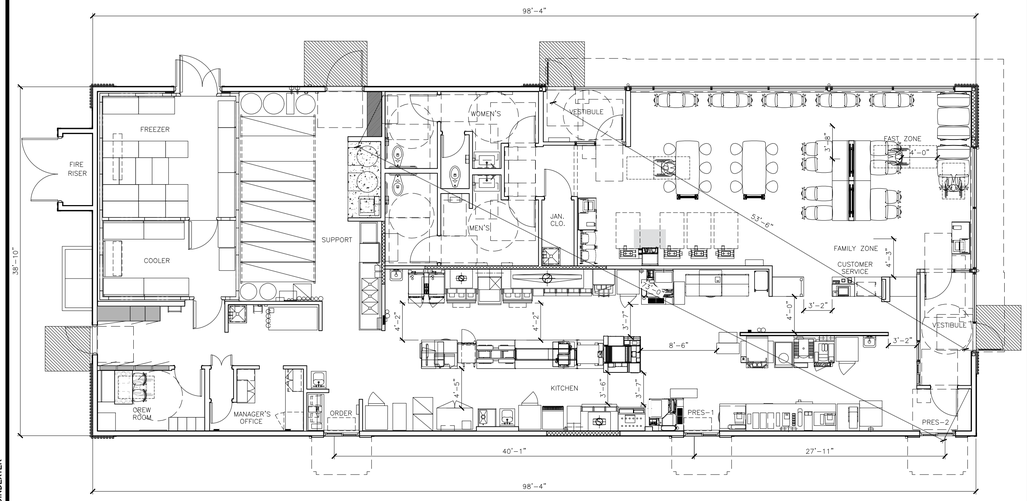
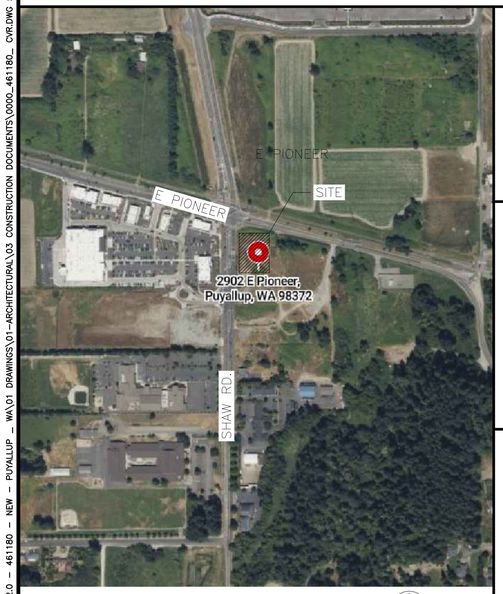


3898 (SPECIAL)–WW PLAN

46 SEATS (3 ACCESSIBLE SEATS)

NORTH



VICINITY MAP:

NORTH

OCCUPANCY CALCULATIONS:

*REFER TO SHEET A0.1.

DEFERRED SUBMITTALS:

THIS PROJECT HAS BEEN PERMITTED WITHOUT REVIEW AND/OR APPROVAL OF THE FOLLOWING DEFERRED SUBMITTALS. PLANS APPROVED BY THE LOCAL JURISDICTION SHALL BE OBTAINED FOR EACH DEFERRED ITEM LISTED BELOW PRIOR TO COMMENCING ANY WORK WITHIN THE SCOPE OF SUCH DEFERRAL. DEFERRALS MUST BE REVIEWED AND ACCEPTED BY THE ARCHITECT OR ENGINEER OF RECORD PRIOR TO SUBMITTING FOR REVIEW WITH THE LOCAL JURISDICTION.

1. PREFABRICATED ROOF TRUSSES
2. WALK–IN COOLER/ FREEZER

SEPARATE SUBMITTALS & PERMITS:

1. EXTERIOR BUILDING SIGNAGE
2. BUILDING CANOPIES
3. FIRE SPRINKLERS
4. KITCHEN HOOD SUPPRESSION
5. FIRE ALARM

FIRE PROTECTION NOTES:

1. ONLY A STATE OF WASHINGTON LEVEL "III" (NFPA 13, NFPA 24, AND NFPA 25) OR LEVEL "U" (NFPA 24 ONLY) LICENSED CONTRACTOR CAN BID, OFFER TO BID, CONTRACT, OR PERFORM THE DESIGNING, INSTALLATION, INSPECTION, TESTING, MAINTENANCE, OR REPAIR OF AN NFPA FIRE SPRINKLER SYSTEM OR ANY PART OF SUCH A SYSTEM IN ACCORDANCE WITH WASHINGTON ADMINISTRATIVE CODE 212–80–018.

2. ONLY A STATE OF WASHINGTON LEVEL "III" (NFPA 13, NFPA 24, AND NFPA 25) OR LEVEL "U" (NFPA 24 ONLY) DESIGN CERTIFICATE HOLDER MAY PREPARE LAYOUT DRAWINGS OR INSTALL, INSPECT, TEST, MAINTAIN, OR REPAIR A FIRE PROTECTION SPRINKLER SYSTEM OR ANY PART OF SUCH A SYSTEM IN ACCORDACE WITH WASHINGTON ADMINISTRATIVE CODE 212–80–018.

Approval of submitted plans is not an approval of omissions or oversights by this office or non compliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

The approved construction plans, documents, and all engineering must be posted on the job at all inspections in a visible and readily accessible location.

Full sized legible color plans are required to be provided by the permitee on site for inspection.

2024 3898 (SPECIAL)
WW BUILDING BB20
WALNUT CREEK FIELD OFFICE

BUILDING INFORMATION:

ADDRESS:

STATE SITE CODE:	46–1180
STREET ADDRESS:	2902 E PIONEER
CITY:	PUYALLUP
COUNTY:	PIERCE
STATE:	WASHINGTON

SITE DATA:

ASSESSOR'S PARCEL NUMBER: 0420264021

TOTAL PARCEL: ±35,300 S.F. (0.82 AC)

BUILDING DATA:

USE/OCCUPANCY GROUP:	"A2" (IBC SECTION 303) (RESTAURANT) "U" (IBC SECTION 312) (TRASH ENCLOSURE)
CONSTRUCTION TYPE:	VB
NUMBER OF STORIES:	1
BUILDING HEIGHT:	21' –0" (MAIN BLDG. PARAPET)
BUILDING AREA:	3,854 S.F.

STRUCTURE:

WOOD LOAD BEARING WALLS, WOOD ROOF FRAMING

UTILITIES:

ELECTRIC GRILLS & ELECTRIC FRYERS
ELECTRIC HVAC & ELECTRIC WATER HEATER

BUILDING CODE:

BUILDING CODE EDITION:	IBC 2021 w/ WASHINGTON STATE AMENDMENTS
MECHANICAL CODE EDITION:	IMC 2021 W/ WASHINGTON STATE AMENDMENTS
ELECTRICAL CODE EDITION:	IEC 2021 W/ WASHINGTON STATE AMENDMENTS
PLUMBING CODE EDITION:	UPC 2021 W/ WASHINGTON STATE AMENDMENTS
ENERGY CODE EDITION:	IECC 2021 W/ WASHINGTON STATE AMENDMENTS
FIRE/LIFE SAFETY CODE EDITION:	IFC 2021 W/ WASHINGTON STATE AMENDMENTS
FUEL/GAS CODE EDITION:	2021 WASHINGTON STATE FUEL GAS CODE
HEALTH CODE EDITION:	PUYALLAP COUNTY HEALTH CODE
ACCESSIBILITY CODE EDITION:	2017 ICC A117.1

DESIGN LOADS:

*SEE STRUCTURAL DRAWINGS

SCOPE OF WORK:

BUILD A NEW 3,854 S.F. RESTAURANT
NEW TRASH ENCLOSURE
NEW PARKING LOT LIGHT FIXTURES
NEW MENU BOARD FOOTINGS

City of Puyallup
Building
REVIEWED FOR COMPLIANCE
SKinnear
04/16/2025
1:12:00 PM

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

LIFE SAFETY SYSTEM:

EMERGENCY LIGHTING:	X YES	___ NO
EXIT SIGNS:	X YES	___ NO
FIRE ALARM:	X YES	___ NO
DUCT SMOKE DETECTORS W/ AUDIBLE/VISIBLE DEVICE:	X YES	___ NO
FIRE SPRINKLERS:	X YES	___ NO
SPRINKLER FLOW/TAMPER SWITCH W/ AUDIBLE/VISIBLE DEVICE:	X YES	___ NO
CO2 DETECTION SYSTEM W/ AUDIBLE/VISIBLE DEVICE:	X YES	___ NO
PANIC HARDWARE:	X YES	___ NO

DESIGNER OF RECORD:

DISCIPLINE:	NAME:	REP	ADDRESS:	PHONE #
ARCHITECT:	PM DESIGN INC.	HALA IBRAHIM	211 GATEWAY RD. W. STE. 208 NAPA CA 94558	(707) 655–4733
STRUCTURAL:	WCD	DAVID GORETOY	6930 DESTINY DR. STE. #300 ROCKLIN, CA 95677	(916) 586–8648
MECHANICAL:	PM DESIGN INC.	MARK MANGLICMOT	19120 SE 34TH STREET, SUITE 420, VANCOUVER WA 98683	(425) 516–7882
PLUMBING:	PM DESIGN INC.	MARK MANGLICMOT	19120 SE 34TH STREET, SUITE 420, VANCOUVER WA 98683	(425) 516–7882
ELECTRICAL:	PM DESIGN INC.	JAMES YBARRA	19120 SE 34TH STREET, SUITE 420, VANCOUVER WA 98683	(425) 409–2496

CONSTRUCTION PROJECT MANAGER:

NAME:	ADDRESS:	PHONE #:
CONSTRUCTION MGR.: McDONALD'S USA, LLC	KELSIE HIEBER 110 N. CARPENTER ST. CHICAGO IL 60607 Kelsie.hiemer@us.mcd.com	(775) 741–4238

REVISIONS

	2	1
CVR	●	●
CVR2		
A0.12 – A0.13		
SP1	●	●
SD1		●
A0.1		●
A1.0		●
A1.2		●
A1.3		
A2.0		
A2.1		●
A3.1		●
A4.0		
A4.1		
A5.0		
A5.1		
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SN1		
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P1.6		
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E4.3		
K1.0		
K2.0		●
K2.1		●
*CIVIL AND LANDSCAPE PLANS ARE NOT INCLUDED WITH THIS SET AND ARE BEING SUBMITTED AND PERMITTED SEPARATELY TO THE JURISDICTION.		

DRAWING INDEX

*CIVIL AND LANDSCAPE PLANS ARE NOT INCLUDED WITH THIS SET AND ARE BEING SUBMITTED AND PERMITTED SEPARATELY TO THE JURISDICTION.

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
1	03/20/25	PLAN CHECK COMMENTS	HII
	04/29/25	ISSUED FOR BID	HII
2	05/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:

PM DESIGN
Architectural Solutions Group
211 GATEWAY RD. W.
SUITE. #208
NAPA, CA 94558
HALA IBRAHIM
PHONE: (707) 655–4733
EMAIL: HIBRAHIM@PMDGINC.COM

KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664 REGISTERED ARCHITECT
KENNETH McCRACKEN
STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25

Seal 01366

PREPARED FOR:

McDonald's USA, LLC

DRAWN BY	STD ISSUE DATE
	12/10/24
REVIEWED BY	DATE ISSUED
HII	05/20/25

TITLE
2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

DESCRIPTION
2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID 046–1180 SITE ADDRESS 2902 E Pioneer, Puyallup, WA 98372

SHEET NO. 046–1180.00.0
CVR
COVER

MCD24092.0 – PUYALLUP, WA

P:\ACS\01–PROJECTS AMERICAN CANYON\MCDONALD'S___MCD 2024\MCD24092.0 – 461180 – NEW – PUYALLUP – WA\01 DRAWINGS\01–ARCHITECTURAL\03 CONSTRUCTION DOCUMENTS\0000_461180_ CVR.DWG 5/20/2025 2:25 PM MARK PONDEXTER

GENERAL NOTES:

1. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY MCDONALD'S CONSTRUCTION MANAGER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS, IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
2. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE OWNER'S VENDORS REGARDING SCHEDULING ON SITE DURING CONSTRUCTION AND SEQUENCING OF THE WORK.
3. THE CONSTRUCTION NOTES AND DRAWINGS ARE SUPPLIED TO ILLUSTRATE THE DESIGN INTENT AND GENERAL TYPE OF CONSTRUCTION DESIRED AND ARE INTENDED TO IMPLY THE FINEST QUALITY OF CONSTRUCTION, MATERIAL AND WORKMANSHIP THROUGHOUT.
4. THE DRAWINGS ARE NOT TO BE SCALED. FOR INFORMATION CONCERNING EXISTING CONDITIONS, ETC., VERIFICATION MUST BE DONE IN THE FIELD. LARGE SCALE DRAWINGS HAVE PRECEDENCE OVER SMALL SCALE DRAWINGS.
5. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTENCE AND LOCATION OF ALL EXISTING ABOVE AND BELOW GRADE, UTILITIES, INCLUDING SANITARY SEWER, STORM SEWER, WATER, GAS, ELECTRICAL, TELEPHONE, ETC. ANY DISCREPANCIES IN UTILITY LOCATIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT.
6. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
7. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY. THE SOILS REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND IN CASE OF CONFLICT BETWEEN THE PLANS AND SOILS REPORT, THE MORE STRINGENT REQUIREMENTS SHALL TAKE PRECEDENCE. THE CONTRACTOR SHALL NOTIFY THE MCDONALD'S CONSTRUCTION MANAGER OF ANY DISCREPANCY BETWEEN SOILS REPORT & PLANS, ETC.
8. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR PROVIDING PEDESTRIAN PROTECTION DURING CONSTRUCTION TO COMPLY WITH ALL FEDERAL, STATE & LOCAL CODES AND OSHA REGULATIONS.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL BUILDING DIMENSIONS PRIOR TO BEGINNING CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY VARIANCE OR DISCREPANCY AFFECTING NEW CONSTRUCTION PRIOR TO PROCEEDING WITH WORK.
10. CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING IN WALLS FOR SUPPORT OF ALL EQUIPMENT, SHELVING, ACCESSORIES, SIGNAGE, AND OTHER DEVICES REQUIRED.
11. GENERAL CONTRACTOR TO PROVIDE FOUR (4) 30 YARD DUMPSTERS DURING McDONALD RETAIL MOVE–IN.
12. GENERAL CONTRACTOR SHALL PROVIDE ONE SKILLED LABORER FOR ONE WEEK DURING McDONALD RETAIL MOVE–IN (40 HOURS).
13. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SET–UP AND COORDINATION OF ALL THE UTILITY SERVICES FOR THE PROJECT.
14. ACCESSIBILITY SIGNAGE SHALL BE PROVIDED AT ALL PRIMARY ENTRANCES TO THE SUITE/BUILDING AND AT ACCESSIBLE RESTROOMS.
15. HAZARDS & PROTRUDING OBJECTS
(REFERENCE SECTIONS GIVEN ARE FOR THE LATEST LOCAL JURISDICTION BUILDING CODE UNLESS NOTED OTHERWISE.)
    A. OBJECTS PROJECTING FROM WALLS WITH THEIR LEADING EDGES BETWEEN 27" AND 80" ABOVE THE FINISHED FLOOR SHALL PROTRUDE NO MORE THAN 4" INTO WALKS, HALLS, CORRIDORS, PASSAGEWAYS, OR AISLES.
    B. OBJECTS MOUNTED WITH THEIR LEADING EDGES AT OR BELOW 27" ABOVE THE FINISHED FLOOR MAY PROTRUDE ANY AMOUNT INTO WALKS, HALLS, CORRIDORS, PASSAGEWAYS OR AISLES.
    C. FREE–STANDING OBJECTS MOUNTED ON POSTS OR PYLONS MAY OVERHANG 12" MAXIMUM FROM 27" TO 80" ABOVE THE GROUND OR FINISHED FLOOR.
    D. PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH OF AN ACCESSIBLE ROUTE OR MANEUVERING SPACE.
    E. ANY OBSTRUCTIONS THAT OVERHANG A PEDESTRIAN WAY SHALL BE A MINIMUM OF 80" ABOVE THE WALKING SURFACE AS MEASURED FROM THE BOTTOM OF THE OBSTRUCTION.
16. ALL PENETRATIONS SHALL RECEIVE CAULKING TO SEAL ANY TYPE OF ENERGY LOSS.
17. UPON COMPLETION OF PROJECT, G.C. TO OBTAIN ALL FINAL INSPECTIONS AS REQUIRED BY LOCAL JURISDICTIONS AND FURNISH OWNER WITH EVIDENCE OF ALL SUCH INSPECTIONS AND CERTIFICATES OF OCCUPANCY.
18. REFER TO "PROJECT MANUAL" FOR ALL OTHER INSTRUCTIONS & DIRECTIVES NOT SHOWN IN DRAWINGS.

HEALTH DEPARTMENT. REQUIREMENTS:

1. FOR ANY INTERIOR DECORATIVE ALTERATIONS AFFECTING THE RESTROOMS, BEVERAGE STATION, OR KITCHEN, MATERIAL FINISH & COLOR SAMPLES MUST BE SUBMITTED TO THE HEALTH DEPARTMENT. FOR APPROVAL. DO NOT INSTALL ANY MATERIALS IN THESE AREAS WITHOUT PRIOR APPROVAL FROM THE HEALTH DEPARTMENT.
2. ALL FOOD SERVICE EQUIPMENT MUST BE CERTIFIED OR CLASSIFIED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) ACCREDITED CERTIFICATION PROGRAM, e.g. NSF, ETL, UL.
3. THE ENTIRE FACILITY MUST BE ADEQUATELY VERMIN–PROOFED TO PREVENT THE ENTRANCE AND HARBORAGE OF RODENTS AND OTHER VERMIN.
4. THE RESTAURANT IS OPEN DURING CONSTRUCTION. WHEN DINING AREA IS UNDER CONSTRUCTION THE LOBBY IS CLOSED, ONLY THE DRIVE–THRU WILL BE OPEN.
5. G.C. TO PROVIDE PROTECTION TO THE KITCHEN AREA FROM POTENTIAL CROSS–CONTAMINATION BASED ON THE DESCRIBED REMODELED WORK IN THE DINING AREA AND RESTROOMS. USE DUST CONTAINMENT SYSTEM W/ CLEAR 3.5 MIL PLASTIC SHEETING OR EQ. SEAL AS NEEDED.
6. G.C TO PROVIDE ONE RESTROOM W/HAND SINK AND HOT/COLD WATER FOR EMPLOYEE USE DURING REMODEL.

DOOR ACCESSIBILITY:

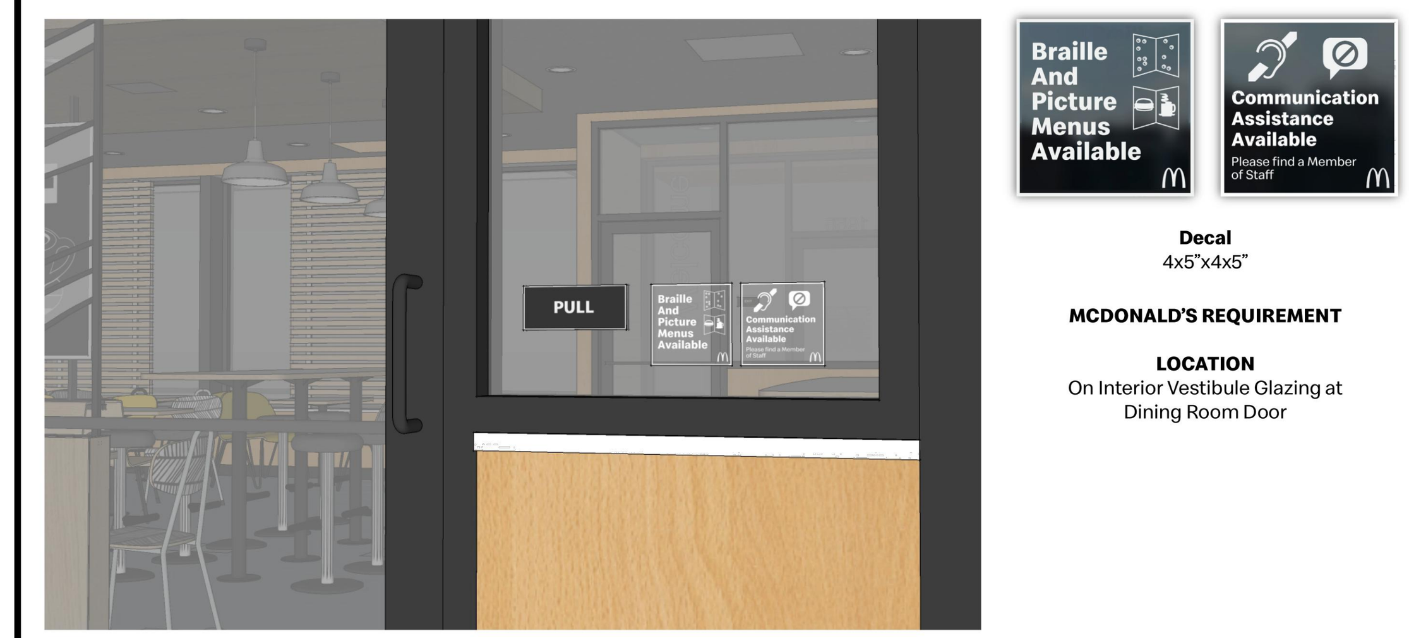
1. DOOR HARDWARE: EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
2. DOOR HARDWARE SHALL BE OPERABLE WITH ONE HAND AND DO NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE HAND. 2017 ICC A117.1
3. PANIC HARDWARE: EACH DOOR IN THE MEANS OF EGRESS FROM AN ASSEMBLY OCCUPANCY SHALL NOT BE PROVIDED WITH A LOCK OR LATCH UNLESS IT IS PANIC HARDWARE.
4. EXIT SIGNS: THE PATH OF TRAVEL TO AND WITHIN EXITING A BUILDING SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TO THE REQUIREMENTS. EXIT SIGNS SHALL BE READILY VISIBLE FROM THE DIRECTION OF APPROACH. EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO INDICATE THE DIRECTION OF EGRESS TRAVEL.
5. TACTILE EXIT SIGNS: EACH EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD "EXIT"; & CENTERED ON AN 18"x18" CLEAR FLOOR SPACE.
6. ALL DOORS WITH CLOSERS SHALL HAVE AN OPENING FORCE OF 5lbs. MAX AND A CLOSING SPEED OF 5 SECONDS MINIMUM. 2017 ICC A117.1
7. DOOR THRESHOLD SHALL COMPLY WITH 2017 ICC A117.1.
8. DOOR OPENING HARDWARE SHALL BE MOUNTED 34"–44" ABOVE THE FINISH FLOOR.
9. LOWER 10" OF THE DOOR SURFACE SHALL HAVE A SMOOTH SURFACE FOR THE FULL WIDTH OF THE DOOR, AT THE PUSH SIDE OF THE DOOR.

ELECTRICAL NOTES:

1. THE CENTER OF ELECTRICAL AND COMMUNICATION SYSTEM RECEPTACLE OUTLETS SHALL BE INSTALLED NOT LESS THAN 15" ABOVE THE FLOOR OR WORKING PLATFORM.
2. THE CENTER OF THE GRIP OF THE OPERATING HANDLE OF CONTROLS OR SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES, OR COOLING, HEATING, AND VENTILATING EQUIPMENT SHALL NOT BE MORE THAN 48" ABOVE THE FLOOR OR WORKING PLATFORM.
3. ALL ELECTRICAL CONTROLS, SWITCHES, ELECTRICAL RECEPTACLE OUTLETS, THERMOSTATS, INTENDED TO BE USED BY OCCUPANTS OF THE ROOM SHALL BE PLACED NO MORE THAN 48" MEASURED FROM THE TOP OF THE OUTLET BOX AND NOT LESS THAN 15" MEASURED FROM THE BOTTOM OF THE OUTLET BOX TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM. 2017 ICC A117.1

DECAL TO COMPLY WITH 2017 ICC A117.1

9 / CVR2 — ASSISTANCE SIGNAGE – DIRECTIONAL
NTS

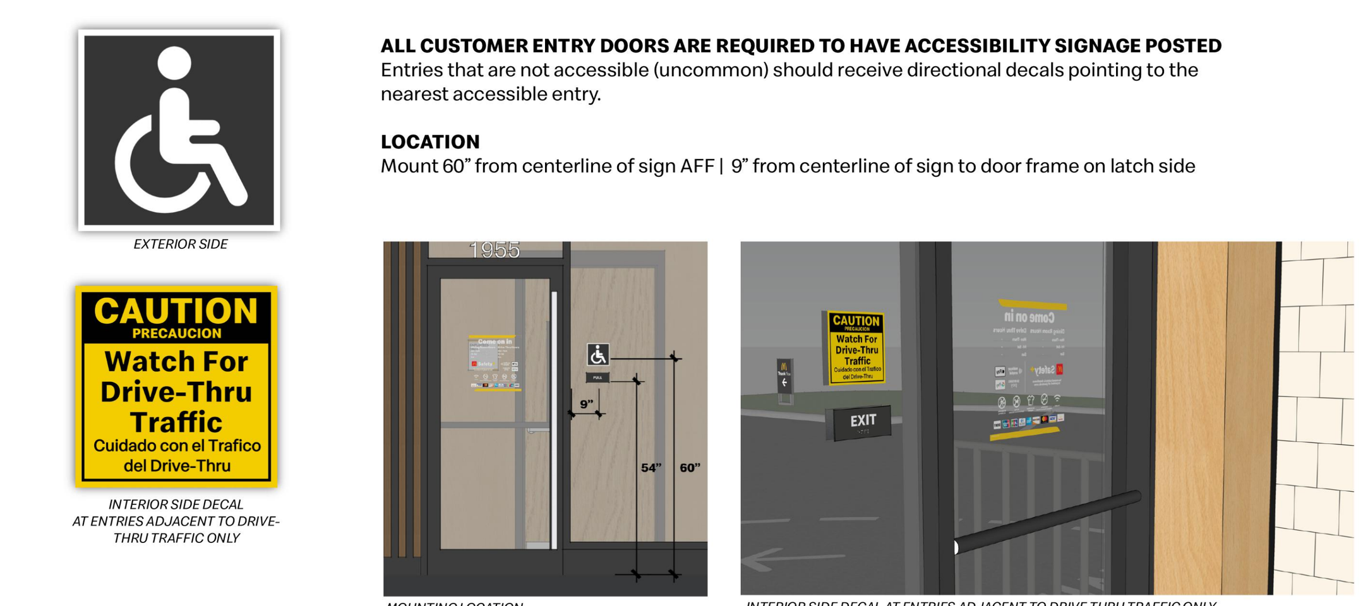


Decal 4x5"x4x5"
MCDONALD'S REQUIREMENT
LOCATION
On Interior Vestibule Glazing at Dining Room Door

5 / CVR2 — ASSISTANCE SIGNAGE
NTS

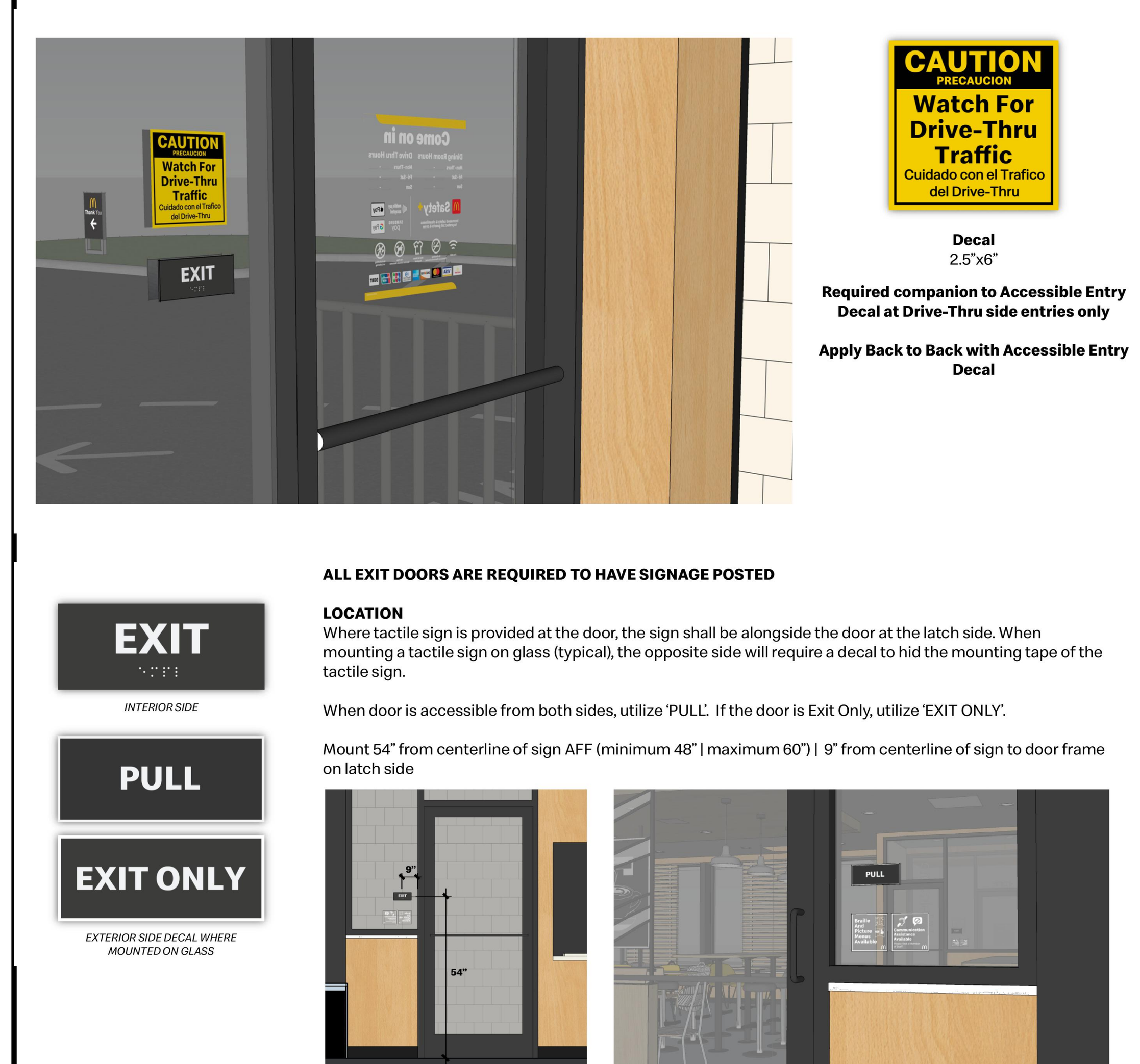
White on Charcoal Decal 6"x6"
Required by ADA
Apply to Exterior Customer Entry Doors at Latch side
Alternate White on Blue Color per Local Jurisdiction

DECAL TO COMPLY WITH 2017 ICC A117.1



ALL CUSTOMER ENTRY DOORS ARE REQUIRED TO HAVE ACCESSIBILITY SIGNAGE POSTED
Entries that are not accessible (uncommon) should receive directional decals pointing to the nearest accessible entry.
LOCATION
Mount 60" from centerline of sign AFF | 9" from centerline of sign to door frame on latch side

10 / CVR2 — ASSISTANCE SIGNAGE – ENTRANCE SIGNAGE
NTS

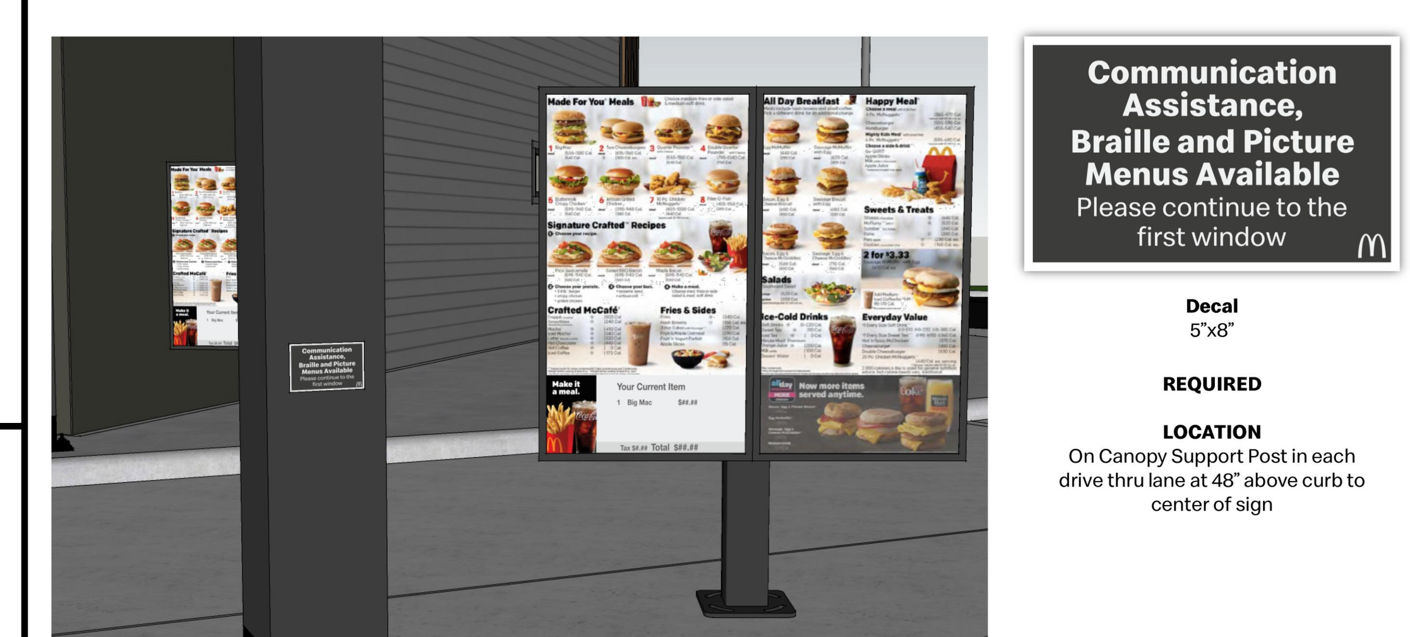


Decal 2.5"x6"
Required companion to Accessible Entry Decal at Drive-Thru side entries only
Apply Back to Back with Accessible Entry Decal

ALL EXIT DOORS ARE REQUIRED TO HAVE SIGNAGE POSTED
LOCATION
Where tactile sign is provided at the door, the sign shall be alongside the door at the latch side. When mounting a tactile sign on glass (typical), the opposite side will require a decal to hide the mounting tape of the tactile sign.
When door is accessible from both sides, utilize 'PULL'. If the door is Exit Only, utilize 'EXIT ONLY'.
Mount 54" from centerline of sign AFF (minimum 48" | maximum 60") | 9" from centerline of sign to door frame on latch side

12 / CVR2 — ASSISTANCE SIGNAGE – EXIT SIGNAGE
NTS

6 / CVR2 — ASSISTANCE SIGNAGE
NTS



Decal 5"x8"
REQUIRED
LOCATION
On Canopy Support Post in each drive thru lane at 48" above curb to center of sign

7 / CVR2 — ASSISTANCE SIGNAGE
NTS

Decal 4x5"x4x5"
REQUIRED
LOCATION
On lower portion of drive-thru Cash window (inoperable side)

8 / CVR2 — ASSISTANCE SIGNAGE
NTS

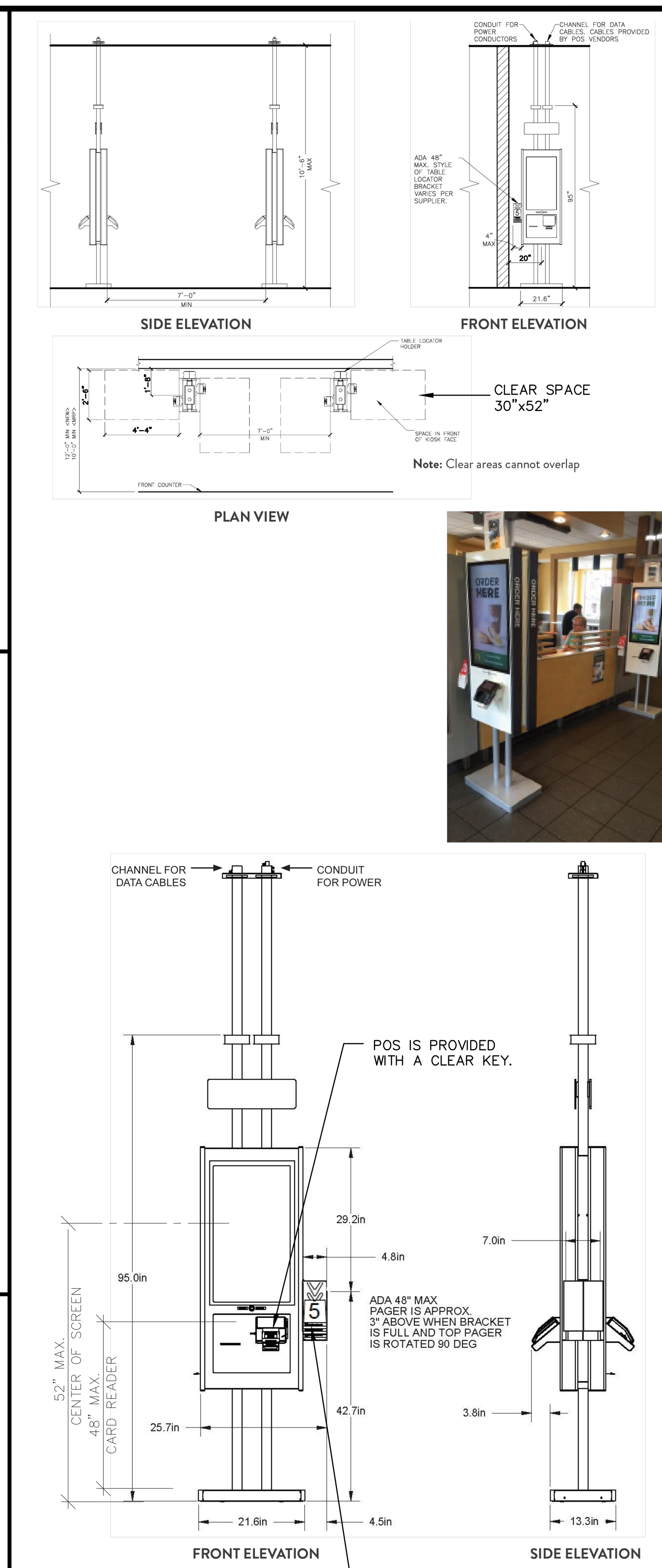


TABLE LOCATOR HOLDER MOUNTED ON POSTS TO HAVE BOTTOM EDGES w/ ROUNDED OR EASED EDGES w/ ½" MIN. RADIUS

NOTE:

- POS DEVICE KEYPAD IS EQUIPPED WITH A TACTILELY DISCERNIBLE NUMERICAL KEYPAD SIMILAR TO A TELEPHONE KEYPAD CONTAINING A RAISED DOT WITH A DOT BASE DIAMETER BETWEEN 1.5 MM. AND 1.6 MM AND A HEIGHT BETWEEN 0.6 MM AND 0.9 MM ON THE NUMBER 5 KEY THAT ENABLES A VISUALLY IMPAIRED PERSON TO ENTER HIS OR HER OWN PERSONAL IDENTIFICATION NUMBER OR ANY OTHER PERSONAL INFORMATION NECESSARY TO PROCESS THE TRANSACTION IN A MANNER THAT PROVIDES THE OPPORTUNITY FOR THE SAME DEGREE OF PRIVACY INPUT AND OUTPUT AVAILABLE TO ALL INDIVIDUAL.
- OPERATION. OPERABLE PARTS SHALL BR OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS (22.2 N) MAXIMUM.
- CHARACTERS DISPLAYED ON THE SCREEN SHALL BE IN SANS SERIF FONT. CHARACTER SHALL BE 3/16" (4.8 MM) HIGH MIN. BASED ON THE UPPERCASE LETTER "I". CHARACTERS SHALL CONTRAST WITH THE BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.

3 / CVR2 — KIOSK INFORMATION
NTS

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
	03/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:

PM DESIGN
Architectural Solutions Group
211 GATEWAY RD. W. SUITE. #208 NAPA, CA 94558
HALA IBRAHIM
PHONE: (707) 655-4733
EMAIL: HIBRAHIM@PMDGINC.COM
KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664 REGISTERED ARCHITECT
KENNETH McCRACKEN
STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25
Seal

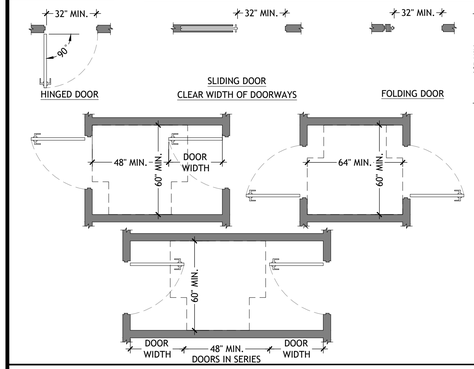
PREPARED FOR: McDonald's USA, LLC

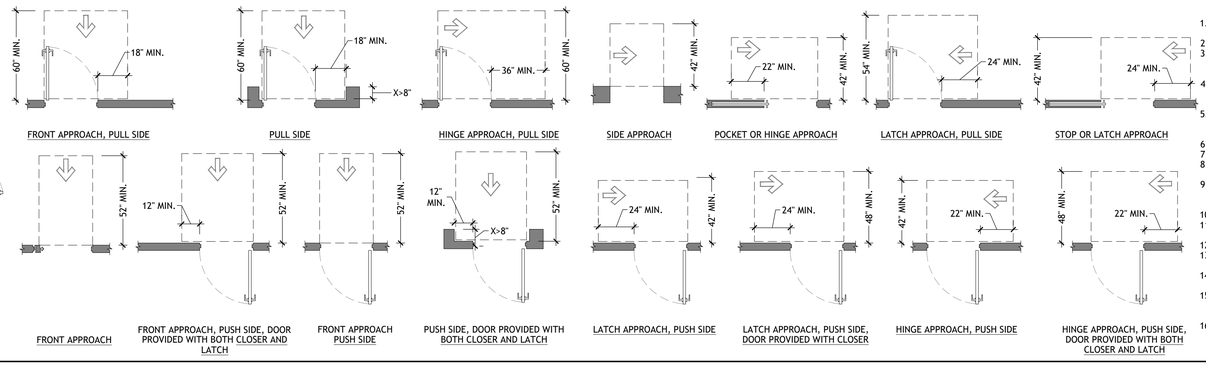
DRAWN BY: HII
STD ISSUE DATE: 12/10/24
REVIEWED BY: HII
DATE ISSUED: 03/20/25

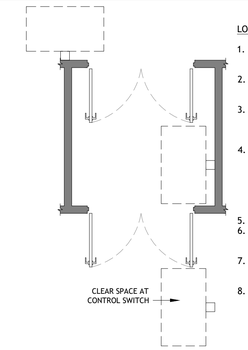
TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS, WOOD ROOF TRUSS FRAMING, STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

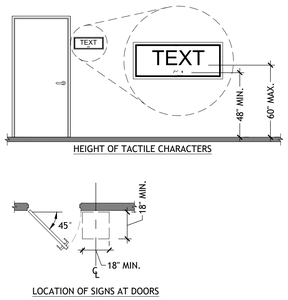
MCD24092.0 – PUYALLUP, WA

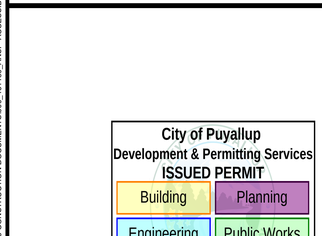
SHEET NO. 046-1180.00.0
CVR2
GENERAL NOTES

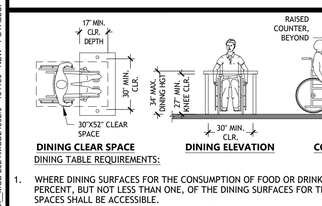


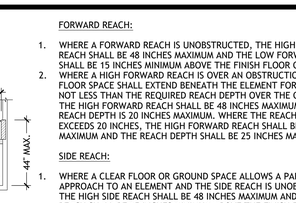


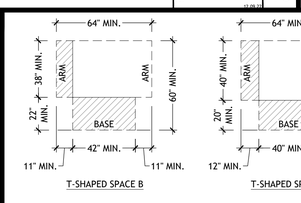


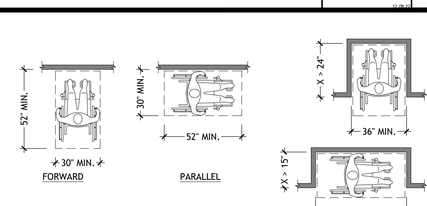


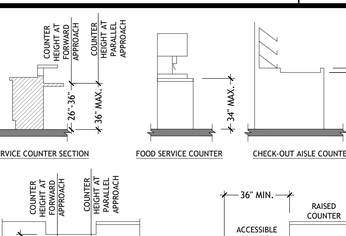












DOORS

DOOR NOTES:

1. REVOLVING DOORS, REVOLVING GATES, AND TURNSTILES SHALL NOT BE PART OF AN ACCESSIBLE ROUTE AND SHALL COMPLY WITH SECTIONS 402.3 AND 402.4.
2. AT LEAST ONE OF THE ACTIVE LEAVES OF DOORWAYS WITH TWO LEAVES SHALL.
3. DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. IN ALTERATIONS, A PROJECTION OF 5/8 INCH MAXIMUM INTO THE REQUIRED CLEAR WIDTH SHALL BE PERMITTED FOR THE LATCH SIDE STOP.
4. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES AND 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES.
5. MANEUVERING CLEARANCES FOR FORWARD APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTION WITHIN 18 INCHES OF THE LATCH SIDE OF A DOORWAY, PROJECTS MORE THAN 8 INCHES BEYOND THE FACE OF THE DOOR, MEASURED PERPENDICULAR TO THE FACE OF THE DOOR OR GATE.
6. FLOOR OR GROUND SURFACE WITHIN REQUIRED MANEUVERING CLEARANCES SHALL NOT SLOPE STEEPER THAN 1:48.
7. THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2 INCH HIGH MAXIMUM.
8. THE DISTANCE BETWEEN TWO HINGED OR PIVOTED DOORS IN SERIES AND GATES IN SERIES SHALL BE 48 INCHES MINIMUM PLUS THE WIDTH OF DOORS OR GATES SWINGING INTO THE SPACE. THE SPACE BETWEEN THE DOORS SHALL PROVIDE A TURNING SPACE.
9. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM.
10. OPERABLE PARTS OF HARDWARE SHALL BE 34 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
11. DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.
12. THE FORCE FOR PUSHING OR PULLING OPEN AN INTERIOR DOOR OR GATE SHALL BE 5 POUNDS MAXIMUM.
13. THE FORCE FOR PUSHING OR PULLING OPEN REQUIRED FIRE DOORS SHALL BE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.
14. SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE.
15. THE INSTALLATION OF KICK PLATES ON EXISTING DOORS AND GATES WITHOUT A SMOOTH SURFACE WITHIN 10 INCHES OF THE FLOOR SHALL BE PERMITTED. THE KICK PLATES SHALL EXTEND TO 10 INCHES ABOVE THE FLOOR AND NO MORE THAN 1 INCH FROM THE SIDES AND BOTTOM OF THE DOOR. CAVITIES CREATED BY SUCH KICKPLATES SHALL BE CAPPED.
16. DOORS, GATES AND SIDELITES ADJACENT TO DOORS OR GATES CONTAINING ONE OR MORE GLAZING PANELS THAT PERMIT VIEWING THROUGH THE PANELS SHALL HAVE THE BOTTOM OF AT LEAST ONE PANEL ON EITHER THE DOOR, GATE OR AN ADJACENT SIDELITE 43 INCHES MAXIMUM ABOVE THE FLOOR.VISION LITES WITH THE LOWEST PART MORE THAN 66 INCHES ABOVE THE FLOOR SHALL NOT BE REQUIRED TO COMPLY WITH THIS SECTION.

N.T.S. 404 12.09.22 4

LOW ENERGY POWER OPERATED DOORS

LOW ENERGY POWER OPERATED DOORS AND GATES:

1. AUTOMATIC DOORS AND AUTOMATIC GATES SHALL COMPLY WITH SECTION 404.3. FULL-POWERED AUTOMATIC DOORS SHALL COMPLY WITH ANSI/BHMA A156.10. LOW-ENERGY AND POWER-ASSISTED DOORS SHALL COMPLY WITH ANSI/BHMA A156.19.
2. WHERE AN ENTRANCE INCLUDES A VESTIBULE, AT LEAST ONE EXTERIOR DOOR OR GATE AND ONE INTERIOR DOOR OR GATE IN THE VESTIBULE SHALL HAVE THE SAME TYPE OF AUTOMATIC DOOR OR GATE OPENER.
3. DOORWAYS SHALL HAVE A CLEAR OPENING WIDTH OF 32 INCHES IN POWER-ON AND POWER-OFF MODE. THE MINIMUM CLEAR OPENING WIDTH FOR AUTOMATIC DOOR SYSTEMS SHALL BE BASED ON THE CLEAR OPENING WIDTH PROVIDED WITH ALL LEAFS IN THE OPEN POSITION.
4. MANEUVERING CLEARANCES COMPLYING WITH SECTION 404.2.3 SHALL BE PROVIDED ON THE EGRESS SIDE OF LOW-ENERGY AUTOMATIC AND FULL POWER AUTOMATIC DOORS AND GATES THAT SERVE AS PART OF AN ACCESSIBLE MEANS OF EGRESS. LOW-ENERGY AUTOMATIC AND FULL POWER AUTOMATIC DOORS AND GATES THAT HAVE STANDBY POWER OR BATTERY BACK-UP SHALL NOT BE REQUIRED TO COMPLY WITH THIS SECTION. LOW-ENERGY AUTOMATIC AND FULL POWER AUTOMATIC DOORS AND GATES THAT REMAIN OPEN IN THE POWER-OFF CONDITION SHALL NOT BE REQUIRED TO COMPLY WITH THIS SECTION.
5. DOORS OR GATES IN SERIES SHALL COMPLY WITH SECTION 404.2.5.
6. WHERE BOTH DOORS OR GATES IN A SERIES ARE LOW ENERGY AUTOMATIC OR FULL POWER AUTOMATIC DOORS OR GATES, THE TWO DOORS OR GATES IN A SERIES SHALL NOT BE REQUIRED TO PROVIDE A TURNING SPACE BETWEEN THE DOORS OR GATES.
7. MANUALLY OPERATED CONTROLS SHALL COMPLY WITH SECTION 309. THE CLEAR FLOOR SPACE ADJACENT TO THE CONTROLS SHALL BE LOCATED BEYOND THE ARC OF THE DOOR OR GATE SWINGS.
8. HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS SHALL COMPLY WITH SECTION 404.2.6.

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SIGNS

SIGN TEXT:

1. WHERE BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED, EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS, OR TWO SEPARATE SIGNS, ONE WITH VISUAL, AND ONE WITH TACTILE CHARACTERS, SHALL BE PROVIDED.
2. RAISED CHARACTERS SHALL BE DUPLICATED IN BRAILLE.
3. RAISED CHARACTERS SHALL BE 1/32 INCH MINIMUM ABOVE THEIR BACKGROUND, UPPERCASE AND SANS SERIF FONT.
4. CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8 INCH MINIMUM AND 2 INCHES MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER “I”.
5. STROKE THICKNESS OF THE UPPERCASE LETTER “I” SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER.

SIGN BRAILLE:

1. BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH SECTION 703.4.
2. BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH TABLE 703.4.3. THE INDICATION OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF SENTENCES, PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS, AND ACRONYMS.
3. BRAILLE SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT IN A HORIZONTAL FORMAT, FLUSH LEFT OR CENTERED. IF TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRAILLE SHALL BE SEPARATED 3/8 INCH MINIMUM AND 1/2 INCH (MAXIMUM FROM ANY OTHER TACTILE CHARACTERS AND 3/8 INCH MINIMUM FROM RAISED BORDERS AND DECORATIVE ELEMENTS

SIGN INSTALLATION:

1. TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE LOWEST BRAILLE CELLS AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS.
2. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES MINIMUM BY 18 INCHES MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION.

VISUAL CHARACTERS:

1. CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
2. VISUAL CHARACTERS SHALL BE 40 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

PICTOGRAMS:

1. PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6 INCHES MINIMUM. CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD.
2. PICTOGRAMS AND THEIR FIELD SHALL HAVE A NON-GLARE FINISH. PICTOGRAMS SHALL CONTRAST WITH THEIR FIELD WITH EITHER A LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD.

N.T.S. 703 12.09.22 7

ENTRY AND DIRECTIONAL SIGNS

ENTRY & DIRECTIONAL SIGN NOTES:

1. IN EXISTING BUILDINGS AND FACILITIES WHERE NOT ALL ENTRANCES ARE ACCESSIBLE, ACCESSIBLE ENTRANCES SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
2. SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUNDS SHALL HAVE A NON-GLARE FINISH. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST WITH THEIR BACKGROUNDS, WITH EITHER A LIGHT SYMBOL ON DARK BACKGROUND OR A DARK SYMBOL ON A LIGHT BACKGROUND.
3. DIRECTIONAL SIGNS THAT INDICATE THE LOCATION OF THE NEAREST ACCESSIBLE ENTRANCE SHALL BE PROVIDED AT NON-ACCESSIBLE ENTRANCES.

N.T.S. 703.6 12.09.22 3

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

ATMS

STORAGE:

1. WHERE BINS ARE PROVIDED FOR ENVELOPES, WASTE PAPER, OR OTHER PURPOSES, AT LEAST ONE OF EACH TYPE SHALL BE ACCESSIBLE.
2. A CLEAR FLOOR OR GROUND SPACE SHALL BE PROVIDED.
3. STORAGE ELEMENTS SHALL COMPLY WITH AT LEAST ONE OF THE REQUIRED ACCESSIBLE REACH RANGES.
4. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS

ATM REQUIREMENTS:

1. A CLEAR FLOOR OR GROUND SPACE SHALL BE PROVIDED.
2. CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS.
3. OPERABLE PARTS SHALL BE WITHIN AN ACCESSIBLE REACH RANGE.
4. AUTOMATIC TELLER MACHINES SHALL PROVIDE THE OPPORTUNITY FOR THE SAME DEGREE OF PRIVACY OF INPUT AND OUTPUT AVAILABLE TO ALL INDIVIDUALS.
5. MACHINES SHALL BE SPEECH ENABLED. OPERATING INSTRUCTIONS AND ORIENTATION, VISIBLE TRANSACTION PROMPTS, USER INPUT VERIFICATION, ERROR MESSAGES, AND ALL DISPLAYED INFORMATION FOR FULL USE SHALL BE ACCESSIBLE TO AND INDEPENDENTLY USABLE BY INDIVIDUALS WITH VISION IMPAIRMENTS. SPEECH SHALL BE DELIVERED THROUGH A MECHANISM THAT IS READILY AVAILABLE TO ALL USERS, INCLUDING BUT NOT LIMITED TO, AN INDUSTRY STANDARD CONNECTOR OR A TELEPHONE HANDSET. SPEECH SHALL BE RECORDED OR DIGITIZED HUMAN, OR SYNTHESIZED.
6. SPEECH SHALL BE CAPABLE OF BEING REPEATED OR INTERRUPTED. VOLUME CONTROL SHALL BE PROVIDED FOR THE SPEECH FUNCTION.
7. WHERE RECEIPTS ARE PROVIDED, SPEECH OUTPUT DEVICES SHALL PROVIDE AUDIBLE BALANCE INQUIRY INFORMATION, ERROR MESSAGES, AND ALL OTHER INFORMATION ON THE PRINTED RECEIPT NECESSARY TO COMPLETE OR VERIFY THE TRANSACTION.
8. AT LEAST ONE TACTILELY DISCERNIBLE INPUT CONTROL SHALL BE PROVIDED FOR EACH FUNCTION. WHERE PROVIDED, KEY SURFACES NOT ON ACTIVE AREAS OF DISPLAY SCREENS, SHALL BE RAISED ABOVE SURROUNDING SURFACES. WHERE MEMBRANE KEYS ARE THE ONLY METHOD OF INPUT, EACH SHALL BE TACTILELY DISCERNIBLE FROM SURROUNDING SURFACES AND ADJACENT KEYS.
9. NUMERIC KEYS SHALL BE ARRANGED IN A 12-KEY ASCENDING OR DESCENDING TELEPHONE KEYPAD LAYOUT. THE NUMBER FIVE KEY SHALL HAVE A SINGLE RAISED DOT.
10. FUNCTION KEYS SHALL CONTRAST VISUALLY FROM BACKGROUND SURFACES. CHARACTERS AND SYMBOLS ON KEY SURFACES SHALL CONTRAST VISUALLY FROM KEY SURFACES. VISUAL CONTRAST SHALL BE EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.
11. FUNCTION KEY SURFACES SHALL HAVE TACTILE SYMBOLS AS FOLLOWS: ENTER OR PROCEED KEY: RAISED CIRCLE; CLEAR OR CORRECT KEY: RAISED LEFT ARROW; CANCEL KEY: RAISED LETTER EX; ADD VALUE KEY: RAISED PLUS SIGN; DECREASE VALUE KEY: RAISED MINUS SIGN.
12. THE DISPLAY SCREEN SHALL BE VISIBLE FROM A POINT LOCATED 40 INCHES ABOVE THE CENTER OF THE CLEAR FLOOR SPACE IN FRONT OF THE MACHINE.
13. CHARACTERS DISPLAYED ON THE SCREEN SHALL BE IN A SANS SERIF FONT. CHARACTERS SHALL BE 3/16 INCH HIGH MINIMUM BASED ON THE UPPERCASE LETTER "I". CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
14. BRAILLE INSTRUCTIONS FOR INITIATING THE SPEECH MODE SHALL BE PROVIDED.

N.T.S. 707 12.09.22 10

COUNTERS

CHECKOUT AISLE COUNTERS:

1. WHERE CHECK-OUT AISLES ARE PROVIDED, ACCESSIBLE CHECK-OUT AISLES SHALL BE PROVIDED IN ACCORDANCE WITH THE IBC. WHERE CHECK-OUT AISLES SERVE DIFFERENT FUNCTIONS, ACCESSIBLE CHECK-OUT AISLES SHALL BE PROVIDED IN ACCORDANCE WITH THE IBC FOR EACH FUNCTION. WHERE CHECK-OUT AISLES ARE DISPERSED THROUGHOUT THE BUILDING OR FACILITY, ACCESSIBLE CHECK-OUT AISLES SHALL BE DISPERSED.
2. CHECKOUT COUNTER SURFACE HEIGHT SHALL BE 38 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. THE TOP OF THE COUNTER EDGE PROTECTION SHALL BE 2 INCHES MAXIMUM ABOVE THE TOP OF THE COUNTER SURFACE ON THE AISLE SIDE OF THE CHECK-OUT COUNTER.

SALES AND SERVICE COUNTERS:

1. WHERE PROVIDED, AT LEAST ONE OF EACH TYPE OF SALES COUNTER AND SERVICE COUNTER SHALL BE ACCESSIBLE. WHERE COUNTERS ARE DISPERSED THROUGHOUT THE BUILDING OR FACILITY, ACCESSIBLE COUNTERS ALSO SHALL BE DISPERSED.
2. THE ACCESSIBLE PORTION OF THE COUNTER TOP SHALL EXTEND THE SAME DEPTH AS THE SALES OR SERVICE COUNTER TOP.
3. A PORTION OF THE COUNTER SURFACE THAT IS 36 INCHES LONG MINIMUM AND 36 INCHES HIGH MAXIMUM ABOVE THE FINISH FLOOR SHALL BE PROVIDED. A CLEAR FLOOR OR GROUND SPACE SHALL BE POSITIONED FOR A PARALLEL APPROACH ADJACENT TO THE 36 INCH MINIMUM LENGTH OF COUNTER.
4. WHERE THE PROVIDED COUNTER SURFACE IS LESS THAN 36 INCHES LONG, THE ENTIRE COUNTER SURFACE SHALL BE 36 INCHES HIGH MAXIMUM ABOVE THE FINISH FLOOR.
5. WHERE COUNTERS OR TELLER WINDOWS HAVE SECURITY GLAZING TO SEPARATE PERSONNEL FROM THE PUBLIC, A METHOD TO FACILITATE VOICE COMMUNICATION SHALL BE PROVIDED
6. AT SERVICE WINDOWS OR SERVICE COUNTERS, ANY VERTICAL BARRIER BETWEEN SERVICE PERSONNEL AND CUSTOMERS SHALL BE AT A HEIGHT OF 43 INCHES MAXIMUM ABOVE THE FLOOR.
7. TRANSPARENT SECURITY GLAZING SHALL BE PERMITTED ABOVE THE 43 INCHES MAXIMUM HEIGHT.

FOOD SERVICE LINES:

1. WHERE SELF-SERVICE SHELVES ARE PROVIDED, AT LEAST 50 PERCENT, BUT NO FEWER THAN ONE, OF EACH TYPE PROVIDED SHALL COMPLY WITH REQUIRED REACH RANGES.
2. THE TOPS OF TRAY SLIDES SHALL BE 28 INCHES MINIMUM AND 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

N.T.S. 904 12.09.22 2

DINING TABLE

DINING TABLE REQUIREMENTS:

1. WHERE DINING SURFACES FOR THE CONSUMPTION OF FOOD OR DRINK ARE PROVIDED, AT LEAST 5 PERCENT, BUT NOT LESS THAN ONE, OF THE DINING SURFACES FOR THE SEATING AND STANDING SPACES SHALL BE ACCESSIBLE.
2. DINING SURFACES REQUIRED TO BE PROVIDED AS ACCESSIBLE SHALL BE DISPERSED THROUGHOUT THE FACILITY AND LOCATED ON A LEVEL ACCESSED BY AN ACCESSIBLE ROUTE.

DINING TABLES:

1. A CLEAR FLOOR SPACE COMPLYING WITH SECTION 305 POSITIONED FOR A FORWARD APPROACH SHALL BE PROVIDED.
2. KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 306 SHALL BE PROVIDED.
3. THE TOPS OF DINING SURFACES AND WORK SURFACES SHALL BE 28 INCHES MINIMUM AND 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
4. WHERE FOOD OR DRINK IS SERVED FOR CONSUMPTION AT A COUNTER EXCEEDING 34 INCHES IN HEIGHT, A PORTION OF THE MAIN COUNTER SHALL BE PROVIDED AS ACCESSIBLE.
5. AT DRINK SURFACES 12 INCHES OR LESS IN DEPTH, KNEE AND TOE CLEARANCE SHALL NOT BE REQUIRED TO EXTEND BENEATH THE SURFACE BEYOND THE DEPTH OF THE DRINK SURFACE PROVIDED.
6. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER THE EXPOSED PORTIONS OF DINING SURFACES AND WORK SURFACES.

N.T.S. 1109.11, 902 12.09.22 17

REACH RANGES

FORWARD REACH:

1. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.
2. WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM WHERE THE REACH DEPTH IS 20 INCHES MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 20 INCHES, THE HIGH FORWARD REACH SHALL BE 44 INCHES MAXIMUM AND THE REACH DEPTH SHALL BE 25 INCHES MAXIMUM.

SIDE REACH:

1. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACH IS UNOBSTRUCTED, THE HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW SIDE REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.
2. AN OBSTRUCTION SHALL BE PERMITTED BETWEEN THE CLEAR FLOOR OR GROUND SPACE AND THE ELEMENT WHERE THE DEPTH OF THE OBSTRUCTION IS 10 INCHES MAXIMUM.
3. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34 INCHES MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24 INCHES MAXIMUM. THE HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM FOR A REACH DEPTH OF 10 INCHES MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 10 INCHES, THE HIGH SIDE REACH SHALL BE 46 INCHES MAXIMUM FOR A REACH DEPTH OF 24 INCHES MAXIMUM.
4. OPERABLE PARTS ON FUEL DISPENSERS INSTALLED ON EXISTING CURBS SHALL BE PERMITTED AT 54 INCHES MAXIMUM ABOVE THE FLOOR.

N.T.S. 308 12.09.22 9

TURNING SPACE

TURNING SPACE NOTES:

1. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.
2. IN NEW BUILDINGS AND FACILITIES, THE TURNING SPACE SHALL BE A CIRCULAR SPACE WITH 67 INCH MINIMUM DIAMETER.
3. THE TURNING SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE. THE DEPTH OF THE OVERLAP SHALL NOT BE MORE THAN 10 INCHES, AND THE DEPTH SHALL NOT EXCEED THE DEPTH OF THE KNEE AND TOE CLEARANCES PROVIDED, AND THE OVERLAP SHALL BE PERMITTED ONLY WITHIN THE TURNING CIRCLE AREA SHOWN SHADED.
4. IN NEW BUILDINGS AND FACILITIES, THE TURNING SPACE SHALL BE A T–SHAPED SPACE COMPLYING WITH ONE OF THE FOLLOWING:
   a) A T-SHAPED SPACE, CLEAR OF OBSTRUCTION, THAT FITS WITHIN AN AREA 68 INCHES WIDE AND 60 INCHES DEEP, WITH TWO ARMS AND ONE BASE THAT ARE ALL 36 INCHES MINIMUM IN WIDTH. EACH ARM SHALL EXTEND 16 INCHES MINIMUM FROM EACH SIDE OF THE BASE LOCATED OPPOSITE THE OTHER, AND THE BASE SHALL EXTEND 24 INCHES MINIMUM FROM THE ARMS. AT THE INTERSECTION OF EACH ARM AND THE BASE, THE INTERIOR CORNERS SHALL BE CHAMFERED FOR 8 INCHES MINIMUM ALONG BOTH THE ARM AND ALONG THE BASE.
   b) A T-SHAPED SPACE, CLEAR OF OBSTRUCTION, THAT FITS WITHIN AN AREA 64 INCHES WIDE AND 60 INCHES DEEP, WITH TWO ARMS 38 INCHES MINIMUM IN WIDTH AND A BASE 42 INCHES MINIMUM IN WIDTH. EACH ARM SHALL EXTEND 11 INCHES MINIMUM FROM EACH SIDE OF THE BASE, LOCATED OPPOSITE THE OTHER, AND THE BASE SHALL EXTEND 22 INCHES MINIMUM FROM EACH ARM.
   c) A T-SHAPED SPACE, CLEAR OF OBSTRUCTION, 64 INCHES WIDE AND 60 INCHES DEEP, WITH TWO ARMS AND ONE BASE 40 INCHES MINIMUM IN WIDTH. EACH ARM SHALL EXTEND 12 INCHES MINIMUM FROM EACH SIDE OF THE BASE AND THE BASE SHALL EXTEND 20 INCHES MINIMUM FROM EACH ARM.
5. TURNING SPACES SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE OF EITHER THE BASE OR ONE ARM.
6. DOORS SHALL BE PERMITTED TO SWING INTO TURNING SPACES UNLESS OTHERWISE SPECIFIED.

N.T.S. 304 12.09.22 5

CLEAR FLOOR SPACE

CLEAR FLOOR SPACE NOTES:

1. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.
2. THE CLEAR FLOOR OR GROUND SPACE SHALL BE 30 INCHES MINIMUM BY 52 INCHES MINIMUM.
3. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE.
4. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO AN ELEMENT.
5. ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE SHALL ADJOIN AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER CLEAR FLOOR OR GROUND SPACE.
6. ALCOVES SHALL BE 36 INCHES WIDE MINIMUM WHERE THE DEPTH EXCEEDS 24 INCHES.
7. ALCOVES SHALL BE 60 INCHES WIDE MINIMUM WHERE THE DEPTH EXCEEDS 15 INCHES.

N.T.S. 305 12.09.22 1

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
1	03/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:

PM DESIGN
Architectural Solutions Group

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KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664
REGISTERED ARCHITECT
KENNETH McCRACKEN
STATE OF WASHINGTON
SIGNATURE DATE:
03/20/25
Seal 01366

PREPARED FOR:
McDonald's USA, LLC

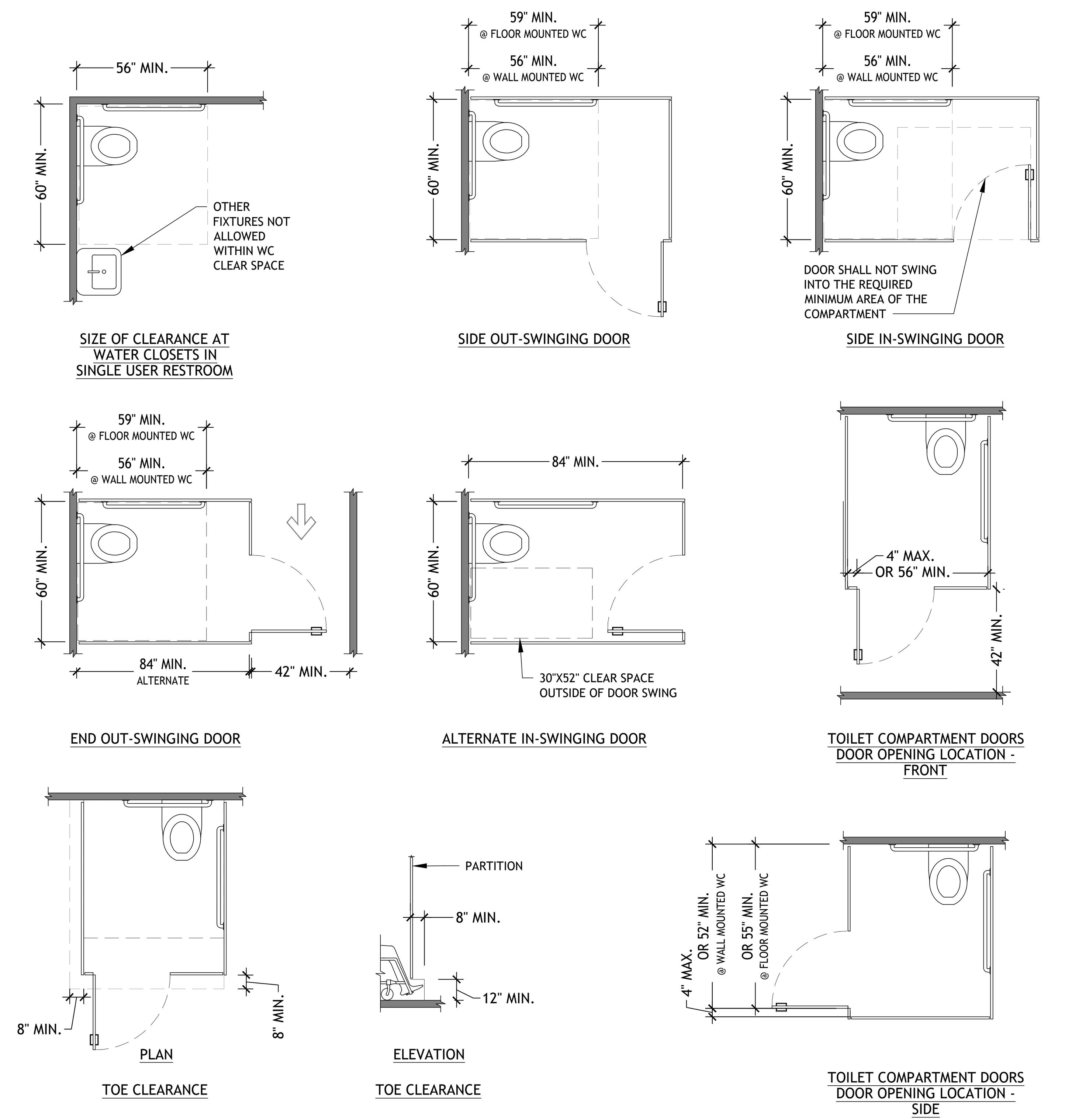
DRAWN BY
STD ISSUE DATE 12/10/24
REVIEWED BY HII
DATE ISSUED 03/20/25

TITLE
2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

DESCRIPTION
2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID 046–1180
SITE ADDRESS 2902 E Pioneer, Puyallup, WA 98372

SHEET NO.
046–1180.00.0
A0.12
ANSI 117.1 ADA DETAILS



SINGLE USER SIZE:

1. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES MINIMUM MEASURED PERPENDICULAR FROM THE SIDE WALL AND 56 INCHES MINIMUM MEASURED PERPENDICULAR FROM THE REAR WALL.

TOILET COMPARTMENT SIZE:

1. WHEELCHAIR ACCESSIBLE COMPARTMENTS SHALL BE 60 INCHES WIDE MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL, AND 56 INCHES DEEP MINIMUM FOR WALL HUNG WATER CLOSETS AND 59 INCHES DEEP MINIMUM FOR FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL.
2. WHERE AN ALTERNATE WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT IS PROVIDED, THE MINIMUM AREA OF THE COMPARTMENT SHALL BE 60 INCHES MINIMUM IN WIDTH, MEASURED PERPENDICULAR TO THE SIDE WALL, AND 84 INCHES MINIMUM IN DEPTH, MEASURED PERPENDICULAR TO THE REAR WALL.

TOILET COMPARTMENT DOORS:

1. TOILET COMPARTMENT DOORS, INCLUDING DOOR HARDWARE, SHALL COMPLY WITH SECTION 404 EXCEPT THAT IF THE APPROACH IS TO THE LATCH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE STALL AND ANY OBSTRUCTION SHALL BE 42 INCHES MINIMUM.
2. COMPARTMENT DOORS SHALL BE INSTALLED IN THE CORNER FARTHEST FROM THE WATER CLOSET.
   IF THE COMPARTMENT DOOR IS LOCATED ON THE FRONT WALL OR PARTITION, THE DOOR SHALL BE INSTALLED EITHER:
   - 56 INCHES MINIMUM FROM THE SIDE WALL OR PARTITION CLOSEST TO THE WATER CLOSET, OR -
   - 4 INCHES MIXIMUM FROM THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET
   IF THE COMPARTMENT DOOR IS LOCATED ON THE SIDE WALL OR PARTITION WITH A WALL-HUNG WATER CLOSET, THE DOOR SHALL BE INSTALLED EITHER:
   - 52 INCHES MINIMUM FROM THE REAR WALL
   - 4 INCHES MAXIMUM FROM THE FRONT WALL OR PARTITION
   IF THE COMPARTMENT DOOR IS LOCATED ON THE SIDE WALL OR PARTITION WITH A FLOOR MOUNTED WATER CLOSET, THE DOOR SHALL BE INSTALLED EITHER:
   - 55 INCHES MINIMUM FROM THE REAR WALL
   - 4 INCHES MAXIMUM FROM THE FRONT WALL OR PARTITION
3. THE DOOR SHALL BE SELF-CLOSING.
4. A DOOR PULL COMPLYING WITH SECTION 404.2.6 SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH.
5. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE.

TOE CLEARANCE:

1. THE FRONT PARTITION AND AT LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF 12 INCHES MINIMUM ABOVE THE FINISH FLOOR AND 8 INCHES DEEP MINIMUM BEYOND THE COMPARTMENT-SIDE FACE OF THE PARTITION, EXCLUSIVE OF PARTITION SUPPORT MEMBERS.
2. TOE CLEARANCE AT THE FRONT PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 64 INCHES IN DEPTH WITH A WALL-HUNG WATER CLOSET, OR GREATER THAN 67 INCHES IN DEPTH WITH A FLOOR-MOUNTED WATER CLOSET.
3. TOE CLEARANCE AT THE SIDE PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 68 INCHES WIDE.

AMBULATORY ACCESSIBLE COMPARTMENTS:

1. AMBULATORY ACCESSIBLE COMPARTMENTS SHALL HAVE A DEPTH OF 60 INCHES MINIMUM AND A WIDTH OF 35 INCHES MINIMUM TO 37 INCHES MAXIMUM.
2. AMBULATORY ACCESSIBLE TOILET COMPARTMENT DOORS, INCLUDING DOOR HARDWARE, SHALL COMPLY WITH SECTION 404, EXCEPT THAT IF THE APPROACH IS TO THE LATCH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 42 INCHES MINIMUM. THE DOOR SHALL BE SELF-CLOSING. A DOOR PULL COMPLYING WITH SECTION 404.2.6 SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH. TOILET COMPARTMENT DOORS SHALL NOT SWING INTO THE MINIMUM REQUIRED COMPARTMENT AREA.

OVERLAP:

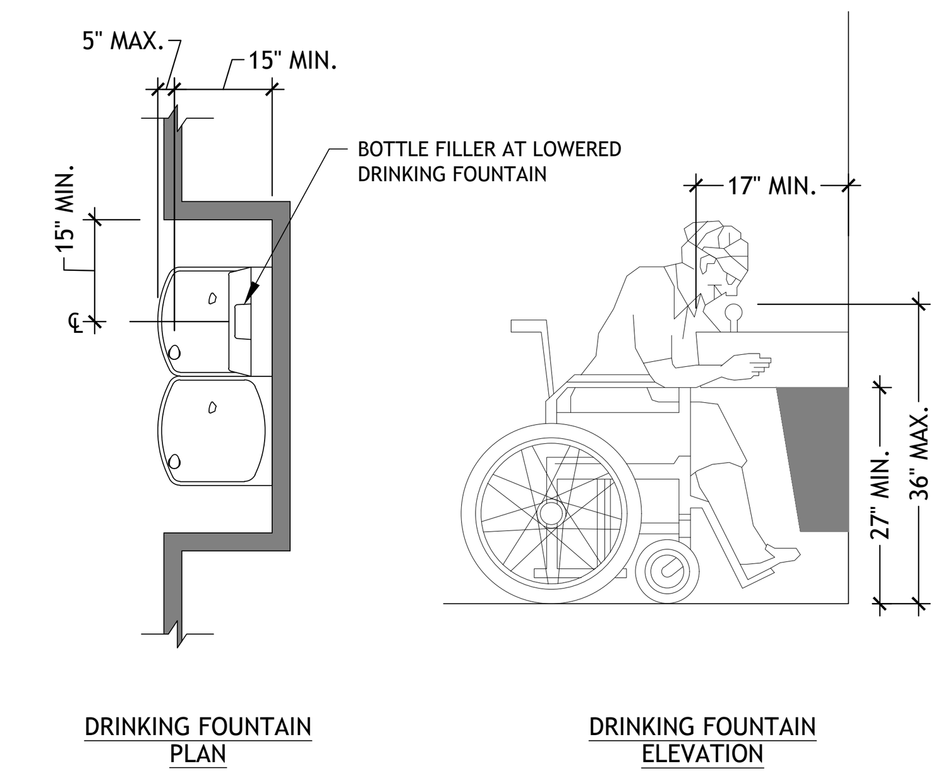
1. THE REQUIRED CLEARANCE AROUND THE WATER CLOSET SHALL BE PERMITTED TO OVERLAP THE WATER CLOSET, ASSOCIATED GRAB BARS, DISPENSERS, SANITARY NAPKIN DISPOSAL UNITS, COAT HOOKS, SHELVES, ACCESSIBLE ROUTES, CLEAR FLOOR SPACE AND CLEARANCES REQUIRED AT OTHER FIXTURES, AND THE TURNING SPACE. NO OTHER FIXTURES OR OBSTRUCTIONS SHALL BE LOCATED WITHIN THE REQUIRED WATER CLOSET CLEARANCE.

WATER CLOSET:

1. THE WATER CLOSET SHALL BE POSITIONED WITH A WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 16 INCHES MINIMUM TO 18 INCHES MAXIMUM FROM THE SIDE WALL OR PARTITION, EXCEPT THAT THE WATER CLOSET SHALL BE 17 INCHES MINIMUM AND 19 INCHES MAXIMUM FROM THE SIDE WALL OR PARTITION IN THE AMBULATORY ACCESSIBLE TOILET COMPARTMENT.
2. THE SEAT HEIGHT OF A WATER CLOSET ABOVE THE FINISH FLOOR SHALL BE 17 INCHES MINIMUM AND 19 INCHES MAXIMUM MEASURED TO THE TOP OF THE SEAT. SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION. SEATS SHALL BE 2 INCHES HIGH MAXIMUM.
3. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH SECTIONS 309.2 AND 309.4 AND SHALL BE INSTALLED 36 INCHES MAXIMUM ABOVE THE FLOOR. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET.
4. IN AMBULATORY ACCESSIBLE TOILET COMPARTMENTS COMPLYING WITH SECTION 604.10, FLUSH CONTROLS SHALL BE PERMITTED TO BE LOCATED ON EITHER SIDE OF THE WATER CLOSET.

TOILET ROOMS & COMPARTMENTS

N.T.S. | 603, 604 | 12.09.22 | 11



DRINKING FOUNTAIN NOTES:

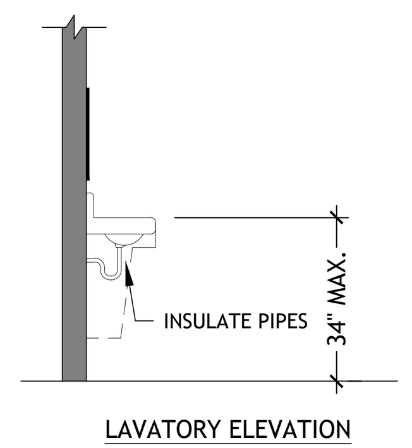
1. NO FEWER THAN TWO DRINKING FOUNTAINS SHALL BE PROVIDED. WHEN PROVIDED, ONE LOWERED DRINKING FOUNTAIN AND ONE DRINKING FOUNTAIN FOR STANDING PERSONS SHALL BE PROVIDED.
2. WHERE A SINGLE DRINKING FOUNTAIN FOR STANDING AND SEATING PERSONS IS PROVIDED, IT SHALL BE PERMITTED TO BE SUBSTITUTED FOR TWO SEPARATE DRINKING FOUNTAINS.
3. UNITS SHALL HAVE A CLEAR FLOOR OR GROUND SPACE POSITIONED FOR A FORWARD APPROACH AND CENTERED ON THE UNIT.
4. KNEE AND TOE CLEARANCE SHALL BE PROVIDED.
5. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS.
6. SPOUT OUTLETS SHALL BE 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
7. THE SPOUT SHALL BE LOCATED 15 INCHES MINIMUM FROM THE VERTICAL SUPPORT AND 5 INCHES MAXIMUM FROM THE FRONT EDGE OF THE UNIT, INCLUDING BUMPERS.
8. THE SPOUT SHALL PROVIDE A FLOW OF WATER 4 INCHES HIGH MINIMUM. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE UNIT. WHERE SPOUTS ARE LOCATED LESS THAN 3 INCHES OF THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAXIMUM. WHERE SPOUTS ARE LOCATED BETWEEN 3 INCHES AND 5 INCHES MAXIMUM FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAXIMUM.
9. SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 38 INCHES MINIMUM AND 43 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

BOTTLE FILLING STATION NOTES:

1. WHERE BOTTLE FILLING STATIONS ARE PART OF THE DRINKING FOUNTAIN FOR PERSONS WHO ARE STANDING, THE BOTTLE FILLING STATION IS NOT REQUIRED TO COMPLY WITH THIS SECTION PROVIDED A BOTTLE FILLING STATION IS LOCATED AT THE DRINKING FOUNTAIN FOR PERSONS USING WHEELCHAIRS.
2. A CLEAR FLOOR SPACE POSITIONED FOR A FORWARD OR SIDE APPROACH SHALL BE PROVIDED.
3. CONTROLS FOR BOTTLE FILLING STATIONS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED CONTROLS SHALL COMPLY WITH SECTION 309.

DRINKING FOUNTAINS

N.T.S. | 1109.5, 602 | 12.09.22 | 4



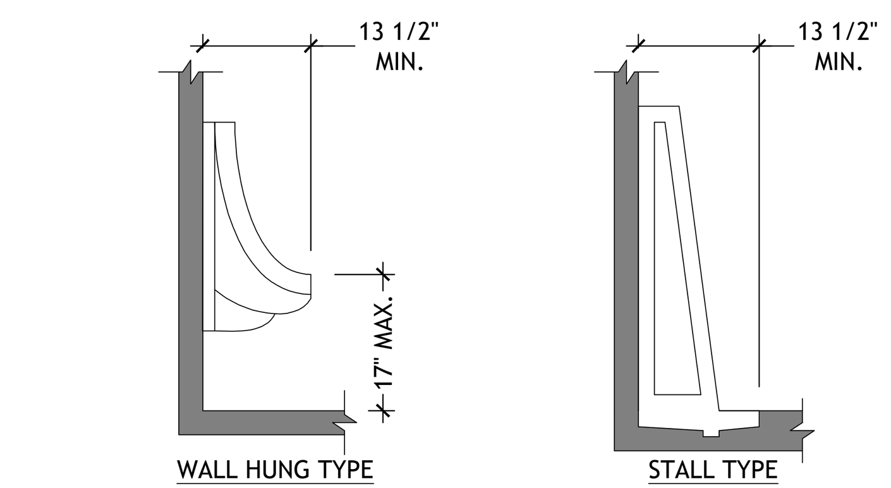
LAVATORY ELEVATION

LAVATORY NOTES:

1. A CLEAR FLOOR SPACE POSITIONED FOR A FORWARD APPROACH, AND KNEE AND TOE CLEARANCE SHALL BE PROVIDED.
2. THE DIP OF THE OVERFLOW SHALL NOT BE CONSIDERED IN DETERMINING KNEE AND TOE CLEARANCES.
3. LAVATORIES AND SINKS SHALL BE INSTALLED WITH THE FRONT OF THE HIGHER OF THE RIM OR COUNTER SURFACE 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
4. CONTROLS FOR FAUCETS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS. HAND-OPERATED METERING FAUCETS SHALL REMAIN OPEN FOR 10 SECONDS MINIMUM.
5. WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS.

LAVATORIES

N.T.S. | 606 | 12.09.22 | 7



WALL HUNG TYPE | STALL TYPE

URINAL NOTES:

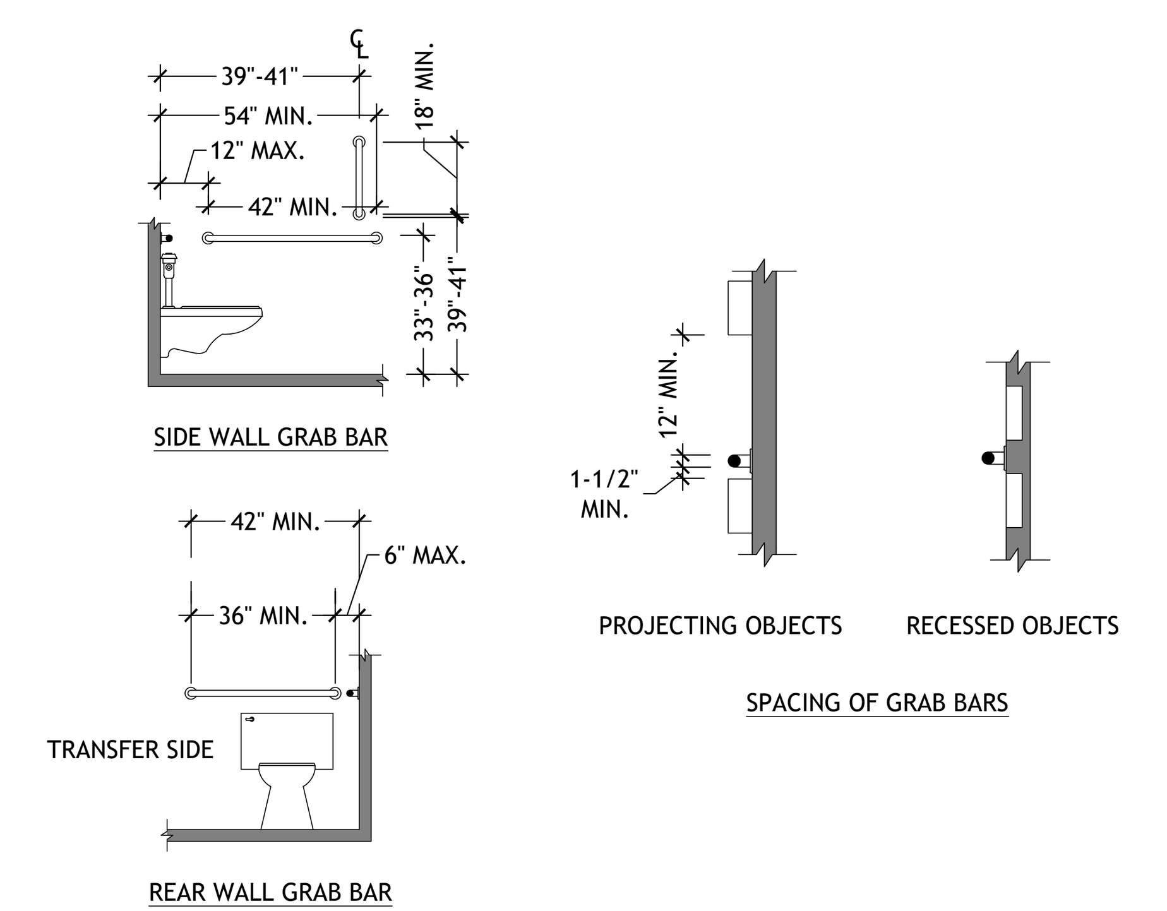
1. URINALS SHALL BE THE STALL-TYPE OR THE WALL-HUNG TYPE WITH THE RIM 17 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
2. URINALS SHALL BE 13-1/2 INCHES MINIMUM MEASURED FROM THE OUTER FACE OF THE URINAL RIM TO THE BACK OF THE FIXTURE.
3. A CLEAR FLOOR OR GROUND SPACE POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED.
4. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS.

URINALS

N.T.S. | 605 | 12.09.22 | 3

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

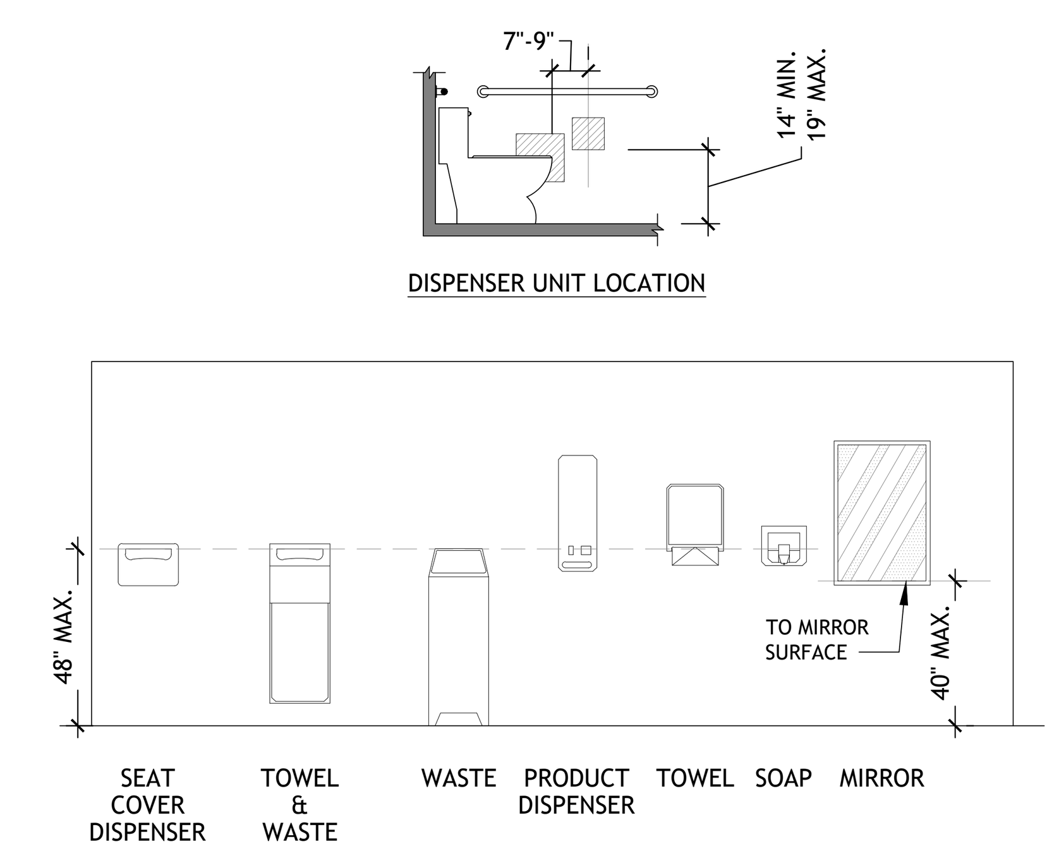


GRAB BAR NOTES:

1. GRAB BARS SHALL BE PROVIDED ON THE SIDE WALL CLOSEST TO THE WATER CLOSET AND ON THE REAR WALL.
2. THE SIDE WALL GRAB BAR SHALL BE 42 INCHES LONG MINIMUM, LOCATED 12 INCHES MAXIMUM FROM THE REAR WALL AND EXTENDING 54 INCHES MINIMUM FROM THE REAR WALL.
3. A VERTICAL GRAB BAR 18 INCHES MINIMUM IN LENGTH SHALL BE MOUNTED WITH THE BOTTOM OF THE BAR LOCATED 39 INCHES MINIMUM AND 41 INCHES MAXIMUM ABOVE THE FLOOR, AND WITH THE CENTER LINE OF THE BAR LOCATED 39 INCHES MINIMUM AND 41 INCHES MAXIMUM FROM THE REAR WALL.
4. THE REAR WALL GRAB BAR SHALL BE 36 INCHES LONG MINIMUM BE LOCATED 6" MAXIMUM FROM THE SIDE WALL AND EXTEND 42" MINIMUM FROM THE SIDE WALL.
5. THE REAR GRAB BAR SHALL BE PERMITTED TO BE 24 INCHES LONG MINIMUM, CENTERED ON THE WATER CLOSET, WHERE WALL SPACE DOES NOT PERMIT A LENGTH OF 36 INCHES MINIMUM DUE TO THE LOCATION OF A RECESSED FIXTURE ADJACENT TO THE WATER CLOSET.
6. GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1-1/4 INCHES MINIMUM AND 2 INCHES MAXIMUM.
7. THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1-1/2 INCHES. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1-1/2 INCHES MINIMUM. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12 INCHES MINIMUM.
8. GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 INCHES MINIMUM AND 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE.
9. GRAB BARS AND ANY WALL OR OTHER SURFACES ADJACENT TO GRAB BARS SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED EDGES.
10. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
11. GRAB BARS SHALL BE INSTALLED IN ANY MANNER THAT PROVIDES A GRIPPING SURFACE AT THE SPECIFIED LOCATIONS AND THAT DOES NOT OBSTRUCT THE REQUIRED CLEAR FLOOR SPACE.
12. ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS IS APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE.

WATER CLOSET GRAB BARS

N.T.S. | 604, 609 | 12.09.22 | 10



TOILET ROOM ACCESSORIES

CLEAR SPACE:

1. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE.
2. WHERE THE TOILET ROOM OR BATHING ROOM IS FOR INDIVIDUAL USE AND A 30 INCH X 48 INCH CLEAR FLOOR SPACE IS PROVIDED WITHIN THE ROOM BEYOND THE ARC OF THE DOOR SWING, DOORS SHALL BE PERMITTED TO SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE

TOILET ROOM ACCESSORIES:

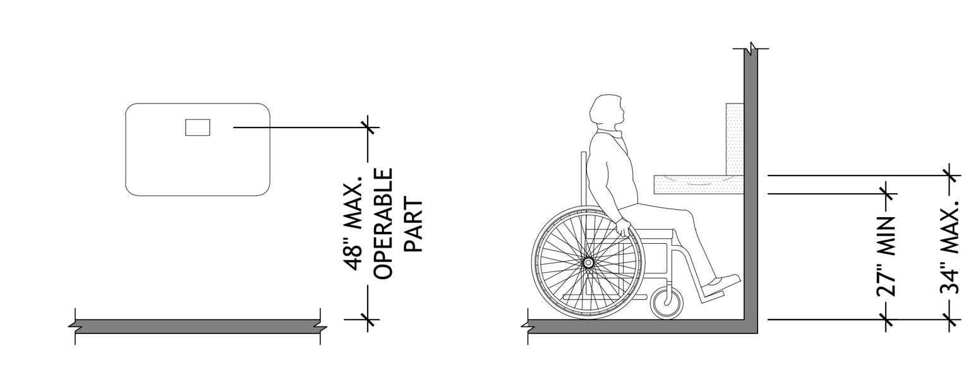
1. MIRRORS LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
2. COAT HOOKS SHALL BE LOCATED WITHIN 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR.
3. SHELVES SHALL BE LOCATED 40 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR.
4. WHERE TOWEL OR SANITARY NAPKIN DISPENSERS, WASTE RECEPTACLES, OR OTHER ACCESSORIES ARE PROVIDED IN TOILET FACILITIES, AT LEAST ONE OF EACH TYPE SHALL BE LOCATED ON AN ACCESSIBLE ROUTE. ALL OPERABLE PARTS, INCLUDING COIN SLOTS, SHALL BE 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR.
5. TOILET PAPER DISPENSERS SHALL BE 7 INCHES MINIMUM AND 9 INCHES MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE BELOW THE GRAB BAR, 18 INCHES MINIMUM ABOVE THE FINISH FLOOR AND SHALL NOT BE LOCATED BEHIND GRAB BARS. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROLS DELIVERY OR THAT DOES NOT ALLOW CONTINUOUS PAPER FLOW.

TOILET ROOM ACCESSORIES

N.T.S. | 603, 604 | 12.09.22 | 2

BABY CHANGING STATION NOTES:

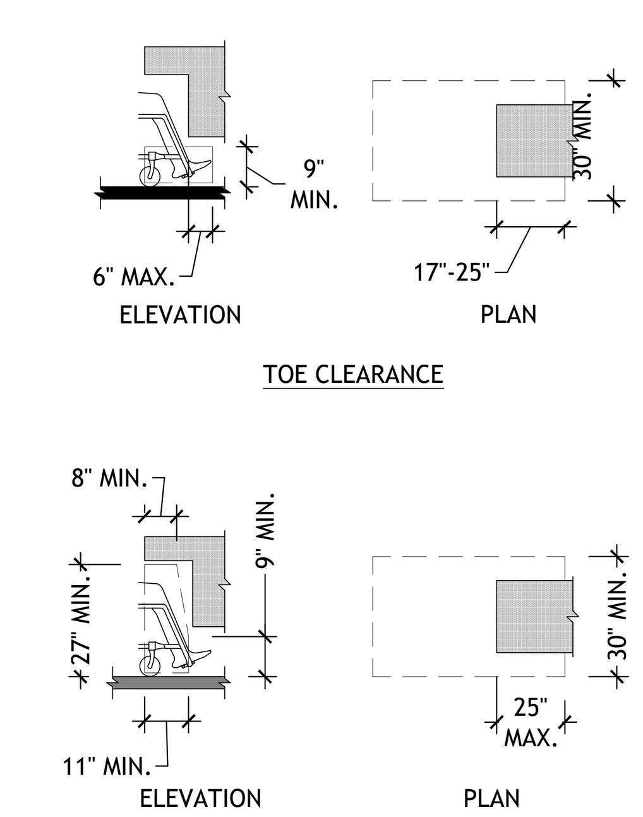
1. BABY DIAPER CHANGING STATIONS WHEN DEPLOYED SHALL NOT OBSTRUCT THE REQUIRED WIDTH OF AN ACCESSIBLE ROUTE.
2. OPERABLE PARTS SHALL BE PLACED WITHIN ONE OR MORE OF THE REACH RANGES SPECIFIED IN SECTION 308.
3. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS (22.2 N) MAXIMUM.
4. A CLEAR FLOOR SPACE COMPLYING WITH SECTION 305 POSITIONED FOR A FORWARD APPROACH SHALL BE PROVIDED. KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 306 SHALL BE PROVIDED.
5. THE TOPS OF BABY CHANGING STATIONS SHALL BE 28 INCHES MINIMUM AND 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.



BABY CHANGING STATION IN CLOSED POSITION | BABY CHANGING STATION IN OPEN POSITION

BABY CHANGING STATIONS

N.T.S. | 603.5 | 12.09.22 | 9



TOE CLEARANCE:

1. SPACE UNDER AN ELEMENT BETWEEN THE FINISH FLOOR OR GROUND AND 9 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED TOE CLEARANCE.
2. TOE CLEARANCE SHALL EXTEND 25 INCHES MAXIMUM UNDER AN ELEMENT.
3. WHERE TOE CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17 INCHES MINIMUM BENEATH THE ELEMENT.
4. SPACE EXTENDING GREATER THAN 6 INCHES BEYOND THE AVAILABLE KNEE CLEARANCE AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL NOT BE CONSIDERED TOE CLEARANCE.
5. TOE CLEARANCE SHALL BE 30 INCHES WIDE MINIMUM.

KNEE CLEARANCE:

1. SPACE UNDER AN ELEMENT BETWEEN 9 INCHES AND 27 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED KNEE CLEARANCE.
2. KNEE CLEARANCE SHALL EXTEND 25 INCHES MAXIMUM UNDER AN ELEMENT AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND.
3. WHERE KNEE CLEARANCE IS REQUIRED UNDER AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE KNEE CLEARANCE SHALL BE 11 INCHES DEEP MINIMUM AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND, AND 8 INCHES DEEP MINIMUM AT 27 INCHES ABOVE THE FINISH FLOOR OR GROUND.
4. BETWEEN 9 INCHES AND 27 INCHES ABOVE THE FINISH FLOOR OR GROUND, THE KNEE CLEARANCE SHALL BE PERMITTED TO REDUCE AT A RATE OF 1 INCH IN DEPTH FOR EACH 6 INCHES IN HEIGHT.
5. KNEE CLEARANCE SHALL BE 30 INCHES WIDE MINIMUM.

TOE & KNEE CLEARANCE

N.T.S. | 306 | 12.09.22 | 1

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
1	03/20/25	PLAN CHECK COMMENTS	HII

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PHONE: (707) 655-4733
EMAIL: HIBRAHIM@PMDGINC.COM
KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664 REGISTERED ARCHITECT
KENNETH McCRACKEN
STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25
Seal 01366

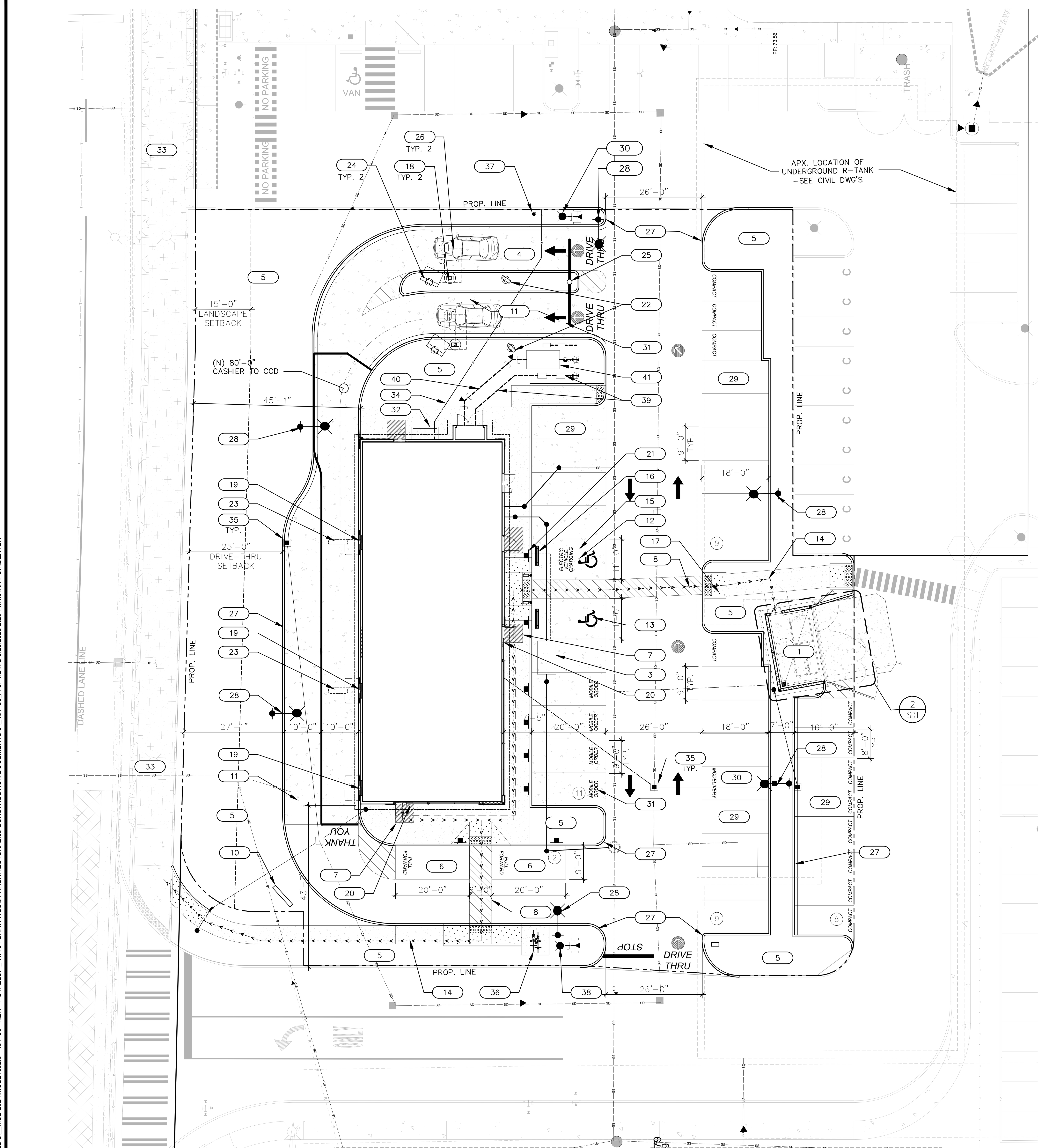
PREPARED FOR: McDonald's USA, LLC

DRAWN BY | STD ISSUE DATE 12/10/24 | REVIEWED BY HII | DATE ISSUED 03/20/25

TITLE: 2024 STANDARD BUILDING – BB20 3898 – PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS, WOOD ROOF TRUSS FRAMING, STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1180 | SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

MCD24092.0 – PUYALLUP, WA

SHEET NO. 046-1180.00.0
A0.13
ANSI 117.1 ADA DETAILS



1 SP1 SITE PLAN
1/16" = 1'-0"

NOTE:
THIS SHEET IS FOR REFERENCE.
REFER TO CIVIL DRAWINGS FOR
ALL SITE WORK.

NORTH

PROJECT INFORMATION

ASSESSOR'S PARCEL NUMBER: 0420264021

PROPOSED USE: RESTAURANT

ZONING: GC – GENERAL COMMERCIAL

TOTAL PARCEL: 35,300 S.F. (0.82 ACRES)

PARKING REQUIREMENT: 1 STALL/ 100 S.F.
PARKING REQUIRED: 39
PARKING PROVIDED: 39

PROPOSED BUILDING AREA: ±3,854 S.F.

BUILDING SETBACK –
FRONT: 10'–0"
CORNER: 10'–0"
SIDE: 0'–0"
REAR: 0'–0"

LANDSCAPE: 10% OF LOT AREA

PARKING INFORMATION

TOTAL SPACES				
39	ACCESSIBLE	2 SPACES	11' X 20' @ 90°	
	STANDARD	9 SPACES	9' X 20' @ 90°	
	STANDARD	18 SPACES	9' X 18' @ 90°	
	COMPACT	8 SPACES	8' X 16' @ 90°	
	PULL FORWARD	2 SPACES	9' X 20' @ 0°	

SITE ACCESSIBILITY ENTRANCE SIGNS

AT EVERY PRIMARY PUBLIC ENTRANCE AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL, THERE SHALL BE A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. SIGNS SHALL INDICATE THE DIRECTION TO ACCESSIBLE BUILDINGS ENTRANCES AND FACILITIES.

Multiple Site Plans were submitted. The Building inspector must be provided with the Site Plan that has the Planning Department's stamp during inspection.

KEYNOTES

MARK		DETAIL
1	TRASH ENCLOSURE w/ CONC APRON, & SIDEWALK. PER LOCAL SANITATION DEPARTMENT STANDARDS. INCLUDE HOT / COLD TAP, DRAIN w/ P–TRAP, OUTLET & LIGHT.	2/SD1
2	NOT USED.	–
3	GREASE INTERCEPTOR w/ CONC. PAD SUPPLIED AND INSTALLED BY G.C., SEE CIVIL & PLUMBING DRAWINGS.	CIVIL
4	DOUBLE DRIVE THRU LAYOUT & SIGNAGE BY OTHERS	CIVIL
5	LANDSCAPING (TYP.)	BY OTHERS
6	PULL FORWARD PARKING. SIGNAGE BY OTHERS (TYP. OF 2)	–
7	5'x5' MIN. LEVEL LANDING. 2% MAX SLOPE IN ANY DIRECTION	–
8	PAVEMENT STRIPPING (SIM.)	–
9	NOT USED.	–
10	MONUMENT SIGN UNDER SEPARATE BY OTHERS	MEP
11	CONCRETE PAVING AT DRIVE THRU & APPROACH	CIVIL
12	VAN ACCESSIBLE PARKING STALL. PAINT SYMBOL OF ACCESSIBILITY (36" X 36")	CIVIL
13	ACCESSIBLE PARKING STALL. PAINT SYMBOL OF ACCESSIBILITY (36" X 36")	CIVIL
14	ACCESSIBLE WALK / PATH OF TRAVEL, WALK TO BE FREE FROM ABRUPT CHANGES IN LEVEL. WALK NOT TO EXCEED 5% SLOPE IN DIRECTION OF TRAVEL & 2% CROSS SLOPE	CIVIL
15	CONCRETE SLAB AT ACCESSIBLE STALLS, TO BE FREE FROM ABRUPT CHANGES IN LEVEL OF MORE THAN 1/4". 2% MAX SLOPE IN ALL DIRECTIONS.	CIVIL
16	CONCRETE WHEEL STOP (TYP.)	CIVIL
17	ACCESSIBLE CURB RAMP / SLOPED WALK	CIVIL
18	ACCESSIBLE INFORMATIONAL ASSISTANCE SIGN AT ORDER STATION	7/CVR2
19	PRESENTER / CASHIER WINDOW CUSTOMER ASSISTANCE SIGN	8/CVR2
20	ACCESSIBLE ENTRANCE DOOR SIGN	10/CVR2
21	ACCESSIBLE PARKING SIGNAGE	CIVIL
22	PRE SELL BOARD UNDER SEPARATE BY OTHERS (TYP.)	CIVIL
23	VEHICLE LOOP DETECTOR. VERIFY WITH (N) DT WINDOW	CIVIL
24	DIGITAL MENU BOARD UNDER SEPARATE BY OTHERS (TYP.)	CIVIL
25	VEHICLE CLEARANCE BAR UNDER SEPARATE BY OTHERS (TYP.)	CIVIL
26	CUSTOMER ORDER CANOPY UNDER SEPARATE BY OTHERS (TYP.)	CIVIL
27	CONC CURB	CIVIL
28	YARD LIGHT BY OTHERS (TYP.)	MEP
29	PARKING STALLS BY OTHERS	CIVIL
30	McDELIVERY PARKING STALL. SIGNAGE BY OTHERS	–
31	MOBILE ORDER PARKING STALL. SIGNAGE BY OTHERS (TYP. OF 4)	–
32	CT CABINET AND ELECTRICAL METER BY OTHERS	MEP
33	PUBLIC SIDEWALK, CURB & GUTTER BY OTHERS	–
34	UNDERGROUND ELECTRICAL LINE BY OTHERS	CIVIL
35	CATCH BASIN BY OTHERS	CIVIL
36	BICYCLE RACKS BY OTHERS	CIVIL
37	FDC BY OTHERS	CIVIL
38	RELOCATED FIRE HYDRANT BY OTHERS	CIVIL
39	WATER METER AND DOMESTIC WATER LINE BY OTHERS	CIVIL
40	UNDERGROUND FIRE WATER LINE BY OTHERS	CIVIL
41	RELOCATED DDCVA VAULT W/ BACKFLOW PREVENTER BY OTHERS	CIVIL

City of Puyallup
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LEGEND

℄ = CENTER LINE
COL. = COLUMN
(E) = EXISTING
EQ. = EQUAL
F.O.C. = FACE OF CURB
F.O.S. = FACE OF STUD
F.O.F. = FACE OF FOUNDATION
(N) = NEW
P.O.C. = POINT OF CURVATURE
R = RADIUS
R.O.W. = RIGHT OF WAY
SHT. = SHEET
SIM. = SIMILAR
TYP. = TYPICAL
FSE = FINISH SLAB ELEVATION

PARCEL LINE
(N) CONCRETE CURB
(N) CONCRETE SIDEWALK
(N) CONCRETE PAVING
(N) PAVEMENT ARROWS (PAINTED WHITE)
(N) DRIVE THRU STRIPING (PAINTED YELLOW)
ACCESSIBLE PATH OF TRAVEL

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
1	03/20/25	PLAN CHECK COMMENTS	HII
	04/29/25	ISSUED FOR BID	HII
2	05/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:
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KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664 REGISTERED ARCHITECT
KENNETH McCRACKEN
STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25
Seal

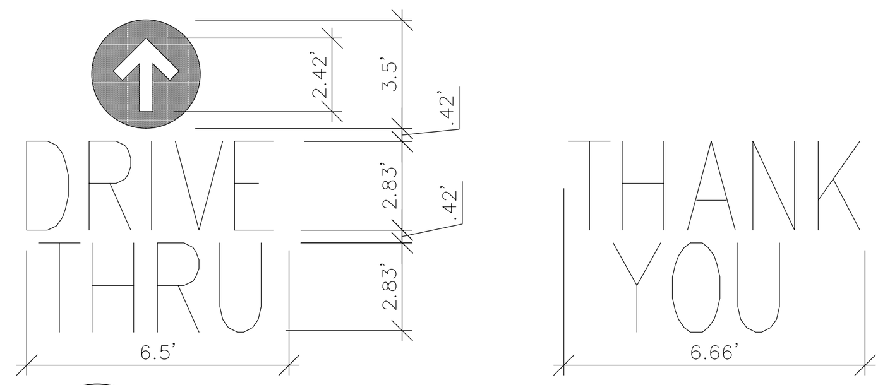
PREPARED FOR:
McDonald's USA, LLC

DRAWN BY
STD ISSUE DATE 12/10/24
REVIEWED BY HII
DATE ISSUED 05/20/25

TITLE
2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION
2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ADDRESS
3902 E Pioneer, Puyallup, WA 98372
SITE ID
046-1180
MCD24092.0 – PUYALLUP, WA

046-1180.00.0
SP1
SITE PLAN

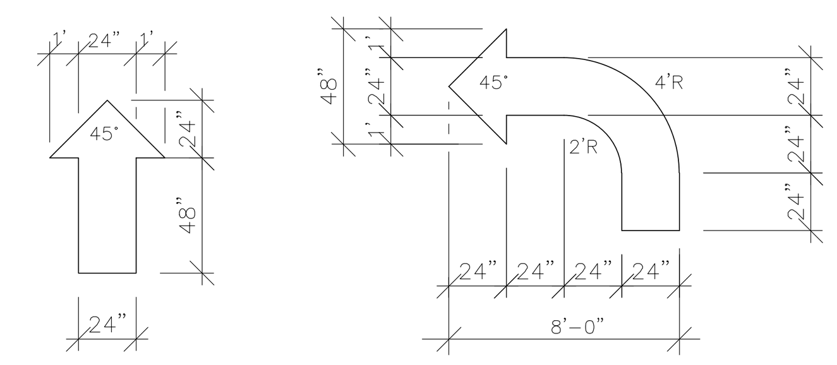
PAVEMENT BRANDING NOTES:
1. YELLOW PAINT IS USED FOR ALL DRIVE–THRU MARKINGS
2. THE WORDS 'DRIVE THRU' AND THE CIRCLE ARROW ARE PLACED AT ALL ENTRANCES TO THE LOT APPROX. 25'–0" TO 30'–0" FROM THE CURB OR SIDEWALK
3. THE WORDS 'DRIVE THRU' SHOULD BE CENTERED IN THE DRIVEWAY FOR ONE WAY TRAFFIC (ON THE INGRESS SIDE OF THE DRIVE AISLE IF THERE IS TWO WAY TRAFFIC)
4. THE CIRCLE DIRECTIONAL ARROW SHOULD BE CENTERED ABOVE THE WORD 'DRIVE' APPROXIMATELY 5'–0" INTO THE PARKING LOT.
5. THE CIRCLE DIRECTIONAL ARROW SHOULD BE SPACED EVERY 40'–0" TO 60'–0"
6. IF FIVE OR MORE ARROWS ARE NEEDED TO DIRECT CARS TO THE DRIVE–THRU, PLAN THE CORRECT PLACEMENT OF THE ARROWS TO INCLUDE THE APPLICATION OF THE WORD 'DRIVE THRU' WITH AN ARROW CENTERED ABOVE THE WORD 'DRIVE', ORIENTED TO THE DECISION POINT.
7. THE DOUBLE–HEADED ARROW FOR A SIDE–BY–SIDE DRIVE–THRU SHOULD BE POSITIONED TO DIRECT TRAFFIC TO EITHER LANE, AS CARS APPROACH TO THE ISLAND. EACH ARROW MUST BE CUSTOMIZED TO FIT THE LANE CONFIGURATION.



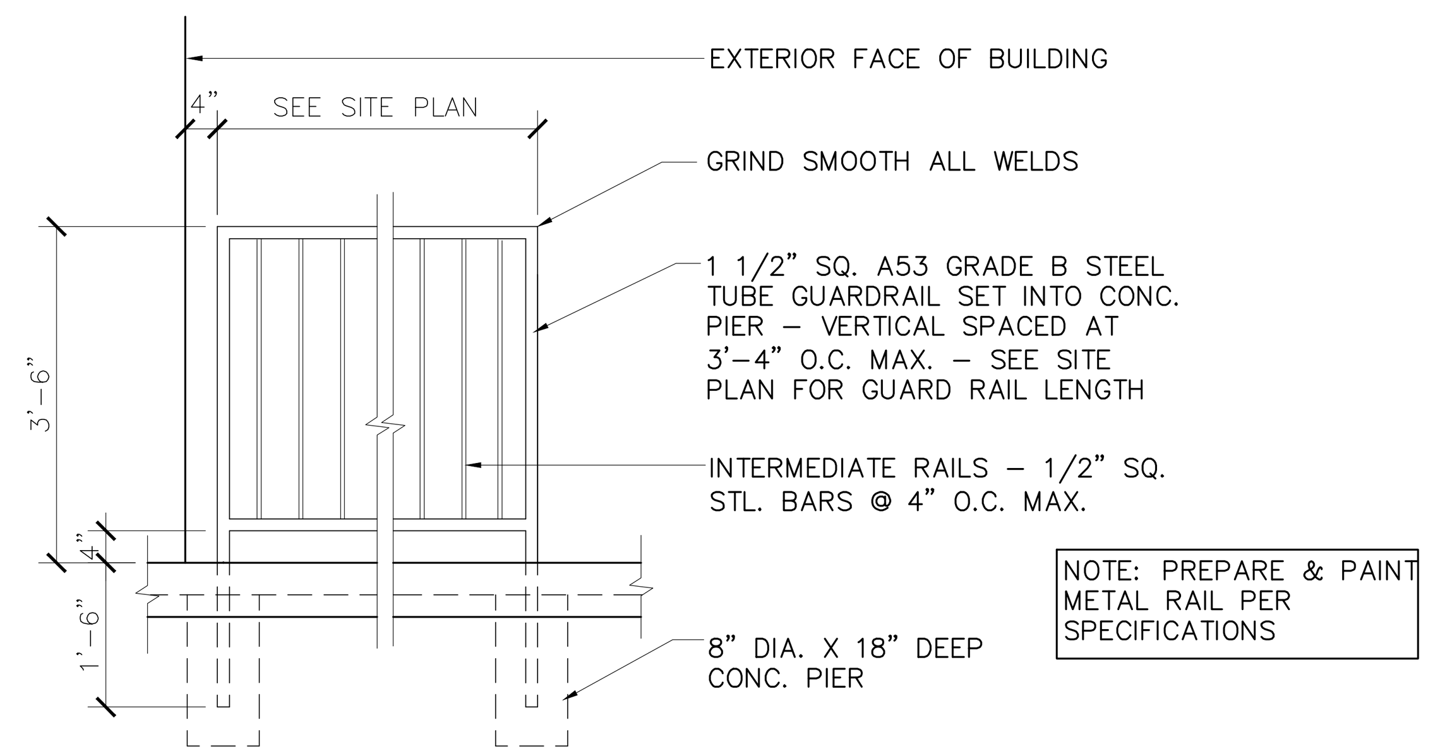
12 / SD1 PAVEMENT BRANDING
NTS

TRAFFIC & LANE MARKINGS:

APPLY 2 COATS OF CHLORINATED RUBBER–TYPE TRAFFIC–LANE MARKING PAINT OVER CLEANED PAVING SURFACE ACCORDING TO LAYOUT SHOWN ON THE SITE PLAN. PAINT WHITE OR AS REQUIRED BY CITY CODE.

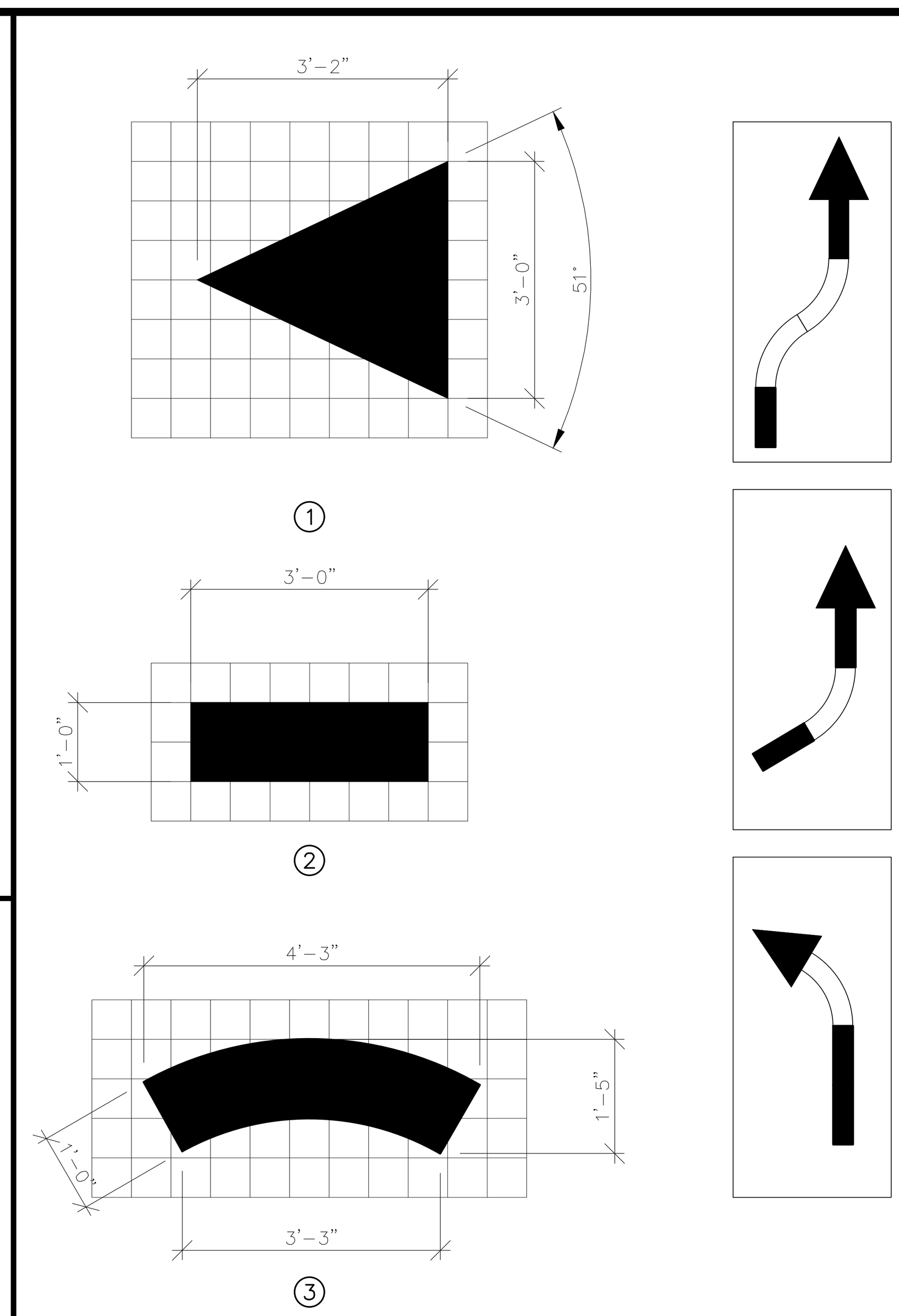


7 / SD1 PAVEMENT ARROWS
NTS



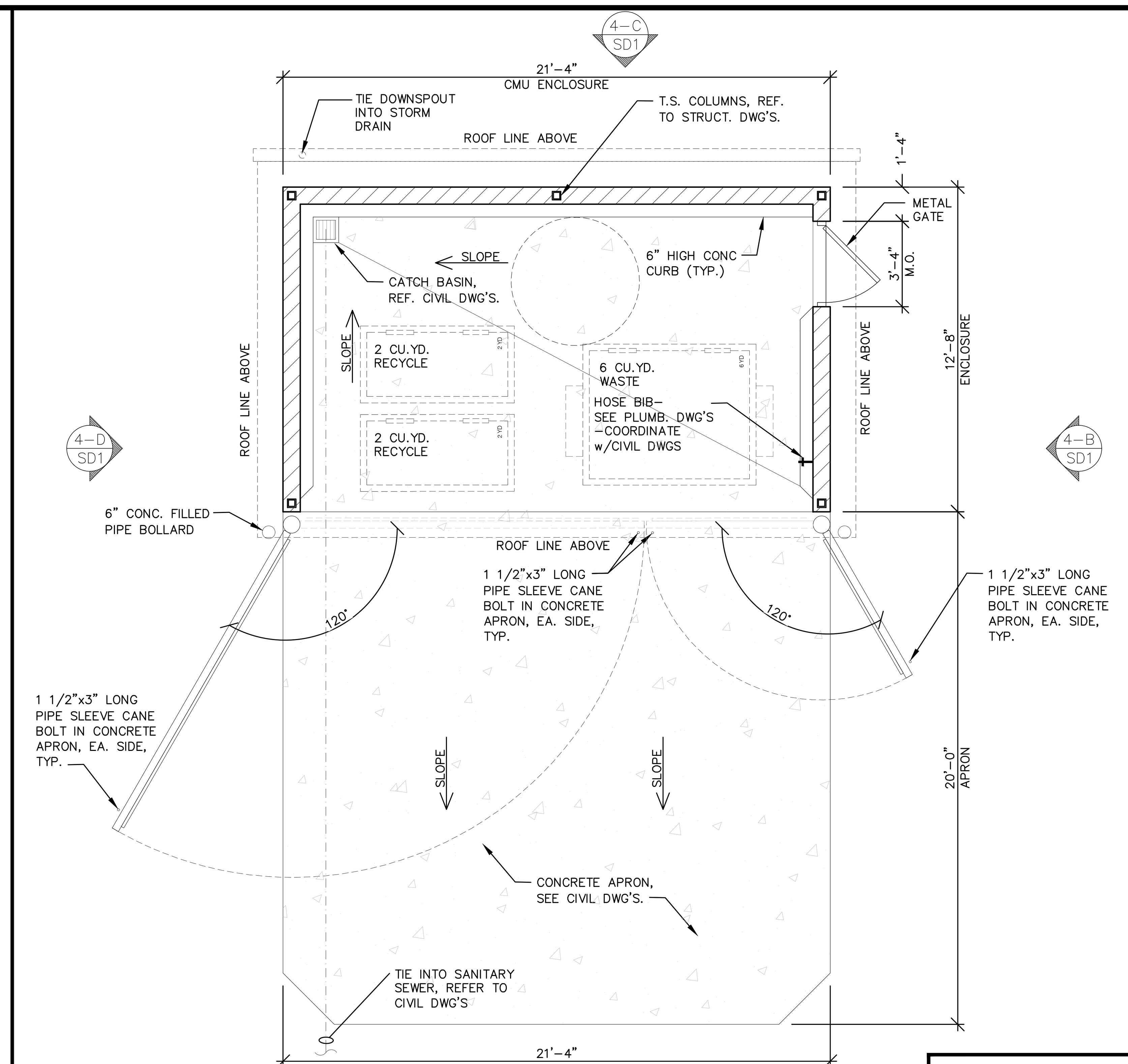
NOTE: PREPARE & PAINT METAL RAIL PER SPECIFICATIONS

13 / SD1 GUARD RAIL DETAIL
1/2" = 1'–0"



NOTES:
1. ALL PAINT MARKINGS TO BE APPLIED TO ASPHALT WHEN OUTDOOR TEMPERATURE EXCEEDS +8° MINIMUM
2. ALL PARKING STALL MARKINGS SHALL BE PAINTED WHITE.
3. ALL DRIVE THRU MARKINGS SHALL BE PAINTED YELLOW, INCLUDING 'DRIVE THRU', 'ENTER', 'THANK YOU' ALL DIRECTIONAL ARROWS AND DRIVE THRU LANE MARKINGS.
4. DRIVE THRU PAINT SHALL CONTAIN GLASS CRYSTALS FOR ILLUMINATION.
5. CONTACT:
   'PAVEMENT STENCIL COMPANY"
   P.O. BOX 915755
   LONGWOOD, FLORIDA, 32791
   PHONE: 1–800–250–5547
   FAX: 407–339–9342

6 / SD1 DIRECTIONAL ARROWS TEMPLATES
NTS



2 / SD1 ENLARGED TRASH ENCLOSURE
1/4" = 1'–0"

NOTE:
1. PROVIDE PLYWOOD BACKING ON BACK OF TRASH ENCLOSURE DOORS.

City of Puyallup	
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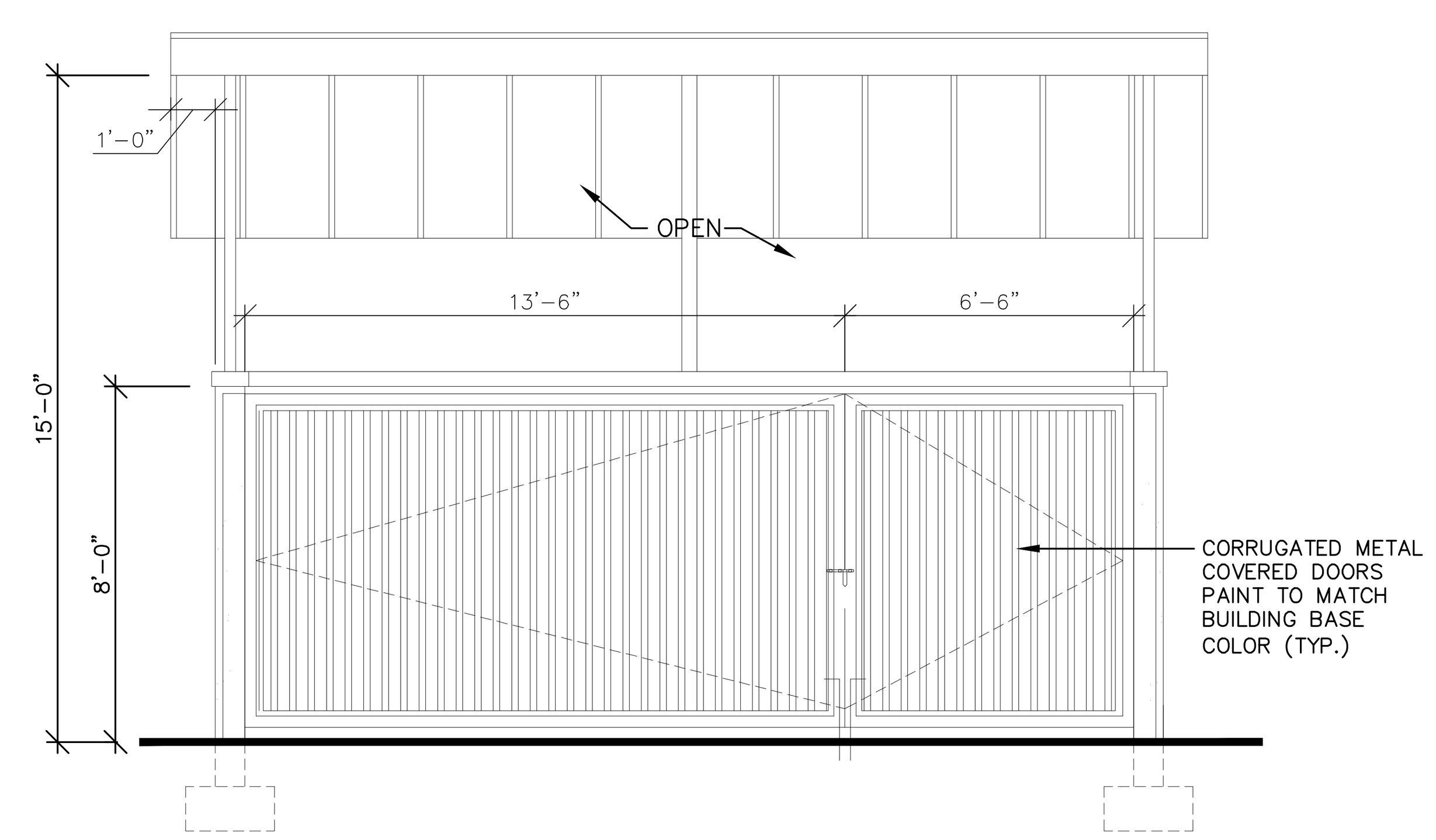
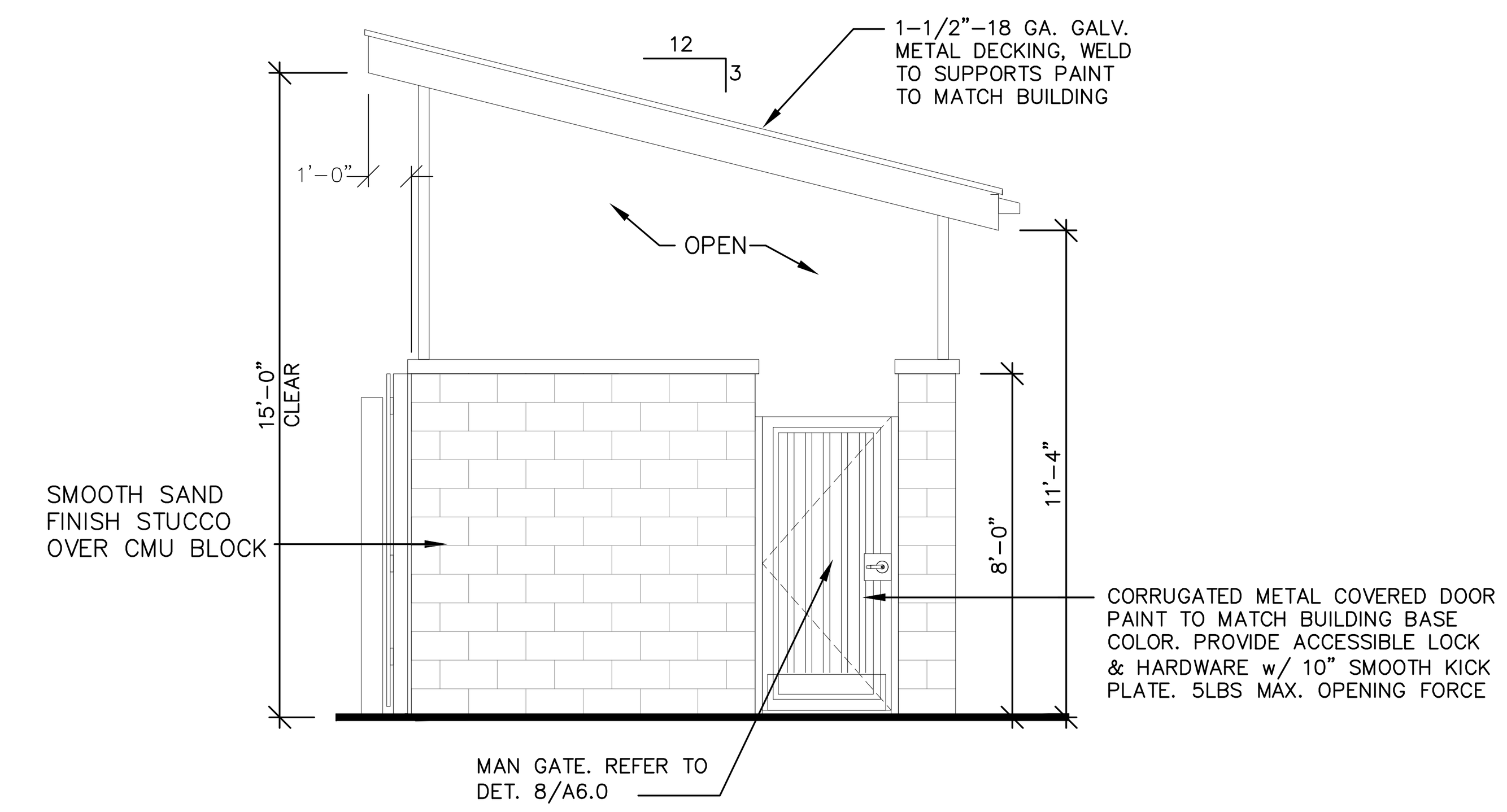
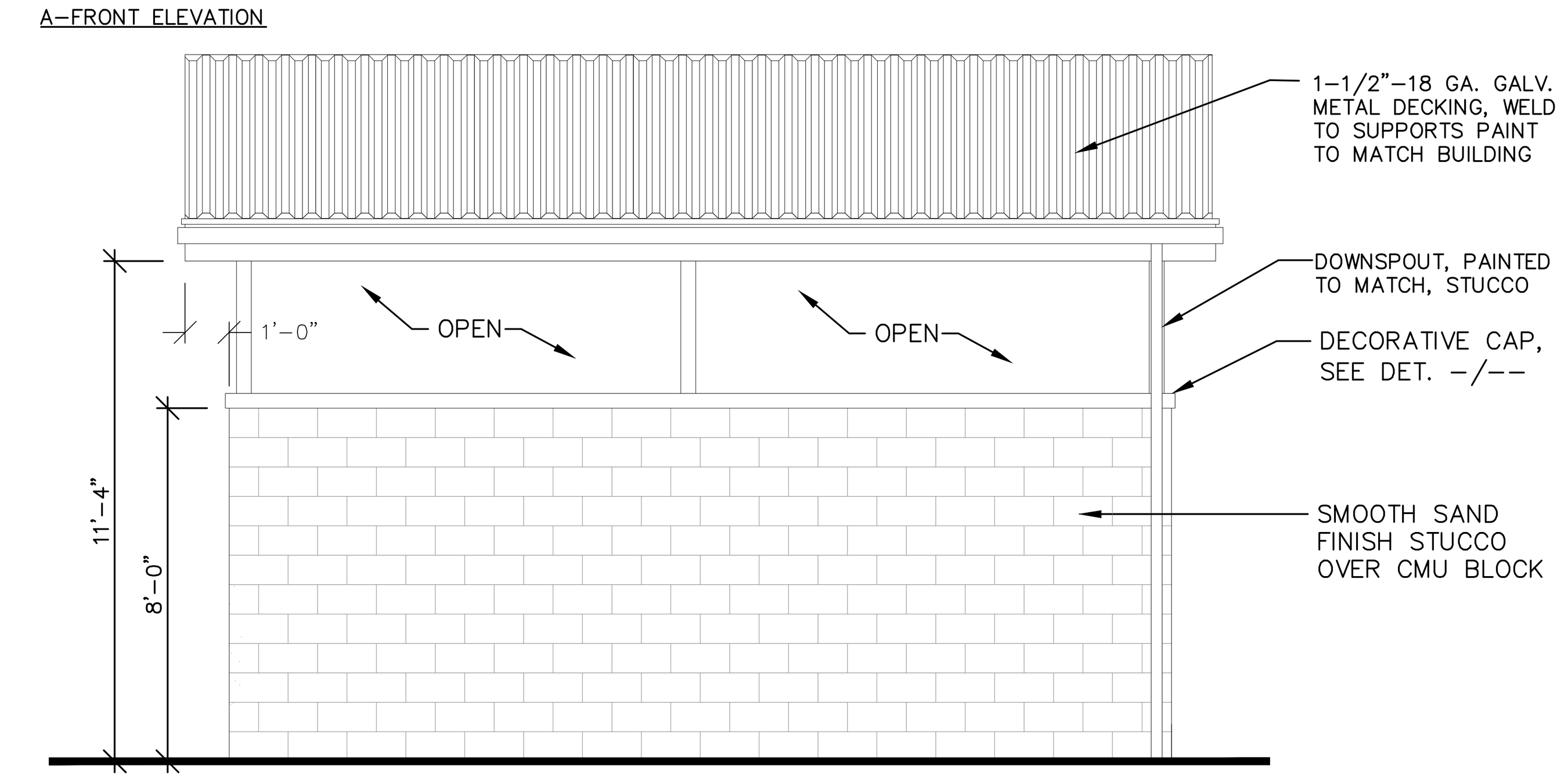
Engineering	Public Works
Fire	Traffic



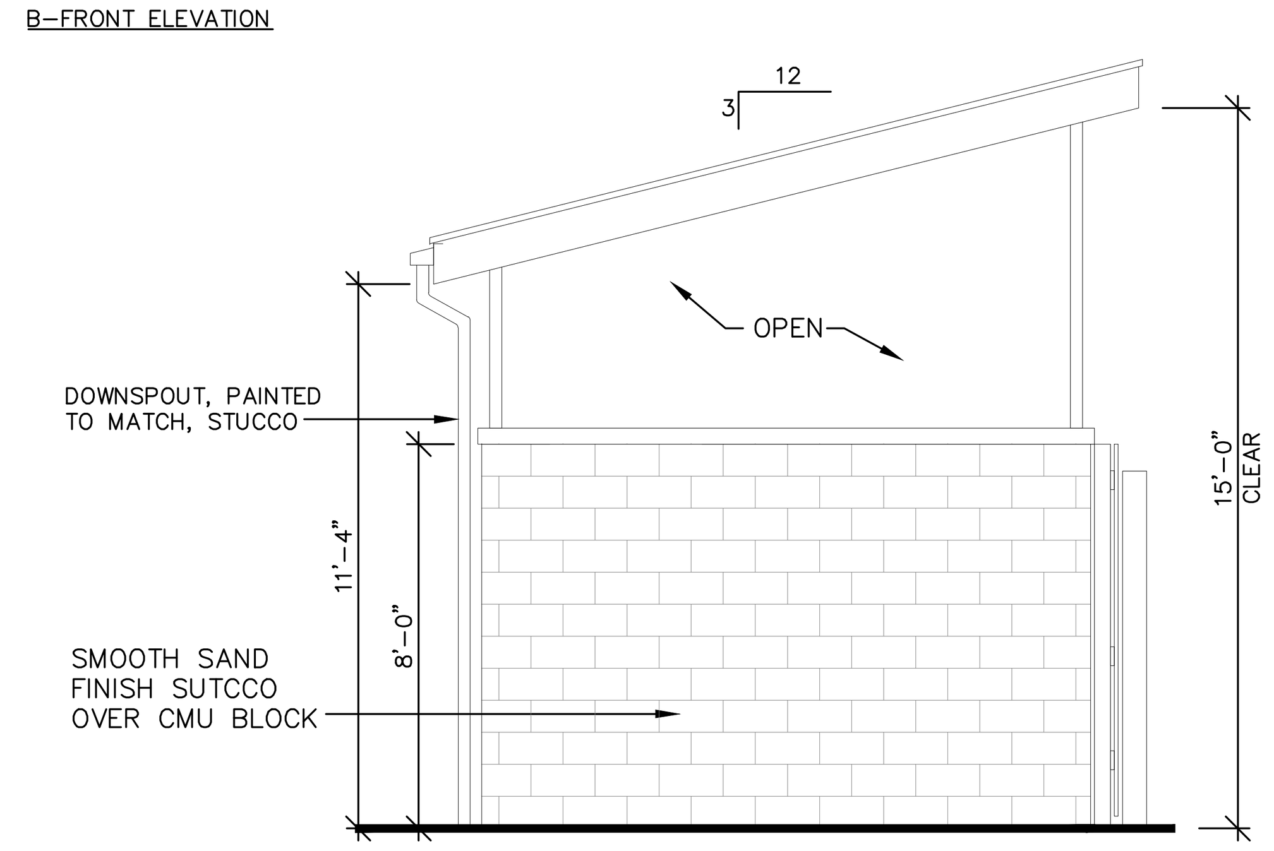
A–FRONT ELEVATION



B–FRONT ELEVATION



C–FRONT ELEVATION



D–FRONT ELEVATION

4 / SD1 TRASH ENCLOSURE ELEVATIONS
1/4" = 1'–0"

NOTE:
SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

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EXPIRATION DATE: 06/22/25
9664 REGISTERED ARCHITECT
KENNETH McCRACKEN
STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25
Seal 01366

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY
STD ISSUE DATE 12/10/24
REVIEWED BY HII
DATE ISSUED 04/29/25

TITLE
2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION
2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID 046–1180
SITE ADDRESS 2902 E Pioneer, Puyallup, WA 98372

SHEET NO.
046–1180.00.0
SD1
TRASH ENCLOSURE

MCD24092.0 – PUYALLUP, WA

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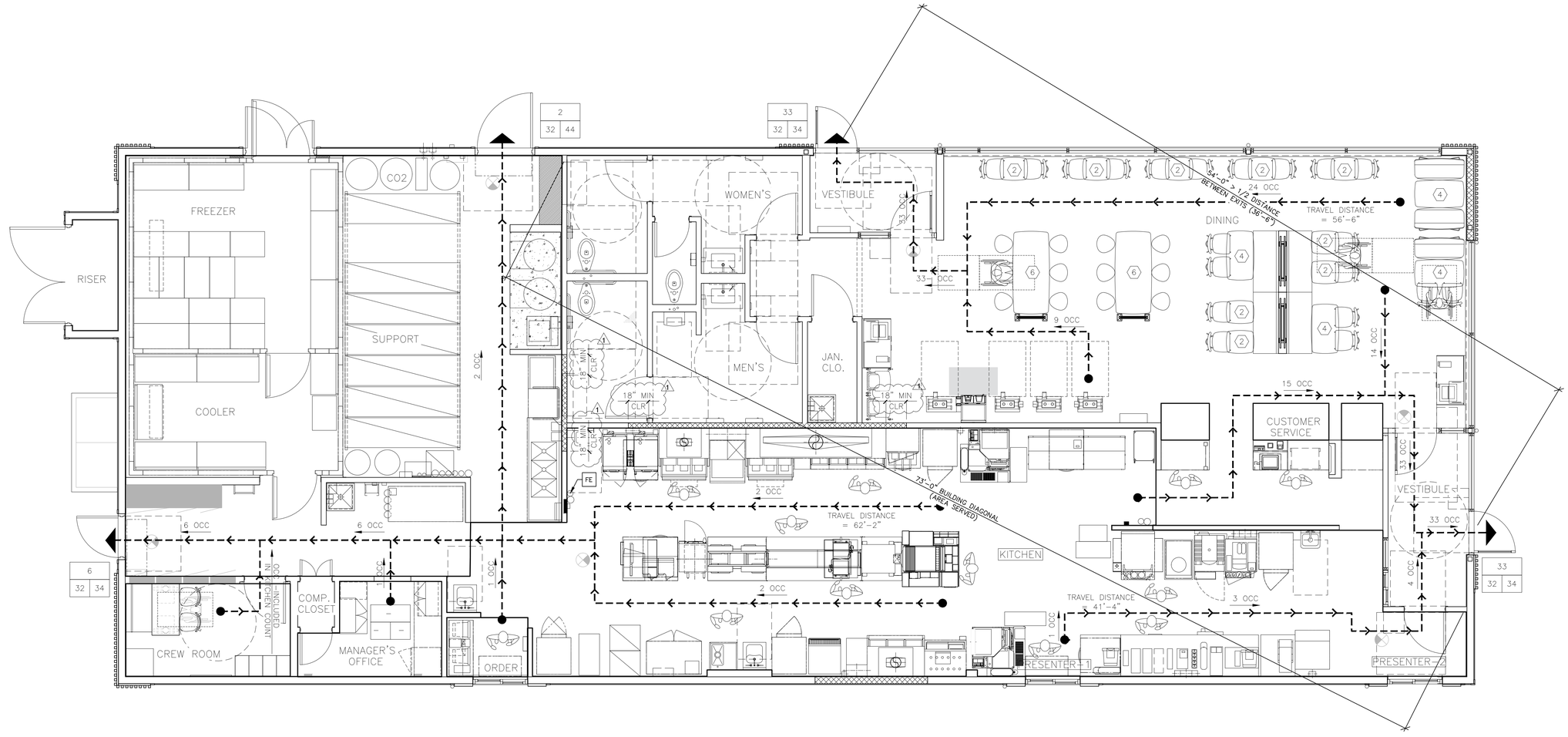

1 / A0.1 EGRESS PLAN

1/4"=1'-0"

NORTH

OCCUPANCY ALLOWANCE:

IBC 2021 W/ WASHINGTON STATE AMENDMENTS

TABLE 1004.5
MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

FUNCTION OF SPACE	ALLOWANCE	AREA	OCCUPANTS
ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS	940 SF	4
ASSEMBLY WITH FIXED SEATS	SEE PLAN	–	46
ASSEMBLY W/OUT FIXED SEATS STANDING SPACE	5 NET	76 SF	16
BUSINESS AREAS	150 GROSS	165 SF	2
KITCHEN, COMMERCIAL (OCCUPANT LOAD FOR FULL STAFF)	200 GROSS	1032	6
TOTAL OCCUPANCY ALLOWANCE			74

GENERAL NOTES AND LEGEND

1. DISTANCE BETWEEN EXITS SHALL BE NO LESS THAN HALF THE DISTANCE BETWEEN THE LONGEST DIAGONAL MEASUREMENT IN CUSTOMER FACING SPACE. WITH AN AUTOMATED SPRINKLER SYSTEM, THE DISTANCE BETWEEN EXITS SHALL BE NO LESS THAN ONE–THIRD OF THE LENGTH OF THE LONGEST DIAGONAL.
2. MAXIMUM LENGTH OF EXIT ACCESS TRAVEL SHALL NOT EXCEED 200 FEET. WITH AN AUTOMATED SPRINKLER SYSTEM, THE MAXIMUM LENGTH OF EXIT ACCESS TRAVEL SHALL NOT EXCEED 250 FEET.
3. SEE SHEET A0.11 AND A0.12 FOR ACCESSIBILITY STANDARDS.
4. CONFIRM SIGNAGE LOCATIONS WITH ACM PRIOR TO INSTALL.
5. KNOX BOX WITH KEYS TO ACCESS THE INTERIOR OF THE OCCUPANCY WILL BE REQUIRED. CONFIRM LOCATIONS WITH ACM AND THE CITY OF PEORIA.

XXX — OCCUPANCY
XX | X — DOOR WIDTH PROVIDED (IN.)
DOOR WIDTH REQUIRED (IN.)

INDICATES PATH OF EGRESS – 44" MIN. PATH OF TRAVEL PROVIDED. STARTING POINT FROM LONGEST TRAVEL PATH OF EGRESS.

EXIT TABULATION – 2022 OSSC

MINIMUM EGRESS SIZING (SECTION 1005.3, SECTION 1006.2.1 AND SECTION 1006.3.2(2) TRAVEL DISTANCE FOR ONE EXIT):

DOORWAYS: .2" x 77 OCC. = 15.4" REQUIRED (32" MIN. PER 1010.1.1)

PROVIDED: 146"

NUMBER OF EXITS (SECTION 1006 AND TABLE 1006.2.1):

REQUIRED – 2 EXITS (OL>50)

PROVIDED – 4 EXITS

EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2)

ACTUAL: 62'–2" MAXIMUM: 250'–0" (SPRINKLERED)

City of Puyallup
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Building	Planning
Engineering	Public Works
Fire	Traffic

LEGEND

- ILLUMINATED EXIT SIGN, SEE ELEC. DRAWINGS
- (#) SEATS PER TABLE
- EGRESS PATH OF TRAVEL PATH OF EGRESS MUST REMAIN CLEAR AT ALL TIMES
- DENOTES: ACCESSIBLE DINING SURFACES FOR EACH TYPE OF SEATING AREA. HT. 28"MIN. AND 34" MAX. ABOVE FIN. FLR.
- 5% REQ'D ADA ACCESSIBLE

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KENNETH McCRACKEN STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25
Seal 01366

PREPARED FOR: McDonald's USA, LLC

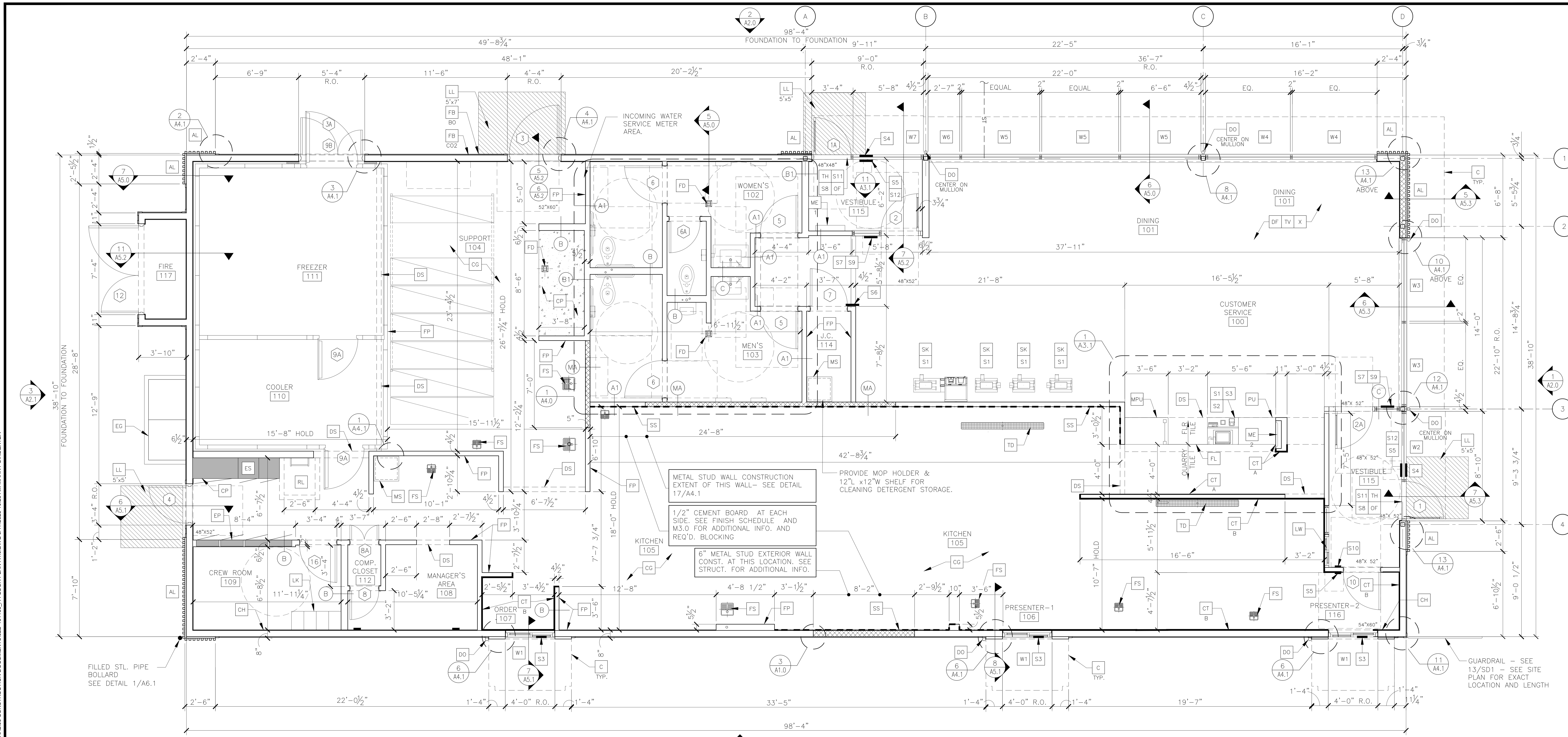
DRAWN BY: HII
STD ISSUE DATE: 12/10/24
REVIEWED BY: HII
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1180
SITE ADDRESS: 2302 E Pioneer, Puyallus, WA 98372

SHEET NO. 046-1180.00.0
A0.1
EXITING PLAN

MCD24092.0 – PUYALLUP, WA

P:\ACAD\01-PROJECTS AMERICAN CANYON\MCDONALD'S__MCD 2024\WCD24092.0 – 461180 – NEW – PUYALLUP _ WA\01 DRAWINGS\01-ARCHITECTURAL\03 CONSTRUCTION DOCUMENTS\01-461180_A-EXITING PLAN-A0.0.DWG 3/17/2025 10:10 AM MARK PONDEXTER



1 / A1.0 FLOOR PLAN
1/4"=1'-0"

NORTH

KEY NOTES

AL	ALUMINUM BATTEN – WALL ASSEMBLY 1D SHEET A5.0
C	ALUMINUM CANOPY SYSTEM ABOVE – SEE 1/A5.0 FOR NOTES – SEE ROOF PLAN FOR DIMENSIONS, SEE ELEVATION FOR COLORS AND FASCIA LOCATIONS
CG	G.C. TO PROVIDE 4"x4"x5'-0" HIGH STAINLESS STEEL CORNER GUARDS AT ALL EXPOSED LOCATIONS IN KITCHEN/SUPPORT AREA. CORNER GUARDS TO START AT FINISH FLOOR. ATTACH WITH WOOD SCREWS INTO WOOD BLOCKING BULLNOSE COVE BASE WHERE TILE MEETS STAINLESS STEEL CORNER
CH	PROVIDE COAT HOOK, SEE DET. 4/A4.0 FOR MOUNTING HEIGHT
CP	CONCRETE EQMT PAD – SEE STRUCTURAL
CT A	WALL TILE: PER DECOR PORTFOLIO GEOMETRY: EUROWEST – 754-747. COLOR: NOIR, SIZE: 4"x12", PATTERN: STACKED BOND. GROUT: MAPEI 02 PEWTER – JOINT TO BE 1/16" MAX.
CT B	WALL TILE: CROSSVILLE – COLOR BY NUMBERS COLOR: AFTERNOON SPRAY, SIZE: 4"x12", PATTERN: STACKED BOND GROUT: MAPEI 02 PEWTER – JOINT TO BE 1/16" MAX. USE THIS TILE WHEN HIGH LRV IS REQUIRED COORDINATE WITH McDONALD'S AREA CONSTRUCTION MANAGER
CO2	CO2 DETECTOR AND ALARM
DF	DECOR FINISH TO BE ORDERED/INSTALLED BY GC AND MANUFACTURED BY DECOR; REFER TO PORTFOLIO.
DO	DOWNSPOUT CONNECTED TO CANOPY SYSTEM. SEE ELEVATIONS. COORDINATE CONNECTION WITH CIVIL & SEE PLUMBING PLAN.
DS	DROPPED SOFFIT ABOVE – SEE REFLECTED CEILING PLAN
EG	ELECTRICAL SWITCH GEAR – SEE ELECTRICAL DWGS.
ES	MDP – SEE ELECTRICAL DWGS.
EL	CT BOX & ELECTRICAL METER – SEE ELECTRICAL DWGS.
EP	ELECTRICAL PANELS – SEE ELECTRICAL DWGS.
FB CO2	CO2 FILL BOX (EQUIPMENT SCHEDULE ITEM 49.00)
FB BO	OPTIONAL BULK OIL FILL BOX (EQPM SCHEDULE ITEM 700.18) CONFIRM USE WITH MCDONALD'S AREA CONSTRUCTION MANAGER
FC	(N) MODULAR FRONT COUNTER BY OTHERS. SEE DETAIL 1/A3.1 AND ELECTRICAL DWGS.
FD	FLOOR DRAIN – SEE PLUMBING DRAWINGS
FE	FIRE EXTINGUISHERS (2A:10B:C) SHALL BE INSTALLED AT SALES COUNTER, BACK ROOM, OFFICE, & LOCATIONS IF NOT SHOWN ELSEWHERE ON THESE DRAWINGS. INSTALL "K" FIRE EXTINGUISHER IN KITCHEN. VERIFY WITH OWNER FOR DETAILS, CONFIRM FINAL DETAILS WITH LOCAL FIRE INSPECTOR.
FL	FLOOR LINE – CHANGE IN MATERIAL – SEE DECOR DRAWINGS
FP	FIBERGLASS REINFORCED PLASTIC (FRP) – PANOLAM, PEBBLE WHITE CLASSIC, CLASS A, .075. REFER TO ROOM FINISH SCHEDULE SHEET A6.1 FOR INSTALLATION LOCATIONS. FOR ORDERING, CONTACT KIMBERLY LAWSON Kimberly_Lawson@panolam.com 1-866-925-4377
FS	FLOOR SINK – SEE PLUMBING DRAWINGS
HS	HAND SINK w/ SPLASH GUARD, SOAP, TIMER & PAPER TOWEL DISPENSER
LK	EMPLOYEE LOCKERS – 5% TO BE ACCESSIBLE
LL 5'x5'	LEVEL LANDING @ EXT. DOOR W/ MAX. 2% RUNNING/CROSS SLOPE AWAY FROM BUILDING (5'x5' – SIZE OF LANDING)
LW	LATE-NIGHT WINDOW BY READYACCESS, MANUAL OPEN/SELF CLOSE. SEE SHEET A3.1 FOR NOTES.
MS	MOP SINK – SEE DETAIL 8/A6.1 AND PLUMBING DRAWINGS.
ME ( )	DIGITAL MERCHANDISER – SEE ELECTRICAL DRAWINGS 1 = FREE STANDING 2 = RECESSED MOUNTED
MPU	MOBILE DELIVERY PICK-UP COUNTER
RL	ROOF ACCESS LADDER W/HATCH ABOVE SEE STRUCTURAL FRAMING PLAN FOR LOCATING DIMENSIONS
OF	DOOR CLOSER TO ALLOW 5lbs MAX. OPENING FORCE, OR REPLACE CLOSER w/ LNC4021x18. (FOR EXIT DOORS), 4031-LCN (FOR RESTROOM DOORS). SWEEP PERIOD FROM 90° TO ALLOW AN OPEN POSITION OF 12° FROM LATCH SHALL BE AT LEAST 5 SECONDS.
PU	PICK-UP COUNTER BY DECOR
S1	ASSISTANCE SIGN AT EACH SELF SERVICE AREA IN A LOCATION EASILY VISIBLE BY CUSTOMER, SEE DETAIL 6/CVR2
S2	ASSISTANCE SIGN AT CUSTOMER SERVICE COUNTER, SEE DETAIL 5/CVR2
S3	INFORMATION SIGN FOR SPEECH/HEARING IMPAIRED, SEE DETAIL 8/CVR2
S4	ISA ENTRANCE SIGNAGE, SEE DETAIL 10/CVR2
S5	PROVIDE RAISED CHARACTER & BRAILLE SIGN @ EA. EXIT DOOR DEFINED WITH AN OVERHEAD ILLUMINATED EXIT SIGN. SIGNS SHALL BE LOCATED 48" MIN. ABOVE FINISHED FLOOR, MEASURED FROM THE BASELINE OF THE LOWEST LINE OF TEXT AND 60." MAX. ABOVE FINISH FLOOR FROM THE HIGHEST LINE OF TEXT, SEE DET. 7/A00.12
S6	PROVIDE TACTILE IDENTIFICATION SIGN READING "JANITOR CLOSET"
S7	OCCUPANT LOAD SIGN. CONFIRM LOCATION WITH G.C.
S8	A READILY VISIBLE DURABLE SIGN IS POSTED ON THE EGRESS SIDE ON OR ADJACENT TO THE DOOR STATING: THIS DOOR TO REMAIN UNLOCKED WHEN SPACE IS OCCUPIED. THE SIGN SHALL BE IN LETTERS 1 INCH (25 MM) HIGH ON A CONTRASTING BACKGROUND.
S9	PROVIDE RAISED CHARACTER & BRAILLE SIGN EXIT ROUTE SIGN. SIGNS SHALL BE LOCATED 48" MIN. ABOVE FINISHED FLOOR, MEASURED FROM THE BASELINE OF THE LOWEST LINE OF TEXT AND 60." MAX. ABOVE FINISH FLOOR FROM THE HIGHEST LINE OF TEXT, SEE DET. 7/A00.12
S10	PROVIDE TACTILE IDENTIFICATION SIGN READING "EMPLOYEE ONLY"
S11	PROVIDE ILLUMINATED EXIT SIGN ABOVE THE DOOR (TYP.)
S12	ASSISTANCE SIGN, SEE DETAIL 12/CVR2.
SK	SELF ORDER KIOSK, PROVIDED AND INSTALLED BY OTHERS. CONTRACTOR TO PROVIDE REQUIRED ELECTRICAL / DATA. SEE DETAIL 3/CVR2. SEE ELECTRICAL & DECOR DWGS.
SS	22 GAUGE STAINLESS STEEL OVER 5/8" GYPSUM BOARD.
TD	TRENCH DRAIN – SEE PLUMBING DRAWINGS
TH	THRESHOLD: NATIONAL GUARD PRODUCTS, INC. SADDLE TYPE THRESHOLD 325, 72" & 36" WIDE x 1/2" RISE ABOVE FLOOR & LANDING @ BOTH SIDES. (ADA ACCESSIBLE)
TV	ALL TELEVISIONS SHALL BE LOCATED / ORIENTED TO ALLOW VIEWING FROM ACCESSIBLE SEATING.
WH	WATER HEATER – SEE PLUMBING DRAWINGS
W#	EXTERIOR WINDOW ASSEMBLY – TEMPERED GLASS COLOR: SEE ELEVATIONS FOR COLOR. SEE SHEET SEE A2.0, A2.1, 4/A5.0 & A6.0.
X	PROVIDE ELECTRICAL OUTLET ADJACENT TO ACCESSIBLE SEATING. SEE DECOR & ELEC DWGS. ALL OUTLETS SHALL BE INSTALLED WITH IN AN ACCESSIBLE REACH RANGE AT ACCESSIBLE SEATS. NOT UNDER TABLES.

GENERAL NOTES

1. EXTERIOR DIMENSIONS ARE TO CENTER OF COLUMNS AND FACE OF SHEATHING AT EXTERIOR WALLS UNLESS OTHERWISE NOTED. INTERIOR DIMENSIONS ARE TO FACE OF INTERIOR WALL BOARD.
2. SEE 4/A5.0 FOR EXTERIOR WALL ASSEMBLY TYPES. SEE 17/A4.1 FOR INTERIOR PARTITION TYPES. INTERIOR PARTITIONS ARE TYPE 'A' UNLESS NOTED OTHERWISE.
3. SEE EXTERIOR ELEVATIONS FOR WINDOW TYPES
4. SEE SHEET A6.0 AND A6.1 FOR DOOR AND ROOM FINISH SCHEDULES
5. SEE CIVIL SITE PLAN FOR SIDEWALKS, RAMPS, ETC.
6. GC TO PROVIDE ADA SIGNAGE PACKAGE AND INSTALL SIGNS AT LOCATIONS AND POSITIONS INDICATED IN PACKAGE OR AS REQUIRED BY LOCAL CODES. SIGNAGE PACKAGE SUPPLIED BY: FRANKE/S2K 1-800-423-5247 www.frankesupply.com email: fs-frankesupply.us@franke.com
7. MAXIMUM OCCUPANCY SIGN TO BE POSTED PER LOCAL CODE. SIGN FURNISHED AND INSTALLED BY GENERAL CONTRACTOR.
8. ALL HANDSINK LOCATIONS SHALL HAVE CEMENT BOARD BACKING 48" IN HEIGHT A.F.F.
9. GC TO COORDINATE ALL REQUIRED BLOCKING FOR WALL HUNG EQUIPMENT, SHELVES, ETC. FOR PROPER INSTALLATION HEIGHTS.
10. KNOX BOX TO BE INSTALLED PER LOCAL CODE AS REQUIRED. MODEL AND LOCATION TO BE COORDINATED WITH FIRE MARSHALL.
11. 12" HIGH SPLASH GUARDS TO BE INSTALLED ON BOTH SIDES OF ALL HAND SINKS.
12. 12" HIGH SPLASH GUARDS TO BE INSTALLED BETWEEN ALL SINKS THAT ARE LESS THAN 18" APART.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

SYMBOL LEGEND

(hatch)	METAL STUD WALL CONSTRUCTION
A	PARTITION TYPE TAG SEE 17/A4.1
(dashed)	DRAFT STOPPING – SEE 2/A1.2
(solid)	KITCHEN WALL TILE CT/B
(dash-dot)	KITCHEN WALL STAINLESS
7	DOOR TAG – SEE DOOR SCHEDULE ON A6.0
X	KEY NOTE

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
1	03/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:
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KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664 REGISTERED ARCHITECT
KENNETH McCRACKEN
STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25
Seal 01366

PREPARED FOR: McDonald's USA, LLC

DRAWN BY | STD ISSUE DATE 12/10/24 | REVIEWED BY HII | DATE ISSUED 03/20/25

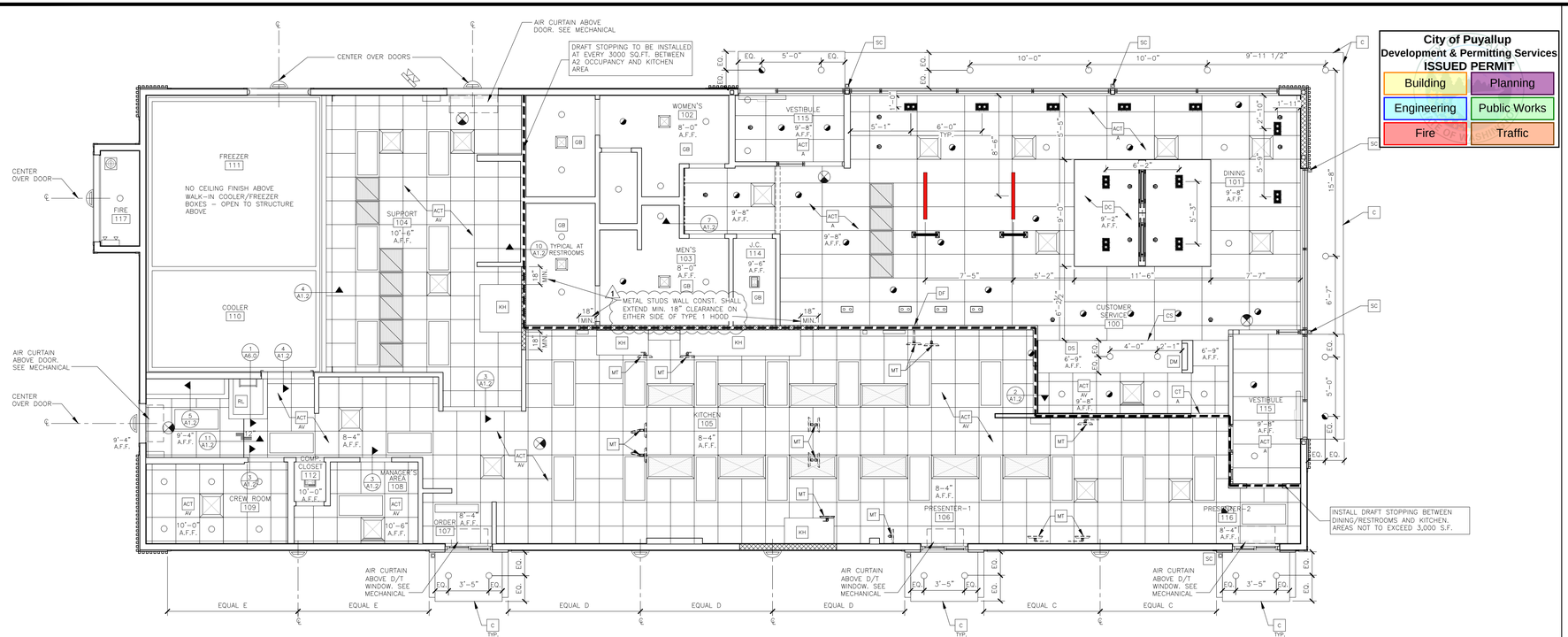
TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID: 046-1180 | SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

SHEET NO. 046-1180.00.0
A1.0
FLOOR PLAN

MCD24092.0 – PUYALLUP, WA



1 / A1.2 REFLECTED CEILING PLAN
3/16"=1'-0"

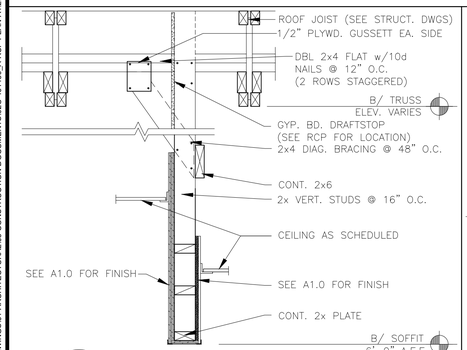
City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning | Engineering | Public Works | Fire | Traffic

KEY NOTES

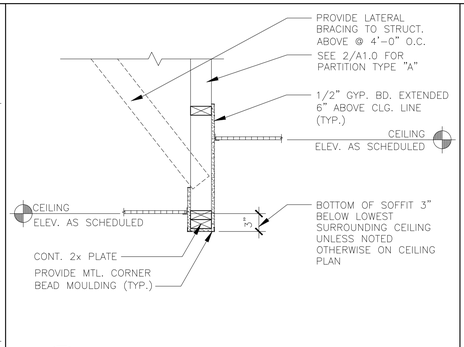
- ACT A — ACOUSTICAL CEILING TILE – 24"x48". SEE FINISH SCHEDULE. (USE 24"X24" TILE IN CREW ROOM AND OFFICE.
- ACT AV — ACOUSTICAL CEILING TILE: VINYL FACED USG 24"X24" CLEAN ROOM CLIMA-PLUS. UNPERFORATED. SMOOTH TEXTURE COLOR: WHITE GRID:USG 15/16" DX/DXL COLOR: WHITE
- C — ALUMINUM CANOPY WITH INTEGRAL GUTTER AND SCUPPER – SEE 4/A5.0 FOR NOTES – SEE ROOF PLAN FOR DIMENSIONS – SEE ELEVATION FOR COLOR
- CS — GC BUILT SOFFIT OVER FRONT COUNTER PROVIDE FINISHES PER DECOR DRAWINGS
- CT A — WALL TILE: PER DECOR PORTFOLIO GEOMETRY: EUROWEST – 754–747. COLOR: NOIR, SIZE: 4"x12", PATTERN: STACKED BOND. GROUT: MAPEI 02 PEWTER – JOINT TO BE 1/16" MAX.
- CT B — WALL TILE: CROSSVILLE – COLOR BY NUMBERS COLOR: AFTERNOON SPRAY, SIZE: 4"x12", PATTERN: STACKED BOND GROUT: MAPEI 02 PEWTER – JOINT TO BE 1/16" MAX. USE THIS TILE WHEN HIGH LRV IS REQUIRED COORDINATE WITH McDONALD'S AREA CONSTRUCTION MANAGER
- DC — SUSPENDED DECORATIVE CEILING TREATMENT – PER DECOR DRAWINGS
- DM — DIGITAL MERCHANDISER
- DS — DROPPED SOFFIT
- DC-WH — BOTTOM TO ALIGN WITH GYP BD AT EXTERIOR WINDOW HEAD; MAY BE REPLACED BY ELEMENT BY DECOR SUPPLIER – CONFIRM WITH AREA CONSTRUCTION MANAGER
- D# — DECOR PORTFOLIO SPECIFIC ELEMENT – SEE FINISH SCHEDULE.
- KH — KITCHEN HOOD, SEE MECH. DRAWINGS
- MT — CEILING MOUNTED MONITOR: A) VERIFY MONITOR LOCATIONS WITH McDONALD'S PROJECT MANAGER PRIOR TO INSTALLATION. B) SEE DETAIL 6/A1.2 FOR INSTALLATION METHOD
- RL — ROOF LADDER OPENING
- SC — INTERGRAL GUTTER SCUPPER

GENERAL NOTES

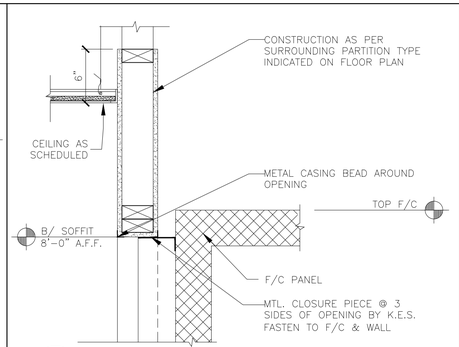
1. SEE SHT A6.1 FOR CEILING FINISHES.
2. SEE SHT A1.0 FOR MENU BOARD DROPPED SOFFIT LOCATION DIMENSIONS
3. GENERAL CONTRACTOR SHALL COORDINATE HVAC DIFFUSER LOCATION WITH DECOR & MECHANICAL PLANS AND REPORT ANY DISCREPANCIES TO ARCHITECT.
4. REFERENCE MECHANICAL AND ELECTRICAL DRAWINGS FOR DIFFUSER AND LIGHTING INFORMATION.
5. PROVIDE USG V15 CEILING TILE RETENTION CLIPS IN ALL VESTIBULE AREAS
6. SEE DETAIL 3/A1.3 FOR SUSPENDED CEILING SEISMIC DETAILS.



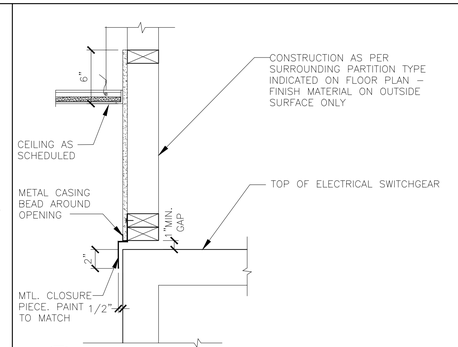
2 / A1.2 VALANCE SECTION
1"=1'-0"



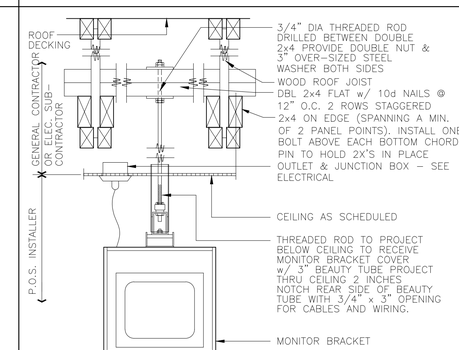
3 / A1.2 CEILING TRANSITION w/ SOFFIT
1"=1'-0"



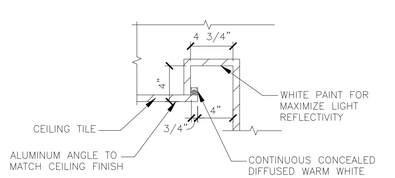
4 / A1.2 CEILING DETAIL AT COOLER
1 1/2"=1'-0"



5 / A1.2 CEILING DETAIL AT SWITCHGEAR
1 1/2"=1'-0"



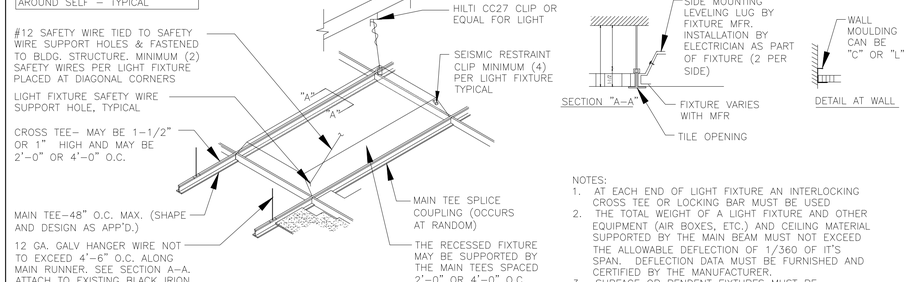
6 / A1.2 MONITOR INSTALLATION DETAIL
N.T.S.



NOTES:
CONTRACTOR TO ENSURE EVEN DISTRIBUTION OF LIGHT WITH NO HOT SPOTS OR SHADOWING.

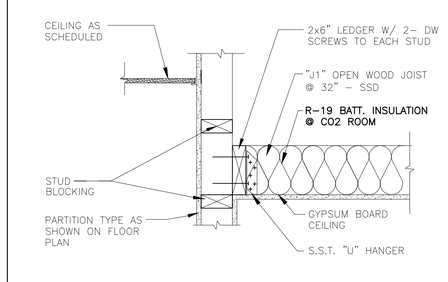
7 / A1.2 COVE LIGHTING DETAIL
N.T.S.

NOTE:
ALL WIRES ARE TO BE TAUT WITH A MINIMUM OF 3 TIGHT TURNS AROUND SELF – TYPICAL

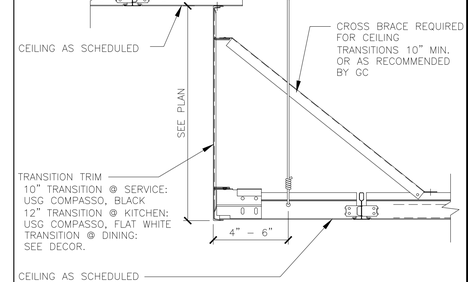


NOTES:
1. AT EACH END OF LIGHT FIXTURE AN INTERLOCKING CROSS TEE OR LOCKING BAR MUST BE USED
2. THE TOTAL WEIGHT OF A LIGHT FIXTURE AND OTHER EQUIPMENT (AIR BOXES, ETC.) AND CEILING MATERIAL SUPPORTED BY THE MAIN BEAM MUST NOT EXCEED THE ALLOWABLE DEFLECTION OF 1/360 OF IT'S SPAN. DEFLECTION DATA MUST BE FURNISHED AND CERTIFIED BY THE MANUFACTURER.
3. SURFACE OR PENDENT FIXTURES MUST BE INDEPENDENTLY SUPPORTED FROM FLOOR OR ROOF CONSTRUCTION.

8 / A1.2 CEILING LIGHT SUPPORT DETAIL
N.T.S.



10 / A1.2 GYP BD CEILING DETAIL
1 1/2"=1'-0"
A0610WB1



11 / A1.2 ACOUSTIC CEILING TRANSITION
N.T.S.
COORDINATE w/ DECOR

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
A	03/20/25	PLAN CHECK COMMENTS	HII

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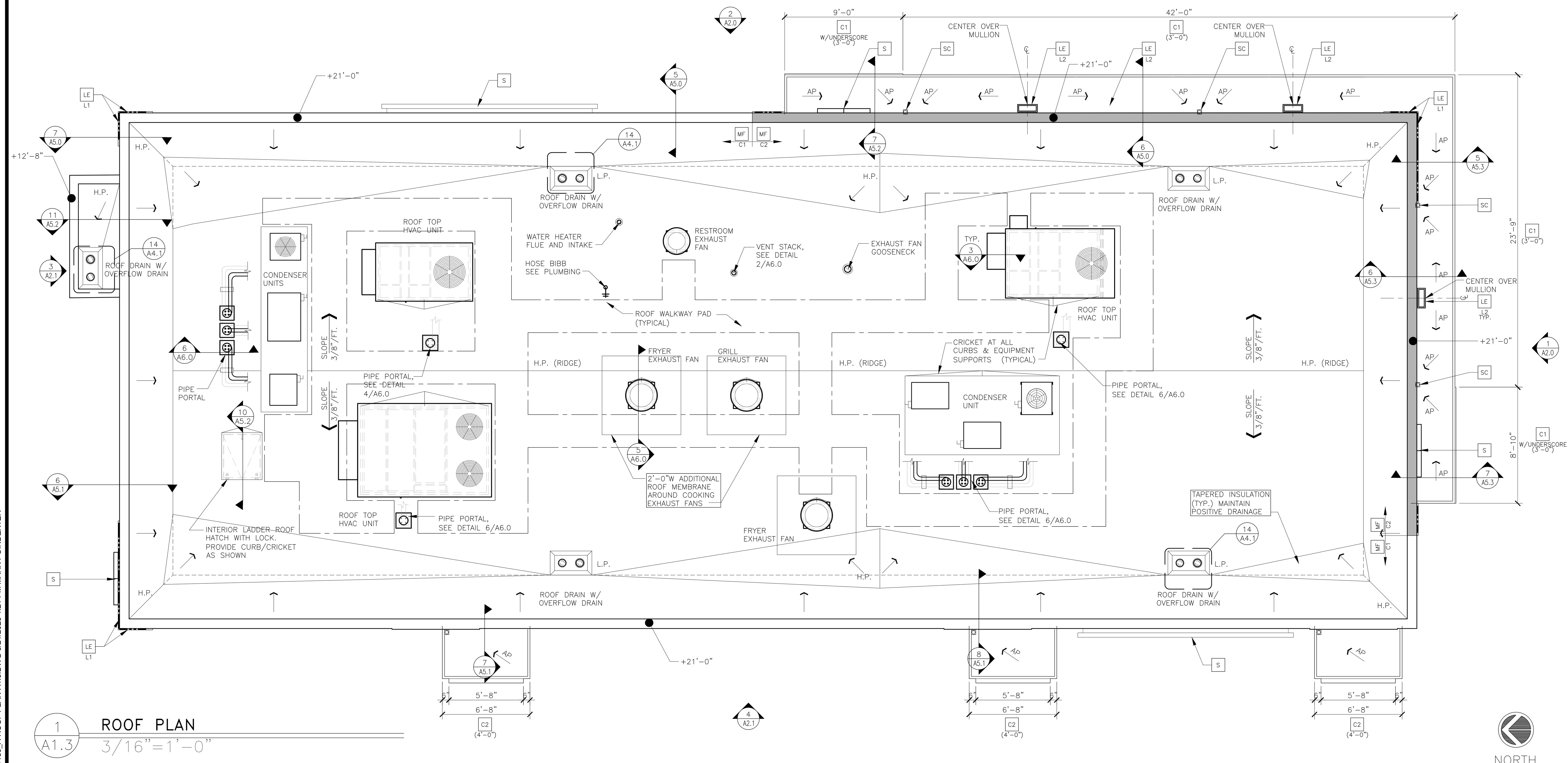
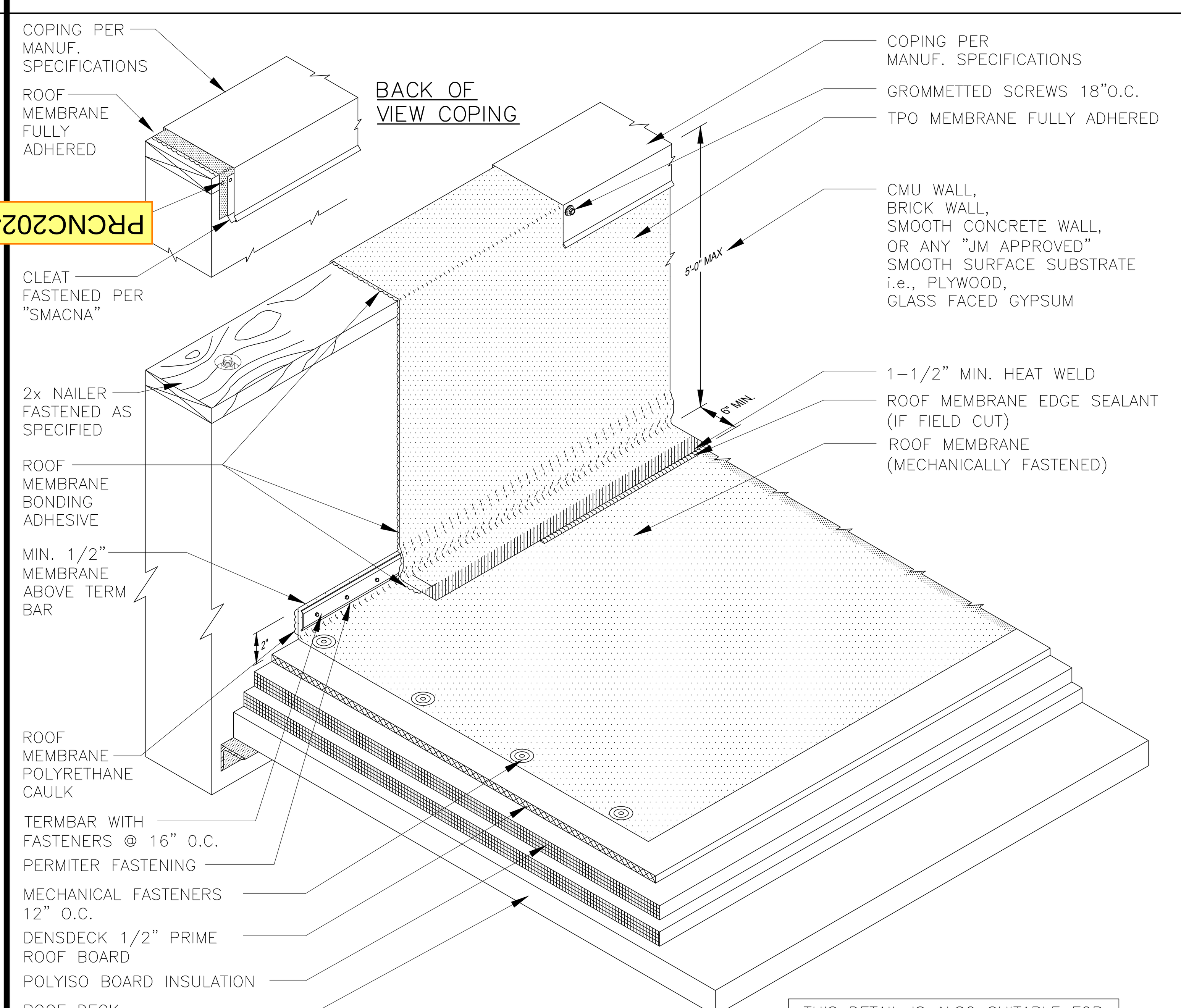
SHEET NO. 046–1180.00.0
A1.2
REFLECTED CLG. PLAN

MCD24092.0 – PUYALLUP, WA

P:\MCD\1-PROJECTS\AMERICAN CANYON\MCDONALDS_MCD 2024\MCD24092.0 - 46118\0 - NEW - PUYALLUP _ WA\01 DRAWINGS\01-ARCHITECTURAL\03-CONSTRUCTION DOCUMENTS\02C-46118\0_A-RCP PLAN-A1.2.DWG 3/21/2025 1:13 PM MARK POINDEXTER



ROOF PLAN
1 / A1.3 — 3/16"=1'-0"



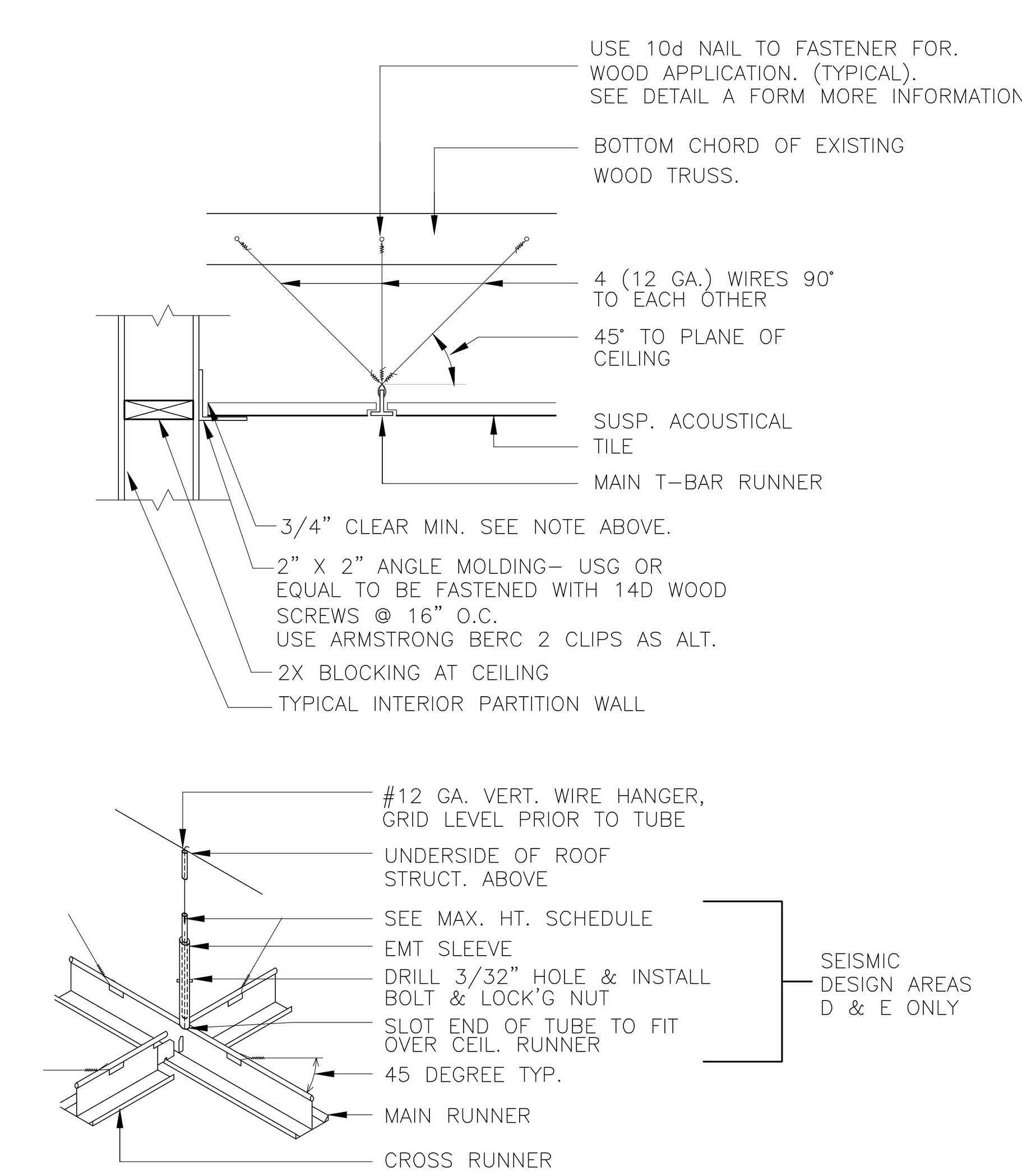
THIS DETAIL IS ALSO SUITABLE FOR TERMINATION OF FLEECE BACKED MEMBRANES. NON FLEECE BACK MEMBRANE IS REQUIRED FOR WALL FLASHINGS.

ROOFING SYSTEM
2 / A1.3 — N.T.S.

ROOFING SYSTEM

1. MANUFACTURERS AND PRODUCTS:
   - A. DURO-LAST PVC ROOFING SYSTEM
   - B. JM-PVC. REFER TO JOHNS MANVILLE WEBSITE (www.jm.com) FOR MOST UP-TO-DATE INFORMATION.

   NO SUBSTITUTIONS ALLOWED
2. SPECIFIED ROOFING SYSTEMS (AS SHOWN): HEAT-WELDABLE SINGLE-PLY 50 MIL PVC ROOFING SYSTEM, INSTALLED OVER RIGID INSULATION ON WOOD ROOF DECK HAVING A SLOPE OF 3/8"/FT. MATERIALS SHALL BE AS FOLLOWS:
   - A. SINGLE-PLY ROOFING SYSTEM AS MANUFACTURED BY MANUFACTURER LISTED ABOVE TO COMPLY WITH ASTM E 108 OR UL 790, ASTM D-6878, AND FMG I-90 FOR WIND UPLIFT.
   - B. FASTENERS: METAL FASTENERS AND PLATES AS PER MANUFACTURER.
   - C. ACCESSORIES: PRE-FABRICATED CURBS, FLASHING, CORNERS, TERMINATION BARS, PIPE FLASHING, VENT FLASHING ETC. AS PER MANUFACTURER.
   - D. PLEASE SEE SINGLE-PLY FLASHING SPECIFICATIONS FOR A FULL DESCRIPTION OF INSTALLATION INSTRUCTIONS AND REQUIREMENTS WHICH ARE CONSIDERED A PART OF THIS DETAIL.
   - E. ANY CARPENTRY OR METAL WORK SHOULD BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS AND/OR PROJECT SPECIFICATIONS. THESE COMPONENTS SHOULD BE REVIEWED AND APPROVED BY A LICENSED DESIGN PROFESSIONAL. CONTACT MANUFACTURER FOR METAL OPTIONS TO BE INCLUDED WITHIN THE MANUFACTURER'S GUARANTEE.
   - F. ROOF MEMBRANE EDGE SEALANT IS REQUIRED ON ALL CUT OR NON-ENCAPSULATED EDGES OF REINFORCED MEMBRANE. THIS INCLUDES FACTORY CUT MEMBRANE
3. WALKWAYS:
   - A. 30" WIDE WALKWAY ROLL, HOT AIR WELDED TO MEMBRANE.
   - B. PROVIDE WALKWAY FROM ROOF LADDER EXIT TO ALL ROOF TOP EQUIPMENT AS PER ROOF PLAN ABOVE.
   - C. INSTALL WALKWAY ACCORDING TO WALKWAY PAD MANUFACTURER'S WRITTEN INSTRUCTION.
4. RIGID INSULATION: PROVIDE REQUIRED LAYERS OF POLYISOCYANURATE INSULATION W/ 1/2" "DENSDECK" COVER BOARD TO MEET A MINIMUM CONTINUOUS **R-25** VALUE - THICKNESS AS REQUIRED. PROVIDE POSITIVE SLOPE TO ALL ROOF DRAINS. SEE ROOF PLAN. PROVIDE TOP LAYER PROTECTION MATERIAL AS PER MANUFACTURERS RECOMMENDATIONS. BOTTOM LAYER OF INSULATION TO HAVE INTEGRAL THERMAL BARRIER OR APPROVED ROOFING MANUFACTURER'S THERMAL UNDERLAYMENT SHEET. ASSEMBLY SHALL COMPLY WITH UL 1256 OR FMG 4450 AND ASTM C 1289, TYPE I OR II.
5. TAPERED INSULATION: PROVIDE TAPERED INSULATION AS REQUIRED FOR POSITIVE DRAINAGE TO ROOF DRAINS AS INDICATED PER ROOF PLAN ABOVE. ¼" PER FOOT MIN. REQUIRED.
6. EXHAUST FANS: PROVIDE ADDITIONAL LAYER OF ROOF MEMBRANE AROUND EXHAUST FANS AS INDICATED PER ROOF PLAN ABOVE.



VERTICAL COMPRESSION STRUT

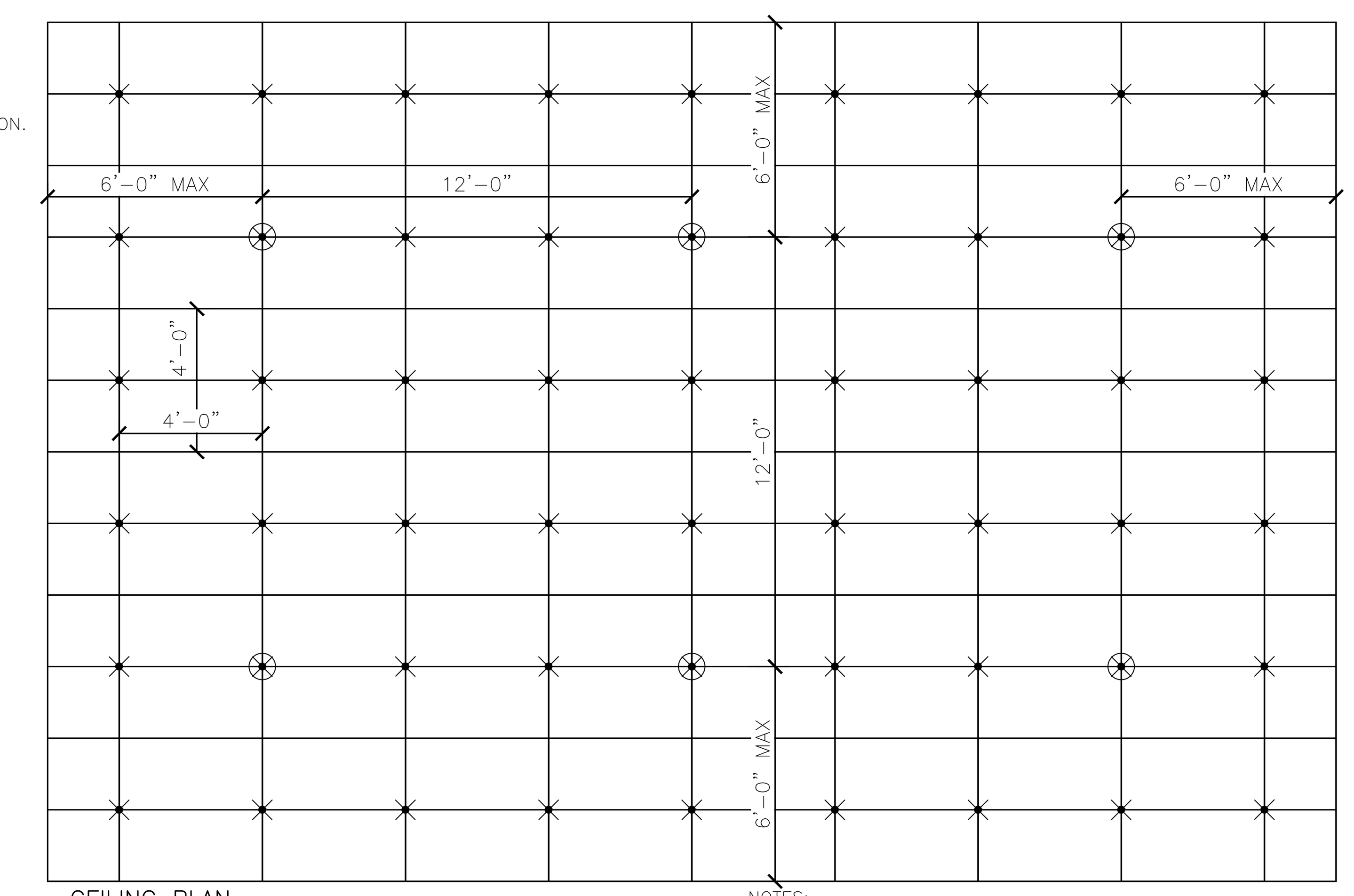
ELECTRICAL METALLIC TUBING (EMT)

SIZE (DIAMETER)	(MAX. HEIGHT)
1/2"	4'-0"
3/4"	5'-2"
1"	6'-6"
1 1/4"	8'-6"
1 1/2"	9'-10"
2"	12'-7"
2 1/2"	16'-6"
3"	20'-2"
4"	26'-0"

LATERAL FORCE BRACING: INSTALL BOLT TO SECURE ONE TUBE TO THE OTHER. TUBES SHALL LAP TO ONE ANOTHER AT LEAST 4" IN FULLY EXTENDED POSITION

COMPRESSION STRUT W/ LATERAL BRACING @ 12'-0" MAX. EA. DIRECTION & 6'-0" MAX. FROM PERIMETER WALLS

SUSPENDED CEILING- SEISMIC CATEGORY D & E
3 / A1.3 — NTS — ESR-1222



CEILING PLAN

(⊗) VERTICAL COMPRESSION STRUT

(✕) LATERAL WIRE BRACING

NOTE: 12 GA. VERTICAL WIRES SHALL BE USED AT 48" O.C. PERIMETER HANGARS SHALL BE 8" MAX. FROM WALL AND NOT MORE THAN 1 IN 6 OUT OF PLUMB.

NOTES:
- A. GRID SYSTEM TO BE HEAVY DUTY T-BAR.
- B. IN EACH ORTHOGONAL HORIZONTAL DIRECTION, ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSING ANGLE. THE OTHER END SHALL HAVE A 0.75" CLEARANCE FROM THE WALL.
- C. ENDS OF MAIN RUNNERS AND CROSS RUNNERS SHALL BE TIED TOGETHER TO PREVENT THEIR SPREADING
- D. THE SUSPENDED CEILING SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ASTM C635, ASTM C636, ASTM E580 AND MANUFACTURER SPECIFICATIONS AND INSTALLATION INSTRUCTIONS.

NOTES:
1. ACOUSTICAL TILE OR LAY-IN PANEL CEILINGS IN SEISMIC DESIGN CATEGORIES D SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ASTM C635, ASTM C636, AND ASTM E580, AND MANUFACTURER SPECIFICATIONS AND INSTALLATION INSTRUCTIONS.
2. ACOUSTICAL TILE OR LAY-IN PANEL CEILINGS SHALL ALSO COMPLY WITH THE FOLLOWING:

THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE OR CHANNEL SHALL BE NOT LESS THAN 2.0 IN. (50 MM). WHERE PERIMETER SUPPORTING CLIPS ARE USED, THEY SHALL BE QUALIFIED IN ACCORDANCE WITH APPROVED TEST CRITERIA. IN EACH ORTHOGONAL HORIZONTAL DIRECTION, ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE OR CHANNEL. THE OTHER END IN EACH HORIZONTAL DIRECTION SHALL HAVE A 0.75 IN. (19 MM) CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE OR CHANNEL.

City of Puyallup
Development & Permitting Services
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Building	Planning
Engineering	Public Works
Fire	Traffic

LEGEND

L.P.	LOW POINT
H.P.	HIGH POINT
←	DIRECTION OF DRAINAGE
← AP	TRELLIS SYSTEM WITH ALUMINUM INFILL PANELS. SLOPE TO EDGE @1/4"PER FT.

KEY NOTES

- C1 ALUMINUM CANOPY SYSTEM (COLOR: SEE ELEVATIONS)
- C2 ALUMINUM CANOPY SYSTEM (COLOR: SEE ELEVATIONS)
- LE ACCENT LIGHTING - SEE ELEVATIONS & ELECTRICAL
  L1—LED LIGHT:
  L1 = SLIM LED (DOWN ONLY)
  L2 = UP ONLY FLOOD FIXTURE
- MF METAL FASCIA
  C1—COLOR:
  C1 = SEE ELEVATIONS FOR COLOR
  C2 = SEE ELEVATIONS FOR COLOR
- S McDONALD'S SIGNAGE BY OTHERS UNDER SEPARATE PERMIT (SEE ELEVATIONS)
- SC INTERGRAL GUTTER SCUPPER

ROOFING NOTES

1. SINGLE-PLY ROOFING SYSTEM WITH BASE FLASHING SHEET EXTENDING UP PARAPET AND TERMINATED UNDER COPING HOT WELDED TO SEALING STRIP SECURED TO WOOD BLOCKING
2. INSTALLATION OF ROOFING SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND PER DETAIL 2 OF THIS SHEET.
3. PROVIDE PREFABRICATED METAL CURBS. COORDINATE SIZE, LOCATION AND INSTALLATION REQUIREMENTS W/ M, E, P & S SHEETS. PROVIDE SHIMS TO LEVEL CURB AREAS WHERE ROOF DECK IS PITCHED.
4. FOR EXACT LOCATION OF EXHAUST FANS, HVAC UNITS, AND ROOF HATCH. REFER TO STRUCTURAL DRAWINGS.
5. CRICKETS MUST BE INSTALLED AT ALL ROOF CURBS & EQUIPMENT PLATFORMS BY GENERALCONTRACTOR.

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
△	03/20/25	PLAN CHECK COMMENTS	HII

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PREPARED FOR: McDonald's USA, LLC

DRAWN BY: | STD ISSUE DATE 12/10/24 | REVIEWED BY HII | DATE ISSUED 03/20/25

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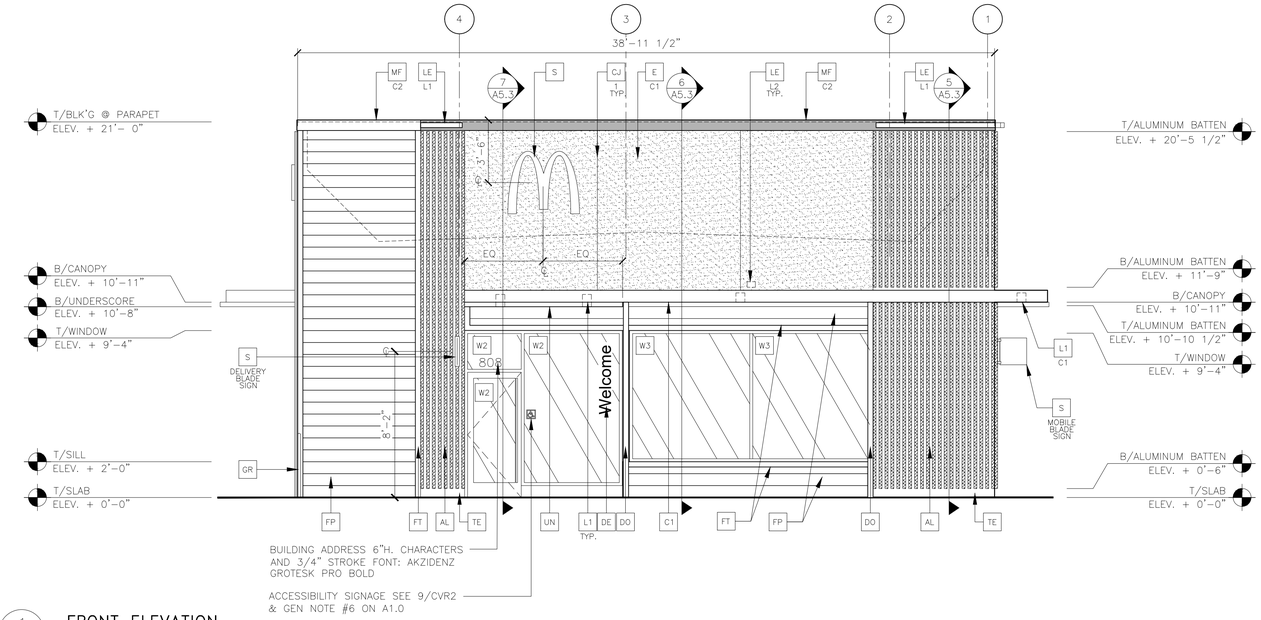
046-1180.00.0

SHEET NO. A1.3
ROOF PLAN

MCD24092.0 - PUYALLUP, WA

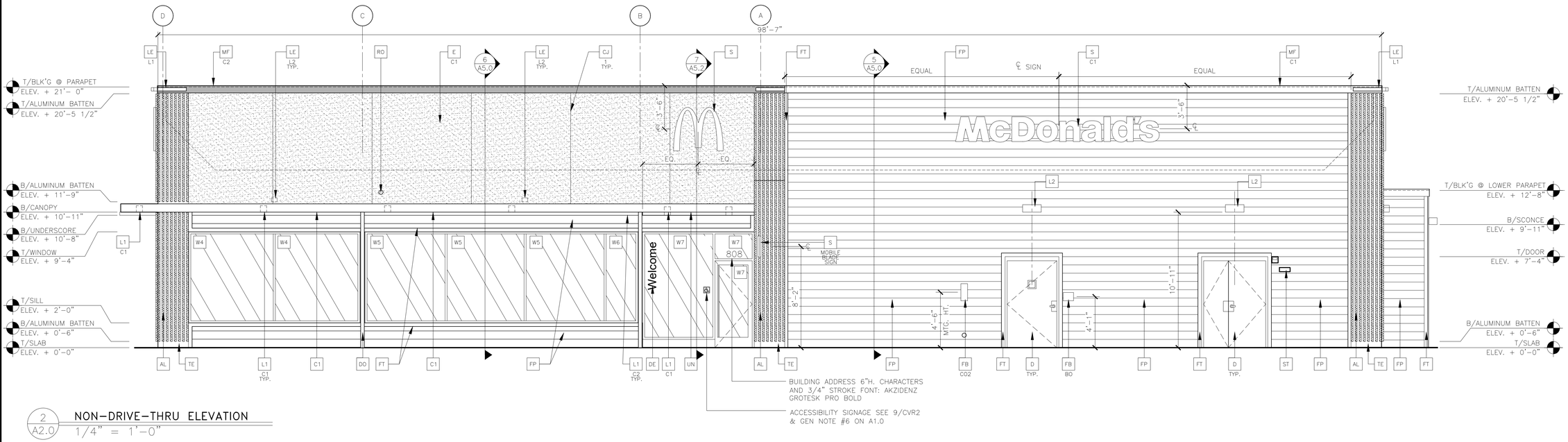
PRCNC20241917



1 A2.0 FRONT ELEVATION
1/4" = 1'-0"

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic



2 A2.0 NON-DRIVE-THRU ELEVATION
1/4" = 1'-0"

KEY NOTES:

- AL — ALUMINUM BATTEN SYSTEM
  SIZE: 2"x2" PROFILE
  COLOR: WOOD GRAIN, BACKRAIL UNFINISHED, ENDCAP PAINTED TO MATCH
  SUBSTRATE: 1/2" EXTERIOR HIGH DENSITY OVERLAY (HDO) PLYWOOD, BB, GROUP 1, HDO BOTH FACES, APA TRADEMARKED.
  COURSE GRIT SAND SURFACES PRIOR TO PRIMING. PRIME AND PAINT BOTH SIDES AND ALL EDGES PRIOR TO INSTALLATION.
  SUBSTRATE COLOR: "IRON ORE" SW 7069 BY SHERWIN WILLIAMS
- AP — ALPOLIC METAL PANEL (COLOR: DON GRAY)
- C1 — ALUMINUM CANOPY SYSTEM
  COLOR: WHITE
- C2 — ALUMINUM CANOPY SYSTEM
  COLOR: RAL 7022
- CJ — CONTROL JOINT
  1 —TYPE: 1 = EIFS
- D — HOLLOW METAL DOOR
  PAINT: "FAIRVIEW TAUPE" HC-85 BY BENJAMIN MOORE
- DE — DECAL BY GRAPHICS SUPPLIER
  SURFACE APPLIED, FIELD INSTALLED, PRE CUT, PRE SPACED.
  SUPPLIERS:
  VOMELA (866) 330-7337, ann.bowen@vomela.com
  GFX INTERNATIONAL (847) 543-4600, mcdonaldsdecor@gfxi.com
- DO — DOWNSPOUT
  3" DOWNSPOUT BY CANOPY SYSTEM MANUFACTURER
  COLOR: RAL 7022
  COORDINATE WITH CIVIL TO TIE INTO STORM DRAINAGE
- E — EXTERIOR INSULATION FINISH SYSTEM (E.I.F.S.)
  C1 —COLOR:
  C1 = "IRON ORE" SW 7069 BY SHERWIN WILLIAMS
- EJ — EXPANSION JOINT, SEE DETAIL 7/A4.1
- ES — ELECTRICAL SWITCHGEAR ON HOUSEKEEPING PAD.
  SEE TO ELECTRICAL DRAWINGS.
- FB
  CO2 — CO2 = BULK CO2 FILL BOX (EQPM SCHEDULE ITEM 49.00)
  BO = BULK OIL FILL BOX (EQPM SCHEDULE ITEM 700.18)
- FP — FIBER CEMENT LAP SIDING: SMOOTH HARDI-BOARD PLANK BY JAMES HARDIE, 8-1/4" WIDTH, 7" EXPOSURE, HZ5
  COLOR: TIMBER BARK
- FT — FIBER CEMENT TRIM: HARDIE TRIM BOARDS 4/4 SMOOTH, 1 5/8" AND 3 1/2" WIDTH, 3/4" THICK, HZ5
  COLOR: TIMBER BARK (CHECK 1 5/8" PRE-PAINT AVAILABILTY)
- GR — GUARD RAIL -SEE SITE PLAN FOR EXACT LOCATION AND LENGTH
  PAINT: "IRON ORE" SW 7069 BY SHERWIN WILLIAMS
- L1 — RECESSED DOWN LIGHT FIXTURE - SEE ELECTRICAL
  C1—COLOR:
  C1= WHITE
  C2= GOLD
- L2 — RADIAL SCONCE LIGHT FIXTURE - SEE ELECTRICAL
  COLOR: PLATINUM SILVER
- LE — ACCENT LIGHTING - SEE ELECTRICAL
  L1—LED LIGHT:
  L1 = SLIM LED (DOWN ONLY)
  L2 = UP ONLY FLOOD FIXTURE
- MF — METAL FASCIA
  1 — TYPE:
  C1 — 1 = PRE-FAB ANCHOR-TITE FASCIA
  2 = BOTTOM TRIM AT METAL REVEAL PANEL
  3 = VERTICAL TRIM AT METAL REVEAL PANEL CORNERS, CLOSURES
  COLOR:
  C1= WEATHERED ZINC
  C2= RAL 7022
- PB — PIPE BOLLARD - PAINTED YELLOW
- PT — (RMHC) COIN COLLECTOR
  MODEL: #WPT STD
  CALL 1-888-743-7435 TO ORDER
- RO — ROOF DRAIN OVERFLOW PIPE PAINT TO MATCH SURROUNDING MATERIAL
- S — McDONALD'S SIGNAGE BY OTHERS - UNDER SEPARATE PERMIT.
  C1— COLOR:
  C1= WEATHERED ZINC RACEWAY
  C2= RAL 7022 RACEWAY
- ST — CO2 STROBE/ALARM. SEE MECHANICAL DRAWINGS FOR SPECIFICATION.
- TE — TRU EXTERIOR 1"X6" TRIM, PAINTED ON SITE
  COLOR: "IRON ORE" SW 7069 BY SHERWIN WILLIAMS
- UN — METAL UNDERSCORE
  COLOR: GOLD
- W1 — EXTERIOR WINDOW ASSEMBLY - TEMPERED GLASS
  COLOR: DARK BRONZE
- W2 — DRIVE-THRU WINDOW BY READY ACCESS
  MODEL: 600 SERIES, 36" SERVICE HEIGHT WITH TRANSOM, MANUAL OPEN; ELECTRONIC RELEASE
  XX—COLOR: DEEP BRONZE
  SLIDE DIRECTION: RL = RIGHT TO LEFT
  LR = LEFT TO RIGHT

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
A	03/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:

PM DESIGN
Architectural Solutions Group

211 GATEWAY RD. W.
SUITE. #208
NAPA, CA 94558

HALA IBRAHIM
PHONE: (707) 655-4733
EMAIL: HIBRAHIM@PMDGINC.COM

KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664
REGISTERED ARCHITECT
KENNETH McCRACKEN
STATE OF WASHINGTON
SIGNATURE DATE:
03/20/25
Seal 01366

PREPARED FOR:
McDonald's USA, LLC

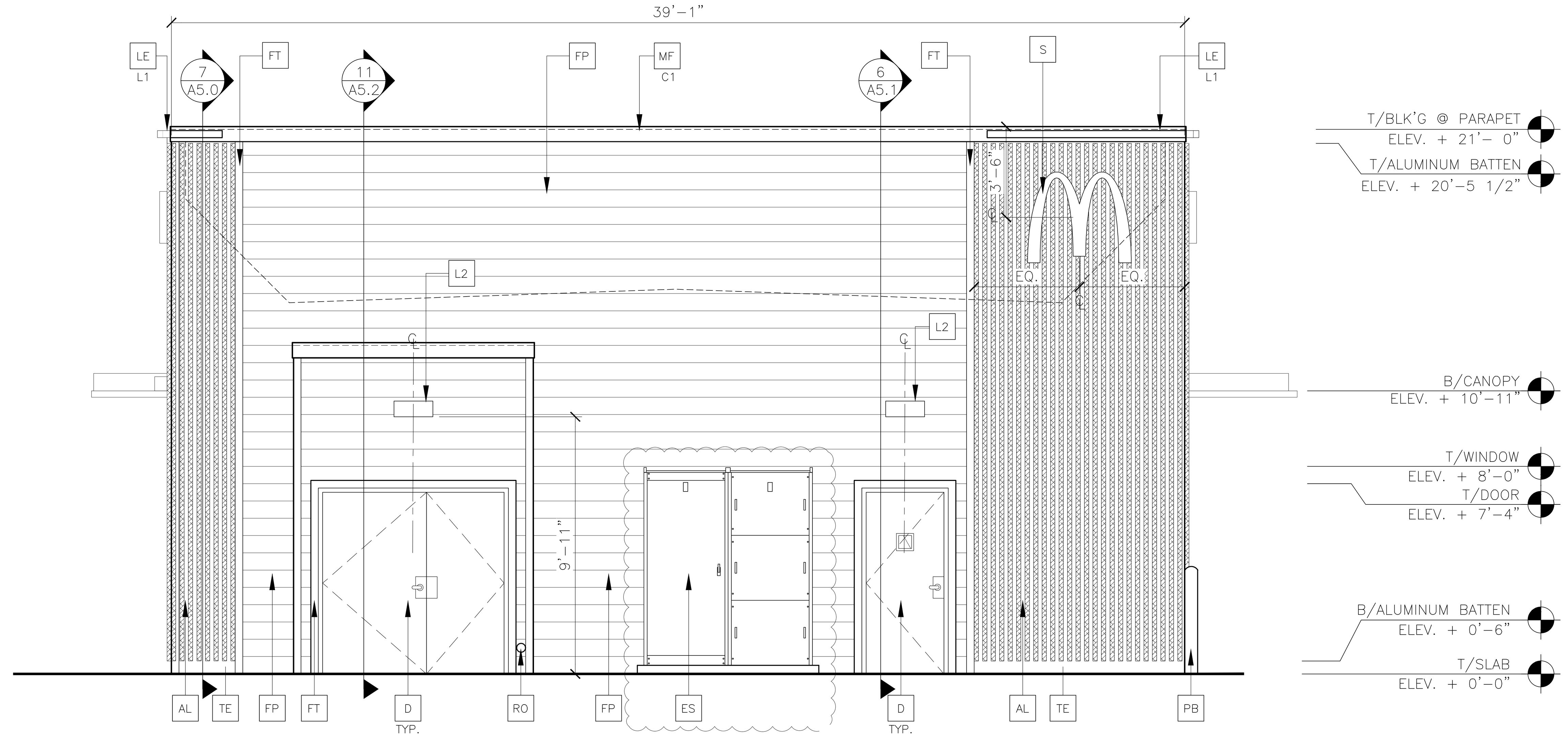
DRAWN BY
STD ISSUE DATE 12/10/24
REVIEWED BY HII
DATE ISSUED 03/20/25

TITLE
2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA
DESCRIPTION
2024 STANDARD BUILDING - WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID 046-1180
SITE ADDRESS 2902 E Pioneer, Puyallup, WA 98372

SHEET NO.
046-1180.00.0
A2.0
ELEVATIONS

MCD24092.0 - PUYALLUP, WA

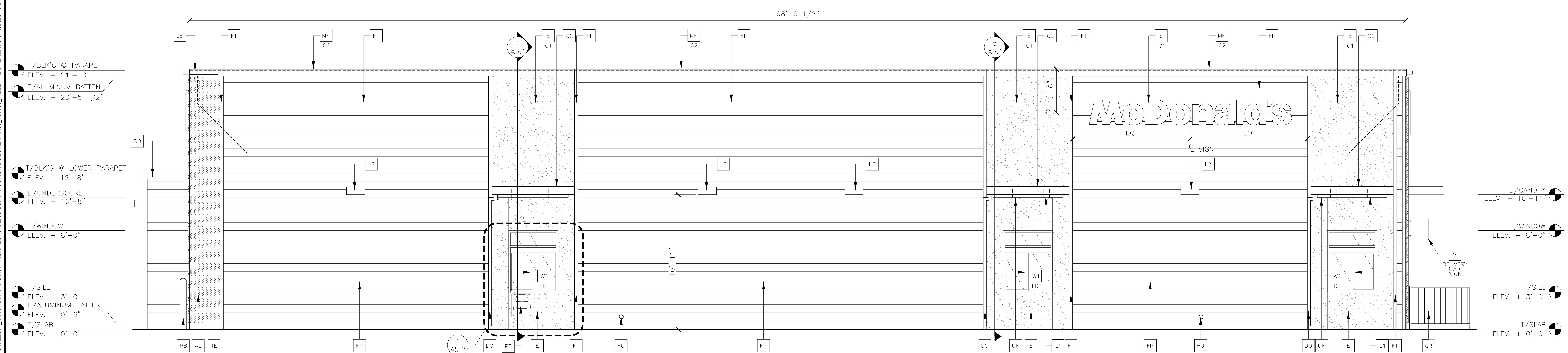
P:\ACO\1-PROJECTS\AMERICAN CANYON\MCDONALD'S_ MCD 2024\MCD24092.0 - 46119B - NEW - PUYALLUP - WA\01 DRAWINGS\01-ARCHITECTURAL\03 CONSTRUCTION DOCUMENTS\03_46119B_A-ELEV-A2.0-A2.1.DWG 3/17/2025 10:27 AM MARK POINDEXTER



3 A2.1 REAR ELEVATION
1/4" = 1'-0"

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic



4 A2.1 DRIVE-THRU ELEVATION
1/4" = 1'-0"

KEY NOTES:

AL ALUMINUM BATTEN SYSTEM
SIZE: 2"X2" PROFILE
COLOR: WOOD GRAIN, BACKRAIL UNFINISHED, ENDCAP PAINTED TO MATCH
SUBSTRATE: 1/2" EXTERIOR HIGH DENSITY OVERLAY (HDO) PLYWOOD, BB, GROUP 1, HDO BOTH FACES, APA TRADEMARKED.
COURSE GRIT SAND SURFACES PRIOR TO PRIMING. PRIME AND PAINT BOTH SIDES AND ALL EDGES PRIOR TO INSTALLATION.
SUBSTRATE COLOR: "IRON ORE" SW 7069 BY SHERWIN WILLIAMS

AP ALPOLIC METAL PANEL (COLOR: DON GRAY)

C1 ALUMINUM CANOPY SYSTEM
COLOR: WHITE

C2 ALUMINUM CANOPY SYSTEM
COLOR: RAL 7022

CJ CONTROL JOINT
1 —TYPE: 1 = EIFS

D HOLLOW METAL DOOR
PAINT: "FAIRVIEW TAUPE" HC-85 BY BENJAMIN MOORE

DE DECAL BY GRAPHICS SUPPLIER
SURFACE APPLIED, FIELD INSTALLED, PRE CUT, PRE SPACED.
SUPPLIERS:
VOMELA (865) 330-7337, ann.bowen@vomela.com
GFX INTERNATIONAL (847) 543-4600, mcdonaldsdecor@gfxi.com

DO DOWNSPOUT
3" DOWNSPOUT BY CANOPY SYSTEM MANUFACTURER
COLOR: RAL 7022
COORDINATE WITH CIVIL TO TIE INTO STORM DRAINAGE

E EXTERIOR INSULATION FINISH SYSTEM (E.I.F.S.)
C1—COLOR:
C1 = "IRON ORE" SW 7069 BY SHERWIN WILLIAMS

EJ EXPANSION JOINT, SEE DETAIL 7/A4.1

ES ELECTRICAL SWITCHGEAR ON HOUSEKEEPING PAD.
SEE TO ELECTRICAL DRAWINGS.

FB
C02— CO2 = BULK CO2 FILL BOX (EQPM SCHEDULE ITEM 49.00)
BO = BULK OIL FILL BOX (EQPM SCHEDULE ITEM 700.18)

FP FIBER CEMENT LAP SIDING: SMOOTH HARDI-BOARD PLANK BY JAMES HARDIE, 8-1/4" WIDTH, 7" EXPOSURE, HZ5
COLOR: TIMBER BARK

FT FIBER CEMENT TRIM: HARDIE TRIM BOARDS 4/4 SMOOTH, 1 5/8" AND 3 1/2" WIDTH, 3/4" THICK, HZ5
COLOR: TIMBER BARK (CHECK 1 5/8" PRE-PAINT AVAILABILTY)

GR GUARD RAIL -SEE SITE PLAN FOR EXACT LOCATION AND LENGTH
PAINT: "IRON ORE" SW 7069 BY SHERWIN WILLIAMS

L1 RECESSED DOWN LIGHT FIXTURE - SEE ELECTRICAL
C1—COLOR:
C1= WHITE
C2= GOLD

L2 RADIAL SCONCE LIGHT FIXTURE - SEE ELECTRICAL
COLOR: PLATINUM SILVER

LE ACCENT LIGHTING - SEE ELECTRICAL
L1—LED LIGHT:
L1 = SLIM LED (DOWN ONLY)
L2 = UP ONLY FLOOD FIXTURE

MF METAL FASCIA
1 — TYPE:
1 = PRE-FAB ANCHOR-TITE FASCIA
2 = BOTTOM TRIM AT METAL REVEAL PANEL
3 = VERTICAL TRIM AT METAL REVEAL PANEL CORNERS, CLOSURES
C1 — COLOR:
C1= WEATHERED ZINC
C2= RAL 7022

PB PIPE BOLLARD - PAINTED YELLOW

PT (RMHC) COIN COLLECTOR
MODEL: #WPT STD
CALL 1-888-743-7435 TO ORDER

RO ROOF DRAIN OVERFLOW PIPE PAINT TO MATCH SURROUNDING MATERIAL

S McDONALD'S SIGNAGE BY OTHERS - UNDER SEPARATE PERMIT.
C1— COLOR:
C1= WEATHERED ZINC RACEWAY
C2= RAL 7022 RACEWAY

ST CO2 STROBE/ALARM. SEE MECHANICAL DRAWINGS FOR SPECIFICATION.

TE TRU EXTERIOR 1"X6" TRIM, PAINTED ON SITE
COLOR: "IRON ORE" SW 7069 BY SHERWIN WILLIAMS

UN METAL UNDERSCORE
COLOR: GOLD

W1 EXTERIOR WINDOW ASSEMBLY - TEMPERED GLASS
COLOR: DARK BRONZE

W2 DRIVE-THRU WINDOW BY READY ACCESS
MODEL: 600 SERIES, 36" SERVICE HEIGHT WITH TRANSOM, MANUAL OPEN; ELECTRONIC RELEASE
XX— COLOR: DEEP BRONZE
SLIDE DIRECTION: RL = RIGHT TO LEFT
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REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
1	03/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:
PM DESIGN
Architectural Solutions Group
211 GATEWAY RD. W. SUITE. #208
NAPA, CA 94558
HALA IBRAHIM
PHONE: (707) 655-4733
EMAIL: HIBRAHIM@PMDGINC.COM
KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664 REGISTERED ARCHITECT
KENNETH McCRACKEN
STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25
Seal

PREPARED FOR: McDonald's USA, LLC

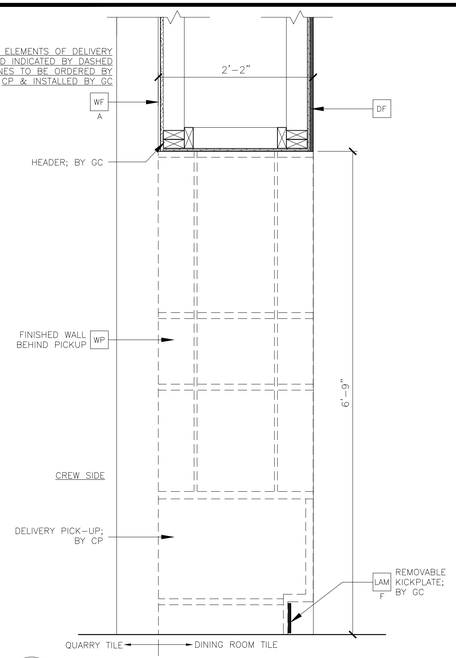
DRAWN BY: | STD ISSUE DATE: 12/10/24 | REVIEWED BY: HII | DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING - WOOD BEARING WALLS, WOOD ROOF TRUSS FRAMING, STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1180 | SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

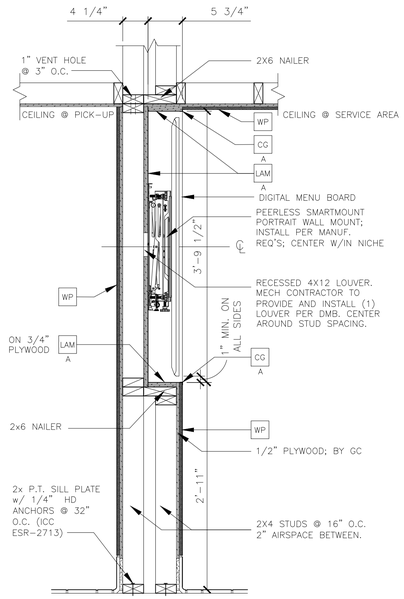
SHEET NO. 046-1180.00.0
A2.1
ELEVATIONS

MCD24092.0 - PUYALLUP, WA

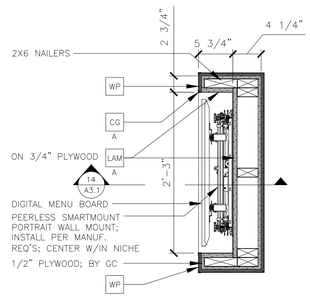
P:\AC\01-PROJECTS AMERICAN CANYON\MCDONALD'S__MCD 2024\MCD24092.0 - 461180 - NEW - PUYALLUP _ WA\01 DRAWINGS\01-ARCHITECTURAL\03 CONSTRUCTION DOCUMENTS\03_461180_A-ELEV-A2.0-A2.1.DWG 3/17/2025 10:24 AM MARK POINDEXTER



15 A3.1 SECTION @ DELIVERY POD
1" = 1'-0"



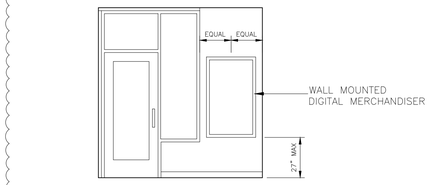
14 A3.1 SECTION @ DIGITAL MERCHANDISER
1"=1'-0"



13 A3.1 PLAN DETAIL @ DIGITAL MERCH.
1"=1'-0"

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

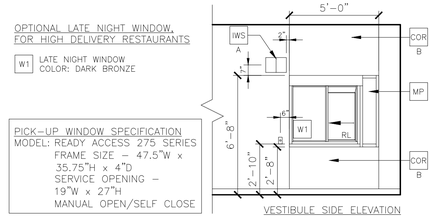
Building	Planning
Engineering	Public Works
Fire	Traffic



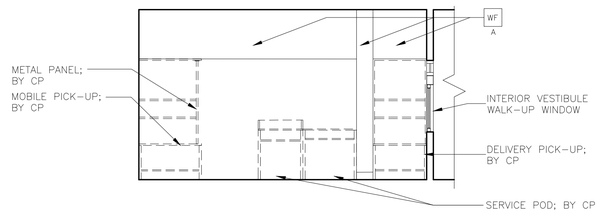
11 A3.1 NONDRIVE-THRU VESTIBULE ELEVATION
1/4" = 1'-0"

* SECURE TO STUDS OR 3/4" PLYWOOD BACKING
* FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS

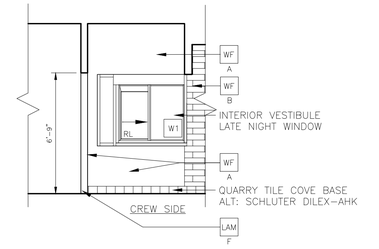
10 A3.1 DIGITAL BOARD BRACKET DETAIL
1"=1'-0"



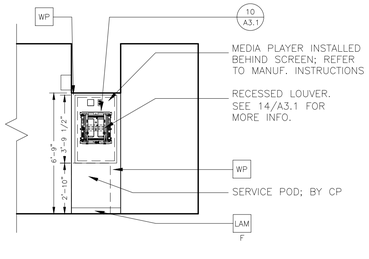
9 A3.1 LATE NIGHT WINDOW – VESTIBULE SIDE
1/4" = 1'-0"



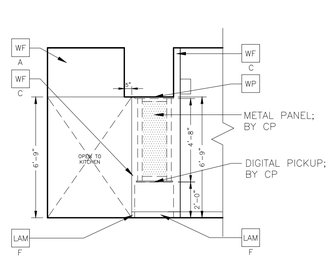
8 A3.1 SERVICE AREA ELEVATION – CREW SIDE
1/4" = 1'-0"



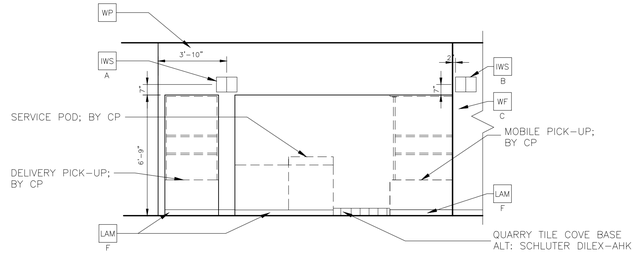
6 A3.1 LATE NIGHT WINDOW – CREW SIDE
1/4" = 1'-0"



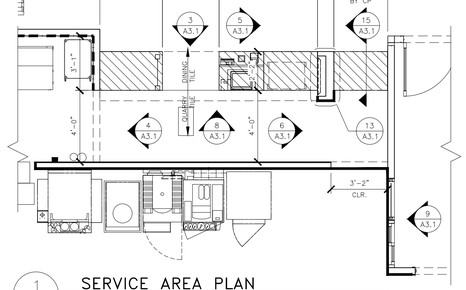
5 A3.1 SERVICE AREA ELEVATION
1/4" = 1'-0"



4 A3.1 SERVICE AREA ELEVATION
1/4" = 1'-0"



3 A3.1 SERVICE AREA ELEVATION – CUSTOMER SIDE
1/4" = 1'-0"



1 A3.1 SERVICE AREA PLAN
1/4" = 1'-0"

KEY NOTES

CG CORNER GUARD: 3/4" ANGLE BY DECOR
X—
A = BLACK

COR CORIAN:
X—
A = 1/2" CORIAN CAMEO WHITE
B = 1/2" CORIAN DEEP TITANIUM

FRP FIBERGLASS REINFORCED PLASTIC – PANOLAM, GRAY SMOOTH, CLASS A, .075. FOR ORDERING, CONTACT KIMBERLY LAWSON Kimberly_Lawson@panolam.com 1-866-925-4377

IWS INTERIOR WAYFINDING SIGNAGE
X—
A = McDELIVERY INTERIOR BLADE SIGN
B = MOBILE ORDER INTERIOR BLADE SIGN
C = ADA ASSISTANCE SIGNAGE
D = McDELIVERY + MOBILE ORDER SOFFIT DECAL

KS KIOSK SIGNAGE BY GC; ORDER FROM AMANDA GUSTAFSON W/ ALTRUA (agustafson@altrua.com)
X—
A = 'CREDIT ONLY' KIOSK SIGNAGE
B = 'CASH/CREDIT' KIOSK SIGNAGE

LAM LAMINATE:
X—
COLOR:
A = IDMB / DIG. MERCH., SMOOTH BLACK PLASTIC LAMINATE BY GC
B = TRASH/ COND., WHITE PLASTIC LAMINATE BY GC
C = TRASH/ COND., LAMITECH GRAPHITE K MATTE FINISH
D = SEE DECOR DRAWINGS. MFR BY DECOR. PURCHASE AND INSTALL BY GC
E = McDELVIERY UNDERSCORE, LAMITECH GOLDEN
F = BASE BOARD, FORMICA COMPACT LAMINATE MATTE BLACK BY GC

MP METAL INFILL PANEL. MATCH DARK BRONZE WINDOW ASSEMBLY

WP LAMINATE WALL PANEL PER DECOR PORTFOLIO:
GEOMETRY = LAMITECH – 1557–PR, COLOR: SEASON ASH
LUNA = LAMITECH – 1467 MT, COLOR: LINEAL OAK
RAY = WILSONART – 7954–38A, COLOR: NATURAL RIFT
ROUTE 66 = LAMITECH – 1540 PW, COLOR: ONTARIO OAK
COORDINATE WITH McDONALD'S AREA CONSTRUCTION MANAGER

WF WALL FINISH.
TILE GROUT: MAPEI 02 PEWTER – JOINT TO BE 1/16" MAX. (UNO)
X—
A = TILE PER DECOR PORTFOLIO.
GEOMETRY/LUNA/RAY: EUROWEST – 754–747. COLOR: NOIR.
SIZE: 4"X12". PATTERN: STACKED BOND.
ROUTE 66: EUROWEST – WHITE GLOSSY CHEVRON
GROUT: CHARCOAL 47 – JOINT TO BE 1/16" MAX.
B = CROSSVILLE – COLOR BY NUMBERS. COLOR: AFTERNOON SPRAY.
SIZE: 4"X12". PATTERN: STACKED BOND.
C = WALL PANEL / TILE PER DECOR PORTFOLIO.
GEOMETRY: CROSSVILLE – KALEIDOSCOPE, 24"X24". STACKED BOND.
LUNA: CROSSVILLE – MOONLIGHT GREY, 12"X24", STACKED BOND.
RAY: LAMITECH – INDUSTRIAL CONCRETE (WITHOUT HOLES)
ROUTE 66: EUROWEST – WHITE GLOSSY CHEVRON
GROUT: CHARCOAL 47 – JOINT TO BE 1/16" MAX.

GENERAL NOTES

- ALL WALL LAMINATE PANELING MANUFACTURED BY DECOR PURCHASE AND INSTALL BY GC, UNO.
- ALL ELEMENTS 'BY CP' TO BE ORDERED BY CENTRAL PURCHASING AND INSTALLED BY GC, UNO.
- KIOSK SIGNAGE BY GC; ORDER FROM AMANDA GUSTAFSON W/ ALTRUA (agustafson@altrua.com) 'CREDIT ONLY' & 'CASH/CREDIT' KIOSK SIGNAGE

REV	DATE	DESCRIPTION	BY
1	12/10/24	ISSUED FOR PERMIT	HII
2	03/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:

PM DESIGN Architectural Solutions Group
211 GATEWAY RD. W.
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KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
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KENNETH McCRACKEN
STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25

Seal 01366

DRAWN BY
STD ISSUE DATE 12/10/24
REVIEWED BY HII
DATE ISSUED 03/20/25

TITLE 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION
2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID 046-1180
SITE ADDRESS 2902 E Pioneer, Puyallup, WA 98372

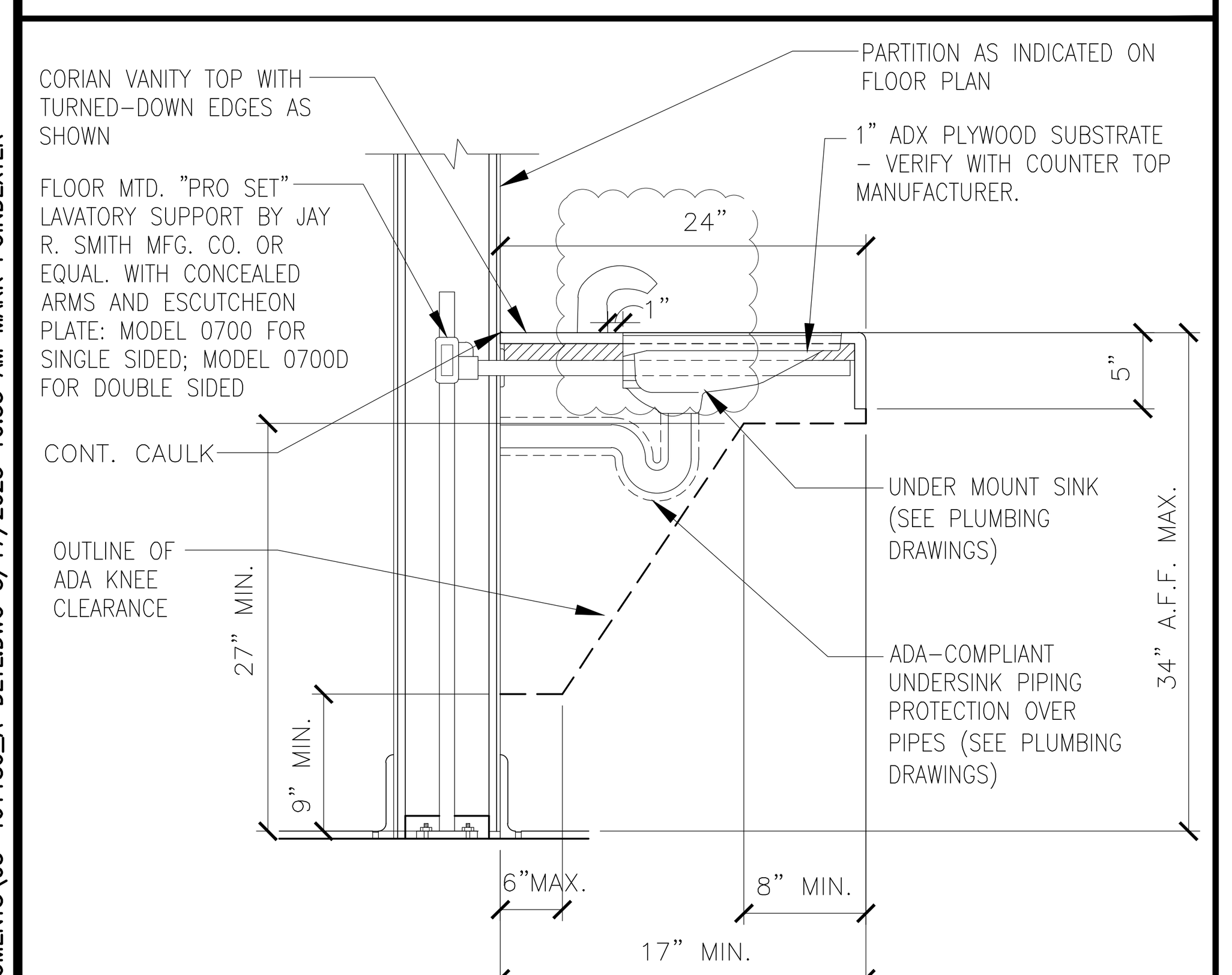
SHEET NO. 046-1180.00.0
A3.1
SERVICE AREA DETAILS

MCD24092.0 – PUYALLUP, WA

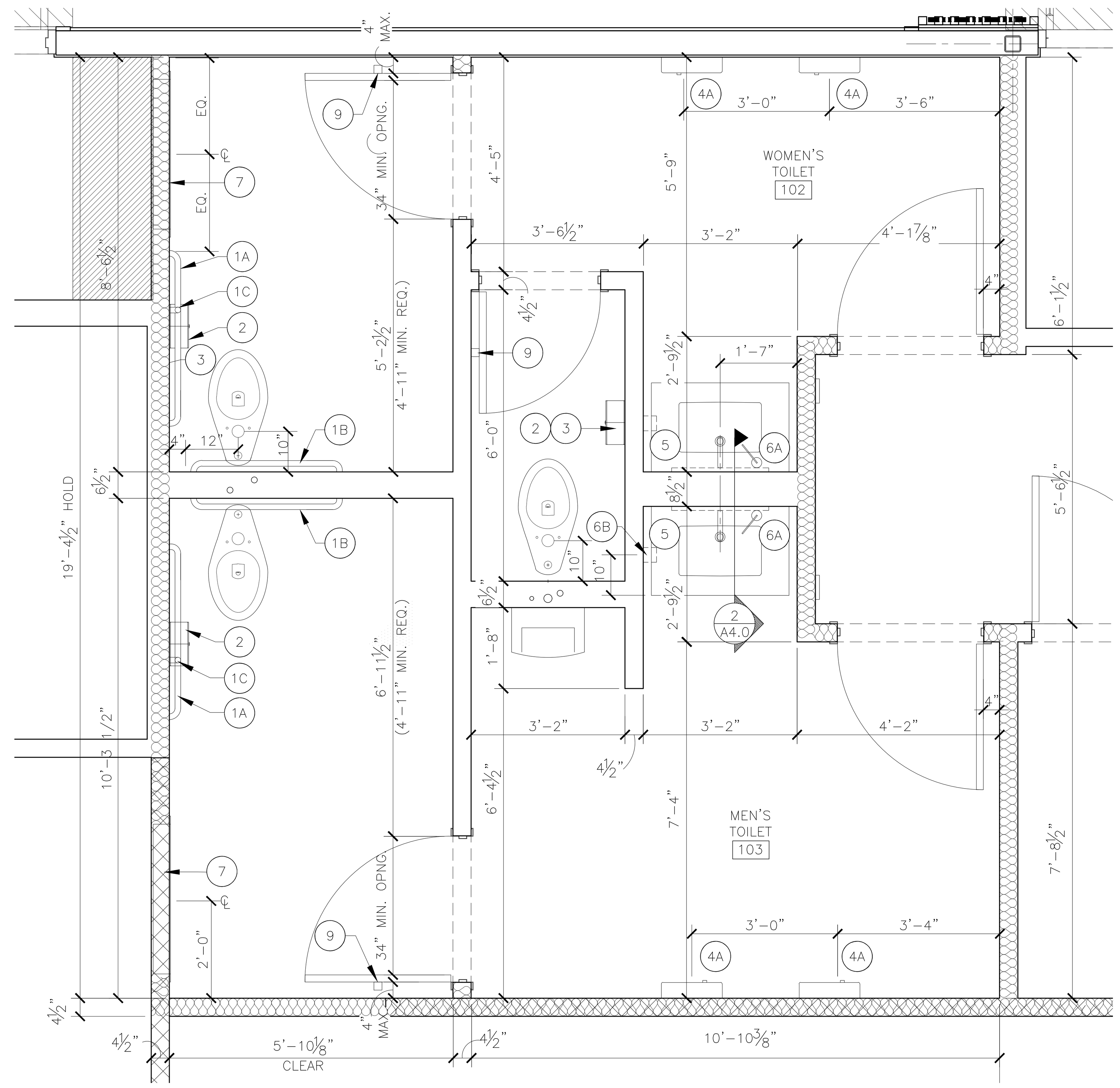
P:\ACO\01-PROJECTS AMERICAN CANYON\MCDONALD'S___MCD 2024\MCD24092.0 – 461180 – NEW – PUYALLUP – WA\01 DRAWINGS\01-ARCHITECTURAL\03 CONSTRUCTION DOCUMENTS\04-461180_A-DETL-A3.1.DWG 3/17/2025 10:29 AM MARK PONDEXTER

RESTROOM GENERAL NOTES

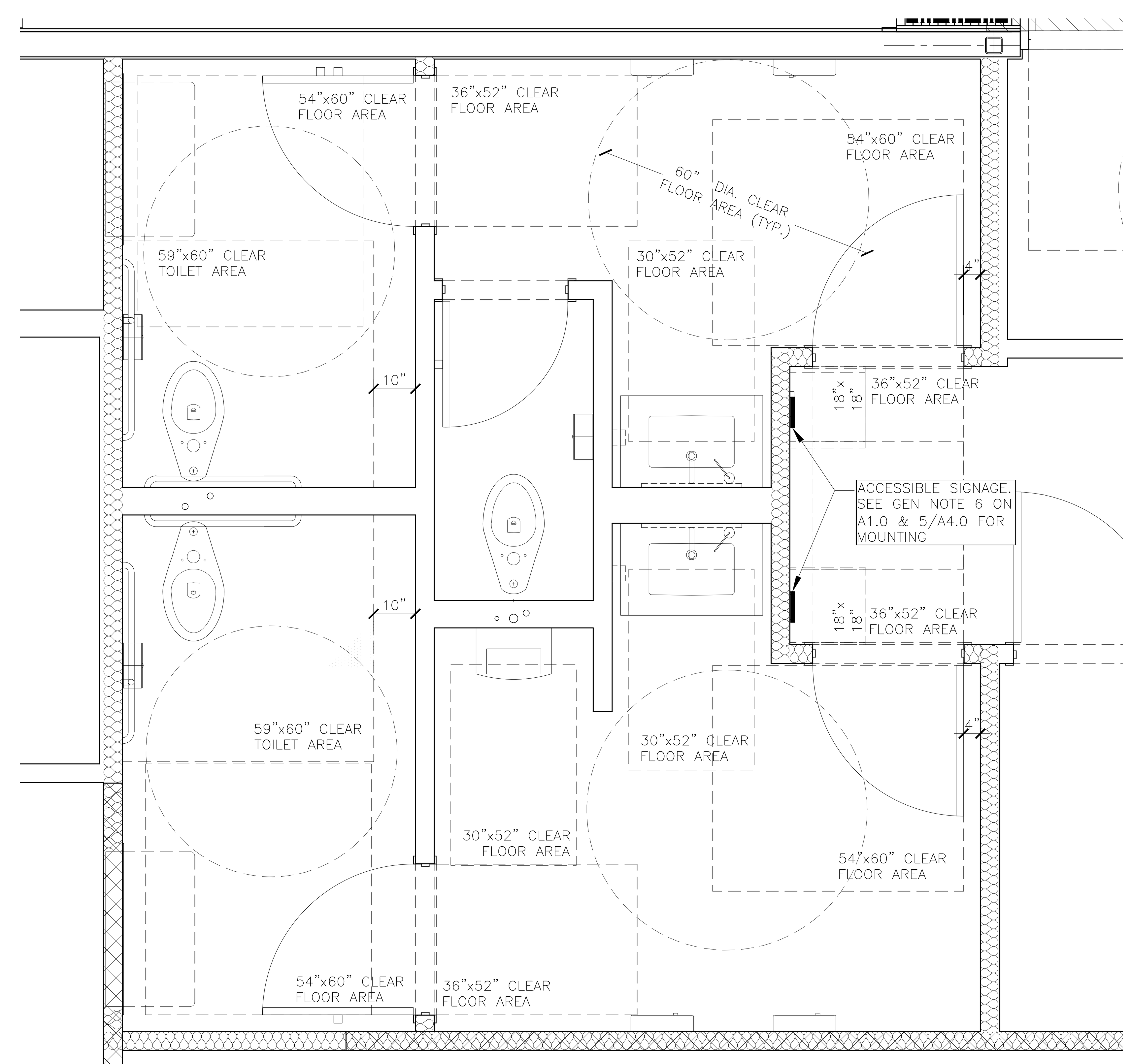
1. GC TO VERIFY EXHAUST FAN FOR MIN. OF (5) AIR CHANGES PER HOUR.
2. THE DOOR HARDWARE SHALL BE OPERABLE WITHOUT TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.
3. THE DOOR CLOSURES MUST BE MODIFIED OR REPLACED SO THEY REQUIRE NO MORE THAN 5 POUNDS OR LESS OF FORCE TO OPEN.
4. WALL SIGNAGE SHALL BE INSTALLED ON THE LATCH SIDE OF THE DOOR AT 48" BRAILE, 60" TO BASELINE OF TOP ROW OF TEXT, SEE AS SHEETS.
5. THE WALL SIGNAGE MUST INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AND CORRESPONDING VERBAL DESCRIPTION USING RAISED LETTERING AND BRAILLE. SEE SHEET CVR2.
6. THE FLUSH VALVE SHALL BE LOCATED ON THE WIDE SIDE OF THE TOILET AREA.
7. KNEE CLEARANCE UNDER THE LAVATORY SHALL PROVIDE A MINIMUM OF 27" FROM THE FLOOR TO THE BOTTOM SINK BOWL AND A MINIMUM OF 30" WIDE AT A MINIMUM OF 8" BACK FROM THE FRONT OF THE LAVATORY.
8. THE SEAT COVER DISPENSER SHALL BE MOUNTED TO MEET ACCESSIBILITY REQUIREMENTS. THE MAXIMUM HEIGHT IS 40 INCHES ABOVE THE FLOOR.
9. TOILET PAPER DISPENSERS ARE TO BE MOUNTED BELOW THE GRAB BAR – TOP OF DISPENSER IS TO BE 2" CLEAR OF THE GRAB BAR.
10. INSULATE ALL EXPOSED HOT WATER & DRAINPIPES.
11. SEE PLUMBING PLANS FOR FIXTURE SPECIFICATIONS. PROVIDE ELONGATED TOILET SEAT AT THE ACCESSIBLE STALL.



2 / A4.0 SECTION @ LAVATORY
1"=1'-0"



1 / A4.0 ENLARGED RESTROOM PLAN
1/2" = 1'-0"

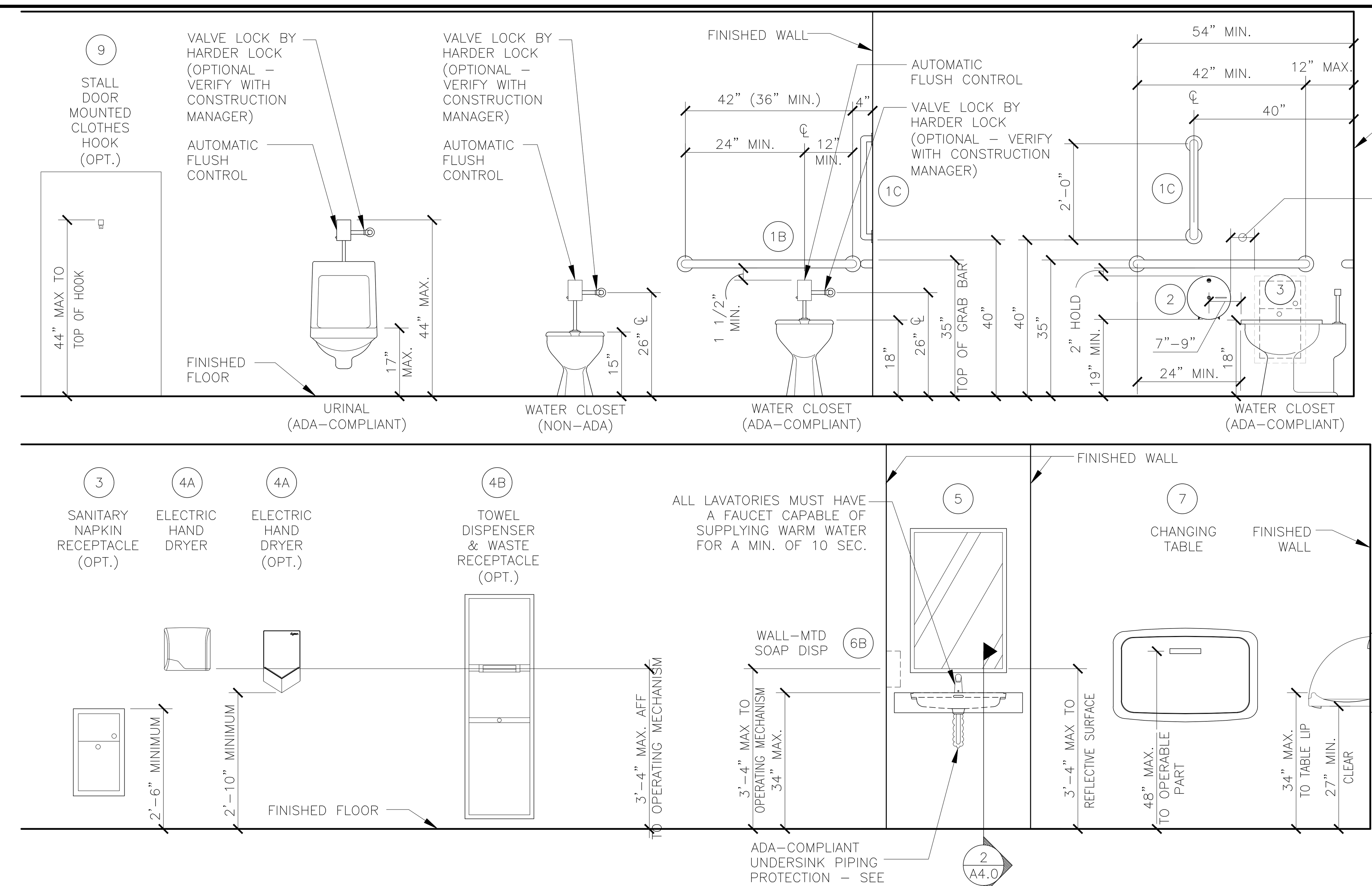


1B / A4.0 ENLARGED RESTROOM PLAN (ADA CLEARANCES)
1/2" = 1'-0"

NOTES
1. ALL DIMENSIONS SHOWN ARE TAKEN TO CEMENT BD.
2. SEE SHEET A1.0 FOR PARTITION TYPES
3. SEE SHEETS A6.0 & A6.1 FOR DOOR AND FINISH SCHEDULES.
4. SEE 4/A4.0 FOR FIXTURE MOUNTING HEIGHTS
(X) = RESTROOM ACCESSORY – SEE 3/A4.0

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic



4 / A4.0 RESTROOM FIXTURE AND ACCESSORY ELEVATIONS
1/2" = 1'-0"

	ITEM (SEE NOTE 2)	MFR MODEL #	SUPPLIER	BACKUP SUPPORT (SEE NOTE 3)
1A	GRAB BAR 42"	BOBRICK B-6806X42	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	(1)2x6 4'-0" LONG CENTER MOUNTED
1B	GRAB BAR 36"	B-6806X36		
1C	GRAB BAR 24"	B-6806X24		
2	TOILET TISSUE DISPENSER, JUMBO, SURFACE MOUNTED	BRADLEY 5424	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	FRAME WALL OPENING PER MANUFACTURER'S RECOMMENDATIONS
3	SANITARY NAPKIN RECEPTACLE, RECESSED (OPTIONAL)	BOBRICK B-354	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	
4A	HAND DRYER, ENERGY EFFICIENT MODEL, ADA, ALUMINUM BRUSHED	WORLD DRYER Q-973A2 VerdeDri	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	FRAME WALL OPENING PER MANUFACTURER'S RECOMMENDATIONS
4A OPTION	HAND DRYER, ENERGY EFFICIENT MODEL ADA, SPRAYED NICKEL	DYSON AIRBLADE V	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	
4B OPTION	TOWEL DISPENSER & WASTE RECEPTACLE, COMBINATION, RECESSED (OPTIONAL)	BOBRICK B-3974	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	
5	MIRROR, CHANNEL FRAME	BOBRICK B-165 2436	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	
6A	SOAP DISPENSER, COUNTER MOUNTED, 6" SPOUT (OPTIONAL)	BOBRICK B-82216	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	
6B	SOAP DISPENSER, WALL-MOUNTED	BOBRICK B-2112	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	
7	BABY CHANGING TABLE, HORIZONTAL, RECESSED, ADA COMPLIANT, STAINLESS STEEL	KOALA KARE KB310-SSRE	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	INSTALL PER MANUFACTURER'S RECOMMENDATIONS
7 OPTION "A"	BABY CHANGING TABLE, HORIZONTAL, SURFACE MOUNT, ADA COMPLIANT, STAINLESS STEEL	KOALA KARE KB310-SSWM	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	INSTALL PER MANUFACTURER'S RECOMMENDATIONS
8	DIAPER CONTAINER (OPTIONAL)	–	BY OWNER	
9	CLOTHES HOOK	BRADLEY 917	HUGHES SUPPLY (866) 310-3576 MCDCOORD@HAJOCA.COM	

NOTES:
1) SEE 4/A4.0 FOR ACCESSORY MOUNTING HEIGHTS
2) SELECT ONE ITEM FROM ITEM GROUPS 4 & 6, VERIFY WITH AREA CONSTRUCTION MANAGER.
3) CUT BACK-UP SUPPORTS BETWEEN STUDS SO FACE OF SUPPORT IS FLUSH W/WALL STUD
4) RESTROOM ACCESSORIES TO BE PROVIDED AND INSTALLED BY G.C.

3 / A4.0 RESTROOM ACCESSORY SCHEDULE

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
1	03/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:
PM DESIGN Architectural Solutions Group
211 GATEWAY RD. W. SUITE. #208 NAPA, CA 94558
HALA IBRAHIM
PHONE: (707) 655-4733
EMAIL: HIBRAHIM@PMDGINC.COM
KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664 REGISTERED ARCHITECT
KENNETH McCRACKEN STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25

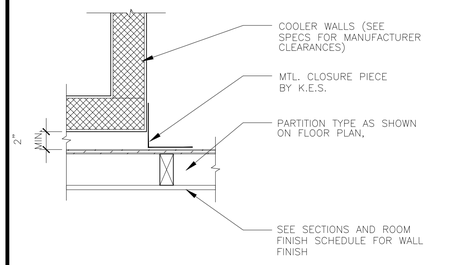
PREPARED FOR: McDonald's USA, LLC

DRAWN BY: --
STD ISSUE DATE: 12/10/24
REVIEWED BY: HII
DATE ISSUED: 03/20/25

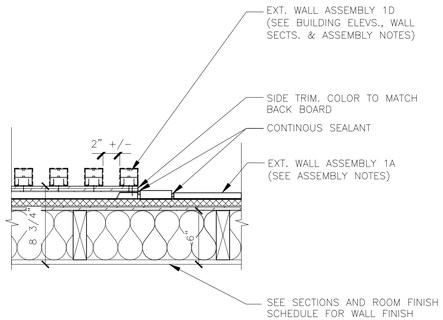
TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

SHEET NO. A4.0
RESTROOM PLAN

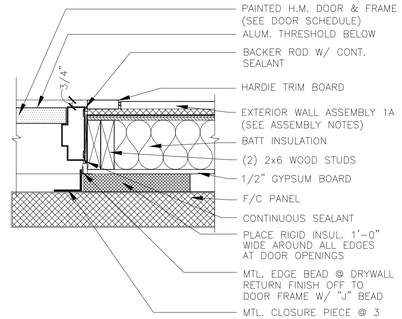
MCD24092.0 – PUYALLUP, WA



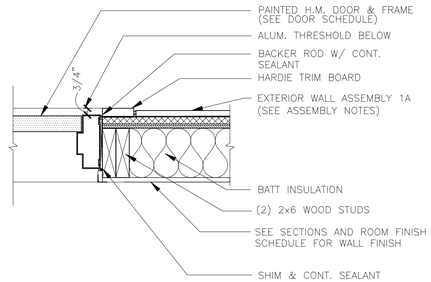
1 A4.1 — CLOSURE DETAIL @ COOLER — 1 1/2"=1'-0"



2 A4.1 — BATTEN TO HARDIE PLANK TRANSITION — 1 1/2"=1'-0"

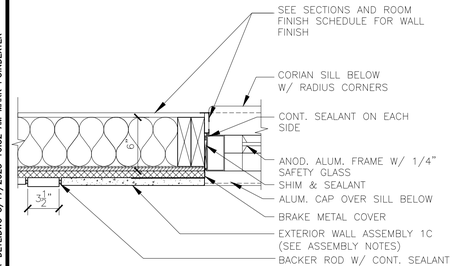


3 A4.1 — DOOR JAMB @ F/C DOOR — 1 1/2"=1'-0"



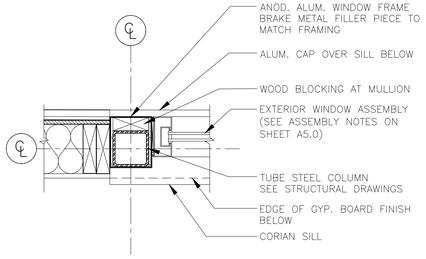
4 A4.1 — EXT.DOOR JAMB DETAIL — 1 1/2"=1'-0"

5 A4.1 — — — —



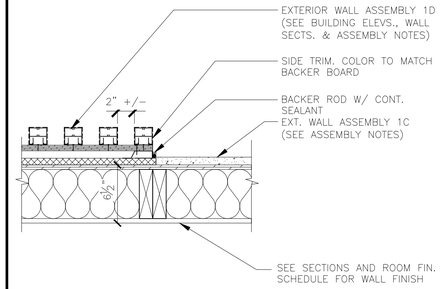
6 A4.1 — ORDER WINDOW JAMB DETAIL — 1 1/2"=1'-0"

7 A4.1 — — — —

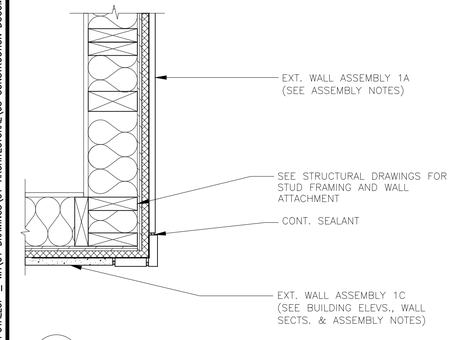


8 A4.1 — DETAIL @ COLUMN — 1 1/2"=1'-0"

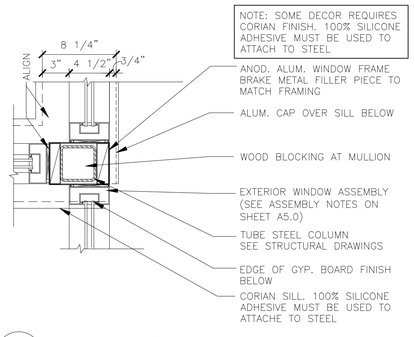
9 A4.1 — — — —



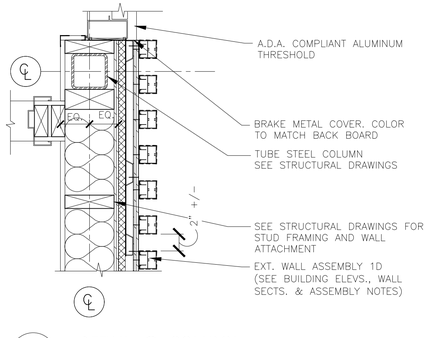
10 A4.1 — BATTEN TO STUCCO TRANSITION — 1 1/2"=1'-0"



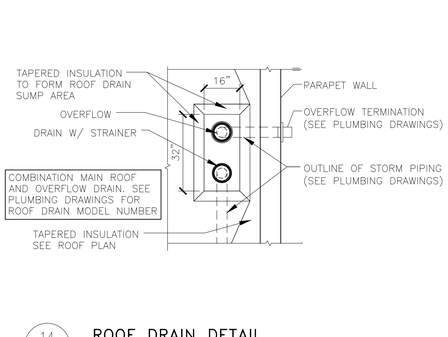
11 A4.1 — CORNER DETAIL @ DT SURROUND — 1 1/2"=1'-0"



12 A4.1 — DETAIL @ COLUMN — 1 1/2"=1'-0"



13 A4.1 — DETAIL @ COLUMN — 1 1/2"=1'-0"

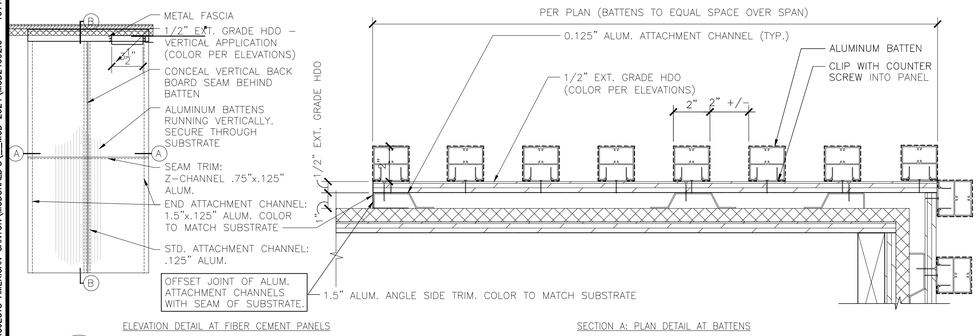


14 A4.1 — ROOF DRAIN DETAIL — 1/4"=1'-0"

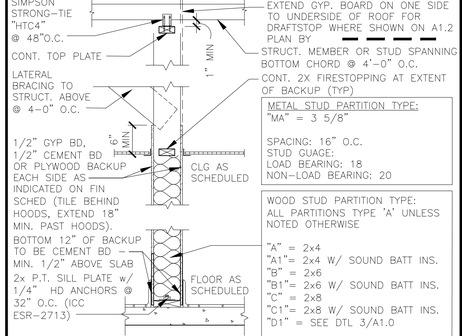
15 A4.1 — — — —

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

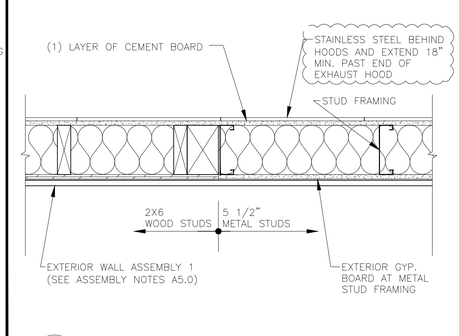
Building	Planning
Engineering	Public Works
Fire	Traffic



16 A4.1 — ALUMINUM BATTEN DETAIL — 1/4"=1'-0"



17 A4.1 — INTERIOR PARTITION — 3/4"=1'-0"



18 A4.1 — TRANSITON DETAIL — 1 1/2"=1'-0"

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
1	03/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:

PM DESIGN
Architectural Solutions Group
211 GATEWAY RD. W.
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HALA IBRAHIM
PHONE: (707) 655-4733
EMAIL: HIBRAHIM@PMDGINC.COM

KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664 REGISTERED ARCHITECT
KENNETH McCRACKEN STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25
Seal 01366

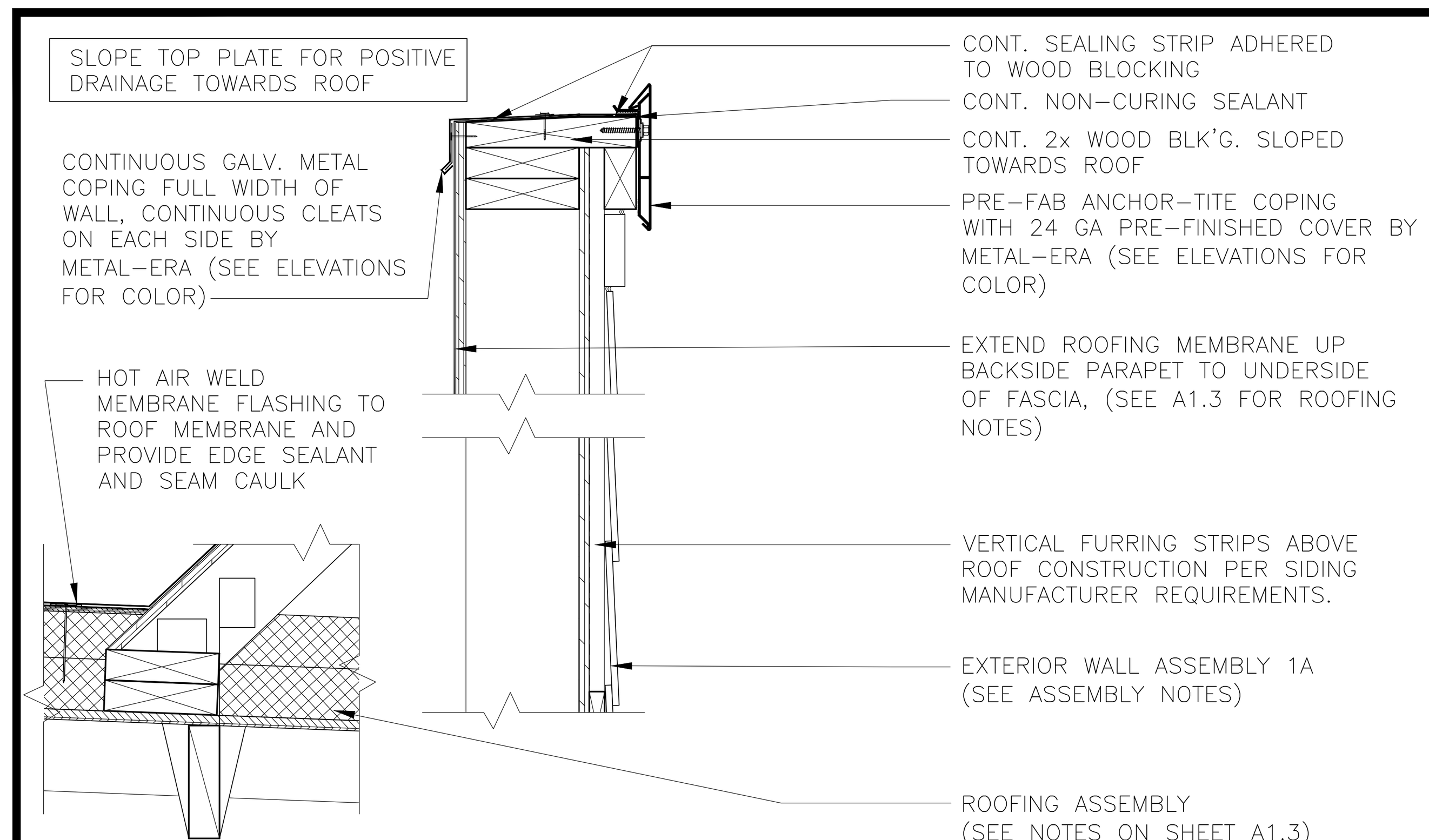
PREPARED FOR: McDonald's USA, LLC

TITLE	2024 STANDARD BUILDING – BB20 3898 – PUYALLUP, WA
DESCRIPTION	2024 STANDARD BUILDING – WOOD BEARING WALLS WOOD ROOF TRUSS FRAMING STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ADDRESS	2902 E Pioneer, Puyallup, WA 98372
SITE ID	046-1180
DRAWN BY	--
STD ISSUE DATE	12/10/24
REVIEWED BY	HII
DATE ISSUED	03/20/25

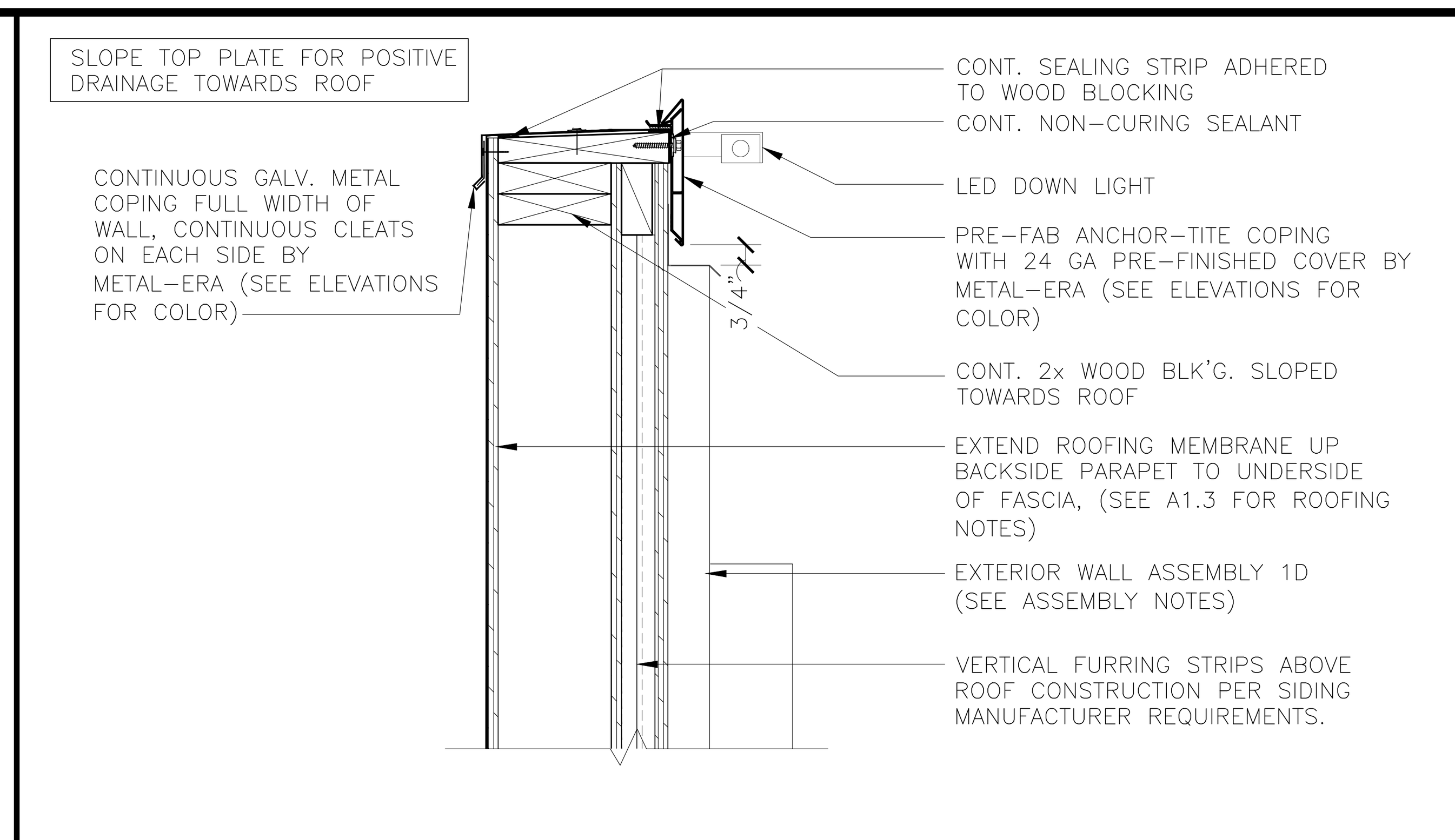
SHEET NO. 046-1180.00.0 A4.1 PLAN DETAILS

MCD24092.0 – PUYALLUP, WA

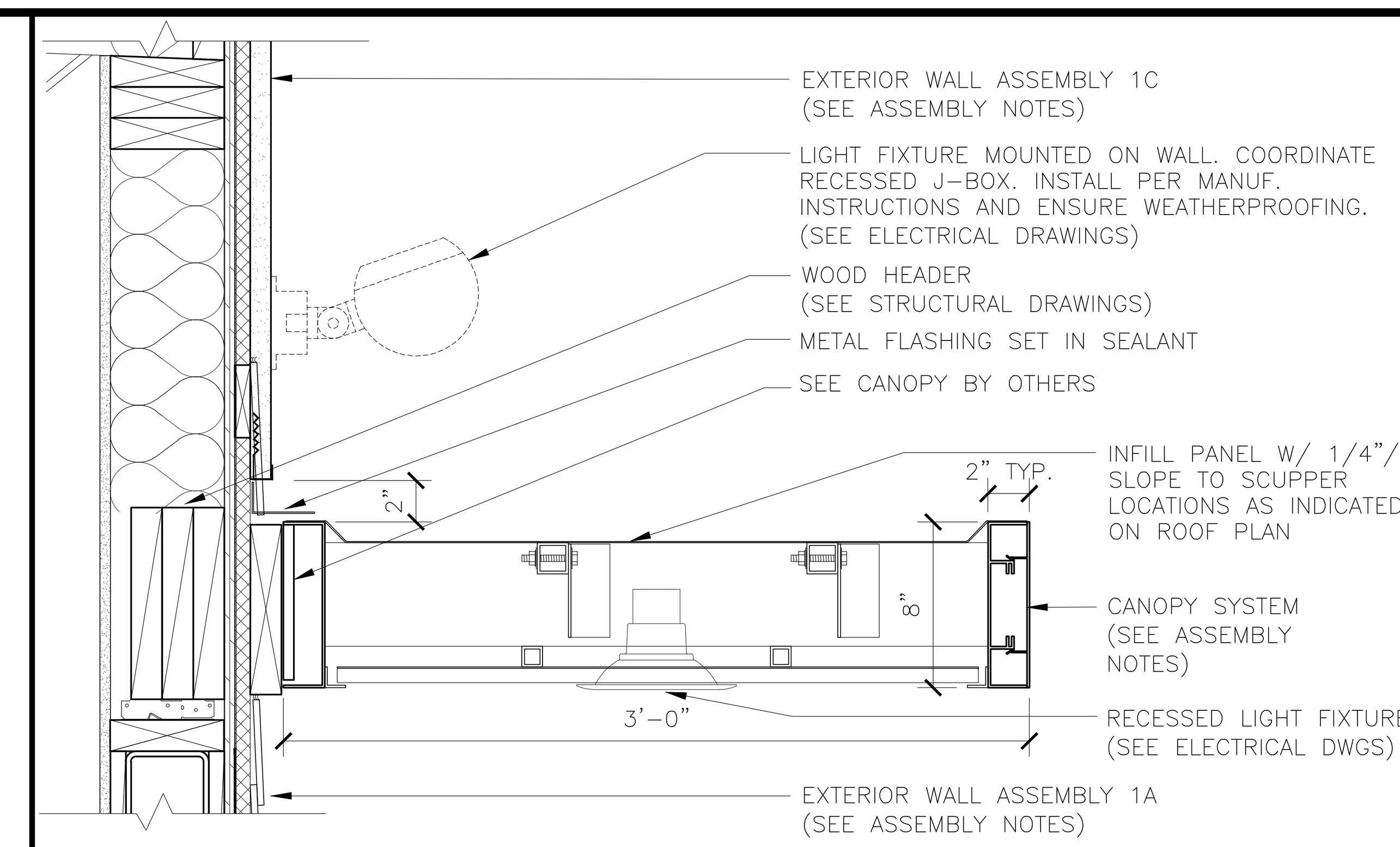
P:\MCD\01-PROJECTS AMERICAN CANYON\MCDONALD'S_ MCD 2024\MCD24092.0 – 461180 – NEW – PUYALLUP _ WA\01 DRAWINGS\01-ARCHITECTURAL\03 CONSTRUCTION DOCUMENTS\05-461180_A-DETL.DWG 3/17/2025 10:32 AM MARK POINDEXTER



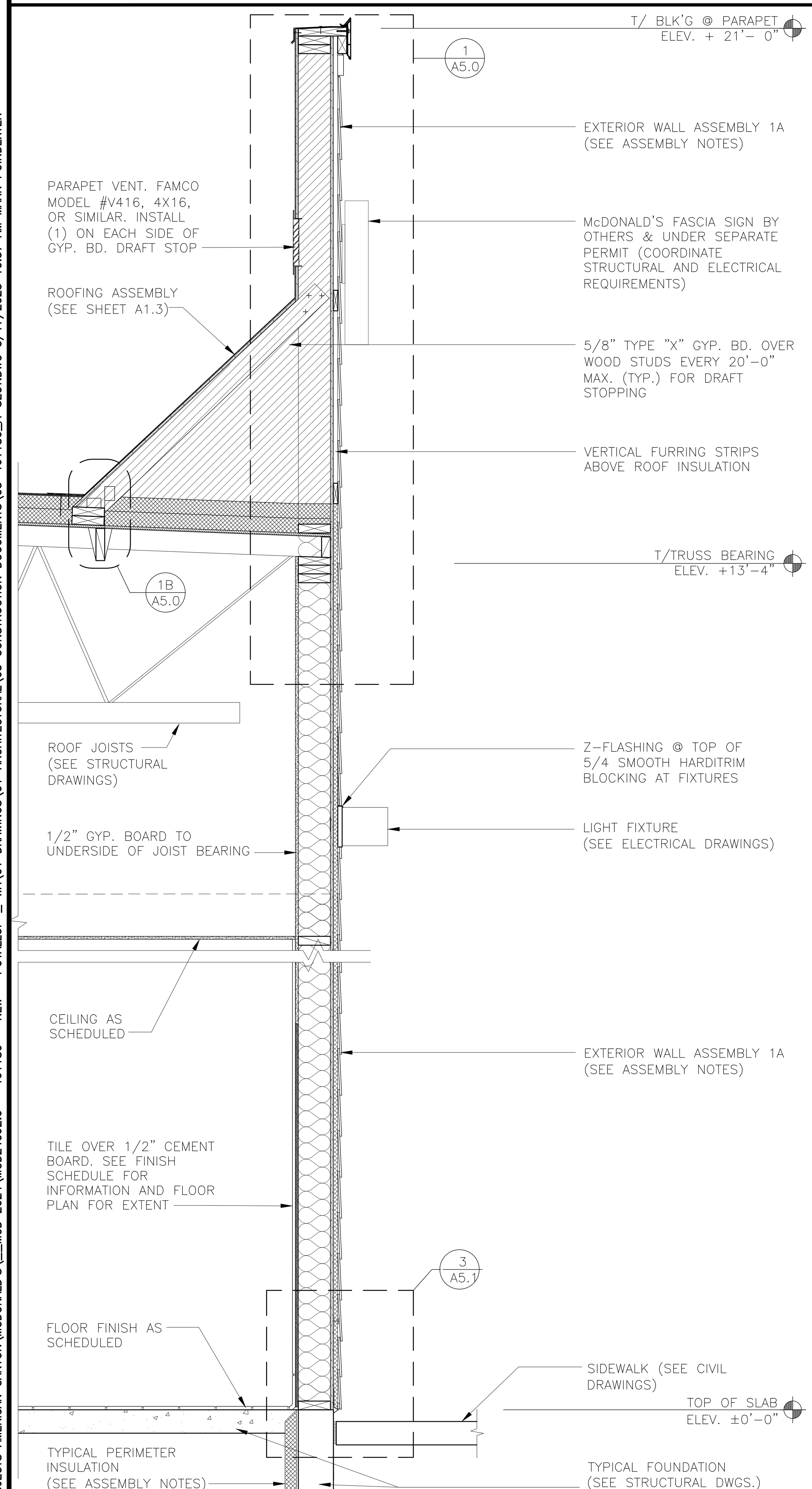
1 A5.0 DETAIL- FASCIA @ PARAPET
1 1/2" = 1'-0"



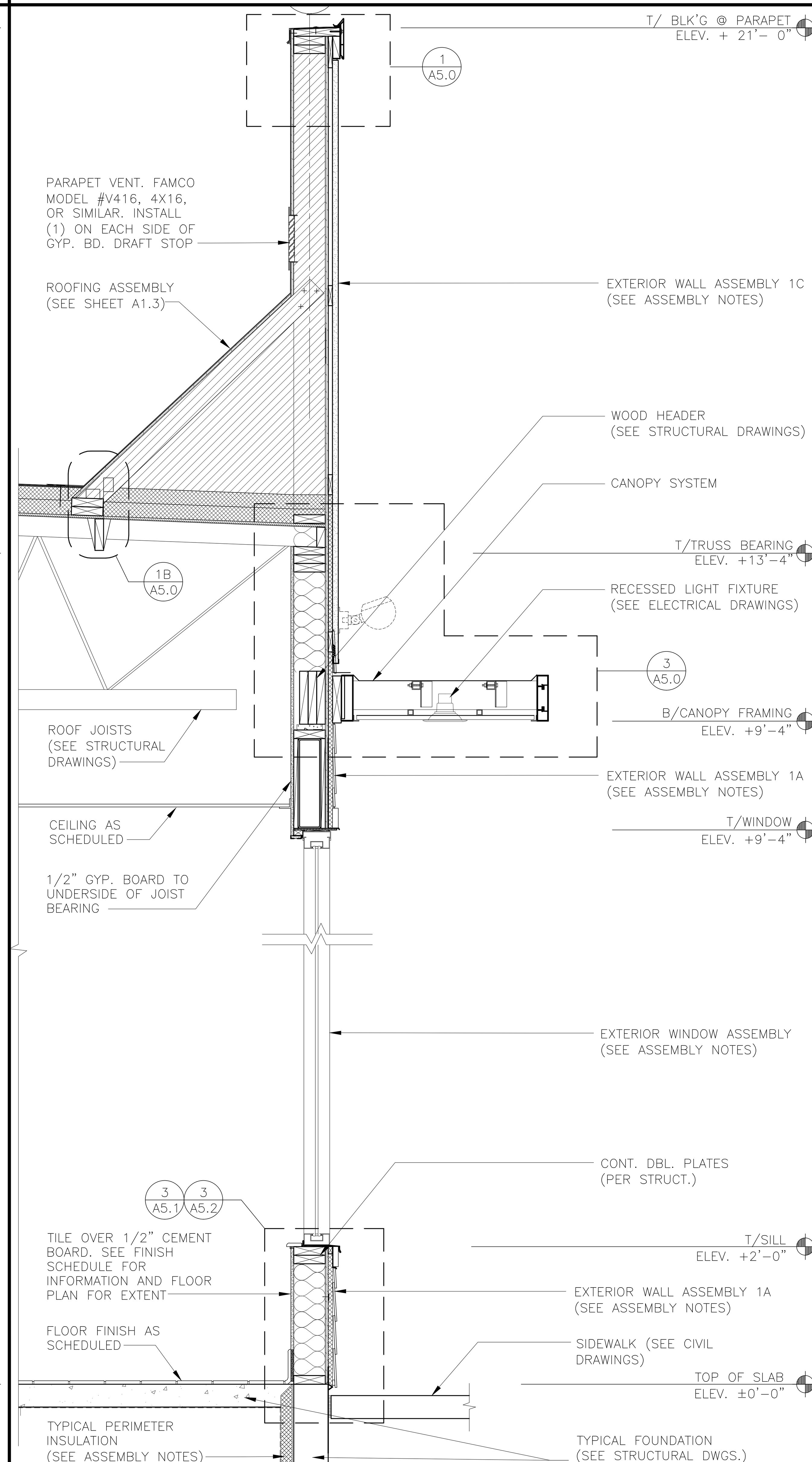
2 A5.0 DETAIL- FASCIA @ AL PARAPET
1 1/2" = 1'-0"



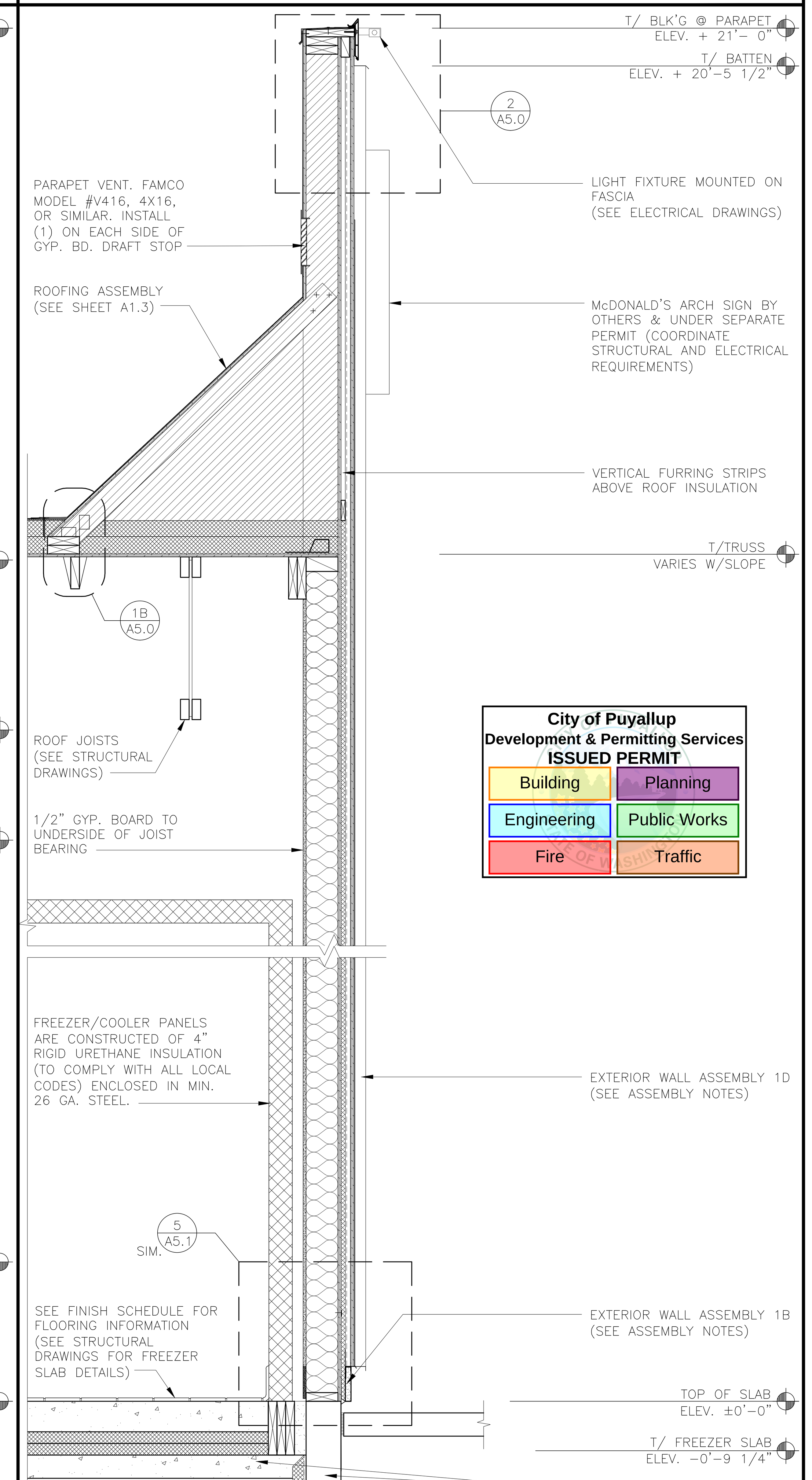
3 A5.0 DETAIL- CANOPY @ WINDOW HEAD
1 1/2" = 1'-0"



5 A5.0 WALL SECTION - RESTROOM
3/4" = 1'-0"



6 A5.0 WALL SECTION - DINING ROOM
3/4" = 1'-0"



7 A5.0 WALL SECTION - FREEZER/COOLER
3/4" = 1'-0"

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

EXTERIOR WALL ASSEMBLIES

FROM EXTERIOR TO INTERIOR

1A. FIBER CEMENT HORIZONTAL LAP SIDING
1. JAMES HARDIE, HARDIEPLANK LAP SIDING, SMOOTH, 8 1/4" WIDTH, 7" EXPOSURE, **HZ5**, COLOR: SEE ELEVATIONS.
   a. COORDINATE FIBER CEMENT PANELS WITH FLASHING, TRIM, PARAPET WALLS AND OTHER ADJOINING WORK TO PROVIDE A LEAKPROOF, SECURE AND NONCORROSIVE INSTALLATION. INSTALL A 2" STARTER STRIP TO ENSURE A CONSISTENT PLANK ANGLE. OVERLAP PANELS 1 1/4" MIN. PROVIDE 7" EXPOSURE. SEE EXTERIOR ELEVATIONS.
   b. USE A POLYCRYSTALLINE DIAMOND-TIPPED FIBER CEMENT BLADE FOR CIRCULAR, MITER, AND TABLE SAWS.

1B. TRU EXTERIOR
1. 1"X6" PRE-PRIMED TRIM. COLOR: SEE ELEVATIONS. NAIL TRIM PIECES IN PLACE WITHIN 2" OF THE EDGE OF THE TRIM PIECE AND EVERY 16" ALONG THE LENGTH OF THE TRIM, USING MANUFACTURER APPROVED NAILS. INSTALL PER LOCAL CODES AND MANUFACTURERS SPECIFICATIONS.

1C. CEMENT PLASTER
1. 7/8" MIN. THICK THREE COAT STUCCO FINISH MEDIUM TEXTURED, APPLIED IN 3 COATS - FINISH COAT OVER BASECOAT - OVER MANUFACTURER'S RECOMMENDED LATH OVER WATER-RESISTIVE VAPOR-PERMEABLE BARRIER EQUAL TO AT LEAST TWO LAYERS OF GRADE 'D' PAPER. TERMINATE STUCCO AT WEEP SCREED 2" ABOVE SIDEWALKS, PAVERS, ETC. INSTALL PER LOCAL CODES AND MANUFACTURERS SPECIFICATIONS.
   USE GALVANIZED OR ZINC COATED WIRE ONLY FOR STUCCO APPLICAITON
2. OVER WALL ASSEMBLY 2

1D. VERTICAL BATTEN SYSTEM
1. ALUMINUM BATTEN W/MOUNTING BACK RAIL. SIZE: 2" WIDE x 2" DEEP. REFER TO EXTERIOR ELEVATIONS FOR COLOR. INSTALL PER LOCAL CODES AND MANUFACTURERS SPECIFICATIONS ON TERMINATION AND INSTALLATION DETAILS. BY SUPPLIER. GC INSTALL
2. 1/2" EXTERIOR HIGH DENSITY OVERLAY (HDO) PLYWOOD, BB, GROUP 1. HDO BOTH FACES. APA TRADEMARKED. SAND WITH COURSE GRIT ALL SURFACES PRIOR TO PRIMING. PRIME AND PAINT BOTH SIDES AND ALL EDGES. BY GC, INSTALL BY GC. ALUM EDGE TRIM BY GC. COLOR TO MATCH SUBSTRATE.
3. 1" 0.125 ALUMINUM CHANNEL BY GC, INSTALL BY GC
4. OVER WALL ASSEMBLY 1A

VERTICAL BATTEN SYSTEM BY:

B+N INDUSTRIES (650) 393-2315 PIRKKO LUCCHESI plucchesi@bnind.com	TUBELITE (214) 288-5801 CHASITY DICKINSON mcdonalds@tubeliteinc.com

2. 3/4" RIGID INSULATION, R-4 VALUE
3. WATER RESISTANT BARRIER PER IBC 1403.2 OVER 1/2" EXTERIOR GRADE PLYWOOD. INSTALL PER LOCAL CODES AND MFR'S SPEC'S.
4. 2x6 WOOD STUD FRAMING @ 16" O.C. (WITH CONTINUOUS DRAFTSTOP/FIRESTOP BLOCKING AT FINISH CEILING LEVEL).
5. 5 1/2" THICK UNFACED BATT INSULATION (R VALUE = 21 MIN.).
6. "CERTAINTEED MEMBRAIN" SMART VAPOR RETARDER (SEMI-VAPOR PERMEABLE) BY CERTAINTEED OR EQUAL.
7. 1/2" CEMENT BOARD SUBSTRATE FOR ALL TILE LOCATIONS. (TYP.) NON TILE LOCATIONS: 1/2" GYPSUM BOARD TO EXTEND TO DECK ABOVE. UNLESS NOTED OTHERWISE.
   ALL GYP. BOARD MUST SCORE 10 PER ASTM D3273, REFERENCE CURRENT PROJECT MANUAL.
8. SEE A1.0 & ROOM FINISH SCHEDULE FOR ADDITIONAL SUBSTRATE INFORMATION.

EXTERIOR WINDOW ASSEMBLY

(STOREFRONT & ENTRANCE SYSTEM)

GLAZING REQ'S: U VALUE = 0.38 U VALUE "DOOR"= 0.77 SHGC = 0.40

1. DARK BRONZE ANODIZED ALUMINUM FRAME, THERMALLY BROKEN WITH HEAD RECEIVER CHANNEL.
2. 1" TEMPERED INSULATED GLAZING
3. PROVIDE FLASHING AT HEAD & SILL - CONTINUOUS SEALANT.
4. PROVIDE METAL CAP @ EXTERIOR BRICK SILL
5. 1/2" CORIAN SILL AT INTERIOR

CANOPY SYSTEM W/ FASCIA

CANOPY INFORMATION SHOWN IN CONSTRUCTION DOCUMENTS IS FOR DESIGN INTENT ONLY. APPROVED MANUFACTURERS SHALL PROVIDE A COMPLETE AND CODE COMPLIANT FINAL DESIGN. REFER TO ELEVATIONS FOR COLOR OF ELEMENTS

1. CANOPY STRUCTURE/OUTRIGGERS: CONT. 2" x 8" PAINTED ALUM. TUBE. PROVIDE CLOSURE PIECE WHERE TUBE ENDS ARE EXPOSED.
2. FASCIA: CONT. 10"H PAINTED ALUM. w/ LED DOWN-LIGHT FIXTURE OVER CANOPY STRUCTURE.
3. TIEBACKS: PAINTED ALUM. THREADED RODS BY MFR. LOCATIONS AS INDICATED ON ROOF PLAN. FINAL LOCATIONS AND QUANTITY SHALL BE AS INDICATED ON TRELLIS INSTALLATION DRAWINGS.
4. WHERE INDICATED ON ROOF PLAN, PROVIDE PAINTED ALUM. PANEL INFILL WITH INTEGRAL GUTTER AND SCUPPER TO MATCH OUTRIGGERS. PANEL TO PROVIDE POSITIVE SLOPE FOR DRAINAGE.
5. SYSTEM SHALL ALLOW FOR MOVEMENT AT EXPANSION JOINTS AND FOR MOVEMENT OF EXTERIOR WALL SYSTEM ON WHICH THE CANOPY IS MOUNTED.
6. STRUCTURAL ATTACHMENTS & LOAD CALCULATIONS SHALL BE FURNISHED BY CANOPY SYSTEM DESIGNER OF RECORD. SUPPLIER'S DESIGNER OF RECORD SHALL DESIGN PER PREVAILING CODES.
7. CANOPY SYSTEM SHALL BE SELECTED FROM ONE OF THE SUPPLIERS LISTED BELOW.
8. MANUFACTURER SHALL PROVIDE INSTALLER WITH INSTALLATION INSTRUCTIONS. MANUFACTURER SHALL DESIGN CANOPY IN ACCORDANCE WITH THE WALL SYSTEM AND BLOCKING AS INDICATED IN THE CONSTRUCTION DOCUMENTS.
9. INSTALLER SHALL NOTIFY CANOPY DESIGNER OF RECORD, McDONALD'S ACM, G.C. AND ARCHITECT OF ANY DEFICIENCIES THAT WOULD NOT ALLOW FOR THE PROPER INSTALLATION OF THE CANOPY. CANOPY SHALL NOT BE INSTALLED UNTIL DEFICIENCIES HAVE BEEN CORRECTED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND THE CANOPY MANUFACTURER'S INSTALLATION INSTRUCTIONS.

CANOPY SYSTEM BY:

GREENHECK (715) 355-3942 www.greenheck.com	ALL-LITE (817) 509-2300 www.alllite.com
AWNEX (770) 704-7140 www.awnexinc.com	

WHITE FASCIA & LED LIGHTING BY:

EVERBRITE (888) 857-4078 www.everbrite.com	PERSONA (800) 843-9888 www.personasigns.com

1. SEE STRUCTURAL DRAWINGS FOR FOUNDATION AND SLAB DETAILS
2. PROVIDE RIGID INSULATION AS FOLLOWS:
   - VERTICALLY FROM TOP OF FOOTING TO TOP OF SLAB:
   - 2'-0" MIN. R-VALUE: **R-10**

4 A5.0 ASSEMBLY NOTES

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
1	03/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:
PM DESIGN Architectural Solutions Group
211 GATEWAY RD. W. SUITE, #208 NAPA, CA 94558
HALA IBRAHIM
PHONE: (707) 655-4733
EMAIL: HIBRAHIM@PMDGINC.COM
KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664 REGISTERED ARCHITECT
KENNETH McCRACKEN
STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25
Seal

PREPARED FOR: McDonald's USA, LLC

DRAWN BY
STD ISSUE DATE 12/10/24
REVIEWED BY HII
DATE ISSUED 03/20/25

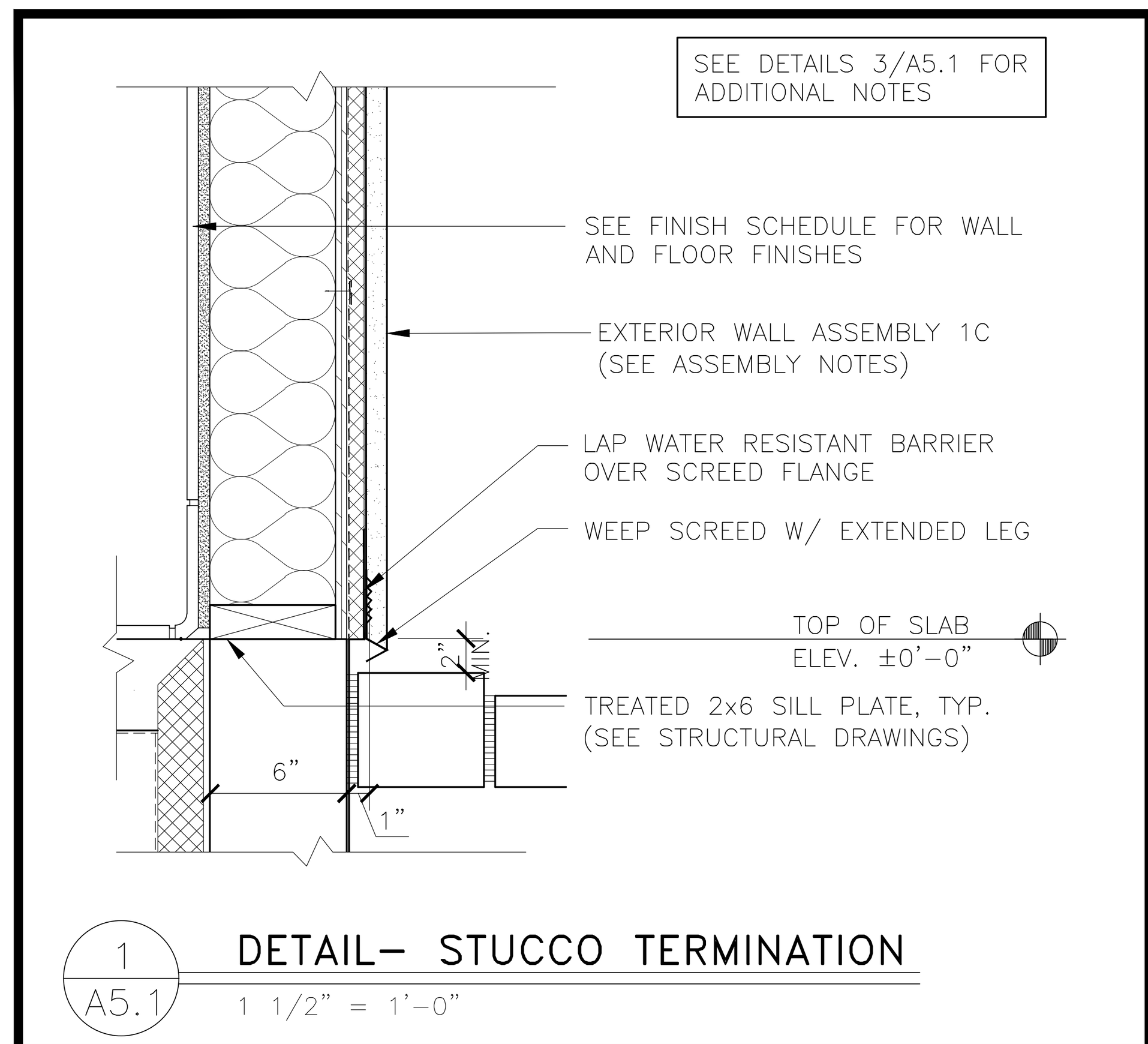
TITLE
2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA

DESCRIPTION
2024 STANDARD BUILDING - WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

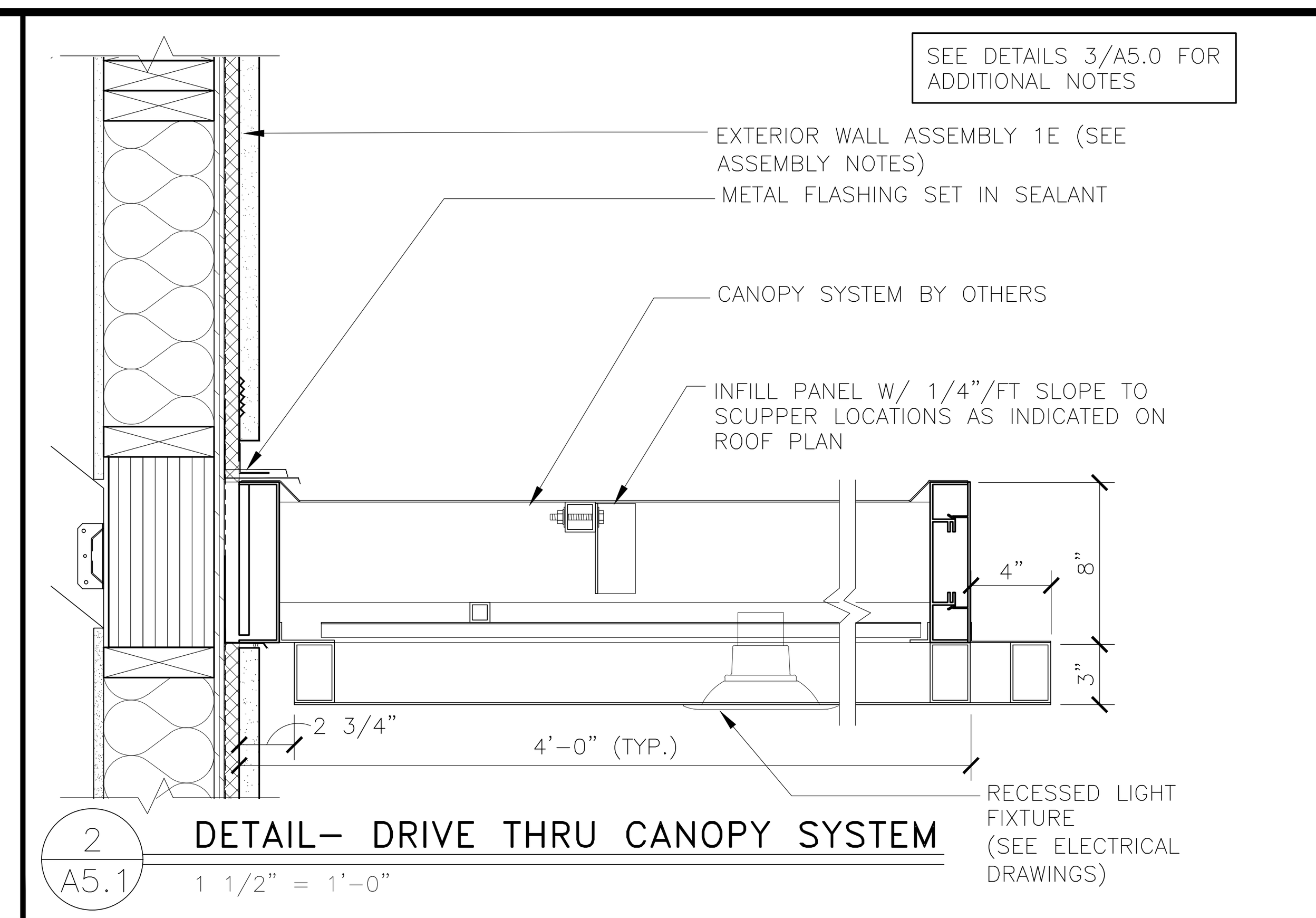
SITE ID 046-1180
SITE ADDRESS 2902 E Pioneer, Puyallup, WA 98372

SHEET NO. 046-1180.00.0
A5.0
WALL SECTIONS

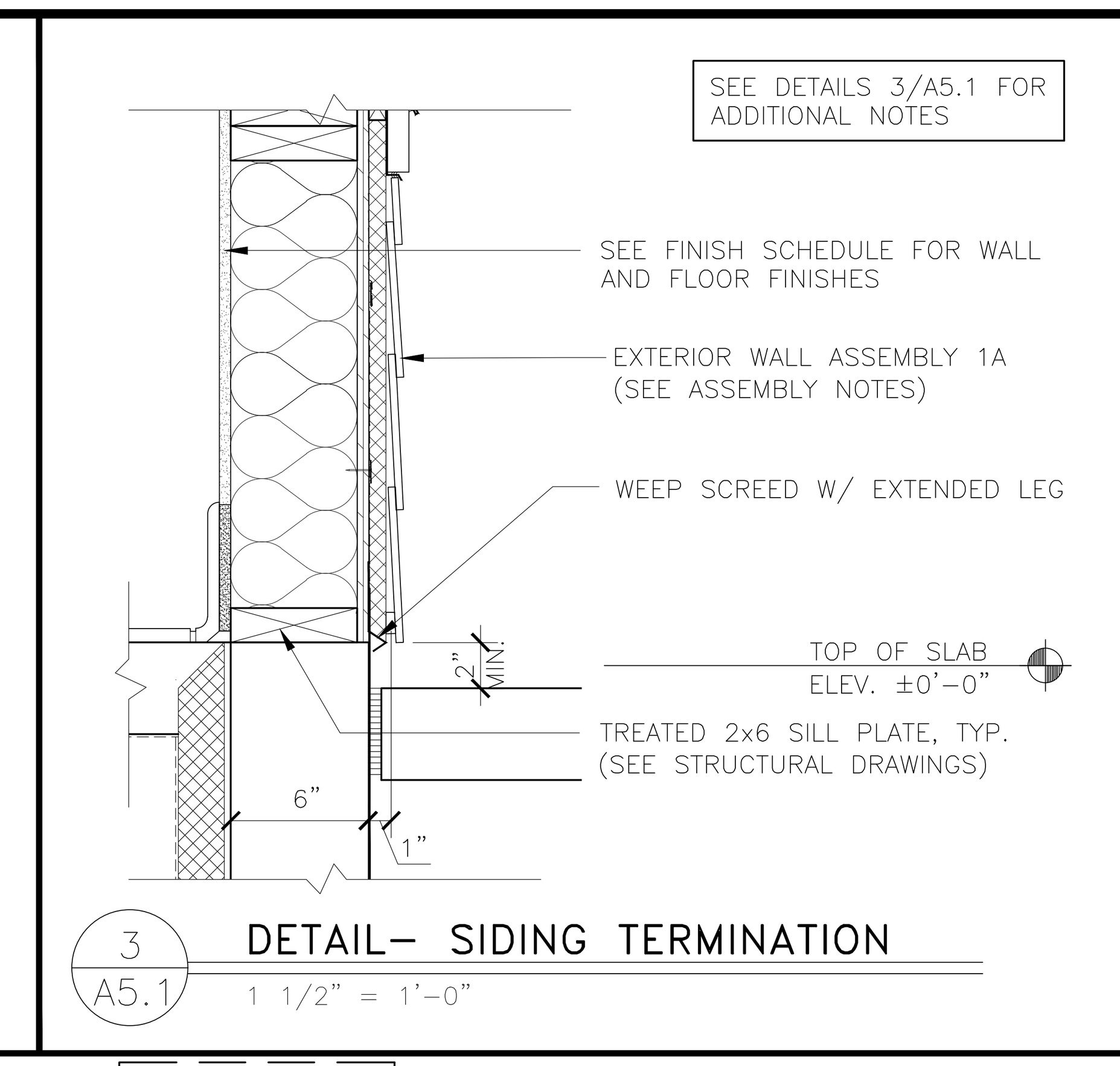
MCD24092.0 - PUYALLUP, WA



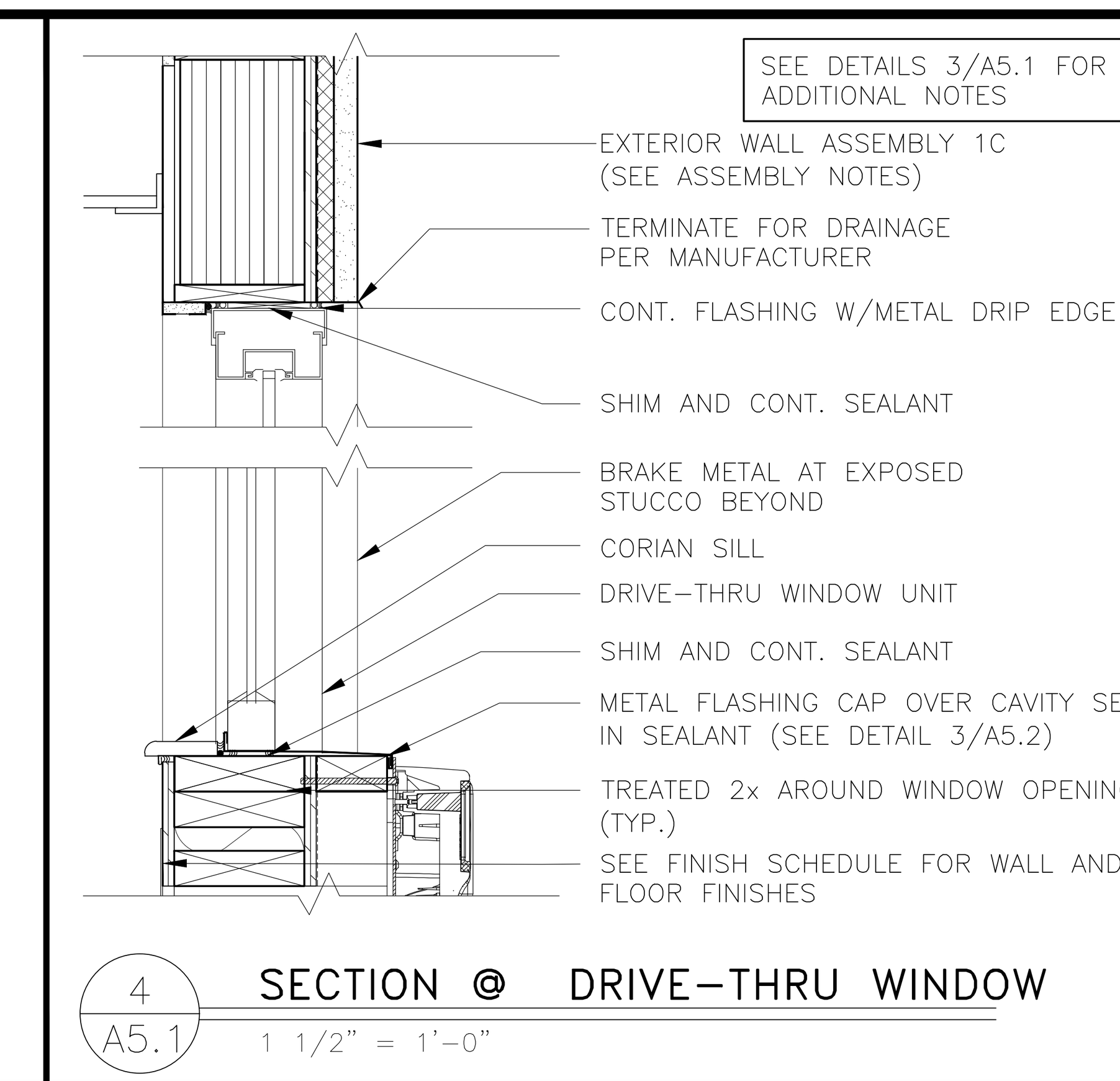
1 A5.1 DETAIL– STUCCO TERMINATION
1 1/2" = 1'-0"



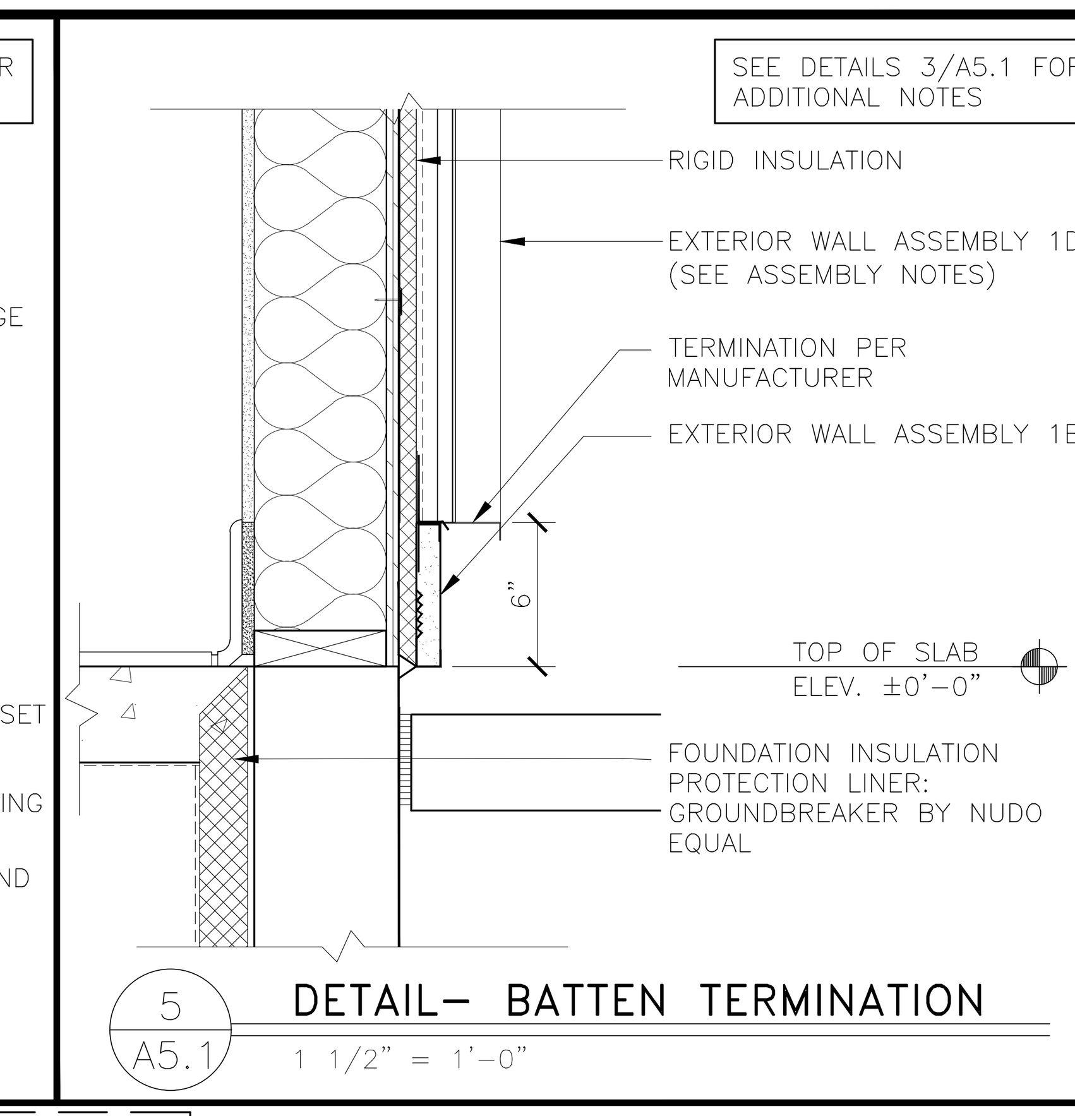
2 A5.1 DETAIL– DRIVE THRU CANOPY SYSTEM
1 1/2" = 1'-0"



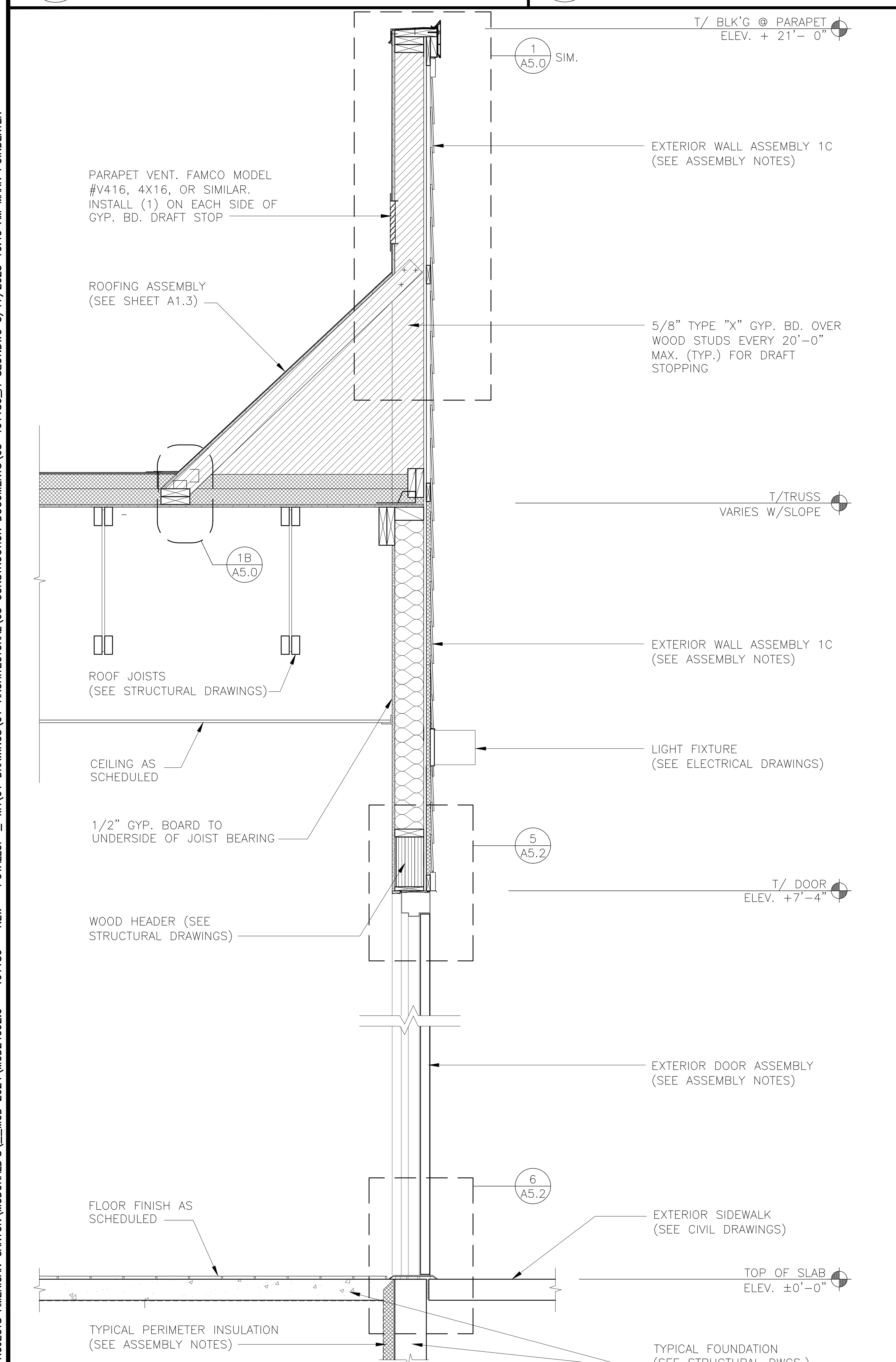
3 A5.1 DETAIL– SIDING TERMINATION
1 1/2" = 1'-0"



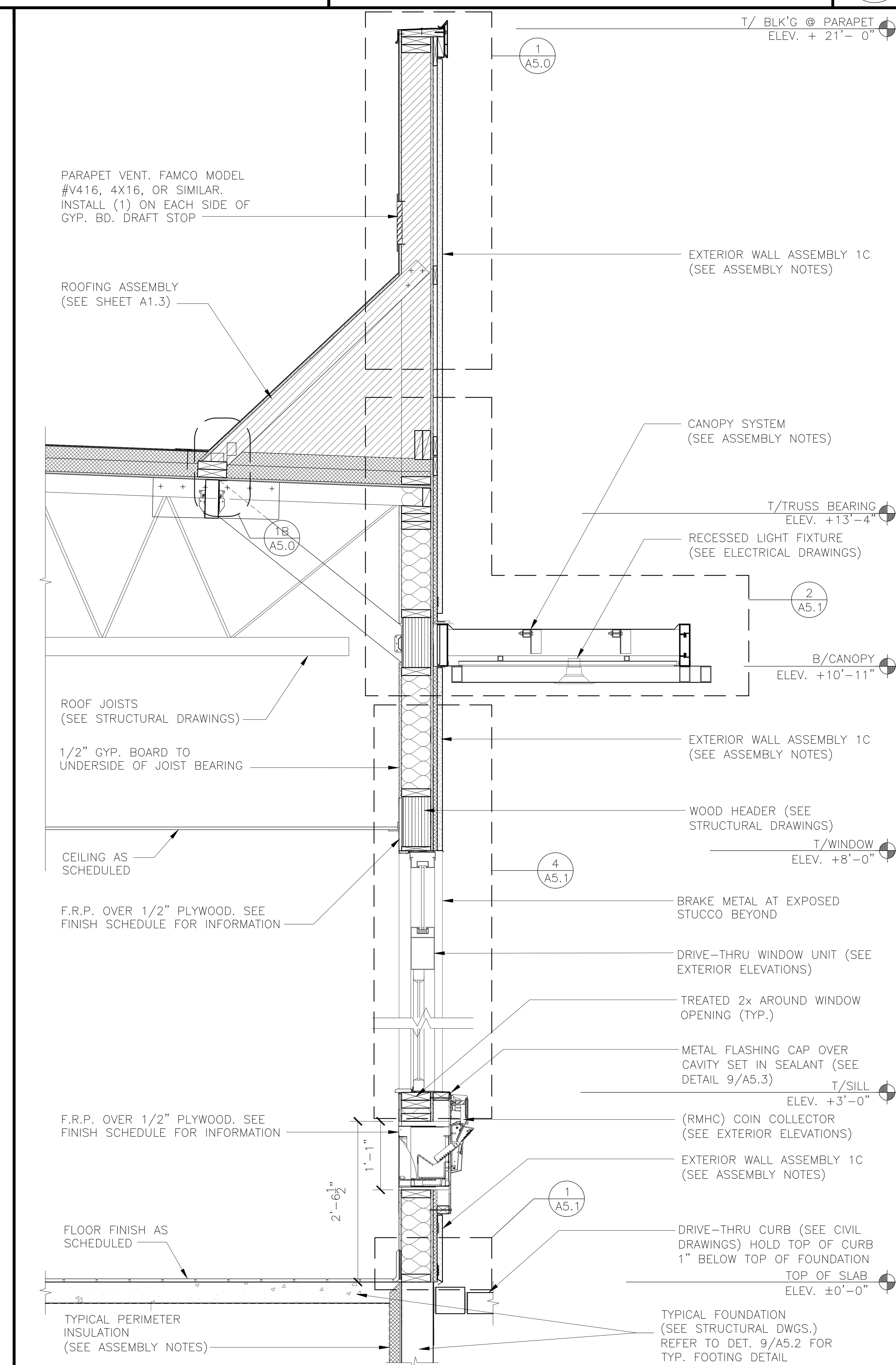
4 A5.1 SECTION @ DRIVE-THRU WINDOW
1 1/2" = 1'-0"



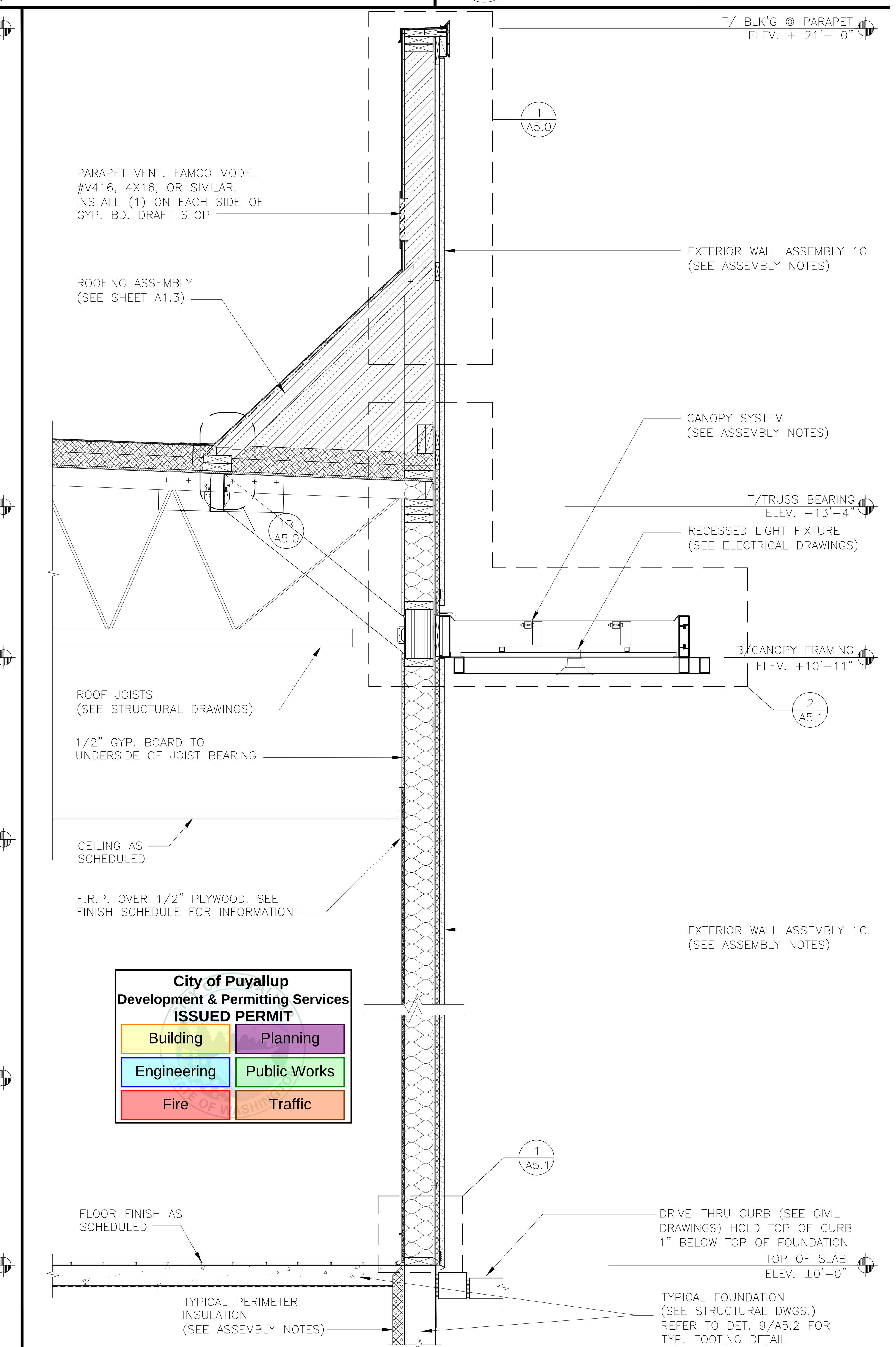
5 A5.1 DETAIL– BATTEN TERMINATION
1 1/2" = 1'-0"



6 A5.1 WALL SECTION – EXIT BACK ROOM
3/4" = 1'-0"



7 A5.1 WALL SECTION – ORDER WINDOW
3/4" = 1'-0"



8 A5.1 WALL SECTION – PRESENTER WINDOW
3/4" = 1'-0"

City of Puyallup
Development & Permitting Services
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Building	Planning
Engineering	Public Works
Fire	Traffic

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
1	03/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:
PM DESIGN Architectural Solutions Group
211 GATEWAY RD. W. SUITE. #208 NAPA, CA 94558
HALA IBRAHIM
PHONE: (707) 655-4733
EMAIL: HIBRAHIM@PMDGINC.COM
KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664 REGISTERED ARCHITECT
KENNETH MCCRACKEN STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25
Seal 01366

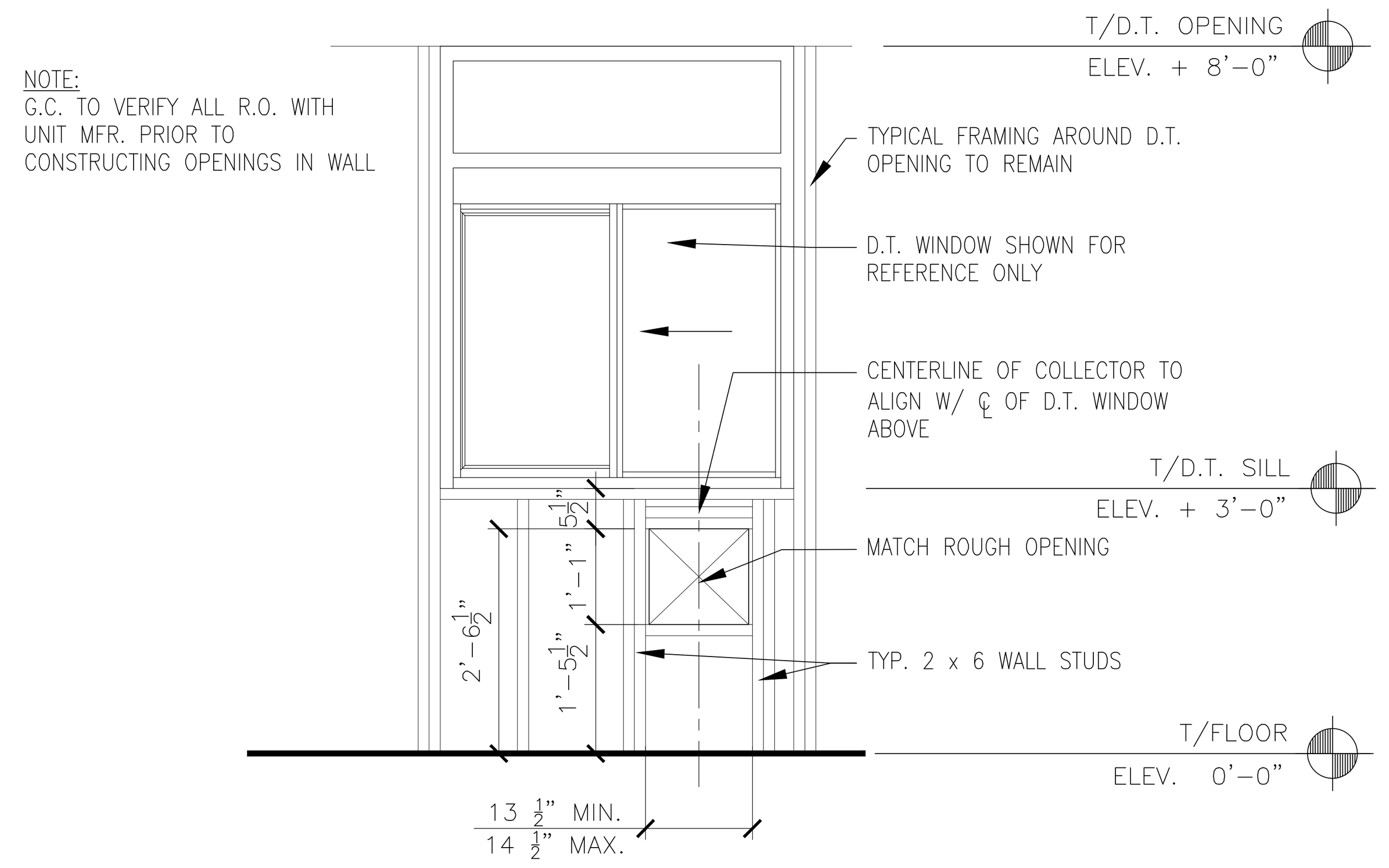
PREPARED FOR: McDonald's USA, LLC

DRAWN BY
STD ISSUE DATE 12/10/24
REVIEWED BY HII
DATE ISSUED 03/20/25

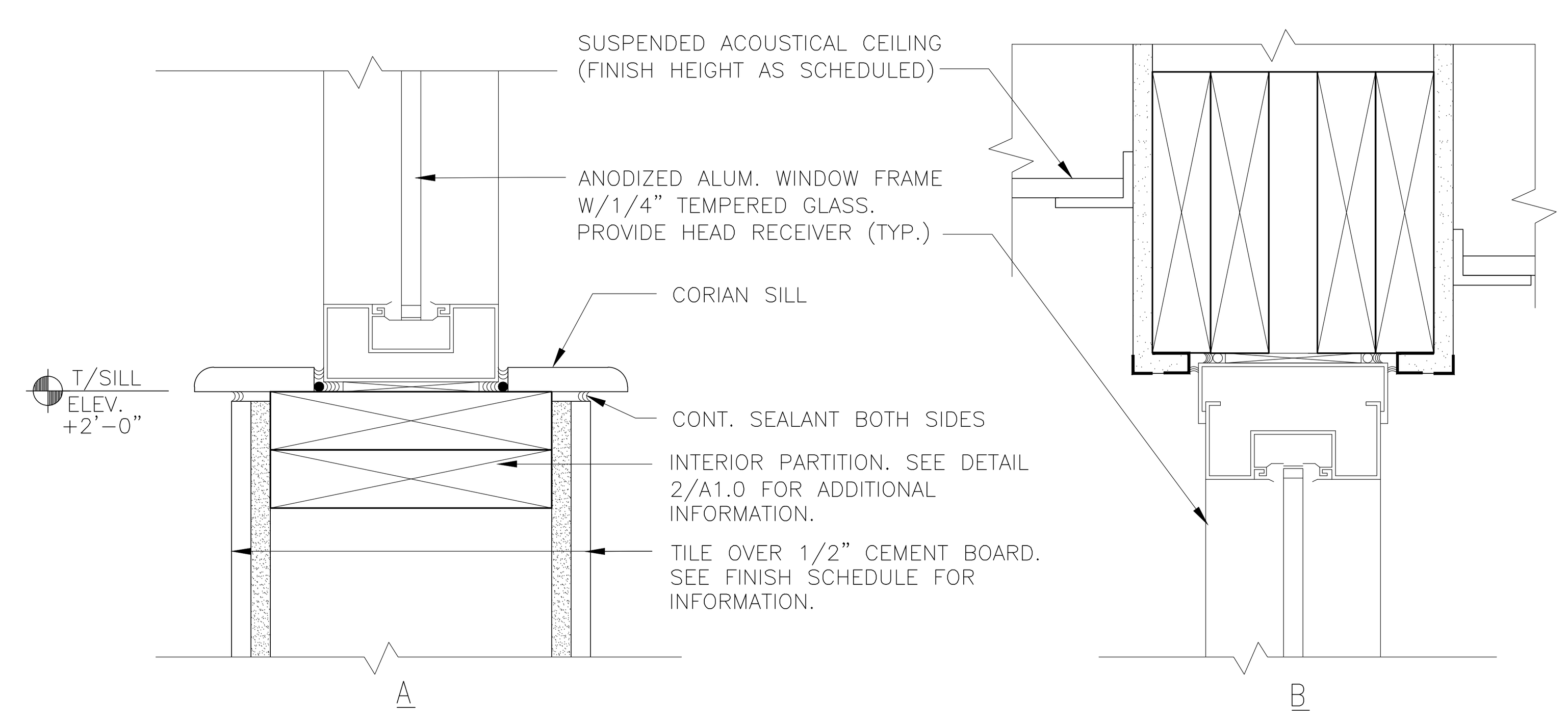
TITLE 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION 2024 STANDARD BUILDING – WOOD BEARING WALLS WOOD ROOF TRUSS FRAMING STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID 046-1180
SITE ADDRESS 2902 E Pioneer, Puyallup, WA 98372

MCD24092.0 – PUYALLUP, WA

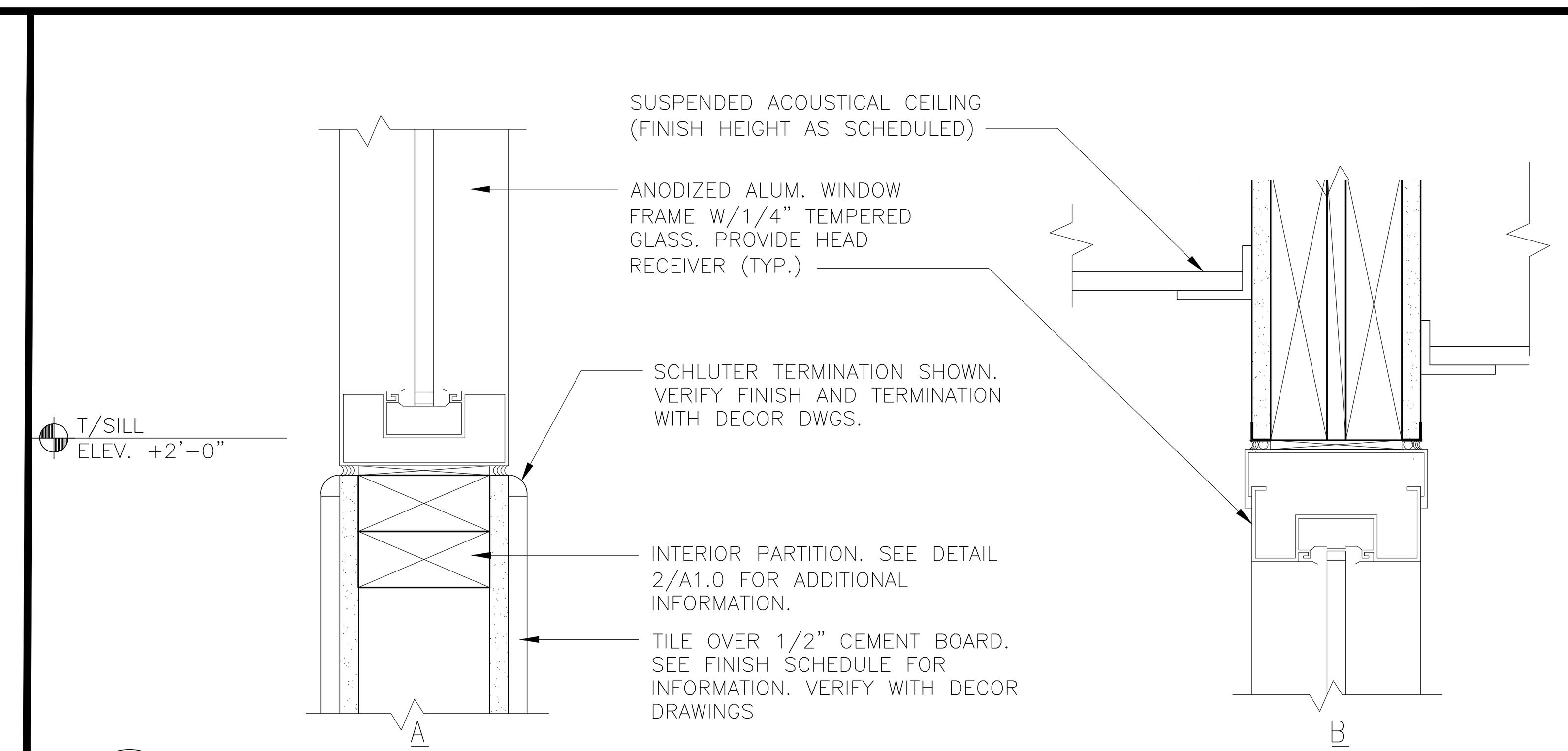
046-1180.00.0
SHEET NO. A5.1
WALL SECTIONS



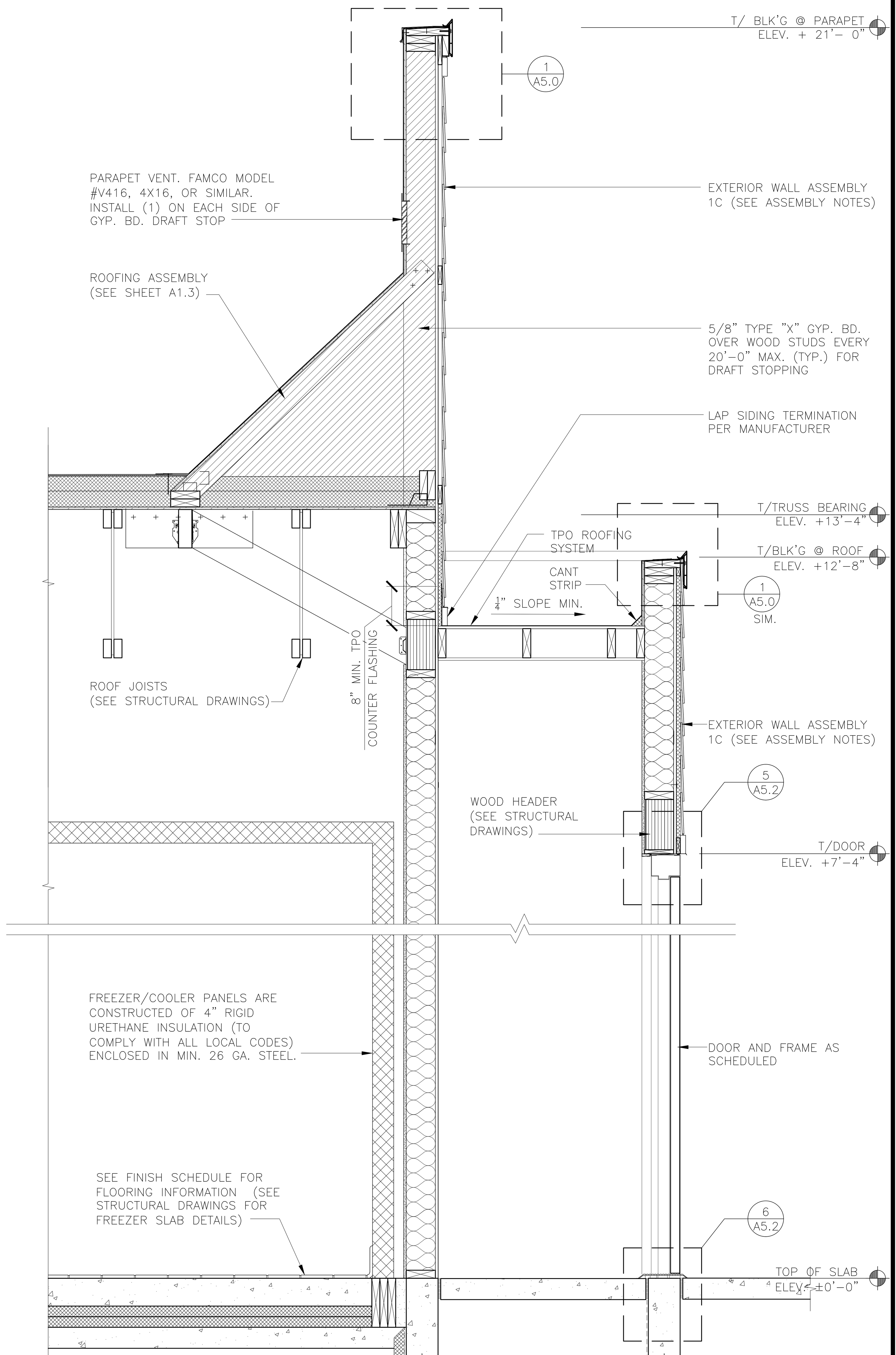
1 A5.2 (RMHC) COIN COLLECTOR @ FRAMED WALL
1/2" = 1'-0" INTERIOR ELEVATON



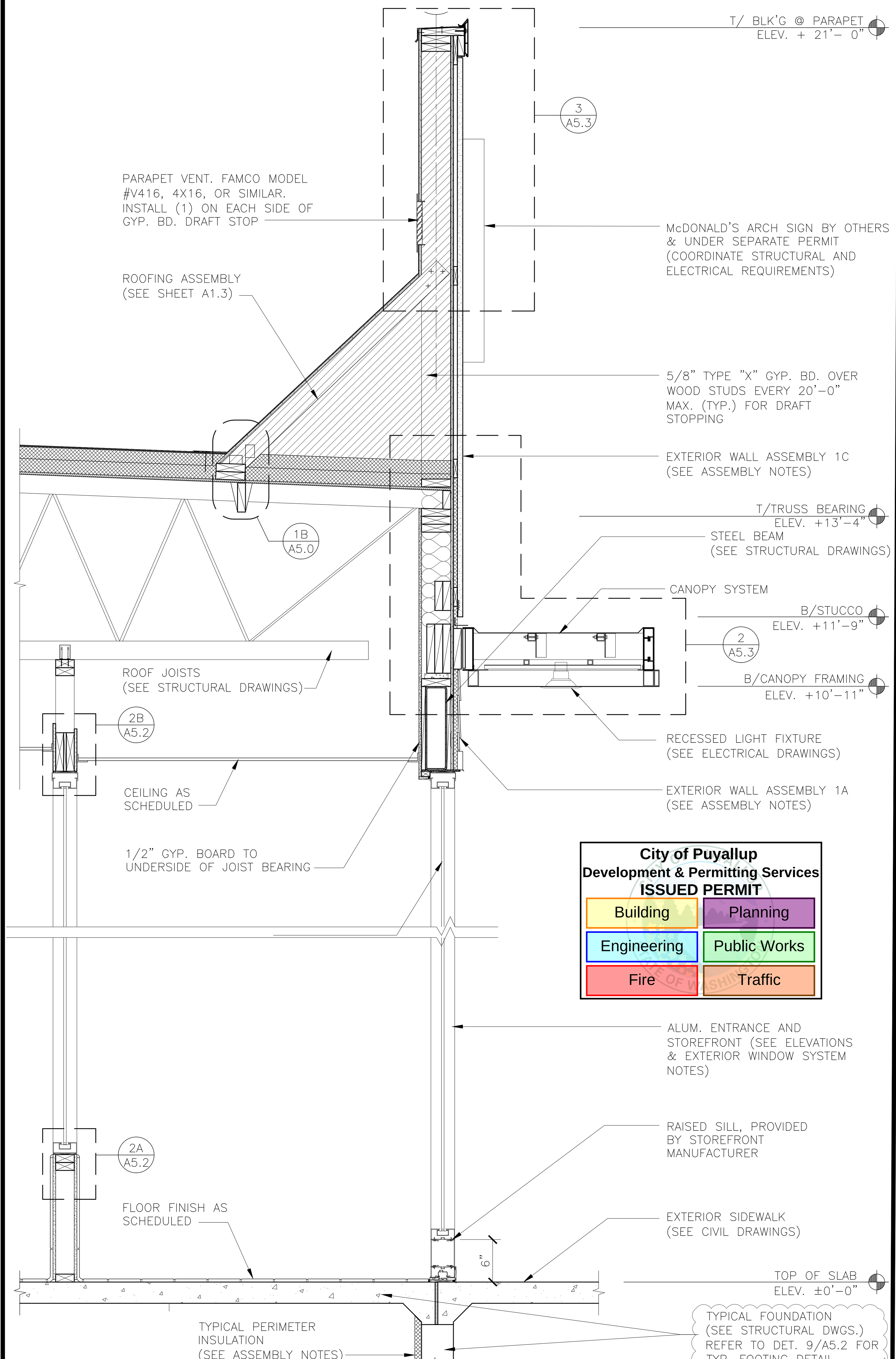
9 A5.2 HEAD & SILL INTERIOR VESTIBULE WALL
3" = 1'-0"



2 A5.2 HEAD & SILL INTERIOR VESTIBULE WALL
3" = 1'-0"



11 A5.2 WALL SECTION – FIRE RISER ROOM
3/4" = 1'-0"



City of Puyallup
Development & Permitting Services
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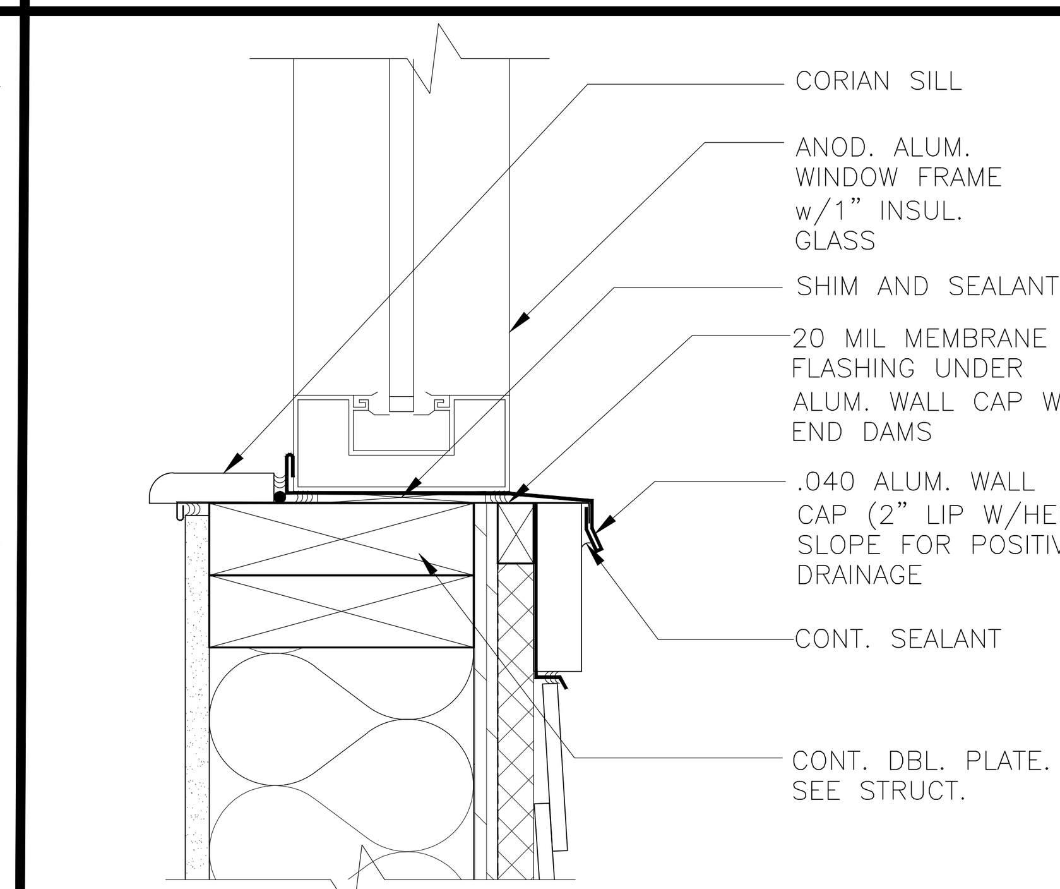
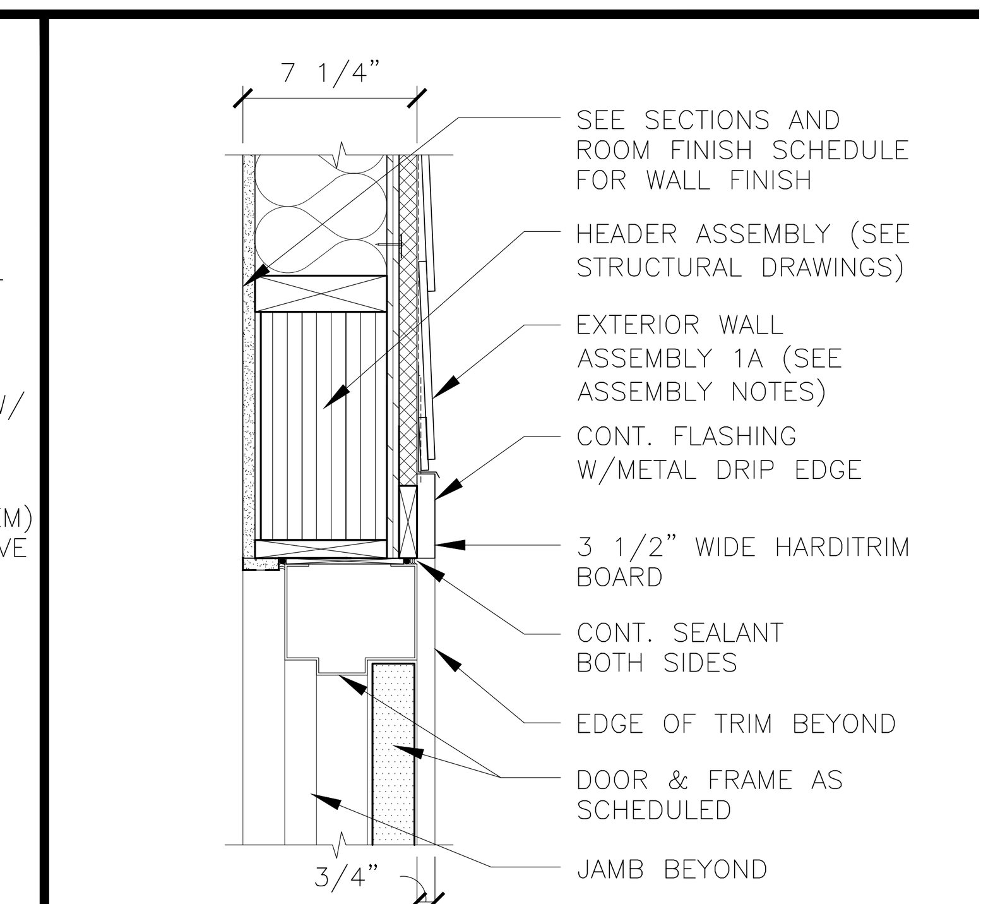
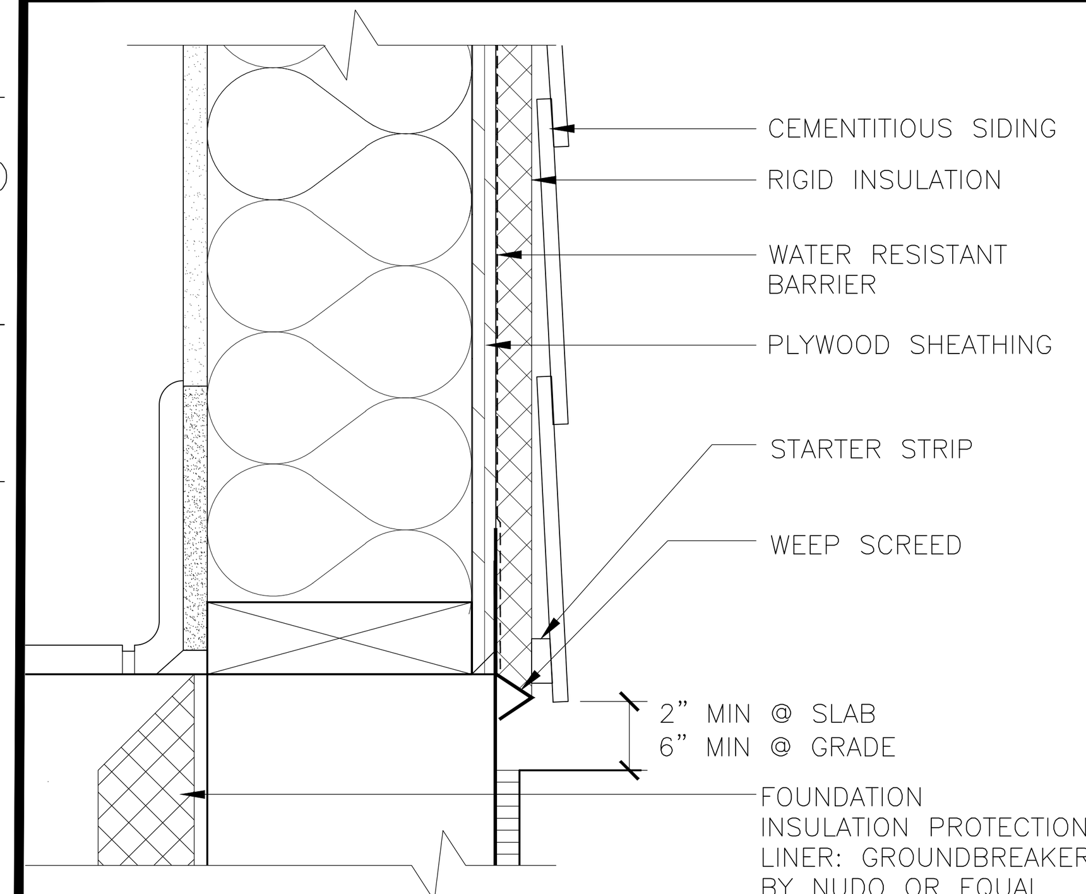
7 A5.2 WALL SECTION – VESTIBULE/ENTRY
3/4" = 1'-0"



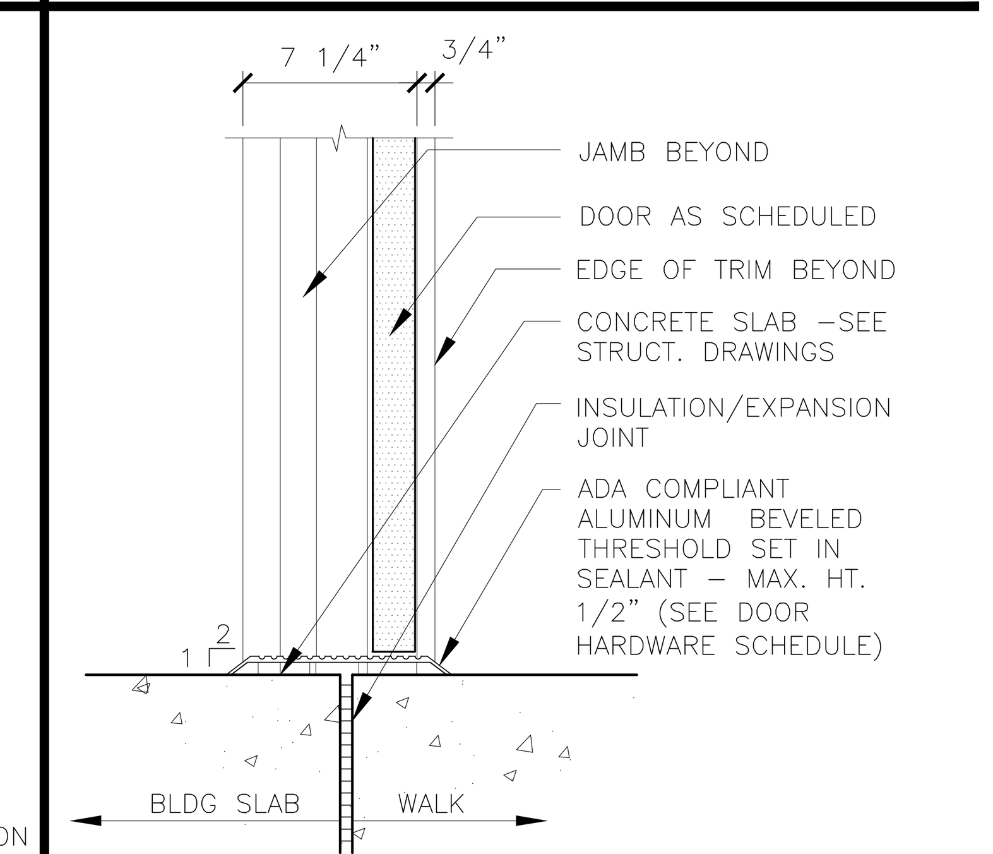
3 A5.2 WINDOW SILL FLASHING
3" = 1'-0"



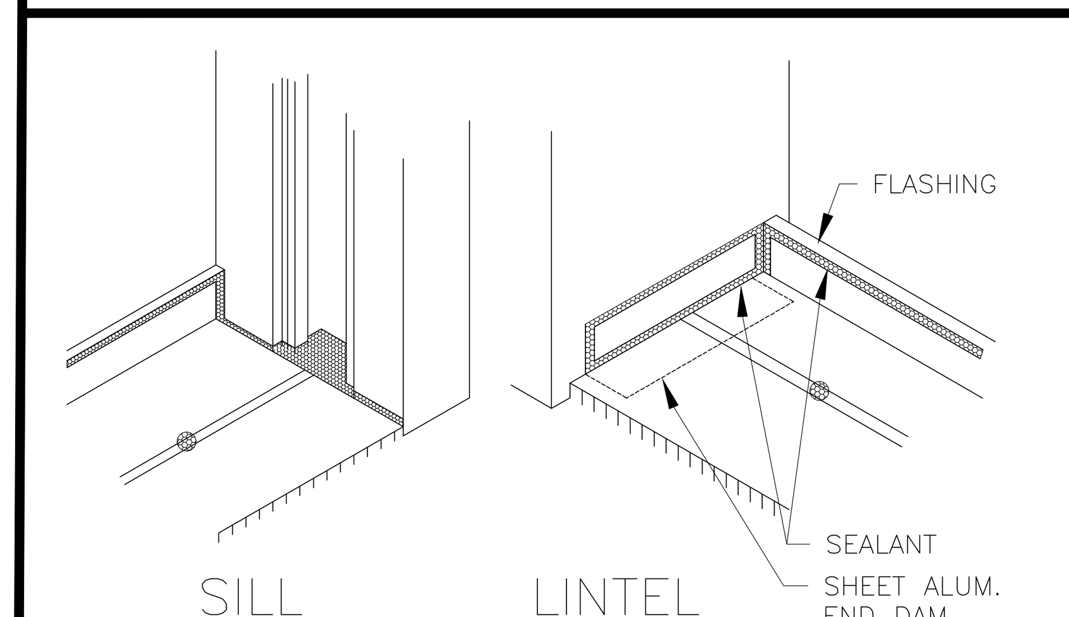
5 A5.2 SECTION @ DOOR HEAD
1 1/2" = 1'-0"



4 A5.2 FLASHING DETAIL @ FOUNDATION
3" = 1'-0"



6 A5.2 SECTION @ DOOR SILL
1 1/2" = 1'-0"



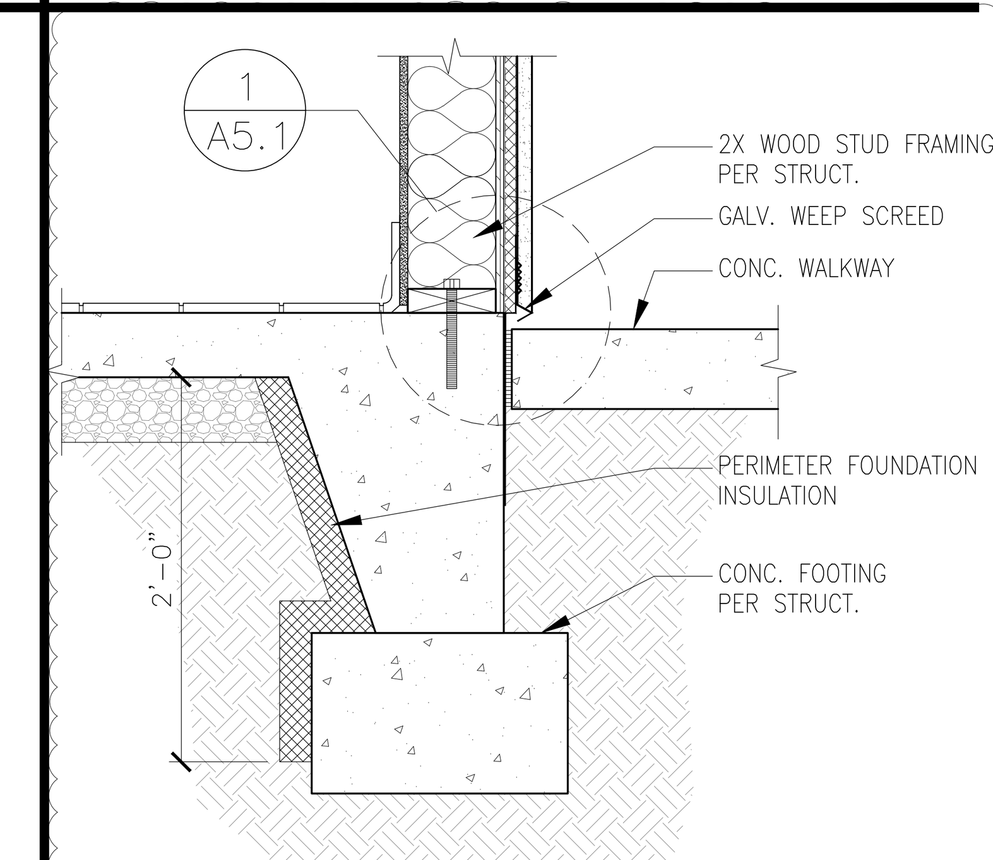
NOTE: SEAL GLASS POCKET OF WINDOW JAMB AT SILL.

NOTE: SEALANT ON BACK LEG OF FLASHING TO BE APPLIED PRIOR TO INSTALLATION OF FRAME.

NOTE: SEAL OVER HEADS OF ALL PERIMETER OPENINGS.

NOTE: INSTALL SIDING PER MANUF. SPECS AND ESR 2290

8 A5.2 FLASHING DETAIL @ JAMB
N.T.S.



9 A5.2 CONC. FOOTING DETAIL
1"=1'-0"

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Architectural Solutions Group
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KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664 REGISTERED ARCHITECT
KENNETH McCRACKEN
STATE OF WASHINGTON
SIGNATURE DATE:
03/20/25
Seal 01366

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY: --
STD ISSUE DATE: 12/10/24
REVIEWED BY: HII
DATE ISSUED: 03/20/25

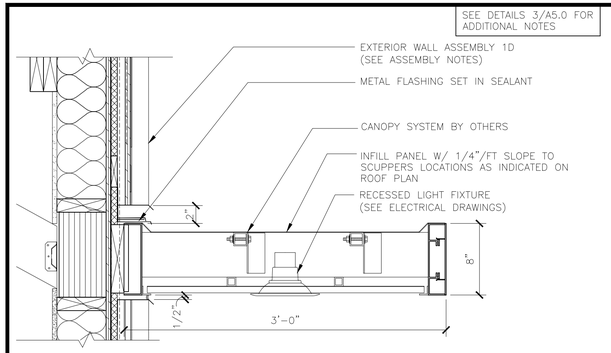
TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS, WOOD ROOF TRUSS FRAMING, STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID: 046-1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

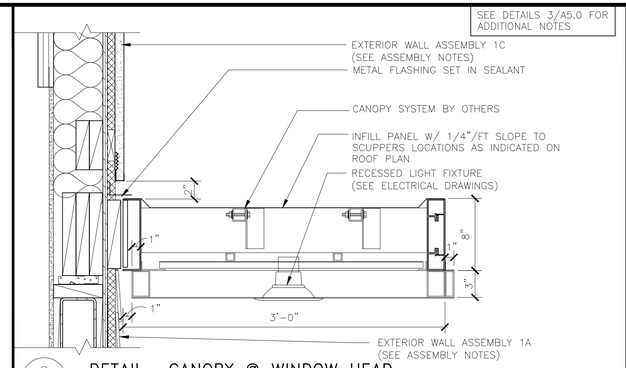
MCD24092.0 – PUYALLUP, WA

SHEET NO. 046-1180.00.0
A5.2
WALL SECTIONS



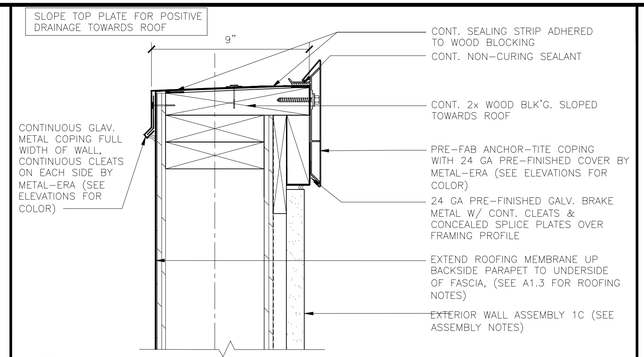
1 A5.3 DETAIL– CANOPY @ BATTENS

1 1/2" = 1'-0"



2 A5.3 DETAIL– CANOPY @ WINDOW HEAD

1 1/2" = 1'-0"



3 A5.3 DETAIL– FASCIA @ STUCCO PARAPET

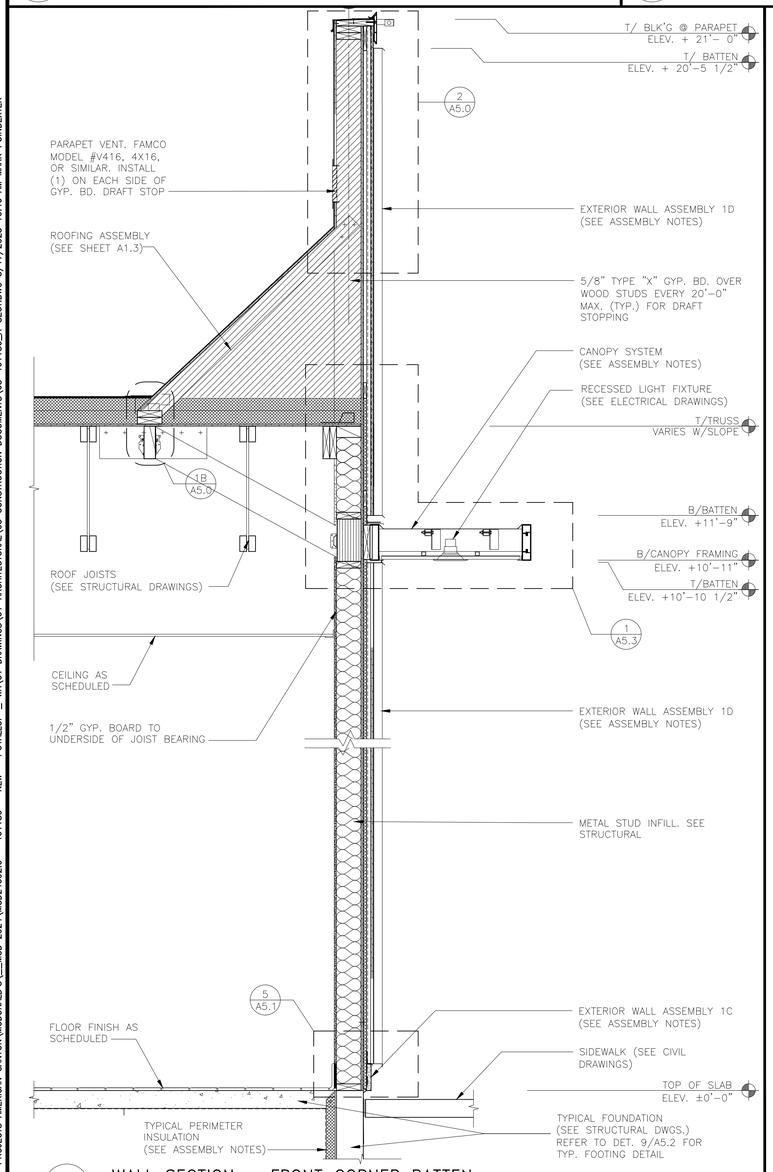
3" = 1'-0"

4 A5.3 NOT USED

–

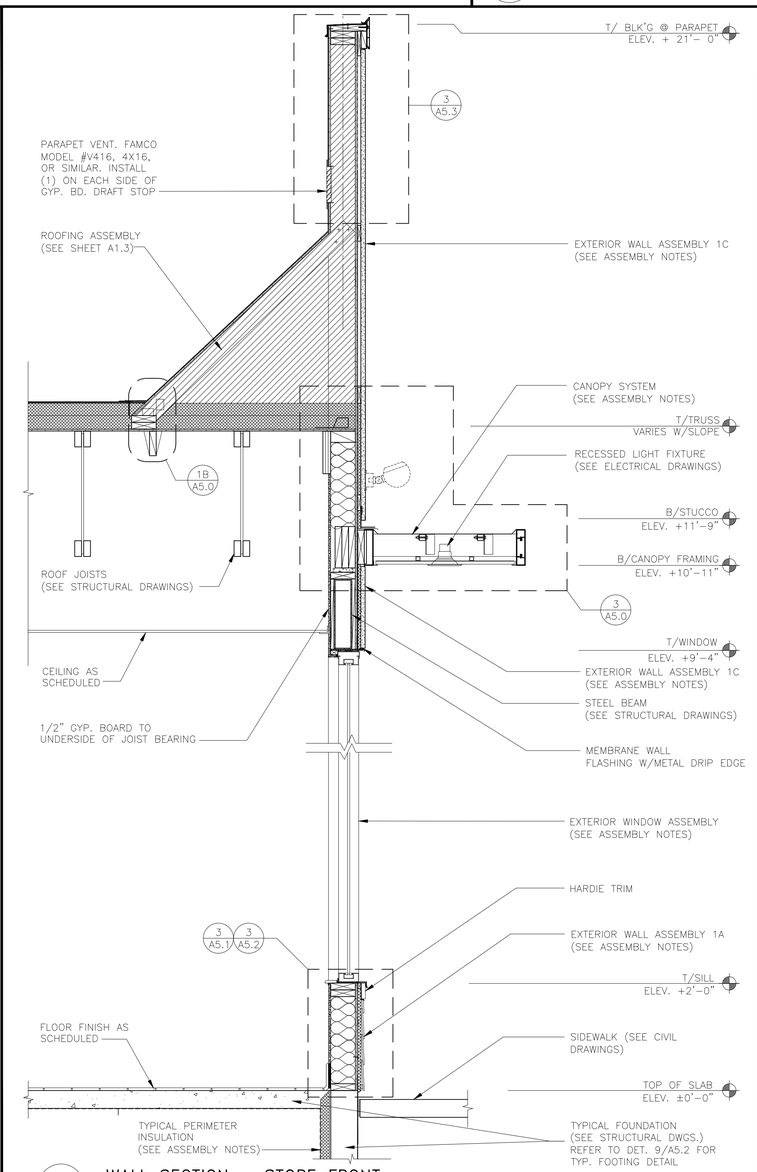
City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic



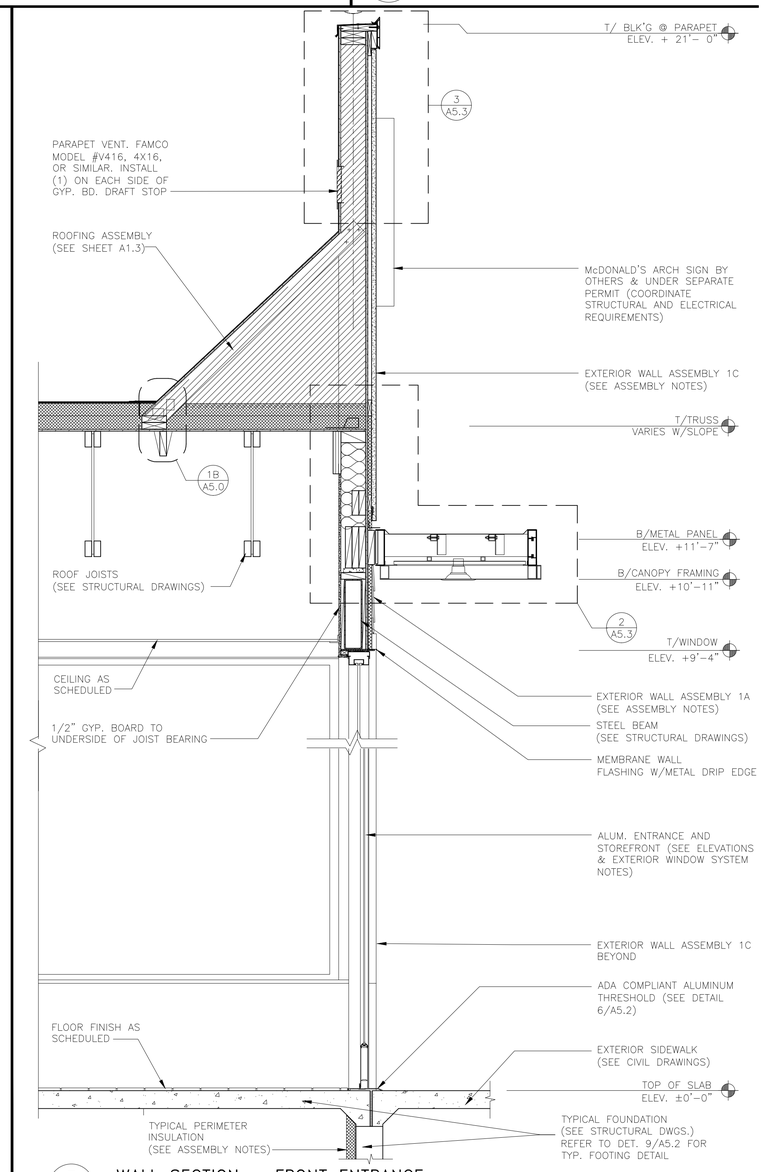
5 A5.3 WALL SECTION – FRONT CORNER BATTEN

3/4" = 1'-0"



6 A5.3 WALL SECTION – STORE FRONT

3/4" = 1'-0"



7 A5.3 WALL SECTION – FRONT ENTRANCE

3/4" = 1'-0"

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PREPARED FOR: **McDonald's USA, LLC**

DRAWN BY	STD ISSUE DATE
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REVIEWED BY	DATE ISSUED
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TITLE
2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

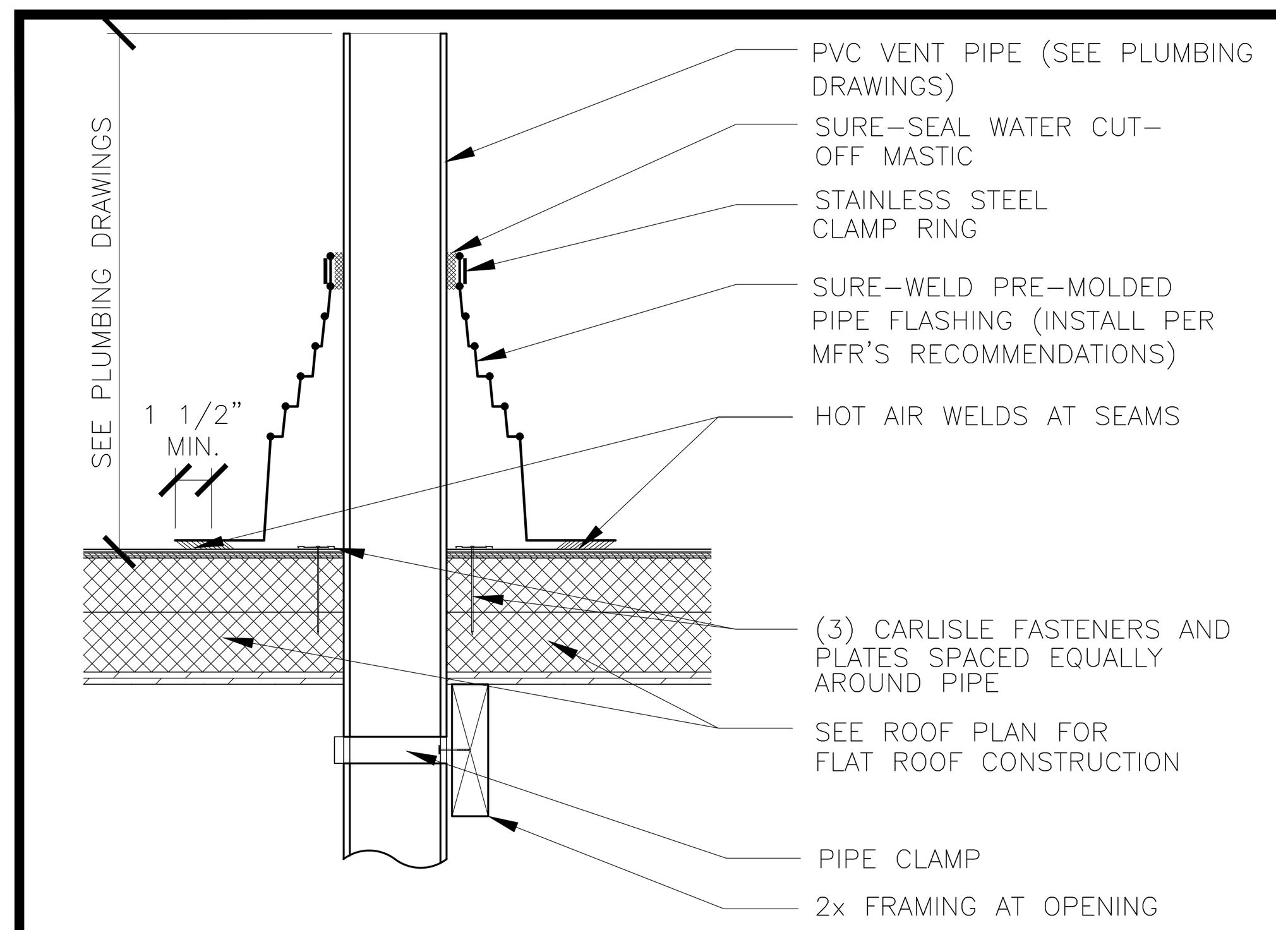
DESCRIPTION
2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID 046–1180 | SITE ADDRESS 2302 E Pioneer, Puyallup, WA 98372

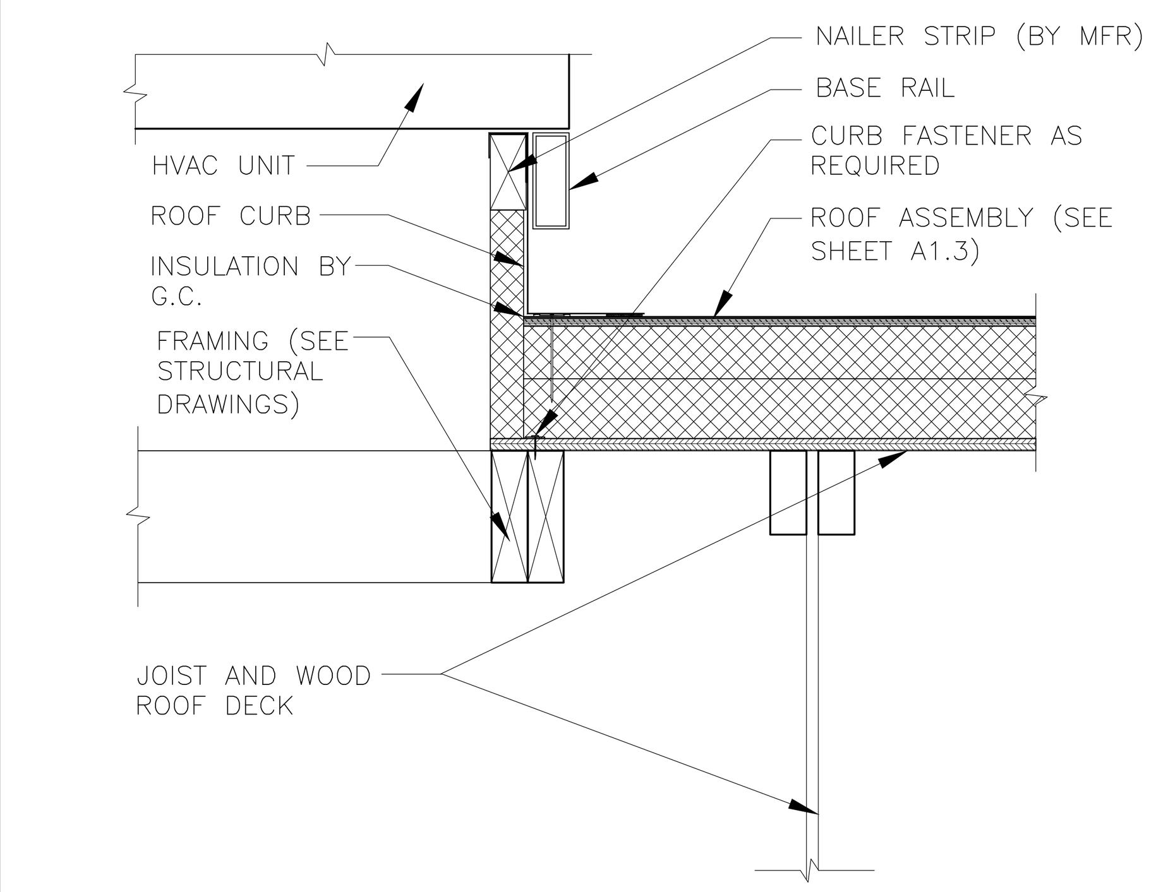
SHEET NO. 046–1180.00.0
A5.3
WALL SECTIONS

MCD24092.0 – PUYALLUP, WA

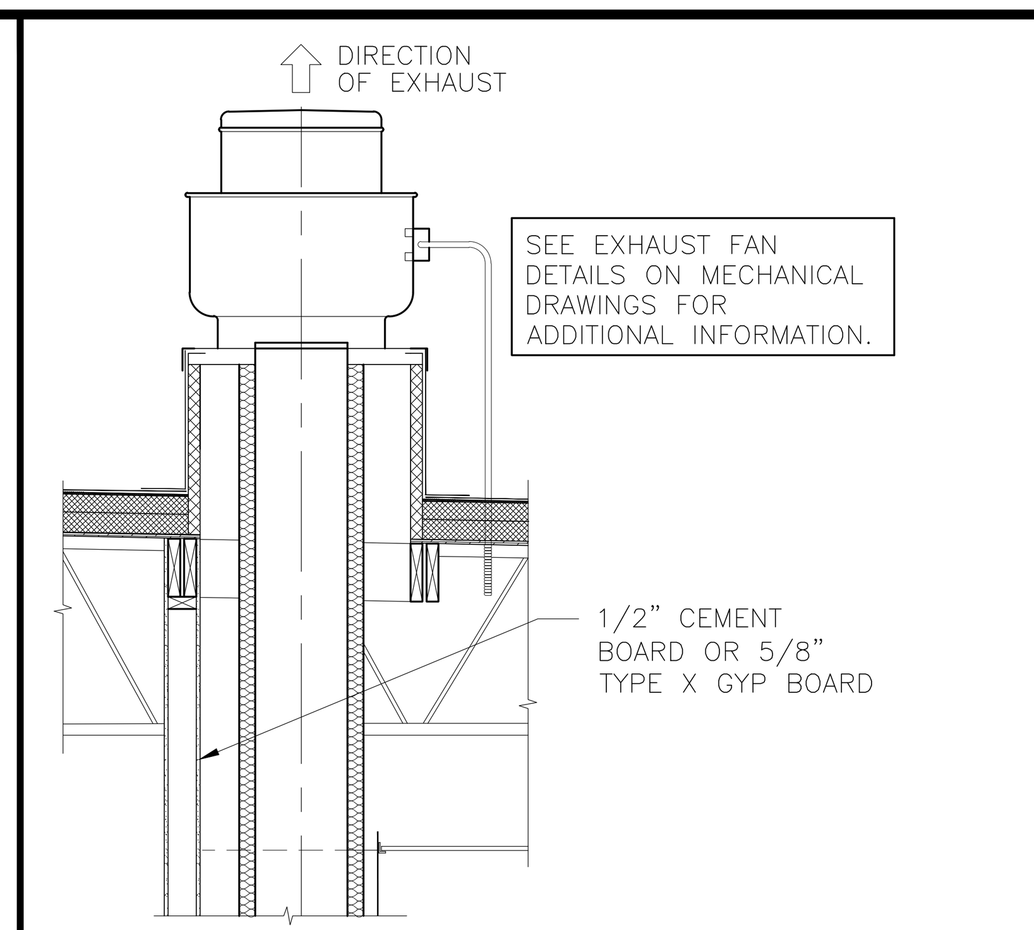
P:\ACV\01–PROJECTS\AMERICAN CANYON\MCDONALD'S__MCD 2024\MCD24092.0 – 461180 – NEW – PUYALLUP _ WA\01 DRAWINGS\01–ARCHITECTURAL\03 CONSTRUCTION DOCUMENTS\05–461180_A–SECT.DWG 3/17/2025 10:46 AM MARK POINDEXTER



2 A6.0 TYPICAL VENT PENETRATION
1 1/2"=1'-0"

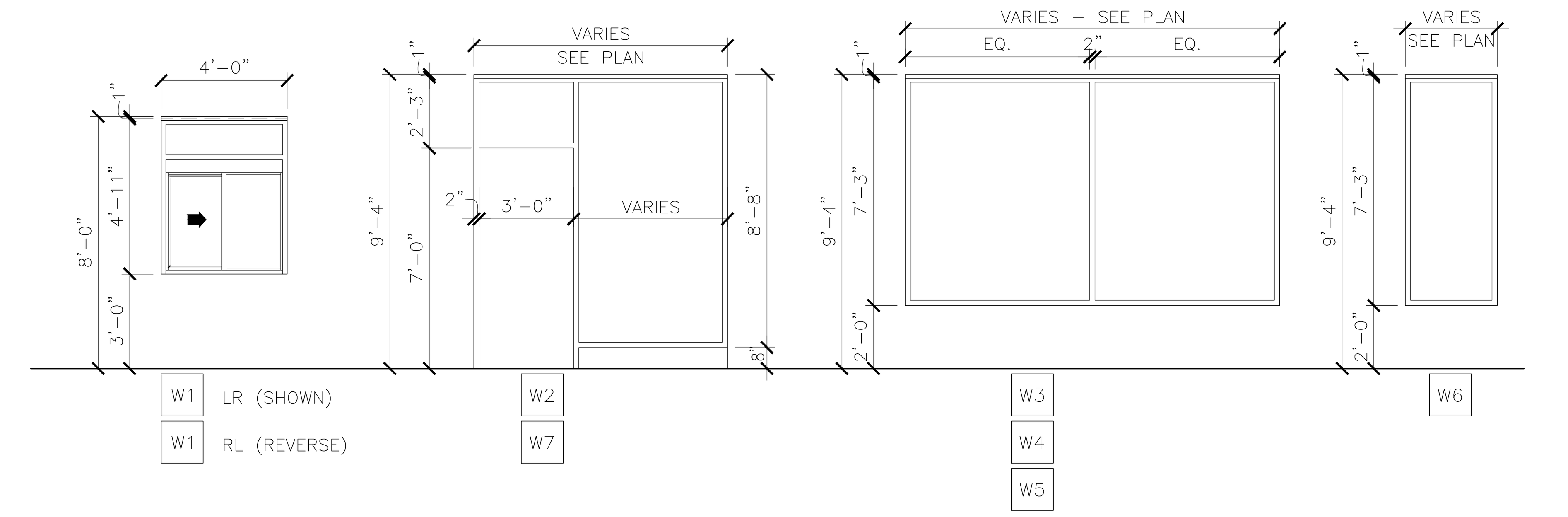


3 A6.0 HVAC UNIT ROOF CURB DETAIL
1 1/2"=1'-0"



5 A6.0 DETAIL @ EXHAUST FAN
1 1/2"=1'-0"

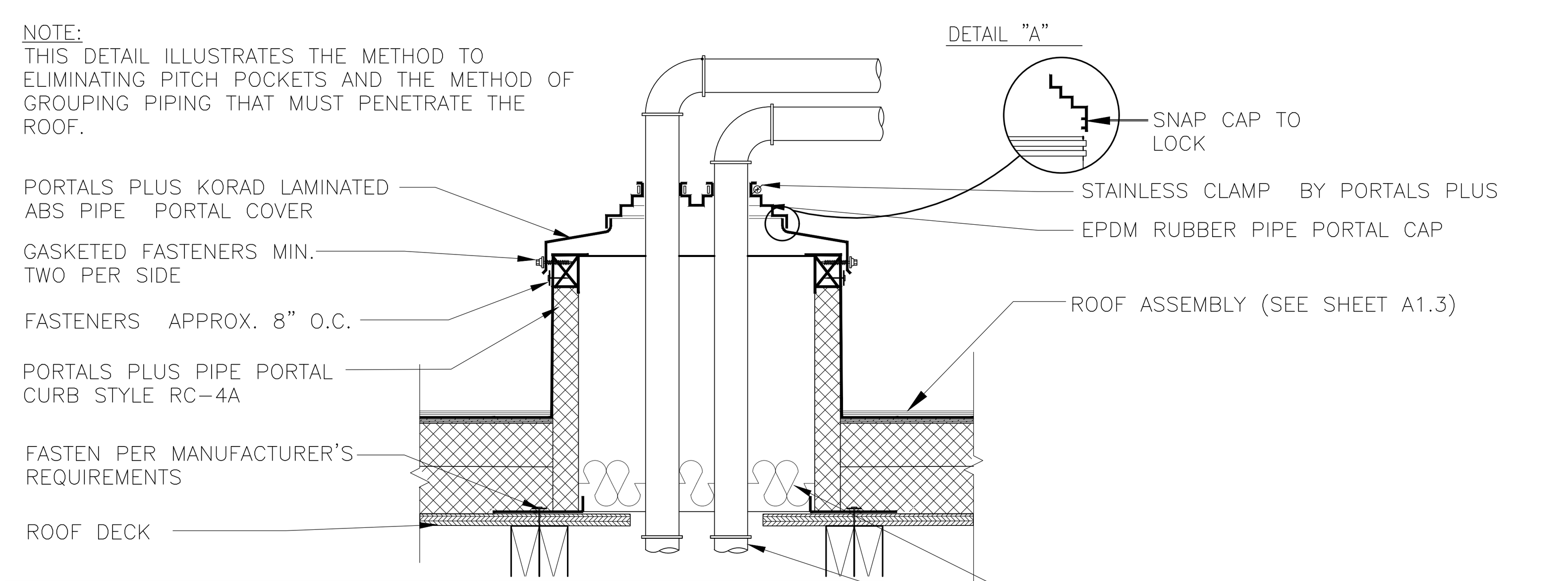
FRAME TYPES



INTERIOR WINDOW ASSEMBLY
(STOREFRONT & ENTRANCE SYSTEM)
1. DARK BRONZE ALUMINUM FRAME, THERMALLY BROKEN WITH HEAD RECEIVER CHANNEL.
2. 1/4" CLEAR TEMPERED GLAZING
3. 1/2" CORIAN SILL EACH SIDE

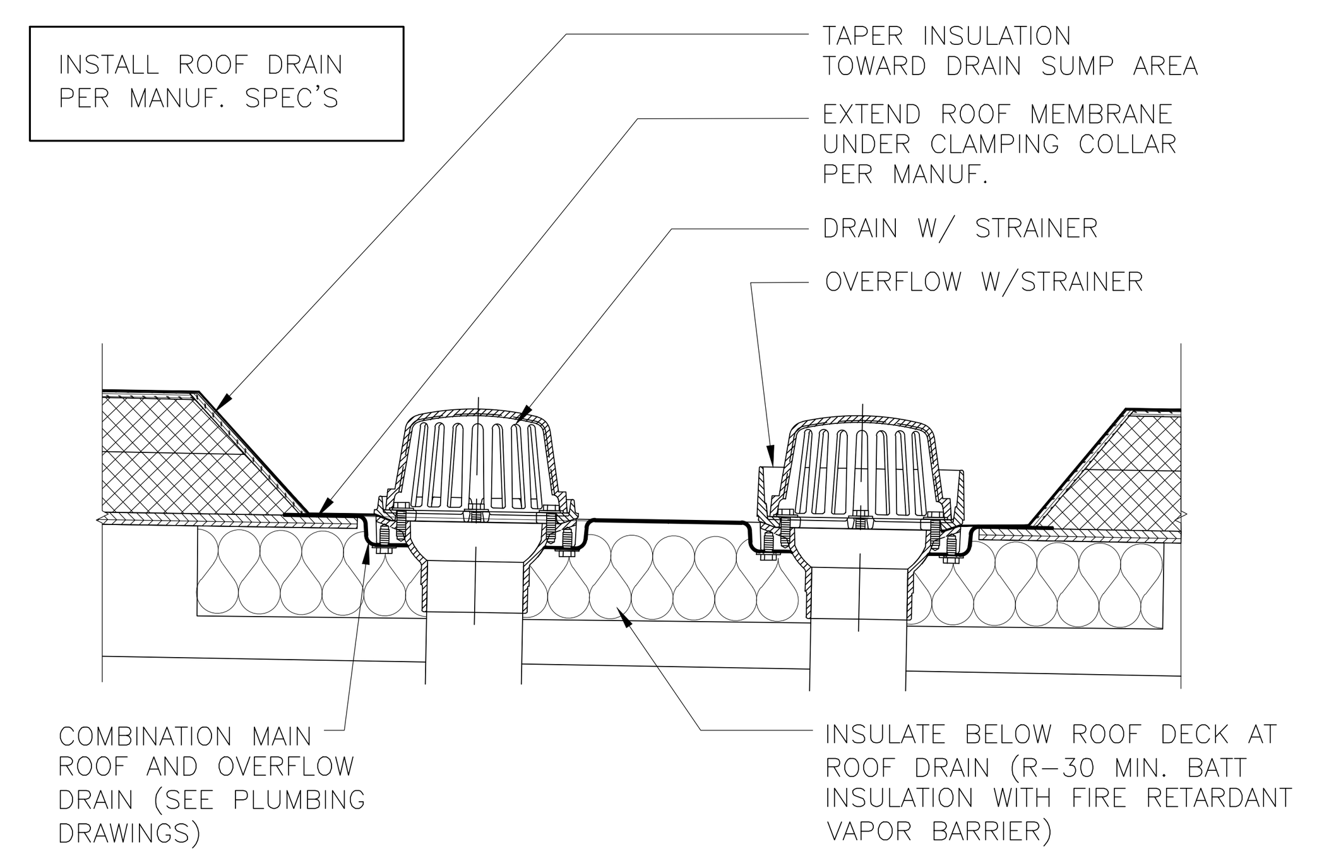
EXTERIOR WINDOW ASSEMBLY
(STOREFRONT & ENTRANCE SYSTEM)
FOR GLAZING & FRAME REQUIREMENTS: SEE EXTERIOR WINDOW ASSEMBLY, 4/A5.0

NOTE:
THIS DETAIL ILLUSTRATES THE METHOD TO ELIMINATING PITCH POCKETS AND THE METHOD OF GROUPING PIPING THAT MUST PENETRATE THE ROOF.

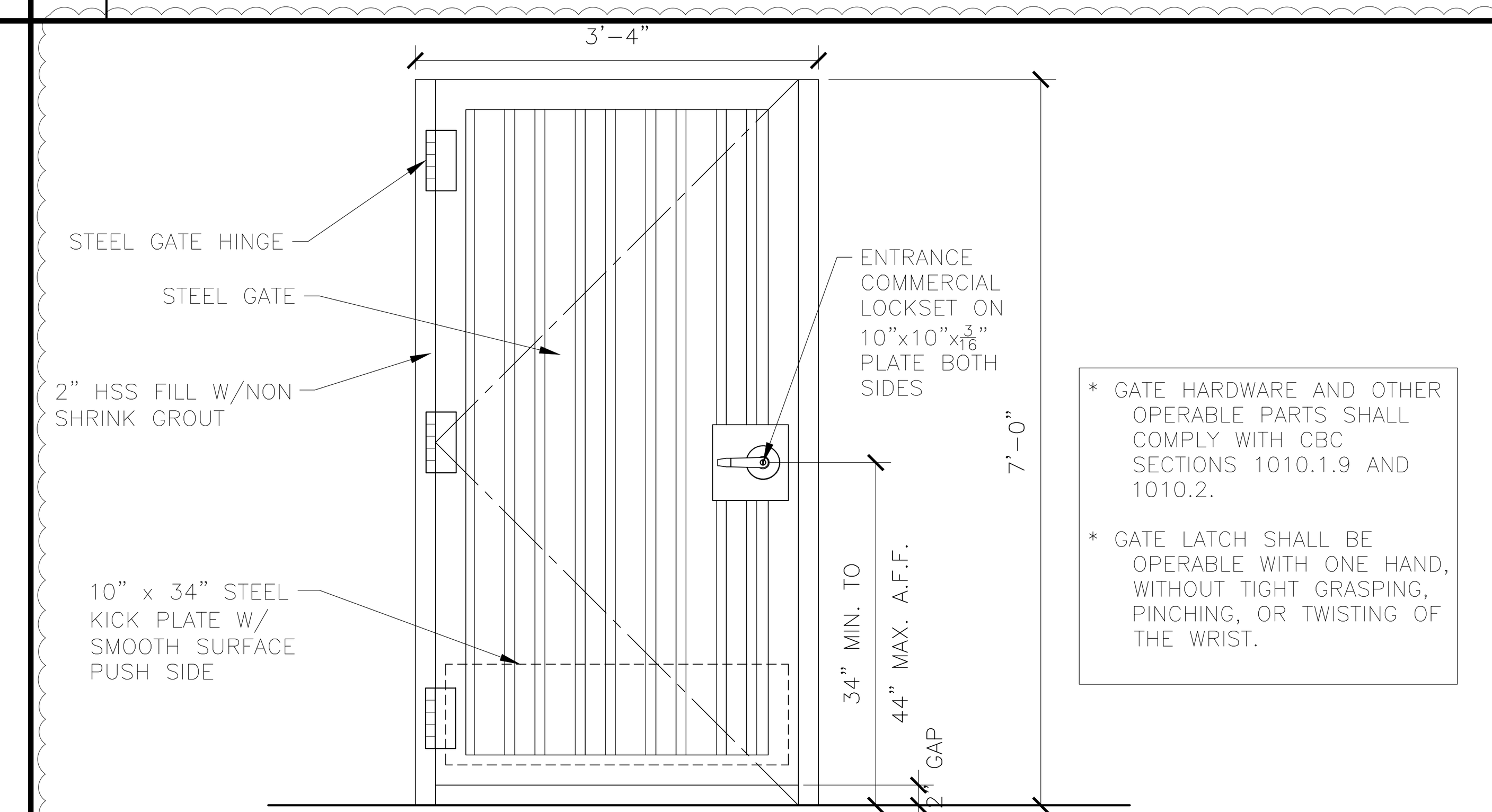


PORTALS PLUS IS A SUPPLIER OF PREFABRICATED ROOF ACCESSORIES AND DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN, ENGINEERING OR INSTALLATION. THE ROOFING SYSTEM MANUFACTURER'S INSTALLATION REQUIREMENTS MAY SUPERSEDE THESE DETAILS FOR WARRANTED ROOF SYSTEMS. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION

6 A6.0 PIPE PORTAL DETAIL
1 1/2"=1'-0"



7 A6.0 SECTION @ ROOF DRAIN
1 1/2"=1'-0"



* GATE HARDWARE AND OTHER OPERABLE PARTS SHALL COMPLY WITH CBC SECTIONS 1010.1.9 AND 1010.2.

* GATE LATCH SHALL BE OPERABLE WITH ONE HAND, WITHOUT TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST.

8 A6.0 METAL GATE AT TRASH ENCLOSURE
3/4"=1'-0"

DOOR HARDWARE

GENERAL NOTES:
1. ALL EXIT DOORS SHALL BE KEYLESS IN THE DIRECTION OF EGRESS.
2. THE OPENING FORCE OF ALL EXT. PUSH/PULL DOORS SHALL NOT EXCEED 8 1/2 LBS.
3. THE OPENING FORCE OF ALL INTERIOR PUSH/PULL DOORS SHALL NOT EXCEED 5 LBS.
4. PROVIDE PANIC HARDWARE FOR ALL EXTERIOR DOORS AS NOTED ON THE DOOR SCHEDULE.
5. ALL DOOR HARDWARE SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE.

DOOR #1 – ENTRY DOOR/EMERGENCY EXIT
1. 1 EA CLOSER LCN 4021 x 18
2. 3 EA HINGES OFFSET PIVOT ANSI -A-156.4 GRADE 1; PROVIDE EXPOSED PARTS OF CAST ALUMINUM ALLOY, AS SUPPLIED BY DOOR MANUFACTURER.
3. 1 EA PULL HANDLE ROCKWOOD MFG. MODEL: RM3311. SIZE: 1-1/4" DIA. CTC: 5'-10". FINISH: TO MATCH STOREFRONT DOOR. OFFSET MOUNTING: TYPE 1XHD – THRU BOLT HEAVY DUTY
4. 1 EA PANIC HARDWARE ADAMS RITE MFG. CO. 8800 SERIES WITH OUTSIDE CYLINDER (FINISH TO MATCH STOREFRONT DOOR)
5. 1 EA THRESHOLD NATIONAL GUARD PRODUCTS, INC. SADDLE TYPE THRESHOLD 325, 36" WIDE x 1/2" RISE (ADA ACCESSIBLE).
6. 1 EA WEATHER STRIPPING: PROVIDE COMPRESSION WEATHER STRIPPING AGAINST FIXED STOPS. AT OTHER EDGES PROVIDE SLIDING WEATHER STRIPPING RETAINED IN ADJUSTABLE STRIP MORTISED INTO DOOR EDGE. PROVIDE EPDM OR VINYL GASKET WEATHER STRIPPING IN BOTTOM DOOR RAIL ADJUSTABLE FOR CONTACT W/ THRESHOLD.
7. 1 EA SIGN MOUNT ONTO DOOR, TO READ "THIS DOOR MUST REMAIN UNLOCKED WHENEVER THE BUILDING IS OCCUPIED/DURING BUSINESS HOURS."

DOOR #2 & #2A– VESTIBULE
1. 1 EA CLOSER LCN 4041 x 18
2. 3 EA HINGES OFFSET PIVOT ANSI -A-156.4 GRADE 1; BY DOOR MANUFACTURER.
3. 1 EA PUSH/PULL HANDLE HAGER PUSH/PULL SET 164D/V/B.
4. 1 EA (DOOR #2A) PANIC HARDWARE ADAMS RITE MFG. CO. 8800 SERIES WITH OUTSIDE CYLINDER (FINISH TO MATCH STOREFRONT DOOR)

DOOR #3 – STORAGE DELIVERY
1. 1 EA HINGE 780-112HD 83" ALUM HAGER
2. 1 EA CLOSER 4111 H-CUSH ALUM LCN
3. 1 EA PANIC 9975EO-LD 48" SP28 V.DUPRIN
4. 1 EA TRIM 990DT US26D V.DUPRIN
5. 1 EA ALARM LOCK PG21MSS ALARM
6. 1 EA LOCKGUARD CLP110 US32D DON-JO
7. 1 EA TREADPLATE 24 X 46 UMCO
8. 1 EA WTH/STP160V 48 X 84 N.GUARD
9. 1 EA THRESHOLD 325HD 48" N.GUARD
10. 1 EA SWEEP 101VA 48" N.GUARD
11. 1 EA VIEW FRAME LVGLFMD 9 X 9 DKB W/FLAP ON INSIDE N.GUARD
12. 1 EA MORTISE CYL HOUSING 7PIN SFIC 626
13. 1 EA 7 PIN CONSTRUCTION CORE FOR ABOVE 626
14. 1 EA CONTROL KEY FOR ABOVE

DOOR #3A – FREEZER DELIVERY (DOUBLE DOOR)
1. 2 EA CONTINUOUS HINGE A210HDC 83
2. 1 EA DEADBOLT B661P 626 SCHLAGE
3. 1 EA LATCH PROTECTOR CLP-110 630
4. 1 EA PULL H3E US28 HAGER
5. 1 EA GASKETING 160V 1 x 60" 2 x 84" SMS-TEKS 6 x 3/4"
6. 1 EA DRIP CAP 16 A 64" SMS-TEKS 6 x 3/4"
7. 1 EA TREADPLATE DIA CUT W/ HOLES 24" x 22"
8. 1 EA TREADPLATE DIA CUT W/ HOLES 24" x 34"
9. 2 EA SURFACE BOLT 275D 8" US26D
10. 1 EA THRESHOLD 325 HD 60" N.GAURD
11. 1 EA SWEEP 101VA 24" N.GAURD
12. 1 EA SWEEP 101VA 36" N.GAURD

DOOR #4 – REAR EXIT
1. 1 EA HINGE 780-112HD 83" ALUM HAGER
2. 1 EA CLOSER 4111 H-CUSH ALUM LCN
3. 1 EA PANIC 9975EO-LD 48" SP28 V.DUPRIN
4. 1 EA TRIM 990DT US26D V.DUPRIN
5. 1 EA ALARM LOCK PG21MSS ALARM
6. 1 EA LOCKGUARD CLP110 US32D DON-JO
7. 1 EA TREADPLATE 24 X 34 UMCO
8. 1 EA WTH/STP160V 36 X 84 N.GUARD
9. 1 EA THRESHOLD 325HD 48" N.GUARD
10. 1 EA SWEEP 101VA 36" N.GUARD
11. 1 EA VIEW FRAME LVGLFMD 9 X 9 DKB W/FLAP ON INSIDE N.GUARD
12. 1 EA MORTISE CYL HOUSING 7PIN SFIC 626
13. 1 EA 7 PIN CONSTRUCTION CORE FOR ABOVE 626
14. 1 EA CONTROL KEY FOR ABOVE

DOOR #5 – RESTROOM ENTRY
1. 3 EA HINGE BB1279 4 ½ X 4 ½ US26D HAGER
2. 1 EA CLOSER LDPA4031 SNB ALUM LCN
3. 1 EA PUSH PLATE 30S 4 X 32 US32D 40"AFF MOUNTED TO CENTER OF PLATE
4. 1 EA PULL PLATE LADDER PULL HANDLE WITH DECORATIVE FIXING, 32"L 1"DIA #S-32-1000 – UMCO 32D. 40" AFF MOUNTED CENTER OF PULL
   ALT. OPTION: 1 EA PULLPLATE SANITGRASP
   ALT. OPTION: 1 EA PULL-PUSH BUTTON CYLINDRICAL LOCK – TRILOGY DL2700 US26D CHROME
5. 2 EA KICKPLATE 190S 8 X 34 US32D HAGER
6. 1 EA DOOR STOP 236W US32D HAGER
7. 1 EA FINGER GRD MKIA PUSH SIDE BRN F.SAFE
8. 1 EA FINGER GRD MKIB PULL SIDE BRN F.SAFE
9. 1 EA STEPNPULL PULL SIDE (OPTIONAL)

DOOR #6 – ADA STALL
1. 2 EA HINGE 1250 4 ½ X 4 ½ US26D HAGER
2. 1 EA HINGE BB1279 4 ½ X 4 ½ US26D HAGER
3. 1 EA DEADBOLT B571 X 10-087 214EE X 12 X 291 X 626 SCHLAGE
4. 2 EA BACK TO BACK LADDER PULL HANDLE, 16"L, 1"DIA #S-16-1000 BTB-UMCO 32D MOUNTED 6" FROM EDGE OF DOOR TO CENTER OF SCREWS – 28½" MOUNTED 28½" FROM TOP OF DOOR TO C/L OF PULL
5. 1 EA ROBE HOOK 917 BRADLEY
6. 1 EA DOOR STOP 236W US32D HAGER

DOOR #6A – STANDARD STALL
1. 2 EA HINGE 1250 4 ½ X 4 ½ US26D HAGER
2. 1 EA HINGE BB1279 4 ½ X 4 ½ US26D HAGER
3. 1 EA DEADBOLT B571 X 10-087 214EE X 12 X 291 X 626 SCHLAGE
4. 2 EA BACK TO BACK LADDER PULL HANDLE, 16"L, 1"DIA #S-16-1000 BTB-UMCO 32D MOUNTED 6" FROM EDGE OF DOOR TO CENTER OF SCREWS – 28½" MOUNTED 28½" FROM TOP OF DOOR TO C/L OF PULL
5. 1 EA ROBE HOOK 917 BRADLEY
6. 1 EA DOOR STOP 236W US32D HAGER

DOOR #7 – DINING ROOM JANITORS CLOSET
1. 3 EA HINGE BB1279 4 ½ X 4 ½ US26D HAGER
2. 1 EA LOCK ND80PD RHO 626 SCHLAGE

DOOR #8A – COMPUTER CLOSET
1. 8 EA HINGE BB1279 4 ½ X 4 ½ US26D HAGER
2. 1 EA LOCK ND80PD RHO 626 SCHLAGE
3. 2 EA FLUSH BOLT 283D US26D HAGER

DOOR #9A & #9B – COOLER
1. ALL DOOR HARDWARE FOR THE REFRIGERATED COOLER / FREEZER SHALL BE PROVIDED BY THE MANUFACTURER.
   MANUFACTURER: KOLPAK @ HY 641 N. McCORKLE PARK ROAD PARSONS, TN 38363 PHONE: 800-344-4675
   HARDWARE PROVIDED:
   1. MAGNETIC PERIMETER DOOR GASKET
   2. THRESHOLD REINFORCED PLASTIC (FRP)
   3. POSI-SEAL DOOR CLOSURE
   4. STATIONARY CHROME DOOR PULL HANDLE
   5. INTERIOR SAFETY RELEASE HANDLE
   6. HINGES – BRUSHED CHROME CAST ALLOY

DOOR #10 – RACEWAY
1. 1 EA HINGE 780-112HD 83" ALUM HAGER
2. 1 EA CLOSER 1461 RW/PA ALUM LCN
3. 1 EA LOCK ND80PD RHO 626 SCHLAGE
   OPTIONAL – FOR OUTSWING DOOR REPLACE WITH 3A&B:
   3A. 1 EA PANIC 9975EO-LD 36" SP28 V.DUPRIN
   3B. 1 EA TRIM 990DT US26D V.DUPRIN
4. 1 EA ELEC STRIKE 6211 24V DC FSE US32D SCHLAGE
5. 1 EA PWR SUPPLY PS902 SCHLAGE
6. 1 EA ANNUNCIATOR BSV-24P SURFACE MOUNTED
7. 3 EA PUSH BUTTON 621-BK-DA HDP 626 SCHLAGE
8. 1 EA PUSH BUTTON 621-RD-DA HDP 626 SCHLAGE
9. 1 EA HORN WITH STROBE 1910S SCHLAGE
10. 1 EA GLASS 5 X 26 X ¼ UMCO
11. 1 EA VIEW FRAME LFRA100 6 X 27 DKB N.GUARD
12. 1 EA GLASS 5 X 26 X ¼ UMCO

DOOR #11 – (PR) ELECTRICAL CLOSET
1. 1 EA HINGE 780-112HD 83" ALUM HAGER
2. 1 EA LOCK ND80PD RHO 626 SCHLAGE
3. 1 EA LOCK GUARD CLP110 US32D DON JO
4. 1 EA WTH/STP 160V 42 X 84 N.GUARD
5. 1 EA THRESHOLD 425E 42" N.GUARD
6. 1 EA SWEEP 101VA 42" N.GUARD
7. 1 EA SEC. LOUVER LVRSG-3 DKB 18 X 18 N.GUARD
8. 1 EA PANIC 9975EO-LD 48" SP28 V.DUPRIN

DOOR #12 – FIRE CONTROL ROOM
1. 1 EA HINGE 780-112HD 83" ALUM HAGER
2. 1 EA LOCK ND80PD RHO 626 SCHLAGE
3. 1 EA LOCK GUARD CLP110 US32D DON JO
4. 1 EA WTH/STP 160V 36 X 84 N.GUARD
5. 1 EA THRESHOLD 425E 36" N.GUARD
6. 1 EA SWEEP 101VA 36" N.GUARD
7. EXTERIOR FIRE CONTROL DOOR SHALL BE LABELED: "FIRE CONTROL ROOM" WITH A MINIMUM 3-INCH LETTERS CONTRASTING IN COLOR TO THE BACKGROUND.

DOOR #13 – BABY CHANGING ROOM
1. 3 EA HINGE BB1279 4 ½ X 4 ½ US26D HAGER
2. 1 EA CLOSER LDPA4031 SNB ALUM LCN
3. 1 EA LOCK ND40S RHO 626 SCHLAGE
4. 2 EA KICKPLATE 190S 8 X 34 US28 HAGER
5. 1 EA DOOR STOP 236W US32D HAGER
6. 2 EA TOE GUARD 202NA 36" N.GUARD
7. 1 EA FINGER GRD MKIA PUSH SIDE BRN F.SAFE
8. 1 EA FINGER GRD MKIB PULL SIDE BRN F.SAFE

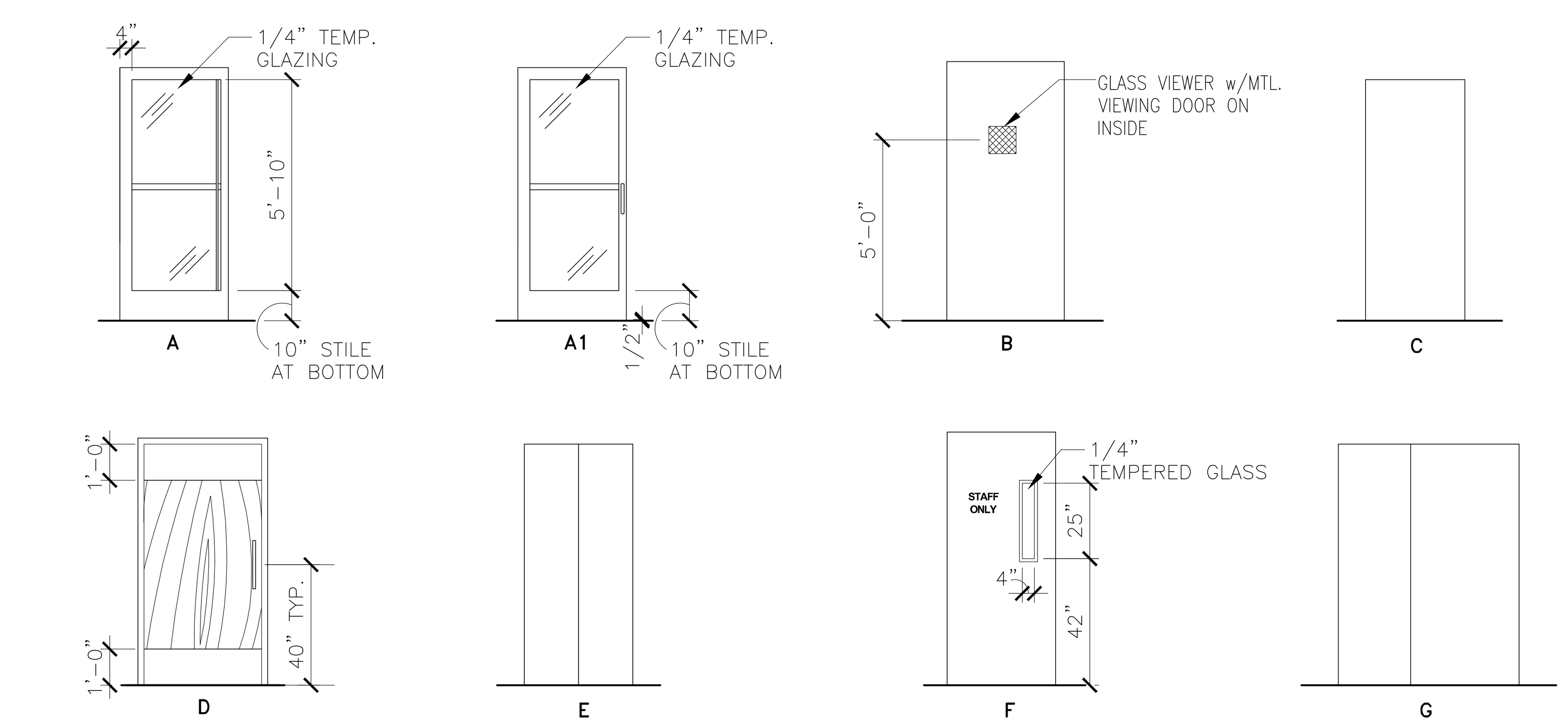
DOOR #15 CO2
1. 1 EA HINGE 780-112HD 83" ALUM HAGER
2. 1 EA LOCK ND80PD RHO 626 SCHLAGE
3. 1 EA LOCK GUARD CLP110 US32D DON JO
4. 1 EA WTH/STP 160V 36 X 84 N.GUARD
5. 1 EA THRESHOLD 425E 36" N.GUARD
6. 1 EA SWEEP 101VA 36" N.GUARD
7. 1 EA SEC. LOUVER LVRSG-3 DKB 18 X 18 N.GUARD

DOOR #16 CREW ROOM
1. 3 EA HINGE BB1279 4 ½ X 4 ½ US26D HAGER
2. 1 EA LOCK ND10S RHO 626 SCHLAGE
3. 1 EA VIEW FRAME LFRA100 24 X 30 DKB N.GUARD
4. 1 EA GLASS 23 X 29 X ¼ CLEAR UMCO

DOOR SCHEDULE

MARK	DOOR MATERIAL	DOOR SIZE	DOOR TYPE	FRAME MATL	FRAME SIZE
1	ALUM.	3'-0"x7'-0"x1 3/4"	A	ALUM.	(NOTE 5)
2	ALUM.	3'-0"x7'-0"x1 3/4"	A1	ALUM.	(NOTE 5)
2A	ALUM.	3'-0"x7'-0"x1 3/4"	A1	ALUM.	(NOTE 5)
3	H.M.	4'-0"x7'-0"x1 3/4"	B	H.M.	2"JAMB 4"HD
3A	H.M.	5'-0"x7'-0"x1 3/4"	G	H.M.	2"JAMB 4"HD
4	H.M.	3'-0"x7'-0"x1 3/4"	B	H.M.	2"JAMB 4"HD
5	S.C. WOOD W/ LAM.	3'-0"x6'-8"x1 3/4"	C	H.M.	2"JAMB & HEAD
6	S.C. WOOD W/ LAM.	3'-0"x4'-8"x1 3/4"	D	H.M.	2"JAMB & HEAD
6A	S.C. WOOD W/ LAM.	2'-6"x4'-8"x1 3/4"	D	H.M.	2"JAMB & HEAD
7	S.C. WOOD W/ LAM.	3'-0"x6'-8"x1 3/4"	C	H.M.	2"JAMB & HEAD
8		NOT USED			
8A	S.C. WOOD W/ LAM.	(2) 1'-2"x8'-0"x1 3/4"	E	H.M.	2"JAMB & HEAD
9A	INSULATED METAL	3'-0"x6'-6"x4"	C	N/A	N/A
9B	INSULATED METAL	4'-0"x6'-6"x4"	C	N/A	N/A
10	H.M.	3'-0"x7'-0"x1 3/4"	F	H.M.	2"JAMB & HEAD
11	H.M.	(PR) 3'-6"x8'-0"x1 3/4"	G	H.M.	2"JAMB 4"HD
12	H.M.	7'-0"x7'-0"x1 3/4"	G	H.M.	2"JAMB 4"HD
13	S.C. WOOD W/ LAM.	3'-0"x6'-8"x1 3/4"	C	H.M.	2"JAMB & HEAD
14		NOT USED	C		
15	H.M.	3'-0"x7'-0"x1 3/4"	C	H.M.	2"JAMB 4"HD
16	H.M.	3'-0"x7'-0"x1 3/4"	C	H.M.	2"JAMB 4"HD

GENERAL DOOR NOTES:
1. GC TO INSTALL ACCESSIBILITY DOOR SIGNS WHERE REQ'D BY LOCAL CODES – SEE GENERAL NOTE 6, SHEET A1.0
2. ALARM CONTACT SWITCHES SHALL BE RECESSED INTO THE TOP OF THE DOOR & HOLLOW METAL FRAME ABOVE.
3. DOORS, DOOR FRAMES, & HARDWARE FOR DOORS 3, 3A, 4, 5, 6, 6A, 7, 8, 8A, 10, 11, 12, 14, 15, 16 SUPPLIED BY: UNIVERSAL MANUFACTURING 1-800-821-1414.
4. DOOR 9 SUPPLIED BY FREEZER/COOLER MANUFACTURER
5. SEE ELEVATIONS AND WALL SECTIONS
6. ALL INTERIOR SOLID CORE WOOD DOORS TO HAVE A LAMINATED FINISH.
7. DOOR 8 & 8A – 1" UNDERCUT FOR MAKE UP AIR. DOOR 16. LAMINATED FINISH – "WILSONART DOVE GREY" D92-60
8. **DOOR 3, 3A, 4 & 15 TO HAVE MAXIMUM U VALUE = 0.61**
9. DOOR 5 RESTROOM EXTERIOR, 7 – LAMINATED FINISH, PER DECOR PORTFOLIO:
   GEOMETRY – "LAMITECH 2315 MT DARKSTEEL"
   FRAME FINISH – BENJAMIN MOORE "GRAY 2121-10"
   LUNA – "LAMITECH 1467 MT LINEAL OAK"
   FRAME FINISH – BENJAMIN MOORE "GRAY 2121-10"
   ROUTE 66 – "WILSONART NORTH SEA D90-60"
   FRAME FINISH – BENJAMIN MOORE "WHALE GRAY 2134-40"
   RAY – "LAMITECH 2255 MT IRON"
   FRAME FINISH – BENJAMIN MOORE "MIDNIGHT OIL 1631"
10. DOOR 5 RESTROOM INTERIOR, 6, 6A – LAMINATED FINISH – "LAMITECH ONTARIO OAK 1540 PW"
   FRAME FINISH BENJAMIN MOORE "GRAY 2121-10"



DOOR TYPES

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
1	03/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:
PM DESIGN Architectural Solutions Group
211 GATEWAY RD. W. SUITE. #208 NAPA, CA 94558
HALA IBRAHIM
PHONE: (707) 655-4733
EMAIL: HIBRAHIM@PMDGINC.COM
KEN MCCRACKEN, ARCHITECT

PRCNC20241917

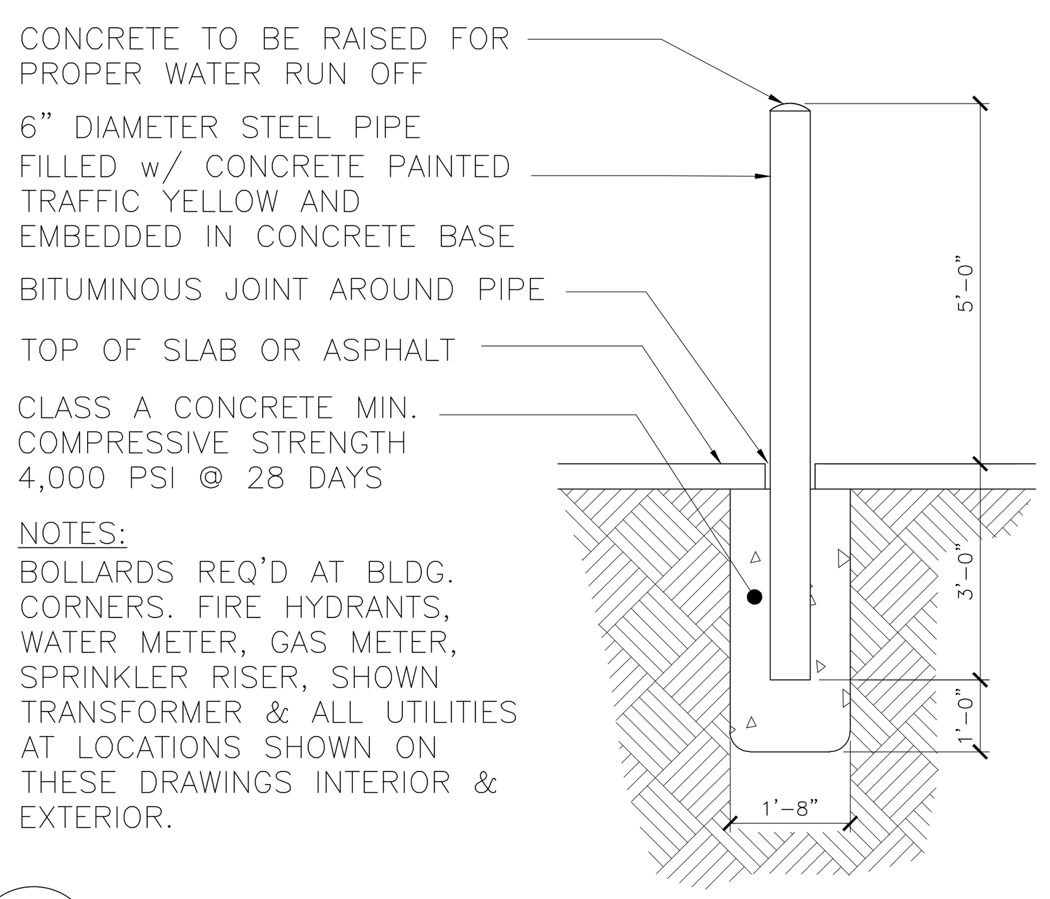
EXPIRATION DATE: 06/22/25
9664 REGISTERED ARCHITECT
KENNETH McCRACKEN STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25
Seal 01366

DRAWN BY: --
STD ISSUE DATE: 12/10/24
REVIEWED BY: HII
DATE ISSUED: 03/20/25

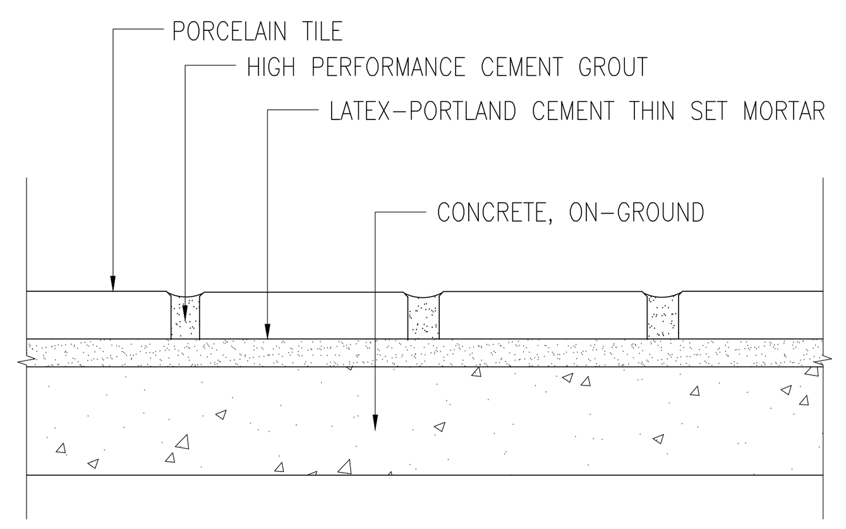
TITLE: 2024 STANDARD BUILDING – BB20 3898 – PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS WOOD ROOF TRUSS FRAMING STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

SHEET NO. 046-1180.00.0
A6.0
DOOR & HARDWARE

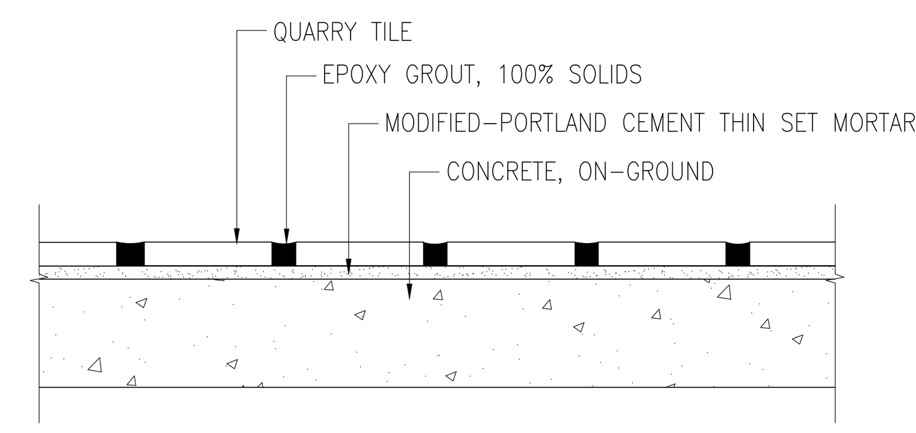
MCD24092.0 – PUYALLUP, WA



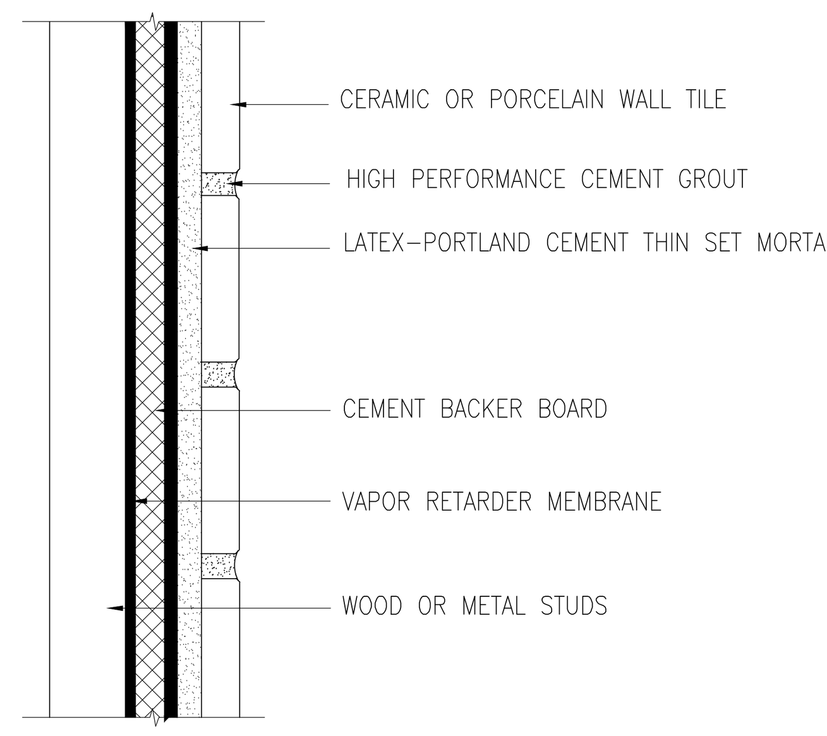
1 / A6.1 BOLLARD DETAIL
N.T.S.



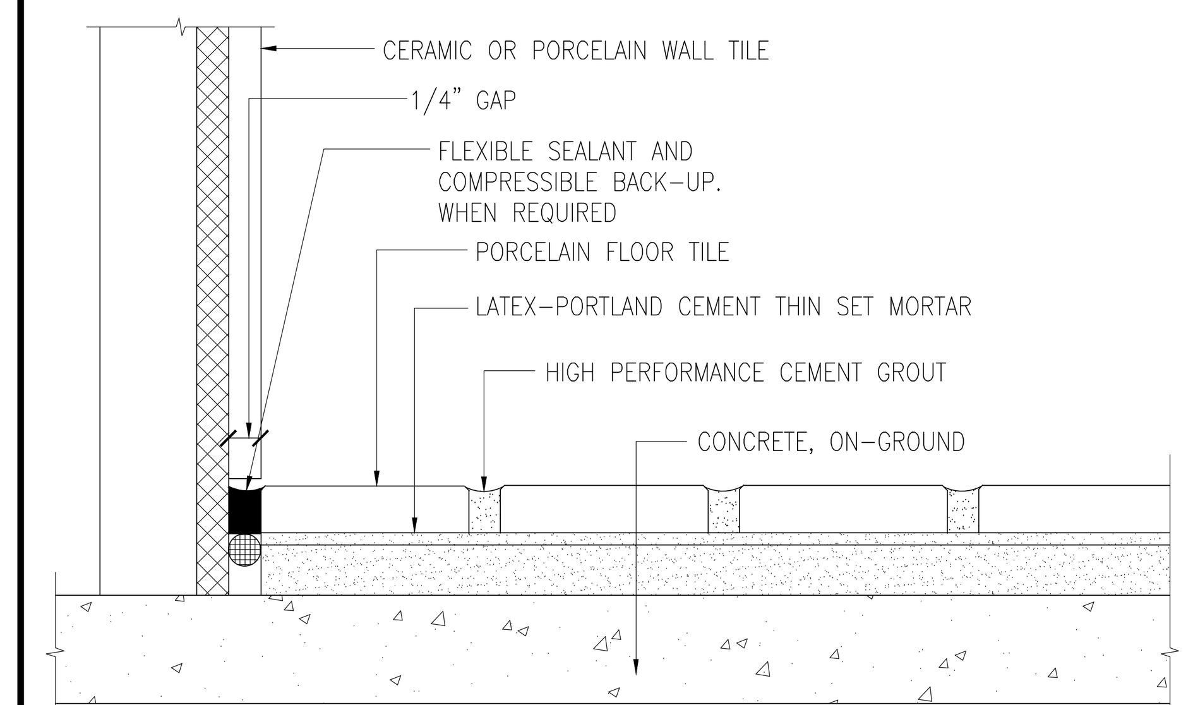
2 / A6.1 RESTROOM AND DINING ROOM FLOORS OVER CONCRETE
N.T.S.



3 / A6.1 KITCHEN/SUPPORT FLOORS OVER CONCRETE
N.T.S.



4 / A6.1 DINING ROOM INTERIOR WALLS OVER WOOD OR METAL STUDS
N.T.S.



5 / A6.1 DINING ROOM PERIMETER JOINT
N.T.S.

WALL TILE SCHEDULE – GEOMETRY

MARK	ROOM NAME	WALL		MORTAR SETTING BED	GROUT
100	CUSTOMER SERVICE	CERAMIC OR PORCELAIN WALL TILE	(NOTE 5C)	LATEX-PORTLAND CEMENT THIN SET (MEDIUM BED)	HIGH PERFORMANCE CEMENT GROUT
101	DINING	SEE DINING ROOM FINISH SCHEDULE	(NOTE 5B & 5C)	LATEX-PORTLAND CEMENT THIN SET (MEDIUM BED)	HIGH PERFORMANCE CEMENT GROUT
102	WOMEN'S TOILET	CERAMIC OR PORCELAIN WALL TILE	(NOTE 4)	LATEX-PORTLAND CEMENT THIN SET (MEDIUM BED)	HIGH PERFORMANCE CEMENT GROUT (NOTE 4)
103	MEN'S TOILET	CERAMIC OR PORCELAIN WALL TILE	(NOTE 4)	LATEX-PORTLAND CEMENT THIN SET (MEDIUM BED)	HIGH PERFORMANCE CEMENT GROUT (NOTE 4)
104	SUPPORT	N/A – SEE ROOM FINISH SCHEDULE		----	----
105	KITCHEN	N/A – SEE ROOM FINISH SCHEDULE		----	----
106	PRESENTER-1	CERAMIC WALL TILE		LATEX-PORTLAND CEMENT THIN SET (MEDIUM BED)	HIGH PERFORMANCE CEMENT GROUT
107	ORDER	N/A – SEE ROOM FINISH SCHEDULE		----	----
108	MANAGER'S OFFICE	N/A – SEE ROOM FINISH SCHEDULE		----	----
109	CREW ROOM	SEE ROOM FINISH SCHEDULE	(NOTE 5B)	LATEX-PORTLAND CEMENT THIN SET (MEDIUM BED)	HIGH PERFORMANCE CEMENT GROUT
110	COOLER	N/A – SEE ROOM FINISH SCHEDULE		----	----
111	FREEZER	N/A – SEE ROOM FINISH SCHEDULE		----	----
112	COMPUTER CLOSET	N/A – SEE ROOM FINISH SCHEDULE		----	----
113	CREW ALCOVE	N/A – SEE ROOM FINISH SCHEDULE		----	----
114	JANITOR'S CLOSET	N/A – SEE ROOM FINISH SCHEDULE		----	----
115	VESTIBULE	CERAMIC WALL TILE		LATEX-PORTLAND CEMENT THIN SET (MEDIUM BED)	HIGH PERFORMANCE CEMENT GROUT
116	PRESENTER-2	CERAMIC WALL TILE		LATEX-PORTLAND CEMENT THIN SET (MEDIUM BED)	HIGH PERFORMANCE CEMENT GROUT
117	FIRE RISER	----		----	----

FLOOR TILE SCHEDULE – GEOMETRY

MARK	ROOM NAME	FLOOR	BASE	MORTAR SETTING BED	GROUT
100	CUSTOMER SERVICE	PORCELAIN FLOOR TILE (NOTE 3)	NONE – WALL TILE	LATEX-PORTLAND CEMENT THIN SET (MEDIUM BED)	HIGH PERFORMANCE CEMENT GROUT
101	DINING	PORCELAIN FLOOR TILE (NOTE 3)	NONE – WALL TILE	LATEX-PORTLAND CEMENT THIN SET (MEDIUM BED)	HIGH PERFORMANCE CEMENT GROUT
102	WOMEN'S TOILET	PORCELAIN FLOOR TILE (NOTE 4)	NONE – WALL TILE (NOTE 5A)	LATEX-PORTLAND CEMENT THIN SET (MEDIUM BED)	HIGH PERFORMANCE CEMENT GROUT
103	MEN'S TOILET	PORCELAIN FLOOR TILE (NOTE 4)	NONE – WALL TILE (NOTE 5A)	LATEX-PORTLAND CEMENT THIN SET (MEDIUM BED)	HIGH PERFORMANCE CEMENT GROUT
104	SUPPORT	QUARRY TILE (NOTE 2)	COVED QUARRY TILE	MODIFIED-PORTLAND CEMENT THIN SET MORTAR (MEDIUM BED)	CHEMICAL RESISTANT, WATER-CLEANABLE, TILE-SETTING EPOXY – 100% SOLIDS, INDUSTRIAL-GRADE
105	KITCHEN	QUARRY TILE (NOTE 2)	COVED QUARRY TILE	MODIFIED-PORTLAND CEMENT THIN SET MORTAR (MEDIUM BED)	CHEMICAL RESISTANT, WATER-CLEANABLE, TILE-SETTING EPOXY – 100% SOLIDS, INDUSTRIAL-GRADE
106	PRESENTER-1	QUARRY TILE (NOTE 2)	COVED QUARRY TILE	MODIFIED-PORTLAND CEMENT THIN SET MORTAR (MEDIUM BED)	CHEMICAL RESISTANT, WATER-CLEANABLE, TILE-SETTING EPOXY – 100% SOLIDS, INDUSTRIAL-GRADE
107	ORDER	QUARRY TILE (NOTE 2)	COVED QUARRY TILE	MODIFIED-PORTLAND CEMENT THIN SET MORTAR (MEDIUM BED)	CHEMICAL RESISTANT, WATER-CLEANABLE, TILE-SETTING EPOXY – 100% SOLIDS, INDUSTRIAL-GRADE
108	MANAGER'S OFFICE	QUARRY TILE (NOTE 2)	COVED QUARRY TILE	MODIFIED-PORTLAND CEMENT THIN SET MORTAR (MEDIUM BED)	CHEMICAL RESISTANT, WATER-CLEANABLE, TILE-SETTING EPOXY – 100% SOLIDS, INDUSTRIAL-GRADE
109	CREW ROOM	QUARRY TILE (NOTE 2)	COVED QUARRY TILE	MODIFIED-PORTLAND CEMENT THIN SET MORTAR (MEDIUM BED)	CHEMICAL RESISTANT, WATER-CLEANABLE, TILE-SETTING EPOXY – 100% SOLIDS, INDUSTRIAL-GRADE
110	COOLER	QUARRY TILE (NOTE 2)	4" ALUM. COVED BASE	MODIFIED-PORTLAND CEMENT THIN SET MORTAR (MEDIUM BED)	CHEMICAL RESISTANT, WATER-CLEANABLE, TILE-SETTING EPOXY – 100% SOLIDS, INDUSTRIAL-GRADE
111	FREEZER	QUARRY TILE (NOTE 2)	4" ALUM. COVED BASE	MODIFIED-PORTLAND CEMENT THIN SET MORTAR (MEDIUM BED)	CHEMICAL RESISTANT, WATER-CLEANABLE, TILE-SETTING EPOXY – 100% SOLIDS, INDUSTRIAL-GRADE
112	COMPUTER CLOSET	QUARRY TILE (NOTE 2)	COVED QUARRY TILE	MODIFIED-PORTLAND CEMENT THIN SET MORTAR (MEDIUM BED)	CHEMICAL RESISTANT, WATER-CLEANABLE, TILE-SETTING EPOXY – 100% SOLIDS, INDUSTRIAL-GRADE
113	CREW ALCOVE	QUARRY TILE (NOTE 2)	COVED QUARRY TILE	MODIFIED-PORTLAND CEMENT THIN SET MORTAR (MEDIUM BED)	CHEMICAL RESISTANT, WATER-CLEANABLE, TILE-SETTING EPOXY – 100% SOLIDS, INDUSTRIAL-GRADE
114	JANITOR'S CLOSET	PORCELAIN FLOOR TILE	COVED QUARRY TILE	LATEX-PORTLAND CEMENT THIN SET (MEDIUM BED)	HIGH PERFORMANCE CEMENT GROUT
115	VESTIBULE	PORCELAIN FLOOR TILE	NONE – WALL TILE	LATEX-PORTLAND CEMENT THIN SET (MEDIUM BED)	HIGH PERFORMANCE CEMENT GROUT
116	PRESENTER-2	QUARRY TILE (NOTE 2)	COVED QUARRY TILE	MODIFIED-PORTLAND CEMENT THIN SET MORTAR (MEDIUM BED)	CHEMICAL RESISTANT, WATER-CLEANABLE, TILE-SETTING EPOXY – 100% SOLIDS, INDUSTRIAL-GRADE
117	FIRE RISER	N/A – SEE ROOM FINISH SCHEDULE	----	----	----

ROOM FINISH SCHEDULE – GEOMETRY

MARK	ROOM NAME	WALLS			CEILING *	REMARKS
		SUBSTRATE	FINISH			
100	CUSTOMER SERVICE	CEMENT BOARD	TILE **	TILE AS NOTED ON A1.0 AND A3.1	2'x2' VINYL-FACED LAY-IN	
101	DINING	CEM BD/GYP BD	TILE/V.W.C. **	SEE DINING ROOM FINISH SCHEDULE	SEE DINING ROOM FINISH SCHEDULE	
102	WOMEN'S TOILET	CEMENT BOARD	TILE		PAINTED GYP. BD.	BENJAMIN MOORE – "OC-17 WHITE DOVE"
103	MEN'S TOILET	CEMENT BOARD	TILE		PAINTED GYP. BD.	BENJAMIN MOORE – "OC-17 WHITE DOVE"
104	SUPPORT	1/2" PLYWOOD (NOTE 4)	FRP	STAINLESS STEEL CORNERS	2'x2' VINYL-FACED LAY-IN	SEE NOTE 5 FOR WALL FINISH EXCEPTIONS
105	KITCHEN	CEMENT BOARD, 1/2" PLYWD, (NOTE 4)	SEE A1.0	STAINLESS STEEL CORNERS	2'x2' VINYL-FACED LAY-IN	SEE SHEET A1.0 FOR EXTENT OF CEMENT BOARD, SS OR CT
106	PRESENTER -1	CEMENT BOARD	TILE	TILE AS NOTED ON A1.0	2'x2' VINYL-FACED LAY-IN	
107	ORDER	CEMENT BOARD	TILE		2'x2' VINYL-FACED LAY-IN	
108	MANAGER'S AREA	CEMENT BOARD	TILE		2'x2' VINYL-FACED LAY-IN	
109	CREW ROOM	CEM BD/GYP BD	TILE/V.W.C. **	SEE NOTE 8	2'x2' ACOUST. LAY-IN	
110	COOLER	N/A	PRE-FAB METAL SKIN PANEL		PRE-FAB METAL SKIN PANEL	BASE SUPPLIED BY KES
111	FREEZER	N/A	PRE-FAB METAL SKIN PANEL		PRE-FAB METAL SKIN PANEL	BASE SUPPLIED BY KES
112	COMPUTER CLOSET	1/2" PLYWOOD (NOTE 4)	FRP		PAINTED GYP. BD.	
113	CREW ALCOVE	CEMENT BOARD, 1/2" PLYWD, (NOTE 4)	FRP	STAINLESS STEEL CORNERS, TILE OVER CEM BD AS NOTED ON A1.0	2'x2' VINYL-FACED LAY-IN	SEE SHEET A1.0 FOR EXTENT OF CEMENT BOARD, SS OR CT
114	JANITOR'S CLOSET	1/2" PLYWOOD (NOTE 4)	FRP		PAINTED GYP. BD.	EXT GRADE PLYWOOD (NOTE 4) SEE NOTE 5A
115	VESTIBULE	CEM BD/GYP BD	TILE/V.W.C.	SEE DINING ROOM FINISH SCHEDULE	SEE DINING ROOM FINISH SCHEDULE	OPTIONAL PEDIMAT. SEE DETAIL 7/A6.1. VERIFY WITH MCD CONSTRUCTION MANGER
116	PRESENTER -2	CEMENT BOARD	TILE	TILE AS NOTED ON A1.0	2'x2' VINYL-FACED LAY-IN	
117	FIRE RISER	1/2" PLYWOOD (NOTE 4)	PAINTED GYP. BD.			

DINING ROOM FINISH SCHEDULE – GEOMETRY

MARK	QUANTITY	TYPE	PRODUCT, FINISH & COLOR	REMARKS
D1	N/A	MAIN WALL TILE	EUROWEST – WARM WHITE 6"x6"	GROUT: MAPEI BLACK 10 – JOINT 1/16" MAX
D2	N/A	ACCENT WALL TILE	CROSSVILLE – KALEIDOSCOPE 24"x24"	GROUT: MAPEI TIMBERWOLF 104 – JOINT 1/16" MAX
D3	N/A	WALL PANELING	LAMITECH – 1557-PR SEASON ASH PORE FINISH 48"x120"	EDGES: REHAU C200063 BEIGE
D4	N/A	MAIN WALL TILE TRIM	SCHLUTER – QUADEC-TS MATTE BLACK Q 125MGS	
D5	N/A	WALL PANEL TRIM	ALUMINUM TRIM, FINISH: BLACK	TYPES: L-ANGLE, J-MOLD, OUTSIDE CORNER TRIM
D6	N/A	LAMINATE BASE	LAMITECH – 2110 MT CINDER (1/2" COMPACT"	
D7	N/A	WINDOW SILLS AND CASEMENT	DUPONT – CORIAN "DEEP NOCTURNE"	
D8	N/A	MAIN CEILING TILE	ACOUSTICAL SURFACES INC. – WOOD WOOD "5/8"x24"x48" DROP IN CEILING W/ SQUARE EDGES	FACTORY PAINTED: BENJAMIN MOORE – MONTPELIER AF-555
D9	N/A	MAIN CEILING GRID	USG – DX/DXL INTERMEDIATE DUTY GRID	CUSTOM PAINTED: BENJAMIN MOORE – MONTPELIER AF-555
D10	N/A	CEILING SOFFIT	LAMITECH – 1557-PR SEASON ASH PORE FINISH	REVEAL: LAMITECH – 2110 MT CINDER
D11	1	CEILING VENT PAINT	BENJAMIN MOORE – MONTPELIER AF-555	
D12	1	POSTER PARTITION W/ FRAME	PICTURE FRAME: FORD BLACK, LETTERS: A/B/C/D, ALL METAL WORKS: FORD BLACK, GRAPHICS: DIGITAL PRINTING	
D13	1	ACRYLIC PARTITION	METAL: FORD BLACK, ACRYLIC SCREEN: DIGITAL PRINTING ON ACRYLIC	
D14	4	WALL POSTERS W/ FRAMES	PICTURE FRAME: WHITE RAL 9010, ARTWORK: COFFEE/FRENCH FRIES/HAMBURGER/APPLE PIE, GRAPHICS: DIGITAL PRINTING	
D15	4	SLIDING WINDOW SCREEN	EXTRA LARGE, FINISH: LAMITECH – 1557-PR SEASON ASH PORE	EDGES: BIRCH PLYWOOD, METAL STRUCTURE: TCI 9611-01333 STAINLESS STEEL
D16	SEE PLAN	ACCENT LIGHTING	SECURITY LIGHTING – 4"x8" DOUBLE GIMBAL ACCENT LED LIGHT – 1200 LUMEN	SEE ELECTRICAL
D17	SEE PLAN	PENDANT LIGHTING	SECURITY LIGHTING – RED LINEAR PENDANT – 72" WITH CANOPY AND BLACK CORD	SEE ELECTRICAL

GENERAL FINISH NOTES:

1. REFERENCE: McDONALD'S PROJECT MANUAL – SECTION 093000
2. KITCHEN FLOOR TILE:
   TILE: CROSSVILLE 6"x6" 'METROPOLITAN QUARRY BASICS ABRASIVE'
   GROUT: CHARCOAL #47 BY MAPEI
   KERAPOXY IEG BLACK #10 BY MAPEI (FOR OPTIONAL GREY TILE)
   COLOR: PURITAN GRAY EXTRA ABRASIVE 57XA (STANDARD)
   MAYFLOWER RED 31XA (OPTIONAL) – VERIFY W/ MCDONALD'S ACM
3. DINING ROOM FLOOR TILE:
   TILE: EUROWEST 6"x36" 'QUIET NUMB'
   GROUT: MAPEI ULTRACOLOR CHARCOAL 47 – JOINT 1/8" MAX.
4. RESTROOM TILE:
   MAIN WALL TILE: EUROWEST – ARCHITECT 12"x24" 'FACTORY'
   ACCENT WALL TILE: EUROWEST – SHELTER 4"x12" 'BIANCO MATTE'
   RESTROOM SINK & HAND DRYER PANEL: CORIAN – CAMEO WHITE
   FLOOR TILE: EUROWEST – NEW GROUND 12"x24" 'ANTHRACITE'
   GROUT: MAPEI ULTRACOLOR CHARCOAL 47 – JOINT 1/8" MAX
5. TILE TRANSITION AND EDGE PROTECTION:
   A) TILE BASE (RESTROOM ONLY): SCHLUTER DILEX-AHK SERIES, BRUSHED STAINLESS STEEL.
   B) TILE EDGE PROTECTION (WALL TRANSITION): SCHLUTER-RONDEC-DB, SATIN ANODIZED ALUMINUM.
   C) TILE CORNER PROTECTION (OUTSIDE CORNER): SCHLUTER-RONDEC-AE, SATIN ANODIZED ALUMINUM.

   BEFORE FINAL INSPECTION, REMOVE PROTECTIVE COVERINGS AND PERFORM FINAL CLEANING.
6. TILE CLEANER: DETERDEK, BY FILA SURFACE CARE PRODUCTS – NO SUBSTITUTIONS ALLOWED
   CAN BE ORDERED BY EUROWEST, CROSSVILLE, OR DIRECT FROM MANUFACTURER: FILA/DETEREK
   POST INSTALLATION CLEANING REQUIRED ON ALL FLOOR TILE INSTALLTIONS PRIOR TO RESTAURANT TURN OVER.

   APPLY CLEANER PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
   REFERENCE: McDONDALD'S PROJECT MANUAL – SECTION 09300 TILING INTERIOR.
7. GROUT COLOR AND MANUFACTURER AS INDICATED ON SHEET A1.0 AND INTERIOR DECOR DRAWINGS.

GENERAL FINISH NOTES:

1. ALL FINISH SURFACES OF WALL AND CEILING MATERIALS SHALL BE CLASS B AND SHALL HAVE A FLAME SPREAD RATING OF 26 TO 75 AND A SMOKE DENSITY OF 450 MAX. (PER IBC TABLE 803.9).
2. DECORATIVE MATERIALS SHALL BE FLAME RETARDANT AND MEET THE CRITERIA OF NFPA 701.
3. DECORATIVE MATERIAL SHALL NOT CONCEAL EXITS, EXIT LIGHTS, ALARM STATIONS, HOSE CABINETS, AND EXTINGUISHER LOCATIONS
4. WHEN BUILDING TYPE IS A NON-COMBUSTIBLE CATEGORY, ALL PLYWOOD SHALL BE FIRE RETARDANT TREATED.
5. AREA SHOWN TO BE FRP TO BE FULL HEIGHT.
6. PROVIDE CEMENT BOARD BACKER OR EQUIVALENT AT ALL TILE LOCATIONS.
7. PROVIDE VAPOR BARRIER BEHIND PLYWOOD AT WALLS AND BEHIND GYP. AT CEILING
8. CREW ROOM FINISHES:
   NORTH WALL: MOMENTUM WALL GRAPHIC – VIS705.
   EAST/WEST/SOUTH WALLS: TILE WAINSCOT TO 3' A.F.F. – EUROWEST ARCHITECT FACTORY 12"x24". TILE COVE BASE – EUROWEST ARCHITECT FACTORY 6"x12". GEOMETRY WOOD WALL COVERING – KOROSEAL, VESCOM, BELEM 1087.12.
   CEILING: USG – FROST CLIMAPLUS 534 CHARCOAL 24"x24. PAINT GRID TO MATCH TILE.

   *TILE OPTION FOR HEALTH CODE: WAINSCOT – EUROWEST MA.DE UNI GRIGIO 12"x24". TILE COVE BASE – EUROWEST UNI GRIGIO 6"x12".

   ALL DECOR ELEMENTS MANUFACTURED BY DECOR TO BE PURCHASED AND INSTALLED BY GC, UNO.
9.

City of Puyallup
Development & Permitting Services
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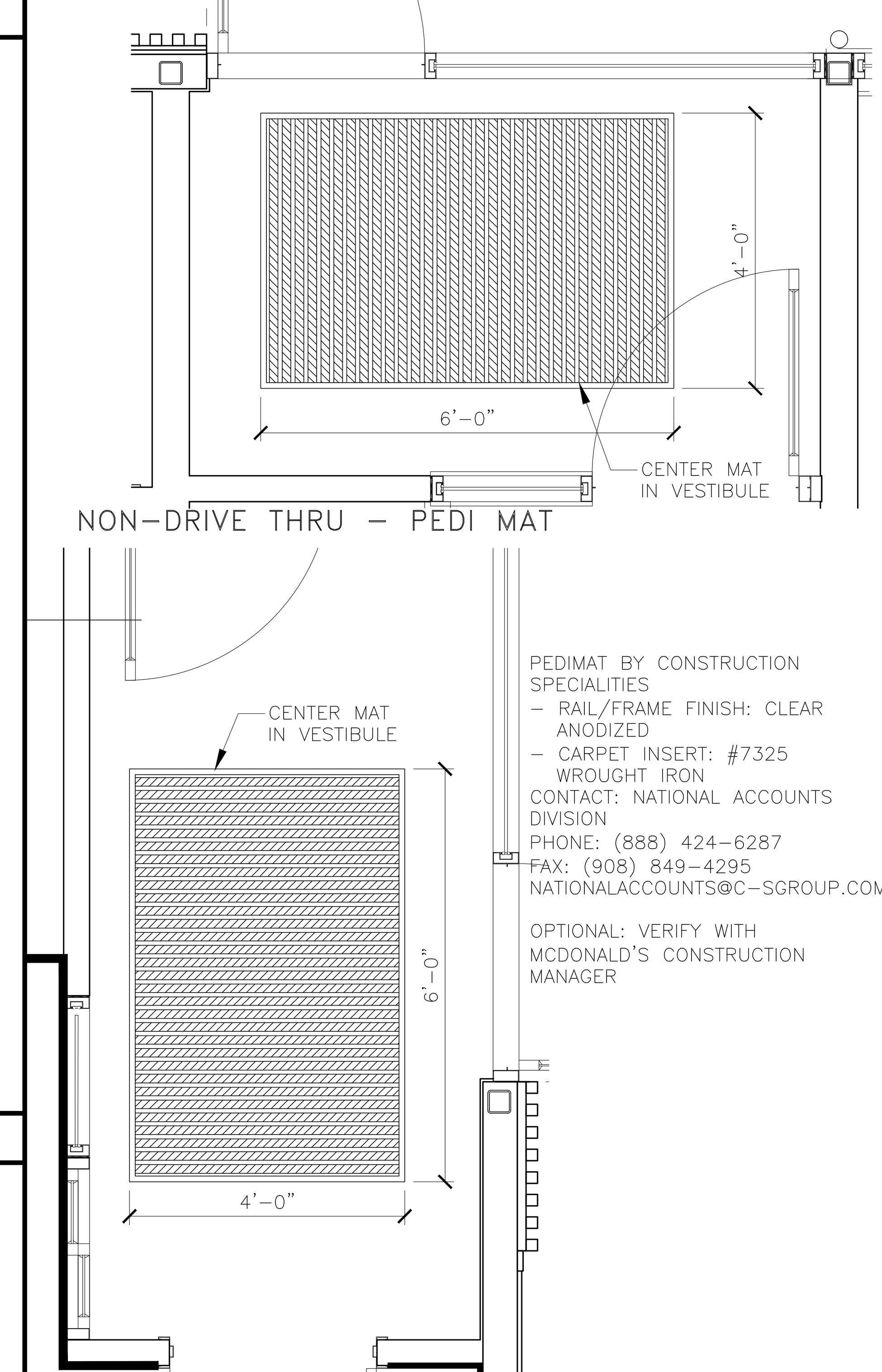
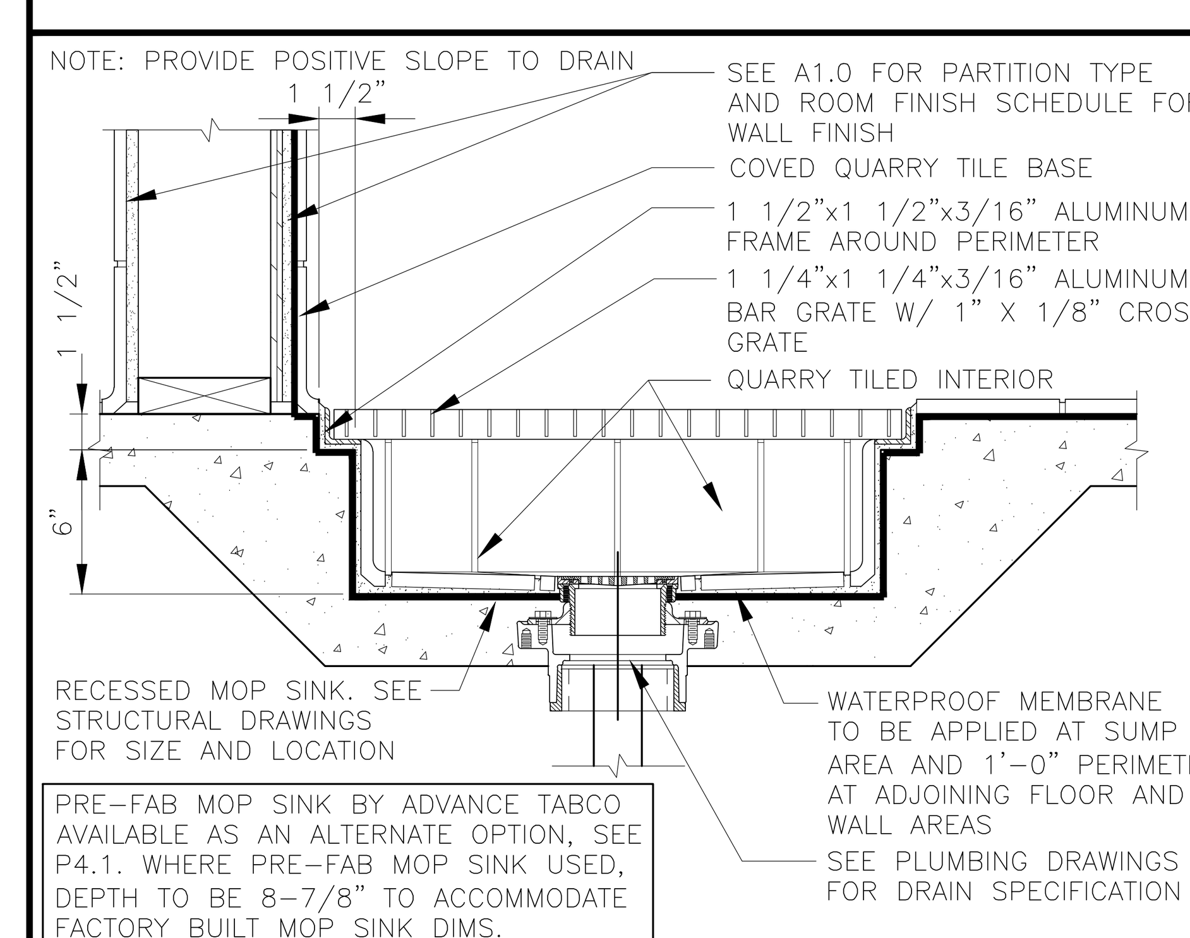
Building | Planning
Engineering | Public Works
Fire | Traffic

* SEE CEILING PLAN FOR HEIGHTS & LAYOUTS
** VWC ON EXTERIOR WALL ASSEMBLIES TO BE PERFORATED



7 / A6.1 PEDIMAT (OPTIONAL)
1/2" =1'-0"



8 / A6.1 MOP SINK
1 1/2"=1'-0"

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
△	03/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:
PM DESIGN Architectural Solutions Group
211 GATEWAY RD. W.
SUITE. #208
NAPA, CA 94558
HALA IBRAHIM
PHONE: (707) 655-4733
EMAIL: HIBRAHIM@PMDGINC.COM
KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664 REGISTERED ARCHITECT
KENNETH McCRACKEN STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25
Seal 01366

PREPARED FOR: McDonald's USA, LLC

DRAWN BY: MP
STD ISSUE DATE: 12/10/24
REVIEWED BY: HII
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

046-1180.00.0
SHEET NO. A6.1
FINISH SCHEDULES

MCD24092.0 – PUYALLUP, WA

STRUCTURAL GENERAL NOTES:

DESIGN AND LOADING
1. THE STRUCTURAL DESIGN OF THIS BUILDING WAS BASED ON THE DESIGN CRITERIA:
   - A. BUILDING CODE: 2021 INTERNATIONAL BUILDING CODE
   - B. FLOOR:
     - LIVE LOAD: 100 PSF
   - C. ROOF:
     - LIVE LOAD: 20 PSF
     - DEAD LOAD: 20 PSF
   - D. SNOW:
     - GROUND SNOW LOAD: 25 PSF
   - E. WIND:
     - BASIC WIND SPEED: 98 MPH (3-SECOND GUST ULTIMATE)
     - IMPORTANCE FACTOR: 1.00
     - BUILDING OCCUPANCY CATEGORY: II
     - WIND EXPOSURE: B
     - PRESSURES PER ASCE7-16
   - F. SEISMIC:
     - OCCUPANCY CATEGORY: II
     - IMPORTANCE FACTOR: 1.00
     - SITE CLASS: D (DEFAULT)
     - SS = 1.254
     - S1= 0.432
     - SDS = 1.003
     - SD1 = 0.538
     - DESIGN CATEGORY: D
     - PLYWOOD SHEAR WALLS (R = 6.5)
     - Cs: 0.1538
     - DESIGN BASE SHEAR = SEE CALCULATIONS
     - ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE

FOUNDATION NOTES
1. THE FOUNDATION DESIGN OF THIS BUILDING WAS BASED ON THE FOLLOWING CRITERIA:
   - A. MAXIMUM ALLOWABLE SOIL BEARING CAPACITY = 2,500 PSF
     - GEOTECH: KRAZEN & ASSOCIATES
   - B. JOB NO.: 062-24019
   - C. ANY FILL REQUIRED BELOW SLABS ON GRADE OR FOOTINGS SHALL BE COMPACTED AS REQUIRED BY THE BUILDING CODE
2. ALL EXTERIOR FOOTINGS SHALL EXTEND BELOW THE MAXIMUM ANTICIPATED DEPTH OF FROST OR AS REQUIRED BY THE BUILDING CODE.
3. ALL FOUNDATION EXCAVATIONS SHALL BE INSPECTED BY A SOILS TESTING LABORATORY PRIOR TO PLACEMENT OF CONCRETE.

CONCRETE AND REINFORCING
1. ALL CONCRETE SHALL BE IN ACCORDANCE WITH THE "AMERICAN CONCRETE INSTITUTE BUILDING CODE" (ACI 318) AND WITH "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301) LATEST EDITIONS.
2. ALL NORMAL WEIGHT CONCRETE (145 PCF) SHALL OBTAIN A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI (3500 PSI FOR SLABS).
3. ALL CONCRETE SUBJECT TO EXTERIOR EXPOSURE SHALL BE AIR ENTRAINED AS RECOMMENDED BY ACI 318.
4. TEST CYLINDERS SHALL BE MADE AND TESTED AS OUTLINED IN CHAPTER 16 OF ACI-301.
5. REINFORCING BARS SHALL BE DEFORMED BARS OF NEW BILLET STEEL CONFORMING TO ASTM A-615, GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185. ALL REINFORCING AND ACCESSORIES SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI STANDARD 315 AND 315R.
6. PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT AT POSITIONS SHOWN ON THE PLANS AND DETAILS. PLASTIC COATED ACCESSORIES SHALL BE USED IN ALL EXPOSED CONCRETE WORK.
7. THE GENERAL CONTRACTOR SHALL CHECK WITH ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND THE SUB-CONTRACTORS FOR OPENINGS, SLEEVES, ANCHORS, HANGERS, INSERTS, SLAB DEPRESSIONS AND OTHER ITEMS RELATED TO THE CONCRETE WORK AND SHALL ASSUME RESPONSIBILITY FOR THEIR PROPER LOCATION.

STRUCTURAL STEEL
1. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN CONFORMANCE WITH THE AISC360 "SPECIFICATION FOR STRUCTURAL STEEL". SEISMIC DESIGN OF STRUCTURAL STEEL STRUCTURES SHALL CONFORM TO AISC 341.
2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS:

A.	ANCHOR RODS	F1554, GRADE 36
B.	HIGH STRENGTH STRUCTURAL BOLTS	A325-N U.N.O.
C.	STRUCTURAL SHAPES (W)	A992
D.	STRUCTURAL SHAPES (M, S, C, MC, PLATES)	A36
E.	STRUCTURAL SHAPES (HP)	A572
F.	STRUCTURAL TUBING (HSS)	A500 GRADE B
G.	STRUCTURAL ANGLES	A36

3. ALL WELDING ELECTRODES SHALL BE E70-XX. ALL SHOP AND FIELD WELDING SHALL BE MADE IN ACCORDANCE WITH A.W.S. D1.1 "CODE FOR WELDING IN BUILDING CONSTRUCTION" AND SHALL BE MADE BY CERTIFIED WELDERS.

LAMINATED VENEER LUMBER (LVL)
1. ALL BEAMS SHALL BE MANUFACTURED WITH LAMINATED VENEER LUMBER AND WATERPROOF ADHESIVES.
2. SIZE, MANUFACTURER (WEYERHAEUSER) & SERIES OF ALL LVL MEMBERS SHALL BE AS SHOWN ON DRAWINGS. BEAM GRADE SHALL BE 2600Fb, 285Fv, 1.8E
3. ANY SUBSTITUTIONS MUST BE APPROVED IN WRITING BY ENGINEER OR ARCHITECT OF RECORD.
4. PROVIDE 3" MINIMUM BEARING OR AS SPECIFIED ON PLANS. REFER TO PLANS FOR FASTENING OF MULTIPLE PIECE BEAMS.

OPEN WEB WOOD JOISTS
1. OPEN WEB WOOD JOISTS SHALL BE MANUFACTURED WITH MACHINE STRESS RATED TOP AND BOTTOM CHORDS. WEBS SHALL BE TUBULAR STEEL MEMBERS PER MANUFACTURERS' SPECIFICATIONS.
2. SIZE, MANUFACTURER & SERIES OF ALL OPEN WEB JOISTS SHALL BE AS SHOWN ON DRAWINGS. ANY SUBSTITUTIONS MUST BE APPROVED IN WRITING BY ENGINEER OR ARCHITECT OF RECORD.
3. PROVIDE 3 1/2" MINIMUM BEARING OR AS SPECIFIED ON PLANS. SHIM AS REQUIRED TO PROVIDE FULL BEARING AND LEVEL SUPPORT.
4. DO NOT CUT TOP OR BOTTOM CHORDS.
5. ALL HANGERS AND FRAMING CONNECTORS SHOWN ARE MANUFACTURED BY SIMPSON STRONG TIE. ANY SUBSTITUTIONS MUST BE APPROVED IN WRITING BY ENGINEER OR ARCHITECT OF RECORD.
6. REFER TO PLANS FOR WEB STIFFENER AND CONCENTRATED LOAD REQUIREMENTS.
7. REFER TO MANUFACTURERS' INSTALLATION GUIDE FOR JOIST BRACING DURING ERECTION. REFER TO MANUFACTURERS' INSTALLATION GUIDE FOR JOIST BRIDGING REQUIREMENTS.

SAWN LUMBER
1. ALL GRADES OF LUMBER INDICATED ON STRUCTURAL DRAWINGS SHALL BE RATED BY THE SOUTHERN PINE INSPECTION BUREAU (SPIB), OR THE WESTERN WOOD PRODUCTS ASSOCIATION (WWPA). LUMBER GRADES SHALL BE AS FOLLOWS, WITH A MAXIMUM MOISTURE CONTENT OF 19%:
   - A. DOUGLAS FIR-LARCH NO. 2.
2. BOLT HEADS AND NUTS BEARING ON WOOD SHALL BE PROVIDED WITH STANDARD CUT WASHERS. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
3. MINIMUM NAILED CONNECTIONS FOR WOOD FRAMING MEMBERS SHALL BE IN ACCORDANCE WITH THE LOCAL BUILDING CODE OR TABLE 2304.9.1 OF THE CALIFORNIA BUILDING CODE IF NO OTHER CRITERIA IS GIVEN.
4. CONNECTORS SHOWN ON THE DETAILS ARE MANUFACTURED BY SIMPSON. WRITTEN APPROVAL BY ENGINEER REQUIRED FOR SUBSTITUTIONS.

ROOF & WALL SHEATHING
1. ALL SHEATHING SHALL CONFORM TO AMERICAN PLYWOOD ASSOCIATION (APA) DESIGN SPECIFICATIONS, LATEST EDITION. SHEATHING SHALL BE CONTINUOUS OVER THREE ADJACENT SPANS MINIMUM.
2. WALL SHEATHING (NON-SHEAR WALL) SHALL BE 15/32" (1/2" NOMINAL) APA RATED SHEATHING, EXPOSURE 1, 32/16. ALL WALL SHEATHING SHALL BE FASTENED TO SUPPORTING MEMBERS W/ 8d COMMON NAILS @ 6" O.C. AT PANEL EDGES (E.N.) AND 12" O.C. AT INTERMEDIATED SUPPORTS, U.N.O.. REFER TO SHEET S3.2 FOR SHEATHING INFORMATION AT SHEAR WALLS.
3. ROOF SHEATHING SHALL BE 7/8" NOMINAL APA RATED SHEATHING, BLOCKED, EXPOSURE 1, 48/24. ALL ROOF SHEATHING SHALL BE FASTENED TO SUPPORTING MEMBERS W/10d COMMON NAILS @ 6" O.C. AT PANEL EDGES (E.N.), AND 12" O.C. AT INTERMEDIATE SUPPORTS. U.N.O.

MASONRY
CONCRETE BLOCK DESIGN AND CONSTRUCTION SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES," TMS 402/ACI 530/ASCE 5 AND "SPECIFICATIONS FOR MASONRY STRUCTURES" (TMS 602/ACI 530.1/ASCE 6)

1. MASONRY MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS:
   - A. HOLLOW LOAD BEARING CONCRETE BLOCK: ASTM C-90. MINIMUM COMPRESSIVE STRENGTH = 2800 PSI AT 28 DAYS.
   - B. MORTAR: ASTM C-270, TYPE S. MINIMUM COMPRESSIVE STRENGTH = 1800 PSI AT 28 DAYS.
   - C. MORTAR: ASTM C-270, TYPE M. MINIMUM COMPRESSIVE STRENGTH = 2500 PSI AT 28 DAYS. (USED FOR BELOW GRADE WORK)
   - D. GROUT: ASTM C-476. MINIMUM COMPRESSIVE STRENGTH = 2000 PSI AT 28 DAYS
   - E. MASONRY REINFORCEMENT: ASTM A-82 GALVANIZED (JOINT BEDS, TIES)
   - F. MASONRY PRISM STRENGTH: F'm = 2000 PSI
2. PRIOR TO DELIVERY OF MASONRY UNITS TO THE JOB SITE, FURNISH TO THE OWNER AFFIDAVITS FROM AN APPROVED TESTING LABORATORY CERTIFYING THAT ALL UNITS CONFORM TO THEIR RESPECTIVE ASTM REQUIREMENTS.
3. SOLID GROUT ALL CELLS IN LIFTS NOT TO EXCEED 5'-4".
4. LABORATORY PREPARED MIXES SHALL BE PREPARED AND TESTED IN ACCORDANCE WITH ASTM C-270. FIELD MORTAR SHALL BE TESTED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH ASTM C-780 TWO SETS OF THREE MORTAR CUBES SHALL BE TAKEN DIRECTLY FROM THE MIXER FOR EACH DAY OF MASONRY WORK. TEST THE CUBES AT 28 DAYS. ACCEPTANCE OF THE MORTAR SHALL BE AT THE DISCRETION OF THE ENGINEER.
5. CALCIUM CHLORIDE AND/OR ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE INCLUDED IN MORTAR OR GROUT MIX, EXCEPT WHEN APPROVED IN WRITING BY THE STRUCTURAL ENGINEER. NO ANTI FREEZE COMPOUNDS SHALL BE USED TO LOWER THE MORTAR'S FREEZING POINT.
6. NO EXTERIOR MASONRY SHALL BE LAID WHEN THE OUTSIDE AIR TEMPERATURE IS LESS THAN 40 DEGREES FAHRENHEIT, UNLESS THE RECOMMENDATIONS SPECIFIED BY THE BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" TMS 402/ACI 530/ASCE 5 AND "SPECIFICATIONS FOR MASONRY STRUCTURES" (TMS 602/ACI 530.1/ASCE 6) FOR COLD WEATHER CONSTRUCTION ARE STRICTLY FOLLOWED.
7. THE MASONRY CONTRACTOR SHALL PROVIDE BRACING TO WITHSTAND HORIZONTAL PRESSURES AS REQUIRED BY THE BUILDING CODE AND LOCAL ORDINANCE.

LIGHT GAGE METAL FRAMING
1. 16 GA. AND HEAVIER STUDS SHALL HAVE A MINIMUM YIELD STRESS OF 50,000 PSI. 18 GA. AND LIGHTER STUDS AND TRACKS SHALL HAVE A MINIMUM YIELD STRESS OF 33,000 PSI.
2. STUDS AND TRACKS SHALL BE 18 GA. MINIMUM U.N.O. THEY SHALL BE MANUFACTURED BY DIETRICH INDUSTRIES, INC. OR APPROVED EQUAL.
3. PROVIDE DOUBLE STUDS FOR FULL HEIGHT OF WALL EACH SIDE OF ALL OPENINGS UNLESS OTHERWISE NOTED. WELD STUDS TO EACH OTHER WITH 1 1/2" LONG 1/8" FILLET WELDS AT 12" O.C. EACH SIDE. PROVIDE STUD TRACK AT EACH HEAD AND SILL.
4. REFER TO PLANS AND DETAILS FOR CONNECTION OF STUD WALLS TO FOUNDATION, FLOOR OR ROOF.

SHOP DRAWINGS
1. SHOP DRAWING SUBMITTALS SHALL BE SUBMITTED ELECTRONICALLY.
2. SHOP DRAWINGS SHALL BE REVIEWED BY CONTRACTOR TO VERIFY THAT SUBMITTAL IS COMPLETE PRIOR TO SUBMITTING TO ARCHITECT/ENGINEER.
3. DRAWINGS CREATED BY THE ENGINEER OF RECORD CANNOT BE REPRODUCED AND/OR USED AS A SHOP DRAWING SUBMITTAL. SHOP DRAWING SUBMITTALS SHALL INCLUDE THE FOLLOWING:
   - A. CONCRETE MIX DESIGN
   - B. FOUNDATION REINFORCING BARS
   - C. STRUCTURAL STEEL
   - D. OPEN WEB JOISTS AND CALCULATIONS
   - E. ROOF SHEATHING
   - F. CANOPY SYSTEM & CALCULATIONS

SPECIAL INSPECTIONS
1. SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 1705 OF IBC AND THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED UNDER SECTION 1705. THE FOLLOWING AREAS OF WORK REQUIRE SPECIAL INSPECTIONS IN ACCORDANCE WITH THE LISTED 2019 CALIFORNIA BUILDING CODE SECTIONS/LOCATIONS:
   - A. SOILS - SECTION 1705.6 PER TABLE 1705.6
   - B. CONCRETE - SECTION 1705.3 PER TABLE 1705.3
   - C. STEEL - SECTION 1705.2 (SEE AISC 360.10)
   - D. MASONRY - SECTION 1705.4
   - E. WOOD - SECTION 1705.5

MISCELLANEOUS
1. ALL DIMENSIONS ON STRUCTURAL DRAWINGS TO BE CHECKED AGAINST ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS BY THE GENERAL CONTRACTOR AND ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT IMMEDIATELY.
2. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY, UNRELIEVED BY REVIEW OF SHOP DRAWINGS OR PERIODIC OBSERVATION OF CONSTRUCTION, FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS, FOR FABRICATION PROCESSES AND CONSTRUCTION TECHNIQUES, AND FOR SAFE CONDITIONS ON THE JOB SITE.
3. DO NOT SCALE THE DRAWINGS.

CONCRETE BLOCK JOINT REINFORCEMENT:

ALL CONCRETE BLOCK WALLS TO RECEIVE THE FOLLOWING JOINT REINFORCEMENT:
LADDER TYPE JOINT REINFORCING WITH SIDE AND CROSS RODS WITH WIRE SIZE (W2.8 OR 3/16"Ø) SPACED 16" O.C. VERTICALLY. (HOHMANN & BARNARD 220 "SUPER HEAVY DUTY" OR EQUAL) SIMILAR FOR CONCRETE BRICK PRODUCTS.

1 / SN1 — CONCRETE BLOCK JOINT REINFORCEMENT

STRUCTURAL INDEX

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning | Engineering | Public Works | Fire | Traffic

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	KK
1	03/20/25	PLAN CHECK COMMENTS	KK

Professional of Record:

WCD
916-251-9798 | WWW.WCDSTUDIOS.COM
6930 DESTINY DRIVE SUITE #300, ROCKLIN, CA 95677

PRCNC20241917

WESLEY CULLUMBER — STATE OF WASHINGTON — 56676 — REGISTERED PROFESSIONAL ENGINEER
Seal

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY	STD ISSUE DATE
ML	12/10/24
REVIEWED BY	DATE ISSUED
KK	03/20/25

TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

DESCRIPTION
2024 STANDARD BUILDING - WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID: 046-1180 | SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

046-1180.00.0
SN1
STRUCTURAL NOTES & SPECIFICATIONS

MCD24092.0 – PUYALLUP, WA

Z:\PROJECTS\E PIONEER\PV_PM\MCD#46117-NEW_(CN1121)\CAD - STRUCTURAL\E PIONEER\PV_PM.MCD#46117-NEW_(CN1121)24.DWG 3/20/2025 4:08 PM EMMA.BROWN

STATEMENT OF SPECIAL INSPECTIONS:

PER INTERNATIONAL BUILDING CODE, CHAPTER 17, SPECIAL INSPECTIONS ARE REQUIRED FOR STANDARD BUILDINGS. THE SEISMIC AND WIND-FORCE-RESISTING SYSTEM USED IS A LIGHT-FRAME (WOOD) WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE. THE STRUCTURE WILL REQUIRE SPECIAL INSPECTIONS BE PERFORMED ON THE SEISMIC-FORCE-RESISTING SYSTEM. THE OWNER IS REQUIRED TO CONTRACT WITH A QUALIFIED SPECIAL INSPECTION AGENCY MEETING THE REQUIREMENTS OF IBC 1704.2.1 AND THE STATE OF WASHINGTON . THE OWNER WILL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING THE SPECIAL INSPECTIONS DURING THE CONSTRUCTION WORK AS REQUIRED PER THE BELOW TABLE. OWNER IS TO PROVIDE BUILDING DEPARTMENT WITH REQUIRED NOTIFICATIONS UPON COMPLETION OF SPECIAL INSPECTION WITH DOCUMENTATION FROM THE SPECIAL INSPECTION AGENCY. ENGINEER OF RECORD IS TO BE NOTIFIED IF ANY VARIATIONS TO PLANS HAVE BEEN DONE DURING THE CONSTRUCTION OF THE ABOVE NOTED FORCE-RESISTING-SYSTEM.

STRUCTURAL STEEL: SPECIAL INSPECTIONS AND NONDESTRUCTIVE TESTING OF STRUCTURAL STEEL ELEMENTS IN BUILDING, STRUCTURES, AND PORTIONS THEREOF SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTIONS REQUIREMENTS OF AISC360

IBC 2021 TABLE 1705.6- REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS

TYPE	CONT.	PERIODIC	REQ'D
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	---	X	---
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	---	X	---
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	---	X	---
4. DURING FILL PLACEMENT, VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	---	---
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	---	X	---

IBC 2018 TABLE 1705.3- REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS					
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS	X	---	ACI 318: 17.8.2.4	---	---
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.A	---	X	ACI 318: 17.8.2		---

REQUIRED SPECIAL INSPECTIONS FOR WOOD CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD
1. Wood framed shear walls with panel edge nail spacing 4" oc or less:			IBC1705.11.1 IBC1705.12.2
• Anchor bolt size and spacing, including plate washers	---	X	
• Sill plate size	---	X	
• Hold downs locations	---	X	
• Lateral load transfer clips	---	X	
• Straps and nailing	---	X	
• Panel edge nailing	---	X	
• Blocking	---	X	

IBC 2021 TABLE 1705A.2.1- REQUIRED SPECIAL INSPECTIONS AND TESTS OF STEEL CONSTRUCTION

TYPE	CONT.	PERIODIC	REF. STD.	CBC REF.	REQ'D
MATERIAL IDENTIFICATION OF WELDING CONSUMABLES AND TESTING OF WELDED ELEMENTS					
A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	---	X	AISC 360, A3.5 & N3.2 AND APPLICABLE AWS A5 DOCUMENTS	---	---
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED	---	X	AISC 360: N3.2	---	---
C. NONDESTRUCTIVE TESTING OF WELDED JOINTS	---	---	AISC 360: N5.5	---	---

TYPE	CONT.	PERIODIC	REF. STD.	CBC REF.	REQ'D
MATERIAL IDENTIFICATION AND TESTING OF STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:					
A. FOR STRUCTURAL STEEL, IDENTIFICATION MARKINGS TO CONFORM TO AISC 360	---	X	A: AISC 360: A3.1	2202A.1, [DSA-SS/CC] 2202.1	---
B. FOR OTHER STEEL, IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS	---	X	APPLICABLE ASTM RCSC: MATERIAL STANDARDS	2202A.1, [DSA-SS/CC] 2202.1	---
C. MANUFACTURER'S CERTIFIED TEST REPORTS.	---	X	AISC 360: A3.1 & N3.2	---	---
D. TESTING OF UNIDENTIFIED STEEL	---	---	APPLICABLE ASTM MATERIAL STANDARDS	2202A.1, [DSA-SS/CC] 2202.1	---

TYPE	CONT.	PERIODIC	REF. STD.	CBC REF.	REQ'D
MATERIAL IDENTIFICATION OF WELDING CONSUMABLES AND TESTING OF WELDED ELEMENTS					
A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	---	X	AISC 360, A3.5 & N3.2 AND APPLICABLE AWS A5 DOCUMENTS	---	---
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED	---	X	AISC 360: N3.2	---	---
C. NONDESTRUCTIVE TESTING OF WELDED JOINTS	---	---	AISC 360: N5.5	---	---

TMS 602-16 - TABLE 4 MINIMUM SPECIAL INSPECTION REQUIREMENTS

MINIMUM INSPECTION - LEVEL 2						
INSPECTION TASK	FREQUENCY			REF. FOR CRITERIA		
	LEVEL 1	LEVEL 2	LEVEL 3	TMS 402	TMS 602	
1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:						
A. PROPORTIONS OF SITE PREPARED MORTAR	NR	P	P	--	ART. 2.1, 2.6 A, 2.6 C	
B. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES	NR	P	P	--	ART. 2.4 B & 2.4 H	
C. GRADE, TYPE, AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES	NR	P	P	--	ART. 3.4 & 3.6 A	
D. PRESTRESSING TECHNIQUE	NR	P	P	--	ART. 3.6 B	
E. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	NR	C/P	C	--	ART. 2.1 C.1	
F. SAMPLE PANEL CONSTRUCTION	NR	P	C	--	ART. 1.6 D	
2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:						
A. GROUT SPACE	NR	P	C	--	ART. 3.2 D&F	
B. PLACEMENT OF PRESTRESSING TENDONS AND ANCHORAGES	NR	P	P	Sec. 10.8 & 10.9	ART. 2.4 & 3.6	
C. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS.	NR	P	C	Sec. 6.1, 6.3.1, 6.3.6, & 6.3.7	ART. 3.2 E & 3.4	
D. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS	NR	P	P	--	ART. 2.6 B & 2.4 G.1.b	
3. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:						
A. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS.	NR	P	P	--	ART 1.5	
B. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION	NR	P	P	--	ART 3.3 B	
C. SIZE AND LOCATION OF STRUCTURAL MEMBERS.	NR	P	P	--	ART 3.3 F	
D. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION.	NR	P	C	SEC. 1.2.1(e), 6.2.1 & 6.3.1	--	
E. WELDING OF REINFORCEMENT	NR	C	C	SEC. 6.1.6.1.2	--	
F. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMP BELOW 40 DEGREES) OR HOT WEATHER (TEMP ABOVE 90 DEGREES)	NR	P	P	--	ART 1.8 C & 1.8 D	
G. APPLICATION OF MEASUREMENT OF PRESTRESSING FORCE	NR	C	C	--	ART 3.6 B	
H. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE	NR	C	C	--	ART 3.5 & 3.6 C	
I. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS	NR	C/P	C	--	ART 3.3 B.9 & 3.3 F.1.b	

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	KK
1	03/20/25	PLAN CHECK COMMENTS	KK

Professional of Record:

WCD
916-251-9798 | WWW.WESTCOASTDESIGNSOLUTIONS.COM
6930 DESTINY DRIVE SUITE #300,
ROCKLIN, CA 95677

PRCNC20241917

WESLEY CULLUMBER · STATE OF WASHINGTON · 56676 · REGISTERED PROFESSIONAL ENGINEER

Seal

PREPARED FOR:

McDonald's USA, LLC

DRAWN BY	STD. ISSUE DATE
ML	12/10/24
REVIEWED BY	DATE ISSUED
KK	03/20/25

TITLE: 2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA

DESCRIPTION: 2024 STANDARD BUILDING - WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID: 046-1180

SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

046-1180.00.0
SN2
STATEMENT OF SPECIAL INSPECTIONS

MCD24092.0 — PUYALLUP, WA

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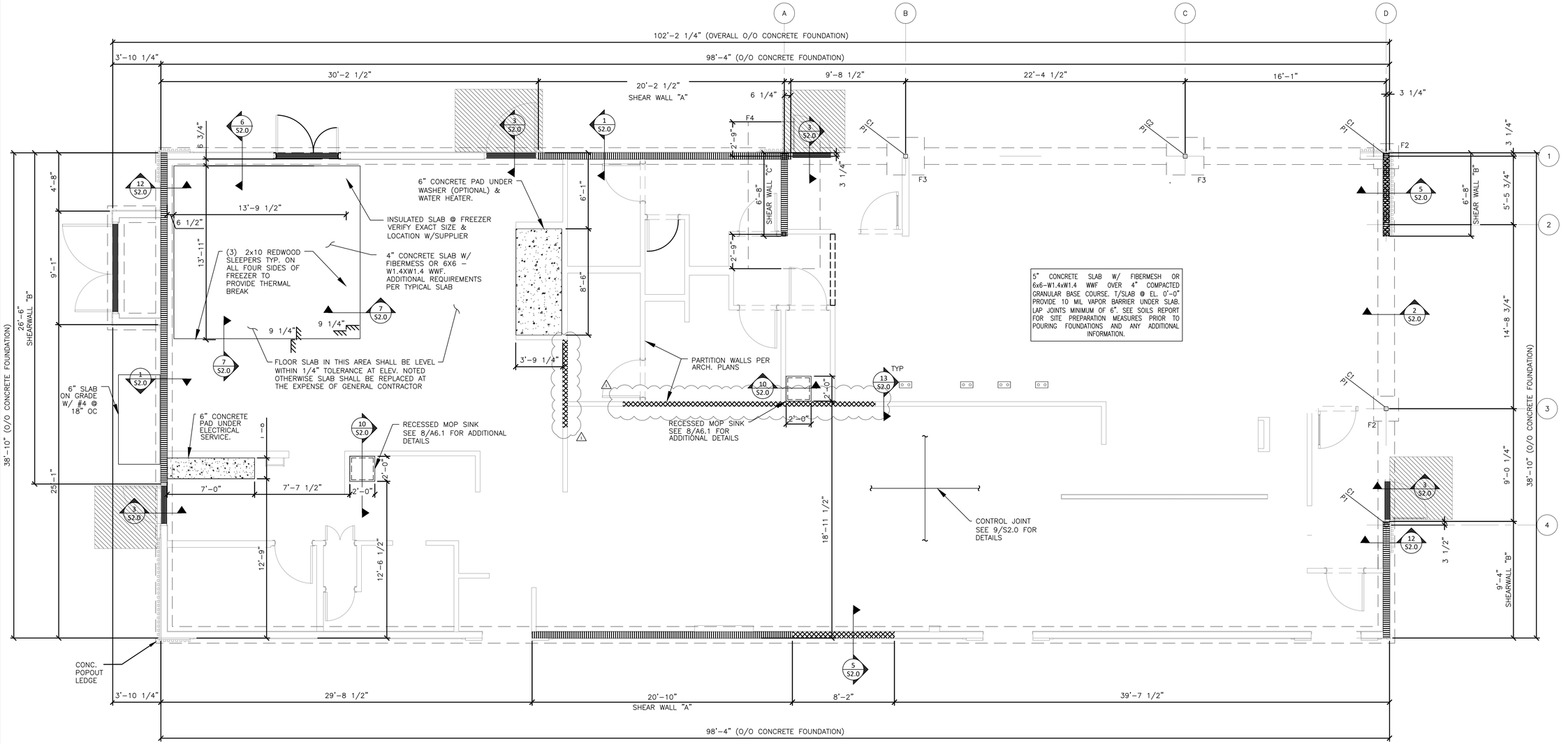

GENERAL FOUNDATION NOTES

INDICATES FRAME SHEAR WALL. SEE 1/S3.2 FOR SHEAR WALL INFORMATION

INDICATES DEPRESSION IN FOUNDATION WALL @ DOORS. SEE 3/S2.0 FOR THRESHOLD DETAILS.

INDICATES METAL STUD FRAME WALL AT HOOD LOCATIONS. COORDINATE W/ MECH. SEE 5/S2.0 FOR DETAILS.

NOTES:

1. TOP OF FOOTING @ EL. (-1'-6") UNLESS NOTED OTHERWISE.
2. TOP OF PIER @ EL. (-0'-8") UNLESS NOTED OTHERWISE.
3. SEE SHEET SN1 FOR GENERAL STRUCTURAL NOTES.
4. PROVIDE POSITIVE DRAINAGE TO ALL FLOOR DRAINS/SINKS (MIN 6") BEYOND DRAIN) SEE PLUMBING DRAWINGS FOR EXACT LOCATIONS
5. SEE 11/S2.0 FOR TYPICAL CORNER BAR DETAILS.
6. MINIMUM REQUIREMENTS FOR SILL PLATE CONNECTION TO FOUNDATION:
   MINIMUM # OF BOLTS = 2 PER PIECE OF SILL
   MAXIMUM DISTANCE FROM END OF SILL TO ANCHOR = 12"
   MINIMUM DISTANCE FROM END OF SILL TO ANCHOR = 4"
7. WHERE SILL PLATES ARE NOT CONTINUOUS AT ALL LOCATIONS EXCEPT SHEAR WALLS, USE SIMPSON "RPS22Z" TIE FOR NOTCH < 5 1/2", USE SIMPSON "RPS28Z" FOR NOTCH < 12", W/ 16d NAILS INTO SILL PLATE ENDS. (MAX. SPACING BETWEEN STUDS = 16" O.C.)
8. WHERE SILL PLATES ARE NOT CONTINUOUS AT SHEAR WALLS, CONTACT ENGINEER OF RECORD FOR RESPONSE.
9. TYPICAL DETAILS PER:
   4/S2.0 TYPICAL REINFORCING BAR BENDS
   11/S2.0 CORNER BAR DETAILS
   14/S2.0 LAP SPLICE AND DEVELOPMENT LENGTH SCHED

FOOTING SCHEDULE

MARK	SIZE	REINFORCING
F1	16"WX10" DP	(2) #4 CONT
F2	24"X24"X12"	(3) #4 E.W.
F3	36" X 36" X 12"	(4) #4 E.W.
F4	11' 9"X 5' 9" X 30"	(15) #5 T&B

COLUMN & BASE PLATE SCHEDULE

MARK	MEMBER	SHAPE	BASE PLATE	REMARKS
C1	HSS4x4x1/4		A/B	EXTEND TO ROOF
C2	HSS4x4x5/16		A	EXTEND TO ROOF

PIER SCHEDULE

MARK	SIZE	REINFORCING	REMARKS
P1	1'-0"X1'-4"	4-#6 VERT #4 TIES @ 6" OC	SEE DETAIL 8/S2.0

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1/S1.0 FOUNDATION PLAN
1/4"=1'–0"

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	KK
1	03/20/25	PLAN CHECK COMMENTS	KK

Professional of Record:

WCD
916-251-9798 | WWW.WCDSUITES.COM
6930 DESTINY DRIVE SUITE #300,
ROCKLIN, CA 95677

PRCNC20241917

WESLEY CULLUMBER
STATE OF WASHINGTON
56676
REGISTERED
PROFESSIONAL ENGINEER
Seal

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY: ML
STD ISSUE DATE: 12/10/24
REVIEWED BY: KK
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

046-1180.00.0
S1.0
FOUNDATION PLAN

MCD24092.0 – PUYALLUP, WA

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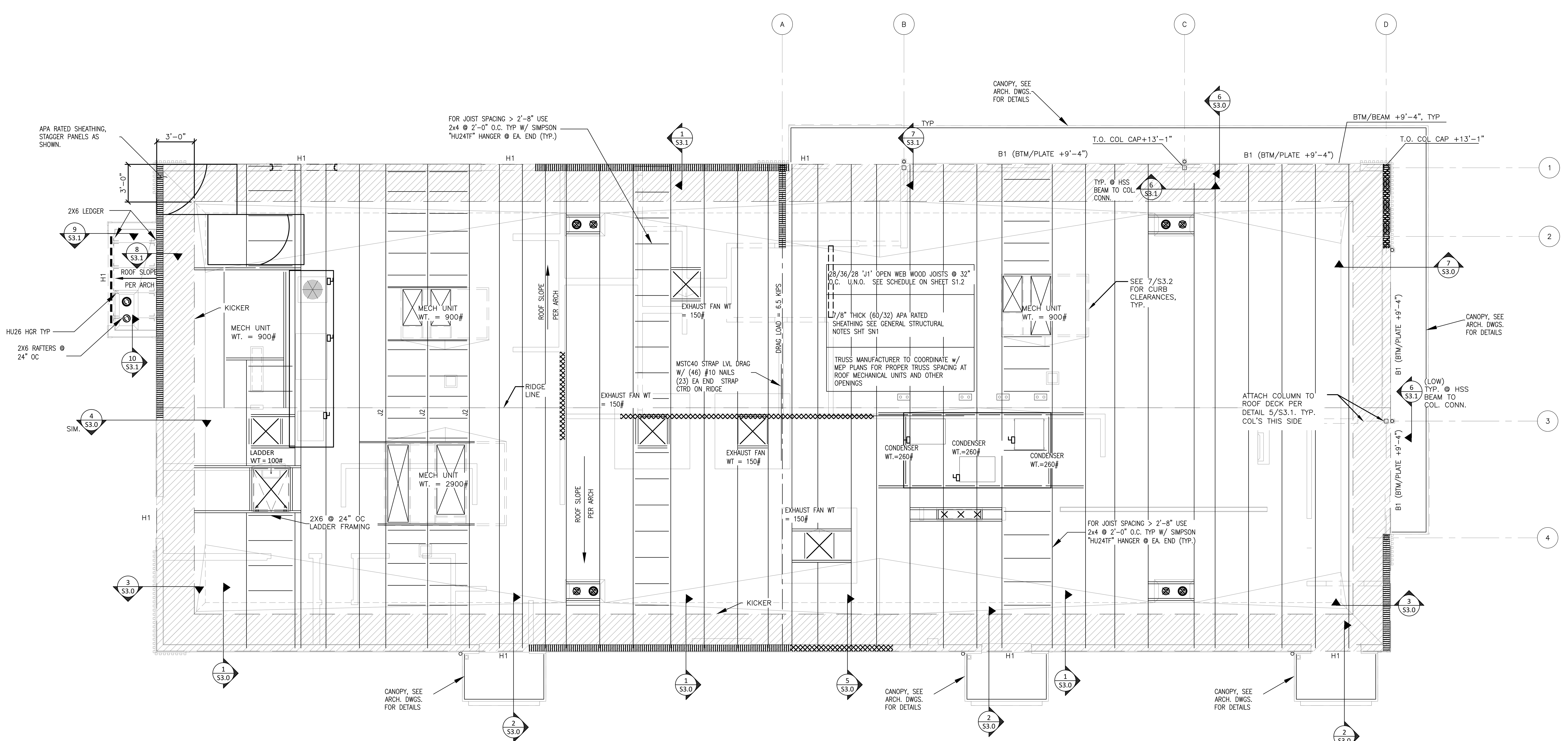

GENERAL ROOF FRAMING NOTES

- INDICATES PARAPET WALL KICKER LOCATION
- INDICATES FRAME SHEAR WALL. SEE 1/S3.2 FOR SHEAR WALL INFORMATION
- INDICATES METAL STUD FRAME WALL 600S162-43 @16" OC. SEE 5/S3.0 FOR DETAILS.
- BEARING WALL STUDS BELOW - TYPICAL AT EXTERIOR
- PARTITION NON-BEARING WALL STUDS BELOW

NOTES:
1. SEE SHEET SN1 FOR GENERAL STRUCTURAL NOTES.
2. R.D.: ROOF DRAINS
3. P.O.: ROOF CURB PORTAL OPENING - COORDINATE WITH MECHANICAL DRAWINGS.
4. WHEN TOP PLATES ARE NOT CONTINUOUS, USE SIMPSON "RPS22" TIE FOR NOTCH < 5 1/2", USE SIMPSON "RPS28" TIES FOR NOTCH < 12", W/ 16d NAILS INTO TOP PLATE ENDS. (MAX. SPACING BETWEEN STUDS = 16" O.C.)
5. TOP PLATE SPLICE SHALL BE MINIMUM LENGTH OF 48" WITH 2 ROWS (2 1/2" APART) OF 22-16d COMMON NAILS SPACED @ 2" ON CENTER (44 TOTAL).

HEADER SCHEDULE

MARK	MEMBER	SHAPE	BEARING
H1	5 1/4"X9 1/2" LVL + L5X3 1/2X5/16 LLV		SEE DETAIL 2/S3.2 6" @ BRG. ANGLE

ROOF JOIST SCHEDULE

MARK	DEAD/ROOF LIVE LOAD	DEPTH	MANUFACTURER & SERIES
J1	20/20	28"/36"/28"	REDBUILT "RED-L" TYP UNO
J2	20/20	28"/36"/28"	REDBUILT "RED-W"

NOTE: SEE DETAIL 4/S3.2 FOR JOIST DETAILS AND SUPPLIER INFORMATION

City of Puyallup
Development & Permitting Services
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HEADER SCHEDULE

MARK	MEMBER	SHAPE	SUPPORT	REMARKS
B1	HSS 16X4X4 1/4 LLV 1/4" PLATE		1/2" END PLATE	SEE DETAIL 6/S3.1

1/S1.2 FRAMING PLAN
1/4"=1'-0"

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	KK
1	03/20/25	PLAN CHECK COMMENTS	KK

Professional of Record:
WCD
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6930 DESTINY DRIVE SUITE #300, ROCKLIN, CA 95677

PRCNC20241917

Seal: WESLEY CULLUMBER, STATE OF WASHINGTON, 56676, REGISTERED PROFESSIONAL ENGINEER

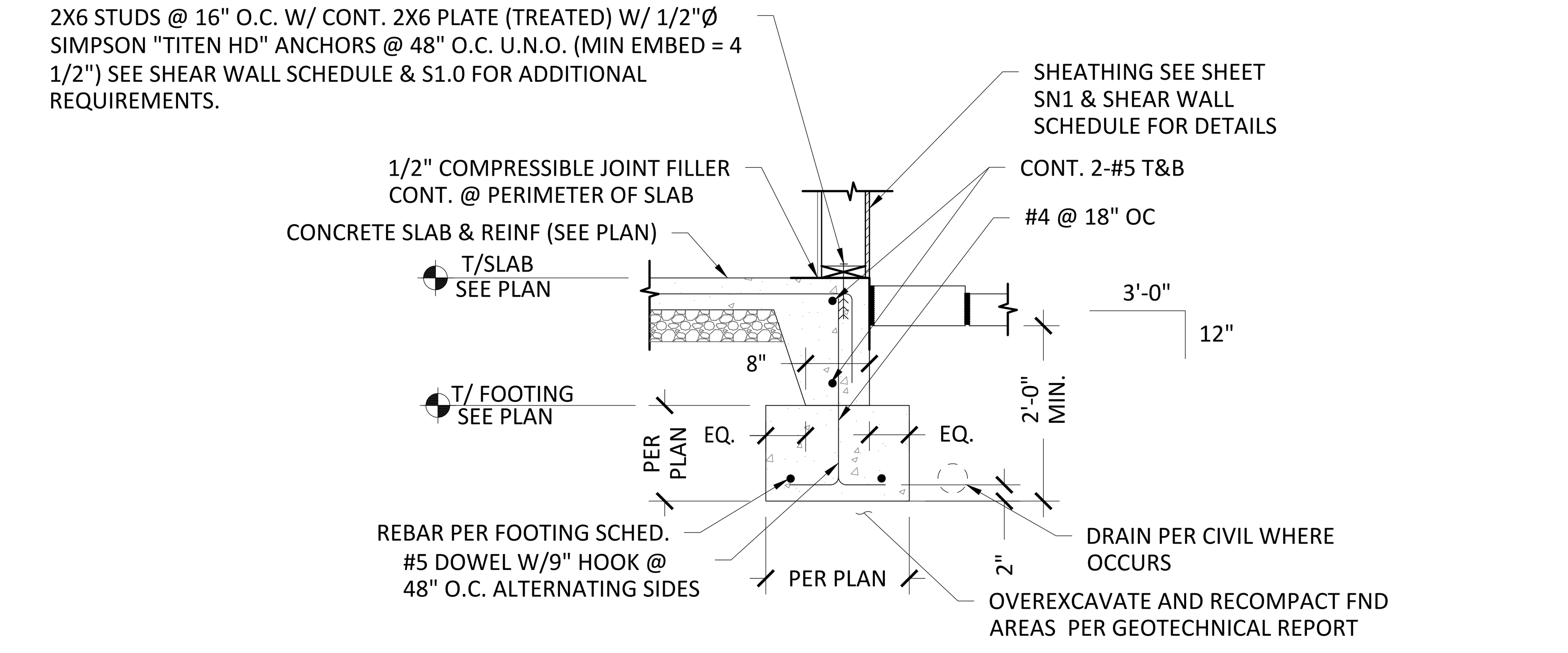
PREPARED FOR: McDonald's USA, LLC

DRAWN BY ML | STD ISSUE DATE 12/10/24 | REVIEWED BY KK | DATE ISSUED 03/20/25

TITLE: 2024 STANDARD BUILDING - BB20, 3898 - PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING - WOOD BEARING WALLS, WOOD ROOF TRUSS FRAMING, STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372
SITE ID: 046-1180

046-1180.00.0
S1.2
ROOF FRAMING PLAN

MCD24092.0 - PUYALLUP, WA



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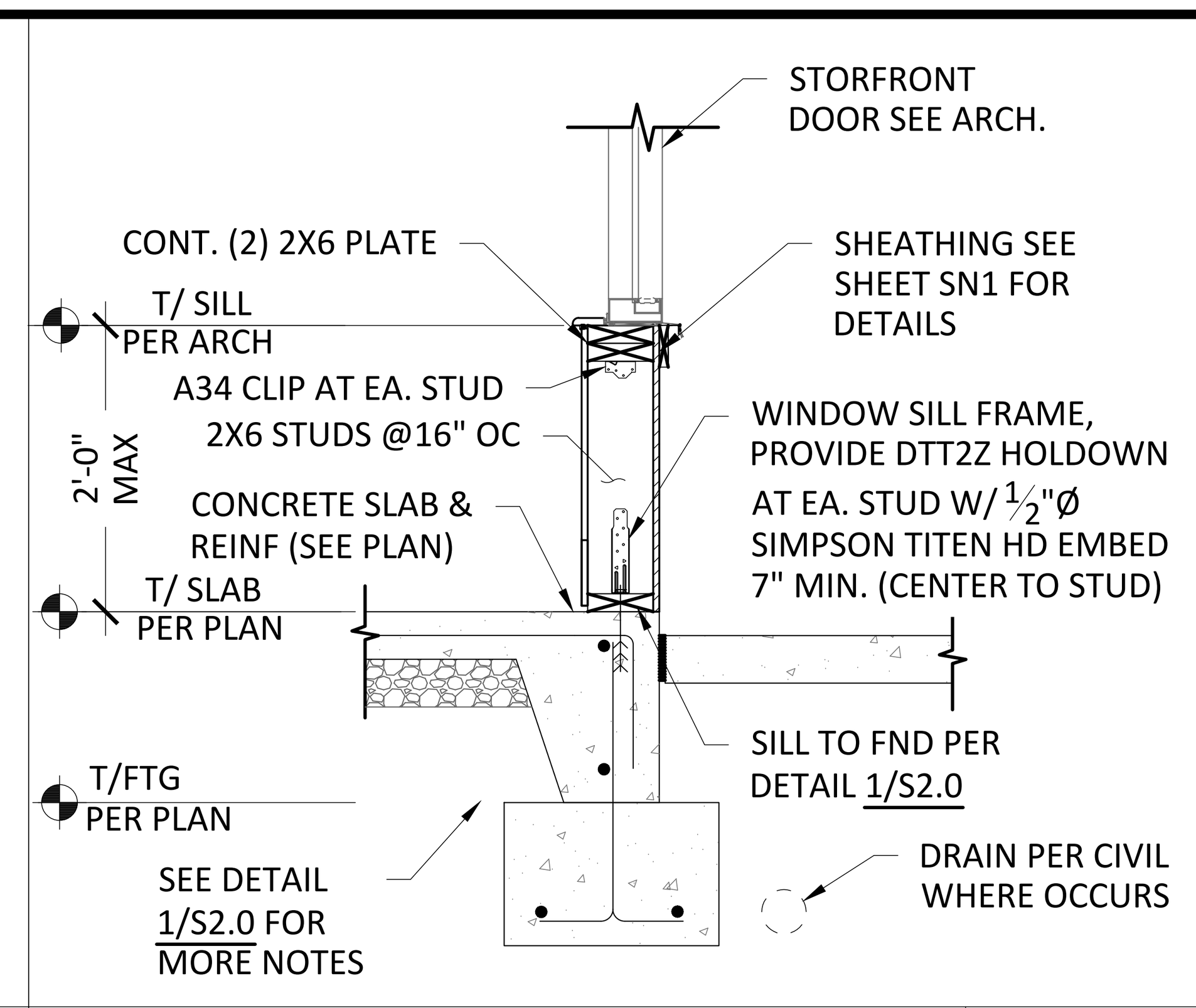

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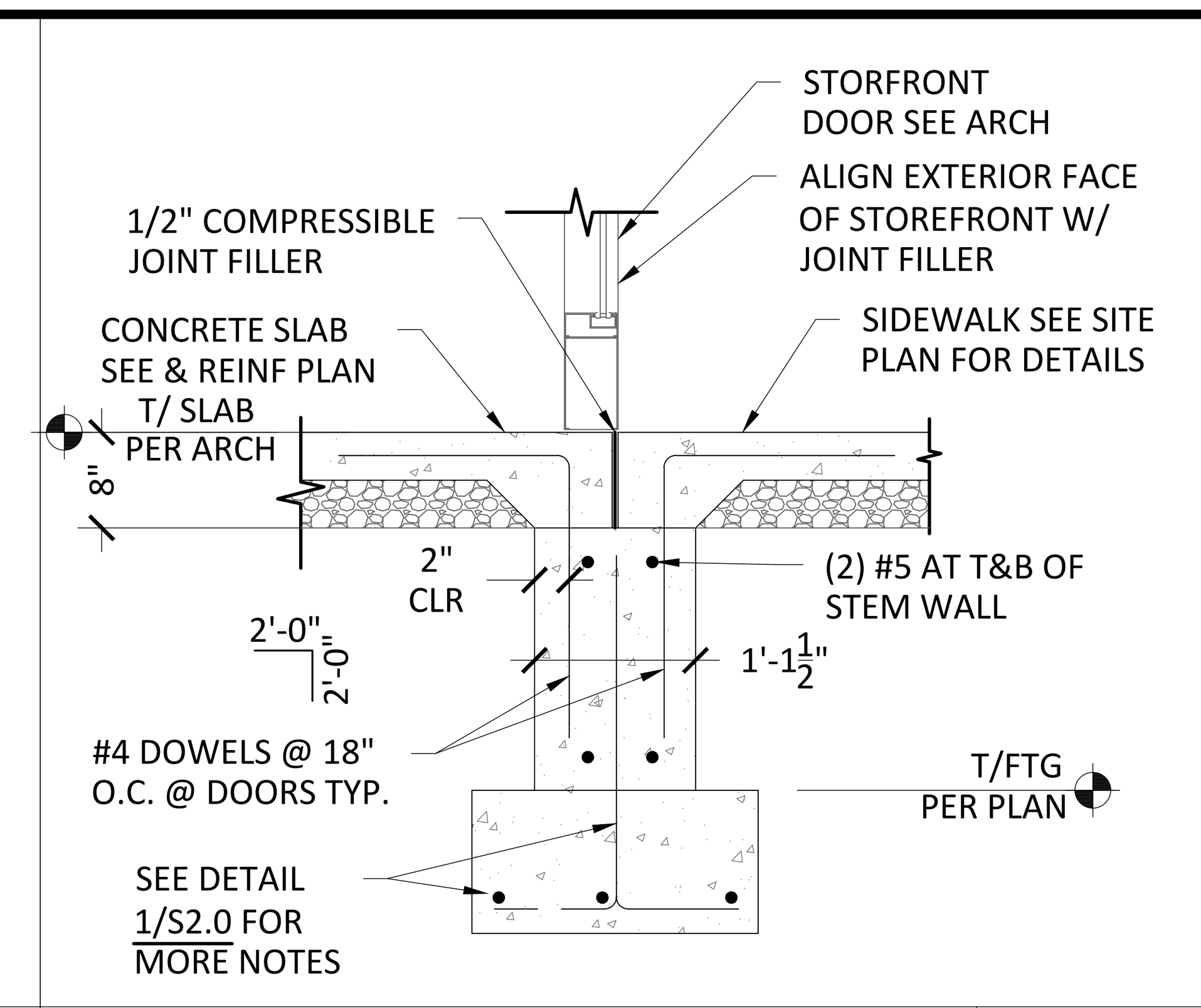

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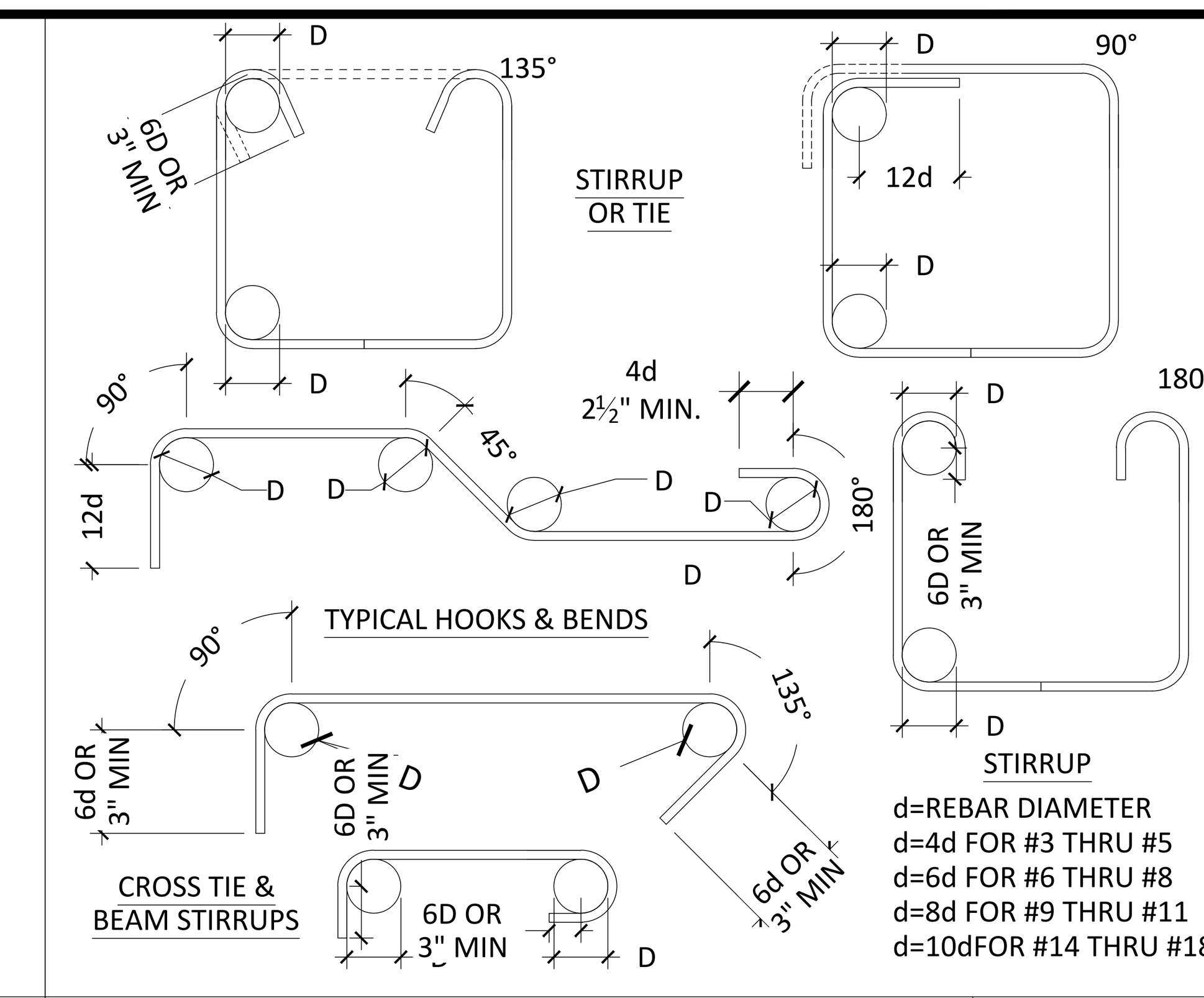
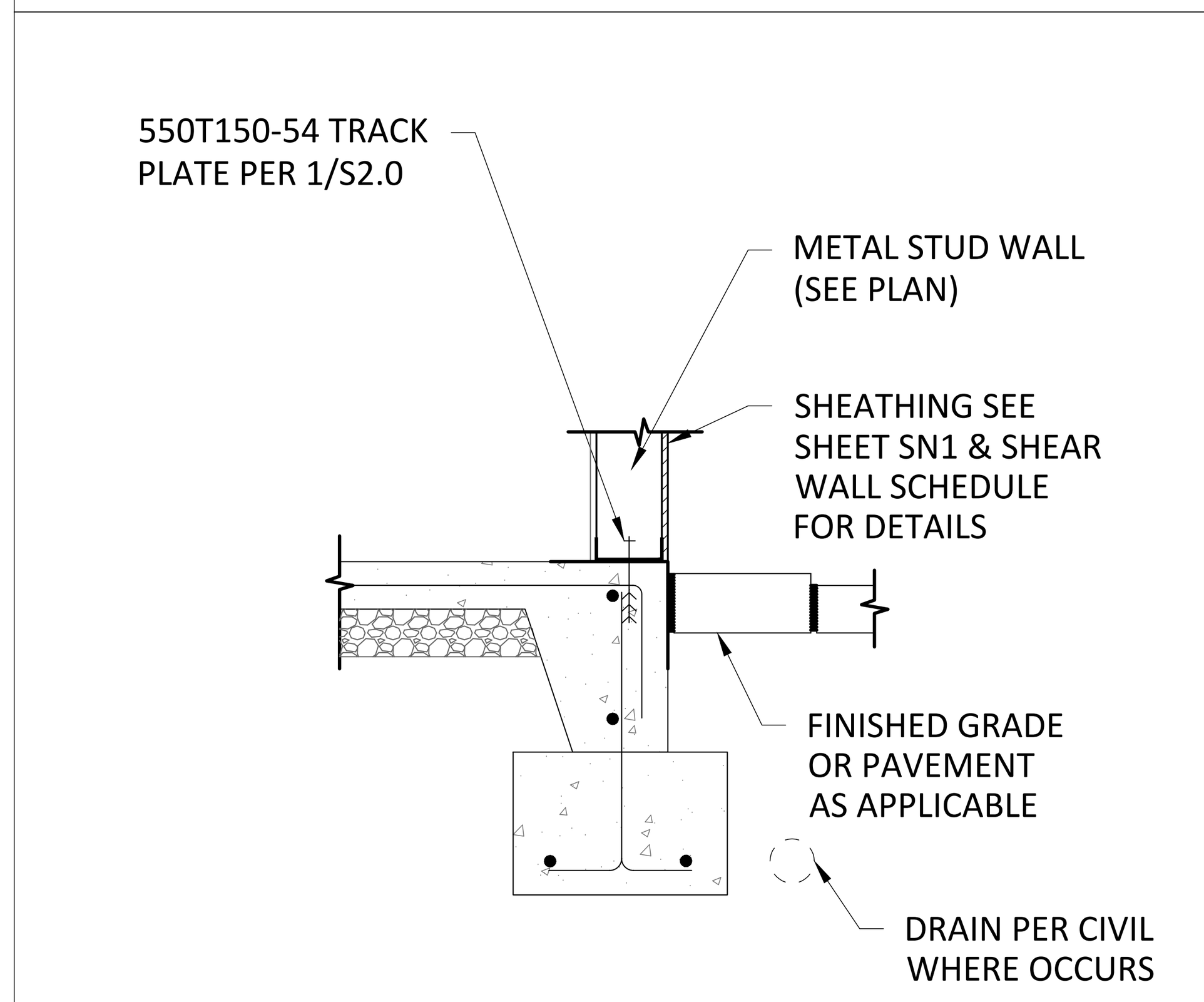


TYPICAL REINFORCING BAR BENDS 4



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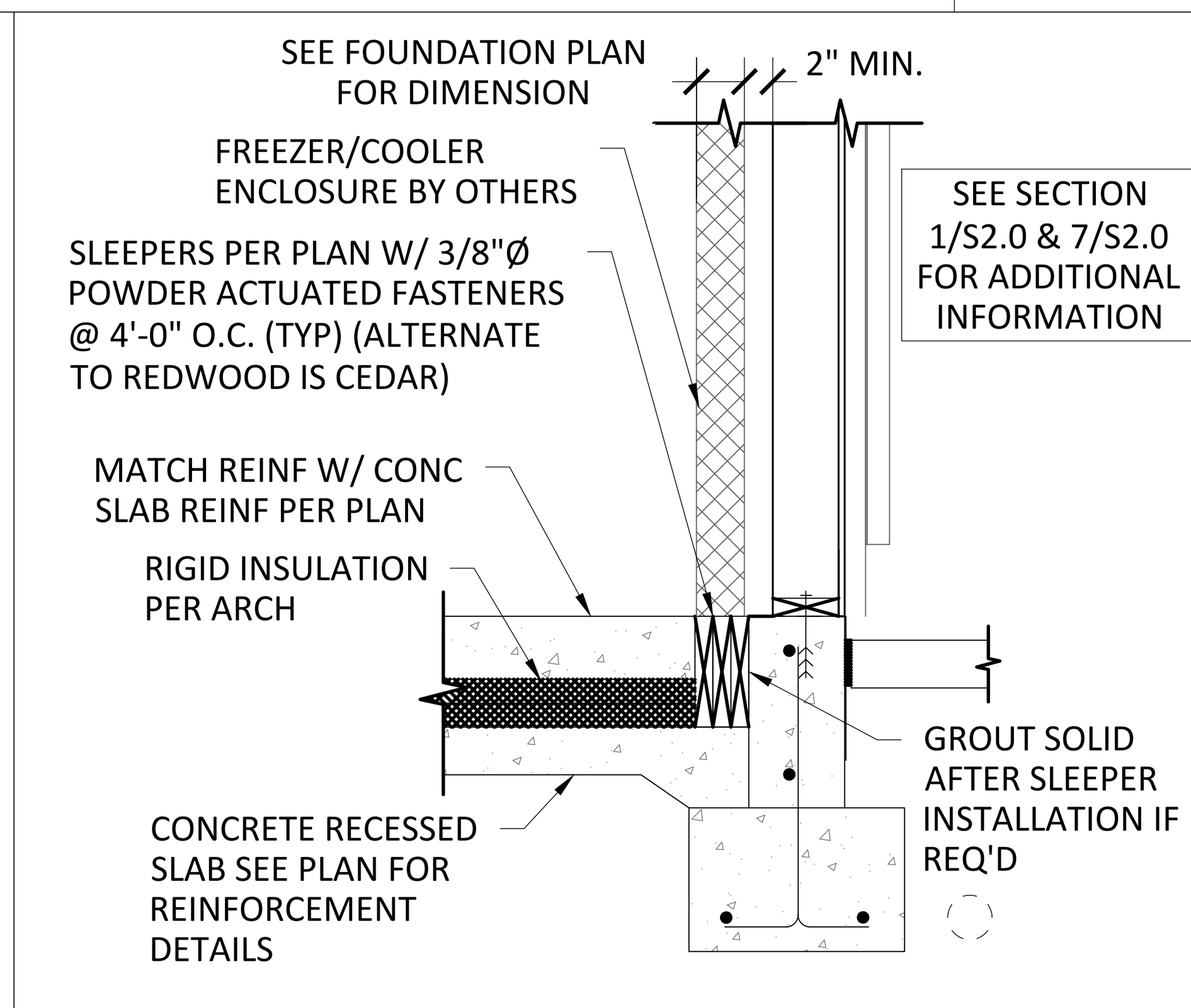

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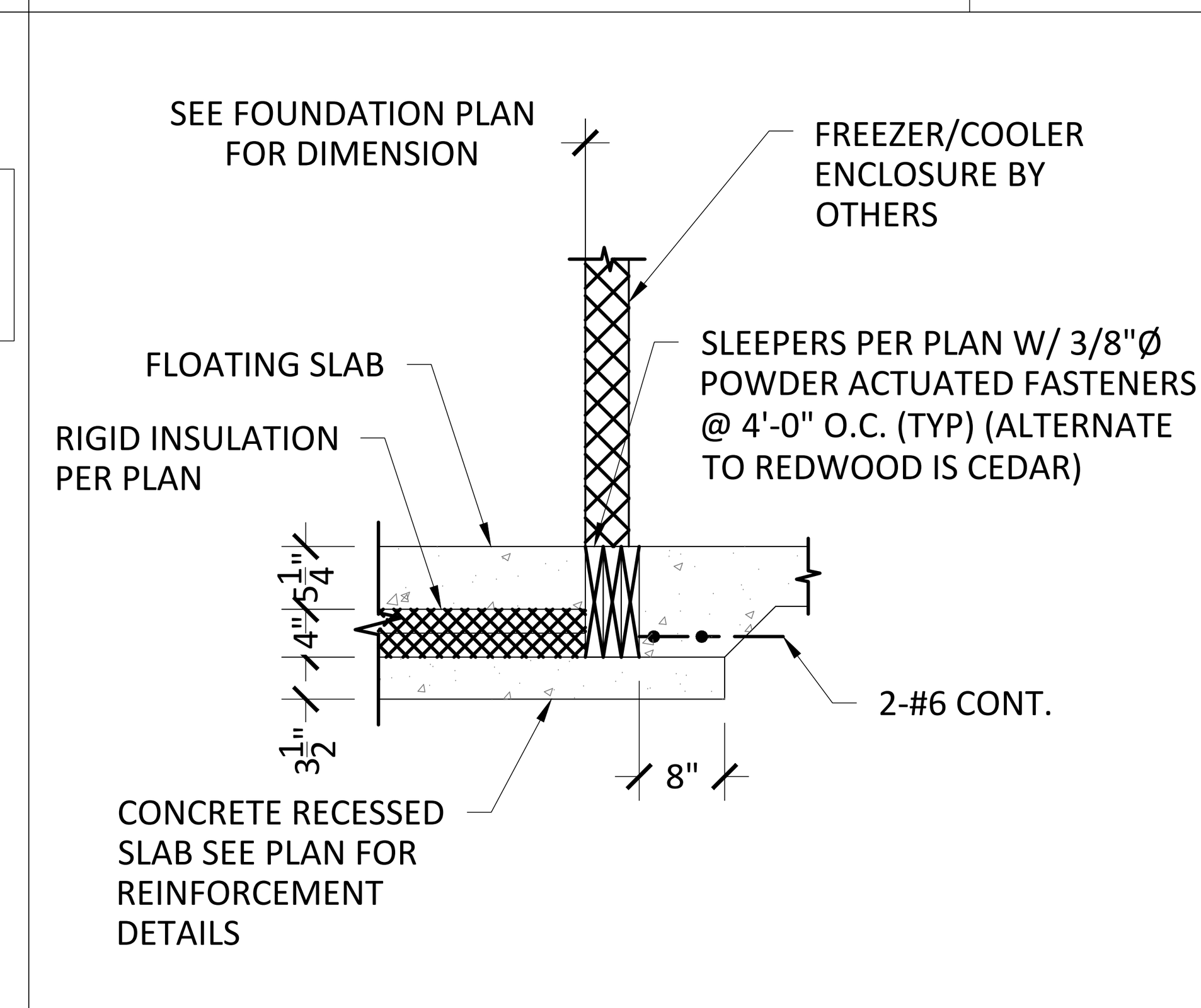

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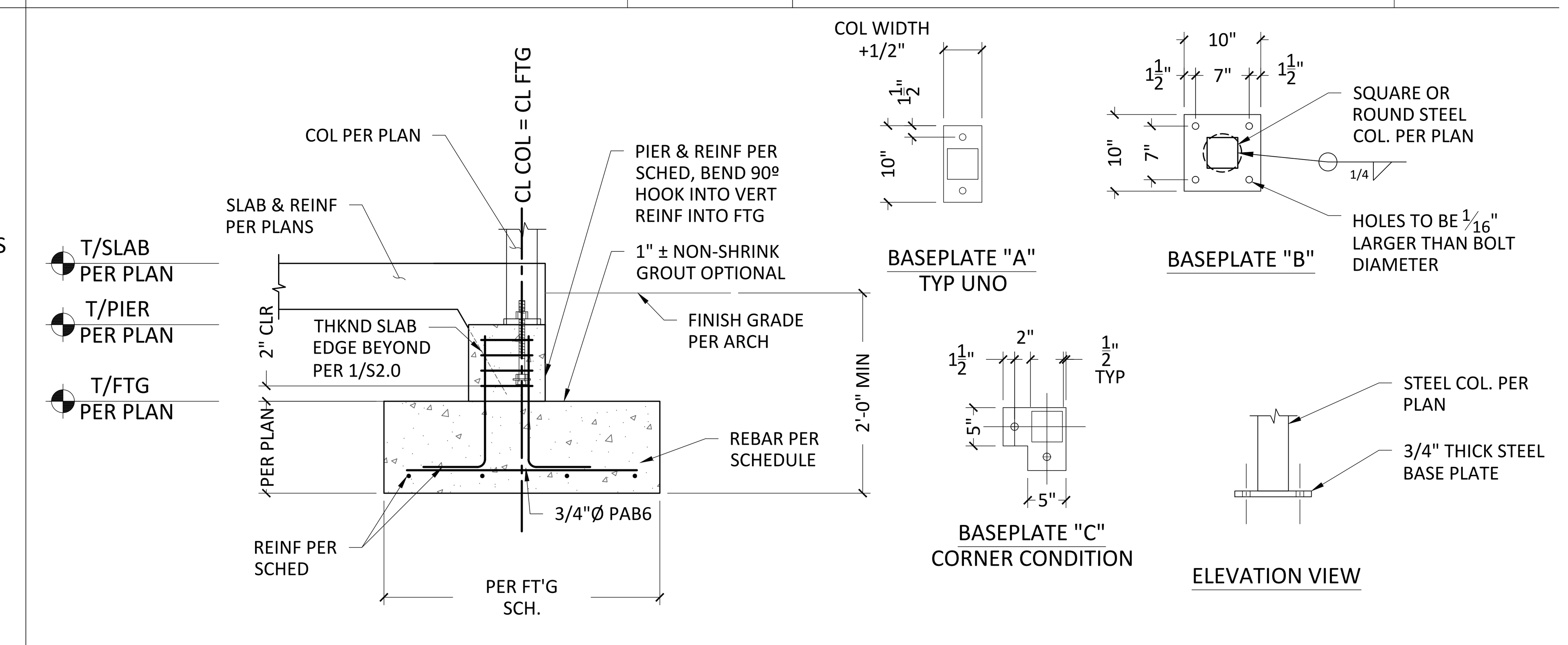

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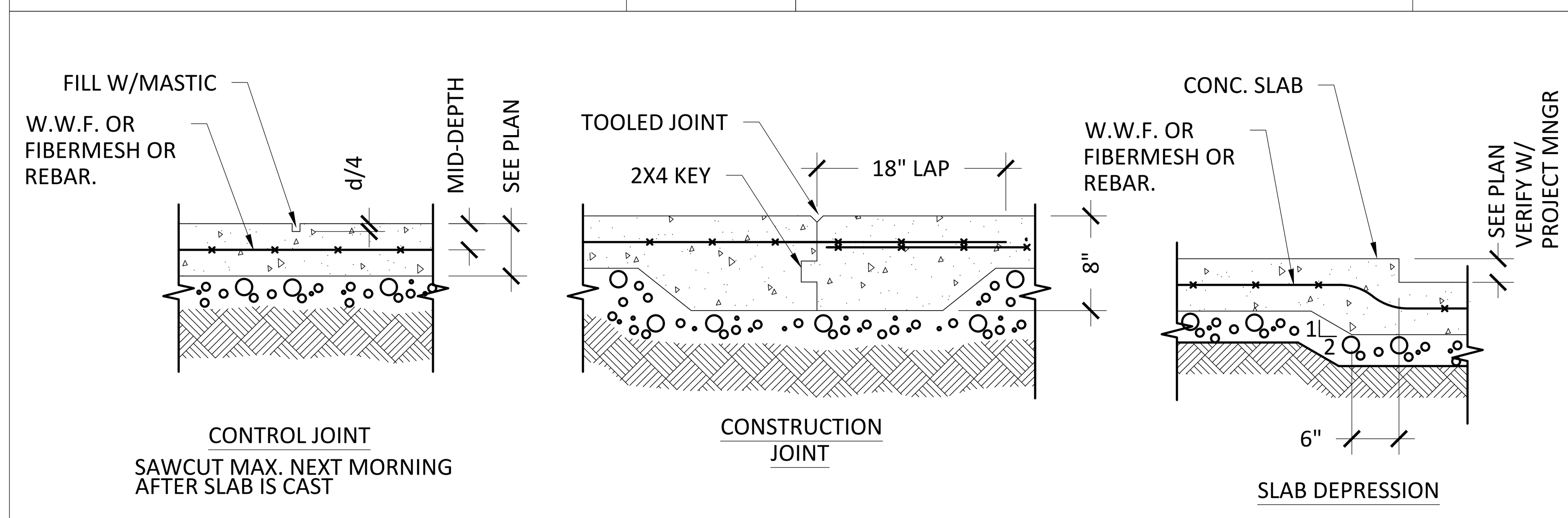
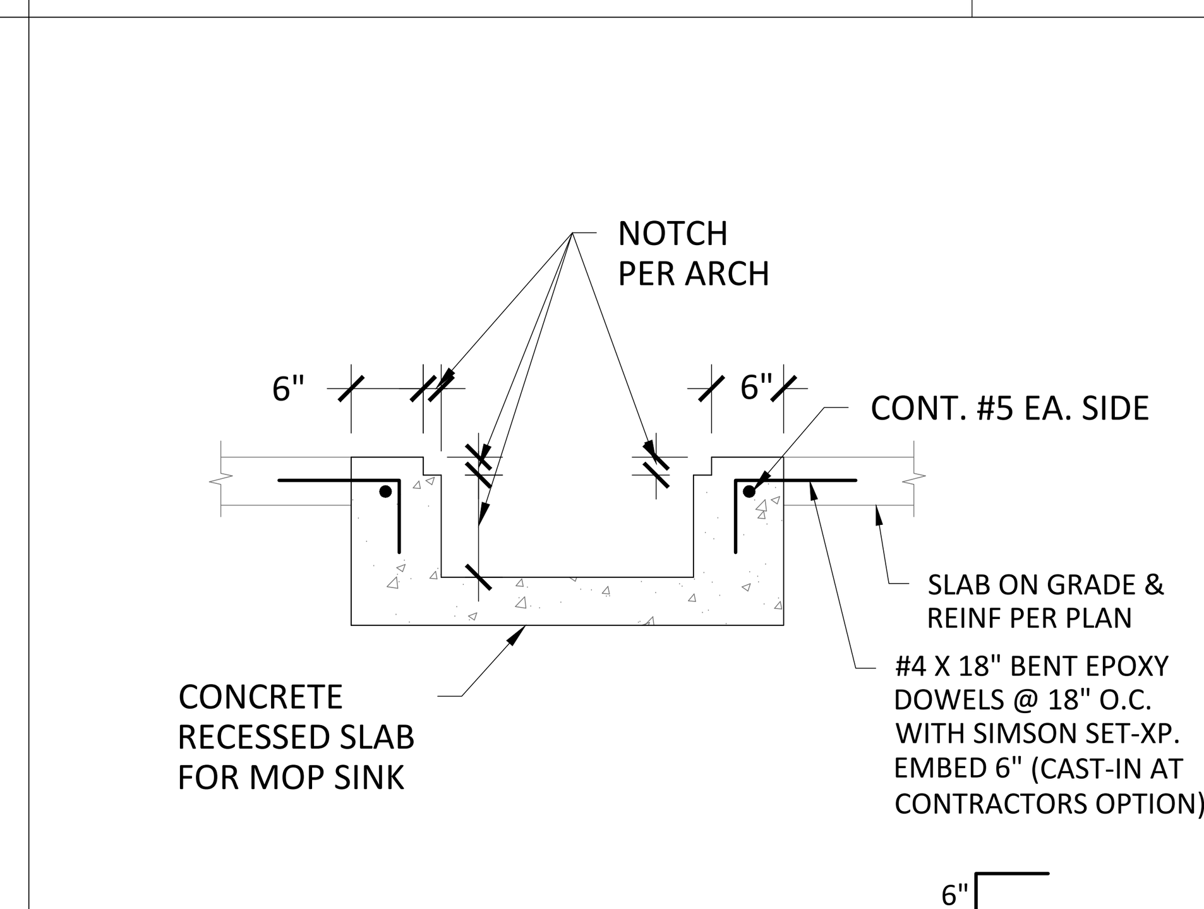


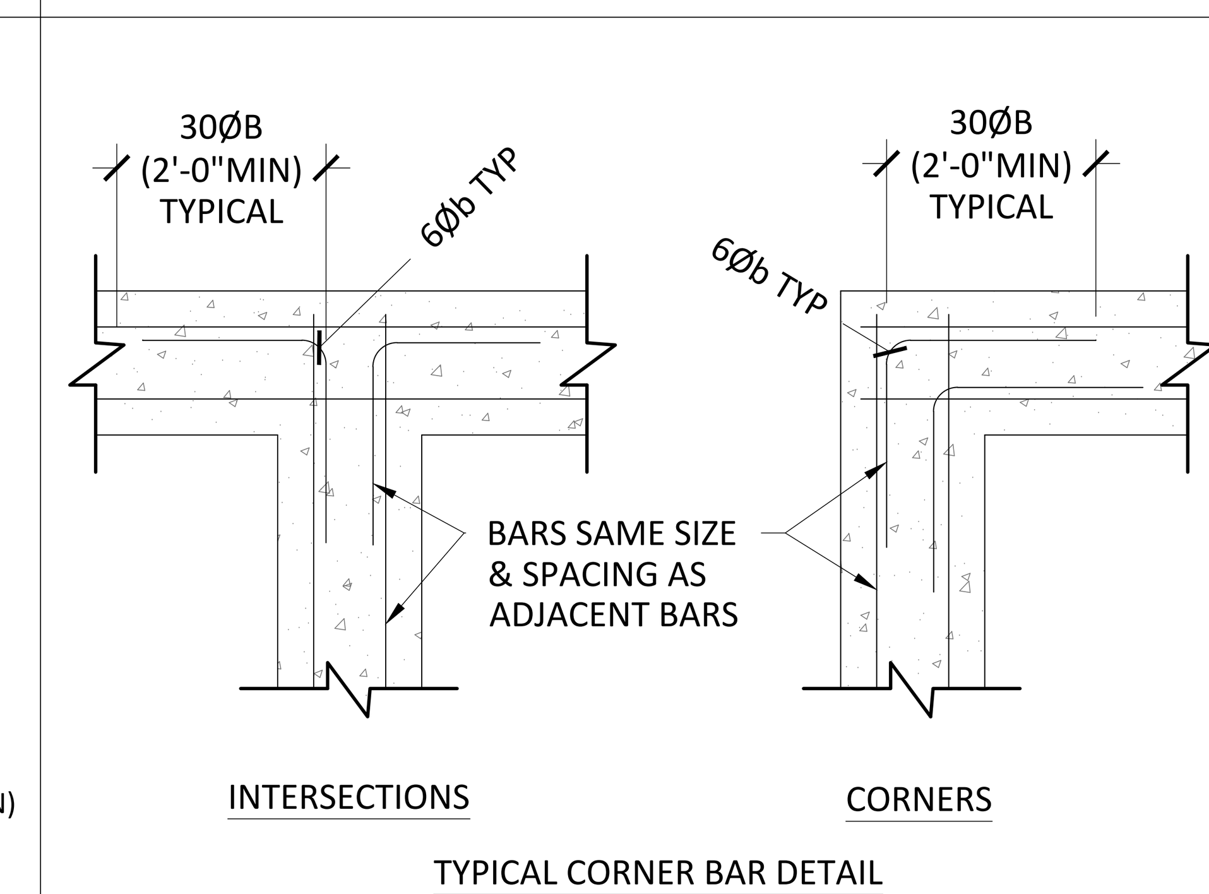
CONTROL JOINTS SHALL BE IN A SQUARE PATTERN OF 400 SQ. FT. AND/OR THE LENGTH SHALL NOT BE MORE THAN 2x WIDTH. ALIGN WITH COLUMN CENTER LINES.

SLAB ON GRADE DETAILS 9



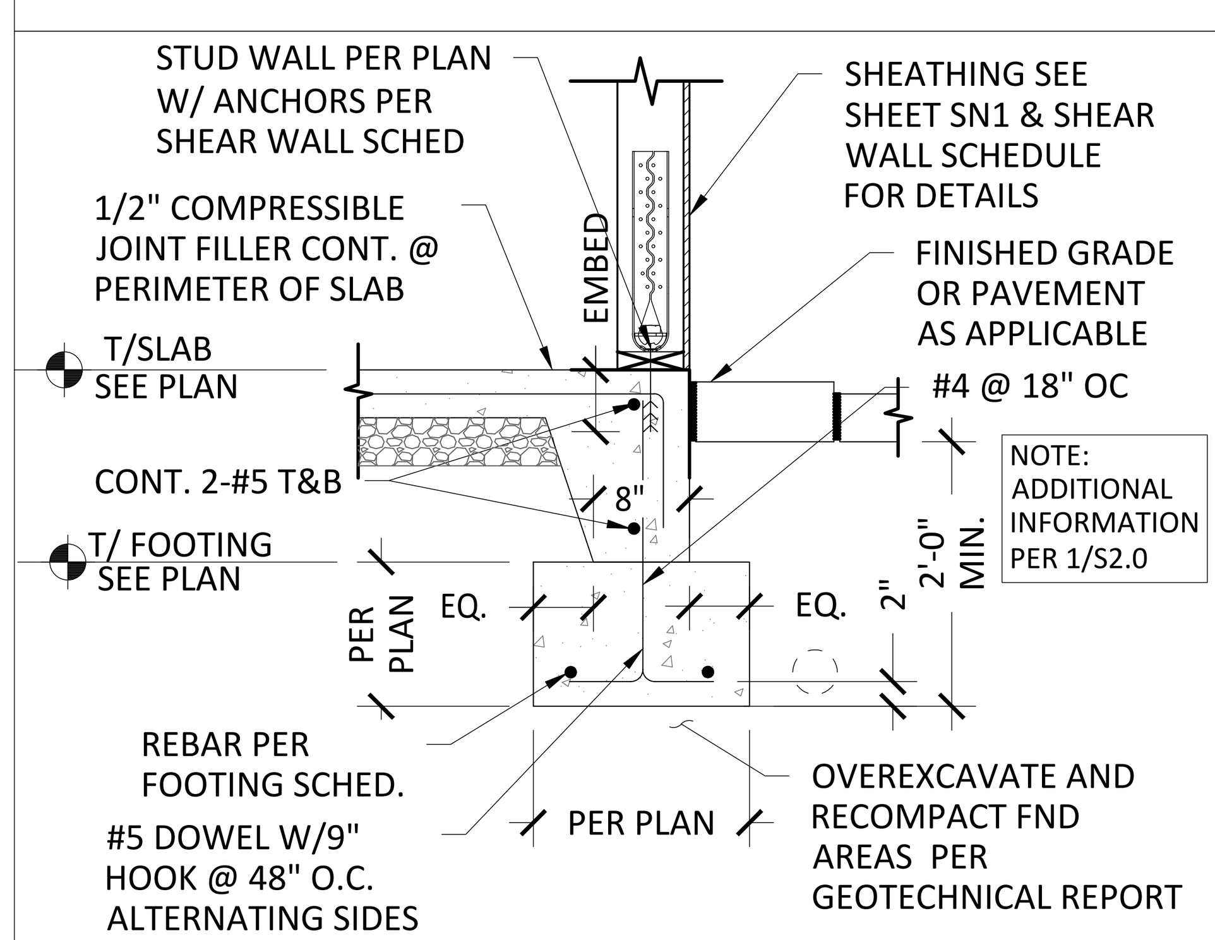
NOTE: REFERENCE 8/A6.1 FOR ADDITIONAL INFORMATION

RECESSED SLAB DETAIL 10



TYPICAL CORNER BAR DETAIL

CORNER BAR DETAILS 11



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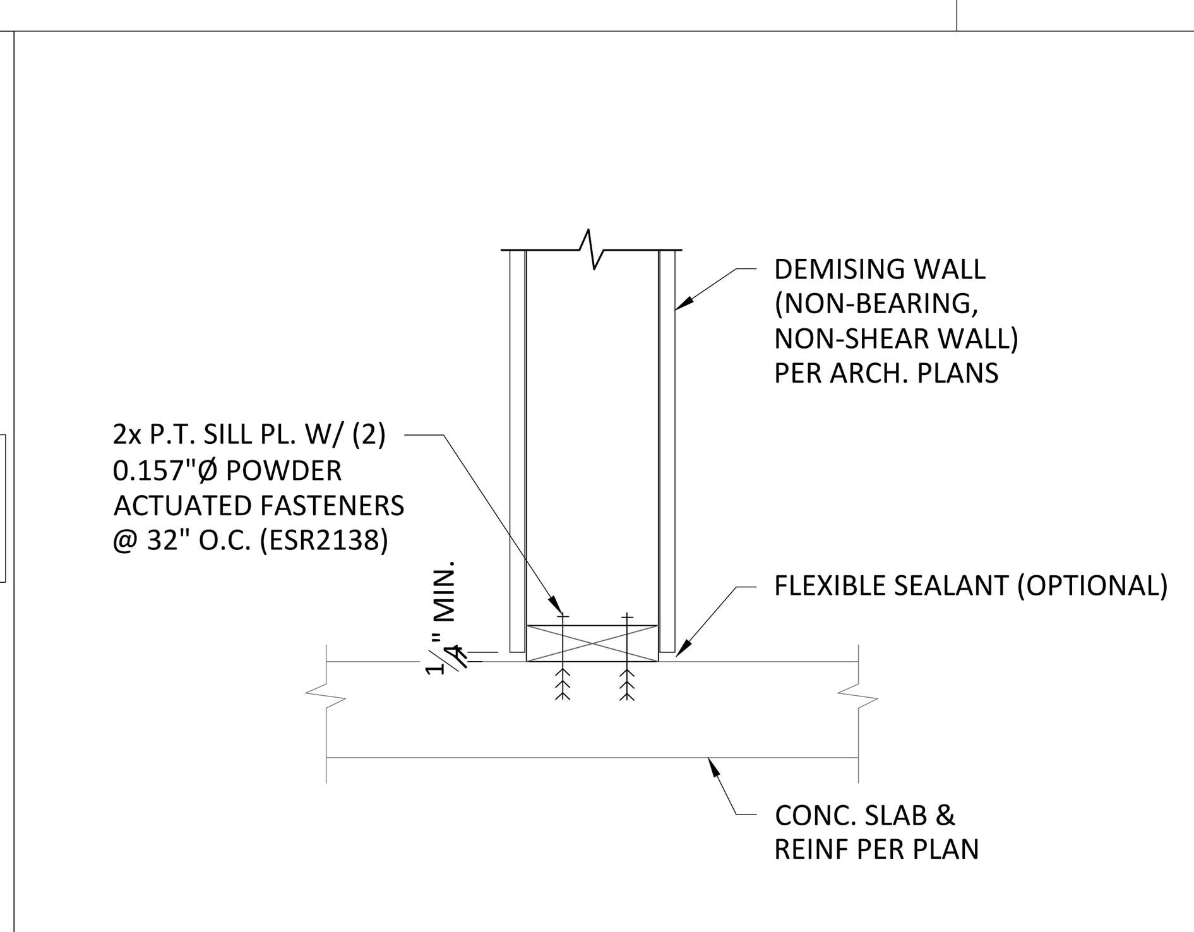


PARTITION WALL TO CONC. SLAB 13

LAP SPLICE AND DEVELOPMENT LENGTH SCHEDULE

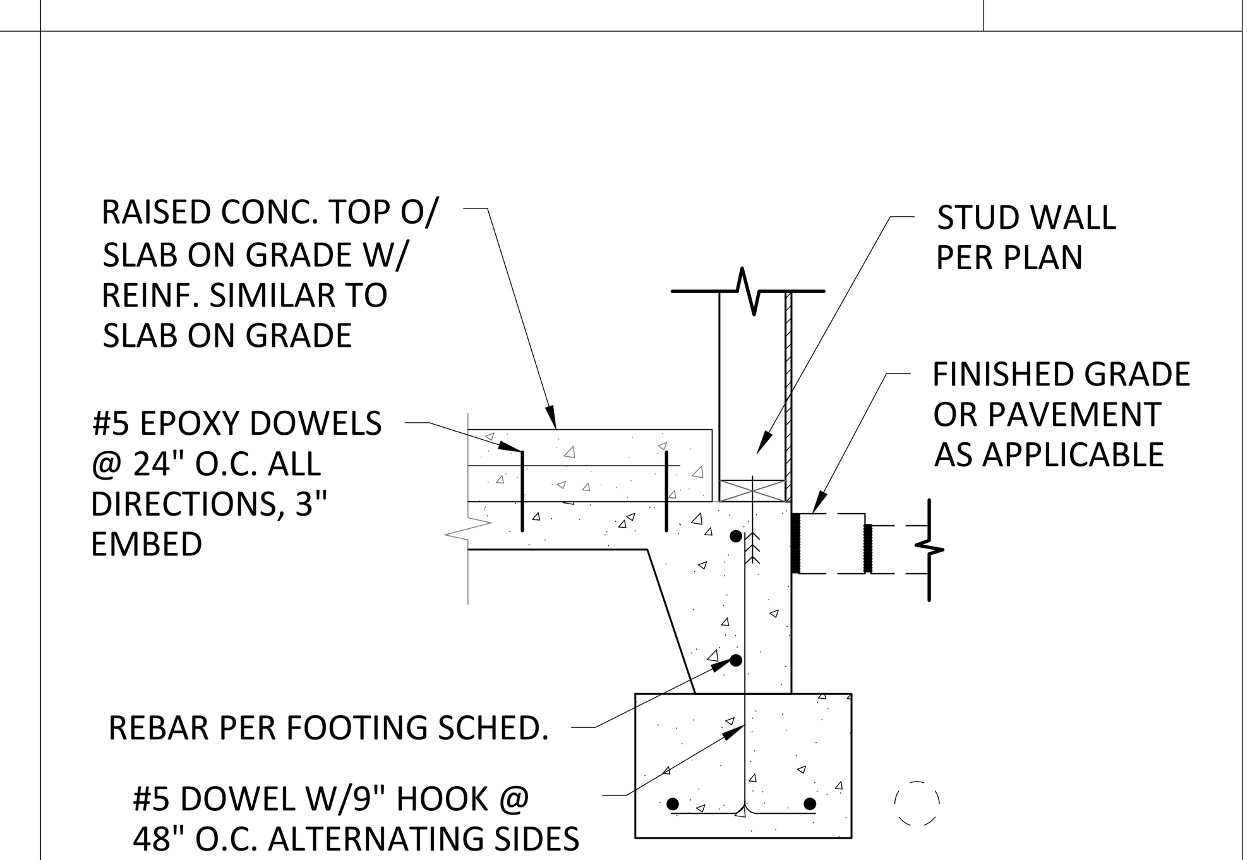
GRADE 60 REINFORCING

F'C = 2500PSI

BAR SIZE	MISC BARS		TOP BARS		HOOKED BARS
	LD	SPLICE	LD	SPLICE	LDH
#3	18	24	24	32	9
#4	24	32	32	42	12
#5	30	39	39	51	15
#6	36	47	47	62	18
#7	53	69	69	90	21
#8	60	78	78	102	24

NOTES:
1. ALL TABULATED VALUES ARE IN INCHES.
2. VALUES ARE FOR UNCOATED REINFORCING IN NORMALWEIGHT CONCRETE.
3. TOP REINFORCING IS DEFINED AS HORIZONTAL REINFORCING WITH GREATER THAN 12" OC CONCRETE BELOW OR NOTED PER PLAN AS TOP BAR.

LAP SPLICE AND CONC DEVELOPMENT LENGTH SCHD 14



NOTE: ADDITIONAL INFORMATION PER 1/S2.0

RAISED SLAB OVER EXISTING SLAB 15

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	KK
1	03/20/25	PLAN CHECK COMMENTS	KK

Professional of Record:

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916-251-9798 | WWW.WCDASSOCIATES.COM
6930 DESTINY DRIVE SUITE #300, ROCKLIN, CA 95677

PRCNC20241917

WESLEY CULLUMBER, STATE OF WASHINGTON, 56676, REGISTERED PROFESSIONAL ENGINEER

Seal

PREPARED FOR:

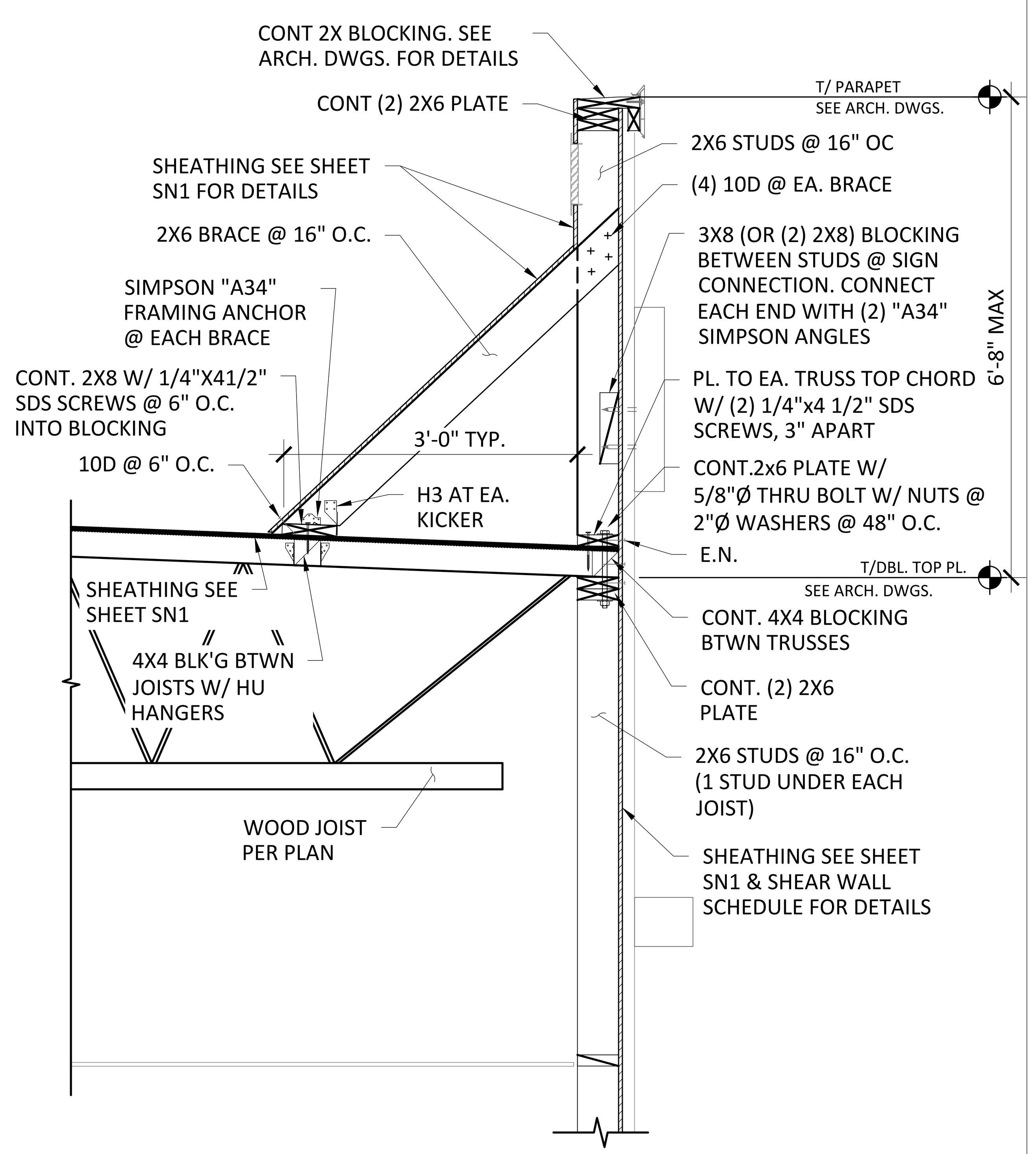
McDonald's USA, LLC

DRAWN BY: ML
STD ISSUE DATE: 12/10/24
REVIEWED BY: KK
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS, WOOD ROOF TRUSS FRAMING, STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1180
SITE ADDRESS: 2902 E. Pioneer, Puyallup, WA 98372

046-1180.00.0
S2.0
FOUNDATION SECTIONS

MCD24092.0 – PUYALLUP, WA



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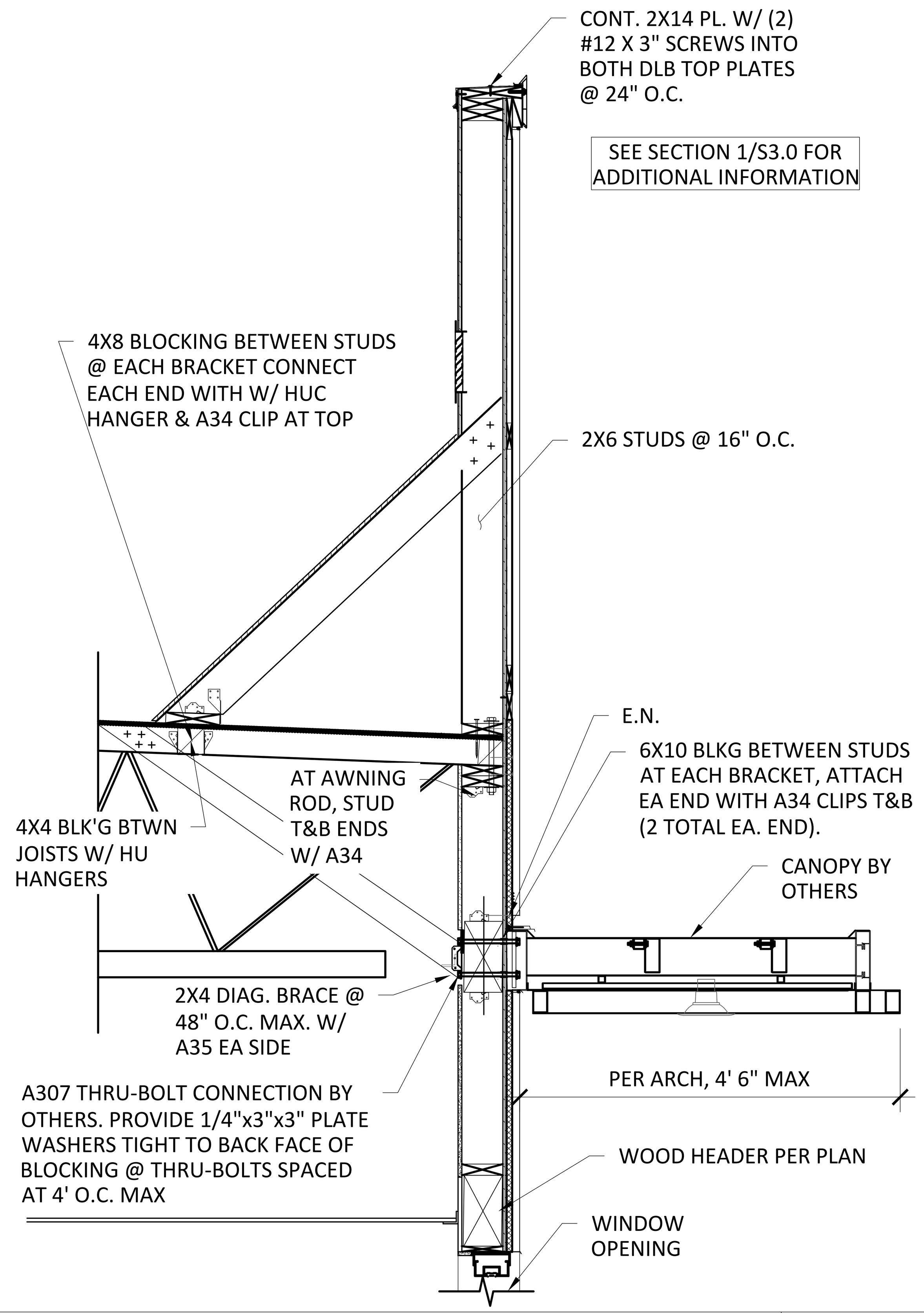

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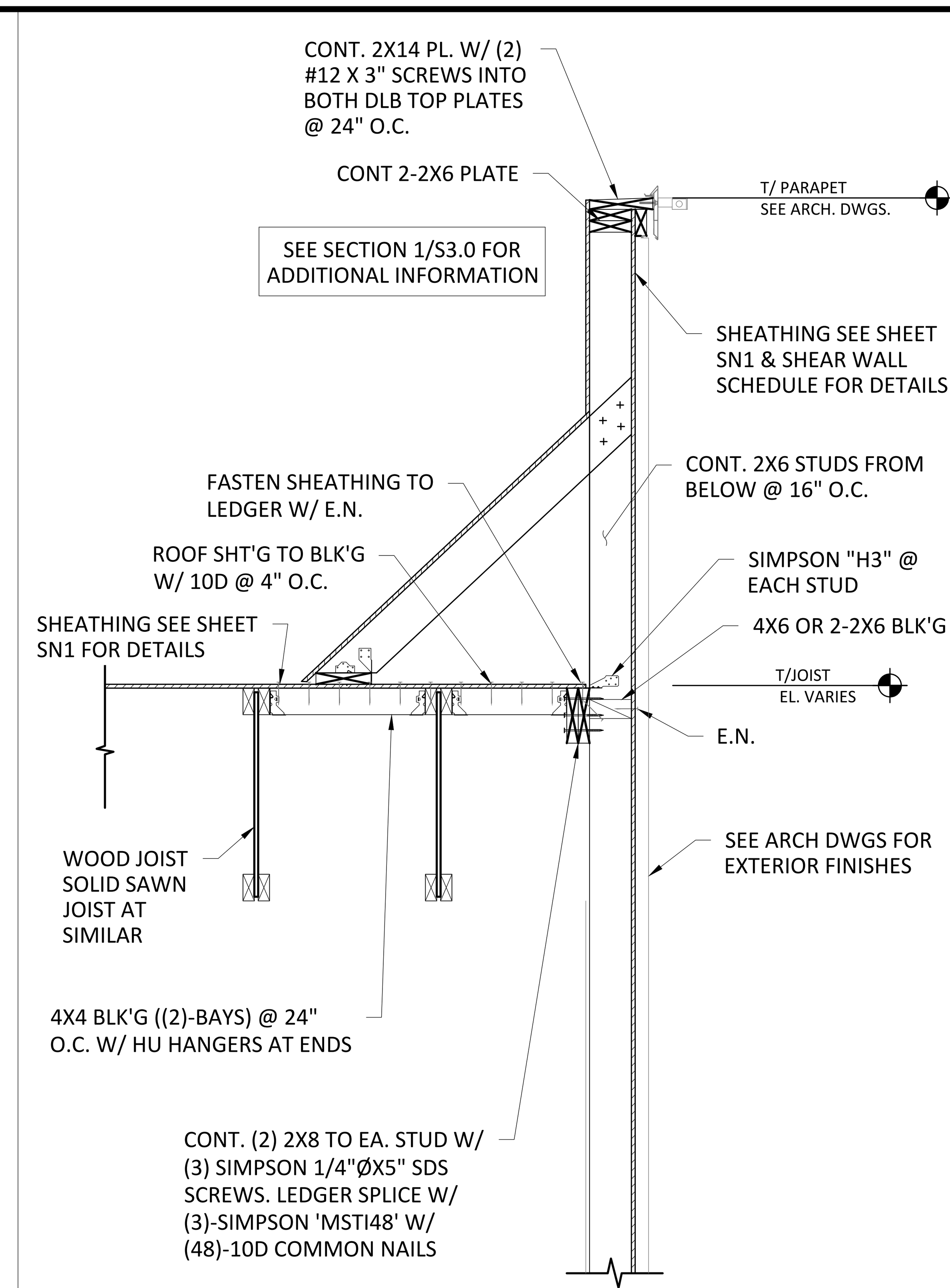

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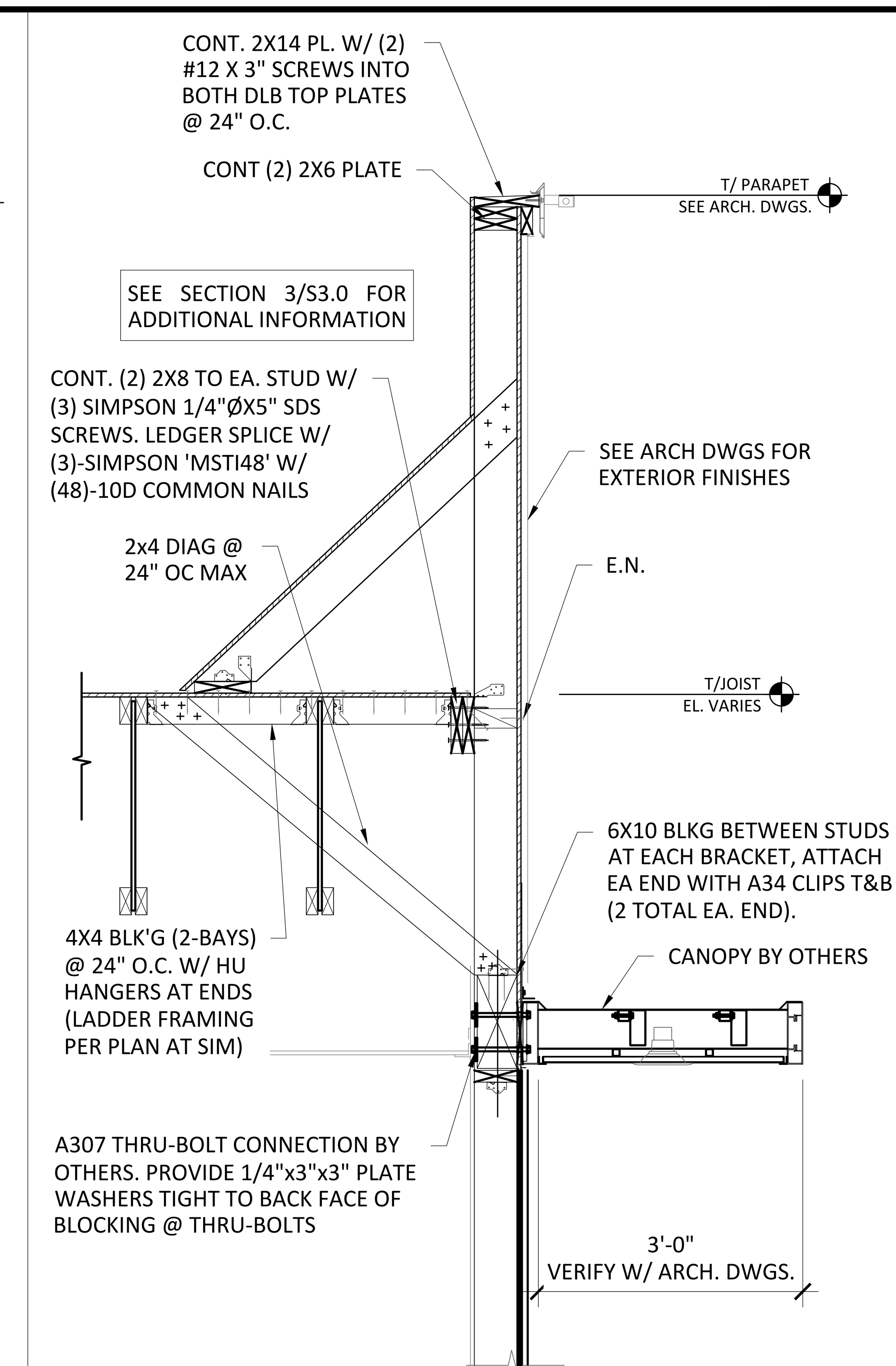

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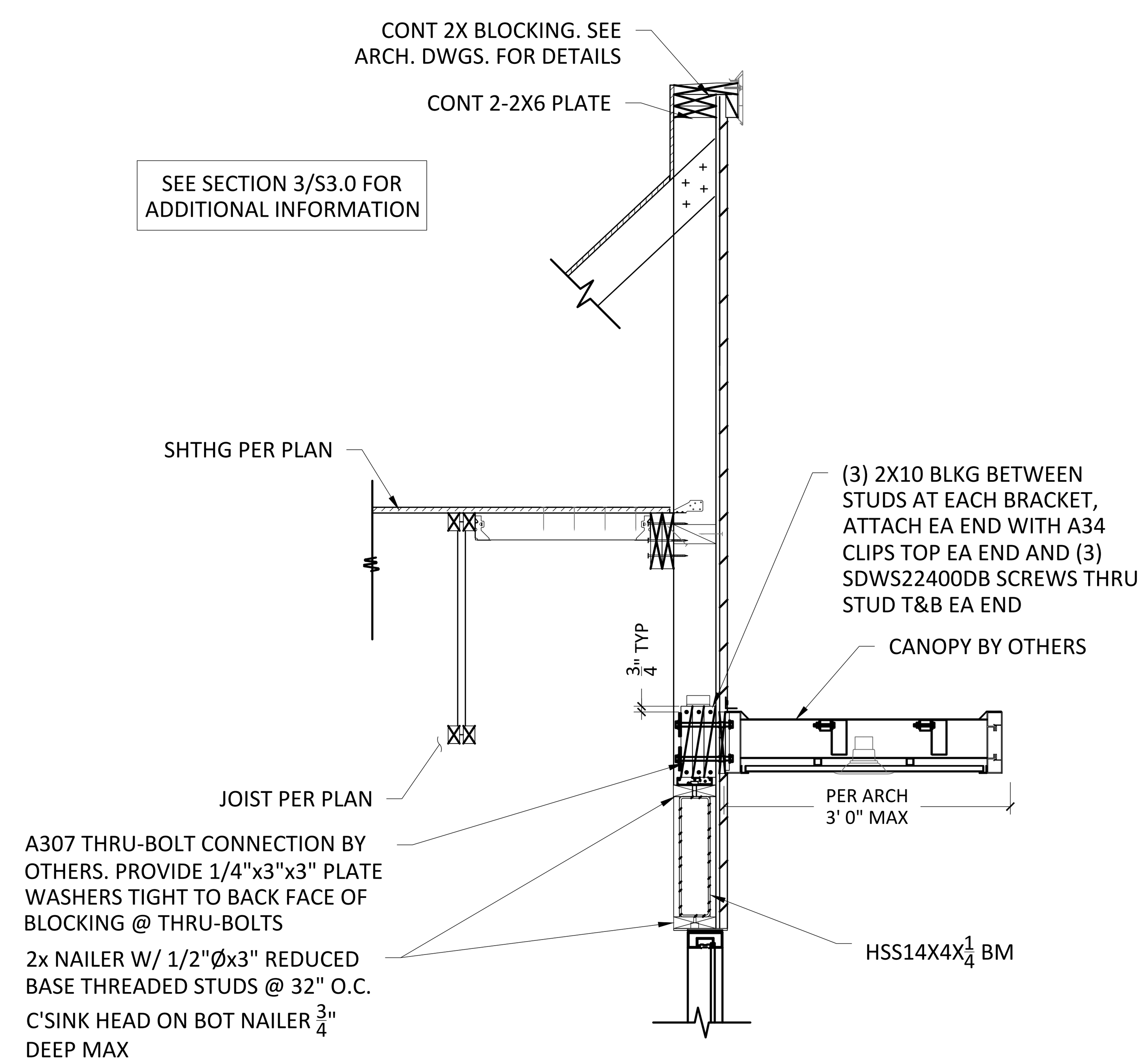

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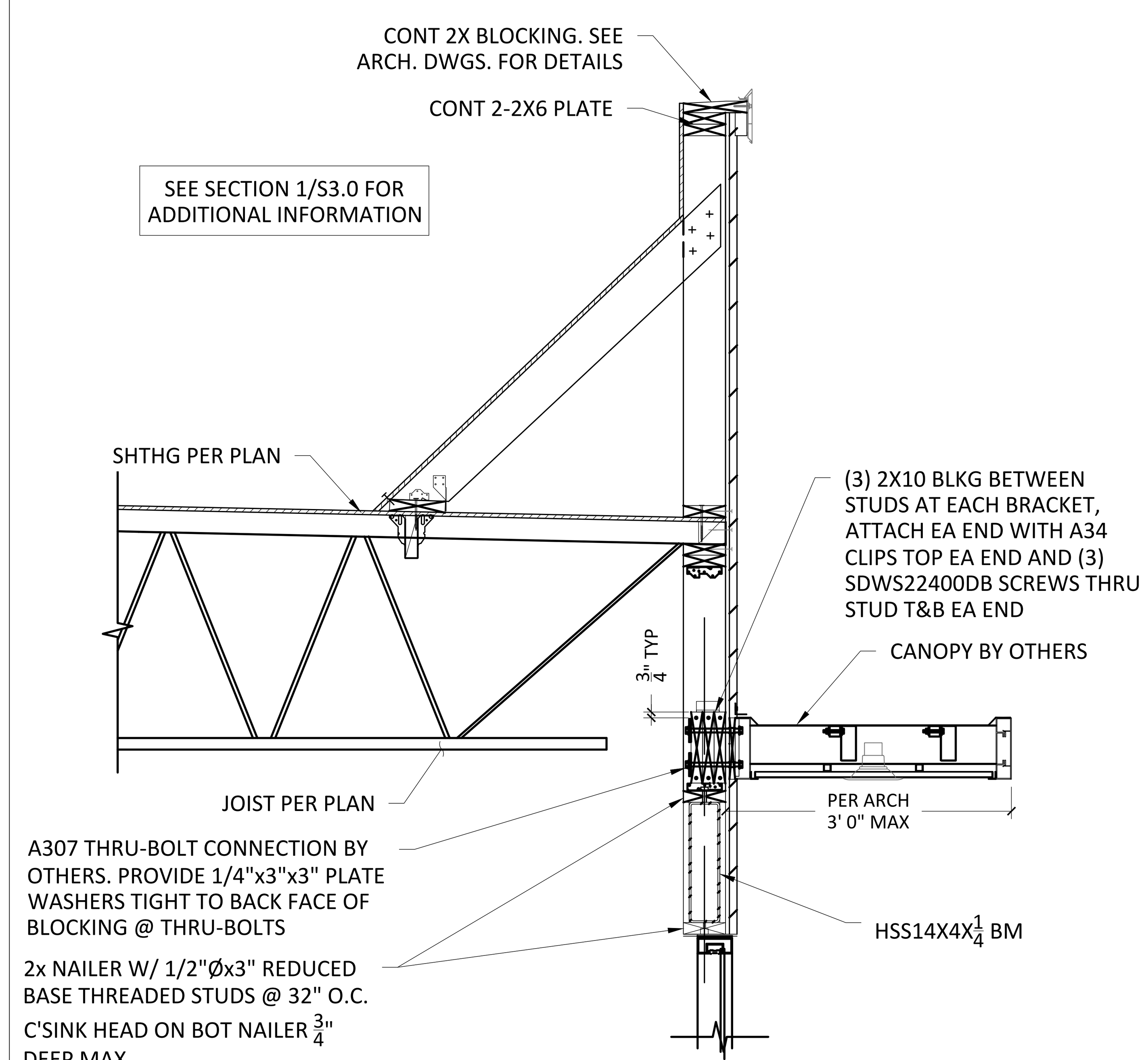

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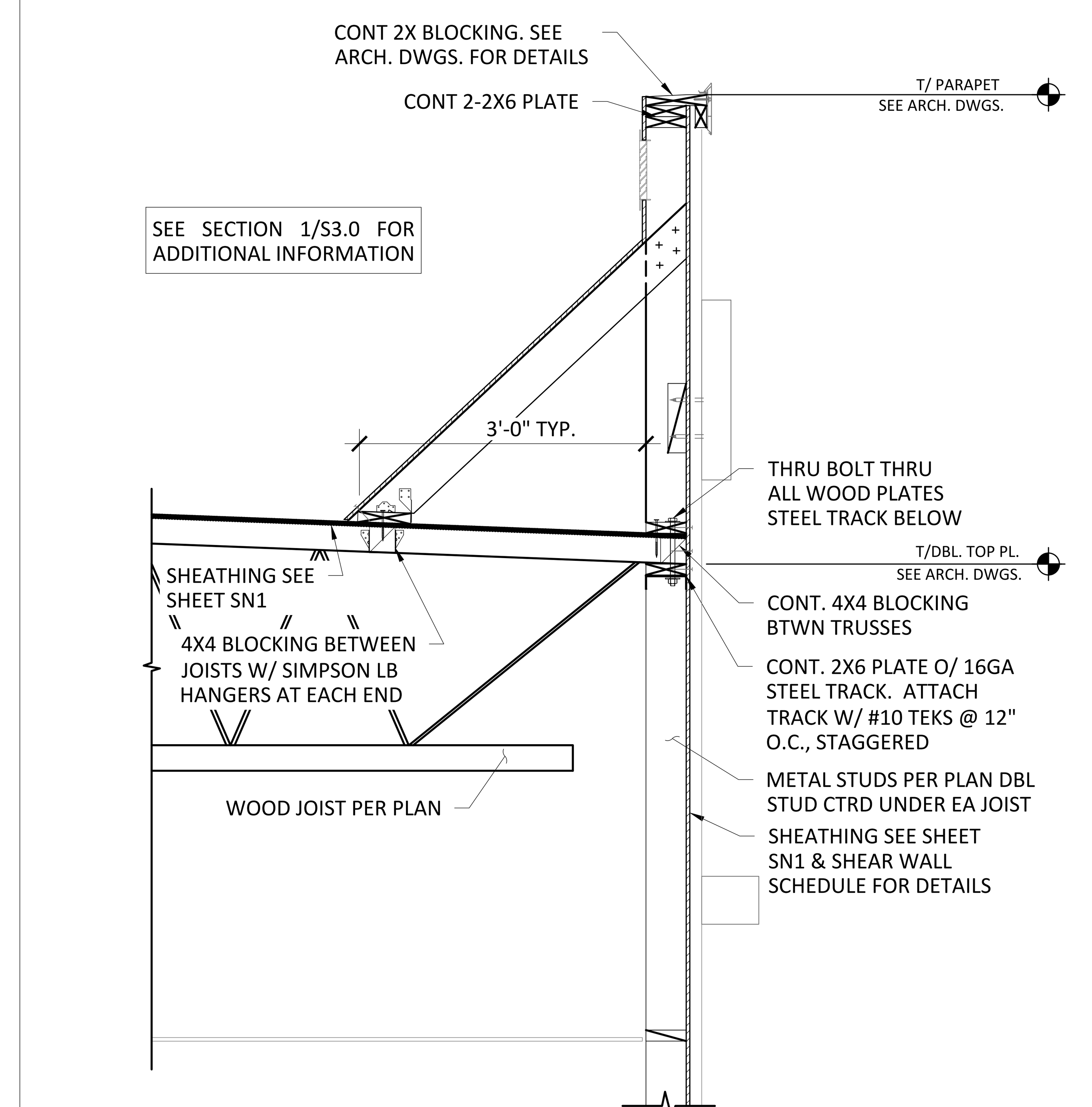

SECTION 5

REV	DATE	DESCRIPTION	BY
1	12/10/24	ISSUED FOR PERMIT	KK
△	03/20/25	PLAN CHECK COMMENTS	KK

Professional of Record:

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6930 DESTINY DRIVE SUITE #300, ROCKLIN, CA 95677

PRCNC20241917

WESLEY CULLUMBER
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REGISTERED PROFESSIONAL ENGINEER

Seal

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY: ML
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3898 – PUYALLUP, WA

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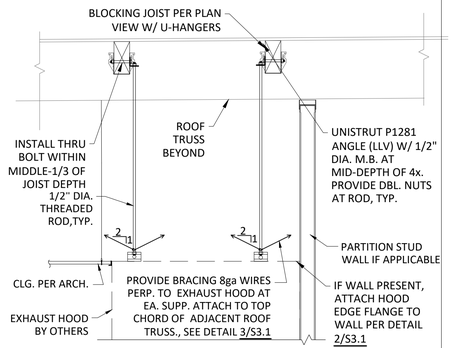
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

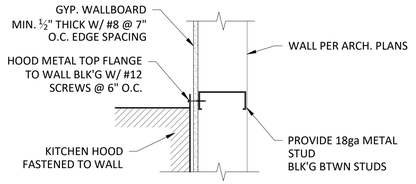
SITE ID: 046-1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

046-1180.0.0
S3.0
FRAMING SECTIONS

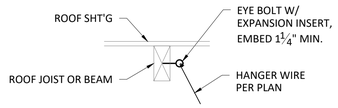
MCD24092.0 – PUYALLUP, WA



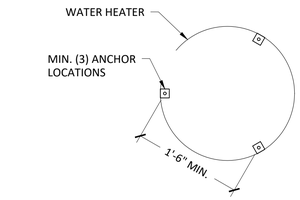
KITCHEN HOOD CEILING MOUNT DETAIL | 1



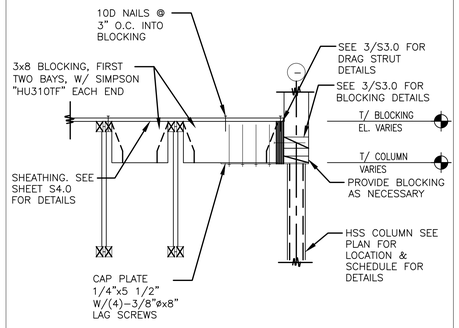
HOOD EDGE TO WALL ATTACHMENT | 2



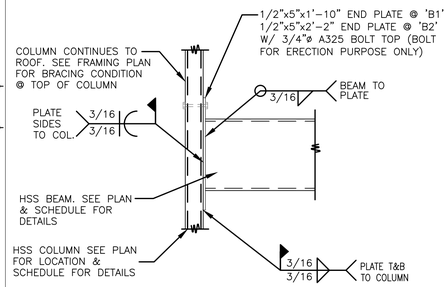
HANGING WIRE BRACE | 3



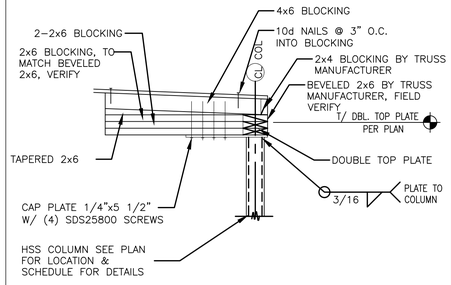
ANCHOR PLAN VIEW



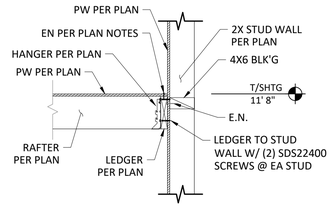
COL BRACING DETAIL | 5



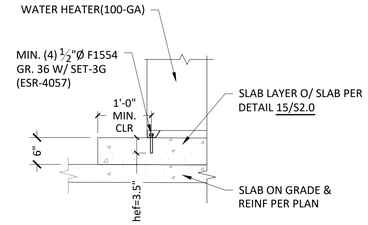
HSS BEAM CONNECTION DETAIL | 6



COL BRACING DETAIL | 7

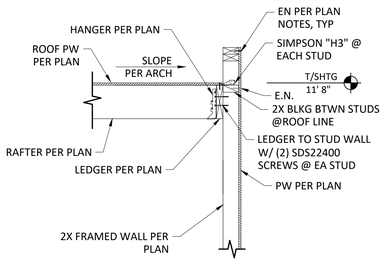


RAFTERS TO STUD WALL | 8

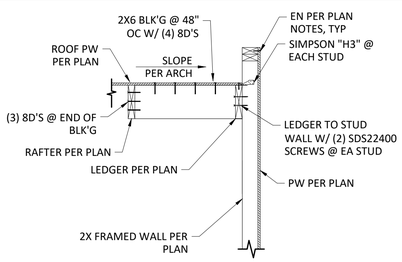


SECTION VIEW

WATER HEATER TANK ANCHORAGE | 4



RAFTER TO WALL CONNECTION | 9



FRAME WALL CONNECTION | 10

Welding to be done by an individual or fabricator who is WABO certified or approved by the Building Official to perform the work. All welds must be inspected and approved by a WABO certified special inspector.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	KK
1	03/20/25	PLAN CHECK COMMENTS	KK

Professional of Record:

WCD
916-251-9798 | WWW.WOODCOASTES.COM
6930 DESTINY DRIVE SUITE #300,
ROCKLIN, CA 95677

PRCNC20241917

WESLEY CULLUMBER — STATE OF WASHINGTON — 56676 — REGISTERED PROFESSIONAL ENGINEER

Seal

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY: ML
STD. ISSUE DATE: 12/10/24
REVIEWED BY: KK
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA

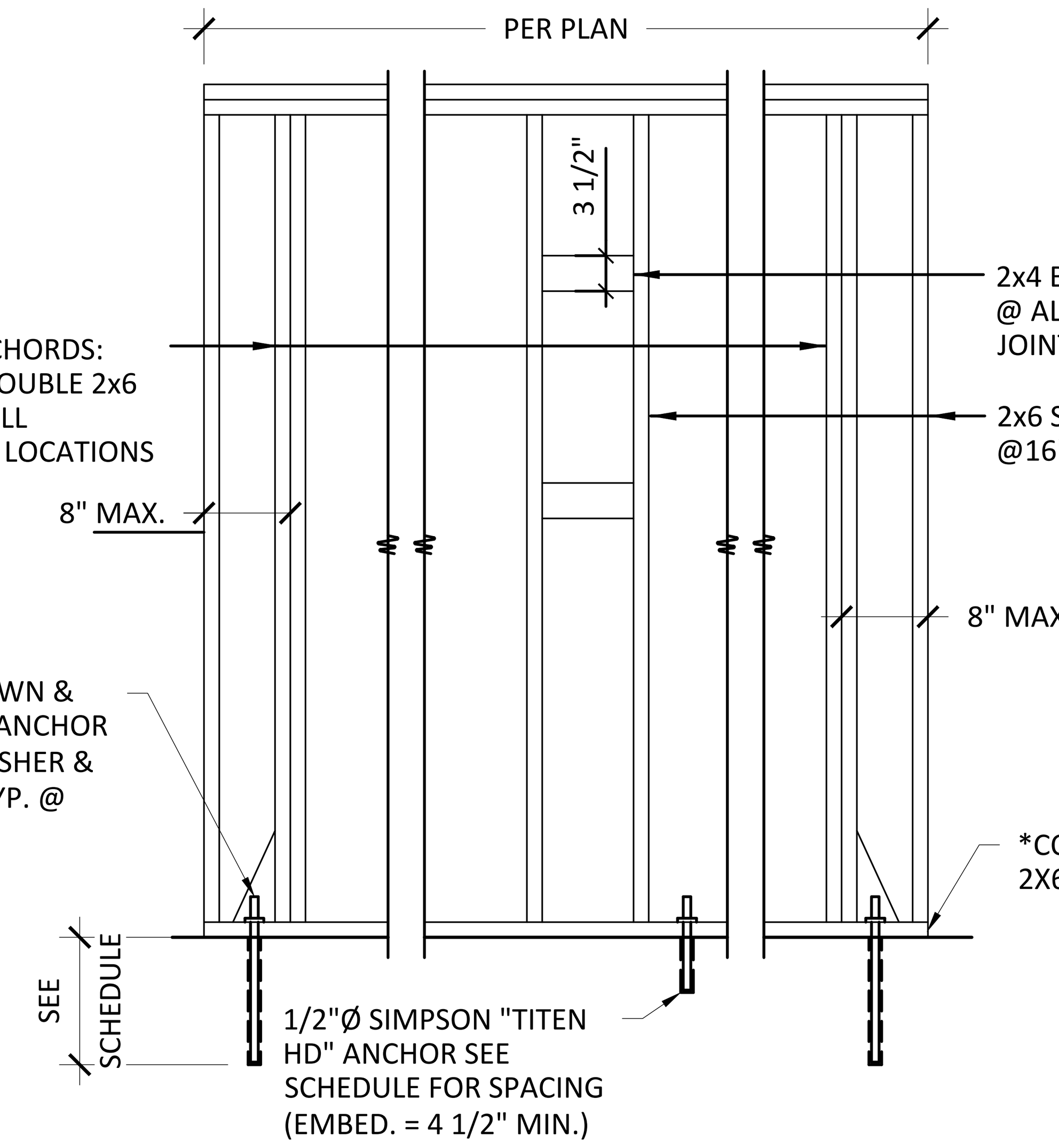
DESCRIPTION: 2024 STANDARD BUILDING - WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID: 046-1180
SITE ADDRESS: 2802 E Pioneer, Puyallup, WA 98372

046-1180.00.0
S3.1
STEEL DETAILS

MCD24092.0 — PUYALLUP, WA

Z:\PROJECTS\E PIONEER\RVY_PM\MCD#46117\2-NEW_(CN112124)\CAD - STRUCTURAL\E PIONEERRVY_PM.MCD#46117-NEW_(CN112124).DWG 3/20/2025 4:08 PM EMMA BROWN

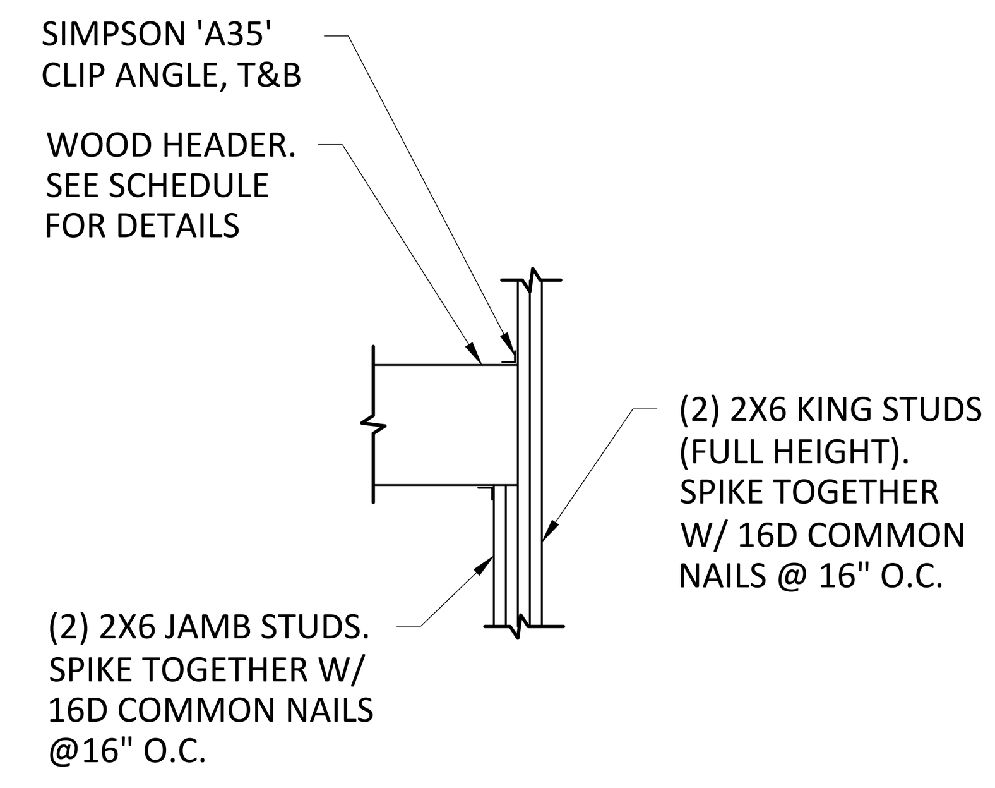


NOTES:
1. SHEATHING PANELS SHALL BE LAID UP HORIZONTALLY
2. WIND LOADS GOVERN OVER SEISMIC LOADS UNLESS AS NOTED IN THE REMARKS COLUMN.
3. NAIL ALL SHEATHING TO INTERMEDIATE SUPPORTS @ 12" O.C.
4. SCREW HOLDOWN ANCHORS TO VERTICAL MEMBER PER SIMPSON

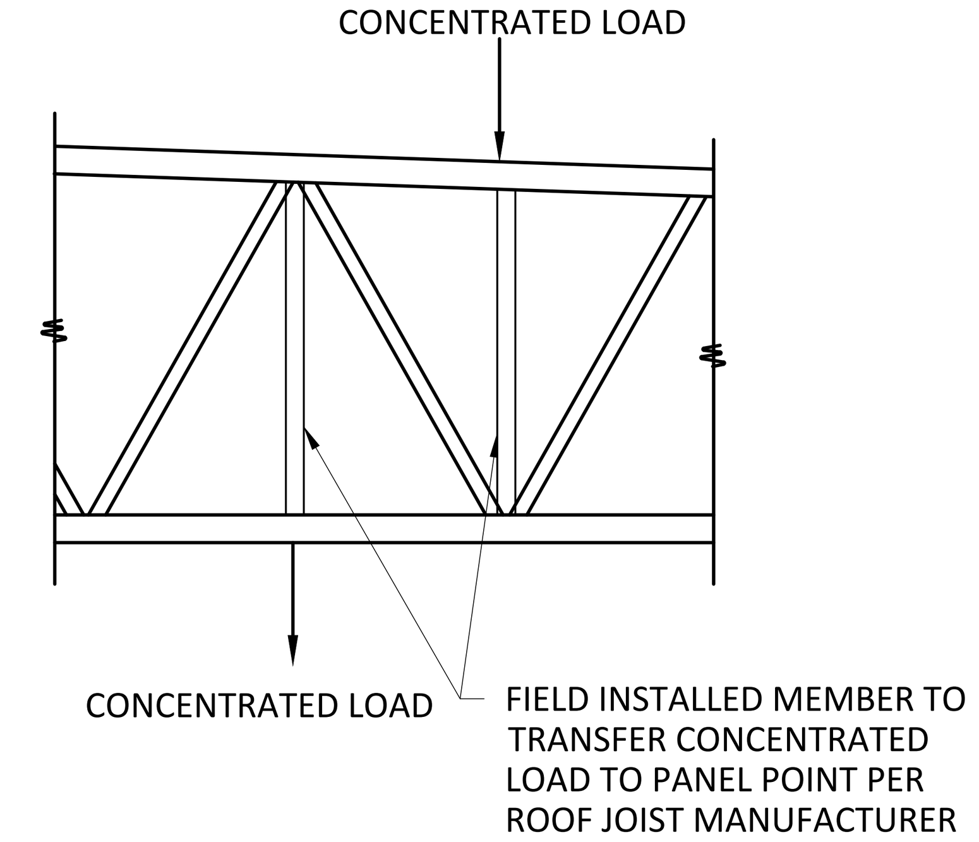
SHEAR WALL SCHEDULE

MARK	SHEATHING	SHEATHING NAIL SIZE	SHEATHING NAIL** SPACING @ PANEL EDGES	HOLDDOWN*** ANCHORS	ANCHOR BOLT SPACING	REMARKS	DETAIL REF. FOR CAST-IN-PLACE
A	15/32"	10d	6"	NONE	36"	----	9/S3.2
B	15/32"	10d	6"	HDU2-SDS2.5 w/ ANCHOR PER 9/S3.2	16"	----	9/S3.2
C	15/32" EA SIDE	10d	4"	HDU14-SDS2.5 w/ ANCHOR PER 9/S3.2	16"	----	9/S3.2

SHEAR WALL SCHEDULE 1



HEADER SUPPORT DETAIL 2



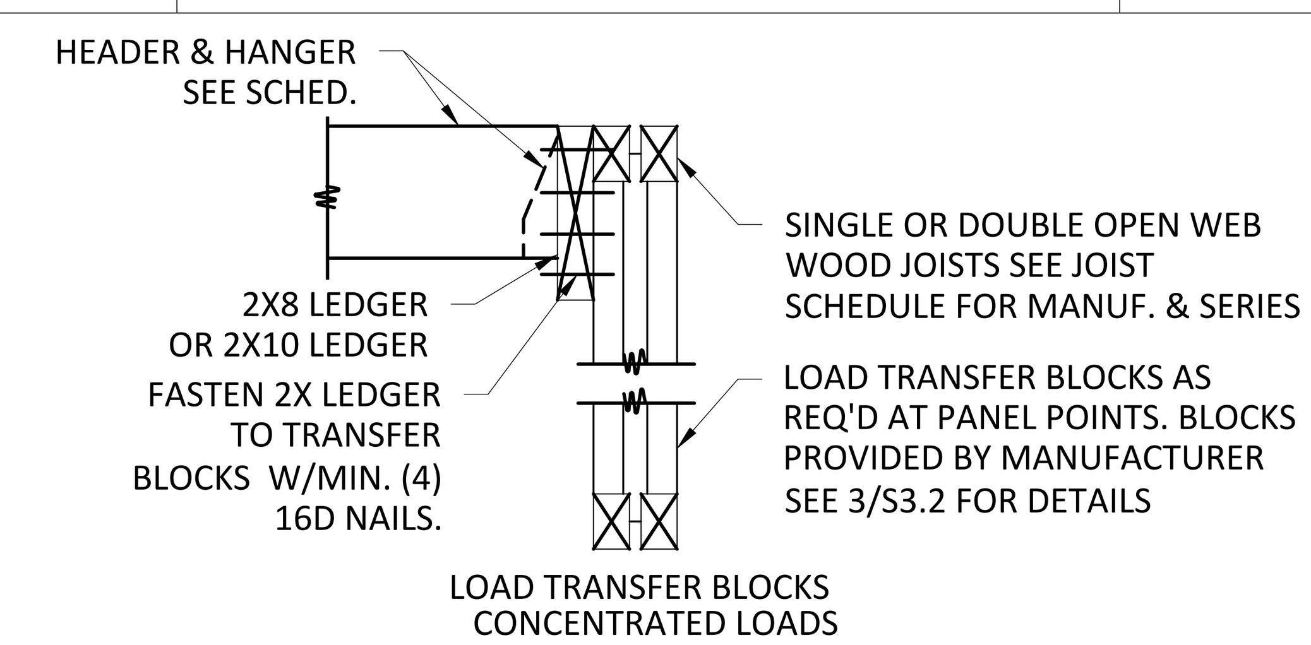
JOIST DETAIL @ POINT LOADS 3

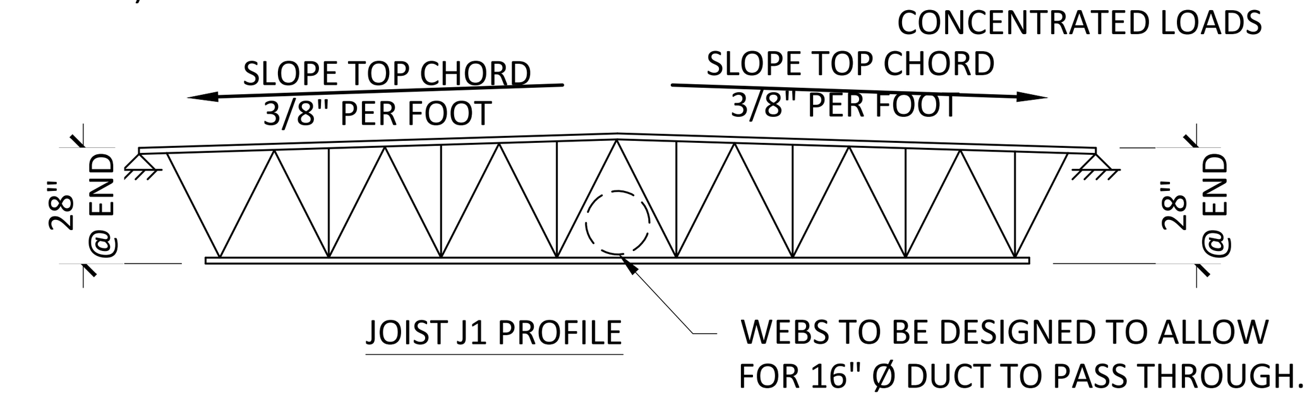
1. FOR NATIONAL ACCOUNT PACKAGE & PRICING CONTACT REDBUILT @ 1-866-859-6757
2. JOIST MFGR. TO VERIFY SIZE AT HVAC ROOF TOP UNITS.

HEADER	HANGER
2x6	LUS26
(2) 2x6	LUS26-2
2x8	LUS28
(2) 2x8	LUS28-2
2x10	LUS210
(2) 2x10	LUS210-2

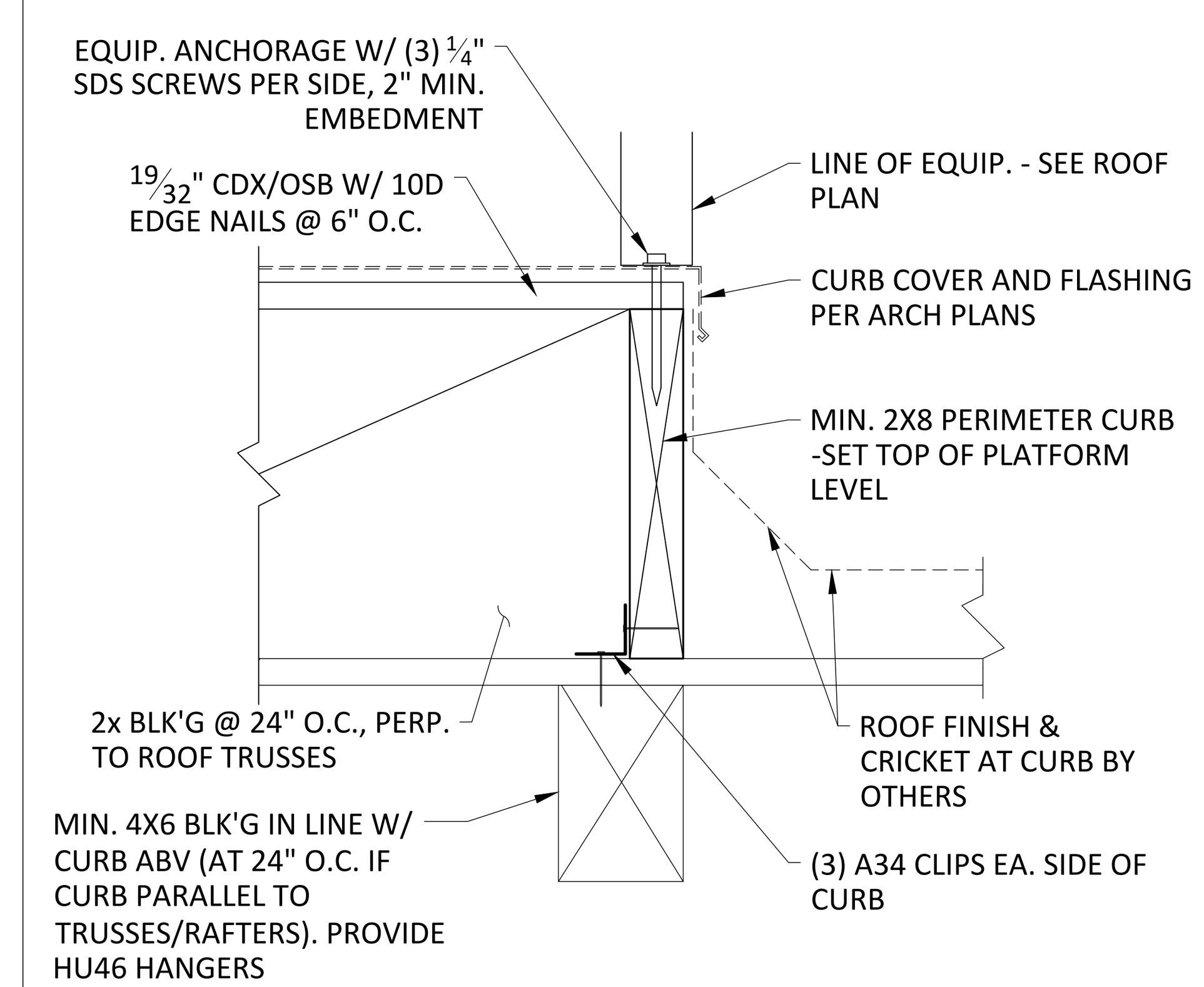
FOR OPENINGS < 1'-4" USE 1-2x6
FOR OPENINGS > 1'-4" AND < 4'-0" USE 2-2x8
FOR OPENINGS > 4'-0" AND < 6'-0" USE 2-2x10

3. ALL JOISTS SHALL BE DESIGNED FOR THE FOLLOWING NET UPLIFT. 5 PSF SERVICE (ASD: 0.6D + 0.6W)

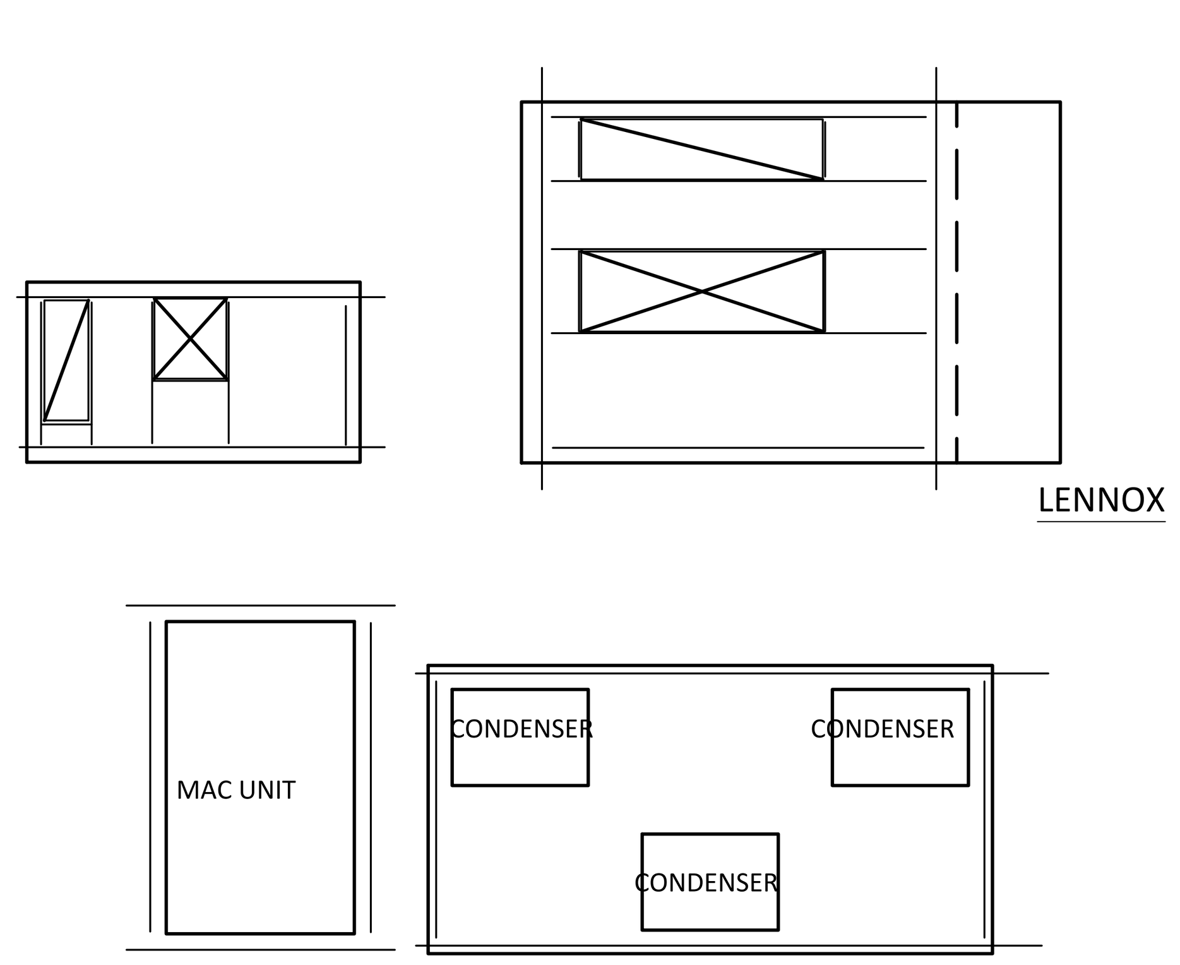




JOIST NOTES 4



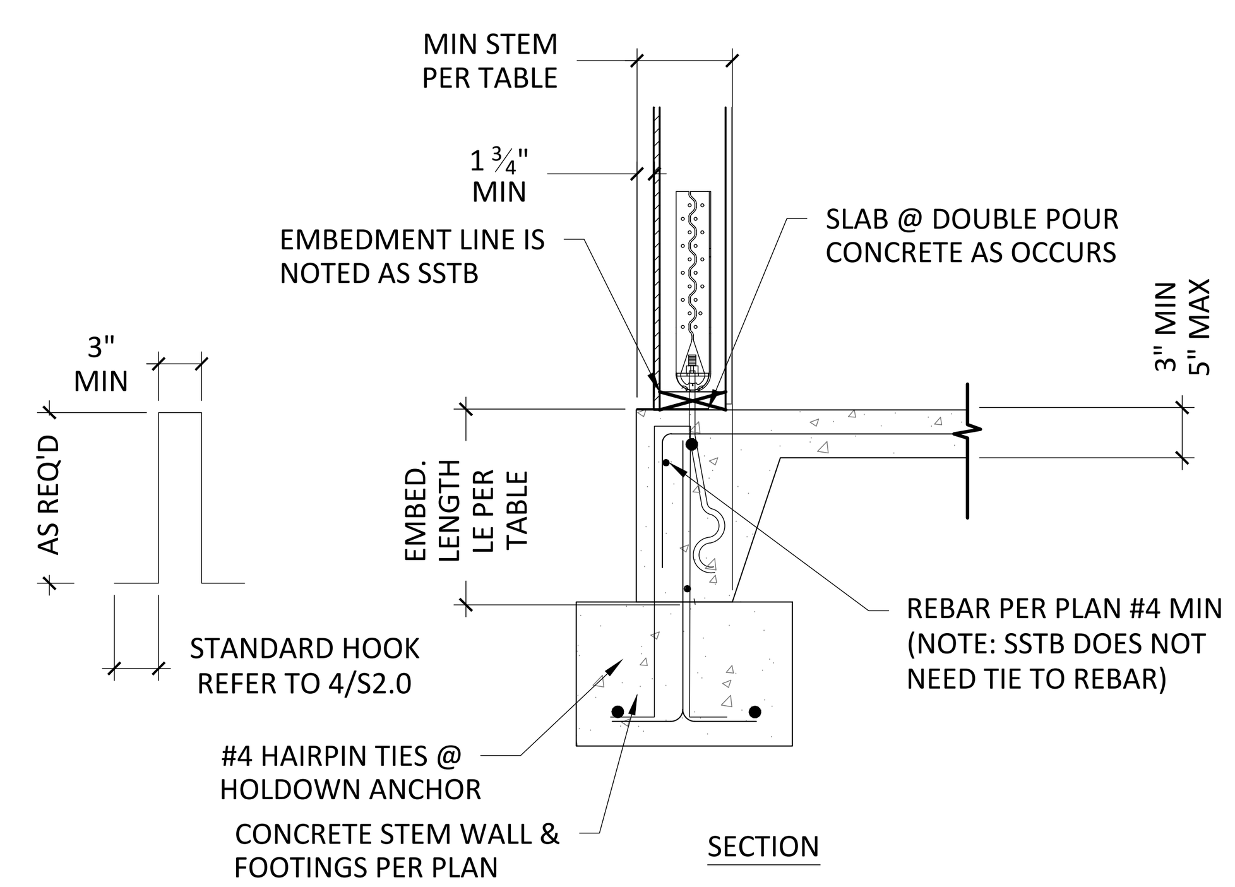
MECHANICAL ROOF UNIT PLATFORM ANCHORAGE 6

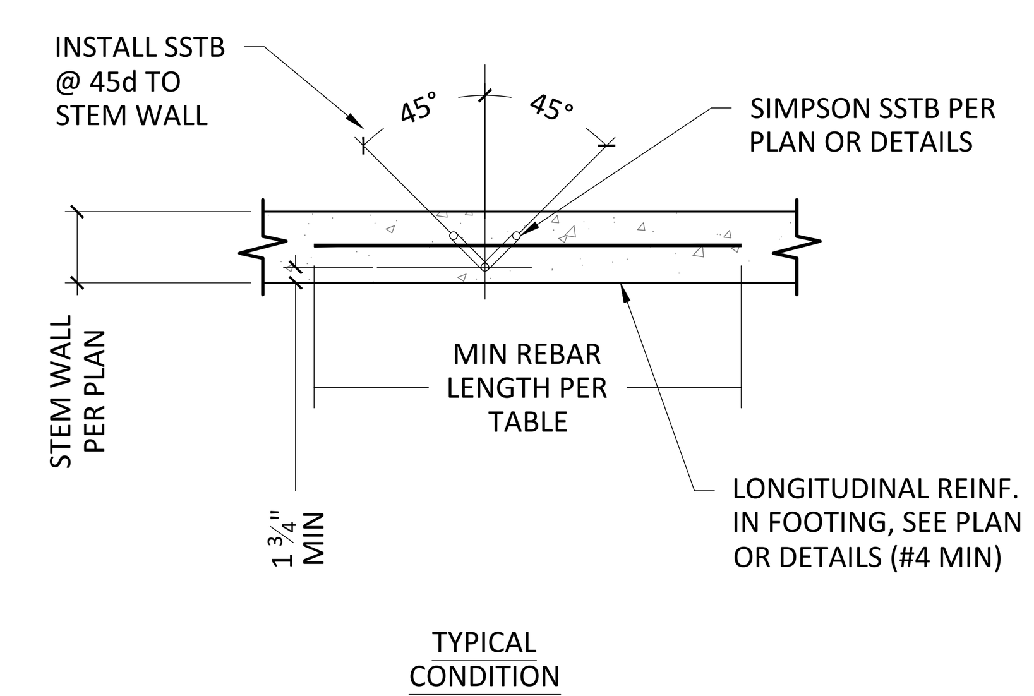


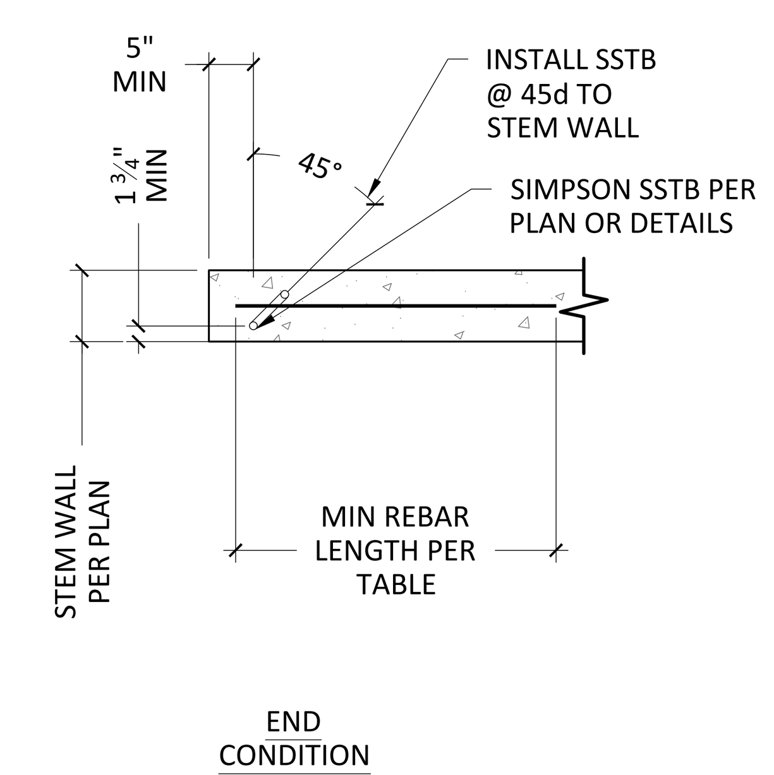
ROOF TOP CLEARANCES 7

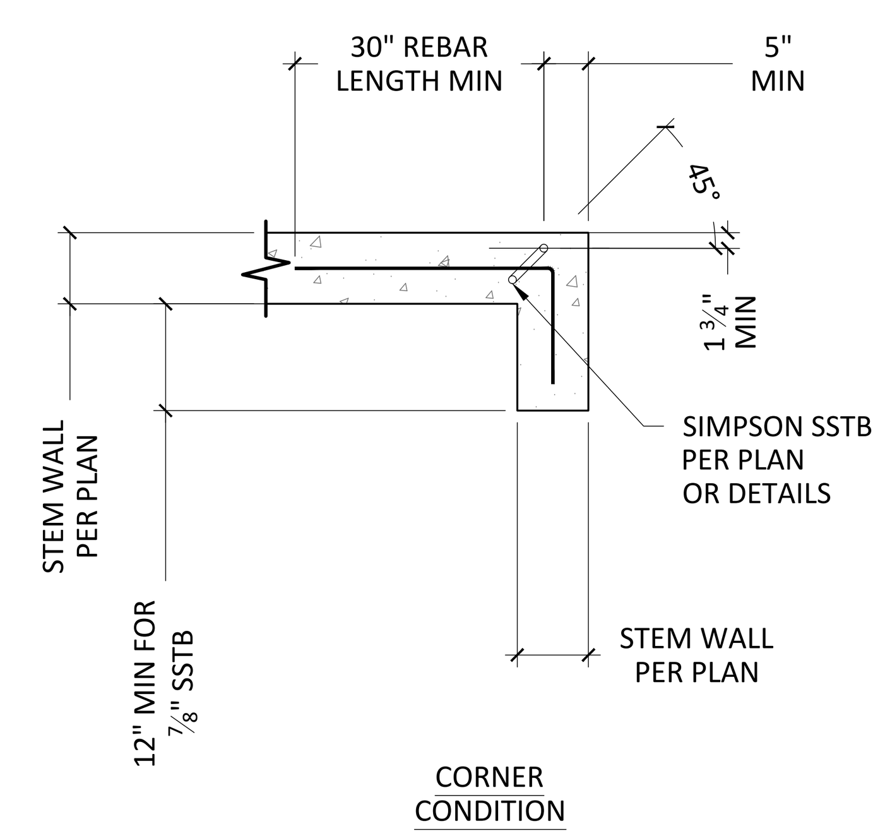
City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic









HOLDOWN	APPLICABLE SIMPSON MODEL NO.		DIA	MIN STEM	MIN EMBED Le	MIN REBAR IN FOOTING	HD POST	HD TO POST CONNECTION
	SINGLE POUR	DOUBLE POUR						
HDU2	SSTB20 2	SSTB20 2	5/8"	6"	12"	(1) #4 TOP, 4'-0" EA. DIR.	(2) 2x	(6) SDS ¼"x2 ½"
HDU14	SB1x30	SB1x30	1"	8"	24"	(2) #4 TOP & (2) #4 BOT 10'-0" EA. DIR.	4x6	(36) SDS ¼"x2 ½"

1. PROVIDE SSTBXXL ANCHOR BOLT FOR 3x MUD SILLS.
2. SEE ADDITIONAL DETAILS AS APPLICABLE FOR ALTERNATIVE HOLDOWN REQUIREMENTS.
3. ALL HARDWARE TO BE SIMPSON OR EQUAL.
4. PROVIDE 8" DIA. OR 8" SQ DEEPENED AREA AROUND HOLDOWN ANCHOR TO ACHIEVE 3" CLEAR COVER BELOW BOTTOM OF HOLDOWN ANCHORS AS REQUIRED.
5. ALL HOLDOWN NAILS TO BE COMMON WIRE NAILS U.N.O.
6. CONNECT DOUBLE HOLDOWN STUDS TOGETHER WITH (24) 16d SINKER NAILS MINIMUM.
7. WHEN USING STAINLESS STEEL OR HOT-DIP GALVANIZED CONNECTORS, THE CONNECTORS AND FASTENERS SHOULD BE OF THE SAME MATERIAL.
8. CONTINUE HD POST TO MUDSILL OR PROVIDE SOLID BLOCKING.
9. MINIMUM CONCRETE COMPRESSIVE STRENGTH IS 2500psi. FOR 2000psi ALLOWABLE LOADS ARE 0.89x THE TABLE ALLOWABLE LOADS. FOR CORNER CONDITIONS, ALLOWABLE LOADS BASED ON 2000psi CONCRETE.
10. 16d SINKER OR 10d COMMON NAILS MAY BE SUBSTITUTED FOR SPECIFIED 16d COMMON NAILS AT 0.85x THE ALLOWABLE TABLE LOADS.
11. CALCULATE ALLOWABLE LOADS USING STRAIGHT LINE INTERPOLATION FOR CORNER DISTANCES BETWEEN ½" AND 8".
12. SEE CURRENT SIMPSON CATALOG FOR ADDITIONAL DESIGN REQUIREMENTS.

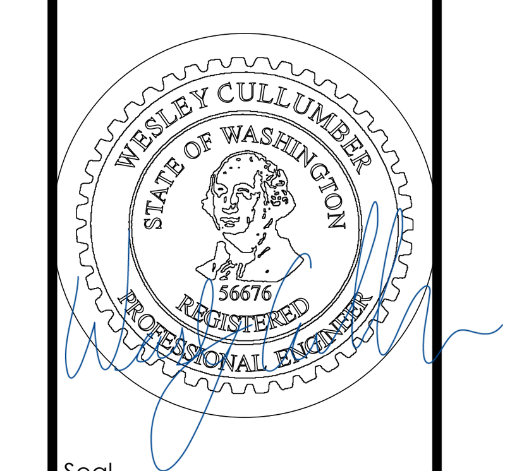
SSTB INSTALLATION AND DETAILS 9

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	KK
1	03/20/25	PLAN CHECK COMMENTS	KK

Professional of Record:

WCD
916-251-9798 | WWW.WCDASSOCIATES.COM
6930 DESTINY DRIVE SUITE #300, ROCKLIN, CA 95677

PRCNC20241917



Seal

PREPARED FOR:

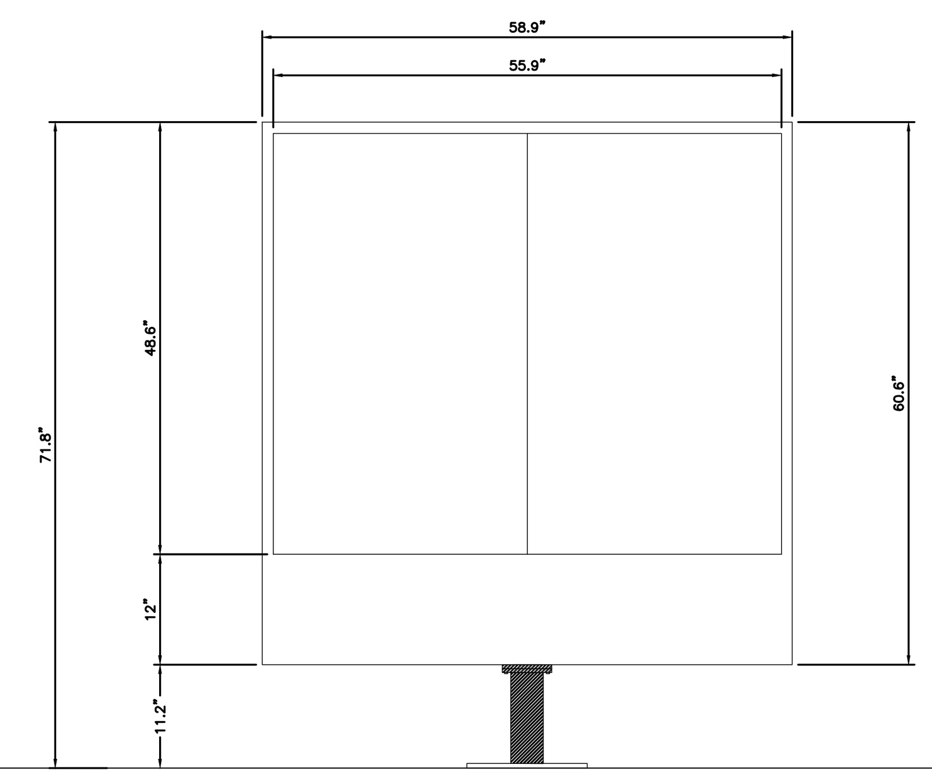
McDonald's USA, LLC

DRAWN BY ML
STD ISSUE DATE 12/10/24
REVIEWED BY KK
DATE ISSUED 03/20/25

TITLE
2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION
2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID 046-1180
SITE ADDRESS 2902 E Pioneer, Puyallup, WA 98372

046-1180.00.0
S3.2
STRUCTURAL DETAILS

MCD24092.0 – PUYALLUP, WA



ELECTRICAL: FIRST CIRCUIT: 120/1/60, 15 AMP
SECOND CIRCUIT: 120/1/60, 10 AMP

SHIP WEIGHT: 1,200 LBS.

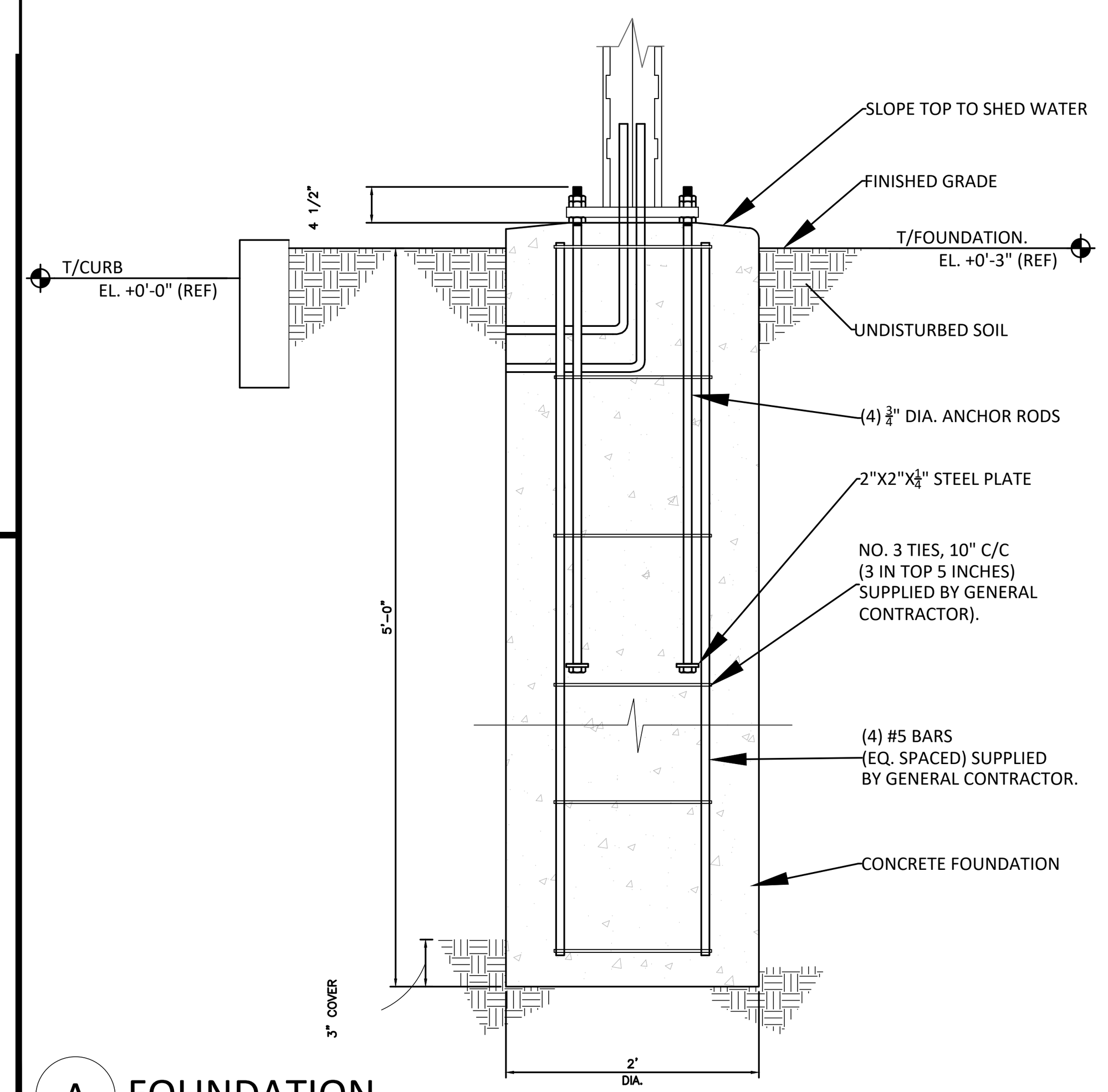
MEDIA PLAYER: STRATACACHE

GENERAL NOTES
-THE FOLLOWING CODES WERE USED IN DESIGN:
-IBC 2021
-ASCE 7-16
-ACI 318-19
-AISC 360-16
-AWS D1.1
-WIND SPEED 110 MPH (ULTIMATE WIND SPEED)
-EXPOSURE B
-DESIGN LOADS DERIVED FROM THESE CODES AND FORCES
-AXIAL- 1,260 #
-SHEAR- 542 #
-MOMENT- 2602 LB-FT
-ALL FOOTING EXCAVATIONS ARE TO BE CLEAR OF WATER AND FOREIGN MATTER BEFORE PLACING CONCRETE
-MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE OF 100 PSF/FT (X2)
-SITE SOIL CONDITIONS TO BE CONFIRMED BY GEOTECHNICAL ENGINEER, IF ASSUMED SOIL CONDITIONS ARE NOT PRESENT, FOUNDATION SHALL BE DESIGNED BY A LICENSED STRUCTURAL ENGINEER TAKING IN TO ACCOUNT
ACTUAL SITE SOIL CONDITIONS
-TOP 6" OF SOIL NEGLECTED IN EMBEDMENT DEPTH CALCULATIONS (EMBEDMENT DEPTHS SHOWN ARE FROM GRADE)
-ELECTRICAL CONTRACTOR TO PROVIDE INFORMATION ON CONDUIT AND ELECTRICAL REQUIREMENTS

CONCRETE:
-ALL FOOTINGS SHALL BEAR ON FIRM UNDISTURBED RESIDUAL SOIL AND/OR ENGINEERED EARTH FILL COMPACTED TO 98% OF ITS MAXIMUM DRY DENSITY AS PER ASTM D 698-70 (STANDARD PROCTOR) UNLESS NOTED OTHERWISE
-ALL PIERS TO EXTEND TO FROST DEPTH AS DETERMINED BY LOCAL JURISDICTION
-TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE
-MINIMUM CONCRETE STRENGTH (F'C=3,000 PSI) SHALL CONFORM WITH MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 2.13-A
-USE OF ADMIXTURES SHALL CONFORM TO MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATION SECTION 2.6
-AIR ENTERTAINMENT SHALL CONFORM WITH MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS 2.6-A AND 2.13-A
-WATER CONTENT RATIO SHALL CONFORM TO MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 2.13-A
-FOUNDATION CONCRETE TO BE TESTED PER MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 3.14
-PROVIDE A MINIMUM 3" OF CONCRETE COVER OVER ALL EMBEDDED STEEL.
-REINFORCEMENT PLACEMENT SHALL CONFORM TO MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTIONS 3.2 & 3.5 PERFORMED BY GENERAL CONTRACTOR
-ANCHOR RODS TO BE SET IN ACCORDANCE WITH AISC CODE OF STANDARD PRACTICE
-DO NOT PLACE POLES ON CONCRETE UNTIL CONCRETE HAS CURED PER MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATION SECTION 3.11-E

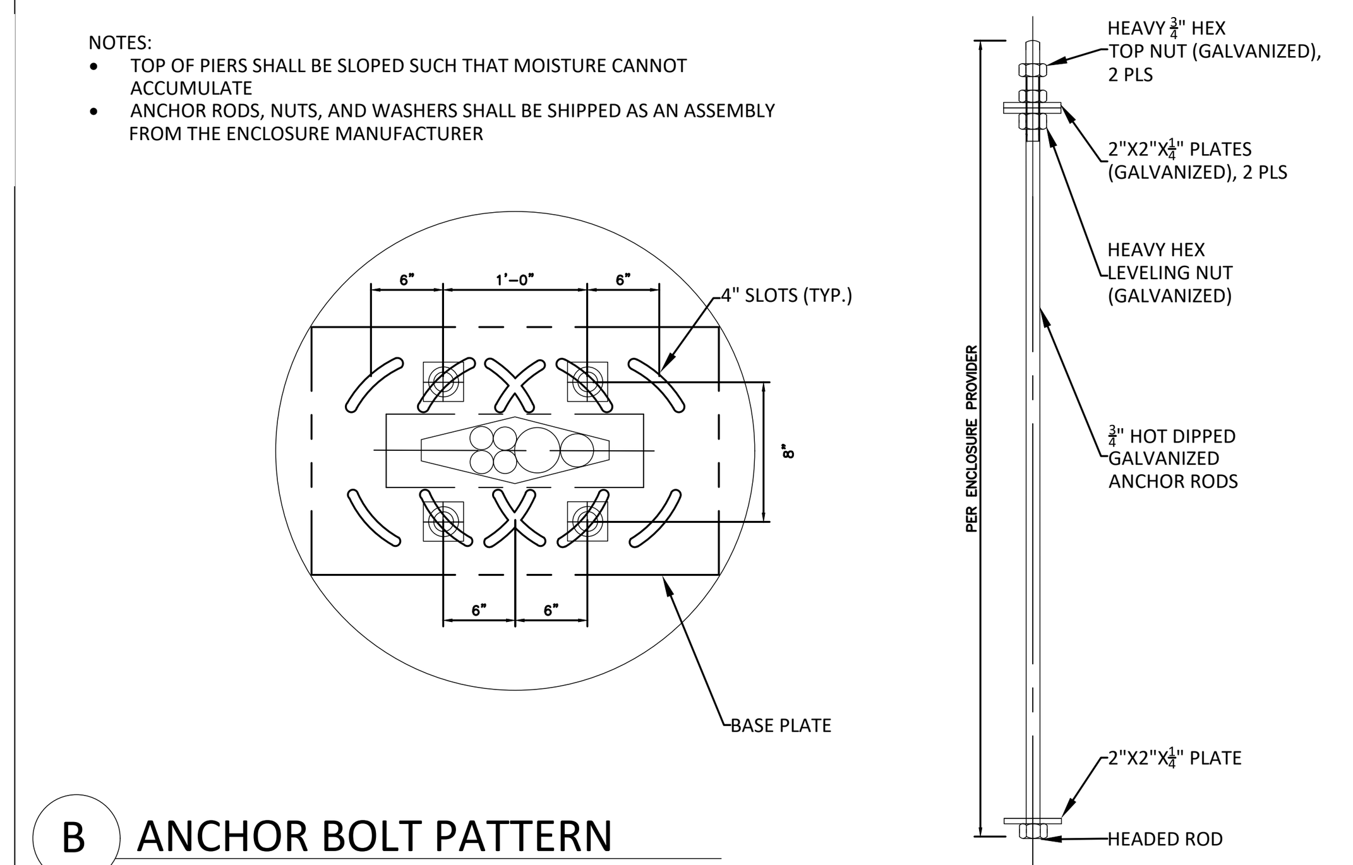
STEEL:
-STEEL PIPE SECTION: ASTM A53 OR A252 TYPE E GRADE B (Fy=35 KSI)
-HSS ROUND SECTION: ASTM A500 GRADE B (Fy= 42 KSI)
-HSS SQUARE/RECTANGULAR SECTIONS: ASTM A500 GRADE B (Fy= 46 KSI)
-HEADED ANCHOR RODS ASTM F1554 GR 55, AN ACCEPTABLE ALTERNATIVE IS ASTM F1554 GR 55, S1 WHEN THE EMBEDDED END OF THE ROD IS THREADED AND THE NUT TACK WELDED PRIOR TO GALVANIZATION.
-STEEL ANGLES, CHANNELS, STRUCTURAL SHAPES AND PLATES: ASTM A36
-REINFORCEMENT: ASTM A615 GRADE 60- BY GENERAL CONTRACTOR
-NUTS: ASTM A563A, HEAVY HEX
-WASHERS: ASTM F844 A36
-USE ASTM A153 CLASS C OT DIPPED GALVANIZED BOLTS AND FASTENERS.
-ANCHOR RODS, NUTS, AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/LIGHTING MANUFACTURER
-NO FIELD HEATING TO BEND STEEL SHALL BE ALLOWED WITHOUT ENGINEER'S APPROVAL
-DO NOT CUT ANCHOR RODS AFTER INSTALLATION OF POLE
-AFTER INSTALLATION, ALL EXPOSED STEEL SHALL BE PAINTED WITH AN ENAMEL PAINT TO INHIBIT CORROSION
-ANY FIELD WIELDING SHALL FIRST BE VERIFIED BY ENGINEER AND PERFORMED IN ACCORDANCE WITH AWS D1.1
-REFER TO SIGN MANUFACTURER DRAWINGS AND INSTRUCTIONS FOR ADDITIONAL INFORMATION

NOTES:
- PIER DEPTHS REQUIRED ARE MINIMUMS. ALL PIERS TO EXTEND TO FROST DEPTH AS DETERMINED BY LOCAL JURISDICTION.
- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
- MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE 100 PSF/FT OF DEPTH (X2)
- ALL REINFORCING STEEL BY GENERAL CONTRACTOR.



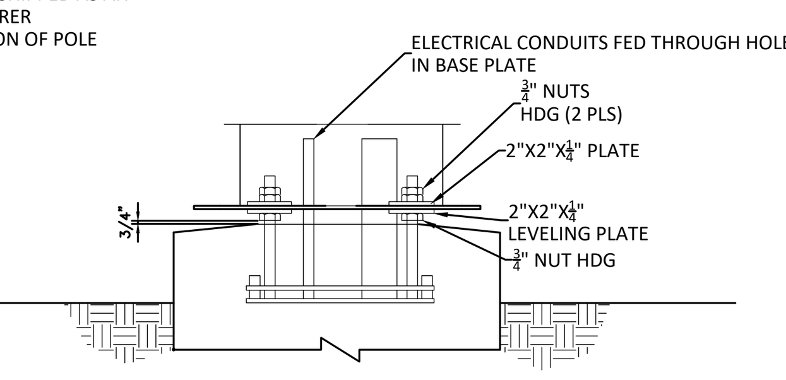
A FOUNDATION

NOTES:
- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE
- ANCHOR RODS, NUTS, AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE ENCLOSURE MANUFACTURER



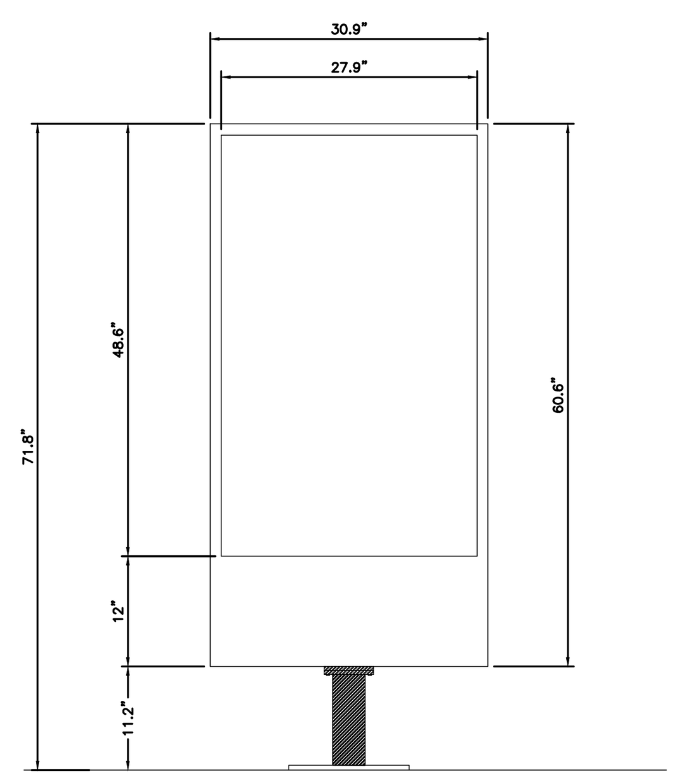
B ANCHOR BOLT PATTERN

NOTES:
- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE
- ANCHOR RODS, NUTS, AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE ENCLOSURE MANUFACTURER
- DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF POLE



C CONNECTION DETAILS

1 DIGITAL MENU BOARD
SCALE: NONE



ELECTRICAL: FIRST CIRCUIT: 120/1/60, 15 AMP
SECOND CIRCUIT: 120/1/60, 10 AMP

SHIP WEIGHT: 350 LBS.

MEDIA PLAYER: STRATACACHE

GENERAL NOTES
-THE FOLLOWING CODES WERE USED IN DESIGN:
-IBC 2021
-ASCE 7-16
-ACI 318-19
-AISC 360-16
-AWS D1.1
-WIND SPEED 110 MPH (ULTIMATE WIND SPEED)
-EXPOSURE B
-DESIGN LOADS DERIVED FROM THESE CODES AND FORCES
-AXIAL- 410 #
-SHEAR- 172 #
-MOMENT- 826 LB-FT
-ALL FOOTING EXCAVATIONS ARE TO BE CLEAR OF WATER AND FOREIGN MATTER BEFORE PLACING CONCRETE
-MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE OF 100 PSF/FT (X2)
-SITE SOIL CONDITIONS TO BE CONFIRMED BY GEOTECHNICAL ENGINEER, IF ASSUMED SOIL CONDITIONS ARE NOT PRESENT, FOUNDATION SHALL BE DESIGNED BY A LICENSED STRUCTURAL ENGINEER TAKING IN TO ACCOUNT
ACTUAL SITE SOIL CONDITIONS
-TOP 6" OF SOIL NEGLECTED IN EMBEDMENT DEPTH CALCULATIONS (EMBEDMENT DEPTHS SHOWN ARE FROM GRADE)
-ELECTRICAL CONTRACTOR TO PROVIDE INFORMATION ON CONDUIT AND ELECTRICAL REQUIREMENTS

CONCRETE:
-ALL FOOTINGS SHALL BEAR ON FIRM UNDISTURBED RESIDUAL SOIL AND/OR ENGINEERED EARTH FILL COMPACTED TO 98% OF ITS MAXIMUM DRY DENSITY AS PER ASTM D 698-70 (STANDARD PROCTOR) UNLESS NOTED OTHERWISE
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-MINIMUM CONCRETE STRENGTH (F'C=3,000 PSI) SHALL CONFORM WITH MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 2.13-A
-USE OF ADMIXTURES SHALL CONFORM TO MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATION SECTION 2.6
-AIR ENTERTAINMENT SHALL CONFORM WITH MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS 2.6-A AND 2.13-A
-WATER CONTENT RATIO SHALL CONFORM TO MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTION 2.13-A
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-REINFORCEMENT PLACEMENT SHALL CONFORM TO MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATIONS SECTIONS 3.2 & 3.5 PERFORMED BY GENERAL CONTRACTOR
-ANCHOR RODS TO BE SET IN ACCORDANCE WITH AISC CODE OF STANDARD PRACTICE
-DO NOT PLACE POLES ON CONCRETE UNTIL CONCRETE HAS CURED PER MCDONALD'S CAST-IN-PLACE CONCRETE SPECIFICATION SECTION 3.11-E

STEEL:
-STEEL PIPE SECTION: ASTM A53 OR A252 TYPE E GRADE B (Fy=35 KSI)
-HSS ROUND SECTION: ASTM A500 GRADE B (Fy= 42 KSI)
-HSS SQUARE/RECTANGULAR SECTIONS: ASTM A500 GRADE B (Fy= 46 KSI)
-HEADED ANCHOR RODS ASTM F1554 GR 55, AN ACCEPTABLE ALTERNATIVE IS ASTM F1554 GR 55, S1 WHEN THE EMBEDDED END OF THE ROD IS THREADED AND THE NUT TACK WELDED PRIOR TO GALVANIZATION.
-STEEL ANGLES, CHANNELS, STRUCTURAL SHAPES AND PLATES: ASTM A36
-REINFORCEMENT: ASTM A615 GRADE 60- BY GENERAL CONTRACTOR
-NUTS: ASTM A563A, HEAVY HEX
-WASHERS: ASTM F844 A36
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NOTES:
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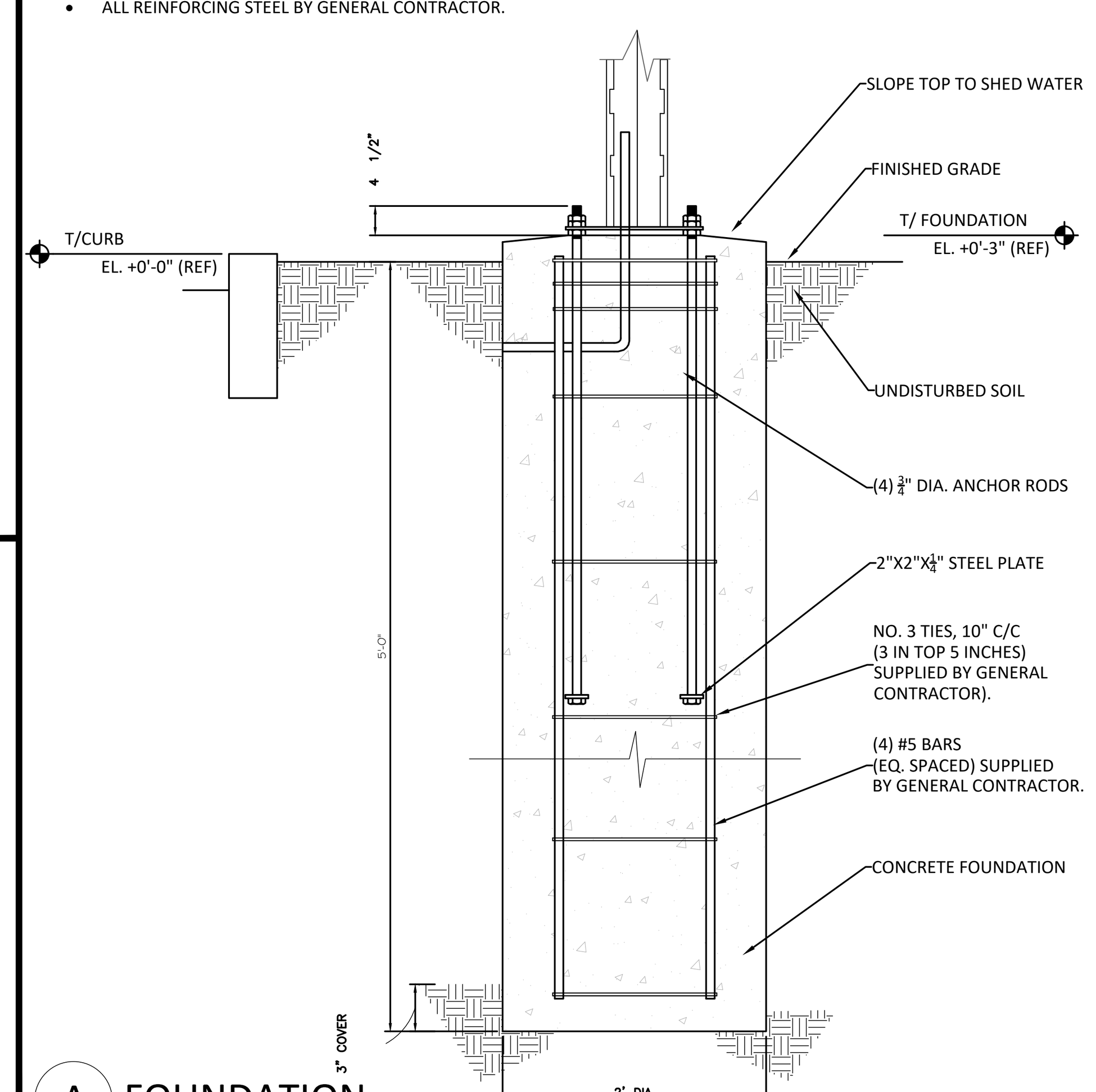
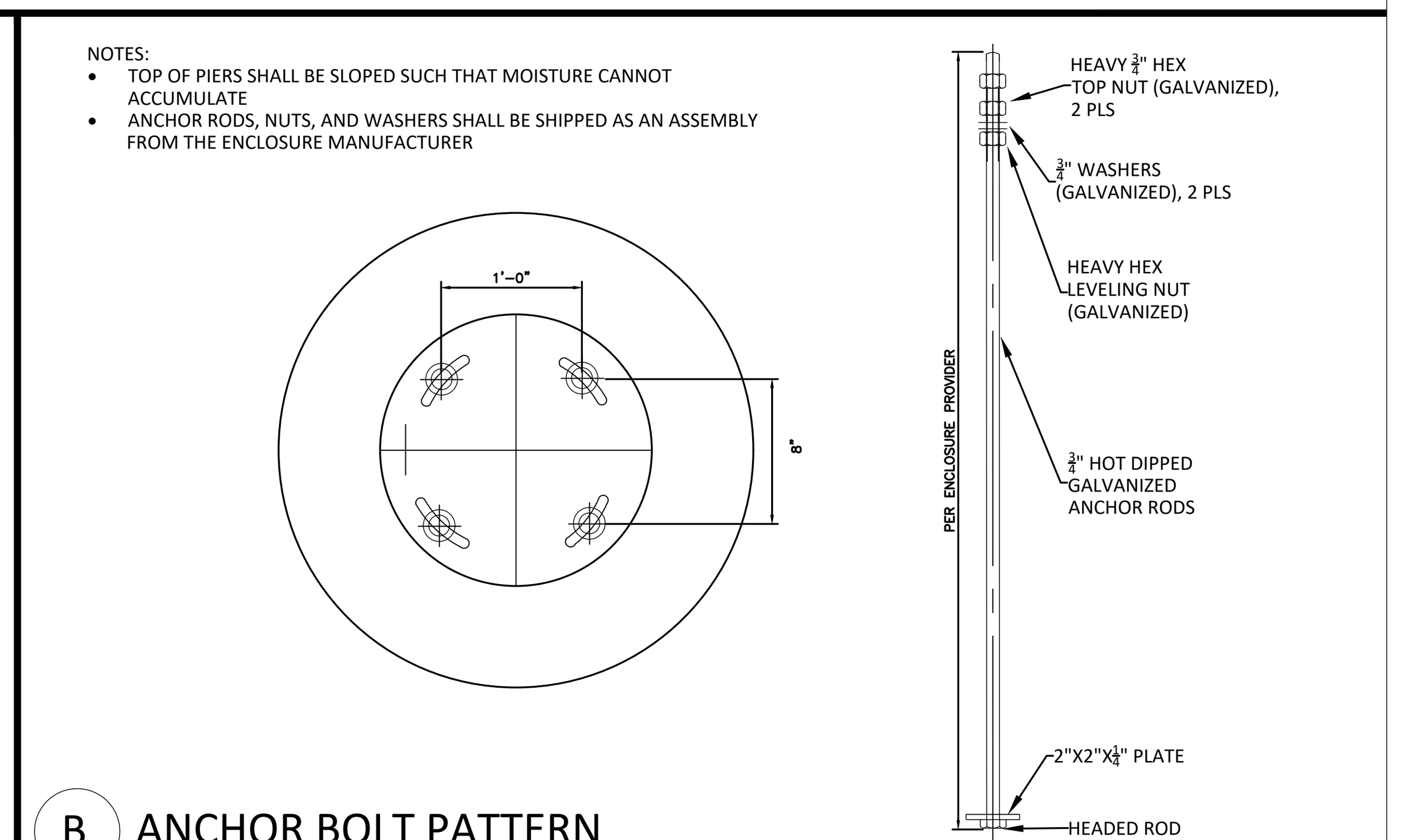
- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
- MINIMUM ALLOWABLE LATERAL SOIL BEARING PRESSURE 100 PSF/FT OF DEPTH (X2)
- ALL REINFORCING STEEL BY GENERAL CONTRACTOR.



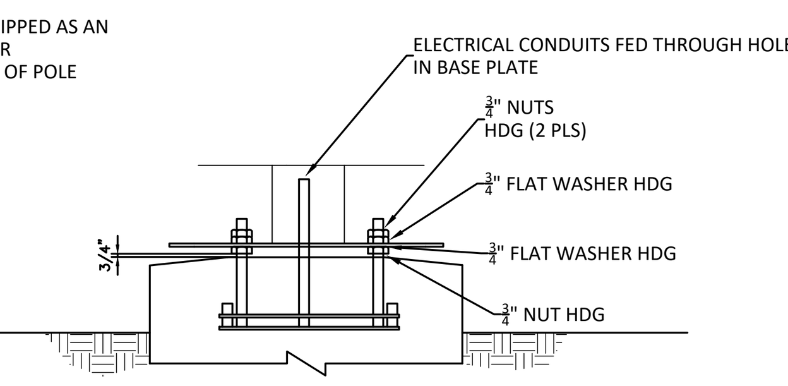
A FOUNDATION

NOTES:
- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE
- ANCHOR RODS, NUTS, AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE ENCLOSURE MANUFACTURER



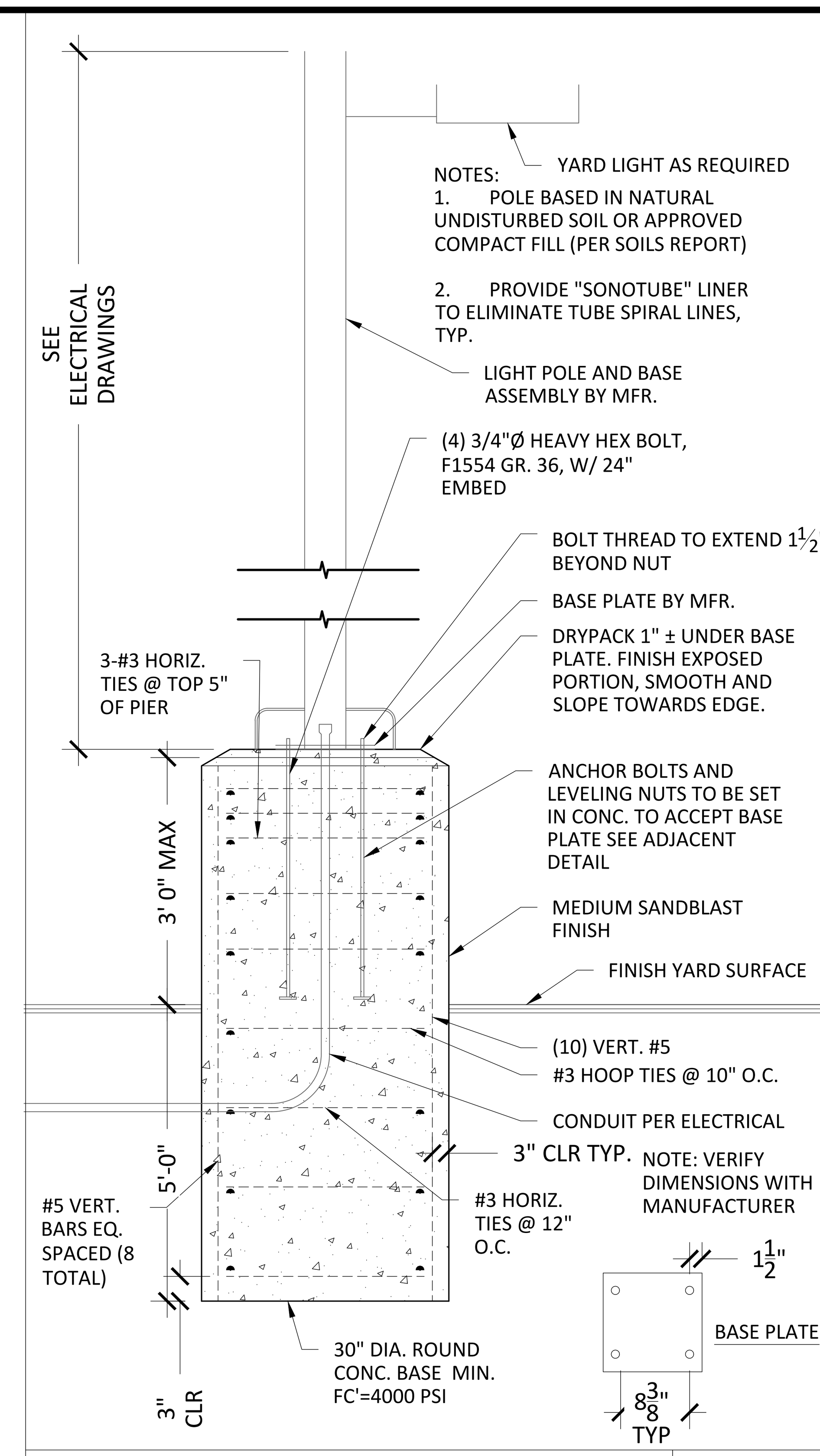
B ANCHOR BOLT PATTERN

NOTES:
- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE
- ANCHOR RODS, NUTS, AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE ENCLOSURE MANUFACTURER
- DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF POLE



C CONNECTION DETAILS

2 DIGITAL PRE-BROWSE BOARD
SCALE: NONE



LIGHT POLE FOOTING 3

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	KK
△	03/20/25	PLAN CHECK COMMENTS	KK

Professional of Record:

WCD
916.251.9798 | WWW.WCDASSOCIATES.COM
6930 DESTINY DRIVE SUITE #300, ROCKLIN, CA 95677

PRCNC20241917

WESLEY CULLUMBER
STATE OF WASHINGTON
56676
REGISTERED PROFESSIONAL ENGINEER

Seal

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY: ML
STD ISSUE DATE: 12/10/24
REVIEWED BY: KK
DATE ISSUED: 03/20/25

TITLE
2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

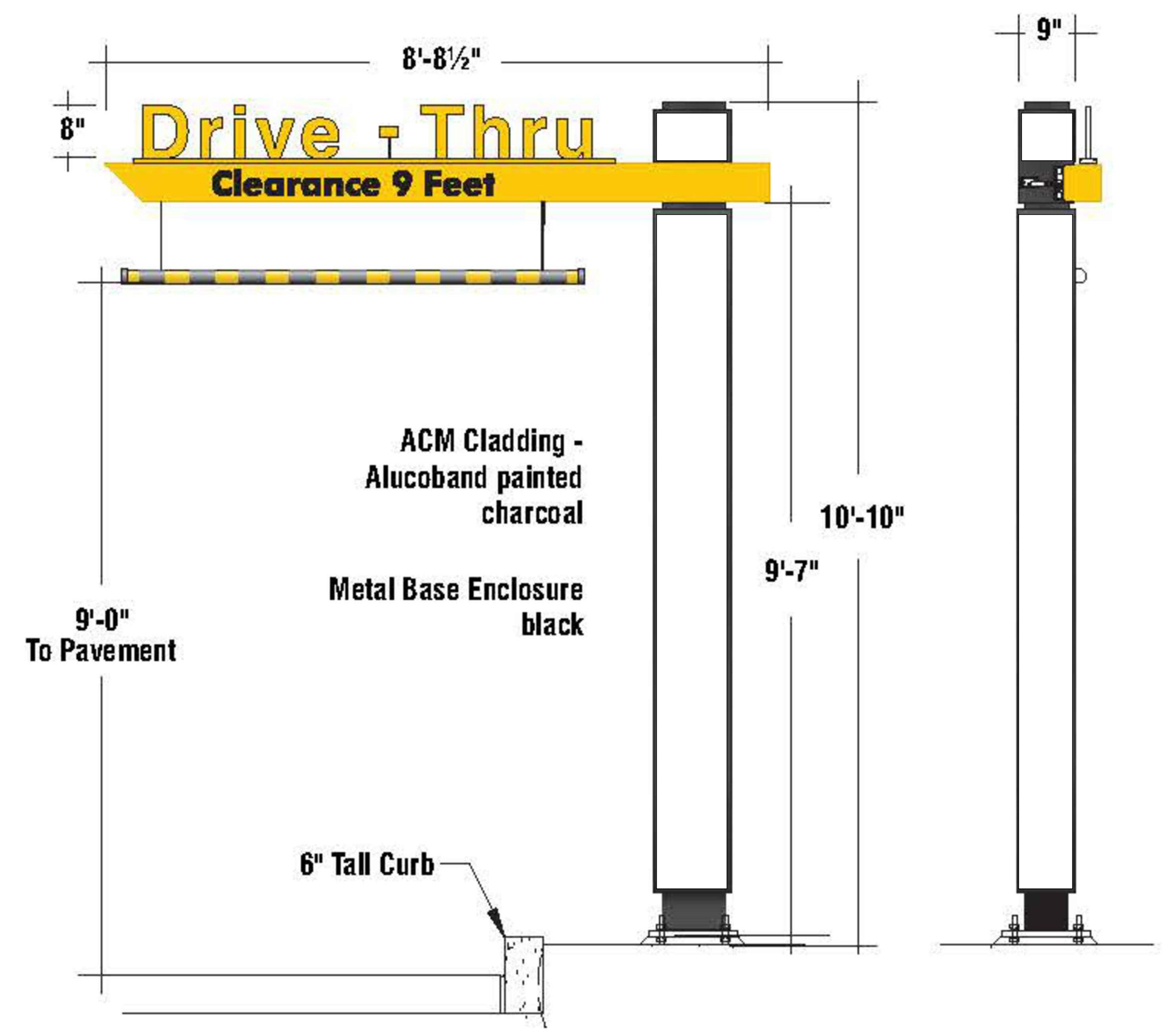
DESCRIPTION
2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID: 046–1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

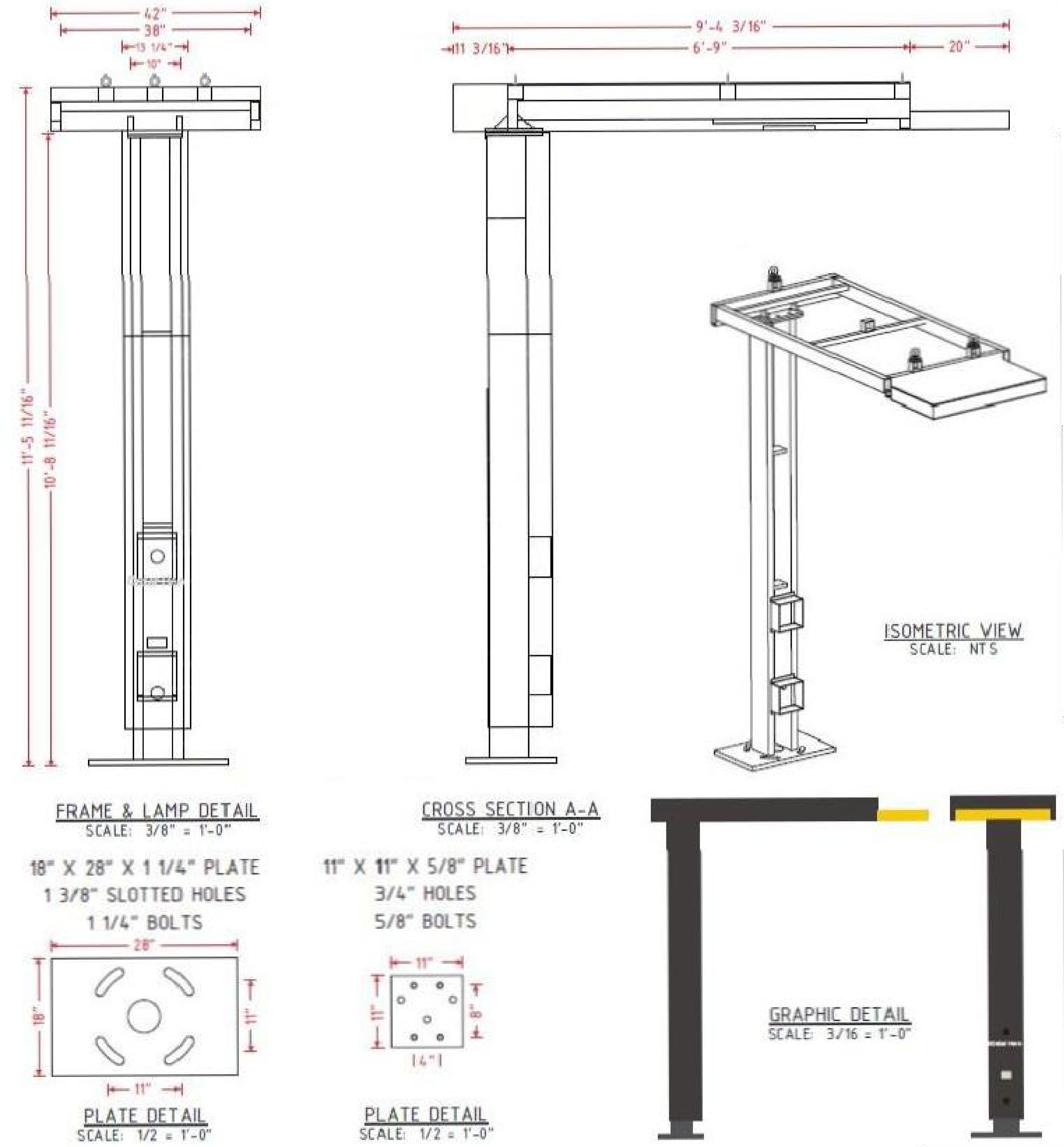
046–1180.00.0
S3.3
MENU BOARD FOOTING DETAILS

MCD24092.0 – PUYALLUP, WA

Z:\PROJECTS\E.PIONEERWY_PM-MCD#461172-NEW_(CN112124)\CAD - STRUCTURAL\E.PIONEERWY_PM-MCD#461172-NEW_(CN112124).DWG 3/20/2025 4:08 PM EMMA BROWN



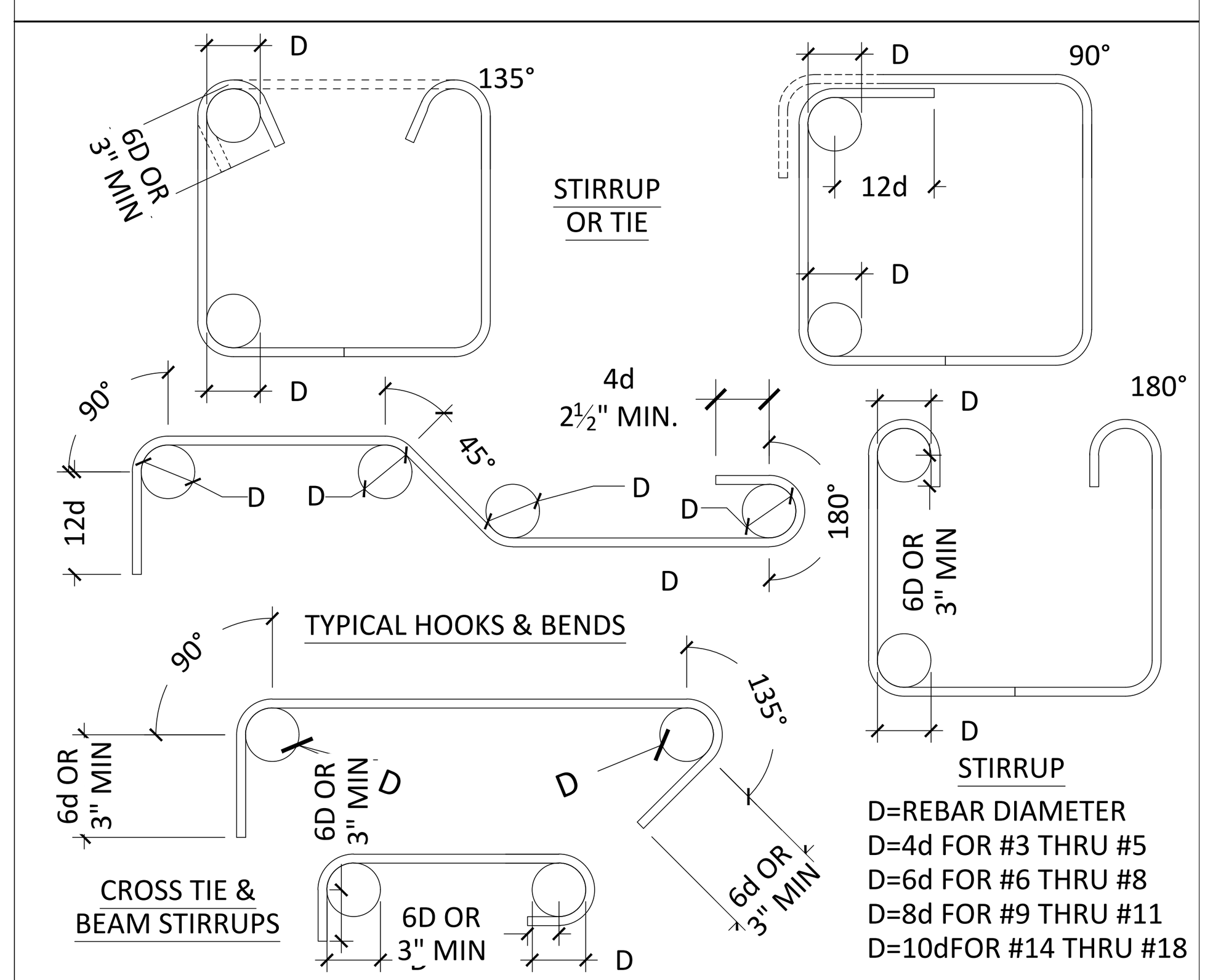
DRIVE THRU GATEWAY 7



DRIVE THRU CANOPY 9

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

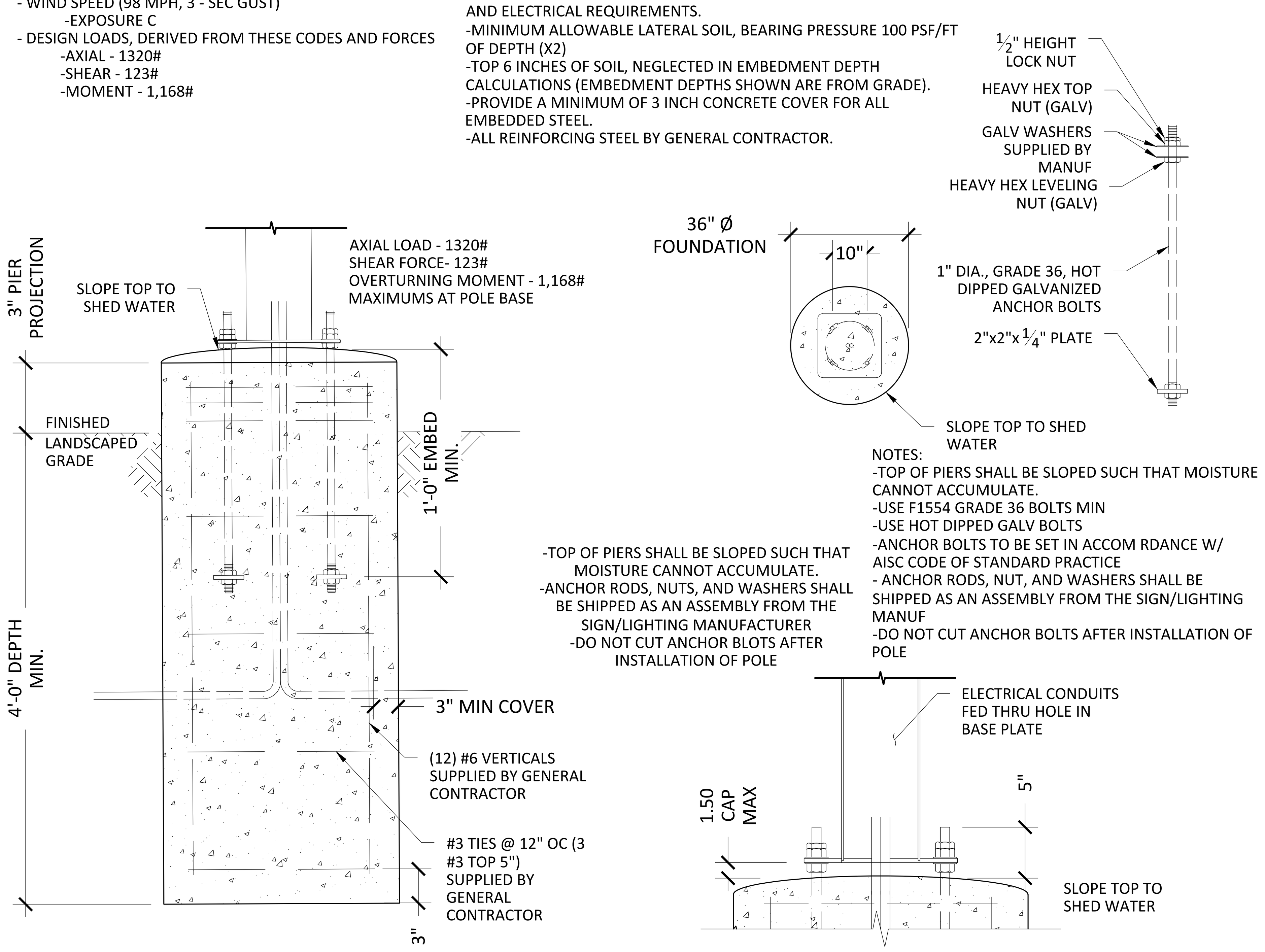
Building	Planning
Engineering	Public Works
Fire	Traffic



TYPICAL REINFORCING BAR BENDS 10

NOTE:
- DESIGN CODES
  - IBC 2021
  - ASCE 7-16
  - ACI 318-19
  - AISC EDITION 15TH
  - AWS D1.1
- WIND SPEED (98 MPH, 3 - SEC GUST)
  - EXPOSURE C
- DESIGN LOADS, DERIVED FROM THESE CODES AND FORCES
  - AXIAL - 1320#
  - SHEAR - 123#
  - MOMENT - 1,168#

- USE CONCRETE WITH A 3000 PSI, MINIMUM COMPRESSIVE STRENGTH (f'c)
- PIER DEPTHS REQUIRED ARE MINIMUMS. ALL PIERS TO EXTEND TO FROST DEPTH AS DETERMINED BY LOCAL JURISDICTION.
- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
- ELECTRICAL CONTRACTOR TO PROVIDE INFORMATION ON CONDUIT AND ELECTRICAL REQUIREMENTS.
- MINIMUM ALLOWABLE LATERAL SOIL, BEARING PRESSURE 100 PSF/FT OF DEPTH (X2)
- TOP 6 INCHES OF SOIL, NEGLECTED IN EMBEDMENT DEPTH CALCULATIONS (EMBEDMENT DEPTHS SHOWN ARE FROM GRADE).
- PROVIDE A MINIMUM OF 3 INCH CONCRETE COVER FOR ALL EMBEDDED STEEL.
- ALL REINFORCING STEEL BY GENERAL CONTRACTOR.



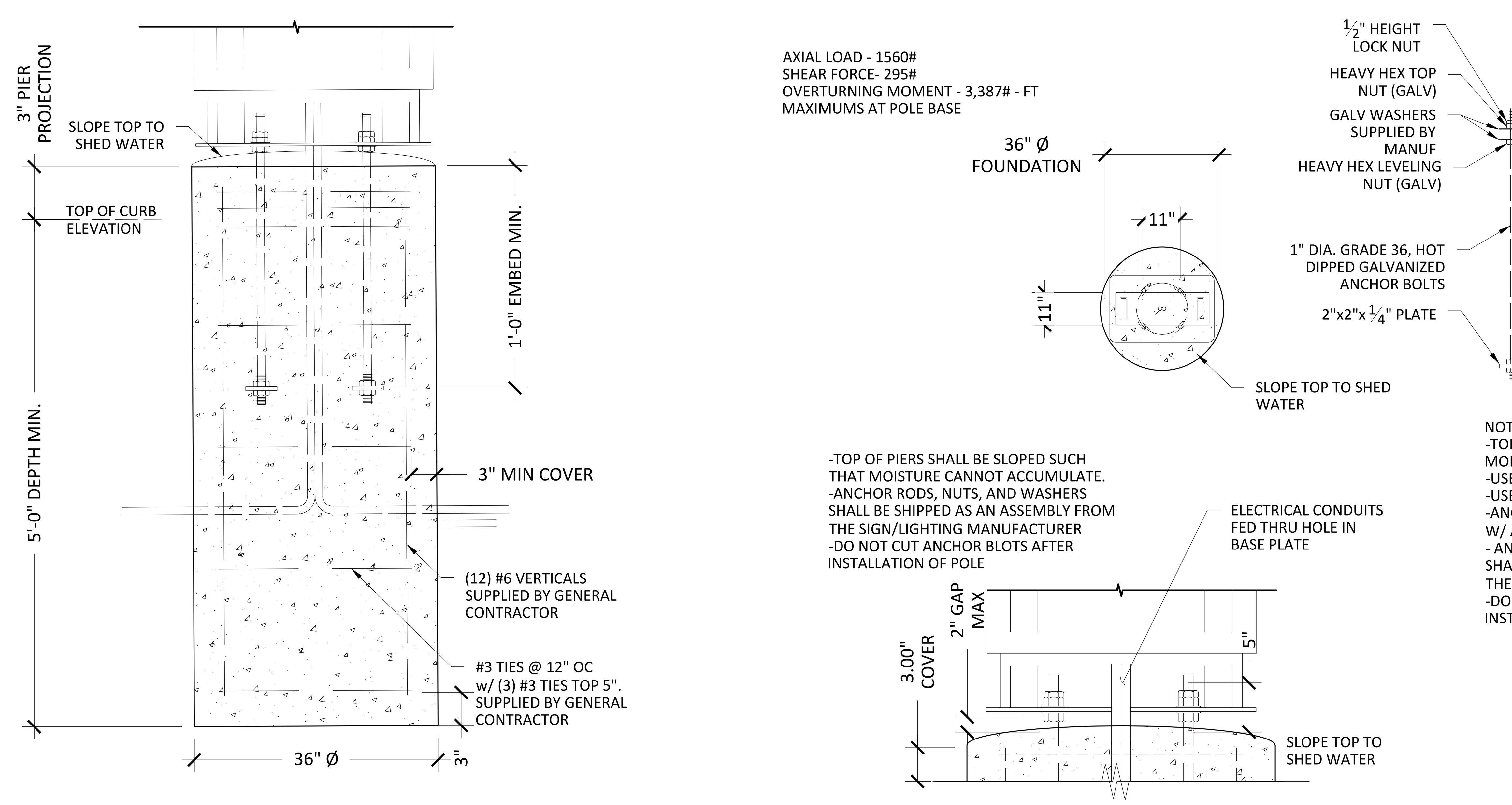
-TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
-ANCHOR RODS, NUTS, AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/LIGHTING MANUFACTURER
-DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF POLE

NOTES:
-TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
-USE F1554 GRADE 36 BOLTS MIN
-USE HOT DIPPED GALV BOLTS
-ANCHOR BOLTS TO BE SET IN ACCOM RDANCE W/ AISC CODE OF STANDARD PRACTICE
- ANCHOR RODS, NUT, AND WASHERS SHALL BE SHIPPED AS AN ASSEMBLY FROM THE SIGN/LIGHTING MANUF
-DO NOT CUT ANCHOR BOLTS AFTER INSTALLATION OF POLE

DRIVE THRU GATEWAY 17

NOTE:
- DESIGN CODES
  - IBC 2021
  - ASCE 7-16
  - ACI 318-19
  - AISC EDITION 15TH
  - AWS D1.1
- WIND SPEED (98 MPH, 3 - SEC GUST)
  - EXPOSURE C
- DESIGN LOADS, DERIVED FROM THESE CODES AND FORCES (#,#-FT)
  - AXIAL - 1560#
  - SHEAR - 295#
  - MOMENT - 3,387# - FT

- USE CONCRETE WITH A 3000 PSI, MINIMUM COMPRESSIVE STRENGTH (f'c)
- PIER DEPTHS REQUIRED ARE MINIMUMS. ALL PIERS TO EXTEND TO FROST DEPTH AS DETERMINED BY LOCAL JURISDICTION.
- TOP OF PIERS SHALL BE SLOPED SUCH THAT MOISTURE CANNOT ACCUMULATE.
- ELECTRICAL CONTRACTOR TO PROVIDE INFORMATION ON CONDUIT AND ELECTRICAL REQUIREMENTS.
- MINIMUM ALLOWABLE LATERAL SOIL, BEARING PRESSURE 100 PSF/FT OF DEPTH (X2)
- TOP 6 INCHES OF SOIL, NEGLECTED IN EMBEDMENT DEPTH CALCULATIONS (EMBEDMENT DEPTHS SHOWN ARE FROM GRADE).
- PROVIDE A MINIMUM OF 3 INCH CONCRETE COVER FOR ALL EMBEDDED STEEL.
- FOUNDATIONS ARE DESIGNED FOR SINGLE OR DOUBLE POLE COLUMNS.
- ALL REINFORCING STEEL BY GENERAL CONTRACTOR.



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DRIVE THRU CANOPY 20

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	KK
1	03/20/25	PLAN CHECK COMMENTS	KK

Professional of Record:

WCD
916-251-9798 | WWW.WCDASSOCIATES.COM
6930 DESTINY DRIVE SUITE #300, ROCKLIN, CA 95677

PRCNC20241917

Seal

PREPARED FOR:

McDonald's USA, LLC

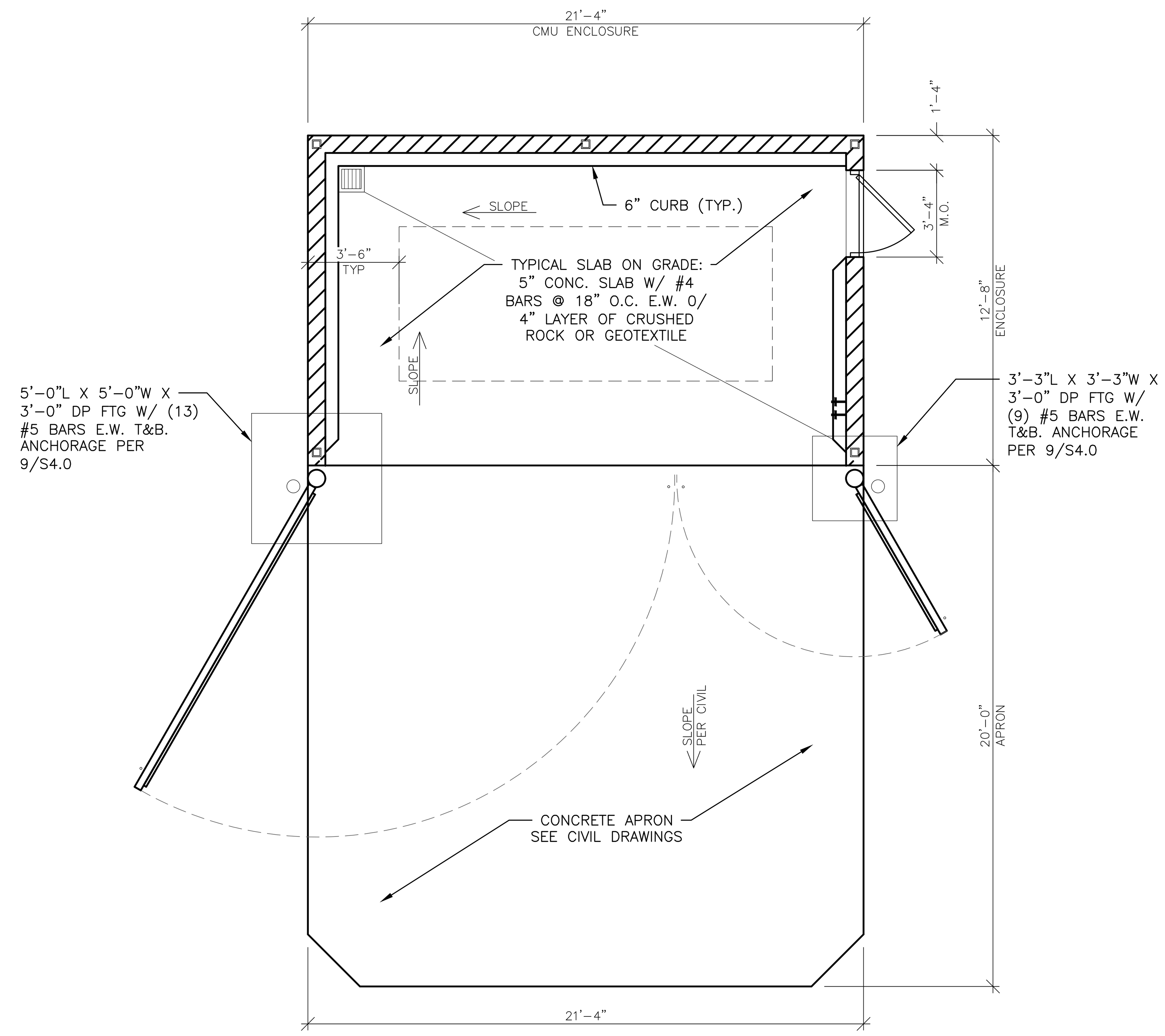
DRAWN BY: ML
STD ISSUE DATE: 12/10/24
REVIEWED BY: KK
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS, WOOD ROOF TRUSS FRAMING, STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1180
SITE ADDRESS: 2902 E. Pioneer, Puyallup, WA 98372

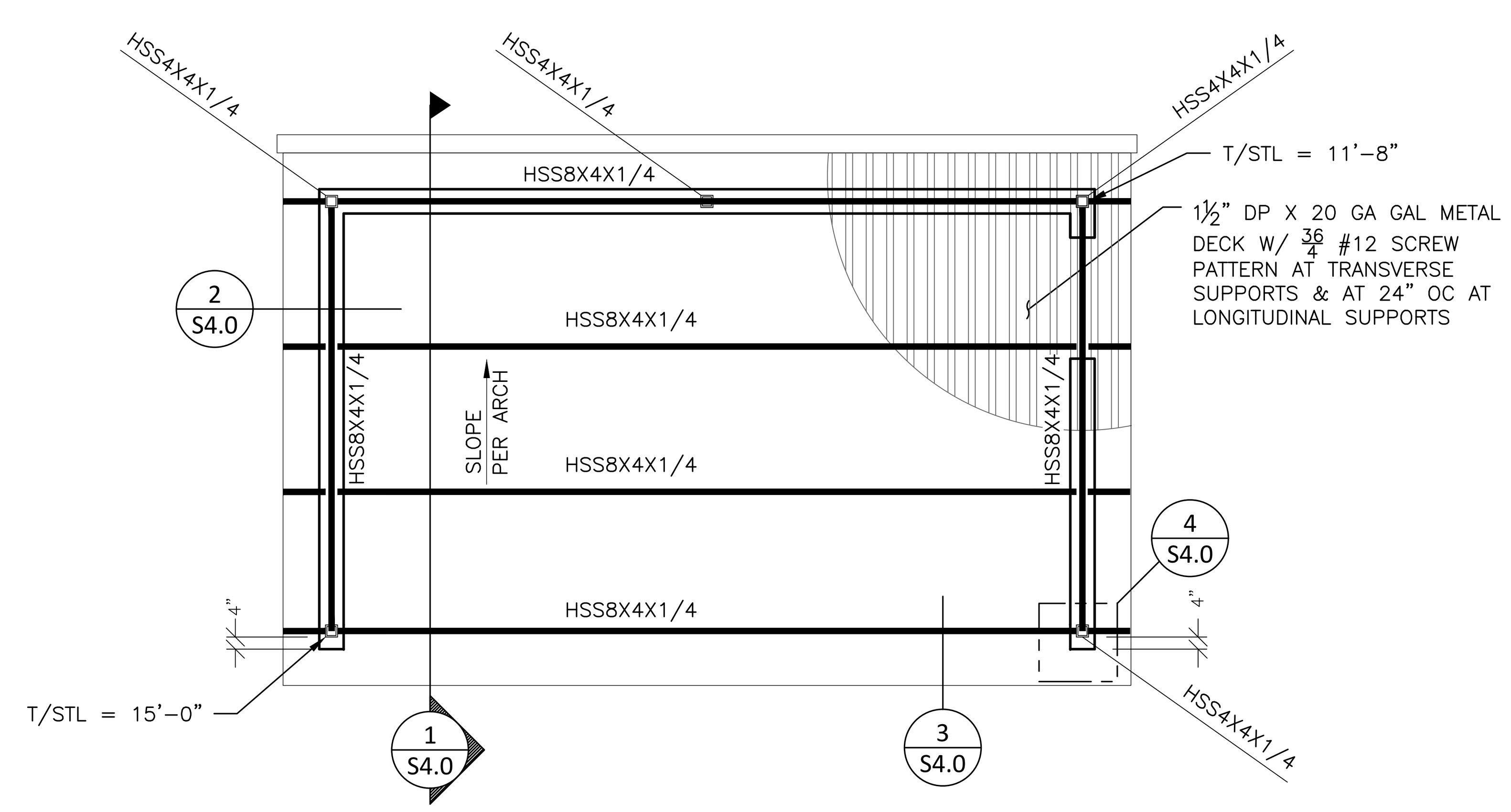
046-1180.00.0
S3.4
DRIVE THRU FOOTING DETAILS

MCD24092.0 – PUYALLUP, WA

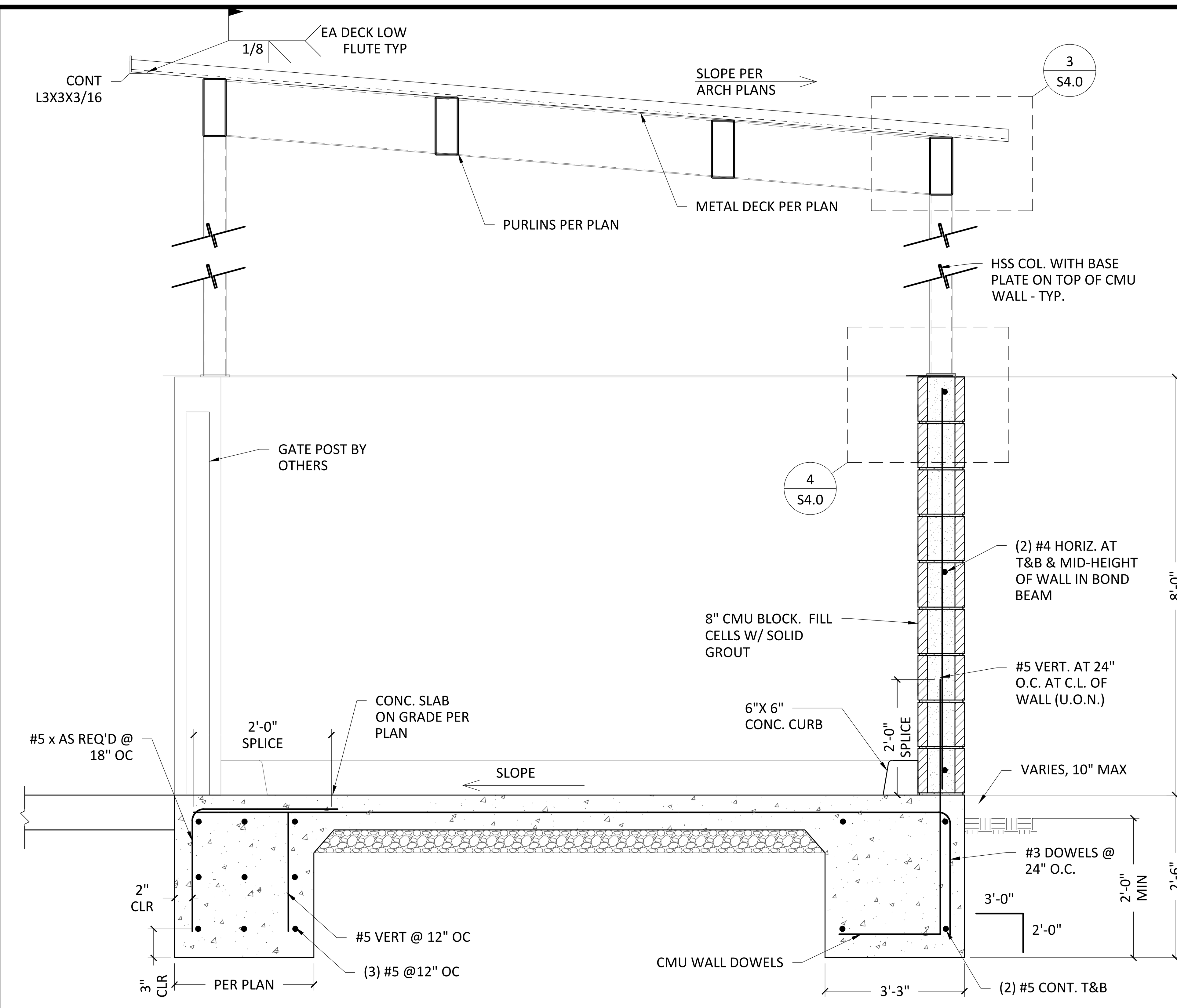
Z:\PROJECTS\E PIONEERWY_PM\MCD#461172-NEW_(CN112124)\CAD - STRUCTURAL\E PIONEERWY_PM\MCD#461172-NEW_(CN112124).DWG 3/20/2025 4:08 PM EMMA BROWN



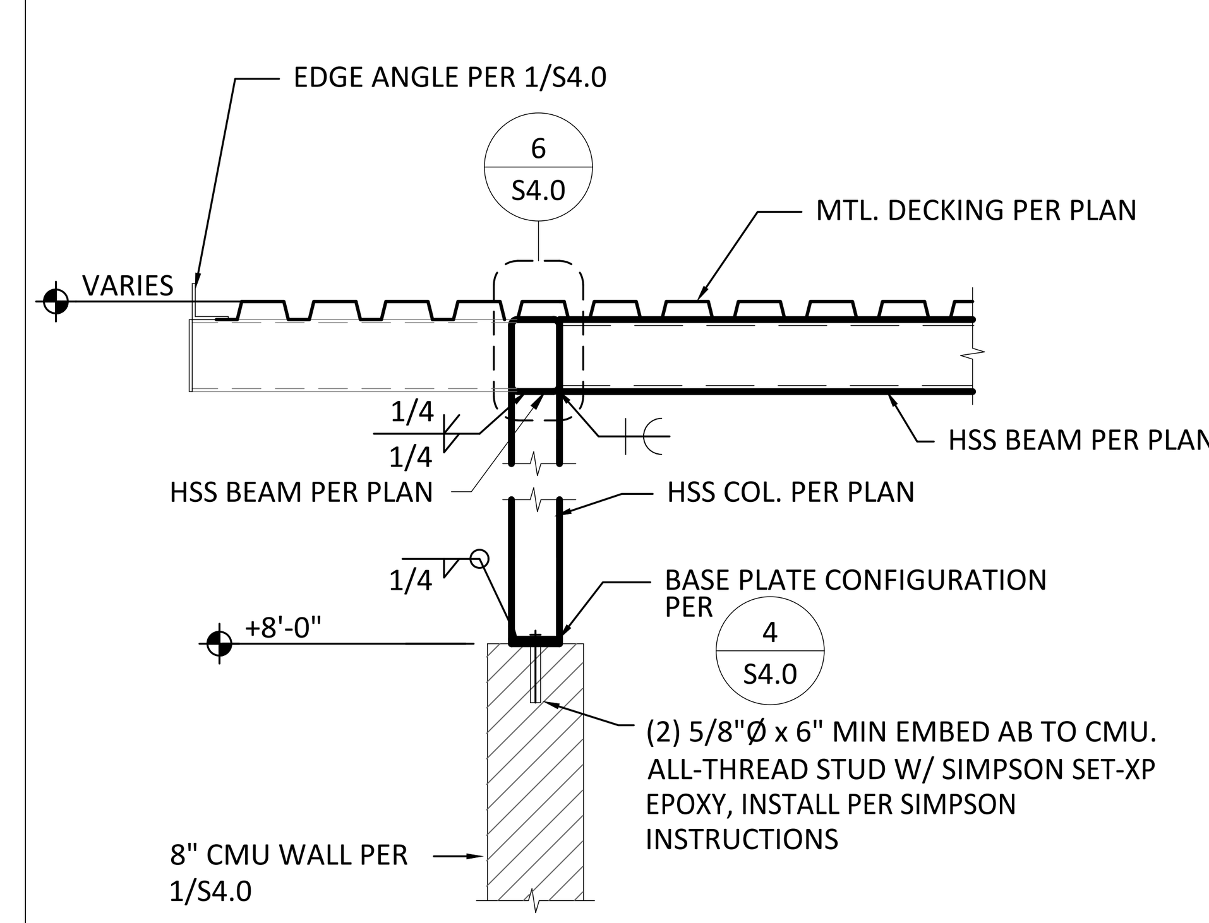
1 S4.0 TRASH FOUNDATION PLAN
1/4"=1'-0"



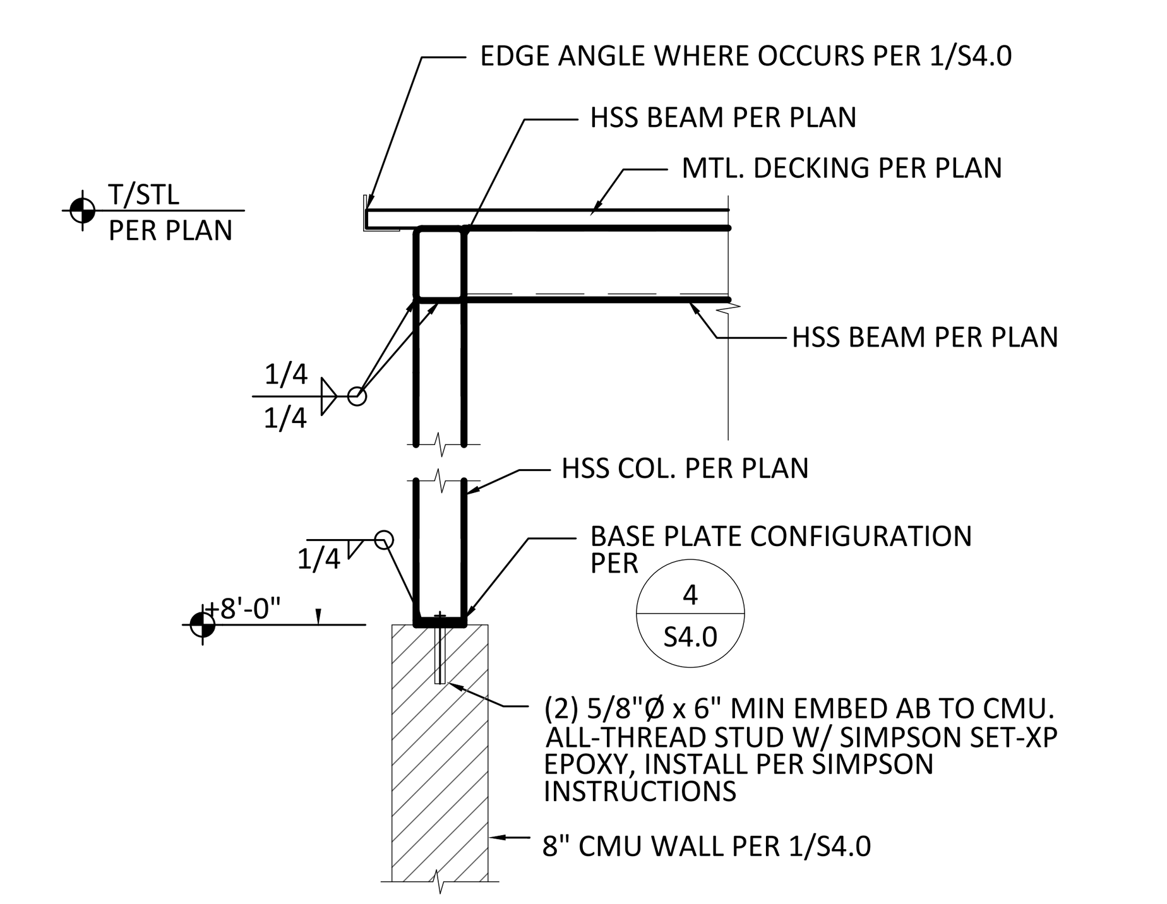
2 S4.0 TRASH ROOF PLAN
1/4"=1'-0"



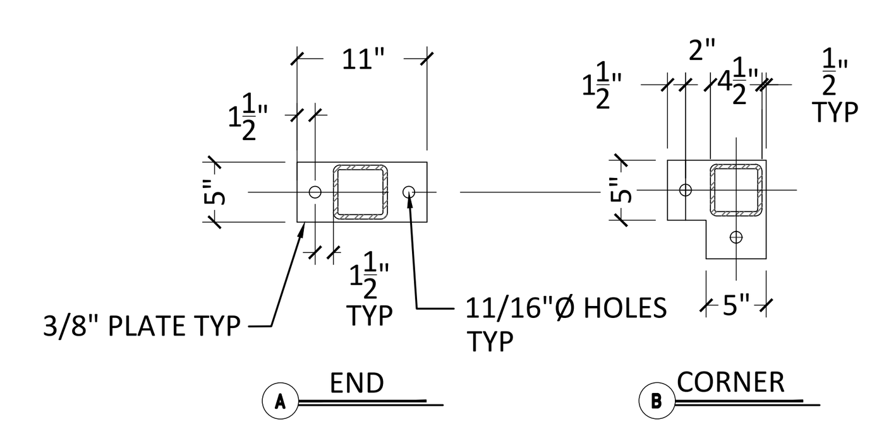
TRASH ENCLOSURE SECTION 1



EAVE DETAIL 2

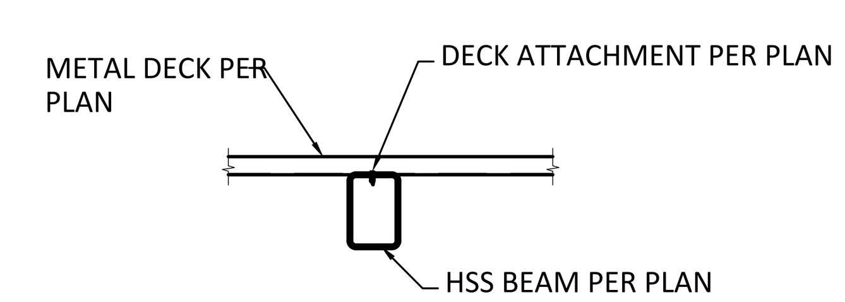


EAVE DETAIL 3

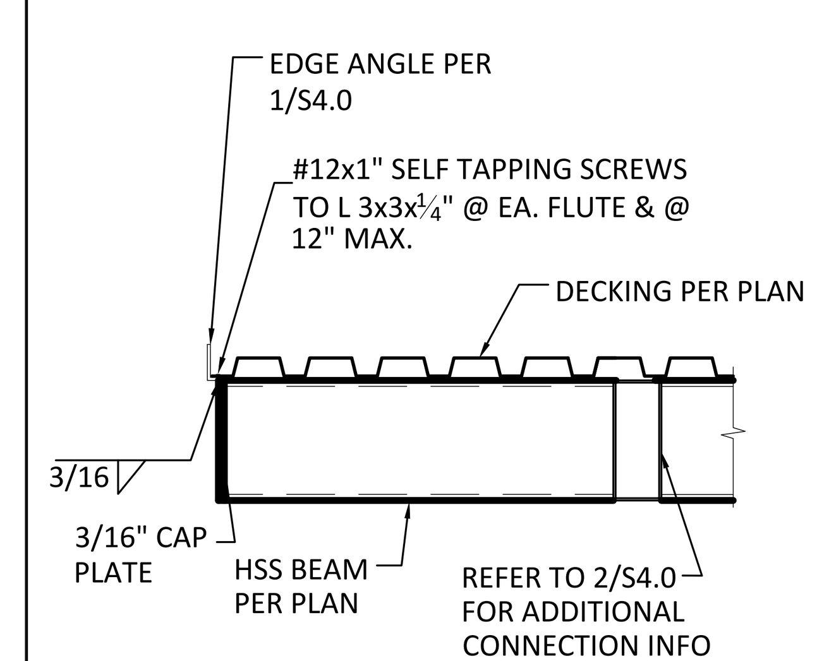


NOTE:
REFERENCE 2/S4.0 FOR ADDITIONAL INFORMATION

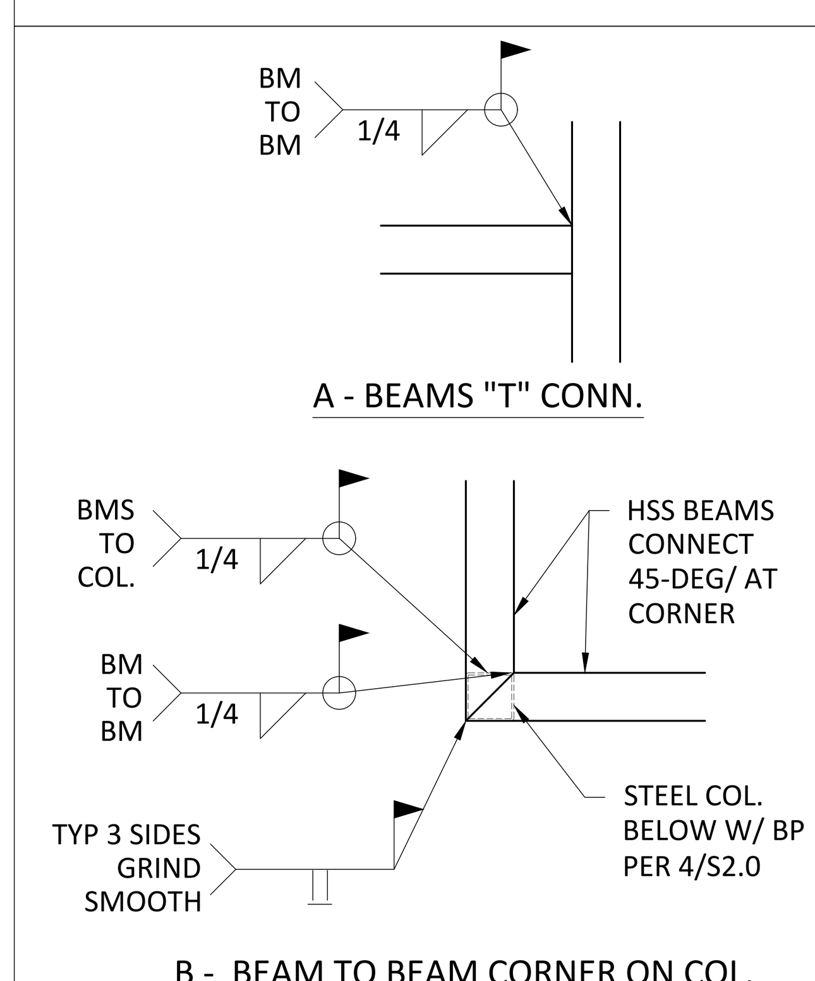
BASE PLATE DETAILS 4



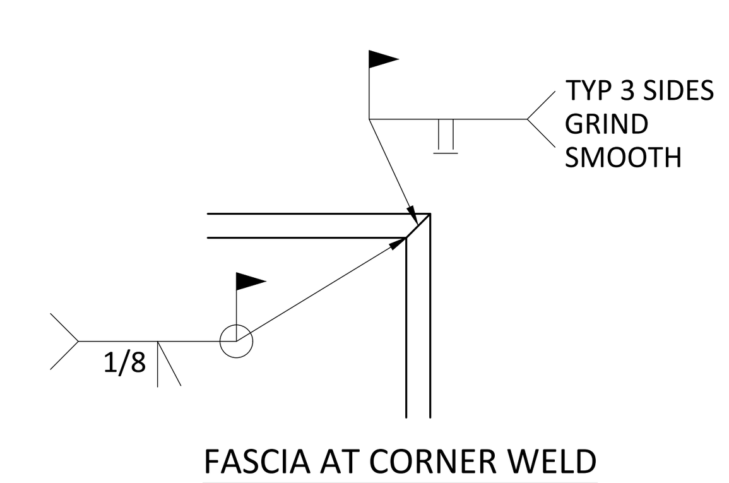
DECK ATTACHMENT 5



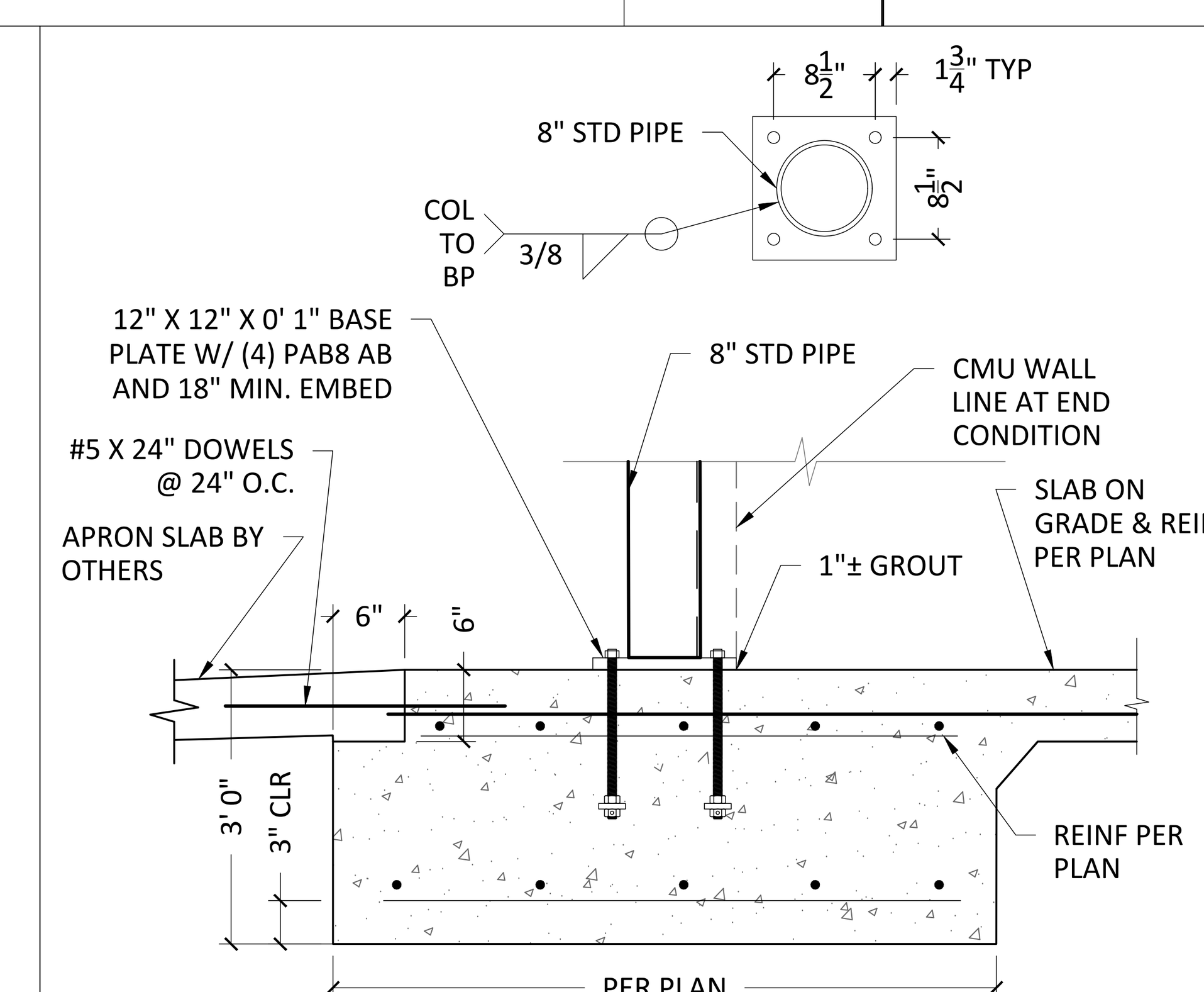
DECK END DETAIL 6



BEAM TO BEAM CONNECTION 7



BEAMS AT "T" CONNECTION 8



GATE POST ANCHORAGE 9

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	KK
△	03/20/25	PLAN CHECK COMMENTS	KK

Professional of Record:

WCD
916-251-9798 | WWW.WCDASSOCIATES.COM
6930 DESTINY DRIVE SUITE #300, ROCKLIN, CA 95677

PRCNC20241917

WESLEY CULLUMBER
STATE OF WASHINGTON
56676
REGISTERED PROFESSIONAL ENGINEER

Seal

PREPARED FOR:
McDonald's USA, LLC

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

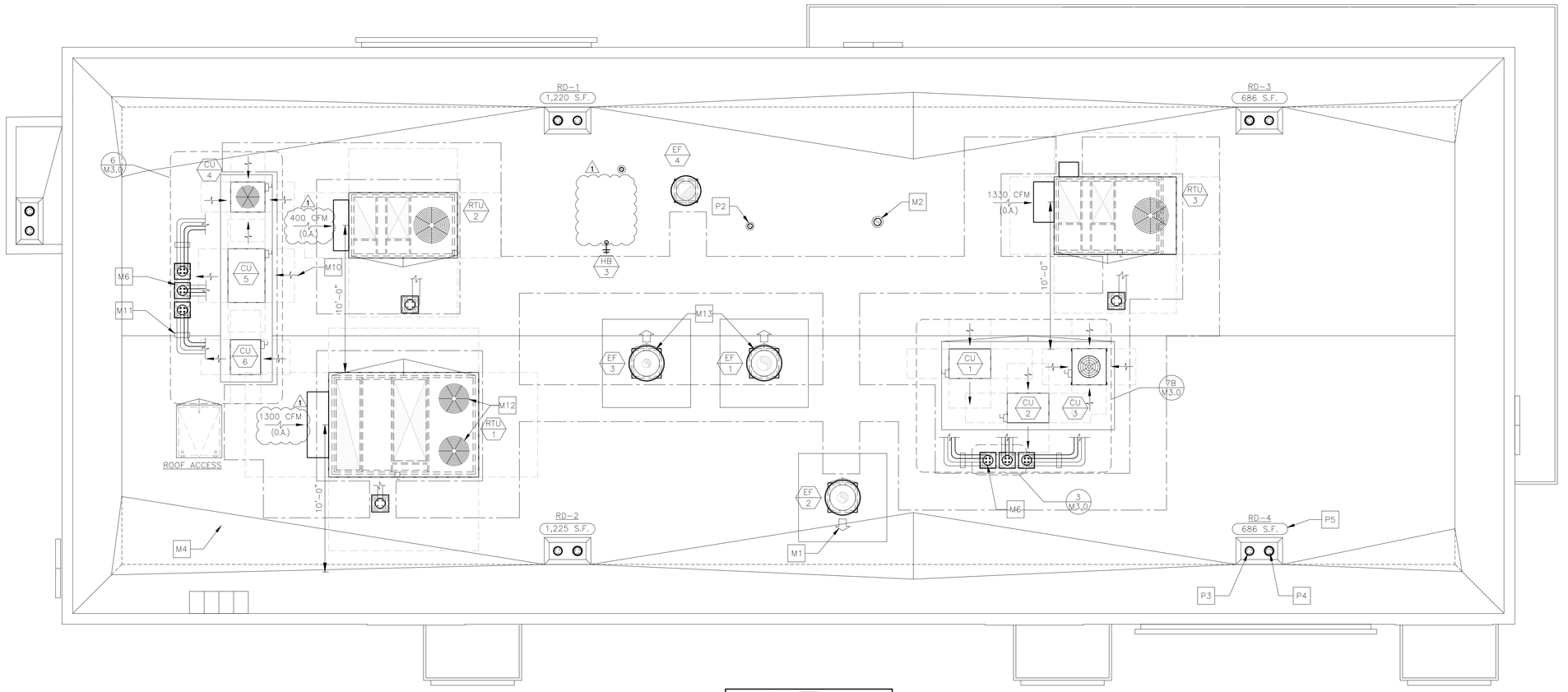
Building	Planning
Engineering	Public Works
Fire	Traffic

DRAWN BY: ML
STD ISSUE DATE: 12/10/24
REVIEWED BY: KK
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS, WOOD ROOF TRUSS FRAMING, STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

046-1180.00.0
S4.0
MENU BOARD FOOTING DETAILS

MCD24092.0 – PUYALLUP, WA



1 M1.0 ROOF PLAN
1/4"=1'-0"

CONDENSATE LINE FROM RTUs DOWN THROUGH THE ROOF ON UNITS BASE, TO BE FURNISHED AND INSTALLED BY PC. SEE PLUMBING SHEETS P1.2, P2.1 AND COORDINATION SCHEDULE ON M4.1.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
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DRAWING NOTES

1. ROOFTOP EQUIPMENT LOCATIONS SHOWN ARE GENERAL. ACTUAL LOCATIONS SHALL BE COORDINATED WITH THE STRUCTURAL DRAWINGS.
2. ROOF OPENINGS FOR ROOFTOP UNITS AND EXHAUST FANS SHALL BE COORDINATED WITH THE MANUFACTURER.
3. ROOF OPENINGS FOR PIPE PORTALS SHALL ONLY BE LARGE ENOUGH TO ALLOW PIPE AND CONDUIT PENETRATIONS. PIPE PORTAL CURB SHALL BE FILLED WITH AS MUCH BATT INSULATION AS POSSIBLE.
4. PRIOR TO INSTALLING THE TOP OF THE EQUIPMENT PLATFORM, INSIDE OF THE PLATFORM SHALL BE INSULATED WITH AS MUCH BATT INSULATION AS POSSIBLE.

KEYED NOTES

- M1 ARROW INDICATES DIRECTION OF EXHAUST FAN HINGE SWING (TYP.)
- M2 6"ø ALUMINUM EXHAUST DUCT FROM EXHAUST FAN (EF-5). PROVIDE PORTALS PLUS PLASTI-FLASH WITH C-126 CAP (OR EQUAL) FOR ROOF PENETRATION. TERMINATE DUCT A MIN. OF 24" ABOVE FINISHED ROOF WITH GOOSENECK.
- M3 NOT USED
- M4 MAINTAIN A MINIMUM 10'-0" CLEARANCE FROM EDGE OF OUTLETS AND VENT TERMINALS TO FRESH AIR INTAKES (TYP.)
- M5 NOT USED
- M6 ROOF PIPE PORTAL FOR CONDENSING UNITS
- M7 NOT USED
- M8 NOT USED
- M9 NOT USED
- M10 ARROW INDICATES DIRECTION OF AIRFLOW FOR CONDENSING OR ROOFTOP UNIT AIR INTAKE (TYP.)
- M11 REFRIGERANT PIPING SUPPORT AS REQUIRED. PROVIDE ROOFTOP BLOX MODEL RTB-01 (OR EQUAL) AND ALL NECESSARY ACCESSORIES FOR PROPER PIPE AND CONDUIT SUPPORT. PROVIDE GALVANIZED PIPE SHIELD TO PROTECT INSULATION AT ALL SUPPORTS.
- M12 PROVIDE HAIL GUARD FOR RTU-1 PROTECTING CONDENSER COIL FROM GREASE.
- M13 EXHAUST FANS WITH WINDBAND EXTENSION TO PREVENT DIRECT GREASE BLOW ONTO CONDENSER COIL OF UNIT RTU-1.
- P1 NOT USED
- P2 PLUMBING VENT THROUGH ROOF (SEE PLUMBING DRAWINGS). PROVIDE PORTALS PLUS PLASTI-FLASH WITH C-126 CAP (OR EQUAL) FOR ROOF PENETRATION.
- P3 PRIMARY ROOF DRAIN WITH DOME STRAINER (TYP). (SEE PLUMBING DRAWINGS)
- P4 OVERFLOW ROOF DRAIN WITH DOME STRAINER (TYP). (SEE PLUMBING DRAWINGS)
- P5 AREA OF ROOF SERVED BY ROOF DRAIN (TYP.)

PIPE PORTAL SCHEDULE

MANUFACTURER	CURB DIMENSIONS	CURB TYPE	CAP TYPE (QTY)	SERVES
RPS	12"x12"x11"H	RC-2A	N18 (1)	RTU-1 THROUGH RTU-3
RPS	43"x12"x13"H	RC-2A	N18 (3)	CU-1 THROUGH CU-6

SEQUENCE OF OPERATION

THERMOSTAT SETTINGS

MODE	FAN	SETPOINTS COOLING	SETPOINTS HEATING
OCCUPIED	ON	75°F	70°F
UNOCCUPIED	AUTO	90°F	55°F
HUMIDITY			
HUMIDITY SETPOINT (FOR DEHUMIDIFICATION UNITS ONLY)			60%

RTU-1, RTU-2 & RTU-3:

1. OCCUPIED MODE SHALL BEGIN AS FOLLOWS:
   - RTU-1: 1.5 HOURS BEFORE OPEN
   - RTU-2: 1 HOUR BEFORE OPEN
   - RTU-3: 30 MINUTES BEFORE OPEN
2. ROOFTOP UNIT FAN SHALL RUN CONTINUOUSLY DURING OCCUPIED MODE
3. ECONOMIZER SHALL BE OPEN DURING OCCUPIED MODE (OUTDOOR AIR THROUGH ROOFTOP UNITS SERVES AS MAKE-UP AIR FOR THE KITCHEN EXHAUST SYSTEM) – REFER TO E3.2 FOR HOOD/FAN INTERLOCK DETAILS.
4. UNOCCUPIED MODE SHALL BEGIN ONE (1) HOUR AFTER STORE CLOSES
5. DURING UNOCCUPIED MODE, ECONOMIZER IS CLOSED AND HEATING, COOLING AND FAN OPERATE IN AUTO MODE (ON DEMAND)

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	MMM
1	03/20/25	PLAN CHECK COMMENTS	MMM

Professional of Record:

PM DESIGN
Architectural Solutions Group

19401 40TH AVE W
SUITE 420
LYNNWOOD, WA 98036

MARK MANGLICMOT, P.E.
PHONE: (425) 516-7882
EMAIL: MMANGLICMOT@PMDGINC.COM

PRCNC20241917

M. MANGLICMOT — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER — 03/19/25

Seal

DRAWN BY	MMM
STD ISSUE DATE	12/10/24
REVIEWED BY	MMM
DATE ISSUED	03/20/25

TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS
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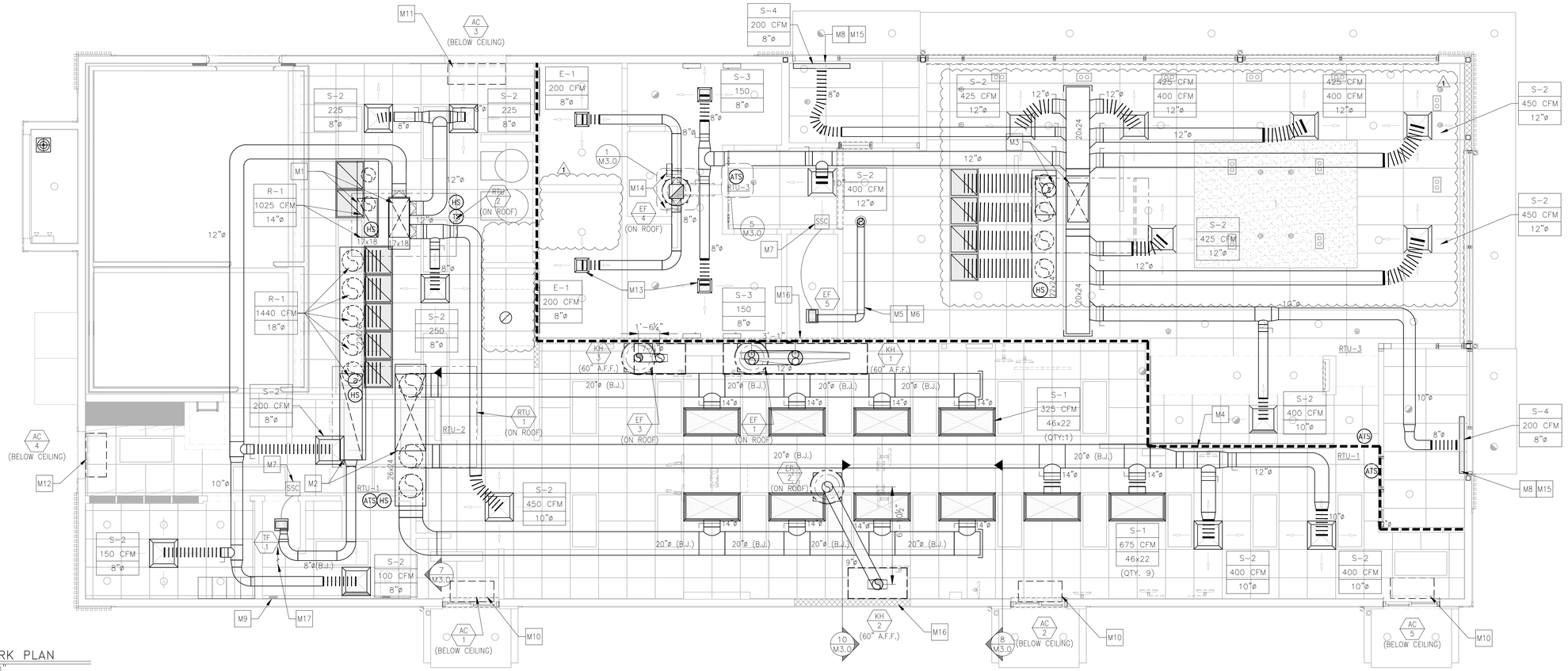
SITE ID: 046-1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

046-1172.00.0

M1.0
ROOF PLAN

MCD24092.0 – PUYALLUP, WA

P:\SEA\04 MEP\MCDONALDS\MEP-MCD24092.0 – REBUILD – PUYALLUP, WA\03 CONSTRUCTION DOCUMENTS\MECH.DWG 3/21/2025 5:47 AM MARK MANGLICMOT



1 M1.2 DUCTWORK PLAN
1/4"=1'-0"

DRAWING NOTES

1. ALL DUCTWORK SHALL BE RUN BETWEEN OR THROUGH THE JOISTS UNLESS NOTED OTHERWISE. DUCTWORK DESIGNATED WITH (B.J.) SHALL BE RUN BELOW THE JOISTS.
2. DUCT SIZES SHOWN ARE INTERNAL FREE AREA DIMENSIONS UNLESS NOTED OTHERWISE.
3. ALL SHEET METAL DUCTWORK SHALL BE EXTERNALLY INSULATED. INSULATION IS NOT SHOWN FOR CLARITY. SEE MECHANICAL NOTES FOR INSULATION REQUIREMENTS.
4. CARBON STEEL KITCHEN EXHAUST DUCTWORK SHALL BE EXTERNALLY INSULATED. INSULATION NOT SHOWN FOR CLARITY. SEE MECHANICAL NOTES AND DETAILS FOR INSULATION REQUIREMENTS.
5. RETURN AIRFLOW VOLUME SHOWN ON PLAN IS FOR DUCTWORK SIZING PURPOSES WHEN THE UNIT IS IN RECIRCULATION (UNOCCUPIED) MODE.
6. DIFFUSERS IN DINING ROOM ARE SPECIFIC TO THE DECOR PLAN SHOWN. DIFFERENT CEILING LAYOUTS MAY REQUIRE A DIFFERENT DIFFUSER TYPES, QUANTITIES, LOCATIONS AND FINISHES/COLORS.
7. NO DIFFUSERS OR GRILLES TO BE INSTALLED ABOVE KIOSKS TO AVOID CONFLICTS WITH KIOSK'S CEILING PENETRATIONS FOR CONDUITS

KEYED NOTES

- M1 17x33 SUPPLY AND 17x33 RETURN DUCT DROPS FROM ROOFTOP UNIT (RTU-2)
- M2 26x63 SUPPLY AND 19x73 RETURN DUCT DROPS FROM ROOFTOP UNIT (RTU-1)
- M3 17x33 SUPPLY AND 17x33 RETURN DUCT DROPS FROM ROOFTOP UNIT (RTU-3)
- M4 PROVIDE SHEET METAL DUCT AT ALL DRAFTSTOP WALL PENETRATIONS (TYP.)
- M5 6"ø ALUMINUM DUCT FROM EXHAUST FAN UP THROUGH ROOF
- M6 EXTERNALLY INSULATE EXHAUST DUCT FROM FAN TO ROOF PENETRATION
- M7 STEADY STATE SPEED CONTROLLER FOR CEILING MOUNTED EXHAUST FAN. STEADY STATE SPEED CONTROLLER SHALL BE INSTALLED OVER SUSPENDED CEILING FOR ACCESS. DO NOT INSTALL OVER AREAS WITH DRYWALL CEILINGS.
- M8 SET DIFFUSER'S (S-5) OUTER SLOT FOR VERTICAL AIR THROW PATTERN AND INNER SLOT FOR HORIZONTAL THROW PATTERN (TYP.)
- M9 BUILDING AUTOMATION SYSTEM LOCATION. SEE LIGHTING CONTROL DETAILS ON SHEET E4.1.
- M10 MOUNT AIR CURTAIN TIGHT TO CEILING
- M11 MOUNT AIR CURTAIN WITH BOTTOM OF UNIT AT TOP OF DOOR FRAME
- M12 MOUNT AIR CURTAIN WITH BOTTOM OF UNIT ABOVE DOOR FRAME AND TOP OF SWITCHGEAR TO MEET 3'-0" MINIMUM SWITCHGEAR'S CLEARANCE REQUIREMENT
- M13 FOR DIFFUSERS INSTALLED IN DRYWALL CEILINGS, VOLUME DAMPER IS INTEGRAL TO DIFFUSER AND ADJUSTABLE AT FACE OF DIFFUSER (SEE NOTE 18 UNDER "VENTILATION SYSTEMS" ON DRAWING M4.0 AND AIR DEVICE SCHEDULE ON DRAWING M4.1)
- M14 FOR DIFFUSERS INSTALLED IN DRYWALL CEILINGS, INSTALL HIGH-EFFICIENCY TAKE-OFFS WITH VOLUME DAMPER IN FULL-OPEN POSITION TO FACILITATE BALANCING AT FACE OF DIFFUSER.
- M15 GENERAL CONTRACTOR SHALL PROVIDE ADDITIONAL T-BAR FRAME TO PROPERLY LOCATE DIFFUSER AS SHOWN. AIR STREAM FROM DIFFUSER SHALL COVER ENTIRE DOOR OPENING.
- M16 NONCOMBUSTIBLE WALL CONSTRUCTION BEHIND TYPE I KITCHEN HOODS. REFER TO SHEET A1.0 FOR MORE INFORMATION.
- M17 ONE INCH DOOR UNDERCUT TRANSFER AIR TO CLOSET (100 CFM)
- M18 MECHANICAL CONTRACTOR TO PROVIDE 4x12 LOUVERED RETURN AIR BEHIND EACH RECESSED MENU BOARD. SEE ARCHITECTURAL PLANS, DETAIL 14/A3.1. AND AIR DEVICE SCHEDULE (R-2) ON SHEET M4.1.
- M19 NOT USED
- M20 NOT USED 1

2021 IMC SECTION 403.3 - VENTILATION SCHEDULE

UNIT	AREA SERVED	AREA FT² (Az)	CFM/PERSON (Rp)	CFM/FT² (Ra)	PEOPLE OR PEOPLE/1000 FT² (Pz)	UNCORRECTED REQUIRED O/A CFM (Vbz)	Ez*	Ev**	REQUIRED O/A CFM (Vot)***	ACTUAL O/A CFM	REQUIRED EXHAUST CFM	ACTUAL EXHAUST CFM
RTU-1	PRESENTER	343	5	0.06	4	41	0.8	0.98				
	KITCHEN	714	7.5	0.18	18	-	0.8					
						305			311	1300		
RTU-2	SUPPORT	603	0	0.12	0	72	0.8	0.84	-	-		
	MANAGER'S OFFICE	60	5	0.06	1	9	0.8		-	-		
	CREW ROOM	96	5	0.06	5	30	0.8		-	-		
	ORDER	140	5	0.06	7	43	0.8		-	-		
						154			183	1000		
RTU-3	DINING	1284	7.5	0.18	90	905	0.8	0.91	-	-		
	VESTIBULE 1	57	0	0.06	0	3	0.8		-	-		
	VESTIBULE 2	44	0	0.06	0	3	0.8		-	-		
	WOMEN'S	135	0	0.06	0	8	0.8		-	-		
	MEN'S	122	0	0.06	0	7	0.8		-	-		
						927			1018	1330		
EF-1, 2 & 3	KITCHEN	714	-	0.7	-	-	-	-	-	-	500	2405
EF-4	WOMEN'S	135	-	-	-	-	-	-	-	-	100	200
	MEN'S	122	-	-	-	-	-		-	-	100	200
EF-5	JANITOR'S CLOSET	19	-	-	-	-	-	-	-	-	50	75
										TOTAL:	750	2880

* ZONE AIR DISTRIBUTION EFFECTIVENESS BASED ON ASHRAE 62.1 TABLE 6.2 FOR CEILING SUPPLY PF WARM AIR 15° F OR MORE ABOVE SPACE TEMPERATURE AND CEILING RETURN (IMC TABLE 403.3.1.2)
** VENTILATION SYSTEM EFFICIENCY BASED ON ASHRAE 62.1 TABLE 6.3 AND SECTION 6.2.5 (IMC SECTION 403.3.2.3 MZ)
*** CORRECTED REQUIRED O/A INTAKE REQUIRED FOR SYSTEM CALCULATED BASED ON ASHRAE 62.1 SECTION 6.2 (IMC SECTION 403.3)

AIR BALANCE SCHEDULE

UNIT	SUPPLY AIR	RETURN AIR	OUTDOOR AIR	EXHAUST AIR	PRESSURE
RTU-1	7200	5700	1300		1300
RTU-2	1600	1250	400		400
RTU-3	4200	3470	1330		1330
EF-1				1350	-1350
EF-2				575	-575
EF-3				480	-480
EF-4				400	-400
EF-5				75	-75
TOTALS	13000	10420	3030	2880	150

NOTES:
1. BALANCING TOLERANCES ARE AS FOLLOWS:
   HOODS: 0% TO +10%
   OUTDOOR AIR: 0% TO +10%
   SUPPLY AND RETURN AIR DIFFUSERS: -10% TO +10%
   TOILET EXHAUST AIR: -10% TO +10%
2. BALANCE ROOFTOP UNIT SUPPLY AND RETURN AIR PRIOR TO TURNING ON EXHAUST FANS.
3. EXHAUST HOODS SHALL BE BALANCED WITH A 4" VANE ANEMOMETER.
4. RTU BLOWER TO RUN CONTINUOUSLY DURING OCCUPIED HOURS. REFER TO SEQUENCE OF OPERATIONS ON M1.0 AND E3.2 FOR HOOD/FAN INTERLOCK DETAILS.

HEATING SCHEDULE

EQUIPMENT	OUTPUT (BTU/HR)	REQUIRED HEAT (BTU/HR)
ROOFTOP UNIT (RTU-1)	122,940	85,600
ROOFTOP UNIT (RTU-2)	40,980	40,100
ROOFTOP UNIT (RTU-3)	122,940	83,000
TOTALS	286,860	208,700

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning | Engineering | Public Works | Fire | Traffic

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	MMM
1	03/20/25	PLAN CHECK COMMENTS	MMM

Professional of Record:

PM DESIGN Architectural Solutions Group

19401 40TH AVE W
SUITE 420
LYNNWOOD, WA 98036
MARK MANGLICMOT, P.E.
PHONE: (425) 516-7882
EMAIL: MMANGLICMOT@PMDGINC.COM

PRCNC20241917

Seal

PREPARED FOR: McDonald's USA, LLC

TITLE: 2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA

DESCRIPTION: 2024 STANDARD BUILDING - WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID: 046-1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

DRAWN BY: MMM
STD ISSUE DATE: 12/10/24
REVIEWED BY: MMM
DATE ISSUED: 03/20/25

046-1172.00.0
M1.2
DUCTWORK PLAN

MCD24092.0 - PUYALLUP, WA

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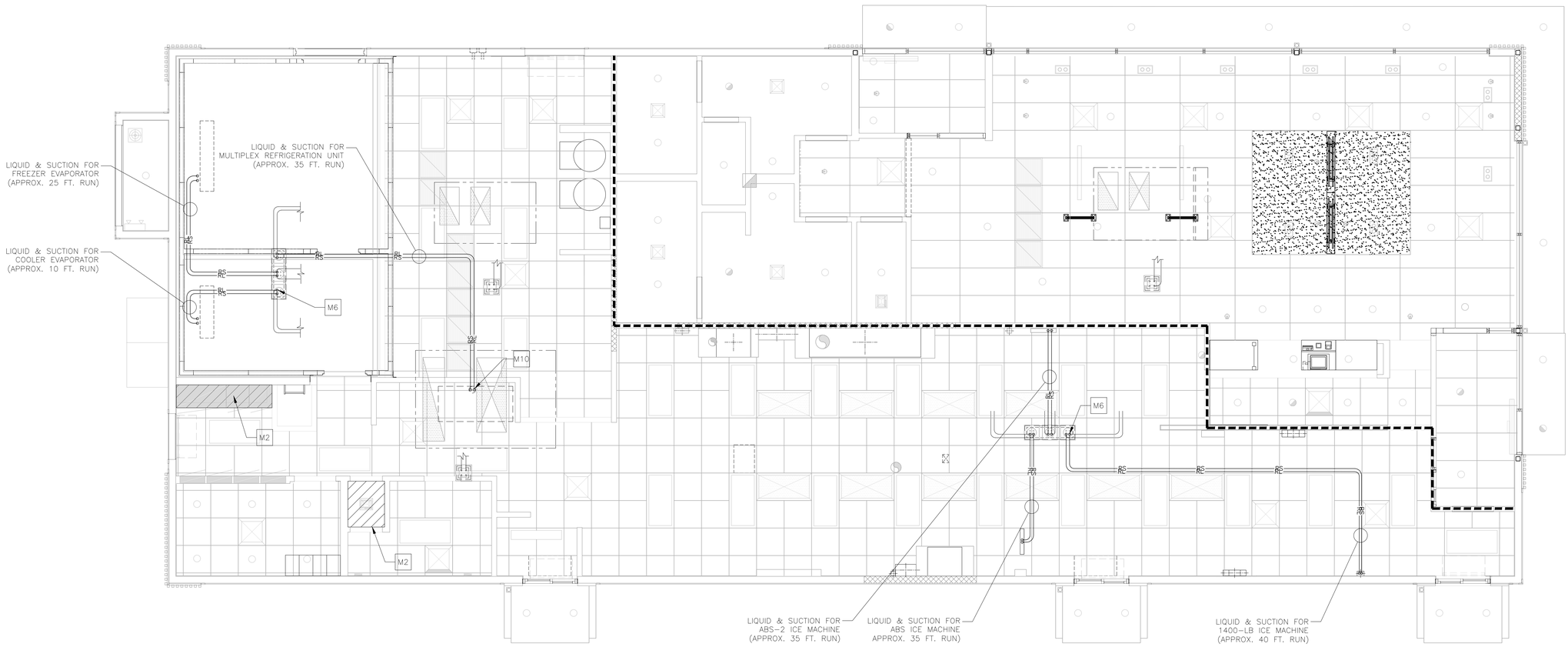

1 M1.4 MECHANICAL PIPING PLAN
1/4"=1'-0"

DRAWING NOTES

1. REFRIGERANT PIPE SIZES SHALL BE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

KEYED NOTES

- M1 NOT USED
- M2 UTILITIES SHALL NOT BE ROUTED ABOVE TECH. CLOSET, OR SWITCHGEAR.
- M3 NOT USED
- M4 NOT USED
- M5 NOT USED
- M6 REFRIGERANT LIQUID AND SUCTION LINES UP THROUGH ROOF TO CONDENSING UNITS (TYP. 6 PLACES - SEE DETAIL 3 ON DRAWING M3.0)
- M7 NOT USED
- M8 NOT USED
- M9 NOT USED
- M10 REFRIGERANT LINES DOWN TO SODA SYSTEM (MULTIPLEX).

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

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Fire	Traffic

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Seal

STATE OF WASHINGTON · M. MANGLICMOT · REGISTERED PROFESSIONAL ENGINEER · 03/19/25

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY MMM
STD ISSUE DATE 12/10/24
REVIEWED BY MMM
DATE ISSUED 03/20/25

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046-1172.00.0
M1.4
MECH. PIPING PLAN

MCD24092.0 - PUYALLUP, WA

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City of Puyallup
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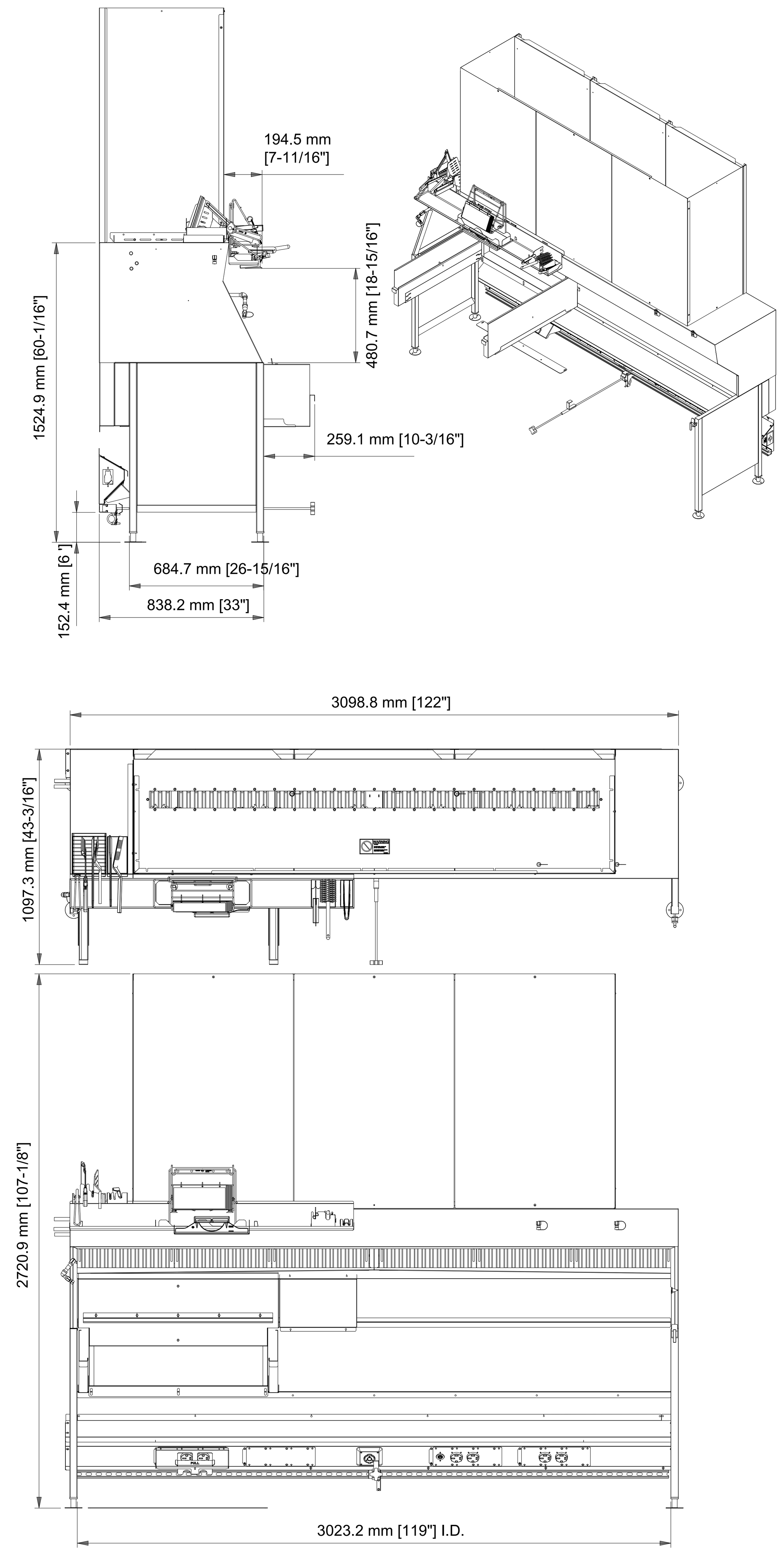
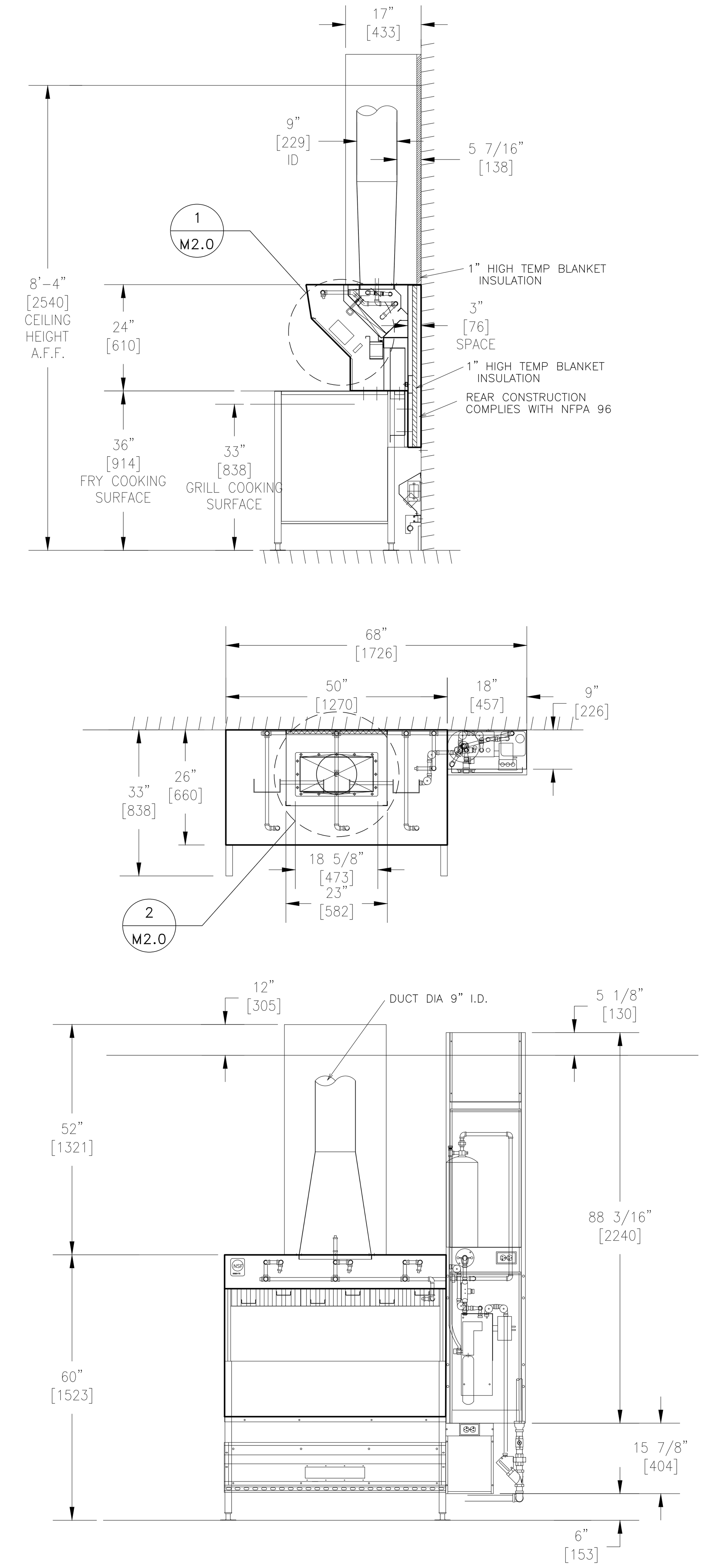
Fire	Traffic



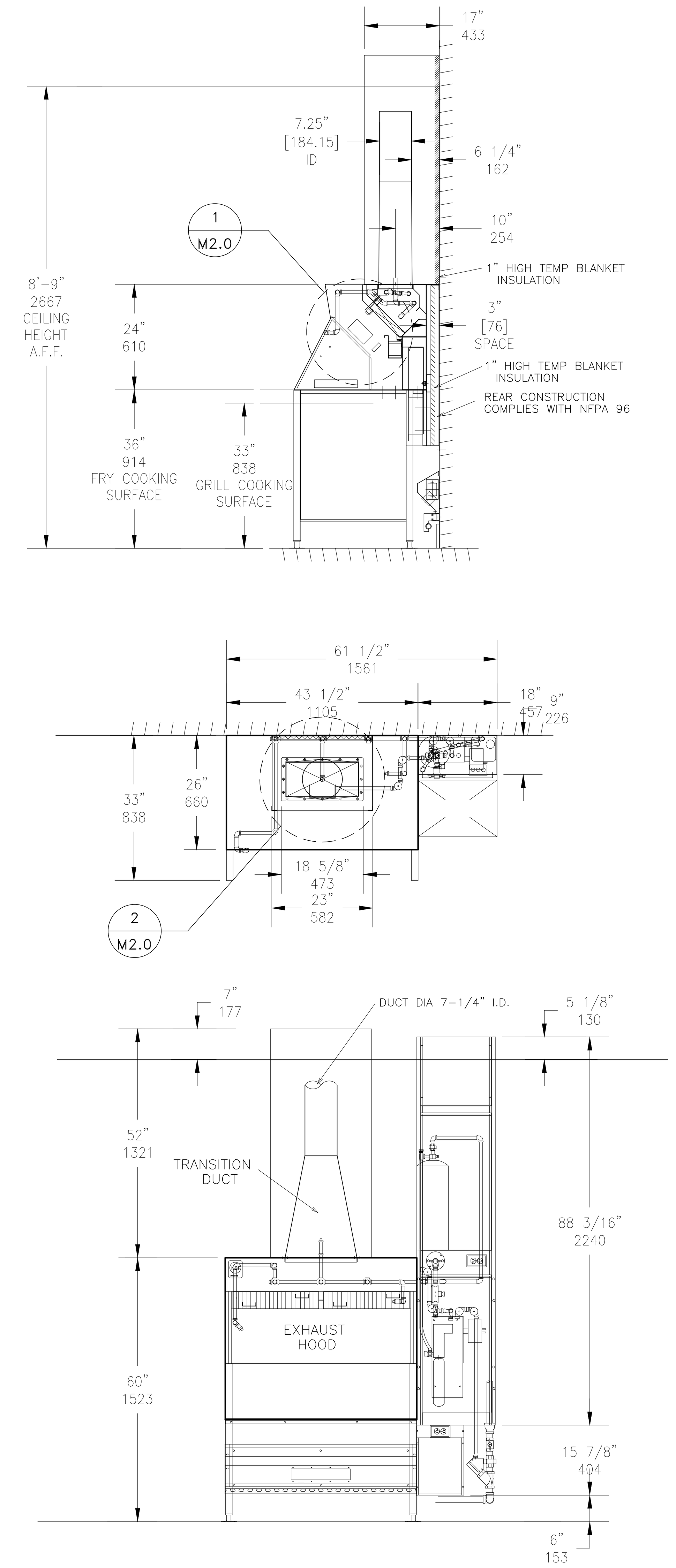
KITCHEN EXHAUST HOOD (TYPE I)

TAG: KH-1 (SEE KITCHEN EXHAUST HOOD SCHEDULE)
SCALE: ½"=1'-0"



KITCHEN EXHAUST HOOD (TYPE I)

TAG: KH-2 (SEE KITCHEN EXHAUST HOOD SCHEDULE)
SCALE: ½"=1'-0"

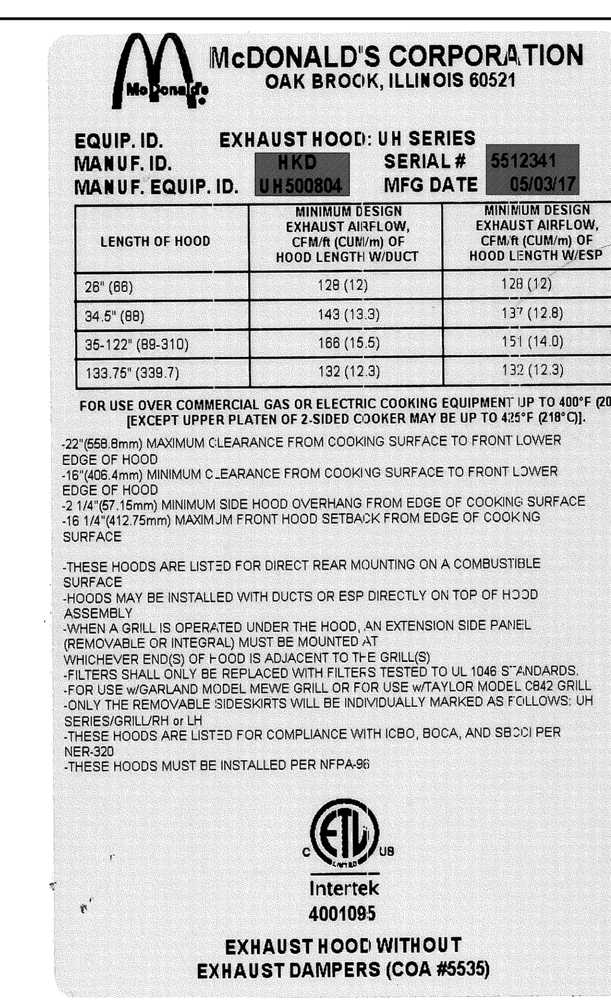


KITCHEN EXHAUST HOOD (TYPE I)

TAG: KH-3 (SEE KITCHEN EXHAUST HOOD SCHEDULE)
SCALE: ½"=1'-0"

DRAWING NOTES

1. 16 GA. STAINLESS STEEL MATERIAL USED FOR HOOD CONSTRUCTION
2. FILTER BAFFLE:
   UL FILE R14372, VOL. 1, SEC. 1
   UL CONTROL NUMBER 5L65
   MEA-446-92-M
3. EXHAUST HOOD:
   UL FILE MH12755, VOL. 4
   UL CONTROL NUMBER 78L1
4. UTILITY CHASE AND RACEWAY:
   UL FILE E163328, VOL.1, SEC.3
5. HIGH TEMP GASKET:
   UL FILE MH12755, VOL. 2, SEC. 1, ILL. 9
6. HOOD CONSTRUCTION COMPLIES WITH NSF STANDARD 2
7. HOOD PERFORMANCE TESTED IN ACCORDANCE WITH UL 710
8. UL 300 AND NFPA 17A COMPLIANT WET CHEMICAL SYSTEM INCLUDED WITH HOOD INSTALLATION
9. AMEREX CONNECTIONS AND STARTUP BY APPROVED AMEREX REPRESENTATIVE
10. REFER E3.2 FOR HOOD/FAN INTERLOCK DETAILS
11. CAPTURE JET PLENUMS ARE TO BE ATTACHED WHEN CALLED OUT PER KITCHEN SCHEDULE.



McDONALD'S CORPORATION
OAK BROOK, ILLINOIS 60521

EQUIP. ID. EXHAUST HOOD: UH SERIES
MANUF. ID. HKD SERIAL # 5512341
MANUF. EQUIP. ID. UH500804 MFG DATE 05/03/17

LENGTH OF HOOD	MINIMUM DESIGN EXHAUST AIRFLOW, CFM/ft (CUM/m) OF HOOD LENGTH W/DUCT	MINIMUM DESIGN EXHAUST AIRFLOW, CFM/ft (CUM/m) OF HOOD LENGTH W/ESP
26" (66)	128 (12)	128 (12)
34.5" (88)	143 (13.3)	137 (12.8)
35-122" (89-310)	166 (15.5)	151 (14.0)
133.75" (339.7)	132 (12.3)	132 (12.3)

FOR USE OVER COMMERCIAL GAS OR ELECTRIC COOKING EQUIPMENT UP TO 400°F (204 [EXCEPT UPPER PLATEN OF 2-SIDED COOKER MAY BE UP TO 425°F (218°C)].

-22"(558.8mm) MAXIMUM CLEARANCE FROM COOKING SURFACE TO FRONT LOWER EDGE OF HOOD
-16"(406.4mm) MINIMUM CLEARANCE FROM COOKING SURFACE TO FRONT LOWER EDGE OF HOOD
-2 1/4"(57.15mm) MINIMUM SIDE HOOD OVERHANG FROM EDGE OF COOKING SURFACE
-16 1/4"(412.75mm) MAXIMUM FRONT HOOD SETBACK FROM EDGE OF COOKING SURFACE

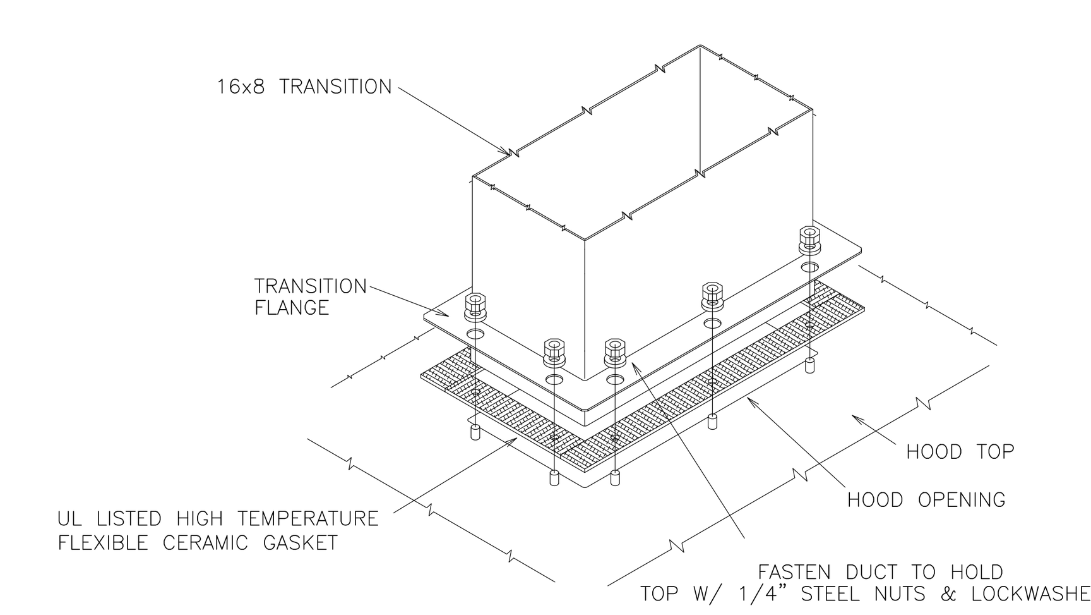
-THESE HOODS ARE LISTED FOR DIRECT REAR MOUNTING ON A COMBUSTIBLE SURFACE
-HOODS MAY BE INSTALLED WITH DUCTS OR ESP DIRECTLY ON TOP OF HOOD ASSEMBLY
-WHEN A GRILL IS OPERATED UNDER THE HOOD, AN EXTENSION SIDE PANEL (REMOVABLE OR INTEGRAL) MUST BE MOUNTED AT WHICHEVER END(S) OF HOOD IS ADJACENT TO THE GRILL(S)
-FILTERS SHALL ONLY BE REPLACED WITH FILTERS TESTED TO UL 1046 STANDARDS.
-FOR USE w/GARLAND MODEL MEWE GRILL OR FOR USE w/TAYLOR MODEL C842 GRILL
-ONLY THE REMOVABLE SIDESKIRTS WILL BE INDIVIDUALLY MARKED AS FOLLOWS: UH SERIES/GRILL/RH or LH
-THESE HOODS ARE LISTED FOR COMPLIANCE WITH ICBO, BOCA, AND SBCCI PER NER-320
-THESE HOODS MUST BE INSTALLED PER NFPA-96

C ETL US LISTED
Intertek
4001095

EXHAUST HOOD WITHOUT EXHAUST DAMPERS (COA #5535)

DETAIL

UL LABEL
SCALE: NONE
1 / M2.0



DETAIL

HOOD CONNECTION
SCALE: NONE
2 / M2.0

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1	03/20/25	PLAN CHECK COMMENTS	MMM

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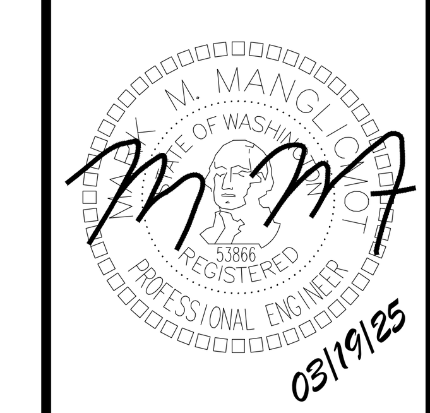

Seal

PREPARED FOR:
McDonald's USA, LLC
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TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS, WOOD ROOF TRUSS FRAMING, STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1180
SITE ADDRESS: 3902 E Pioneer, Puyallup, WA 98372

046-1172.00.0
M2.0
EXHAUST HOODS

MCD24092.0 – PUYALLUP, WA

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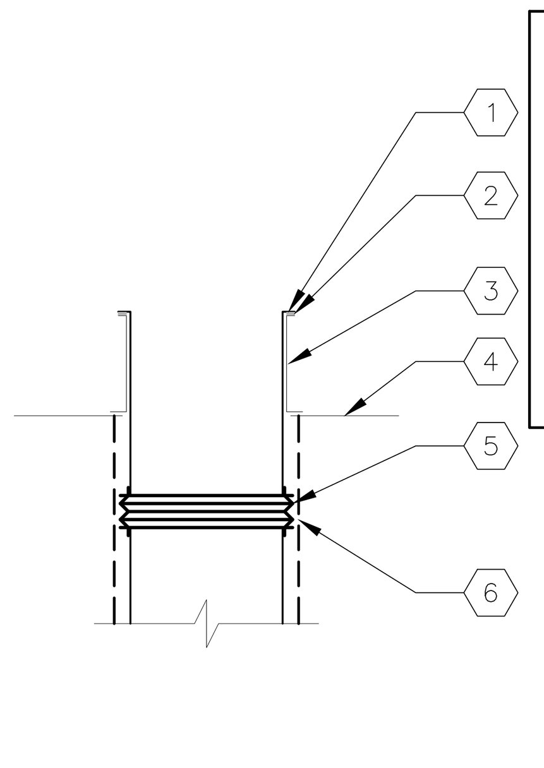
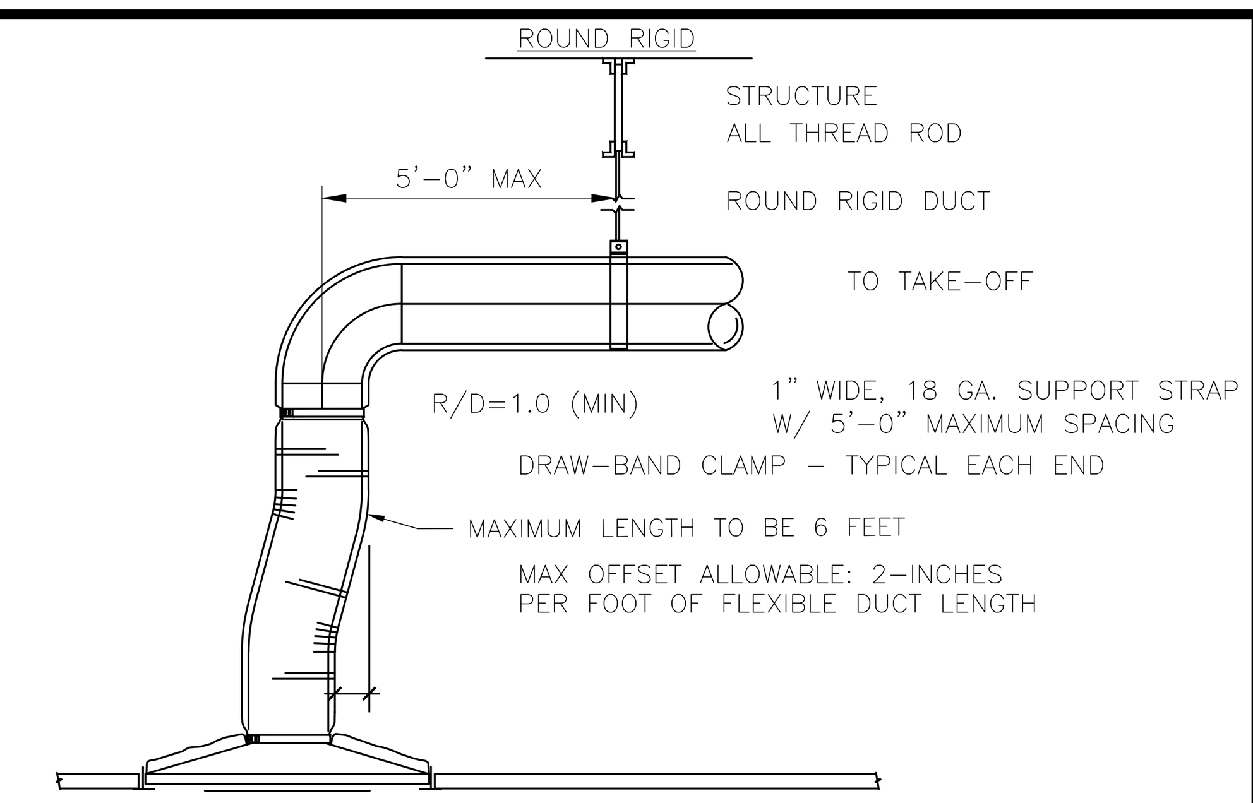
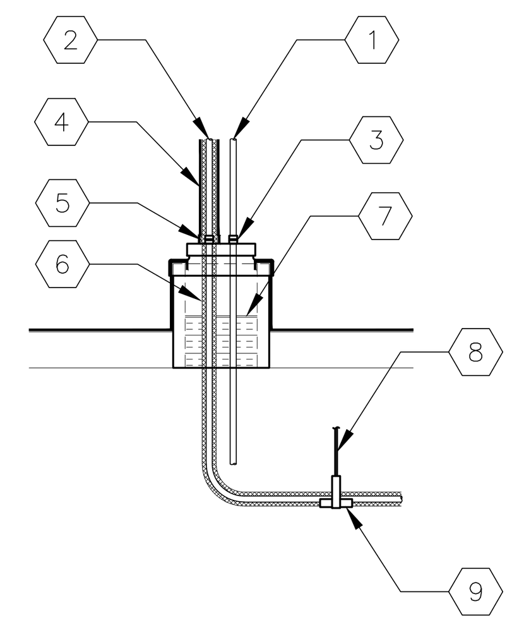


KEYED NOTES:
1. SHEET METAL DUCT DROP (SUPPLY, RETURN OR EXHAUST)
2. FOAM GASKET BETWEEN DUCT AND CURB
3. ROOF CURB
4. ROOF LINE
5. 6" FACE-TO-FACE CANVAS FLEXIBLE CONNECTION
6. 2" EXTERIOR INSULATION (SUPPLY AND RETURN)

DETAIL 1/M3.0
DUCT DROP INSTALLATION
SCALE: NONE



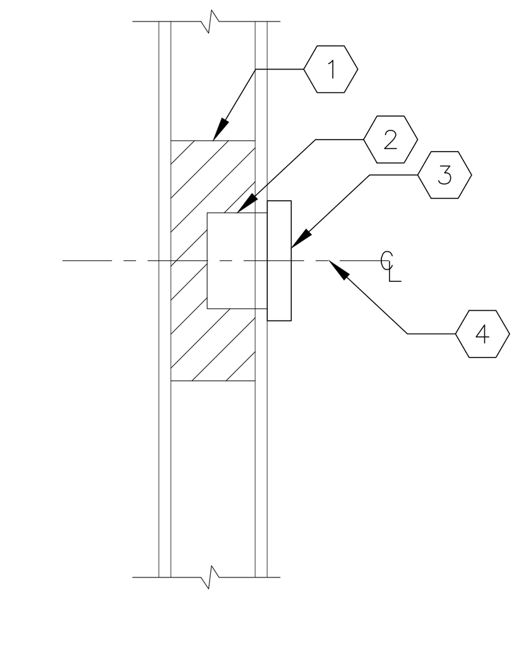
DETAIL 2/M3.0
DIFFUSER/GRILLE CONNECTION
SCALE: NONE



KEYED NOTES:
1. REFRIGERANT LIQUID LINE
2. REFRIGERANT SUCTION LINE WITH 1" THICK EXTERNAL FOAM INSULATION (ARMAFLEX BY ARMACELL OR EQUAL)
3. STAINLESS STEEL CLAMP
4. APPLY WEATHERPROOFING OVER FOAM INSULATION (ALUMAGUARD BY POLYGUARD OR EQUAL)
5. WRAP FOAM INSULATION OVER PIPE PORTAL NIPPLE AND STAINLESS STEEL CLAMP
6. RESTART FOAM INSULATION IMMEDIATELY AFTER PIPE PORTAL PENETRATION
7. INSULATE BOTTOM OF ROOF PORTAL CURB (MIN. R-19)
8. PIPE HANGER
9. LIGHT GAUGE GALVANIZED STEEL PROTECTIVE SHIELD

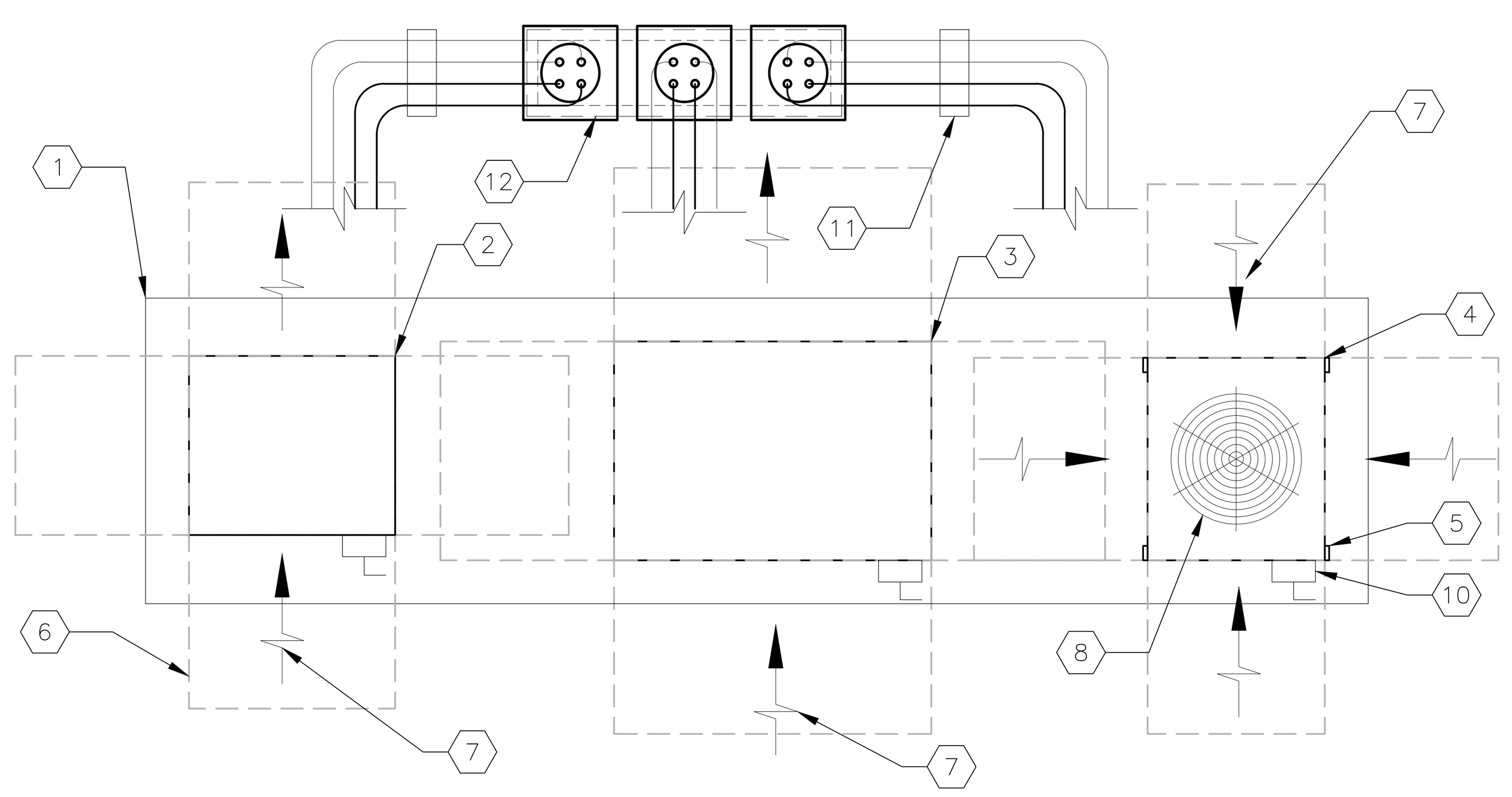
DETAIL 3/M3.0
REFRIGERANT PIPE INSTALLATION
SCALE: NONE

DETAIL 4/M3.0
NOT USED
SCALE: NONE



KEYED NOTES:
1. PROVIDE BATT INSULATION FOR TEMPERATURE SENSORS INSTALLED IN HOLLOW CAVITY WALLS
2. 2x4 ELECTRICAL BOX
3. SENSOR (TEMPERATURE, HUMIDITY OR CO2)
4. MOUNT SENSOR(S) BETWEEN 4'-0" TO 4'-6" A.F.F.

DETAIL 5/M3.0
REMOTE SENSOR INSTALLATION
SCALE: NONE

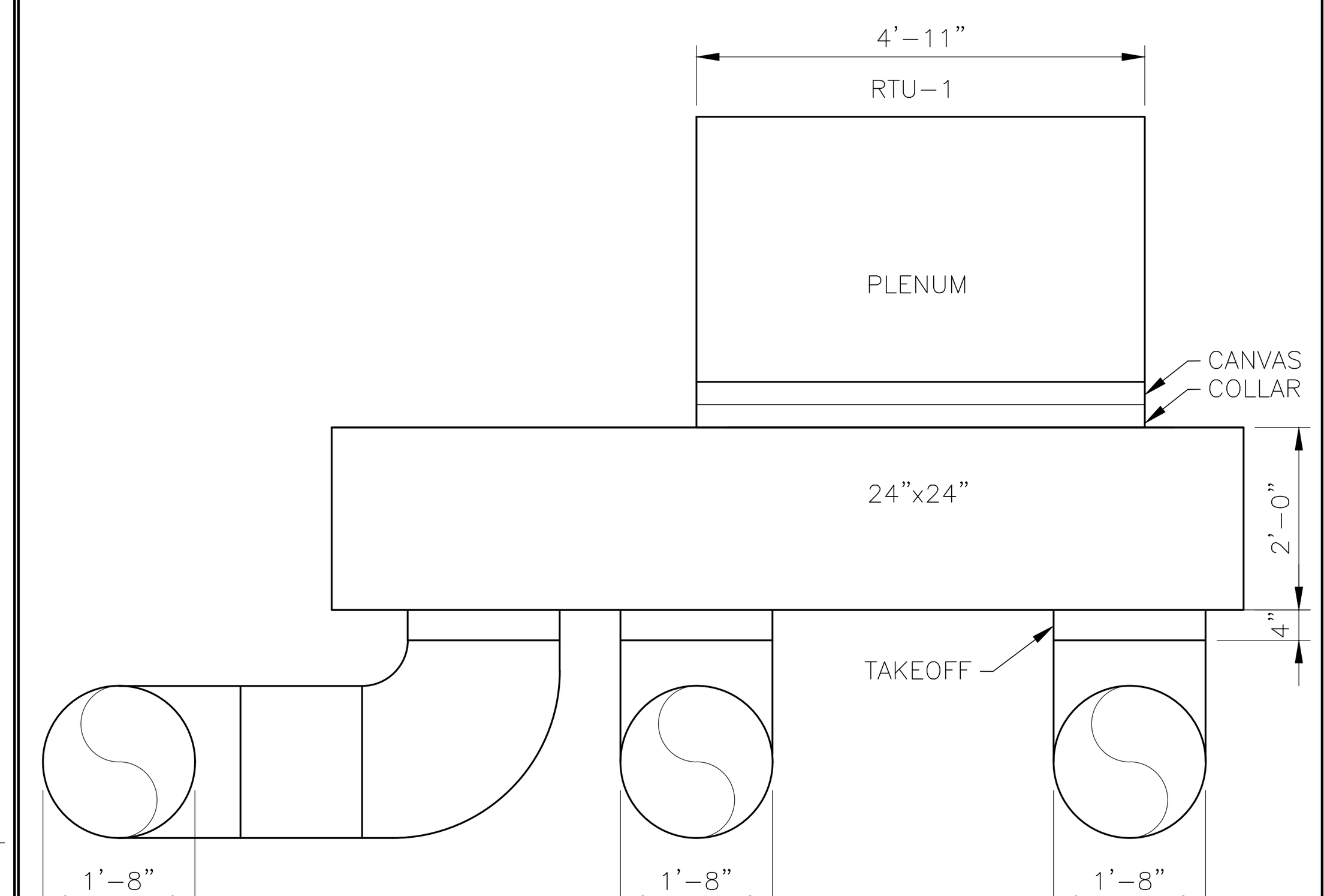


KEYED NOTES:
1. 180"Lx43"Wx14"H EQUIPMENT PLATFORM MANUFACTURED BY RPS OR EQUAL
2. 28½"Lx24¾"Wx19¾"H CONDENSING UNIT (COOLER).
3. 43⅞"Lx30½"Wx29¼"H CONDENSING UNIT (FREEZER).
4. 29"Lx24½"Wx34"H CONDENSING UNIT (MULTIPLEX).
5. FASTEN CONDENSING UNIT TO TOP OF PLATFORM AND SEAL FASTENER PENETRATIONS WITH UV RESISTANT SEALANT
6. OUTLINE OF SERVICE CLEARANCE EXTENDING 3'-0" FROM CONDENSING UNIT ON ALL SIDES
7. CONDENSER AIR INTAKE
8. CONDENSER FAN OUTLET ON TOP OF UNIT
9. CONDENSER FAN OUTLET ON SIDE OF UNIT
10. DISCONNECT SWITCH FURNISHED WITH UNIT
11. PROVIDE PIPE SUPPORT AS REQUIRED (TREATED LUMBER IS NOT ACCEPTABLE)
12. MULTIPLE PIPE PORTAL MANUFACTURED BY RPS OR EQUAL

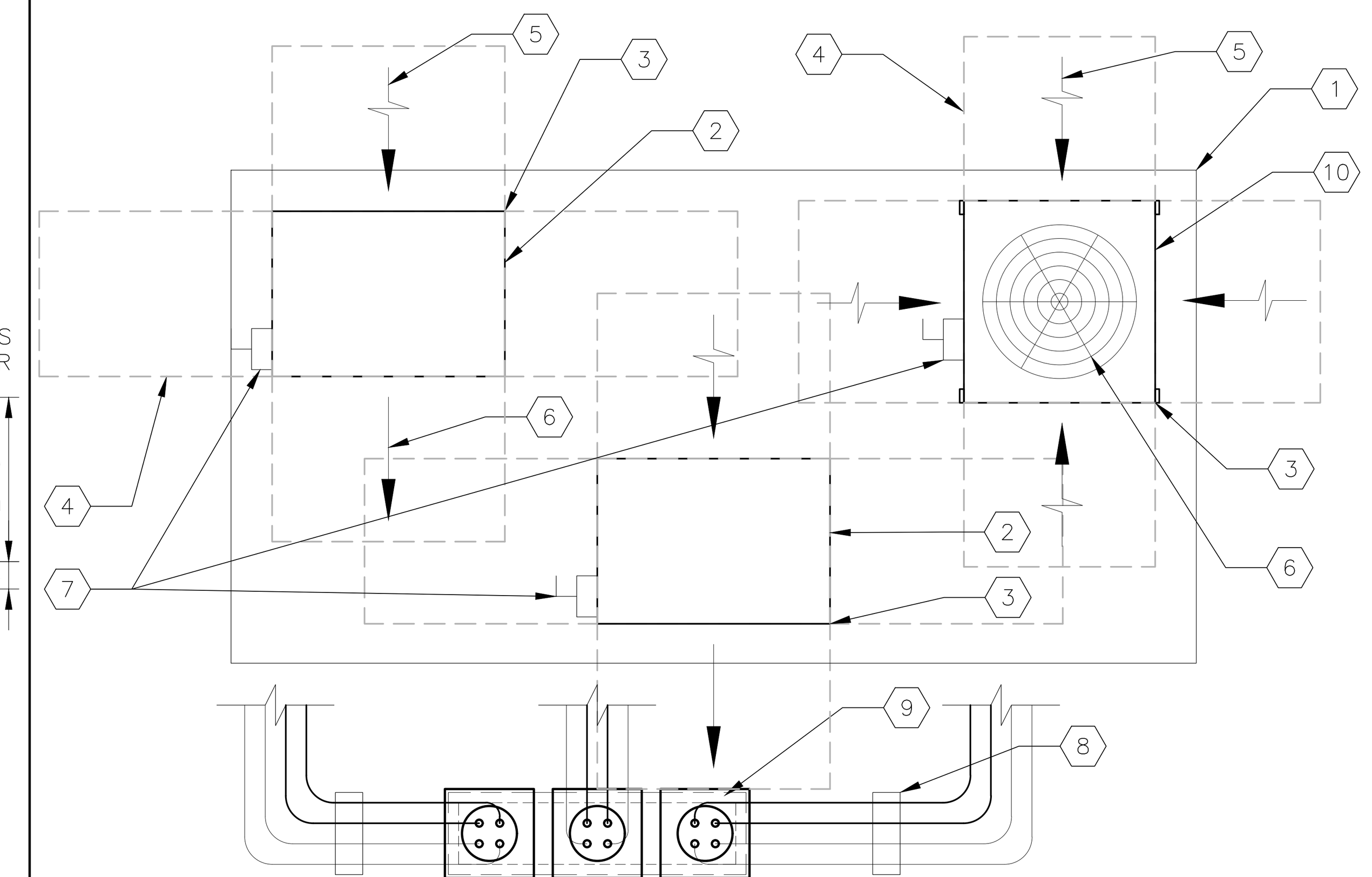
CONDUIT SIZES: (PER CONDENSING UNIT
(1) ¾" POWER
(1) ¾" CONTROL

REFRIGERANT PIPING SIZES:
SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR RECOMMENDED REFRIGERANT PIPE SIZING

DETAIL 6/M3.0
REMOTE CONDENSER UNITS (CU-4, CU-5 & CU-6)
SCALE: ½"=1'-0"



DETAIL 7/M3.0
VIEW TOWARDS REAR OF KITCHEN AT DUCT DROPS
SCALE: ½"=1'-0"

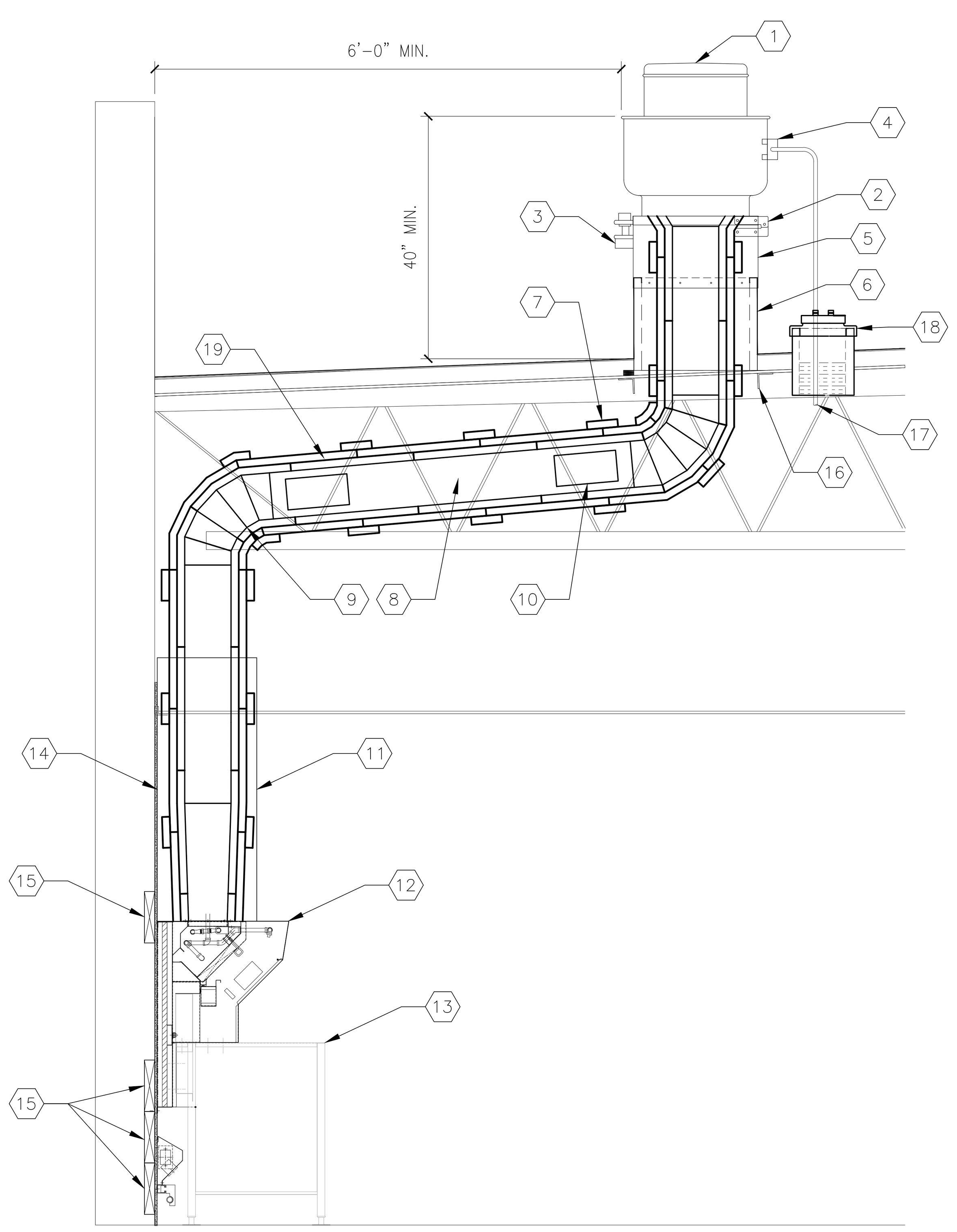


KEYED NOTES:
1. 141"x72"x14"H EQUIPMENT PLATFORM MANUFACTURED BY RPS OR EQUAL
2. 34"x24⅛"x25¾"H CONDENSING UNIT
3. FASTEN CONDENSING UNIT TO TOP OF PLATFORM AND SEAL FASTENER PENETRATIONS WITH UV RESISTANT SEALANT
4. OUTLINE OF SERVICE CLEARANCE EXTENDING FROM CONDENSING UNIT ON ALL SIDES
5. CONDENSER AIR INTAKE
6. CONDENSER FAN OUTLET
7. DISCONNECT SWITCH PROVIDED BY ELECTRICAL CONTRACTOR
8. PROVIDE PIPE SUPPORT AS NECESSARY (TREATED LUMBER IS NOT ACCEPTABLE)
9. MULTIPLE PIPE PORTAL MANUFACTURED BY RPS OR EQUAL
10. 29½"x28"x38"H CONDENSING UNIT

CONDUIT SIZES: (PER CONDENSING UNIT)
(1) ¾" POWER
(1) ¾" CONTROL

REFRIGERANT PIPING SIZES:
(PER CONDENSING UNIT)
ICE MACHINE - ½" LIQUID, ¾" SUCTION
(CU-3 CONDENSING UNIT)
ICE MACHINE - ⅜" LIQUID, ½" SUCTION

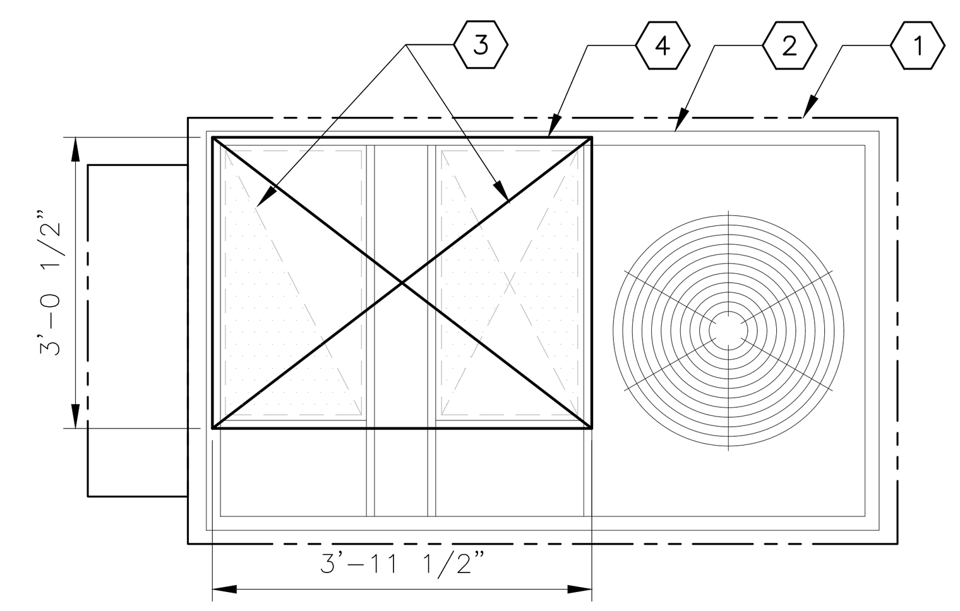
DETAIL 7B/M3.0
REMOTE CONDENSER UNIT (CU-1, CU-2 & CU-3)
SCALE: ½"=1'-0"



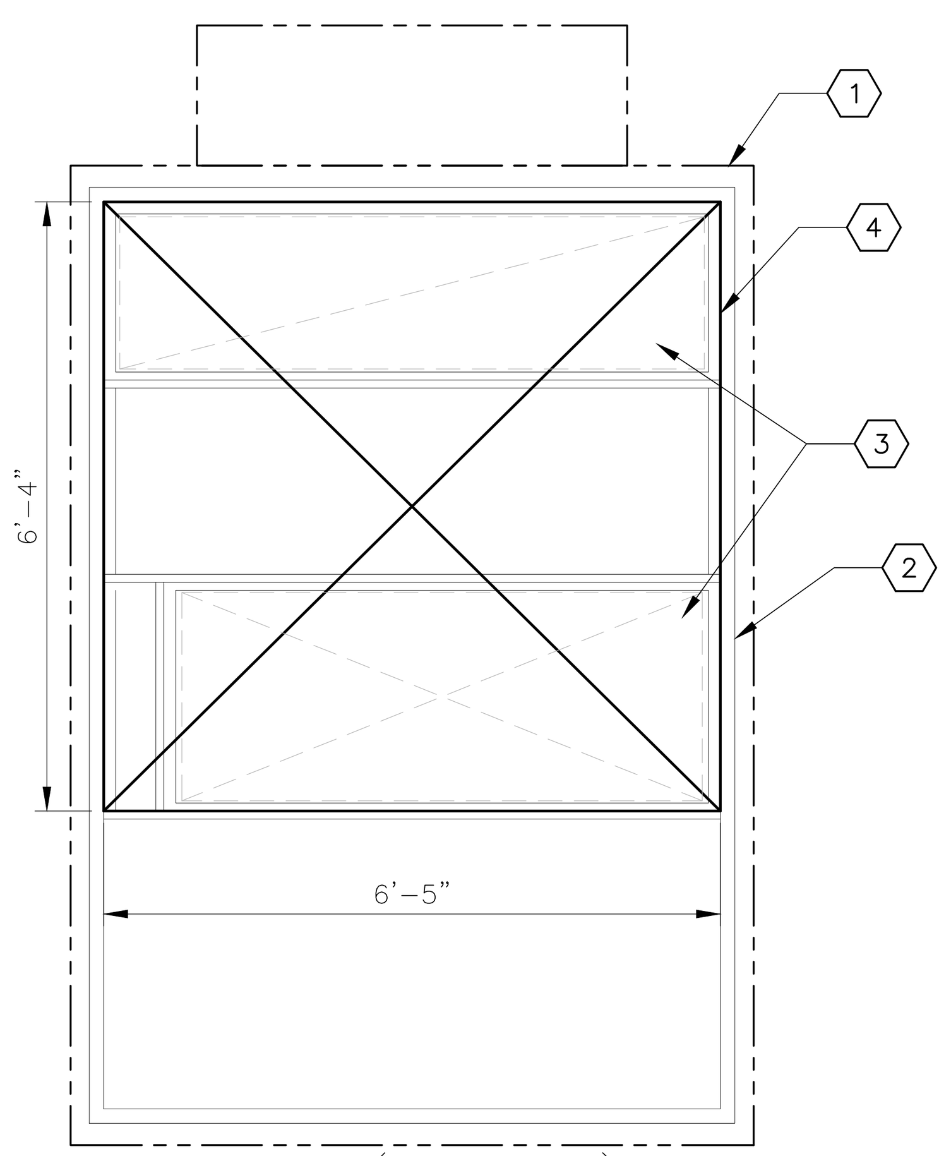
KEYED NOTES:
1. UPBLAST EXHAUST FAN (SEE EXHAUST FAN SCHEDULE)
2. HINGED CURB CAP FOR CLEANING ACCESS (FURNISHED WITH FAN)
3. GREASE TRAP (FURNISHED WITH FAN)
4. NEMA 3R DISCONNECT SWITCH (FURNISHED WITH FAN)
5. 12" HIGH CURB EXTENSION (FURNISHED WITH FAN)
6. 18" HIGH CURB (FURNISHED WITH FAN)
7. TWO (2) LAYERS OF 1½" THICK DUCT WRAP TO MEET ASTM E2336 INSTALLED PER MANUFACTURER'S INSTRUCTIONS (SEE MECHANICAL NOTES FOR INSULATION SPECIFICATION)
8. 16 GAUGE BLACK IRON (CARBON STEEL) OR 18 GAUGE STAINLESS STEEL DUCTWORK WELDED LIQUID-TIGHT
9. 5-GORE BLACK IRON (CARBON STEEL) RADIUS ELBOW
10. 12"x6" ACCESS DOOR AT ALL CHANGES IN DIRECTION
11. STAINLESS STEEL FASCIA PANEL TO PROTECT DUCTWORK AND INSULATION
12. BACKSHELF TYPE EXHAUST HOOD (SEE KITCHEN EXHAUST HOOD SCHEDULE)
13. COOKING APPLIANCE (SEE KITCHEN DRAWINGS)
14. REAR WALL CONSTRUCTION SHALL CONSIST OF CERAMIC TILE OR MIN. 22 GAUGE STAINLESS STEEL OVER ⅝" TYPE X GYPSUM BOARD OR ½" CEMENT BOARD FROM FLOOR TO CEILING AND EXTENDING 24" TO EACH SIDE OF THE HOOD INSTALLED ON NON-COMBUSTIBLE WALL (REFER TO SHEET A1.0 FOR MORE INFORMATION.
15. 2x10 LIGHT GAUGE STEEL FOR SUPPORT BLOCKING FOR HOOD AND RACEWAY (COORDINATE INSTALLATION WITH HOOD INSTALLER)
16. STRUCTURAL FRAMING FOR ROOF OPENING (SEE STRUCTURAL DRAWINGS)
17. TRANSITION TO FLEXIBLE CONDUIT UNDER ROOF PENETRATION WHERE ALLOWED BY CODE.
18. ROOF PIPE PORTAL, RPS-N18(1) RC-2A 12x12x11H.
19. ¼" PER FOOT SLOPE PITCHED BACK TOWARDS THE HOOD.

SECTION 8/M3.0
KITCHEN EXHAUST HOOD INSTALLATION
SCALE: ½"=1'-0"

KEYED NOTES:
1. OUTLINE OF ROOFTOP UNIT
2. ROOF CURB
3. SUPPLY AND RETURN AIR DUCT DROPS
4. ROOF OPENING



RTU-2 (4 TON)



RTU-1 (20 TON) &
RTU-3 (12.5-TON)

City of Puyallup
Development & Permitting Services
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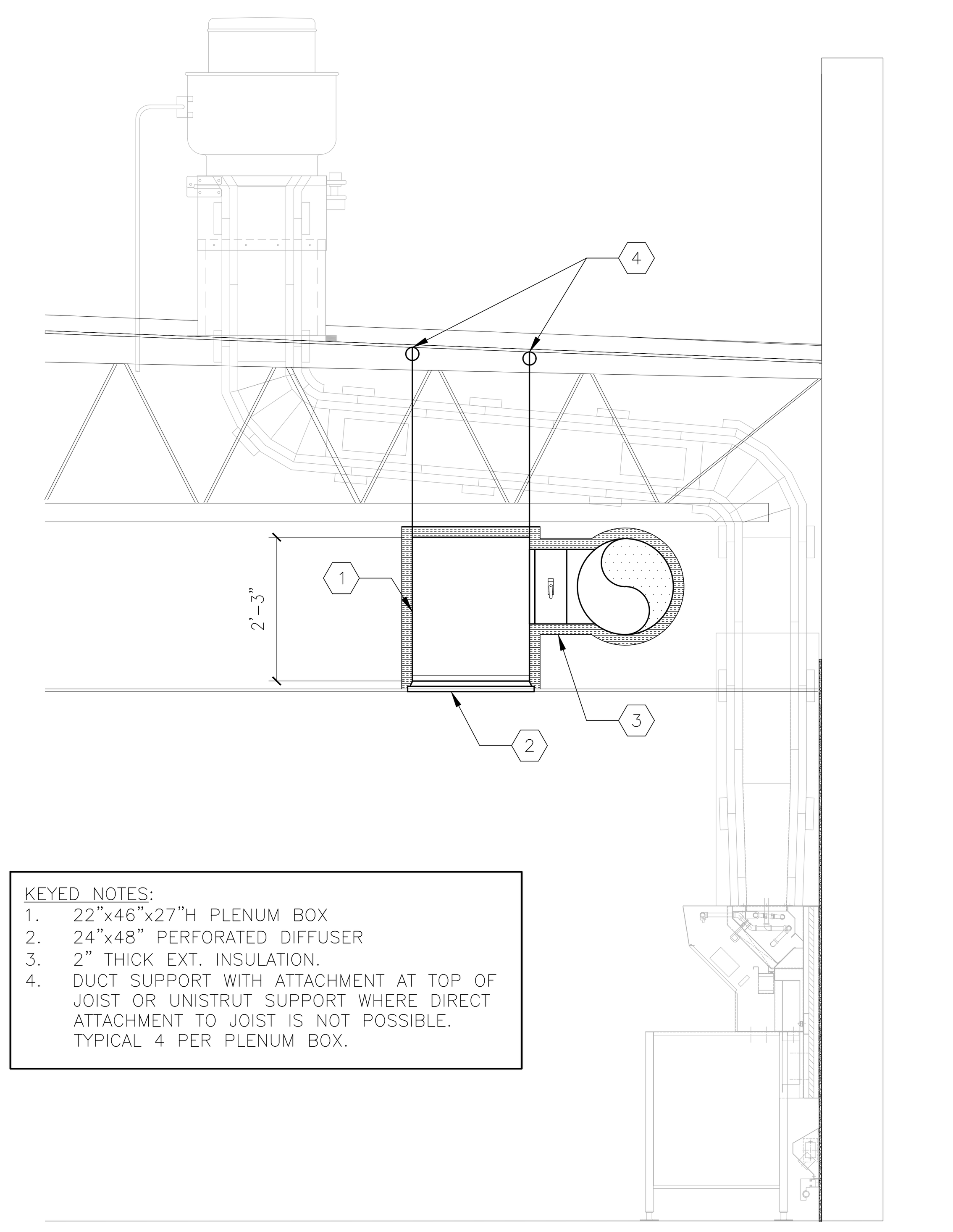
Building	Planning
Engineering	Public Works
Fire	Traffic

DETAIL 9/M3.0
ROOF OPENINGS
SCALE: ½"=1'-0"



KEYED NOTES:
1. 22"x46"x27"H PLENUM BOX
2. 24"x48" PERFORATED DIFFUSER
3. 2" THICK EXT. INSULATION.
4. DUCT SUPPORT WITH ATTACHMENT AT TOP OF JOIST OR UNISTRUT SUPPORT WHERE DIRECT ATTACHMENT TO JOIST IS NOT POSSIBLE. TYPICAL 4 PER PLENUM BOX.

SECTION 10/M3.0
SUPPLY (S-1) PLENUM INSTALLATION
SCALE: ½"=1'-0"

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	MMM
1	03/20/25	PLAN CHECK COMMENTS	MMM

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PRCNC20241917

03/19/25
Seal

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY: MMM
STD ISSUE DATE: 12/10/24
REVIEWED BY: MMM
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING - WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

046-1172.00.0
M3.0
DETAILS

MCD24092.0 - PUYALLUP, WA

P:\SEA\04 MEP\MCDONALDS\MEP-MCD24092.0 - REBUILD - PUYALLUP, WA\03 CONSTRUCTION DOCUMENTS\MECH.DWG 3/21/2025 5:45 AM MARK MANGLICMOT

MECHANICAL NOTES

GENERAL:

1. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH ALL LOCAL CODES AND ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION.
2. ALL DIMENSIONS, CLEARANCES AND TOLERANCES SHALL BE VERIFIED PRIOR TO INSTALLATION.
3. ALL MATERIALS, FIXTURES AND EQUIPMENT USED SHALL BE IN ACCORDANCE WITH McDONALD'S SPECIFICATIONS. SPECIFICATIONS ARE CONTAINED WITHIN THESE DRAWINGS AND THE McDONALD'S PROJECT MANUAL. ANY CONTRACTOR IN NEED OF A COPY OF THE McDONALD'S PROJECT MANUAL SHALL CONTACT THE McDONALD'S AREA CONSTRUCTION MANAGER. ANY VARIANCE FROM THE McDONALD'S SPECIFICATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER-OF-RECORD.
4. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH ITS LISTING AND/OR THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
5. SEE COORDINATION SCHEDULE FOR ADDITIONAL SCOPE OF WORK.
6. PRIOR TO BUILDING TURNOVER, A COMPLETE START-UP, TEST, ADJUST AND BALANCE SHALL BE PERFORMED ON ALL MECHANICAL SYSTEMS. THIS WORK SHALL BE PERFORMED BY A CERTIFIED TEST AND BALANCE CONTRACTOR. A CERTIFIED TEST AND BALANCE CONTRACTOR CAN BE FOUND BY VISITING:
   HTTP://WWW.AABCHQ.COM/DIRECTORY
   HTTP://WWW.NEBB.ORG/DIRECTORY.HTM
   HTTP://WWW.TABBCERTIFIED.ORG/SITE/CONTENT/CONTRACTORS/SEARCH
7. UPON COMPLETION OF THE PUNCHLIST, THE MECHANICAL CONTRACTOR AND TEST AND BALANCE CONTRACTOR SHALL SUBMIT REDLINED OR AS-BUILT DRAWINGS ALONG WITH THE TEST AND BALANCE REPORT AND ALL EQUIPMENT OPERATION AND MAINTENANCE MANUALS TO THE McDONALD'S AREA CONSTRUCTION MANAGER. A MINIMUM OF TWO (2) COPIES SHALL BE PROVIDED, ONE (1) FOR REGIONAL RECORDS AND ONE (1) FOR THE RESTAURANT.
8. ALL PENETRATIONS OF FIRE-RATED WALLS SHALL BE FIRESTOPPED WITH AN APPROVED AND LISTED FIRESTOPPING SYSTEM.

VENTILATION SYSTEMS:

1. ALL SHEET METAL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH LOCAL CODES AND SMACNA STANDARDS.
2. ALL DUCTWORK DIMENSIONS ARE INTERNAL FREE AREA DIMENSIONS AND SIZED FOR 0.08" W.C. PER 100 FT. OF DUCT.
3. ALL SHEET METAL DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SMACNA TABLES FOR 2" W.C. AND SHALL BE SUPPORTED WITH AN APPROVED HANGER AT INTERVALS NOT EXCEEDING 10 FT.
4. ALL DUCT DROPS INTO THE BUILDING SHALL BE INSTALLED WITH FLEXIBLE CONNECTIONS TO ISOLATE THE DUCTWORK SYSTEM FROM NOISE AND VIBRATION. FLEXIBLE CONNECTIONS SHALL BE TESTED IN ACCORDANCE WITH UL 181 AND LISTED AS CLASS 0 OR CLASS 1.
5. ALL DUCT DROPS INTO THE BUILDING SHALL BE OFFSET AS NECESSARY TO ALLOW FOR THE CLEAR INSTALLATION OF THE EXTERNAL DUCTWORK INSULATION.
6. ALL DUCTWORK BRANCHES THAT SERVE A SINGLE DIFFUSER SHALL BE SUPPLIED WITH A VOLUME DAMPER FOR BALANCING. BRANCHES THAT SERVE MULTIPLE DIFFUSERS, THE BALANCING IS HANDLED VIA REMOTE DAMPER INSTALLED NEAR THE DIFFUSER. REFER TO M1.2 FOR DAMPER LOCATIONS. VOLUME DAMPER SHALL HAVE A 2" OFFSET TO ACCOMMODATE EXTERNAL INSULATION.
7. TAKE-OFFS FROM RECTANGULAR TO ROUND DUCT SHALL BE DUCTMATE STRAIGHT-SIDED OR CENTER HIGH-EFFICIENCY TAKE-OFFS WITH A 2" DAMPER STAND-OFF TO ACCOMMODATE FOR EXTERNAL INSULATION.
8. ALL DUCTWORK JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS SHALL BE SEALED WITH WELDS, GASKETS, MASTICS (ADHESIVES), TAPES, ETC. ALL SEALANT MATERIALS SHALL BE LISTED IN ACCORDANCE WITH UL 181A OR 181B.
9. ALL SUPPLY AND RETURN SHEET METAL DUCTWORK LOCATED WITHIN THE CEILING SPACE SHALL BE EXTERNALLY INSULATED. INSULATION SHALL BE 2" THICK MICROLITE FSK-100 BY JOHNS MANVILLE OR EQUAL.
10. ALL SUPPLY AND RETURN SHEET METAL DUCTWORK LOCATED OUTSIDE OF THE BUILDING SHALL BE INTERNALLY LINED WITH A 1" THICK FIBERGLASS (MIN. R-4.2) AND EXTERNALLY INSULATED WITH A 2" THICK RIGID POLYSTYRENE, POLYURETHANE OR POLYISOCYANURATE BOARD (MIN. R-8 FOR CLIMATE ZONES 1 THROUGH 4), OR A 3" THICK (MIN R-12 FOR CLIMATE ZONES 5 THROUGH 8). INTERNAL FIBERGLASS INSULATION SHALL BE LINATEX BY JOHNS MANVILLE OR EQUAL. EXTERNAL RIGID BOARD INSULATION SHALL BE THERMAPINK BY OWENS CORNING OR EQUAL.
11. FOR APPLICABLE SITUATIONS OR PLAYPLACE ADDITIONS: ALL EXPOSED SPIRAL DUCTWORK SHALL BE INTERNALLY INSULATED TO PREVENT CONDENSATION (MIN. R-4.3). INTERNAL INSULATION SHALL BE 1" THICK SPIRACOUSTIC PLUS BY JOHNS MANVILLE OR EQUAL.
12. ALL DUCTWORK PENETRATIONS THROUGH FIRE-RATED WALLS, BARRIERS OR PARTITIONS SHALL BE PROTECTED WITH A FIRE DAMPER. THE PERIMETER OF THE FIRE DAMPER SHALL BE FIRESTOPPED WITH AN APPROVED AND LISTED FIRESTOPPING MATERIAL.
13. ALL EXTERIOR SHEET METAL DUCTWORK SHALL BE EXTERNALLY WRAPPED WITH AN APPROVED WEATHERPROOFING MATERIAL TO PROTECT AGAINST WATER PENETRATION AND CORROSION. SIDES AND TOP OF EXTERNAL WEATHERPROOFING SHALL BE ALUMAGUARD 60 MIL UV BARRIER BY POLYGUARD OR EQUAL. BOTTOM OF EXTERNAL WEATHERPROOFING SHALL BE VAPORGUARD 5 MIL MEMBRANE BY POLYGUARD OR EQUAL.
14. ALL FLEXIBLE DUCTWORK, METALLIC AND NONMETALLIC, SHALL CONFORM TO THE FOLLOWING:
   A. 2" THICK INSULATION (R-6.0) SEE NOTE#9 AND TABLE(S) BELOW:

DUCT LOCATION: UNCONDITIONED SPACE			CLIMATE ZONES 1 THROUGH 8
DUCTWORK CLASSIFICATION	PRESSURE	SEAL CLASS	INSULATION
SUPPLY	2.00" W.C.	A	TYPE A (R-6)
RETURN	-2.00" W.C.	A	TYPE A (R-6)
EXHAUST	-2.00" W.C.	A	(*)TYPE A (R-6)
HANGER SUPPORTS	EVERY 6 FT.		1" TYPE B

DUCT LOCATION: EXTERIOR (INCLUDES ATTICS ABOVE INSULATED CEILINGS AND CRAWL SPACES.			CLIMATE ZONES 1 THROUGH 4	CLIMATE ZONES 5 THROUGH 8
DUCTWORK CLASSIFICATION	PRESSURE	SEAL CLASS	INSULATION	INSULATION
SUPPLY	2.00" W.C.	A	TYPE A (R-8)	TYPE A (R-12)
RETURN	-2.00" W.C.	A	TYPE A (R-8)	TYPE A (R-12)
EXHAUST	-2.00" W.C.	A	(*)TYPE A (R-8)	(*)TYPE A (R-12)
HANGER SUPPORTS	EVERY 6 FT.		1" TYPE B	

   (*) EXHAUST DUCTWORK IS ONLY REQUIRED TO BE INSULATED WITHIN 2-FEET OF ROOF PENETRATION. REFER TO "COMMERCIAL KITCHEN EXHAUST SYSTEMS", NOTE#4 FOR FIRE WRAPPING REQUIREMENTS ON KITCHEN GREASE DUCTWORK.

   B. INTEGRAL VAPOR BARRIER
   C. LISTED AND LABELED UL 181, CLASS 0 OR CLASS 1
   D. INSTALLED IN ACCORDANCE WITH:
      i. SMACNA STANDARDS,
      ii. AIR DIFFUSION COUNCIL INSTALLATION GUIDELINES, AND/OR
      iii. MANUFACTURER'S INSTALLATION INSTRUCTIONS
14. FLEXIBLE DUCTWORK SHALL NOT PENETRATE WALLS. SHEET METAL DUCTWORK IS REQUIRED AT ALL FIRE-RATED AND DRAFTSTOP WALL PENETRATIONS.
15. ALL COVERINGS, LININGS AND ADHESIVES (TAPES, ETC.) SHALL HAVE A FLAME-SPREAD INDEX NOT GREATER THAN 25 AND A SMOKE-DEVELOPED INDEX NOT GREATER THAN 50.
16. DUCT-MOUNTED SMOKE DETECTORS, PROVIDED BY ROOFTOP UNIT MANUFACTURER, SHALL BE INSTALLED IN SYSTEMS WITH DESIGN CAPACITY GREATER THAN 2,000 CFM. SEE MECHANICAL DRAWINGS FOR LOCATIONS OF SMOKE DETECTORS. DUCT-MOUNTED SMOKE DETECTORS ARE NOT REQUIRED WHEN THE BUILDING IS PROTECTED THROUGHOUT BY AREA SMOKE DETECTORS CONNECTED TO A FIRE ALARM SYSTEM WHERE THE FIRE ALARM SYSTEM IS DESIGNED TO SHUT DOWN THE ROOFTOP UNITS.
17. ALL SUPPLY AIR DIFFUSERS SHALL BE INSULATED TO PREVENT CONDENSATION.
18. ALL AIR DEVICES LOCATED IN DRYWALL CEILINGS SHALL BE SUPPLIED WITH AN INTEGRAL VOLUME DAMPER ACCESSIBLE FROM THE AIR DEVICE FACE TO FACILITATE BALANCING.
19. ALL OUTDOOR AIR INTAKES SHALL BE LOCATED A MINIMUM OF 10 FT. HORIZONTALLY FROM ANY SOURCE OF CONTAMINATION SUCH AS EXHAUST FANS, PLUMBING VENTS, WATER HEATER FLUES, ETC. WHERE A CONTAMINANT SOURCE IS LOCATED WITHIN 10 FT. OF AN INTAKE, THE INTAKE OPENING SHALL BE LOCATED A MINIMUM OF 2 FT. BELOW THE CONTAMINANT SOURCE.
20. ALL ROOFTOP CONDENSING UNITS THAT DISCHARGE HORIZONTALLY SHALL BE ORIENTED SUCH THAT THE DISCHARGE DOES NOT BLOW IN THE DIRECTION OF AN OUTDOOR AIR INTAKE.

COMMERCIAL KITCHEN EXHAUST SYSTEMS:

1. ALL METAL DUCTWORK USED FOR THE CONVEYANCE OF GREASE-LADEN AIR SHALL BE CONSTRUCTED OF MINIMUM 18 GAUGE STAINLESS STEEL OR 16 GAUGE CARBON STEEL (BLACK IRON).
2. ALL GREASE EXHAUST DUCTWORK JOINTS SHALL BE EITHER TELESCOPING OR BELL TYPE. BUTT-WELDED JOINTS ARE PROHIBITED.
3. ALL GREASE EXHAUST DUCTWORK SEAMS AND JOINTS SHALL BE CONTINUOUSLY WELDED WATER-TIGHT ON THE EXTERNAL SURFACE OF THE DUCT SYSTEM. ALL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER.
4. ALL GREASE EXHAUST DUCTWORK SHALL BE EXTERNALLY INSULATED WITH A ASTM E2336 LISTED AND LABELED GREASE DUCT ENCLOSURE SYSTEM. INSULATION SHALL BE INSTALLED IN ACCORDANCE WITH ITS LISTING AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
5. ACCESS PANELS SHALL BE PROVIDED AT ALL CHANGES IN DIRECTION OF THE GREASE EXHAUST DUCTWORK SYSTEM. ACCESS PANELS SHALL BE INSTALLED IN ACCORDANCE WITH THE INSULATION MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SHALL BE LABELED AS FOLLOWS: "ACCESS PANEL - DO NOT OBSTRUCT".
6. ALL HORIZONTAL GREASE EXHAUST DUCTWORK SHALL BE INSTALLED WITH A MINIMUM ¼" PER FOOT SLOPE AND SHALL BE PITCHED BACK TOWARD THE HOOD.
7. UPBLAST KITCHEN EXHAUST FANS SHALL BE LOCATED A MINIMUM OF 6 FT. FROM ANY PARAPET WALL OR ADJACENT STRUCTURE AND SHALL TERMINATE A MINIMUM OF 40 INCHES ABOVE THE FINISHED ROOFING MATERIAL.

REFRIGERANT PIPING:

1. ALL REFRIGERATION WORK SHALL BE PERFORMED BY A CERTIFIED REFRIGERATION CONTRACTOR.
2. ALL REFRIGERANT PIPING SHALL BE SEAMLESS COPPER TUBING OF TYPE L IN ACCORDANCE WITH ASTM B 88 AND ALL JOINTS SHALL BE SOLDERED.
3. ALL REFRIGERANT SUCTION LINES SHALL BE INSULATED WITH A MINIMUM 1" FOAM PIPE INSULATION. PIPE INSULATION INSTALLED OUTDOORS SHALL BE PROTECTED WITH AN APPROVED WEATHERPROOFING MATERIAL.
4. ALL SUSPENDED REFRIGERANT PIPING SHALL BE SUPPORTED AS FOLLOWS:

MATERIAL	MAX. HORIZ. SPACING	MAX. VERT. SPACING
COPPER TUBING ≤1¼"	6 FT.	10 FT.
COPPER TUBING ≥1½"	10 FT.	10 FT.

5. ALL REFRIGERANT PIPING SHALL BE SIZED PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
6. PRE-CHARGED LINESETS ARE NOT PERMITTED AS LINES WILL MOST LIKELY NEED TO BE CUT TO FIT THE APPLICATION AND REFRIGERANT WILL NEED TO BE RECLAIMED.
7. ALL PIPE INSULATION SHALL BE PROTECTED FROM DAMAGE FROM PIPE HANGERS. PROTECTION SHALL BE LIGHT GAUGE GALVANIZED STEEL OR EQUAL.
8. ALL REFRIGERANT PIPING SYSTEMS SHALL BE PRESSURE TESTED FOR LEAKS PRIOR TO START-UP. ALL LEAKS SHALL BE REMEDIED PRIOR TO BUILDING TURNOVER.
9. ALL PIPING SHALL MEET MINIMUM INSULATION THICKNESS PER THE TABLE BELOW:

PIPING	MINIMUM INSULATION THICKNESS (IN INCHES) PER NOMINAL PIPE OR TUBE SIZE				
NOMINAL PIPE SIZE	<1	1 TO 1.5	1.5 TO <4	4 TO <8	≥8
LIQUID (REFRIGERATION) (<40°F)	0.5	1.0	1.0	1.0	1.5
SUCTION (REFRIGERATION) (<40°F)	0.5	1.0	1.0	1.0	1.5

CO2 DETECTION EQUIPMENT:

1. THE CO2 DETECTOR SHALL BE HARD-WIRED TO PREVENT TAMPERING AND SHALL BE INSTALLED AT 12" A.F.F. WITHIN A 5 FT. RADIUS OF THE CO2 STORAGE TANKS.
2. ONE (1) AUDIBLE AND ONE (1) VISUAL ALARM SHALL BE INSTALLED A MINIMUM OF 7 FT. A.F.F., IN PLAIN SIGHT IN THE SAME ROOM AS THE CO2 STORAGE TANKS.
3. ONE (1) AUDIBLE AND ONE (1) VISUAL ALARM SHALL BE INSTALLED A MINIMUM OF 7 FT. A.F.F., AT THE BACK OF THE KITCHEN AND IN PLAIN SIGHT OF THE MAIN SIDE OF THE PREP LINE.
4. THE CO2 EXTERIOR STROBE SHALL BE INSTALLED AS SHOWN ON SHEET A2.0, (DETAIL 2) AND ON SHEET E1.1. THE INSIDE AUDIBLE AND VISUAL ALARM SHALL BE INSTALLED INSIDE THE CO2 CLOSET, AND IN THE SUPPORT/BACK-OF-THE HOUSE LOCATION AS SHOWN ON SHEETS E1.1 AND E3.0.

CONDENSATE PIPING:

1. CONDENSATE PIPING SHALL BE GALVANIZED STEEL, COPPER OR PVC.
2. PVC PIPE SHALL BE PAINTED WITH WATER BASED LATEX PAINTING TO RESIST DEGRADATION FROM ULTRAVIOLET EXPOSURE.
3. PIPE SUPPORTS SHALL BE RPS MODEL PMP-2 OR EQUAL. QUANTITY AS REQUIRED DEPENDANT UPON PIPING MATERIAL.
4. PIPING SHALL BE SUPPORTED AS FOLLOWS:

MATERIAL	MAX. HORIZ. SPACING	MAX. VERT. SPACING
COPPER PIPE	12 FT.	10 FT.
GALVANIZED STEEL	12 FT.	15 FT.
PVC	4 FT.	15 FT.

5. CONDENSATE PIPING SHALL SLOPE A MINIMUM OF ⅛" PER FOOT.
6. CONDENSATE PIPING SHALL BE SIZED BASED ON THE FOLLOWING:

TOTAL TONS SERVED BY PIPE	MINIMUM PIPE SIZE
<20 TONS	¾"
>20 TONS, <40 TONS	1"
>40 TONS, <125 TONS	1½"

City of Puyallup
Development & Permitting Services
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LEGEND

Symbol	Description
TS	TEMPERATURE SENSOR
ATS	AVERAGING TEMPERATURE SENSOR
CO2	CO2 SENSOR FOR ROOFTOP UNIT DEMAND CONTROL VENTILATION
HS	HUMIDITY SENSOR
T	THERMOSTAT
S	SMOKE DETECTOR
KH 2	EQUIPMENT TAG
R-1 / 1750 CFM / 18"ø	DIFFUSER INFORMATION LINE 1: TAG LINE 2: AIRFLOW LINE 3: NECK SIZE
	SUPPLY AIR DUCT (VERTICAL)
	RETURN OR EXHAUST AIR DUCT (VERTICAL)
	ROUND DUCT (VERTICAL)
SSC	STEADY-STATE SPEED CONTROLLER
	PLAQUE DIFFUSER (SHADED AREA DESIGNATES BLANK-OFF PANEL LOCATION)
	LINEAR SLOT DIFFUSER
	LOUVERED FACE DIFFUSER
	CEILING-MOUNTED EXHAUST FAN
	SPIN-IN COLLAR WITH VOLUME DAMPER
	VOLUME DAMPER
	FLEXIBLE DUCTWORK
12"ø	SHEET METAL DUCTWORK W/DIA. SIZE
	PERFORATED FACE DIFFUSER
	SHEET METAL TEE WITH CAP

ABBREVIATIONS

ACM	AREA CONSTRUCTION MANAGER
B.J.	BELOW JOISTS
BSI	BEVERAGE SYSTEM INSTALLER
DCV	DEMAND CONTROL VENTILATION
E.A.	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
FAC	FIRE ALARM CONTRACTOR
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FPC	FIRE PROTECTION CONTRACTOR
GC	GENERAL CONTRACTOR
I.D.	INSIDE DIMENSION
KEI	KITCHEN EQUIPMENT INSTALLER
KES	KITCHEN EQUIPMENT SUPPLIER
M.A. (S)	MIXED AIR - SUMMER
M.A. (W)	MIXED AIR - WINTER
MC	MECHANICAL CONTRACTOR
O.A.	OUTDOOR AIR
O.D.	OUTSIDE DIMENSION
O/O	OWNER/OPERATOR
PC	PLUMBING CONTRACTOR
R.A.	RETURN AIR
RC	REFRIGERATION CONTRACTOR
S.A.	SUPPLY AIR
S.P.	STATIC PRESSURE
MC	TEST AND BALANCE CONTRACTOR

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	MMM
1	03/20/25	PLAN CHECK COMMENTS	MMM

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PRCNC20241917

Seal: M. MANGLICMOT, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER, 03/19/25

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY: MMM
STD ISSUE DATE: 12/10/24
REVIEWED BY: MMM
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING - WOOD BEARING WALLS, WOOD ROOF TRUSS FRAMING, STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1180
SITE ADDRESS: 3902 E Pioneer, Puyallup, WA 98372

MCD24092.0 - PUYALLUP, WA

046-1172.00.0
M4.0
GENERAL NOTES

COORDINATION SCHEDULE

GENERAL REQUIREMENTS	FURNISH	INSTALL	FINAL CONNECTION	NOTES
MECHANICAL PERMIT	MC			1–3
HOT WORK (WELDING) PERMIT (IF APPLICABLE)	MC			1–3
REFRIGERATION PERMIT (IF APPLICABLE)	KES			1–3
PLUMBING PERMIT	PC			1–3
ELECTRICAL PERMIT	EC			1–3
FIRE SPRINKLER PERMIT (IF APPLICABLE)	FPC			1–3
FIRE ALARM PERMIT (IF APPLICABLE)	FAC			1–3
CONTRACTOR COORDINATION REQUIREMENTS				
HEATING & AIR–CONDITIONING				
ROOFTOP UNITS, INTAKE AND RELIEF	MCD CP	MC		1–5, 17, 22
ROOF CURBS	MCD CP	MC		1–3, 20, 22
GAS PIPING AND GAS PIPE KIT	PC	PC	PC	1–3, 14, 22–23
CONTROLS WIRING	MC	EC	EC	1–3, 19, 22, 24
POWER WIRING	EC	EC	EC	1–3, 19, 22, 24
CONDENSATE TRAP	MC	PC		1–3, 22–23
CONDENSATE PIPING (IF APPLICABLE)	PC	PC		1–3, 22–23
DUCT–MOUNTED SMOKE DETECTOR	MC	MC	EC	1–3, 22, 24
GENERAL EXHAUST SYSTEMS				
EXHAUST FANS	MCD CP	MC		1–3, 17, 22
ROOF CURBS	MCD CP	MC		1–3, 22
CONTROLS (WHERE APPLICABLE)	MC	EC	EC	1–3, 22, 24
POWER WIRING	EC	EC	EC	1–3, 22, 24
TEMPERATURE CONTROLS				
BUILDING AUTOMATION SYSTEM	MCD CP	MC	EC	1–3, 22, 24
REMOTE SENSORS (RH AND/OR TEMPERATURE)	MC	MC	EC	1–3, 22, 24
CONTROLS WIRING (WHERE APPLICABLE)	MC	EC	EC	1–3, 22, 24
POWER WIRING	EC	EC	EC	1–3, 22, 24
DUCTWORK AND ACCESSORIES				
GALVANIZED SHEET METAL DUCTWORK	MC	MC		1–3, 22
EXTERNAL INSULATION	MC	MC		1–3, 22
INTERNAL INSULATION (IF APPLICABLE)	MC	MC		1–3, 22
WEATHERPROOFING (IF APPLICABLE)	MC	MC		1–3, 22
SPIN–IN COLLARS	MC	MC		1–3, 22
FLEXIBLE DUCTWORK	MC	MC		1–3, 22
VOLUME/BALANCING DAMPERS	MC	MC		1–3, 22
FIRE DAMPERS (IF APPLICABLE)	MC	MC		1–3, 22
FIRESTOPPING (IF APPLICABLE)	MC	MC		1–3, 22
AIR DEVICES AND ACCESSORIES	MC	MC	MC	1–3, 7, 22, 28
PLUMBING SYSTEMS				
WATER HEATERS	MCD CP	PC	PC	1–3, 11–12, 23
HOT AND COLD WATER PIPE	PC	PC	PC	1–3, 23
VENTS AND INTAKES	PC	PC	PC	1–3, 23
THERMOSTATIC MIXING VALVE	PC	PC	PC	1–3, 23
POWER AND CONTROL WIRING	EC	EC	EC	1–3, 23–24
KITCHEN EXHAUST SYSTEMS				
McDONALD'S BACKSHELF EXHAUST HOODS	KES	KEI		1–3, 6, 22, 27
CANOPY EXHAUST HOODS (IF APPLICABLE)	KES	KEI		1–3, 6, 22, 27
BLACK IRON DUCTWORK	KES	KEI		1–3, 6, 22
STAINLESS STEEL DUCTWORK (IF APPLICABLE)	KES	KEI		1–3, 6, 22
ALUMINUM DUCTWORK (IF APPLICABLE)	KES	KEI		1–3, 6, 22
UL LISTED DUCT WRAP	MC	MC		1–3, 6, 22
FIRE–RATED DUCT ENCLOSURE (IF APPLICABLE)	GC	GC		1–3, 6, 20, 22
EXHAUST FANS	MCD CP	MC		1–3, 6, 17, 22
ROOF CURBS	MCD CP	MC		1–3, 6, 20, 22
CURB EXTENSIONS	MC	MC		1–3, 6, 22
CONTROLS (WHERE APPLICABLE)	EC	EC	EC	1–3, 6, 22, 24
POWER WIRING	EC	EC	EC	1–3, 6, 22, 24
FIRE SUPPRESSION SYSTEM	KES	KES	KES	1–3, 16, 22, 27
KITCHEN EQUIPMENT				
COOLER/FREEZER	KES	GC		1–3, 27
EVAPORATOR COILS	KES	MC		1–3, 27
CONDENSATE PIPING	PC	PC	PC	1–3, 23, 27
REMOTE CONDENSING UNIT (MAC)	KES	MC		1–3, 22, 27
ROOF CURBS	MC	MC		1–3, 22
REFRIGERANT PIPING	KES	MC	MC	1–3, 22, 27
POWER WIRING	EC	EC	EC	1–3, 22, 24, 27
CONTROL WIRING	EC	EC	EC	1–3, 24, 27
PIPE PORTALS	MC	MC		1–3, 22
ICE MACHINES	KES	KEI		1–3, 27
WATER SUPPLY PIPING	KES	KEI	BSI	1–3, 27
REMOTE CONDENSING UNITS	KES	MC		1–3, 22, 27
ROOF CURBS	MC	MC		1–3, 22, 27
REFRIGERANT PIPING	KES	MC	MC	1–3, 22, 27
POWER WIRING	EC	EC	EC	1–3, 22, 24, 27
CONTROL WIRING	KES	EC	EC	1–3, 24, 27
PIPE PORTALS	MC	MC		1–3, 22
GRILLS	KES	KES		1–3, 27
GAS PIPING (IF APPLICABLE)	PC	PC	PC	1–3, 23, 27
POWER WIRING	EC	EC	EC	1–3, 24, 27
CONTROL CABLE (6' CLAMSHELL ONLY)	MC	EC	EC	1–3, 23, 24, 27
FRYERS	KES	KES		1–3, 27
GAS PIPING (IF APPLICABLE)	PC	PC	PC	1–3, 23, 27
POWER WIRING	EC	EC	EC	1–3, 24, 27
3–COMPARTMENT SINK	KES	KES		1–3, 12, 27
FAUCETS AND PRE–RINSE SPRAYER	KES	KES		1–3, 27
WATER SUPPLY PIPING	PC	PC	PC	1–3, 23, 27
SANITARY DRAIN PIPING	PC	PC	PC	1–3, 23, 27
HAND SINKS	MCD CP	PC		1–3, 23, 27
FAUCET	MCD CP	PC		1–3, 23, 27
WATER SUPPLY PIPING	PC	PC	PC	1–3, 23, 27
SANITARY DRAIN PIPING	PC	PC	PC	1–3, 23, 27
VEGETABLE SINK	KES	KES		1–3, 23, 27
FAUCET	KES	KES		1–3, 23, 27
WATER SUPPLY PIPING	PC	PC	PC	1–3, 23, 27
SANITARY DRAIN PIPING	PC	PC	PC	1–3, 23, 27
WASHING MACHINE	KES	KES		1–3, 23, 27
WATER SUPPLY PIPING	PC	PC	PC	1–3, 23, 27
SANITARY DRAIN PIPING	PC	PC	PC	1–3, 23, 27
WARE WASHER	KES	KES		1–3, 23, 27
WATER SUPPLY PIPING	PC	PC	PC	1–3, 23, 27
SANITARY DRAIN PIPING	PC	PC	PC	1–3, 23, 27
MISCELLANEOUS ITEMS				
FIRE SPINKLER SYSTEMS	FPC	FPC	FPC	1–3, 15, 25
HVAC EQUIPMENT START–UP	MC			1–3, 22
TEST, ADJUST AND BALANCE HVAC SYSTEMS	TAB			1–3, 22
DOOR GRILLES (IF APPLICABLE)	MC	GC		1–3, 20, 22
ROOF/WALL OPENINGS	GC			1–3, 20–24
APPLIANCE BACKFLOW PREVENTION	KES/BSI	PC	PC	1–3, 23, 27
CO2 DETECTION SYSTEM	KES/BSI	EC/BSI	EC/BSI	1–3, 22, 27

NOTES:

1. THIS SCHEDULE IS INTENDED AS A GUIDE FOR THE WORK TO BE PERFORMED. ALL WORK SHALL BE COORDINATED BETWEEN THE McDONALD'S AREA CONSTRUCTION MANAGER AND ALL GC AND O/O SUBCONTRACTORS.
2. ONE (1) COPY OF THE DECOR PACKAGE DRAWINGS SHALL BE SUPPLIED TO THE GENERAL CONTRACTOR AND EACH OF THE SUBCONTRACTORS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE SUBCONTRACTORS TO INSURE THAT THEY HAVE RECEIVED THE DECOR PACKAGE DRAWINGS.
3. FOR ANY WORK NOT CLARIFIED IN THIS SCHEDULE OR IN THE NOTES AND SPECIFICATIONS, PLEASE CONSULT THE McDONALD'S CONSTRUCTION MANAGER FOR SCOPE OF WORK.
4. ALL ROOFTOP UNIT EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR AND THE KITCHEN EQUIPMENT SUPPLIER SHALL BE ON SITE AT THE SAME TIME FOR A SINGLE CRANE LIFT. EQUIPMENT SITE ARRIVAL DATE SHALL BE COORDINATED BETWEEN THE CONSTRUCTION MANAGER, MECHANICAL CONTRACTOR AND KITCHEN EQUIPMENT SUPPLIER.
5. ALL ROOFTOP UNITS INSTALLED IN McDONALD'S RESTAURANTS SHALL BE HIGH EFFICIENCY EQUIPMENT. THE INSTALLATION OF STANDARD EFFICIENCY ROOFTOP UNITS IS PROHIBITED. PLEASE REFER TO THE LATEST EDITION OF IECC FOR HVAC EQUIPMENT PERFORMANCE REQUIREMENTS.
6. ALL KITCHEN EQUIPMENT REQUIRING EXHAUST SHALL BE INSTALLED IN ACCORDANCE WITH THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE REPORTED TO THE CONSTRUCTION MANAGER AND THE ENGINEER–OF–RECORD.
7. WHERE GYPSUM BOARD CEILINGS ARE INSTALLED, THE MECHANICAL CONTRACTOR SHALL SUPPLY DRYWALL MOUNTING FRAMES FOR LAY–IN TYPE DIFFUSERS.
8. ALL WORK SHOWN ON P1.6 DRAWING(S) SHALL BE COMPLETED BY THE BEVERAGE SYSTEM INSTALLER (OR K.E.S.) UNLESS OTHERWISE NOTED IN THE PLUMBING DRAWINGS.
9. ALL WORK ON P1.0 & P1.2 DRAWING(S) SHALL BE BY THE PLUMBING CONTRACTOR.
10. THE BEVERAGE SYSTEM INSTALLER FURNISHES, RUNS AND CONNECTS ALL FLEXIBLE WATER AND SYRUP LINES FOR ALL AFFECTED EQUIPMENT INCLUDING THE FOLLOWING:
    A. HOT CHOCOLATE
    B. COFFEE BREWER
    C. ICE MACHINE
    D. O.J.
    E. SODA TOWERS
11. ALL WATER HEATERS INSTALLED IN McDONALD'S RESTAURANTS SHALL BE HIGH EFFICIENCY SEALED–COMBUSTION WATER HEATERS. THE INSTALLATION OF STANDARD EFFICIENCY GRAVITY–VENTED WATER HEATERS IS PROHIBITED. PLEASE REFER TO THE LATEST EDITION OF IECC FOR SERVICE WATER–HEATING EQUIPMENT PERFORMANCE EFFICIENCY REQUIREMENTS.
12. THE CONSTRUCTION MANAGER, PLUMBING CONTRACTOR AND KITCHEN EQUIPMENT SUPPLIER SHALL COORDINATE WHICH SOILED DISHWASHER (3–COMPARTMENT SINK) IS BEING INSTALLED IN THE RESTAURANT.
13. ALL GAS PIPING FOR COOKING EQUIPMENT SHALL TERMINATE IN THE CEILING PRIOR TO THE INSTALLATION OF THE PIPING CHASE. UPON INSTALLATION OF THE CHASE, THE GAS PIPING SHALL THEN BE CONTINUED IN THE CHASE FOR FINAL CONNECTION TO THE APPLIANCE.
14. ALL GAS PIPING FOR ROOFTOP EQUIPMENT SHALL BE BROUGHT UP THROUGH THE BASE OF THE UNIT TO MINIMIZE ROOF PENETRATIONS. WHERE THIS IS NOT POSSIBLE, THE PLUMBING CONTRACTOR SHALL PROVIDE THE NECESSARY PIPE PORTALS ON ROOF.
15. ALL FIRE PROTECTION DRAWINGS CONTAINED WITHIN THIS SET ARE STRICTLY FOR REFERENCE ONLY. FIRE SPRINKLER DRAWINGS SHALL BE DESIGNED AND PERMITTED BY A FIRE PROTECTION CONTRACTOR.
16. ALL AMEREX KITCHEN PROTECTION WET CHEMICAL FIRE SUPPRESSION SYSTEMS FOR TYPE I HOODS SHALL BE DESIGNED AND INSTALLED BY A LOCAL CERTIFIED AMEREX AGENT. THE USE OF DRY CHEMICAL SYSTEMS IS PROHIBITED. THE LOCAL AMEREX AGENT CONTRACT IS HANDLED THROUGH THE KITCHEN EQUIPMENT SUPPLIER.
17. ALL ROOFTOP UNITS AND EXHAUST FANS ARE SUPPLIED WITH A FACTORY–INSTALLED DISCONNECT SWITCH.
18. ELECTRICAL CONTRACTOR SHALL PROVIDE DISCONNECT SWITCHES FOR REMOTE CONDENSING UNITS.
19. ALL ELECTRICAL CONDUITS FOR ROOFTOP EQUIPMENT SHALL BE BROUGHT UP THROUGH THE BASE OF THE UNIT TO MINIMIZE ROOF PENETRATIONS. WHERE THIS IS NOT POSSIBLE, THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE NECESSARY PIPE PORTALS ON ROOF.
20. WALK–IN COOLER AND WALK–IN FREEZER REFRIGERATION SYSTEMS SHALL MEET THE PERFORMANCE REQUIREMENTS OUTLINED IN THE LATEST EDITION OF IECC. MINIMUM ANNUAL WALK–IN ENERGY FACTOR (AWEF) PROVIDED BY EQUIPMENT MANUFACTURER IS DETERMINED IN ACCORDANCE WITH AHRI 1250.
21. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
22. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
23. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
24. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
25. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
26. SEE FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
27. SEE FIRE ALARM DRAWINGS FOR ADDITIONAL INFORMATION.
28. SEE KITCHEN DRAWINGS FOR ADDITIONAL INFORMATION.
29. SEE DECOR DRAWINGS FOR ADDITIONAL INFORMATION.

AIR DEVICE SCHEDULE

TAG	MANUFACTURER	MODEL	BORDER	SIZE	COLOR	ACCESSORIES	NOTES
S–1	TITUS / PRICE	PDR / PDDRE	LAY–IN	48x24	WHITE	7	1,2,8
S–2	TITUS / PRICE	OMNI / SPD	LAY–IN	24x24	VARIES	4,6,7	1,6,7,8
S–3	TITUS / PRICE	OMNI / SPD	LAY–IN	12x12	VARIES	1,2,7	1,3,6,8
S–4	TITUS / PRICE	TBDI–80 / TBDI4	LAY–IN	48" (2) ¾" SLOTS	VARIES	7	1,5,6,8
R–1	TITUS / PRICE	PAR / 10	LAY–IN	24x24	VARIES	7	1,6,8
R–2	TITUS / PRICE	355RL / 530	SURFACE MOUNT	4x12	WHITE	–	8
E–1	TITUS / PRICE	355RL / 530	LAY–IN	12x12	WHITE	1,7	1,8

ACCESSORIES:

1. COMBINATION DAMPER AND EQUALIZING GRID
2. PLASTER FRAME FOR DRYWALL CEILING INSTALLATION
3. (NOT USED)
4. BACKPAN INSULATION
5. (NOT USED)
6. BLANK–OFF PANEL AS SHOWN ON DUCTWORK PLAN
7. PLASTER FRAME MAY BE NECESSARY – COORDINATE WITH DECOR DRAWINGS

NOTES:

1. SEE PLAN FOR NECK SIZES
2. FABRICATE 46"x22"x27"H PLENUM WITH 14"ø SIDE INLET (SEE DETAIL 10 ON DRAWING M3.0)
3. PROVIDE 1" FIBERGLASS INSULATION FOR DIFFUSER BACKPAN
4. NOT USED
5. GENERAL CONTRACTOR SHALL PROVIDE ADDITIONAL 4 FT. T–BAR FOR DIFFUSER FRAMING
6. AIR DEVICE FINISH WILL VARY:
   * KITCHEN, STORAGE, RESTROOMS – WHITE
   * DINING ROOM, VESTIBULES – WHITE, BLACK OR PAINTABLE/PRIME COAT (COORDINATE FINAL COLOR WITH DECOR PLANS).
7. ADDITIONAL ACCESSORIES AND/OR ALTERNATE DIFFUSERS MAY BE REQUIRED. REFER TO DECOR DRAWINGS TO VERIFY.
8. ACCEPTABLE ALTERNATIVE MANUFACTURERS: NAILOR & METALAIRE.

AIR CURTAIN SCHEDULE

TAG	MANUFACTURER	MODEL	SERVES	AIRFLOW	ELEC	ACCESS.	NOTES
AC 1	POWERED AIRE	MP 1–30	CASH BOOTH	VARIABLE	MCA: 5.5 MOCP: 20 ⅕ HP	2–4	1,2
AC 2	POWERED AIRE	MP 1–30	PRESENTER'S BOOTH	VARIABLE	MCA: 5.5 MOCP: 20 ⅕ HP	2–4	1,2
AC 3	POWERED AIRE	RBT 1–48	STORAGE ENTRANCE	2,559 CFM	MCA: 10 MOCP: 20 ¾ HP	1–4	1,2
AC 4	POWERED AIRE	RBT 1–36	REAR ENTRANCE	2,541 CFM	MCA: 10 MOCP: 20 ¾ HP	1–4	1,2
AC 5	POWERED AIRE	MP 1–30	FORWARD PRESENTER'S BOOTH	VARIABLE	MCA: 5.5 MOCP: 20 ⅕ HP	2–4	1,2

ACCESSORIES:

1. NSF LISTING
2. DOOR SWITCH
3. DELAY TIMER
4. 120V/1ø/60Hz

NOTES:

1. SET DELAY TIMER TO 30 SECONDS
2. MAINTAIN 7" CLEARANCE FOR MOTOR ACCESS ON SIDE OF AIR CURTAIN.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

CONTROLS

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL
T	24V THERMOSTAT (ROOFTOP UNITS)	–	–
T	120V THERMOSTAT (COMPUTER CLOSET)	HONEYWELL	T651A3018
TS	REMOTE TEMPERATURE SENSOR	–	–
ATS	REMOTE AVERAGING TEMPERATURE SENSOR	–	–
HS	REMOTE HUMIDITY SENSOR	–	–
	BULK CO2 DETECTION SYSTEM	LOGICO2	–

NOTES:

1. FOR TSTAT, TS, HS AND ATS INFORMATION, REFER TO E4.1
2. TO ORDER HONEYWELL EQUIPMENT CALL (800)575–4841
3. SEE KITCHEN DRAWINGS FOR BULK CO2 DETECTION LOCATIONS

KITCHEN HOOD SCHEDULE

GENERAL					AIRFLOW		FILTERS	
TAG	SERVED BY	MANUFACTURER	MODEL	NOTES	CFM	CFM/LF	QTY/SIZE	FPM
KH 1	EXHAUST FAN (EF–1)	FRANKE / H&K	UH–122	1–4	1350	166	(5)10x20	263
KH 2	EXHAUST FAN (EF–2)	FRANKE / H&K	UH–50	1–4	575	173	(3)10x16	255
KH 3	EXHAUST FAN (EF–3)	FRANKE / H&K	UH–43	1–4	480	166	(2)10x20	255

NOTES:

1. HOODS SHALL BE PROVIDED BY THE KES (SEE COORDINATION SCHEDULE)
2. SEE HOOD DRAWINGS FOR CONSTRUCTION DETAILS AND UL INFORMATION
3. REFER TO E3.2 FOR HOOD/FAN INTERLOCK DETAILS
4. CAPTURE JET PLENUMS TO BE INSTALLED ON HOOD, REFER TO K2.1 KITCHEN SCHEDULE.

FAN SCHEDULE

GENERAL						DESIGN				ELECTRICAL				
TAG	MANUFACTURER	MODEL	SERVES	ACCESSORIES	NOTES	CFM	S.P.	BHP	FRPM	VOLTS	Ø	Hz	HP	FLA AMPS
EF 1	ACCUREX	XCUE–14010VG124MCD	KITCHEN HOOD (KH–1)	1–5,13,14	1,2,6	1350	1.75	0.61	1725	115 TO 10VDC ECM	1	60	1	11.5
EF 2	ACCUREX	XCUE–14010VG124MCD	KITCHEN HOOD (KH–2)	1–5,14	1,2,6	575	1.75	0.19	1725	115 TO 10VDC ECM	1	60	1	11.5
EF 3	ACCUREX	XCUE–14010VG124MCD	KITCHEN HOOD (KH–3)	1–5,13,14	1,2,6	480	1.75	0.19	1725	115 TO 10VDC ECM	1	60	1	11.5
EF 4	ACCUREX	XRED–099–VG4X–QD	DINING RESTROOMS	6–9,14	1,2,5	400	0.50	0.07	1126	115 TO 10VDC ECM	1	60	¼	2.5
EF 5	ACCUREX	XCR–A90	DINING ROOM JANITOR'S CLOSET	9–12	1–3,5	75	0.20	–	900	115	1	60	–	0.52
TF 1	ACCUREX	XCR–A125	COMPUTER CLOSET	9–12	1–4	100	0.20	–	1100	115	1	60	–	0.79

ACCESSORIES:

1. 2–POLE NEMA 3R DISCONNECT SWITCH FACTORY–WIRED AND MOUNTED TO FAN
2. UL 762 LISTED AND LABELED
3. ROOF CURB MODEL GPF–24–G30 WITH 1" INSULATION
4. CURB EXTENSION INTEGRAL TO MCD FAN PACKAGE
5. HINGED CURB CAP KIT WITH CABLES
6. 120VAC BACKDRAFT DAMPER
7. ROOF CURB MODEL GPI–19–G14 WITH 1" INSULATION AND DAMPER TRAY
8. NEMA 3R DISCONNECT SWITCH
9. EXTERNAL STEADY–STATE SPEED CONTROLLER
10. ROUND DUCT CONNECTOR
11. TWO (2) 10W COMPACT LED LAMPS
12. PRISMATIC LENS
13. WINDBAND EXTENSION ON FAN OUTLET
14. VARIGREEN 10VDC ELECTRONICALLY COMMUTATED MOTOR

NOTES:

1. NO SUBSTITUTIONS PERMITTED
2. TO ORDER ACCUREX EQUIPMENT CALL (888)325–6629 OR E–MAIL: MCD@ACCUREX.COM
3. ELECTRICAL CONTRACTOR SHALL PROVIDE DOOR SWITCH FOR LIGHT CONTROL
4. MECHANICAL CONTRACTOR SHALL FURNISH LINE VOLTAGE THERMOSTAT FOR FAN CONTROL. ELECTRICAL CONTRACTOR SHALL INSTALL THERMOSTAT.
5. CONNECT TO TIMECLOCK FOR FAN SHUT–OFF DURING UNOCCUPIED HOURS
6. REFER TO E3.2 FOR HOOD/FAN INTERLOCK DETAILS

PACKAGED ROOFTOP UNIT SCHEDULE - HEAT PUMP

TAG	AREA SERVED	NOMINAL TONNAGE	MINIMUM OA (CFM)	SUPPLY FAN: SUPPLY AIRFLOW (CFM)	SUPPLY FAN: EXT. S.P. (IN W.C.)	SUPPLY FAN: MHP	SUPPLY FAN: BHP	SUPPLY FAN: RPM	COOLING COIL (DX) ENTERING AIR DB °F	ENTERING AIR WB °F	LEAVING AIR DB °F	LEAVING AIR WB °F	COOLING CAPACITY (MBH) SENSIBLE	COOLING CAPACITY (MBH) TOTAL	AUXILIARY HEAT (ELECTRICAL RESISTANCE) INPUT (kW)	TOTAL CAPACITY OUTPUT	# OF STAGES	MINIMUM EFFICIENCY EER/IEER	WEIGHT (LBS.)*	UNIT POWER CONNECTION VOLT.	PHASE	MCA	MOCP	MANUFACTURER	MODEL NO.	ACCESSORIES
RTU-1	KITCHEN	20	1300	7200	1.4	3.0	2.9	1015	77.8	63.6	54.0	52.1	185.9	249.5	36	122,940	2	10.9/16.4	2941	208	3	202	225	TRANE	WHK240A3	1, 3, 4, 7, 9, 11, 12, 16, 17, 19, 20, 21
RTU-2	SUPPORT	4	400	1600	0.8	0.4	2.9	1055	83.4	65.5	49.0	47.0	39.3	55.5	12	40,970	1	13.6/16.8 SEER	1136	208	3	59	60	TRANE	WHK048A3	1, 3, 4, 7, 8, 9, 11, 12, 19, 20, 21
RTU-3	DINING ROOM	12.5	1330	4200	1.0	1.3	2.9	795	80.1	64.4	53.0	51.0	112.35	154.8	36	122,940	2	12.1/17.2	2463	208	3	172	175	TRANE	WHK150A3	1, 3, 4, 7, 8, 9, 11, 12, 17, 19, 20, 21

ACCESSORIES:

1. DIFF. ENTHALPY ECONOMIZER
2. MOTORIZED O.A. DAMPER
3. BAROMETRIC RELIEF
4. MERV 13 FILTER
5. POWER EXHAUST
6. CO2 SENSOR FOR DCV
7. HUMIDITY CONTROL
8. SUPPLY AIR TEMPERING
9. TEMPERATURE SENSOR
10. COMBINED TEMP/HUMIDITY SENSOR
11. DISCONNECT SWITCH
12. FIELD WIRED 120V CONVENIENCE OUTLET
13. STAINLESS STEEL HEAT EXCHANGER
14. CONDENSER COIL PROTECTIVE COATING
15. EVAPORATOR COIL PROTECTIVE COATING
16. HAIL GUARD
17. RETURN AIR SMOKE DETECTOR
18. SUPPLY AIR SMOKE DETECTOR
19. 14" ROOF CURB
20. CONDENSATE DRAIN W/ P-TRAP
21. FLOAT SWITCH KIT

* NET WEIGHT ONLY - DOES NOT INCLUDE ADDITIONAL FACTORY OR FIELD INSTALLED OPTIONS /

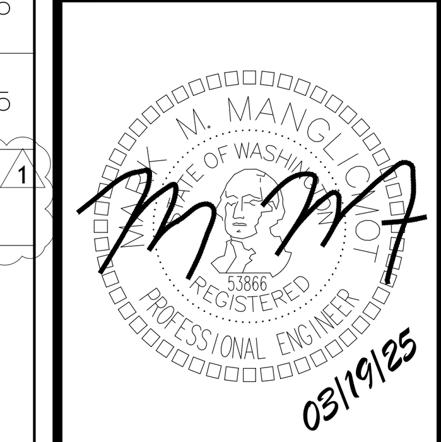
NOTES:

1. NO SUBSTITUTIONS PERMITTED. RTU'S SHALL UTILIZE R-454B REFRIGERANT.
2. TO ORDER TRANE EQUIPMENT, CALL (630) 400-4285 OR EMAIL: MCDONALDS@TRANE.COM
3. FACTORY INSTALLED DISCONNECT SWITCH IS NOT AVAILABLE WHEN MOCP IS 200 AMPS OR HIGHER. VERIFY WITH MANUFACTURER'S DOCUMENTATION PRIOR TO ORDERING.
4. MECHANICAL CONTRACTOR SHALL INSTALL SECONDARY ENTHALPY SENSOR IN RETURN AIR DUCT DROP & WIRE TO UNIT PER MAUFACTURERS INSTRUCTIONS.

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	MMM
1	03/20/25	PLAN CHECK COMMENTS	MMM

Professional of Record:
PM DESIGN
Architectural Solutions Group
19401 40TH AVE W
SUITE 420
LYNNWOOD, WA 98036
MARK MANGLICMOT, P.E.
PHONE: (425) 516-7882
EMAIL: MMANGLICMOT@PMDGINC.COM

PRCNC20241917



Seal

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY: MMM
STD ISSUE DATE: 12/10/24
REVIEWED BY: MMM
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID: 046–1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

046–1172.00.0

M4.1

SCHEDULES

MCD24092.0 – PUYALLUP, WA

Door Types

Door Type	U-Value	ASHRAE Type	Color	Description
Steel, Ins	0.3	2	Dark	Steel, insulated

Doors

Room Number	Area	Type	Facing Direction
BOH: SUPPORT	21 ft²	Steel, Ins	S
BOH: SUPPORT	28 ft²	Steel, Ins	E

Glass Types

Glass Type	U-Value	SHGC	Description
2021 IECC Min - Fixed	0.34	0.38	
2021 IECC Min - Glazed Door	0.6	0.38	
2021 IECC Min - Operable	0.36	0.38	

Glass

Room Number	Area	Type	Facing Direction	Shaded
DINING	50 ft²	2021 IECC Min - Fixed	W	
DINING	50 ft²	2021 IECC Min - Fixed	W	
DINING	50 ft²	2021 IECC Min - Fixed	W	
DINING	6 ft²	2021 IECC Min - Fixed	W	
DINING	21 ft²	2021 IECC Min - Glazed Door	W	
DINING	6 ft²	2021 IECC Min - Fixed	S	
DINING	21 ft²	2021 IECC Min - Glazed Door	S	
DINING	50 ft²	2021 IECC Min - Fixed	S	
DINING	50 ft²	2021 IECC Min - Fixed	S	
DINING	50 ft²	2021 IECC Min - Fixed	S	
DINING	50 ft²	2021 IECC Min - Fixed	S	
DINING	50 ft²	2021 IECC Min - Fixed	S	
DINING	50 ft²	2021 IECC Min - Fixed	S	
KITCHEN	20 ft²	2021 IECC Min - Operable	N	
KITCHEN	20 ft²	2021 IECC Min - Operable	N	
KITCHEN	20 ft²	2021 IECC Min - Operable	N	
Office	20 ft²	2021 IECC Min - Operable	N	

Room Information, Part 1

Values in italics have been changed from the default

Number	Name	Area	Ceiling Height	Ventilation Cooling		Ventilation Heating		Infiltration Cooling		Infiltration Heating		Cooling Temperature	Heating Temperature	Relative Humidity
BOH: SUPPORT	McD - BOH SUPPORT	637 ft²	*10'-6"*	*Direct*	*450 CFM*	Same as cooling	450 CFM	*0.25 AC / hour*	*28 CFM*	Same as cooling	28 CFM	75° F	70° F	50%
DINING	McD - DINING	1,210 ft²	*10'-0"*	*Direct*	*1,530 CFM*	Same as cooling	1,530 CFM	*0.25 AC / hour*	*51 CFM*	Same as cooling	51 CFM	75° F	70° F	50%

Room Information, Part 1

Values in italics have been changed from the default

Number	Name	Area	Ceiling Height	Ventilation Cooling		Ventilation Heating		Infiltration Cooling		Infiltration Heating		Cooling Temperature	Heating Temperature	Relative Humidity
KITCHEN	McD - KITCHEN	1,170 ft²	*8'-4"*	*Direct*	*1,650 CFM*	Same as cooling	1,650 CFM	*0.25 AC / hour*	*41 CFM*	Same as cooling	41 CFM	75° F	70° F	50%
Office	Office-Telephone/Data Entry	79 ft²	8'-0"	5 CFM / person 0.06 CFM / ft²	5 CFM 5 CFM	Same as cooling Same as cooling	5 CFM 5 CFM	0.25 AC / hour	3 CFM	Same as cooling	3 CFM	75° F	70° F	50%
Restrooms	Restrooms	309 ft²	8'-0"	*0 CFM / ft²*	*0 CFM*	Same as cooling	0 CFM	0.25 AC / hour	11 CFM	Same as cooling	11 CFM	75° F	70° F	50%

Room Information, Part 2

Values in italics have been changed from the default

Number	Lighting Load		Equipment Load Sensible		Equipment Load Latent	People	Sensible btuh / Person	Latent btuh / Person	Glass Zone Type
BOH: SUPPORT	*1.34 watts / ft²*	*2,910*	*4 watts / ft²*	8,700	*1,000*	*5 people*	*250*	*200*	B
DINING	*1.5 watts / ft²*	*6,190*		*34,100*	0	*60 people*	275	275	B
KITCHEN	*1.34 watts / ft²*	*5,330*		*137,000*	*1,000*	15 people	*250*	*200*	B
Office	1.3 watts / ft²	351	2 watts / ft²	540	0	*1 person*	250	200	C
Restrooms	0.6 watts / ft²	632	1 watts / ft²	1,050	0	0 people	250	200	C

Supply Air Requirements

Location	Current Supply CFM	Required Supply CFM	Cooling Peak	Cooling Supply Temperature	Cooling Sensible Load (btuh)	Cooling Supply CFM	Cooling OSA CFM	Cooling OSA %	Heating Temperature Difference	Heating Load (btuh)	Heating Supply CFM	Heating OSA CFM	Heating OSA %
Zone RTU-1	0	6,890	July 6:00 p.m.	55° F	150,000	6,890	1,650	24%	20° F dT	10,100	1,650	1,650	100%
Room KITCHEN	0	6,890	July 6:00 p.m.		150,000	6,890	1,650	24%		10,100	1,650	1,650	100%
Zone RTU-2	0	790	July 4:00 p.m.	55° F	17,200	790	460	58%	20° F dT	7,520	512	460	90%
Room BOH: SUPPORT	0	712	July 4:00 p.m.		15,500	712	450	63%		6,210	450	450	100%
Room Office	0	79	July 6:00 p.m.		1,740	79	10	13%		1,310	62	10	16%
Zone RTU-3	0	4,010	July 3:00 p.m.	55° F	87,200	4,010	1,530	38%	20° F dT	20,600	1,590	1,530	96%
Room DINING	0	3,900	July 3:00 p.m.		84,800	3,900	1,530	39%		19,400	1,530	1,530	100%
Room Restrooms	0	108	July 5:00 p.m.		2,360	108	0	0%		1,200	56	0	0%

Ventilation Schedule

Location	Room Type	Ventilation Requirements	Area (ft²)	People	Ventilation CFM	Supply CFM	Ventilation %
Zone RTU-1			1,170	15	1,650	6,880	24%
Room KITCHEN	McD - KITCHEN	Direct	1,170	15	1,650	6,890	24%
Zone RTU-2			716	6	460	786	59%
Room BOH: SUPPORT	McD - BOH SUPPORT	Direct	637	5	450	712	63%
Room Office	Office-Telephone/Data Entry	5 CFM / person 0.06 CFM / ft²	79	1	10	79	13%
Zone RTU-3			1,520	60	1,530	4,010	38%
Room DINING	McD - DINING	Direct	1,210	60	1,530	3,900	39%
Room Restrooms	Restrooms	0 CFM / ft²	309	0	0	108	0%

Cooling Load Details - System

(Btu/h / % Total)

(See "Cooling Load Details - Room" for lighting, equipment, and people loads)

Location	Peak		Roof		Wall		Glass		Ventilation Sensible		Ventilation Latent		Infiltration Sensible		Infiltration Latent	
Zone RTU-1	July	3:00 p.m.	1,680	1%	474	0%	1,120	1%	26,400	15%	-2,250	-1%	657	0%	-56	0%
Room KITCHEN	July	3:00 p.m.	1,680	1%	474	0%	1,120	1%	26,400	15%	-2,250	-1%	657	0%	-56	0%
Zone RTU-2	July	3:00 p.m.	1,030	4%	1,230	5%	346	1%	7,370	28%	-628	-2%	496	2%	-42	0%
Room BOH: SUPPORT	July	3:00 p.m.	921	4%	1,180	5%	0	0%	7,210	30%	-614	-3%	448	2%	-38	0%
Room Office	July	3:00 p.m.	114	6%	58	3%	346	17%	160	8%	-14	-1%	48	2%	-4	0%
Zone RTU-3	July	3:00 p.m.	2,190	2%	390	0%	25,100	20%	24,500	19%	-2,090	-2%	993	1%	-85	0%
Room DINING	July	3:00 p.m.	1,750	1%	390	0%	25,100	20%	24,500	20%	-2,090	-2%	817	1%	-70	0%
Room Restrooms	July	5:00 p.m.	521	22%	0	0%	0	0%	0	0%	0	0%	149	6%	-15	-1%

Cooling Load Details - Room

(Btu/h / % of Total)

Location	Peak	Roof		Wall		Glass		Lighting		Equipment Sensible		Equipment Latent		People Sensible		People Latent		Infiltration Sensible		Infiltration Latent	
Zone RTU-1	July 6:00 p.m.	1,970	1%	649	0%	1,070	1%	5,330	3%	137,000	89%	1,000	1%	3,750	2%	3,000	2%	445	0%	-56	0%
Room KITCHEN	July 6:00 p.m.	1,970	1%	649	0%	1,070	1%	5,330	3%	137,000	89%	1,000	1%	3,750	2%	3,000	2%	445	0%	-56	0%
Zone RTU-2	July 4:00 p.m.	1,150	6%	1,250	6%	329	2%	3,270	17%	9,240	48%	1,000	5%	1,500	8%	1,200	6%	474	2%	-42	0%
Room BOH: SUPPORT	July 4:00 p.m.	1,020	6%	1,190	7%	0	0%	2,910	17%	8,700	50%	1,000	6%	1,250	7%	1,000	6%	428	2%	-38	0%
Room Office	July 6:00 p.m.	133	7%	80	4%	349	18%	351	18%	540	28%	0	0%	250	13%	200	10%	33	2%	-4	0%
Zone RTU-3	July 3:00 p.m.	2,190	2%	390	0%	25,100	24%	6,820	7%	35,200	34%	0	0%	16,500	16%	16,500	16%	993	1%	-85	0%
Room DINING	July 3:00 p.m.	1,750	2%	390	0%	25,100	25%	6,190	6%	34,100	34%	0	0%	16,500	16%	16,500	16%	817	1%	-70	0%
Room Restrooms	July 5:00 p.m.	521	22%	0	0%	0	0%	632	27%	1,050	45%	0	0%	0	0%	0	0%	149	6%	-15	-1%

Heating Load Details - System and Room

(Btu/h / % of System Total)

Location	Roof		Wall		Glass		Slab		Ventilation		Infiltration	
Zone RTU-1	1,890	2%	2,100	2%	1,300	1%	2,150	2%	106,000	91%	2,630	2%
Room KITCHEN	1,890	2%	2,100	2%	1,300	1%	2,150	2%	106,000	91%	2,630	2%
Zone RTU-2	1,160	3%	2,360	6%	432	1%	1,590	4%	29,500	80%	1,990	5%
Room BOH: SUPPORT	1,030	3%	2,100	6%	0	0%	1,290	4%	28,800	82%	1,790	5%
Room Office	128	7%	260	13%	432	22%	302	15%	641	33%	192	10%
Zone RTU-3	2,460	2%	940	1%	10,900	9%	2,340	2%	98,000	83%	3,970	3%
Room DINING	1,960	2%	940	1%	10,900	9%	2,340	2%	98,000	83%	3,270	3%
Room Restrooms	500	42%	0	0%	0	0%	0	0%	0	0%	705	58%

Load Total Summary - System

(Includes Ventilation and Plenum Loads)

Location	Area	Cooling CFM	Peak	btuh Total	btuh Sensible	btuh Latent	Tons Total	Tons Sensible	Tons Latent	ft² / ton	CFM / ton	CFM / ft²	Heating CFM	Heating btuh	Heating kW	Heating CFM / ft²
Zone RTU-1	1,170 ft²	6,890	July 3:00 p.m.	178,000	176,000	1,690	14.8	14.7	0.1	78.7	465	5.91	1,650	116,000	33.9	1.42
Room KITCHEN	1,170 ft²	6,890	July 3:00 p.m.	178,000	176,000	1,690	14.8	14.7	0.1	78.7	465	5.91	1,650	116,000	33.9	1.42
Zone RTU-2	716 ft²	790	July 3:00 p.m.	26,000	24,500	1,530	2.2	2	0.1	330	364	1.1	512	37,000	10.8	0.72
Room BOH: SUPPORT	637 ft²	712	July 3:00 p.m.	24,000	22,600	1,350	2	1.9	0.1	319	357	1.12	450	35,000	10.3	0.71
Room Office	79 ft²	79	July 3:00 p.m.	2,050	1,870	182	0.2	0.2	0	463	463	1	62	1,950	0.6	0.78
Zone RTU-3	1,520 ft²	4,010	July 3:00 p.m.	126,000	112,000	14,300	10.5	9.3	1.2	145	382	2.64	1,590	119,000	34.8	1.05
Room DINING	1,210 ft²	3,900	July 3:00 p.m.	124,000	109,000	14,300	10.3	9.1	1.2	117	378	3.23	1,530	117,000	34.4	1.27
Room Restrooms	309 ft²	108	July 5:00 p.m.	2,360	2,360	-15	0.2	0.2	0	1,570	550	0.35	56	1,200	0.4	0.18

Load Total Summary - Room

(Excludes Ventilation and Plenum Loads)

Location	Area	Cooling CFM	Peak	btuh Total	btuh Sensible	btuh Latent	Tons Total	Tons Sensible	Tons Latent	ft² / ton	CFM / ton	CFM / ft²	Heating CFM	Heating btuh	Heating kW	Heating CFM / ft²
Zone RTU-1	1,170 ft²	6,890	July 6:00 p.m.	154,000	150,000	3,940	12.8	12.5	0.3	91	538	5.91	1,650	10,100	3	1.42
Room KITCHEN	1,170 ft²	6,890	July 6:00 p.m.	154,000	150,000	3,940	12.8	12.5	0.3	91	538	5.91	1,650	10,100	3	1.42
Zone RTU-2	716 ft²	790	July 4:00 p.m.	19,400	17,200	2,160	1.6	1.4	0.2	444	489	1.1	512	7,520	2.2	0.72
Room BOH: SUPPORT	637 ft²	712	July 4:00 p.m.	17,500	15,500	1,960	1.5	1.3	0.2	438	489	1.12	450	6,210	1.8	0.71
Room Office	79 ft²	79	July 6:00 p.m.	1,930	1,740	196	0.2	0.1	0	491	491	1	62	1,310	0.4	0.78
Zone RTU-3	1,520 ft²	4,010	July 3:00 p.m.	104,000	87,200	16,400	8.6	7.3	1.4	176	464	2.64	1,590	20,600	6.1	1.05

Load Total Summary - Room

(Excludes Ventilation and Plenum Loads)

Location	Area	Cooling CFM	Peak	btuh Total	btuh Sensible	btuh Latent	Tons Total	Tons Sensible	Tons Latent	ft² / ton	CFM / ton	CFM / ft²	Heating CFM	Heating btuh	Heating kW	Heating CFM / ft²
Room DINING	1,210 ft²	3,900	July 3:00 p.m.	101,000	84,800	16,400	8.4	7.1	1.4	143	462	3.23	1,530	19,400	5.7	1.27
Room Restrooms	309 ft²	108	July 5:00 p.m.	2,340	2,360	-15	0.2	0.2	0	1,580	554	0.35	56	1,200	0.4	0.18

Psychrometrics - Zone RTU-1

Calculation Month: July — Calculation Hour: 4:00 p.m.

	Airflow (CFM)	Dry Bulb Temperature	Wet Bulb Temperature	Humidity Ratio (lbs of moisture / lb of dry air)	Loads Total	Loads Sensible	Loads Latent
Outside Air	1,650	90° F	66.97° F	.00910	24,200	26,400	-2,250
Return Air at Diffusers	5,240	75° F	62.4° F	.00938			
Return Duct Leakage	(0%) 0						
Return Duct Temperature Gain		+0° F			0	0	0
Return Air at Aparatus	5,240	75° F	62.4° F	.00938			
Mixed Air	6,890	78.59° F	63.55° F	.00931			
Coil Dew Point	5,850	49.67° F	49.67° F	.00766			
Coil Bypass Air	(15%) 1,030	78.59° F	63.55° F	.00931			
Coil Leaving Air	6,890	54.01° F	51.9° F	.00790			
System Load					169,000	168,000	1,690
Reheat		+0° F					
Humidification				.00136			
Fan (Draw Through, 2 HP)		+0.69° F			5,090	5,090	0
Motor (In Airstream, 70% Efficient)		+0.3° F			2,180	2,180	0
Supply Duct Leakage	(0%) 0						
Supply Duct Temperature Gain		+0° F			0	0	0
Supply Air at Diffusers	6,890	55° F	55° F	.00926			
Room Load				.00012	154,000	150,000	3,940
Final Room Conditions		75° F	62.4° F	.00938			

Psychrometrics - Zone RTU-2

Calculation Month: July — Calculation Hour: 4:00 p.m.

	Airflow (CFM)	Dry Bulb Temperature	Wet Bulb Temperature	Humidity Ratio (lbs of moisture / lb of dry air)	Loads Total	Loads Sensible	Loads Latent
Outside Air	460	90° F	66.97° F	.00910	6,740	7,370	-628
Return Air at Diffusers	330	75° F	62.4° F	.00938			
Return Duct Leakage	(0%) 0						
Return Duct Temperature Gain		+0° F			0	0	0
Return Air at Aparatus	330	75° F	62.4° F	.00938			
Mixed Air	790	83.73° F	65.09° F	.00922			
Coil Dew Point	672	39.78° F	39.78° F	.00523			
Coil Bypass Air	(15%) 119	83.73° F	65.09° F	.00922			

Psychrometrics - Zone RTU-2

Coil Leaving Air	790	46.37° F	44.56° F	.00583			
System Load					25,800	24,200	1,530
Reheat		+0° F					
Humidification				.00298			
Fan (Draw Through, 2 HP)		+6.04° F			5,090	5,090	0
Motor (In Airstream, 70% Efficient)		+2.59° F			2,180	2,180	0
Supply Duct Leakage	(0%) 0						
Supply Duct Temperature Gain		+0° F			0	0	0
Supply Air at Diffusers	790	55° F	54.14° F	.00881			
Room Load				.00057	19,400	17,200	2,160
Final Room Conditions		75° F	62.4° F	.00938			

Psychrometrics - Zone RTU-3

Calculation Month: July — Calculation Hour: 4:00 p.m.

	Airflow (CFM)	Dry Bulb Temperature	Wet Bulb Temperature	Humidity Ratio (lbs of moisture / lb of dry air)	Loads Total	Loads Sensible	Loads Latent
Outside Air	1,530	90° F	66.97° F	.00910	22,400	24,500	-2,090
Return Air at Diffusers	2,480	75° F	62.4° F	.00938			
Return Duct Leakage	(0%) 0						
Return Duct Temperature Gain		+0° F			0	0	0
Return Air at Aparatus	2,480	75° F	62.4° F	.00938			
Mixed Air	4,010	80.73° F	64.33° F	.00927			
Coil Dew Point	3,410	48.46° F	48.46° F	.00731			
Coil Bypass Air	(15%) 601	80.73° F	64.33° F	.00927			
Coil Leaving Air	4,010	53.3° F	51.22° F	.00761			
System Load					126,000	112,000	14,300
Reheat		+0° F					
Humidification				.00092			
Fan (Draw Through, 2 HP)		+1.19° F			5,090	5,090	0
Motor (In Airstream, 70% Efficient)		+0.51° F			2,180	2,180	0
Supply Duct Leakage	(0%) 0						
Supply Duct Temperature Gain		+0° F			0	0	0
Supply Air at Diffusers	4,010	55° F	53.71° F	.00853			
Room Load				.00086	104,000	87,200	16,400
Final Room Conditions		75° F	62.4° F	.00938			

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	MMM
1	03/20/25	PLAN CHECK COMMENTS	MMM

Professional of Record:

PM DESIGN
Architectural Solutions Group
19401 40TH AVE W
SUITE 420
LYNNWOOD, WA 98036
MARK MANGLICMOT, P.E.
PHONE: (425) 516-7882
EMAIL: MMANGLICMOT@PMDGINC.COM

PRCNC20241917

M. MANGLICMOT — STATE OF WASHINGTON — 53866 — REGISTERED PROFESSIONAL ENGINEER
03/19/25

Seal

PREPARED FOR:

McDonald's USA, LLC

DRAWN BY	MMM
STD ISSUE DATE	12/10/24
REVIEWED BY	MMM
DATE ISSUED	03/20/25

TITLE
2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

DESCRIPTION
2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID: 046-1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

046-1172.00.0

M5.0

HVAC LOAD CALCS

MCD24092.0 – PUYALLUP, WA

ENVELOPE COMPLIANCE SUMMARY

2021 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1

Project & Applicant Information	Project Title	McDonald's (46-1172) - 2021 WSEC	For Building Department Use:	Date: Dec 11, 2024
	Project Address	2902 E. Pioneer Puyallup, WA 98372		
	Applicant Name	Eric Miller		
	Applicant Phone	425-409-2879		
	Applicant Email	emiller@pmdginc.com		

For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

General Occupancy	All Commercial	General Building Use Type(s)	Dining, Fast Food	Building Cond. Floor Area	3,694
Project Scope	New Building	Space Conditioning Categories	Fully Conditioned	Project Cond. Floor Area	3,694
				Floors Above Grade	1
				Compliance Method	General Prescriptive
Envelope Project Description	New Build Fast Food Restaurant on vacant lot				

Envelope Compliance Scope and Method	Scope	Space Conditioning Category	Compliance Method	WWR/SRR per Category	UA Calculation Adjustment	Fenestration Alternates	Compliance Verification
	New Building	Fully Conditioned	Prescriptive	16.35% / 0%	None selected	No alternates selected	COMPLIES

Additional Energy Efficiency (AEC) Measures Included	No envelope or miscellaneous additional energy efficiency measures included in project	Load Management (LDM) Measures Included	Building thermal mass
Air Barrier Testing	Standard building thermal envelope test	Air Barrier Comments	

Project Title	McDonald's (46-1172) - 2021 WSEC			Date	Dec 11, 2024
Scope & Space Conditioning	NEW BUILDING - FULLY CONDITIONED			Compliance Verification	COMPLIES
Window-to-wall Ratio	16.35%	Skylight-to-roof-ratio	0%	Vertical Fenestration Alternate	No alternates selected

Opaque Envelope Assemblies

				Insulation R-Values				
Roof/Ceiling	Location in Documents	Assembly ID	Assembly Location	Cavity	Continuous (% penetration)	2nd Layer (MB Roof)	U-Factor	Net Area (SF)
Insulation entirely above deck	A1.3	Roof	Exterior		R-38 (< 0.04%)		U-0.027	3,694
	Sloped Roof & Tapered Insulation: Not sloped			U-Factor Source: WSEC Appendix A Default				
	U-Factor Source Description:							
Walls	Location in Documents	Assembly ID	Assembly Location	Cavity	Continuous (% penetration)	Insulated Wall Furring	U-Factor	Net Area (SF)
Wood-framed and other - Commercial	A5.0-A5.3	Exterior Wall Assembly	Exterior	R-21	R-4 (< 0.04%)		U-0.051	3,072
	Which code target does wall comply with?: Wall Assembly U-factor			U-Factor Source: WSEC Appendix A Default				
	U-Factor Source Description:			Wall Framing Type: Standard				
	Framing Depth: 2x6			Other Framing Depth:				
	Framing Spacing (OC): 16"							
Slab-on-grade Floors	Location in Documents	Assembly ID	Assembly Location	Slab Edge	Under Slab		F-Factor	Perimeter Length (SF)
Unheated slab	A5.0-A5.3	Foundation	At grade level	R-10			F-0.54	256
	Slab Insulation Method: 2 ft vertical (from top of slab downward)			F-Factor Source: WSEC Appendix A Default				
	F-Factor Source Description: F-0.54							

Fenestration & Opaque Door Assemblies

				Insulation R-Values				
Opaque Doors	Location in Documents	Assembly ID	Assembly Location	Door Insulation			U-Factor	Rough Opening (SF)
Swinging	A2.0	D	Exterior				U-0.37	28
	What percentage of this opaque door is glazing?: 50% or less			U-Factor Source: WSEC Appendix A Default				
	U-Factor Source Description:			Is this a public entrance door?: No				
Vertical Fenestration	Location in Documents	Assembly ID	Assembly Location		Shading (PF)	Fenestration SHGC	Fenestration U-Factor	Rough Opening (SF)
Fixed - Class AW or site built	A2.0	W1	Exterior		PF < 0.2	SHGC-0.38	U-0.34	138
	U-Factor & SHGC Source: NFRC Rating			U-Factor Source Description:				
Fixed - Class AW or site built	A5.0	W1	Exterior		PF < 0.2	SHGC-0.38	U-0.34	244
	U-Factor & SHGC Source: NFRC Rating			U-Factor Source Description:				
Fixed - Class AW or site built	A5.0	W1	Exterior		PF < 0.2	SHGC-0.38	U-0.034	49
	U-Factor & SHGC Source: NFRC Rating			U-Factor Source Description:				
Fixed - Class AW or site built	A5.0	W1	Exterior		PF < 0.2	SHGC-0.38	U-0.034	46
	U-Factor & SHGC Source: NFRC Rating			U-Factor Source Description:				
Fixed - Class AW or site built	A5.0	W1	Exterior		PF < 0.2	SHGC-0.38	U-0.34	11
	U-Factor & SHGC Source:			U-Factor Source Description:				
Operable - Class AW or site built	A5.0	W2	Exterior		PF < 0.2	SHGC-0.33	U-0.36	20
	U-Factor & SHGC Source: NFRC Rating			U-Factor Source Description:				
Operable - Class AW or site built	A5.0	W2	Exterior		PF < 0.2	SHGC-0.33	U-0.36	20
	U-Factor & SHGC Source: NFRC Rating			U-Factor Source Description:				
Operable - Class AW or site built	A5.0	W2	Exterior		PF < 0.2	SHGC-0.33	U-0.36	20
	U-Factor & SHGC Source: NFRC Rating			U-Factor Source Description:				
Glazed Doors	Location in Documents	Assembly ID	Assembly Location		Shading (PF)	Fenestration SHGC	Fenestration U-Factor	Rough Opening (SF)
Swinging entrance door	A5.0	W1	Exterior		PF < 0.2	SHGC-0.33	U-0.60	29
	U-Factor & SHGC Source: NFRC Rating			U-Factor Source Description:				
	Is this a public entrance door?: Yes			Door enclosed within a vestibule?: Yes				
Swinging entrance door	A5.0	W1	Exterior		PF < 0.2	SHGC-0.33	U-0.60	29
	U-Factor & SHGC Source: NFRC Rating			U-Factor Source Description:				
	Is this a public entrance door?: Yes			Door enclosed within a vestibule?: Yes				

MECHANICAL COMPLIANCE SUMMARY

2021 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1

Project & Applicant Information	Project Title	McDonald's (46-1172) - 2021 WSEC	For Building Department Use:	Date: Dec 11, 2024
	Project Address	2902 E. Pioneer Puyallup, WA 98372		
	Applicant Name	Eric Miller		
	Applicant Phone	425-409-2879		
	Applicant Email	emiller@pmdginc.com		

For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

General Occupancy	All Commercial	General Building Use Type		Dining, Fast Food		Building Cond. Floor Area	3,694
General Project Types	New Building	New Building or Addition Mechanical Scope	Single Zone Systems & Equipment	Alteration Mechanical Scope		Project Cond. Floor Area	3,694
						Floors Above Grade	1
						Compliance Method	General Prescriptive
Mechanical Project Description	New McDonald's Fast Food Restaurant built on vacant lot.						

Mechanical Compliance Scope and Method	Project Type	Mechanical Scope	Economizer Exception(s) Applied?	DOAS Ventilation Provided?	Higher Equipment Efficiency Option Applied?	Equipment Efficiency Compliance Verification
	New Building	Single Zone Systems & Equipment	Yes	No	NA	COMPLIES

Additional Energy Efficiency (AEC) Measures Included	HVAC cooling equipment - 5% better than code efficiency & improved fan efficiency	Load Management (LDM) Measures Included	No mechanical load management measures included in project
Additional Efficiency Credits Included (AEC)			
Does building include occupancy classifications requiring DOAS?	No	Does project include DOAS equipment?	No
Based on project scope do TSPR requirements apply?	No	Do all systems comply with Appendix D standard reference design or qualify for an exception to TSPR?	No

Scope & Space Conditioning	NEW BUILDING - SINGLE ZONE SYSTEMS & EQUIPMENT	Compliance Verification	COMPLIES

Single Zone Air Systems Category - Heat pump, split & single package, SC, SDHV

Air Systems Summary Information

System/Equip ID	Quantity of Items	Supply Airflow Control	Ventilation Standard	Ventilation CFM (Total if Multiple Items)	Ventilation Air Source	Paired with DOAS	Ventilation energy recovery	Energy Recovery Efficiency (%)
RTU-1		Constant volume	ASHRAE Standard 62.1	1,850	Integral		Not provided, not required	
RTU-2		Constant volume	ASHRAE Standard 62.1	450	Integral		Not provided, not required	
RTU-3		Constant volume	ASHRAE Standard 62.1	1,330	Integral		Not provided, not required	

Air Systems & Equipment - Cooling

System/ Equip ID	Cooling System/Equip Type	Specific Type	Cooling Capacity per item (Btu/h)	Econo Full Load Multiplier (Full/IPLV)	Required Cooling Efficiency (Code Min & Econo)	Proposed Cooling Efficiency	CE Units	Efficiency Compliance Verification
RTU-1	Heat pump, air cooled	Single package	249,500	0	9.5	19.4	EER	COMPLIES
RTU-2	Heat pump, air cooled	Single package	55,500	0	13.4	13.6	SEER2	COMPLIES
RTU-3	Heat pump, air cooled	Single package	154,800	0	10.6	13.6	EER	COMPLIES

Air Systems & Equipment - Heating

System /Equip ID	Heating System/Equip Type	Specific Type	Heat Pump Heating Capacity (Btu/h)	Cooling Capacity (Btu/h)	AEC Efficiency Multiplier	Proposed Heat Pump Heating Efficiency	HPH Units	Proposed Low OSA Temp Efficiency	LTH Units	Efficiency Compliance Verification
RTU-1	Heat pump, air cooled, heating	Single package	122,940	249,500	1	3.6	COP	2.2	COP	COMPLIES
RTU-2	Heat pump, air cooled, heating	Single package	40,970	55,500	1	6.7	HSPF2		COP	COMPLIES
RTU-3	Heat pump, air cooled, heating	Single package	122,940	154,800	1	3.6	COP	2.2	COP	COMPLIES

Air Systems & Equipment Details

System/Equip ID	Discrete Area(s) Served	Location In Project Documents - Plan/Detail #	System/Equip Compliance Path
RTU-1	Kitchen	M1.0, M1.1, M2, M3	General Prescriptive
	System/Equip ID for a single or multiple items?: Single item		
	Heating Section/Auxiliary Heating Type: Electric resistance (or None)		Economizer Compliance Method: Air-side economizer provided
	WSEC Equip Efficiency Reference Table - Cooling: Table C403.3.2(2) Unitary Heat Pumps		
	Proposed Low OSA Temp Efficiency: 2.2		LTH Units: COP
	WSEC Equip Efficiency Reference Table - Heating: Table C403.3.2(2) - Unitary Heat Pumps		
RTU-2	Support	M1.0, M1.1, M2, M3	General Prescriptive
	System/Equip ID for a single or multiple items?: Single item		
	Heating Section/Auxiliary Heating Type: Electric resistance (or None)		Economizer Compliance Method: Air-side economizer provided
	WSEC Equip Efficiency Reference Table - Cooling: Table C403.3.2(2) Unitary Heat Pumps		
	Proposed Low OSA Temp Efficiency:		LTH Units: COP
	WSEC Equip Efficiency Reference Table - Heating: Table C403.3.2(2) - Unitary Heat Pumps		
RTU-3	Dining Room	M1.0, M1.1, M2, M3	General Prescriptive
	System/Equip ID for a single or multiple items?: Single item		
	Heating Section/Auxiliary Heating Type: Electric resistance (or None)		Economizer Compliance Method: Air-side economizer provided
	WSEC Equip Efficiency Reference Table - Cooling: Table C403.3.2(2) Unitary Heat Pumps		
	Proposed Low OSA Temp Efficiency: 2.2		LTH Units: COP
	WSEC Equip Efficiency Reference Table - Heating: Table C403.3.2(2) - Unitary Heat Pumps		

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1	03/20/25	PLAN CHECK COMMENTS	MMM

Professional of Record:
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PRCNC20241917

Seal: MARK M. MANGLICMOT, STATE OF WASHINGTON, 53866, REGISTERED PROFESSIONAL ENGINEER, 03/19/25

PREPARED FOR: McDonald's USA, LLC

DRAWN BY: MMM | STD ISSUE DATE: 12/10/24 | REVIEWED BY: MMM | DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING – BB20 3898 – PUYALLUP, WA

DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS, WOOD ROOF TRUSS FRAMING, STUCCO/BATTEN/FIBER CEMENT LAP SIDING

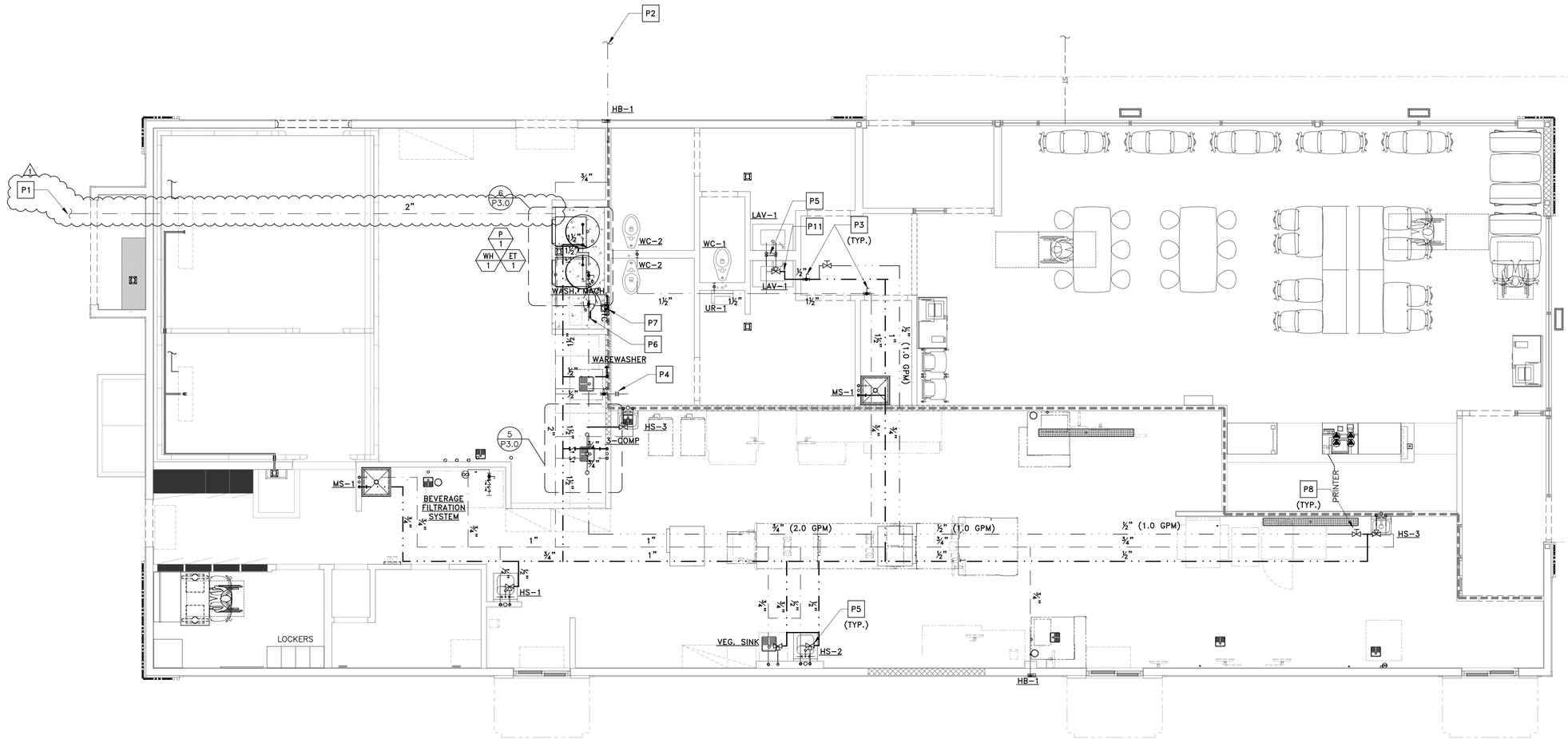
SITE ID: 046-1180 | SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

046-1172.00.0

M5.1

ENERGY COMPLIANCE

MCD24092.0 – PUYALLUP, WA



1 P1.0 DOMESTIC WATER PIPING

SCALE: 1/4" = 1'-0"

DRAWING NOTES

1. PIPING ROUTES AS SHOWN ARE GENERAL AND MAY VARY DUE TO FIELD CONDITIONS. COORDINATE ALL PIPE ROUTES WITH OTHER TRADES. MAKE SURE HOT WATER MAIN LOOP REMAINS WITHIN 10 FT OF FIXTURE FOR ENERGY CODE PURPOSE.
2. ALL WATER DISTRIBUTION PIPING SHALL BE INSULATED. INSULATION NOT SHOWN FOR CLARITY. SEE PLUMBING NOTES FOR INSULATION REQUIREMENTS, SHEET M4.0, "DOMESTIC SUPPLY SYSTEMS", NOTE 18.
3. FIXTURES SHALL BE SET LEVEL AND IN PROPER ALIGNMENT WITH REFERENCE TO ADJACENT WALLS. NO WATER CLOSET OR BIDET SHALL BE SET CLOSER THAN 15 INCHES FROM ITS CENTER TO A SIDE WALL OR OBSTRUCTION, OR CLOSER THAN 30 INCHES CENTER TO CENTER TO A SIMILAR FIXTURE. THE CLEAR SPACE IN FRONT OF A WATER CLOSET, LAVATORY, OR BIDET SHALL BE NOT LESS THAN 24 INCHES. NO URINAL SHALL BE SET CLOSER THAN 12 INCHES FROM ITS CENTER TO A SIDE WALL OR PARTITION OR CLOSER THAN 24 INCHES CENTER TO CENTER. (1)
4. WATER HAMMER ARRESTERS SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO QUICK-ACTING VALVES OR, WHERE LISTED MECHANICAL DEVICES ARE USED, FOLLOW THE MANUFACTURER'S SPECIFICATIONS AS TO LOCATION AND METHOD OF INSTALLATION.

Water Hammer Arresters shall be installed as close as possible to quick-acting valves or, where listed mechanical devices are used, follow the manufacturer's specifications as to location and method of installation.

KEYED NOTES

- P1 INCOMING UNDERGROUND WATER SERVICE (SEE SITE PLAN FOR CONTINUATION). WATER PIPING FROM THIS POINT TO CEILING PENETRATION INSIDE BUILDING SHALL BE COPPER.
- P2 COLD WATER UNDERGROUND TO YARD HYDRANT (HB-2) IN TRASH CORRAL. SEE SITE PLAN FOR CONTINUATION.
- P3 SHUT-OFF VALVE FOR RESTROOM ISOLATION. SEE VALVE SCHEDULE. ALL SHUT-OFF VALVES SHALL BE LOCATED OVER SUSPENDED CEILINGS FOR ACCESSIBILITY. DO NOT LOCATE IN AREAS WITH DRYWALL CEILINGS.
- P4 ¾" COLD WATER UP TO ROOF HYDRANT.
- P5 FOR MIXING VALVE LOCATIONS AND INSTALLATION DETAILS ON PUBLIC LAVATORIES, SEE DETAIL 3 ON DRAWING P3.0. FOR PRIVATE HAND SINKS OR LAVS, MIXING VALVES FOR INFORMATIONAL PURPOSES.
- P6 PIPE-MOUNTED AQUASTAT TO SHUT PUMP DOWN WHEN RECIRULATION TEMPERATURE REACHES 140°F. SEE DETAIL 6 ON DRAWING P3.0.
- P7 TIME CLOCK TO SHUT PUMP AND WATER HEATER DOWN DURING UNOCCUPIED HOURS. SEE ELECTRICAL DRAWINGS FOR WIRING DETAIL.
- P8 BALANCING VALVE FOR RECIRCULATION SYSTEM. SEE VALVE SCHEDULE. ALL BALANCING VALVES SHALL BE LOCATED OVER SUSPENDED CEILINGS FOR ACCESSIBILITY. DO NOT LOCATE IN AREAS WITH DRYWALL CEILINGS.
- P9 WATER PIPING AFTER CEILING PENETRATION CAN TRANSITION TO CPVC WHERE PERMITTED BY CODE.
- P10 PROPERLY SEAL ALL PIPE PENETRATIONS THROUGH DRAFT STOP WALL (TYP.)
- P11 HOT WATER RECIRCULATION SHALL CONNECT WITHIN 6" OF SUPPLY STUB OUT TO FIXTURE.
- P12 UTILITIES SHALL NOT BE ROUTED ABOVE THE TECH. CLOSET AND THE SWITCHGEAR.

City of Puyallup
Development & Permitting Services
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Building | Planning | Engineering | Public Works | Fire | Traffic

HOT OR COLD WATER SUPPLY

PDI SIZE "A"

INSTALL PER PDI STANDARDS AND MANUFACTURER'S INSTRUCTIONS

SINGLE FIXTURE

PDI SIZE	PIPE SIZE	FIXTURE UNIT LOAD
A	1/2"	1-11
B	3/4"	12-32

IF HORIZONTAL BRANCH IS LESS THAN 20' LONG, PROVIDE ONE WHA AT END OF LINE. PROVIDE ANOTHER WHA IN MIDDLE, EACH SIZED FOR HALF THE FIXTURE UNITS

MULTIPLE FIXTURES

FIXTURE	COLD	HOT
VALVE WATER CLOSET	10	--
TANK WATER CLOSET	5	--
URINAL	5	--
LAVATORY/SINK	1.5	1.5
JANITOR'S SINK	3	3
HOSE BIBB	2	--
SODA FACTORY	10	--
WAREWASHER	4	--

PC TO PROVIDE WATER HAMMER ARRESTERS BY SIOUX CHIEF, PRECISION PLUMBING PRODUCTS, WATTS OR APPROVED EQUIVALENT WITH PISTON AND O-RING CONSTRUCTION, HAVING PDI #WH-201, ASSE #1010 AND ANSI #A112.26.1M CERTIFICATION. INSTALL IN HORIZONTAL OR VERTICAL POSITION, BUT NEVER UPSIDE DOWN. INSTALL IN LINE WITH WATER FLOW DIRECTION IF POSSIBLE. SIZE THE UNITS AS SHOWN ON THE DRAWINGS AND/OR PER THE TABLES SHOWN ABOVE.

DETAIL 2 / P1.0
WATER-HAMMER ARRESTER (TYP.)
NOT TO SCALE

FIXTURE COUNT - IPC

NO.	FIXTURE DESCRIPTION	SUPPLY WSFU	SUPPLY CONNECTIONS COLD	HOT	TOTAL
1	VEGETABLE PREP SINK	4	¾"	–	4
4	HAND SINK	1	½"	½"	4
3	HOSE BIBB	3	¾"	–	9
1	SODA FACTORY	10	1"	–	10
1	KITCHEN SINK (3-COMP)	4	¾"	¾"	4
2	MOP SINK	2	¾"	¾"	4
2	LAVATORY	1	½"	½"	2
1	URINAL	5	1"	–	5
3	WATER CLOSET	5	1 ½"	–	15
1	WASHING MACHINE	4	¾"	¾"	4
1	WAREWASHER	4	*(½)	½"	4
(*) CW FOR VAPOR VENT			TOTAL:		65

(55 GPM)

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Professional of Record:

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PRCNC20241917

Seal

PREPARED FOR: McDonald's USA, LLC

DRAWN BY MMM | STD. ISSUE DATE 12/10/24
REVIEWED BY MMM | DATE ISSUED 03/20/25

TITLE: 2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA

DESCRIPTION: 2024 STANDARD BUILDING - WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID: 046-1180 | SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

046-1172.00.0

P1.0
DOMESTIC WATER PIPING

MCD24092.0 - PUYALLUP, WA

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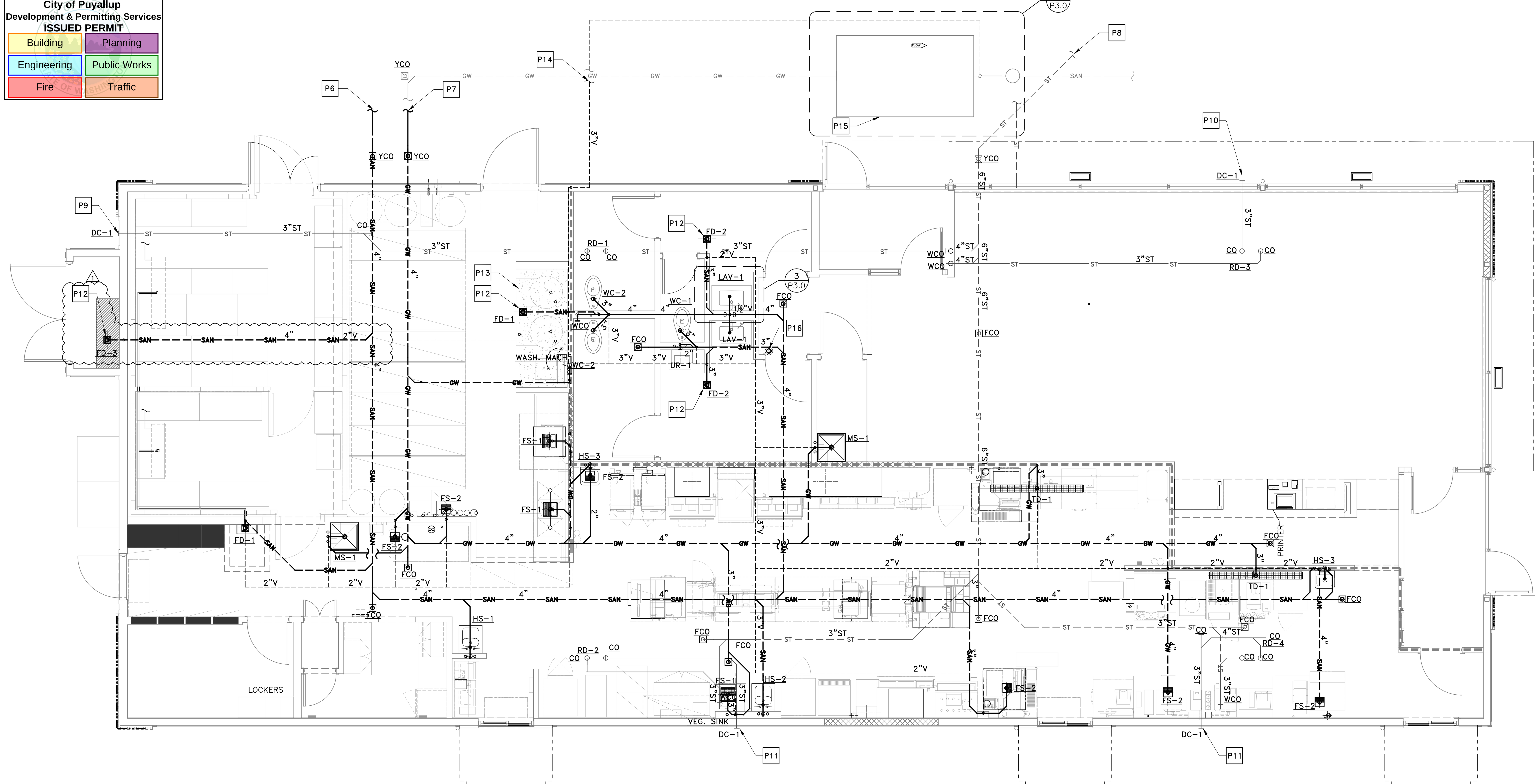

1 / P1.2 WASTE, VENT & STORM PIPING
SCALE: 1/4" = 1'-0"

DRAWING NOTES

1. PIPING ROUTES ARE GENERAL AND MAY VARY DUE TO FIELD CONDITIONS. COORDINATE ALL PIPE ROUTES WITH OTHER TRADES.
2. WALL CLEAN-OUTS FOR WASTE PIPING NOT SHOWN FOR CLARITY. SEE GENERAL NOTES FOR REQUIREMENTS.
3. ONLY MAIN FLOOR CLEAN-OUTS ARE SHOWN FOR CLARITY. SEE GENERAL NOTES FOR REQUIREMENTS.
4. ALL HORIZONTAL STORM DRAINAGE PIPING SHALL BE INSULATED TO PREVENT CONDENSATION. INSULATION NOT SHOWN FOR CLARITY. SEE PLUMBING NOTES FOR INSULATION REQUIREMENTS.
5. PER WASHINGTON STATE PLUMBING CODE SECTION 901.2, EACH PLUMBING FIXTURE TRAP, EXCEPT AS OTHERWISE PROVIDED IN THIS CODE, SHALL BE PROTECTED AGAINST SIPHONAGE AND BACKPRESSURE, AND AIR CIRCULATION SHALL BE ENSURED THROUGHOUT ALL PARTS OF THE DRAINAGE SYSTEMS BY MEANS OF VENT PIPES INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THIS CHAPTER AND AS OTHERWISE REQUIRED BY THIS CODE.
6. PER WASHINGTON STATE PLUMBING CODE SECTION 402.1, PLUMBING FIXTURES SHALL BE INSTALLED IN A MANNER TO AFFORD EASY ACCESS FOR REPAIRS AND CLEANING. PIPES FROM FIXTURES SHALL BE RUN TO THE NEAREST WALL.
7. PER WASHINGTON STATE PLUMBING CODE SECTION 402.2, WHERE A FIXTURE COMES IN CONTACT WITH THE WALL OR FLOOR, THE JOINT BETWEEN THE FIXTURE AND THE WALL OR FLOOR SHALL BE MADE WATERTIGHT.

[2021 Uniform Plumbing Code, section 901.2]

Vents Required.

Each plumbing fixture trap, except as otherwise provided in this code, shall be protected against siphonage and backpressure, and air circulation shall be ensured throughout all parts of the drainage systems by means of vent pipes installed in accordance with the requirements of this chapter and as otherwise required by this code.

KEYED NOTES

- P6 SANITARY LINE TO SANITARY SEWER. SEE CIVIL SITE PLAN CU-01 (PERMIT PRCCP20241846) SITE PLAN FOR CONTINUATION.
- P7 GREASE LINE TO EXTERIOR GREASE INTERCEPTOR. SEE CIVIL SITE PLAN CU-01 (PERMIT PRCCP20241846) FOR CONTINUATION
- P8 STORM LINE TO STORM SYSTEM. SEE SITE PLAN FOR CONTINUATION.
- P9 TERMINATE OVERFLOW DRAIN AS HIGH AS POSSIBLE WITH DOWNSPOUT COVER.
- P10 TERMINATE OVERFLOW DRAIN ABOVE TRELLIS WITH DOWNSPOUT COVER. BOTTOM OF DOWNSPOUT OUTLET PIPE SHALL BE AT LEAST 3" BUT NOT MORE THAN 8" ABOVE TOP OF TRELLIS.
- P11 TERMINATE BOTTOM OF OVERFLOW DRAIN A MINIMUM OF 12" ABOVE GRADE WITH DOWNSPOUT COVER.
- P12 PROVIDE PROSET TRAP GUARD® OR TRAP PRIMER FOR FLOOR DRAIN.
- P13 TOP OF CONCRETE SLAB IS 0'-6" A.F.F.
- P14 VENT FROM GREASE INTERCEPTOR. SEE SITE PLAN FOR CONTINUATION. COORDINATE PIPE ROUTING WITH LOCATION OF GREASE INTERCEPTOR.
- P15 GREASE INTERCEPTOR LOCATION SHOWN FOR REFERENCE ONLY. COORDINATE GREASE INTERCEPTOR LOCATION WITH CIVIL ENGINEER AND SITE CONTRACTOR.
- P16 4"x5" VENT THROUGH ROOF

[2021 Uniform Plumbing Code, section 402.1]

Cleaning.

Plumbing fixtures shall be installed in a manner to afford easy access for repairs and cleaning. Pipes from fixtures shall be run to the nearest wall.

[2021 Uniform Plumbing Code, section 402.2]

Joints.

Where a fixture comes in contact with the wall or floor, the joint between the fixture and the wall or floor shall be made watertight.

WASTE PIPE SIZING - UPC

FIXTURE TYPE	TRAP SIZE	DFU	QUANTITY	TOTAL
URINAL	2 IN.	4	1	4
WATER CLOSET	3 IN.	4	3	12
LAVATORY	1¼ IN.	1	2	2
WASH SINK (HAND SINK)	1½ IN.	2	3	6
FLOOR DRAIN OR SINK	3 IN.	5	4	20
FLOOR DRAIN OR SINK	4 IN.	6	1	6
EMERGENCY FLOOR DRAIN (BATHROOMS)	3 IN.	0	2	0
			TOTAL	52

GREASE PIPE SIZING - UPC

SERVICE SINK (MOP SINK)	3 IN.	3	2	6
FLOOR DRAIN OR SINK	3 IN.	5	7	35
FLOOR DRAIN OR SINK	4 IN.	6	2	12
WASHING MACHINE	2 IN.	3	1	3
WASH SINK (HAND SINK)	1½ IN.	2	1	2
			TOTAL	58

NOTE: PER 2021 WASHINGTON STATE PLUMBING CODE TABLE 1014.3.6, MINIMUM 1,500 GALLON (CAPABLE OF 172 FU) IS REQUIRED.

STORM PIPE SIZING

RAINFALL = 2 IN./HR

VERTICAL LEADERS

ROOF DRAIN	ROOF AREA SQ. FT.	SIZE IN.
RD-1	1,330	4
RD-2	1,332	4
RD-3	916	4
RD-4	915	4
TOTAL	4,493	

HORIZONTAL PIPING (SLOPE ⅛" PER FOOT)

ROOF DRAIN	ROOF AREA SQ. FT.	SIZE IN.
RD-2 & RD-4	2,247	5
RD-2, RD-3 & RD-4	3,163	6
RD-1, RD-2, RD-3 & RD-4	4,493	6

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PRCNC20241917

M. MANGLICMOT, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER
03/19/25
Seal

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY: MMM
STD ISSUE DATE: 12/10/24
REVIEWED BY: MMM
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS, WOOD ROOF TRUSS FRAMING, STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

MCD24092.0 – PUYALLUP, WA

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P1.2
WASTE, VENT & STORM PIPING

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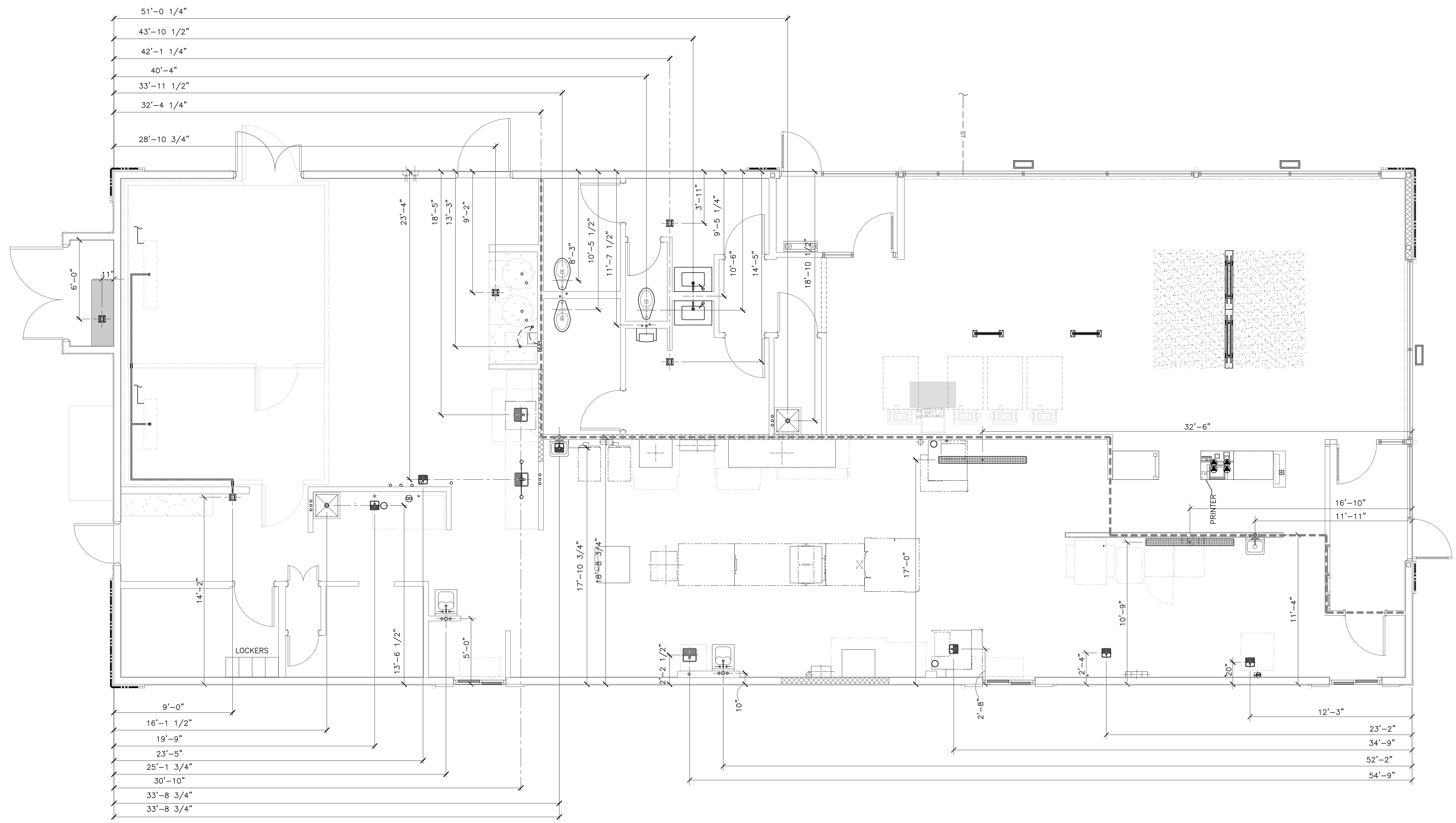

1 / P1.4 UNDERGROUND ROUGH-IN
SCALE: 1/4" = 1'-0"

DRAWING NOTES

1. THIS PLAN IS PROVIDED AS A GUIDE FOR THE PLUMBING CONTRACTOR. ALL DIMENSIONS ARE ROUNDED TO THE NEAREST ¼" AND ARE TAKEN FROM THE OUTSIDE EDGE OF THE FOUNDATION WALL TO CENTERLINE OF SLAB PENETRATION.

[2021 Uniform Plumbing Code, section 402.5]

Setting.

Fixtures shall be set level and in proper alignment with reference to adjacent walls. No water closet or bidet shall be set closer than 15 inches from its center to a side wall or obstruction, or closer than 30 inches center to center to a similar fixture. The clear space in front of a water closet, lavatory, or bidet shall be not less than 24 inches. No urinal shall be set closer than 12 inches from its center to a side wall or partition or closer than 24 inches center to center.

City of Puyallup
Development & Permitting Services
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Engineering	Public Works
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Seal
03/19/25

PREPARED FOR:
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DRAWN BY: MMM
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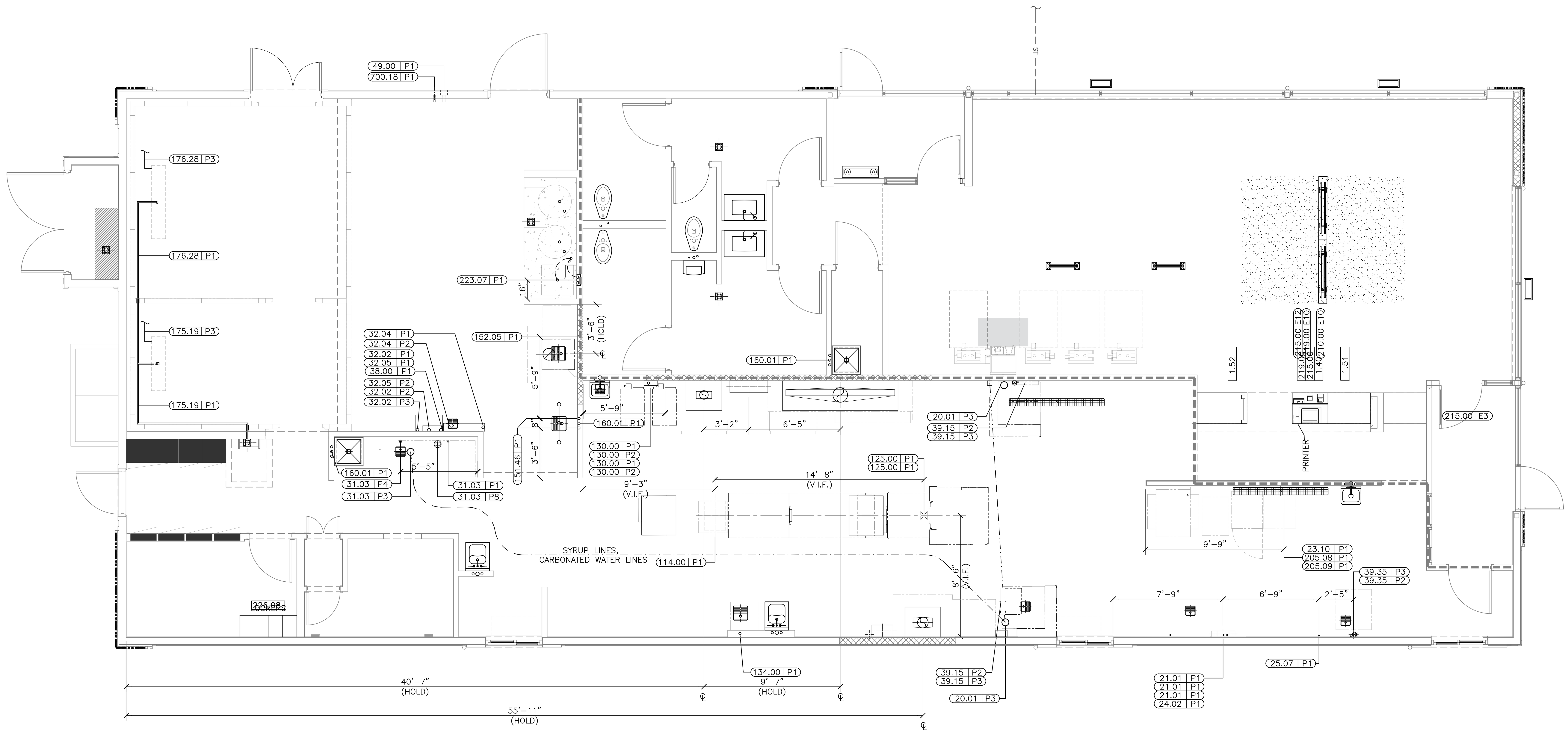
MCD24092.0 – PUYALLUP, WA



OVERHEAD ROUGH-IN

1 / P1.6

SCALE: 1/4" = 1'-0"

PLUMBING SCHEDULE

VIF = Verify in Field
PC = Plumbing Contractor
BSI = Beverage System Installer

TAG #	QTY	DESCRIPTION	GAS TYPE	GAS BTU	GAS SIZE	HW	CW	MISC PLBG	HGT AFF	DRAIN	REQUIREMENTS & REMARKS
020.01P3	2	AUTOMATED BEVERAGE SYSTEM 2.0	–	–	–	–	–	SODA BUNDLE	SEE RMKS	–	DN CHASE FROM SODA SYSTEM – "T" FROM D/T – BSI TO MAKE FINAL CONNECTIONS PER LOCAL CODES
021.01P1	3	COFFEE BREWER (GLASS DECANTERS)	–	–	–	–	1/4" TRTD	–	SEE RMKS	–	DN CHASE FROM SODA SYSTEM – IF NO CHASE RUN IN 2"COND TO JB –BSI TO CONN CW LINE PER LOCAL CODES. 1/4" R.O. WATER OPTIONAL
023.10P1	1	ESPRESSO BREWER	–	–	–	–	3/8" R.O.	–	SEE RMKS	3/8" IND	DN CHASE FROM R.O. SYSTEM – IF NO CHASE RUN IN 2"COND TO JB –BSI TO CONN CW LINE PER LOCAL CODES
024.02P1	1	JUICE DISPENSER	–	–	–	–	1/2" FLTR	–	SEE RMKS	–	–
025.07P1	1	INFUSION TEA BREWER – MIS	–	–	–	–	1/2" TRTD	3/8" CO2	SEE RMKS	–	DN CHASE FROM SODA SYSTEM – IF NO CHASE RUN IN 2"COND TO JB –BSI TO CONN CW LINE PER LOCAL CODES
031.03P1	1	SODA SYSTEM PACKAGE B.I.B.(RECIRCULATING– 3 TOWERS)	–	–	–	–	–	3/8" OUTLET	SEE RMKS	–	FLEX LINE OVERHEAD TO VARIOUS EQUIP. BSI TO MAKE FINAL CONN PER LOCAL CODES
031.03P3	1	SODA SYSTEM PACKAGE B.I.B.(RECIRCULATING– 3 TOWERS)	–	–	–	–	–	SODA BUNDLE	SEE RMKS	–	OVERHEAD TO SODA TOWER CHASE(S) – BSI TO MAKE FINAL CONNECTIONS PER LOCAL CODES
031.03P4	1	SODA SYSTEM PACKAGE B.I.B.(RECIRCULATING– 3 TOWERS)	–	–	–	–	3/4"	–	1'–6"	3/4" IND	BSI TO MAKE CONNECTION FROM BACKFLOW PREVENTER (VERIFY HEIGHT IN FIELD)
031.03P8	1	SODA SYSTEM PACKAGE B.I.B.(RECIRCULATING– 3 TOWERS)	–	–	–	–	–	REFRIG LINES	SEE RMKS	–	FROM REMOTE CONDENSING UNIT
032.02P1	1	REVERSE OSMOSIS WATER FILTRATION SYSTEM – TANKLESS	–	–	–	–	3/8" FLTR	–	SEE RMKS	–	FLEX LINE OVERHEAD FROM SODA SYSTEM –BSI TO MAKE FINAL CONN PER LOCAL CODES
032.02P2	1	REVERSE OSMOSIS WATER FILTRATION SYSTEM – TANKLESS	–	–	–	–	–	3/8" OUTLET	SEE RMKS	–	FLEX LINE OVERHEAD TO RAPID STEAMER, ESPRESSO, AND COFFEE (OPT.) –BSI TO MAKE FINAL CONN PER LOCAL CODES
032.02P3	1	REVERSE OSMOSIS WATER FILTRATION SYSTEM – TANKLESS	–	–	–	–	–	–	–	1/4" WASTE	–
032.04P1	1	WATER FILTRATION SYSTEM	–	–	–	–	–	3/4" INLET	6'–0"	–	–
032.04P2	1	WATER FILTRATION SYSTEM	–	–	–	–	–	3/4" OUTLET	–	–	3/4" GHT RINSE CONN. FLEX LINE OVHD. TO RAPID STEAMER, ESPRESSO, & COFFEE (OPT.) –BSI TO MAKE FINAL CONN PER LOCAL CODE
032.05P1	1	WATER FILTRATION SYSTEM	–	–	–	–	–	3/4" INLET	SEE RMKS	–	FLEX LINE OVERHEAD FROM R.O. SYSTEM –BSI TO MAKE FINAL CONN PER LOCAL CODES
032.05P2	1	WATER FILTRATION SYSTEM	–	–	–	–	–	3/4" OUTLET	SEE RMKS	–	FLEX LINE OVERHEAD TO COMBI OVENS AND STAGING CABINET –BSI TO MAKE FINAL CONN PER LOCAL CODES
038.00P1	1	CLEAN IN PLACE PANEL	–	–	–	–	1/2" FLTR	–	6'–0"	–	FOR CLEANING BULK COKE TANKS. INSTALL HEIGHT TO BOTTOM OF UNIT
039.15P2	2	ICE MACHINE – 1000 LB.	–	–	–	–	1/2" TRTD	–	SEE RMKS	3/4" IND	WATER LINE OVERHEAD FROM SODA SYSTEM – BSI TO MAKE FINAL CONNECTIONS PER LOCAL CODES
039.15P3	2	ICE MACHINE – 1000 LB.	–	–	–	–	–	REFRIG LINES	–	–	REFRIGERATION LINES OVERHEAD FROM REMOTE CONDENSING UNIT
039.35P2	1	ICE MACHINE – 1000 LB.	–	–	–	–	1/2" TRTD	–	SEE RMKS	3/4" IND	WATER LINE OVERHEAD FROM SODA SYSTEM – BSI TO MAKE FINAL CONNECTIONS PER LOCAL CODES
039.35P3	1	ICE MACHINE – 1000 LB.	–	–	–	–	–	REFRIG LINES	–	–	–
049.00P1	1	CO2 FILL BOX	–	–	–	–	–	–	3'–4"	–	HEIGHT IS TO BOTTOM OF FILL BOX;SUPPLIED BY MANUFACTURER;INSTALLED BY G.C. SEE BUILDING ELEVATIONS.
114.00P1	1	HUMIDIFIED HOLDING CABINET	–	–	–	–	3/8" R.O.	–	SEE RMKS	–	BSI EXTENDS CW LINE OVERHEAD FROM R.O. SYSTEM & TERM. W/QUICK DISCONN. AND SHUTOFF

PLUMBING SCHEDULE

VIF = Verify in Field
PC = Plumbing Contractor
BSI = Beverage System Installer

TAG #	QTY	DESCRIPTION	GAS TYPE	GAS BTU	GAS SIZE	HW	CW	MISC PLBG	HGT AFF	DRAIN	REQUIREMENTS & REMARKS
125.00P1	2	RAPID BUN STEAMER	–	–	–	–	3/8" R.O.	–	SEE RMKS	–	BSI EXTENDS CW LINE FROM R.O. SYSTEM & TERM. W/QUICK DISCONN.
130.00P1	2	COMBI OVEN	–	–	–	–	1/2" FLTR	–	SEE RMKS	1 1/2" IND	BSI EXTENDS CW LINE OVERHEAD FROM SODA SYSTEM & TERM. W/QUICK DISCONN. AND SHUTOFF
130.00P2	2	COMBI OVEN	–	–	–	–	3/8" R.O.	–	SEE RMKS	–	BSI EXTENDS CW LINE OVERHEAD FROM R.O. SYSTEM & TERM. W/QUICK DISCONN. AND SHUTOFF
134.00P1	1	VEGETABLE SINK	–	–	–	–	3/4"	–	1'–10"	1–1/2" IND	–
151.46P1	1	SOILED DISHTABLE – RIGHT HAND – 90.5" WIDE	–	–	–	3/4" 140	3/4"	–	1'–6"	–	PC MAKES FINAL CONNECTIONS PER LOCAL CODE
152.05P1	1	WAREWASHER (WITH VAPOR VENT) – UPRIGHT	–	–	–	1/2" 140	1/2"	–	SEE RMKS	2" INDIRECT	PC TO PROVIDE HW, CW, INDIRECT DRAIN PIPING AND MAKE ALL FINAL CONNECTIONS. HW @ 5'–2" AFF, CW @ 4'–10" AFF, DRAIN @ 9"
160.01P1	3	CHEMICAL SYSTEM	–	–	–	3/4" 110	–	–	SEE RMKS	–	PC TO PROVIDE 3/4" MHT. FINAL CONNECTIONS BY EQUIPMENT INSTALLER PER LOCAL CODE, SEE SHEET P3.0 FOR INSTALLATION HEIGHT
175.19P1	1	COOLER EVAPORATOR	–	–	–	–	–	–	–	3/4" COND.	PC TO ROUTE CONDENSATE DRAIN LINE TO FLOOR DRAIN. PC TO LIQUID–TIGHT SEAL OPENING FOR LINE EXITING BOX
175.19P3	1	COOLER EVAPORATOR	–	–	–	–	–	REFRIG LINES	–	–	RUN TO REMOTE CONDENSING UNIT–INSULATE FULL RUN LENGTH –INSTALLED BY REFRIG. CONTRACTOR
176.28P1	1	FREEZER EVAPORATOR	–	–	–	–	–	–	–	3/4" COND.	PC TO ROUTE CONDENSATE DRAIN LINE TO FLOOR DRAIN. PC TO LIQUID–TIGHT SEAL OPENING FOR LINE EXITING BOX. HEAT TAPE BY REF.
176.28P3	1	FREEZER EVAPORATOR	–	–	–	–	–	REFRIG LINES	–	–	RUN TO REMOTE CONDENSING UNIT–INSULATE FULL RUN LENGTH–INSTALLED BY REFRIG. CONTRACTOR
205.08P1	1	BIC MACHINE	–	–	–	–	1/2" FLTR	–	SEE RMKS	1" IND	DN CHASE. IF NO CHASE RUN IN 2"COND TO JB –BSI TO CONNECT LINES PER LOCAL CODES
205.09P1	1	FROZEN BEVERAGE DISPENSER	–	–	–	–	1/2" FLTR	3/8" CO2	SEE RMKS	–	DN CHASE. IF NO CHASE RUN IN 2"COND TO JB –BSI TO CONNECT LINES PER LOCAL CODES
223.07P1	1	WASHER	–	–	–	3/4" 140	3/4"	–	4'–0"	1 1/2" D	SEE PLUMBING DWGS FOR WALL BOX. INSTALL HEIGHT IS TO BOTTOM OF THE BOX
700.18P1	1	BULK OIL FILL BOX	–	–	–	–	–	–	3'–4"	–	HEIGHT IS TO BOTTOM OF FILL BOX;SUPPLIED BY MANUFACTURER;INSTALLED BY G.C. SEE BUILDING ELEVATIONS.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	MMM
1	03/20/25	PLAN CHECK COMMENTS	MMM

Professional of Record:

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Architectural Solutions Group
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PHONE: (425) 516-7882
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PRCNC20241917

Seal

03/19/25

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY: MMM
STD ISSUE DATE: 12/10/24
REVIEWED BY: MMM
DATE ISSUED: 03/20/25

TITLE
2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION
2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046–1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

046–1172.00.0

P1.6
OVERHEAD ROUGH–IN

MCD24092.0 – PUYALLUP, WA

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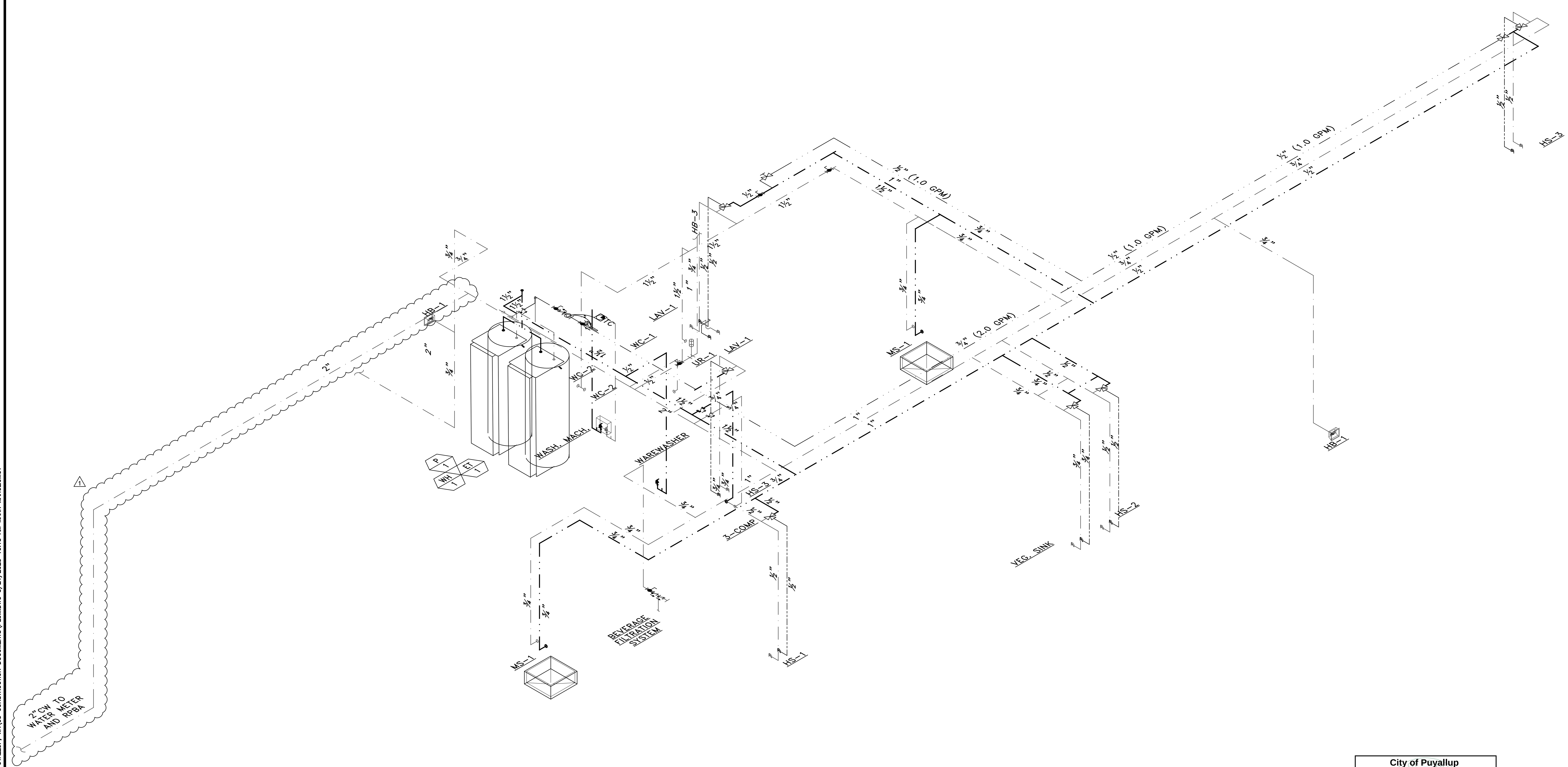

1 P2.0 DOMESTIC WATER PIPING ISOMETRIC

SCALE: NONE

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

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PRCNC20241917

Seal: M. MANGLICMOT, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER, 03/19/25

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY: MMM
STD ISSUE DATE: 12/10/24
REVIEWED BY: MMM
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA

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WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

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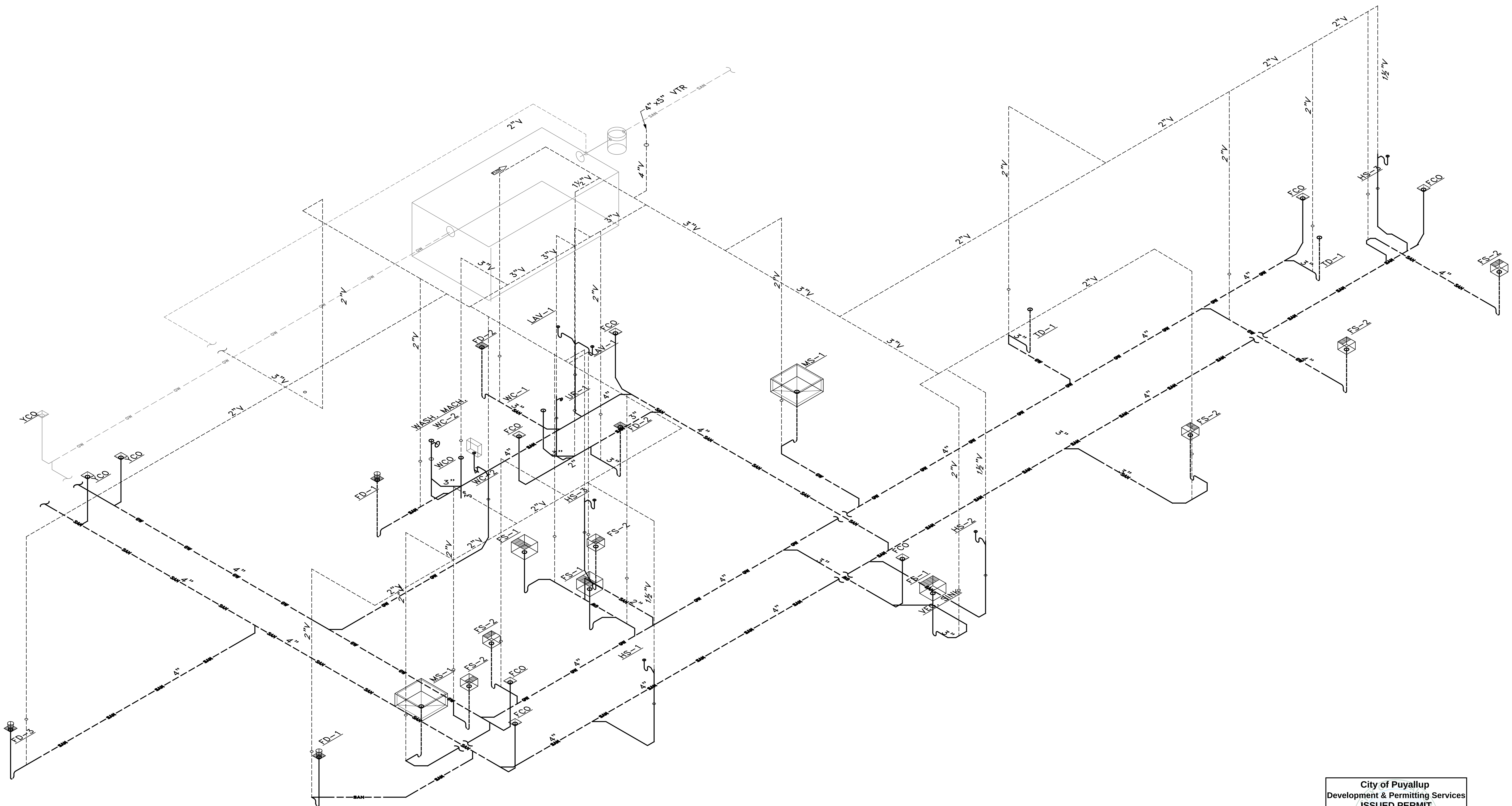
046-1172.00.0

P2.0

DOMESTIC WATER ISOMETRIC

MCD24092.0 - PUYALLUP, WA



1 P2.1 WASTE & VENT PIPING ISOMETRIC

SCALE: NONE

City of Puyallup	
Development & Permitting Services	
ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

REV	DATE	DESCRIPTION	BY
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PRCNC20241917

Seal 03/19/25

PREPARED FOR:
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DATE ISSUED 03/20/25

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3898 – PUYALLUP, WA

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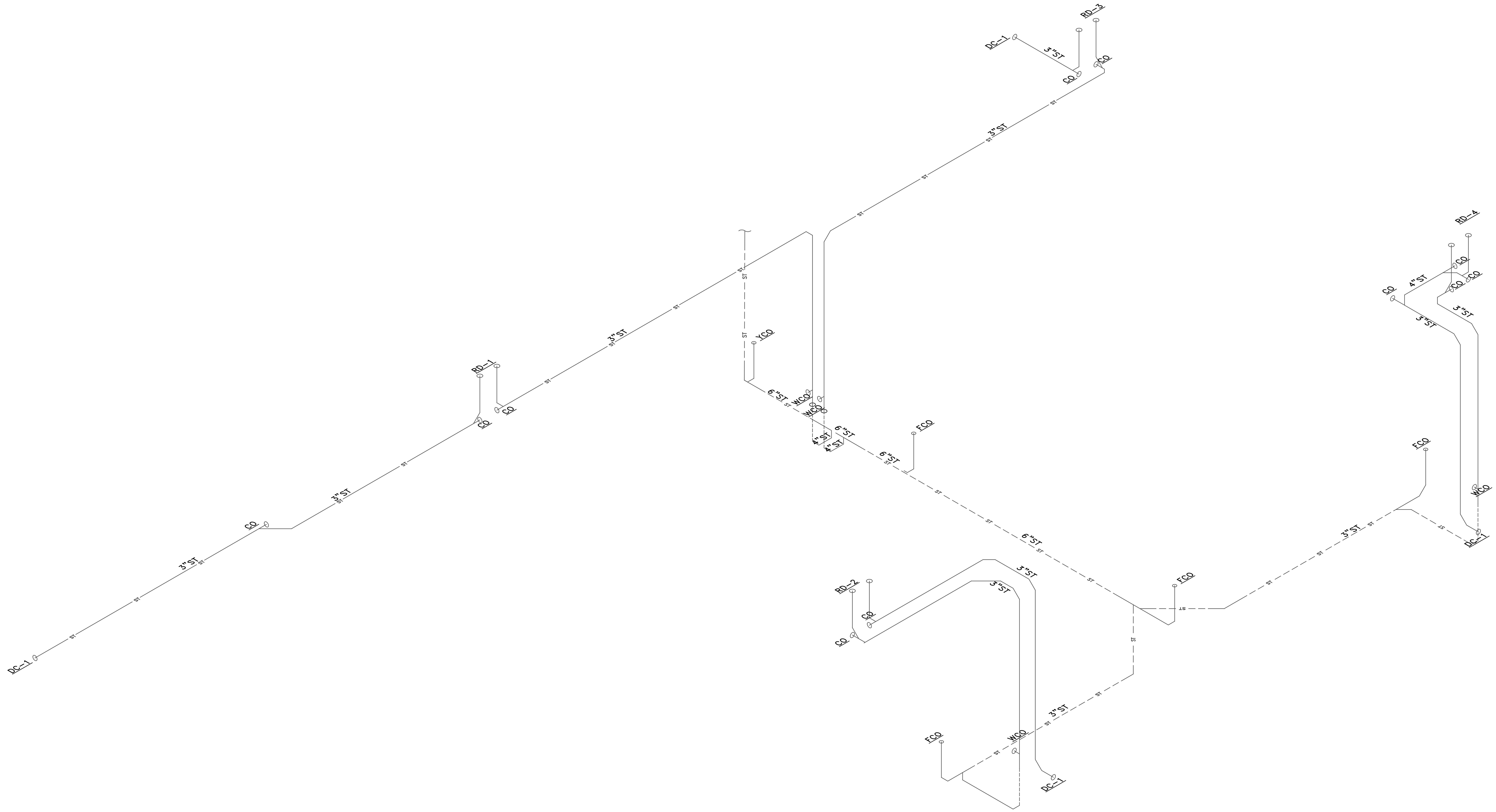
046-1172.00.0

P2.1

WASTE & VENT ISOMETRIC

MCD24092.0 – PUYALLUP, WA



1 / P2.2 STORM PIPING ISOMETRIC

SCALE: NONE

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REV	DATE	DESCRIPTION	BY
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1	03/20/25	PLAN CHECK COMMENTS	MMM

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PRCNC20241917

MARK M. MANGLICMOT STATE OF WASHINGTON 53866 REGISTERED PROFESSIONAL ENGINEER 03/19/25

Seal

PREPARED FOR:

McDonald's USA, LLC

DRAWN BY: MMM
STD ISSUE DATE: 12/10/24
REVIEWED BY: MMM
DATE ISSUED: 03/20/25

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3898 - PUYALLUP, WA

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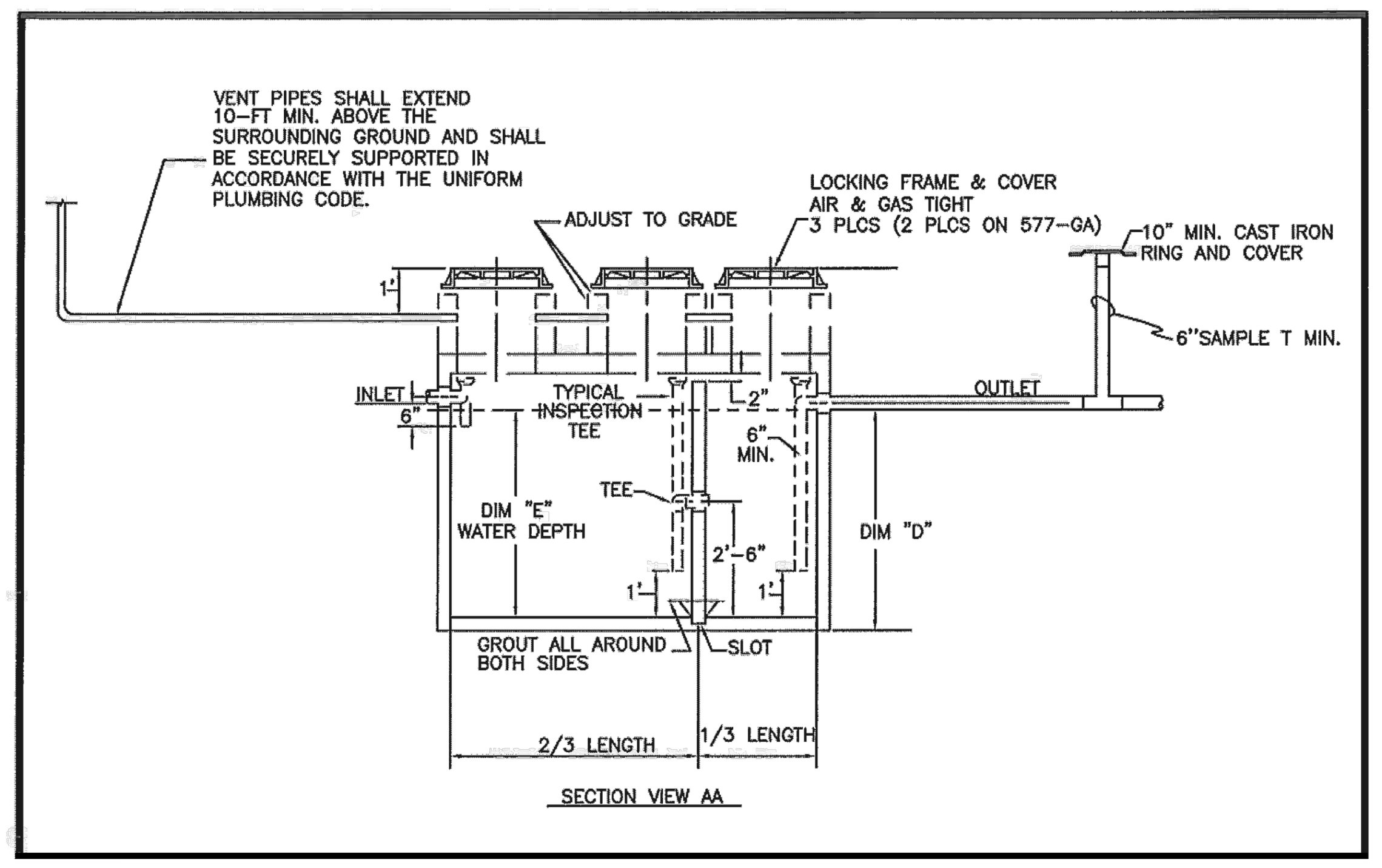
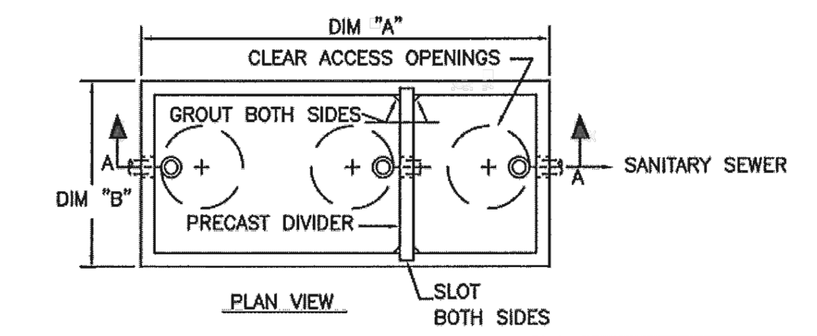
046-1172.00.0

P2.2

STORM ISOMETRIC

MCD24092.0 - PUYALLUP, WA





CAPACITY	DIM "A"	DIM "B"	DIM "C"	DIM "D"	WATER DEPTH DIM "E"
750 (Min. Size)	7'–0"	4'–8"	7'–0"	4'–3"	3'–11"
1000	9'–0"	5'–0"	7'–2"	4'–2"	3'–10"
1500	11'–2"	5'–8"	7'–2"	4'–3"	3'–11"
2000	12'–8"	6'–8"	8'–0"	4'–7"	3'–10"
2500	12'–8"	6'–8"	8'–0"	5'–6"	4'–9"
3000	13'–1"	8'–0"	8'–7"	5'–1"	4'–8"
4000	13'–1"	8'–0"	8'–7"	6'–8"	6'–3"
5000	15'–7"	9'–7"	10'–0"	7'–4"	6'–1"
6000	19'–11"	9'–11"	10'–5"	7'–1"	5'–8"
7000	19'–11"	9'–11"	10'–5"	8'–0"	6'–7"

NOTES:

1. CONCRETE: 28 DAY COMPRESSIVE STRENGTH f'c = 4500 psi
2. REBAR: ASTM A–615 GRADE 60
3. MESH: ASTM A–185 GRADE 65
4. DESIGN: ACI–318–83 BUILDING CODE
   ASTM C–857 "MINIMUM STRUCTURAL DESIGN LOADING FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES"
5. MINIMUM VAULT DIMENSIONS BASED ON UTILITY VAULT. OTHER MANUFACTURER'S SIZING MAY VARY.

* SEE CITY STANDARD DETAIL NO. 04.06.02 FOR ADDITIONAL NOTES

CITY OF PUYALLUP
OFFICE of THE CITY ENGINEER

GREASE INTERCEPTOR

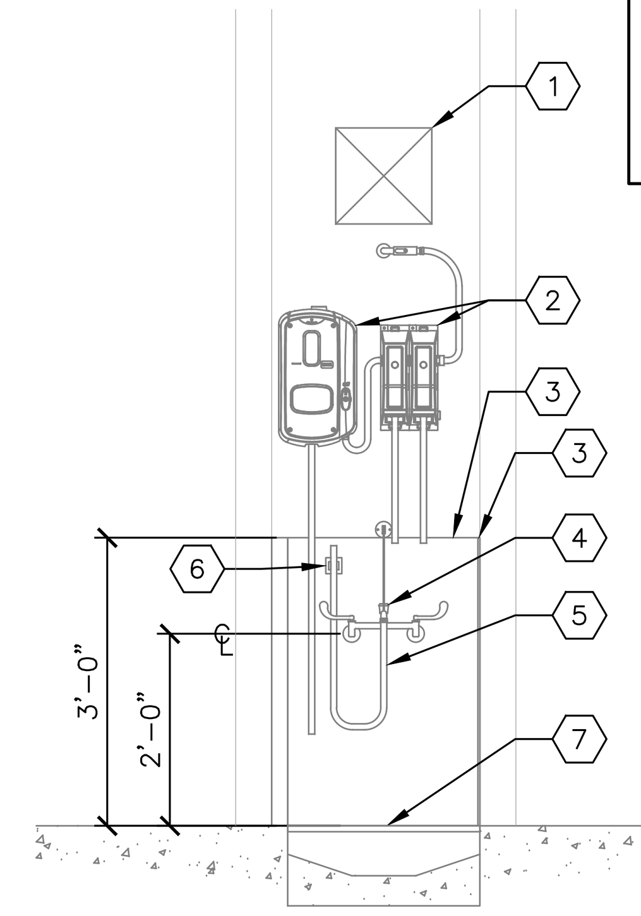
DRAWN BY LINDA LIAN | CHECKED BY COLLEEN HARRIS | APPROVED BY MARK PALMER | REVISED BY LINDA LIAN | DATE REVISED | CITY STANDARD 04.06.01

11/30/16

DETAIL 1 — GREASE INTERCEPTOR — SCALE: NONE — P3.0

KEYED NOTES:

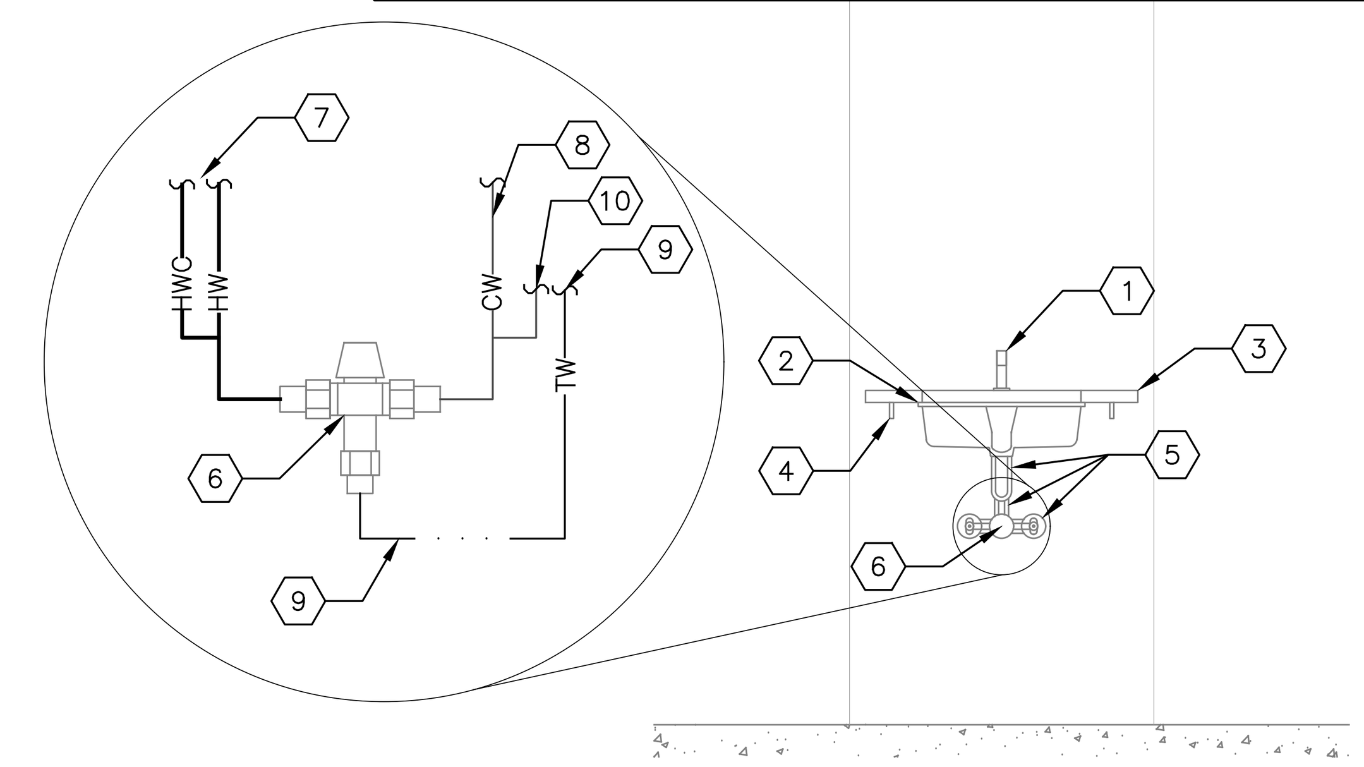
1. ACCESS PANEL FOR THERMOSTATIC MIXING VALVE (SEE CHEMICAL SYSTEM INSTALLATION DETAIL)
2. ECOLAB CHEMICAL SYSTEM (SEE CHEMICAL SYSTEM INSTALLATION DETAIL)
3. 24"Wx36"H WALL GUARD (QTY. 2) FURNISHED WITH MOP SINK (SEE PLUMBING FIXTURE SCHEDULE)
4. MOP SINK FAUCET WITH INTEGRAL VACUUM BREAKER (SEE PLUMBING FIXTURE SCHEDULE)
5. HOSE FURNISHED WITH MOP SINK FAUCET (SEE PLUMBING FIXTURE SCHEDULE)
6. HOSE BRACKET FURNISHED WITH MOP FAUCET (SEE PLUMBING FIXTURE SCHEDULE)
7. FLOOR GRATE



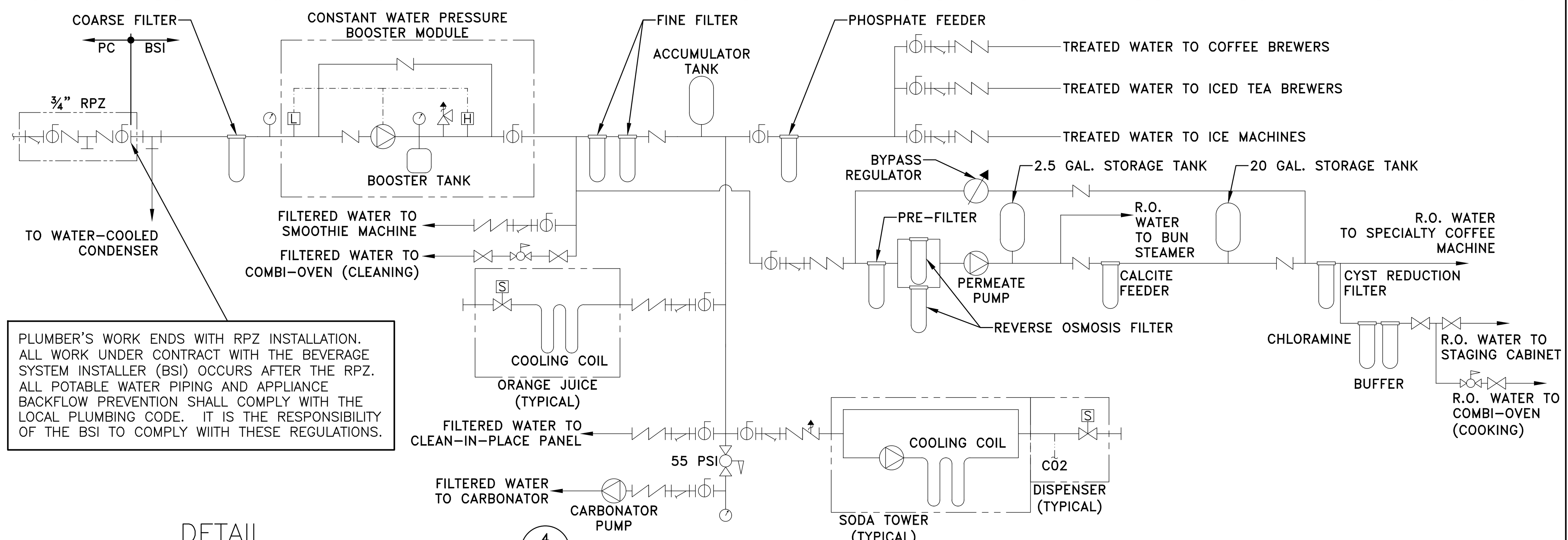
DETAIL 2 — RECESSED MOP SINK — SCALE: ½"=1'–0" — P3.0

KEYED NOTES:

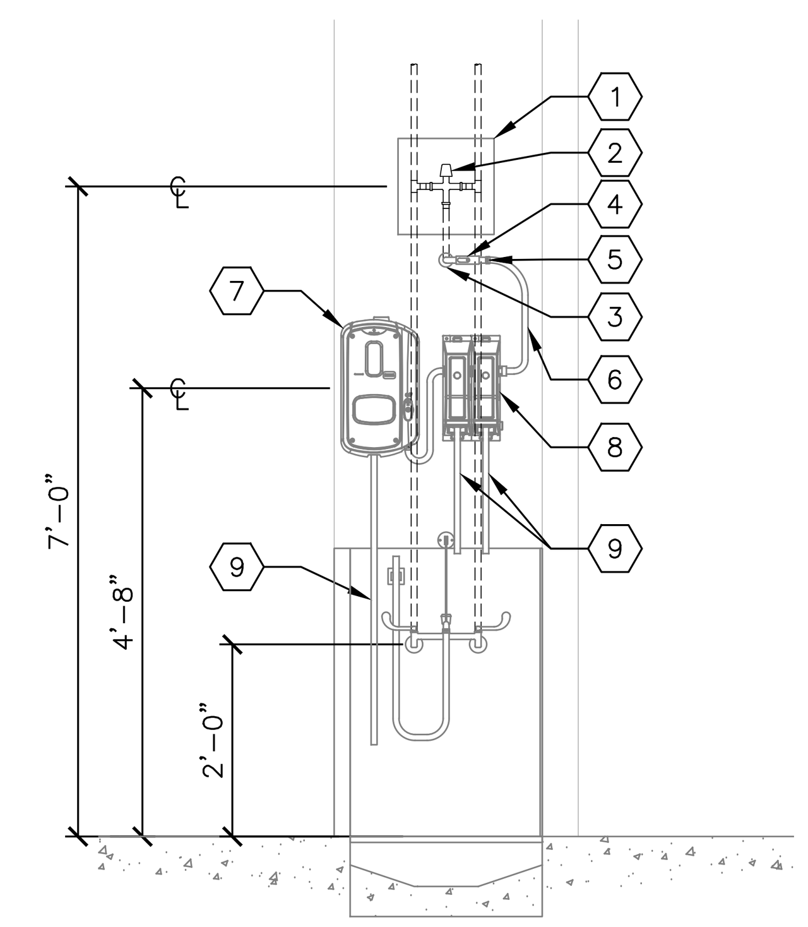
1. FAUCET (SEE PLUMBING FIXTURE SCHEDULE)
2. LAVATORY OR HAND SINK (SEE PLUMBING FIXTURE SCHEDULE)
3. CORIAN COUNTERTOP – TOILET ROOMS ONLY (FURNISHED BY G.C.)
4. LAVATORY CARRIER – TOILET ROOMS ONLY (SEE ARCHITECTURAL DRAWINGS)
5. OUTLINE OF ADA COMPLIANT WRAP (SEE PLUMBING FIXTURE SCHEDULE)
6. THERMOSTATIC MIXING VALVE (SEE VALVE SCHEDULE)
7. HOT WATER AND HWC DOWN WALL (WITH BALANCING VALVE AND CHECK VALVE INSTALLED).
8. COLD WATER DOWN TO MIXING VALVE
9. TEMPERATED WATER TO FIXTURES
10. COLD WATER TO FIXTURES AS APPLICABLE.

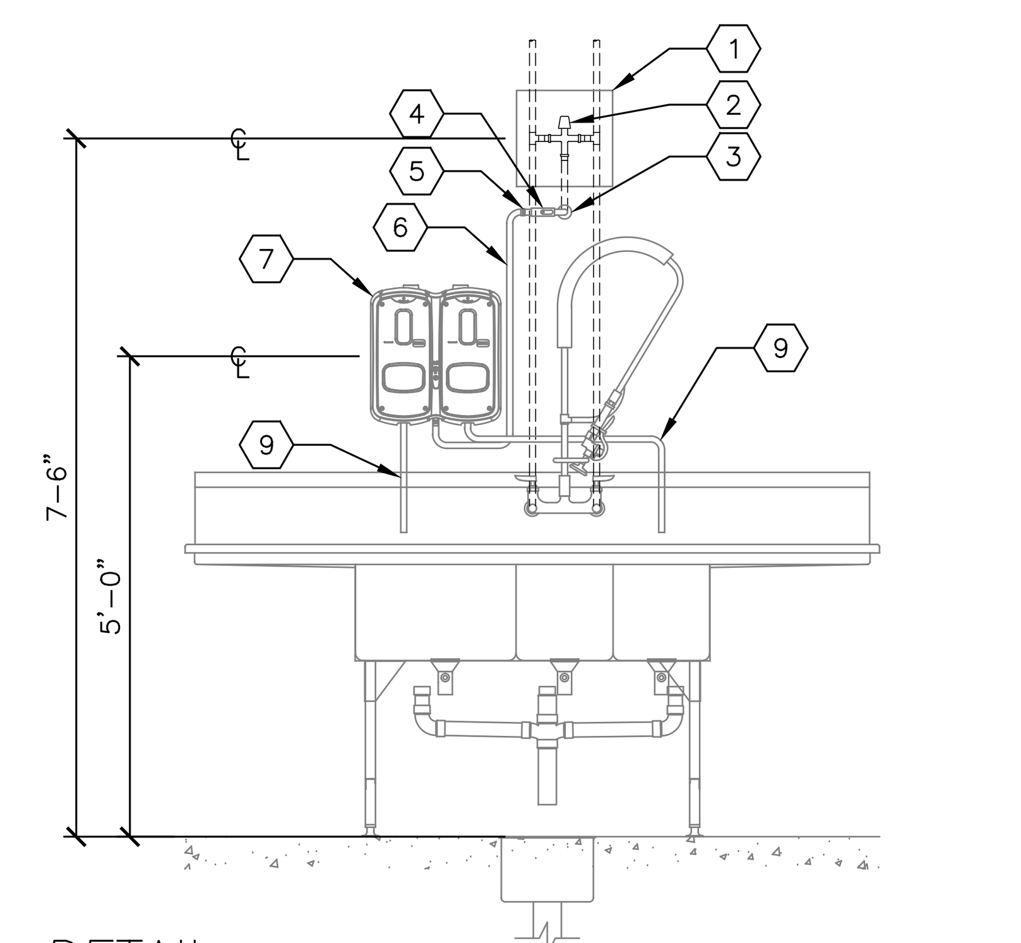


DETAIL 3 — LAVATORY (PUBLIC) — SCALE: ½"=1'–0" — P3.0



DETAIL 4 — BEVERAGE SYSTEM DISTRIBUTION SCHEMATIC — SCALE: NONE — P3.0





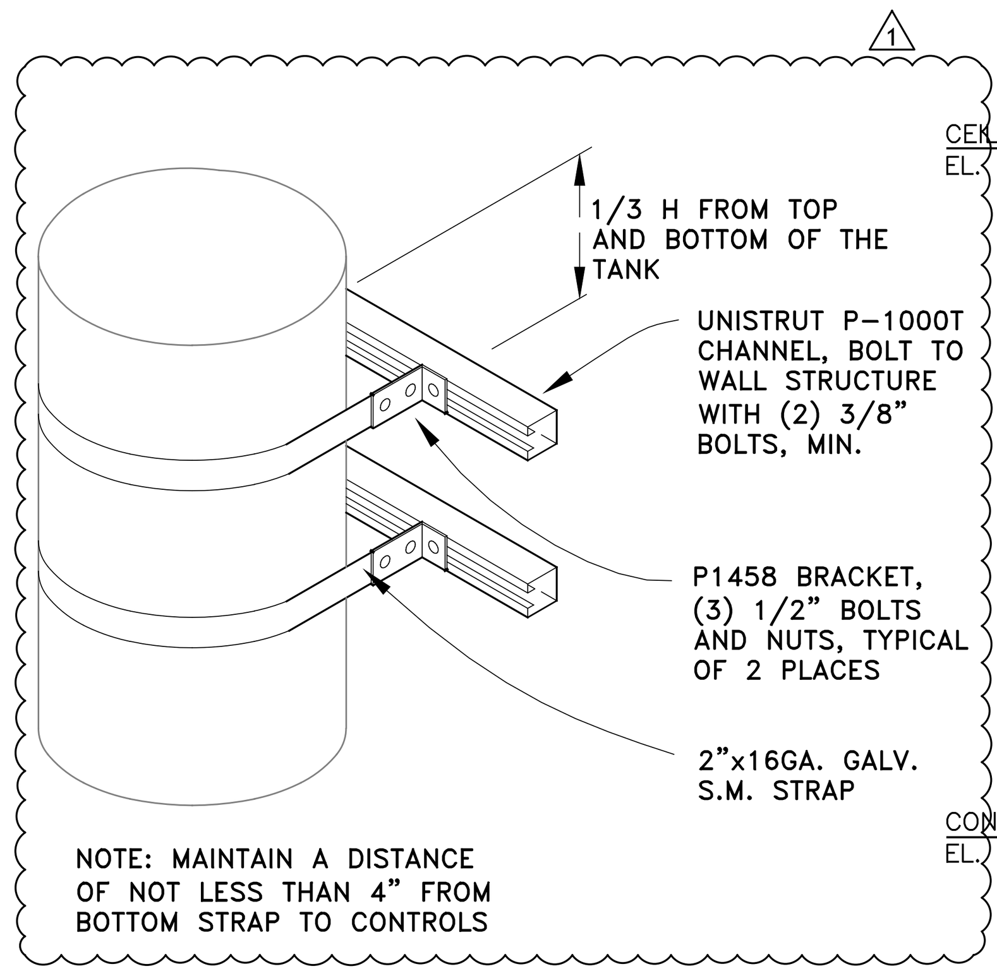
KEYED NOTES:

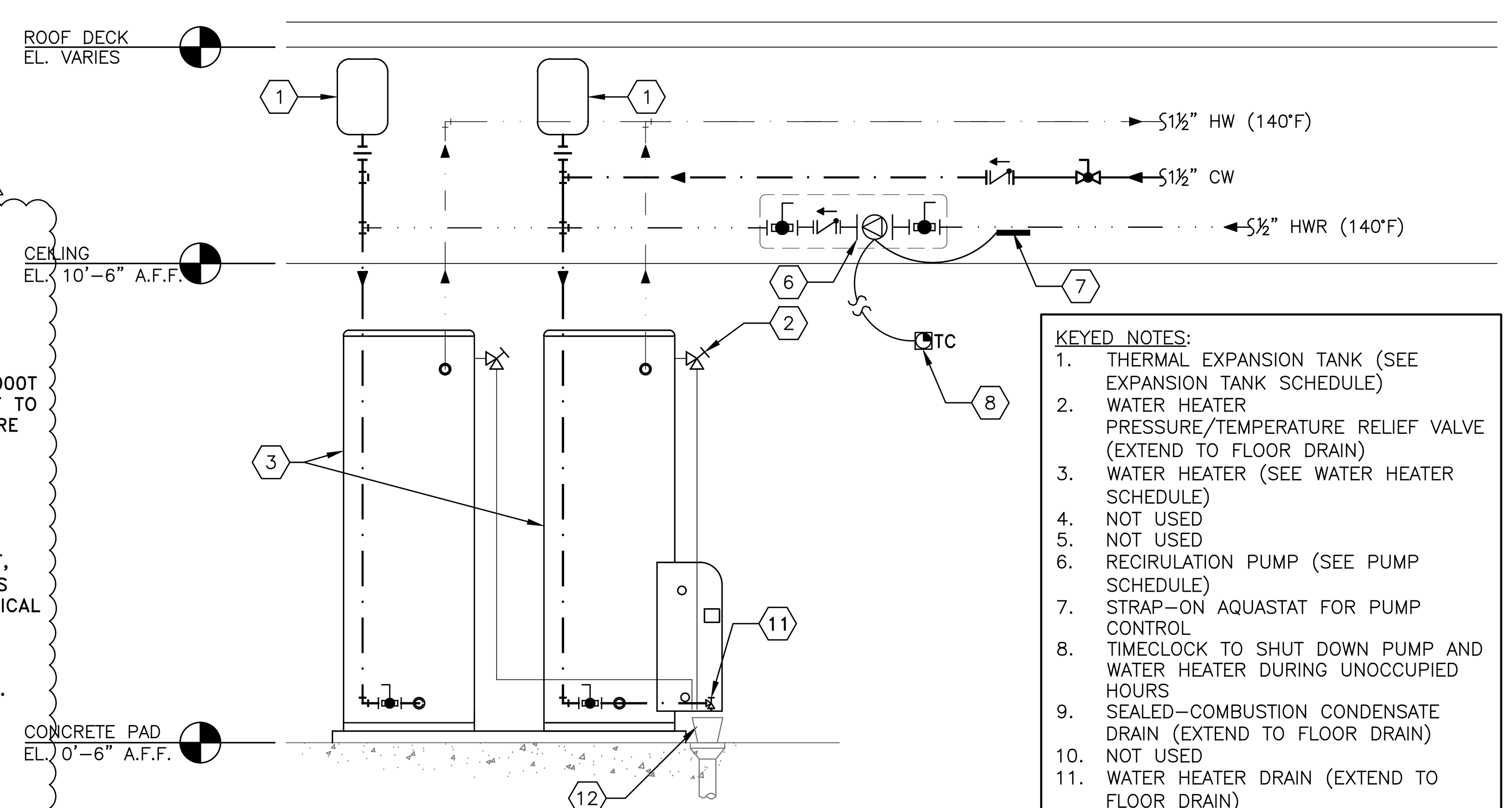
1. 12"x12" ACCESS PANEL (COORDINATE INSTALLATION WITH G.C.)
2. THERMOSTATIC MIXING VALVE SET TO 110°F (SEE VALVE SCHEDULE)
3. PIPE THROUGH WALL WITH ESCUTCHEON PLATE
4. SHUT–OFF VALVE
5. ¾" MHT CONNECTION

PLUMBER'S WORK ENDS AT MHT CONNECTION

6. HOSE TO CHEMICAL SYSTEM
7. ECOLAB SOLIDSENSE CHEMICAL DISPENSER
8. ECOLAB SMARTSHAPE CHEMICAL DISPENSER
9. CHEMICAL DISPENSING HOSE

DETAIL 5 — CHEMICAL SYSTEM INSTALLATION — SCALE: ½"=1'–0" — P3.0





KEYED NOTES:

1. THERMAL EXPANSION TANK (SEE EXPANSION TANK SCHEDULE)
2. WATER HEATER PRESSURE/TEMPERATURE RELIEF VALVE (EXTEND TO FLOOR DRAIN)
3. WATER HEATER (SEE WATER HEATER SCHEDULE)
4. NOT USED
5. NOT USED
6. RECIRCULATION PUMP (SEE PUMP SCHEDULE)
7. STRAP–ON AQUASTAT FOR PUMP CONTROL
8. TIMECLOCK TO SHUT DOWN PUMP AND WATER HEATER DURING UNOCCUPIED HOURS
9. SEALED–COMBUSTION CONDENSATE DRAIN (EXTEND TO FLOOR DRAIN)
10. NOT USED
11. WATER HEATER DRAIN (EXTEND TO FLOOR DRAIN)
12. FLOOR DRAIN WITH FUNNEL OR FLOOR SINK. REFER TO P1.2 FOR PLAN AND P4.1 FOR SCHEDULE.

DETAIL 6 — WATER HEATER PIPING — SCALE: NONE — P3.0

[2021 Uniform Plumbing Code, section 507.2]

Seismic Provisions.

Water heaters shall be anchored or strapped to resist horizontal displacement due to earthquake motion. Strapping shall be at points within the upper one-third and lower one-third of its vertical dimensions. At the lower point, a distance of not less than 4 inches shall be maintained from the controls with the strapping.

City of Puyallup
Development & Permitting Services
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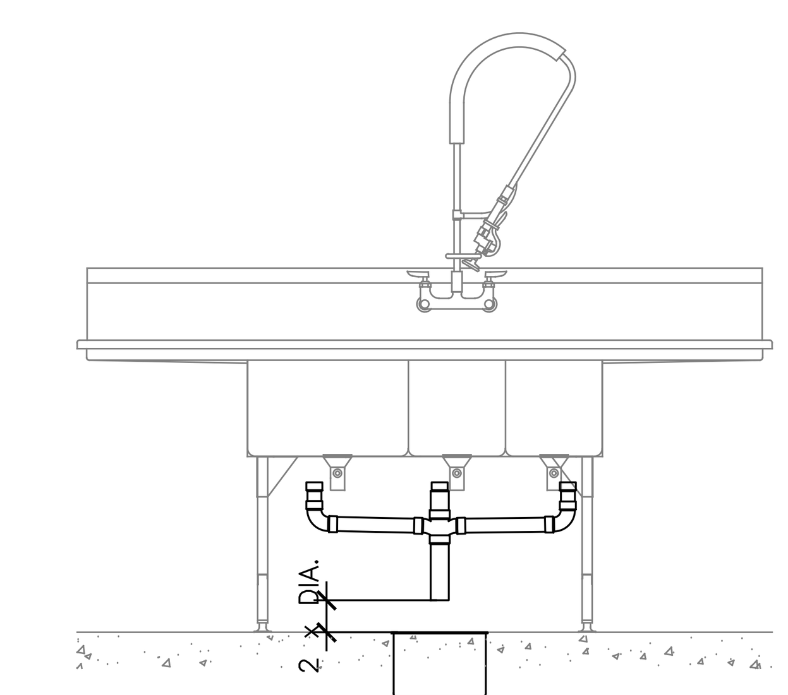
Building	Planning
Engineering	Public Works
Fire	Traffic

DETAIL 6 — NOT USED — SCALE: NONE — P3.0



DETAIL 8 — INDIRECT DRAINAGE PIPING (TYP.) — SCALE: ½"=1'–0" — P3.0

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	MMM
1	03/20/25	PLAN CHECK COMMENTS	MMM

Professional of Record:

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PRCNC20241917

M. MANGLICMOT — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER — 03/19/25

Seal

PREPARED FOR:

McDonald's USA, LLC

DRAWN BY MMM | STD ISSUE DATE 12/10/24 | REVIEWED BY MMM | DATE ISSUED 03/20/25

TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

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WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID: 046–1180 | SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

046–1172.00.0

P3.0

DETAILS

MCD24092.0 – PUYALLUP, WA

GENERAL PLUMBING NOTES

GENERAL:
1. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH ALL LOCAL CODES AND ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION.
2. ALL PLUMBING WORK SHALL BE PERFORMED BY A LICENSED PLUMBER.
3. ALL DIMENSIONS, CLEARANCES AND TOLERANCES SHALL BE VERIFIED PRIOR TO INSTALLATION. ALL ROUGH-IN LOCATIONS SHALL BE COORDINATED WITH THE MANUFACTURER'S SUBMITTAL INFORMATION.
4. ALL DIMENSIONAL INFORMATION IS AS FOLLOWS (UNLESS NOTED OTHERWISE):
   A. UNDERGROUND PIPE IS TO FOUNDATION
   B. OVERHEAD PIPE IS TO FINISHED WALL
   C. ELEVATIONS ARE TO FINISHED FLOOR
5. ALL MATERIALS, FIXTURES AND EQUIPMENT USED SHALL BE IN ACCORDANCE WITH McDONALD'S SPECIFICATIONS. SPECIFICATIONS ARE CONTAINED WITHIN THESE DRAWINGS AND THE McDONALD'S PROJECT MANUAL. ANY CONTRACTOR IN NEED OF A COPY OF THE McDONALD'S PROJECT MANUAL SHALL CONTACT THE McDONALD'S AREA CONSTRUCTION MANAGER. ANY VARIANCE FROM THE McDONALD'S SPECIFICATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER-OF-RECORD.
6. SEE COORDINATION SCHEDULE FOR ADDITIONAL SCOPE OF WORK.
7. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH ITS LISTING AND/OR THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
8. WHERE POOR SOIL CONDITIONS EXIST OR WHERE SUBSTANTIAL SETTLEMENT OF EITHER THE PIPING, THE BUILDING OR ADJACENT WALKS, PLANTERS, ETC., MAY OCCUR, THE CONTRACTOR SHALL PROVIDE ADEQUATE UNDERSLAB STAINLESS STEEL PIPE HANGERS OR APPROVED OTHER SUPPORT.
9. ALL PIPE SLEEVES SHALL BE PROPERLY SEALED AND INSULATED TO PREVENT HEAT LOSS AND SEEPAGE.
10. ALL PIPE INSULATION SHALL BE PROTECTED FROM DAMAGE FROM PIPE HANGERS. PROTECTION SHALL BE LIGHT GAUGE GALVANIZED STEEL OR EQUAL.
11. ALL PENETRATIONS OF FIRE-RATED WALLS SHALL BE FIRESTOPPED WITH AN APPROVED AND LISTED FIRESTOPPING SYSTEM.

SANITARY AND VENT SYSTEMS:
1. THE BUILDING SANITARY PIPE SHALL BE LOCATED A MINIMUM OF 10 FT. FROM THE INCOMING WATER SERVICE. WHERE A 10 FT. SEPARATION IS NOT POSSIBLE, THE BOTTOM OF THE WATER SERVICE PIPE SHALL BE A MINIMUM OF 12 IN. ABOVE THE TOP OF THE HIGHEST POINT OF THE SANITARY PIPE.
2. ALL SANITARY AND VENT PIPE SHALL BE PVC TYPE DWV, ABS OR CAST-IRON WHERE REQUIRED BY CODE.
3. ALL HORIZONTAL SANITARY PIPE SHALL BE INSTALLED WITH A MINIMUM PITCH AS FOLLOWS:

PIPE SIZE	MIN. SLOPE
2½" OR LESS	¼" PER FT.
3" TO 6"	⅛" PER FT.
8" OR LARGER	⅛" PER FT. (MIN)

4. CLEANOUTS SHALL BE INSTALLED IN ALL HORIZONTAL DRAINAGE PIPE AND SHALL BE LOCATED NOT MORE THAN 100 FT. APART. (UNLESS OTHERWISE DICTATED BY LOCAL CODES).
5. CLEANOUTS SHALL BE INSTALLED AT ALL CHANGES OF DIRECTION GREATER THAN 45 DEGREES. WHERE MORE THAN ONE CHANGE OF DIRECTION OCCURS IN A SINGLE PIPE RUN, ONLY ONE (1) CLEANOUT SHALL BE REQUIRED FOR EVERY 40 FEET OF DEVELOPED LENGTH.
6. CLEANOUTS SHALL BE INSTALLED ON PIPES PRIOR TO ANY SLAB PENETRATION.
7. WHERE PIPING IS LOCATED WITHIN WALL CAVITIES, ACCESS TO THE CLEANOUTS SHALL BE PROVIDED.
8. CLEANOUTS ON 6-IN. AND SMALLER PIPES SHALL BE PROVIDED WITH A CLEARANCE OF NOT LESS THAN 18 IN. CLEANOUTS ON 8-IN. AND LARGER PIPE SHALL BE PROVIDED WITH A CLEARANCE OF NOT LESS THAN 36 IN.
9. ALL SUSPENDED SANITARY AND VENT PIPE SHALL BE SUPPORTED AS FOLLOWS:

MATERIAL	MAX. HORIZ. SPACING	MAX. VERT. SPACING
ABS	4 FT.	10 FT.
PVC (TYPE DWV)	4 FT.	10 FT.
CAST-IRON (<10 FT. PIPE SECTIONS)	5 FT.	15 FT.
CAST-IRON (10 FT. PIPE SECTIONS)	10 FT.	15 FT.

10. ALL PLUMBING FIXTURES SHALL BE VENTED AND THE MAXIMUM DISTANCE FROM THE FIXTURE TRAP TO THE VENT SHALL BE AS FOLLOWS:

TRAP SIZE	SLOPE	DISTANCE
1¼"	¼" PER FT.	2'-6"
1½"	¼" PER FT.	3'-6"
2"	¼" PER FT.	5'-0"
3"	⅛" PER FT.	6'-0"
4" & LARGER	⅛" PER FT.	10'-0"

11. ALL PLUMBING VENTS THROUGH THE ROOF SHALL TERMINATE A MINIMUM OF 12 INCHES ABOVE THE ROOF AND SHALL BE LOCATED A MINIMUM OF 8 FT. FROM ANY PARAPET WALL. WHERE A VENT TERMINATES WITHIN 8 FT. OF A PARAPET WALL, THE VENT SHALL TERMINATE A MINIMUM OF 6 INCHES ABOVE THE PARAPET.
12. ALL PLUMBING VENTS SHALL TERMINATE A MINIMUM OF 10 FT. HORIZONTALLY FROM ANY OUTDOOR AIR INTAKE. WHERE A PLUMBING VENT IS LOCATED WITHIN 10 FT. OF AN INTAKE, THE VENT SHALL TERMINATE A MINIMUM OF 2 FT. ABOVE THE INTAKE.
13. ALL SIDE WALL VENT TERMINATIONS SHALL BE PROTECTED TO PREVENT BIRDS OR RODENTS FROM ENTERING OR BLOCKING THE VENT OPENING.
14. ALL FLOOR DRAINS THAT DO NOT SERVE EQUIPMENT SHALL BE PROTECTED AGAINST DRYING OUT EITHER THROUGH THE INSTALLATION OF A TRAP PRIMER, DEEP SEAL TRAP OR PROSET TRAP GUARD. ALL TRAPS SHALL BE FILLED WITH AN INITIAL LAYER OF COOKING OIL.
15. ALL APPLIANCES SHALL DRAIN TO AN APPROVED SANITARY WASTE RECEPTOR (FLOOR SINK OR FLOOR DRAIN WITH FUNNEL). INDIRECT DRAINAGE FROM AN APPLIANCE SHALL MAINTAIN AN AIR GAP BETWEEN THE PIPE OUTLET AND THE TOP OF THE RECEPTOR. THE MINIMUM DISTANCE BETWEEN THE PIPE OUTLET AND THE TOP OF THE RECEPTOR SHALL BE TWICE THE DIAMETER OF THE APPLIANCE DRAIN PIPE.

GREASE INTERCEPTORS:
1. SEE SITE PLAN FOR THE SIZE AND LOCATION OF THE GREASE INTERCEPTOR.
2. THE GREASE INTERCEPTOR SHALL BE INSTALLED IN A LOCATION THAT IS ACCESSIBLE FOR PUMPING.
3. THE GREASE INTERCEPTOR SHALL BE CONSTRUCTED OF FIBERGLASS OR ROTATIONALLY-MOLDED POLYETHYLENE. GREASE INTERCEPTOR CONSTRUCTION SHALL CONFORM TO ALL LOCAL CODES. CONCRETE GREASE INTERCEPTORS ARE NOT PERMITTED UNLESS REQUIRED BY THE LOCAL AHJ.
4. GREASE INTERCEPTORS SHALL BE GRAVITY OR HYDROMECHANICAL TYPE, SIZED FOR THE APPLICATION LISTED.
5. THE GREASE INTERCEPTOR SHALL BE VENTED.
6. ACCESS TO THE GREASE INTERCEPTOR SHALL BE PROVIDED WITH TWO (2) 24-IN. MANHOLES. COVER SHALL PROVIDE WATER/GAS-TIGHT SEAL AND HAVE A MINIMUM 16,000 LBS. LOAD CAPACITY. ALL SURFACE WATER MUST DRAIN AWAY FROM MANHOLES.
7. PIPING INLET AND OUTLET SIDES SHALL BE CLEARLY LABELED ON THE TOP OF THE GREASE INTERCEPTOR TO INSURE PROPER INSTALLATION.

DOMESTIC SUPPLY SYSTEMS:
1. THE INCOMING WATER SERVICE PIPE SHALL BE LOCATED A MINIMUM OF 10 FT. FROM THE EXITING SANITARY PIPE. WHERE A 10 FT. SEPARATION IS NOT POSSIBLE, THE BOTTOM OF THE WATER SERVICE PIPE SHALL BE A MINIMUM OF 12 IN. ABOVE THE TOP OF THE HIGHEST POINT OF THE SANITARY PIPE.
2. ALL UNDERGROUND SITE PLUMBING SHALL CONFORM TO NSF 61, SHALL BE TYPE K COPPER TUBING OR COPPER PIPE, POLYETHYLENE (PE), PEX OR CPVC. IF CPVC IS USED, FOAM INSULATION SHALL BE INSTALLED AT ALL CHANGES OF DIRECTION TO ACCOUNT FOR EXPANSION AND CONTRACTION.
3. INCOMING DOMESTIC WATER SIZE TO BE 2" INNER DIAMETER. FOR PROJECTS WISHING TO DOWNSIZE, A HYDRANT FLOW TEST IS REQUIRED PRIOR TO CONSTRUCTION DOCUMENTS. ENGINEER OF RECORD TO SUBMIT PRESSURE DROP CALCULATIONS AND HYDRANT FLOW TEST TO USRD FOR REVIEW AND APPROVAL OF SMALLER INCOMING DOMESTIC WATER LINE.
4. IF PEX PIPING IS USED, ALL MAINS SHALL BE UPSIZED BY 0.5" DIAMETER.
5. INCOMING WATER SERVICE PRESSURE SHOULD BE BETWEEN 50 AND 55 PSI STATIC. WHERE WATER PRESSURE SERVICE EXCEEDS 80 PSI STATIC, AN APPROVED WATER-PRESSURE REDUCING VALVE WITH STRAINER CONFORMING TO ASSE 1003 SHALL BE INSTALLED. WHERE INCOMING WATER PRESSURE IS BELOW 50 PSI STATIC, A PRESSURE BOOSTER SYSTEM SHALL BE INSTALLED.
6. IF THE RESTAURANT HAS A COMBINED WATER AND FIRE SPRINKLER SERVICE, THE INCOMING WATER SERVICE SHALL BE SIZED BASED ON THE FIRE SPRINKLER CONTRACTOR'S HYDRAULIC CALCULATIONS.
7. PROVIDE A MINIMUM ½" ANNULAR CLEARANCE AROUND ALL PIPE SLAB PENETRATIONS.
8. A REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER (RPZ) SHALL BE INSTALLED AT THE INCOMING SERVICE WHERE REQUIRED BY CODE. (MIN. 60" A.F.F.)
9. AN EXPANSION TANK SHALL BE INSTALLED ON THE COLD WATER LINE INLET TO THE WATER HEATER. SEE EXPANSION TANK SCHEDULE.
10. ALL WATER SUPPLY PIPE WITHIN 5 FT. OF THE BUILDING AND INSIDE THE BUILDING SHALL COMPLY WITH NSF 61 AND SHALL BE TYPE L COPPER TUBING, COPPER PIPE, PEX OR CPVC PIPE.
11. CPVC PIPE SHALL BE FLOWGUARD GOLD OR FLOWGUARD BENDABLE AS MANUFACTURED BY LUBRIZOL.
12. CPVC PIPE SHALL BE CONNECTED WITH FLOWGUARD GOLD YELLOW LOW-VOC SOLVENT CEMENT AS MANUFACTURED BY IPS WELD-ON OR OATEY.
13. ALL CPVC PIPE SHALL BE INSULATED TO PREVENT EXPOSURE TO GREASE.
14. ALL SUSPENDED PIPE SHALL BE SUPPORTED AS FOLLOWS:

MATERIAL	MAX. HORIZ. SPACING	MAX. VERT. SPACING
COPPER PIPE	12 FT.	10 FT.
COPPER TUBING ≤1¼"	6 FT.	10 FT.
COPPER TUBING >1½"	10 FT.	10 FT.
CPVC ≤1"	3 FT.	10 FT.
CPVC ≥1¼"	4 FT.	10 FT.
PEX ≤1"	3 FT.	10 FT.
PEX ≥1¼"	4 FT.	10 FT.

15. A REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER (RPZ) SHALL BE INSTALLED AT THE INLET TO THE WATER FILTRATION SYSTEM. ALL PIPING DOWNSTREAM OF THE RPZ SHALL BE COPPER OR CROSS-LINKED POLYETHYLENE (PEX).
16. ALL DEVICES, APPLIANCES, AND APPARATUS INTENDED TO SERVE SOME SPECIAL FUNCTION (EX.: SODA MACHINE, COFFEE MACHINE, BEVERAGE DISPENSERS, ETC.) SHALL BE PROVIDED WITH PROTECTION AGAINST BACKFLOW AND CONTAMINATION OF THE WATER SUPPLY SYSTEM. ALL BACKFLOW PREVENTION DEVICES SHALL BE ASSE LISTED AND APPROVED FOR THE DEVICE OR APPLIANCE THEY SERVE.
17. ALL WATER SUPPLY LINES SHALL BE PROVIDED WITH A QUARTER-TURN SHUT-OFF VALVE BEFORE FINAL CONNECTION TO EQUIPMENT.
18. QUARTER-TURN SHUT-OFF VALVES SHALL BE INSTALLED UPSTREAM OF ANY INLINE BACKFLOW PREVENTION DEVICE.
19. ALL VALVES AND BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED WITH FITTINGS THAT FACILITATE REMOVAL IN CASE OF FAILURE.
20. ALL OVERHEAD WATER LINES SHALL BE INSULATED PER SCHEDULE THIS SHEET WITH EXTERNAL JACKETED INSULATION AND A MINIMUM INSTALLED R-VALUE OF 3.7.
21. PRIOR TO BUILDING TURNOVER, THE DOMESTIC WATER SUPPLY SYSTEM SHALL BE PURGED OF DELETERIOUS MATERIAL AND DISINFECTED. DISINFECTION SHALL BE DONE IN ACCORDANCE WITH THE LOCAL HEALTH CODE, PLUMBING CODE OR IN ACCORDANCE WITH AWWA C651 OR AWWA C652.

STORM DRAINAGE SYSTEMS:
1. ALL ROOF DRAINS SHALL BE SIZED IN ACCORDANCE WITH LOCAL CODES AND SHALL CONFORM TO ASME A112.21.2M OR A112.3.1.
2. ALL STORM DRAINAGE PIPING SHALL BE ABS, PVC TYPE DWV OR CAST-IRON WHERE REQUIRED BY CODE.
3. ALL SUSPENDED STORM DRAINAGE PIPE SUPPORT REQUIREMENTS SHALL BE THE SAME AS THE SANITARY AND VENT REQUIREMENTS.
4. ALL HORIZONTAL STORM DRAINAGE PIPE PITCH REQUIREMENTS SHALL BE THE SAME AS THE SANITARY AND VENT REQUIREMENTS.
5. ALL HORIZONTAL STORM DRAINAGE PIPE SHALL BE INSULATED WITH 1" THICK EXTERNAL JACKETED INSULATION AND A MINIMUM INSTALLED R-VALUE OF 3.7 TO PROTECT AGAINST CONDENSATION.
6. CLEANOUTS SHALL BE INSTALLED IN ALL HORIZONTAL STORM DRAINAGE PIPE AND SHALL BE LOCATED NOT MORE THAN 100 FT. APART.
7. CLEANOUTS SHALL BE INSTALLED AT ALL CHANGES OF DIRECTION GREATER THAN 45 DEGREES. WHERE MORE THAN ONE CHANGE OF DIRECTION OCCURS IN A SINGLE PIPE RUN, ONLY ONE (1) CLEANOUT SHALL BE REQUIRED FOR EVERY 40 FEET OF DEVELOPED LENGTH.
8. CLEANOUTS SHALL BE INSTALLED ON PIPES PRIOR TO ANY SLAB PENETRATION.
9. WHERE PIPING IS LOCATED WITHIN WALL CAVITIES, ACCESS TO THE CLEANOUTS SHALL BE PROVIDED.
10. ROOF DRAINS AND OVERFLOW ROOF DRAINS SHALL BE PIPED INDEPENDENTLY. OVERFLOW ROOF DRAINS SHALL NOT BE CONNECTED TO THE PRIMARY ROOF DRAINAGE SYSTEM.
11. MINIMUM PIPING INSULATION THICKNESS HEATING AND HOT-WATER SYSTEMS (STEAM, STEAM CONDENSATE, HOT-WATER HEATING AND DOMESTIC WATER SYSTEMS). PLEASE REFER TO THE LATEST EDITION OF IECC FOR MINIMUM PIPE INSULATION THICKNESS (TABLE C403.12.3)

PIPING	MINIMUM INSULATION THICKNESS (IN INCHES) PER NOMINAL PIPE OR TUBE SIZE				
NOMINAL PIPE SIZE	<1	1 TO 1.5	1.5 TO <4	4 TO <8	≥8
DOMESTIC COLD WATER (40°F TO 60°F)	0.5	0.5	1.0	1.0	1.0
TEMPERATE HOT WATER (105°F TO 140°F)	1.0	1.0	1.5	1.5	1.5
HOT WATER (141°F TO 200°F)	1.5	1.5	2.0	2.0	2.0
STORM DRAIN (HORIZONTAL)	–	–	1.0	1.0	1.0

LEGEND

— · — · —	COLD WATER PIPING
—·—·—·—	TEMPERED WATER PIPING (110°F)
— · · — · · —	HOT WATER PIPING (140°F)
— · · · — · · · —	RECIRCULATED HOT WATER PIPING
— — — —	OVERHEAD LINES (BY P.C.)
——SAN——	UNDERGROUND SANITARY PIPING
——GW——	UNDERGROUND GREASE WASTE PIPING
------------	VENT PIPING
——STS——	ABOVE GROUND STORM PIPING
– – –STS– – –	UNDERGROUND STORM PIPING
	HOSE BIBB
	CHECK VALVE
	BALL VALVE
	THERMOSTATIC MIXING VALVE
	FLOOR DRAIN
	CLEAN-OUT (FLOOR OR YARD)
	FLOOR SINK
	PRESSURE GUAGE
	LOW PRESSURE SWITCH
	HIGH PRESSURE SWITCH
	SOLENOID VALVE
	THREE-WAY VALVE
	PRESSURE REGULATOR
	DUAL CHECK VALVE OR RPZ
	DUAL CHECK VALVE WITH ATMOSPHERIC VENT
	STRAINER
	RELIEF VENT
	WATER-HAMMER ARRESTER

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

ABBREVIATIONS

ACM	AREA CONSTRUCTION MANAGER
AVB	ATMOSPHERIC VACUUM BREAKER
BSI	BEVERAGE SYSTEM INSTALLER
CO	CLEAN-OUT
DC	DOWNSPOUT COVER
DFU	DRAINAGE FIXTURE UNIT(S)
EC	ELECTRICAL CONTRACTOR
FAC	FIRE ALARM CONTRACTOR
FCO	FLOOR CLEAN-OUT
FD	FLOOR DRAIN
FPC	FIRE PROTECTION CONTRACTOR
FS	FLOOR SINK
GC	GENERAL CONTRACTOR
GI	GREASE INTERCEPTOR
GPF	GALLONS PER FLUSH
GPM	GALLONS PER MINUTE
GW	GREASE WASTE
HS	HAND SINK
I.P.S.	IRON PIPE SIZE (ALSO NPS)
KEI	KITCHEN EQUIPMENT INSTALLER
KES	KITCHEN EQUIPMENT SUPPLIER
LAV	LAVATORY
MC	MECHANICAL CONTRACTOR
MHT	MALE HOSE THREADS
MS	MOP SINK
NPS	NATIONAL PIPE THREAD STANDARD
NPT	NATIONAL PIPE THREAD TAPERED
O/O	OWNER/OPERATOR
OH	OVERHEAD
P	PUMP
PC	PLUMBING CONTRACTOR
RC	REFRIGERATION CONTRACTOR
RPZ	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER
SS	SANITARY SEWER
ST STS	STORM SEWER (PRIMARY) STORM SEWER (SECONDARY)
SVB	ANTI-SIPHON, SPILL RESISTANT VACUUM BREAKER
TAB	TEST AND BALANCE CONTRACTOR
UG	UNDERGROUND
UR	URINAL
V	VENT
WC	WATER CLOSET
WCO	WALL CLEAN-OUT
WSFU	WATER SUPPLY FIXTURE UNIT(S)
YC	YARD CLEAN-OUT

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	MMM
1	03/20/25	PLAN CHECK COMMENTS	MMM

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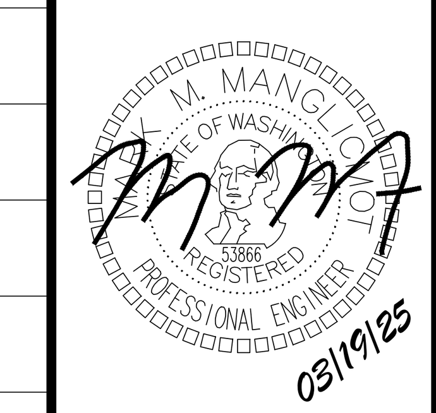


Seal

PREPARED FOR:

McDonald's USA, LLC

DRAWN BY MMM | STD ISSUE DATE 12/10/24 | REVIEWED BY MMM | DATE ISSUED 03/20/25

TITLE
2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

DESCRIPTION
2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID 046-1180 | SITE ADDRESS 2902 E Pioneer, Puyallup, WA 98372

046-1172.00.0

P4.0

GENERAL NOTES

MCD24092.0 – PUYALLUP, WA

COORDINATION SCHEDULE

GENERAL REQUIREMENTS	FURNISH	INSTALL	FINAL CONNECTION	NOTES
MECHANICAL PERMIT	MC			1–3
HOT WORK (WELDING) PERMIT (IF APPLICABLE)	MC			1–3
REFRIGERATION PERMIT (IF APPLICABLE)	KES			1–3
PLUMBING PERMIT	PC			1–3
ELECTRICAL PERMIT	EC			1–3
FIRE SPRINKLER PERMIT (IF APPLICABLE)	FPC			1–3
FIRE ALARM PERMIT (IF APPLICABLE)	FAC			1–3
CONTRACTOR COORDINATION REQUIREMENTS				
HEATING & AIR–CONDITIONING				
ROOFTOP UNITS, INTAKE AND RELIEF	MCD CP	MC		1–5, 17, 22
ROOF CURBS	MCD CP	MC		1–3, 20, 22
GAS PIPING AND GAS PIPE KIT	PC	PC	PC	1–3, 14, 22–23
CONTROLS WIRING	MC	EC	EC	1–3, 19, 22, 24
POWER WIRING	EC	EC	EC	1–3, 19, 22, 24
CONDENSATE TRAP	MC	PC		1–3, 22–23
CONDENSATE PIPING (IF APPLICABLE)	PC	PC		1–3, 22–23
DUCT–MOUNTED SMOKE DETECTOR	MC	MC	EC	1–3, 22, 24
GENERAL EXHAUST SYSTEMS				
EXHAUST FANS	MCD CP	MC		1–3, 17, 22
ROOF CURBS	MCD CP	MC		1–3, 22
CONTROLS (WHERE APPLICABLE)	MC	EC	EC	1–3, 22, 24
POWER WIRING	EC	EC	EC	1–3, 22, 24
TEMPERATURE CONTROLS				
BUILDING AUTOMATION SYSTEM	MCD CP	MC	EC	1–3, 22, 24
REMOTE SENSORS (RH AND/OR TEMPERATURE)	MC	MC	EC	1–3, 22, 24
CONTROLS WIRING (WHERE APPLICABLE)	MC	EC	EC	1–3, 22, 24
POWER WIRING	EC	EC	EC	1–3, 22, 24
DUCTWORK AND ACCESSORIES				
GALVANIZED SHEET METAL DUCTWORK	MC	MC		1–3, 22
EXTERNAL INSULATION	MC	MC		1–3, 22
INTERNAL INSULATION (IF APPLICABLE)	MC	MC		1–3, 22
WEATHERPROOFING (IF APPLICABLE)	MC	MC		1–3, 22
SPIN–IN COLLARS	MC	MC		1–3, 22
FLEXIBLE DUCTWORK	MC	MC		1–3, 22
VOLUME/BALANCING DAMPERS	MC	MC		1–3, 22
FIRE DAMPERS (IF APPLICABLE)	MC	MC		1–3, 22
FIRESTOPPING (IF APPLICABLE)	MC	MC		1–3, 22
AIR DEVICES AND ACCESSORIES	MC	MC	MC	1–3, 7, 22, 28
PLUMBING SYSTEMS				
WATER HEATERS	MCD CP	PC	PC	1–3, 11–12, 23
HOT AND COLD WATER PIPE	PC	PC	PC	1–3, 23
VENTS AND INTAKES	PC	PC	PC	1–3, 23
THERMOSTATIC MIXING VALVE	PC	PC	PC	1–3, 23
POWER AND CONTROL WIRING	EC	EC	EC	1–3, 23–24
KITCHEN EXHAUST SYSTEMS				
McDONALD'S BACKSHELF EXHAUST HOODS	KES	KEI		1–3, 6, 22, 27
CANOPY EXHAUST HOODS (IF APPLICABLE)	KES	KEI		1–3, 6, 22, 27
BLACK IRON DUCTWORK	KES	KEI		1–3, 6, 22
STAINLESS STEEL DUCTWORK (IF APPLICABLE)	KES	KEI		1–3, 6, 22
ALUMINUM DUCTWORK (IF APPLICABLE)	KES	KEI		1–3, 6, 22
UL LISTED DUCT WRAP	MC	MC		1–3, 6, 22
FIRE–RATED DUCT ENCLOSURE (IF APPLICABLE)	GC	GC		1–3, 6, 20, 22
EXHAUST FANS	MCD CP	MC		1–3, 6, 17, 22
ROOF CURBS	MCD CP	MC		1–3, 6, 20, 22
CURB EXTENSIONS	MC	MC		1–3, 6, 22
CONTROLS (WHERE APPLICABLE)	EC	EC	EC	1–3, 6, 22, 24
POWER WIRING	EC	EC	EC	1–3, 6, 22, 24
FIRE SUPPRESSION SYSTEM	KES	KES	KES	1–3, 16, 22, 27
KITCHEN EQUIPMENT				
COOLER/FREEZER	KES	GC		1–3, 27
EVAPORATOR COILS	KES	MC		1–3, 27
CONDENSATE PIPING	PC	PC	PC	1–3, 23, 27
REMOTE CONDENSING UNIT (MAC)	KES	MC		1–3, 22, 27
ROOF CURBS	MC	MC		1–3, 22
REFRIGERANT PIPING	KES	MC	MC	1–3, 22, 27
POWER WIRING	EC	EC	EC	1–3, 22, 24, 27
CONTROL WIRING	EC	EC	EC	1–3, 24, 27
PIPE PORTALS	MC	MC		1–3, 22
ICE MACHINES	KES	KEI		1–3, 27
WATER SUPPLY PIPING	KES	KEI	BSI	1–3, 27
REMOTE CONDENSING UNITS	KES	MC		1–3, 22, 27
ROOF CURBS	MC	MC		1–3, 22, 27
REFRIGERANT PIPING	KES	MC	MC	1–3, 22, 27
POWER WIRING	EC	EC	EC	1–3, 22, 24, 27
CONTROL WIRING	KES	EC	EC	1–3, 24, 27
PIPE PORTALS	MC	MC		1–3, 22
GRILLS	KES	KES		1–3, 27
GAS PIPING (IF APPLICABLE)	PC	PC	PC	1–3, 23, 27
POWER WIRING	EC	EC	EC	1–3, 24, 27
CONTROL CABLE (6' CLAMSHELL ONLY)	MC	EC	EC	1–3, 23, 24, 27
FRYERS	KES	KES		1–3, 27
GAS PIPING (IF APPLICABLE)	PC	PC	PC	1–3, 23, 27
POWER WIRING	EC	EC	EC	1–3, 24, 27
3–COMPARTMENT SINK	KES	KES		1–3, 12, 27
FAUCETS AND PRE–RINSE SPRAYER	KES	KES		1–3, 27
WATER SUPPLY PIPING	PC	PC	PC	1–3, 23, 27
SANITARY DRAIN PIPING	PC	PC	PC	1–3, 23, 27
HAND SINKS	MCD CP	PC		1–3, 23, 27
FAUCET	MCD CP	PC		1–3, 23, 27
WATER SUPPLY PIPING	PC	PC	PC	1–3, 23, 27
SANITARY DRAIN PIPING	PC	PC	PC	1–3, 23, 27
VEGETABLE SINK	KES	KES		1–3, 23, 27
FAUCET	KES	KES		1–3, 23, 27
WATER SUPPLY PIPING	PC	PC	PC	1–3, 23, 27
SANITARY DRAIN PIPING	PC	PC	PC	1–3, 23, 27
WASHING MACHINE	KES	KES		1–3, 23, 27
WATER SUPPLY PIPING	PC	PC	PC	1–3, 23, 27
SANITARY DRAIN PIPING	PC	PC	PC	1–3, 23, 27
WARE WASHER	KES	KES		1–3, 23, 27
WATER SUPPLY PIPING	PC	PC	PC	1–3, 23, 27
SANITARY DRAIN PIPING	PC	PC	PC	1–3, 23, 27
MISCELLANEOUS ITEMS				
FIRE SPINKLER SYSTEMS	FPC	FPC	FPC	1–3, 15, 25
HVAC EQUIPMENT START–UP	MC			1–3, 22
TEST, ADJUST AND BALANCE HVAC SYSTEMS	TAB			1–3, 22
DOOR GRILLES (IF APPLICABLE)	MC	GC		1–3, 20, 22
ROOF/WALL OPENINGS	GC			1–3, 20–24
APPLIANCE BACKFLOW PREVENTION	KES/BSI	PC	PC	1–3, 23, 27
CO2 DETECTION SYSTEM	KES/BSI	EC/BSI	EC/BSI	1–3, 22, 27

NOTES:

1. THIS SCHEDULE IS INTENDED AS A GUIDE FOR THE WORK TO BE PERFORMED. ALL WORK SHALL BE COORDINATED BETWEEN THE McDONALD'S AREA CONSTRUCTION MANAGER AND ALL GC AND O/O SUBCONTRACTORS.
2. ONE (1) COPY OF THE DECOR PACKAGE DRAWINGS SHALL BE SUPPLIED TO THE GENERAL CONTRACTOR AND EACH OF THE SUBCONTRACTORS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE SUBCONTRACTORS TO INSURE THAT THEY HAVE RECEIVED THE DECOR PACKAGE DRAWINGS.
3. FOR ANY WORK NOT CLARIFIED IN THIS SCHEDULE OR IN THE NOTES AND SPECIFICATIONS, PLEASE CONSULT THE McDONALD'S CONSTRUCTION MANAGER FOR SCOPE OF WORK.
4. ALL ROOFTOP UNIT EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR AND THE KITCHEN EQUIPMENT SUPPLIER SHALL BE ON SITE AT THE SAME TIME FOR A SINGLE CRANE LIFT. EQUIPMENT SITE ARRIVAL DATE SHALL BE COORDINATED BETWEEN THE CONSTRUCTION MANAGER, MECHANICAL CONTRACTOR AND KITCHEN EQUIPMENT SUPPLIER.
5. ALL ROOFTOP UNITS INSTALLED IN McDONALD'S RESTAURANTS SHALL BE HIGH EFFICIENCY EQUIPMENT. THE INSTALLATION OF STANDARD EFFICIENCY ROOFTOP UNITS IS PROHIBITED. PLEASE REFER TO THE LATEST EDITION OF IECC FOR HVAC EQUIPMENT PERFORMANCE REQUIREMENTS.
6. ALL KITCHEN EQUIPMENT REQUIRING EXHAUST SHALL BE INSTALLED IN ACCORDANCE WITH THESE PLANS. ANY VARIATION FROM THESE PLANS SHALL BE REPORTED TO THE CONSTRUCTION MANAGER AND THE ENGINEER–OF–RECORD.
7. WHERE GYPSUM BOARD CEILINGS ARE INSTALLED, THE MECHANICAL CONTRACTOR SHALL SUPPLY DRYWALL MOUNTING FRAMES FOR LAY–IN TYPE DIFFUSERS.
8. ALL WORK SHOWN ON P1.6 DRAWING(S) SHALL BE COMPLETED BY THE BEVERAGE SYSTEM INSTALLER (OR K.E.S.) UNLESS OTHERWISE NOTED IN THE PLUMBING DRAWINGS.
9. ALL WORK ON P1.0 & P1.2 DRAWING(S) SHALL BE BY THE PLUMBING CONTRACTOR.
10. THE BEVERAGE SYSTEM INSTALLER FURNISHES, RUNS AND CONNECTS ALL FLEXIBLE WATER AND SYRUP LINES FOR ALL AFFECTED EQUIPMENT INCLUDING THE FOLLOWING:
    A. HOT CHOCOLATE
    B. COFFEE BREWER
    C. ICE MACHINE
    D. O.J.
    E. SODA TOWERS
11. ALL WATER HEATERS INSTALLED IN McDONALD'S RESTAURANTS SHALL BE HIGH EFFICIENCY SEALED–COMBUSTION WATER HEATERS. THE INSTALLATION OF STANDARD EFFICIENCY GRAVITY–VENTED WATER HEATERS IS PROHIBITED. PLEASE REFER TO THE LATEST EDITION OF IECC FOR SERVICE WATER–HEATING EQUIPMENT PERFORMANCE EFFICIENCY REQUIREMENTS.
12. THE CONSTRUCTION MANAGER, PLUMBING CONTRACTOR AND KITCHEN EQUIPMENT SUPPLIER SHALL COORDINATE WHICH SOILED DISHWASHER (3–COMPARTMENT SINK) IS BEING INSTALLED IN THE RESTAURANT.
13. ALL GAS PIPING FOR COOKING EQUIPMENT SHALL TERMINATE IN THE CEILING PRIOR TO THE INSTALLATION OF THE PIPING CHASE. UPON INSTALLATION OF THE CHASE, THE GAS PIPING SHALL THEN BE CONTINUED IN THE CHASE FOR FINAL CONNECTION TO THE APPLIANCE.
14. ALL GAS PIPING FOR ROOFTOP EQUIPMENT SHALL BE BROUGHT UP THROUGH THE BASE OF THE UNIT TO MINIMIZE ROOF PENETRATIONS. WHERE THIS IS NOT POSSIBLE, THE PLUMBING CONTRACTOR SHALL PROVIDE THE NECESSARY PIPE PORTALS ON ROOF.
15. ALL FIRE PROTECTION DRAWINGS CONTAINED WITHIN THIS SET ARE STRICTLY FOR REFERENCE ONLY. FIRE SPRINKLER DRAWINGS SHALL BE DESIGNED AND PERMITTED BY A FIRE PROTECTION CONTRACTOR.
16. ALL AMEREX KITCHEN PROTECTION WET CHEMICAL FIRE SUPPRESSION SYSTEMS FOR TYPE I HOODS SHALL BE DESIGNED AND INSTALLED BY A LOCAL CERTIFIED AMEREX AGENT. THE USE OF DRY CHEMICAL SYSTEMS IS PROHIBITED. THE LOCAL AMEREX AGENT CONTRACT IS HANDLED THROUGH THE KITCHEN EQUIPMENT SUPPLIER.
17. ALL ROOFTOP UNITS AND EXHAUST FANS ARE SUPPLIED WITH A FACTORY–INSTALLED DISCONNECT SWITCH.
18. ELECTRICAL CONTRACTOR SHALL PROVIDE DISCONNECT SWITCHES FOR REMOTE CONDENSING UNITS.
19. ALL ELECTRICAL CONDUITS FOR ROOFTOP EQUIPMENT SHALL BE BROUGHT UP THROUGH THE BASE OF THE UNIT TO MINIMIZE ROOF PENETRATIONS. WHERE THIS IS NOT POSSIBLE, THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE NECESSARY PIPE PORTALS ON ROOF.
20. WALK–IN COOLER AND WALK–IN FREEZER REFRIGERATION SYSTEMS SHALL MEET THE PERFORMANCE REQUIREMENTS OUTLINED IN THE LATEST EDITION OF IECC. MINIMUM ANNUAL WALK–IN ENERGY FACTOR (AWEF) PROVIDED BY EQUIPMENT MANUFACTURER IS DETERMINED IN ACCORDANCE WITH AHRI 1250.
21. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
22. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
23. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
24. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
25. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
26. SEE FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
27. SEE FIRE ALARM DRAWINGS FOR ADDITIONAL INFORMATION.
28. SEE KITCHEN DRAWINGS FOR ADDITIONAL INFORMATION.
29. SEE DECOR DRAWINGS FOR ADDITIONAL INFORMATION.

PUMP SCHEDULE

TAG	MANUFACTURER	MODEL	HP	V	Ø	Hz	ACCESSORIES
P–1	GRUNDFOS	UP 15–18 B7	1/25	120	1	60	1–3

ACCESSORIES:
1. TIMECLOCK
2. AQUASTAT
3. CHECK VALVE

NOTES:
1. SEE ELECTRICAL DRAWINGS FOR TIMECLOCK WIRING
2. DESIGN: 2 GPM, 7 FT. HEAD
3. SEE DETAIL 6 ON DRAWING P3.0

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

EXPANSION TANK SCHEDULE

TAG	MANUFACTURER	MODEL	TOTAL VOL.	CONNECTION	ACCESSORIES
ET–1	AMTROL	ST–12	4.4 GAL.	¾"	–

NOTES:
1. SEE DETAIL 6 ON DRAWING P3.0

BACKFLOW PREVENTER SCHEDULE

TYPE	MFR.	MODEL	ASSE LISTING	SERVES	LOCATION
AG	FURN. WITH CHEM. SYS.		1055B	CHEMICAL SYSTEM	DIN. RM.–MOP SINK
AG	FURN. WITH CHEM. SYS.		1055B	CHEMICAL SYSTEM	KITCHEN–MOP SINK
AVB	FURN. WITH CHEM. SYS.		1001	CHEMICAL SYSTEM	SUPP. RM.–3–COMP
AVB	FURN. WITH FAUCET		–	MOP SINK FAUCET	SEE DRAWINGS
VB	FURN. WITH HB		1011	WALL HYDRANT	SEE DRAWINGS
DCV	FURN. WITH HB		1052	YARD HYDRANT	TRASH CORRAL
DCV	FURN. WITH HB		1052	ROOF HYDRANT	ROOF
DCV	WATTS	SD–3	1022	SPEC. COFFEE	
RPZ	WILKINS	375XL–SXL–AG	1013	INCOMING WATER	SUPPORT ROOM
~~RPZ~~	~~WILKINS~~	~~375XL–AG~~	~~1013~~	~~FILTRATION SYSTEM~~	~~SUPPORT ROOM~~
RPZ	WILKINS	375XL–AG	1013	BEVERAGE DISPENSERS	1

HEAT PUMP WATER HEATER SCHEDULE

TAG	MANUFACTURER	MODEL	SIZE GAL.	HEATING TYPE	HEATING KW	RECOV. 100°F ΔT GPH	ELECTRICAL VOLTS	ELECTRICAL Ø	ELECTRICAL Hz	ELECTRICAL F.L.A.
WH	LOCHINVAR	CHPA120PD	119	ELEC.	6	50	208	1	60	80

ACCESSORIES:
1. NSF INSTALLATION KIT

VALVE SCHEDULE

MANUFACTURER	MODEL	TEMP. SETTING	LISTING	SERVES
WATTS	LFMMV	110°F	ASSE 1017,1069,1070	CHEMICAL SYSTEM MIXING
WATTS	LFMMV	104°F	ASSE 1017,1069,1070	LAVS & HAND SINKS MIXING
ZURN	ZW3870XLT	104°F		
WATTS	LFUSG–B	110°F	ASSE 1016, 1070	VEGETABLE PREP. SINK MIXING
B & G	CB–1/2	–	–	RECIRC. SYSTEM BALANCING VALVE
NIBCO	585–70–HC	–	–	CHEMICAL SYSTEM SHUT–OFF
NIBCO	S–FP–600A–LF	–	–	RESTROOM SHUT–OFF
NIBCO	S–FP–600A–LF	–	–	COMBI OVEN WATER SHUT OFF
WATTS	LFFBV–PEX	–	–	COMBI OVEN RO WATER SHUT OFF

INTERCEPTOR SCHEDULE

1

TAG	DESCRIPTION	MANUFACTURER	MODEL	ACCESSORIES	NOTES
GI–1	EXTERIOR GREASE INTERCEPTOR	EXTERNAL PRECAST	1,500 GALLON	4" INLET, 4" OUTLET	1–2

NOTES:
1. SEE GREASE INTERCEPTOR NOTES AND ACCESSORIES ON DRAWING P4.0
2. GREASE INTERCEPTOR IS SIZED FOR CITY SEWER APPLICATIONS ONLY. DO NOT USE FOR SEPTIC FIELDS.

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	MODEL	WATER USE	ACCESSORIES/COMMENTS	
F–1	FAUCET FOR LAV–1	SLOAN ZURN	SF–2150 Z6950–XL–S–N–10S	0.5 GPM (0.08 GAL/10 SEC CYCLE)	FAUCET OPERATION: SENSOR	
F–2	FAUCET FOR MS–1	ZURN	Z843M4		FAUCET OPERATION: MANUAL SEE DETAIL 2 ON DRAWING P3.0	5' VINYL HOSE WALL HOOK
FCO	6x6 FLOOR CLEAN OUT	ZURN JAY R. SMITH	Z1400–SZ 4040		SEE DRAWINGS FOR PIPE SIZES SEE NOTE 8	
FD–1	6x6 FLOOR DRAIN WITH FUNNEL	ZURN JAY R. SMITH	Z415–SZ1 3510–F25		PIPE SIZE: 3" STRAINER SIZE: 6" NICKEL BRONZE	FUNNEL: ZURN Z329 SEE NOTE 8
FD–2	6x6 FLOOR DRAIN	ZURN JAY R. SMITH	Z415–SZ1 2005		PIPE SIZE: 3" STRAINER SIZE: 6" NICKEL BRONZE	FUNNEL: NONE SEE NOTE 8
FD–3	6x6 FLOOR DRAIN WITH FUNNEL	ZURN JAY R. SMITH	Z415–SZ1 3510–F25		PIPE SIZE: 4" STRAINER SIZE: 6" NICKEL BRONZE	FUNNEL: ZURN Z329 SEE NOTE 8
FD–4	6x6 FLOOR DRAIN	ZURN JAY R. SMITH	Z415–SZ1 2005		PIPE SIZE: 4" STRAINER SIZE: 6" NICKEL BRONZE	FUNNEL: NONE SEE NOTE 8
FS–1	12x12 FLOOR SINK WITH HALF–GRATE	ZURN JAY R. SMITH	ZN1901 3435		PIPE SIZE: 3" DOME STRAINER: ALUMINUM	GRATE: HALF – NICKEL–BRONZE SEE NOTE 8
FS–2	8x8 FLOOR SINK WITH HALF–GRATE	ZURN JAY R. SMITH	ZN1910 3415		PIPE SIZE: 3" DOME STRAINER: ALUMINUM	GRATE: HALF – NICKEL–BRONZE SEE NOTE 8
FS–3	8x8 FLOOR SINK	ZURN JAY R. SMITH	ZN1910 3415		PIPE SIZE: 3" DOME STRAINER: ALUMINUM	GRATE: FULL – NICKEL–BRONZE SEE NOTE 8
HB–1	WALL HYDRANT	WOODFORD ZURN JAY R. SMITH	B65 Z1320–EZ 5519		WALL CLAMP: ADJUSTABLE WALL THICKNESS: M/S = 9½" W/W = 13¾"	SEE NOTE 3
HB–2	YARD HYDRANT	WOODFORD	S4H		SEE NOTES 4 & 9	
HB–3	ROOF HYDRANT	WOODFORD	RHY2–MS		(NO DRAIN REQUIRED)	
HS–1	STAINLESS STEEL HAND SINK	ADVANCE TABCO	7–PS–61		FAUCET: INCLUDED WITH SINK	SEE NOTES 6 & 10
HS–2	STAINLESS STEEL HAND SINK – ADA	ADVANCE TABCO	7–PS–26		FAUCET: INCLUDED WITH SINK	SEE NOTES 6 & 10
LAV–1	LAVATORY	KOHLER SLOAN	K–2882–0 SS3021		FAUCET: F–1 TRUEBRO LAVGUARD2 MODEL #102–E–Z CORIAN COUNTER BY G.C.	SEE NOTE 10 SEE DETAIL 3 ON P3.0 SEE NOTE 11
MS–1	MOP SINK	FIELD FABRICATED ADVANCE TABCO	RECESSED – FLOOR (24x24x12) 9–OP–24FM		FAUCET: F–2 INCLUDES HOSE, HOSE BRACKET AND TWO (2) 24"Wx36"H WALL GUARDS SEE DETAIL 2 ON P3.0	
TD–1	TRENCH DRAIN	ZURN	Z886–DGC		CLASS A STAINLESS STEEL MESH SCREEN GRATE. NO–HUB BOTTOM OUTLET. BOTTOM DOME STRAINER. CLOSED END CAP	
UR–1	ADA WALL–HUNG URINAL	SLOAN ZURN –	SU–1009 Z5755 –	0.125 GPF	FLUSH VALVE: SLOAN SOLIS 8186 ZURN ZTR6203–ULF–LL ¾" I.P.S., 1" TOP SPUD	FLUSH VALVE OPERATION: SENSOR SEE NOTE 2
WB–1	WALL BOX FOR WASHING MACHINE	SIOUX CHIEF	696–2313		HAMMER ARRESTERS INCLUDED WITH BOX MOUNTING HEIGHT: 12" A.F.F.	SEE NOTE 7
WB–2	WALL BOX FOR WAREWASHER	SIOUX CHIEF	687–3PV		MOUNTING HEIGHT: 12" A.F.F.	SEE NOTE 7
WC–1	WATER CLOSET	SLOAN ZURN –	ST–2009 Z5655 –	1.28 GPF	FLUSH VALVE: SLOAN SOLIS 8111 ZURN ZTR6200EV–LL 1" I.P.S., 1½" TOP SPUD	FLUSH VALVE OPERATION: SENSOR SEAT: BEMIS MODEL 2155CT
WC–2	ADA WATER CLOSET	SLOAN ZURN –	ST–2029 ADA Z5665 –	1.28 GPF	FLUSH VALVE: SLOAN SOLIS 8111 ZURN ZTR6200EV–CC–LL 1" I.P.S., 1½" TOP SPUD	FLUSH VALVE OPERATION: SENSOR SEAT: BEMIS MODEL 2155CT
–	SOILED DISHTABLE (3–COMPARTMENT SINK)	–	–		ITEM: 151.46	SEE NOTE 7
~~–~~	~~VEGETABLE PREPARATION SINK~~	~~–~~	~~–~~		~~ITEM: 134.02~~	~~SEE NOTE 7~~
–	WAREWASHER	ECOLAB	QSR TSC WITH VAPOR VENT HOOD		ITEM: 152.05 WALL BOX: WB–2	SEE NOTE 7 (1)
–	~~WASHING MACHINE~~	–	–		~~ITEM: 223.07~~ WALL BOX: WB–1	~~SEE NOTE 7~~
WHA	WATER–HAMMER ARRESTER	SIOUX CHIEF	SERIES 650		–	SEE SHEET P1.2
ROOF DRAINS AND ACCESSORIES						
DC–1	OVERFLOW DOWNSPOUT COVER	ZURN JAY R. SMITH	Z199–SS 1770–BS		SEE DRAWINGS FOR PIPE SIZES BIRD SCREEN	SEE NOTE 8
RD–1 THRU RD–4	COMBINATION MAIN ROOF AND OVERFLOW DRAIN	ZURN	Z165		SEE DRAWINGS FOR PIPE SIZES ROOF OPENING: 30"x14"	SEE NOTE 8

NOTES:
1. SEE McDONALD'S PROJECT MANUAL FOR ADDITIONAL MANUFACTURERS
2. PLUMBING CONTRACTOR SHALL COORDINATE WITH G.C. TO PROVIDE BLOCKING FOR PROPER URINAL SUPPORT
3. PLUMBING CONTRACTOR SHALL COORDINATE WITH G.C. TO PROVIDE INTERIOR BLOCKING ON W/W BUILDING FOR WALL CLAMP
4. YARD HYDRANT IS FOR TRASH CORRAL – SEE SITE PLAN FOR LOCATION
5. PLUMBING CONTRACTOR SHALL ROUTE ⅜" DRAIN PIPE FROM HOSE BIBB TO NEAREST FLOOR DRAIN OR FLOOR SINK
6. PLUMBING CONTRACTOR SHALL COORDINATE WITH G.C. TO PROVIDE BLOCKING FOR PROPER SINK SUPPORT
7. SEE KITCHEN DRAWINGS FOR ADDITIONAL INFORMATION – PLUMBING CONTRACTOR SHALL COORDINATE INSTALLATION WITH K.E.S.
8. PLUMBING CONTRACTOR SHALL SPECIFY CONNECTION MATERIAL/TYPE WHEN ORDERING
9. PLUMBING CONTRACTOR SHALL SPECIFY BURY DEPTH WHEN ORDERING
10. PLUMBING CONTRACTOR SHALL PROVIDE GRID DRAIN, P–TRAP AND VALVE STOPS FOR ALL SINKS & LAVS
11. FOR ALTERNATIVE LAVATORY OPTIONS, SUCH AS MOLDED SINKS OR DECK MOUNTED HAND DRYER, PLEASE CONTACT USRD OR HUGHES DIRECTLY.

TO ORDER PLUMBING FIXTURES, CONTACT HUGHES SUPPLY:
E–MAIL:
MCDCOORD@HUGHESSUPPLY.COM
OR MCDCOORD@HAJOCA.COM

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	MMM
1	03/20/25	PLAN CHECK COMMENTS	MMM

Professional of Record:

PM DESIGN
Architectural Solutions Group

19401 40TH AVE W
SUITE 420
LYNNWOOD, WA 98036

MARK MANGLICMOT, P.E.
PHONE: (425) 516-7882
EMAIL: MMANGLICMOT@PMDGINC.COM

PRCNC20241917

M. MANGLICMOT, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER
03/19/25

Seal

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY: MMM
STD ISSUE DATE: 12/10/24
REVIEWED BY: MMM
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID: 046–1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

046–1172.00.0

P4.1
SCHEDULES

MCD24092.0 – PUYALLUP, WA

P:\SEA\04 MEP\MCDONALDS\MEP–MCD24092.0 – REBUILD – PUYALLUP, WA\03 CONSTRUCTION DOCUMENTS\PLUM.DWG 3/21/2025 10:15 AM MARK MANGLICMOT

KEY NOTES

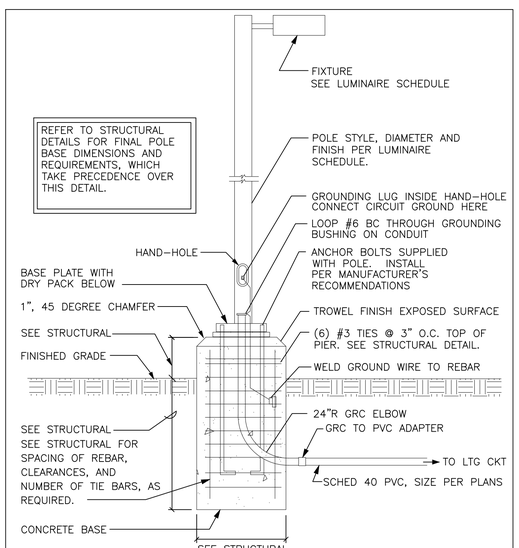
1. EC TO COORDINATE WITH CIVIL DRAWINGS FOR FINAL TRANSFORMER LOCATION AND WITH UTILITY WITHIN TWO WEEKS OF AWARDED CONTRACT TO VERIFY ALL POWER, TRENCHING, CONDUIT, FEEDER, AND METERING REQUIREMENTS PRIOR TO BID AND INSTALLATION.
2. PROPOSED LOCATION OF EXTERIOR NEMA3R METER/MAIN SWITCHBOARD. FIELD DETERMINE FINAL LOCATION AND METER REQUIREMENTS WITH UTILITY COMPANY FIRST AND THEN ARCHITECT PRIOR TO BID AND INSTALLATION.
3. PROPOSED ROUTING OF UNDERGROUND SERVICE CONDUCTORS. EC TO VERIFY ROUTING, TRENCHING, AND ALL OTHER REQUIREMENTS WITH UTILITY COMPANY PRIOR TO BID AND INSTALLATION.
4. INTERIOR NEMA 1 MAIN DISTRIBUTION SWITCHBOARD LOCATION.
5. LOOP DETECTOR IN SIDE BY SIDE DRIVE THRU ORDER LANE. SEE DETAILS A/E4.0
6. LOOP DETECTOR AT CASH/PRESENTER WINDOWS. SEE DETAILS B/E4.0
7. DETERMINE FINAL LOCATION WITH ARCHITECTURAL/CIVIL PLANS PRIOR TO ROUGH-IN.
8. EC TO ROUTE, AT MINIMUM 1" CONDUITS, WITH PULL STRING, FROM PANEL EV TO FUTURE EV READY STALL LOCATIONS. SEE PANEL EV FOR EV CHARGING CIRCUIT DESIGNATIONS AND LOADING INFORMATION. FIELD DETERMINE FINAL ROUTING OF CONDUITS AND TERMINATIONS PRIOR TO INSTALLATION.
9. EC TO PROVIDE 40/2P BREAKERS AND FEEDERS FROM PANEL EV TO EACH INSTALLED EV CHARGING STATION LOCATIONS. SEE PANEL EV SCHEDULE FOR EV CHARGING CIRCUIT DESIGNATIONS AND LOADING INFORMATION. FIELD DETERMINE FINAL ROUTING OF FEEDERS AND TERMINATIONS PRIOR TO INSTALLATION.

SITE LIGHTING FIXTURE SCHEDULE:

MARK	SYMBOL	DESCRIPTION	DIFFUSER	LAMPS		BALLAST	MOUNTING	MANUFACTURER AND CATALOG NUMBER
				WATTS	TYPE			
S3	○—□	SINGLE LAMP HEAD	TEMPERED GLASS	1-226.9W	LED	ELECTRONIC	18' POLE, 21" AFG VERIFY FINAL MOUNTING HEIGHT	SECURITY LIGHTING: RAR2-480L-240-5K7-4W EC TO COORDINATE WITH SECURITY LIGHTING FOR FINAL MODEL NUMBER AND CONTROLS

MLO, AIC: NOTES D6,D7,&D8, Mounting: Flush, NEMA 1 — **PANEL EV** — **225A, 208Y/120 VAC, 3PH, 4W, CB TYPE: BL or BLH**

WATTS A	WATTS B	WATTS C	DESCRIPTION	BRKR REQ	TRP PLS	CCT NO.	CCT NO.	TRIP PLS	BRKR REQ	DESCRIPTION	WATTS A	WATTS B	WATTS C
3328			EV Charger		40A-2	1	2	40A-2		Future EV Ready	3328		
	3328					3	4					3328	
		3328	EV Charger		40A-2	5	6			Space			0
3328						7	8			Space	0		
	0		Space			9	10			Space		0	
		0	Space			11	12			Space			0
0			Space			13	14			Space	0		
	0		Space			15	16			Space		0	
		0	Space			17	18			Space			0
0			Space			19	20			Space	0		
	0		Space			21	22			Space		0	
		0	Space			23	24			Space			0
0			Space			25	26			Space	0		
	0		Space			27	28			Space		0	
		0	Space			29	30			Space			0
0			Space			31	32			Space	0		
	0		Space			33	34			Space		0	
		0	Space			35	36			Space			0
0			Space			37	38			Space	0		
	0		Space			39	40			Space		0	
		0	Space			41	42			Space			0
										Total Connect	9984	6656	3328
										Connect Amps		55	Amps
										Demand Amps		55	Amps



SEE FIXTURE SCHEDULE FOR POLE HEIGHT

SITE LIGHTING POLE BASE

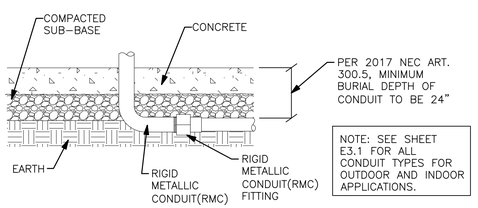
SCALE: NONE

2 / E0.1

Separate Electrical Permit is required with the Washington State Department of Labor & Industries.

https://lni.wa.gov/licensing-permits/electrical/electrical-permits-fees-and-inspections

or call for Licensing Information:
1-800-647-0982

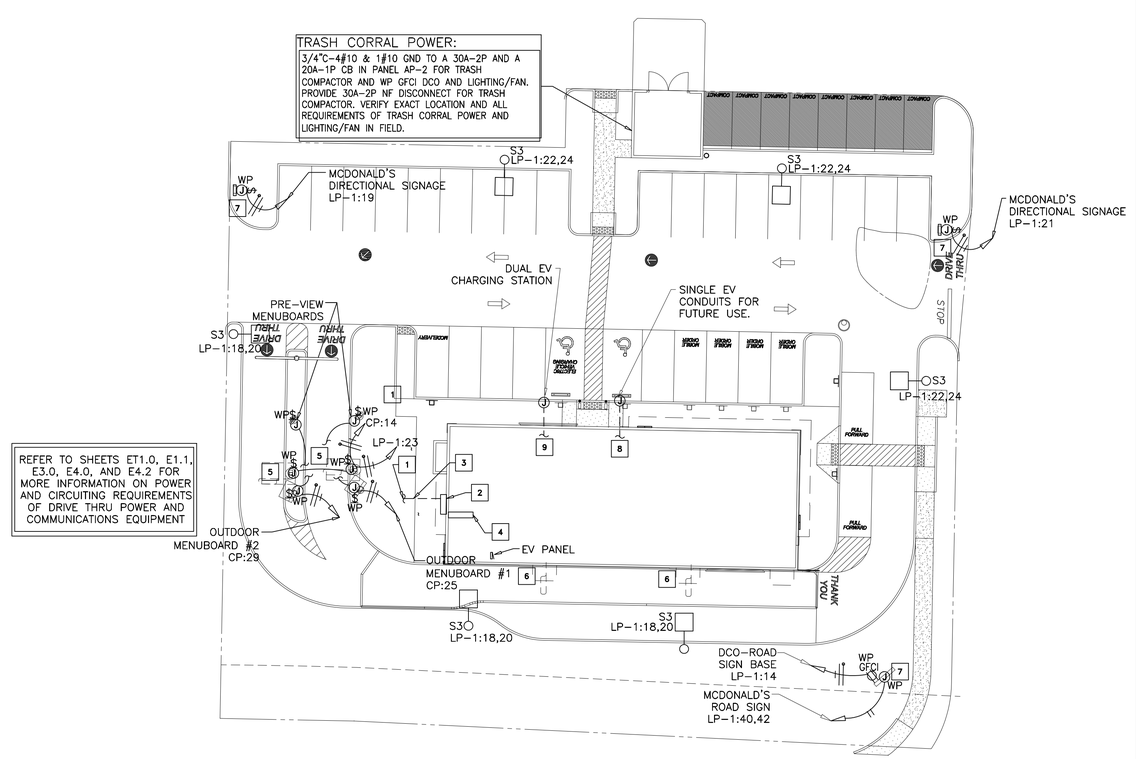


NOTE: SEE SHEET E3.1 FOR ALL CONDUIT TYPES FOR OUTDOOR AND INDOOR APPLICATIONS.

EXTERIOR CONDUIT DETAIL

3 / E0.1 — NTS

REFER TO SHEETS ET1.0, E1.1, E3.0, E4.0, AND E4.2 FOR MORE INFORMATION ON POWER AND CIRCUITING REQUIREMENTS OF DRIVE THRU POWER AND COMMUNICATIONS EQUIPMENT



ELECTRICAL SITE PLAN

1 / E0.1 — 1" = 20'

REV	DATE	DESCRIPTION	BY
		DESIGN REVIEW	JAY
A	12/10/24	PLAN CHECK COMMENTS	JAY
	03/20/25		

Professional of Record:
PM DESIGN Architectural Solutions Group
19401 40TH AVE W
SUITE 420
LYNNWOOD, WA 98036
JAMES YBARRA, P.E.
PHONE: (425) 409-2496
EMAIL: JYBARRA@PMDGINC.COM

PRCNC20241917

JAMES S. A. YBARRA — STATE OF WASHINGTON — 54387 — REGISTERED PROFESSIONAL ENGINEER

Seal 3/19/25

DRAWN BY	CHKD BY	ISSUE DATE	REVIEWED BY	DATE ISSUED
JAY		STD 12/10/24	JAY	03/20/25

TITLE: 2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA

DESCRIPTION:
2024 STANDARD BUILDING - WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID: 046-1172
SITE ADDRESS: 2902 E. Pioneer, Puyallup, WA 98372

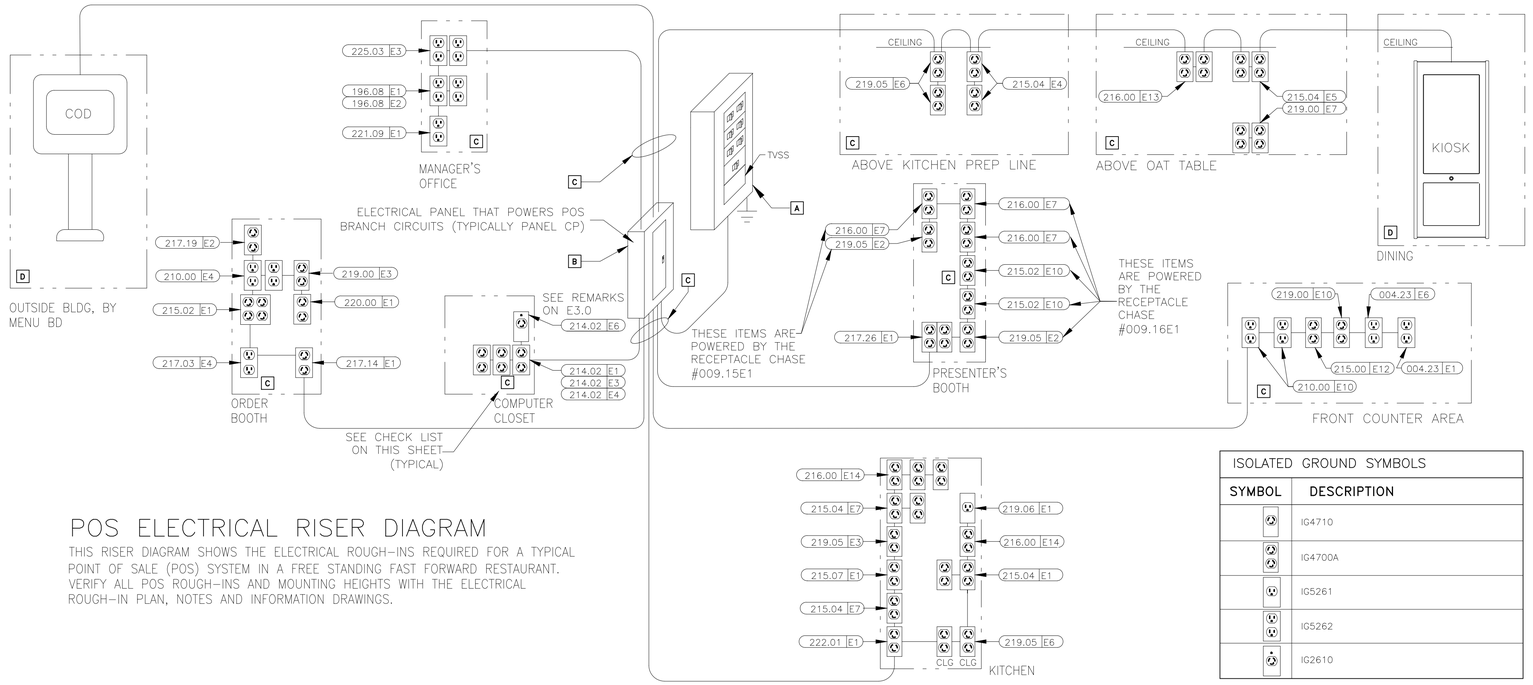
046-1172.00.0

E0.1
ELEC SITE PLAN

MCD24092.0 - PUYALLUP, WA

P:\SEA\04 MEP\MCDONALDS\MEP-MCD24092.0 - REBUILD - PUYALLUP, WA\03 CONSTRUCTION DOCUMENTS\ELEC SITE.DWG 3/21/2025 12:13 PM JAMES YBARRA

THE PURPOSE OF THIS SHEET IS TO PROVIDE A CHECKLIST AND VISUAL GUIDE SO THE INSTALLING EC CAN VERIFY THE WORK IS IN COMPLIANCE WITH MCDONALD'S SPECIFICATIONS THAT ARE CRITICAL TO THE PROPER FUNCTIONING OF OUR POINT OF SALE (POS) COMPUTER SYSTEMS.



POS ELECTRICAL RISER DIAGRAM

THIS RISER DIAGRAM SHOWS THE ELECTRICAL ROUGH-INS REQUIRED FOR A TYPICAL POINT OF SALE (POS) SYSTEM IN A FREE STANDING FAST FORWARD RESTAURANT. VERIFY ALL POS ROUGH-INS AND MOUNTING HEIGHTS WITH THE ELECTRICAL ROUGH-IN PLAN, NOTES AND INFORMATION DRAWINGS.

ISOLATED GROUND SYMBOLS	
SYMBOL	DESCRIPTION
	IG4710
	IG4700A
	IG5261
	IG5262
	IG2610

LOW VOLTAGE CABLE MANAGEMENT SPECIFICATION

GENERAL/MATERIALS

1. THE GC OR EC SHALL FURNISH AND INSTALL A COMPLETE LOW VOLTAGE CABLE MANAGEMENT SYSTEM UTILIZING CADDY-ERICO TYPE CAT-32 J-HOOK SUPPORTS (2-INCH DIAMETER LOOP MINIMUM). ALL J-HOOKS SHALL;
   - HAVE A MINIMUM BEARING SURFACE OF 1⅜",
   - HAVE FLARED EDGES TO PREVENT DAMAGE TO HIGH PERFORMANCE CABLES,
   - HAVE AN ELECTRO-GALVANIZED FINISH,
   - HAVE 3/8" WIDE CABLE RETAINING STRAPS,
   - BE UL LISTED AND LABELED,
   - BEAR THE UL SYMBOL MARKING ON THE PART FOR IDENTIFICATION
   - BE INSTALLED PER THE MANUFACTURERS INSTALLATION INSTRUCTIONS.
2. THE ENTIRE INSTALLATION SHALL BE IN COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE (NEC), NEC SECTION 800, BICSI STANDARDS 568 & 569, ALL APPLICABLE NATIONAL, STATE, LOCAL, AND SAFETY CODES, AND McDONALD'S SPECIFICATIONS.

INSTALLATION

1. LOW VOLTAGE J-HOOK CABLE PATHWAY (FOR POS CABLING SYSTEM) SHALL BE PROVIDED FROM THE MANAGERS OFFICE (OR COMPUTER CLOSET) DATA CONDUIT STUB-UP LOCATION TO THE FOLLOWING DATA CONDUIT STUB-UP LOCATIONS (AS APPLICABLE):
   - FRONT COUNTER.
   - PRESENTER'S BOOTH.
   - CASHIERS BOOTH.
   - THIRD DRIVE-THRU WINDOW(IF PRESENT).
   - CREW ROOM.
   - VALENCE WALL.
   - REMOTE ORDERING STATIONS.
   - NETPOP TELEPHONE PANEL LOCATION.
   - KIOSK
   - DIGITAL MERCHANDISER

   CABLE SUPPORTS SHALL BE PROVIDED WITHIN 24 INCHES OF THESE STUB-UP LOCATIONS. ALL STUB-UP CONDUITS SHALL BE PROVIDED WITH AN INSULATED BUSHING TO PROTECT CABLES DURING INSTALLATION.
2. THE LOCATION AND ROUTING OF THE LOW VOLTAGE CABLE MANAGEMENT SYSTEM SHALL BE COORDINATED WITH ALL OTHER CONSTRUCTION TRADES PRIOR TO INSTALLATION TO AVOID CONFLICTS WITH THE OTHER TRADES FINAL INSTALLATIONS, BOTH BEFORE AND AFTER THE CABLE MANAGEMENT SYSTEM AND THE POS CABLING ARE INSTALLED. FINAL INSTALLATION LOCATION SHALL BE READILY ACCESSIBLE TO ALLOW FOR EASE IN INSTALLATION OF THE POS CABLING BY THE POS VENDOR'S INSTALLER.
3. LOW VOLTAGE J-HOOK CABLE SUPPORTS AND APPURTENANCES SHALL BE FASTENED TO THE BUILDING STRUCTURAL AND/OR FRAMING MEMBERS. LOW VOLTAGE J-HOOK CABLE SUPPORTS SHALL NOT BE FASTENED OR UTILIZE THE CEILING GRID SUSPENSION WIRES OR T-BAR GRID FOR INSTALLATION. CONTRACTOR SHALL PROVIDE ALL NECESSARY BRACKETS, HANGERS, RODS, CLAMPS, FLANGES, SUPPORTS, ETC. FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM. THE INSTALLATION OF THE LOW-VOLTAGE CABLE MANAGEMENT SYSTEM SHALL BE DONE SO THAT THE ROUTING OF THE CABLES IS PARALLEL TO AND/OR PERPENDICULAR TO FRAMING AND STRUCTURAL BUILDING MEMBERS.
4. LOW VOLTAGE J-HOOK **CABLE SUPPORTS** SHALL BE INSTALLED A MAXIMUM OF 36 INCHES APART, AT TRANSITION LOCATIONS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL J-HOOKS TO ALLOW FOR A MINIMUM ONE-FOOT RADIUS BEND AND FOR ADDITIONAL CABLE SUPPORT AT THESE TRANSITION POINTS.
5. TO AVOID **ELECTROMAGNETIC INTERFERENCE** (EMI), ALL PATHWAYS SHALL PROVIDE A MINIMUM CLEARANCE OF 4 FEET (1.2 METERS) FROM MOTORS AND TRANSFORMERS AND A MINIMUM CLEARANCE OF 1 FOOT (0.3 METERS) FROM CONDUIT AND CABLES UTILIZED FOR ELECTRICAL POWER DISTRIBUTION, AND OTHER NON-POS LOW VOLTAGE CONDUCTORS.
6. ANY **CEILING TILES** IN THE AREA WHERE THE LOW-VOLTAGE CABLE MANAGEMENT SYSTEM IS LOCATED SHALL NOT BE INSTALLED UNTIL THE POS VENDOR'S CONTRACTOR COMPLETES THE INSTALLATION OF ALL POS CABLING.
7. ALL NON-POS LOW VOLTAGE CABLING SHALL BE INSTALLED IN A SEPARATE CABLE MANAGEMENT SYSTEM INDEPENDENT OF THE LOW-VOLTAGE CABLE MANAGEMENT SYSTEM UTILIZED FOR THE POS CABLING.
8. THE POS INSTALLER SHALL BE RESPONSIBLE TO FURNISH AND INSTALL ALL LOW VOLTAGE CABLING REQUIRED FOR THE COMPLETE AND FULLY FUNCTIONAL OPERATION OF THE POS SYSTEM. ALL POS CABLING SHALL BE INSTALLED WITHIN THE LOW-VOLTAGE CABLE MANAGEMENT SYSTEM.
9. GENERAL CONTRACTOR TO COORDINATE WITH POS INSTALLER. POS INSTALLER TO PERFORM POS CABLE INSTALLATION PRIOR TO CLOSING OF WALLS AND CEILING.

ELECTRICAL POS CERTIFICATION

AS OF THE DATE BELOW, I HEREBY CERTIFY THAT ALL ELECTRICAL WORK, ELECTRICAL SERVICE AND ELECTRICAL SYSTEMS, MATERIALS AND LABOR RELATED TO THE POS ELECTRICAL INSTALLATION IN WHICH THE UNDERSIGNED ARE DIRECTLY OR INDIRECTLY RESPONSIBLE HAVE BEEN PROPERLY INSTALLED IN FULL COMPLIANCE WITH ALL CONSTRUCTION DOCUMENTS AND ALL NFPA, BUILDING, ELECTRICAL AND OTHER APPLICABLE CODES, ALONG WITH ALL OF THE REQUIREMENTS OUTLINED ON THIS DRAWING. I FURTHER CERTIFY THAT THE ELECTRIC SERVICE POWERING THE POS SYSTEM HAS BEEN PROPERLY INSTALLED BY A QUALIFIED ELECTRICIAN. SKILLED, KNOWLEDGEABLE AND TRAINED TO INSTALL ALL THE REQUIRED ELECTRICAL DISTRIBUTION COMPONENTS NECESSARY TO POWER THE POINT OF SALE (POS) SYSTEM.

GENERAL CONTRACTOR: _____

BY: _____

DATE: _____

ELECTRICAL CONTRACTOR: _____

BY: _____

DATE: _____

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning | Engineering | Public Works | Fire | Traffic

ALL WORK IS NOT CONSIDERED TO MEET MCDONALD'S SPECIFICATIONS UNTIL THE INSTALLED ELECTRICAL SYSTEM SUPPORTS A "YES" ANSWER FOR ALL QUESTIONS ASKED.

AS PART OF THIS PROCESS, THE EC AND THE GC WILL BE REQUIRED TO SIGN THE ELECTRICAL CERTIFICATION DOCUMENT INDICATING THAT THE INSTALLED ELECTRICAL SYSTEM MEETS MCDONALD'S SPECIFICATIONS.

NOTICE:
CHANGES SHALL NOT BE MADE TO THE POS ELECTRICAL SYSTEM AFTER THE POS EQUIPMENT HAS BEEN INSTALLED WITHOUT FIRST NOTIFYING THE POS VENDOR.

IF CHANGES ARE MADE TO THE POS ELECTRICAL SYSTEM **AFTER** THE CERTIFICATION PROCESS HAS BEEN COMPLETED, THEN A SYSTEM RE-CERTIFICATION SHALL BE REQUIRED.

REWORK ELECTRICAL SYSTEM TO BRING INTO COMPLIANCE WITH MCDONALD'S SPECIFICATIONS

START HERE

A VISUALLY INSPECT THE MAIN ELECTRICAL PANEL (MDP)

YES	NO	N/A		
☐	☐	☐	1.	IS AN **EQUIPMENT GROUND BAR** INSTALLED SUCH THAT IT IS ELECTRICALLY **CONNECTED** TO THE PANEL?
☐	☐	☐	2.	DO ALL NEUTRAL CONDUCTORS TERMINATE ONLY TO THE NEUTRAL BAR?
☐	☐	☐	3.	DO ALL EQUIPMENT GROUND CONDUCTORS TERMINATE ONLY TO THE EQUIPMENT GROUND BAR?
☐	☐	☐	4.	DOES THE ISOLATED GROUND CONDUCTOR (GREEN W/YELLOW STRIPE) TERMINATE ON THE EQUIPMENT GROUND BAR?
☐	☐	☐	5.	IS THERE AN APPROPRIATE ELECTRICAL CONNECTION (BOND) BETWEEN THE NEUTRAL BAR AND THE EQUIPMENT GROUND BAR?
☐	☐	☐	6.	DOES THE GROUNDING SYSTEM COMPLY WITH MCDONALD'S "BUILDING ELECTRICAL GROUNDING DETAIL"?
☐	☐	☐	7.	IS A SURGE PROTECTOR INSTALLED THAT COMPLIES WITH MCDONALD'S "TVSS INSTALLATION GUIDE" OR DETAIL?
☐	☐	☐	8.	ARE ALL ELECTRICAL CONNECTIONS (WIRING & BUSING) PROPERLY TIGHTENED?
☐	☐	☐	9.	ARE ALL CIRCUIT BREAKERS CLEARLY LABELED?

B VISUALLY INSPECT THE PANEL "CP" THAT POWERS POS

YES	NO	N/A		
☐	☐	☐	1.	IS AN **EQUIPMENT GROUND BAR** INSTALLED SUCH THAT IT IS ELECTRICALLY **CONNECTED** TO THE PANEL?
☐	☐	☐	2.	IS AN **ISOLATED GROUND BAR** INSTALLED SUCH THAT IT IS ELECTRICALLY **INSULATED** FROM THE PANEL?
☐	☐	☐	3.	DO ALL NEUTRAL CONDUCTORS TERMINATE ONLY TO THE NEUTRAL BAR?
☐	☐	☐	4.	DO ALL EQUIPMENT GROUND CONDUCTORS TERMINATE ONLY TO THE EQUIPMENT GROUND BAR?
☐	☐	☐	5.	DO ALL ISOLATED GROUND CONDUCTORS (GREEN W/YELLOW STRIPE) TERMINATE ONLY TO THE ISOLATED GROUND BAR?
☐	☐	☐	6.	ARE ALL ELECTRICAL CONNECTIONS (WIRING & BUSING) PROPERLY TIGHTENED?
☐	☐	☐	7.	ARE ALL POS AND COD CIRCUIT BREAKERS ON THE SAME PANEL?
☐	☐	☐	8.	ARE ALL CIRCUIT BREAKERS CLEARLY LABELED?
☐	☐	☐	9.	DO ALL POS & COD CIRCUIT BREAKERS HAVE A LOCKING MECHANISM ON THEIR HANDLES TO PREVENT THEM FROM BEING SHUT OFF BY MISTAKE?
☐	☐	☐	10.	DOES THE FEEDER CIRCUIT FOR THIS SUBPANEL CONTAIN PHASE, NEUTRAL ONE EQUIPMENT GROUND AND ONE ISOLATED GROUND CONDUCTORS THAT ARE PROPERLY TERMINATED (SEE POS & COD ISO GND/DED CKT DETAIL)?

VISUALLY INSPECT ALL REMAINING ELECTRICAL SUBPANELS

YES	NO	N/A		
☐	☐	☐	1.	IS AN **EQUIPMENT GROUND BAR** INSTALLED SUCH THAT IT IS ELECTRICALLY **CONNECTED** TO THE PANEL?
☐	☐	☐	2.	DO ALL NEUTRAL CONDUCTORS TERMINATE ONLY TO THE NEUTRAL BAR?
☐	☐	☐	3.	DO ALL EQUIPMENT GROUND CONDUCTORS TERMINATE ONLY TO THE EQUIPMENT GROUND BAR?
☐	☐	☐	4.	ARE ALL ELECTRICAL CONNECTIONS (WIRING & BUSING) PROPERLY TIGHTENED?
☐	☐	☐	5.	ARE ALL CIRCUIT BREAKERS CLEARLY LABELED?
☐	☐	☐	6.	DOES THE FEEDER CIRCUIT FOR THIS SUBPANEL CONTAIN PHASE, NEUTRAL AND ONE EQUIPMENT GROUND CONDUCTORS THAT ARE PROPERLY TERMINATED? (SEE BUILDING ELECTRICAL GROUNDING DETAIL)

C VISUALLY INSPECT THE POS BRANCH CIRCUITS

YES	NO	N/A		
☐	☐	☐	1.	ARE THE POS BRANCH CIRCUITS ROUTED IN THEIR OWN CONDUIT BY THEMSELVES?
☐	☐	☐	2.	IF THE POS BRANCH CIRCUIT IS ROUTED ABOVE GRADE, IS IT IN A METALLIC CONDUIT?
☐	☐	☐	3.	DOES EACH POS BRANCH CIRCUIT CONTAIN: ONE PHASE (BLACK COLORED INSULATION) ONE NEUTRAL (WHITE COLORED INSULATION) ONE EQUIPMENT GROUND (GREEN COLORED INSULATION) ONE ISOLATED GROUND (GREEN W/YELLOW STRIPE COLORED INSULATION).
☐	☐	☐	4.	DO ALL POS BRANCH CIRCUITS TERMINATE AT EITHER AN IG4700, IG4710, IG5261, IG5262 RECEPTACLES OR ANY COMBINATION OF THESE?
☐	☐	☐	5.	ARE ALL ELECTRICAL TERMINATIONS TO IG RECEPTACLES MADE WITH SOLID #12 AWG WIRE CAPTURED AROUND THE SCREW BARREL AND SUITABLY TIGHTENED?
☐	☐	☐	6.	ARE ALL BRANCH CIRCUIT CONNECTIONS PROPERLY TIGHTENED?
☐	☐	☐	7.	ARE THE CORRECT AMOUNT AND TYPE OF IG RECEPTACLES PROVIDED AS SHOWN IN THE ELECTRICAL ROUGH-IN PLAN, NOTES AND INFORMATION?
☐	☐	☐	8.	DO ALL POS RECEPTACLES HAVE ORANGE "COMPUTER ONLY" COVERPLATES?
☐	☐	☐	9.	DO ALL POS BRANCH CIRCUITS COMPLY WITH THE "POS & COD ISOLATED GROUND/DEDICATED CIRCUIT DETAIL?

D VISUALLY INSPECT THE POS BRANCH CIRCUIT FOR THE COD & KIOSK

YES	NO	N/A		
☐	☐	☐	1.	ARE THE COD AND KIOSK BRANCH CIRCUITS ROUTED IN THEIR OWN CONDUIT BY THEMSELVES?
☐	☐	☐	2.	DOES EACH COD AND KIOSK BRANCH CIRCUIT CONTAIN: – ONE PHASE (BLACK COLORED INSULATION), – ONE NEUTRAL (WHITE COLORED INSULATION), – ONE EQUIPMENT GROUND (GREEN COLORED INSULATION), – ONE ISOLATED GROUND (GREEN W/YELLOW STRIPE COLORED INSULATION).
☐	☐	☐	3.	ARE THE COD(S) AND KIOSK(S) POWERED FROM THE SAME PANEL AS THE POS?
☐	☐	☐	4.	DO THE BREAKERS FOR THE COD(S) AND KIOSK(S) HAVE A LOCKING MECHANISM ON THEIR HANDLES THAT WILL PREVENT IT FROM BEING SHUT OFF?
☐	☐	☐	5.	DO THE COD BRANCH CIRCUIT(S) COMPLY WITH THE "POS & COD ISOLATED GROUND/DEDICATED CIRCUIT DETAIL?

ARE **ALL** BOXES CHECKED "YES"?
NO
YES
FINISHED

REV	DATE	DESCRIPTION	BY
		DESIGN REVIEW	JAY
A1	12/10/24	PLAN CHECK COMMENTS	JAY
A1	03/20/25		

Professional of Record:
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PRCNC20241917

JAMES A. YBARRA — STATE OF WASHINGTON — 24300 — REGISTERED PROFESSIONAL ENGINEER

3/19/25

Seal

PREPARED FOR:

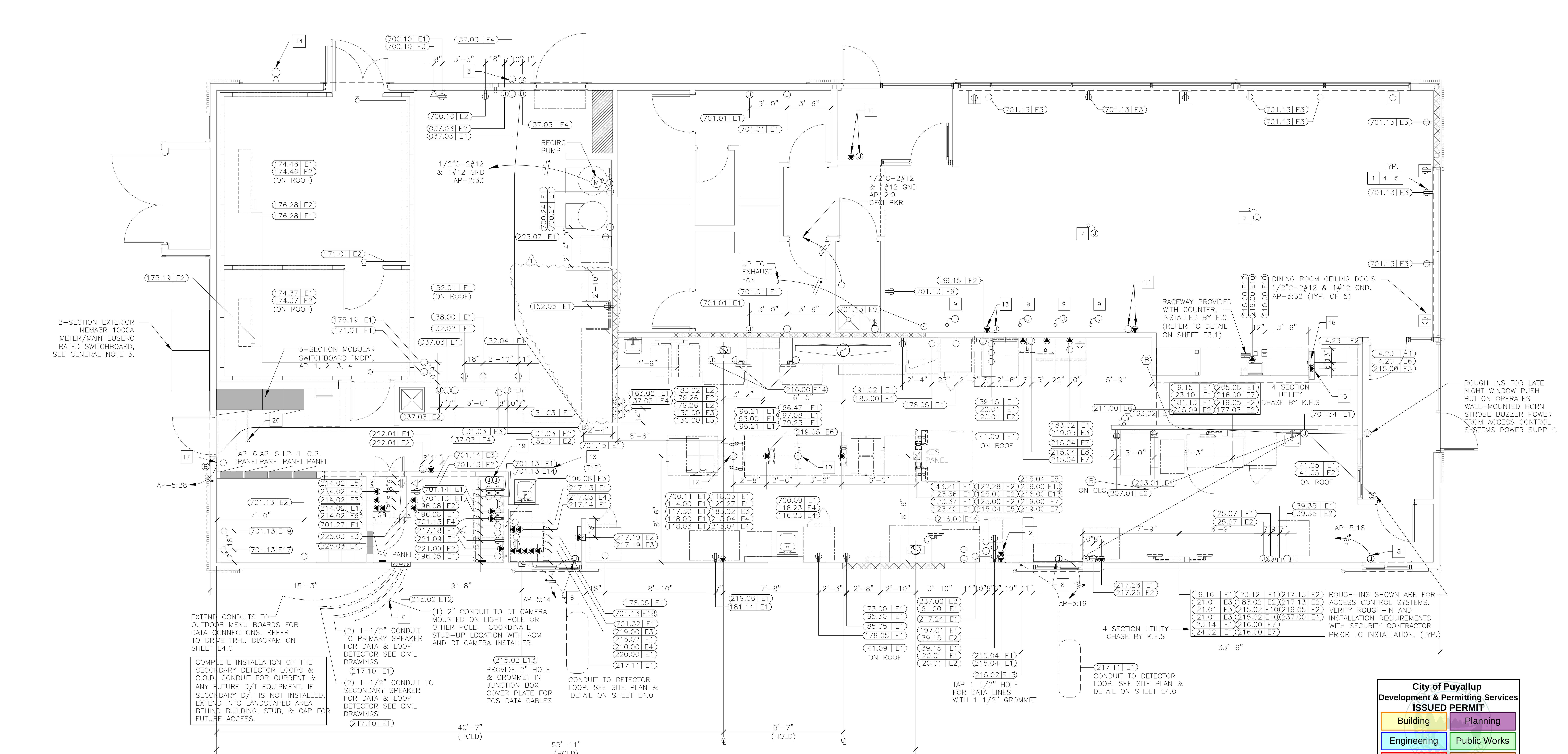
DRAWN BY: JAY | STD. ISSUE DATE: 12/10/24
REVIEWED BY: JAY | DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING - WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1172 | SITE ADDRESS: 2902 E. Pioneer, Puyallup, WA 98372

046-1172.00.0
E1.0
POS RISER DIAGRAM

MCD24092.0 - PUYALLUP, WA

P:\SEA\04 MEP\MCDONALDS\MEP-MCD24092.0 - REBUILD - PUYALLUP, WA\03 CONSTRUCTION DOCUMENTS\ELEC.DWG 3/21/2025 12:13 PM JAMES YBARRA



1 E1.1 ELECTRICAL ROUGH-IN PLAN
1/4" = 1'-0"

SYMBOLS AND ABBREVIATIONS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SINGLE POLE SWITCH, 3W=THREE WAY SWITCH, K=KEYED SWITCHED, VS=VACANCY SENSOR	(B)	BUZZER
T	MANUAL SWITCH (T=THERMAL OVERLOADS)	(B)	BUTTON FOR BUZZER
[T]	TRANSFORMER		PULLBOX
	JB WITH DUPLEX CONVENIENCE OUTLET (FLUSH WITH CEILING)		PANELBOARD
	JB WITH SINGLE CONVENIENCE OUTLET		CIRCUIT BREAKER
	JB WITH DUPLEX CONVENIENCE OUTLET	A	AMPERES
	JB WITH TWO DUPLEX CONVENIENCE OUTLETS	ACM	AREA CONSTRUCTION MANAGER
	JB WITH SPECIAL PURPOSE OUTLET	AFF	ABOVE FINISHED FLOOR
	JB WITH ISOLATED GROUND OUTLET =IG4700A, =IG5262, = IG4710, =IG5261,	C	CONDUIT
		CCT	CIRCUIT
	INTERCOM STATION W/ 3/4"C- TO MAIN STATION	EC	ELECTRICAL CONTRACTOR
	TELEPHONE JACK	GC	GENERAL CONTRACTOR
(J)	JUNCTION BOX - WALL OR CEILING MOUNTED	GFI/GFCI	GROUND FAULT CIRCUIT INTERRUPTER
	DISCONNECT SWITCH	GND	GROUND
(S)	STUB UP THRU ROOF	IG	ISOLATED GROUND
(T)	THERMOSTAT SENSOR W/ 1/2"C- UP TO CEILING SPACE	JB	JUNCTION BOX
(M)	MOTOR CONNECTION	KES	KITCHEN EQUIPMENT SUPPLIER
	CONDUIT RUN CONCEALED IN CEILING OR WALLS	MLO	MAIN LUGS ONLY
	CONDUIT RUN IN FLOOR SLAB	WP	WEATHERPROOF
	HOT (SHORT), NEUTRAL (LONG), EQUIP GRD (LONG WITH DOT), & & 'X' DENOTES ISOLATED GRD	(CO)	CARBON MONOXIDE SENSOR
	J-BOX WITH FINAL EQUIPMENT CONNECTION	[GB]	GROUND BUS TERMINAL
(OS)	CEILING MOUNTED OCCUPANCY SENSOR	(DS)	DAYLIGHT SENSOR

ADT ROUGH-IN NOTES

1. COORDINATE EXACT INSTALLATION REQUIREMENTS WITH ADT PRIOR TO INSTALLATION TEL. 800-417-8238
2. EC SHALL PROVIDE A 2 GANG 3 25/32" X 3 25/32" X 3 1/2"D JUNCTION BOX AT DOOR FOR INSTALLATION OF DOOR ALARM UNIT. STUB 1/2"C ABOVE CEILING FROM JUNCTION BOX. PROVIDE 1/2"C FROM J-BOX TO DOOR MAGNETIC SWITCH LOCATION.
3. EC SHALL PROVIDE 4" X 4" JUNCTION BOX ABOVE CEILING FOR INSTALLATION OF LOW VOLTAGE TRANSFORMER. VERIFY EXACT LOCATION WITH ADT PRIOR TO INSTALLATION. PROVIDE 1/2"C-2#12 TO LOCKOUT TYPE CB IN PANEL LP-1.

GENERAL NOTES

1. SEE SHEET E3.0 FOR PANEL & CIRCUIT BREAKER ASSIGNMENT, VOLT/PH, FLA, BREAKER SIZE, COND/WIRE, RECEPTACLE TYPE, HEIGHT ABOVE FINISHED FLOOR, REQUIREMENTS & REMARKS FOR ALL ELECTRICAL EQUIPMENT.
2. SEE LOW VOLTAGE CABLE MANAGEMENT SPECIFICATION ON SHEET E1.0 FOR POS, DATA, AND SOUND SYSTEM REQUIREMENTS.
3. GC/EC SHALL COORDINATE LOCATION AND ALL REQUIREMENTS OF EUSERC RATED SWITCHBOARD WITH LOCAL UTILITY COMPANY. SWITCHBOARD SHALL NOT BE INSTALLED ON D/T SIDE OF BUILDING. GC SHALL PAINT TO MATCH BUILDING COLOR, IF APPLICABLE.

KEY NOTES

[1] TAMPER RESISTANT GFCI DUPLEX RECEPTACLE IN PUBLIC AREAS. EC SHALL PROVIDE HUBBELL GFTRST* ("*": AL=ALMOND, BK=BLACK, -=BROWN, GY=GRAY, I=IVORY, LA=LIGHT ALMOND, R=RED, W=WHITE). SPECIFIED RECEPTACLE BECOMES DE-ENERGIZED UPON FAILURE OF GFCI DEVICE. NO SUBSTITUTIONS.(TYPICAL)

[2] SEE POS ELECTRICAL RISER DIAGRAM ON SHEET E1.0. (TYPICAL)

[3] EC TO FURNISH AND INSTALL A FLUSH MOUNTED JUNCTION BOX WITH WEATHERPROOF GASKET AND OUTDOOR WEATHERPROOF, 24 VOLT CO2 HORN/STROBE UNIT COMPATIBLE WITH CO2 ALARM SYSTEM - EDWARDS GENESIS WGAVRN OR APPROVED EQUAL. STROBE SHALL HAVE AN AMBER COVER AND MEET ALL LOCAL REGULATORY REQUIREMENTS FOR SPECIFICATIONS AND INSTALLATION. PROVIDE A 3/4" CONDUIT STUB-IN INTO BUILDING WITH THERMOPLASTIC BUSHING FROM WEATHERPROOF BACKBOX. PROVIDE FINAL WIRING TERMINATIONS AT HORN/STROBE UNIT AND THEN PROVIDE 36 INCHES OF PIGTAIL WIRING FROM HORN/STROBE INTO THE BUILDING AND NEATLY COIL FOR FINAL CONNECTION. FINAL WIRING CONNECTION FROM OUTDOOR HORN/STROBE PIGTAILS TO THE CO2 ALARM SYSTEM INSTALLATION TO BE PROVIDED BY BEVERAGE INSTALLER.

[4] PER THE AMERICAN WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG), A MINIMUM OF ONE (1) ADA COMPLIANT ELECTRICAL RECEPTACLE SHALL BE INSTALLED AT AN ACCESSIBLE TABLE. GC/EC SHALL REFERENCE FINAL DECOR PLANS AND PROVIDE RECEPTACLES AS NECESSARY FOR COMPLIANCE. (TYPICAL)

[5] COORDINATE LOCATION OF RECEPTACLES SO THAT RECEPTACLES ARE LOCATED ON FULL HEIGHT WALLS PER THE DECOR PLAN. STUB UP AND CIRCUIT IN HALF WALL FOR RECEPTACLES NOT ON FULL HEIGHT WALLS, CONFIRM FINAL LOCATIONS WITH DECOR DRAWINGS PRIOR TO ROUGH-IN.

[6] IF MOUNTED TO A LIGHTING POLE, DT CAMERA SHALL ONLY BE INSTALLED ON A POLE WITH MAXIMUM OF (2) LIGHTING HEADS. PROVIDE ISOLATION OF DT CAMERA MOUNTING HARDWARE AND POLE TO PREVENT BI-METALLIC OR GALVANIC CORROSION.

[7] E.C. TO PROVIDE AN ALLOWANCE IN BID TO PROVIDE TWO(2) FLEXIBLE POWER CONNECTIONS FOR POWER TO FURNITURE/ FAMILY EXPERIENCE ELEMENTS AS PART OF THE DECOR PACKAGE. E.C. SHALL VERIFY EXACT LOCATIONS IN FIELD AND WITH DECOR DRAWINGS. PROVIDE ALL NECESSARY MATERIALS AND LABOR FOR A COMPLETE AND FULLY NEC CODE COMPLIANT INSTALLATION. ALL COMPONENTS SHALL BE FED FROM A GFCI TYPE CIRCUIT BREAKER AND BRANCH CIRCUIT SHALL CONTAIN TWO PATHS OF GROUNDING (CONDUIT BODY AND AN INSULATED GROUNDING CONDUCTOR) TO COMPLY WITH McDONALD'S GROUNDING STANDARDS.

[8] DRIVE THRU WINDOW POWER, CONFIRM REQUIREMENTS WITH MANUFACTURER DRAWINGS.

[9] PROVIDE POWER FOR CONNECTION TO SELF ORDER KIOSKS. COORDINATE EXACT LOCATION OF KIOSKS WITH DECOR DRAWINGS. PROVIDE 2#12, 1#12 GRD., & 1#12 ISOLATED GROUND ON A 20A DEDICATED CIRCUIT FED FROM THE CP PANEL FOR EVERY KIOSK.

[10] VERIFY DROP CORDS AND RECEPTACLES DO NOT FALL BELOW HEIGHTS LISTED ON E3.0 ELECTRICAL SCHEDULE. RECEPTACLES SHOULD BE LOCATED AT HEIGHTS TO AVOID CONTACT WITH HOT APPLIANCES.

[11] PROVIDE POWER AND DATA ROUGH-INS FOR DIGITAL MERCHANDISER. EXTEND CIRCUIT TO THIS LOCATION FROM FRONT COUNTER MERCHANDISER IN SERVICE AREA. EXTEND J-HOOKS FROM SERVICE AREA FOR DATA CABLES. REFER TO 3/E3.1.

[12] EC TO INSTALL DROP CORDS JUSTIFIED TO THE DRIVE THRU SIDE OF THE BUILDING

[13] PROVIDE POWER AND DATA ROUGH-INS FOR CASH HANDLERS REFER TO 4/E3.1 FOR MORE INFORMATION. COORDINATE EXACT LOCATION WITH DECOR DRAWINGS.

[14] AT&T TO PROVIDE #8 GRD CONDUCTOR FROM BUILDING EXTERIOR WIRELESS ACCESS POINT TO ABOVE INTERIOR CEILING. EC TO EXEND CONDUCTOR TO BUILDING GROUNDING SYSTEM. COORDINATE EXACT LOCATION OF ACCESS POINT IN FIELD WITH AT&T.

[15] CONTRACTOR TO PUNCH HOLES IN SERVICE POD FOR CABLE AND CONDUIT ROUTING. UTILIZE BUSHINGS PROVIDE WITH SERVICE POD TO PROTECT CABLES.

[16] REFER TO DETAIL ON A3.1 FOR DIMENSIONS OF DIGITAL MERCHANDISER ROUGH-INS.

[17] POWER FOR IRRIGATION CONTROLLER. EC TO COORDINATE FINAL POWER REQUIREMENTS AND LOCATIONS WITH ACM PRIOR TO ROUGH-INS AND ADJUST EQUIPMENT AS NECESSARY.

[18] CONTROLLED RECEPTACLE TO BE EASILY DISTINGUISHABLE AND DIFFER FROM NORMAL RECEPTACLES VIA DIFFERENT COLORED PLATE. CIRCUIT TO BE CONTROLLED VIA DUAL OCCUPANCY SENSOR AND/OR ASTRONOMICAL TIMECLOCK.

[19] PROPOSED LOCATION OF FUTURE INVERTERS AND SOLAR READY METERING EQUIPMENT. EC TO FIELD DETERMINE FINAL LOCATION OF EQUIPMENT PRIOR TO ROUGH-IN.

[20] CONDUIT PATHWAY FROM MAIN DISTRIBUTION PANEL TO DESIGNATED SOLAR READY AREAS ON THE ROOF. IF APPLICABLE, EC TO FIELD VERIFY BEST POSSIBLE CONDUIT ROUTING PRIOR TO ROUGH-IN.

City of Puyallup
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Building | Planning | Engineering | Public Works | Fire | Traffic

PRCNC20241917

REV	DATE	DESCRIPTION	BY
	12/10/24	DESIGN REVIEW	JAY
1	03/20/25	PLAN CHECK COMMENTS	JAY

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Seal: JAMES A YBARRA, STATE OF WASHINGTON, PROFESSIONAL ENGINEER
3/19/25

PREPARED FOR: McDonald's USA, LLC

DRAWN BY: JAY | STD ISSUE DATE: 12/10/24 | REVIEWED BY: JAY | DATE ISSUED: 03/20/25

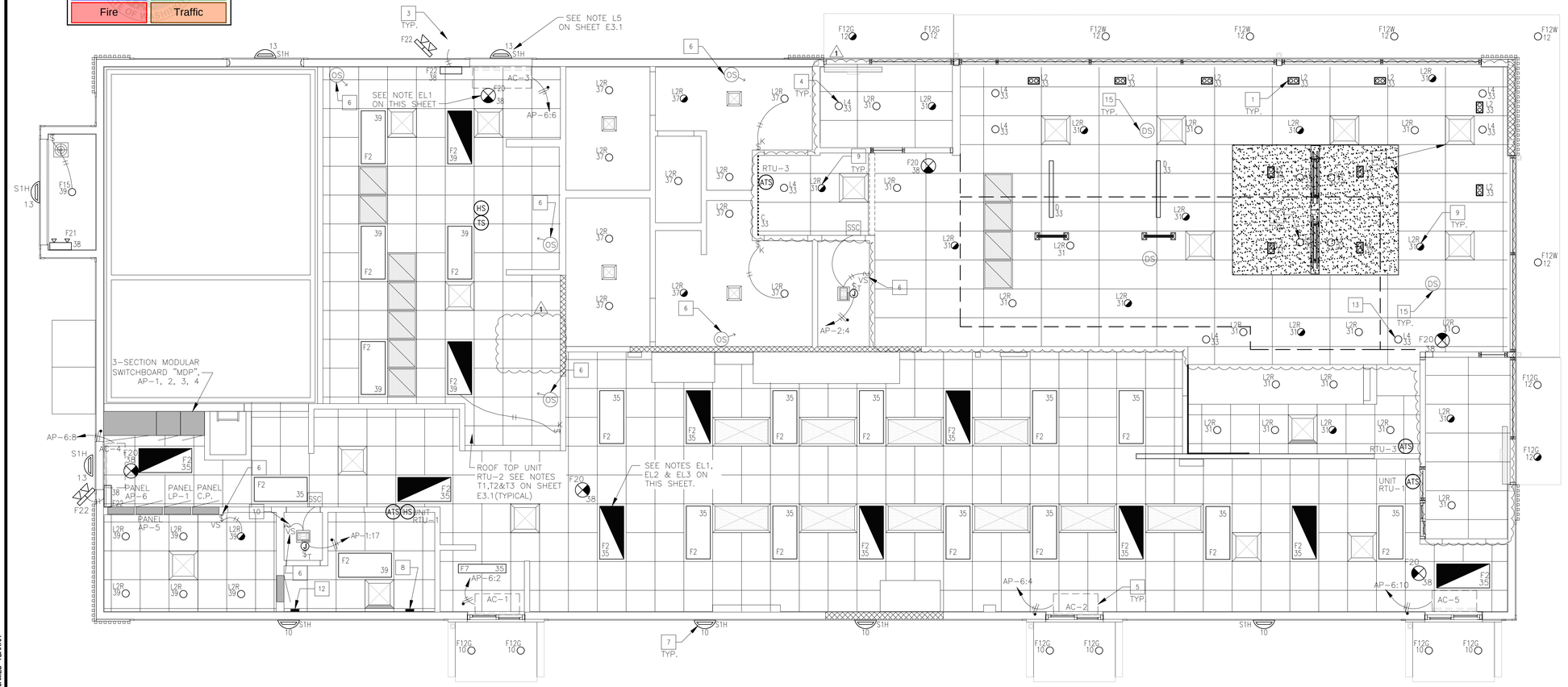
TITLE: 2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING - WOOD BEARING WALLS, WOOD ROOF TRUSS FRAMING, STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1172 | SITE ADDRESS: 2902 E. Pioneer, Puyallup, WA 98372

046-1172.00.0
E1.1
ROUGH-IN PLAN

MCD24092.0 - PUYALLUP, WA

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic



1 E2.0 LIGHTING FLOOR PLAN
1/4"=1'-0"

KEY

DENOTES FIXTURE TYPE — F2
DENOTES CIRCUIT NUMBER — 41

LIGHTING FIXTURES SHOWN HALF HATCHED SHALL BE WIRED TO AN EMERGENCY INVERTER AND CIRCUITED AS SWITCHED EMERGENCY FIXTURES SO THE FIXTURE IS CONTROLLED VIA TIMECLOCK BUT TURNS ON UPON LOSS OF POWER. SEE NOTE EL3 ON THIS SHEET. COORDINATE LOCATION WITH DECOR.

LIGHTING FIXTURES SHOWN WITH ARROW DENOTES GENERAL DIRECTION TO AIM ADJUSTABLE FIXTURES. VERIFY IN FIELD.

LIGHTING FIXTURE SCHEDULE:

MARK	SYMBOL	DESCRIPTION	DIFFUSER	LAMPS WATTS	LAMPS TYPE	BALLAST	MOUNTING	MANUFACTURER AND CATALOG NUMBER
F2		2' X 4' GRID TROFFER	PRISMATIC ACRYLIC	44W	LED	–	RECESSED	SECURITY LIGHTING: # LCAT24-35HLG-EDU-WP-GK
F7		1' X 4' GRID TROFFER	PRISMATIC ACRYLIC	44W	LED	–	RECESSED	SECURITY LIGHTING # LCAT14-35HLG-EDU-WP-GK
L2		2 HEAD DOUBLE GIMBALL – WIDE BEAM	–	25W	LED	–	RECESSED	CS ILLUMINATION # 4658 XFR12/XM20/25C/30H/110/BK/BK VERIFY WITH PHOTOMETRIC
L2R		4" LED ADJUSTABLE DOWN LIGHT	–	16W	LED	–	RECESSED	CS ILLUMINATION # 4658-XR3NC/A/XM20/40C-30H-1100-BK/BK/BK VERIFY DOWNLIGHT TO BE USED WITH PHOTOMETRIC
L4		3" LED ADJUSTABLE DOWN LIGHT	–	7W	LED	–	RECESSED	CS ILLUMINATION # 4658-XR3NC/A/XM20/25C-30H-1100-BK/BK/BK VERIFY DOWNLIGHT TO BE USED WITH PHOTOMETRIC
F12G		6" LED DOWN LIGHT – GOLD TRIM	–	12.5W	LED	–	RECESSED	SECURITY LIGHTING # 8542-5CCT
F15		SURFACE MTD INDUSTRIAL FIXTURE	–	27W	LED	–	CEILING	HUBBELL LIGHTING # VTC-5K-G-U-X-1-G
C		COVE LIGHT	–	2.5W/FT	LED	–	SURFACE	CS ILLUMINATION # 9359-LSM25-30K-XX-24/ALU-SF-98, 9359-PSHW-100W-24V-JB-010DM
D		GEOMETRY LINEAR PENDANT	–	30W	LED	–	SUSPENDED	SECURITY LIGHTING # MPG-48L-40LM30-R-CBC, 48"L X 6.25"H (1)
F20		EXIT SIGN WITH BATTERY BACKUP	–	1.8W	LED	–	SURFACE	SECURITY LIGHTING: EVEURWE. SEE NOTE LS2 ON THIS SHEET.
F21		2 HEADED EMERGENCY BATTERY LIGHT	–	–	LED	–	SURFACE TO WALL OR CEILING	SECURITY LTG. #EV4D
F22		EMERG BATTERY & 2 REMOTE HEADS	–	–	LED	–	SURFACE TO WALL OR SOFFIT	SECURITY LTG. #EV4D-02L-0/EVODB
F23		2 HEADED EMERG LIGHT & 2 REMOTE HEAD IF REQ'D	–	–	LED	–	SURFACE TO WALL OR SOFFIT	SECURITY LTG. #EV4D/EVODB
S1H		"DOWN ONLY" RADIAL WALL SCONCE – SILVER	TEMPERED GLASS	(1)-14W	LED	–	SURFACE TO WALL	SECURITY LIGHTING: #RWSC-36L-5K-DO-U-PS
F12W		6" LED DOWN LIGHT – WHITE TRIM	–	12.5W	LED	–	RECESSED	SECURITY LIGHTING # 8542-5CCT

LIGHTING SCHEDULE NOTES:

LS1. ORDER LED EXIT SIGNS WITH LETTER COLORS THAT COMPLY WITH LOCAL CODES.
– FOR RED LETTERS USE #EVE-U-R (UNIVERSAL),
– FOR GREEN LETTERS USE #EVE-U-G (UNIVERSAL), OR
IF THE ABOVE EXIT SIGNS DO NOT COMPLY WITH LOCAL CODES USE: LED SIGN WITH BATTERY BACKUP, LETTER SIZE, COLOR, TYPE & DIRECTIONAL ARROWS AS REQUIRED BY THE LOCAL AUTHORITIES.

LS2. ALL INTERIOR LIGHT FIXTURES SHALL BE 120 VOLT UNLESS NOTED OTHERWISE.

LS3. LIGHTING FIXTURES HAVE BEEN CHOSEN TO ACHIEVE MAXIMUM ENERGY CONSERVATION WHILE MAINTAINING ADEQUATE LEVEL OF ILLUMINATION. SPECIFICATIONS SHALL BE STRICTLY FOLLOWED. ANY DEVIATION FROM THE SPECIFICATIONS SHALL BE APPROVED IN WRITING BY McDONALD'S CORPORATION.

ORDER ALL LIGHT FIXTURES FROM:

SECURITY LIGHTING SYSTEMS, INC.
PHONE: 1-800-LIGHT-IT (800-544-4848)
EMAIL: SLORDERS@CURRENTLIGHTING.COM

CS ILLUMINATIONS
PHONE: 760-477-1244
EMAILS: MCD@CSILLUMINATIOINS.COM
WWW.CSILLUMINATIONS.COM/MCD

SEE SHEET E3.1 FOR GENERAL LIGHTING NOTES AND "ROOF PLAN" (SHEET E2.1) FOR ADDITIONAL ELECTRICAL ROUGH-IN & LIGHTING REQUIREMENTS.

McDONALD'S SITE SIGNAGE:

EC SHALL PROVIDE:

ELECTRICAL CONTRACTOR SHALL COORDINATE POWER REQUIRED FOR ROAD SIGN. MOST SIGNS REQUIRE (1) 20 AMP 120V CIRCUIT. IF USED A 90-200 SIGN REQUIRES (4) 20 AMP 120V CIRCUITS OR ONE 1-PHASE 60 AMP 120/208V CIRCUIT. COORDINATE WITH SUPPLIERS DRAWINGS.
(1) 20 AMP 208 VOLT CIRCUIT, EC TO WIRE 2#12 TO 208 VOLT FLAG FLOODLIGHTS.
(1) 20 AMP 120 VOLT CIRCUIT TO D.C.O. IN ROAD SIGN BASE IF REQUIRED.
(2) 20 AMP 120 VOLT CIRCUITS FOR INGRESS/EGRESS DIRECTIONAL SIGNS (IF APPLICABLE).

*VERIFY EXACT LOCATIONS/TYPES/QUANTITIES OF ALL THE ABOVE WITH SITE/CIVIL PLANS AND MCD ACM.

KEY NOTES

1. CENTER PENDANT LIGHTS OVER TABLES (TYPICAL)
2. ALL SOFFIT LOCATIONS, LIGHTING, & SUPPLY GRILLS SHALL BE COORDINATED WITH DECOR COMPANY DRAWING PRIOR TO INSTALLATION.
3. EC SHALL INSTALL AND CONFIGURE REMOTE EMERGENCY LIGHTING AT ALL EGRESS EXTERIOR DOORS FOR MAXIMUM ILLUMINATION AT POINTS OF EGRESS. INSTALL WP J-BOX WITHIN SOFFIT TO ALLOW A FLUSH INSTALLATION OF ANY EXTERIOR EMERGENCY EGRESS LIGHTING (TYPICAL).
4. OPTIONAL ADJUSTABLE WALL WASH FIXTURE TO ILLUMINATE LOGO OR GRAPHICS. EC SHALL VERIFY EXACT LOCATION SO AS TO ADEQUATELY ILLUMINATE McDONALD'S ARCH LOGO SIGN AND GRAPHICS.
5. AIR CURTAIN UNIT. NON HEATED VERSION TO USE 1/2"C. 2#12, 1#12GRD. HEATED VERSION TO USE 1"C. 2#6, 1#10 GRD. (TYPICAL).
6. PROVIDE DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR OR WALL MOUNTED VACANCY SENSOR AS SHOWN. ORDER ALL SENSORS FROM SECURITY LIGHTING SYSTEMS, INC.
7. RADIAL WALL SCONCE. SEE NOTE L2 ON SHEET E3.1 AND ARCHITECTURAL ELEVATIONS ON SHEETS A2.0 & A2.1. (TYPICAL)
8. BUILDING AUTOMATION SYSTEM LOCATION. SEE LIGHTING CONTROL DETAILS ON SHEET E4.1.
9. PROVIDE LIGHTING INVERTER FOR USE WITH FIXTURES SHOWN SLASHED. MODEL #LG125T SHOULD BE USED FOR L2R, L4 & F12G WITH NOT MORE THAN SEVEN DOWNLIGHTS CONNECTED TO EACH INVERTER, AND NOT MORE THAN TWO F2 FIXTURES. IF DECOR USES ALTERNATE FIXTURES, COORDINATE INVERTER TO BE USED WITH LIGHTING SUPPLIER. E.C. SHALL VERIFY THE QUANTITY OF FIXTURES THAT CAN BE CONNECTED WITHOUT EXCEEDING OPERATING CAPACITY OF UNIT AND PROVIDE ADDITIONAL CIRCUITS AND INVERTERS AS REQUIRED. (TYPICAL)
10. CENTER VACANCY SENSOR SWITCH OPPOSITE COMPUTER RACK IN A LOCATION ACCESSIBLE FROM BOTH DOORS FOR CONTROL OF CEILING MOUNTED LIGHT, IN DATA ROOM. FAN CONTROLLED BY LOCAL THERMOSTAT.
11. NOT USED.
12. LIGHTING CONTACTORS IN NEMA 1 ENCLOSURE JUST BELOW CEILING. EC SHALL PROVIDE 120 VOLT CONTROL CIRCUIT TO CONTACTOR PANEL. VERIFY EXACT LOCATION IN FIELD AND REFER TO DRAWING E4.1 FOR ADDITIONAL DETAILS.
13. ADJUST FIXTURE TO ILLUMINATE DELIVERY POD SHELVING.
14. NOT USED.
15. NEW DAYLIGHT SENSOR TO BE INSTALLED TO CONTROL DAYLIGHT AREAS IN THE DINNING AREAS. ORDER ALL DAYLIGHT SENSORS FROM; SECURITY LIGHTING SYSTEMS, INC.

EMERGENCY LIGHTING NOTES

EL1. EC SHALL VERIFY ALL REQUIREMENTS AND FINAL EMERGENCY LIGHTING LOCATIONS WITH LOCAL AUTHORITIES. INCLUDE ALL COSTS IN BASE BID.

EL2. IF NOT INSTALLED BY MANUFACTURER, EC SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF THE EMERGENCY INVERTER IN SWITCHED EMERGENCY FIXTURES SHOWN ON THIS SHEET.

EL3. LED FIXTURES DENOTED AS SWITCHED EMERGENCY SHALL BE CONNECTED TO AN INVERTER. INVERTER SHALL BE CAPABLE OF ILLUMINATING FIXTURE FOR 1.5 HOURS TO COMPLY WITH NEC SECTION 700 AND UL924.

EL4. EMERGENCY BATTERY LIGHTING WALL PACKS IN PLAYPLACE SHALL BE LOCATED SO AS TO PROVIDE FOR MAXIMUM ILLUMINATION OF AREA. EC SHALL VERIFY EXACT PLACEMENT IN THE FIELD WITH McDONALD'S ACM. (IF APPLICABLE)

EL5. EMERGENCY LIGHTING HAS BEEN DESIGNED PER NFPA 101 TO MAINTAIN 1 FC IN PATH OF EGRESS. IF FIELD CONDITIONS REQUIRE ANY CHANGES TO LIGHTING DESIGN, EMERGENCY LIGHTING, SHALL BE INSTALLED TO MEET THE ABOVE REQUIREMENTS.

REV	DATE	DESCRIPTION	BY
A	03/20/25	PLAN CHECK COMMENTS	JAY
	12/10/24	DESIGN REVIEW	JAY

Professional of Record:
PM DESIGN Architectural Solutions Group
19401 40TH AVE W
SUITE 420
LYNNWOOD, WA 98036
JAMES YBARRA, P.E.
PHONE: (425) 409-2496
EMAIL: JYBARRA@PMDGINC.COM

PRCNC20241917

JAMES A. YBARRA — STATE OF WASHINGTON — 24300 — REGISTERED PROFESSIONAL ENGINEER
3/19/25
Seal

PREPARED FOR: McDonald's USA, LLC

TITLE: 2024 STANDARD BUILDING – BB20
SITE ID: 3898 – PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ADDRESS: 2902 E. Pioneer, Puyallup, WA 98372

DRAWN BY: JAY
STD. ISSUE DATE: 12/10/24
REVIEWED BY: JAY
DATE ISSUED: 03/20/25

046-1172.00.0
E2.0
LIGHTING PLAN

MCD24092.0 – PUYALLUP, WA

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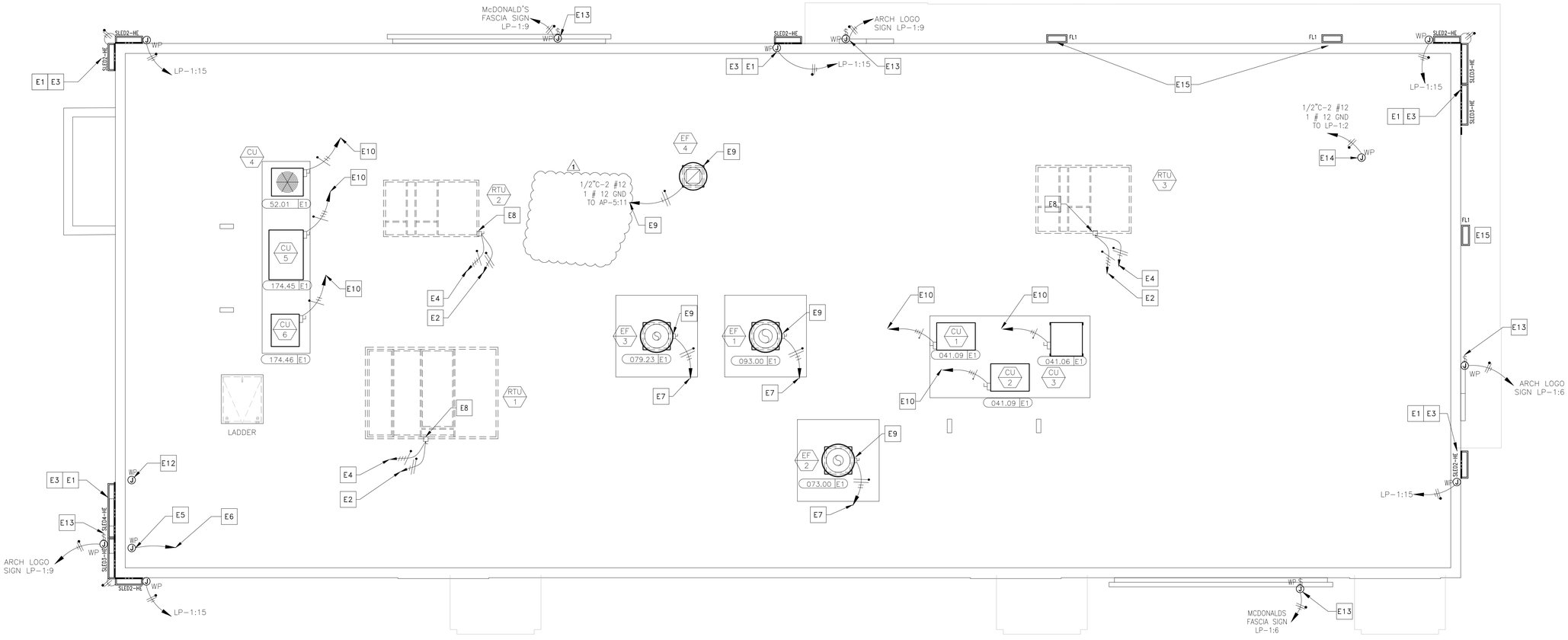

ELECTRICAL ROOF PLAN

SCALE: 1/4"=1'-0"

KEYED NOTES

E1 EVERY LINEAR RUN OF SLED FIXTURES REQUIRES A DEDICATED WHIP KIT PROVIDED WITH FIXTURE. CONTRACTOR TO FIELD VERIFY FIXTURE MOUNTING HEIGHT, LOCATION, QUANTITY, FIXTURE LENGTHS, AND ALL ELECTRICAL CONNECTION REQUIREMENTS WITH SECURITY LIGHTING PRIOR TO ORDERING AND INSTALLATION (TYPICAL).

E2 WEATHER PROOF RECEPTACLES WITH GFCI PROTECTION ARE PROVIDED AND MOUNTED WITHIN MOTOR HOUSING LOCATIONS PER NEC ARTICLE 210.63. CIRCUIT SHALL EMANATE FROM PANEL AP-5,CCT.#13.(TYPICAL).

E3 SMOOTH BRACING IS REQUIRED FOR LED FIXTURE INSTALLATION UNDER COPING/FLASHING.(TYPICAL)

E4 REFER TO SHEET E4.0 FOR CONDUIT AND WIRE SIZE.(TYPICAL)

E5 E.C SHALL PROVIDE A WEATHER-PROOF J-BOX ON INSIDE FACE OF PARAPET, MOUNTED 6" BELOW TOP OF PARAPET FOR LIGHTING CONTROL PANEL PHOTOCELL. (PHOTOCELL FURNISHED BY OTHERS AND INSTALLED BY EC). REFER TO LIGHTING CONTROL DETAILS ON E4.1

E6 TO LIGHTING ENCLOSURE W/ TIMER. COORDINATE WITH LIGHTING CONTROL DETAILS ON SHEET E4.1

E7 COOKING EQUIPMENT EXHAUST FANS. SEE SHEET E3.0 FOR ELECTRICAL REQUIREMENTS. SEE SHEET E3.2 FOR EXHAUST FAN INTERLOCK WIRING DIAGRAMS. (TYPICAL)

E8 PROVIDE NEMA 3R DISCONNECT WITH CURRENT LIMITING FUSES TO COMPLY WITH NEC 110 AND 440. ELECTRICAL CONTRACTOR SHALL STUB UP THRU RACEWAY IN CURB TO ELIMINATE CONDUIT PENETRATION OF ROOFING. (TYPICAL)

E9 EXTERNAL NEMA 3R MOUNTED ON SIDE OF FAN BY MANUFACTURER. ELECTRICAL CONTRACTOR SHALL STUB-UP THRU ROOF AND PROVIDE FLEXIBLE WEATHERPROOF CONDUIT FROM ROOF PENETRATION TO DISCONNECT (TYPICAL).

E10 REMOTE CONDENSING UNITS. SEE SHEET E3.0 FOR WIRING AND CIRCUITRY REQUIREMENTS.

E11 NOT USED.

E12 E.C. SHALL PROVIDE A WEATHER-PROOF JUNCTION BOX WITH 3/4"C STUB DOWN TO CEILING SPACE WITH BUSHING FOR ROOF-TOP CAMERA OR SATELLITE. VERIFY EXACT LOCATION(S) WITH MCD AREA CONSTRUCTION MANAGER PRIOR TO INSTALLATION.

E13 E.C. SHALL PROVIDE A JUNCTION BOX FOR ARCH LOGO / McDONALD'S FASCIA / PLAY-PLACE SIGN. SEE NOTE L1 ON SHEET E3.1, COORDINATE EXACT LOCATION IN FIELD WITH ACM. ALL SIGNS PROVIDED WITH INTEGRAL DISCONNECT SWITCH FROM MANUFACTURER.(TYPICAL)

E14 E.C. SHALL PROVIDE A JUNCTION BOX FOR ROOF-TOP FLAG POLE LIGHTING. VERIFY LOCATION(S) WITH MCD PROJECT MANAGER PRIOR TO INSTALLATION.

E15 FLOOD LIGHT MOUNTED ABOVE CANOPY. LP-1:11 EC SHALL VERIFY EXACT SPECIFICATIONS AND LOCATION WITH ARCHITECTURAL ELEVATIONS. VERIFY EXACT INFEED REQUIREMENTS IN THE FIELD. SEE FLOOD LIGHT DETAIL ON SHEET E3.1. (TYPICAL)

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

DRAWING NOTES

1. SEE DRAWING M-4.0 FOR GENERAL MECHANICAL NOTES.
2. SEE DRAWINGS M-3.0 AND M-4.1 FOR MECHANICAL EQUIPMENT SCHEDULES AND DETAILS.
3. SEE DRAWING M-4.0 FOR MECHANICAL LEGEND.
4. SEE DRAWING K-2.1 FOR REMOTE CONDENSER AND MAC UNIT INFORMATION.
5. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

LED GENERAL NOTES

1. PLACE LED FIXTURE AT DESIRED LOCATION AND ATTACH POWER SUPPLY AND MOUNTING BRACKET AS RECOMMENDED BY MANUFACTURER.
2. EC SHALL CONNECT NEW FIXTURES TO A 120V CIRCUIT AND MAKE ALL ELECTRICAL CONNECTIONS AS REQUIRED FOR A COMPLETE OPERATING SYSTEM.
3. POWER SUPPLY SHALL ALWAYS BE INSTALLED TO THE LEFT SIDE OF FIXTURE WHEN FACING BRAND WALL.

LED FIXTURE SCHEDULE:

MARK	SYMBOL	DESCRIPTION	DIFFUSER	LAMPS		BALLAST	MOUNTING	MANUFACTURER AND CATALOG NUMBER
				WATTS	TYPE			
SLED2-HE	▬	DOWN ONLY ACCENT LIGHTING (SEE PLAN)	TEMPERED GLASS	1-10W PER FIXTURE	LED	–	SURFACE	SECURITY LIGHTING: SLED-HE-24-DO-U-IO CUSTOM BUILT FOR EXTERIOR ACCENT CHANNELS.
SLED3-HE	▬	DOWN ONLY ACCENT LIGHTING (SEE PLAN)	TEMPERED GLASS	1-14W PER FIXTURE	LED	–	SURFACE	SECURITY LIGHTING: SLED-HE-36-DO-U-IO CUSTOM BUILT FOR EXTERIOR ACCENT CHANNELS.
SLED4-HE	▬	DOWN ONLY ACCENT LIGHTING (SEE PLAN)	TEMPERED GLASS	1-19W PER FIXTURE	LED	–	SURFACE	SECURITY LIGHTING: SLED-HE-48-DO-U-IO CUSTOM BUILT FOR EXTERIOR ACCENT CHANNELS.
FL1	▭	UP ONLY ACCENT LIGHTING (SEE PLAN)	TEMPERED GLASS	1-16W PER FIXTURE	LED	–	SURFACE	SECURITY LIGHTING: EL218-W-5-8L-5K-UV-IO-JWIO

REV	DATE	DESCRIPTION	BY
	12/10/24	DESIGN REVIEW	JAY
A	03/20/25	PLAN CHECK COMMENTS	JAY

Professional of Record:

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PRCNC20241917

JAMES A. YBARRA — STATE OF WASHINGTON — 24309 — REGISTERED PROFESSIONAL ENGINEER
3/19/25
Seal

DRAWN BY: JAY | STD. ISSUE DATE: 12/10/24
REVIEWED BY: JAY | DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING - WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1172 | SITE ADDRESS: 2902 E. Pioneer, Puyallup, WA 98372

046-1172.00.0
E2.1
ELEC. ROOF PLAN

MCD24092.0 - PUYALLUP, WA

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PB = Pullbox
JB = Junction Box
EC = Electrical Contractor
VIF = Verify in Field

ELECTRICAL SCHEDULE

TAG #	QTY	DESCRIPTION	VOLT/PH	FLA	BRK SIZE	COND/WIRE	PNL/CCT	RECEP TYPE	HGT AFF	REQUIREMENTS & REMARKS
004.20E6	1	DIGITAL MERCHANDISER	120/1 ISOLATED	2.6	20A	1/2"C-2#12IG	CP:6	IG5262	6'-5"	–
004.23E1	1	DIGITAL MERCHANDISER – MEDIA PLAYER	120/1 ISOLATED	1.0	20A	1/2"C-2#12IG	CP:6	IG5262	6'-5"	USE SAME RECEPTACLE AS 4.20E6
004.23E2	1	DIGITAL MERCHANDISER – MEDIA PLAYER	DATA CABLE	–	–	–	–	JB	6'-5"	JB W/ 1" C. TO FULL HEIGHT WALL AND TO ABOVE CEILING W/BUSHINGS. FOR DATA CABLES. SUPPLY W/GROMMETED OPENING IN COVER PLATE
009.15E1	1	UTILITY CHASE – FFDT INTERIOR WALL	–	–	–	–	–	–	SEE RMKS	UTILITY CHASE AND RECEPTACLES PROVIDED BY K.E.S.
009.16E1	1	UTILITY CHASE – FFDT EXTERIOR WALL	–	–	–	–	–	–	SEE RMKS	UTILITY CHASE AND RECEPTACLES PROVIDED BY K.E.S.
020.01E1	2	AUTOMATED BEVERAGE SYSTEM 2.0	120/1	5.0	20A	1/2"C-2#12	AP-1:12, AP-2:24	5-20R	2'-0"	–
020.01E2	2	AUTOMATED BEVERAGE SYSTEM 2.0	120/1	14.9	20A	1/2"C-2#12	AP-1:6, AP-2:26	5-20R	3'-10"	FOR PRE-COOLER
021.01E3	3	COFFEE BREWER (THERMAL POTS)	120-208/1	15.5	20A	1/2"C-3#12	AP-1:(2,4)(14,16), AP-5:(20,22)	BY KES	SEE RMKS	EC TO EXTEND CIRCUIT TO L14-20R RECEPTACLE IN CHASE
023.10E1	1	ESPRESSO BREWER	208/1	21.6	30A	1/2"C-2#10	AP-1:(19,21)	BY KES	SEE RMKS	EC TO EXTEND CIRCUIT TO L6-30R RECEPTACLE IN CHASE
023.12E1	1	COFFEE CREAM DISPENSER	120/1	1.0	20A	1/2"C-2#12	AP-1:8	BY KES	SEE RMKS	EC TO EXTEND CIRCUIT TO 5-20R RECEPTACLE IN CHASE
023.14E1	1	SUGAR/SWEETENER DISPENSER	120/1	1.5	20A	1/2"C-2#12	AP-1:8	BY KES	SEE RMKS	EC TO EXTEND CIRCUIT TO 5-20R RECEPTACLE IN CHASE
024.02E1	1	JUICE DISPENSER	120/1	4.5	20A	1/2"C-2#12	AP-1:8	5-20R	SEE RMKS	EC TO EXTEND CIRCUIT TO 5-20R RECEPTACLE IN CHASE
025.07E1	1	INFUSION TEA BREWER – MIS	120-208/1	13.0	20A	1/2"C-3#12	AP-2:(32,34)	L14-20R	2'-3"	–
025.07E2	1	INFUSION TEA BREWER – MIS	–	–	–	–	–	JB	2'-3"	FOR WATER LINE TO ICED TEA BREWER IF CHASE IS NOT SPECIFIED. (SEE P1.6)
031.03E1	1	SODA SYSTEM PACKAGE – B.I.B. (RECIRCULATING– 3 TOWERS)	208/3	26.0	30A	3/4"C-3#10	AP-2:(37,39,41)	SEE RMKS	3'-0" SEE RMKS	EC SUPPLIES 30A-3P NF DISC SW MTD 9" BELOW CEILING PER NEC SECT. 404.8(A)
031.03E2	1	SODA SYSTEM PACKAGE – B.I.B. (RECIRCULATING– 3 TOWERS)	–	–	–	–	–	JB	4'-0"	FOR CONTROL WIRES FROM REMOTE CONDENSING UNIT
031.03E3	1	SODA SYSTEM PACKAGE – B.I.B. (RECIRCULATING– 3 TOWERS)	120/1	(2) 6.8	20A	1/2"C-2#12	AP-2:35	5-20R	6'-6"	FOR WATER BOOSTER SYSTEM AND OPTIONAL AIR COMPRESSOR
032.02E1	1	REVERSE OSMOSIS WATER FILTRATION SYSTEM – TANKLESS	120/1	4.0	20A	1/2"C-2#12 EA.	AP-2:23	5-20R	6'-0"	–
032.04E1	1	WATER FILTRATION SYSTEM	120/1	0.08	20A	1/2"C-2#12 EA.	AP-2:23	5-20R	6'-0"	–
037.03E1	2	CO2 SAFETY SYSTEM – DETECTOR	120/1	1.0	20A	1/2"C-2#12	AP-1:10	JB	SEE RMKS	PROVIDE LOCKOUT CB. SEE MECHANICAL DRAWINGS
037.03E2	2	CO2 SAFETY SYSTEM	–	–	–	–	–	JB	SEE RMKS	FOR LV WIRES. STUB 3/4"C. ABV. CLG. SEE MECHANICAL DRAWINGS
037.03E4	4	CO2 SAFETY SYSTEM – CO2 DETECTOR AV ALARM	–	–	–	–	–	JB	7'-0" MINIMUM	STUB 3/4"C. ABOVE CLG. FOR LV COND. TO 037.03E2. SEE MECHANICAL DRAWINGS
038.00E1	1	CLEAN IN PLACE PANEL	120/1	1.0	20A	1/2"C-2#12	AP-2:21	5-20R	5'-6"	–
039.15E1	2	ICE MACHINE – 1000 LB.	120/1	1.1	15A	1/2"C-2#12	AP-1:37,39	5-20R	SEE RMKS	MOUNT 9" BELOW CEILING – CIRCUIT BREAKERS SHALL BE HACR TYPE
039.15E2	2	ICE MACHINE – 1000 LB.	–	–	–	1/2"C	–	JB	SEE RMKS	MOUNT 9" BELOW CEILING – CONTROL WIRES TO REMOTE CONDENSER
039.35E1	1	ICE MACHINE – 1000 LB.	208/3	9.2	15A	1/2"C-3#12	AP-2:(1,3,5)	SEE RMKS	SEE RMKS	EC SUPPLIES 30A-3P NF DISC SW MTD 9" BELOW CEILING PER NEC 404.8(A) EX.2 VERIFY W/ AHJ
039.35E2	1	ICE MACHINE – 1000 LB.	–	–	–	1/2"C	–	JB	4'-6" SEE RMKS	CONTROL WIRES TO REMOTE CONDENSER – IF ICE MACH. ON SODA TOWER OR ICE DISP. MOUNT JB AT 8'-0" AFF
041.05E1	1	ICE MACHINE REMOTE CONDENSER – 1000 LB.	208/1	1.0	20A SEE RMKS	1/2"C-3#12	AP-1:(26,28)	SEE RMKS	SEE RMKS	EC TO PROVIDE WP 30A-2P NF DISC AT UNIT ON ROOF – CIRCUIT BREAKERS SHALL BE HACR TYPE
041.05E2	1	ICE MACHINE REMOTE CONDENSER – 1000 LB.	–	–	–	–	–	–	SEE RMKS	CONTROL WIRES TO ICE MACHINE – LOCATION BY ACM
041.09E1	2	ICE MACHINE REMOTE CONDENSER – 1000 LB.	208/3	11.1	15A SEE RMKS	1/2"C-3#12 SEE RMKS	AP-1:(32,34,36)(38,40,42)	SEE RMKS	SEE RMKS	EC TO PROVIDE WP 30A-3P NF DISC AT UNIT ON ROOF – CIRCUIT BREAKERS SHALL BE HACR TYPE
043.21E1	1	OPTIMIZED ORDER ASSEMBLY TABLE	120/1	5.4	20A	SEE RMKS	KES BREAKER PANEL	SEE RMKS	SEE RMKS	PLUGS INTO KES OUTLET CHASE FOR HLA
052.01E1	1	SODA SYSTEM PACKAGE REMOTE CONDENSER – 3-TOWER	208/1	2.5	20A SEE RMKS	SEE RMKS	SEE RMKS	SEE RMKS	SEE RMKS	EC TO PROVIDE 30A-2P DISC SW W/15A FUSE – POWERED BY 31.03 – LOCATION BY ACM
052.01E2	1	SODA SYSTEM PACKAGE REMOTE CONDENSER – 3-TOWER	–	–	–	–	–	–	SEE RMKS	CONTROL WIRES TO SODA SYSTEM – LOCATION BY ACM
061.00E1	1	FRY BAGGING STATION 36"	120/1	12.5	20A	1/2"C-2#12	AP-1:31	JB	4'-0"	–
065.30E1	1	3-VAT LOV FRYER – ELECTRIC – F/F/F	208/3	38.9 EA. VAT	(3) 50A	1"C-3#6 EA. VAT	AP-4:(13,15,17)(19,21,23)(25,27,29)	BY KES	SEE RMKS	PLUGS INTO RACEWAY RECEP WITH(1)L21-20P INTERLOCK PLUG &(3) 15-60P POWER PLUG BY KES
066.47E1	1	4-VAT LOV FRYER – ELECTRIC – S/S/S/S	208/3	38.9 EA. VAT	(4) 50A	1"C-3#6 EA. VAT	AP-3:(1,3,5)(7,9,11) (2,4,6)(8,10,12)	BY KES	SEE RMKS	PLUGS INTO RACEWAY RECEP WITH(1)L21-20P INTERLOCK PLUG &(4) 15-60P POWER PLUG BY KES
073.00E1	1	UNIVERSAL EXHAUST HOOD 3-VAT FRYER	120/1	12.5, 9.8	(2)20A-1P	1/2"C-2#12EA	AP-1:23,24	BY KES	SEE RMKS	EC TO CONN POWER TO RACEWAY FLA = 12.0 FRYER CONTROLS, 0.5 CAPTURE JET & 9.8 INDIVID. EXHAUST FAN INTERLOCK
079.23E1	1	UNIVERSAL EXHAUST HOOD FULL-CLAM/4-VAT FRYER	120/1	17.6, 13.8	(2)20A-1P	1/2"C-2#12EA	AP-1:29,41	BY KES	SEE RMKS	EC TO CONN POWER TO RACEWAY FLA=3.6 GRILL,13.0 FRYER CONTROLS, 1.0 CAPTURE JET & 13.8 INDIVID EXHAUST FAN INTERLOCK
079.26E2	2	VENTLESS HOOD COMBI OVEN	120/1	8.0	15A	1/2"C-2#12	AP-4:14,16	BY KES	SEE RMKS	EC TO EXTEND DEDICATED CIRCUIT TO 5-15R RECEPTACLE IN CHASE
085.05E1	1	FROZEN FRY DISPENSER	120/1	9.0	20A	1/2"C-2#12	AP-1:27	5-20R	4'-0"	–
091.02E1	1	WALL MOUNT FREEZER UNIT-SINGLE WIDE-HIGH CAPACITY	120/1	5.0	20A	1/2"C-2#12	AP-5:23	5-20R	7'-6"	–
093.00E1	1	UNIVERSAL EXHAUST HOOD FULL-CLAM GRILL	120/1	13.9	20A	1/2"C-2#12	AP-2:17	BY KES	SEE RMKS	EC TO CONN. POWER TO RACEWAY FLA = 3.6 GRILL CONTROLS, 0.5 CAPTURE JET & 9.8 INDIVID. EXHAUST FAN INTERLOCK
096.21E1	2	36" NEXT GEN 3-PLATEN CLAMSHELL GRILL – ELECTRIC	208/3	21.7, 43.3	(2)50A	1-1/2"C- 6#4	AP-3:(14,16,18)(20,22,24) AP-4:(1,3,5)(7,9,11)	BY KES	SEE RMKS	PLUGS IN RACEWAY RECEP WITH(1)L21-20P INTERLOCK& (2) 15-50P POWER PLUG EA GRILL
097.08E1	1	MEAT FREEZER – DOUBLE WIDE – HIGH CAPACITY – RIGHT HAND	120/1	7.0	20A	1/2"C-2#12	AP-2:19	5-15R	SEE RMKS	UNIT PLUGS INTO RACEWAY RECEPTACLE
114.00E1	1	HUMIDIFIED HOLDING CABINET	208/1	9.1	20A	1/2"C-2#12	AP-5:(34,36)	SEE RMKS	5'-6"	PLUGS INTO OVERHEAD RECEPTACLE # 320C6W(B) PROVIDED BY KES – HEIGHT TO BOTTOM OF RECEPTCLE
116.23E4	2	UNIVERSAL HOLDING CABINET – HIGH DENSITY – 2-SIDED – PIN & SLEEVE	208/1	15.2	20A	1/2"C-2#12	AP-5:(4,6)(8,10)	BY KES	5'-6"	PLUGS INTO OVERHEAD RECEPTACLE # 320C6W(B) PROVIDED BY KES – HEIGHT TO BOTTOM OF RECEPTACLE
117.30E1	1	UHC TABLE COPL – 2 SIDED – 51"D x 34"W – PIN&SLEEVE	120/1	2.0	20A	1/2"C-2#12	AP-5:12	BY KES	5'-6"	PLUGS INTO OVERHEAD RECEPTACLE # 320C4W(Y) PROVIDED BY KES– HEIGHT TO BOTTOM OF RECEPTACLE
118.00E1	1	Q'ING OVEN – PIN & SLEEVE	208/1	15.4	20A	1/2"C-2#12	AP-2:(38,40)	SEE RMKS	5'-6"	PLUGS INTO OVERHEAD RECEPTACLE # 320C6W(B) PROVIDED BY KES– HEIGHT TO BOTTOM OF RECEPTACLE
118.03E1	2	Q'ING OVEN – PIN & SLEEVE	208/1	14.9	20A	1/2"C-2#12	AP-2:(18,20)(28,30)	SEE RMKS	5'-6"	PLUGS INTO OVERHEAD RECEPTACLE # 320C6W(B) PROVIDED BY KES– HEIGHT TO BOTTOM OF RECEPTACLE
122.27E1	1	NEXT GEN. UNIVERSAL RADIANT TOASTER –PIN & SLEEVE	208/1	25.2	30A	1/2"C-2#10	AP-5:(27,29)	SEE RMKS	5'-6"	PLUGS INTO OVERHEAD RECEPTACLE # 330C6W(B) PROVIDED BY KES– HEIGHT TO BOTTOM OF RECEPTACLE
122.28E2	1	NEXT GEN. UNIVERSAL CONTACT TOASTER –PIN & SLEEVE	208/1	25.2	30A	1/2"C-2#10	KES BREAKER PANEL	SEE RMKS	SEE RMKS	PLUGS INTO KES RACEWAY RECEPTACLE
123.36E1	1	ECU TABLE – COPL	208/1	4.9	15A	SEE RMKS	KES BREAKER PANEL	SEE RMKS	SEE RMKS	PLUGS INTO KES OUTLET CHASE.
123.37E1	1	BREAKER PANEL– 125 AMP – 1 PHASE – EQUIPMENT MOUNTED	120-208/1	SEE RMKS	125A	1-1/2C"-3#1	MDP:11	–		EC TO EXTEND AND CONNECT ELECTRICAL SERVICE. HARDWIRE TO KES BREAKER PANEL.
123.40E1	1	PREP TABLE – HD – 2-SIDED COPL – 38"D x 83 1/2" – PIN & SLEEVE W/ REF.	120/1	10.0	20A	SEE RMKS	KES BREAKER PANEL	SEE RMKS	SEE RMKS	PLUGS INTO KES OUTLET CHASE.
125.00E2	2	RAPID BUN STEAMER	208/1	14.3	30A	1/2"C-2#10	KES BREAKER PANEL	SEE RMKS	SEE RMKS	PLUGS INTO KES RACEWAY RECEPTACLE
130.00E3	2	COMBI OVEN	208/3	15.1	30A	1/2"C-3#10	AP-4:(2,4,6)(8,10,12)	BY KES	SEE RMKS	EC TO EXTEND CIRCUIT TO L430R9 RECEPTACLE IN CHASE
152.05E1	1	WAREWASHER	120/1	11.4	20A	1/2"C-2#12	AP-5:33	5-20R	6'-0"	–
163.02E1	4	AMEREX MANUAL PULL STATION	–	–	–	–	–	JB	SEE DETAILS	4" OCTAGONAL, RACO #125 OR EQUAL MUST BE USED.
171.01E1	1	WALK-IN COOLER / FREEZER FLOORLESS	120/1	10.00	20A	1/2"C-2#12	AP-2:14,16	JB	FLUSH ON CLG	JB FOR LIGHTS &]DOOR HEATER– UNSWITCHED LIGHT TO BE IN BOTH COOLER & FREEZER,EC TO CONNECT POWER
171.01E2	1	WALK-IN COOLER / FREEZER FLOORLESS	–	–	–	–	–	–	VIF	EC TO FURNISH & INSTALL CONDUIT,WIRE & LIGHT FIXTURES& OTHER DEVICES INSIDE COOLER/FREEZER BOX
174.37E1	1	REMOTE CONDENSING UNIT	208/1	10.8	25A	1/2"C-2#10	AP-5:(38,40)	JB	VIF	EC TO PROVIDE 30A-2P NF DISC AT UNIT ON ROOF. CIRCUIT BREAKERS TO BE HARC RATED.
174.37E2	1	REMOTE CONDENSING UNIT	LOW VOLT WIRES	–	–	–	–	–	VIF	–
174.46E1	1	REMOTE CONDENSING UNIT	208/3	30.3	50A	1"C-3#6	MDP:15	JB	VIF	EC TO PROVIDE 60A-3P NF DISC AT UNIT ON ROOF. CIRCUIT BREAKERS TO BE HARC RATED.
174.46E2	1	REMOTE CONDENSING UNIT	LOW VOLT WIRES	–	–	–	–	–	VIF	–
175.19E1	1	COOLER EVAPORATOR	208/1	1.0	20A	1/2"C-2#12	AP-6:(9,11)	JB	FLUSH ON CLG	–
175.19E2	1	COOLER EVAPORATOR	LOW VOLT WIRES	–	–	–	–	–	FLUSH ON CLG	L V WIRES CONN UNIT TO EVAPS & SHALL BE ROUTED SEPARATELY FROM POWER CONDUCTORS
176.28E1	1	FREEZER EVAPORATOR	208/1	20.3	30A SEE RMKS	1/2"C-2#10	AP-6:(13,15)	JB	FLUSH ON CLG	–
176.28E2	1	FREEZER EVAPORATOR	LOW VOLT WIRES	–	–	–	–	–	FLUSH ON CLG	L V WIRES CONN UNIT TO EVAPS & SHALL BE ROUTED SEPARATELY FROM POWER CONDUCTORS
177.03E2	1	REACH-IN REFRIGERATOR-SINGLE WIDE	120/1	2.7	20A	1/2"C-2#12	AP-2:31	SEE RMKS	SEE RMKS	EC TO EXTEND CIRCUIT TO 5-20R RECEPTACLE IN CHASE
178.05E1	3	REACH-IN FREEZER-SINGLE WIDE	120/1	11.0	20A	1/2"C-2#12	AP-1:25,30,35	5-20R	7'-6"	–
181.13E1	1	REFRIGERATOR – SPECIALTY COFFEE– 27" WIDE	120/1	3.9	20A	1/2"C-2#12	AP-2:22	BY KES	SEE RMKS	EC TO EXTEND CIRCUIT TO 5-20R RECEPTACLE IN CHASE
181.14E1	1	REFRIGERATOR – WORK TOP – 48" WIDE	120/1	5.0	20A	1/2"C-2#12	AP-2:8	5-20R	2'-0"	–
183.00E1	1	REFRIGERATOR/FREEZER – 2 DRAWER BASE – 30" W X 33" H	120/1	5.0	20A	1/2"C-2#12	AP-5:1	5-20R	2'-0"	–
183.02E1	1	REFRIGERATOR/FREEZER – 2 DRAWER BASE – 30" W X 30" H	120/1	5.0	20A	1/2"C-2#12	AP-5:3	5-20R	2'-0"	–
183.02E2	2	REFRIGERATOR/FREEZER – 2 DRAWER BASE – 30" W X 30" H	120/1	5.0	20A	1/2"C-2#12	AP-5:5,7	BY KES	SEE RMKS	EC TO EXTEND CIRCUIT TO 5-20R RECEPTACLE IN CHASE
183.02E3	1	REFRIGERATOR/FREEZER – 2 DRAWER BASE – 30" W X 30" H	120/1	5.0	20A	1/2"C-2#12	AP-5:9	BY KES	5'-6"	PLUGS INTO OVERHEAD RECEPTACLE # 320C4W(Y) PROVIDED BY KES– HEIGHT TO BOTTOM OF RECEPTACLE
196.05E1	1	SAFE – STANDARD BLDG.	120/1	1.0	20A	1/2"C-2#12	AP-1:7	5-20R	2'-0"	PROVIDE LOCKOUT TYPE CB
196.08E1	1	BOCA	120/1 ISOLATED	8.2	20A	1/2"C-2#12IG	CP:33	IG5262	2'-0"	–

PB = Pullbox
JB = Junction Box
EC = Electrical Contractor
VIF = Verify in Field

ELECTRICAL SCHEDULE

TAG #	QTY	DESCRIPTION	VOLT/PH	FLA	BRK SIZE	COND/WIRE	PNL/CCT	RECEP TYPE	HGT AFF	REQUIREMENTS & REMARKS
196.08E2	1	BOCA	120/1 ISOLATED	1.8	20A	1/2"C-2#12IG	CP:33	IG5262	2'-0"	–
196.08E3	1	BOCA	DATA CABLE	–	–	2" C	–	4x4x4 PB	2'-0"	EXTEND 2" CONDUIT ABOVE CLG. W/ BUSHING FOR DATA CABLES
197.01E1	1	HAND WASH TIMER	120/1	0.1	20A	1/2"C-2#12	AP-1:33	5-20R	4'-6"	–
203.01E1	1	HEAT TREAT COMBINATION SHAKE/SUNDAE MACHINE	208/3	13.0	30A	3/4"C-3#8	AP-1:(18,20,22)	4x4x4 PB	1'-0"	RECEP #A460R9 BY KES, IF TAYLOR C602 IS ORDERED USE A 40A BRKR & #6 CONDUCTORS –EC MAKES FINAL CONN
205.08E1	1	BIC MACHINE	120/1	8.6	20A	1/2"C-2#12	AP-2:29	BY KES	SEE RMKS	EC TO EXTEND DEDICATED CIRCUIT TO 5-20R RECEPTACLE IN CHASE
205.09E2	1	FROZEN BEVERAGE DISPENSER	208/1	20.0	30A	1/2"C-2#10	AP-5:(17,19)	SEE RMKS	SEE RMKS	RECEP L6-30R IN CHASE BY KES, EC MAKES FINAL CONN
207.01E2	1	BLENDER – MCFLURRY – RAIL MOUNT	120/1	1.2	20A	1/2"C-2#12	AP-2:7	5-20R	4'-0"	
210.00E10	1	CASH RECYCLER	120/1 ISOLATED	4.4	20A	1/2"C-2#12IG	CP:27	(2) IG5262	SEE RMKS	PROVIDE RECEP. IN COUNTER-MOUNTED RACEWAY
210.00E4	1	CASH RECYCLER	120/1 ISOLATED	4.4	20A	1/2"C-2#12IG	CP:24	(2) IG5262	2'-10"	–
211.00E6	1	DELIVERY TABLETS	120/1	3.0	20A	1/2"C-2#12	AP-5:21	(2) 5-20R	5'-6"	–
214.02E1	1	TECHNOLOGY RACK	120/1 ISOLATED	5.0	20A	1/2"C-2#12IG	CP:11	IG4700	7'-6"	FOR SWITCHES, HUBS AND RADIUS
214.02E3	1	TECHNOLOGY RACK	120/1 ISOLATED	10.0	20A	1/2"C-2#12IG	CP:15	IG4700	3'-0"	FOR CASHLESS DEVICE UPS
214.02E4	1	TECHNOLOGY RACK	120/1 ISOLATED	12.0	20A	1/2"C-2#12IG	CP:17	IG4700	3'-0"	FOR POS SYSTEM UPS AND ORB CONTROLLER
214.02E5	1	TECHNOLOGY RACK	DATA CABLE	–	–	–	–	8x6x4 PB	7'-6"	EXTEND (2) 2 1/2" CONDUIT ABOVE CLG. W/BUSHING FOR DATA CABLES
214.02E6	1	TECHNOLOGY RACK	120/1 ISOLATED	14.0	30A	1/2"C-2#10IG	CP:12	L5-30R IG	3'-0"	FOR POS SYSTEM UPS
215.00E12	1	POS REGISTER – FRONT COUNTER	120/1 ISOLATED	3.0 EA.	–	3/4"C-2#12IG	CP:19	IG4700	SEE RMKS	PROVIDE IG RECEP. IN COUNTER-MOUNTED RACEWAY
215.00E3	1	POS REGISTER – FRONT COUNTER	DATA CABLE	–	–	–	–	4x4x4 PB	10"	EXTEND 2" CONDUIT TO ABOVE CEILING FOR POS DATA CABLES
215.02E1	1	POS REGISTER – 2 WINDOW D/T	120/1 ISOLATED	3.0 EA.	SEE RMKS	1/2"C-2#12IG	SEE REMARKS	(2)IG4700	2'-5"	IN ORDER BOOTH, CONNECT TO CP:7 – IF INCLUDED IN PRESENTERS BOOTH, CONNECT TO CP:8
215.02E10	2	POS REGISTER – 2 WINDOW D/T	120/1 ISOLATED	3.0 EA.	20A	1/2"C-2#12IG	CP:1	BY KES	SEE RMKS	EC TO EXTEND CIRCUIT TO IG4700 RECEPTACLE IN CHASE
215.02E12	1	POS REGISTER – 2 WINDOW D/T	–	–	–	–	–	18x12x4 PB	10"	REFER TO D/T LOW VOLTAGE CONDUIT DIAGRAM FOR CONDUITS UNDER SLAB AND EXTEND (2) 2 1/2"C. TO ABOVE CLG.
215.02E13	2	POS REGISTER – 2 WINDOW D/T	–	–	–	–	–	4x4x4 PB	10"	EXTEND 1 1/2"C. UNDER SLAB TO 217.11E1 AND 2 1/2" C. TO ABOVE CEILING FOR POS DATA CABLES
215.04E1	2	POS – KVS MONITOR	120/1 ISOLATED	1.5 EA.	20A	1/2"C-2#12IG	CP:8	IG4700	FLUSH ON CLG	–
215.04E4	2	POS – KVS MONITOR	120/1 ISOLATED	1.5	20A	1/2"C-2#12IG	CP:26	SEE RMKS	SEE RMKS	EC TO EXTEND CIRCUIT TO IG4700 RECEPTACLE IN OEP
215.04E5	2	POS – KVS MONITOR	120/1 ISOLATED	1.5 EA.	20A	1/2"C-2#12IG	CP:3	SEE RMKS	SEE RMKS	EC TO EXTEND CIRCUIT TO IG4700 RECEPTACLE IN CHASE
215.04E7	2	POS – KVS MONITOR	120/1 ISOLATED	1.5 EA.	20A	1/2"C-2#12IG	CP:23	IG4700	5'-6"	–
215.04E8	1	POS – KVS MONITOR	DATA CABLE	–	–	–	–	4x4x4 PB	4'-0"	EXTEND 2" CONDUIT ABOVE CEILING. CABLE FURNISHED AND INSTALLED BY POS SYSTEM SUPPLIER
216.00E13	2	POS – VIDEO MONITOR	120/1 ISOLATED	1.5 EA.	20A	1/2"C-2#12IG	CP:3	SEE RMKS	SEE RMKS	EC TO EXTEND CIRCUIT TO IG4700 RECEPTACLE IN CHASE
216.00E14	4	POS – VIDEO MONITOR	120/1 ISOLATED	1.5 EA.	20A	1/2"C-2#12IG	CP:9	IG4700	SEE RMKS	EXTEND CONDUIT DOWN GRILL HOOD SHROUD AND PROVIDE IG4700 RECEPTACLE
216.00E7	3	POS – VIDEO MONITOR	120/1 ISOLATED	1.5 EA.	20A	1/2"C-2#12IG	CP:1	BY KES	SEE RMKS	EC TO EXTEND CIRCUIT TO IG4700 RECEPTACLE IN CHASE
217.03E4	1	POS – COD OPTICAL ISOLATOR	120/1 ISOLATED	1.0	20A	1/2"C-2#12IG	CP:14	IG5262	7'-6"	–
217.10E1	2	REMOTE DETECTOR LOOP	–	–	–	–	–	–	–	1 1/2"CONDUIT-CONN TO PULLBOX#215.03E5,215.01E4, OR 215.02E12 PER DRIVE-THRU CONFIG-SEE SITE PLAN
217.11E1	2	DETECTOR LOOP	–	–	–	–	–	–	–	1 1/2"CONDUIT-CONN TO PULLBOX#215.02E5,215.02E13, OR 215.02E4 PER DRIVE-THRU CONFIG-SEE SITE PLAN
217.13E1	1	MERGE POINT MONITOR (DOUBLE DRIVE THRU)	120/1	2.0	20A	1/2"C-2#12	AP-1:11	5-20R	3'-6"	DO NOT POWER FROM POS CIRCUIT
217.13E2	2	MERGE POINT MONITOR (DOUBLE DRIVE THRU)	120/1	2.0	20A	1/2"C-2#12	AP-1:11	BY KES	SEE RMKS	EC TO EXTEND CIRCUIT TO 5-20R RECEPTACLE IN CHASE
217.14E1	1	POS– VIDEO MONITOR (DOUBLE DRIVE THRU)	120/1 ISOLATED	1.5	SEE RMKS	1/2"C-2#12IG	CP:7	IG4700	3'-6"	–
217.18E1	3	HAND HELD ORDER TAKER AND MANAGEMENT OF SHIFT EQUIPMENT	120/1	5.0	20A	1/2"C-2#12	AP-1:15	5-20R	4'-6"	–
217.19E2	1	WIRELESS HEADSET BASE STATION	120/1 ISOLATED	1.9	20A	1/2"C-2#12IG	CP:1	IG4700	4'-6"	
217.19E3	1	WIRELESS HEADSET BASE STATION	DATA CABLE	–	–	–	–	4x4x4 PB	5'-0"	
217.24E1	1	DANGER POINT MONITOR (DOUBLE DRIVE-THRU)	120/1	2.0	20A	1/2"C-2#12	AP-1:11	5-20R	8'-0"	DO NOT POWER FROM POS CIRCUIT
217.26E1	1	ZOOM TIMER	120/1 ISOLATED	6.0	20A	1/2"C-2#12IG	CP:10	(2) IG4700	7'-6"	–
217.26E2	1	ZOOM TIMER	DATA CABLE	–	–	–	–	JB	7'-6"	JB W/ 1-1/2" C. TO TERMINATE ABOVE CEILING W/BUSHINGS. FOR DATA CABLES. SUPPLY W/ GROMMETED OPENING IN COVER PLATE
219.00E10	1	POS – RECEIPT PRINTER	120/1 ISOLATED	0.7	20A	3/4"C-2#12IG	SEE RMKS	IG4700	SEE RMKS	PROVIDE IG RECEP. IN COUNTER-MOUNTED RACEWAY, POWER FROM SAME CIRCUIT AS 215.00E12
219.00E3	1	POS – RECEIPT PRINTER/CASHLESS	120/1 ISOLATED	0.7	20A	1/2"C-2#12IG	CP:4,7 SEE RMKS	IG4700	2'-0"	FOR RECEIPT LOCATED IN FRONT COUNTER POWER FROM CP:4 IN PRESENTER'S BOOTH CP:7
219.00E7	2	POS – RECEIPT PRINTER	120/1 ISOLATED	0.7	20A	1/2"C-2#12IG	CP:3	BY KES	SEE RMKS	EC TO EXTEND IG CIRCUIT TO IG4700 RECEPTACLE IN KES OUTLET CHASE.
219.05E2	2	STICKY LABEL PRINTER	120/1 ISOLATED	0.7	20A	1/2"C-2#12IG	CP:1	BY KES	SEE RMKS	EC TO EXTEND IG CIRCUIT TO IG4700 RECEPTACLE IN CHASE
219.05E3	1	STICKY LABEL PRINTER	120/1 ISOLATED	0.7	20A	1/2"C-2#12IG	CP:3	IG4700	3'-2"	–
219.05E6	2	STICKY LABEL PRINTER	120/1 ISOLATED	0.7	20A	1/2"C-2#12IG	CP:3	IG4700	FLUSH ON CLG	–
219.06E1	1	LABELING SYSTEM	120/1 ISOLATED	2.0	20A	1/2"C-2#12IG	CP:8	IG5261	2'-0"	–
220.00E1	1	POS – COIN DISPENSER	120/1 ISOLATED	0.75	20A	1/2"C-2#12IG	CP:7	IG4700	2'-0"	–
221.09E1	1	O/O EQUIPMENT RACK	120/1 ISOLATED	4.0	20A	1/2"C-2#12IG	CP:31	IG5262	8'-0"	–
221.09E2	1	O/O EQUIPMENT RACK	DATA CABLE	–	–	2" C	–	4x4x4 PB	8'-0"	EXTEND 2" CONDUIT ABOVE CLG. W/ BUSHING FOR DATA CABLES
222.01E1	1	TIME CLOCK	120/1 ISOLATED	0.5	20A	1/2"C-2#12IG	CP:28	IG4700	4'-0"	–
222.01E2	1	TIME CLOCK	DATA CABLE	–	–	–	–	JB	4'-0"	EXTEND 1" CONDUIT ABOVE CEILING
223.07E1	1	WASHER	120/1	8.0	15A	1/2"C-2#12	AP-1:13	5-15R	3'-6"	–
225.03E3	2	OFFICE PACKAGE/DESK UNIT	120/1 ISOLATED	10.0	20A	1/2"C-2#12IG	CP:20,22	IG5262	4'-6"	FOR MONITOR, PRINTER AND THIN CLIENT
225.03E4	1	OFFICE PACKAGE/DESK UNIT	DATA CABLE	–	–	–	–	4x4x4 PB	4'-6"	EXTEND 2 1/2" CONDUIT ABOVE CLG. W/BUSHING FOR DATA CABLE
237.00E2	1	PIE DISPLAY	120/1	4.7	20A	1/2"C-2#12	AP-5:24	5-20R	5'-5"	–
237.00E4	1	PIE DISPLAY	120/1	4.7	20A	1/2"C-2#12	AP-5:26	BY KES	SEE RMKS	EC TO EXTEND CIRCUIT TO KES OUTLET IN CHASE
700.09E1	1	ECONOMY OEP BOX W/MOUNTING HARDWARE	–	–	–	–	–	BY KES	SEE RMKS	CEILING MOUNTED
700.10E1	1	BULK OIL SYSTEM	120/1	7.2, 10.0	(2) 20A	1/2"C- 2#12	AP-2:15,27	(2)5-20R	8'-0"	PROVIDE DOUBLE DUPLEX WALL PLATE. FOR OIL PUMP AND RECIRCULATION HEATING SYSTEM
700.10E2	1	BULK OIL SYSTEM	120/1	6.9	20A	1/2"C-2#12	AP-5:25	5-20R	1'-6"	FOR GRILL GREASE PUMP
700.10E3	1	BULK OIL SYSTEM	PHONE BOX	–	–	–	–	RJ-11C JACK	8'-0"	TELEPHONE LINE FOR TELEMETRY SYSTEM
700.11E1	1	OEP UTILITY PANEL W/ MOUNTING HARDWARE – STATIC BOX	–	–	–	–	–	–	SEE RMKS	SUPPLIED WITH RECEPTACLES,ITEM MOUNTS ON CEILING
700.24E1	2	WATER HEATER – ELECTRIC HEAT PUMP	208/1	67.0	80A	1"C-2#3	MDP:13,17	JB	SEE RMKS	EC SUPPLIES LOCK ON MOLDED CASE CIRCUIT BREAKER OR 100A-1P NF DISC SW MTD 9" BELOW CEILING PER NEC SECT. 422.31(C)
701.01E1	4	HAND DRYER	120/1	9.1	20A	1/2"C-2#12	AP-6:1,3,5,7	JB	SEE RMKS	INSTALL JB AT A MOUNTING HGT. THAT RESULTS IN DRYER BOTTOM EDGE TO BE AT 44" AFF.
701.13E1	3	DCO – GENERAL PURPOSE	120/1	1.5	20A	1/2"C-2#12	AP-1:1	5-20R	4'-6"	CONTROL VIA CONTACTOR PANEL. PERMANENTLY MARK RECEP.
701.13E14	2	DCO – GENERAL PURPOSE	120/1	1.7	20A	1/2"C-2#12	AP-1:1	5-20R	4'-6"	CONTROL VIA CONTACTOR PANEL. PERMANENTLY MARK RECEP. PROVIDE USB CHARGER RECEP., HUBBELL USB20X2* AND DEEP BOX AS REQ.
701.13E17	1	DCO – GENERAL PURPOSE	120/1	3.0	20A	1/2"C-2#12	AP-1:3	(2) 5-20R	1'-6"	PROVIDE DOUBLE DUPLEX WALL PLATE
701.13E18	1	DCO – GENERAL PURPOSE	120/1	1.5	20A	1/2"C-2#12	AP-1:3	5-20R	4'-6"	–
701.13E19	1	DCO – GENERAL PURPOSE	120/1	1.7	20A	1/2"C-2#12	AP-1:1	5-20R	3'-6"	CONTROL VIA CONTACTOR PANEL. PERMANENTLY MARK RECEP.
701.13E2	2	DCO – GENERAL PURPOSE	120/1	1.7	20A	1/2"C-2#12	AP-1:1	5-20R	3'-6"	CONTROL VIA CONTACTOR PANEL. PERMANENTLY MARK RECEP. PROVIDE USB CHARGER RECEP., HUBBELL USB20X2* AND DEEP BOX AS REQ.
701.13E3	7	DCO – GENERAL PURPOSE	120/1	1.5	20A	1/2"C-2#12	AP-2:6	5-20R	1'-6"	–
701.13E4	2	DCO – GENERAL PURPOSE	120/1	3.0	20A	1/2"C-2#12	AP-1:3	(2) 5-20R	FLUSH ON CLG	PROVIDE DOUBLE DUPLEX WALL PLATE
701.13E9	2	DCO – GENERAL PURPOSE	120/1	1.5	20A	1/2"C-2#12	AP-2:42	5-20R	1'-6"	–
701.14E1	1	TELEPHONE	PHONE BOX	–	–	–	–	RJ-11C JACK	4'-6"	–
701.14E3	1	TELEPHONE	PHONE BOX	–	–	–	–	RJ-11C JACK	3'-6"	–
701.15E1	1	DOOR BUZZER	120/1	.5	20A	1/2"C-2#12	LP-1:16	–	8'-0"	CONNECT TRANSFORMER TO POWER & ROUTE LOW VOLTAGE WIRES OVERHEAD TO DOOR BUTTON
701.16E1	1	DOOR ALARM	120/1	.5	20A	1/2"C-2#12	LP-1:16	JB	SEE RMKS	JUNCTION BOX ABOVE CEILING, PROVIDE LOCKOUT ON CIRCUIT BREAKER HANDLE.
701.27E1	1	DCO-SATELLITE MUSIC SYSTEM	120/1	1.0	20A	1/2"C-2#12	AP-5:30	(2) 5-20R	3'-0"	PROVIDE DOUBLE DUPLEX WALL PLATE
701.32E1	1	REMOTE ORDER TAKER BATTERY PACK	120/1	2.0	20A	1/2"C-2#12	AP-1:9	(2) 5-20R	4'-6"	PROVIDE DOUBLE DUPLEX WALL PLATE. FIELD VERIFY HEIGHT AND LOCATION WITH ACM

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REV	DATE	DESCRIPTION	BY
	12/10/24	DESIGN REVIEW	JAY
1	03/20/25	PLAN CHECK COMMENTS	JAY

Professional of Record:

PM DESIGN
Architectural
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19401 40TH AVE W
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PRCNC20241917

JAMES A. YBARRA
54390
3/19/25
Seal

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY
JAY
STD ISSUE DATE
12/10/24
REVIEWED BY
JAY
DATE ISSUED
03/20/25

TITLE
2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

DESCRIPTION
2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID
046-1172
SITE ADDRESS
2902 E. Pioneer, Puyallup, WA 98372

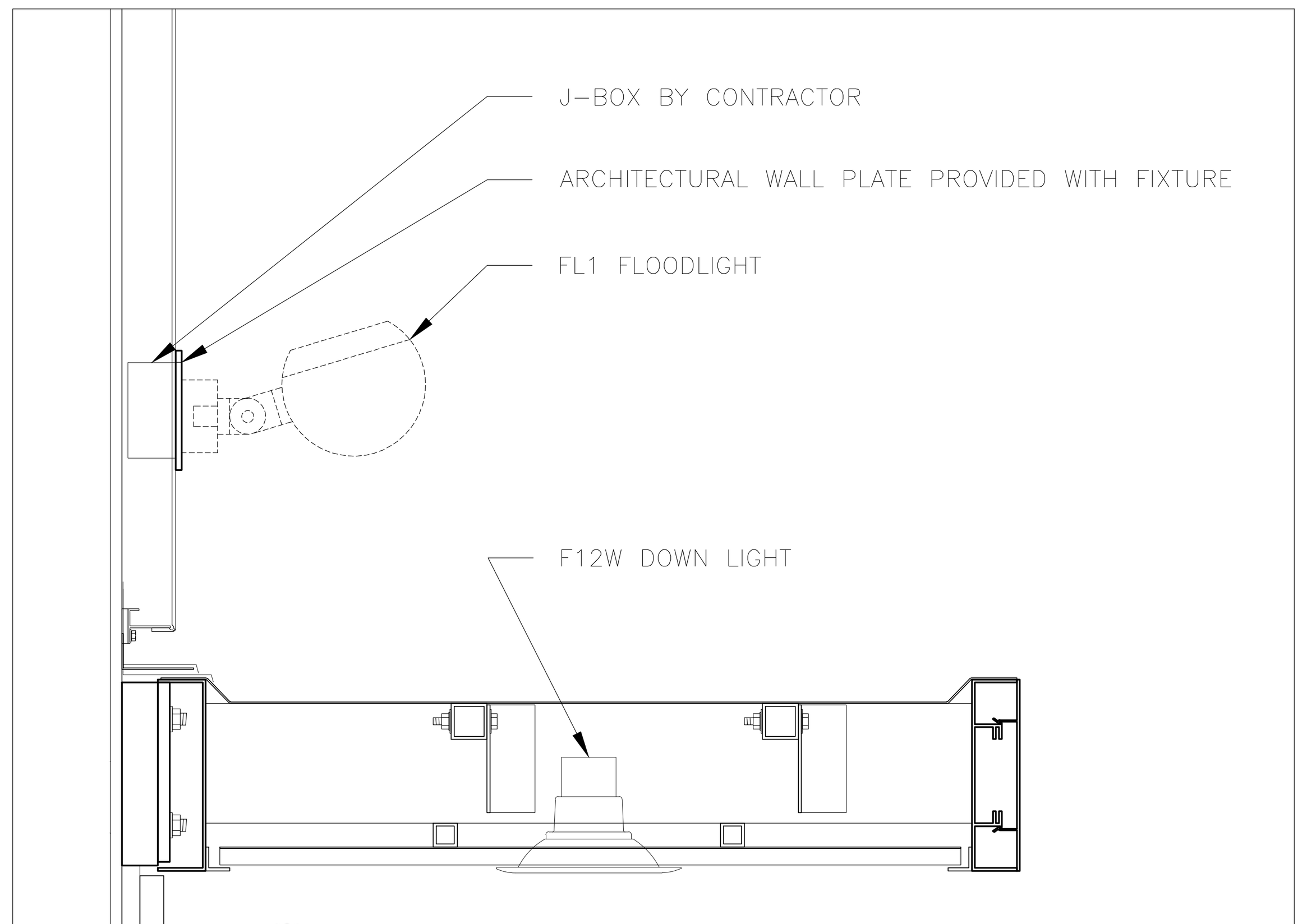
046-1172.00.0
E3.0
ROUGH-IN SCHEDULE

MCD24092.0 – PUYALLUP, WA

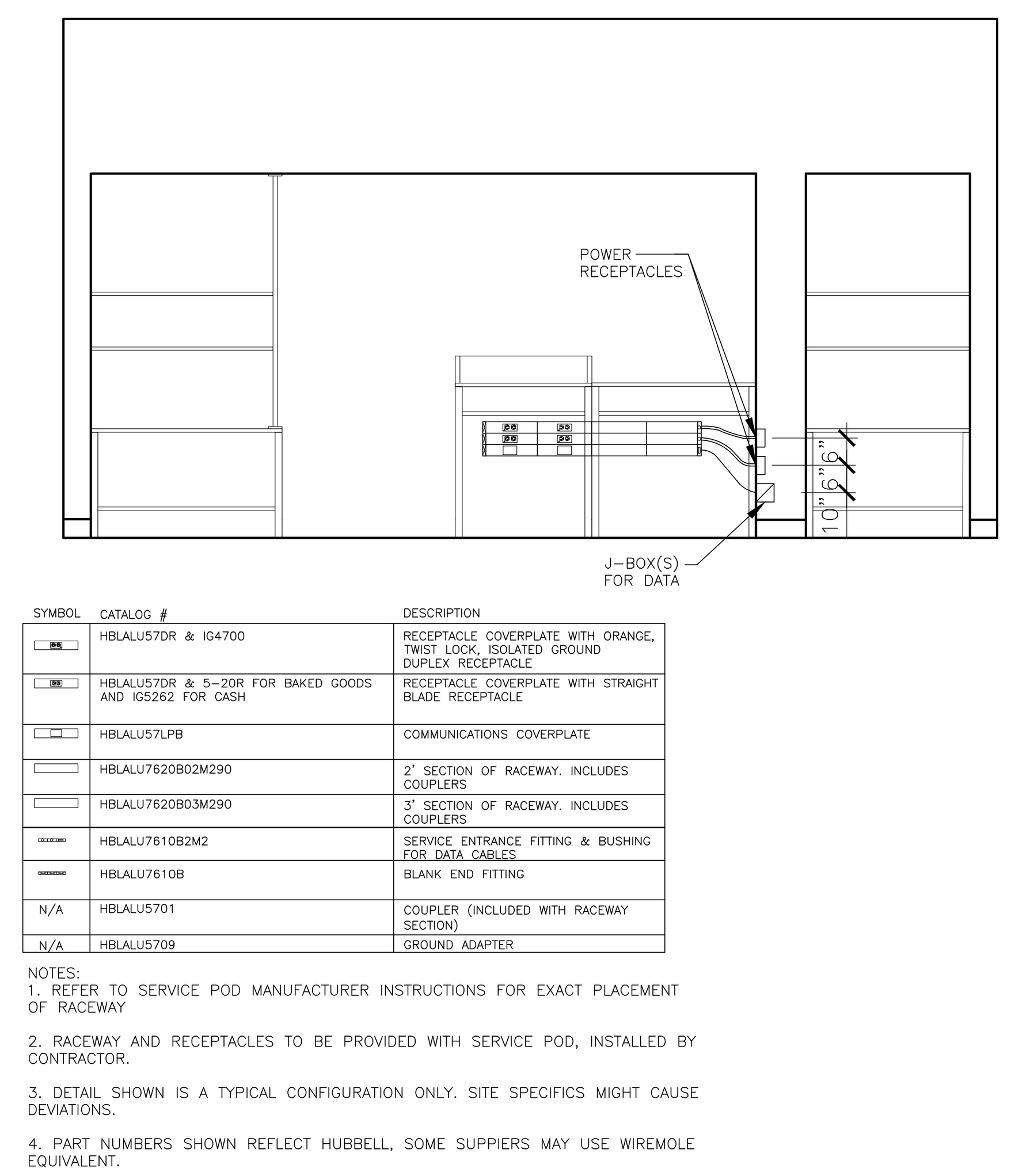
PB = Pullbox
JB = Junction Box
EC = Electrical Contractor
VIF = Verify in Field

ELECTRICAL SCHEDULE

TAG #	QTY	DESCRIPTION	VOLT/PH	FLA	BRK SIZE	COND/WIRE	PNL/CCT	RECEP TYPE	HGT AFF	REQUIREMENTS & REMARKS
701.34E1	1	ACCESS CONTROL PANEL	120/1	2.0	20A	1/2"C-2#12	LP-1:16	JB	8'-0"	ROUTE LOW VOLTAGE WIRES TO DOOR BUTTON, HORN AND DOOR STRIKE AS REQUIRED. SUPPLY WITH 4 RELAY CONTROL BOARD.

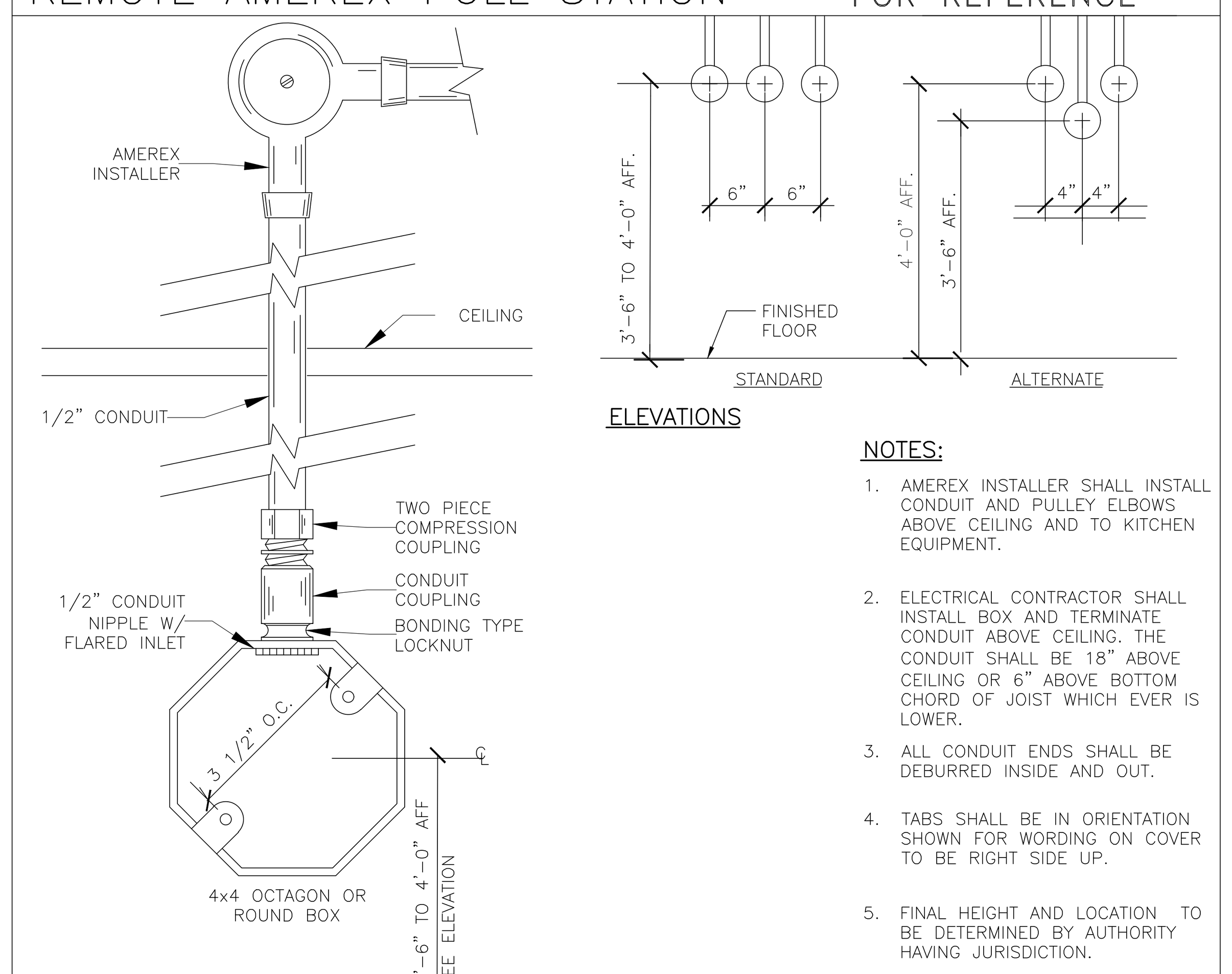


2 E-3.1 FLOODLIGHT MOUNTING DETAIL
NOT TO SCALE



1 E-3.1 SERVICE POD RACEWAY DETAIL
NOT TO SCALE

REMOTE AMEREX PULL STATION — FOR REFERENCE



NOTES:

1. AMEREX INSTALLER SHALL INSTALL CONDUIT AND PULLEY ELBOWS ABOVE CEILING AND TO KITCHEN EQUIPMENT.
2. ELECTRICAL CONTRACTOR SHALL INSTALL BOX AND TERMINATE CONDUIT ABOVE CEILING. THE CONDUIT SHALL BE 18" ABOVE CEILING OR 6" ABOVE BOTTOM CHORD OF JOIST WHICH EVER IS LOWER.
3. ALL CONDUIT ENDS SHALL BE DEBURRED INSIDE AND OUT.
4. TABS SHALL BE IN ORIENTATION SHOWN FOR WORDING ON COVER TO BE RIGHT SIDE UP.
5. FINAL HEIGHT AND LOCATION TO BE DETERMINED BY AUTHORITY HAVING JURISDICTION.

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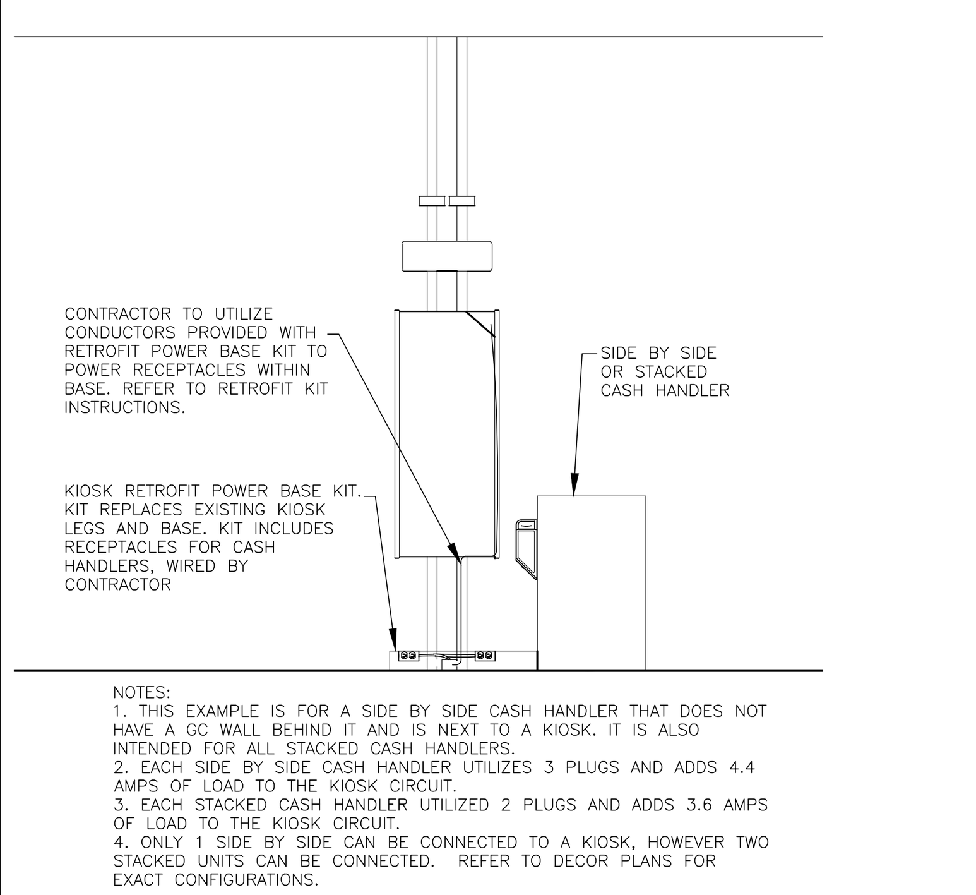
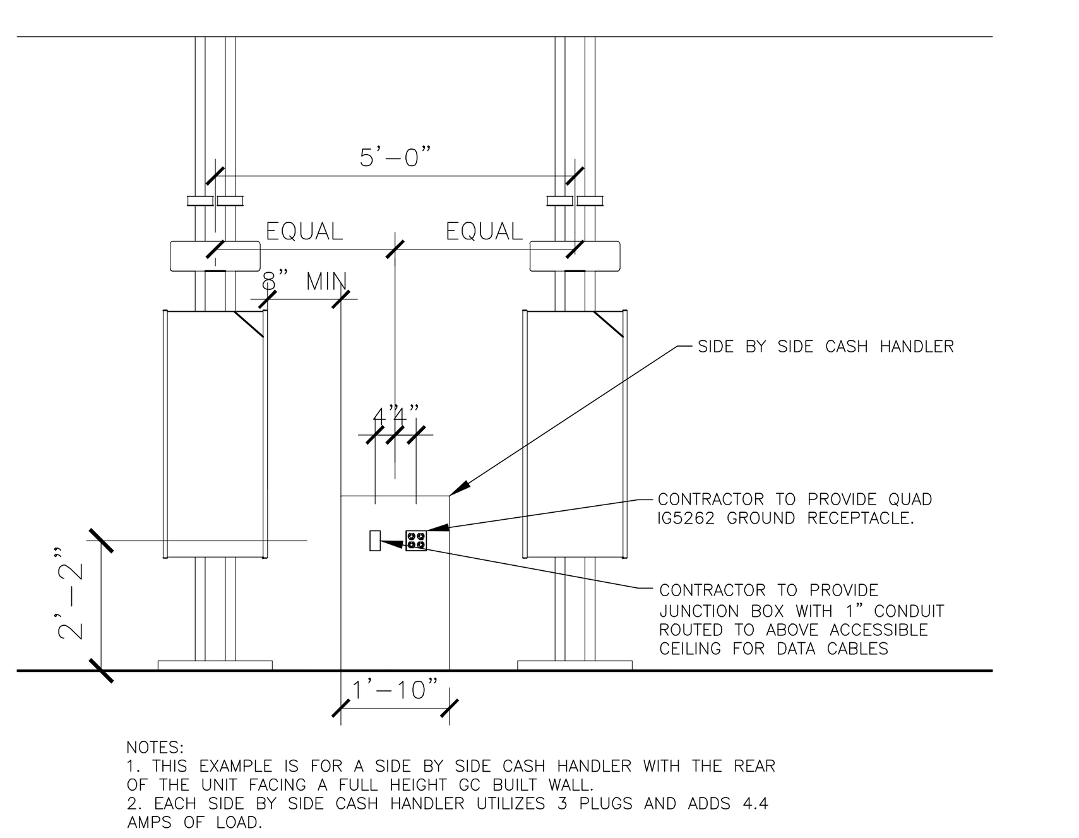


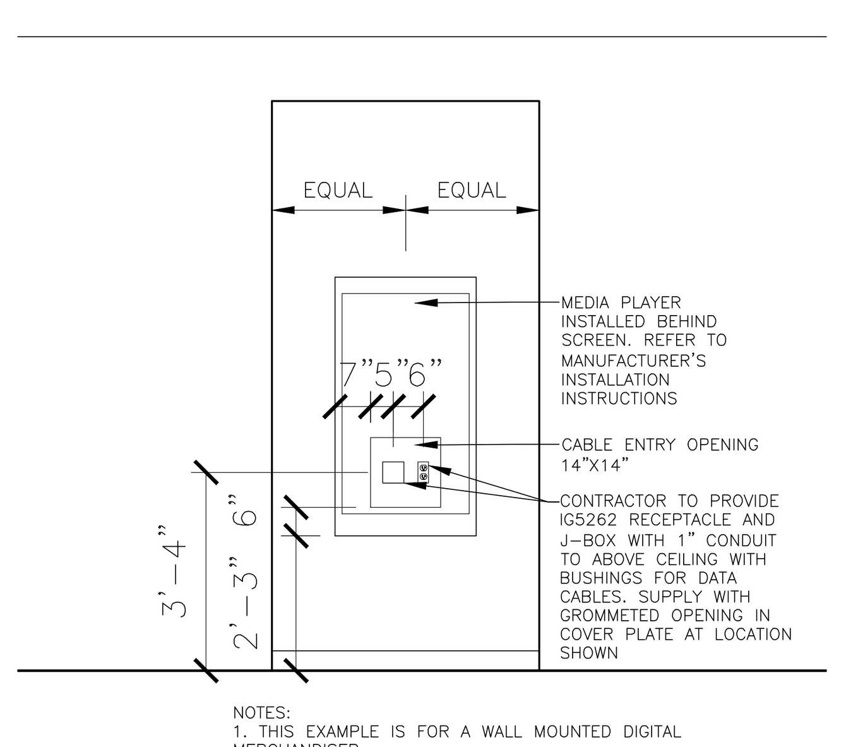
NOTES:
1. THIS EXAMPLE IS FOR A SIDE BY SIDE CASH HANDLER THAT DOES NOT HAVE A GC WALL BEHIND IT AND IS NEXT TO A KIOSK. IT IS ALSO INTENDED FOR ALL STACKED CASH HANDLERS.
2. EACH SIDE BY SIDE CASH HANDLER UTILIZES 3 PLUGS AND ADDS 4.4 AMPS OF LOAD TO THE KIOSK CIRCUIT.
3. EACH STACKED CASH HANDLER UTILIZES 2 PLUGS AND ADDS 3.6 AMPS OF LOAD TO THE KIOSK CIRCUIT.
4. ONLY 1 SIDE BY SIDE CAN BE CONNECTED TO A KIOSK, HOWEVER TWO STACKED UNITS CAN BE CONNECTED. REFER TO DECOR PLANS FOR EXACT CONFIGURATIONS.

5 E-3.1 TYP. CASH HANDLER POWER DETAIL
NOT TO SCALE



NOTES:
1. THIS EXAMPLE IS FOR A SIDE BY SIDE CASH HANDLER WITH THE REAR OF THE UNIT FACING A FULL HEIGHT GC BUILT WALL.
2. EACH SIDE BY SIDE CASH HANDLER UTILIZES 3 PLUGS AND ADDS 4.4 AMPS OF LOAD.

4 E-3.1 CASH HANDLER POWER DETAIL W/REAR TO WALL
NOT TO SCALE



NOTES:
1. THIS EXAMPLE IS FOR A WALL MOUNTED DIGITAL MERCHANDISER.

3 E-3.1 DIGITAL MERCHANDISER POWER DETAIL
NOT TO SCALE

GENERAL ELECTRICAL NOTES:

INSTALLATION METHODS:

M1. ALL ELECTRICAL MATERIAL USED ON THIS PROJECT SHALL BE "UL" LISTED AND LABELED.

M2. ALL DIMENSIONS SHOWN ARE TAKEN FROM FACE OF GYP BOARD/PLYWOOD. THE EC SHALL MAKE NECESSARY DIMENSIONAL ALLOWANCES. ALL DIMENSIONS SHOWN ARE TO CENTER LINE OF OUTLET BOX AND/OR RECEPTACLE UNLESS NOTED OTHERWISE.

M3. ALL J-BOXES, DCOs, AND OTHER ELECTRICAL DEVICES SHOWN SHALL BE RECESSED INTO A WALL, FLOOR OR CEILING UNLESS SPECIFICALLY NOTED OTHERWISE.

M4. ALL RECEPTACLES (EXCEPT SPECIFIED HUBBELL PIN & SLEEVE TYPES) SHALL BE FURNISHED BY THE EC. THE RECEPTACLES INCLUDING PIN AND SLEEVE TYPE SHALL BE INSTALLED BY THE EC.

M5. EC SHALL PROVIDE STAINLESS STEEL COVER PLATES ON ALL RECEPTACLES AND J-BOXES. ADDITIONALLY, EC SHALL PROVIDE ORANGE NYLON COVER PLATES MARKED "COMPUTER ONLY" ON ALL ISOLATED GROUND/DEDICATED CIRCUIT RECEPTACLES. PURCHASE PJ8CO (ONE DUPLEX) OR PJ82CO (TWO DUPLEX) FROM HUBBELL.

M6. ROUGH-INS FOR OPTIONAL EQUIPMENT ARE SHOWN ON THESE SHEETS. EC SHALL VERIFY WITH McDONALD'S PROJECT MANAGER WHICH OPTIONAL EQUIPMENT IS TO BE INCLUDED AND INSTALL OPTIONAL ROUGH-INS AS REQUIRED. PRICING FOR OPTIONAL ROUGH-INS SHALL BE INCLUDED IN BID AND CALLED OUT AS OPTIONAL.

M7. EC SHALL COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER, MECHANICAL CONTRACTOR AND GC FOR FINAL LOCATIONS AND CONNECTION REQUIREMENTS OF ALL EQUIPMENT PRIOR TO INSTALLATION OF ANY CONDUIT AND/OR STUB-UP LOCATIONS.

M8. CEILING MOUNTED ECONOMY OEP BOX IS FURNISHED BY McDONALD'S, AND INSTALLED BY THE GC. CORD AND PLUG SET FURNISHED BY KES AND INSTALLED BY THE EC.

M9. FOR GRILLS, FRYERS, AND ANSUL SYSTEMS, EC SHALL EXTEND CONDUIT AND CONDUCTORS DOWN CHASE OR WALL TO TERMINAL BLOCK MOUNTED ON EQUIPMENT AND MAKE FINAL CONNECTIONS TO TERMINAL BLOCKS.

M10. ALL HOLES IN THE FRONT COUNTER FOR THE POS CORDS AND CABLES SHALL BE LOCATED BY OWNER AND DRILLED BY GC.

M11. ALL ELECTRICAL CONDUCTORS SHALL BE CONNECTED TO RECEPTACLES USING ONLY THE TERMINAL SCREWS. RECEPTACLE BACK WIRE/QUICK CONNECTIONS SHALL NOT BE USED. HUBBELL EDGE CONNECT IS APPROVED ALTERNATIVE.

M12. EC SHALL PROVIDE 208V HEAT TRACE ON THE FREEZER EVAPORATOR CONDENSATE DRAIN LINE. HEAT TRACE SHALL OPERATE CONTINUOUSLY. EC SHALL WIRE HEAT TRACE TO FREEZER EVAPORATOR POWER SUPPLY. A SEPARATE CIRCUIT FOR HEAT TRACE IS NOT REQUIRED. VERIFY HEAT TRACE REQUIREMENTS WITH EVAPORATOR MANUFACTURER

M13. POWER AND CONTROL CORDS ARE FURNISHED WITH KITCHEN APPLIANCES. THE EC SHALL CONNECT CORD SETS TO APPLIANCES AS REQUIRED.

M14. GC SHALL NOT INSTALL CEILING TILE IN AREAS OF THE BEVERAGE BAR REFRIGERATION LINES AND EQUIPMENT PENETRATION LOCATIONS UNTIL THE LINES HAVE BEEN INSTALLED. THE CEILING TILE INSTALLER SHALL RETURN AND INSTALL THE TILES AFTER THE REFRIGERATION LINES HAVE BEEN INSTALLED AND TESTED.

UTILITIES:

U1. INCOMING SERVICE SHALL BE 208Y/120V, 3 PHASE, 4 WIRE. ANY DEVIATIONS TO THIS SERVICE TYPE SHALL NOT BE PERMITTED UNLESS APPROVED IN WRITING BY McDONALD'S.

U2. THE EC SHALL ARRANGE WITH THE ELECTRIC, TELEPHONE, AND OTHER UTILITY COMPANIES FOR INCOMING SERVICE REQUIREMENTS AND SHALL INCLUDE ALL COSTS IN BASE BID.

U3. THE EC SHALL VERIFY EXACT METHODS AND REQUIREMENTS FOR ELECTRICAL SERVICE WITH LOCAL UTILITY COMPANY. CURRENT TRANSFORMERS SHALL BE INSTALLED OUTSIDE RESTAURANT, LOCATE INSIDE ONLY IF REQUIRED BY UTILITY COMPANY OR LOCAL AUTHORITIES.

U4. PROVIDE CONCRETE PAD IF TRANSFORMER IS LOCATED ON GRADE AND PROVIDE SECONDARY SERVICE FEEDER AND CONDUITS TO PANEL MDP AS PER LOCAL UTILITY REQUIREMENTS.

U5. THE EC/GC/ACM SHALL OBTAIN AVAILABLE SHORT CIRCUIT CURRENT FROM THE LOCAL UTILITY COMPANY. THE EC/GC/ACM SHALL ADVISE IN WRITING (FAX SUPPLIER THE UTILITY LETTER) THE AVAILABLE AMOUNT OF FAULT CURRENT. THE PANELBOARD SUPPLIER SHALL BE RESPONSIBLE TO VERIFY THAT THE ELECTRICAL EQUIPMENT SHIPPED HAS APPROPRIATE ELECTRICAL RATINGS WHICH ARE EQUAL TO OR GREATER THAN THE AVAILABLE AMOUNT OF FAULT CURRENT AT THE SITE.

U6. EC AND ACM OR OWNER/OPERATOR AND ACM SHALL COORDINATE WITH LOCAL PHONE COMPANY TO PROVIDE A 10 PAIR (OR MORE) COPPER TELEPHONE CABLE FROM THE TELEPHONE UTILITY EASEMENT TO THE RESTAURANT TELEPHONE DEMARCATION POINT. IF THE TELEPHONE PANEL/BOX IS LOCATED INSIDE THE RESTAURANT, EC SHALL PROVIDE (2) EMPTY 3/4" CONDUITS FROM THE TELEPHONE PANEL/BOX UP TO ABOVE THE CEILING FOR FUTURE TELEPHONE CABLE INSTALLATION. ADDITIONALLY, THE EC SHALL PROVIDE AN EMPTY 3/4" CONDUIT FROM THE TELEPHONE PANEL/BOX TO THE LOCATION OF THE FUTURE INTERNET SERVER (VERIFY LOCATION WITH PM). EC SHALL CONNECT, INSTALL AND INCORPORATE ALL OTHER REQUIREMENTS NECESSARY FOR COMPLETE AND OPERATIONAL TELEPHONE SYSTEM(S) FOR THIS SITE. THE REMAINING UNUSED TELEPHONE CONDUCTOR PAIRS SHALL BE CAPPED AND LEFT IN PLACE FOR FUTURE USE. THE TELEPHONE PANEL/BOX SHALL BE GROUNDED AS SHOWN IN THE "BUILDING ELECTRICAL GROUNDING DETAIL."

U7. EC SHALL PROVIDE A 4" SCHEDULE 40/80 PVC CONDUIT THAT IS SUITABLE FOR DIRECT BURIAL FROM BUILDING TO UTILITY EASEMENT/ROW IN UTILITY CABLING/CONDUIT TRENCH PROVIDED BY GC. CONDUIT SHALL RUN FROM INCOMING TELCOM LOCATION AT BUILDING TO TELECOM PEDESTAL LOCATION IN UTILITY EASEMENT/ROW. VERIFY EXACT LOCATIONS IN FIELD WITH AREA CONSTRUCTION MANAGER AND TELECOM UTILITY PROVIDER PRIOR TO INSTALLATION.

INSTALLATION NOTES:

1. IF TELCOM CONDUIT IS TERMINATED WITHIN BUILDING, PVC SHALL TRANSITION TO HWG/RMC TYPE CONDUIT PRIOR TO RISING ABOVE FINISHED SLAB.
2. PROVIDE THERMOPLASTIC BUSHINGS AT BOTH ENDS OF CONDUIT FOR CABLING PROTECTION.
3. IF 90 DEGREE BENDS ARE REQUIRED, CONTRACTOR SHALL PROVIDE WIDE SWEEPING BENDS TO PREVENT BENDING/DAMAGE TO CABLE
4. ALL COMMUNICATIONS CABLING SHALL BE PULLED VIA THIS CONDUIT.
5. INSTALL A MINIMUM OF 6 PULL WIRES IN CONDUIT TO ALLOW FOR THE INSTALLATION OF FUTURE CABLING. USE NON-DEGRADING POLYPROPYLENE OR MONOFILAMENT PLASTIC LINE OR #12 AWGT SOLID COPPER CONDUCTORS WITH NOT LESS THAN 200 LBF TENSILE STRENGTH. PROVIDE AT LEAST 12 INCHES OF SLACK AT EACH END OF PULL WIRE.
6. AFTER INSTALLATION OF COMMUNICATIONS CABLING AND PULLSTRINGS/WIRES, CONTRACTOR SHALL SEAL BOTH ENDS OF CONDUIT TO PREVENT INTRUSION FROM WEATHER, RODENTS, DEBRIS, ETC. SEAL SHALL BE OF TYPE TO ALLOW FOR REMOVAL FOR INSTALLATION OF FUTURE CABLING

CONDUIT AND WIRE:

W1. THE FOLLOWING WIRING METHODS SHALL NOT BE USED: NON-METALLIC SHEATHED CABLE (ROMEX, NM, NMC, & NMS), ARMORED CABLE TYPE AC (BX), ELECTRICAL NON-METALLIC TUBING, TYPE ENT (SMURF-TUBE).

W2. CONDUIT RUNS MAY BE COMBINED EXCEPT WHERE ISOLATED GROUNDS ARE USED. IG CIRCUITS SHALL BE RUN IN SEPARATE CONDUITS. ALL HOME RUNS SHALL BE SIZED BASED ON DERATED CONDUCTOR AMPACITIES AND INCREASE CONDUIT AND WIRE SIZE AS REQUIRED BY NEC SECTION 310 REQUIREMENTS.

W3. CONDUIT SHALL HAVE A MAXIMUM OF 4 BENDS WITHOUT A JUNCTION BOX TO PREVENT DAMAGE TO CABLE DURING PULLING. THE EC SHALL PIGTAIL #12 PULL WIRE AT EACH END FOR INSTALLER TO PULL CABLE. ALL LOW VOLTAGE CONDUIT STUB-UPS SHALL BE PROVIDED WITH A BUSHING.

W4. MINIMUM WIRE SIZE SHALL BE #12 AWG COPPER UNLESS NOTED OTHERWISE. MINIMUM CONDUIT SIZE SHALL BE 1/2" UNLESS NOTED OTHERWISE. WIRES INSTALLED UNDERGROUND OR OUTDOORS SHALL BE THW.

W5. CONDUCTORS #10 AWG AND SMALLER SHALL BE SOLID COPPER. CONDUCTORS #8 AND LARGER SHALL BE STRANDED COPPER. ALUMINUM CONDUCTORS SHALL NOT BE UTILIZED FOR FEEDER OR BRANCH CIRCUIT DISTRIBUTION.

W6. RACEWAYS SHALL BE ANY OF THE FOLLOWING MATERIALS, INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES:

OUTDOORS: (FOR SPECIFIC APPLICATIONS AND APPROPRIATE FITTINGS, SEE TABLE W6)

1. EXPOSED: RMC, IMC.
2. CONCEALED: RMC, IMC.
3. BELOW GRADE, SINGLE RUN: RNC, RMC.
4. BELOW GRADE, GROUPED: RNC, RMC.
5. CONNECTION TO VIBRATING EQUIPMENT (INCLUDING TRANSFORMERS AND HYDRAULIC, PNEUMATIC, ELECTRIC SOLENOID, OR MOTOR-DRIVEN EQUIPMENT): LFMC.
6. BOXES AND ENCLOSURES: NEMA 250, TYPE 3R OR 4.

INDOORS: (FOR SPECIFIC APPLICATIONS AND APPROPRIATE FITTINGS, SEE TABLE W6)

1. EXPOSED: EMT, IMC.
2. CONCEALED: EMT, IMC.
(CONTINUED ON TOP)

3. CONNECTION TO VIBRATING EQUIPMENT (INCLUDING TRANSFORMERS AND HYDRAULIC, PNEUMATIC, ELECTRIC SOLENOID, OR MOTOR-DRIVEN EQUIPMENT): FMC; EXCEPT USE LFMC IN DAMP OR WET LOCATIONS.
4. DAMP OR WET LOCATIONS: RIGID STEEL CONDUIT.
5. BOXES AND ENCLOSURES: NEMA 250, TYPE 1, EXCEPT AS FOLLOWS: A. DAMP, WET OR KITCHEN LOCATIONS: NEMA 250, TYPE 4, STAINLESS STEEL.

TABLE W6:

LOCATION	208V.	480V.	LOW ENERGY*
EXPOSED			
INDOORS	< 1" EMT COMPRESS. FTGS >1.25" IMC THREADED FTGS	IMC THREADED FTGS	EMT COMPR. FTGS
OUTDOORS	RMC OR IMC THREADED FTGS	RMC OR IMC THREADED FTGS	RMC OR IMC THREADED FTGS
CONCEALED			
WALLS	<2" EMT SET SCREW FTGS >2.5" IMC THREADED FTGS	<2" EMT SET SCREW. FTGS >2.5" IMC THREADED FTGS	EMT 1/2"- 2" SET SCREW FTGS 2.5" - 4" COMPR. FTGS
AIR HANDLING CEILING/SPACE	<2" EMT COMPR. FTGS >2.5" IMC THREADED. FTGS	2" EMT COMPR. FTGS < >2.5" IMC THREADED. FTGS	EMT COMPR. FTGS
NON AIR HANDLING CEILING/SPACE	<2" EMT SET SCREW FTGS >2.5" IMC THREADED. FTGS	<2" EMT COMPR. FTGS >2.5" IMC THREADED. FTGS	EMT 1/2" - 2" SET SCREW FTGS 2.5"- 4" COMPR. FTGS
BELOW GRADE			
INTERIOR	IMC THREADED FTGS OR SCHEDULE 40 OR 80 PVC	IMC THREADED FTGS	IMC THREADED FTGS SCHEDULE 40 OR 80 PVC
EXTERIOR	SCHEDULE 40 OR 80 PVC OR RMC THREADED FTGS	SCHEDULE 40 OR 80 PVC OR RMC THREADED FTGS	SCHEDULE 40 OR 80 PVC OR RMC THREADED FTGS

W7. ALL CONDUITS PENETRATING THE FREEZER/COOLER BOX SHALL BE SEALED IN COMPLIANCE NEC SECTION 300 AND THE FREEZER/COOLER BOX MANUFACTURERS REQUIREMENTS.

W8. PROVIDE THREE (3) 3/4" EMPTY CONDUITS FROM PANEL LP-1 UP TO THE CEILING SPACE AND CAP FOR FUTURE USE.

GROUNDING:

G1. ALL BRANCH AND FEEDER CIRCUITS SHALL BE GROUNDED BY TWO METHODS. THE FIRST METHOD SHALL INCLUDE AN INSULATED COPPER EQUIPMENT GROUNDING CONDUCTOR CONTAINED WITHIN THE SAME CONDUIT AS THE PHASE CIRCUIT CONDUCTORS AND SIZED PER NEC SECTION 250 REQUIREMENTS. THIS INSULATED EQUIPMENT GROUNDING CONDUCTOR SHALL HAVE ONE END PROPERLY TERMINATED AT THE EQUIPMENT GROUND BUS IN THE CORRESPONDING CIRCUIT BREAKER PANEL, AND THE OTHER END TERMINATED AT THE GROUNDING CONTACT OF A GROUNDING RECEPTACLE AND TO THE JUNCTION BOX OR TO AN EQUIPMENT CABINET, AS APPLICABLE. THE SECOND METHOD PROVIDES EQUIPMENT GROUNDING VIA METALLIC CONDUIT THAT IS CONNECTED AND TERMINATED IN FITTINGS LISTED FOR GROUNDING PER NEC SECTION 250 REQUIREMENTS. BOTH GROUNDING METHODS ARE REQUIRED IN A MCDONALD'S RESTAURANT. ISOLATED GROUND SHALL BE INSTALLED WHERE INDICATED ON PLAN AND AS SHOWN IN POS ISOLATED GROUND/DEDICATED CIRCUIT DETAIL ON SHEET E4.2.

G2. THE BUILDING GROUNDING SYSTEM SHALL COMPLY WITH NEC ARTICLE 250, MCDONALD'S SPECIFICATIONS, AND SHEET E4.2. CAUTION: IT IS A SAFETY HAZARD AND AN NEC VIOLATION TO HAVE ANY NEUTRAL TO GROUND CONNECTIONS BEYOND THE MAIN ELECTRICAL DISCONNECT MEANS. MCDONALD'S GROUNDING STANDARDS PURPOSELY EXCEED THOSE GIVEN BY THE NEC. THE EC SHALL PROVIDE A BUILDING GROUNDING SYSTEM MEETING NEC SECTION 250 REQUIREMENTS AS WELL AS MCDONALD'S STANDARDS.

G3. EC SHALL REFER TO "POS ISOLATED GROUND/DEDICATED CIRCUIT DETAIL, SHEET E4.2, FOR REQUIRED WIRING REQUIREMENTS OF COMPUTER PANEL CP.

G4. METAL RACEWAYS CONTAINING A GROUNDING ELECTRODE CONDUCTOR SHALL BE BONDED AT BOTH ENDS AS REQUIRED BY NEC SECTION 250 REQUIREMENTS.

TEMPERATURE CONTROLS:

T1. REMOTE TEMPERATURE SENSORS: EC SHALL PROVIDE 1/2" CONDUIT FROM JUNCTION BOX ABOVE CEILING DOWN TO SENSOR MOUNTED AT 4'-0" TO 4'-6" AFF.

T2. SEE DETAIL ON SHEET M3.0. FOR SENSOR MOUNTING DETAIL. LOCATION OF WALL MOUNTED TEMPERATURE SENSORS ARE SHOWN ON SHEET M1.2 AND E2.0.

T3. WHEN WIRING FOR PROGRAMMABLE THERMOSTATS AND REMOTE SENSORS IS NOT IN A CONDUIT, THE WIRING SHALL BE RUN TO THE UNDERSIDE OF THE ROOF DECK. NONE OF THE WIRING SHALL BE ROUTED OVER FLUORESCENT BALLASTS, POWER BOXES OR IN A CONDUIT WITH LINE VOLTAGE WIRING AS ELECTRICAL INTERFERENCE (NOISE) WILL CAUSE ERRATIC CONTROL OPERATION. ALL THERMOSTATS SHALL BE MOUNTED 4'-0" AFF.

FLAT PANEL TELEVISIONS:

TV1. EC SHALL PROVIDE A DUPLEX RECEPTACLE AND A LOW VOLTAGE BROADBAND CONNECTION FOR THE INSTALLATION OF FLAT PANEL TELEVISIONS. COORDINATE EXACT LOCATIONS WITH DECOR COMPANY. FOR BROADBAND CONNECTION, EC SHALL PROVIDE A 4 X 4 BOX WITH A 3/4" CONDUIT STUB-UP WITH A BUSHING INTO ACCESSIBLE CEILING SPACE.

ELECTRICAL PANELS:

E1. THE EC SHALL BE RESPONSIBLE FOR BALANCING THE LOADS ON ALL PANELS.

E2. THE EC SHALL PROVIDE ELECTRICAL SERVICE TO THE EQUIPMENT MOUNTED BREAKER PANEL. SEE ELECTRICAL ROUGH-IN PLAN AND SCHEDULE FOR ALL REQUIREMENTS.

E3. THE EC SHALL BE RESPONSIBLE FOR THE PROPER IDENTIFICATION AND LABELING OF ALL CIRCUIT BREAKERS. EACH PANEL SHALL BE PROVIDED WITH AN ACCURATE TYPEWRITTEN CIRCUIT DIRECTORY AT THE CONCLUSION OF THE PROJECT AND PRIOR TO RESTAURANT OPENING.

SECURITY AND DRIVE-THRU CAMERAS:

S1. EC TO PROVIDE ELECTRICAL POWER AND COMMUNICATION CONDUITS FOR BUILDING MOUNTED SECURITY AND DRIVE THRU CAMERAS. COORDINATE FINAL LOCATIONS WITH SECURITY AND DRIVE THRU CAMERA INSTALLERS.

LIGHTING:

L1. PROVIDE A WEATHERPROOF JUNCTION BOX IN PARAPET FOR FASCIA SIGN. FINAL CONNECTION BY OTHERS.

L2. COORDINATE THE LOCATION OF JUNCTION BOX (IN THE WALL) WITH THE OPENING IN TRELLIS (FOR THE LIGHT FIXTURE WIRES). THE LOCATION OF THE JUNCTION BOX AND THE OPENING IN THE TRELLIS SHALL BE ALIGNED FOR THE LIGHT FIXTURE TO BE INSTALLED PROPERLY. COORDINATE INSTALLATION OF JUNCTION BOX AND ANY NECESSARY OPENINGS IN TRELLIS WITH GC AND TRELLIS/CANOPY MANUFACTURER. SEE LIGHT FIXTURE INSTALLATION INSTRUCTIONS FOR REQUIREMENTS REGARDING MOUNTING BRACKETS FOR USE IN C-CHANNEL TRELLISES.

L3. EC SHALL FIELD VERIFY THAT LIGHT FIXTURES DO NOT OBSTRUCT OR CONFLICT WITH THE WORK OF OTHER TRADES. IF A DISCREPANCY IS FOUND, THE EC SHALL IMMEDIATELY NOTIFY THE GC BEFORE THE THE INSTALLATION OF SUCH FIXTURE(S). EC SHALL COORDINATE LOCATIONS OF ALL LIGHT FIXTURES IN DINING AREA WITH FINAL SEATING AND DECOR PLANS.

L4. IF PC-POS CASH REGISTER SYSTEM IS INSTALLED, EC SHALL RELOCATE FIXTURES ABOVE FRONT COUNTER TO AVOID GLARE ON THE CASH REGISTER SCREENS. EC SHALL INSTALL CABLE WHIP TO FIXTURES SO THAT FIXTURE MAY BE RELOCATED FOUR FEET WITHOUT DISCONNECTING CABLE WHIP.

L5. EC SHALL COORDINATE LOCATION OF ALL EXTERIOR LIGHTS TO AVOID INTERFERENCE WITH ANY CORBELS, TRUSSES, BEAMS OR OTHER SPECIAL EXTERIOR TREATMENTS. INSTALL LIGHT FIXTURES WITH CORRECT ORIENTATION PER MANUFACTURER'S INSTRUCTIONS

L6. THE USE OF INTERLOCK TYPE "MC" CABLE IN LENGTHS OF 6 FEET OR LESS (WHERE PERMITTED BY LOCAL CODES) SHALL BE ALLOWED FOR WIRING TO INTERIOR LIGHTING FIXTURES. "ROMEX" OR "BX" SHALL NOT BE USED.

L7. EC SHALL VERIFY THAT NOT MORE THAN 3% VOLTAGE DROP EXISTS FROM THE LIGHTING PANEL TO ANY EXTERIOR LIGHTING FIXTURE OR SIGNAGE BALLAST.

L8. WHERE MCDONALD'S RESTAURANT HAS A PLAYPLACE, THE EC SHALL COORDINATE EXACT LOCATION OF PLAYPLACE LIGHTING WITH PLAYPLACE TOY VENDOR FOR MAXIMUM ILLUMINATION AND SAFETY PER THE FINAL LOCATION OF THE PLAYPLACE TOY. LIGHTING FIXTURES SHALL NOT BE MOUNTED TO THE TOY OR ANY PART OF THE TOY STRUCTURE.

L9. EC SHALL VERIFY ALL TAP SETTINGS FOR H.I.D. LIGHTING FIXTURES AND MAKE ANY NECESSARY CORRECTIONS PRIOR TO INSTALLATION.

REV	DATE	DESCRIPTION	BY
	12/10/24	DESIGN REVIEW	JAY
1	03/20/25	PLAN CHECK COMMENTS	JAY

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PRCNC20241917

JAMES A. YBARRA — STATE OF WASHINGTON — 54390 — REGISTERED PROFESSIONAL ENGINEER
Seal 3/19/25

PREPARED FOR: McDonald's USA, LLC

DRAWN BY JAY
STD ISSUE DATE 12/10/24
REVIEWED BY JAY
DATE ISSUED 03/20/25

TITLE 2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA

DESCRIPTION 2024 STANDARD BUILDING - WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID 046-1172
SITE ADDRESS 2902 E. Pioneer, Puyallup, WA 98372

046-1172.00.0
E3.1
NOTES & DETAILS

MCD24092.0 - PUYALLUP, WA

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SEQUENCE OF OPERATION:

1. TURNING "ON" ANY PIECE OF COOKING EQUIPMENT UNDER A HOOD WILL TURN ON THE EXHAUST FAN AND ASSOCIATED RTU PROVIDING MAKEUP AIR FOR THAT HOOD.
2. TURNING "OFF" THE LAST PIECE OF COOKING EQUIPMENT UNDER A HOOD WILL TURN OFF THE EXHAUST FAN FOR THAT HOOD.
3. IF THE ANSUL SYSTEM SHOULD DISCHARGE WHILE THE COOKING EQUIPMENT AND EXHAUST FAN ARE OPERATING, THE COOKING EQUIPMENT WILL BE SHUT OFF, BUT THE EXHAUST FAN WILL CONTINUE TO RUN AND WILL FORCE THE ROOFTOP UNITS INTO A "SCHEDULED" MODE
4. THE ANSUL SYSTEM MUST BE RECHARGED AND MANUALLY RESET BEFORE THE COOKING EQUIPMENT WILL AGAIN BE ABLE TO OPERATE.
5. THE ON/OFF SWITCH ON THE EXHAUST FAN IS NORMALLY KEPT IN THE "ON" POSITION. IF IT IS TURNED OFF FOR SERVICE, THE COOKING EQUIPMENT WILL TURN OFF AND NOT BE ABLE TO OPERATE UNTIL THE EXHAUST FAN ON/OFF SWITCH IS AGAIN TURNED ON.

INTERLOCK DIAGRAM LEGEND

- ● TERMINAL BLOCK IN CHASE
- CTB – CHASE TERMINAL BLOCK. PROVIDED AND INSTALLED BY KITCHEN EQUIPMENT SUPPLIER
- ETB – EQUIPMENT TERMINAL BLOCK
- EFCR – EXHAUST FAN CONTROL RELAY. PROVIDED BY CONTRACTOR.
- IGR – INTERNAL GRILL RELAY PROVIDED WITHIN GARLAND GRILLS
- MS – ANSUL MICROSWITCH PROVIDED BY KITCHEN EQUIPMENT SUPPLIER

- >> CONTROL CORD PLUG & RECEPTACLE
- ——— FIELD WIRING
- ═══ CONTROL CORD/INTERNAL WIRING
- - - - FACTORY WIRING
- ——— EQUIPMENT OR ENCLOSURE

City of Puyallup
Development & Permitting Services
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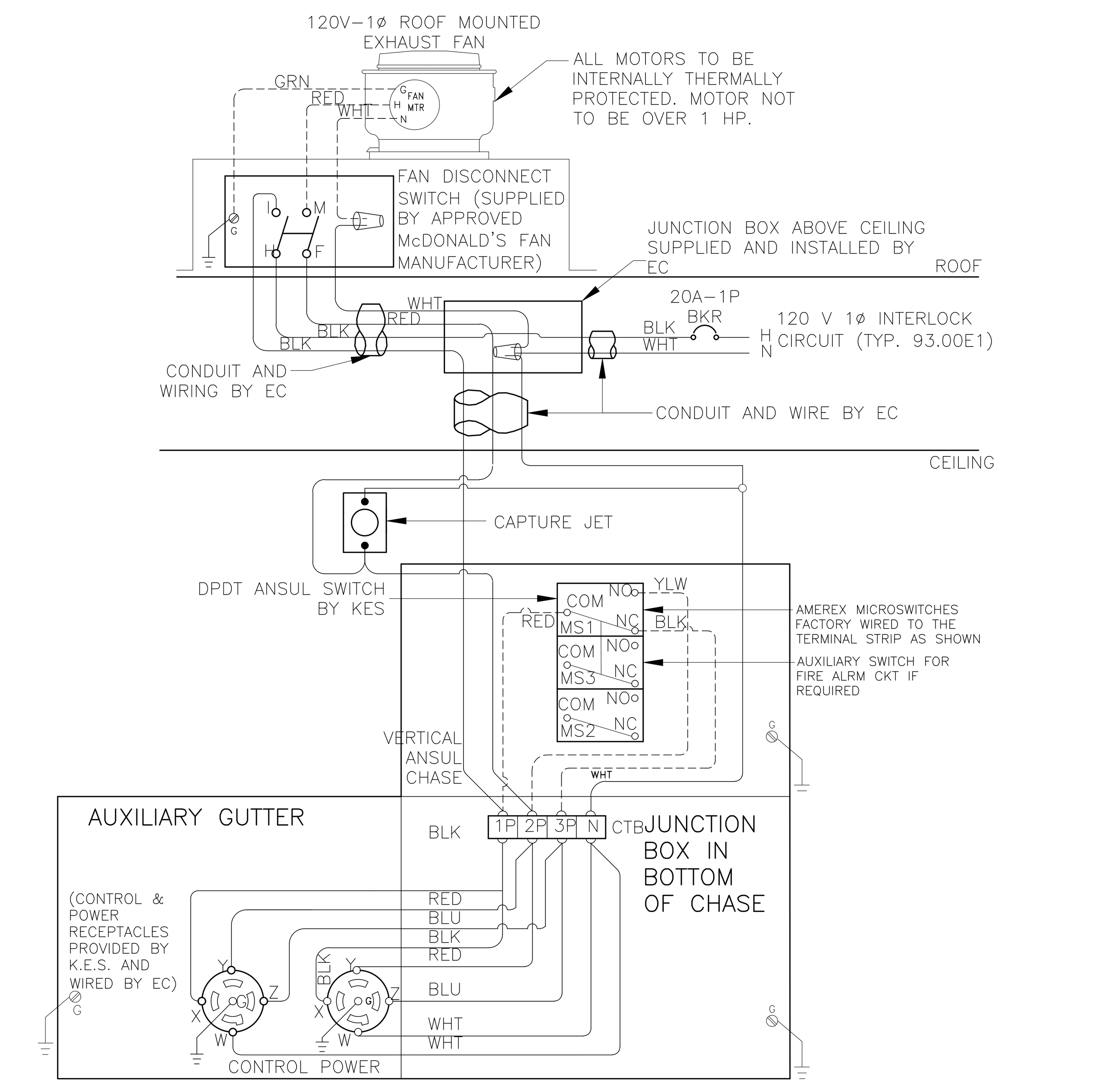
Building	Planning
Engineering	Public Works
Fire	Traffic

COOKING EQUIPMENT EXHAUST FAN	MAKE UP PROVIDED BY
EF/1	RTU–3
EF/2	RTU–1
EF/3	RTU–2

NOTE
RTU # ASSOCIATED WITH EACH EXHAUST FAN BASED ON PROTOTYPICAL VALUES ONLY. VERIFY THAT EXHAUST FAN ACTIVATES THE CORRESPONDING RTU TO PROVIDE AN ADEQUATE AMOUNT OF MAKEUP AIR.

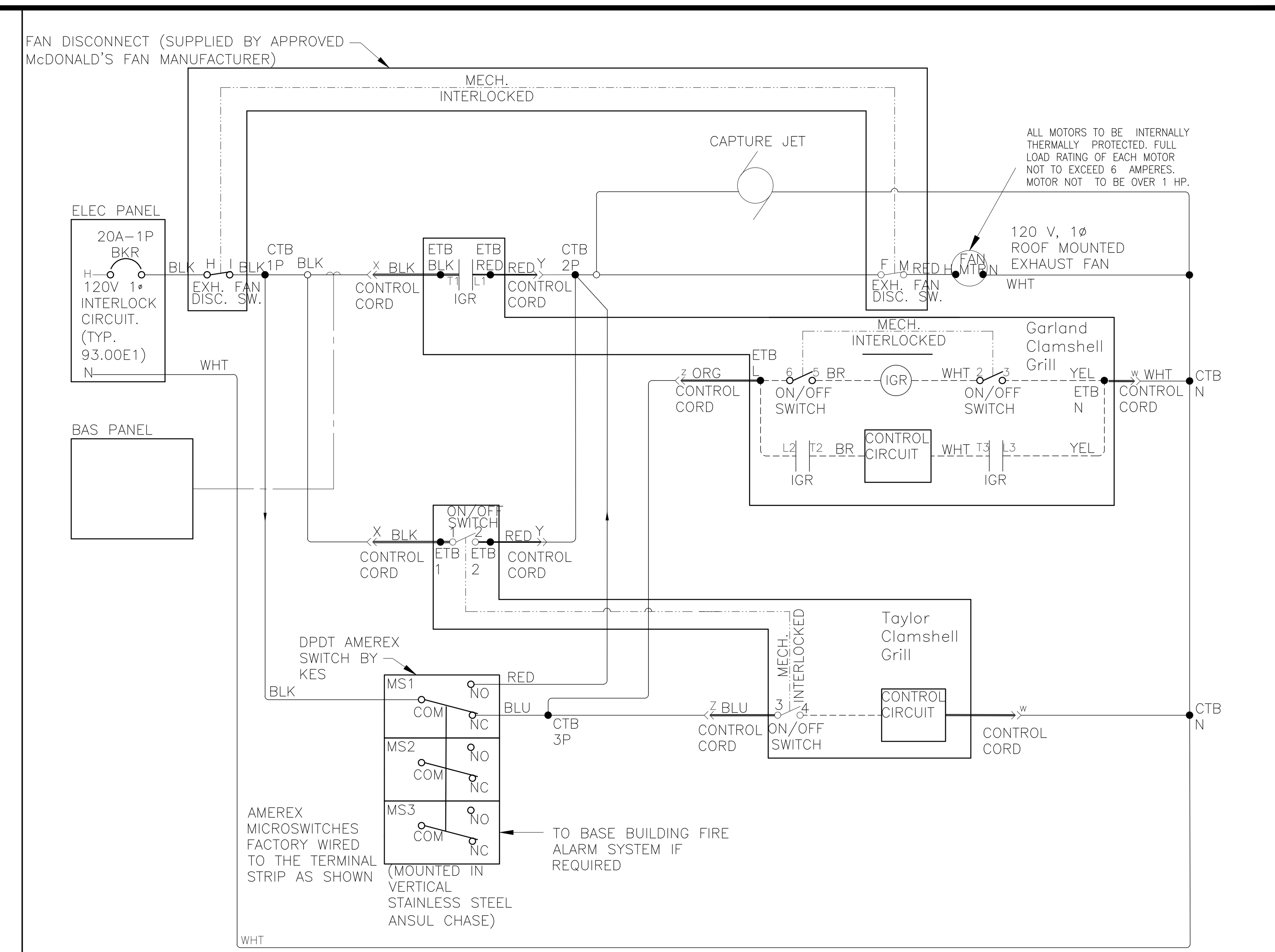
1 E-3.2 TYPICAL MAKEUP AIR RTU EXHAUST FAN SCHEDULE
FOR REFERENCE ONLY

REVISED: 6/18



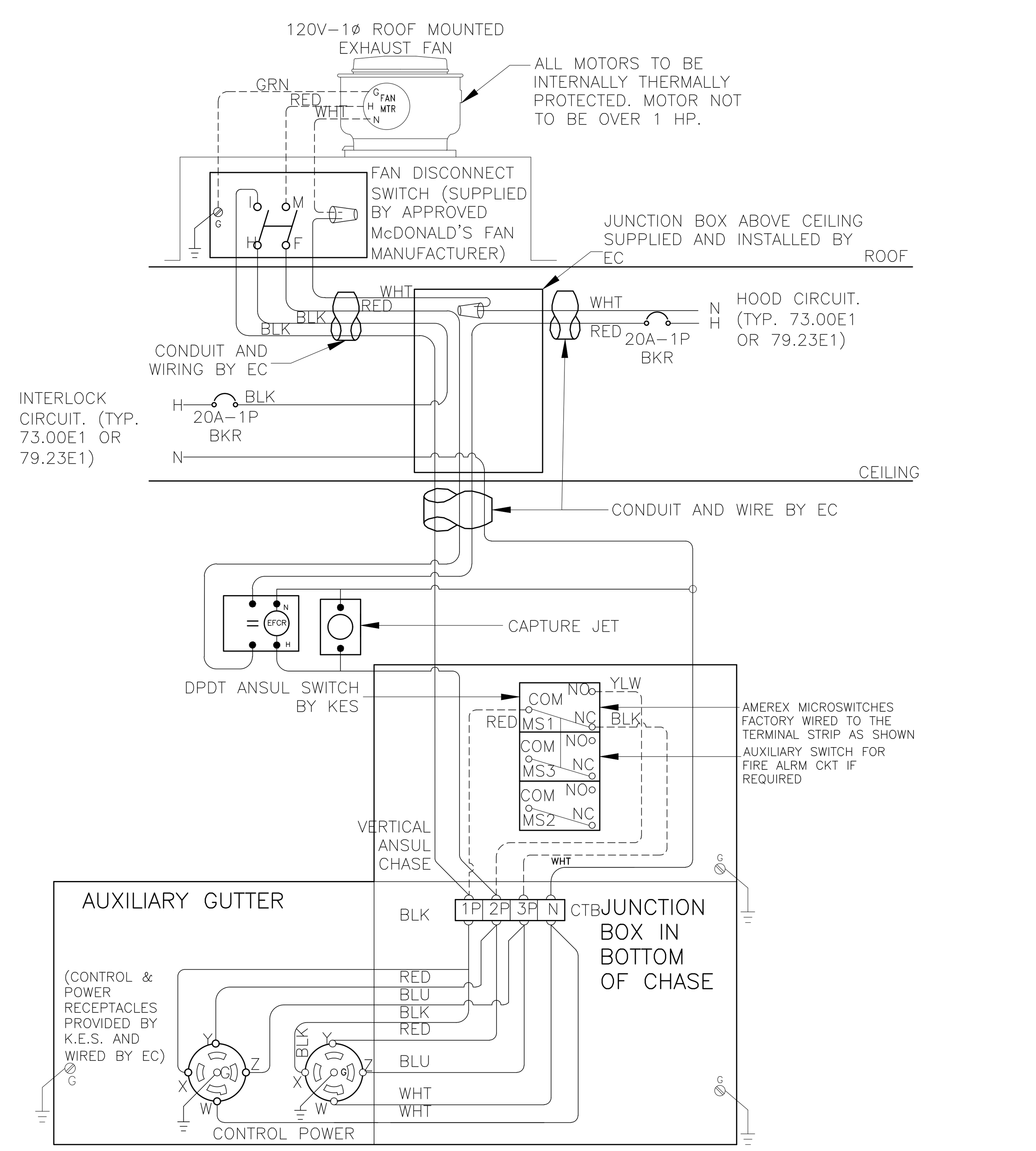
2 E-3.2 INTERLOCK WIRING DIAGRAM FOR EXHAUST FAN AND COOKING EQUIPMENT
FOR REFERENCE ONLY

REVISED: 6/18



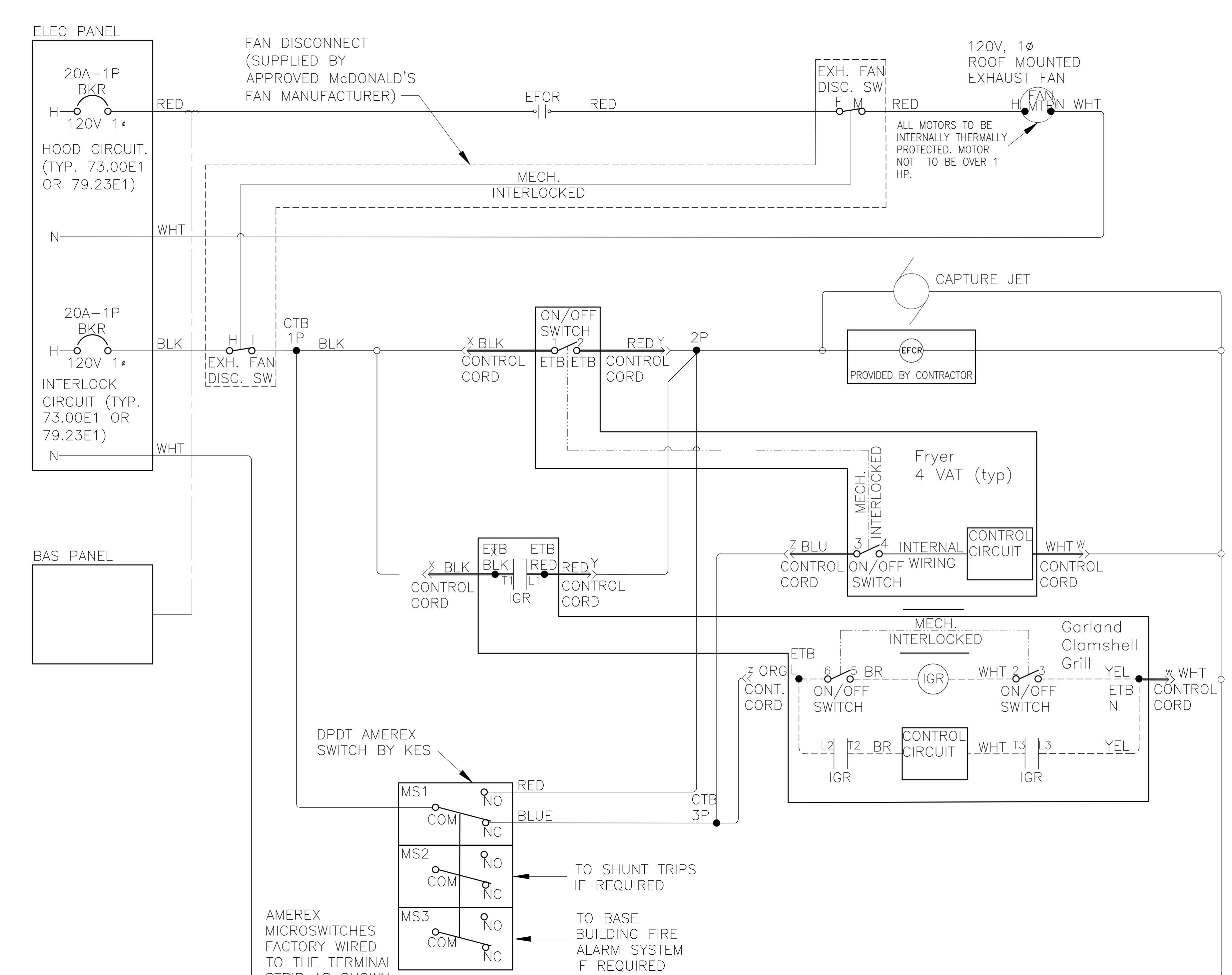
3 E-3.2 INTERLOCK LADDER DIAGRAM
FOR REFERENCE ONLY

REVISED: 6/18



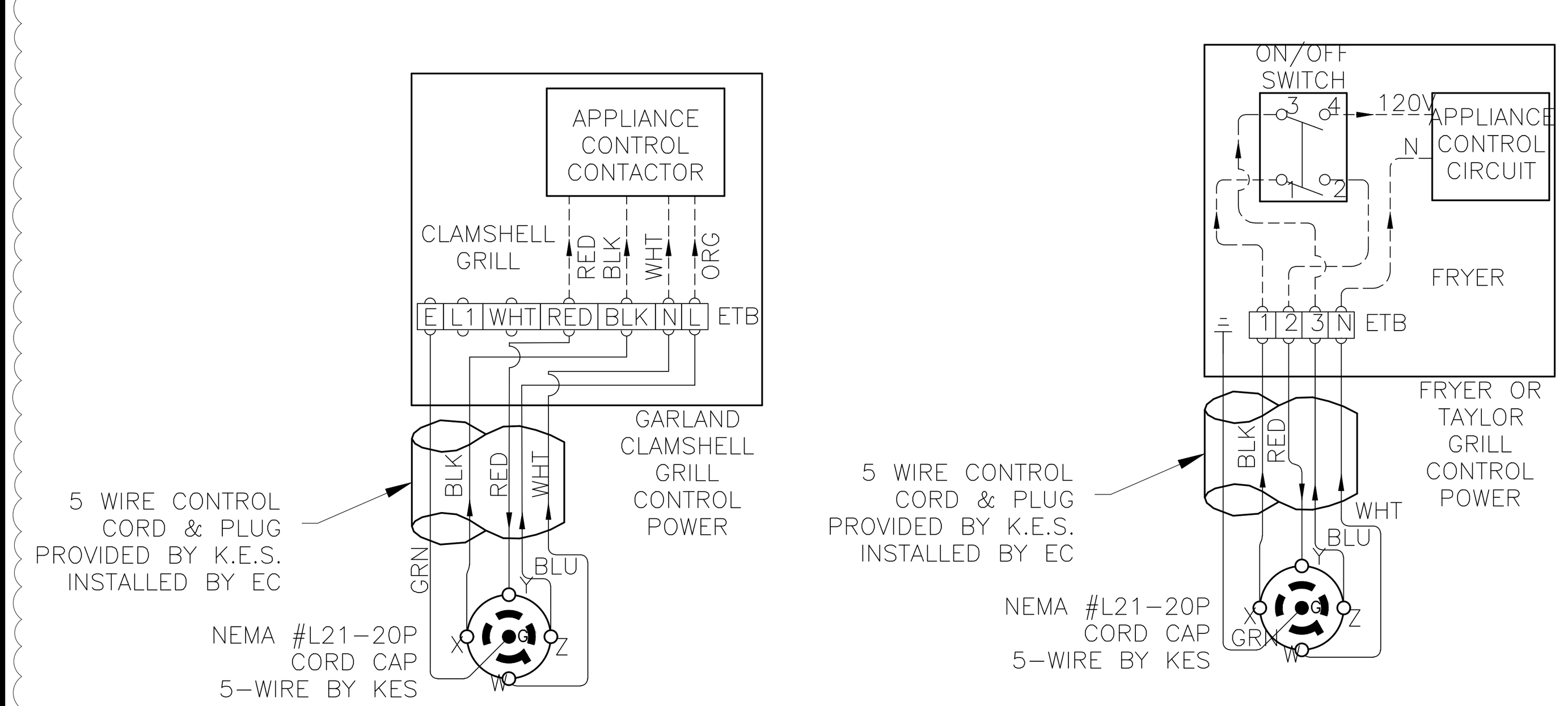
5 E-3.2 INTERLOCK WIRING DIAGRAM FOR EXHAUST FAN AND COOKING EQUIPMENT
FOR REFERENCE ONLY

REVISED: 6/18



6 E-3.2 INTERLOCK LADDER DIAGRAM
FOR REFERENCE ONLY

REVISED: 6/18



4 E-3.2 CONTROL CORD CONNECTION
FOR REFERENCE ONLY

REVISED: 6/18

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E3.2
INTERLOCK DIAGRAMS

MCD24092.0 – PUYALLUP, WA

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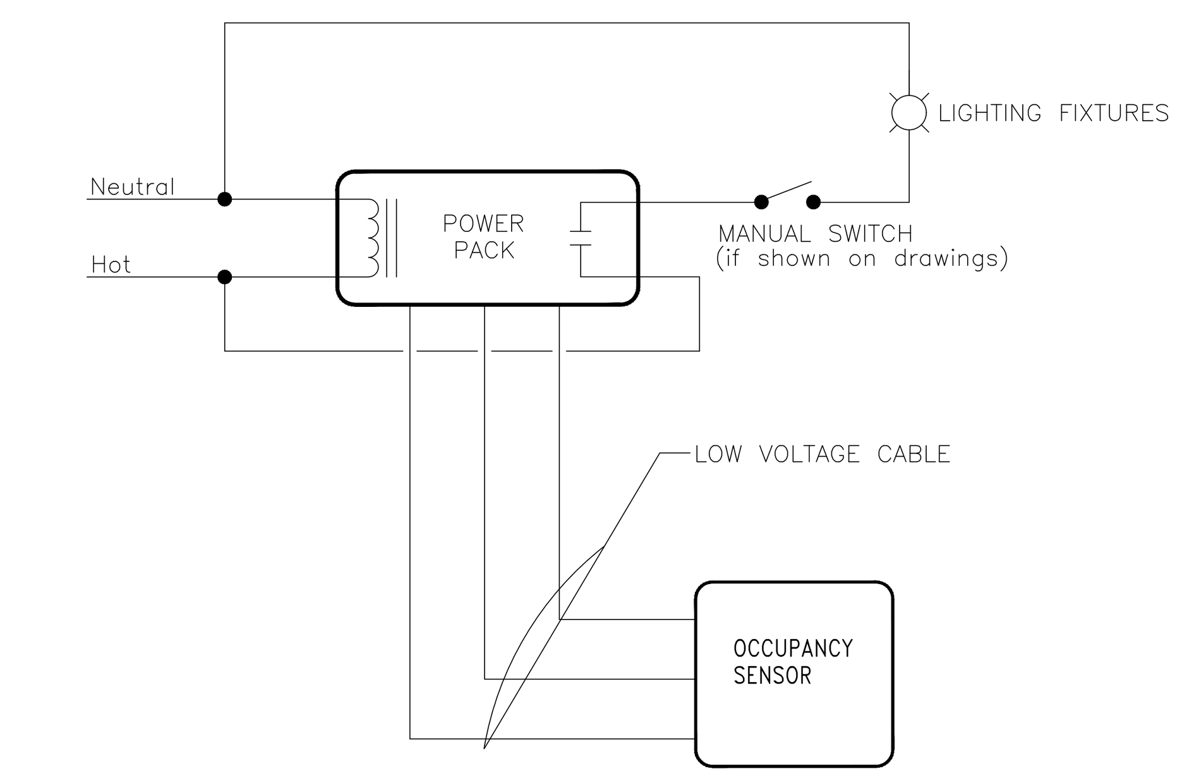
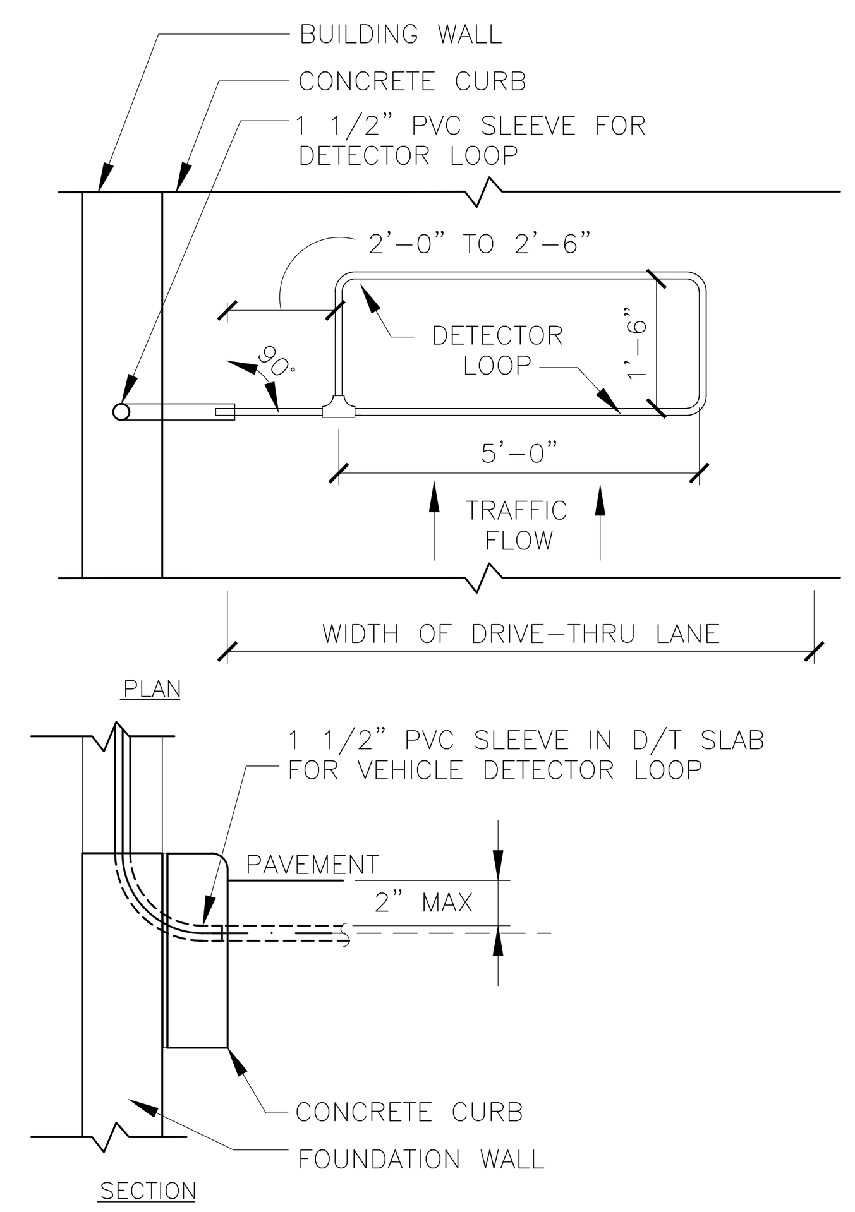


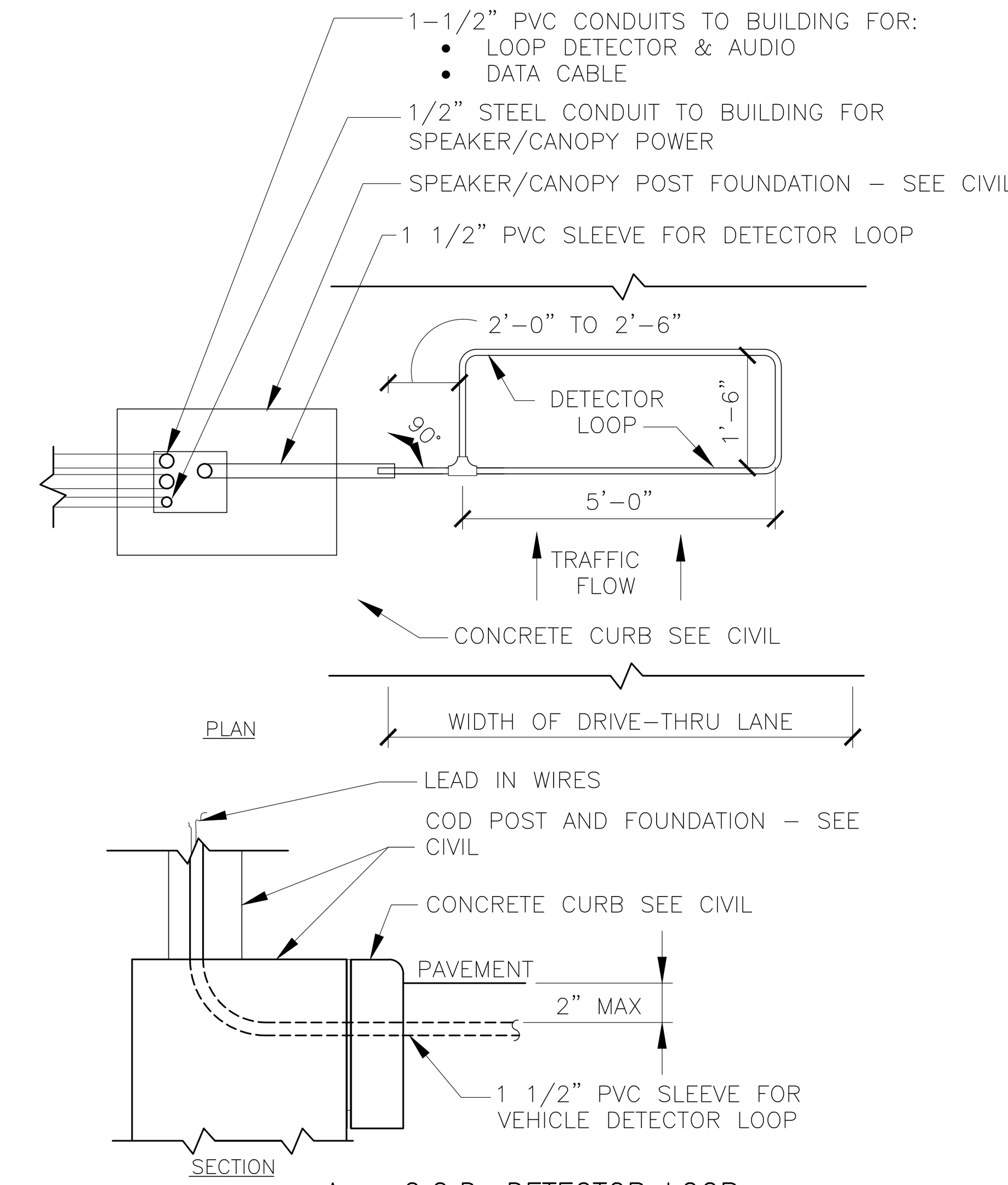
NOTES:

1. REFER TO LIGHTING PLAN FOR OCCUPANCY SENSOR LOCATIONS AND QUANTITIES.

1 / E-4.0 **OCCUPANCY SENSOR CONTROL DETAIL**
NOT TO SCALE



B – DT WINDOW DETECTOR LOOP

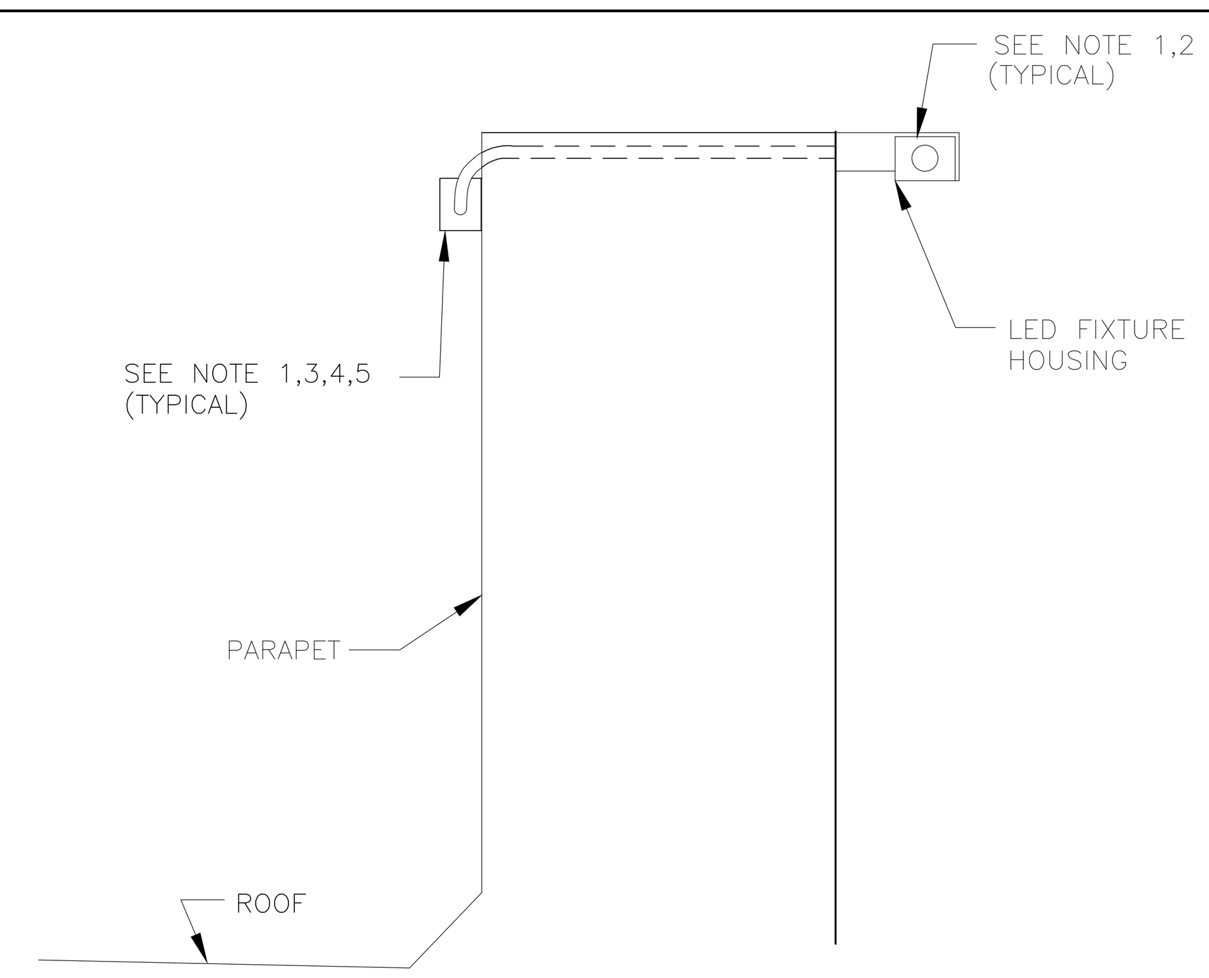


A – C.O.D. DETECTOR LOOP

2 / E-4.0 **DETECTOR LOOP DETAILS**
NOT TO SCALE

NOTES

1. VERIFY CONDUIT SIZES AND LAYOUT WITH DETECTOR LOOP MANUFACTURER.
2. CENTER VEHICLE DETECTOR LOOP (ITEM # 217.11E1) IN DRIVE THRU LANE. INSTALL PER MFR. RECOMMENDATIONS.
3. SEE CIVIL FOR DIMENSIONS OF DRIVE-THRU LANE CONCRETE PAD FOR DETECTOR LOOP.
4. NO STEEL (REBAR OR ELECTRICAL WIRE) SHALL BE USED WITHIN 2' OF LOOP.
5. DETECTOR LOOP MANUFACTURERS:
   DETECTOR LOOPS MAY BE BY ONE OF THE FOLLOWINGS COMPANIES OR EQUAL.
   3M: 1-800-328-0033
   HME: 1-800-848-4468
6. DETECTOR LOOP MATERIAL:
   PVC TUBING 1/2" I.D. 100 PSI LOOP MADE FROM ONE LENGTH OF THIN FOURTEEN GAUGE STRANDED WIRE. LEAD-IN IS PRE-TWISTED AT FACTORY.
7. DETECTOR LOOP CONSTRUCTION:
   FORMED WITH ONE CONTINUOUS LENGTH OF PVC WITH NO SHARP CORNERS AS DETAILED. WIRE LOOPED, FORMED, & PIGTAILED AS DETAILED.



3 / E-4.0 **BRAND WALL LIGHTING DETAIL**
NOT TO SCALE

GENERAL NOTES

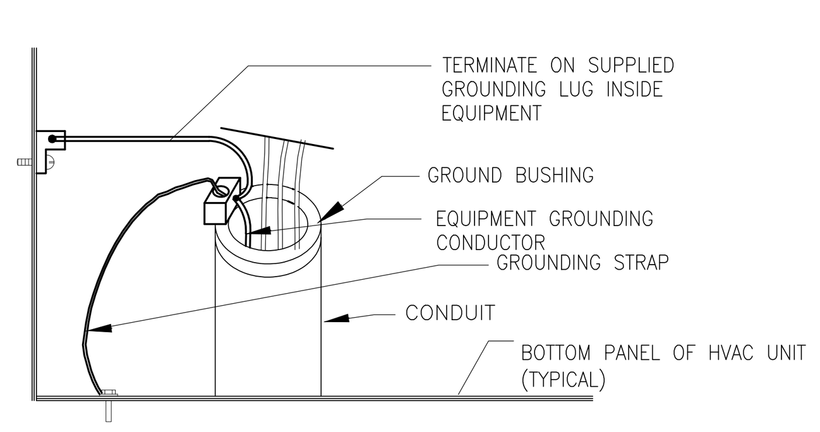
1. PLACE LED FIXTURE AT DESIRED LOCATION AND INSTALL FIXTURE FROM LEFT TO RIGHT WHEN FACING ARCADE AND ATTACH POWER SUPPLY AND MOUNTING BRACKET AS RECOMMENDED BY MANUFACTURER.
2. EC SHALL CONNECT NEW FIXTURES TO THE NEXT AVAILABLE SPARE 120V CIRCUIT AND MAKE ALL ELECTRICAL CONNECTIONS AS REQUIRED FOR A COMPLETE OPERATING SYSTEM.
3. POWER SUPPLY SHALL ALWAYS BE INSTALLED TO THE LEFT SIDE OF FIXTURE WHEN FACING ARCADE.
4. OVERALL FIXTURE RUN TO BE CENTERED ON OVERALL LENGTH OF WALL.
5. CONNECT NEW LED FIXTURES TO EXISTING LIGHTING CIRCUIT(S) AS REQUIRED. ENSURE THAT CIRCUIT BREAKER AND CONDUCTOR SIZES DO NOT EXCEED 1200 WATTS ON A 15A CIRCUIT AND 1600 WATTS ON A 20A CIRCUIT. VERIFY EXISTING CONDITIONS AND REQUIREMENTS IN FIELD. PROVIDE ADDITIONAL CIRCUITS (C.B.,WIRING,CONDUITS) AS REQUIRED.

CONDUIT, WIRE SIZE AND

GROUNDING FOR HVAC UNITS

HACR BRKR SIZE	CONDUIT & WIRE SIZE
40A	1"C-3#8
45A	1"C-3#6
50A	1"C-3#6
60A	1"C-3#6
70A	1-1/4"C-3#4
80A	1-1/4"C-3#3
90A	1-1/4"C-3#3
100A	1-1/4"C-3#2
125A	1-1/2"C-3#1
150A	1-1/2"C-3#1/0
175A	2"C-3#2/0
200A	2"C-3#3/0
225A	2"C-3#4/0
250A	2-1/2"C-3#250

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL COORDINATION OF ALL ELECTRICAL FEEDERS AND CIRCUIT BREAKERS WITH THE MANUFACTURER'S WRITTEN DATA FOR EACH MECHANICAL DEVICE PRIOR TO SUBMITTAL OF ANY ELECTRICAL EQUIPMENT FOR REVIEW. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY CHANGES TO ELECTRICAL FEEDERS OR CIRCUIT BREAKERS REQUIRED FOR ANY MECHANICAL DEVICES.

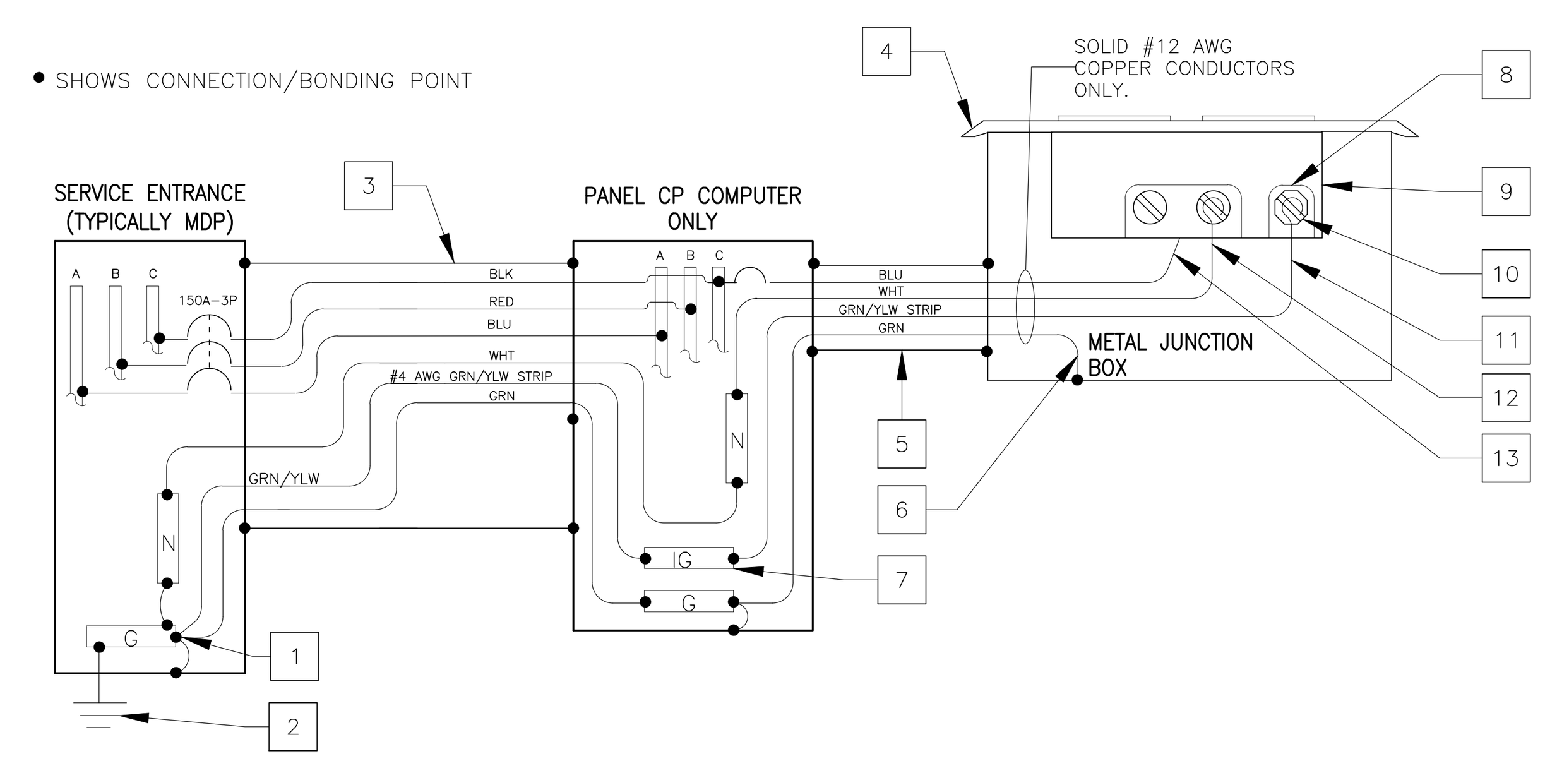


4 / E-4.0 **HVAC GROUNDING DETAIL**
NOT TO SCALE

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

• SHOWS CONNECTION/BONDING POINT



NOTES

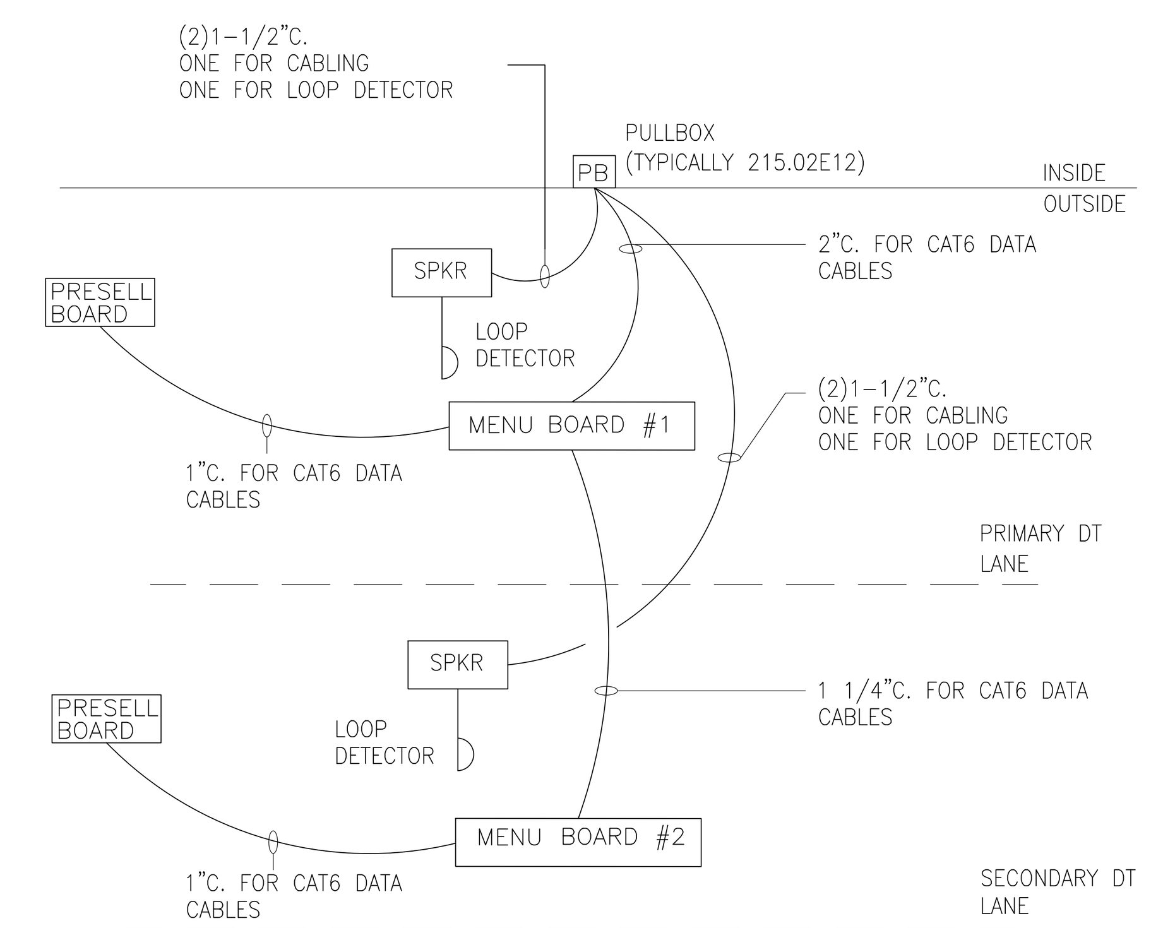
1. ALL P.O.S. EQUIPMENT (COMPUTERS,PRINTERS,MONITORS KVS, MODEM, HUB & COD) SHALL BE POWERED FROM THE COMPUTER PANEL.

   ALL OTHER COMPUTER/DIGITAL EQUIPMENT SHALL BE POWERED FROM PHASE "A" IN THE COMPUTER PANEL.
2. ISOLATED GROUND INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF NEC SECTION 250 .
3. EACH 20 AMP CIRCUIT SHALL HAVE IT'S OWN ISOLATED EQUIPMENT GROUNDING CONDUCTOR.
4. ENTIRE GROUNDING SYSTEM SHALL COMPLY WITH NEC ARTICLE 250 AND MCDONALD's BUILDING GROUNDING DETAIL.
5. EC SHALL VERIFY CORRECT POLARITY AT RECEPTACLE.
6. EC SHALL VERIFY THAT SUBPANEL CP DOES NOT CONTAIN ANY ILLEGAL NEUTRAL TO GROUND BONDS.
7. PANEL CP SHALL ONLY BE USED TO POWER SENSITIVE ELECTRONIC EQUIPMENT, AS OUTLINED IN NOTE #1. IT SHALL NOT BE USED TO POWER ANY OTHER LOADS.
8. IT IS A SAFETY HAZARD AND AN NEC VIOLATION FOR THE POS SYSTEM TO HAVE ITS OWN INDEPENDENT GROUNDING ROD. IF AN INDEPENDENT GROUND ROD IS FOUND FOR THE POS SYSTEM, IT SHALL BE BONDED TO THE BUILDING GROUNDING SYSTEM.

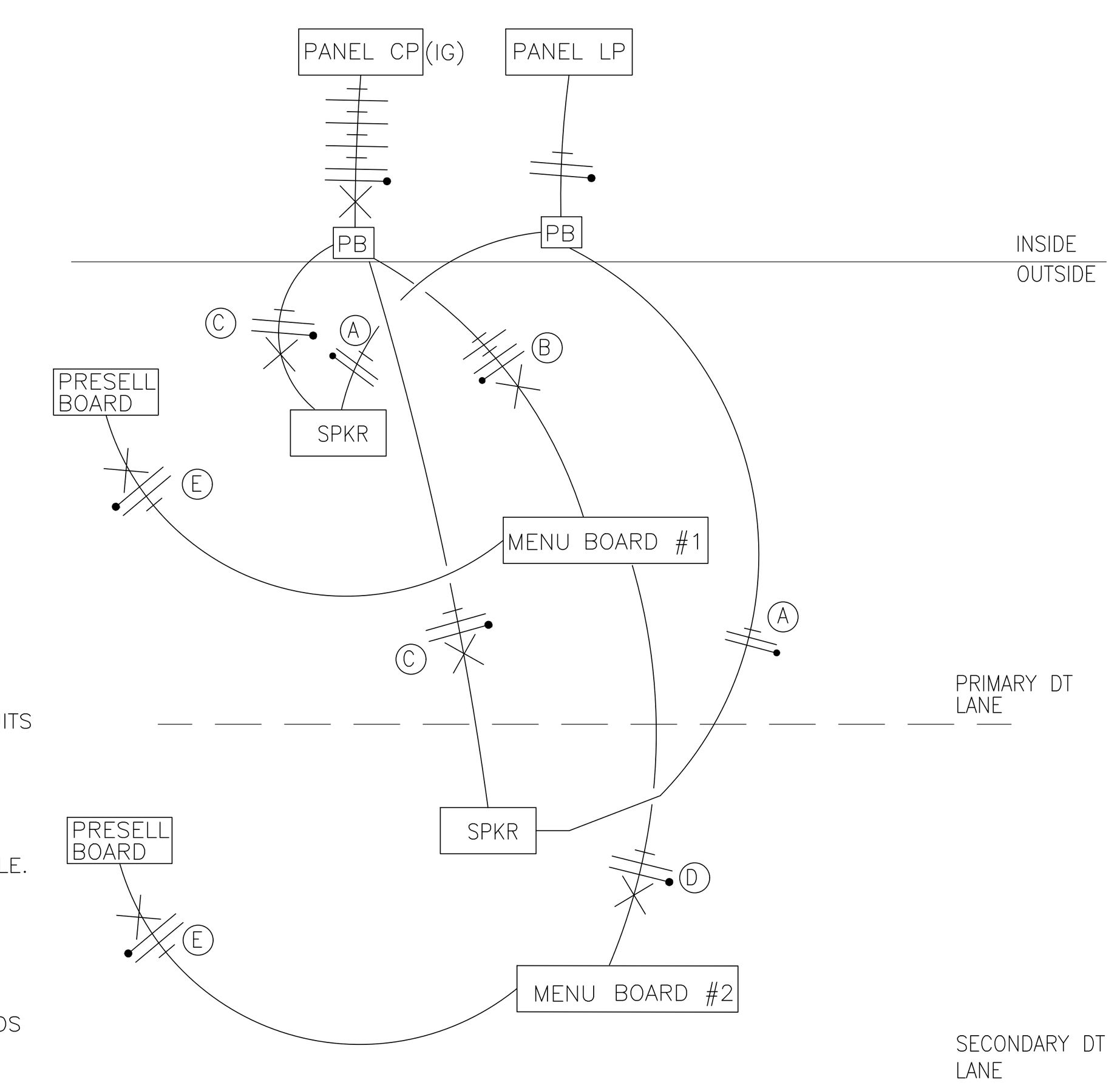
KEY NOTES

1	THIS IS THE ONLY POINT WHERE THE ISOLATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE CONNECTED TO THE BUILDING'S GROUNDING SYSTEM.
2	SEE BUILDING GROUNDING DETAIL SHEET E4.2.
3	2" METAL CONDUIT: 4-#1/0 CU + 1-#6 CU EQUIP GND + 1-#4 CU ISOLATED GND.
4	ALL ISOLATED GROUND/ DEDICATED CIRCUIT RECEPTACLE COVER PLATES SHALL BE ORANGE HUBBELL PJ7CO (SINGLE), PJ8CO (ONE DUPLEX) OR PJ82CO (TWO DUPLEX) MARKED "COMPUTER ONLY".
5	METAL CONDUIT SHALL CONTAIN ONLY P.O.S. CIRCUIT CONDUCTORS (DEDICATED CIRCUIT). ONLY USE RIGID NON-METALLIC CONDUIT BELOW GRADE WHEN REQUIRED BY LOCAL CODE.
6	EQUIPMENT GROUNDING BONDING CONDUCTOR (TYPICAL)
7	ISOLATED GROUND BUS, ELECTRICALLY INSULATED FROM PANEL ENCLOSURE USED TO TERMINATE ONLY ISOLATED EQUIPMENT GROUNDING CONDUCTORS.
8	ALL CONDUCTORS SHALL BE SOLID COPPER AND TERMINATED TO THEIR APPROPRIATE TERMINAL SCREWS BY WRAPPING THE CONDUCTOR COMPLETELY AROUND THE SCREW BARREL AND TIGHTENING THE SCREW PER MANUFACTURER'S TORQUE SPECIFICATIONS.
9	ISOLATED GROUND RECEPTACLE HUBBELL-IG4700,IG4710,IG5262 OR IG5261. SEE ROUGH IN SCHEDULE FOR THE APPROPRIATE RECEPTACLE TO USE.
10	ISOLATED GREEN GROUND SCREW.
11	ISOLATED EQUIPMENT GROUNDING CONDUCTOR (GRN W/YLW STRIP)
12	NEUTRAL CONDUCTOR TERMINATED ON SILVER SCREW.
13	PHASE CONDUCTOR TERMINATED ON BRASS SCREW

5 / E-4.0 **POS & COD ISOLATED GROUND/DEDICATED CIRCUIT**
NOT TO SCALE



DT LOW VOLTAGE CONDUIT DIAGRAM
NOT TO SCALE



DRIVE THRU POWER DIAGRAM
NOT TO SCALE

NOTE:

* VERIFY EXACT CIRCUITS & QUANTITIES OF CIRCUITS WITH PANEL SCHEDULES AND MANUFACTURERS INSTALLATION INSTRUCTIONS.

* VERIFY LOW VOLTAGE CABLE COUNT WITH POS INSTALLER. LOW VOLTAGE CABLE SUPPLIED AND TERMINATED BY POS INSTALLER. EC TO PULL CABLE.

(A) 2#12 & 1#12 GND. TO LP-1 FOR COD CANOPY LIGHTING.

(B) 4#12 & 1#12 GND & 1#12 ISOLATED GND., TO CP FOR ISOLATED GROUND POWER TO MENUBOARDS AND MEDIA PLAYERS.

(C) 2#12 & 1#12 GND & 1#12 ISOLATED GND., TO CP FOR ISOLATED GROUND POWER TO SPEAKER CANOPY/STAND. EACH CANOPY/STAND SHALL BE ON ITS OWN SEPARATE CIRCUIT.

(D) 2#12 & 1#12 GND & 1#12 ISOLATED GND., TO CP FOR ISOLATED GROUND POWER TO MENUBOARDS AND MEDIA PLAYERS.

(E) 2#12 & 1#12 GND & 1#12 ISOLATED GND., TO CP FOR ISOLATED GROUND POWER TO FOR PRESELL BOARDS AND MEDIA PLAYER.

REV	DATE	DESCRIPTION	BY
	12/10/24	DESIGN REVIEW	JAY
1	03/20/25	PLAN CHECK COMMENTS	JAY

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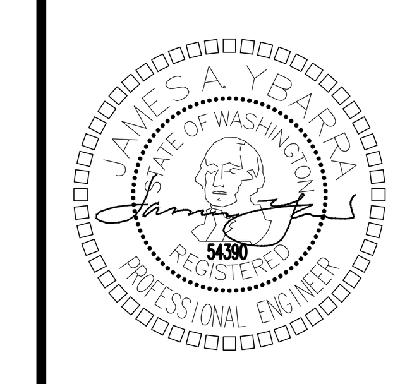

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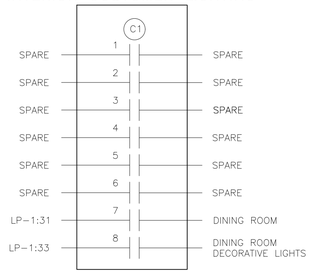
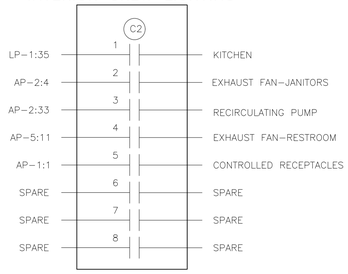
LIGHTING CONTROL SYSTEM

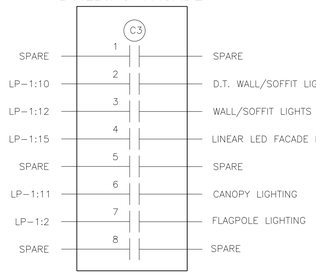
INTERIOR CUSTOMER LIGHTING



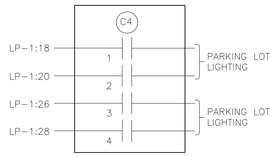
INTERIOR CREW LIGHTING



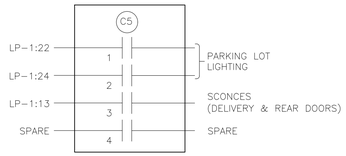
BUILDING FACADE



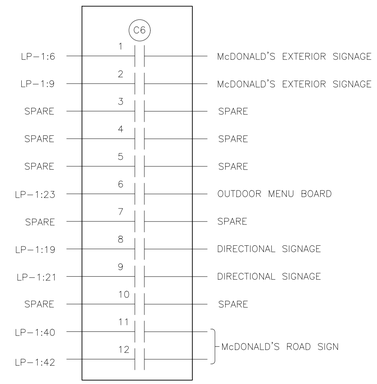
EXTERIOR LIGHTING



EXTERIOR LIGHTING



EXTERIOR SIGNAGE



INTERIOR LIGHTING CONTROL SCHEDULE

	LOCAL CONTROL	MANUAL ON	PARTIAL ON	MULTI LEVEL	DAYLIGHTING	AUTO OFF	SCHEDULE OFF
DINING	MANAGERS OFFICE		X		X		X
KITCHEN	MANAGERS OFFICE		X				X
SUPPORT/STOCK	X					X	
CREW	X	X		X		X	
MANAGER	X	X		X		X	
BATHROOM						X	
SMALL STORAGE	X	X				X	
ENTRY VESTIBULE							X

NOTES:
1. LOCAL CONTROL: MANUAL LIGHTING CONTROL THAT PROVIDES ON AND OFF CONTROL IN SPACE. REMOTE LOCATION CONTROL DEVICE MUST BE LABELED TO IDENTIFY CONTROLLED LIGHTING.
2. MANUAL ON: NONE OF THE LIGHTING SHALL BE AUTOMATICALLY TURNED ON.
3. PARTIAL ON: 50% OF THE GENERAL LIGHTING SHALL BE AUTOMATICALLY TURNED ON.
4. MULTI LEVEL: GENERAL LIGHTING SHALL BE FITTED WITH A MANUAL CONTROLLED CONTINUOUS DIMMER.
5. DAYLIGHTING: REQUIRED WHEN PRIMARY AND SECONDARY ZONES CONTAIN 150W OF GENERAL LIGHTING. PHOTOCONTROL SHALL REDUCE LIGHTING IN RESPONSE TO AVAILABLE DAYLIGHT USING CONTINUOUS DIMMING TO 20% AND OFF.
6. AUTO OFF: ALL LIGHTING INCLUDING LIGHTING CONNECTED TO EMERGENCY CIRCUITS SHALL BE AUTOMATICALLY SHUT OFF WITHIN 20 MINUTES OF OCCUPANTS LEAVING THE SPACE.
7. SCHEDULE OFF: ALL LIGHTING, INCLUDING LIGHTING CONNECTED TO EMERGENCY CIRCUITS, SHALL BE AUTOMATICALLY SHUT OFF DURING PERIODS WHEN THE SPACE IS SCHEDULED TO BE UNOCCUPIED.
8. 0.02W PER SQUARE FT OF BUILDING ALLOWED TO BE CONTINUOUSLY LIT.

EXTERIOR LIGHTING CONTROL SCHEDULE

	TIME CLOCK	PHOTCELL	OCCUPANCY SENSOR
POLE LIGHTING	X	X	X
BUILDING MOUNT LIGHTING	X	X	
SIGNAGE	X	X	

NOTES:
1. TIME CLOCK: LIGHTING SHALL BE AUTOMATICALLY SHUT OFF BETWEEN BUSINESS CLOSING (OR MIDNIGHT) AND BUSINESS OPENING (OR 6AM) WHICHEVER PROVIDES THE SHORTEST OFF DURATION.
2. PHOTOCELL: LIGHTING SHALL BE AUTOMATICALLY TURNED OFF WHEN SUFFICIENT DAYLIGHT IS AVAILABLE.
3. OCCUPANCY SENSOR: LIGHTING SHALL AUTOMATICALLY REDUCE THE CONNECTED LIGHTING POWER BY 50% WHEN NO ACTIVITY HAS BEEN DETECTED IN AREA IN 15 MINUTES. NO MORE THAN 1500W OF LIGHTING PER CONTROL ZONE.

LIGHTING CONTROL NOTES:

LIGHTING CONTROL NOTES

LC1. CONTACTOR DETAILS ARE DIAGRAMMATIC ONLY AND ARE SHOWN WITH TYPICAL LOADS AND CIRCUIT ASSIGNMENTS. LOADS, CIRCUIT ASSIGNMENTS AND NUMBER OF CONTACTORS MAY VARY BY RESTAURANT LOCATION AND PER BAS SUPPLIERS SYSTEMS. VERIFY EXACT REQUIREMENTS WITH BAS INSTALLATION DETAILS, SITE PLANS, ELECTRICAL PANEL SCHEDULES AND ACM. EC SHALL MAKE ALL MODIFICATIONS AS REQUIRED. FINAL INSTALLATION SHALL BE FULLY NEC AND ENERGY CODE COMPLIANT.

LC2. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL WIRING, CONNECTIONS, TERMINATIONS, ETC. THAT ARE NOT PROVIDED BY THE BAS SUPPLIER FOR A COMPLETE, FULLY OPERATIONAL AND CODE COMPLIANT LIGHTING CONTROL SYSTEM.

LC3. ALL COMPONENTS FOR THIS LIGHTING CONTROL SYSTEM SHALL BE INSTALLED BY THE ELECTRICAL CONTRACTOR. SEE BOXED NOTE BELOW FOR OPTIONS.

LC4. ALL COMPONENTS SHALL BE UL LISTED AND LABELED AND THE SYSTEM SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL ENERGY CODE REQUIREMENTS.

LC5. ALL CONTACTORS SHALL BE LOCATED IN A NEMA 1 ENCLOSURE WITH SCREW TYPE COVER MOUNTED DIRECTLY ABOVE LIGHTING PANEL OR SWITCHGEAR SO AS TO BE ACCESSIBLE.

LC6. ALL CONTACTORS SHALL BE RATED FOR 30 AMP LOADS UNLESS NOTED OTHERWISE AND SHALL BE HID RATED WHERE REQUIRED.

LC7. COIL VOLTAGES FOR ALL CONTACTORS SHALL BE 120 VOLT UNLESS NOTED OTHERWISE.

LC8. CONTACTOR C5 IS INTENDED TO CONTROL PARKING LOT LIGHTS NEAR TRASH CORRAL, DELIVERY DOORS, AND EMPLOYEE PARKING, THUS ALLOWING A DIFFERENT LIGHTING SCHEDULE TO BE USED IN THOSE AREAS.

LIGHTING CONTROL INSTALLATION OPTIONS

OPTION 1 (STANDARD) CONTACTORS AND CONTACTOR ENCLOSURE FOR THIS LIGHTING CONTROL SYSTEM SHALL BE FURNISHED BY THE BAS SUPPLIER AND INSTALLED BY THE ELECTRICAL CONTRACTOR ON SITE FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.

OPTION 2 (OPTIONAL) LIGHTING CONTROL CAN BE ACCOMPLISHED VIA UTILIZATION OF A SMART TYPE BREAKER PANEL REPLACING STANDARD PANEL LP-1. PANEL SHALL UTILIZE AN INTEGRAL MOTOR OPERATED CIRCUIT BREAKERS OR AN INTEGRAL CIRCUIT BREAKER/CONTACTOR TYPE COMBINATION DEVICE WITH AN INTEGRAL PROGRAMMING CONTROL MODULE AND SHALL BE ORDERED THROUGH OUR ELECTRICAL EQUIPMENT NATIONAL ACCOUNT PROGRAM (SQUARE-D) THROUGH OUR CONSTRUCTION PURCHASING TEAM.

BUILDING AUTOMATION SYSTEM NOTES

BAS1. THE DIAGRAM SHOWN ABOVE IS SCHEMATIC IN NATURE AND SHOWS THE GENERAL REQUIREMENTS FOR THE INSTALLATION OF THE BUILDING AUTOMATION SYSTEM. EXACT EQUIPMENT REQUIREMENTS AND QUANTITIES WILL VARY PER SITE. G.C., M.C., T.C.C. AND E.C. SHALL COORDINATE ALL EXACT EQUIPMENT AND INSTALLATION REQUIREMENTS WITH SUPPLIER PRIOR TO SUBMITTING BID FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.

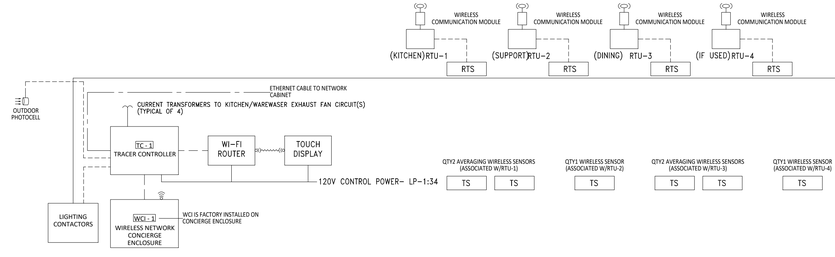
BAS2. THE BUILDING AUTOMATION SYSTEM ALSO HAS ADDITIONAL OPTIONS AVAILABLE SUCH AS MONITORING DOOR CONTACTS (RESTROOM & COOLER FREEZER), ENERGY METER, COOLER/FREEZER TEMP. ADDITIONAL OPTIONS MAY BE SELECTED ON CENTRAL PURCHASING PROJECT DETAIL FORM. G.C., M.C., T.C.C. AND E.C. SHALL COORDINATE ALL EXACT INSTALLATION REQUIREMENTS WITH SUPPLIER PRIOR TO SUBMITTING BID FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.

BAS3. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LINE AND LOW VOLTAGE WIRING AND CONNECTIONS, INCLUDING BUT NOT LIMITED TO CONTROL POWER TO ALL BAS COMPONENTS AND POWER CIRCUITRY WIRING OF ALL LIGHTING CONTACTORS. COORDINATE INSTALLATION WITH SITE SPECIFIC BAS INSTALLATION DETAILS PROVIDED BY SUPPLIER.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

INSTALLATION & TECHNICAL ASSISTANCE INFORMATION:
TRANE BAS: McDcontrols@Trane.com



PROVIDE AND INSTALL DATA OUTLET NEXT TO BAS PANEL. REMOTE COMMISSIONING IS NOT POSSIBLE WITHOUT DATA CONNECTION.

INSTALLATION NOTES:
1. PROVIDE, INSTALL AND SECURE ALL NECESSARY CABLE & CONDUIT PER BAS DRAWINGS AND SPECIFICATIONS.
2. MOUNT ALL BAS CONTROL ENCLOSURES.
3. PERFORM ALL LOW VOLTAGE TERMINATIONS.
4. ROUGH-IN, INSTALLATION AND WIRING FOR TEMPERATURE SENSORS AND TOUCHSCREEN PER PLAN LOCATIONS.
5. PROVIDE POWER CIRCUITS INTO CONTROL CANS PER BAS DETAILS.
6. COORDINATE WITH SUPPLIER TO SCHEDULE REMOTE COMMISSIONING.
7. CORRECT ALL PUNCH LIST ITEMS FOUND DURING REMOTE COMMISSIONING.

CONTROLS SCHEDULE

MARK	DESCRIPTION	MANUFACTURER MODEL
TS	WIRELESS SPACE TEMPERATURE SENSOR	*PROVIDED WITH BAS
RTS	RETURN TEMPERATURE SENSOR	*PROVIDED WITH BAS
HS	OUTDOOR TEMP/HUMIDITY SENSOR	FACTORY FURNISHED AND INSTALLED W/EACH RTU

NOTES:
1. FOR TS LOCATIONS, REFER TO M1.2
2. RTS TO BE MOUNTED IN RETURN AIR DUCT OF RTU

WIRE LEGEND

MARK	WIRE/CABLE TYPE
—— - ——	CAT 5E
----------	18 AWG CONDUCTORS

REV	DATE	DESCRIPTION	BY
	12/10/24	DESIGN REVIEW	JAY
A	03/20/25	PLAN CHECK COMMENTS	JAY

Professional of Record:
PM DESIGN Architectural Solutions Group
19401 40TH AVE W
SUITE 420
LYNNWOOD, WA 98036
JAMES YBARRA, P.E.
PHONE: (425) 409-2496
EMAIL: JYBARRA@PMDGINC.COM

PRCNC20241917

JAMES A. YBARRA — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
Seal
3/19/25

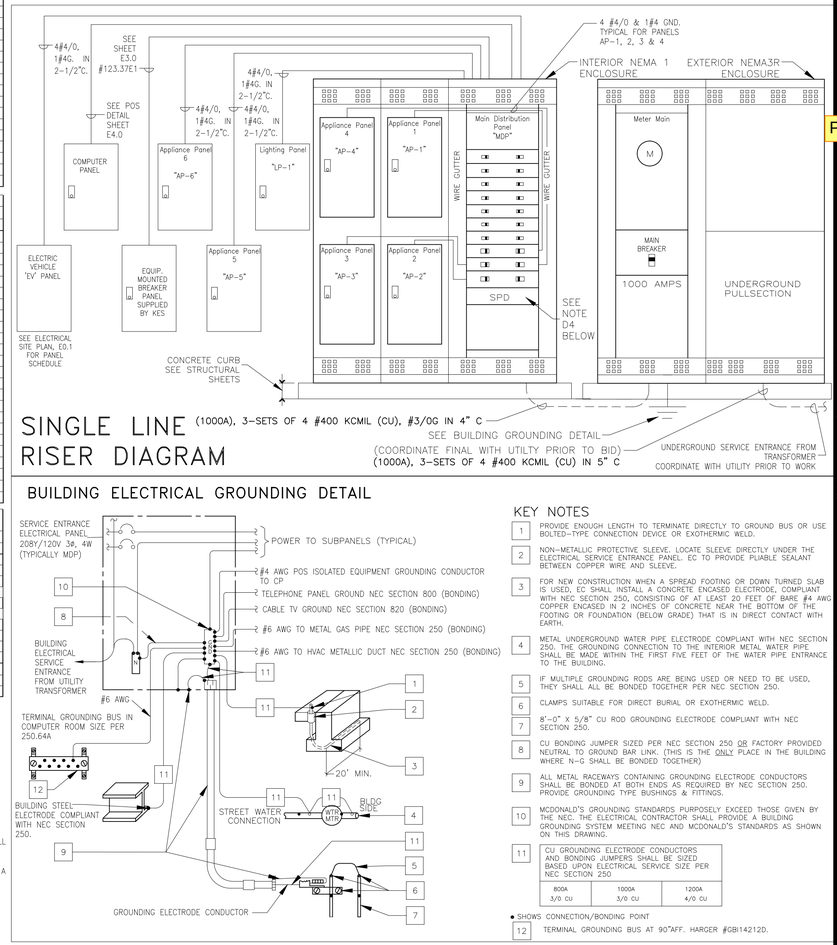
DRAWN BY: JAY | STD ISSUE DATE: 12/10/24
REVIEWED BY: JAY | DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING - WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1172 | SITE ADDRESS: 2802 E. Pioneer, Puyallup, WA 98372

046-1172.00.0
E4.1
LIGHTING CONTROLS

MCD24092.0 - PUYALLUP, WA

P:\SEA\04 MEP\MCDONALDS\MEP-MCD24092.0 - REBUILD - PUYALLUP, WA\03 CONSTRUCTION DOCUMENTS\ELEC.DWG 3/21/2025 12:13 PM JAMES YBARRA



MLO, AIC: NOTES D6,D7,&D8, Mounting: flush, NEMA 1				PANEL LP-1						225A, 208Y/120 VAC, 3PH, 4W, CB TYPE: BL or BLH			
WATTS				BRKR	TRIP	CCT	CCT	TRIP	BRKR		WATTS		
A	B	C		REQ	POLES	NO.	NO.	POLES	REQ	DESCRIPTION	A	B	C
0			Spare		20A-1	1	2	20A-1	S	Flag Pole	220		
	0		Spare		20A-1	3	4	20A-1		Spare		0	
		0	Spare		20A-1	5	6	20A-1	S	Exterior Signage			294
0			Spare		20A-1	7	8	20A-1	S	Spare	0		
	294		Exterior Signage	S	20A-1	9	10	20A-1	S	Exterior Wall/Soffit Lights DT		114	
		193	Flood Lights & Canopy lights	S	20A-1	11	12	20A-1	S	Exterior Wall/Soffit Lights			114
42			Back of House Sconces	S,L	20A-1	13	14	20A-1		DCO In Road Sign Base	180		
	126		Linear LED Façade Lighting	S	20A-1	15	16	20A-1	L	Dr Alarm\CO2\Access Control Panel		584	
		0	Space		20A-1	17	18	20A-2		Lot Lights			480
96			Directional Sign	S	20A-1	19	20	I		I	480		
	96		Directional Sign	S	20A-1	21	22	20A-2		Lot Lights		240	
		120	COD lighting	S	20A-1	23	24	I		I			240
0			Spare		20A-1	25	26	20A-2		Lot Lights	480		
	30		Toy Display		20A-1	27	28	I		I		480	
		0	Spare	S	20A-1	29	30	20A-2		Spare			0
308			Dining Area Lighting	S	20A-1	31	32	I		I	0		
	189		Pendants/cove lights	S	20A-1	33	34	20A-1	L	BAS Controller		300	
		880	Kitchen Lighting	S	20A-1	35	36	20A-1	L	Lighting Control Panel			180
176			Restroom Lighting	S	20A-1	37	38	20A-1	S,L	Exit/Egress Lighting	80		
	520		Support Area Lighting	S	20A-1	39	40	60A-2	S	Mcd'S Road Sign		2496	
		0	Spare		20A-1	41	42	I	I	I			2496
										Total Connect	2062	5469	4997
										Connect Amps		35	Amps
										Demand Amps		43	Amps

MLO, AIC: NOTES D6,D7,&D8, Mounting: MDP, NEMA 1				PANEL AP-4						225A, 208Y/120 VAC, 3PH, 4W, CB TYPE: BL or BLH			
WATTS				BRKR	TRP	CCT	CCT	TRIP	BRKR		WATTS		
A	B	C	DESCRIPTION	REQ	PLS	NO.	NO.	PLS	REQ	DESCRIPTION	A	B	C
2606			Clamshell Grill	G	50A-3	1	2	30A-3	G	Combi Oven	1813		
	2606		I	I	I	3	4	I	I	I		1813	
		2606	I	I	I	5	6	I	I	I			1813
5200			Clamshell Grill	G	50A-3	7	8	30A-3	G	Combi Oven	1813		
	5200		I	I	I	9	10	I	I	I		1813	
		5200	I	I	I	11	12	I	I	I			1813
4671			3-Vat-Fryer-Electric-F/F/F	G	50A-3	13	14	15A-1		Combi Oven Hood	960		
	4671		I	I	I	15	16	15A-1		Combi Oven Hood		960	
		4671	I	I	I	17	18			Space			0
4671			3-Vat-Fryer-Electric-F/F/F	G	50A-3	19	20			Space	0		
	4671		I	I	I	21	22			Space		0	
		4671	I	I	I	23	24			Space			0
4671			3-Vat-Fryer-Electric-F/F/F	G	50A-3	25	26			Space	0		
	4671		I	I	I	27	28			Space		0	
		4671	I	I	I	29	30			Space			0
0			Space			31	32			Space	0		
	0		Space			33	34			Space		0	
		0	Space			35	36			Space			0
0			Space			37	38			Space	0		
	0		Space			39	40			Space		0	
		0	Space			41	42			Space			0
										Total Connect	26406	26406	25446
										Connect Amps		217	Amps
										Demand Amps		141	Amps

150 MLO AIC: SEE NOTES D6, D7, & D8, Mounting: Flush				COMPUTER PANEL						150A, 208Y/120 VAC, 3PH, 4W, CB TYPE: BL or BLH			
WATTS				BRKR	TRP	CCT	CCT	TRIP-	BRKR		WATTS		
A	B	C	DESCRIPTION	REQ	PLS	NO.	NO.	PLS	REQ	DESCRIPTION	A	B	C
1656			POS/Reg/Mon/Printer/Headset	L	20A-1	1	2	20A-1	L	Spare	0		
	1140		Pos Prep-Kvs Monitor / Rec Prntr Video Mon	G,L	20A-1	3	4	20A-1	L	Pos Prep-Kvs Monitor / Rec Prntr Video Mon/Table Locator		84	
		100	Cctv/Timer	L	20A-1	5	6	20A-1	L	Menu Bd-Digital/Media Player			432
714			Coin Dispenser/Pos-Pc Hardware/POS timer/Vido	L	20A-1	7	8	20A-1	G,L	Pos-Pc Hardware Presenter's Booth /Video Mon. w/supports	600		
	720		Pos Video Monitor	G,L	20A-1	9	10	20A-1		Zoom Timer		720	
		600	Tech Rack	L	20A-1	11	12	30A-1	L	POS Tech Rack			1680
0			Spare	L	20A-1	13	14	20A-1	L	POS Optical Isolator	120		
	1200		Tech Rack	L	20A-1	15	16	20A-1	L	Speaker Canopy #1		120	
		1440	Tech Rack	L	20A-1	17	18	20A-1	L	Speaker Canopy #2,			120
444			Pos PC front counter	L	20A-1	19	20	20A-1	L	Office desk	1200		
	0		Spare	L	20A-1	21	22	20A-1	L	Office desk		1200	
		360	KVS Monitor	G,L	20A-1	23	24	20A-1	L	Cash Recycler			528
1860			Exterior Menu Boards	L	20A-1	25	26	20A-1	G,L	POS video monitor	360		
	528		Cash Recycler	L	20A-2	27	28	20A-1	G,L	Time Clock		60	
		1860	Exterior Menu Boards	L	20A-1	29	30	20A-1	L	Kiosk Cash Handler			528
480			Equipment Rack	L	20A-1	31	32	20A-1	L	Kiosks	1080		
	1200		BOCA	L	20A-2	33	34	20A-1	L	Kiosks		1080	
		0	Space			35	36	20A-1	L	Kiosks			1080
0			Space			37	38			Space	0		
	0		Space			39	40			Space		0	
		0	Space			41	42			Space			0
										Total Connect	8514	8052	8728
										Connect Amps		70	Amps
										Demand Amps		88	Amps

MLO, AIC: NOTES D6, D7, & D8, Mounting: MDP, NEMA 1				PANEL AP-1						225A, 208Y/120 VAC, 3PH, 4W, CB TYPE: BL or BLH			
WATTS				BRKR	TRP	CCT	CCT	TRIP	BRKR		WATTS		
A	B	C	DESCRIPTION	REQ	PLS	NO.	NO.	PLS	REQ	DESCRIPTION	A	B	C
1560			Dco-manager's office (man offi)		20A-1	1	2	20A-2	G	Coffee brewer (presenter's booth)	1612		
	1260		Dco-General Purpose	G	20A-1	3	4	I	I	I		1612	
		0	Spare	G	20A-1	5	6	20A-1	G	ABS (phase c, presenter's booth)			1788
120			Safe - (mo) DCO Gen Purp	L	20A-1	7	8	20A-1	G	Oj dispenser/ coffee cream disp	840		
	240		Remote Order Battery		20A-1	9	10	20A-1	G	CO2 Detector		120	
		960	Merge/audio sys/drv mon/Deliv.	G	20A-1	11	12	20A-1	G	Automated beverage sys			600
960			Washer		15A-1	13	14	20A-2	G	Coffee Brewer (front counter)	1612		
	1800		Hand Held Order		20A-1	15	16	I	I	I		1612	
		120	Computer Room (TF/1)		20A-1	17	18	30A-3	G	Heat treat combo shake			1561
2246			Espresso Brewer	G	30A-2	19	20	I	I	I	1561		
	2246		I	I	I	21	22	I	I	I		1561	
		1500	3-Vat fryer hood interlock		20A-1	23	24	20A-1		3-Vat fryer hood Interlock			1176
1320			Reach in Freezer-SW	G	20A-1	25	26	20A-2	H	Ice Machine Remote Cond 1000lb	104		
	1080		Frozen fry dispenser (fry wall)	G	20A-1	27	28	I	I	I		104	
		2112	4-Vat fryer hood interlock		20A-1	29	30	20A-1	G	Reach in Freezer-SW			1320
1500			Fry Bagging Station	L,G	20A-1	31	32	15A-3	H	Ice Machine Remote Cond 1000lb	1333		
	12		Hand Wash Timers	G	20A-1	33	34	I	I	I		1333	
		1320	Reach in Freezer-SW	G	20A-1	35	36	I	I	I			1333
132			Ice mach - 1000 lb (self serve)		15A-1	37	38	15A-3	H	Ice Machine Remote Cond 1000lb	1333		
	132		Ice mach - 1000 lb (self serve)		15A-1	39	40	I	I	I		1333	
		1656	4-Vat fryer hd interlock		20A-1	41	42	I	I	I			1333
										Total Connect	16233	14445	16779
										Connect Amps		132	Amps
										Demand Amps		92	Amps

MLO, AIC: NOTES D6,D7,&D8, Mounting: Flush, NEMA 1				PANEL AP-5						225A, 208Y/120 VAC, 3PH, 4W, CB TYPE: BL or BLH			
WATTS				BRKR	TRP	CCT	CCT	TRIP	BRKR		WATTS		
A	B	C	DESCRIPTION	REQ	PLS	NO.	NO.	PLS	REQ	DESCRIPTION	A	B	C
600			Fridge/Freezer 2Dr Base	G	20A-1	1	2	20A-1		Spare	0		
	600		Fridge/Freezer 2Dr Base	G	20A-1	3	4	20A-2	G	Universal Holding Cabinet P&S		1581	
		600	Fridge/Freezer 2Dr Base	G	20A-1	5	6	I	I	I			1581
600			Fridge/Freezer 2Dr Base	G	20A-1	7	8	20A-2	G	Univeral Holding Cabinet P&S	1581		
	600		Fridge/Freezer 2Dr Base	G	20A-1	9	10	I	I	I		1581	
		864	Toilet Exhaust Fan	G	20A-1	11	12	20A-1	G	Univeral Holding Cabinet Table			240
540			Roof Receptacles	G	20A-1	13	14	20A-1		DT Power Window	120		
	0		Spare	G	20A-1	15	16	20A-1		DT Power Window		120	
		2080	Frozen Carbonated Beverage	G	30A-2	17	18	20A-1		DT Power Window			120
2080			I	I	I	19	20	20A-2	G	Coffee Brewer (front counter)	1612		
	360		Delivery Tablets	G	20A-1	21	22	I	I	I		1612	
		600	Wall Mount Frz Unit SW HC	G	20A-1	23	24	20A-1	G	Pie Display			564
828			Bulk Oil System	G	20A-1	25	26	20A-1	G	Pie Display	564		
	2621		Universal Radiant Toaster	G	30A-2	27	28	20A-1		Irrigation Controller		200	
		2621	I	I	I	29	30	20A-1		DCO-Muzak satellite system			120
0			Spare	G	20A-1	31	32	20A-1		Clg. Mt window recepts	720		
	1368		Warewasher	G	20A-1	33	34	20A-2	G	Humidified Holding Cabinet		946	
		0	Spare		20A-1	35	36	I	I	I			946
0			Spare		20A-1	37	38	25A-2	H	Remote Condensing Unit	1061		
	0		Spare		20A-1	39	40	I	I	I		1061	
		0	Spare		20A-1	41	42	20A-1		Spare			0
										Total Connect	10306	12650	10336
										Connect Amps		92	Amps
										Demand Amps		60	Amps

MLO, AIC: NOTES D6,D7,&D8, Mounting: MDP, NEMA 1				PANEL AP-2						225A, 208Y/120 VAC, 3PH, 4W, CB TYPE: BL or BLH			
WATTS				BRKR	TRP	CCT	CCT	TRIP	BRKR		WATTS		
A	B	C	DESCRIPTION	REQ	PLS	NO.	NO.	PLS	REQ	DESCRIPTION	A	B	C
1105			Ice machine 1400LB	H	15A-3	1	2	20A-1		Spare	0		
	1105		I	I	I	3	4	20A-1		Janitors EF		100	
		1105	I	I	I	5	6	20A-1	G	Dco-General Purpose			1260
144			Blender McFlurry	G	20A-1	7	8	20A-1	G	Refrig-wt-48"	600		
	180		Janitor's closet	G	20A-1	9	10	30A-2	H	Trash Compactor		2496	
		0	Spare	L	20A-1	11	12	I	I	I			2496
0			Spare	G	20A-1	13	14	20A-1		Walk in cooler / freezer	1200		
	864		Bulk oil system (sup area)	G	20A-1	15	16	20A-1		Walk in cooler / freezer		1200	
		1668	Clm gril exhast hood interlock		20A-1	17	18	20A-2	G	Q'ing oven - P& S			1550
840			Meat freezer DW (grill side)	G	20A-1	19	20	I	I	I	1550		
	120		Clean in place panel	G	20A-1	21	22	20A-1	G	Specialty Coffee Refrigerator 27"		468	
		490	Reverse Osmosis, Filtration	G	20A-1	23	24	20A-1	G	ABS (phase c, presenter's booth)			600
180			Dco in trash corrall	G	20A-1	25	26	20A-1	G	Automated beverage sys	1788		
	1200		Bulk oil sys - support area (sa)	G	20A-1	27	28	20A-2	G	Q'ing oven - P& S		1550	
		1032	BIC Machine	G	20A-1	29	30	I	I	I			1550
324			Reach In SW fridge	G	20A-1	31	32	20A-2	G	Infusion Tea Brewer	1352		
	120		Recirc pump		20A-1	33	34	I	I	I		1352	
		1632	Soda syst pack (support area)		20A-1	35	36	20A-1		Spare			0
3122			Soda syst pack (support area)		30A-3	37	38	20A-2	G	Q'ing oven - P& S	1602		
	3122		I		I	39	40	I	I	I		1602	
		3122	I		I	41	42	20A-1	G	Dco-General Purpose			540
										Total Connect	13806	15478	17044
										Connect Amps		129	Amps
										Demand Amps		85	Amps

MLO, AIC: NOTES D6,D7,&D8, Mounting: Flush, NEMA 1				PANEL AP-6						225A, 208Y/120 VAC, 3PH, 4W, CB TYPE: BL or BLH			
WATTS				BRKR	TRP	CCT	CCT	TRIP	BRKR		WATTS		
A	B	C	DESCRIPTION	REQ	PLS	NO.	NO.	PLS	REQ	DESCRIPTION	A	B	C
1092			Hand Dryer	L,G	20A-1	1	2	20A-1		Unit AC-1	600		
	1092		Hand Dryer	L,G	20A-1	3	4	20A-1		Unit AC-2		600	
		1092	Hand Dryer	L,G	20A-1	5	6	20A-1		Unit AC-3			1200
1092			Hand Dryer	L,G	20A-1	7	8	20A-1		Unit AC-4	1200		
	104		Cooler Evaporator	H	20A-2	9	10	20A-1		Spare		0	
		104	I	I	I	11	12	20A-1		Spare			0
2111			Freezer Evaporator	H	30A-2	13	14	20A-1		Spare	0		
	2111		I	I	I	15	16	20A-1		Spare		0	
		0	Spare		20A-1	17	18	20A-1		Spare			0
0			Spare		20A-1	19	20	20A-1		Spare	0		
	0		Space			21	22			Space		0	
		0	Space			23	24			Space			0
0			Space			25	26			Space	0		
	0		Space			27	28			Space		0	
		0	Space			29	30			Space			0
0			Space			31	32			Space	0		
	0		Space			33	34			Space		0	
		0	Space			35	36			Space			0
0			Space			37	38			Space	0		
	0		Space			39	40			Space		0	
		0	Space			41	42			Space			0
										Total Connect	6095	3907	2396
										Connect Amps		34	Amps
										Demand Amps		27	Amps

MLO, AIC: NOTES D6,D7,&D8, Mounting: MDP, NEMA 1				PANEL AP-3						225A, 208Y/120 VAC, 3PH, 4W, CB TYPE: BL or BLH			
WATTS				BRKR	TRP	CCT	CCT	TRIP-	BRKR		WATTS		
A	B	C	DESCRIPTION	REQ	PLS	NO.	NO.	PLS	REQ	DESCRIPTION	A	B	C
4671			4-Vat-Fryer-Electric-S/S/S/S	G	50A-3	1	2	50A-3	G	4-Vat-Fryer-Electric-S/S/S/S	4671		
	4671		I	I	I	3	4	I	I	I		4671	
		4671	I	I	I	5	6	I	I	I			4671
4671			4-Vat-Fryer-Electric-S/S/S/S	G	50A-3	7	8	50A-3	G	4-Vat-Fryer-Electric-S/S/S/S	4671		
	4671		I	I	I	9	10	I	I	I		4671	
		4671	I	I	I	11	12	I	I	I			4671
0			Space			13	14	50A-3	G	Clamshell Grill	2606		
	0		Space			15	16	I	I	I		2606	
		0	Space			17	18	I	I	I			2606
0			Space			19	20	50A-3	G	Clamshell Grill	5200		
	0		Space			21	22	I	I	I		5200	
		0	Space			23	24	I	I	I			5200
0			Space			25	26			Space	0		
	0		Space			27	28			Space		0	
			Space			29	30			Space			0
0		0	Space			31	32			Space	0		
	0		Space			33	34			Space		0	
		0	Space			35	36			Space			0
0			Space			37	38			Space	0		
	0		Space			39	40			Space		0	
		0	Space			41	42			Space			0
										Total Connect	26491	26491	26491
										Connect Amps		221	Amps
										Demand Amps		143	Amps

1000A MLO, NOTES D6,D7, & D8, Mounting: Free Standing, NEMA1				PANEL MDP						208Y/120 VAC, 3PH, 4W			
WATTS				BRKR	TRP	CCT	CCT	TRP	BRKR		WATTS		
A	B	C	DESCRIPTION	REQ	PLS	NO.	NO.	PLS	REQ	DESCRIPTION	A	B	C
2062	5469	4997	Lighting Panel 1; LP-1		225A-3	1	2	225A-3		Appliance Panel; AP-1	16233	14445	16779
13806	15478	17044	Appliance Panel; AP-2		225A-3	3	4	225A-3	SHT	Appliance Panel; AP-3	26491	26491	26491
24257	24257	24257	*Roof Top Unit 1	H	225A-3	5	6	150A-3	L	CP Panel	8514	8052	8728
9984	6656	3328	EV Charger Panel		225-3	7	8	175A-3	H	*Roof Top Unit 3	20655	20655	20655
10306	12650	10336	Appliance Panel; AP-5		225A-3	9	10	225A-3	SHT	Appliance Panel; AP-4	26406	26406	25446
6753	7305	0	KES Breaker Panel		125A-2	11	12	60A-3	H	*Roof Top Unit 2	7085	7085	7085
0	6968	6968	Elec Water Heater Heat Pump	L	80A-2	13	14	225A-3		Appliance Panel; AP-6	6095	3907	2396
3639	3639	3639	Remote Condensing Unit	H	50A-3	15	16			SPD			
6968	0	6968	Elec Water Heater Heat Pump	L	80A-2	17	18			SPD			
						19	20			SPD			
* SEE ELECT SHTS FOR CONDUIT AND WIRE SIZE										Total Connect	189254	189463	185117
										Connect Amps		1565	Amps
										Demand Amps		864	Amps

SINGLE LINE RISER DIAGRAM

BUILDING ELECTRICAL GROUNDING DETAIL

KEY NOTES

1 PROVIDE ENOUGH LENGTH TO TERMINATE DIRECTLY TO GROUND BUS OR USE BOLTED-TYPE CONNECTION DEVICE OR EXOTHERMIC WELD.

2 NON-METALLIC PROTECTIVE SLEEVE. LOCATE SLEEVE DIRECTLY UNDER THE ELECTRICAL SERVICE ENTRANCE PANEL. EC TO PROVIDE PLIABLE SEALANT BETWEEN COPPER WIRE AND SLEEVE.

3 FOR NEW CONSTRUCTION WHEN A SPREAD FOOTING OR DOWN TURNED SLAB IS USED, EC SHALL INSTALL A CONCRETE ENCASED ELECTRODE, COMPLIANT WITH NEC SECTION 250, CONSISTING OF AT LEAST 20 FEET OF BARE #4 AWG COPPER ENCASED IN 2 INCHES OF CONCRETE NEAR THE BOTTOM OF THE FOOTING OR FOUNDATION (BELOW GRADE) THAT IS IN DIRECT CONTACT WITH EARTH.

4 METAL UNDERGROUND WATER PIPE ELECTRODE COMPLIANT WITH NEC SECTION 250. THE GROUNDING CONNECTION TO THE INTERIOR METAL WATER PIPE SHALL BE MADE WITHIN THE FIRST FIVE FEET OF THE WATER PIPE ENTRANCE TO THE BUILDING.

5 IF MULTIPLE GROUNDING RODS ARE BEING USED OR NEED TO BE USED, THEY SHALL ALL BE BONDED TOGETHER PER NEC SECTION 250.

6 CLAMPS SUITABLE FOR DIRECT BURIAL OR EXOTHERMIC WELD.

7 8'-0" X 5/8" CU ROD GROUNDING ELECTRODE COMPLIANT WITH NEC SECTION 250.

8 CU BONDING JUMPER SIZED PER NEC SECTION 250 OR FACTORY PROVIDED NEUTRAL TO GROUND BAR LINK. (THIS IS THE ONLY PLACE IN THE BUILDING WHERE N-G SHALL BE BONDED TOGETHER)

9 ALL METAL RACEWAYS CONTAINING GROUNDING ELECTRODE CONDUCTORS SHALL BE BONDED AT BOTH ENDS AS REQUIRED BY NEC SECTION 250. PROVIDE GROUNDING TYPE BUSHINGS & FITTINGS.

10 MCDONALD'S GROUNDING STANDARDS PURPOSELY EXCEED THOSE GIVEN BY THE NEC. THE ELECTRICAL CONTRACTOR SHALL PROVIDE A BUILDING GROUNDING SYSTEM MEETING NEC AND MCDONALD'S STANDARDS AS SHOWN ON THIS DRAWING.

11

CU GROUNDING ELECTRODE CONDUCTORS AND BONDING JUMPERS SHALL BE SIZED BASED UPON ELECTRICAL SERVICE SIZE PER NEC SECTION 250		
800A 3/0 CU	1000A 3/0 CU	1200A 4/0 CU

● SHOWS CONNECTION/BONDING POINT

12 TERMINAL GROUNDING BUS AT 90"AFF. HARGER #GBI14212D.

SEE SHEET E3.1 FOR GENERAL ELECTRICAL NOTES

BREAKER MODIFICATIONS:
G – GFCI PERSONNEL PROTECTION (5MA)
HID – HID & SWD RATED
L – HANDLE LOCK
H – HACR RATED
S – SWITCH DUTY RATED
SHT – SHUNT TRIP

TOTAL BUILDING 208Y/120V, 3 PHASE, 4-WIRE GENERAL SERVICE POWER BASED ON NEC 220.88 FOR AN "ALL ELECTRIC" NEW RESTAURANT.

ALL ELECTRIC UTILITIES CALC

NEC Optional Method	(kW)	(A)
1. Continuous Loads:	38	105
2. Kitchen Loads:	327	907
3. HVAC Loads:	199	553
4. Cooling:	38	106
5. Total (1+2+3+4):	602	1671
6. Base Value (See 220.88):	325	902
7. Amount Over Base Value (5-6):	277	769
8. Demand Factor:	0.50	
9. Adjusted Value (8*7):	139	385
10. Adjusted Base Value (220.88):	172.5	479
11. Demand (9+10):	311	**864**

DISTRIBUTION EQUIPMENT NOTES:

D1. ALL ELECTRICAL MATERIAL USED ON THIS PROJECT SHALL BE "UL" LISTED AND LABELED.

D2. THE EC/GC/AREA CONSTRUCTION MANAGER WHEN ORDERING PANELBOARDS, SHALL DETERMINE THE NUMBER OF SERVICE ENTRANCE CONDUCTORS, SIZE AND MATERIAL TYPE, AND SHALL PROVIDE THIS INFORMATION TO THE PANELBOARD SUPPLIER SO THAT THE APPROPRIATE LUGS CAN BE PROVIDED FROM THE FACTORY.

D3. ALUMINUM SERVICE ENTRANCE CONDUCTORS SHALL ONLY BE USED WHEN THEY ARE TERMINATED DIRECTLY TO THE LINE LUGS ON A C/T AND METERING CABINET, THE LINE LUGS OF A FUSIBLE DISCONNECT SWITCH OR TO THE LINE LUGS OF A MAIN LUG ONLY (6 HANDLE RULE) SERVICE ENTRANCE PANEL. ALUMINUM SERVICE ENTRANCE CONDUCTORS SHALL NOT BE TERMINATED TO THE LINE LUGS OF ANY MAIN BREAKER SINCE DOING SO WILL VIOLATE IT'S 100% UL RATING. IF ALUMINUM CONDUCTORS ARE USED AS PREVIOUSLY INDICATED THEY SHALL BE TERMINATED AS FOLLOWS, AND THE WIRE SIZE INCREASED DUE TO LOWER AMPACITY OF ALUMINUM. EXPOSED ALUMINUM CONDUCTOR STRANDS SHALL BE COATED WITH AN ANTI-OXIDANT IMMEDIATELY AFTER INSULATION IS STRIPPED AWAY. A COMPRESSION LUG SHALL BE PROPERLY INSTALLED ONTO THE EXPOSED ALUMINUM CONDUCTOR STRANDS, AND THAT COMPRESSION LUG SHALL THEN BE BOLTED TO THE TRANSFORMER TAPS AND SWITCHBOARD BUSS USING PROPERLY SIZED BOLTS, NUTS AND WASHERS. MERELY INSERTING ALUMINUM STRANDS UNDER A SCREW LUG SHALL NOT BE ACCEPTABLE.

D4. THE SURGE PROTECTIVE DEVICE (SPD) UNIT SHALL BE AN INTEGRAL UNIT PROVIDED AND INSTALLED BY THE SWITCHBOARD MANUFACTURER. ORDER APPROVED UNITS AS SHOWN IN D5.

D5. APPROVED SWITCHBOARDS, PANEL, & SPD SUPPLIER (IN ADDITION TO ORDERING SWITCHBOARD & PANELS ALSO ORDER SPD) SUPPLIERS:

SQUARE D VIA GRAYBAR
900 REGENCY DRIVE
GLENDALE HEIGHTS, IL 60139
TEL: (800)784-6059 OR (630) 671.6304

SPD INTEGRAL: I-LINE SERIES,
(208Y/120V, 3Ø)

D6. MAIN INCOMING METER / CURRENT TRANSFORMER CABINET, MAIN DISTRIBUTION PANEL MDP, SERVICE CABINET AND SWITCH SHALL BE BRACED FOR THE HIGHEST AVAILABLE FAULT CURRENT BUT NOT LESS THAN NEMA SYMMETRICAL RMS OF 65,000 AMPERES. CONTACT UTILITY/PM/GC/EC AS REQUIRED.

D7. BRANCH BREAKERS IN ALL LP, AP AND (CP IF USED) PANELS SHALL HAVE A NEMA SYMMETRICAL RMS RATING OF 10,000 AMPS. ALL CIRCUIT BREAKERS IN AP, LP AND CP PANELS SHALL BE SERIES RATED WITH THE CIRCUIT BREAKERS IN PANEL MDP SO THAT ALL CIRCUIT BREAKERS IN ALL BRANCH PANELBOARDS ARE PROTECTED AGAINST THE MAXIMUM FAULT CURRENT AVAILABLE AT THE MAIN SERVICE DISCONNECT. NO DESIGN CHANGES SHALL BE MADE TO THE DISTRIBUTION SYSTEM WITHOUT THE WRITTEN APPROVAL OF THE PROFESSIONAL ELECTRICAL ENGINEER OF RECORD. FOR A SERIES RATED SYSTEM USING PANEL BOARDS MANUFACTURED BY SQUARE-D USE A FULLY RATED MAIN BREAKER (SM-RGC) AS WELL AS OTHER FULLY RATED BREAKERS IN THE MDP (QG, FH, RGC) AND SERIES RATED BREAKERS (QO (B), QO (B) VH) IN THE SUB-BREAKERS.

D8. PANELBOARD SUPPLIER SHALL MARK CLEARLY & LEGIBLY ON THE DOORS OF ALL PANELS. DOORS OF ALL PANELS "CAUTION – SERIES RATED SYSTEM ______A AVAILABLE. IDENTIFIED REPLACEMENT COMPONENTS REQUIRED."

D9. ALL BREAKERS SHALL BE THE BOLT-ON TYPE. ALL CIRCUIT BREAKERS SHALL BE CAPABLE OF BEING LOCKED OUT TO COMPLY WITH OSHA REGULATION 1910.147 LOCKOUT/TAGOUT PROCEDURES.

D10. BRANCH BREAKERS OF 2P AND 3P CONFIGURATION SHALL HAVE A COMMON TRIP.

D11. ALL CIRCUIT BREAKERS USED TO SWITCH LIGHT FIXTURES SHALL BE APPROVED FOR THE PURPOSE AND MARKED "SWD".

D12. ALL HVAC CIRCUIT BREAKERS SHALL BE HACR TYPE. SEE TABLE ON SHEET E4.0 FOR CONDUIT AND WIRE SIZE REQUIREMENTS.

D13. PANELBOARD SUPPLIER SHALL PROVIDE ENGRAVED PLASTIC LAMINATED LABELS TO IDENTIFY ALL PANELS. LABEL FOR COMPUTER PANEL SHALL READ "COMPUTER ONLY PANEL".

D14. ALL PANELS SHALL BE PROVIDED WITH A KEY LOCK AND LATCH. EACH PANEL SHALL HAVE TWO KEYS WITH ALL PANELS KEYED ALIKE.

D15. PANELBOARD MANUFACTURER SHALL PROVIDE ARC-FLASH WARNING LABELS FOR MDP AND ALL BRANCH PANELBOARDS IN ACCORDANCE WITH NEC110.

D16. ALL RECEPTACLES IN THE KITCHEN AREA MUST HAVE GROUND FAULT CIRCUIT-INTERRUPTER PROTECTION PER NEC 210.8 (B) (2).

D17. ON PROJECTS RATED 1200 AMPS OR MORE, AND FOLLOWING NEC 2017 OR NEWER, ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR DATA COLLECTION INCLUDING BUT NOT LIMITED TO UTLITY TRANSFORMER DATA, CABLE LENGTHS, ETC AND COORDINATING WITH THE SWITCHBOARD SUPPLIER OR ELECTRICAL ENGINEER SO THAT AN ARC FLASH STUDY CAN BE PREFORMED. SUPPLIER SHALL SHARE THE RESULTS OF THE STUDY WITH THE ENGINEER OF RECORD SO THAT THE APPROPRIATE ARC ENERGY REDUCTION METHOD MEETING THE REQUIREMENTS ON NEC 240.87 CAN BE APPLIED. CONTRACTOR SHALL ALSO BE RESPONSIBLE TO AFFIX THE LABELS ON THE DESIGNATED EQUIPMENT PROVIDED BY THE SUPPLIER.

REV	DATE	DESCRIPTION	BY
1	12/10/24	DESIGN REVIEW	JAY
1	03/20/25	PLAN CHECK COMMENTS	JAY

Professional of Record:
PM DESIGN
Architectural Solutions Group
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JAMES YBARRA, P.E.
PHONE: (425) 409-2496
EMAIL: JYBARRA@PMDGINC.COM

PRCNC20241917

Seal
54390
3/19/25

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY: JAY
STD ISSUE DATE: 12/10/24
REVIEWED BY: JAY
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS, WOOD ROOF TRUSS FRAMING, STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ADDRESS: 2902 E. Pioneer, Puyallup, WA 98372
SITE ID: 046-1172

046-1172.00.0
E4.2
UTILITY DISTRIBUTION
MCD24092.0

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

LIGHTING COMPLIANCE SUMMARY

2021 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1

Project & Applicant Information	Project Title	McDonalds Puyallup 24092.0 - 2021 WSEC	For Building Department Use:	Date: Dec 21, 2024
	Project Address	2902 E. Pioneer Puyallup, WA 98372		
	Applicant Name	Thang Pham		
	Applicant Phone	425-405-7747		
	Applicant Email	tpham@pmdginc.com		
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com				

General Occupancy	All Commercial		General Building Use Type		Dining, Fast Food	Building Cond. Floor Area	3,861
General Project Types	New Building	New Building or Addition Lighting Scope	Interior Lighting Exterior Lighting	Alteration Lighting Scope		Project Cond. Floor Area	3,861
						Floors Above Grade	1
						Compliance Method	General Prescriptive
Lighting Project Description							

Lighting Compliance Scope and Method	Project Type	Interior / Exterior (Interior includes both interior & parking)	Luminaire Replacement Scope	Compliance Method	LPA Calculation Adjustment	Compliance Verification
	New Building	Interior Lighting		Building area	No Calculation Adjustments selected	COMPLIES
	New Building	Exterior Lighting			Not applicable to exterior	COMPLIES
Additional Energy Efficiency (AEC) Measures Included	No lighting or electrical additional energy efficiency measures included in project		Load Management (LDM) Measures Included		No lighting or electrical load management measures included in project	

Project Title	McDonalds Puyallup 24092.0 - 2021 WSEC	Date	Dec 21, 2024
Lighting Power Calculation	NEW BUILDING - INTERIOR LIGHTING	Compliance Verification	COMPLIES
Compliance Method	Building area	LPA Calculation Adjustment	none

Interior Lighting Power Allowance - Building Area

Building Areas	Gross Interior Area (SF)	LPA (Watts/SF)	Total Watts Allowed (SF x LPA x 1)	Total Proposed Watts By Building Area	Compliance Status by Building Area
Dining - Cafeteria/fast food	3,861	0.72	2,780	2,152	COMPLIES

Proposed Lighting Power Density

Fixture Type/Application	Fixture ID	Building Area	New or Existing-to-Remain	Quantity of Fixtures, CLDs or Luminaires (#F)	Watts per Fixture, CLD or Luminaire (WpF)	Total Linear Feet (LF)	Watts per Linear Foot (WpLF)	Total Watts Proposed (#F x WpF) or (LF x WpLF)
Individual Fixtures								
Troffer	F2	Dining - Cafeteria/fast food	New	27	44			1,188
Troffer	F7	Dining - Cafeteria/fast food	New	1	44			44
Recessed cove lighting	C	Dining - Cafeteria/fast food	New	1	15			15
Recessed downlight	L2R	Dining - Cafeteria/fast food	New	43	16			688
Wall wash	L4	Dining - Cafeteria/fast food	New	8	7			56
Other fixture type	L1	Dining - Cafeteria/fast food	New	3	7			21
Other fixture type	L2	Dining - Cafeteria/fast food	New	10	14			140

Project Title	McDonalds Puyallup 24092.0 - 2021 WSEC	Date	Dec 21, 2024

Proposed Fixtures Details	NEW BUILDING - INTERIOR LIGHTING				
Fixture Type/Application	Fixture ID	Location in Documents	Lamp Type	Building Area	New or Existing-to-Remain
Individual Fixtures					
Troffer	F2	E2.0	LED	Dining - Cafeteria/fast food	New
	Fixture Description:			Are these fixtures located within a daylight zone?:	
	Do these fixtures require specific application lighting controls?:				
Troffer	F7	E2.0	LED	Dining - Cafeteria/fast food	New
	Fixture Description:			Are these fixtures located within a daylight zone?:	
	Do these fixtures require specific application lighting controls?:				
Recessed cove lighting	C	E2.0	LED	Dining - Cafeteria/fast food	New
	Fixture Description:			Are these fixtures located within a daylight zone?:	
	Do these fixtures require specific application lighting controls?:				
Recessed downlight	L2R	E2.0	LED	Dining - Cafeteria/fast food	New
	Fixture Description:			Are these fixtures located within a daylight zone?:	
	Do these fixtures require specific application lighting controls?:				
Wall wash	L4	E2.0	LED	Dining - Cafeteria/fast food	New
	Fixture Description:			Are these fixtures located within a daylight zone?:	
	Do these fixtures require specific application lighting controls?:				
Other fixture type	L1	E2.0	LED	Dining - Cafeteria/fast food	New
	Fixture Description:			Are these fixtures located within a daylight zone?:	
	Do these fixtures require specific application lighting controls?:				
Other fixture type	L2	E2.0	LED	Dining - Cafeteria/fast food	New
	Fixture Description:			Are these fixtures located within a daylight zone?:	
	Do these fixtures require specific application lighting controls?:				

Project Title	McDonalds Puyallup 24092.0 - 2021 WSEC	Date	Dec 21, 2024
Lighting Power Calculation	NEW BUILDING - EXTERIOR LIGHTING	Compliance Verification	COMPLIES
Exterior Lighting Zone	ZONE 3	Base Site Allowance	400

Exterior Lighting Power Allowance

Exterior Surface	Surface Sub-Type	Surface Area (SF)	LPA (Watts/SF)	Linear Feet (LF)	LPA (Watts/LF)	Total Watts Allowed (LPA x SF) or (LPA x LF)	Total Proposed Watts	Compliance Status
Building entrances and exits	Pedestrian entrances & exits			82	14	1,148		
Uncovered parking areas and drives		35,466	0.037			1,312		
					Base Site Allowance	400		
					Totals	2,860	1,930	COMPLIES

Proposed Exterior Lighting Power Density

Fixture Type	Fixture ID	Exterior Surface Type	Quantity of Fixtures (#F)	Watts or Wattage Limit per Fixture (WpF)	Total Linear Feet (LF)	Watts per Linear Foot (WpLF)	Total Watts Proposed (#F x WpF) or (LF x WpLF)
Individual Fixtures							
Canopy	F12G	Building entrances and exits - Pedestrian entrances & exits	15	12			180
Pole-mounted	S3	Uncovered parking areas and drives -	6	273			1,638
Wall-mounted	S1H	Building entrances and exits - Pedestrian entrances & exits	8	14			112
						Proposed Total LPD	1,930

	Remaining Base Site Allowance Watts	400

Exterior Additional Lighting Power Allowance

Additional LPA Surface	Surface Sub-Type	Surface Area (SF)	LPA (Watts/SF)	# of Items	LPA (Watts per # of items)	Total Watts Allowed (LPA x SF) or (LPA x # of Items)	Total Proposed Watts by Surface Type	Proposed Watts Exceeding LPA	Compliance Status
Drive-up windows & doors				3	132.0	396	72		
							Total Proposed Watts Exceeding LPA	0	
							Remaining Base Site Allowance	400	COMPLIES

Proposed Exterior Additional Lighting Power Density

Fixture Type	Fixture ID	Additional LPA Surface Type	Quantity of Fixtures (#F)	Watts or Wattage Limit per Fixture (WpF)	Total Linear Feet (LF)	Watts per Linear Foot (WpLF)	Total Watts Proposed (#F x WpF) or (LF x WpLF)
Individual Fixture							
Canopy	F12G	Drive-up windows & doors -	6	12			72

Project Title	McDonalds Puyallup 24092.0 - 2021 WSEC	Date	Dec 21, 2024

Proposed Fixtures Details	NEW BUILDING - EXTERIOR LIGHTING				
Fixture Type	Fixture ID	Location in Documents	Lamp Type	Exterior Surface Type	New or Existing-to-Remain
Individual Fixtures					
Canopy	F12G	E2.0	LED	Building entrances and exits - Pedestrian entrances & exits	New
	Fixture Description:			Do these fixtures require specific exterior lighting controls?:	
Pole-mounted	S3	E0.1	LED	Uncovered parking areas and drives -	New
	Fixture Description:			Do these fixtures require specific exterior lighting controls?:	
Wall-mounted	S1H	E2.0	LED	Building entrances and exits - Pedestrian entrances & exits	New
	Fixture Description:			Do these fixtures require specific exterior lighting controls?:	

Fixture Type	Fixture ID	Location in Documents	Lamp Type	Additional LPA Surface Type	New or Existing-to-Remain
Individual Fixture					
Canopy	F12G	E2.0	LED	Drive-up windows & doors -	New
	Do these fixtures require specific exterior lighting controls?: None required				

REV	DATE	DESCRIPTION	BY
	12/10/24	DESIGN REVIEW	JAY
1	03/20/25	PLAN CHECK COMMENTS	JAY

Professional of Record:
PM DESIGN Architectural Solutions Group
19401 40TH AVE W
SUITE 420
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JAMES YBARRA, P.E.
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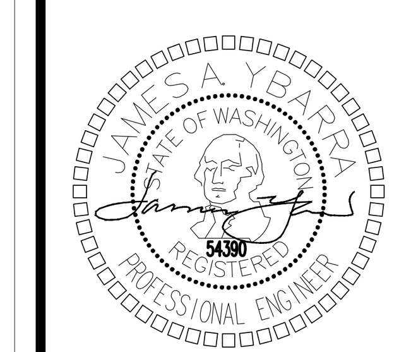
PRCNC20241917



Seal 3/19/25

PREPARED FOR: McDonald's USA, LLC

DRAWN BY JAY	STD ISSUE DATE 12/10/24
REVIEWED BY JAY	DATE ISSUED 03/20/25

TITLE
2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA

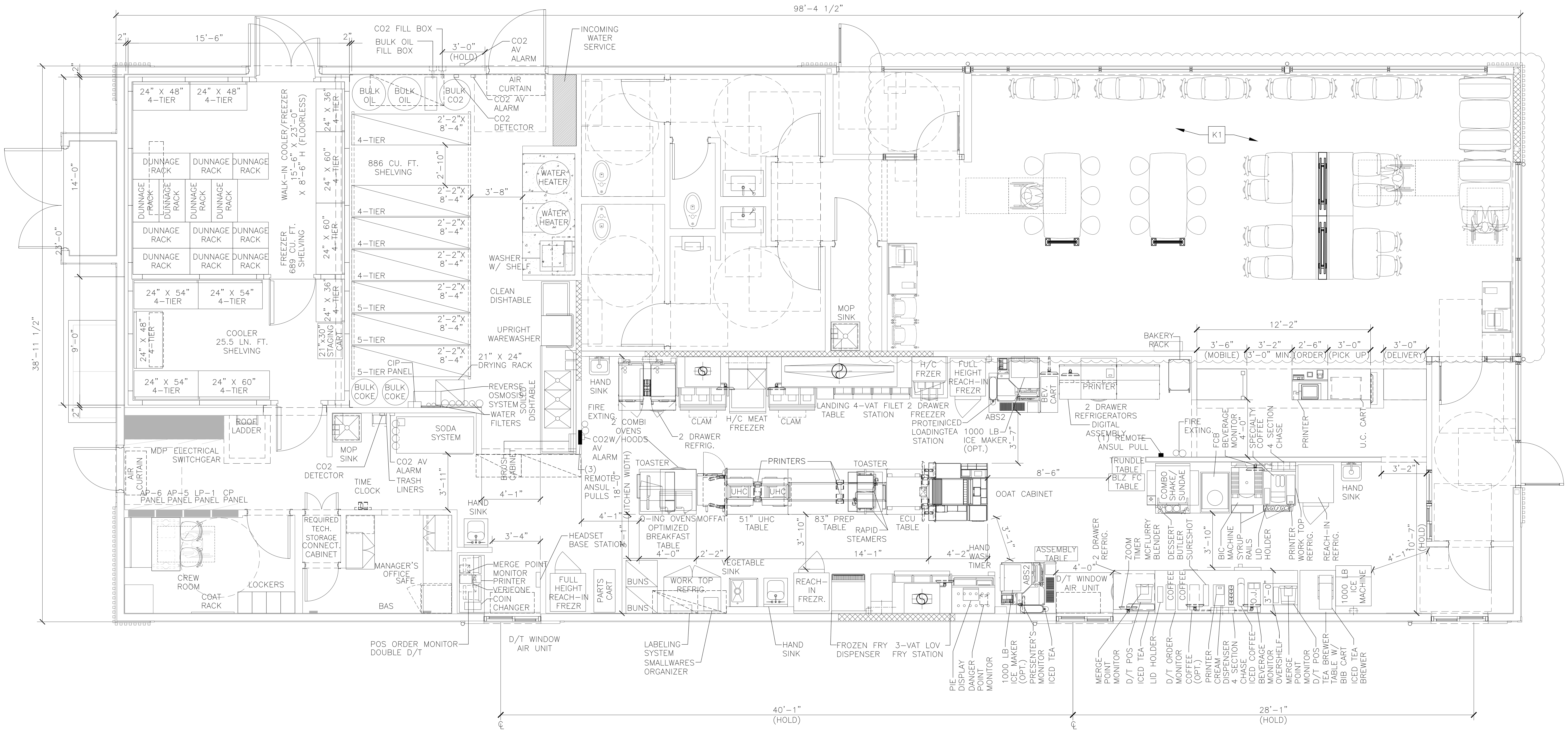
DESCRIPTION
2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID 046-1172 | SITE ADDRESS 2902 E. Pioneer, Puyallup, WA 98372

046-1172.00.0
E4.3
ENERGY CODE

MCD24092.0 – PUYALLUP, WA

P:\SEA\04 MEP\MCDONALDS\MEP-MCD24092.0 – PUYALLUP, WA\03 CONSTRUCTION DOCUMENTS\ELEC.DWG 3/21/2025 12:13 PM JAMES YBARRA



1
K1.0
KITCHEN PLAN
1/4" = 1'-0"

KEYED NOTES

K1	CUSTOMER KIOSK & DECOR LAYOUT FOR REFERENCE ONLY. VERIFY KIOSK PLACEMENT PER USRD APPROVED KIOSK REVIEW

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

P:\AC\01-PROJECTS AMERICAN CANYON\MCDONALD'S__MCD 2024\MCD24092.0 - 461180 - NEW - PUYALLUP _ WA\01 DRAWINGS\01-ARCHITECTURAL\03 CONSTRUCTION DOCUMENTS\07-461180_A-KIT.DWG 3/17/2025 10:57 AM MARK POINDEXTER

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
1	03/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:

PM DESIGN Architectural Solutions Group

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HALA IBRAHIM
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KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664
REGISTERED ARCHITECT
KENNETH McCRACKEN
STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25
Seal 01366

PREPARED FOR:
McDonald's USA, LLC

DRAWN BY RH	STD ISSUE DATE 12/10/24
REVIEWED BY HII	DATE ISSUED 03/20/25

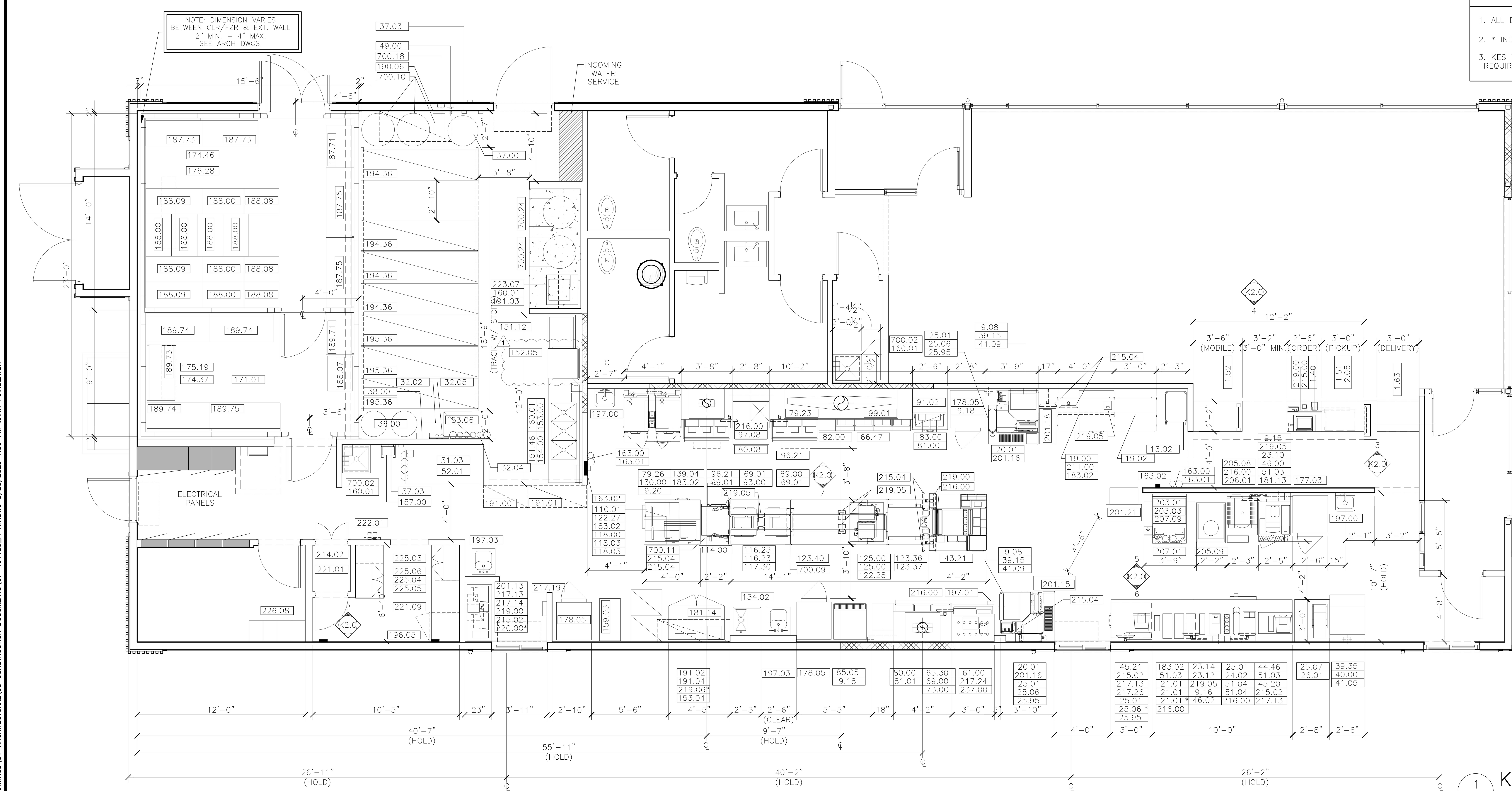
TITLE
2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA

DESCRIPTION
2024 STANDARD BUILDING - WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID	SITE ADDRESS
046-1180	2902 E Pioneer, Puyallup, WA 98372

SHEET NO.
046-1180.00.0
K1.0
KITCHEN PLAN

MCD24092.0 - PUYALLUP, WA

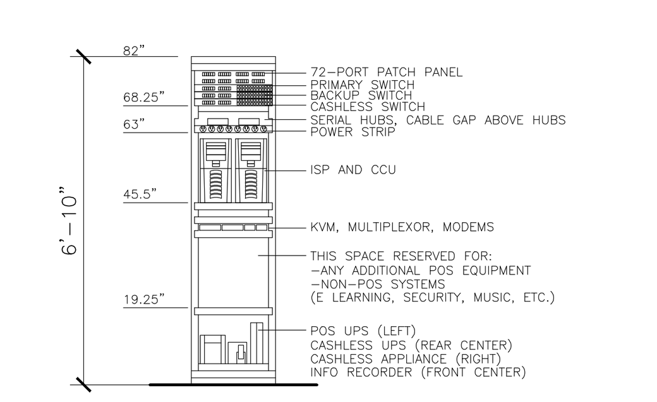


DRAWING NOTES

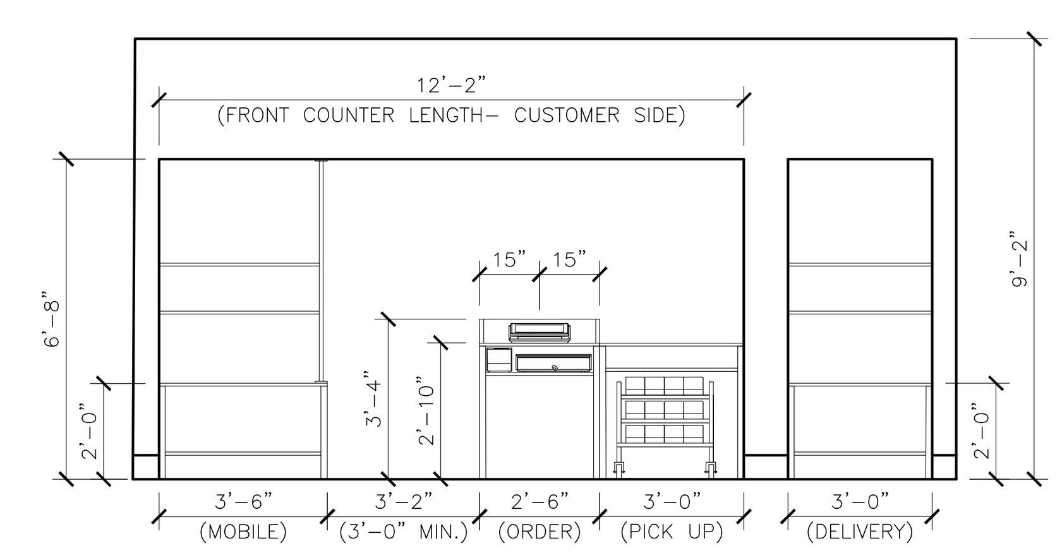
1. ALL DIMENSIONS SHOWN ARE TAKEN TO FACE OF WALL FINISH
2. * INDICATES OPTIONAL EQUIPMENT
3. KES TO VERIFY ALL BLOCKING FOR WALL MOUNTED EQUIPMENT AS REQUIRED BY GENERAL NOTE 9 ON A1.0 PRIOR TO INSTALLATION

SEE SHEET K2.1 FOR EQUIPMENT SCHEDULE

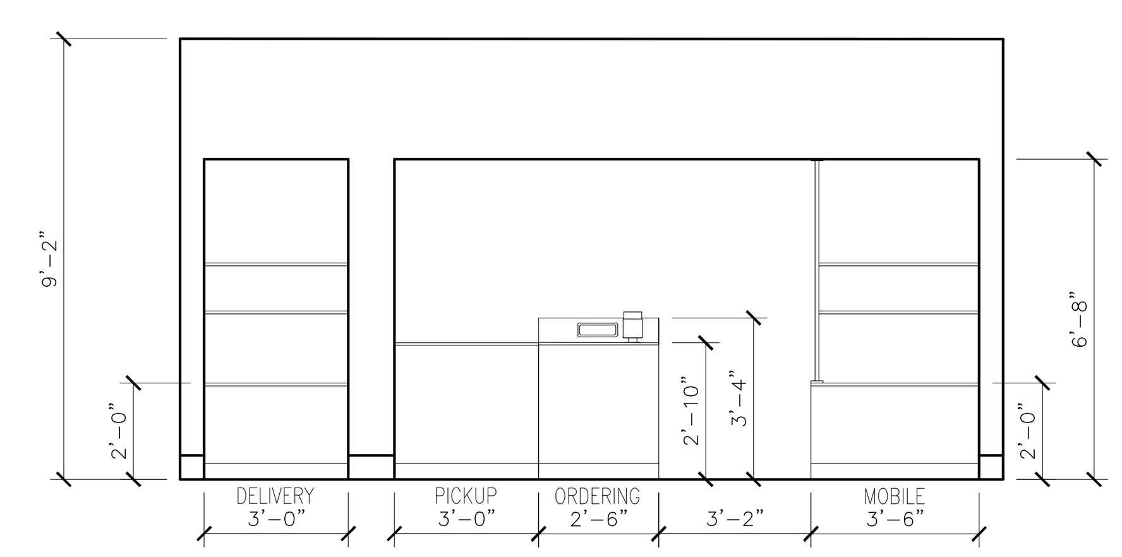
1 K2.0 KITCHEN EQUIPMENT PLAN
1/4" = 1'-0"



2 K2.0 COMPUTER CLOSET RACK
1/4" = 1'-0"



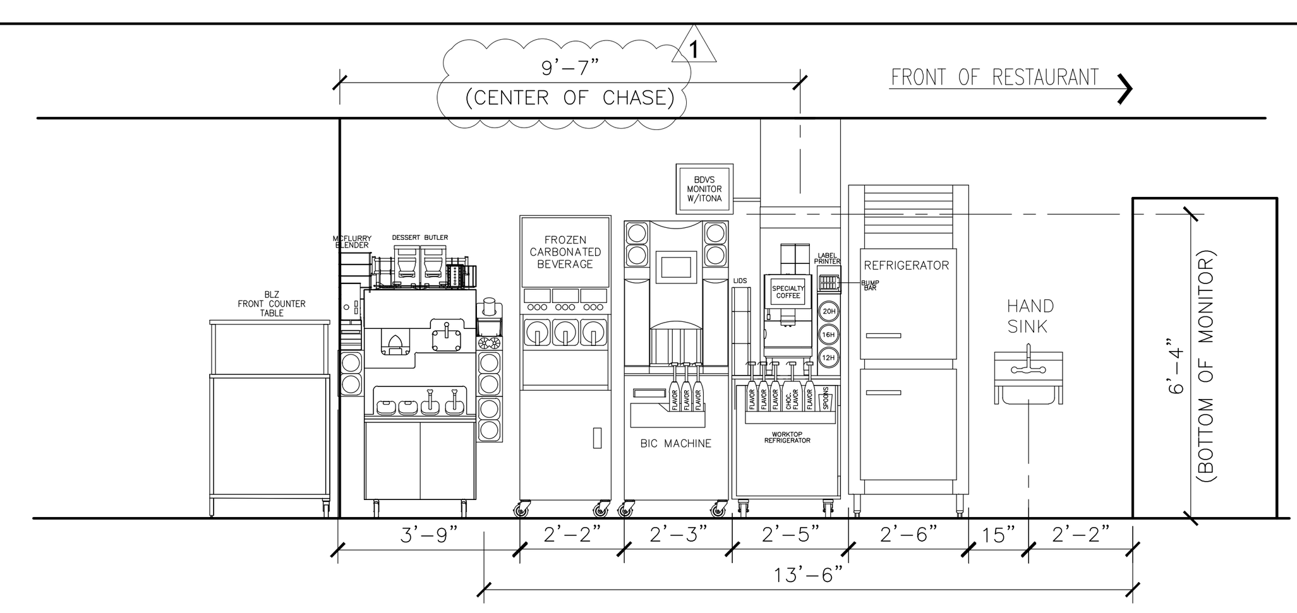
3 K2.0 FRONT COUNTER
1/4" = 1'-0"



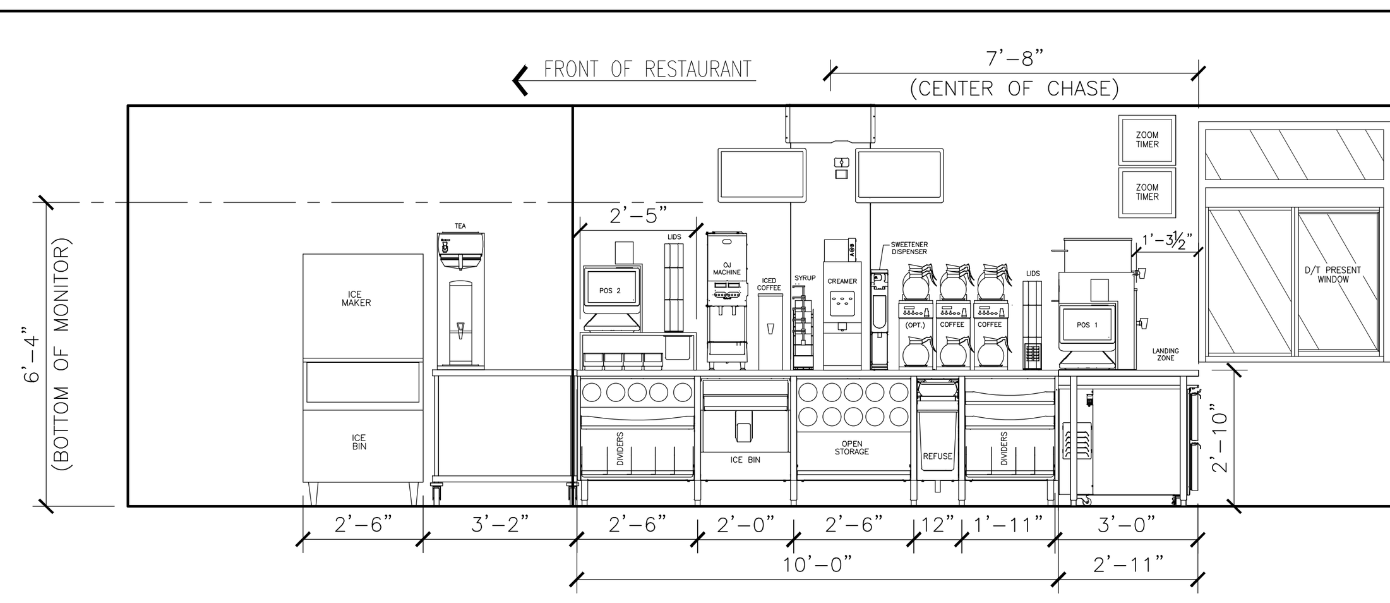
4 K2.0 FRONT COUNTER ELEVATION
1/4" = 1'-0"

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

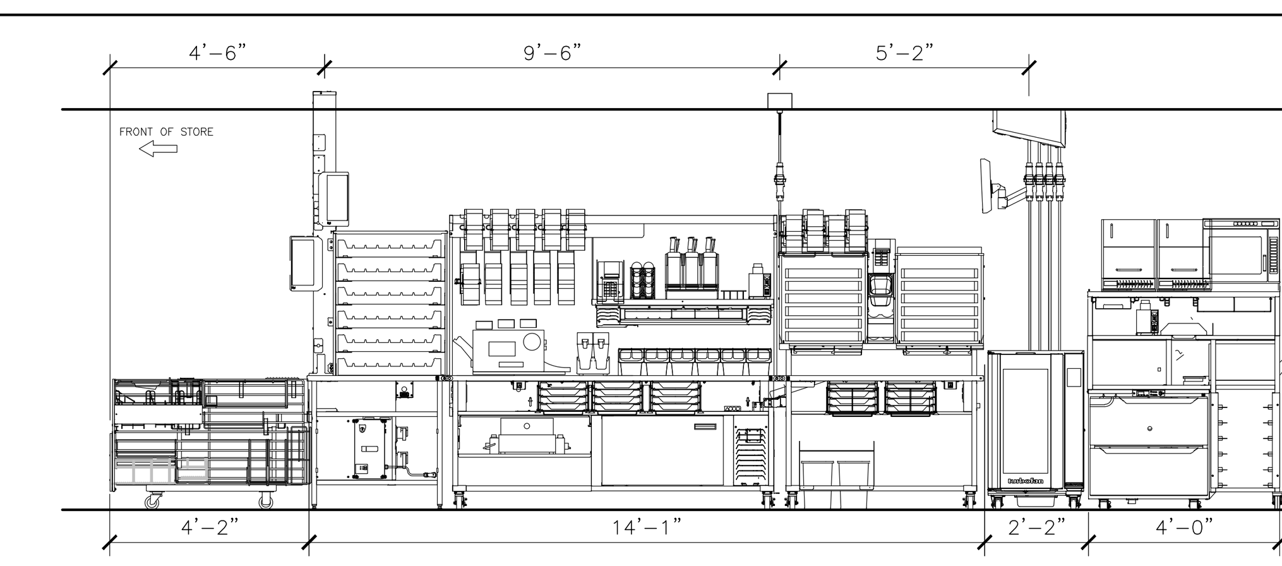
Building	Planning
Engineering	Public Works
Fire	Traffic



5 K2.0 BEVERAGE CELL (INTERIOR WALL)
1/4" = 1'-0"



6 K2.0 BEVERAGE CELL (EXTERIOR WALL)
1/4" = 1'-0"



7 K2.0 COMPACT OPTIMIZED PREP LINE
1/4" = 1'-0"

REV	DATE	DESCRIPTION	BY
	12/10/24	ISSUED FOR PERMIT	HII
1	03/20/25	PLAN CHECK COMMENTS	HII

Professional of Record:

PM DESIGN Architectural Solutions Group
211 GATEWAY RD. W. SUITE, #208 NAPA, CA 94558
HALA IBRAHIM
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KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664 REGISTERED ARCHITECT
KENNETH McCRACKEN STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25
Seal

PREPARED FOR: McDonald's USA, LLC

DRAWN BY: MZ
STD ISSUE DATE: 12/10/24
REVIEWED BY: HII
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING - BB20
3898 - PUYALLUP, WA

DESCRIPTION: 2024 STANDARD BUILDING - WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING

SITE ID: 046-1180
SITE ADDRESS: 2902 E Pioneer, Puyallup, WA 98372

MCD24092.0 - PUYALLUP, WA

SHEET NO. 046-1180.00.0
K2.0
KITCHEN PLAN

P:\AC\01-PROJECTS AMERICAN CANYON\MCDONALD'S_MCD 2024\MCD24092.0 - 461180 - NEW - PUYALLUP - WA\01 DRAWINGS\01-ARCHITECTURAL\03 CONSTRUCTION DOCUMENTS\07-461180_A-KIT.DWG 3/20/2025 1:33 PM MARK PONDEXTER

x = Optional Equipment
GC = General Contractor
R = Relocated Equipment
VIF = Verify in Field

EQUIPMENT SCHEDULE

ITEM	O	QTY	DESCRIPTION	MANUFACTURER	MODEL #	UL	NSF	FURNISHED	GENERAL REMARKS	SPECIAL REQUIREMENTS
1.40		2	SERVICE POD – 30"	DECOR	SEE PLAN	–	2	GC	–	
1.51		2	PICKUP POD – 36"	DECOR	SEE PLAN	–	2	GC	–	
1.52		2	PICKUP POD – 42"	DECOR	SEE PLAN	–	2	GC	–	
1.63		1	McDELIVERY PICKUP COUNTER	DECOR	SEE PLAN	–	2	GC	–	
2.05		1	UNDER COUNTER CART – 24"W x 18"D FRONT COUNTER	INTERMETRO	UC18–DMS	–	2	KES	–	
9.08		2	UTILITY CHASE – ICE MAKER ON ABS VERSION	KES	5"x8"x23"	–	2	KES	CONCEALS WATER AND CONDENSING UNIT LINES	
9.15		1	UTILITY CHASE – FFDT INTERIOR WALL	KES	20"x5"x76"	–	2	KES	4 SECTION CHASE FOR BUYOUT RECEPTACLES, POS, CO2 AND WATER	
9.16		1	UTILITY CHASE – FFDT EXTERIOR WALL	KES	20"x5"x76"	–	2	KES	4 SECTION CHASE FOR BUYOUT RECEPTACLES, POS AND WATER	
9.18		2	UTILITY CHASE – WALL VERSION	KES	4"x4"x82"	–	2	KES	CHASE FOR BULK OIL LINES, MOUNT AT 2'–0"	
9.20		1	UTILITY CHASE – COMBI CELL	KES	4"x8"x84"	–	2	KES	CHASE FOR BUYOUT RECEPTACLES AND WATER	
13.02		1	BAKERY RACK	KRISPY KREME	18"x26"x65"	–	2	SUPPLIER	–	
19.00		1	DIGITAL ASSEMBLY CART – 48"	INTERMETRO	MCDDAC–48	–	2	KES	–	
19.02		1	DIGITAL ASSEMBLY CART – 36"	INTERMETRO	MCDDAC–36	–	2	KES	–	
20.01		2	AUTOMATED BEVERAGE SYSTEM 2.0	IMI CORNELIUS	621058590LON	–	–	KES	INSTALLATION KIT INCLUDES STAINLESS STEEL CHASE & DATA LINE	
21.01		3	COFFEE BREWER (THERMAL POTS)	BUNN–O– MATIC	AXIOM–DV–3	E32066	4	KES	W/ELECTRONIC CONTROLLER FOR CONVERSION TO LOW OR HIGH VOLTAGE	
23.10		1	ESPRESSO BREWER	FRANKE	FM850	–	4	KES	–	
23.12		1	COFFEE CREAM DISPENSER	SURESHOT	AC110–PC–51	E217698	20	KES	–	
23.14		1	SUGAR/SWEETENER DISPENSER	SURESHOT	AC2–GP–1–G38	E217698	18	KES	–	
24.02		1	JUICE DISPENSER	BUNN–O– MATIC	JDF–2S	–	18	KES	–	
25.01		4	SLIMLINE ICED BEVERAGE DISPENSER	BUNN–O– MATIC	TDO–N	E32066	4	KES	KES TO VERIFY EXACT QUANTITY PER MARKET	
25.06		3	SLIMLINE ICED BEVERAGE DISPENSER – SHORT	BUNN–O– MATIC	TDO–N LP	E32066	4	KES	KES TO VERIFY EXACT QUANTITY PER MARKET	
25.07		1	INFUSION TEA BREWER – MIS	BUNN–O– MATIC	ITCB–DV	E32066	4	KES	PROVIDED WITH BREWER, INSTALLATION KIT AND TDO–N BOOSTER	
25.95		3	SLIMLINE ICED BEVERAGE DISPENSER – 2 TIER STAND	KES	–	–	2	KES	–	
26.01		1	TEA BREWER TABLE – 36"X36"	ISS SHELVING	WST1758C	–	2	KES	–	
31.03		1	SODA SYSTEM PACKAGE B.I.B.(RECIRCULATING– 3 TOWERS) – REMOTE	MULTIPLEX	50MR04	SA4632	18	KES	–	
32.02		1	REVERSE OSMOSIS WATER FILTRATION SYSTEM – TANKLESS	EVERPURE	MRS–600HE	–	–	KES	FOR COFFEE MAKER, ESPRESSO MACHINE, AND RAPID BUN STEAMER	
32.04		1	WATER FILTRATION SYSTEM	EVERPURE	EV9337–26	–	–	KES	–	
32.05		1	WATER FILTRATION SYSTEM	EVERPURE	EV9272–24	–	–	KES	FOR COMBI OVENS AND STAGING CABINET	
36.00		2	BULK COKE	CHART INDUSTRIES	10667511	–	18	MANU–FACTURER	SYRUP LINES BY CHART INDUSTRIES	
37.00		1	BULK CO2 – 750 LB.	CHART INDUSTRIES	CARBO–MAX 750	–	–	MANU–FACTURER	–	
37.03		2	CO2 SAFETY SYSTEM	SEE RMKS	–	–	–	KES	SEE MECHANICAL DRAWINGS	INCLUDES DETECTOR AND (4) AV ALARMS
38.00		1	CLEAN IN PLACE PANEL	CHART INDUSTRIES	10667431	–	18	MANU–FACTURER	MOUNT 6"W x 7"H. BOX @ 6'–0" AFF TO BOX CENTER LINE	
39.15		2	ICE MACHINE – 1000 LB.	MANITOWOC	IBT1020C–161	SA4027	12	KES	CONDENSER: CVDT1200	
39.35		1	ICE MACHINE – 1000 LB.	MANITOWOC	IYT1200N3/ D570	SA4027	12	KES	–	
40.00		1	ICE MACHINE CHASE	KES	4"x6"x48"	–	2	KES	CONCEALS WATER AND CONDENSING UNIT LINES	
41.05		1	ICE MACHINE REMOTE CONDENSER – 1000 LB.	MANITOWOC	JC–1095	SA4027	12	KES	–	
41.09		2	ICE MACHINE REMOTE CONDENSER – 1000 LB.	MANITOWOC	CVDT1200–263A	SA4027	12	KES	–	
43.21		1	OPTIMIZED ORDER ASSEMBLY TABLE	KES	90001	E152097	2	KES	–	
44.46		1	SMALL RISER SHELF – 18" TO 30"	FRANKE	18006010	–	2	KES	–	
45.20		1	MODULAR BEVERAGE CABINET – 10'–0"	KES	–	–	2	KES	–	
45.21		1	BEVERAGE CABINET – DRIVE–THRU TABLE 35"	KES	–	–	2	KES	–	
46.00		1	CUP DISPENSER VERTICAL 3 CUP	KES	–	–	2	KES	–	
46.02		1	SYRUP BOTTLE RACK – (5) SYRUP PUMPS	PRONTO	–	–	2	KES	–	
49.00		1	CO2 FILL BOX – 6 1/2"W x 18"H	CHART INDUSTRIES	8512629	–	–	MANU–FACTURER	SEE EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT. INSTALLED BY GC	
51.03		3	CUP LID HOLDER 3 HIGH S/S	KES	–	–	2	KES	–	
51.04		2	CUP LID HOLDER SINGLE STACK 8" HIGH	KES	–	–	2	KES	–	
52.01		1	REMOTE CONDENSING UNIT – 50MR04	MULTIPLEX	TS–0895	SA2298	–	KES	ORDER PRE–CHARGE LINE #204017 – VIF LENGTH FROM UNIT TO SODA SYST.	
61.00		1	FRY BAGGING STATION 36"	KES	FB25A	E99018	2	KES	–	
65.30		1	3–VAT LOV FRYER – ELECTRIC – F/F/F	HENNY PENNY	LVE–203	E30993	4	KES	–	IDLE ENERGY RATE=0.73kW, ENERGY EFFICIENCY=87%
66.47		1	4–VAT LOV FRYER – ELECTRIC – S/S/S/S	HENNY PENNY	LVE–204	E30993	4	KES	–	IDLE ENERGY RATE=0.73kW, ENERGY EFFICIENCY=87%
69.00		2	CAPTURE JET PLENUM – FRYER	HALTON	CJP–F	MH27607	2	KES	ATTACH TO UNIVERSAL EXHAUST HOOD	
69.01		2	CAPTURE JET PLENUM – GRILL	HALTON	CJP–G	MH27607	2	KES	ATTACH TO UNIVERSAL EXHAUST HOOD	
73.00		1	UNIVERSAL EXHAUST HOOD 3–VAT FRYER	KES	UH–50	MH12755	2	KES	–	
79.23		1	UNIVERSAL EXHAUST HOOD FULL–CLAM/4–VAT FRYER	KES	UH–122	MH12755	2	KES	–	
79.26		2	VENTLESS HOOD FOR COMBI OVEN	CONVOTHERM	CONOVENT MINI 6.10	E325060	2	KES	–	
80.00		1	MECHANICAL CHASE	KES	9"x18" SGCL.	E163328	2	KES	–	
80.08		1	MECHANICAL CHASE	KES	9"x32" SGCL.	E163328	2	KES	–	
81.00		1	PROTEIN LOADING STATION KIT	KES	272436	–	2	KES	–	
81.01		1	PRODUCT LANDING SHELF – SOLID TOP	KES	–	–	2	KES	–	
82.00		1	LANDING TABLE	INTERMETRO	TLDP–S	–	2	KES	–	
85.05		1	FROZEN FRY DISPENSER	RAM	280–FP	E140753	4	KES	–	
91.02		1	WALL MOUNT FREEZER UNIT–SINGLE WIDE–HIGH CAPACITY	KES	HCWF1	SA7329	7	KES	AIR–COOLED, SELF–CONTAINED – MOUNT BOTTOM AT 51" AFF	HCWF1.99A INSTALL HARDWARE KIT REQUIRED
93.00		1	UNIVERSAL EXHAUST HOOD FULL–CLAM GRILL	KES	UH–43	MH12755	2	KES	–	
96.21		2	36" NEXT GEN 3–PLATEN CLAMSHELL GRILL – ELECTRIC	GARLAND	ME–3PX	E28898	4	KES	–	
97.08		1	MEAT FREEZER – DOUBLE WIDE – HIGH CAPACITY – RIGHT HAND	KES	HCMF30B–RH	SA6032 S	2	KES	AIR–COOLED, SELF–CONTAINED	
99.01		2	GRILL TOOL ORGANIZER – 43" HOOD	KES	–	–	2	KES	–	
110.01		1	OPTIMIZED BREAKFAST TABLE	KES	OBT	–	2	KES	–	
114.00		1	HUMIDIFIED HOLDING CABINET	MOFFAT	HP10T–LMD	197	4	KES	–	
116.23		2	UNIVERSAL HOLDING CABINET – HIGH DENSITY – 2–SIDED – PIN & SLEEVE	FRYMASTER	UHCHD6T	E44571	4	KES	–	
117.30		1	UHC TABLE COPL – 2 SIDED – 51"D x 34"W – PIN&SLEEVE	KES	91011	–	2	KES	–	
118.00		1	Q'ING OVEN – PIN & SLEEVE	AMANA	MC23MPW2	E40456	4	KES	–	
118.03		2	Q'ING OVEN – PIN & SLEEVE	ACP	MCMOC24	–	4	KES	–	
122.27		1	NEXT GEN. UNIVERSAL RADIANT TOASTER – PIN & SLEEVE	ANTUNES	HRT–5H	–	4	KES	–	
122.28		1	NEXT GEN. UNIVERSAL CONTACT TOASTER – PIN & SLEEVE	ANTUNES	HCT–5H	–	4	KES	–	
123.36		1	ECU TABLE – COPL	KES	90165	–	2	KES	–	
123.37		1	BREAKER PANEL– 125 AMP – 1 PHASE – EQUIPMENT MOUNTED	KES	–	–	–	KES	–	
123.40		1	PREP TABLE – HD – 2–SIDED COPL – 38"D x 83 1/2" – PIN & SLEEVE W/REF.	KES	91010	–	2	KES	–	
125.00		2	RAPID BUN STEAMER	PRINCE CASTLE	625–MFY	–	4	KES	–	
130.00		2	COMBI OVEN	CONVOTHERM	MS610208L3LCMD1	E360598	4	KES	–	0.89kW, 69% STEAM MODE, 0.61kW, 81% CONVECTION MODE
134.02		1	VEGETABLE SINK	KES	SK04–4	–	2	KES	–	
139.04		1	COMBI OVEN STAND – DOUBLE WIDE	KES	–	–	2	KES	–	
151.12		1	CLEAN DISHTABLE – LEFT HAND – 28.23"	KES	SK–SPL	–	2	KES	–	
151.46		1	SOILED DISHTABLE – RIGHT HAND – 90.5" WIDE	KES	SK–SPL	–	2	KES	–	
152.05		1	WAREWASHER	ECOLAB	QSR TSC	E5956	3	MANU–FACTURER	PROVIDE VAPOR VENT – REQUIRED	IDLE ENERGY RATE=0.18kW, WATER CONSUMPTION=0.99 GAL/RACK
153.00		1	SCULLERY SHELVING KIT – 3 TIER – 14" x 36"	INTERMETRO	SHSS–4	–	2	KES	–	
153.04		1	SMALLWARE WALL ORGANIZER	INTERMETRO	SW1812–MPS	–	2	KES	–	
153.06		1	REUSABLE DRYING RACK	INTERMETRO	MCD2124–DRY6	–	2	KES	–	
154.00		1	BRUSH CABINET	KES	8047	–	4	KES	–	
157.00		1	TRASH LINER DISPENSER SHELF	KES	A0053	–	2	KES	–	
159.03		1	UNIVERSAL PARTS CART – 36" W	INTERMETRO	MCD–1836UPC	–	2	KES	–	
160.01		4	CHEMICAL SYSTEM	ECOLAB	–	–	–	MANU–FACTURER	–	
163.00		2	FIRE EXTINGUISHER – 5 LB. – ABC	ANSUL	SEE RMKS	–	–	SEE RMKS	LOCAL ANSUL AGENT SPECIFIES, SUPPLIES & LOCATES PER LOCAL CODE	
163.01		2	FIRE EXTINGUISHER – 6 L. – K GUARD	ANSUL	SEE RMKS	–	–	SEE RMKS	LOCAL ANSUL AGENT SPECIFIES, SUPPLIES & LOCATES PER LOCAL CODE	
163.02		4	REMOTE ANSUL PULL	ANSUL	4835	EX3470	–	SEE RMKS	CODE MAY REQUIRE LOCAL ANSUL AGENT TO SUPPLY	
171.01		1	WALK–IN COOLER / FREEZER FLOORLESS	NORLAKE	–	E42763	7	KES	–	
174.37		1	REMOTE CONDENSING UNIT	BOHN	BCH0015MBACZC0225	SA4272	–	KES	BEACON II/INTELLIGEN SYSTEM	
174.46		1	REMOTE CONDENSING UNIT	BOHN	BCH0060LCACZC0225	SA4272	–	KES	BEACON II/INTELLIGEN SYSTEM	
175.19		1	COOLER EVAPORATOR	BOHN	BEL0105BS6AMD0096	SA1525	–	KES	INTELLIGEN EVAPORATOR	
176.28		1	FREEZER EVAPORATOR	BOHN	BEL0205BS6EEAD0096	SA1525	–	KES	INTELLIGEN EVAPORATOR	
177.03		1	REACH–IN REFRIGERATOR–SINGLE WIDE	BEVERAGE AIR	HR1HC–1HS	SA2651	7	KES	–	
178.05		3	REACH–IN FREEZER – SINGLE WIDE	BEVERAGE AIR	HF1HC–1HS	SA2651	7	KES	–	
181.13		1	REFRIGERATOR – SPECIALTY COFFEE– 27" WIDE	TRUE	TUC–27 MCDCF1	SA33040	7	KES	RIGHT–HAND HINGED	
181.14		1	REFRIGERATOR – WORKTOP – 48" WIDE	TRUE	TWT–48 MCD1	SA4065	7	KES	–	
183.00		1	REFRIGERATOR/FREEZER – 2 DRAWER BASE – 30" W X 30" H	KES	18012498	SA4044	7	KES	–	

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EQUIPMENT SCHEDULE

ITEM	O	QTY	DESCRIPTION	MANUFACTURER	MODEL #	UL	NSF	FURNISHED	GENERAL REMARKS	SPECIAL REQUIREMENTS
183.02		4	REFRIGERATOR/FREEZER – 2 DRAWER BASE – 30" W X 30" H	KES	18021304	SA4044	7	KES	–	
187.71		1	FREEZER SHELVING 24" x 36" x 74" H. – 4–TIER	ISS SHELVING	FSMS/FSMA742436E	–	2	KES	–	
187.73		2	FREEZER SHELVING 24" x 48" x 74" H. – 4–TIER	ISS SHELVING	FSMS/FSMA742448E	–	2	KES	–	
187.75		2	FREEZER SHELVING 24" x 60" x 74" H. – 4–TIER	ISS SHELVING	FSMS/FSMA742460E	–	2	KES	–	
188.00		7	DUNNAGE RACK 22" x 36"	INTERMETRO	HP2236PD	–	2	KES	–	
188.07		1	UNIVERSAL STAGING CART	ISS SHELVING	WST1384Y	–	2	KES	–	
188.08		3	DUNNAGE RACK 22" x 30"	INTERMETRO	HP2230PD	–	2	KES	–	
188.09		3	DUNNAGE RACK 22" x 48"	INTERMETRO	HP2248PD	–	2	KES	–	
189.71		1	COOLER SHELVING 24" x 36" x 74" H. – 4–TIER	ISS SHELVING	FSMS/FSMA742436E	–	2	KES	–	
189.73		1	COOLER SHELVING 24" x 48" x 74" H. – 4–TIER	ISS SHELVING	FSMS/FSMA742448E	–	2	KES	–	
189.74		3	COOLER SHELVING 24" x 54" x 74" H. – 4–TIER	ISS SHELVING	FSMS/FSMA742454E	–	2	KES	–	
189.75		1	COOLER SHELVING 24" x 60" x 74" H. – 4–TIER	ISS SHELVING	FSMS/FSMA742460E	–	2	KES	–	
190.06		1	TWO SHELF WALL KIT – 24" x 60"	INTERMETRO	SH04–S	–	2	KES	–	
191.00		1	VALANCE SHELVING – 18" x 36"	INTERMETRO	M1836C–MP	–	2	KES	MOUNT AT 6'–8"AFF TO SHELF BOTTOM UNLESS OTHERWISE NOTED	
191.01		1	VALANCE SHELVING – 18" x 48"	INTERMETRO	M1848C–MP	–	2	KES	MOUNT AT 6'–8"AFF TO SHELF BOTTOM UNLESS OTHERWISE NOTED	
191.02		1	VALANCE SHELVING – 18" x 60"	INTERMETRO	M1860C–MP	–	2	KES	MOUNT AT 6'–8"AFF TO SHELF BOTTOM UNLESS OTHERWISE NOTED	
191.03		1	VALANCE SHELVING – 18" x 30"	INTERMETRO	M1830C–MP	–	2	KES	MOUNT AT 5'–0"AFF TO SHELF BOTTOM FOR ABOVE WASHER APPLICATION	
191.04		1	VALANCE SHELVING – 18" x 36"	INTERMETRO	M1836C–MP	–	2	KES	MOUNT AT 5'–0"AFF TO SHELF BOTTOM –W/ST STL LINER FOR SALAD EQUIP	
194.36		4	DRY SHELVING 26" x 100" x 84" H.–4–TIER – MOBILE	DENSTOR	–	–	2	KES	–	
195.36		3	DRY SHELVING 26" x 100" x 84" H.–5–TIER– MOBILE	DENSTOR	–	–	2	KES	–	
196.05		1	SAFE – STANDARD BLDG. – RIGHT HINGE	NKL	BSD4125FGXR–MC	–	–	OWNER	–	
197.00		2	STAINLESS STEEL HAND SINK	ADVANCE TABCO	7–PS–61	–	2	GC	REFER TO PLUMB. DWGS. FOR DETAILS, SOAP & TOWEL DISP. BY OTHERS	PROVIDE SIDE SPLASHES (7–PS–11) WHEN REQUIRED BY LOCAL CODE
197.01		1	HAND WASH TIMER	NATIONAL CONTROLS	TMD–T1715–120	E53595	–	KES	–	
197.03		2	STAINLESS STEEL HAND SINK – ADA	ADVANCE TABCO	7–PS–26	–	2	GC	REFER TO PLUMB. DWGS. FOR DETAILS, SOAP & TOWEL DISP. BY OTHERS	PROVIDE SIDE SPLASHES (7–PS–11D) WHEN REQUIRED BY LOCAL CODE
201.13		1	DRIVE–THRU CASH STAND – 21" D x 48" W	INTERMETRO	DT48–8	–	2	KES	SOLID WORK TOP, WIRE SHELVES	
201.15		1	READY NEXT DRIVE–THRU ASSEMBLY CART – 12" D x 36" W	INTERMETRO	DTPC–36	–	2	KES	–	
201.16		2	DRIVE–THRU ABS CART	KES	–	–	2	KES	ABS DRINK STAGING CART WITH TROUGH	
201.18		1	CBB STAGING CART	INTERMETRO	MCD–CBB	–	2	KES	–	
201.21		1	BLZ FRONT COUNTER TABLE – 30" D x 14" W	INTERMETRO	MCD1430–BLZM	–	2	KES	W/ CASTERS AND OVERSHELF	
203.01		1	HEAT TREAT COMBINATION SHAKE/SUNDAE MACHINE	CARPIGIANNI	K3	SA4203	6	KES	SUPPLIED WITH CONE DISPENSER AND 7'–6" LONG CORD	
203.03		2	CUP/CONE DISPENSER	KES	–	–	2	KES	–	
205.08		1	BIC MACHINE	MULTIPLEX	MA–8–2	SA12070	6	KES	–	
205.09		1	FROZEN BEVERAGE DISPENSER	IMI CORNELIUS	VIPER 3	SA2128	6	KES	–	
206.01		1	SPECIALTY BEVERAGE STANDOFF SHELF	KES	KES	–	2	KES	MOUNT SHELF @ 2'–6" AFF	
207.01		1	BLENDER – RAIL MOUNT – MCFLURRY	VITAMIX	056385	–	8	KES	SUPPLIED MOUNTING BRACKETS	
207.09		1	DESSERT BUTLER	KES	–	–	2	KES	–	–
211.00		1	DELIVERY TABLET	APPLE	IPAD	–	–	DELIVERY PARTNER	QUANTITY DEPENDENT UPON NUMBER OF DELIVERY PARTNERS	
214.02		1	TECHNOLOGY RACK	BY OWNER	BY OWNER	OEM	–	OWNER	V.I.F. EXACT LOCATION FOR NETWORK RACK	
215.00		2	POS REGISTER – FRONT COUNTER	BY OWNER	BY OWNER	OEM	–	OWNER	INCLUDES MONITOR AND CPU	
215.02		4	POS REGISTER – 2 WINDOW D/T	BY OWNER	BY OWNER	OEM	–	OWNER	INCLUDES MONITOR AND CPU	
215.04		7	POS – KVS MONITOR	BY OWNER	BY OWNER	OEM	–	OWNER	–	
216.00		8	POS – VIDEO MONITOR	BY OWNER	BY OWNER	E106786	–	OWNER	SUPPORTS INSTALLED BY GC IF REQUIRED – MOUNT @ 5'–8" AFF	FOR APPLICATIONS ABOVE ABS, MOUNT AT 6'–6" AFF
217.13		3	MERGE POINT MONITOR (DOUBLE DRIVE–THRU)	BY OWNER	BY OWNER	–	–	OWNER	MONITORS ARE REQUIRED FOR SIDE BY SIDE DRIVE THRU SYSTEM	–
217.14		1	POS – ORDER MONITOR (DOUBLE DRIVE THRU)	BY OWNER	BY OWNER	E106786	–	OWNER	SUPPORTS INSTALLED BY GC IF REQUIRED – MOUNT @ 5'–8" AFF	
217.19		1	WIRELESS HEADSET BASE STATION	HME	NEXEO HDX	–	–	OWNER	–	
217.24		1	DANGER POINT MONITOR (DOUBLE DRIVE–THRU)	BY OWNER	BY OWNER	–	–	OWNER	MONITORS ARE REQUIRED FOR SIDE BY SIDE DRIVE THRU SYSTEM	
217.26		1	ZOOM TIMER	HME	ZOOM NITRO	–	–	OWNER	–	
219.00		5	POS – RECEIPT PRINTER	BY OWNER	BY OWNER	OEM	–	OWNER	–	
219.05		7	STICKY LABEL PRINTER	BY OWNER	BYOWNER	OEM	–	OWNER	–	–
219.06		1	LABELING SYSTEM	TRANSACT	9700	–	–	KES	–	
220.00		1	POS – COIN DISPENSER	BY OWNER	BY OWNER	OEM	–	OWNER	–	
221.01		1	POS – OFFICE	BY OWNER	BY OWNER	OEM	–	OWNER	–	
221.09		1	O/O EQUIPMENT RACK	TRIPP–LITE	SRW12USDP	–	–	OWNER	AVAILABLE THROUGH POS SUPPLIER	
222.01		1	TIME CLOCK	BY OWNER	BY OWNER	OEM	–	OWNER	–	
223.07		1	WASHER – ELECTRIC	WHIRLPOOL	CAE2793BQ	–	–	KES	–	
225.03		1	OFFICE PACKAGE/DESK UNIT	DENSTOR	2000–0100	–	–	KES	WORK SURFACE 75", (1) DESK PEDESTAL W/ 2 DRAWERS AND (1) PEDESTAL W/ 3 DRAWERS	
225.04		1	OFFICE PACKAGE/ 2–WALL CABINETS	DENSTOR	2000–0200	–	–	KES	–	
225.05		1	OFFICE PACKAGE/HIGH WORK SURFACE	DENSTOR	2000–0300	–	–	KES	W/ (6) L–BRACKETS – WORK SURFACE IS 75" W. – CUT IN FIELD IF REQUIRED	
225.06		1	OFFICE PACKAGE W/3 DRAWER LATERAL FILE	DENSTOR	2000–0400	–	–	KES	–	
226.08		8	CREW LOCKERS –12" x 12" x 18" (6 HIGH)	DENSTOR	3–121278	–	2	KES	–	
237.00		1	PIE DISPLAY	PRINCE CASTLE	524–MCDC	E341354	4	KES	PROVIDE WITH S/S PANEL	
700.02		2	MOP SINK	GC	–	–	2	GC	–	
700.09		1	ECONOMY OEP BOX W/MOUNTING HARDWARE	ACS	OEP–6	E71309	–	KES	6" W. x 24" D.	
700.10	X	1	BULK OIL SYSTEM	RTI	BI–3F	SEE RMKS	4	MANU–FACTURER	IF AVAILABLE IN MARKET – ETL ELECTRICAL RATING: 9900762	
700.11		1	OEP UTILITY PANEL W/ MOUNTING HARDWARE – STATIC BOX	H&K DALLAS	–	–	–	H&K DALLAS	2'–4"x2'–4" x4" HIGH BOX	
700.18	X	1	BULK OIL FILL BOX – 8"Wx10"H	RTI	–	–	–	MANU–FACTURER	SEE EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT, INSTALLED BY GC	
700.24		2	WATER HEATER – ELECTRIC HEAT PUMP	LOCHINVAR	CHPA120PD	–	2	GC	–	

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

SEE SHEET K2.0 FOR EQUIPMENT LAYOUT AND TAG IDENTIFICATION

1 / K2.1 KITCHEN SCHEDULE

REV	DATE	DESCRIPTION	BY
1	12/10/24	ISSUED FOR PERMIT	HII
2	03/20/25	PLAN CHECK COMMENTS	HII

PREPARED FOR:
McDonald's USA, LLC

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KEN MCCRACKEN, ARCHITECT

PRCNC20241917

EXPIRATION DATE: 06/22/25
9664
REGISTERED ARCHITECT
KENNETH McCRACKEN
STATE OF WASHINGTON
SIGNATURE DATE: 03/20/25
Seal 01366

DRAWN BY: MZ
STD ISSUE DATE: 12/10/24
REVIEWED BY: HII
DATE ISSUED: 03/20/25

TITLE: 2024 STANDARD BUILDING – BB20
3898 – PUYALLUP, WA
DESCRIPTION: 2024 STANDARD BUILDING – WOOD BEARING WALLS
WOOD ROOF TRUSS FRAMING
STUCCO/BATTEN/FIBER CEMENT LAP SIDING
SITE ID: 046-1180
SITE ADDRESS: 2302 E Pioneer, Puyallup, WA 98372

SHEET NO: 046-1180.00.0
K2.1
KITCHEN SCHEDULE

MCD24092.0 – PUYALLUP, WA

PLAN\01-PROJECTS AMERICAN CANYON\MCDONALD'S_MCD 2024\MCD24092.0 – 46180 – NEW – PUYALLUP – WA\01 DRAWINGS\01-ARCHITECTURAL\03 CONSTRUCTION DOCUMENTS\07-46180_A-KIT.DWG 3/20/2025 1:32 PM MARK POINDEXTER