Walmart

EXISTING SQFT: 197,132
REMODELED SQFT: 2,266
EXPANSION SQFT: 3,232
TOTAL SQFT: 5,498

PROTO CYCLE: 07/30/21
DATE: 09/08/21
PROTO: 192 GROCERY EXP

PUYALLUP, WA
STORE NO.: 2403-278

DRAWING INDEX

PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY

City of Puyallup
Building
REVIEWED FOR COMPLIANCE
bsnowden
03/03/2025
10:12:47 AM

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.

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.

UNDER SEPARATE PERMIT

- FIRE SPRINKLER SYSTEM

BUILDING CODE SUMMARY

	NAME OF PROJECT	PUYALLUP, WA
	STREET ADDRESS	310 31ST AVENUE SE, PUYALLUP, WA 98374
	PROPOSED USE	RETAIL
CODES	BUILDING CODE	2018 WASHINGTON STATE BUILDING CODE
	MECHANICAL CODE	2018 WASHINGTON STATE MECHANICAL CODE
	PLUMBING CODE	2018 WASHINGTON STATE PLUMBING CODE
	ELECTRICAL CODE	2018 WASHINGTON STATE ELECTRICAL CODE
	ENERGY CODE	2018 WASHINGTON STATE ENERGY CODE
	FIRE CODE	2018 WASHINGTON STATE FIRE CODE
	ACCESSIBILITY CODE	ICC A117.1+IBC CHAPTER 11
OCCUPANCY	M - MERCANTILE; WHOLESALE OR RETAIL STORE (MAIN USE)	SECTION 309.1
	S1 - STORAGE AREA; MOTOR VEHICLE STATION AND RECEIVING AND STOCKROOMS (MIXED USE)	SECTION 311.2
	A2 - ASSEMBLY USE; BREAKROOM AND FOOD TENANT (ACCESSORY TO MAIN USE)	SECTION 303.1
	B - BUSINESS; NON FOOD TENANT (ACCESSORY TO MAIN USE)	SECTION 304.1
TYPE OF CONSTRUCTION	II-B UNPROTECTED (SPRINKLERED)	PER SECTION 602.2 AND TABLES 601 AND 602
FIRE PROTECTION	BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM AND IS SURROUNDED ON ALL SIDES BY 60 FEET MINIMUM OF PERMANENT OPEN SPACE. UNLIMITED AREA CRITERIA IS APPLICABLE.	

OCCUPANT LOAD:

RETAIL:	157,384 / 30	=	5,246
OFFICES:	4,346 / 100	=	44
STORAGE:	38,642 / 300	=	129
GARDEN CENTER:	19,489 / 30	=	650
TOTAL OCCUPANT LOAD:			6,069

BUILDING AREAS:

EXISTING AREA:	197,132	SF
PROPOSED EXPANSION:	3,232	SF
TOTAL PROPOSED AREA:	200,364	SF

EGRESS WIDTHS REQUIRED:

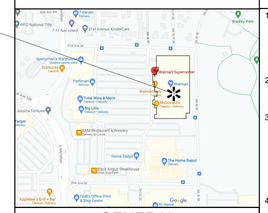
RETAIL:	5,246 x .2	= 1,050	INCHES
OFFICES:	44 x .2	= 9	INCHES
STORAGE:	129 x .2	= 26	INCHES
GARDEN CENTER:	650 x .2	= 130	INCHES
TOTAL WIDTH REQUIRED:		1,215	INCHES

EGRESS WIDTHS PROVIDED:

RETAIL/GARDEN CENTER:	1,384	INCHES
OFFICES:	68	INCHES
STORAGE:	101	INCHES
TOTAL WIDTH PROVIDED:	1,553	INCHES

WALMART #02403
310 31ST AVENUE SE,
PUYALLUP, WA 98374

VICINITY MAP



GENERAL NOTES

1. BUILDING IS FULLY SPRINKLERED AS REQUIRED BY CONTRACT DOCUMENTS. SUBMIT FIRE SPRINKLER SYSTEM DRAWINGS AND CALCULATIONS TO AUTHORITIES HAVING JURISDICTION (FIRE DEPARTMENT, FIRE MARSHAL, ETC). OBTAIN ALL APPROVALS PRIOR TO FABRICATION OR INSTALLATION.
2. OWNER WILL PROVIDE, OR HAS ALREADY PROVIDED, FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 10. AUTHORITY HAVING JURISDICTION WILL APPROVE FINAL FIRE EXTINGUISHER LOCATIONS.
3. WALMART'S ALARM CENTRALS ENGINEERING TEAM HAS CONTACTED THE AUTHORITY HAVING JURISDICTION FOR PRE-PLAN DATA ABOUT STATE AND LOCAL REQUIREMENTS THAT DIFFER FROM THE NATIONALLY PUBLISHED CODES AND STANDARDS. A COMPLETE SITE SPECIFIC SUBMITTAL IS BEING MADE DIRECTLY TO THE AUTHORITY HAVING JURISDICTION. QUESTIONS SHOULD BE DIRECTED TO 1-800-530-9924, OPTION 3.
4. THE MAXIMUM STORAGE HEIGHT IS TWELVE FEET EXCEPT IN THE GENERAL MERCHANDISE RECEIVING AREA IMMEDIATELY ADJACENT TO THE DOCK DOORS. THE STOCKROOM WILL HAVE A STACKING HEIGHT OF 15 FEET OF CLASS I-IV COMMODITIES IN FIXED, SINGLE AND DOUBLE ROW RACKS. THE STACKING HEIGHT OF THE ROLLING RACK AREA WILL NOT EXCEED 12 FEET.
5. REINSTALL ALL FIRE EXTINGUISHERS IMMEDIATELY FOLLOWING COMPLETION OF FINAL FINISH TO MOUNTING SURFACE.
6. REFER TO GENERAL CONTRACTOR PERMIT, REGISTRATION, NOTIFICATION INSPECTION & INSTALLER CERTIFICATION (GCPRN) REPORT LOCATED IN GC PERMIT INFORMATION FOLDER ON OWNER'S DOCUMENT DELIVERY WEBSITE.

GENERAL SCOPE OF WORK

- DOORS: REPAIR/REPLACE AS NOTED.
- PICKUP STORAGE (RIGHT SIDE): REMODEL/INSTALL NEW EQUIPMENT AND WALK-IN AS NOTED
- ONLINE PICKUP: IMPLEMENT PICKUP 2.0 AND REMODEL EXISTING PICKUP AREA IF EXISTING
- ROOF: INSTALL EQUIPMENT AS SHOWN
- FLOORING: REPAIR / REPLACE AS NOTED
- PICKUP EXTERIOR: REPAINT PARKING AND ACCESS STRIPING AS NOTED. INSTALL NEW SITE DIRECTIONAL SIGNAGE AS NOTED.

ARCHITECTURAL/STRUCTURAL:	ELECTRICAL/MECHANICAL/PLUMBING ENGINEER:
WD PARTNERS ARCHITECT OF RECORD 7007 DISCOVERY BLVD DUBLIN, OHIO 43017 PHONE: (614) 634-7000	WD PARTNERS ENGINEER OF RECORD 7007 DISCOVERY BLVD DUBLIN, OHIO 43017 PHONE: (614) 634-7000

FIRE PROTECTION ENGINEER:	STRUCTURAL ENGINEER (RACKING):	BUILDING REVIEW:	PLANNING AND ZONING REVIEW:	MECHANICAL/ELECTRICAL/PLUMBING REVIEW:	FIRE SPRINKLER & ALARM REVIEW:	HEALTH REVIEW:	STORE MANAGER:
TELGIAN 900 CIRCLE 75 PARKWAY, SUITE 680 ATLANTA, GEORGIA 30339 PHONE: (770) 432-3882	JOHNSTON BURKHOLDER ASSOCIATES, LLC 930 CENTRAL STREET KANSAS CITY, MISSOURI 64105 PHONE: (816) 412-4200	CITY OF PUYALLUP PERMIT CENTER 333 S MERIDIAN 2ND FLOOR PUYALLUP, WA 98371 253-841-5481	CITY OF PUYALLUP PLANNING SERVICES 333 S MERIDIAN 2ND FLOOR PUYALLUP, WA 98371 253-864-4165	CITY OF PUYALLUP PERMIT CENTER 333 S MERIDIAN 2ND FLOOR PUYALLUP, WA 98371 253-841-5481	CITY OF PUYALLUP FIRE PREVENTION DIVISION 333 S MERIDIAN 2ND FLOOR PUYALLUP, WA 98371 253-864-4171	TACOMA-PIERCE COUNTY HEALTH DEPARTMENT 3629 SOUTH D ST TACOMA, WA 98418 253-649-1706	JASON VAN NESS WALMART STORE NO. 2403-278 310 31ST AVENUE SE, PUYALLUP, WA 98374 PHONE: (253) 770-4399

wd innovation at scale

7007 DISCOVERY BLVD
DUBLIN, OH 43017
614.634.7000 T

WDPARTNERS.COM

CONSULTANTS

Walmart
PUYALLUP, WA
310 31ST AVENUE SE, PUYALLUP, WA 98374
STORE NO: 2403-278
JOB NUMBER: WALGR0402 PROTO: 192 GROCERY EXP

ISSUE BLOCK		
1	PR#1	01/25/22
2	PR#2	03/18/22
3	ADD#2	05/11/22
9	CCD #6	01/17/24
10	CCD#7	07/02/24
11	CCD#8	02/12/25

CHECKED BY:	SME
DRAWN BY:	MA/AK/SH
PROTO CYCLE:	07/30/21
DOCUMENT DATE:	09/08/21

6729 REGISTERED ARCHITECT
CHRISTOPHER K. ODERSCHLAG
STATE OF WASHINGTON
02/14/2025

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

COVER SHEET

SHEET: C1

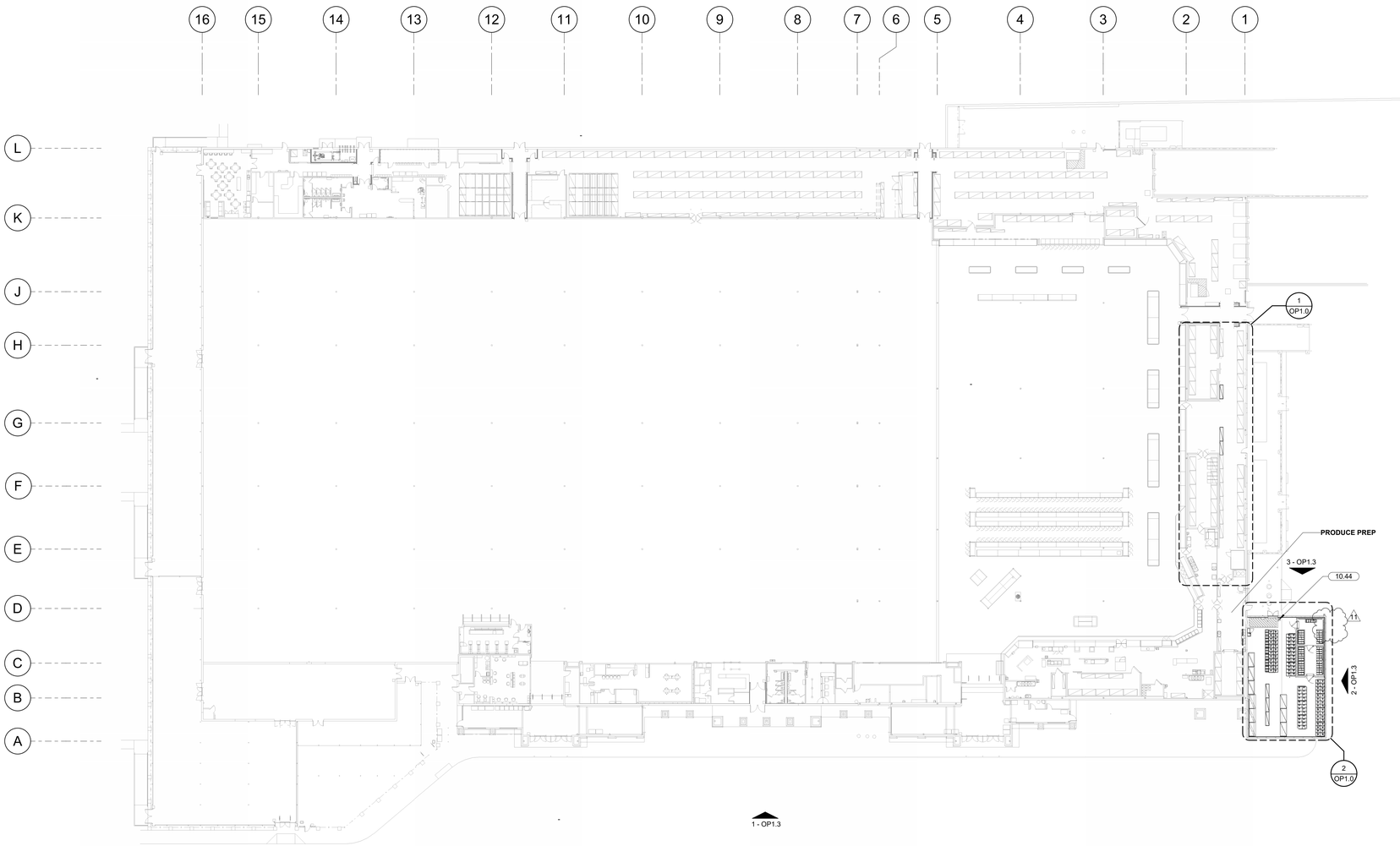
PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY

SHEET NOTES

1. NOT USED.
2. NOT USED.
3. RELOCATION AND SETUP OF GONDOLAS AND/OR RACKING AS INDICATED ON FXS SHEETS WILL BE PERFORMED BY OTHERS. ANCHORING OF UPRIGHTS TO BE PERFOMED BY GENERAL CONTRACTOR.

KEYNOTES

10.44	PROVIDE TACTILE "EXIT" SIGN. REF N1.



1 FLOOR PLAN
1" = 30'-0"

wd innovation at scale

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

7007 DISCOVERY BLVD
DUBLIN, OH 43017
614.634.7000 T

WDPARTNERS.COM

CONSULTANTS

Walmart :-)
PUYALLUP, WA
310 31ST AVENUE SE, PUYALLUP, WA 98374
STORE NO: 2403-278
JOB NUMBER: WALGR0402 PROTO: 192 GROCERY EXP

ISSUE BLOCK

11	CCD#8	02/12/25

CHECKED BY:	SME
DRAWN BY:	MA/AK/SH
PROTO CYCLE:	07/30/21
DOCUMENT DATE:	09/08/21

6729 REGISTERED ARCHITECT
CHRISTOPHER K. DOERSCHLAG
STATE OF WASHINGTON
02/14/2025

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

FLOOR PLAN

SHEET: A1

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT HIMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY

INSTALLATION NOTES:
1. THE ROOF PENETRATION CURB, HOOD AND CLOSURE PLATES ARE FURNISHED BY OWNER AND INSTALLED BY GENERAL CONTRACTOR
2. ALL HOOD PENETRATIONS SHALL BE THROUGH THE VERTICAL CLOSURE PLATES ONLY. PIPING AND CONDUIT SHALL BE INSTALLED BY THE TRADE CONTRACTORS WITH THE PIPE AND CONDUIT CENTERLINES 5" ABOVE THE TOP OF THE ROOF CURB WITH A MINIMUM OF 1" BETWEEN THE PIPE AND CONDUIT EXTERNAL SURFACE
3. THE GENERAL CONTRACTOR SHALL CUT AND INSTALL THE VERTICAL CLOSURE PLATES AFTER ALL PIPING AND CONDUITS ARE INSTALLED AND SEAL ALL PENETRATIONS AS NOTED IN THE DETAIL AND PROVIDE CONTINUOUS SEALANT AT THE PERIMETER JOINT BETWEEN THE CLOSURE PLATES AND HOOD AND CURB AND WHERE THE CLOSURE PLATES OVERLAP. REF SEALANT SPECIFICATION. EXPANDING FOAM SEALANT SHALL NOT BE USED WHERE SEALANT IS EXPOSED TO THE EXTERIOR.
4. EXTEND EXTERIOR REFRIGERANT AND WATER LINE EXTERNAL PVC INSULATION JACKET 1" INSIDE HOOD METAL CLOSURE PLATES.

SHEET NOTES

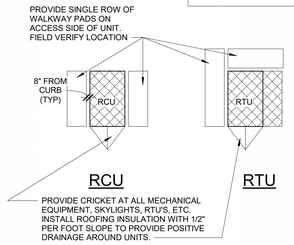
1. INSTALL MOLDED PIPE FLASHING AT ALL NEW PIPE OR CONDUIT PENETRATIONS THROUGH ROOF. REF. MECHANICAL FOR LOCATIONS. REF. 4-A4

ROOF LEGEND

NEW RCU

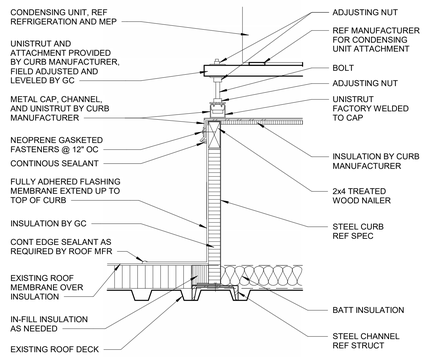
NOTE: DO NOT INSTALL WALK WAY PADS UNTIL ROOF PENETRATION FLASHINGS ARE COMPLETE.

NOTE: FOR ROOF PENETRATIONS LOCATED WHERE WALKWAY PADS ARE INSTALLED, TRIM WALKWAY PADS 4" FROM EDGE OF ROOF PENETRATION FLASHING BEFORE PAD INSTALLATION.

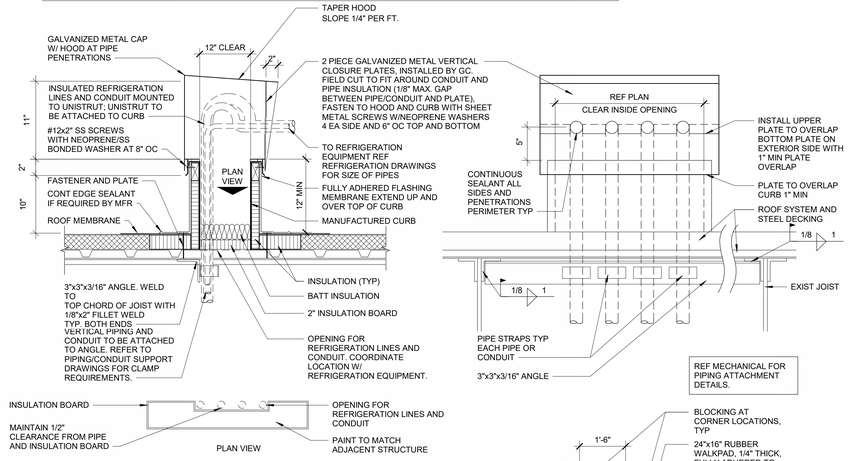


8 PAD LAYOUT (TYP ALL UNITS)
1/2" = 1'-0"

NOTE TO GC:
PROVIDED CURB IS NOT SLOPED. UNISTRUT ASSEMBLY MUST BE LEVELED IN DIRECTION OF ROOF SLOPE PRIOR TO INSTALLATION OF CONDENSING UNIT.

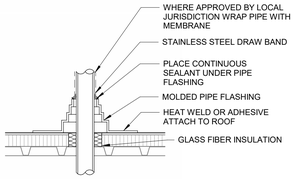


7 CONDENSER UNIT CURB
1 1/2" = 1'-0"

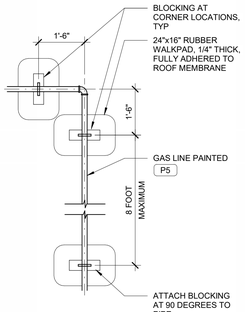


REF MECHANICAL FOR PIPING ATTACHMENT DETAILS.

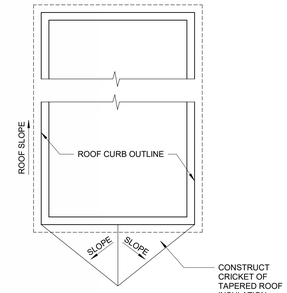
6 REFRIGERATION LINE ROOF PENETRATION
1" = 1'-0"



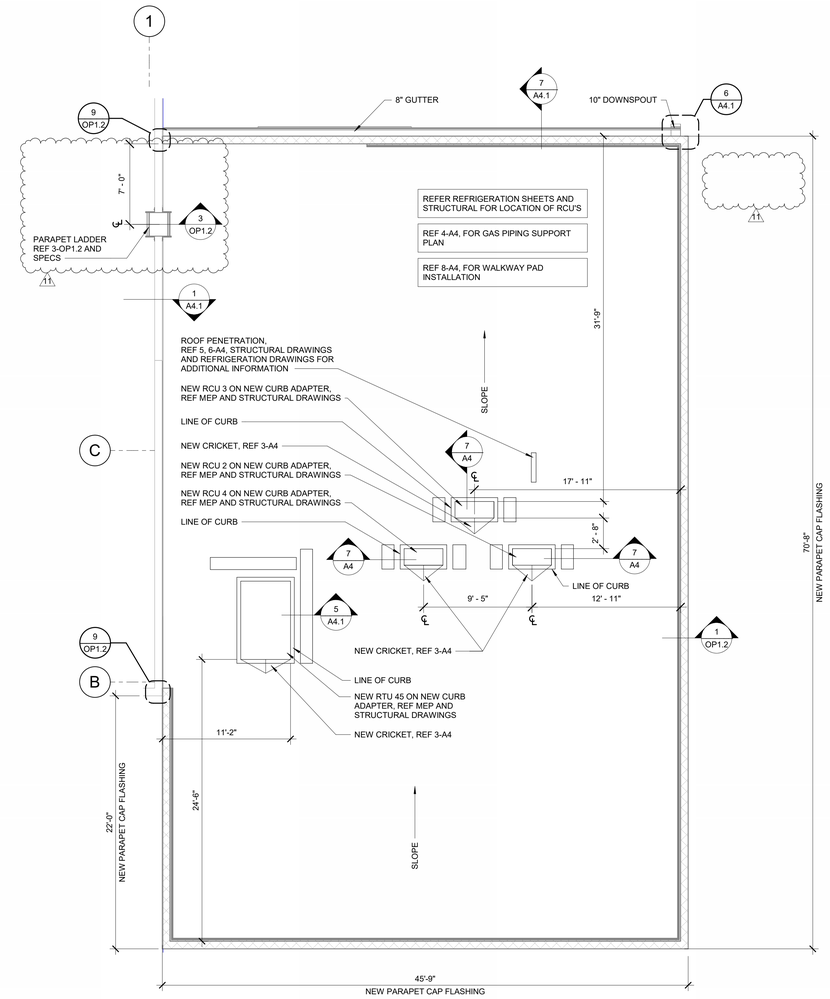
5 ROOF PENETRATION
1" = 1'-0"



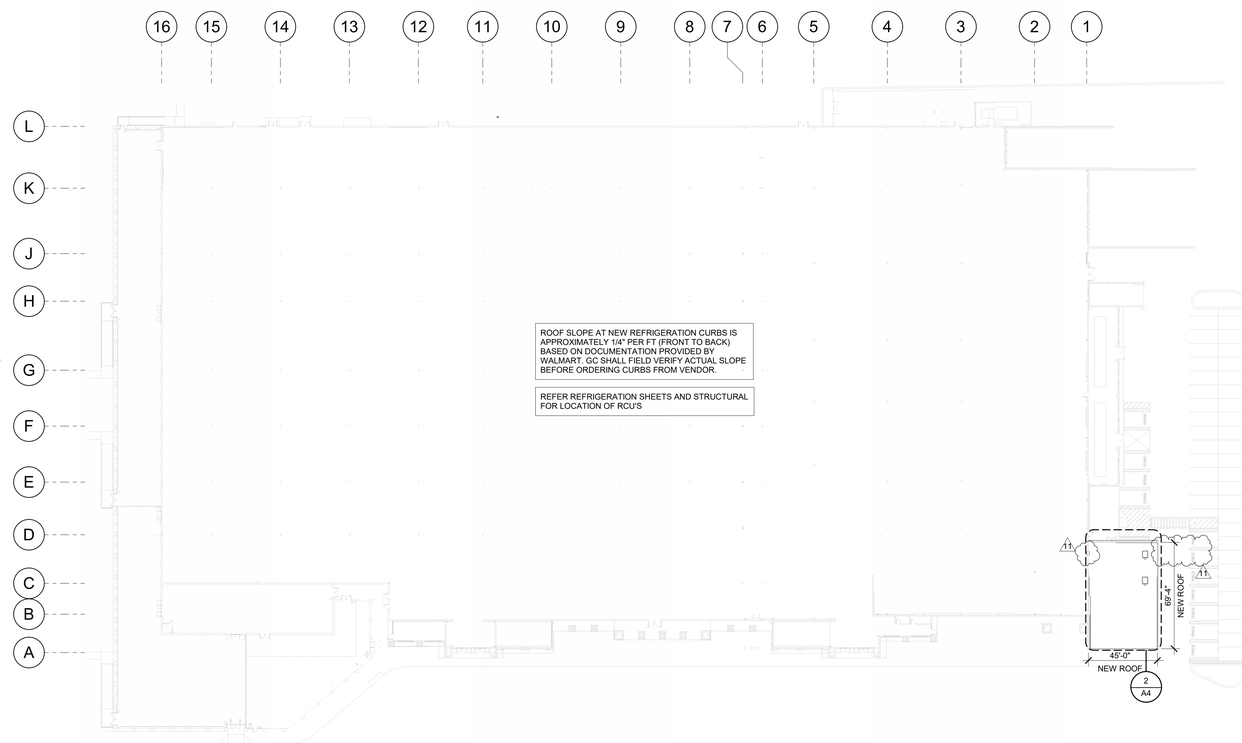
4 PIPING SUPPORT PLAN
1/2" = 1'-0"



3 CRICKET DETAIL
1/2" = 1'-0"



2 ENLARGED PARTIAL ROOF PLAN
3/16" = 1'-0"



1 ROOF PLAN
1" = 40'-0"

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT HIMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

wd innovation at scale

City of Puyallup Development & Permitting Services
Site/Bld. Permit
Bldg. | Planning
Engineering | Public Works
Fire | Traffic

7007 DISCOVERY BLVD
DUBLIN, OH 43017
614.634.7000 T

WDPARTNERS.COM

CONSULTANTS

Walmart
PUYALLUP, WA
310 31ST AVENUE SE, PUYALLUP, WA 98374
STORE NO: 2403-278
JOB NUMBER: WALGP0402 PROTO: 192 GROCERY EXP

ISSUE BLOCK

4	ADD#6	6/23/22
11	CCD#8	02/12/25

CHECKED BY:	SME
DRAWN BY:	MA/AK/SH
PROTO CYCLE:	07/30/21
DOCUMENT DATE:	09/08/21

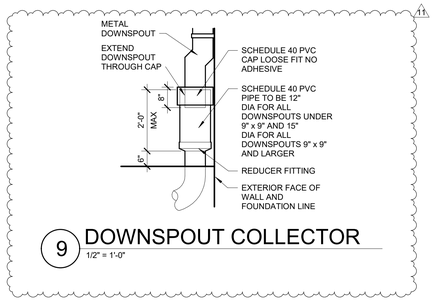
6729 REGISTERED ARCHITECT
CHRISTOPHER K. DOERSCHLAG
STATE OF WASHINGTON
02/14/2025

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

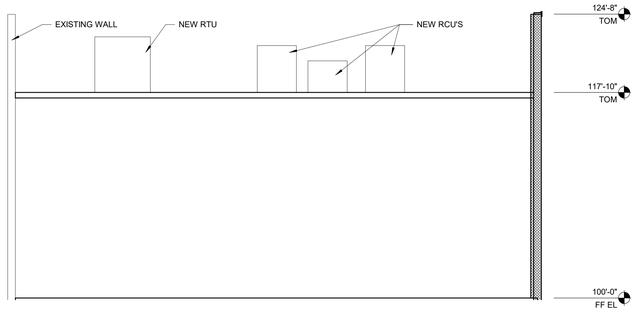
ROOF PLAN AND DETAILS

SHEET: A4

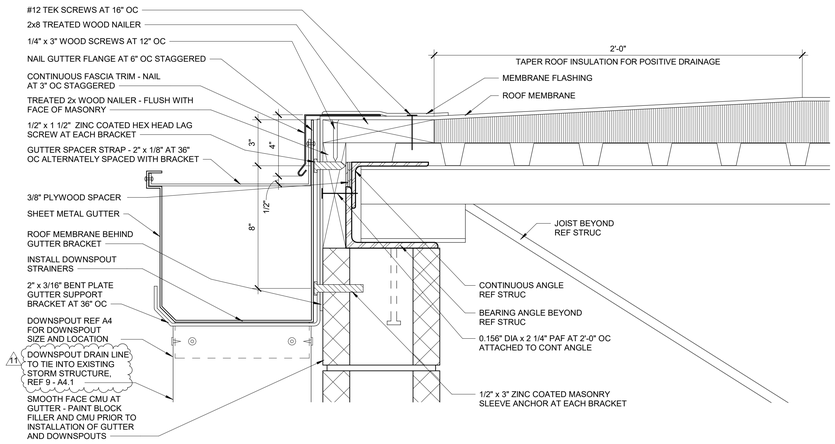
PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY



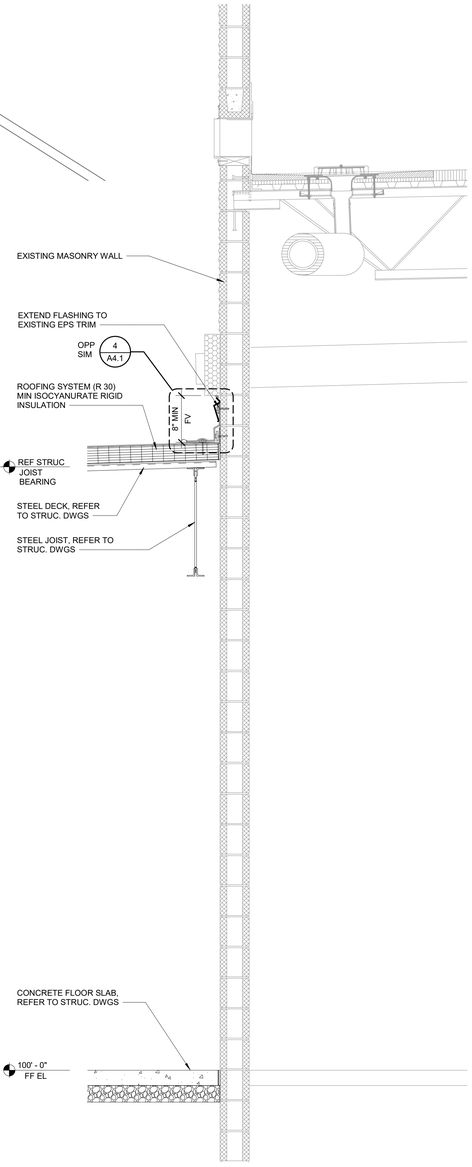
9 DOWNSPOUT COLLECTOR
1/2" = 1'-0"



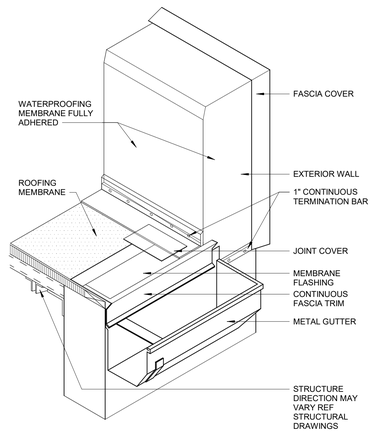
8 LINE OF SIGHT EXHIBIT
3/16" = 1'-0"



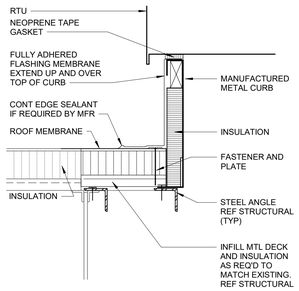
7 GUTTER AND BRACKET DETAIL
3" = 1'-0"



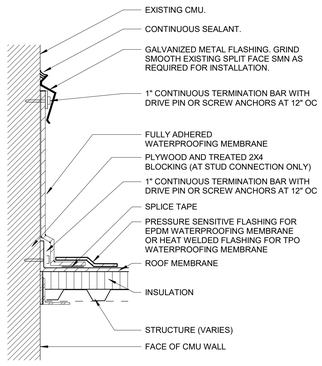
1 CMU WALL SECTION
3/4" = 1'-0"



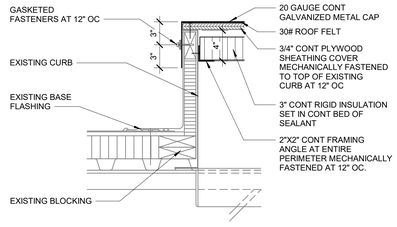
6 PARAPET/GUTTER FLASHING
1 1/2" = 1'-0"



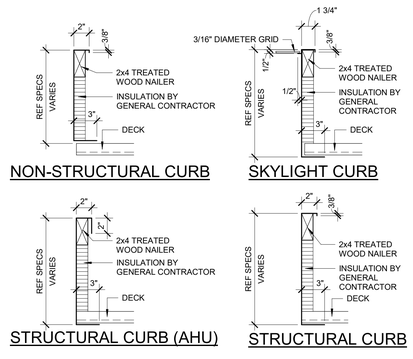
5 ROOF TOP UNIT
1 1/2" = 1'-0"



4 EXPANSION ROOF FLASHING MEMBRANE
1 1/2" = 1'-0"



3 CURB COVER
1 1/2" = 1'-0"



2 CURB
1 1/2" = 1'-0"

wd innovation at scale

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

7007 DISCOVERY BLVD
DUBLIN, OH 43017
614.634.7000 T

WDPARTNERS.COM

CONSULTANTS

Walmart :\<

PUYALLUP, WA
310 31ST AVENUE SE, PUYALLUP, WA 98374
STORE NO: 2403-278 PROTO: 192 GROCERY EXP
JOB NUMBER: WALGR0402

ISSUE BLOCK

3	ADD#2	05/11/22
4	ADD#6	6/23/22
11	CCD#8	02/12/25

CHECKED BY:	SME
DRAWN BY:	KR/AK/SH
PROTO CYCLE:	07/30/21
DOCUMENT DATE:	09/08/21

6729 REGISTERED ARCHITECT
CHRISTOPHER K. DOERSCHLAG
STATE OF WASHINGTON
02/14/2025

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

EXPANSION WALL SECTION & ROOF DETAILS

SHEET:
A4.1

2/11/2025 11:11:12 AM

WALK-IN COMPONENTS AND DOOR LEGEND

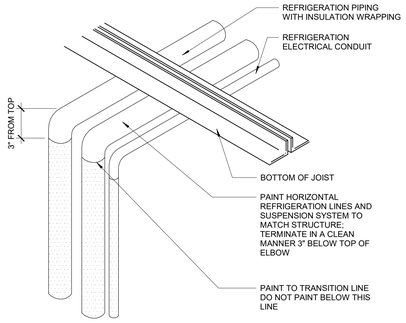
WDS NUMBER	QTY.	DESCRIPTION	NOTES
R0620.001	3	SWING DOOR (42X90)	
R0700.000	2	PUSH THROUGH VESTIBULE (42X90)	
R5003.000	5	WALK-IN PANELS	10,11

EQUIPMENT NOTES

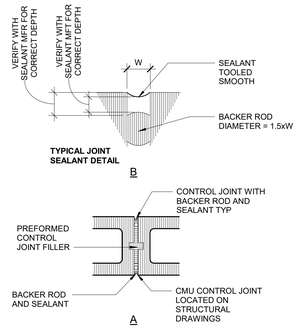
1. REFERENCE SHEET OP1.0 FOR EQUIPMENT LOCATION
5. FINISHES FOR OWNER SUPPLIED EQUIPMENT ARE SPECIFIED PER BID ALIGNMENT BETWEEN OWNER AND OEM
10. EQUIPMENT INSTALLED BY EQUIPMENT SUPPLIER
11. RETROFIT DOORS/LIDS PROVIDED BY OWNER AND INSTALLED BY EQUIPMENT SUPPLIER
16. SCALE STAND FURNISHED BY OEM AND INSTALLED BY GC

GENERAL EQUIPMENT NOTES

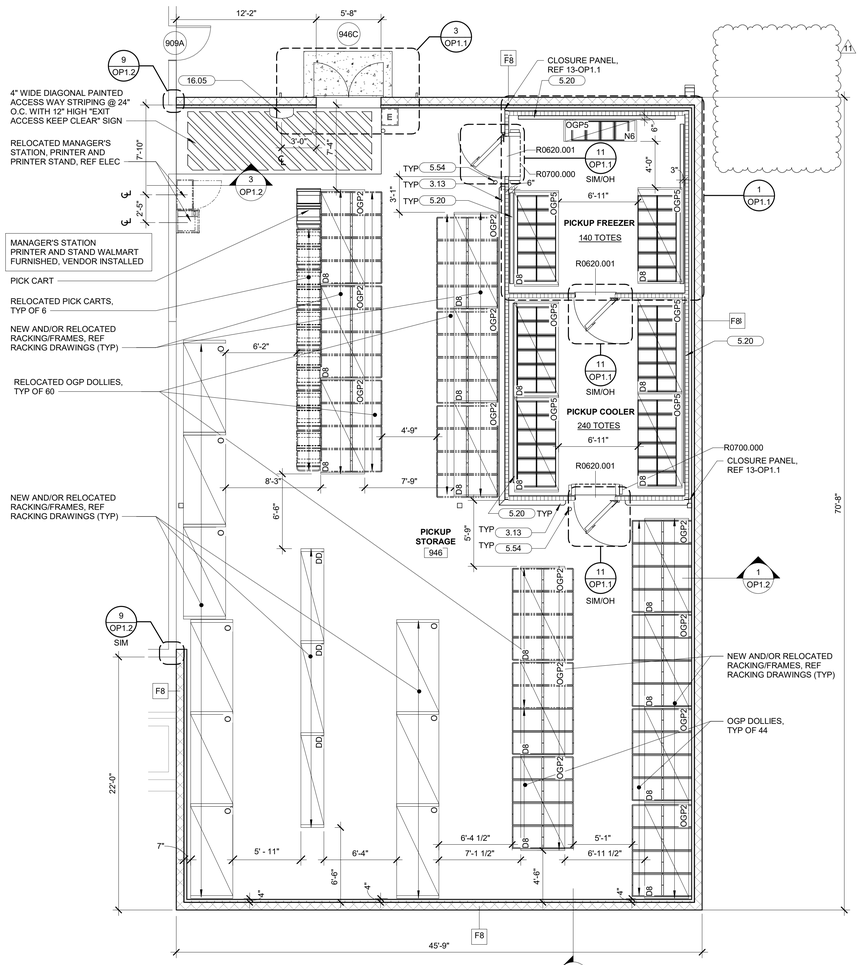
A. ALL EQUIPMENT IS SUPPLIED BY OWNER, INSTALLED BY THE GENERAL CONTRACTOR, GENERAL CONTRACTOR TO MAKE FINAL UTILITY CONNECTIONS, UNLESS OTHERWISE NOTED
B. REFERENCE SPECIFICATIONS FOR REFRIGERATED AND HOT DISPLAY CASES FOR SUPPLIED BY, INSTALLED BY, AND FINAL CONNECT BY
C. REFERENCE SPEC APPENDIX A FOR MANUFACTURER AND MODEL NUMBERS NOT LISTED IN EQUIPMENT LEGENDS
D. OWNER TO SUPPLY SS FIXTURES BY WIN-HOLT



4 REFRIGERATION DROP LINES
1 1/2" = 1'-0"



3 CONTROL JOINT
1 1/2" = 1'-0"



2 ENLARGED EXPANSION FLOOR PLAN
3/16" = 1'-0"

AT EXPOSED PAINTED STRUCTURE OR DECK PAINT NEW CONDUIT, DUCTWORK AND FIRE SPRINKLER PIPING (FIRE SPRINKLER HEADS TO REMAIN UNPAINTED) TO MATCH ADJACENT STRUCTURE OR DECK

SLOPE ALL EXTERIOR SLABS AWAY FROM BUILDING SLOPE. ALL SLOPES SHALL BE A MIN 1:100 (1%) AND SHALL NOT EXCEED 1:48 (2%). ALL SLABS SHALL MEET BUILDING AT ELEVATIONS 100.00 (UNO) WHERE SLAB EDGE MEETS PAVING. COORDINATE TOP OF SLAB WITH CIVIL DRAWINGS.

NOTE: ELECTRICAL, FIRE PROTECTION PIPING & PLUMBING WILL GO THRU EXISTING OPENING, IF AN OPENING EXISTS. REF MEP. IF ONE DOES NOT EXIST, REF STRUCTURAL.

NOTE:
ALL PIPING PENETRATIONS THRU WALL ONLY. COORDINATE WITH VENDOR IF ANY PENETRATIONS ARE REQUIRED THRU THE ROOF. REF MEP

REF TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING SITE-RELATED SCOPE OF WORK

NOTE:
ARCHITECTURAL FINISH FLOOR=100.00'
CIVIL FINISH FLOOR =REF CIVIL
ALL EXTERIOR DOORS =100.00' UNO

NOTE:
PROVIDE CONT. BACKER ROD AND SEALANT FROM SIDES OF CMU AT JUNCTURE OF NEW AND EXISTING CMU WALLS

NEW LOCATION OF RACK BEAMS AND UPRIGHT FRAMES PER FXS SHEETS. REF SHEET NOTES

FOR ENLARGED WALK IN PLAN, REF 2-OP1.1

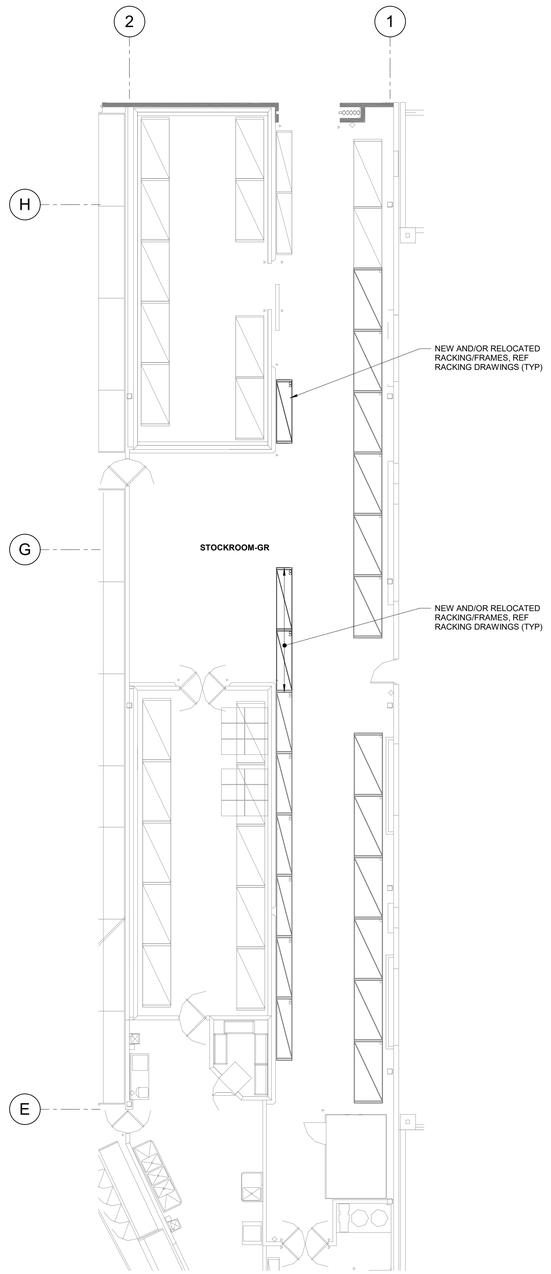
NOTE : FOR REFRIGERATION LINE DETAIL, REF 4-OP1.0

NOTE : NEW LINERS ONLY INSTALLED ON WALK-IN WALLS. NEW LINERS WILL NOT BE INSTALLED ON WALK-IN CEILING. ALL CEILING JOINTS TO BE SEALED BY THE PANEL VENDOR

NEW EVAPORATORS TO BE FURNISHED BY RACK MANUFACTURER AND INSTALLED BY CONTRACTOR

REF 4-A8 , FOR NEW SLIDER DOOR

REF SHEET OP1.1 FOR PROTECTION ANGLE DETAILS



1 STOCKROOM - GR ENLARGED PLAN
1/8" = 1'-0"

KEYNOTES

3.13	6" WIDE X 6" HIGH CONTINUOUS CONCRETE CURB WITH SMOOTH HAND TOWEL FINISH AT BASE OF WALK-IN BOX.
5.20	STEEL PROTECTOR ANGLE. REF 4-OP1.1 AND 6-OP1.1
5.54	32" GALVANISHED STEEL BOLLARD, 4" OD FURNISHED BY OWNER, INSTALLED BY GC, SURFACE MOUNTED.REF 12-OP1.1
16.05	INSTALL INSECT CONTROL UNIT TYPE NOTED BESIDES UNIT. REFER TO N1 FOR LEGEND AND NOTES.

PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY

SHEET NOTES

1. ALL EQUIPMENT SHOWN DASHED TO BE FURNISHED BY WALMART UNO.
2. ALL STEEL RACKS TO BE FURNISHED BY WALMART AND ANCHORED BY CONTRACTOR. REFER TO RACK ANCHORAGE PLAN FOR STEEL RACK AND/OR GONDOLA SHELVING FIXTURE ANCHORING REQUIREMENTS.
3. REPAIR BOLT HOLES AND SPALLS RESULTING FROM MERCHANDISE FIXTURE AND OR STORAGE RACK RELOCATION OR REMOVAL. REF SPEC 03905. FILL ALL BOLT HOLES AND SPALLS RESULTING FROM FIXTURE AND OR STORAGE RACK RELOCATION OR REMOVAL IN NON CUSTOMER ACCESSIBLE AREAS WITH NON SHRINK GROUT.
4. STUD WALL DIMENSIONS ARE TO THE FACE OF THE STUDS.
5. WALLS AND INFILL OF EXISTING OPENINGS ARE TO MATCH THE CONSTRUCTION AND FINISHES OF ADJACENT EXISTING WALLS.
6. ROUTE ALL UTILITY SERVICE LINES (PIPES AND CONDUIT) WITHIN EXISTING ADJACENT STUD WALLS WHEREVER POSSIBLE. ON COOLER/FREEZER PANELS IN FOOD PREP AREAS WHERE UTILITIES MUST BE EXPOSED, CONTRACTOR TO HAVE THE OPTION OF THE FOLLOWING:
   A. SURFACE MOUNT UTILITIES WITH NON-CORROSIVE ANCHORS; SEAL BOTH SIDES OF PIPE/CONDUIT TO PANEL CONTINUOUSLY WITH SEALANT.
   B. INSTALL UTILITIES 1/2" OFF FACE OF PANEL TO ALLOW FOR CLEANING; USE ONLY NON-CORROSIVE ANCHORS; APPLY CONTINUOUS SEALANT ALONG EDGES AND JOINTS.
   C. COVER UTILITIES WITH 20 GAUGE STAINLESS STEEL BENT PLATES MOUNTED TO WALL WITH NON-CORROSIVE ANCHORS; APPLY CONTINUOUS SEALANT ALONG EDGES AND JOINTS.
7. RELOCATION AND SETUP OF GONDOLAS AND/OR RACKING AS INDICATED ON FXS SHEETS WILL BE PERFORMED BY OWNER. ANCHORING OF UPRIGHTS TO BE PERFORMED BY GENERAL CONTRACTOR. ON SPECIAL PROJECTS, RELOCATION AND SETUP OF GONDOLAS AND/OR RACKING AS INDICATED ON THIS SHEET WILL BE PERFORMED BY GC.
8. REMOVAL OF GONDOLAS AND/OR RACKING AS INDICATED ON FXS SHEETS WILL BE PERFORMED BY OWNER. ON SPECIAL PROJECTS, REMOVAL OF GONDOLAS AND/OR RACKING AS INDICATED ON THIS SHEET WILL BE PERFORMED BY GC.
9. LOCATE ALL 44" DEEP RACKS 6" FROM WALLS AND COLUMNS UNO.
10. LOCATE ALL RACKS LESS THAN 44" DEEP 3" FROM ALL WALLS AND COLUMNS UNO.
11. ALL CONCRETE STOOPS SLOPE 1:48 (2%) AWAY FROM BUILDING. SLOPE SURROUNDING GRADE 1:20 (5%) MAXIMUM TO MEET FLUSH WITH FRONT AND SIDE EDGES OF EACH CONCRETE STOOP
12. ALL EXTERIOR SIDEWALK JOINTS TO BE FILLED WITH SEALANT. REF SPECIFICATIONS
13. REF CIVIL AND MEP FOR LOCATION OF GREASE INTERCEPTOR
14. ALL EXIT SIGNS AND EMERGENCY LIGHT ARE SHOWN ON SHEET E1, (SYMBOL LEGEND ON E3), AND WILL BE SUBJECT TO INSPECTION FROM THE FIRE MARSHAL HAVING AUTHORITY PRIOR TO FINAL APPROVALS.
15. PROVIDE 30"X48" CLEAR AND LEVEL FLOOR SPACE AT EACH FIRE EXTINGUISHER LOCATION. ALL CONTROLS SHALL BE 48" MAXIMUM AFF.
16. COORDINATE QUANTITY AND LOCATION OF FIRE EXTINGUISHERS REQUIRED WITH AHJ.

DEMO NOTES

1. SALES FLOOR TO BE ACCESSIBLE TO CUSTOMERS DURING NON-CONSTRUCTION HOURS. REMOVE CONSTRUCTION FENCING AND DUST WALLS INTERFERING WITH CUSTOMER CURCULATION OR ACCESS.
2. DEMOLITION INCLUDES BUT IS NOT LIMITED TO ITEMS SHOWN DASHED.
3. REMOVE ALL DOORS SHOWN DASHED. REFER TO DOOR SCHEDULE FOR DOOR AND FRAME REPLACEMENT.
4. COORDINATE REMOVAL AND DISPOSAL OF EXISTING FIXTURES WITH MECHANICAL SERVICES CONSTRUCTION MANAGER.
5. REMOVAL OF GONDOLAS AND/OR RACKING AS INDICATED ON FXS SHEETS WILL BE PERFORMED BY OTHERS.

INSECT CONTROL UNIT LEGEND

FINAL NUMBER OF UNITS RECEIVED IS DETERMINED BY THE WALMART FOOD SAFETY & HEALTH PEST MANAGEMENT AND PEST ELIMINATION SERVICES PROVIDER

TYPE	TOTAL	
D	1	D

NOTES:
1. ALL UNITS TO BE INSTALLED BY THE PEST ELIMINATION SERVICES PROVIDER
2. UNITS ARE NOT TO BE INSTALLED ABOVE ANY FOOD SERVICE/PREP EQUIPMENT
3. UNITS ARE TO BE INSTALLED (INDICATED WITH BROWN RECEPTACLES AND COVERS) AS INSTRUCTED WITHIN THE CONSTRUCTION DOCUMENTS. REFERENCE ARCHITECTURAL AND ELECTRICAL DRAWINGS FOR PROPER LOCATION

LEGEND

- EXISTING
- NEW
- REMOVE
- RELOCATE
- AREA OF DEMOLITION

946 PICKUP STORAGE

WALLS
- EXISTING WALLS TO REMAIN. NEW WALLS DO NOT PAINT, REF SPECIFICATIONS FOR FINISH.

FLOOR
- REF STRUCTURAL AND SPECS FOR NEW SLAB.
- EC ALL ETR. SCRAPE CLEAN THE SLAB TO REMOVE ADHESIVE AND DIRT. PATCH AND REPAIR CONCRETE IN ACCORDANCE WITH SECTION 03905.
- TRANSITION BETWEEN EXISTING FLOORING AS REQUIRED IF MORE THAN ONE FLOORING TYPE EXISTS. REPAIR CONCRETE AS REQUIRED AT LOCATIONS OF DEMOLISHED WALLS AND FIXTURES IN ACCORDANCE WITH SECTION 03905.

CEILING
- OPEN TO STRUCTURE.

wd innovation at scale

7007 DISCOVERY BLVD
DUBLIN, OH 43017
614.634.7000 T

WDPARTNERS.COM

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

CONSULTANTS

Walmart
PUYALLUP, WA
310 31ST AVENUE SE, PUYALLUP, WA 98374
STORE NO: 2403-278 PROTO: 192 GROCERY EXP
JOB NUMBER: WALGP0402

ISSUE BLOCK

1	PR#1	01/25/22
6	CCD#3	03/09/23
11	CCD#8	02/12/25

CHECKED BY:	SME
DRAWN BY:	KR/AK/SH
PROTO CYCLE:	07/30/21
DOCUMENT DATE:	09/08/21

6729 REGISTERED ARCHITECT
CHRISTOPHER K. DOERSCHLAG
STATE OF WASHINGTON
02/14/2025

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

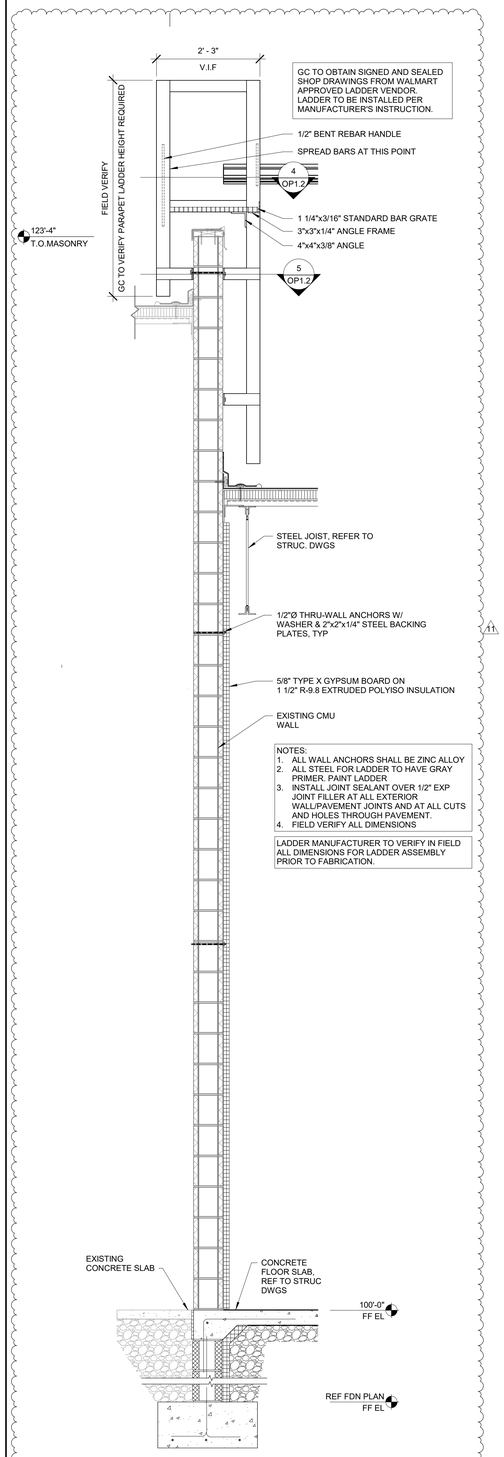
EXTERIOR EXPANSION FLOOR PLANS AND DETAILS

SHEET: OP1.0

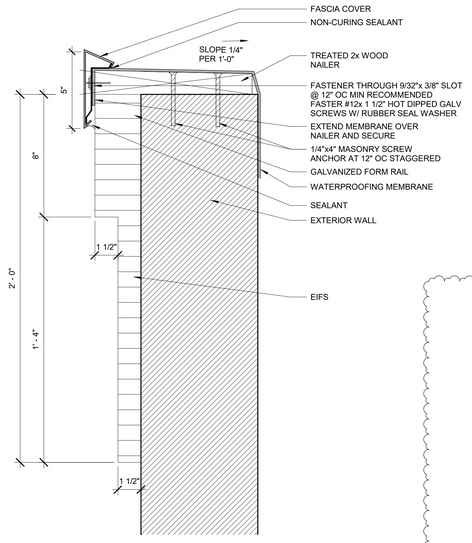
EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT HIMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY

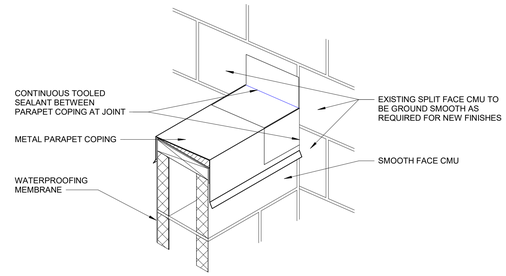


3 ROOF LADDER WALL SECTION
3/4" = 1'-0"

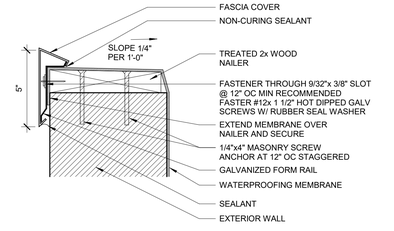


10 ROOF PARAPET CAP FLASHING
3" = 1'-0"

306.5 Equipment and appliances on roofs or elevated structures. Where equipment requiring access or appliances are located on an elevated structure or the roof of a building such that personnel will have to climb higher than 16 feet (4877 mm), an interior or exterior means of access shall be provided. Such access shall not require climbing over obstructions greater than 30 inches (762 mm) in height or walking on roofs having a slope greater than 4 units vertical in 12 units horizontal (33 percent slope). Such access shall not require the use of portable ladders. Where access involves climbing over parapet walls, the height shall be measured to the top of the parapet wall.
Permanent ladders installed to provide the required access shall comply with the following minimum design criteria:
1. The side railing shall extend above the parapet or roof edge not less than 42 inches (1067 mm).
2. Ladders shall have rung spacing not to exceed 12 inches (305 mm) on center. The uppermost rung shall be a maximum of 24 inches below the upper edge of the roof hatch, roof or parapet, as applicable.
3. Ladders shall have a toe spacing not less than 7 inches (178 mm) deep.
4. There shall be a minimum of 18 inches (457 mm) between rails.
5. Rungs shall have a minimum 0.75-inch (19 mm) diameter and be capable of withstanding a 300-pound (136.1 kg) load.
6. Ladders over 30 feet (9144 mm) in height shall be provided with offset sections and landings capable of withstanding 100 pounds (488.2 kg/m2) per square foot. Landing dimensions shall be not less than 18 inches (457 mm) and not less than the width of the ladder served. A guard rail shall be provided on all open sides of the landing. Landing dimensions shall be not less than 18 inches and not less than the width of the ladder served. A guardrail shall be provided on all open sides of the landing.
7. Climbing clearances. The distance from the centerline of the rungs to the nearest permanent object on the climbing side of the ladder shall be a minimum of 30 inches measured perpendicular to the rungs. This distance shall be maintained from the point of ladder access to the bottom of the roof hatch. A minimum clear width of 15 inches shall be provided on both sides of the ladder measured from the midpoint of and parallel with the rungs except where cages or wells are installed.
8. Landing required. The ladder shall be provided with a clear and unobstructed bottom landing area having a minimum dimension of 30 inches by 30 inches centered in front of the ladder.
9. Ladders shall be protected against corrosion by approved means.
10. Access to ladders shall be provided at all times.



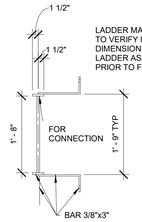
9 PARAPET CAP FLASHING AT WALL
1 1/2" = 1'-0"



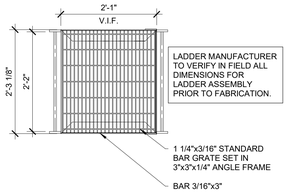
8 ROOF PARAPET CAP FLASHING
3" = 1'-0"

7 **NOT USED**

6 **NOT USED**



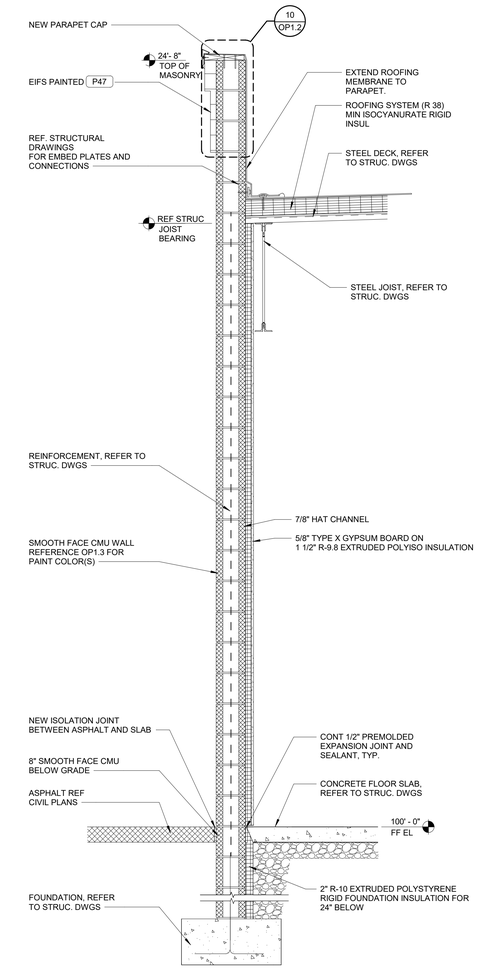
5 ROOF LADDER SECTION
3/4" = 1'-0"



4 ROOF LADDER SECTION
3/4" = 1'-0"

11

2 CMU WALL SECTION AT DOOR
3/4" = 1'-0"



1 CMU WALL SECTION
3/4" = 1'-0"

wd innovation at scale

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

7007 DISCOVERY BLVD
DUBLIN, OH 43017
614.634.7000 T

WDPARTNERS.COM

CONSULTANTS

Walmart
PUYALLUP, WA
310 31ST AVENUE SE, PUYALLUP, WA 98374
STORE NO: 2403-278 | WALGP0402 | PROTO | 192 GROCERY EXP
JOB NUMBER:

ISSUE BLOCK		
1	PR#1	01/25/22
2	PR#2	03/18/22
3	ADD#2	05/11/22
4	ADD#6	6/23/22
11	CCD#8	02/12/25

CHECKED BY:	SME
DRAWN BY:	KR/AK/SH
PROTO CYCLE:	07/30/21
DOCUMENT DATE:	09/08/21

6729 REGISTERED ARCHITECT
CHRISTOPHER K. DOERSCHLAG
STATE OF WASHINGTON
02/14/2025

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

EXPANSION WALL SECTIONS AND DETAILS

SHEET:
OP1.2

2/11/2025 11:11:39 AM

SITE PLAN

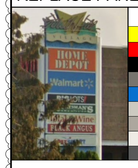
NEW OUTDOOR SIGN

NEW WALMART SIGN WITH SPARK

NEW PICKUP SIGN

EXISTING MONUMENT SIGN LOCATION ON SITE, REF 12-A2.1

MONUMENT SIGNAGE: REPLACE PANEL EA. SIDE



COLOR LEGEND

	P#	COLOR NAME
	P5E	SAFETY YELLOW
	P21E	SAFETY RED
	P36E	BLACK
	P49E	DARK GRAY
	P76U	WALMART BLUE (URETHANE-LIKE)
	P134E	LIGHT GRAY
	P135E	MEDIUM GRAY
	P140E	WHITE
	P162E	BLACK GRAY

11

PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY

DEMOLITION NOTES

1. NOT USED.
2. REMOVAL OF BUILDING MOUNTED ITEMS, SHOWN OR NOTED TO BE DEMOLISHED OR AS REQUIRED BY SCOPE OF WORK, SHALL OCCUR PRIOR TO PAINTING BUILDING . COORDINATE DEMOLITION WORK SO EXTERIOR PAINTING WILL OCCUR PRIOR TO INSTALLATION OF BUILDING MOUNTED ITEMS

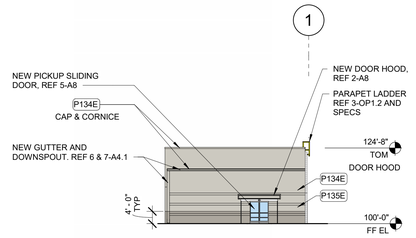
COLOR LEGEND

P5E	SAFETY YELLOW
P134E	LIGHT GRAY
P135E	MEDIUM GRAY

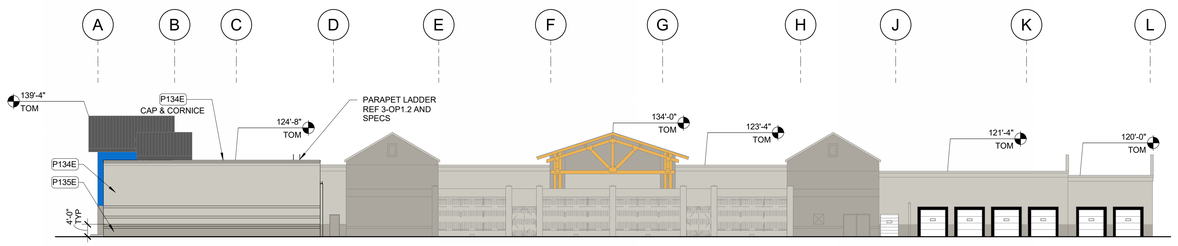
11

SHEET NOTES

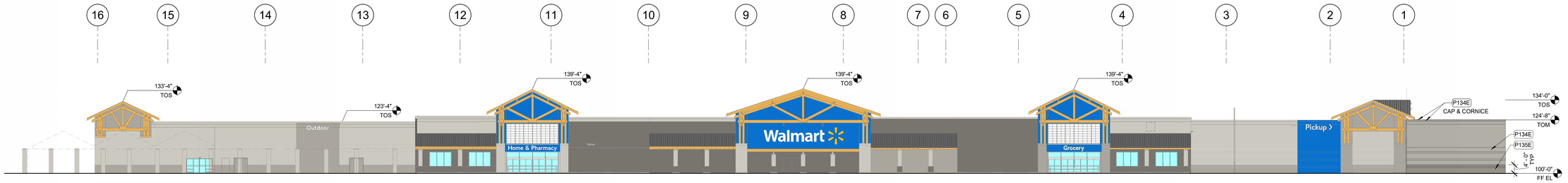
1. POWER WASH 100% OF EXTERIOR WALLS NOTED TO RECEIVE PAINT, PRIOR TO PAINTING.
2. NOT USED.
3. NOT USED.
4. PAINT DOOR HOODS, HOLLOW METAL STEEL DOORS AND FRAMES, GUTTERS AND DOWNSPOUTS, EXPOSED METAL FLASHING, HANDRAILS, AND EXPOSED MISCELLANEOUS STEEL TO MATCH ADJACENT BUILDING COLOR UNO.
5. PAINT STRUCTURAL STEEL AND FLASHING TO MATCH ADJACENT WALL UNO.
6. NOT USED.
7. NOT USED.
8. NOT USED.
9. NOT USED.
10. NOT USED.
11. NOT USED.
12. NOT USED.
13. NOT USED.
14. NOT USED.
15. NOT USED.
16. NOT USED.
17. NOT USED.
18. NOT USED.
19. NOT USED.
20. NOT USED.
21. NOT USED.
22. PAINT PARAPET ROOF LADDER (P5E)
23. NOT USED.
24. NOT USED.
25. NOT USED.



3 REAR ELEVATION AT EXPANSION
1" = 20'-0"



2 SIDE ELEVATION AT EXPANSION
1" = 20'-0"



PAINT OF EXISTING STORE AND SIGN TO REMAIN ETR

EXISTING ORNAMENTAL FENCE SHOWN IN DASHED LINES FOR CLARITY

1 FRONT ELEVATION
1" = 20'-0"

11

2111020511:11:38 AM

wd innovation at scale

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

7007 DISCOVERY BLVD
DUBLIN, OH 43017
614.634.7000 T

WDPARTNERS.COM

CONSULTANTS

Walmart

PUYALLUP, WA
310 31ST AVENUE SE, PUYALLUP, WA 98374
STORE NO: 2403-278
JOB NUMBER: WALGR0402 PROTO: 192 GROCERY EXP

ISSUE BLOCK

1	PR#1	01/25/22
11	CCD#8	02/12/25

CHECKED BY:	SME
DRAWN BY:	MA/RS/AK/SH
PROTO CYCLE:	07/30/21
DOCUMENT DATE:	09/08/21

6729 REGISTERED ARCHITECT
CHRISTOPHER K. ODERSCHLAG
STATE OF WASHINGTON
02/14/2025

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

EXPANSION ELEVATIONS

SHEET:
OP1.3

CASE INSTALLATION

NOTE
THIS DOCUMENT IS INTENDED TO DESCRIBE IMPORTANT ELEMENTS OF THIS PROJECT AND TO DEFINE THE RESPONSIBLE PARTIES FOR THIS WORK STREAM. IT IS NOT MEANT TO BE AN EXHAUSTIVE SOURCE OF INFORMATION OR A COMPLETE SCOPE OF WORK. IT SHOULD BE READ AND USED IN CONJUNCTION WITH ADDITIONAL, DETAILED INFORMATION IN THE WALMART REALTY ONE BEST WAY STANDARDS LIBRARY, AND IN PUBLICATIONS AVAILABLE FROM THE MANUFACTURER.

#	SCOPE OF WORK	RESPONSIBLE PARTY	
		REPLACEMENTS	NEW EQUIPMENT
		REMODEL	REMODEL
1	FURNISH THE NEW / REPLACEMENT CASES.	OEM/WMT	OEM/WMT
2	FURNISH AND INSTALL ALL (REFRIGERANT AND DRAIN) PIPING.	RC	RC
3	FURNISH ALL FIELD-INSTALLED REFRIGERATION VALVES.	OEM/WMT	OEM/WMT
4	FURNISH AND INSTALL ALL ISOLATION BALL VALVES.	RC	RC
5	INSTALL ALL FIELD INSTALLED REFRIGERATION VALVES.	RC	RC
6	FURNISH AND INSTALL ALL FACTORY INSTALLED REFRIGERATION VALVES.	OEM/WMT	OEM/WMT
7	FURNISH ALL CONTROLS CABLING AS NECESSARY TO COMPLETE THE WORK. (24 VOLTS OR LESS)	EMS	EMS
8	PROVIDE TYPEWRITTEN SCHEDULES FOR ALL AFFECTED ELECTRICAL PANELBOARDS.	GC	GC
9	INSTALL AND TERMINATE FURNISHED CONTROLS WIRING (24 VOLTS OR LESS) AS DETAILED ON THE PRINTS.	RC	RC
10	PROVIDE ELECTRICAL POWER CABLING FROM POWER SOURCE TO THE FIRST CASE IN THE CIRCUIT.	GC	GC
11	PROVIDE ALL "SLAVE" WIRING FROM FIRST CASE TO REMAINING CASES IN THE CIRCUIT.	RC	RC
12	PREFABRICATE AS MUCH OF THE NEW PIPE WORK AND ELECTRICAL CONDUIT AS POSSIBLE AND MOUNT ANY NEW DEVICES IN ORDER TO REDUCE THE AMOUNT OF "DOWN TIME" NEEDED TO COMPLETE THE INSTALLATION.	RC	RC
13	COORDINATE THE INSTALLATION TIME WITH STORE MANAGEMENT.	GC	GC
14	OBTAIN HOT WORK PERMITS AS REQUIRED.	GC	GC
15	NOTIFY THE EMS VENDOR 24 HRS. IN ADVANCE OF THE WORK - TELL THEM WHAT CASES ARE BEING INSTALLED AND WHAT SYSTEMS WILL BE IMPACTED.	RC	RC
16	NOTIFY THE WMT BUILDING CONTROLS TEAM AND ADVISE THEM WHICH SYSTEMS AND WHICH CASES WILL BE IMPACTED BY THE WORK.	RC	N/A
17	REMOVE ALL OF REFRIGERATED PRODUCTS FROM THE CASES THAT ARE BEING REPLACED.	WMT	N/A
18	REMOVE ALL OF THE ASSET PROTECTION (BUMP GUARDS) FROM AROUND THE CASES.	GC	N/A
19	DECOMMISSION AND REMOVE THE OLD CASES. IN TEXAS, ALL DECOMMISSIONED CASES WILL BE REMOVED FROM THE STORE BY QUICK REFRIGERATION. COORDINATE REMOVAL AND DISPOSAL WITH WMT CONSTRUCTION MANGER. WHEN REPLACING PRODUCE CASES, REMOVE WATER SUPPLY FROM MISTING SYSTEM. WHEN REPLACING DELI SERVE OVER CASES, COORDINATE THE REMOVAL OF THE DATA CABLING FOR THE DELI SCALES.	RC	N/A
20	CLEAN THE FLOOR UNDER THE CASES AND JET THE DRAINS.	RC	N/A
21	WHEN REPLACING MULTI-DECK AND / OR GLASS DOOR CASES, AND REUSING EXISTING PIPEWORK, RE-INSULATE THE REFRIGERATION PIPING BEHIND THE CASES. THIS APPLIES TO ALL PIPING THAT IS ACCESSIBLE WITHOUT DISTURBING EXISTING CASES, INSIDE PITS / TUNNELS OR IN A CHASE THAT IS NOT BEING OTHERWISE DISTURBED.	RC	N/A
22	SET THE NEW CASES IN THE POSITION DICTATED BY THE CONSTRUCTION PRINTS. ENSURE CASES ARE STRAIGHT AND LEVEL, AND SHIMMED PER THE MANUFACTURER'S GUIDANCE. SEAL ALL CASES WITH BUTYL SEALANT. ALIGN GLASS DOORS PLUMB AND LEVEL TO PREVENT "SAW-TOOTHING" OF THE DOORS.	RC	RC
23	CONNECT THE NEW CASES (MECHANICAL, ELECTRICAL, PLUMBING AND CONTROLS) AS DETAILED ON THE PRINTS.	RC	RC
24	EVACUATE AND PRESSURE TEST THE NEW CASES AND ANY PIPING MODIFIED OR DISTURBED DURING THE WORK.	RC	RC
25	SWITCH ON AND COMMISSION THE NEW CASES, VALVES AND CONTROLS AS REQUIRED. CHECK AND ADJUST MECHANICAL TXV SUPERHEATS TO OEM RECOMMENDATIONS AND EPR SETTINGS PER NEW LEGEND.	RC	RC
26	INSTALL FURNISHED LIDS TO REFRIGERATED BUNKERS.	RC	RC
27	FURNISH CONTROLS SUPPORT TO THE INSTALLING CONTRACTOR.	OEM	OEM
28	WHEN REPLACING PRODUCE CASES, INSTALL NEW MISTING SYSTEM TO CASES AND CONNECT TO DEDICATED WATER SUPPLY.	RC	RC
29	WHEN REPLACING DELI SERVE OVER CASES, COORDINATE THE INSTALLATION OF THE DATA CABLING FOR THE DELI SCALES.	WMT	WMT
30	NOTIFY WMT BUILDING CONTROLS THAT THE NEW CASES ARE RUNNING AND ONLINE.	RC	RC
31	CARRY OUT A THOROUGH LEAK TEST ON ALL WELDED AND MECHANICAL JOINTS INSTALLED OR DISTURBED DURING THE PROJECT.	RC	RC
32	HANDOVER THE NEW CASES TO THE STORE. (CASES MUST BE CLEAN, AT OPERATIONAL TEMPERATURE AND FULLY FUNCTIONAL WITH ALL PANS AND SHELVING IN PLACE.)	RC	RC
33	FILL THE NEW CASE WITH PRODUCT.	WMT	WMT
34	REPLACE MISSING OR DAMAGED FLOOR TILES OR REPAIR VISIBLE, DAMAGED CONCRETE FLOOR AROUND THE NEW CASES. (AS NEEDED)	GC (OR WMT PREFERRED FLOORNG INSTALLER)	N/A
35	INSTALL NEW CIRCUIT LABELS TO THE NEW CASES AS REQUIRED.	RC	RC
36	COMPLETE ASSET TAGGING PROCESS	RC	RC
37	REPLACE THE SHOP FLOOR DRAWINGS AND INSTALL REPLACEMENT LEGENDS.	RC	RC
38	REINSTALL ANY PREVIOUSLY REMOVED (UNDAMAGED) ASSET PROTECTION (BUMP GUARDS). INSTALL NEW OWNER FURNISHED PROTECTION EQUIPMENT AS NEEDED.	RC	RC
39	AFTER ALL CHANGES HAVE BEEN MADE TO A RACK, REMOVE ANY COMPRESSOR SUCTION FILTERS / SOCKS AND REPLACE THE RACK LIQUID LINE FILTERS. LEAVE THE OLD FILTERS / DRIERS IN THE RACK HOUSE TO BE INSPECTED BY THE MCM.	RC	RC
40	SUBMIT REQUIRED VERISAE AND OTHER REGULATORY FORMS AS REQUIRED BY THE END OF COMMISSIONING WEEK. COMPLETED VERISAE FORMS ARE TO BE EMAILED TO MCEQUIP@WAL-MART.COM.	RC	RC
41	REMOVE ALL OF THE OLD CASES AND CLEAR SITE OF ALL TOOLS, UNUSED INSTALLATION MATERIALS AND TRASH.	GC	GC

CONDENSER REPLACEMENT

NOTE
THIS DOCUMENT IS INTENDED TO DESCRIBE IMPORTANT ELEMENTS OF THIS PROJECT AND TO DEFINE THE RESPONSIBLE PARTIES FOR THIS WORK STREAM. IT IS NOT MEANT TO BE AN EXHAUSTIVE SOURCE OF INFORMATION OR A COMPLETE SCOPE OF WORK. IT SHOULD BE READ AND USED IN CONJUNCTION WITH ADDITIONAL, DETAILED INFORMATION IN THE WALMART REALTY ONE BEST WAY STANDARDS LIBRARY, AND IN PUBLICATIONS AVAILABLE FROM THE MANUFACTURER.

#	SCOPE OF WORK	RESPONSIBLE PARTY
		REMODEL
1	FURNISH THE NEW REPLACEMENT CONDENSERS / VFD'S.	OEM/WMT
2	INSTALL ANY ADDITIONAL SUPPORT OR SCREENING STRUCTURES AS REQUIRED TO SUPPORT THE NEW CONDENSERS.	GC
3	FURNISH AND INSTALL ALL (REFRIGERANT AND DRAIN) PIPING, AND ALL FIELD INSTALLED REFRIGERATION VALVES NECESSARY TO COMPLETE THE WORK.	RC
4	FURNISH ALL CONTROLS CABLING AS NECESSARY TO COMPLETE THE WORK. (24 VOLTS OR LESS)	EMS
5	INSTALL AND TERMINATE CONTROLS WIRING (24 VOLTS OR LESS) AS DETAILED ON THE PRINTS.	RC
6	TERMINATE ALL POWER CABLES.	RC
7	PREFABRICATE AS MUCH OF THE NEW PIPE WORK AND ELECTRICAL CONDUIT AS POSSIBLE AND MOUNT ANY NEW DEVICES IN ORDER TO REDUCE THE AMOUNT OF "DOWN TIME" NEEDED TO COMPLETE THE INSTALLATION.	RC
8	COORDINATE THE INSTALLATION TIME WITH STORE MANAGEMENT.	RC
9	OBTAIN HOT WORK PERMITS AS REQUIRED.	GC
10	NOTIFY THE EMS VENDOR 24 HRS. IN ADVANCE OF THE WORK - TELL THEM WHAT CONDENSERS ARE BEING INSTALLED AND WHAT SYSTEMS WILL BE IMPACTED.	RC
11	NOTIFY THE WMT BUILDING CONTROLS TEAM AND ADVISE THEM WHICH SYSTEMS AND WHICH CASES WILL BE IMPACTED BY THE WORK.	RC
12	TAKE WHATEVER STEPS ARE NECESSARY TO PROTECT THE PRODUCT THAT MAY BE AFFECTED BY THE WORK.	WMT
13	RECLAIM REFRIGERANT AS REQUIRED.	RC
14	DECOMMISSION AND REMOVE THE OLD CONDENSERS / VFD'S.	RC
15	INSTALL THE NEW FURNISHED CONDENSERS, VALVES, VFD'S ETC. AS DETAILED IN THE CONSTRUCTION PRINTS. (MECHANICAL, ELECTRICAL AND CONTROLS)	RC
16	EVACUATE AND PRESSURE TEST THE NEW CONDENSERS AND ANY PIPING MODIFIED OR DISTURBED DURING THE WORK.	RC
17	SWITCH ON AND COMMISSION THE NEW CONDENSERS / VFD'S AND ALL OTHER CONTROL VALVES AS REQUIRED. CHECK AND ADJUST ALL CONTROL VALVE SETTINGS PER THE LEGEND.	RC
18	REPLACE THE REFRIGERANT THAT WAS RECLAIMED DURING THE SHUTDOWN / DECOMMISSIONING PROCESS.	RC
19	COMMISSION THE CONDENSERS AND VFD'S, USING THE OEM'S SEQUENCE OF OPERATION AND THE EOR'S CONTROL SETTINGS.	RC
20	CARRY OUT ANY CONTROLS PARAMETER CHANGES.	EMS
21	PERFORM REMOTE CHECKOUT.	RC
22	FURNISH CONTROLS SUPPORT TO THE INSTALLING CONTRACTOR.	EMS
23	NOTIFY WMT BUILDING CONTROLS THAT THE NEW CONDENSERS ARE RUNNING AND ONLINE.	RC
24	CARRY OUT A THOROUGH LEAK TEST ON ALL WELDED AND MECHANICAL JOINTS INSTALLED OR DISTURBED DURING THE PROJECT.	RC
25	CONFIRM WITH STORE MANAGEMENT THAT THE NEW CONDENSERS ARE FULLY OPERATIONAL AND ALL CASES ARE AT THE CORRECT TEMPERATURE.	RC
26	COORDINATE THE SALVAGE OF THE OLD CONDENSERS WITH AES. ***NOTE - IN TEXAS, WALMART'S PREFERRED SALVAGE PARTNER FOR REFRIGERATION EQUIPMENT IS QUICK REFRIGERATION.	RC
27	REMOVE THE OLD LEGENDS AND INSTALL REPLACEMENT LEGENDS AS SUPPLIED BY THE EOR / OEM.	RC
28	AFTER ALL CHANGES HAVE BEEN MADE TO A RACK, REMOVE ANY COMPRESSOR SUCTION FILTERS / SOCKS AND REPLACE THE RACK LIQUID LINE FILTERS. LEAVE THE OLD FILTERS / DRIERS IN THE RACK HOUSE TO BE INSPECTED BY THE MCM.	RC
29	CARRY OUT ANY STRUCTURAL WORK REQUIRED AND AS INCLUDED ON THE STRUCTURAL ENGINEERING DRAWINGS. OBTAIN HOT WORK PERMITS AS REQUIRED.	GC
30	PROVIDE CTL INSPECTION OF STRUCTURAL WORK	WMT
31	SUBMIT REQUIRED VERISAE AND OTHER REGULATORY FORMS AS REQUIRED BY THE END OF COMMISSIONING WEEK. COMPLETED VERISAE FORMS ARE TO BE EMAILED TO MCEQUIP@WAL-MART.COM.	RC
32	CLEAR SITE OF ALL TOOLS, UNUSED INSTALLATION MATERIALS AND TRASH.	GC

EVAPORATIVE CONDENSER REPLACEMENT

NOTE
THIS DOCUMENT IS INTENDED TO DESCRIBE IMPORTANT ELEMENTS OF THIS PROJECT AND TO DEFINE THE RESPONSIBLE PARTIES FOR THIS WORK STREAM. IT IS NOT MEANT TO BE AN EXHAUSTIVE SOURCE OF INFORMATION OR A COMPLETE SCOPE OF WORK. IT SHOULD BE READ AND USED IN CONJUNCTION WITH ADDITIONAL, DETAILED INFORMATION IN THE WALMART REALTY ONE BEST WAY STANDARDS LIBRARY, AND IN PUBLICATIONS AVAILABLE FROM THE MANUFACTURER.

#	SCOPE OF WORK	RESPONSIBLE PARTY
		REMODEL
1	FURNISH THE NEW EVAPORATIVE CONDENSERS, ELECTRICAL PANELS, VFD'S, AND SENSORS AS REQUIRED TO COMPLETE THE PROJECT.	OEM/WMT
2	INSTALL ANY ADDITIONAL SUPPORT OR SCREENING STRUCTURES AS REQUIRED TO SUPPORT THE NEW CONDENSERS.	GC
3	FURNISH AND INSTALL ALL (REFRIGERANT AND DRAIN) PIPING, AND ALL FIELD INSTALLED REFRIGERATION VALVES NECESSARY TO COMPLETE THE WORK.	RC
4	FURNISH ALL CONTROLS CABLING AS NECESSARY TO COMPLETE THE WORK. (24 VOLTS OR LESS)	EMS
5	INSTALL AND TERMINATE CONTROLS WIRING (24 VOLTS OR LESS) AS DETAILED ON THE PRINTS.	RC
6	TERMINATE ALL POWER CABLES.	RC
7	PREFABRICATE AS MUCH OF THE NEW PIPE WORK AND ELECTRICAL CONDUIT AS POSSIBLE AND MOUNT ANY NEW DEVICES IN ORDER TO REDUCE THE AMOUNT OF "DOWN TIME" NEEDED TO COMPLETE THE INSTALLATION.	RC
8	COORDINATE THE INSTALLATION TIME WITH STORE MANAGEMENT.	RC
9	OBTAIN HOT WORK PERMITS AS REQUIRED.	GC
10	CONTACT WMT TECH SERVICES SUPPORT TEAM TO FIND OUT WHO THE CURRENT WATER TREATMENT PROVIDER IS FOR THE STORE. NOTIFY THE WATER TREATMENT CONTRACTOR THAT THE EXISTING WATER TREATMENT SYSTEMS NEED TO BE REMOVED. COORDINATE / SUPPORT THE REMOVAL OF THE WATER TREATMENT SYSTEMS.	RC
11	NOTIFY THE EMS VENDOR 24 HRS. IN ADVANCE OF THE WORK - TELL THEM WHAT CONDENSERS ARE BEING INSTALLED AND WHAT SYSTEMS WILL BE IMPACTED.	RC
12	NOTIFY THE WMT BUILDING CONTROLS TEAM AND ADVISE THEM WHICH SYSTEMS AND WHICH CASES WILL BE IMPACTED BY THE WORK.	RC
13	TAKE WHATEVER STEPS ARE NECESSARY TO PROTECT THE PRODUCT THAT MAY BE AFFECTED BY THE WORK.	RC
14	RECLAIM REFRIGERANT AS REQUIRED.	RC
15	INSTALL THE NEW CONDENSERS, VALVES, VFD'S ETC. AS DETAILED IN THE CONSTRUCTION PRINTS. (MECHANICAL, ELECTRICAL AND CONTROLS)	RC
16	EVACUATE AND PRESSURE TEST THE NEW CONDENSERS AND ANY PIPING MODIFIED OR DISTURBED DURING THE WORK.	RC
17	SOFT START THE CONDENSERS - SWITCH ON THE NEW CONDENSERS AND RUN THE FANS, WATER AND REFRIGERATION VALVES ON FULL.	RC
18	REPLACE THE REFRIGERANT THAT WAS RECLAIMED DURING THE SHUTDOWN / DECOMMISSIONING PROCESS.	RC
19	COMMISSION THE TOWERS AND VFD'S, USING THE OEM'S SEQUENCE OF OPERATION AND THE EOR'S CONTROL SETTINGS.	RC
20	CARRY OUT ANY CONTROLS PARAMETER CHANGES.	EMS
21	PERFORM REMOTE CHECKOUT.	RC
22	FURNISH CONTROLS SUPPORT TO THE INSTALLING CONTRACTOR.	EMS
23	NOTIFY WMT BUILDING CONTROLS THAT THE NEW CONDENSERS ARE RUNNING AND ONLINE.	RC
24	CARRY OUT A THOROUGH LEAK TEST ON ALL WELDED AND MECHANICAL JOINTS INSTALLED OR DISTURBED DURING THE PROJECT.	RC
25	CONTACT WMT TECH SERVICES SUPPORT TEAM TO FIND OUT WHO THE CURRENT WATER TREATMENT PROVIDER IS FOR THE STORE. NOTIFY THE WATER TREATMENT CONTRACTOR WHEN THE NEW EVAPORATIVE CONDENSERS ARE ONLINE. COORDINATE / SUPPORT THE INSTALLATION OF THE WATER TREATMENT SYSTEMS.	RC
26	INSTALL AND COMMISSION THE WATER TREATMENT SYSTEM FOR THE NEW CONDENSERS.	WTC
27	CONFIRM WITH STORE MANAGEMENT THAT THE NEW CONDENSERS ARE FULLY OPERATIONAL AND ALL CASES ARE AT THE CORRECT TEMPERATURE.	RC
28	DECOMMISSION AND REMOVE THE OLD CONDENSERS / VFD'S ONLY AFTER THE NEW CONDENSERS ARE COMMISSIONED AND FUNCTIONING CORRECTLY.	RC
29	COORDINATE THE SALVAGE OF THE OLD CONDENSERS WITH AES. ***NOTE - IN TEXAS, WALMART'S PREFERRED SALVAGE PARTNER FOR REFRIGERATION EQUIPMENT IS QUICK REFRIGERATION.	RC
30	REMOVE THE OLD LEGENDS AND INSTALL REPLACEMENT LEGENDS AS SUPPLIED BY THE EOR / OEM.	RC
31	AFTER ALL CHANGES HAVE BEEN MADE TO A RACK, REMOVE ANY COMPRESSOR SUCTION FILTERS / SOCKS AND REPLACE THE RACK LIQUID LINE FILTERS. LEAVE THE OLD FILTERS / DRIERS IN THE RACK HOUSE TO BE INSPECTED BY THE MCM.	RC
32	CARRY OUT ANY STRUCTURAL WORK REQUIRED AND AS INCLUDED ON THE STRUCTURAL ENGINEERING DRAWINGS. OBTAIN HOT WORK PERMITS AS REQUIRED.	GC
33	PROVIDE CTL INSPECTION OF STRUCTURAL WORK	WMT
34	SUBMIT REQUIRED VERISAE AND OTHER REGULATORY FORMS AS REQUIRED BY THE END OF COMMISSIONING WEEK. COMPLETED VERISAE FORMS ARE TO BE EMAILED TO MCEQUIP@WAL-MART.COM.	RC
35	CLEAR SITE OF ALL TOOLS, UNUSED INSTALLATION MATERIALS AND TRASH.	GC

ROOFTOP AND AIR HANDLING UNIT (RTU & AHU)

NOTE
THIS DOCUMENT IS INTENDED TO DESCRIBE IMPORTANT ELEMENTS OF THIS PROJECT AND TO DEFINE THE RESPONSIBLE PARTIES FOR THIS WORK STREAM. IT IS NOT MEANT TO BE AN EXHAUSTIVE SOURCE OF INFORMATION OR A COMPLETE SCOPE OF WORK. IT SHOULD BE READ AND USED IN CONJUNCTION WITH ADDITIONAL, DETAILED INFORMATION IN THE WALMART REALTY ONE BEST WAY STANDARDS LIBRARY, AND IN PUBLICATIONS AVAILABLE FROM THE MANUFACTURER.

#	SCOPE OF WORK	RESPONSIBLE PARTY
		REMODEL
1	FURNISH THE NEW / NEW REPLACEMENT ROOF TOP UNITS / AIR HANDLING UNITS AND ANCILLARY ITEMS (AIR INTAKE HOODS, CONDENSATE TRAPS ETC.)	OEM/WMT
2	FURNISH ANY NEW CURBS, ADAPTER CURBS AND HOLD DOWN (HURRICANE) CLIPS / BRACKETS AND MOUNTING HARDWARE REQUIRED FOR THE RTU / AHU.	AES/WMT
3	FURNISH ANY NEW EMS PANELS, AUXILIARY BOARDS AND OTHER CONTROL COMPONENTS REQUIRED TO COMPLETE THE PROJECT.	EMS/WMT
4	FURNISH AND INSTALL ALL MATERIALS NECESSARY TO COMPLETE THE WORK.	GC
5	NOTIFY THE WMT BUILDING CONTROLS TEAM AND ADVISE THEM WHICH RTU'S WILL BE IMPACTED BY THE WORK.	GC
6	COORDINATE THE INSTALLATION TIME WITH STORE MANAGEMENT.	GC
7	ARRANGE FOR AND COORDINATE CRANE SERVICE TO REMOVE EXISTING AND / OR INSTALL NEW RTU'S / AHU'S.	GC
8	DECOMMISSION AND REMOVE THE OLD RTU'S / AHU'S.	GC
9	CARRY OUT ANY STRUCTURAL WORK REQUIRED AND AS INCLUDED ON THE STRUCTURAL ENGINEERING DRAWINGS. OBTAIN HOT WORK PERMITS AS REQUIRED.	GC
10	INSTALL THE NEW RTU'S / AHU'S AS DETAILED IN THE CONSTRUCTION PRINTS. (MECHANICAL, ELECTRICAL AND CONTROLS) INSTALL ALL HOODS, CONDENSATE TRAPS, SENSORS ETC.	GC
11	CARRY OUT ANY SCREENING WORK AS REQUIRED BY THE AHJ AND AS INCLUDED ON THE CONSTRUCTION DRAWINGS.	GC
12	FURNISH AND INSTALL NEW GAS REGULATORS, PIPING, AND SUPPORTS AS INCLUDED ON THE MECHANICAL DRAWINGS.	GC
13	FURNISH AND INSTALL NEW CONDENSATE PIPING AS INCLUDED ON THE MECHANICAL DRAWINGS.	GC
14	CARRY OUT ANY ELECTRICAL WIRING CHANGES REQUIRED AND AS INCLUDED ON THE ELECTRICAL DRAWINGS.	GC
15	COORDINATE AND SUPPORT ANY THIRD PARTY STAKEHOLDERS (FOR EXAMPLE, OEM STARTUP TEAM, CTL AND TAB AGENCIES) THAT ARE REQUIRED TO COMPLETE THE PROJECT.	GC
16	WHEN REQUIRED, COORDINATE THE CONNECTION OF SMOKE DETECTORS TO THE FIRE ALARM SYSTEM WITHIN THE STORES. CONTACT WALMART SECURITY SERVICES FOR DETAILS.	GC
17	CARRY OUT ANY CONTROLS PARAMETER CHANGES AND PERFORM REMOTE CHECKOUT WITH EMS.	GC
18	FURNISH CONTROLS SUPPORT TO THE INSTALLING CONTRACTOR.	EMS
19	NOTIFY WMT BUILDING CONTROLS THAT THE NEW RTU'S / AHU'S ARE RUNNING AND ONLINE.	GC
20	CONFIRM WITH STORE MANAGEMENT THAT THE NEW RTU'S / AHU'S ARE FULLY OPERATIONAL.	GC
21	COMPLETE ASSET TAGGING PROCESS	MC
22	COORDINATE THE SALVAGE OF THE OLD RTU'S / AHU'S WITH AES.	GC
23	SUBMIT REQUIRED VERISAE AND OTHER REGULATORY FORMS AS REQUIRED BY THE END OF COMMISSIONING WEEK. COMPLETED VERISAE FORMS ARE TO BE EMAILED TO MCEQUIP@WAL-MART.COM.	GC
24	CLEAR SITE OF ALL TOOLS, UNUSED INSTALLATION MATERIALS AND TRASH.	GC

ABBREVIATION LEGEND

ABBREVIATION	DESCRIPTION
RC	REFRIGERATION CONTRACTOR AND SUB-CONTRACTORS
GC	GENERAL CONTRACTOR AND SUB-CONTRACTORS
EMS	EMS VENDOR
OEM	ORIGINAL RACK EQUIPMENT MANUFACTURER, ORIGINAL CASE EQUIPMENT MANUFACTURER, AHU MANUFACTURER, RTU MANUFACTURER
PS	WALK-IN BOX PANEL SUPPLIER
WMT	WALMART
AES	SUPPLIER OF AHU ADAPTER CURBS, RTU ADAPTER CURBS AND WALMART'S EQUIPMENT SALVAGE PARTNER
WTC	WATER TREATMENT CONTRACTOR
MC	MECHANICAL CONTRACTOR AND SUB-CONTRACTORS

REFRIGERATION PIPE RE-INSULATION

NOTE
THIS DOCUMENT IS INTENDED TO DESCRIBE IMPORTANT ELEMENTS OF THIS PROJECT AND TO DEFINE THE RESPONSIBLE PARTIES FOR THIS WORK STREAM. IT IS NOT MEANT TO BE AN EXHAUSTIVE SOURCE OF INFORMATION OR A COMPLETE SCOPE OF WORK. IT SHOULD BE READ AND USED IN CONJUNCTION WITH ADDITIONAL, DETAILED INFORMATION IN THE WALMART REALTY ONE BEST WAY STANDARDS LIBRARY, AND IN PUBLICATIONS AVAILABLE FROM THE MANUFACTURER.

#	SCOPE OF WORK	RESPONSIBLE PARTY
		REMODEL
1	FURNISH AND INSTALL ALL MATERIALS NECESSARY TO COMPLETE THE WORK.	RC
2	COORDINATE THE INSTALLATION TIME WITH STORE MANAGEMENT. OBTAIN HOT WORK PERMITS AS REQUIRED.	RC
3	NOTIFY THE WMT BUILDING CONTROLS TEAM AND ADVISE THEM WHICH SYSTEMS AND WHICH CASES WILL BE IMPACTED BY THE WORK.	RC
4	WHEN REPLACING MULTI-DECK AND / OR GLASS DOOR CASES, AND REUSING EXISTING PIPEWORK, THE REFRIGERATION PIPING BEHIND THE CASES SHOULD BE RE-INSULATED. THIS APPLIES TO ALL PIPING THAT IS...	RC
5	CONFIRM WITH STORE MANAGEMENT THAT THE WORK IS COMPLETE AND ALL SYSTEMS IMPACTED BY THE WORK ARE FULLY FUNCTIONAL.	RC
6	CLEAR SITE OF ALL TOOLS, OLD INSULATION, UNUSED INSTALLATION MATERIALS AND TRASH.	RC

PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY. DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY.

wd innovation at scale

City of Puyallup
Development & Permitting Services
Stamp Below

Building	Planning
Engineering	Public Works
Fire	Traffic

7007 DISCOVERY BLVD
DUBLIN, OH 43017
614.634.7000 T

WDPARTNERS.COM

CONSULTANTS

Walmart :\<

PUYALLUP, WA
310 31ST AVENUE SE, PUYALLUP, WA 98374
STORE NO: 2403-278 192 GROCERY EXP
JOB NUMBER: WALGR0402 PROTO:

ISSUE BLOCK

CHECKED BY:	SME
DRAWN BY:	MA/AK/SH
PROTO CYCLE:	07/30/21
DOCUMENT DATE:	09/08/21

6729 REGISTERED ARCHITECT
CHRISTOPHER K. DOERSCHLAG
STATE OF WASHINGTON
02/14/2025

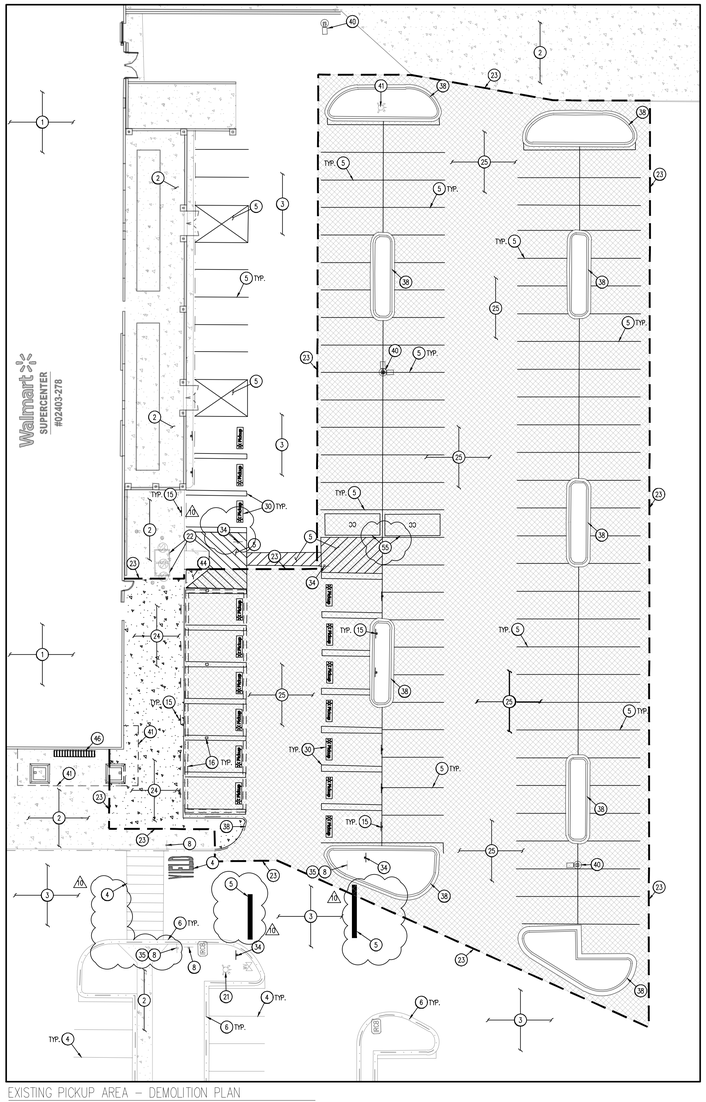
DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

RESPONSIBILITY SCHEDULE

SHEET:
OP2.0

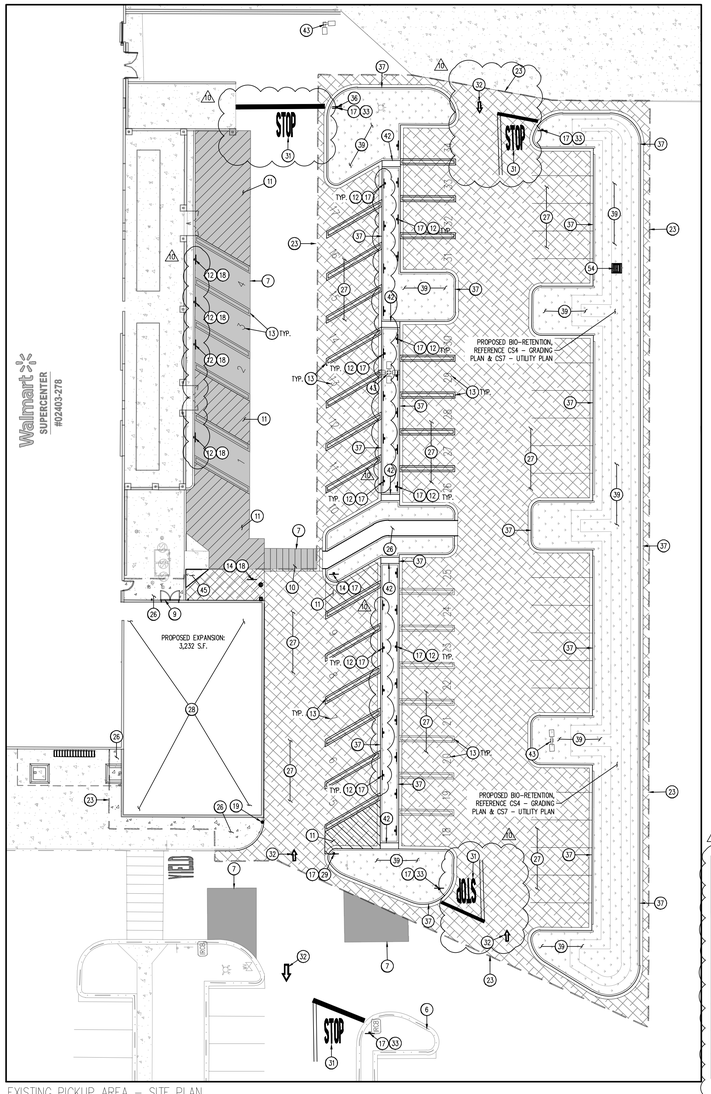
2311/2025 11:11:48 AM

PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY. DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY



EXISTING PICKUP AREA – DEMOLITION PLAN

APPROX. 1" = 20'

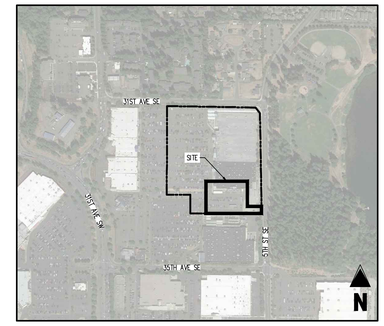


EXISTING PICKUP AREA – SITE PLAN

APPROX. 1" = 20'

DEMOLITION NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSAL (IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES) ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING, DRIVES, DRAINAGE STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE PROPOSED PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS. PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.
2. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
3. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY THEMSELVES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
4. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR MARKING ONSITE LOCATIONS OF EXISTING UTILITIES.
5. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK. UTILITIES DETERMINED TO BE ABANDONED AND LEFT IN PLACE SHALL BE GROUTED IF UNDER BUILDING.
6. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC., (AND OTHER APPROPRIATE BEST MANAGEMENT PRACTICES) AS APPROVED BY CITY AND OWNER. SHOULD REMOVAL AND/OR RELOCATION ACTIVITIES DAMAGE EXISTING FACILITIES TO REMAIN, THE CONTRACTOR SHALL PROVIDE NEW MATERIALS/ STRUCTURES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. EXCEPT FOR MATERIALS DESIGNED TO BE RELOCATED ON THIS PLAN, ALL OTHER CONSTRUCTION MATERIALS SHALL BE NEW. DAMAGE TO ALL EXISTING CONDITIONS TO REMAIN WILL BE REPLACED AT CONTRACTOR'S EXPENSE.
7. CONTRACTOR SHALL LIMIT SAW-CUT & PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS, BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IT'S REMOVAL AND REPAIR.
8. IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 72 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION.
9. ALL EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME THE THE DRAWINGS WERE PREPARED AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE HE COMMENCES ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL DAMAGE DUE TO THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME, IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED BY THE CONTRACTOR AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
10. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, COPIES OF ANY REQUIRED CONSTRUCTION PERMITS, AND EROSION CONTROL PLANS AND INSPECTION REPORTS (SWPPP).
11. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER/ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER. NO CONSIDERATION WILL BE GIVEN TO CHANGE ORDERS FOR WHICH THE OWNER AND ENGINEER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM.
12. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST OSHA STANDARDS FOR EXCAVATION AND TRENCHING PROCEDURES. CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, ETC. AS NECESSARY FOR THESE OPERATIONS, AND SHALL COMPLY WITH ALL OSHA PERFORMANCE CRITERIA.
13. DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE LOCAL MUNICIPALITIES. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
14. ANY RECYCLED MATERIAL TO BE STOCKPILED ON THE SITE SHALL BE STORED IN AS SMALL AN AREA AS PRACTICAL AND THE LOCATION OF ANY STOCKPILE SHALL BE WELL CLEAR OF THE BUILDING PAD AREA AND THE LOCATION MUST BE PRE-APPROVED BY THE ENGINEER AND OWNER PRIOR TO STOCKPILING.
15. QUANITIES SHOWN HERE ARE APPROXIMATE AND ARE PROVIDED FOR CONVENIENCE ONLY AND NOT FOR BID PURPOSES. CONTRACTOR SHALL VERIFY QUANITITES NECESSARY TO DEMO FACILITIES SHOWN.
16. ASBESTOS OR HAZARDOUS MATERIAL, IF FOUND ON SITE, SHALL BE REMOVED BY A LICENSED HAZARDOUS MATERIAL CONTRACTOR. REFERENCE ARCHITECTURAL PLANS FOR LIMITS OF BUILDING DEMOLITION.



KEY MAP

APPROX. 1" = 500'

LEGEND

- EXISTING CURB AND GUTTER TO REMAIN
- EXISTING CONCRETE PAVING TO REMAIN
- EXISTING CONCRETE PAVING TO BE REMOVED
- PROPOSED CONCRETE PAVING/SIDEWALK
- EXISTING ASPHALT PAVING TO REMAIN
- EXISTING ASPHALT PAVING TO BE REMOVED
- PROPOSED ASPHALT PAVING
- PROPOSED SEAL COAT
- EXISTING BOLLARD TO REMAIN
- EXISTING LIGHT POLE TO REMAIN
- EXISTING SITE TO BE RELOCATED,
- EXISTING FIRE HYDRANT TO REMAIN
- PROPOSED SITE BOLLARD
- PROPOSED SIGN MOUNTING W/ BREAKAWAY POST
- PROPOSED SIGN MOUNTING W/ BOLLARD POST
- EXISTING SIGNAGE WITH BASE TO BE REMOVED
- EXISTING SIGNAGE WITH BASE TO REMAIN
- EXISTING FIRE LANE STRIPING REMAIN
- EXISTING WALMART BUILDING TO REMAIN
- PROPOSED WALMART BUILDING
- PROPOSED SAWCUT LINE
- EXISTING GREASE INTERCEPTOR TO REMAIN

SITE ANALYSIS TABLE (EXISTING STORE)

	EXISTING	PROPOSED
TOTAL BUILDING AREA	197,132 S.F.	200,364 S.F.
**REQUIRED PARKING (PER ECR) **REQUIRED PARKING RATIO (PER ECR)	986 SPACES 5.0 SPACE/1,000 S.F.	1002 SPACES 5.0 SPACE/1,000 S.F.
REQUIRED PARKING (PER CITY OF PUYALLUP) REQUIRED PARKING RATIO (PER CITY OF PUYALLUP)	658 SPACES 3.33 SPACE/1,000 S.F.	668 SPACES 3.33 SPACE/1,000 S.F.
CUSTOMER AND ASSOCIATE PARKING ACCESSIBLE PARKING PICKUP PARKING CART CORRALS	805 SPACES 18 SPACES 16 SPACES 18 CORRALS / 36 SPACES	723 SPACES 18 SPACES 34 SPACES 18 CORRALS / 36 SPACES
*TOTAL PARKING EXCLUDING PICKUP STALLS *PARKING RATIO EXCLUDING PICKUP STALLS	823 SPACES 4.17/1,000 S.F.	741SPACES 3.70/1,000 S.F.
*TOTAL PARKING INCLUDING PICKUP STALLS *PARKING RATIO INCLUDING PICKUP STALLS	839 SPACES 4.25/1,000 S.F.	775 SPACES 3.86/1,000 S.F.
TOTAL PARKING INCLUDING PICKUPS STALLS AND CART CORRALS PARKING RATIO INCLUDING PICKUPS STALLS AND CART CORRALS	875 SPACES 4.44/1,000 S.F.	811 SPACES 4.05/1,000 S.F.

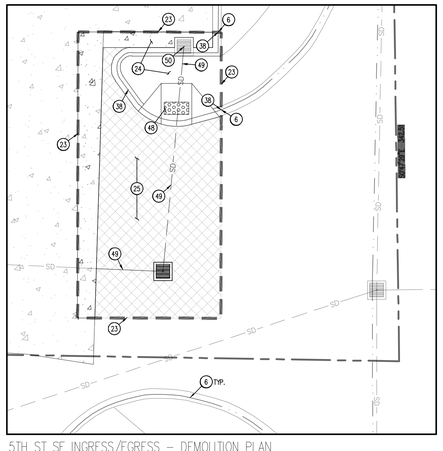
*STALLS OCCUPIED BY CART CORRALS NOT INCLUDED IN PARKING COUNT OR PARKING RATIO..
** AS OF 12/11/2024 ECR TO BE AMENDED TO 4.0 STALLS/1,000 S.F. (PROPOSED STALLS NEEDED AFTER AMENDMENT = 802 STALLS)

SITE NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
3. ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
4. EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED OR RELOCATED AS NECESSARY. ALL COST SHALL BE INCLUDED IN BASE BID.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, (UNLESS OTHERWISE NOTED ON PLANS) INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES REQUIREMENTS AND PROJECT SITE WORK SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
6. THE SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED "THE SITE SPECIFIC SPECIFICATIONS".
7. ALL CFC-CONTAINING EQUIPMENT SHALL BE PROPERLY DISPOSED OF IN ALIGNMENT WITH LOCAL, STATE, WALMART STANDARDS AND GUIDELINES, AND IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE ENVIRONMENTAL STUDY.
8. CONTRACTOR SHALL PROTECT UTILITIES "TO REMAIN", AS IDENTIFIED IN THESE PLANS, FOR DURATION OF CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL CONTACT ENGINEER OF RECORD WITH CONFLICTS OR DISCREPANCIES PRIOR TO TRENCHING OR FOOTING INSTALLATION.

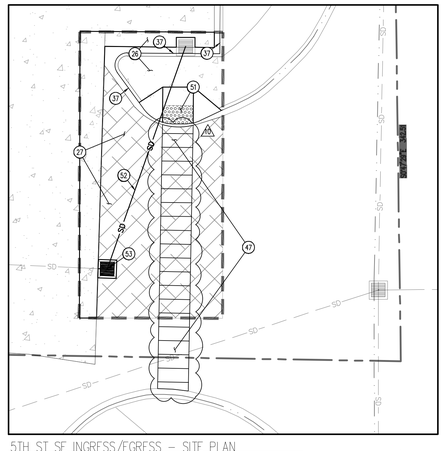
CAUTION – NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POTHOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



5TH ST SE INGRESS/EGRESS – DEMOLITION PLAN

APPROX. 1" = 10'

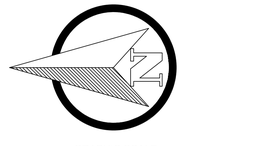


5TH ST SE INGRESS/EGRESS – SITE PLAN

APPROX. 1" = 10'

SITE & DEMOLITION SCHEDULE

1. EXISTING WALMART BUILDING TO REMAIN.
2. EXISTING CONCRETE PAVEMENT/SIDEWALK TO REMAIN.
3. EXISTING ASPHALT PAVEMENT TO REMAIN.
4. EXISTING PARKING LOT STRIPING & PAVEMENT MARKING TO REMAIN.
5. EXISTING PARKING LOT STRIPING & PAVEMENT MARKING TO BE REMOVED.
6. EXISTING CURB AND GUTTER TO REMAIN.
7. PROPOSED SEAL COAT OF EXISTING PAVEMENT.
8. EXISTING SIGNAGE WITH BASE TO REMAIN.
9. PROPOSED PICKUP DOOR (REF. ARCH PLANS).
10. PROPOSED ASSOCIATE PATH CROSSWALK STRIPING (REF. SITE DETAILS).
11. PROPOSED 4" SOLID YELLOW PAINTED STRIPES AT 45° @ 2'-0" O.C.
12. PROPOSED PICKUP SIGNAGE (REF. SITE DETAILS).
13. PROPOSED PICKUP STALL STRIPING AND PICKUP NUMBER MARKING (REF. SITE DETAILS).
14. PROPOSED R1-5B – "STOP HERE FOR PEDESTRIANS" SIGNAGE (REF. SITE DETAILS).
15. EXISTING PICKUP SIGNAGE & BASE TO BE REMOVED.
16. EXISTING CANOPY, COLUMNS, AND FOOTINGS TO BE REMOVED.
17. PROPOSED SIGN MOUNTING & BASE WITH BREAKAWAY POST (REF. SITE DETAILS).
18. PROPOSED SIGN MOUNTING AND BASE WITH BOLLARD (REF. SITE DETAILS).
19. PROPOSED SITE BOLLARD (REF. SITE DETAILS).
20. EXISTING LIGHT POLE AND BASE TO REMAIN.
21. EXISTING FIRE HYDRANT TO REMAIN AND TO BE PROTECTED DURING CONSTRUCTION.
22. EXISTING GREASE INTERCEPTOR TO REMAIN AND BE PROTECTED DURING CONSTRUCTION.
23. PROPOSED SAWCUT LINE.
24. EXISTING CONCRETE SIDEWALK TO BE REMOVED.
25. EXISTING ASPHALT TO BE REMOVED.
26. PROPOSED CONCRETE SIDEWALK (REF. SITE DETAILS).
27. PROPOSED ASPHALT PAVEMENT (REF. SITE DETAILS).
28. PROPOSED BUILDING EXPANSION (REF. ARCH. PLANS).
29. PROPOSED "ONE WAY ONLY" SIGNAGE (REF. SITE DETAILS).
30. EXISTING PICKUP STALL STRIPING & NUMBERING MARKING TO BE REMOVED.
31. PROPOSED STOP BAR AND STOP TEXT (REF. SITE DETAILS).
32. PROPOSED OPEN ARROW PAVEMENT MARKING (REF. SITE DETAILS).
33. PROPOSED 30"X30" STOP SIGN (REF. SITE DETAILS).
34. EXISTING SIGNAGE WITH BASE TO BE REMOVED.
35. EXISTING PICKUP DIRECTIONAL SIGNAGE TO BE REMOVED (REF. SITE SIGNAGE PLAN).
36. PROPOSED DO NOT ENTER SIGN (REF SITE DETAILS).
37. PROPOSED CURB AND GUTTER (REF. SITE DETAILS).
38. EXISTING CURB AND GUTTER TO BE REMOVED.
39. PROPOSED LANDSCAPING (REF. LANDSCAPE PLANS L1.0 AND L1.1).
40. EXISTING SITE LIGHT AND POST TO BE RELOCATED, LIGHT AND POST TO BE SALVAGED, BASE TO BE REMOVED.
41. EXISTING BUILDING CANOPY AND COLUMNS TO BE MODIFIED PER ARCHITECTURAL PLANS.
42. PROPOSED 2' CHASE.
43. PROPOSED SITE LIGHT WITH YELLOW BASE (REF. ELECTRICAL SHEET E1.2)
44. EXISTING CONCRETE RAMP FLARE TO BE REMOVED.
45. PROPOSED CONCRETE RAMP FLARE (REF. CS-4, GRADING PLAN). ⚠1
46. EXISTING BIKE RACK TO REMAIN.
47. ⚠1 PROPOSED 5' CROSSWALK
48. EXISTING ADA RAMP TO BE REMOVED.
49. EXISTING 12" CPP STORM SEWER LINE TO BE REMOVED.
50. EXISTING CURB INLET STRUCTURE TO REMAIN.
51. PROPOSED ADA RAMP (REF. SITE DETAILS).
52. PROPOSED 12" CPP STORM SEWER LINE (REF. UTILITY PLAN).
53. PROPOSED AREA INLET TO BE INSTALLED PER CITY OF PUYALLUP STANDARDS AND SPECIFICATIONS (REF. UTILITY PLAN).
54. PROPOSED OUTLET STRUCTURE (REF. UTILITY PLAN).
55. ⚠1 EXISTING CART CORRAL TO BE RELOCATED. CONTRACTOR TO COORDINATE WITH STORE MANAGER FOR STORAGE AND NEW LOCATION.



GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)

1 inch = 20 ft.

Galloway
750 Trossachs Blvd
Sammamish, WA 98074
(425) 867-1802

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

STIPULATION FOR REUSE

THIS DRAWING WAS PREPARED FOR USE ON A SPECIFIC SITE AT: 310 31ST AVE SE PUYALLUP, WA IT IS STRICTLY PROHIBITED FOR ANY PERSON TO REUSE OR ALLOW THE REUSE OF ALL OR A PART OF THIS DRAWING FOR AN EXAMPLE ON ANOTHER PROJECT OR SITE WITHOUT THE EXPRESS WRITTEN CONSENT OF GALLOWAY. ANY UNAUTHORIZED REUSE OF THESE DRAWINGS WILL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO THE LAW.

Walmart
PUYALLUP, WA
310 31ST AVE SE
STORE NO. 02403-278
JOB NUMBER: WDP02403.20 PROTO: PICKUP ENHNCMNT

ISSUE BLOCK

⚠	CCD#7	07/02/2024
⚠	CCD#8	02/12/2025

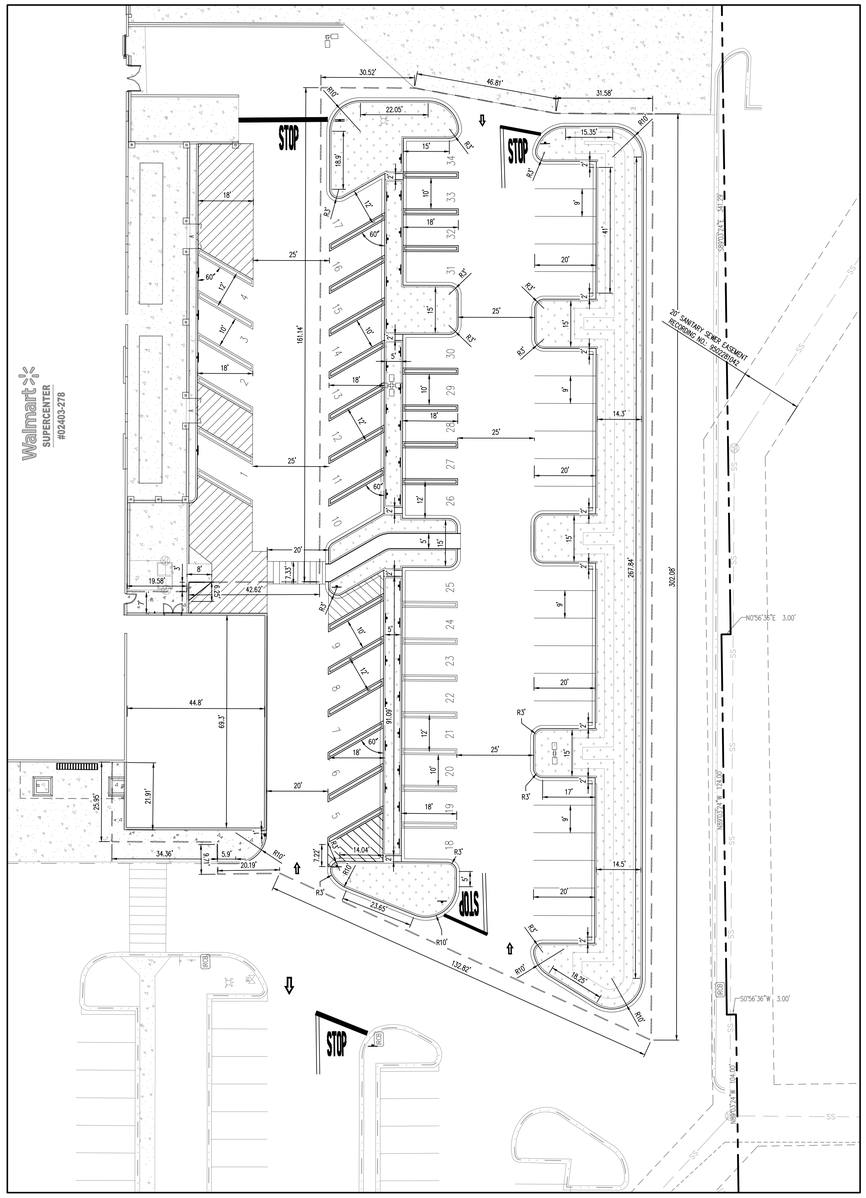
CHECKED BY:	RCJ
DRAWN BY:	JRC
PROTO CYCLE:	–
DOCUMENT DATE:	09/08/21

BRANDON ALLEN
STATE OF WASHINGTON
56680
REGISTERED
PROFESSIONAL ENGINEER
02/11/2025

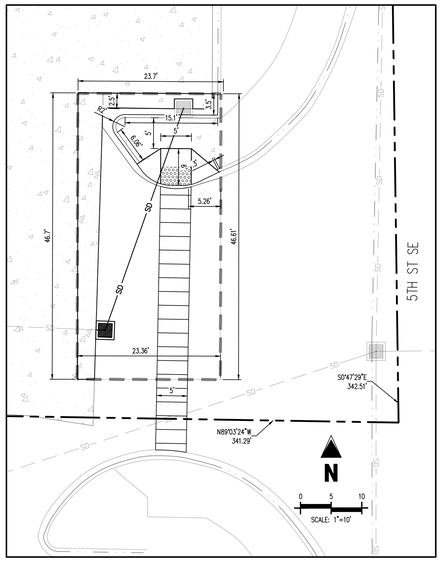
PICKUP DEMOLITION & SITE PLAN

SHEET: CS1

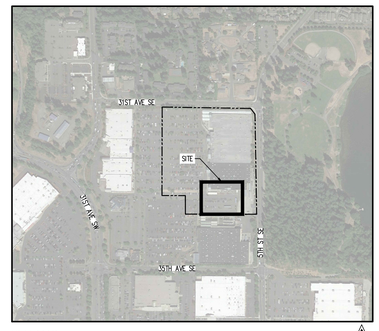
PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY



HORIZONTAL CONTROL PLAN
APPROX. 1" = 20'



5TH ST SE INGRESS/EGRESS - HORIZONTAL CONTROL PLAN
APPROX. 1" = 10'



KEY MAP
APPROX. 1" = 500'

LEGEND

- PROPERTY BOUNDARY LINE
- PROPOSED SAWCUT LINE
- EXISTING BUILDING
- EXISTING CURB AND GUTTER TO REMAIN
- PROPOSED CURB AND GUTTER
- EXISTING ASPHALT PAVEMENT TO REMAIN
- EXISTING CONCRETE PAVEMENT TO REMAIN
- PROPOSED CONCRETE PAVEMENT
- PROPOSED SIGN
- PROPOSED BOLLARD

BENCHMARK INFORMATION

ON SITE BENCHMARK: MAG NAIL
NAVD88 ELEVATION = 445.61'

SITE NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
3. ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
4. EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED OR RELOCATED AS NECESSARY. ALL COST SHALL BE INCLUDED IN BASE BID.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, (UNLESS OTHERWISE NOTED ON PLANS) INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES REQUIREMENTS AND PROJECT SITE WORK SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
6. THE SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED "THE SITE SPECIFIC SPECIFICATIONS".

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

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

STIPULATION FOR REUSE
THIS DRAWING WAS PREPARED FOR USE ON A SPECIFIC SITE AT: 310 31ST AVE SE, PUYALLUP, WA 98374 CONTEMPORANEOUSLY WITH IT'S ISSUE DATE. IT IS NOT SUITABLE FOR REUSE FOR USE ON ANOTHER PROJECT, AT ANOTHER SITE, BY ANOTHER ARCHITECT OR A DIFFERENT BUILDING DESIGNER. LICENSED ARCHITECTS AND ENGINEERS ARE RESPONSIBLE FOR PROFESSIONAL WORK PRODUCED BY THEM. ANY UNAUTHORIZED REUSE ON ANOTHER PROJECT IS NOT THE RESPONSIBILITY OF THE A/E EXPERT TO THE LAW.

Walmart
PUYALLUP, WA
310 31ST AVE SE
STORE NO: 02403-278
JOB NUMBER:WDP002403.20 PROTO: PICKUP ENHNCMNT

ISSUE BLOCK

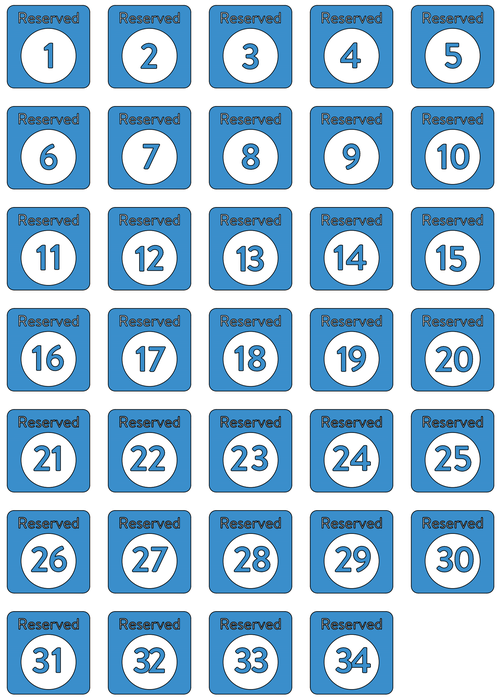
1	CCD#7	07/02/2024

CHECKED BY:	RCJ
DRAWN BY:	JRC
PROTO CYCLE:	–
DOCUMENT DATE:	09/08/21

BRANDON ALLEN
STATE OF WASHINGTON
56686
REGISTERED
PROFESSIONAL ENGINEER
06/28/2024

HORIZONTAL CONTROL PLAN

SHEET:
CS1A



Stall Designation Signs
18" x 18" 2.25 SF

Logo Signs (Large)
Also Pickup Hours sign size
36" x 18"

SIGNS FURNISHED BY WALMART, ATTACHMENT TO WALL OR BOLLARD BY G.C.

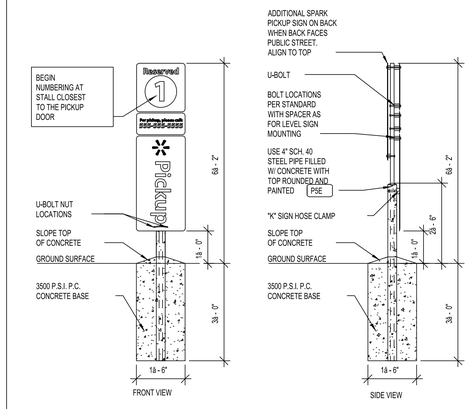
Logo Signs (Small)
18" x 8" 1.00 SF

Call In Sign
18" x 8" 1.00 SF

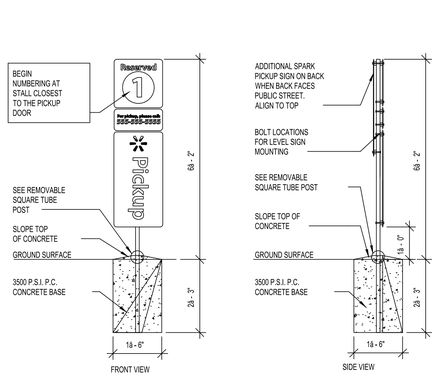
Parking Stall Placard

Directional Signs (Left / Straight / Right)
18" x 24" 3.00 SF

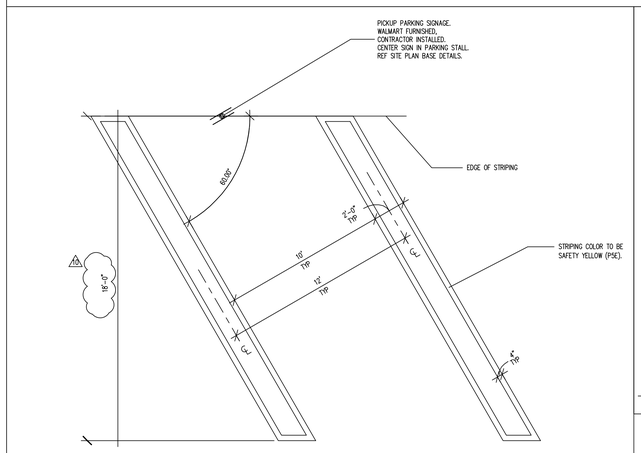
"PICKUP" SIGNAGE



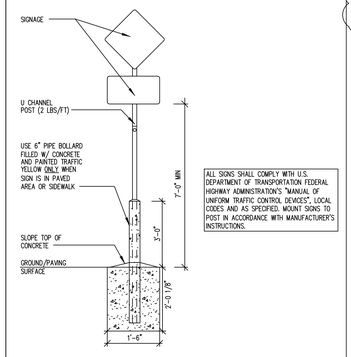
PICKUP SIGN MOUNTING AND BASE WITH BOLLARD



PICKUP SIGN MOUNTING AND BASE

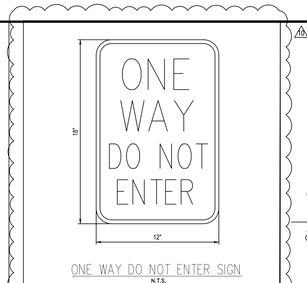


PARKING STALL 18° ANGLED
NOT TO SCALE

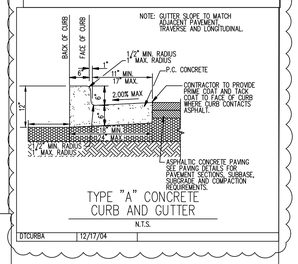


ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

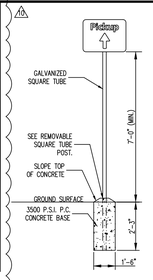
SIGNAGE SITE WITH NEW BASE



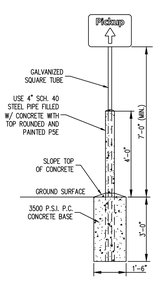
ONE WAY DO NOT ENTER SIGN
N.T.S.



TYPE "A" CONCRETE CURB AND GUTTER
N.T.S.

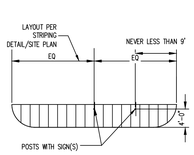


TYPICAL DIRECTIONAL SIGNAGE IN CURBED ISLAND

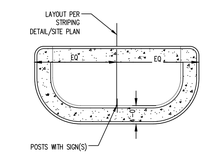


TYPICAL DIRECTIONAL SIGNAGE IN PAVEMENT

NOTES:
1. ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

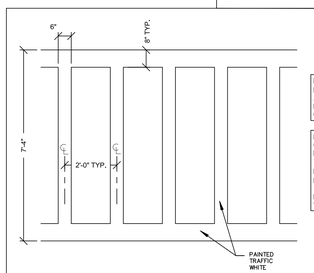


PAINTED ENDCAP – 90° SIGN LOCATIONS – 90° PARKING



CURBED ISLAND – 90° SIGN LOCATIONS – 90° PARKING

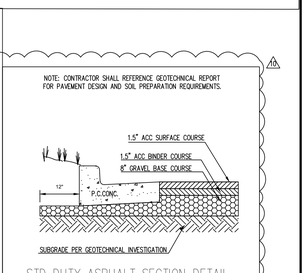
SIGNAGE DIRECTIONAL SITE MOUNTING AND BASE



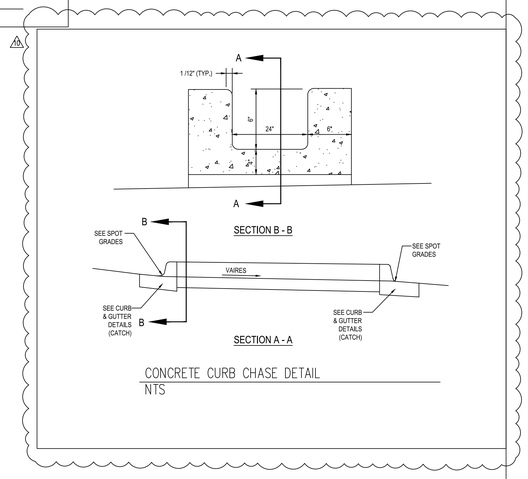
PICKUP CROSSWALK MARKING
N.T.S.

NOTE TO GC: INSTALL SEAL COAT ON EXISTING ASPHALT/CONCRETE PAVING AT ENTIRE CROSSWALK AREA AND ENTIRE PARKING AREA THAT IS PART OF THE PICKUP SCOPE OF WORK.

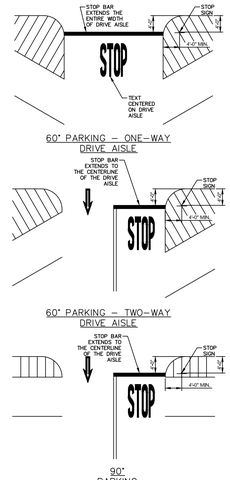
NOTE TO GC: CROSSWALK TO BE CENTERED ON ETR RAMP. IF RAMP DROPPED CURB WIDTH IS LESS THAN 7'-4", THEN THE RAMP SHOULD BE REPLACED. IF A "STOP FOR PEDESTRIANS" SIGN IS NOT PRESENT, THEN THE G.C. TO PROVIDE AND INSTALL A MUTCD SIGN R1-5b OR M11-2. MATCH EXISTING ON SITE.



STD DUTY ASPHALT SECTION DETAIL
N.T.S.



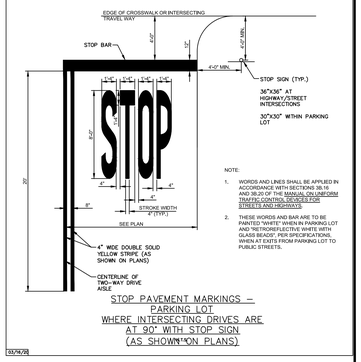
CONCRETE CURB CHASE DETAIL
NTS



60° PARKING – ONE-WAY DRIVE AISLE

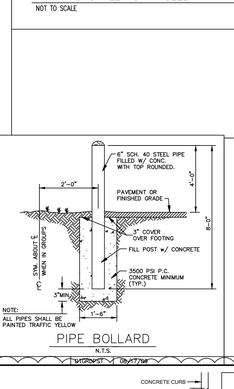
60° PARKING – TWO-WAY DRIVE AISLE

90° PARKING



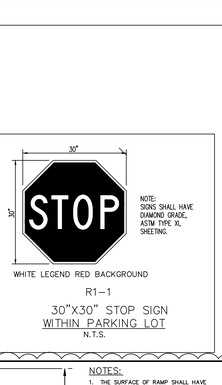
NOTE:
1. WORDS AND LINES SHALL BE APPLIED IN ACCORDANCE WITH SECTIONS 3B.16 AND 3B.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. THESE WORDS AND BAR ARE TO BE PAINTED "WHITE" WHEN IN PARKING LOT AND "RETROREFLECTIVE WHITE WITH GLASS BEADS", PER SPECIFICATIONS, WHEN AT EXITS FROM PARKING LOT TO PUBLIC STREETS.

STOP PAVEMENT MARKINGS – PARKING LOT WHERE INTERSECTING DRIVES ARE AT 90° WITH STOP SIGN (AS SHOWN ON PLANS)



NOTE:
ALL PIPES SHALL BE PAINTED TRAFFIC YELLOW

PIPE BOLLARD
N.T.S.



NOTE:
SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

WHITE LEGEND RED BACKGROUND
R1-1
30"X30" STOP SIGN WITHIN PARKING LOT
N.T.S.

HEAD-IN PARKING STALL 18'
N.T.S.

PLAN

NOTES:
1. THE SURFACE OF RAMP SHALL HAVE DETECTABLE WARNINGS AS SHOWN. DETECTABLE WARNINGS SHALL CONSIST OF RAISED TRUNCATED DOMES. SEE DETECTABLE WARNINGS DETAIL.
2. RAMP SIDE SLOPE VARIES UNIFORMLY FROM A MAXIMUM OF UP TO 10% AT CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO TOP OF THE RAMP.
3. CONSTRUCT PER A.D.A. STANDARDS.
4. REFER TO PLANS FOR ADJACENT SLOPES.
5. THE CROSS SLOPE OF THE RAMP SURFACE SHALL BE NO GREATER THAN 1:50.

NOTE: PREFABRICATED PANELS PER A.D.A. ACCESSIBILITY GUIDELINES SECTION 4.29.2 & A4.29.2 SHALL BE USED.

DETECTABLE WARNINGS DETAIL

SECTION A–A'

ADA RAMP IN SIDEWALK
N.T.S.

ADA RAMP IN SIDEWALK | 03/14/08

CONCRETE SIDEWALK
N.T.S.

FINISH LEGEND

P76	WALMART BLUE SW6076
P5E	SAFETY YELLOW

"PICKUP" PAVEMENT NUMBERS
N.T.S.

NOTE: SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

LEGEND, BORDER – BLACK
BACKGROUND – WHITE (RETROREFLECTIVE)
STOP SYMBOL – RED (RETROREFLECTIVE)

R1-5b
STOP FOR PEDESTRIANS
N.T.S.

NOTES:
1. ARROWS SHALL BE APPLIED IN ACCORDANCE WITH SECTION 3B.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. OPEN ARROWS SHALL CONSIST OF A 4" PERIMETER STRIPE.

OPEN ARROW PAVEMENT MARKINGS (MODIFIED)
N.T.S.

PRCA20231436 - Revision 1:
RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY. DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY

Galloway
155 Filbert Street, Suite 208
Canton, GA 30114
770.800.2300
GallowayUS.com

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

STIPULATION FOR REUSE

THIS DRAWING WAS PREPARED FOR USE ON A SPECIFIC SITE AT CENTUM/WADDELL, AND IT IS STRICTLY FORBIDDEN TO USE IT ON ANY OTHER PROJECT. PURCHASER FOR USE ON A DIFFERENT PROJECT OR BY A DIFFERENT PERSON OR FIRM IS PROHIBITED. THE PURCHASER OF A COPY OF THIS DRAWING AGREES TO INDEMNIFY AND HOLD HARMLESS THE ARCHITECTS AND ENGINEERS FROM ANY AND ALL CLAIMS ARISING FROM REUSE ON ANOTHER PROJECT IS NOT LIMITED TO, BUT INCLUDES, CLAIMS UNDER THE LAW.

Walmart
PUYALLUP, WA
310 31ST AVE SE
STORE NO: 02403-278
JOB NUMBER: WDP02403.20 PROTO: PICKUP ENHNCMNT

ISSUE BLOCK

1	CCD#7	07/02/2024

CHECKED BY:	RCJ
DRAWN BY:	JRC
PROTO CYCLE:	-
DOCUMENT DATE:	09/08/21

BRANDON ALLEN
STATE OF WASHINGTON
26686
REGISTERED PROFESSIONAL ENGINEER
09/25/2024

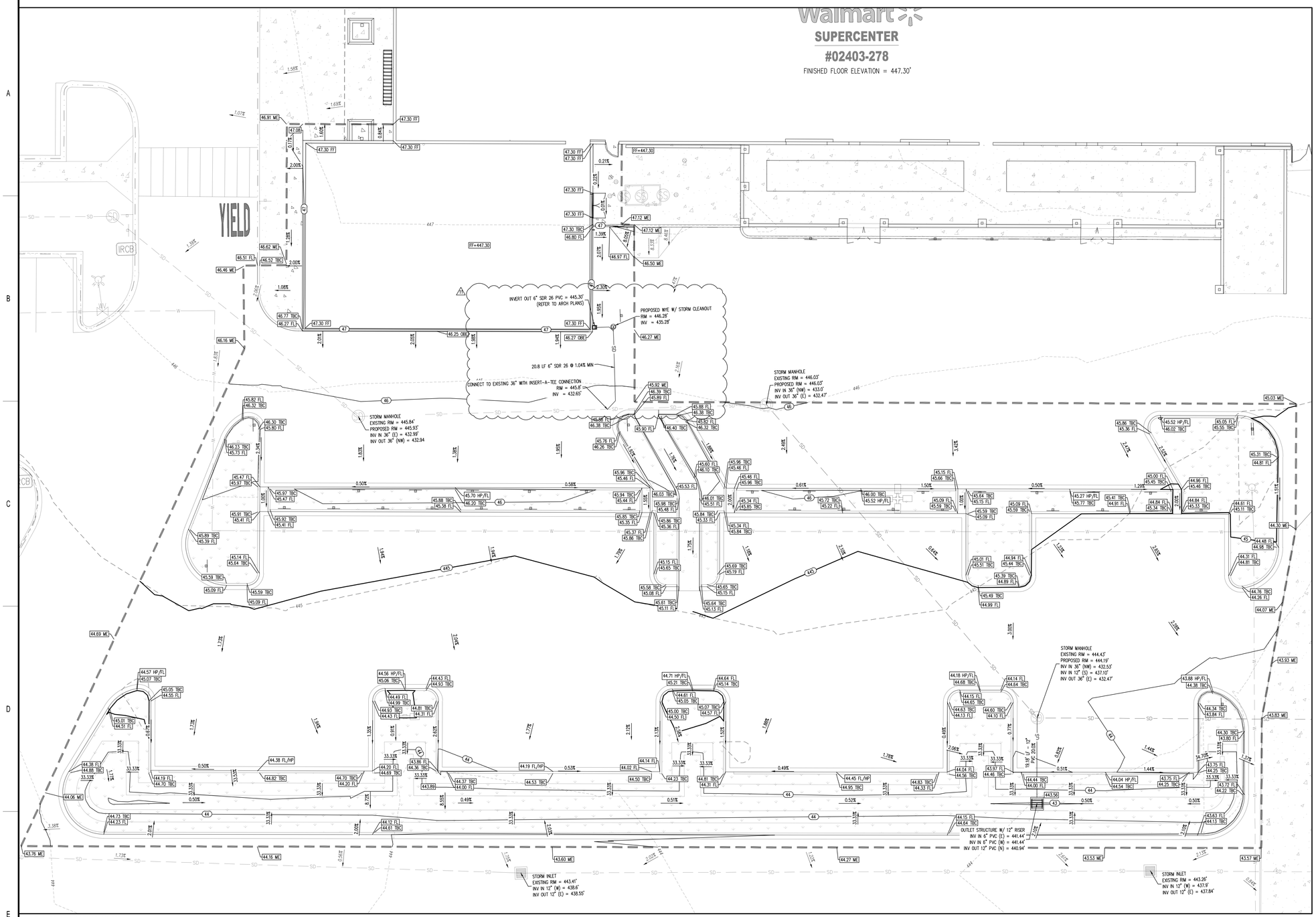
SITE DETAILS

SHEET: CS3

PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY

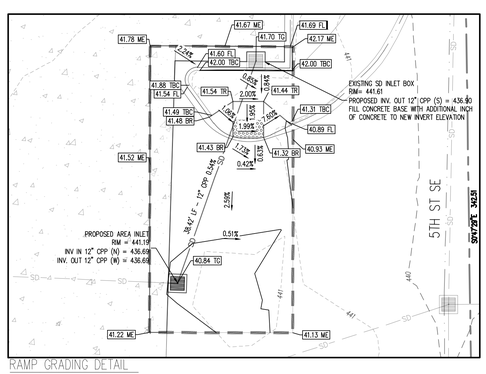
Walmart SUPERCENTER #02403-278

FINISHED FLOOR ELEVATION = 447.30'



OVERALL GRADING PLAN

APPROX. 1" = 10'

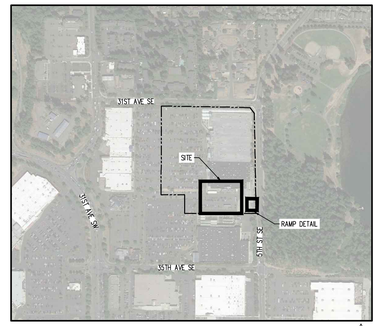


RAMP GRADING DETAIL

APPROX. 1" = 10'

STORMWATER NOTES

1. ALL WORK IN THE CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A RECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND THE APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES TO SCHEDULE THE MEETING (253) 841-5568. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN APPROVED SET OF PLANS AT THE MEETING.
2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"). WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
4. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE ENGINEERING SERVICES STAFF PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (81) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
7. ANY STRUCTURE AND/OR CONSTRUCTION WHICH REQUIRE REMOVAL OR RELOCATION RELATING TO THIS PROJECT, SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.
8. DURING CONSTRUCTION ALL EXISTING AND NEWLY INSTALLED DRAINAGE STRUCTURES SHALL BE PROTECTED FROM SEDIMENTS.
9. ALL STORM MANHOLES SHALL CONFORM TO THE CITY STANDARD DETAIL No.02.01.01. FLOW CONTROL MANHOLE/OIL WATER SEPARATOR SHALL CONFORM TO CITY STANDARD DETAIL No.02.01.06 AND 02.01.07.
10. MANHOLE RING AND COVER SHALL CONFORM TO CITY STANDARD DETAIL 06.01.02
11. CATCH BASINS TYPE I SHALL CONFORM TO CITY STANDARD DETAIL No.02.01.02 AND 02.01.03 AND SHALL BE USED ONLY FOR DEPTHS LESS THAN 5 FEET FROM TOP OF THE GRATE TO THE INVERT OF THE STORM PIPE.
12. CATCH BASINS TYPE II SHALL CONFORM TO CITY STANDARD DETAIL No.02.01.04 AND SHALL BE USED FOR DEPTHS GREATER THAN 5 FEET FROM THE TOP OF THE GRATE TO THE INVERT OF THE STORM PIPE.
13. CAST IRON OR DUCTILE IRON FRAME AND GRATE SHALL CONFORM TO CITY STANDARD DETAILS No.02.01.05. GRATE SHALL BE MARKED WITH "DRAINS TO STREAM". SOLID CATCH BASIN LIDS (SQUARE UNLESS NOTED AS ROUND) SHALL CONFORM TO WSDOT STANDARD PLAN B-30.30-04 (OLYMPIC FOUNDRY No. SM60 OR EQUAL). VANED GRATES SHALL CONFORM TO WSDOT STANDARD PLAN B-30.30-03 (OLYMPIC FOUNDRY No. SM60V OR EQUAL).
14. STORMWATER PIPE SHALL BE ONLY PVC, CONCRETE DUCTILE IRON, OR DUAL WALLED POLYPROPYLENE PIPE.
14.A. THE USE OF ANY OTHER TYPE SHALL BE REVIEWED AND APPROVED BY THE ENGINEERING SERVICES STAFF PRIOR TO INSTALLATION.
14.B. PVC PIPE SHALL BE PER ASTM D3034, SDR 35 FOR PIPE SIZE 15-INCH AND SMALLER AND F679 FOR PIPE SIZES 18 TO 27 INCH. MINIMUM COVER ON PVC PIPE SHALL BE 3.0 FEET.
14.C. CONCRETE PIPE SHALL CONFORM TO THE WSDOT STANDARD SPECIFICATIONS FOR CONCRETE UNDERDRAIN PIPE, MINIMUM COVER ON CONCRETE PIPE SHALL NOT BE LESS THAN 3.0 FEET.
14.D. DUCTILE IRON PIPE SHALL BE CLASS 50, CONFORMING TO AWWA C151. MINIMUM COVER ON DUCTILE IRON PIPE SHALL BE 1.0 FOOT.
14.E. POLYPROPYLENE PIPE (PP) SHALL BE DUAL WALLED, HAVE A SMOOTH INTERIOR AND EXTERIOR CORRUGATIONS AND MEET WSDOT 9-05.24(1). 12-INCH THOUGH 30-INCH PIPE SHALL MEET OR EXCEED ASTM F2736 AND AASHTO M330, TYPE S, OR TYPE D. TESTING SHALL BE PER ASTM F1417. MINIMUM COVER OVER POLYPROPYLENE PIPE SHALL BE 3-FEET.
15. TRENCHING, BEDDING, AND BACKFILL FOR PIPE SHALL CONFORM TO CITY STANDARD DETAIL No. 06.01.01.
16. STORM PIPE SHALL BE A MINIMUM OF 10 FEET AWAY FROM BUILDING FOUNDATIONS AND/OR ROOF LINES.
17. ALL STORM DRAIN MAINS SHALL BE TESTED AND INSPECTED FOR ACCEPTANCE AS OUTLINED IN SECTION 406 OF THE CITY OF PUYALLUP SANITARY SEWER SYSTEMS STANDARDS.
18. ALL TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES, AND PROTECTIVE MEASURES FOR CRITICAL AREAS AND SIGNIFICANT TREES SHALL BE INSTALLED PRIOR TO INITIATING ANY CONSTRUCTION ACTIVITIES.



KEY MAP

APPROX. 1" = 500'

N

GRADING LEGEND

- PROPERTY BOUNDARY LINE
- PROPOSED SAWCUT LINE
- 445 EXISTING MAJOR CONTOUR
- 446 EXISTING MINOR CONTOUR
- 445 PROPOSED MAJOR CONTOUR
- 446 PROPOSED MINOR CONTOUR
- 15.00 PROPOSED SPOT ELEVATION
- TBC PROPOSED TOP OF CURB ELEVATION
- FL PROPOSED FLOWLINE ELEVATION
- FF FINISHED FLOOR
- FG FINISHED GRADE
- ME MATCH EXISTING
- 2.00% EXISTING SLOPE
- 2.00% PROPOSED SLOPE
- SD EXISTING STORM MANHOLE
- EXISTING STORM INLET

GENERAL NOTES

1. ALL GRADES SHOWN ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
2. ALL PEDESTRIAN SIDEWALKS SHALL NOT EXCEED 2% CROSS SLOPE OR 5% LONGITUDINAL

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)

1 inch = 10 ft.

CAUTION – NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POTHOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

Galloway

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

STIPULATION FOR REUSE

THIS DRAWING WAS PREPARED FOR PERMITTING PURPOSES ONLY. IT IS SPECIFIC TO SITE, ATI PROJECT #, & CLIENT. ANY REUSE OF THESE PLANS FOR ANOTHER PROJECT, OR EXTENSIONS OF THE PROJECT, OR ANY MODIFICATIONS MADE TO THESE PLANS WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY ATI FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO ATI. ANY REUSE ON ANOTHER PROJECT IS NOT AUTHORIZED WITHOUT WRITTEN CONSENT BY THE ATI.

Walmart
PUYALLUP, WA
310 31ST AVE SE
STORE NO. 02403-278
JOB NUMBER: WDP02403.20 PROTO: PICKUP ENHNCMNT

ISSUE BLOCK

6	CCD#7	07/02/2024
1	CCD#8	02/12/2025

CHECKED BY:	RCJ
DRAWN BY:	JRC
PROTO CYCLE:	–
DOCUMENT DATE:	09/08/21

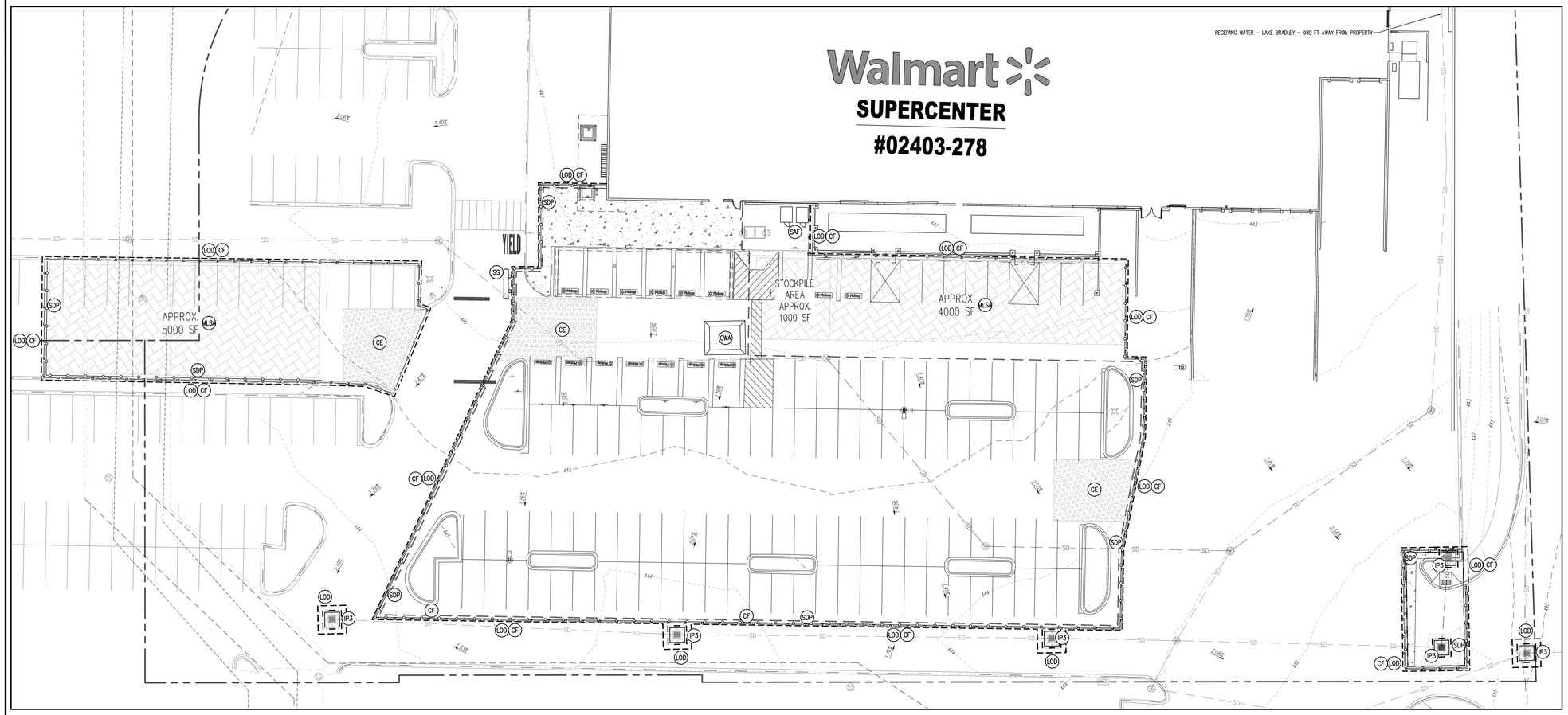
BRANDON ALLEN
STATE OF WASHINGTON
56606
REGISTERED
PROFESSIONAL ENGINEER
02/10/2025

6

GRADING PLAN

SHEET:
CS4

PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY



KEY MAP
APPROX. 1" = 200'

N

LEGEND

SITE FEATURES

- EXISTING WALMART BUILDING
- PROPERTY BOUNDARY
- 2560 — EXISTING MAJOR CONTOUR
- 2552 — EXISTING MINOR CONTOUR
- PROPOSED SAWCUT LINE
- 4.08% EXISTING FLOW DIRECTION AND SLOPE
- CF (CF) CONSTRUCTION FENCE (REF SWPPP DETAILS)

EROSION DETAILS

- (LOD) LIMITS OF DISTURBANCE
- (SDP) SILT DIKE ON PAVEMENT
- (IP) INLET PROTECTION
- (SS) SWPPP INFORMATION SIGN (REF. SWPPP DETAILS)
- (MLSA) MATERIAL LAYDOWN AND STORAGE AREA
- (VTC) CONSTRUCTION EXIT
- (SAF) SANITARY FACILITIES
- (CWA) CONCRETE WASHOUT AREA

GRAPHIC SCALE

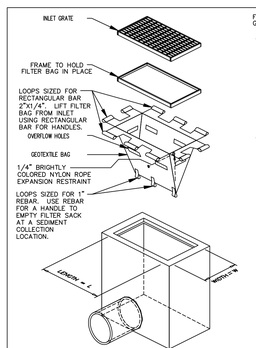
0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

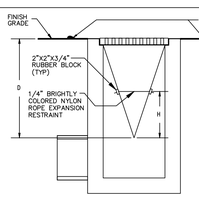
LIMITS OF DISTURBANCE TABLE		
TOTAL LOD = 65,350 SF/ 1.5 ACRES		
	EXISTING	PROPOSED
PERVIOUS AREA WITHIN LOD	1,885 SF/ 0.04 ACRES	8,323 SF/ 0.19 ACRES
IMPERVIOUS AREA WITHIN LOD	63,465 SF/ 1.46 ACRES	29,634.9 SF / 1.31 ACRES

GRADING, EROSION AND SEDIMENTATION CONTROL NOTES:

1. ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES TO SCHEDULE THE MEETING (253) 841-5568. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN APPROVED SET OF PLANS AT THE MEETING.
2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
4. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE CITY ENGINEER PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKINGS DAYS HOURS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
7. ALL LIMITS OF CLEARING AND AREAS OF VEGETATION PRESERVATION AS PRESCRIBED ON THE PLANS SHALL BE CLEARLY FLAGGED IN THE FIELD AND OBSERVED DURING CONSTRUCTION.
8. ALL REQUIRED SEDIMENTATION AND EROSION CONTROL FACILITIES MUST BE CONSTRUCTED AND IN OPERATION PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE NATURAL DRAINAGE SYSTEM. THE CONTRACTOR SHALL SCHEDULE AND INSPECTION OF THE EROSION CONTROL FACILITIES PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION. ALL EROSION AND SEDIMENT FACILITIES SHALL BE MAINTAINED IN A SATISFACTORY CONDITION AS DETERMINED BY THE CITY, UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED. THE IMPLEMENTATION, MAINTENANCE, REPLACEMENT, AND ADDITIONS TO THE EROSION AND SEDIMENTATION CONTROL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE PERMITTEE.
9. THE EROSION AND SEDIMENTATION CONTROL SYSTEM FACILITIES DEPICTED ON THESE PLANS ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES AND UNEXPECTED OR SEASONAL CONDITION DICTATE, FACILITIES WILL BE NECESSARY TO ENSURE COMPLETE SILTATION CONTROL ON THE SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE OBLIGATION AND RESPONSIBILITY OF THE PERMITTEE TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY THEIR ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES, OVER AND ABOVE THE MINIMUM REQUIREMENTS, AS MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES, SENSITIVE AREAS, NATURAL WATER COURSES, AND/OR STORM DRAINAGE SYSTEMS.
10. APPROVAL OF THESE PLANS IS FOR GRADING, TEMPORARY DRAINAGE, EROSION AND SEDIMENTATION CONTROL ONLY. IT DOES NOT CONSTITUTE AND APPROVAL OF PERMANENT STORM DRAINAGE DESIGN, SIZE OR LOCATION OF PIPES, RESTRICTORS, CHANNELS, OR RETENTION FACILITIES.
11. ANY DISTURBED AREA WHICH HAS BEE STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 30 DAYS OR MORE, MUST BE IMMEDIATELY STABILIZED WITH MULCHING, GRASS PLANTING, OR OTHER APPROVED EROSION CONTROL TREATMENT APPLICABLE TO THE TIME OF YEAR IN QUESTION. GRASS SEEDING ALONE WILL BE ACCEPTABLE ONLY DURING THE MONTHS OF APRIL THROUGH SEPTEMBER INCLUSIVE. SEEDING MAY PROCEED OUTSIDE THE SPECIFIED TIME PERIOD WHENEVER IT IS IN THE INTEREST OF THE PERMITTEE BUT MUST BE AUGMENTED WITH MULCHING, NETTING, OR OTHER TREATMENT APPROVED BY THE CITY.
12. IN CASE EROSION OR SEDIMENTATION OCCURS TO ADJACENT PROPERTIES, ALL CONSTRUCTION WORK WITHIN THE DEVELOPMENT THAT WILL FURTHER AGGRAVATE THE SITUATION MUST CEASE, AND THE OWNER/CONTRACTOR WILL IMMEDIATELY COMMENCE RESTORATION METHODS. RESTORATION ACTIVITY WILL CONTINUE UNTIL SUCH TIME AS THE AFFECTED PROPERTY OWNER IS SATISFIED.
13. NO TEMPORARY OR PERMANENT STOCKPILING OF MATERIALS OR EQUIPMENT SHALL OCCUR WITHIN CRITICAL AREAS OR ASSOCIATED BUFFERS, OR THE CRITICAL ROOT ZONE FOR VEGETATION PROPOSED FOR RETENTION.



ISOMETRIC VIEW



SECTION VIEW
(FILTER SACK INSTALLED)

NOTES:
1. GEOTEXTILE SHALL BE A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS REQUIREMENTS IN THE SPECIFICATIONS TABLE.
2. PLACE AN OIL ABSORBENT PAD OR PILLOW OVER INLET GRATE WHEN OIL SPILLS ARE A CONCERN.
3. THE WIDTH, "W", OF THE FILTER SACK SHALL MATCH THE INSIDE WIDTH OF THE GRATED INLET BOX.
4. THE DEPTH, "D", OF THE FILTER SACK SHALL BE BETWEEN 18 INCHES AND 36 INCHES.
5. THE LENGTH, "L", OF THE FILTER SACK SHALL MATCH THE INSIDE LENGTH OF THE GRATED INLET BOX.

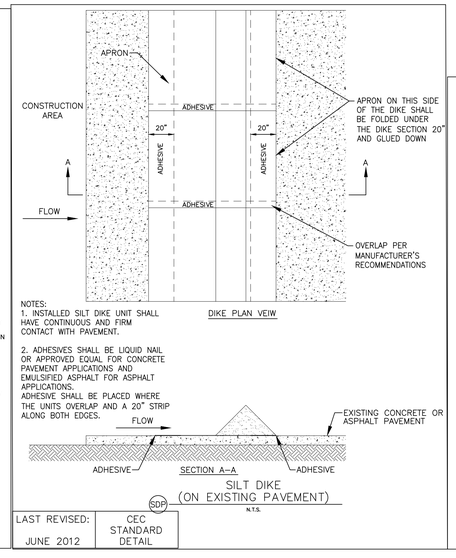
MAINTENANCE NOTES:
1. INLET PROTECTION DEVICES MUST BE INSPECTED FOR SEDIMENT ACCUMULATION WITHIN THE CATCH BASIN. REMOVE TRAPPED SEDIMENT WHEN BRIGHTLY COLORED EXPANSION RESTRAINT CAN NO LONGER BE SEEN.
2. REMOVAL OF SEDIMENT ACCUMULATED IN OR ADJACENT TO A STORM DRAIN INLET MUST BEGIN IMMEDIATELY UPON DISCOVERY, WITH COMPLETION OF THE ACTIVITY OCCURRING NO LATER THAN THE END OF THE FOLLOWING BUSINESS DAY.
3. INLET PROTECTION DEVICES SHALL BE INSPECTED FOR UNINTENDED BYPASS OR IMPROPER FLOW-RATES THAT MAY CAUSE DOWNSTREAM FLOODING.
4. CONTACT THE CEC FOR ALTERNATE INLET PROTECTION IF THE DESIGNED PROTECTION MAY IMPACT DOWNSTREAM BMPS, ADJACENT SLOPES, ETC., DUE TO PONDING ISSUES. ENSURE THAT NO UNDERMINING OF INLET PROTECTION DEVICES HAS OCCURRED.
5. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.

LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	120 LBS
MULLEN BURST	ASTM D-3786	600 PSI
TRAPEZOID TEAR	ASTM D-4533	120 LBS
U.V. RESISTANCE	ASTM D-4355	70 %
APPARENT OPENING SIZE	ASTM D-4751	40 US SIEVE
FLOW RATE	ASTM D-4491	40 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	0.50 SEC $^{-1}$

MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	135 LBS
MULLEN BURST	ASTM D-3786	420 PSI
TRAPEZOID TEAR	ASTM D-4533	90 LBS
U.V. RESISTANCE	ASTM D-4355	70 %
APPARENT OPENING SIZE	ASTM D-4751	20 US SIEVE
FLOW RATE	ASTM D-4491	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	1.5 SEC $^{-1}$

(IP3) INLET PROTECTION FILTER SACK
N.T.S.

FOR USE ONLY IN PAVED AREAS WHERE SEDIMENT LOADS ARE EXPECTED TO BE VERY LOW. FILTER SACK MUST HAVE OVERFLOW HOLES TO PREVENT PONDING.



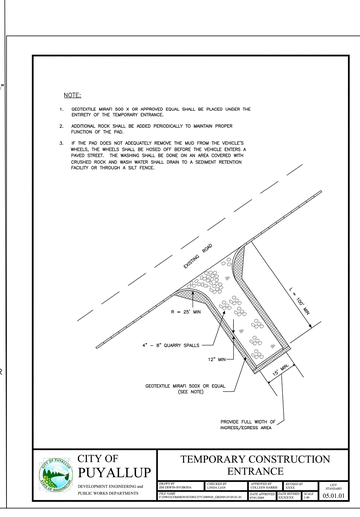
DIKE PLAN VIEW

NOTES:
1. INSTALLED SILT DIKE UNIT SHALL HAVE CONTINUOUS AND FIRM CONTACT WITH PAVEMENT.

2. ADHESIVES SHALL BE LIQUID NAIL OR APPROVED EQUAL FOR CONCRETE PAVEMENT APPLICATIONS AND EMULSIFIED ASPHALT FOR ASPHALT APPLICATIONS.
ADHESIVE SHALL BE PLACED WHERE THE UNITS OVERLAP AND A 20" STRIP ALONG BOTH EDGES.

SECTION A–A
N.T.S.

LAST REVISED:	CEC STANDARD DETAIL
JUNE 2012	



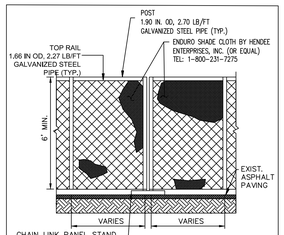
TYPICAL ONE–LANE LAYOUT

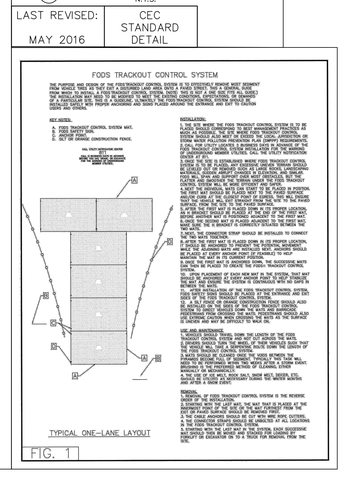
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

TEMPORARY CONSTRUCTION ENTRANCE

LAST REVISED:	CEC STANDARD DETAIL
MAY 2016	

FIG. 1





TYPICAL

SWPPP UPDATES AND AMENDMENTS

THE GC MUST UPDATE THE SWPPP, INCLUDING THE WEBSITE BINDER AND SITE MAPS, TO REFLECT THE PROGRESS OF CONSTRUCTION ACTIVITIES AND GENERAL CHANGES TO THE PROJECT SITE. UPDATES SHALL BE MADE DAILY TO TRACK PROGRESS WHEN ANY OF THE FOLLOWING ACTIVITIES OCCUR: BMP INSTALLATION, MODIFICATION OR REMOVAL, CONSTRUCTION ACTIVITIES (E.G., PAVING, STORM SEWER INSTALLATION, FOOTING INSTALLATION, ETC.), CLEARING, GRUBBING OR GRADING, OR TEMPORARY OR PERMANENT STABILIZATION.

IMPORTANT:
THE GENERAL CONTRACTOR MUST SUBMIT A REQUEST FOR INFORMATION (RFI) TO THE CEC AND OBTAIN WRITTEN CEC APPROVAL BEFORE DOING ANY OF THE FOLLOWING:

1. MODIFYING EROSION OR SEDIMENT CONTROL BMPS (SUBSTITUTIONS ARE TYPICALLY ONLY APPROVED IF SPECIFIED MATERIALS ARE NOT AVAILABLE OR THERE IS A VALID REASON THE SPECIFIED BMP WILL NOT WORK)
2. ADDING/DELETING EROSION OR SEDIMENT CONTROL BMPS;
3. MODIFYING THE SWPPP IMPLEMENTATION SEQUENCE; OR
4. PERFORMING ANY ACTIONS OR IN ANY MANNER THAT IS CONTRARY TO THE SWPPP.

THE CONTRACTOR MAY MODIFY OR ADD ADDITIONAL BMPS, WITHOUT CEC APPROVAL, IN AN EMERGENCY SITUATION TO PREVENT SEDIMENT DISCHARGE OR PROTECT WATER QUALITY; HOWEVER, GC MUST NOTIFY THE CEC AS SOON AS PRACTICAL AS TO THEIR ACTIONS TO DISCUSS THE NEED FOR ADDITIONAL OR SUPPLEMENTAL MEASURES AND TO OBTAIN THE REQUIRED APPROVALS. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE TO ENSURE COMPLIANCE WITH THE PERMIT AND PROTECTION OF DOWNSTREAM WATER QUALITY.

AMENDING THE SWPPP DOES NOT MEAN THAT IT HAS TO BE REPRINTED. IT IS ACCEPTABLE TO ADD ADDENDA, SKETCHES, NEW SECTIONS, DETAILS, AND/OR REVISED DRAWINGS THAT HAVE THE CEC NAME IN PRINT, ARE STAMPED, SIGNED, DATED, AND ARE ACCOMPANIED BY WRITTEN COPY OF THE ASSOCIATED RFI AND ITS RESPONSE FROM CEC. ENGINEERED ITEMS MUST BE SIGNED AND STAMPED BY THE CEC OF RECORD FOR THE PROJECT.

NOTE TO GENERAL CONTRACTOR:

PRIOR TO CONSTRUCTION, GC MUST CLEARLY DELINEATE AND MARK OFF AREAS IDENTIFIED IN THE SWPPP OR IN THE FIELD TO BE PROTECTED (SUCH AS, NATURAL BUFFERS, TREES, HABITATS OF ENDANGERED/THREATENED SPECIES, HISTORIC PROPERTIES, ETC.)

MINIMIZATION OF DISTURBED AREAS:

1. CONTRACTOR SHALL MANAGE CONSTRUCTION ACTIVITIES TO REDUCE EROSION AND RETAIN SEDIMENT AND OTHER POLLUTANTS IN THE SOIL AT THE CONSTRUCTION SITE.
2. CONTRACTOR SHALL MINIMIZE THE TIME BARE SOIL IS EXPOSED.
3. CONTRACTOR SHALL MINIMIZE SITE DISTURBANCE BY MINIMIZING THE EXTENT OF GRADING AND CLEARING TO EFFECTIVELY REDUCE SEDIMENT YIELD.

NOTE TO GC: OWNER HAS AUTHORITY AT ANY TIME TO LIMIT SURFACE AREA OF ERODIBLE EARTH MATERIAL EXPOSED BY CLEARING AND GRUBBING, EXCAVATION, BORROW AND EMBANKMENT OPERATIONS AND TO DIRECT THE GC TO PROVIDE IMMEDIATE PERMANENT OR TEMPORARY POLLUTION CONTROL MEASURES.

VERTICAL DATUM

VERTICAL DATUM IS BASED UPON A CPS OBSERVATION USING AN OPUS SOLUTION TO DETERMINE THE ELEVATION OF THE PROJECT SITE AND IS BASED ON THE NAVD88 DATUM.

BENCHMARK

ELEVATIONS ARE BASED PER ON–SITE BENCHMARK – MAG NAIL, ELEVATION = 445.61' NAVD88

BASIS OF BEARING

THE LINE BETWEEN THE NORTHEAST CORNER OF THE NORTHWEST QUARTER, OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 19 NORTH, RANGE 4 EAST, WM WHICH BEARS N87°36'47"W.

CAUTION – NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.

811 Know what's below. Call before you dig.

2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POTHOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

DEVELOPER/OWNER:
WAL-MART REAL ESTATE BUSINESS TRUST
72716-5570
702 SW 8TH STREET
MAIL STOP 0505
BENTONVILLE, AR 72716
(479) 360-4749

SITE OPERATOR/GENERAL CONTRACTOR:

SUPERINTENDENT:

IMPORTANT: GC MUST SIGN ALL PLAN SHEETS AND ANY NEW PLAN SHEETS ISSUED BY THE CEC.

Galloway
5500 Greenwood Plaza Blvd, Suite 200
Greenwood Village, CO 80111
303.770.8884
GallowayUS.com

STIPULATION FOR REUSE

THIS DRAWING WAS PREPARED FOR USE ON A SPECIFIC SITE AT CENTERPOINT/PUYALLUP, WITH IT'S STRUCTURES AND IMPROVEMENTS AS SHOWN. ANY PARTIAL OR COMPLETE REUSE OF THIS DRAWING BY ANY PARTY FOR ANY PURPOSE OTHER THAN AS AN EXACT REPRESENTATION OF THE SPECIFIC SITE AT THE TIME OF PREPARATION, OR ANY ALTERATION OF THE DRAWING, OR ANY REUSE ON ANOTHER PROJECT IS NOT AUTHORIZED BY GALLOWAY AND SHALL BE AT THE SOLE RISK OF THE PARTY REUSING THE DRAWING OR PORTION THEREOF. ANY REUSE OF THE DRAWING WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY GALLOWAY FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO GALLOWAY. ANY USER OF THIS DRAWING FOR ANY REUSE AGREES TO INDEMNIFY AND HOLD HARMLESS GALLOWAY FROM ALL CLAIMS, DAMAGES, LOSSES, AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM. ANY REUSE OF THIS DRAWING WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY GALLOWAY FOR THE SPECIFIC PURPOSE INTENDED SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO GALLOWAY. ANY USER OF THIS DRAWING FOR ANY REUSE AGREES TO INDEMNIFY AND HOLD HARMLESS GALLOWAY FROM ALL CLAIMS, DAMAGES, LOSSES, AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM. THIS STIPULATION FOR REUSE SHALL BE GOVERNED BY THE LAWS OF THE STATE OF COLORADO.

Walmart
PUYALLUP, WA
310 31ST AVE SE
STORE NO: 02403-278
JOB NUMBER: WDP002403.20 PROTO: PICKUP ENHNCMNT

ISSUE BLOCK

1	CCD#7	07/02/2024

CHECKED BY:	RCJ
DRAWN BY:	MMC
PROTO CYCLE:	–
DOCUMENT DATE:	09/08/21

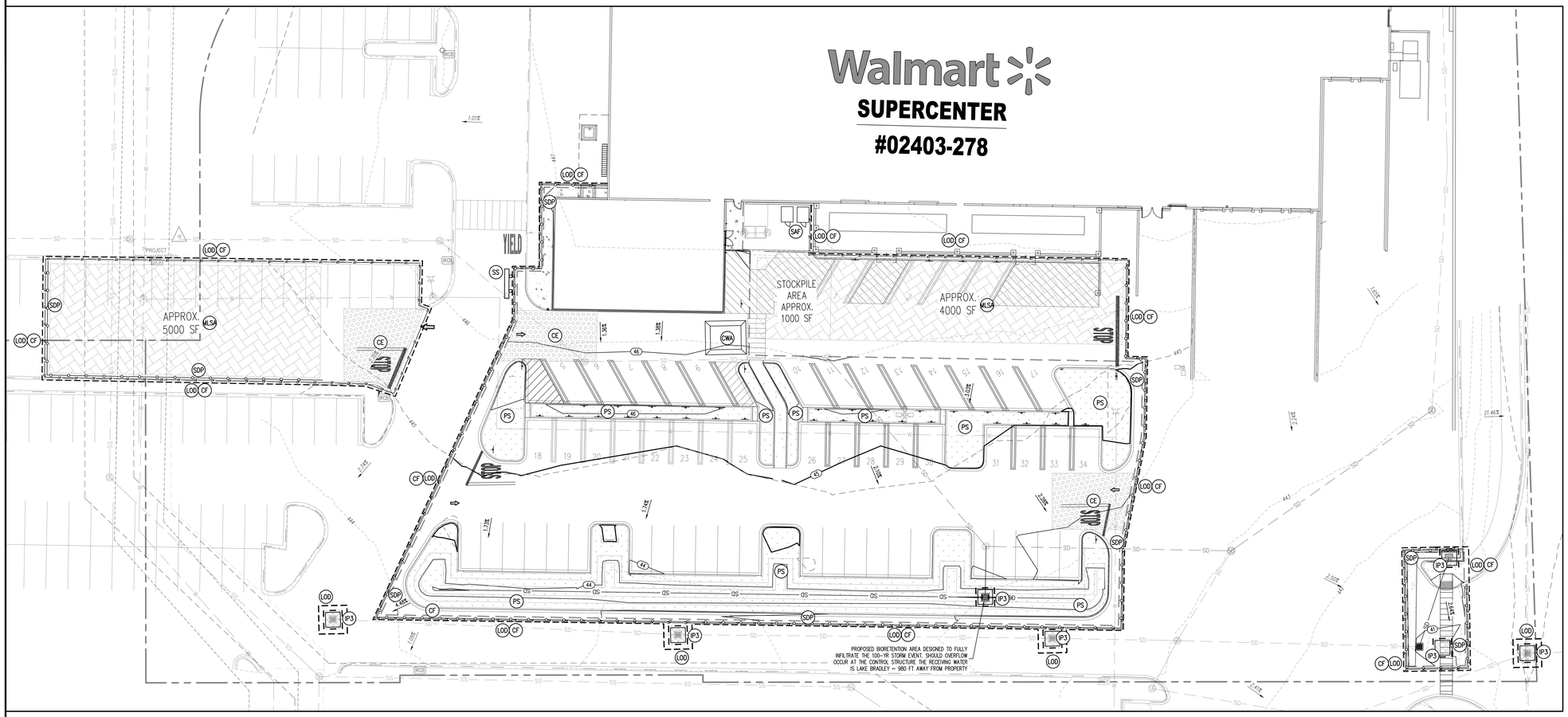
BRANDON ALEX
STATE OF WASHINGTON
56686
REGISTERED
PROFESSIONAL ENGINEER
06/28/2024

1 EROSION & SEDIMENT CONTROL PLAN (INITIAL)

SHEET:
CS5

PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY

Walmart
SUPERCENTER
#02403-278



KEY MAP
APPROX. 1" = 200'

N

LEGEND

SITE FEATURES
- EXISTING WALMART BUILDING
- PROPERTY BOUNDARY
- 2560 EXISTING MAJOR CONTOUR
- 2552 EXISTING MINOR CONTOUR
- PROPOSED SAWCUT LINE
- 4.08% EXISTING FLOW DIRECTION AND SLOPE
- CF CONSTRUCTION FENCE (REF SWPPP DETAILS)

EROSION DETAILS
- LOD LIMITS OF DISTURBANCE
- SDP SILT DIKE ON PAVEMENT
- IP INLET PROTECTION
- SS SWPPP INFORMATION SIGN (REF. SWPPP DETAILS)
- MLSA MATERIAL LAYDOWN AND STORAGE AREA
- CE CONSTRUCTION EXIT
- PS PERMANENT SEEDING
- SAF SANITARY FACILITIES
- CWA CONCRETE WASHOUT AREA

Galloway
5500 Greenwood Plaza Blvd, Suite 200
Greenwood Village, CO 80111
303.770.8884
GallowayUS.com

Walmart
PUYALLUP, WA
310 31ST AVE SE
STORE NO: 02403-278
JOB NUMBER:WDP002403.20 PROTO: PICKUP ENHNCMNT

ISSUE BLOCK

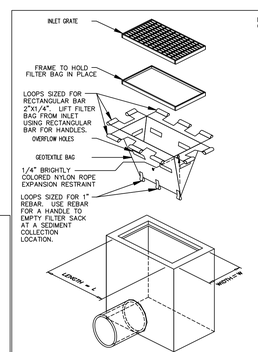
CHECKED BY:	RCJ
DRAWN BY:	MMC
PROTO CYCLE:	–
DOCUMENT DATE:	09/08/21

BRANDON ALEX JOHNSON — STATE OF WASHINGTON — 56606 — REGISTERED PROFESSIONAL ENGINEER
06/28/2024

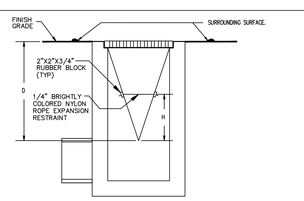
GRADING, EROSION AND SEDIMENTATION CONTROL NOTES:

1. ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES TO SCHEDULE THE MEETING (253) 841–5568. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN APPROVED SET OF PLANS AT THE MEETING.
2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.
3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").
4. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.
5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE CITY ENGINEER PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.
6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKINGS DAYS HOURS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
7. ALL LIMITS OF CLEARING AND AREAS OF VEGETATION PRESERVATION AS PRESCRIBED ON THE PLANS SHALL BE CLEARLY FLAGGED IN THE FIELD AND OBSERVED DURING CONSTRUCTION.
8. ALL REQUIRED SEDIMENTATION AND EROSION CONTROL FACILITIES MUST BE CONSTRUCTED AND IN OPERATION PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE NATURAL DRAINAGE SYSTEM. THE CONTRACTOR SHALL SCHEDULE AND INSPECTION OF THE EROSION CONTROL FACILITIES PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION. ALL EROSION AND SEDIMENT FACILITIES SHALL BE MAINTAINED IN A SATISFACTORY CONDITION AS DETERMINED BY THE CITY, UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED AND THE POTENTIAL FOR ON–SITE EROSION HAS PASSED. THE IMPLEMENTATION, MAINTENANCE, REPLACEMENT, AND ADDITIONS TO THE EROSION AND SEDIMENTATION CONTROL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE PERMITTEE.
9. THE EROSION AND SEDIMENTATION CONTROL SYSTEM FACILITIES DEPICTED ON THESE PLANS ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES AND UNEXPECTED OR SEASONAL CONDITION DICTATE, FACILITIES WILL BE NECESSARY TO ENSURE COMPLETE SILTATION CONTROL ON THE SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE OBLIGATION AND RESPONSIBILY OF THE PERMITTEE TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY THEIR ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES, OVER AND ABOVE THE MINIMUM REQUIREMENTS, AS MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES, SENSITIVE AREAS, NATURAL WATER COURSES, AND/OR STORM DRAINAGE SYSTEMS.
10. APPROVAL OF THESE PLANS IS FOR GRADING, TEMPORARY DRAINAGE, EROSION AND SEDIMENTATION CONTROL ONLY. IT DOES NOT CONSTITUTE AND APPROVAL OF PERMANENT STORM DRAINAGE DESIGN, SIZE OR LOCATION OF PIPES, RESTRICTORS, CHANNELS, OR RETENTION FACILITIES.
11. ANY DISTURBED AREA WHICH HAS BEE STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 30 DAYS OR MORE, MUST BE IMMEDIATELY STABILIZED WITH MULCHING, GRASS PLANTING, OR OTHER APPROVED EROSION CONTROL TREATMENT APPLICABLE TO THE TIME OF YEAR IN QUESTION. GRASS SEEDING ALONE WILL BE ACCEPTABLE ONLY DURING THE MONTHS OF APRIL THROUGH SEPTEMBER INCLUSIVE. SEEDING MAY PROCEED OUTSIDE THE SPECIFIED TIME PERIOD WHENEVER IT IS IN THE INTEREST OF THE PERMITTEE BUT MUST BE AUGMENTED WITH MULCHING, NETTING, OR OTHER TREATMENT APPROVED BY THE CITY.
12. IN CASE EROSION OR SEDIMENTATION OCCURS TO ADJACENT PROPERTIES, ALL CONSTRUCTION WORK WITHIN THE DEVELOPMENT THAT WILL FURTHER AGGRAVATE THE SITUATION MUST CEASE, AND THE OWNER/CONTRACTOR WILL IMMEDIATELY COMMENCE RESTORATION METHODS. RESTORATION ACTIVITY WILL CONTINUE UNTIL SUCH TIME AS THE AFFECTED PROPERTY OWNER IS SATISFIED.
13. NO TEMPORARY OR PERMANENT STOCKPILING OF MATERIALS OR EQUIPMENT SHALL OCCUR WITHIN CRITICAL AREAS OR ASSOCIATED BUFFERS, OR THE CRITICAL ROOT ZONE FOR VEGETATION PROPOSED FOR RETENTION.

LIMITS OF DISTURBANCE TABLE		
TOTAL LOD = 65,350 SF/ 1.5 ACRES		
	EXISTING	PROPOSED
PERVIOUS AREA WITHIN LOD	1,885 SF/ 0.04 ACRES	8,323 SF/ 0.19 ACRES
IMPERVIOUS AREA WITHIN LOD	63,465 SF/ 1.46 ACRES	29,634.9 SF / 1.31 ACRES



ISOMETRIC VIEW



SECTION VIEW
(FILTER SACK INSTALLED)

NOTES:
1. GEOTEXTILE SHALL BE A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS REQUIREMENTS IN THE SPECIFICATIONS TABLE.
2. PLACE AN OIL ABSORBENT PAD OR PILLOW OVER INLET GRATE WHEN OIL SPILLS ARE A CONCERN.
3. THE WIDTH, "W", OF THE FILTER SACK SHALL MATCH THE INSIDE WIDTH OF THE GRATED INLET BOX.
4. THE DEPTH, "D", OF THE FILTER SACK SHALL BE BETWEEN 18 INCHES AND 36 INCHES.
5. THE LENGTH, "L", OF THE FILTER SACK SHALL MATCH THE INSIDE LENGTH OF THE GRATED INLET BOX.

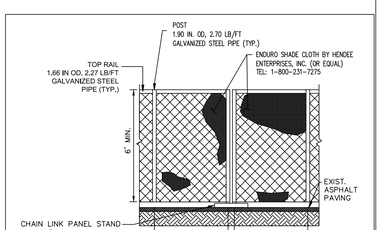
MAINTENANCE NOTES:
1. INLET PROTECTION DEVICES MUST BE INSPECTED FOR SEDIMENT ACCUMULATION WITHIN THE CATCH BASIN. REMOVE TRAPPED SEDIMENT WHEN BRIGHTLY COLORED EXPANSION RESTRAINT CAN NO LONGER BE SEEN.
2. REMOVAL OF SEDIMENT ACCUMULATED IN OR ADJACENT TO A STORM DRAIN INLET MUST BEGIN IMMEDIATELY UPON DISCOVERY, WITH COMPLETION OF THE ACTIVITY OCCURRING NO LATER THAN THE END OF THE FOLLOWING BUSINESS DAY.
3. INLET PROTECTION DEVICES SHALL BE INSPECTED FOR UNINTENDED BYPASS OR IMPROPER FLOW–RATES THAT MAY CAUSE DOWNSTREAM FLOODING.
4. CONTACT THE CEC FOR ALTERNATE INLET PROTECTION IF THE DESIGNED PROTECTION MAY IMPACT DOWNSTREAM BMPS, ADJACENT SLOPES, ETC., DUE TO PONDING ISSUES. ENSURE THAT NO UNDERMINING OF INLET PROTECTION DEVICES HAS OCCURRED.
5. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.

LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D–4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D–4632	20 %
PUNCTURE	ASTM D–4833	120 LBS
MULLEN BURST	ASTM D–3786	600 PSI
UV RESISTANCE	ASTM D–4355	80 %
APPARENT OPENING SIZE	ASTM D–4751	40 US SIEVE
FLOW RATE	ASTM D–4491	40 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D–4491	0.50 SEC–1

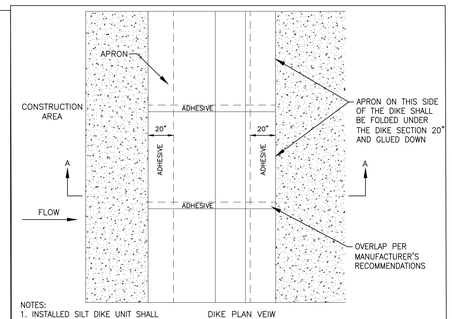
MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D–4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D–4632	20 %
PUNCTURE	ASTM D–4833	135 LBS
MULLEN BURST	ASTM D–3786	420 PSI
UV RESISTANCE	ASTM D–4355	90 %
APPARENT OPENING SIZE	ASTM D–4751	20 US SIEVE
FLOW RATE	ASTM D–4491	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D–4491	1.5 SEC–1

IP3 INLET PROTECTION FILTER SACK
N.T.S.

FOR USE ONLY IN PAVED AREAS WHERE SEDIMENT LOADS ARE EXPECTED TO BE VERY LOW. FILTER SACK MUST HAVE OVERFLOW HOLES TO PREVENT PONDING.

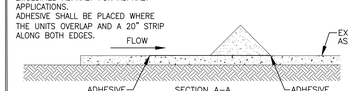


LAST REVISED:	CEC STANDARD DETAIL
MAY 2016	



DIKE PLAN VEIW

NOTES:
1. INSTALLED SILT DIKE UNIT SHALL HAVE CONTINUOUS AND FIRM CONTACT WITH PAVEMENT.
2. ADHESIVES SHALL BE LIQUID NAIL OR APPROVED EQUAL FOR CONCRETE PAVEMENT APPLICATIONS AND EMULSIFIED ASPHALT FOR ASPHALT APPLICATIONS.
ADHESIVE SHALL BE PLACED WHERE THE UNITS OVERLAP AND A 20" STRIP ALONG BOTH EDGES.



SILT DIKE
(ON EXISTING PAVEMENT)
SDP
N.T.S.

LAST REVISED:	CEC STANDARD DETAIL
JUNE 2012	

MINIMIZATION OF DISTURBED AREAS:

1. CONTRACTOR SHALL MANAGE CONSTRUCTION ACTIVITIES TO REDUCE EROSION AND RETAIN SEDIMENT AND OTHER POLLUTANTS IN THE SOIL AT THE CONSTRUCTION SITE.
2. CONTRACTOR SHALL MINIMIZE THE TIME BARE SOIL IS EXPOSED.
3. CONTRACTOR SHALL MINIMIZE SITE DISTURBANCE BY MINIMIZING THE EXTENT OF GRADING AND CLEARING TO EFFECTIVELY REDUCE SEDIMENT YIELD.

NOTE TO GC: OWNER HAS AUTHORITY AT ANY TIME TO LIMIT SURFACE AREA OF ERODIBLE EARTH MATERIAL EXPOSED BY CLEARING AND GRUBBING, EXCAVATION, BORROW AND EMBANKMENT OPERATIONS AND TO DIRECT THE GC TO PROVIDE IMMEDIATE PERMANENT OR TEMPORARY POLLUTION CONTROL MEASURES.

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

VERTICAL DATUM
VERTICAL DATUM IS BASED UPON A GPS OBSERVATION USING AN OPUS SOLUTION TO DETERMINE THE ELEVATION OF THE PROJECT SITE AND IS BASED ON THE NAVD88 DATUM.

BENCHMARK
ELEVATIONS ARE BASED PER ON–SITE BENCHMARK – MAG NAIL, ELEVATION = 445.61' NAVD88

BASIS OF BEARING
THE LINE BETWEEN THE NORTHEAST CORNER OF THE NORTHWEST QUARTER, OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 19 NORTH, RANGE 4 EAST, WM WHICH BEARS N87°56'47"W

SWPPP UPDATES AND AMENDMENTS
THE GC MUST UPDATE THE SWPPP, INCLUDING THE JOBSITE BINDER AND SITE MAPS, TO REFLECT THE PROGRESS OF CONSTRUCTION ACTIVITIES AND GENERAL CHANGES TO THE PROJECT SITE. UPDATES SHALL BE MADE DAILY TO TRACK PROGRESS WHEN ANY OF THE FOLLOWING ACTIVITIES OCCUR: BMP INSTALLATION, MODIFICATION OR REMOVAL. CONSTRUCTION ACTIVITIES (E.G., PAVING, STORM SEWER INSTALLATION, FOOTING INSTALLATION, ETC.), CLEARING, GRUBBING OR GRADING, OR TEMPORARY OR PERMANENT STABILIZATION.

IMPORTANT:
THE GENERAL CONTRACTOR MUST SUBMIT A REQUEST FOR INFORMATION (RFI) TO THE CEC AND OBTAIN WRITTEN CEC APPROVAL BEFORE DOING ANY OF THE FOLLOWING:

1. MODIFYING EROSION OR SEDIMENT CONTROL BMPS (SUBSTITUTIONS ARE TYPICALLY ONLY APPROVED IF SPECIFIED MATERIALS ARE NOT AVAILABLE OR THERE IS A VALID REASON THE SPECIFIED BMP WILL NOT WORK)
2. ADDING/DELETING EROSION OR SEDIMENT CONTROL BMPS;
3. MODIFYING THE SWPPP IMPLEMENTATION SEQUENCE; OR
4. PERFORMING ANY ACTIONS OR IN ANY MANNER THAT IS CONTRARY TO THE SWPPP.

THE CONTRACTOR MAY MODIFY OR ADD ADDITIONAL BMPS, WITHOUT CEC APPROVAL, IN AN EMERGENCY SITUATION TO PREVENT SEDIMENT DISCHARGE OR PROTECT WATER QUALITY; HOWEVER, GC MUST NOTIFY THE CEC AS SOON AS PRACTICAL AS TO THEIR ACTIONS TO DISCUSS THE NEED FOR ADDITIONAL OR SUPPLEMENTAL MEASURES AND TO OBTAIN THE REQUIRED APPROVALS. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE TO ENSURE COMPLIANCE WITH THE PERMIT AND PROTECTION OF DOWNSTREAM WATER QUALITY.

AMENDING THE SWPPP DOES NOT MEAN THAT IT HAS TO BE REPRINTED. IT IS ACCEPTABLE TO ADD ADDENDA, SKETCHES, NEW SECTIONS, DETAILS, AND/OR REVISED DRAWINGS THAT HAVE THE CEC NAME IN PRINT, ARE STAMPED, SIGNED, DATED, AND ARE ACCOMPANIED BY WRITTEN COPY OF THE ASSOCIATED RFI AND ITS RESPONSE FROM CEC. ENGINEERED ITEMS MUST BE SIGNED AND STAMPED BY THE CEC OF RECORD FOR THE PROJECT.

NOTE TO GENERAL CONTRACTOR:

PRIOR TO CONSTRUCTION, GC MUST CLEARLY DELINEATE AND MARK OFF AREAS IDENTIFIED IN THE SWPPP OR IN THE FIELD TO BE PROTECTED (SUCH AS, NATURAL BUFFERS, TREES, HABITATS OF ENDANGERED/THREATENED SPECIES, HISTORIC PROPERTIES, ETC.)

CAUTION – NOTICE TO CONTRACTOR
1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POTHOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

811 Know what's below. Call before you dig.

DEVELOPER/OWNER:
WAL-MART REAL ESTATE
BUSINESS TRUST
72716-5570
702 SW 8TH STREET
MAIL STOP 0505
BENTONVILLE, AR 72716
(479) 360-4749

SITE OPERATOR/GENERAL CONTRACTOR:

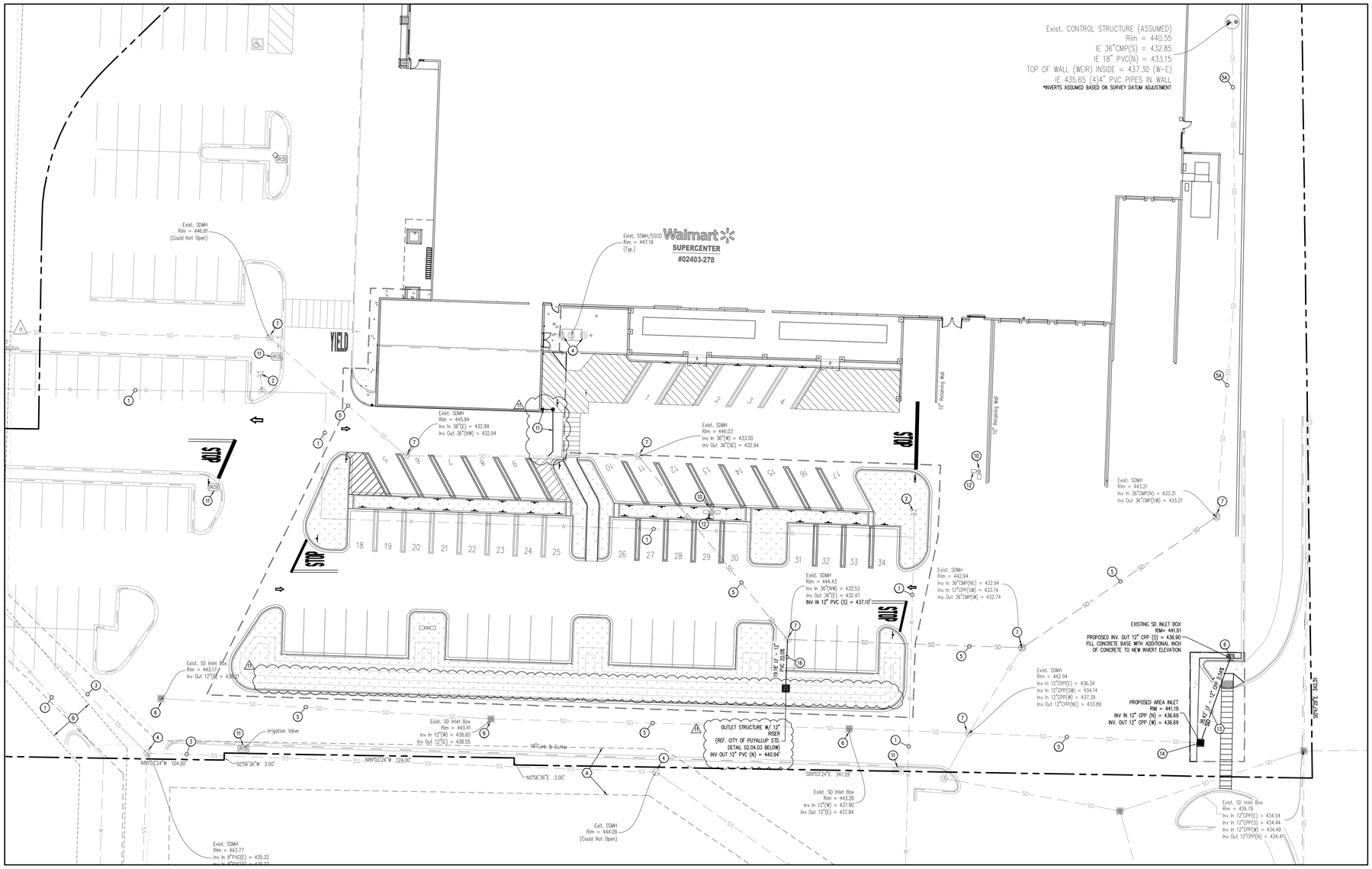
SUPERINTENDENT:

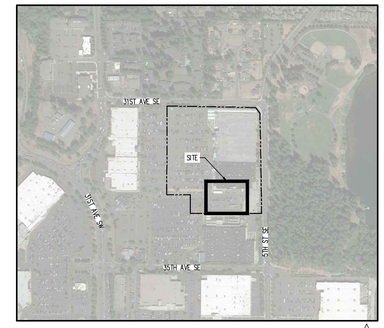
IMPORTANT: GC MUST SIGN ALL PLAN SHEETS AND ANY NEW PLAN SHEETS ISSUED BY THE CEC.

SWPPP PLAN
PHASE 2

SHEET:
SW.4

PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY





KEY MAP
APPROX. 1" = 500'

N

LEGEND

- EXISTING CURB AND GUTTER TO REMAIN
- EXISTING FENCE/GUARDRAIL TO REMAIN
- EXISTING EASEMENT
- EXISTING SANITARY SEWER LINE TO REMAIN
- EXISTING UNDERGROUND ELECTRIC LINE TO REMAIN
- EXISTING WATER LINE TO REMAIN
- EXISTING STORM SEWER LINE TO REMAIN
- EXISTING GAS LINE TO REMAIN
- PROPOSED GAS LINE
- EXISTING CONCRETE PAVING TO REMAIN.
- PROPOSED CONCRETE PAVING/SIDEWALK
- EXISTING ASPHALT PAVING TO REMAIN
- EXISTING BOLLARD TO REMAIN
- EXISTING STORM INLET TO REMAIN
- EXISTING FIRE HYDRANT TO REMAIN
- EXISTING SANITARY SEWER CLEANOUT TO REMAIN
- EXISTING SANITARY SEWER MANHOLE TO REMAIN
- EXISTING WATER VALVE TO REMAIN
- EXISTING WALMART BUILDING TO REMAIN
- EXISTING LIGHT POLE TO REMAIN
- PROPOSED STORM SEWER CLEANOUT
- PROPOSED STORM LINE

SCHEDULE

1. EXISTING WATER LINE TO REMAIN.
2. EXISTING FIRE HYDRANT TO REMAIN.
3. EXISTING SANITARY SEWER LINE TO REMAIN.
4. EXISTING SANITARY SEWER MANHOLE TO REMAIN.
5. EXISTING STORM SEWER LINE TO REMAIN.
5A. EXISTING STORM SEWER TO REMAIN. (LOCATION ASSUMED PER RECORD DRAWING DUE TO BEING OUTSIDE SURVEY LIMITS)
6. EXISTING STORM INLET TO REMAIN.
7. EXISTING STORM MANHOLE TO REMAIN.
8. EXISTING STORM INLET TO BE REMOVED.
9. EXISTING STORM LINE TO BE REMOVED.
10. EXISTING SITE LIGHT TO BE REMOVED AND RELOCATED (REF. ELECTRICAL SHEET E1.2).
11. EXISTING IRRIGATION CONTROL BOX TO REMAIN.
12. RELOCATED SITE LIGHT PER PHOTOMETRIC PLANS (REF. ELECTRIC SHEET E1.2).
13. PROPOSED 12" CPP STORM LINE.
14. PROPOSED CB TYPE 1 STORM INLET.
15. PROPOSED 6" SDR 36 PVC ROOF DRAIN. (REF. GRADING PLAN).
16. PROPOSED 12" PVC STORM LINE.

EASEMENT SCHEDULE

- (A) 20' SANITARY EASEMENT (RECEPTION NO. 9502281042)
- (B) 20' WATERLINE EASEMENT (RECEPTION NO. 9610150317)

NOTE: LENGTHS OF STORM/SANITARY SEWER ARE THE HORIZONTAL DISTANCES FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE UNLESS OTHERWISE NOTED. THEREFORE, LENGTHS SHOWN ARE APPROXIMATE AND COULD VARY DUE TO VERTICAL ALIGNMENT AND STRUCTURE WIDTHS.

SURVEYOR TO OBTAIN AUTOCAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR MUST VERIFY ALL BENCHMARK, BASIS OF BEARING AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY MUST BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION WORK.

CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL INFORMATION FOR FINAL ACCEPTANCE OF WORK FOR ANY LOCAL, STATE OR FEDERAL AGENCY, UTILITY DISTRICT OR ANY OTHER AGENCY OR DISTRICT HAVING APPROVAL AUTHORITY OVER WORK. THIS INFORMATION MAY INCLUDE, BUT IS NOT LIMITED TO, AS-BUILT PLANS, CERTIFICATIONS, INSPECTIONS AND REPORTS.

NOTE: CONTRACTOR MUST COORDINATE WORK WITH UTILITY COMPANY AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK.

NOTE: CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION. CONTRACTOR SHALL HAVE LICENSED SURVEYOR REPLACE ANY DAMAGED OR DISTURBED MONUMENTATION AT THEIR COST.

UNLESS OTHERWISE NOTED, CONTRACTOR TO PROTECT LANDSCAPING IN PLACE AND REPLACE TO MATCH IF DISTURBED. CONTRACTOR TO CAP AND REINSTALL IRRIGATION AS NECESSARY TO MAINTAIN IRRIGATION TO EXISTING LANDSCAPING.

CONTRACTOR RESPONSIBLE FOR AS-BUILT DRAWINGS, TESTS, REPORTS AND/OR ANY OTHER CERTIFICATES OR INFORMATION AS REQUIRED FOR ACCEPTANCE OF WORK FROM CITY, UTILITY DISTRICTS OR ANY OTHER GOVERNING AGENCY.

BENCHMARK

SITE BENCHMARK: ELEVATION = 445.61' NAVD88, SET MAG NAIL

CAUTION – NOTICE TO CONTRACTOR

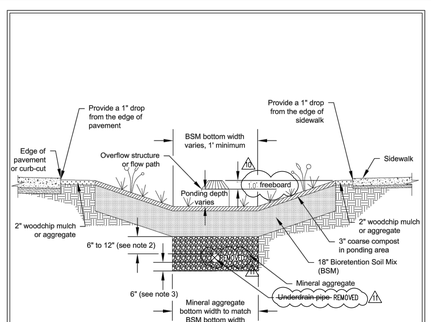
1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POTHOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

N

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.



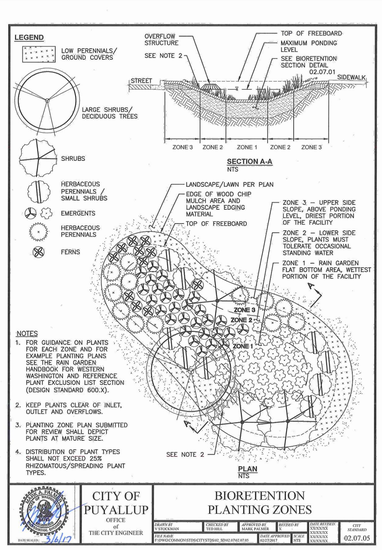
Notes:
1. See **BMP T7.30: Bioretention** for further details regarding design, installation, and maintenance of bioretention.
2. Minimum 6" to discourage fines from entering the underdrain from the BSM. Maximum 12" to prevent unnecessary BMP depth from encroaching into the seasonal high ground water.
3. If depth to the seasonal high ground water shows this distance may be larger.
4. When an underdrain is used, the design must ensure that the seasonal high ground water does not encroach into the BMP (including the mound of aggregate layer surrounding the underdrain pipe).

NOT TO SCALE

DEPARTMENT OF ECOLOGY
State of Washington

Typical Bioretention w/Underdrain

Revised January 2022



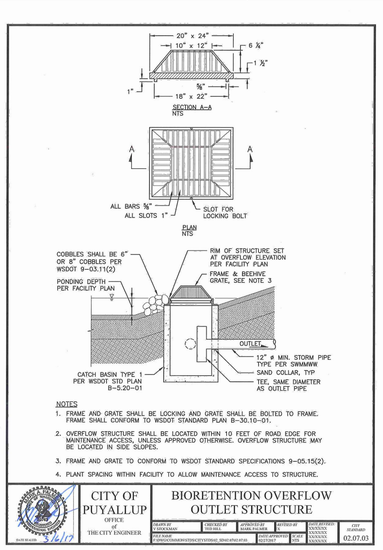
NOTES
1. FOR GUIDANCE ON PLANTS FOR EACH ZONE AND FOR EXAMPLE PLANTING PLANS SEE THE RAIN GARDEN HANDBOOK FOR WESTERN WASHINGTON AND REFERENCE PLANT EXCLUSION LIST SECTION (DESIGN STANDARD 600.X).
2. KEEP PLANTS CLEAR OF INLET, OUTLET AND OVERFLOWS.
3. PLANTING ZONE PLAN SUBMITTED FOR REVIEW SHALL DEPICT PLANTS AT MATURE SIZE.
4. DISTRIBUTION OF PLANT TYPES SHALL NOT EXCEED 25% RHODONATOUS/SPREADING PLANT TYPES.

CITY OF PUYALLUP
OFFICE of THE CITY ENGINEER

BIORETENTION PLANTING ZONES

DRAWN BY	CHECKED BY	APPROVED BY	REVISED BY	DATE APPROVED
V.ERICKSON	STEVE	MARK PALMER		XX/XX/XXXX
FILE NAME		DATE APPROVED	SCALE	DATE REVISED
T:\PROJECTS\2020\2020127\CITY\DWG_SEMI\CAD\STD		02/07/2005	NTS	XX/XX/XXXX

CITY STANDARD 02.07.01



NOTES
1. FRAME AND GRATE SHALL BE LOCKING AND GRATE SHALL BE BOLTED TO FRAME. FRAME SHALL CONFORM TO WSDOT STANDARD PLAN B-30.10-01.
2. OVERFLOW STRUCTURE SHALL BE LOCATED WITHIN 10 FEET OF ROAD EDGE FOR MAINTENANCE ACCESS, UNLESS APPROVED OTHERWISE. OVERFLOW STRUCTURE MAY BE LOCATED IN SIDE SLOPES.
3. FRAME AND GRATE TO CONFORM TO WSDOT STANDARD SPECIFICATIONS 9-05.15(2).
4. PLANT SPACING WITHIN FACILITY TO ALLOW MAINTENANCE ACCESS TO STRUCTURE.

CITY OF PUYALLUP
OFFICE of THE CITY ENGINEER

BIORETENTION OVERFLOW OUTLET STRUCTURE

DRAWN BY	CHECKED BY	APPROVED BY	REVISED BY	DATE APPROVED
V.ERICKSON	STEVE	MARK PALMER		XX/XX/XXXX
FILE NAME		DATE APPROVED	SCALE	DATE REVISED
T:\PROJECTS\2020\2020127\CITY\DWG_SEMI\CAD\STD		02/07/2005	NTS	XX/XX/XXXX

CITY STANDARD 02.07.03

Galloway
City of Puyallup Development & Permitting Services
Civil Engineering Planning Engineering Public Works Fire Traffic
1700 Trowbridge Suite 210 Everett, WA 98201
(425) 258-2170 (425) 258-2173 Fax
Gallowayus.com

STIPULATION FOR REUSE
THIS DRAWING WAS PREPARED FOR USE ON A SPECIFIC SITE AT: 310 31ST AVE SE, PUYALLUP, WA IN IT'S STRUCT CONTEXT ON PROJECT, AND IT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY A LESSEE OR OTHER PARTY OR FOR USE ON ANOTHER PROJECT OR AT ANOTHER SITE, OR FOR ADDITIONS TO THIS SITE OR PROJECT BY ANY PARTY. ANY REUSE OR MODIFICATION WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO THE ENGINEER. ANY USER OF REUSE OR ON ANOTHER PROJECT IS NOT THE ENGINEER OF RECORD AND AGREES TO INDEMNIFY AND HOLD HARMLESS THE ENGINEER AGAINST ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES INCLUDING BUT NOT LIMITED TO ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM. ANY MODIFICATIONS MADE TO THIS DRAWING WITHOUT THE WRITTEN CONSENT OF THE ENGINEER ARE TO BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO THE ENGINEER. ANY USER OF REUSE OR MODIFICATIONS AGREES TO INDEMNIFY AND HOLD HARMLESS THE ENGINEER AGAINST ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES INCLUDING BUT NOT LIMITED TO ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM. ANY MODIFICATIONS MADE TO THIS DRAWING WITHOUT THE WRITTEN CONSENT OF THE ENGINEER ARE TO BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO THE ENGINEER.

Walmart
PUYALLUP, WA
310 31ST AVE SE
STORE NO. 02403-278
JOB NUMBER:WDP002403.20 PROTO: PICKUP ENHNCMNT

ISSUE BLOCK

1	CCD#7	07/02/2024
2	CCD#8	02/12/2025

CHECKED BY:	RCJ
DRAWN BY:	JRC
PROTO CYCLE:	–
DOCUMENT DATE:	09/08/21

BRANDON ALLEN
STATE OF WASHINGTON
26606
REGISTERED PROFESSIONAL ENGINEER
02/12/2025

UTILITY PLAN

SHEET: CS7

PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY

1 SHEET REMOVED

Galloway
1785 Treeline Drive
Brookfield, WI 53045
T 262.780.1000

City of Puyallup
Development & Permitting Services
Routing Record

Building	Planning
Engineering	Public Works
Fire	Traffic

Comments Due:

Walmart
PUYALLUP, WA
310 31ST AVE SE
STORE NO. 02403-278
JOB NUMBER: WDP002403.20 PROTO: PICKUP ENHNCMNT

ISSUE BLOCK

1	PR#1	01/25/22
2	CCD#8	02/12/25

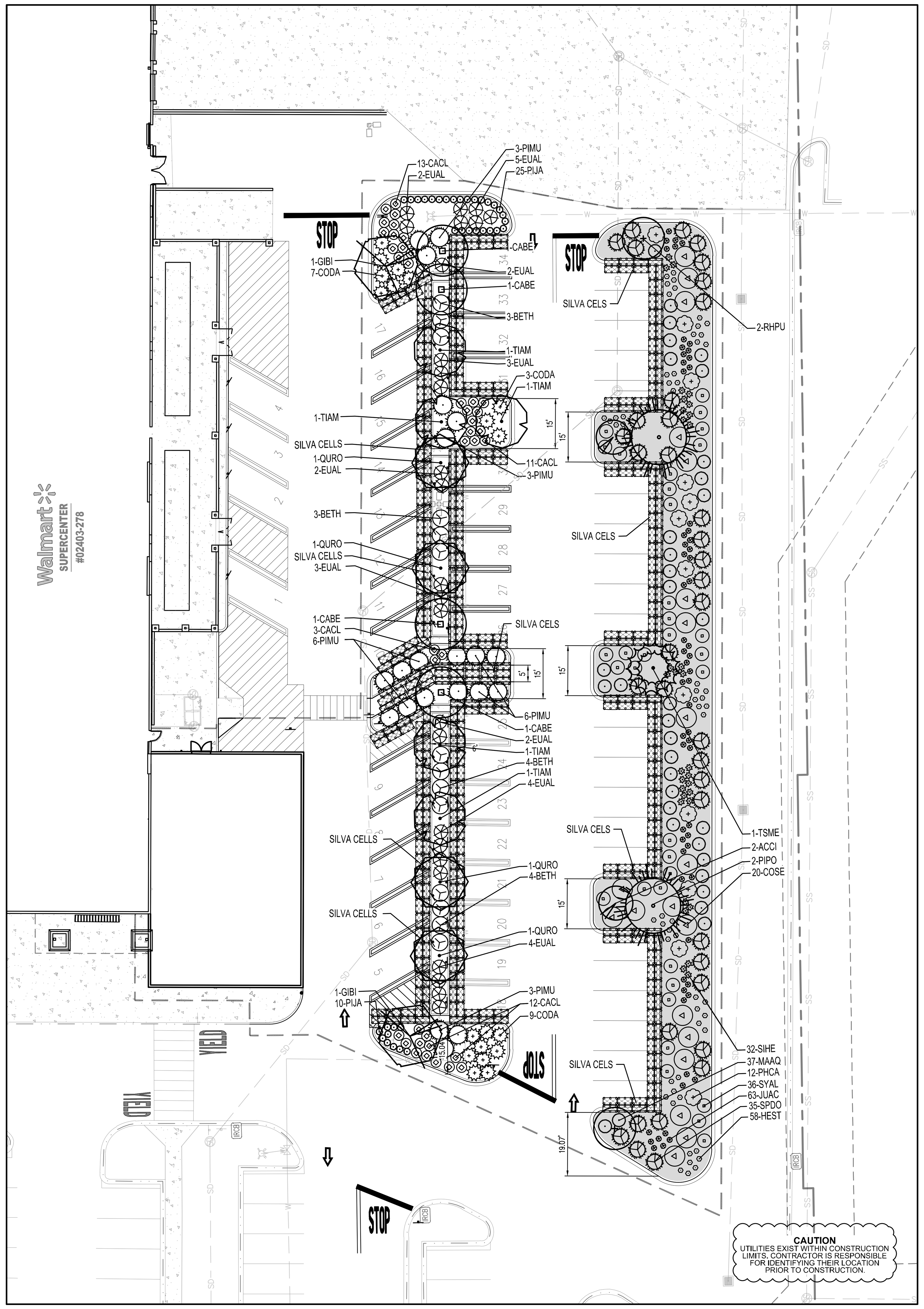
CHECKED BY:	RCJ
DRAWN BY:	JRC
PROTO CYCLE:	--
DOCUMENT DATE:	09/08/21

BRANDON A. LEY
STATE OF WASHINGTON
56606
REGISTERED
PROFESSIONAL ENGINEER
02/10/2025

STORM PLAN

SHEET:
CS8

PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY



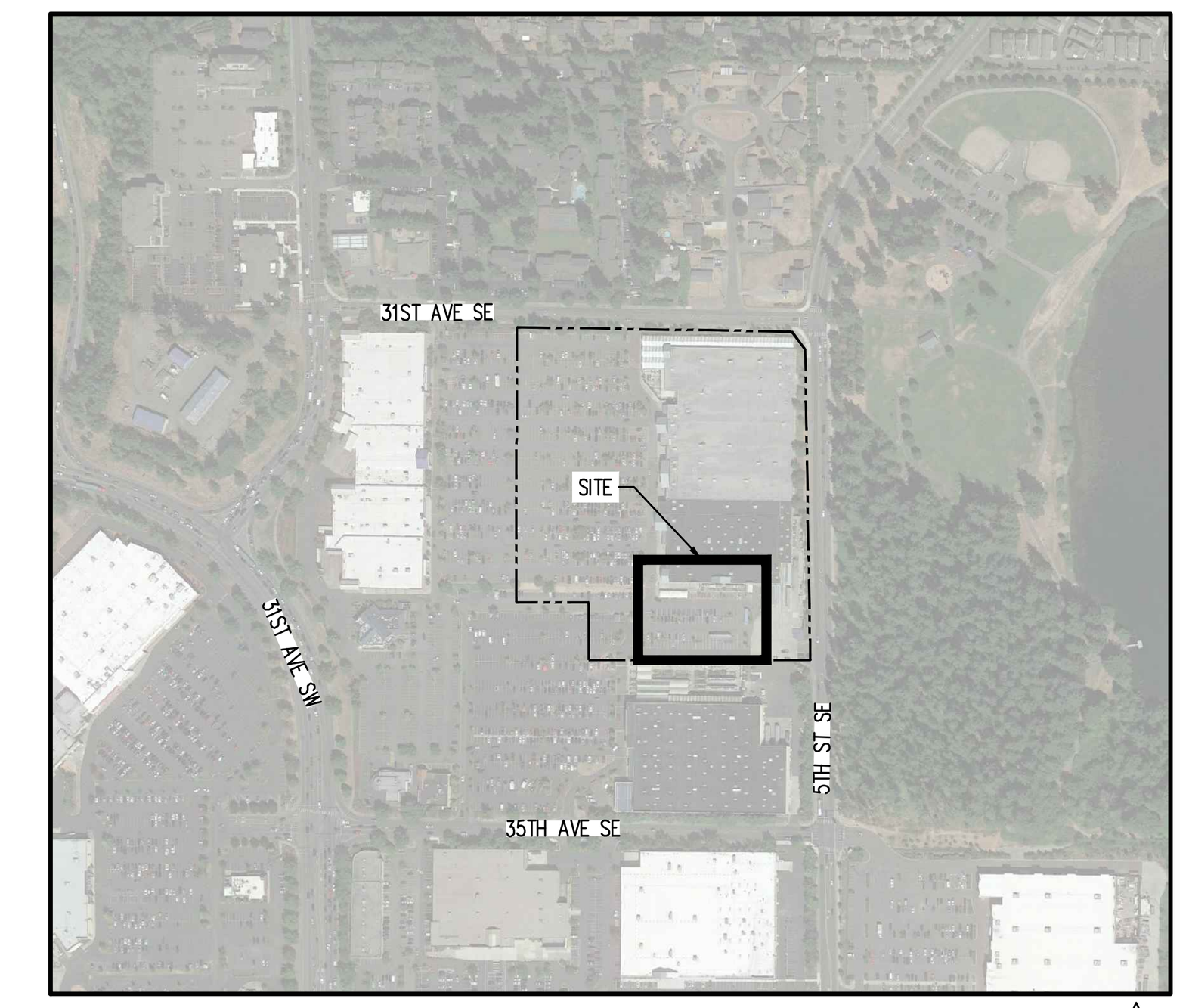
LANDSCAPE PLAN
APPROX. 1" = 20'

PLANTING LEGEND

QTY	LEGEND ABBREV.	BOTANIC NAME	COMMON NAME	PLANTING SIZE (MINIMUM)	MATURE SIZE	WATER USE (VL,L,M,H)	MATURE COVERAGE (SF)	NATIVE TO PUGET SOUND REGION	MINIMUM PLANTER STRIP WIDTH PER VMS	SUN/SHADE
DECIDUOUS TREES										
4	CABE	CARPINUS BETULUS 'FASTIGIATA'	PYRAMIDAL EUROPEAN HORNBEAM	2" CAL. B&B	35'X25'	M		NO	5'	SUN
2	QURO	QUERCUS ROBUR 'FASTIGIATA'	COLUMNAR ENGLISH OAK	2" CAL. B&B	40'X20'	M		NO	6'	SUN
5	TIAM	TILIA AMERICANA 'BOULEVARD'	AMERICAN LINDEN	2" CAL. B&B	50'X25'	L/M		NO	5'	SUN
4	ULFR	ULMUS 'FRONTIER'	FRONTIER ELM	2" CAL. B&B	40'X30'	M		NO	6.5'	SUN
DECIDUOUS SHRUBS										
14	BETH	BERBERIS THUNBERGII 'ATROPURPUREA NANA'	CRIMSON PYGMY BARBERRY	#5 CONT. 18-24"	4'X4'	M	280	NO	N/A	SUN/PART SHADE
39	CACL	CARYOPTERIS X CLANDONENSIS	BLUE MIST SPIREA	#5 CONT. 18-24"	3'X3'	VL	585	NO	N/A	SUN
27	EUAL	EUONYMUS ALATUS 'COMPACTA'	DWARF BURNING BUSH	#5 CONT. 18-24"	5'X4'	L/M	540	NO	N/A	SUN/PART SHADE
EVERGREEN SHRUBS										
19	CODA	COTONEASTER DAMMERI 'CORAL BEAUTY'	CORAL BEAUTY COTONEASTER	#5 CONT. 18-24"	1'X5'	M	380	NO	N/A	SUN/PART SHADE
21	PIMU	PINUS MUGO 'MOPS'	MOPS MUGO PINE	#5 CONT. 18-24"	5'X6'	L	735	NO	N/A	SUN
35	PIJA	PIERIS JAPONICA 'MOUNTAIN FIRE'	MOUNTAIN FIRE PIERIS	#5 CONT. 18-24"	2'X2'	M	280	NO	N/A	SUN
TOTAL MATURE COVERAGE:							7,422 SF			
MISC										
2,893 SF		ROCK COBBLE MULCH	2"-4" ROCK COBBLE MULCH WITH WOOD MULCH RING AROUND ALL PLANT MATERIAL, SEE PLANTING NOTES & DETAILS	MULCH		N/A		N/A	N/A	N/A
AS NEEDED		WOOD MULCH	DARK BROWN SHREDDED HARDWOOD MULCH	MULCH		N/A		N/A	N/A	N/A
206 CY		TOPSOIL	SEE TOPSOIL NOTE ON SHEET L1.1	SOIL		N/A		N/A	N/A	N/A

BIO RETENTION PLANTING LEGEND

QTY	LEGEND ABBREV.	BOTANIC NAME	COMMON NAME	PLANTING SIZE (MINIMUM)	MATURE SIZE	WATER USE (VL,L,M,H)	MATURE COVERAGE (SF)	NATIVE TO PUGET SOUND REGION	MINIMUM PLANTER STRIP WIDTH PER VMS	SUN/SHADE
TREES										
2	PIPO	PINUS PONDEROSA	PONDEROSA PINE	6' HEIGHT B&B	60'X30'	M	188	YES	10'	SUN/PART SHADE
1	TSME	TSUGA MERTENSIANA	MOUNTAIN HEMLOCK	6' HEIGHT B&B	30'X15'	M	50	YES	6'	SUN/PART SHADE
2	ACCI	ACER CIRCINATUM	VINE MAPLE	2" CAL. B&B	15'X10'	M	N/A	YES	4'	SUN
2	RHPU	RHAMNUS PURSHIANA	CASCARA	2" CAL. B&B	30'X15'	M	N/A	YES	4'	SUN/PART SHADE
DECIDUOUS SHRUBS										
20	COSE	CORNUS SERICEA 'BAILEYI'	RED TWIG DOGWOOD	#5 CONT. 18-24"	6'X6'	L/M	700	YES	N/A	SUN/PART SHADE
12	PHCA	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	#5 CONT. 18-24"	5'X5'	L/M	300	YES	N/A	SUN/SHADE
36	SYAL	SYMPHORICARPOS ALBUS	SNOWBERRY	#5 CONT. 18-24"	6'X4'	L/M	720	YES	N/A	SUN/SHADE
EVERGREEN SHRUBS										
37	MAAQ	MAHONIA AQUIFOLIUM 'COMPACTA'	COMPACT OREGON GRAPE HOLLY	#5 CONT. 18-24"	3'X5'	VL	925	YES	N/A	SUN/PART SHADE
35	SPDO	SPIRAEA DOUGLASSI	DOUGLAS SPIRAEA	#5 CONT. 18-24"	5'X5'	L	875	YES	N/A	SUN/PART SHADE
EMERGENTS										
63	JUAC	JUNCUS ACUMINATUS	TAPER-TIPPED RUSH	#1 CONT.	18"X18"	M/H	315	YES	N/A	SUN
HERBACEOUS PERENNIALS										
58	HEST	HEMEROCALLIS 'STELLA D'ORO'	STELLA D'ORO DAYLILY	#1 CONT.	18"X18"	VL	290	YES	N/A	SUN/PART SHADE
32	SIHE	SIDALCEA HENDERSONII	HENDERSON'S CHECKER-MALLOW	#1 CONT.	24"X24"	M/H	256	YES	N/A	SUN
MULCH										
5,431 SF		WOOD MULCH	DARK BROWN SHREDDED HARDWOOD MULCH 4" IN DEPTH	MULCH		N/A		N/A	N/A	N/A



KEY MAP
APPROX. 1" = 500'

N

CAUTION – NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POTHOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

LANDSCAPE CALCULATION TABLE

REQUIREMENT	REQUIRED	PROVIDED
PERIMETER LANDSCAPE ISLANDS	12' WIDE 200 SF 1 TREE	12' WIDE 200 SF 1 TREE
INTERNAL LANDSCAPE ISLANDS	15' WIDE 500 SF 2 TREES	15' WIDE 500 SF 2 TREES
HEAD TO HEAD PARKING LANDSCAPE	5' WIDE 1 TREE PER 20 LF	5' WIDE 12 TREES FOR 237 LF
COVERAGE	90% AFTER 3 YEARS	90% OF 8,246 SF = 7,422 SF OF COVERAGE, SEE PLANTING LEGEND

UTILITY NOTES

1. THE LANDSCAPE CONTRACTOR IS REQUIRED TO CONTACT THE COUNTY PUBLIC WORKS DEPARTMENT, AND ANY OTHER PUBLIC OR PRIVATE AGENCY NECESSARY FOR UTILITY LOCATION PRIOR TO ANY CONSTRUCTION.
2. THIS DRAWING IS A PART OF A COMPLETE SET OF BID DOCUMENTS, SPECIFICATIONS, ADDITIONAL DRAWINGS, AND EXHIBITS. UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED FOR CONSTRUCTION PURPOSES WITHOUT EXAMINING ACTUAL LOCATIONS OF UTILITIES ON SITE, AND REVIEWING ALL RELATED DOCUMENTS.
3. THE LOCATION OF THE ALL UNDERGROUND UTILITIES ARE LOCATED ON THE ENGINEERING DRAWINGS FOR THIS PROJECT. THE MOST CURRENT REVISION IS HERE IN MADE PART OF THIS DOCUMENT. UNDERGROUND UTILITIES EXIST THROUGHOUT THIS SITE AND MUST BE LOCATED PRIOR TO ANY CONSTRUCTION ACTIVITY. WHERE UNDERGROUND UTILITIES EXIST, FIELD ADJUSTMENT MAY BE NECESSARY AND MUST BE APPROVED BY A REPRESENTATIVE OF THE OWNER. NEITHER THE OWNER NOR THE LANDSCAPE ARCHITECT ASSUMES ANY RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE CONTRACTORS ACCURACY IN LOCATING THE INDICATED PLANT MATERIAL, AND UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED WITHOUT REFERENCING THE ABOVE MENTIONED DOCUMENTS.

Tree Removal / Replacement Chart	
Existing trees to be removed:	18
Proposed Trees:	22

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

Galloway
1755 Telstar Drive, Suite 107
Colorado Springs, CO 80920
719.900.7220
GallowayUS.com

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

STATE OF WASHINGTON · TROY NOSER · LICENSED LANDSCAPE ARCHITECT · NO. 1596 EPX.
07/27/2023

Walmart
PUYALLUP, WA
310 31ST AVE SE
STORE NO: 02403-278
JOB NUMBER:WDP002403.20 PROTO: PICKUP ENHNCMNT

ISSUE BLOCK		
10	CCD#7	07/02/2024

CHECKED BY:	KES
DRAWN BY:	EDN
PROTO CYCLE:	–
DOCUMENT DATE:	09/08/21

LANDSCAPE PLAN

SHEET:
L1.0

PRCA20231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY

PLANTING NOTES

GENERAL

1. ALL WORK SHALL CONFORM TO ALL APPLICABLE STATE AND LOCAL CODES, STANDARDS, AND SPECIFICATIONS.
2. ALL PLANT MATERIAL QUANTITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN TAKEOFFS AND QUANTITY CALCULATIONS FOR COMPLETE COVERAGE OF ALL PLANTING BEDS AT THE SPACING SHOWN. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND THE LANDSCAPE LEGEND, THE PLANT QUANTITY AS SHOWN ON THE PLAN SHALL TAKE PRECEDENCE AND NOTIFY THE LANDSCAPE ARCHITECT OF THESE DISCREPANCIES. MINOR ADJUSTMENTS TO THE LANDSCAPE MATERIAL AND LOCATIONS MAY BE PROPOSED FOR CITY CONSIDERATION AT THE CONSTRUCTION DOCUMENT STAGE TO RESPOND TO MARKET AND FIELD CONDITIONS. HOWEVER, THERE SHALL BE NO REDUCTION IN THE NUMBER AND SIZE OF MATERIALS.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR 1) TO VERIFY THE LOCATIONS OF UTILITY LINES AND ADJACENT TO THE WORK AREA 2) TO PROTECT OF ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD 3) TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE CONSTRUCTION.
4. THE CONTRACTOR SHALL TAKE EXTREME CARE NOT TO DAMAGE ANY EXISTING PLANTS INDICATED AS "TO REMAIN". ANY SUCH PLANTS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED WITH THE SAME SPECIES, SIZE, AND QUANTITY AT THE CONTRACTOR'S OWN EXPENSE, AND AS ACCEPTABLE TO THE OWNER. REFER TO THE TREE PROTECTION NOTES ON THE PLANS (AS APPLICABLE).
5. LANDSCAPE CONTRACTOR SHALL EXAMINE THE SITE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND NOTIFY THE GENERAL CONTRACTOR IN WRITING OF UNSATISFACTORY CONDITIONS. IF SITE CONDITIONS OR PLANT AVAILABILITY REQUIRE CHANGES TO THE PLAN, THEN AN APPROVAL WILL BE OBTAINED FROM THE CITY. DO NOT PROCEED UNTIL CONDITIONS HAVE BEEN CORRECTED.
6. ALL CONSTRUCTION DEBRIS AND MATERIAL SHALL BE REMOVED AND CLEANED OUT PRIOR TO INSTALLATION OF TOPSOIL, TREES, SHRUBS, AND TURF.
7. FOR ALL INFORMATION ON SURFACE MATERIAL OF WALKS, DRIVES, AND PARKING LOTS, SEE THE SITE PLAN. SEE PHOTOMETRIC PLAN FOR FREE STANDING LIGHTING INFORMATION.
8. ALL LANDSCAPE NOTES SHALL BE COORDINATED WITH ALL APPLICABLE SPECIFICATION SECTIONS. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR AND LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH WORK.
9. THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT ONE WEEK PRIOR TO BEGINNING CONSTRUCTION. PICTURES OF ALL PLANT MATERIAL SHALL BE INCLUDED WITH SAMPLES OF OTHER LANDSCAPE MATERIALS TO THE LANDSCAPE ARCHITECTS AND OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION.
10. WINTER WATERING SHALL BE AT THE EXPENSE OF THE CONTRACTOR UNTIL SUCH TIME AS FINAL ACCEPTANCE IS RECEIVED.
11. ALL LANDSCAPE CONSTRUCTION PRACTICES, WORKMANSHIP, AND ETHICS SHALL, BE IN ACCORDANCE WITH INDUSTRY STANDARDS.
12. LANDSCAPE AND IRRIGATION WORK SHALL BE COMPLETED PRIOR TO THE ISSUANCE OF THE FINAL CERTIFICATE OF OCCUPANCY.

FINISH GRADING AND SOIL PREPARATION

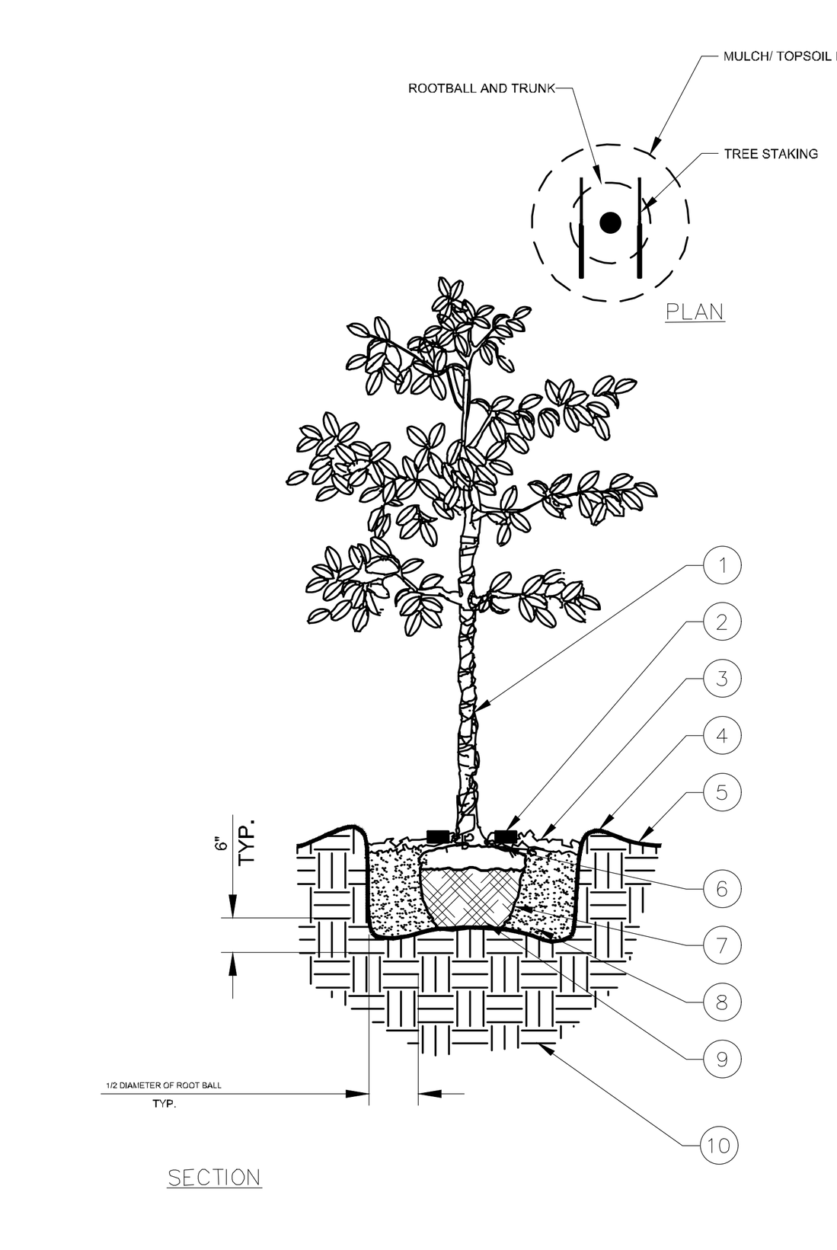
13. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN FINISH GRADES AS RECOMMENDED BY THE GEOTECHNICAL REPORT. ALL LANDSCAPE AREAS SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFIED IN THE REPORT, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL. SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GEOTECHNICAL REPORT, THE GRADING PLANS, THESE NOTES, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT AND OWNER.
14. ALL LANDSCAPED AREAS ARE TO RECEIVE A MINIMUM OF 8" OF TOPSOIL. 4" OF TOPSOIL IS ALLOWED AS A TOPDRESSING IN EXISTING LANDSCAPE BEDS. SEE 2900 SPECIFICATION.
15. AFTER FINISH GRADES HAVE BEEN ESTABLISHED, CONTRACTOR SHALL HAVE SOIL SAMPLES TESTED BY AN ESTABLISHED SOIL TESTING LABORATORY FOR THE FOLLOWING: GENERAL SOIL FERTILITY, pH, ORGANIC MATTER CONTENT, SALT (CEC), LIME, SODIUM ADSORPTION RATIO (SAR) AND BORON CONTENT. EACH SAMPLE SUBMITTED SHALL CONTAIN NO LESS THAN ONE QUART OF SOIL. CONTRACTOR SHALL ALSO SUBMIT THE PROJECT'S PLANT LIST TO THE LABORATORY ALONG WITH THE SOIL SAMPLES. THE SOIL REPORT PRODUCED BY THE LABORATORY SHALL CONTAIN RECOMMENDATIONS FOR THE FOLLOWING (AS APPROPRIATE): GENERAL SOIL PREPARATION AND BACKFILL MIXES, PRE-PLANT FERTILIZER APPLICATIONS, AND ANY OTHER SOIL RELATED ISSUES. THE REPORT SHALL ALSO PROVIDE A FERTILIZER PROGRAM FOR THE ESTABLISHMENT PERIOD AND FOR LONG-TERM MAINTENANCE.
16. AT A MINIMUM, PRIOR TO THE INSTALLATION OF ANY PLANT MATERIAL, INCLUDING SOD, APPLY A MINIMUM OF 4 CUBIC YARDS OF SOIL AMENDMENT PRODUCT PER 1,000 SQUARE FEET OF PERMEABLE AREA. THIS SOIL AMENDMENT PRODUCT MUST BE INCORPORATED OR ROTOTILLED TO A DEPTH OF 4-6 INCHES. THE SITE MUST BE RAKED SMOOTH AND FINISH GRADES MUST BE ESTABLISHED. ROCKS AND DEBRIS OVER 1-INCH DIAMETER THAT MAY INTERFERE WITH PLANTING AND MAINTENANCE OPERATIONS MUST BE REMOVED.

PLANTING

17. REFER TO SPECIFICATIONS FOR INFORMATION NEEDED FOR IMPLEMENTATION OF PLANTING PLANS.
18. ALL PLANT MATERIAL SHALL BE CONTAINER GROWN OR BALLED AND BUR LAPPED AS INDICATED IN THE PLANT LIST.
19. ALL DECIDUOUS TREES SHALL HAVE A STRAIGHT TRUNK WITH FULL, WELL-SHAPED HEADS/ALL EVERGREENS SHALL HAVE A STRAIGHT TRUNK UNSHEARED AND FULL TO THE GROUND; UNLESS OTHERWISE SPECIFIED. TREES WITH CENTRAL LEADERS WILL NOT BE ACCEPTED IF LEADER IS DAMAGED OR REMOVED. PRUNE ALL DAMAGED TWIGS AFTER PLANTING.
20. ALL PLANTS WITHIN A SPECIES SHALL HAVE SIMILAR SIZE AND SHALL BE HEALTHY, VIGOROUS, AND A FORM TYPICAL FOR THE SPECIES. ANY PLANT DEEMED UNACCEPTABLE BY THE LANDSCAPE ARCHITECT SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND SHALL BE REPLACED WITH AN ACCEPTABLE PLANT OF LIKE TYPE AND SIZE AT THE CONTRACTOR'S OWN EXPENSE. ANY PLANTS APPEARING TO BE UNHEALTHY, EVEN IF DETERMINED TO STILL BE ALIVE, SHALL NOT BE ACCEPTED. THE LANDSCAPE ARCHITECT SHALL BE THE SOLE JUDGE AS TO THE ACCEPTABILITY OF PLANT MATERIAL.
21. AFTER BEING DUG AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION.
22. ALL TREES MUST BE STAKED AS SHOWN IN THE DETAILS.
23. ALL PLANT MATERIALS SHALL BE TRUE TO TYPE, SIZE, SPECIES, QUALITY, AND FREE OF INJURY, BROKEN ROOT BALLS, PESTS, AND DISEASES, AS WELL AS CONFORM TO THE MINIMUM REQUIREMENTS DESCRIBED IN THE "AMERICAN STANDARD FOR NURSERY STOCK".
24. CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING PER SPECIFICATIONS TO MAINTAIN HEALTHY PLANT CONDITIONS.
25. ALL TREE AND SHRUB BED LOCATIONS ARE TO BE STAKED OUT ON SITE FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
26. ALL TREES PLANTED ADJACENT TO PUBLIC AND/OR PEDESTRIAN WALKWAYS SHALL BE PRUNED CLEAR OF ALL BRANCHES BETWEEN GROUND AND A HEIGHT OF EIGHT (8) FEET FOR THAT PORTION OF THE PLAN LOCATED OVER THE SIDEWALK AND/OR ROAD.
27. NO PLANT MATERIAL SHALL BE PLANTED PRIOR TO INSTALLATION OF TOPSOIL.
28. ALL PLANT BEDS SHALL BE CONTAINED WITH STEEL EDGER. STEEL EDGER IS NOT REQUIRED ALONG CURBS, WALKS OR BUILDING FOUNDATIONS. ALL EDGING SHALL OVERLAP AT JOINTS A MINIMUM OF 6-INCHES, AND SHALL BE FASTENED WITH A MINIMUM OF 4 PINS PER EACH 10 FOOT SECTION. THE TOP OF ALL EDGING MATERIAL SHALL BE A ROLLED TOP AND 1/2 INCH ABOVE THE FINISHED GRADE OF ADJACENT LAWN OR MULCH AREAS. COLOR: BLACK.
29. THE DEVELOPER, HIS SUCCESSOR, OR ASSIGNEE SHALL BE RESPONSIBLE FOR ESTABLISHING AND CONTINUING A REGULAR PROGRAM OF MAINTENANCE FOR ALL LANDSCAPED AREAS. SEE LANDSCAPE GUARANTEE AND MAINTENANCE NOTE.
30. A 3-FOOT CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF ALL FIRE HYDRANTS.
31. ALL GENERAL CONTRACTOR WORK TO BE COMPLETED (EARTHWORK, FINAL UTILITIES, AND FINAL GRADING) BY THE MILESTONE DATE IN PROJECT DOCUMENTS. OUTLOT AREA TO BE KEPT FREE OF JOB TRAILERS AND STORAGE AFTER THE CONTRACT MILESTONE DATE FOR THE OUTLOT. GENERAL CONTRACTOR TO PROVIDE CLEAR ACCESS FOR OUTLOT CONTRACTOR TO THE SPECIFIC PARCEL AT ALL TIMES AFTER MILESTONE DATE. PURCHASER OF OUTLOT TO PROVIDE PERMIT DOCUMENTS AND SWPPP REQUIRED BY STATE/LOCAL REQUIREMENTS FOR SPECIFIC OUTLOT.
32. THIS PLAN IS TO BE IMPLEMENTED COOPERATIVELY WITH SWPPP PLAN, AS NEEDED, TO MAXIMIZE THE EFFECTIVENESS OF THE SWPPP PLAN FOR THIS SITE.
33. THE CONTRACTOR IS ENCOURAGED TO COMPLETE TEMPORARY OR PERMANENT SEEDING OR SODDING IN STAGES FOR SOIL STABILIZATION AS AREAS ARE COMPLETED AFTER GRADING.
34. THIS PLAN DOES NOT PRESENT ANY TEMPORARY STABILIZATION REQUIRED AS PART OF SWPPP PLAN.
35. ALL MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION. LANDSCAPE CONTRACTOR TO SUBMIT SAMPLES OF MISCELLANEOUS LANDSCAPING MATERIALS TO THE LANDSCAPE ARCHITECTS AND OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION, IE.; MULCH, EDGER, LANDSCAPE FABRIC, ETC.
36. TREE WRAP ON ALL TREES IN PARKING LOT FOR 1ST 3 YEARS, TREE WRAP REMOVED IN SPRING (MAY 21ST).

MULCHING

37. AFTER ALL PLANTING IS COMPLETE, THE CONTRACTOR SHALL INSTALL A MINIMUM 4" THICK LAYER OF MULCH AS SPECIFIED IN THE PLANTING LEGEND. INSTALL A 4" THICK RING OF SHREDDED HARDWOOD MULCH AROUND ALL PLANT MATERIAL IN ROCK MULCH BEDS WHERE LANDSCAPING IS SHOWN ON THE PLANS. WOOD MULCH RINGS SHALL BE EQUAL TO THE DIAMETER OF THE CONTAINER OR EQUAL TO THE SPREAD OF THE PLANT, WHICHEVER IS GREATER. TREE WOOD MULCH RING SIZE SHALL BE INDUSTRY STANDARD WIDTH.
38. ALL MULCH SHALL BE HARVESTED IN A SUSTAINABLE MANNER FROM A LOCAL SOURCE.
39. INSTALL WEED BARRIER FABRIC UNDER ALL ROCK MULCH SHRUB BEDS AND PARKING ISLANDS AS SPECIFIED ON THE PLANS ONLY. NO LANDSCAPE FABRIC SHALL BE USED IN WOOD MULCH AREAS. NO PLASTIC WEED BARRIERS SHALL BE SPECIFIED.
40. ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN INSTALLED.
41. ALL PLANTING AREAS WITH LESS THAN A 4:1 GRADIENT SHALL RECEIVE A LAYER OF MULCH, TYPE AND DEPTH PER PLANS. SUBMIT 1 CUBIC FOOT SAMPLE OF MULCH (ONE SAMPLE PER TYPE) TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. THE MULCH SHALL BE SPREAD EVENLY THROUGHOUT ALL PLANTING AREAS EXCEPT SLOPES 4:1 OR STEEPER, OR AS OTHERWISE DENOTED ON THE PLAN. ABSOLUTELY NO EXPOSED GROUND SHALL REMAIN IN AREAS TO RECEIVE MULCH AFTER MULCH HAS BEEN INSTALLED.
42. ALL PLANTING AREAS ON SLOPES OVER 4:1 SHALL RECEIVE COCONUT FIBER EROSION CONTROL NETTING FROM ROLLS. NETTING SHALL BE #CT-125, AS MANUFACTURED BY NORTH AMERICAN GREEN (OR EQUAL). INSTALL AND STAKE PER MANUFACTURER'S SPECIFICATIONS. SEE ALSO THE CIVIL ENGINEER'S EROSION CONTROL PLAN.

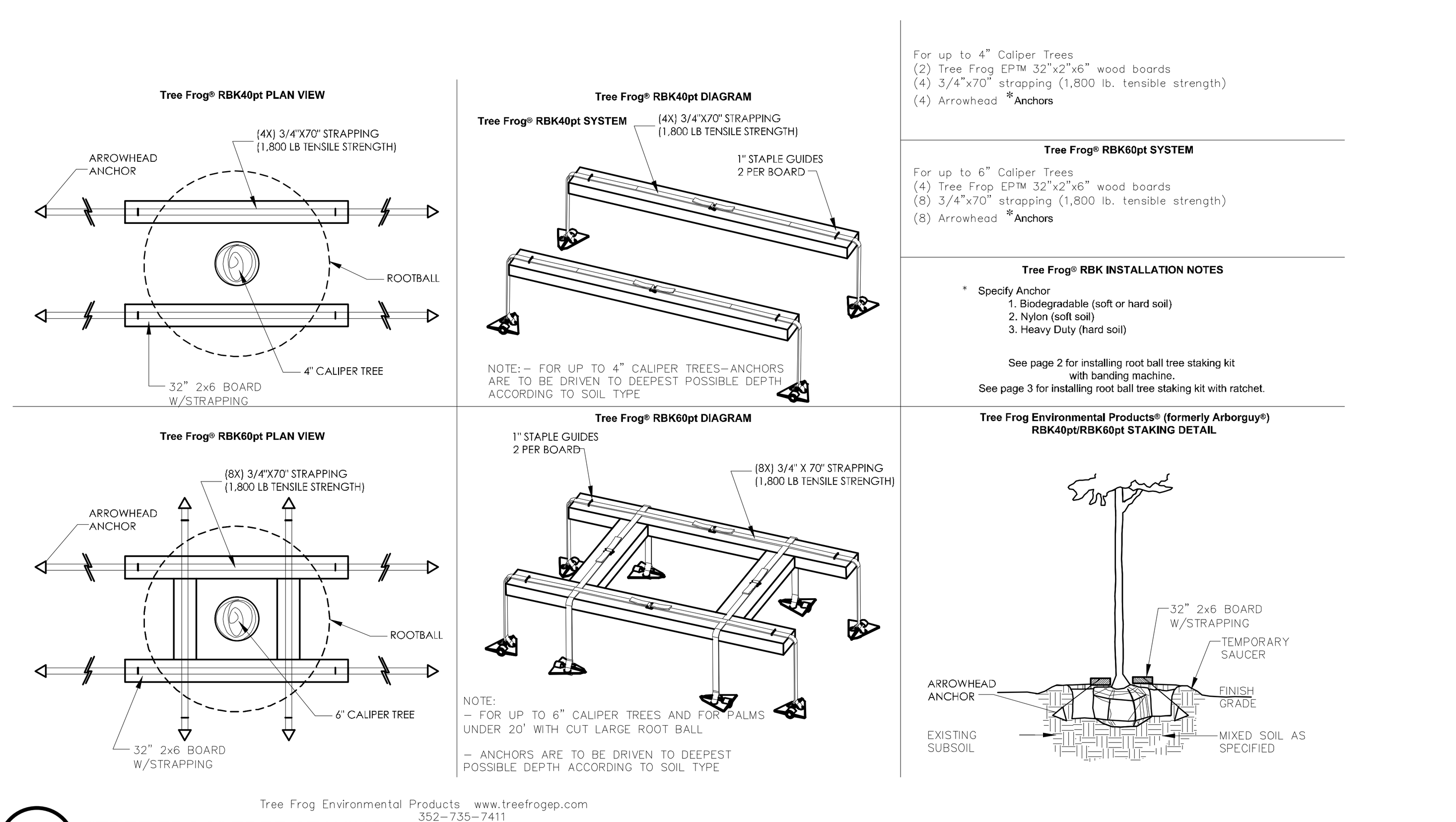


NOTES:

A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.
B. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLE TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL.
C. SEE LANDSCAPE NOTES FOR THE TYPE OF MULCH MATERIAL TO USE.
D. PRUNE TREE AS DIRECTED BY LANDSCAPE ARCHITECT.
E. BRANCHING HEIGHT TO A.A.N. STANDARDS.

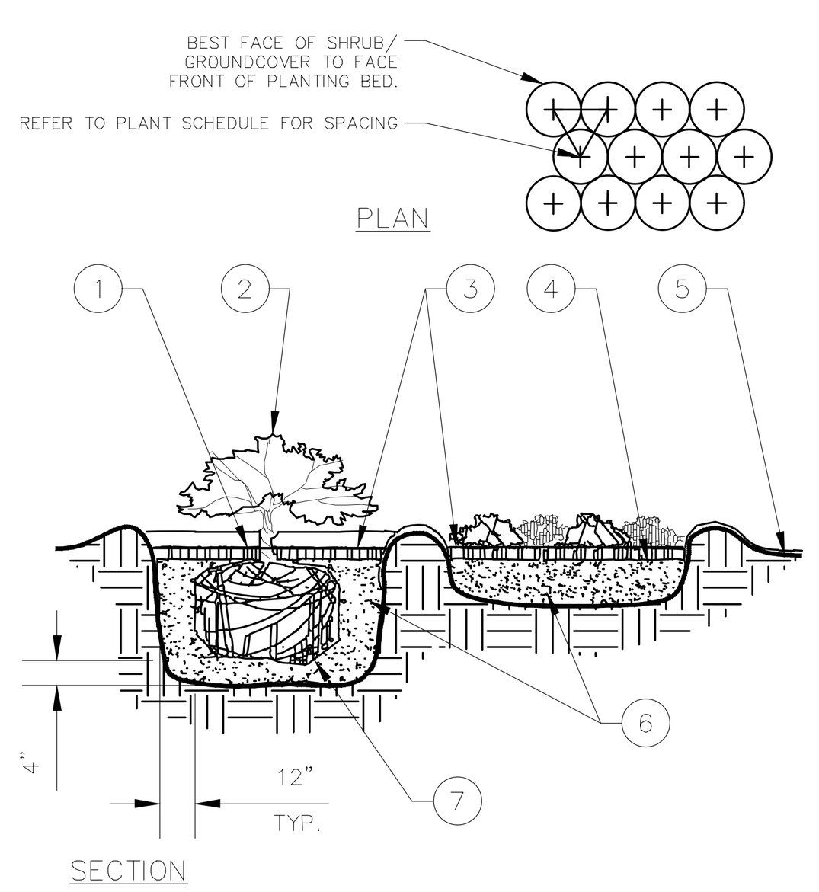
1. TREE WRAP.
2. Tree Frog® RBK40pt FOR UP TO 4" TREE CALIPER OR Tree Frog® RBK60pt FOR GREATER THAN 4" AND UP TO 6" TREE CALIPER. REFER TO SITEWORK SPECIFICATIONS FOR APPROVED MATERIALS AND INSTALLATION REQUIREMENTS.
3. 4" MINIMUM OF HARDWOOD MULCH COMPACTED OR AS SPECIFIED.
4. 3" HIGH SOIL BERM TO HOLD WATER.
5. FINISHED GRADE (SEE GRADING PLAN).
6. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
7. B & B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS).
8. PREPARED PLANTING SOIL AS SPECIFIED.
9. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING ROOTBALLS SMALLER THAN 24" IN DIA. MAY SIT ON COMPACTED EARTH.
10. UNDISTURBED SUBSOIL.

1 TREE PLANTING DETAIL (14' OR GREATER)
SCALE: NOT TO SCALE



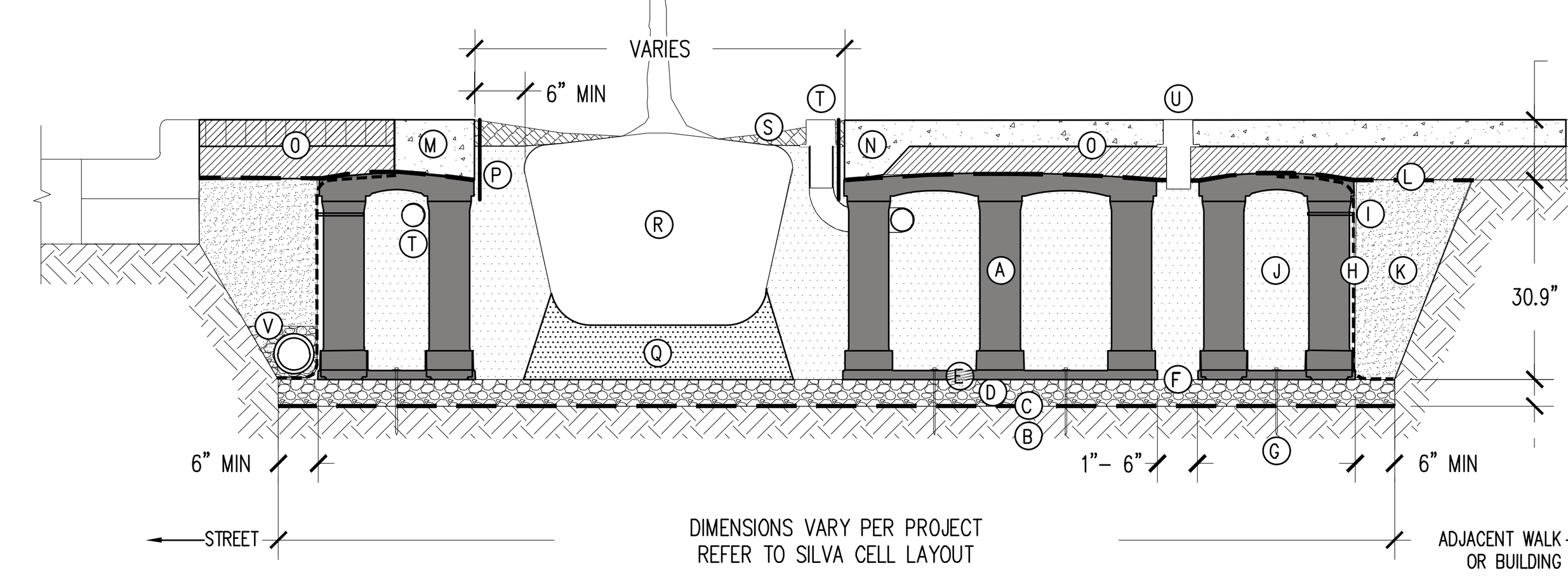
Tree Frog Environmental Products www.treefrogep.com 352–735–7411

2 "TREE FROG" TREE STAKING
SCALE: NOT TO SCALE



1. TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" - 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOTBALL.
2. WHEN USED IN MASSES- PRUNE ALL SHRUBS TO ACHIEVE A UNIFORM MASS/HEIGHT.
3. 4" MINIMUM OF HARDWOOD MULCH COMPACTED OR AS SPECIFIED.
4. EXCAVATE ENTIRE BED SPECIFIED FOR GROUNDCOVER BED.
5. 8" MINIMUM OF TOPSOIL TO BRING TO FINISHED GRADE (SEE GRADING PLAN).
6. PREPARED PLANTING SOIL AS SPECIFIED. NOTE: WHEN GROUND- COVERS AND SHRUBS USED IN MASSES ENTIRE BED TO BE AMENDED WITH PLANTING SOIL MIX AS SPECIFIED IN THE PLANTING SPECIFICATION.
7. SCARIFY ROOTBALL SIDES AND BOTTOM.

3 SHRUB/GROUNDCOVER PLANTING
SCALE: NOT TO SCALE



4 SILVA CELL SYSTEM 2X
NOT TO SCALE

KEY PLAN

- (A) SILVA CELL SYSTEM (DECK, BASE, AND POSTS)
- (B) SUBGRADE, COMPACTED
- (C) GEOTEXTILE FABRIC, PLACED ABOVE SUBGRADE
- (D) 4" MIN AGGREGATE SUB BASE, COMPACTED TO 95% PROCTOR
- (E) SILVA CELL BASE SLOPE, 10% MAX
- (F) 1" TO 6" SPACING BETWEEN SILVA CELLS AT BASE
- (G) ANCHORING SPIKES, CONTACT DEEPROOT FOR ALTERNATIVE
- (H) GEOGRID, WRAPPED AROUND PERIMETER OF SYSTEM, WITH 6" TOE (OUTWARD FROM BASE) AND 12" EXCESS (OVER TOP OF DECK)
- (I) CABLE TIE, ATTACHING GEOGRID TO SILVA CELL AT BASE OF UPPER LEG FLARE, AS NEEDED
- (J) PLANTING SOIL, PER PROJECT SPECIFICATIONS, PLACED IN LIFTS AND WALK–IN COMPACTED TO 75–85% PROCTOR
- (K) COMPACTED BACKFILL, PER PROJECT SPECIFICATIONS
- (L) GEOTEXTILE FABRIC TO EDGE OF EXCAVATION
- (M) RIBBON CURB AT TREE OPENING (TO BE USED WITH PAVERS OR ASPHALT)
- (N) THICKENED EDGE AT TREE OPENING (TO BE USED WITH CONCRETE)
- (O) PAVEMENT AND AGGREGATE BASE PER PROJECT *
- (P) DEEPROOT ROOT BARRIER, 12" OR 18", DEPTH DETERMINED BY THICKNESS OF PAVEMENT SECTION, INSTALL DIRECTLY ADJACENT TO CONCRETE EDGE RESTRAINT
- (Q) PLANTING SOIL BELOW ROOT BALL, COMPACTED WELL TO PREVENT SETTLING
- (R) ROOT BALL
- (S) TREE OPENING TREATMENT, PER PROJECT SPECIFICATIONS
- (T) DEEPROOT WATER AND AIR VENT, ROOTBALL, WHEN REQUIRED
- (U) DEEPROOT WATER AND AIR VENT, WHEN REQUIRED
- (V) UNDERDRAIN SYSTEM, WHEN REQUIRED (LOCATION AND DETAILS BY OTHERS)

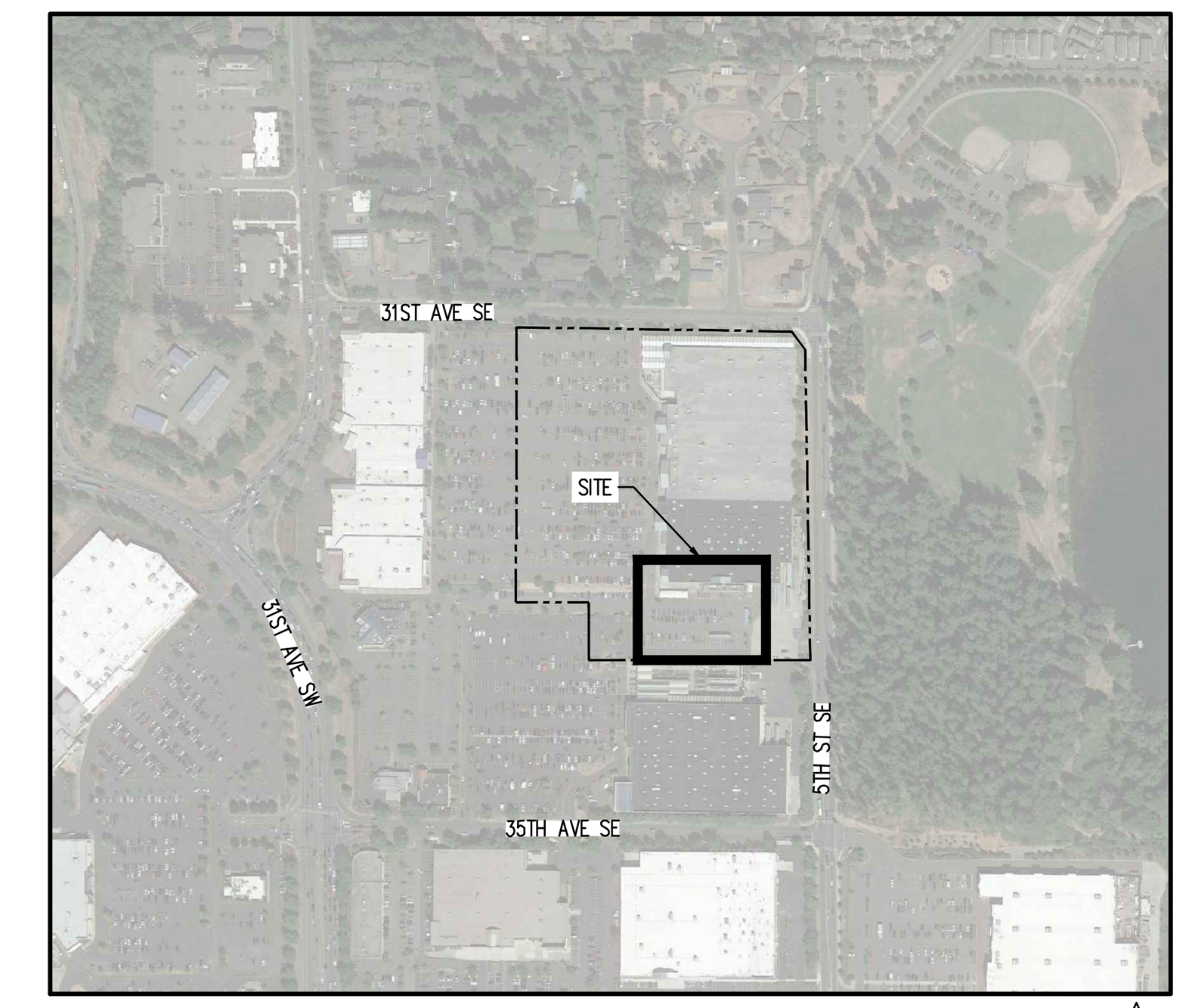
*MINIMUM PAVEMENT PROFILE OPTIONS TO MEET H–20 LOADING

PAVEMENT COURSE		+ AGGREGATE BASE
4" CONCRETE	+ 4"	AGGREGATE
3" PAVER	+ 12"	AGGREGATE
4" ASPHALT	+ 12"	AGGREGATE
2.6" PAVER	+ 5"	CONCRETE

NOTE
1. EXCAVATION SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE HEALTH AND SAFETY REGULATIONS
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
3. PROVIDE SUPPLEMENTAL IRRIGATION
4. DO NOT SCALE DRAWINGS

TOP SOIL NOTE

A MINIMUM OF EIGHT (8) INCHES OF TOP SOIL, CONTAINING TEN PERCENT DRY WEIGHT IN PLANTING BEDS, AND 5% ORGANIC MATTER CONTENT IN TURF AREAS, AND A PH FROM 6.0 TO 8.0 OR MATCHING THE PH OF THE ORIGINAL UNDISTURBED SOIL. THE TOPSOIL LAYER SHALL HAVE A MINIMUM DEPTH OF EIGHT INCHES (8") EXCEPT WHERE TREE ROOTS LIMIT THE DEPTH OF INCORPORATION OF AMENDMENTS NEEDED TO MEET THE CRITERIA. SUBSOILS BELOW THE TOPSOIL LAYER SHOULD BE SCARIFIED AT LEAST 6 INCHES WITH SOME INCORPORATION OF THE UPPER MATERIAL TO AVOID STRATIFIED LAYERS, WHERE FEASIBLE. INSTALLATION OF THE EIGHT INCHES (8") OF TOP SOIL, AS DESCRIBED ABOVE, SHALL GENERALLY BE ACHIEVED BY PLACING FIVE INCHES (5") OF IMPORTED SANDY-LOAM TOP SOIL INTO PLANNED LANDSCAPE AREAS (SUB-BASE SCARIFIED FOUR INCHES (4")) WITH A THREE-INCH (3") LAYER OF COMPOST TILLED INTO THE ENTIRE DEPTH.

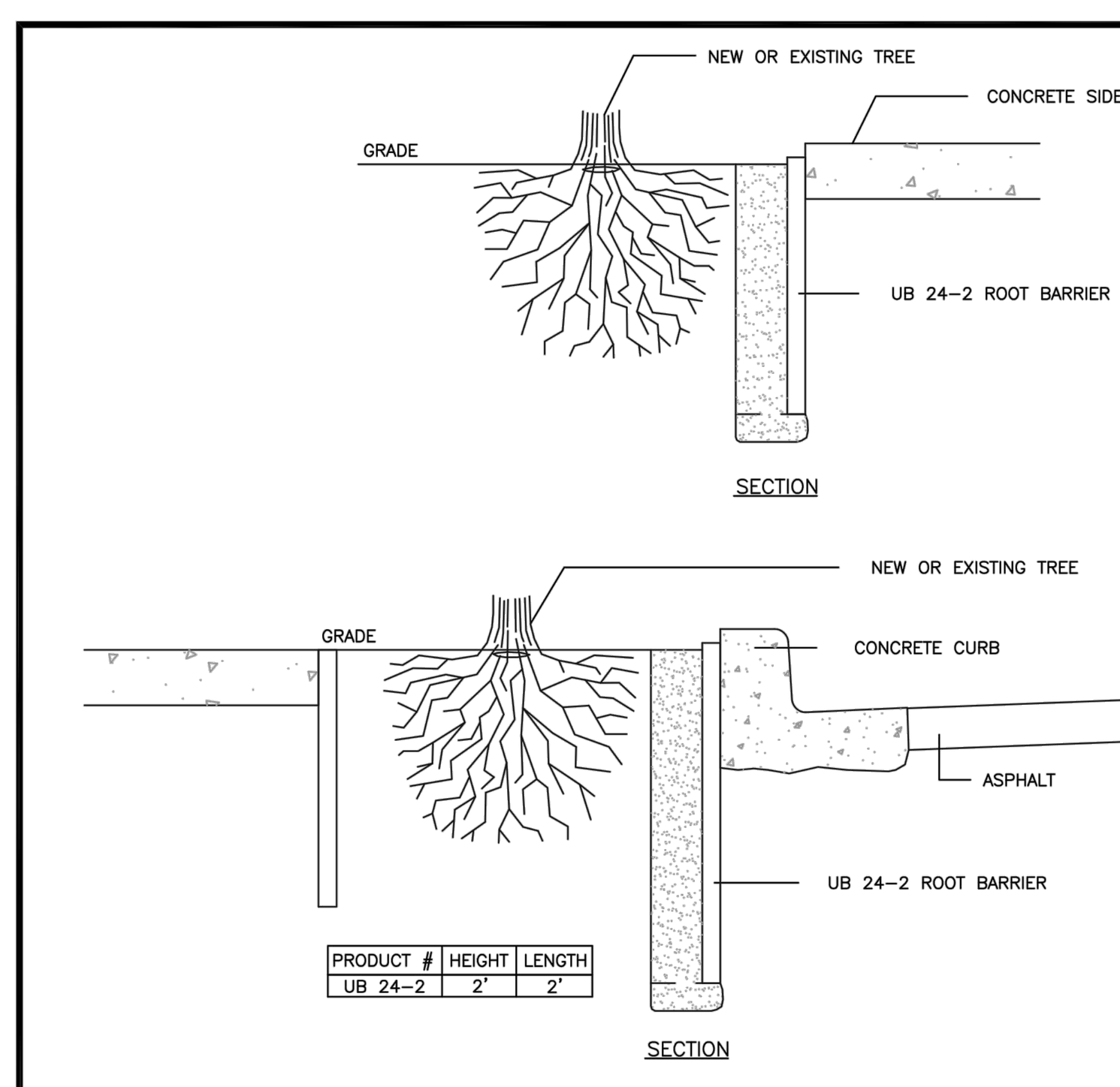


KEY MAP
APPROX. 1" = 500'

N

TREE PROTECTION NOTES:

1. USE CITY OF PUYALLUP, WA TREE PROTECTION NOTES. TREE PROTECTION NOTES BELOW SHALL BE USED FOR FURTHER INTEGRATION.
2. "PROTECTED ZONE" FOR EXISTING TREES: BEFORE BEGINNING ANY DEMOTION OR CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL INSTALL TEMPORARY FENCING AROUND ALL EXISTING TREES WITHIN THE CONSTRUCTION ZONE THAT ARE TO BE SAVED. THE FENCE SHALL BE INSTALLED NO CLOSER TO THE TREE THAN THE EDGE OF THE TREE'S PROTECTED ZONE, GENERALLY DEFINED AS THE AREA BEGINNING FIVE FEET OUTSIDE OF THE TREE'S DRIPLINE AND EXTENDING TOWARDS THE TREE (OR AS FAR AWAY FROM THE TRUNK AS PRACTICABLE). THE FENCING SHALL BE OF A MATERIAL AND HEIGHT ACCEPTABLE TO THE LANDSCAPE ARCHITECT. ALL CONTRACTORS AND THEIR CREWS SHALL NOT BE ALLOWED INSIDE THIS "PROTECTED ZONE" NOR SHALL THEY BE ALLOWED TO STORE OR DUMP FOREIGN MATERIALS WITHIN THIS AREA. NO WORK OF ANY KIND, INCLUDING TRENCHING, SHALL BE ALLOWED WITHIN THE PROTECTED ZONE EXCEPT AS DESCRIBED BELOW. THE FENCING SHALL REMAIN AROUND EACH TREE TO BE SAVED UNTIL THE COMPLETION OF CONSTRUCTION OPERATIONS.
3. TEMPORARY MULCH: TO ALLEVIATE SOIL COMPACTION IN ANTICIPATED AREAS OF HIGH CONSTRUCTION TRAFFIC, AND ONLY WHERE FENCING CANNOT BE SET FIVE FEET OUTSIDE OF THE DRIPLINE, THE CONTRACTOR SHALL INSTALL A LAYER OF MULCH, 9"-12" THICK, OVER ALL EXPOSED EARTH FROM THE TREE TRUNK TO 5' OUTSIDE OF THE DRIPLINE. THIS LAYER SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. WHEN PLANTING OPERATIONS ARE COMPLETED, THE MULCH SHALL BE REDISTRIBUTED THROUGHOUT ALL PLANTING AREAS IN A 3" THICK "PERMANENT" MULCH LAYER.
4. NECESSARY WORK: WHEN IT BECOMES NECESSARY TO ENTER THE "PROTECTED ZONE", SUCH AS FOR FINE GRADING, IRRIGATION INSTALLATION, AND PLANTING OPERATIONS, THE CONTRACTOR SHALL STRICTLY ADHERE TO THE FOLLOWING RULES:
   A. EVERY EFFORT SHALL BE MADE TO PRESERVE THE EXISTING GRADE AROUND PROTECTED TREES IN AS WIDE AN AREA AS POSSIBLE.
   B. TRENCHING WITHIN THE PROTECTED ZONE OF EXISTING TREES SHALL BE PERFORMED BY HAND, AND WITH EXTREME CARE NOT TO SEVER ROOTS 1-1/2" IN DIAMETER AND LARGER. WHERE ROOTS 1-1/2" IN DIAMETER AND LARGER ARE ENCOUNTERED, THE CONTRACTOR SHALL TUNNEL UNDER SAID ROOTS. EXPOSED ROOTS THAT HAVE BEEN TUNNELED UNDER SHALL BE WRAPPED IN WET BURLAP AND KEPT MOIST WHILE THE TRENCH IS OPEN.
   C. WHERE ROOTS 1-1/2" IN DIAMETER OR LARGER MUST BE CUT DUE TO EXTENSIVE GRADE CHANGES, THOSE ROOTS MUST BE EXPOSED BY HAND DIGGING AND CUT CLEANLY. RAGGED CUTS GENERALLY DO NOT HEAL PROPERLY, AND MAY LEAVE THE TREE OPEN TO PESTS AND PATHOGENS.
   D. WHERE TRENCHING NEAR TREES HAS ALREADY OCCURRED FROM PREVIOUS CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL MAKE EVERY EFFORT TO CONFINE HIS TRENCHING OPERATIONS TO THE PREVIOUSLY-CREATED TRENCHES, WHILE ADHERING TO THE CONDITIONS SET FORTH IN 3B.
4. POTENTIAL CONFLICTS: THE CONTRACTOR SHALL NOTIFY THE OWNER AND ARBORIST SHOULD ANY POTENTIAL CONFLICTS ARISE BETWEEN THESE SPECIFICATIONS AND/OR LARGE ROOTS ENCOUNTERED IN THE FIELD, AND CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL NOT TAKE ANY ACTION IN SUCH CONFLICTS WITHOUT THE ARBORIST'S WRITTEN APPROVAL. THE ARBORIST SHALL HAVE FINAL AUTHORITY OVER ALL METHODS NECESSARY TO HELP ENSURE THE PROTECTION AND SURVIVAL OF EXISTING TREES.
5. PRUNING: PRUNE ONLY THE TREES THAT ARE INDICATED ON THE PLANS AS REQUIRING PRUNING. PRUNE TREES ACCORDING TO INTERNATIONAL SOCIETY OF ARBORICULTURE / ANSI A300 STANDARDS:
   A. REMOVE ALL DEAD WOOD.
   B. PRUNE LIVE WOOD FOR HEALTH OR STRUCTURAL REASONS ONLY, INCLUDING THE NEED TO ELIMINATE DISEASED OR DAMAGED GROWTH, ELIMINATE STRUCTURALLY UNSOUND GROWTH, REDUCE THE POTENTIAL FOR WIND TOPPLING OR WIND DAMAGE, OR TO MAINTAIN GROWTH WITHIN LIMITED SPACE. DO NOT REMOVE MORE THAN 25% OF ANY TREE'S LIVE FOLIAGE IN ANY ONE GROWING SEASON. PRUNE ONLY TO INTERNATIONAL SOCIETY OF ARBORICULTURE/ANSI A300 STANDARDS, AND ONLY UNDER THE DIRECT SUPERVISION OF A CERTIFIED ARBORIST.
   C. FINAL CUTS SHALL BE MADE JUST OUTSIDE THE SHOULDER RING AREA. EXTREMELY FLUSHED CUTS WHICH PRODUCE LARGE WOUNDS SHALL NOT BE MADE.
   D. ALL TRIMMING CUTS SHALL BE PERFORMED IN SUCH A MANNER AS TO PROMOTE THE NATURAL GROWTH AND SHAPE OF EACH TREE SPECIES.
   E. IMPROPER PRUNING METHODS INCLUDING, BUT NOT LIMITED TO, "TOPPING", "TIPPING", "HEADING BACK", "DEHORNING", AND "LIONTAILING" WILL NOT BE ALLOWED. THE CONTRACTOR SHALL PAY FOR ALL WORK NECESSARY TO CORRECT SUCH PRUNING WHEN PERFORMED BY HIS CREWS OR SUBCONTRACTORS.
   F. SHOULD THE CONTRACTOR REQUIRE MORE INFORMATION, THE CONTRACTOR SHALL CONTACT THE ISA AT (217) 355-9411 FOR A COPY OF THE ANSI A300 PRUNING STANDARDS. CONTRACTOR SHALL ADHERE TO THE METHODS AND PRACTICES SET FORTH IN THIS DOCUMENT.
6. LANDSCAPE AND IRRIGATION (NATIVE TREES ONLY): ANY FUTURE LANDSCAPE AND IRRIGATION SHOULD ADHERE TO THE FOLLOWING GUIDELINES:
   A. NO IRRIGATION OR PLANTING SHOULD OCCUR CLOSER THAN 8'-10' FROM THE TRUNK.
   B. WHERE IRRIGATION DOES OCCUR WITHIN THE PROTECTED ZONE, DRIP IRRIGATION SHOULD BE USED WHEREVER POSSIBLE. ADDITIONALLY, ONLY PLANTS WITH LOW WATER NEEDS SHOULD BE PLANTED WITHIN THE PROTECTED ZONE, SPACED FAR APART WHERE CLOSE TO THE TREE. PLANTS MAY BE SPACED CLOSER TOGETHER NEAR THE EDGE OF THE PROTECTED ZONE.



PRODUCT #	HEIGHT	LENGTH
UB 24–2	2'	2'

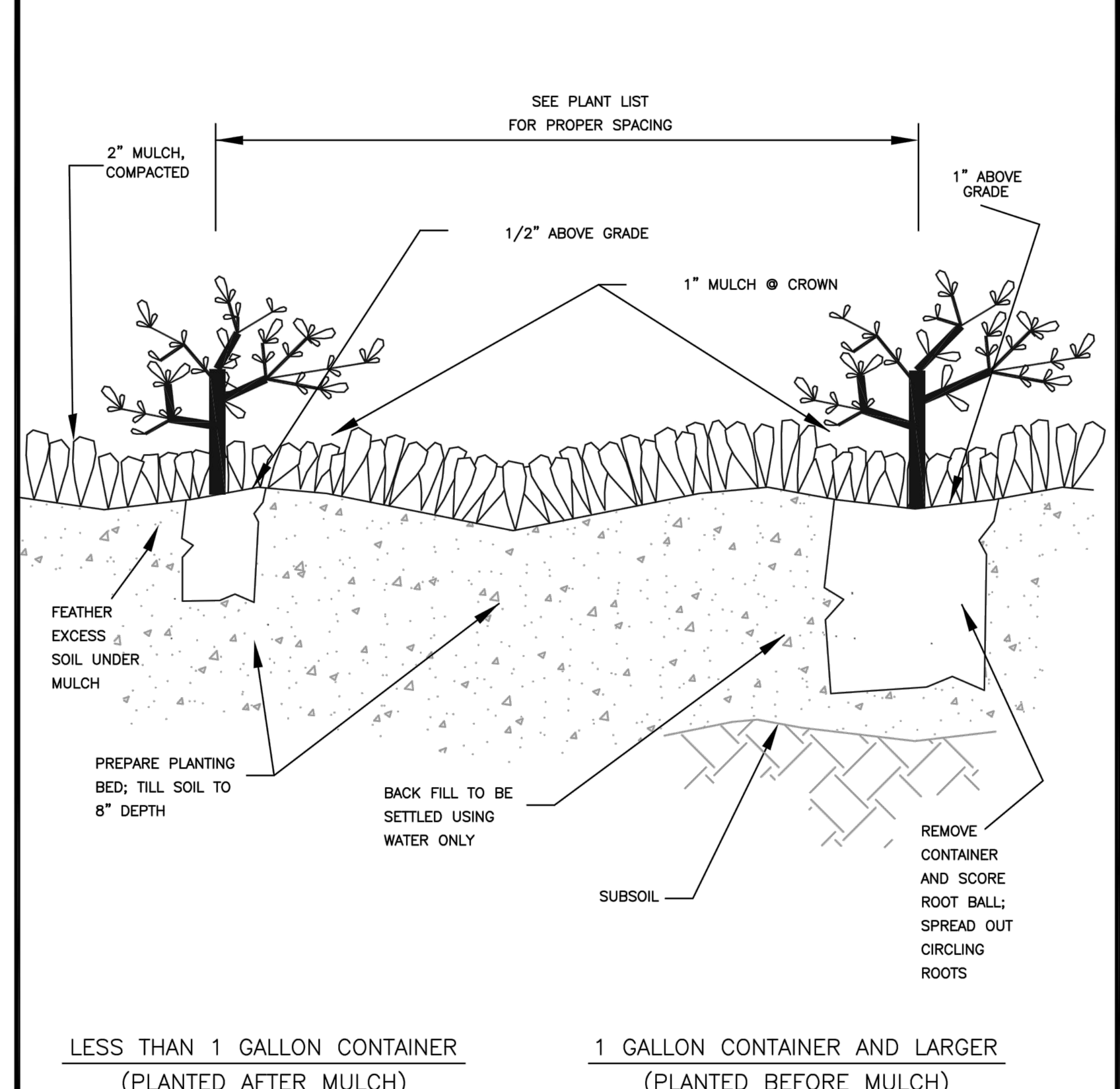
NOTES:
1. ROOT BARRIERS SHALL BE REQUIRED IN ALL STREET TREE PLANTING INSTALLATIONS WHETHER NEW OR EXISTING, WHEN STREET TREES ARE INSTALLED IN RIGHT–OF–WAY OR IN A PLANTING EASEMENT*.
2. ROOT BARRIERS USED SHALL BE DeepRoot ROOT BARRIERS OR EQUIVALENT.
3. UB – 24 SHALL BE USED
4. ROOT BARRIERS SHALL BE INSTALLED IF REQUIRED BY THE CITY.
5. INSTALLATION OF ROOT BARRIERS TO BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
6. THE PANEL SHALL BE INSTALLED SO THE VERTICAL RIBS FACE THE ROOTS OF THE TREE. A MINIMUM OF FOUR (4) PANELS SHALL BE INSTALLED ON EACH SIDE OF ROOT BALL FOR 8' OF PROTECTION.
7. FOR PRODUCT INFORMATION VISIT: http://www.deeproot.com/template.php?sec=products&nav=treeRoot&content=rb_app&sub=2&lsel=1

*"PLANTING EASEMENT" SHALL MEAN THAT PORTION OF LAND MADE AVAILABLE AS A PUBLIC EASEMENT FOR THE PURPOSE OF PLANTING AND MAINTAINING CITY STREET TREES. ALL STREET TREES PLANTED WITHIN A PLANTING EASEMENT SHALL BE PLANTED WITHIN THREE FEET OF RIGHT–OF–WAY.

CITY OF PUYALLUP — DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

ROOT BARRIER DETAIL

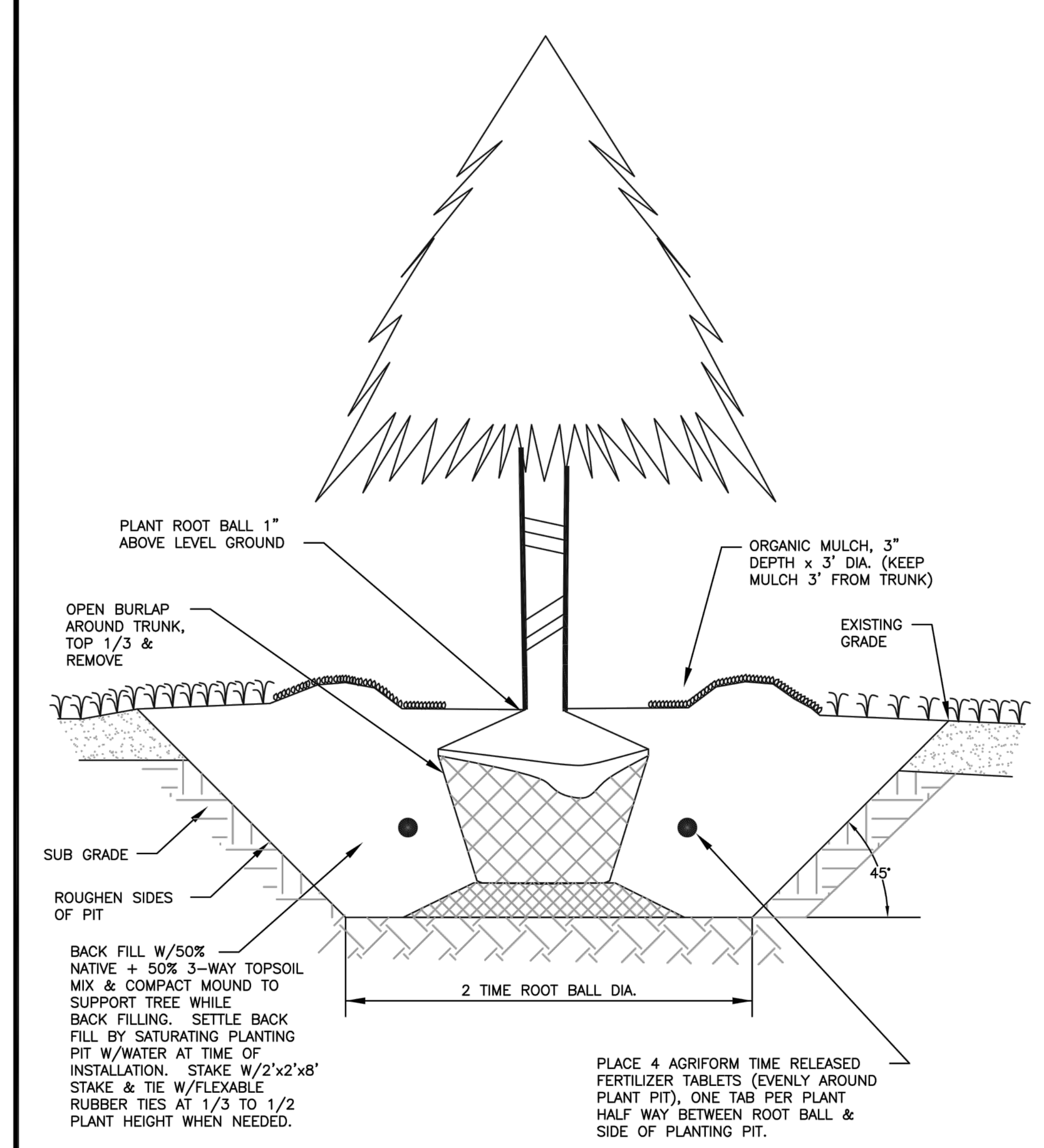
DRAWN BY	CHECKED BY	APPROVED BY	REVISED BY	CITY STANDARD
JIM ERWIN-SVOBODA	CHRIS BEALE	COLLEEN HARRIS	LINDA LIAN	01.02.03
FILE NAME: F:\DWG\COMMON\STDS\CITY\2009\01_STR\01.02\01.02.03		DATE APPROVED: 07/01/2009	DATE REVISED: 08/01/2015; SCALE: 1:1	



CITY OF PUYALLUP — DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

GROUND COVER PLANTING DETAIL

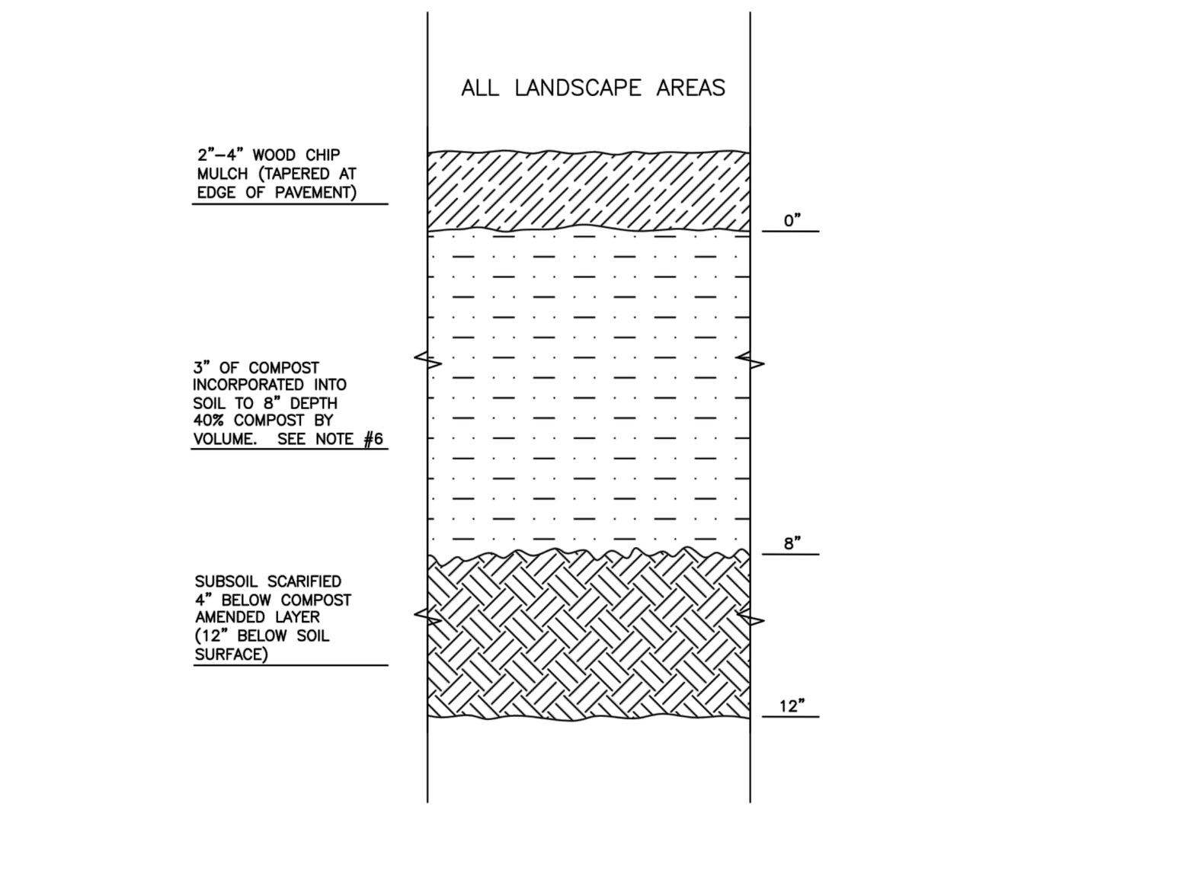
DRAWN BY	CHECKED BY	APPROVED BY	REVISED BY	CITY STANDARD
JIM ERWIN-SVOBODA	LINDA LIAN	COLLEEN HARRIS	XXXX	01.02.05
FILE NAME: F:\DWG\COMMON\STDS\CITY\2009\01_STR\01.02\01.02.05		DATE APPROVED: 07/01/2009	DATE REVISED: XX/XX/XX; SCALE: 4:1	



CITY OF PUYALLUP — DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

BALL AND BURLAP PLANTING DETAIL

DRAWN BY	CHECKED BY	APPROVED BY	REVISED BY	CITY STANDARD
JIM ERWIN-SVOBODA	LINDA LIAN	COLLEEN HARRIS	XXXX	01.02.08
FILE NAME: F:\DWG\COMMON\STDS\CITY\2009\01_STR\01.02\01.02.08		DATE APPROVED: 07/01/2009	DATE REVISED: XX/XX/XX; SCALE: 1:5	



NOTES:
1. ALL SOIL AREAS DISTURBED OR COMPACTED DURING CONSTRUCTION, AND NOT COVERED BY BUILDINGS OR PAVEMENT, SHALL BE AMENDED WITH COMPOST AS DESCRIBED BELOW.
2. SUBSOIL SHOULD BE SCARIFIED (LOOSENED) 4 INCHES BELOW AMENDED LAYER, TO PRODUCE 12–INCH DEPTH OF UN–COMPACTED SOIL, EXCEPT WHERE SCARIFICATION WOULD DAMAGE TREE ROOTS OR AS DETERMINED BY THE ENGINEER. SEE NOTE BELOW REGARDING PLANTING STEPS FOR STREET TREES.
3. COMPOST SHALL BE TILLED IN TO 8 INCH DEPTH INTO EXISTING SOIL, OR PLACE 8 INCHES OF COMPOST–AMENDED SOIL, PER SOIL SPECIFICATION.
4. PLANTING BEDS SHALL RECEIVE 3 INCHES OF COMPOST TILLED IN TO 8–INCH DEPTH, OR MAY SUBSTITUTE 8" OF IMPORTED SOIL CONTAINING 35–40% COMPOST BY VOLUME. MULCH AFTER PLANTING, WITH 4 INCHES OF ARBORIST WOOD CHIP MULCH OR APPROVED EQUAL (6" OF LOOSE WOOD CHIPS AT THE TIME OF PLANTING TO ALLOW SETTLING TO 4").
5. SETBACKS: TO PREVENT UNEVEN SETTLING, DO NOT COMPOST–AMEND SOILS WITHIN 3 FEET OF UTILITY INFRASTRUCTURES (POLES, VAULTS, METERS ETC.). WITHIN ONE FOOT OF PAVEMENT EDGE, CURBS AND SIDEWALKS SOIL SHOULD BE COMPACTED TO APPROXIMATELY 95% PROCTOR TO ENSURE A FIRM SURFACE.
6. SEE SECTION 8.2(B) OF THE VMS FOR SOIL AMENDMENT AND INSTRUCTION PROCEDURES FOR STREET TREE PLANTER STRIPS. ALL STREET TREE PLANTER STRIPS SHALL RECEIVE 40% COMPOST AMENDED SOIL TO THE FULL DEPTH OF THE STREET TREE ROOTBALL.

CITY OF PUYALLUP — DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

SOIL AMENDMENT AND DEPTH

DRAWN BY	CHECKED BY	APPROVED BY	REVISED BY	CITY STANDARD
LINDA LIAN	CHRIS BEALE	COLLEEN HARRIS	XXXX	01.02.08a
FILE NAME: F:\DWG\COMMON\STDS\CITYSTDS\STR\01.02.08		DATE APPROVED: 08/01/2015	DATE REVISED: XX/XX/XX; SCALE: 1:1	

CAUTION – NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POTHOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

Galloway
1755 Telstar Drive, Colorado Springs, 719.900.7220, GallowayUS.com

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

STATE OF WASHINGTON — TROY NOSER — LICENSED LANDSCAPE ARCHITECT — 1596 EPX.
07/27/2023

Walmart
PUYALLUP, WA
310 31ST AVE SE
STORE NO: 02403-278
JOB NUMBER: WDP002403.20 | PROTO: PICKUP ENHNCMNT

ISSUE BLOCK

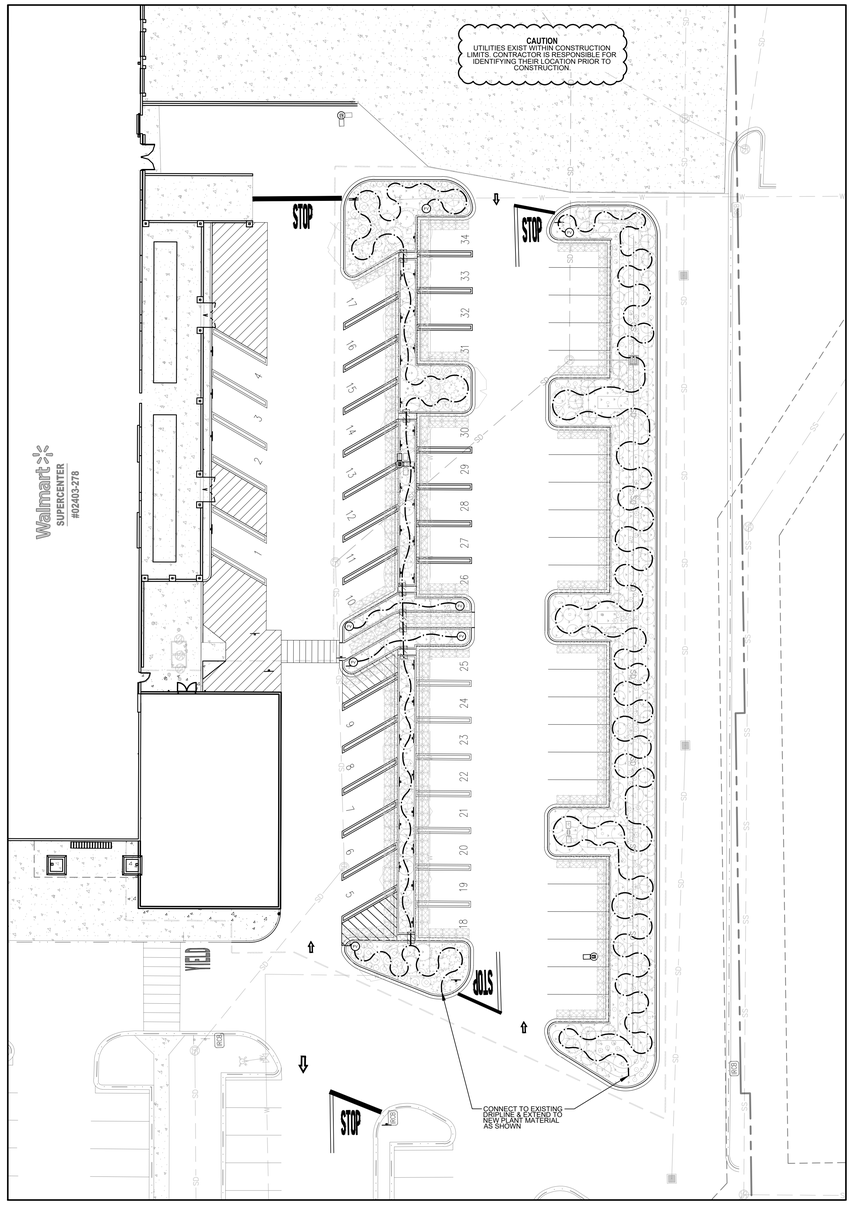
10	CCD#7	07/02/2024

CHECKED BY:	KES
DRAWN BY:	EDN
PROTO CYCLE:	–
DOCUMENT DATE:	09/08/21

LANDSCAPE NOTES AND DETAILS

SHEET: L1.1

PRCA202231436 - Revision 1: RELOCATE LADDER FROM GROUND TO ROOF FOR SECURITY & SAFETY, DOWNSPOUTS CONNECTED TO STORM FOR PEDESTRIAN SAFETY



IRRIGATION PLAN
APPROX. 1" = 20'

IRRIGATION LEGEND

SYMBOL	MANUF.	MODEL NO.	DESCRIPTION	REMARKS/DETAIL
DRIP SYSTEM				
POINT SOURCE EMITTERS	RAINBIRD	FOR LANDSCAPE BED AREAS - XBS-XXX	XERI BLACK STRIPE POLY TUBING (OR APPROVED EQUAL), CONNECTION TO PVC LATERAL PER CONTRACTOR, ATTACH TREE & SHRUB DRIP EMITTERS PER THE EMITTER SCHEDULE BELOW. USE 3/4-INCH POLY TUBING SIZE UNLESS OTHERWISE NOTED. FLOWS IN GPM FOR LINE CHANGES SHALL BE: (3/4"-1 TO 7 GPM), (1"-8 TO 14 GPM), (1-1/2"-15 TO 35 GPM). INSTALL SEVERAL INLINE CHECK VALVES IN ZONES W/ LARGE ELEVATION DIFFERENCES. GROUP DRIP CONTROLLER VALVES TOGETHER TO MAXIMIZE WATER WINDOWS.	DETAIL 1 / IR1.0
FV	NIBCO	4660-S	MANUAL DRIPLINE FLUSH VALVE	DETAIL 2 / IR1.0
	PROVIDE THE FOLLOWING DRIP EMITTERS FOR EACH PLANT:	PLANTS, 1 GALLON AND SMALLER: 1, XB-10PC - (1 GPH) EMITTER PER PLANT PLANTS, 5 GALLON: 2, XB-10PC - (2 GPH) EMITTERS PER PLANT UPRIGHT JUNIPERS, 10-15 GALLON: 3, XB-10PC - (3 GPH) EMITTERS PER TREE TREES, 1" TO 2-1/2" CALIPER: 4, XB-10PC - (4 GPH) EMITTERS PER TREE TREES, 3" TO 4" CALIPER: 7, XB-10PC - (7 GPH) EMITTERS PER TREE	- - -
MAIN LINE/ LATERALS & SLEEVES				
	ANY APPROVED	IRRIGATION SLEEVE - SCHEDULE 40 PVC TWICE THE SIZE OF THE PIPE TO BE INSERTED, ONE SLEEVE PER PIPE		DETAIL 3 / IR1.0

GENERAL IRRIGATION NOTES

1. IRRIGATION DESIGN IS NOT AN EXACT SCIENCE. IT IS BASED ON THEORIES, ASSUMPTIONS, AND/OR INFORMATION PROVIDED BY CIVIL MODELS/UTILITIES/MUNICIPAL ENTITIES AND THUS, IS DIAGRAMMATIC IN NATURE. ALL PIPING, VALVES, AND OTHER EQUIPMENT SHOWN WITHIN PAVED AREAS OR OUT OF PROPERTY BOUNDARIES ARE FOR GRAPHIC CLARIFICATION ONLY, AND SHALL BE INSTALLED IN PLANTING AREAS WITHIN THE PROPERTY LINES OR LIMITS INDICATED ON PLAN. THE IRRIGATION CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL ABOVE-GRADE IRRIGATION EQUIPMENT WITH THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION, OR IRRIGATION CONTRACTOR MAY BE REQUIRED TO MOVE SUCH ITEMS AT HIS OWN COST.
2. REFER TO SPECIFICATIONS (AS APPROPRIATE) FOR SUBMITTALS, INSPECTIONS AND OTHER APPLICABLE INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A COPY OF THE PROJECT SPECIFICATIONS PRIOR TO BIDDING. THE PROJECT SPECIFICATIONS ARE A PART OF THESE PLANS AND SHALL BE CONSULTED BY THE IRRIGATION CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING WORK AS SPECIFIED IN THE PROJECT SPECIFICATIONS AND ON THE PLANS.
3. THE IRRIGATION CONTRACTOR SHALL MEET WITH THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK, AND SHALL OBTAIN ALL ENGINEERING, LANDSCAPE, AND OTHER APPLICABLE PLANS & DOCUMENTS. CONTRACTOR SHALL THOROUGHLY REVIEW PLANS & REPORT ANY CONFLICTS OR DISCREPANCIES TO OWNER'S REPRESENTATIVE IMMEDIATELY.
4. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, EQUIPMENT QUANTITIES, AND UTILITY LOCATIONS PRIOR TO BEGINNING WORK. DO NOT INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES, OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE EXISTED AT THE TIME OF THE IRRIGATION DESIGN PREPARATION. SUCH OBSTRUCTIONS OR DIFFERENCES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND LANDSCAPE ARCHITECT. IN THE EVENT THIS NOTIFICATION IS NOT GIVEN, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY TO BRING THE SYSTEM TO A PROPER WORKING CONDITION, AND TO THE OWNER'S SATISFACTION.
5. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATIONS OF WALLS, RETAINING WALLS, ETC. THE IRRIGATION CONTRACTOR SHALL COORDINATE HIS WORK WITH THE GENERAL CONTRACTOR AND OTHER SUBCONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES THROUGH WALL, UNDER ROADWAY PAVING, ETC.
6. THE CONTRACTOR SHALL MAKE NO SUBSTITUTIONS, DELETIONS, OR ADDITIONS TO THIS PLAN WITHOUT APPROVAL OF THE LANDSCAPE ARCHITECT.
7. SEE CIVIL ENGINEER'S DRAWINGS FOR IRRIGATION POINT OF CONNECTION (TAP) AND DOMESTIC WATER SUPPLY.
8. ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO ENSURE THAT ALL IRRIGATION EQUIPMENT MEETS GOVERNMENT REGULATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS OR APPROVALS
9. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE AND THE MAXIMUM FLOW DEMAND SHOWN ON THE POINT OF CONNECTION NOTE TAG(S) ON THE DRAWINGS. THE IRRIGATION CONTRACTOR SHALL FIELD VERIFY THE STATIC & OPERATING WATER PRESSURE PRIOR TO CONSTRUCTION, AND SHALL REPORT ANY DIFFERENCES BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE AND LANDSCAPE ARCHITECT. IN THE EVENT PRESSURE DIFFERENCES ARE NOT REPORTED OR PRESSURES HAVE GREATLY CHANGED PRIOR TO THE START OF THE IRRIGATION SYSTEM CONSTRUCTION, THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR RECOMMENDING A SOLUTION AND PROVIDING AN ADD ALTERNATE BID FOR ANY MODIFICATION COSTS.
10. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF AVAILABLE WATER PRESSURE EXCEEDS 5 PSI HIGHER OR LOWER THAN AVAILABLE WATER PRESSURE.
11. NO MORE THAN 90% OF AVAILABLE MINIMUM STATIC WATER PRESSURE WAS USED IN PREPARATION OF THESE PLANS, FURTHERMORE, THE MAXIMUM FLOW THROUGH THE METER SHOULD NOT EXCEED 75% OF THE MAXIMUM SAFE FLOW.
12. SUPPLY LINE AND METER TO BE PROVIDED BY GENERAL CONTRACTOR. BACKFLOW PREVENTER TO BE PROVIDED BY IRRIGATION CONTRACTOR. IRRIGATION CONTRACTOR'S POINT OF CONNECTION TO BEGIN AFTER THE IRRIGATION WATER METER.
13. INSTALL ALL MATERIALS AND EQUIPMENT AS SHOWN ON THE PLANS AND DETAILS. NO SUBSTITUTIONS OF EQUIPMENT WILL BE ACCEPTABLE WITHOUT PRIOR WRITTEN APPROVAL BY THE LANDSCAPE ARCHITECT OR THE OWNERS REPRESENTATIVE. THE IRRIGATION CONTRACTOR MAY BE REQUIRED TO REMOVE AND REPLACE ALL UNAPPROVED SUBSTITUTED EQUIPMENT AT HIS OWN COST IF SO DIRECTED BY THE OWNER.
14. WHEN INSTALLING IRRIGATION PIPE AND EQUIPMENT NEXT TO HARDSCAPE (SUCH AS WALLS, CURBS, OR WALKS), PLACE PIPE AS CLOSE AS POSSIBLE TO HARDSCAPE TO AVOID CONFLICTS WITH PLANTING. REFER TO MAINLINE TRENCHING DETAILS FOR ADDITIONAL INFORMATION.
15. THE IRRIGATION CONTRACTOR SHALL COORDINATE 120 V.A.C. ELECTRICAL POWER TO CONTROLLERS AND DEDICATE ONE (1) 20-AMP BREAKER FOR EACH CONTROLLER. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO MAKE THE FINAL HOOK-UP FROM THE ELECTRICAL SOURCE TO THE CONTROLLER UNIT ONLY.
16. THE RAIN SENSOR SHALL BE LOCATED NEAR THE IRRIGATION CONTROLLER, AND SHALL BE MOUNTED AS SHOWN ON THE DETAIL AND/OR LEGEND. LOCATE SENSOR AWAY FROM TALL TREES, SHRUBS, AND OTHER POTENTIAL OBSTRUCTIONS.
17. ALL VALVE CONTROL WIRE SHALL BE AWG 14 TYPE UF, 600 VOLT TEST, DIRECT BURIAL. NO SPLICES SHALL BE ALLOWED EXCEPT AT VALVES AND CONTROLLER. WHERE SPLICES MAY BE NECESSARY DUE TO EXCESSIVELY LONG WIRE RUNS, THE CONTRACTOR SHALL MAKE ALL SPLICES IN 6" ROUND VALVE BOXES WITH 3M'S "DBY-DIRECT BURIAL SPLICE KIT". THE CONTRACTOR SHALL LABEL ALL WIRES WITH WATERPROOF TAGS AND MARKERS AT ALL SPLICES AND VALVE MANIFOLDS, AND SHALL LEAVE A 24" COIL OF EXCESS WIRE AT EACH CONNECTION.
18. CONTRACTOR SHALL PROVIDE #10 COMMON WIRE, DIRECT BURIAL, TO ALL REMOTE CONTROL VALVES.
19. CONNECT ALL DIRECT BURIAL WIRES TO VALVES USING 3M'S "DBY-DIRECT BURIAL SPLICE KIT" (UNLESS OTHERWISE SPECIFIED).
20. PROVIDE ADDITIONAL IRRIGATION CONTROL WIRES TO THE AMOUNT OF OPEN ZONES ON THE CONTROLLER ALONG EACH BRANCH OF MAINLINE FOR FUTURE EXPANSION. STUB ADDITIONAL CONTROL WIRES INTO BACK OF IRRIGATION CONTROLLERS.
21. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL CONTROL WIRE SLEEVES AND PIPE SLEEVES UNDER PAVED AREAS PRIOR TO PAVING. ELECTRICAL WIRES FOR IRRIGATION VALVES AND IRRIGATION LINES ARE TO BE PLACED IN SEPARATE SLEEVES. ALL SLEEVING SHALL BE PVC SCHEDULE 40 PIPE. SLEEVES FOR MAINLINE AND LATERAL LINES SHALL BE A MINIMUM TWICE THE DIAMETER OF THE ENCLOSED PIPE; SLEEVES FOR CONTROL WIRES SHALL BE AS PER THE SLEEVING / WIRING NOTE AND THE WIRING SLEEVE LEGEND ITEM AS SHOWN ON THESE DRAWINGS.
22. TRENCH BACKFILL MATERIAL SHALL BE FREE OF ROCKS, GLASS, AND OTHER EXTRANEOUS MATERIALS LARGER THAN 1" IN DIAMETER. BACKFILL SHALL BE COMPACTED TO 90% MAXIMUM DRY DENSITY.
23. WHERE VALVES ARE LOCATED IN CLOSE PROXIMITY TO EACH OTHER, CLUSTER VALVES INTO MANIFOLDS. INSTALL NO MORE THAN ONE VALVE PER VALVE BOX.
24. MANUAL DRAIN VALVE, FOR FREEZE PROTECTION, ARE TO BE LOCATED AT ALL LOW POINTS OF IRRIGATION LATERAL LINES. WHERE THE LOW POINT IS AT THE END OF THE LINE, LOCATE DRAIN VALVE A MINIMUM OF 12" DOWNSTREAM FROM THE LAST SPRINKLER HEAD. SEE DETAIL FOR VALVE ORIENTATION.
25. USE TEFLON TAPE ON ALL PVC MALE PIPE THREADS ON ALL SWING JOINT AND VALVE ASSEMBLIES.
26. ALL IRRIGATION HEADS, INCLUDING FIXED-SPRAY AND DRIP DEVICES, SHALL BE SET PERPENDICULAR TO THE FINISH GRADE OF THE AREA TO BE IRRIGATED.
27. ALL PRESSURIZED MAINLINES, VALVES, DRIP, AND ROTOR AND SPRAY HEADS SHALL BE INSTALLED A MINIMUM OF 3' AWAY FROM ANY BUILDING FOUNDATION. IF THIS EQUIPMENT IS SHOWN WITHIN THE 3' OFFSET ON THESE PLANS, IT IS FOR THE PURPOSE OF GRAPHIC CLARITY ONLY.
28. EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE, IT IS THE INTENT OF THE IRRIGATION DESIGN TO INDICATE ALL SPRAY HEADS AS "POP-UPS". IN THE EVENT THAT POP-UP HEADS HAVE NOT BEEN SPECIFIED IN TURF AREAS, IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO BRING THIS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING AND CONSTRUCTION.
29. ALL SPRAY AND ROTOR HEAD LOCATIONS SHALL BE STAKED, FLAGGED AND/OR OTHERWISE CLEARLY MARKED ON THE GROUND PRIOR TO INSTALLATION. SPRINKLER HEAD STAKING SHALL BE INSPECTED AND APPROVED BY THE OWNER'S REPRESENTATIVE OR THE LANDSCAPE ARCHITECT BEFORE INSTALLATION. STAKED LOCATIONS SHALL BE SPACED TO PROVIDE HEAD-TO-HEAD COVERAGE. RECOMMENDED SETBACK DISTANCE OF ALL PROPOSED IRRIGATION HEADS IS 12" FROM BACK OF CURB AND EDGE OF PAVEMENT.
30. FLUSH AND ADJUST ALL SPRINKLER HEADS FOR OPTIMUM PERFORMANCE AND TO PREVENT OVERSPRAY ONTO WALKS, ROADWAYS, AND/OR BUILDINGS AS MUCH AS POSSIBLE. THIS SHALL INCLUDE SELECTING THE BEST NOZZLE ARC AND RADIUS TO FIT THE EXISTING SITE CONDITIONS.
31. ALL POP-UP TYPE SPRINKLER HEADS INSTALLED IN TURF AREAS SHALL BE INSTALLED SO THE TOP OF THE SPRINKLER HEAD IS FLUSH WITH THE ADJACENT SIDEWALK, OR PAVING. ALL POP-UP HEADS AWAY FROM HARDSCAPE EDGES IN TURF SHALL BE 1" ABOVE THE FINISH GRADE TO PREVENT CONTACT WITH MOWERS.
32. EXISTING TREES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. DO NOT TRENCH OR EXCAVATE WITHIN THE CRITICAL ROOT ZONE OF ANY TREE.
33. ALL PLANT MATERIAL IN TREE HOLDING AREAS SHALL BE MANUALLY WATERED/IRRIGATED TO KEEP MOIST UNTIL PLANTED.
34. UPON COMPLETION OF INSTALLATION OF IRRIGATION SYSTEM, IRRIGATION CONTRACTOR SHALL PROVIDE THE FOLLOWING:
    A. ACCURATE AND COMPLETE "AS BUILT" PLANS OF IRRIGATION SYSTEM INCLUDING 8-1/2" X 11" ZONE MAP TO BE PLACED INSIDE EACH CONTROLLER BOX.
    B. LOG ON ALL WATER WINDOWS, RUN SCHEDULE TIMES, AND OTHER CHANGES AND/OR MODIFICATIONS TO THE IRRIGATION SYSTEM SINCE INSTALLATION.
    C. ONE HOUR OF TRAINING TO OWNER ON IRRIGATION SYSTEM AND CONTROLLER OPERATION.
    D. THREE OF EACH TYPE OF HEAD AND EMITTER INSTALLED.
    E. ONE OF EACH TYPE OF VALVE INSTALLED.
    F. REVIEW WINTERIZATION PROCEDURES FOR IRRIGATION SYSTEM WITH OWNERS REPRESENTATIVE.
35. PRIOR TO ACCEPTANCE OF IRRIGATION SYSTEM AT THE END OF THE MAINTENANCE PERIOD, THE IRRIGATION CONTRACTOR SHALL PROVIDE THE FOLLOWING: CURRENT SCHEDULE RUN TIME AND WATER WINDOW LOG, ALONG WITH NOTING ANY OTHER PERTINENT INFORMATION.
36. UNLESS OTHERWISE SPECIFIED, THE IRRIGATION CONTRACTOR SHALL REPAIR OR REPLACE ANYTHING DAMAGED BY HIS WORK AT NO ADDITIONAL COST TO THE OWNER.
37. CONTRACTOR SHALL INSTALL MAINLINES ±12" FROM PAVEMENT EDGE IN PLANTING AREAS. ALL PIPING, VALVES, AND OTHER EQUIPMENT SHOWN WITHIN PAVED AREAS OR OUT OF PROPERTY BOUNDARIES ARE FOR DESIGN CLARIFICATION ONLY, AND SHALL BE INSTALLED IN PLANTING AREAS WITHIN THE PROPERTY LINES OR LIMITS AS INDICATED ON THESE PLANS.
38. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND SPECIFICATIONS, THE PLAN SHALL TAKE PRECEDENCE.
39. THE IRRIGATION SYSTEM SHALL BE INSTALLED BY A QUALIFIED IRRIGATION CONTRACTOR.

CONTRACTOR NOTE

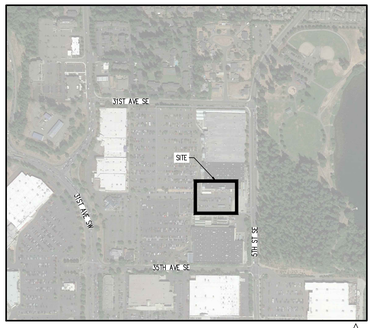
1. CONTRACTOR TO ENSURE IRRIGATION SYSTEM IS IN PLACE AND OPERATIONAL PRIOR TO INSTALLATION.
2. CONTRACTOR TO RETROFIT AND EXTEND THE EXISTING IRRIGATION SYSTEM TO NEWLY ADDED PLANT MATERIAL SHOWN ON THE LANDSCAPE PLAN.
3. ALL IRRIGATION EQUIPMENT AND COMPONENTS USED, SHALL MATCH THE EXISTING IRRIGATION SYSTEM.
4. CONTRACTOR TO ENSURE THE RETROFITTED IRRIGATION SYSTEM IS OPERATIONAL UPON COMPLETION.
5. CONTACT THE LANDSCAPE ARCHITECT WITH ANY QUESTIONS REGARDING THIS RETROFIT.

UTILITY NOTES

1. THE LANDSCAPE CONTRACTOR IS REQUIRED TO CONTACT THE COUNTY PUBLIC WORKS DEPARTMENT, AND ANY OTHER PUBLIC OR PRIVATE AGENCY NECESSARY FOR UTILITY LOCATION PRIOR TO ANY CONSTRUCTION.
2. THIS DRAWING IS A PART OF A COMPLETE SET OF BID DOCUMENTS, SPECIFICATIONS, ADDITIONAL DRAWINGS, AND EXHIBITS. UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED FOR CONSTRUCTION PURPOSES WITHOUT EXAMINING ACTUAL LOCATIONS OF UTILITIES ON SITE, AND REVIEWING ALL RELATED DOCUMENTS.
3. THE LOCATION OF THE ALL UNDERGROUND UTILITIES ARE LOCATED ON THE ENGINEERING DRAWINGS FOR THIS PROJECT. THE MOST CURRENT REVISION IS HERE IN MADE PART OF THIS DOCUMENT. UNDERGROUND UTILITIES EXIST THROUGHOUT THIS SITE AND MUST BE LOCATED PRIOR TO ANY CONSTRUCTION ACTIVITY. WHERE UNDERGROUND UTILITIES EXIST, FIELD ADJUSTMENT MAY BE NECESSARY AND MUST BE APPROVED BY A REPRESENTATIVE OF THE OWNER. NEITHER THE OWNER NOR THE LANDSCAPE ARCHITECT ASSUMES ANY RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE CONTRACTORS ACCURACY IN LOCATING THE INDICATED PLANT MATERIAL, AND UNDER NO CIRCUMSTANCES SHOULD THESE PLANS BE USED WITHOUT REFERENCING THE ABOVE MENTIONED DOCUMENTS.

IRRIGATION DISCLAIMER

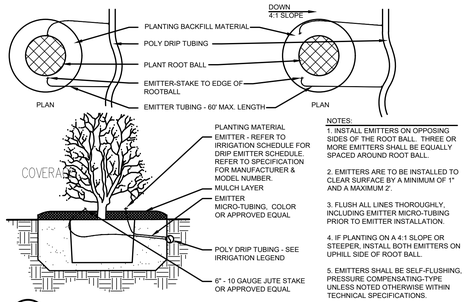
1. IRRIGATION DESIGN IS NOT AN EXACT SCIENCE. IT IS BASED ON THEORIES, ASSUMPTIONS, AND/OR INFORMATION PROVIDED BY CIVIL MODELS/UTILITIES/MUNICIPALITIES ENTITIES AND THUS DIAGRAMMATIC IN NATURE.
2. CONTRACTOR SHALL INSTALL MAINLINES ±12" FROM PAVEMENT EDGE IN PLANTING AREAS. ALL PIPING, VALVES, AND OTHER EQUIPMENT SHOWN WITHIN PAVED AREAS OR OUT OF PROPERTY BOUNDARIES ARE FOR DESIGN CLARIFICATION ONLY, AND SHALL BE INSTALLED IN PLANTING AREAS WITHIN THE PROPERTY LINES OR LIMITS AS INDICATED ON THESE PLANS.
3. THE IRRIGATION CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL ABOVE-GRADE AND VISIBLE IRRIGATION EQUIPMENT (CONTROLLERS, BACKFLOW PREVENTERS, METER PITS, ETC.) WITH THE OWNER'S AUTHORIZED REPRESENTATIVE AND / OR LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. THE INSTALLATION OF THESE ITEMS SHALL BE INTEGRATED WITHIN DESIGNATED LANDSCAPE AREAS. FAILURE TO LOCATE THIS EQUIPMENT IN AN APPROVED LOCATION MAY RESULT IN THE IRRIGATION CONTRACTOR BEING REQUIRED TO MOVE SUCH ITEMS AT HIS OWN COST.
4. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE AND THE MAXIMUM FLOW DEMAND SHOWN ON THE DRAWINGS. THE IRRIGATION CONTRACTOR SHALL FIELD VERIFY THE STATIC & OPERATING WATER PRESSURE PRIOR TO CONSTRUCTION OF ANY COMPONENT OF THE IRRIGATION SYSTEM. AFTER FIELD VERIFICATION, THE IRRIGATION CONTRACTOR SHALL NOTIFY THE OWNER, OWNER'S REPRESENTATIVE, LANDSCAPE ARCHITECT, & IRRIGATION DESIGNER OF THE PRESSURE READING FOR THE TAP.
5. ALL PRESSURIZED MAINLINES, VALVES, DRIP, AND ROTOR AND SPRAY HEADS SHALL BE INSTALLED A MINIMUM OF 5' AWAY FROM ANY BUILDING FOUNDATION. ADDITIONAL REQUIREMENTS MAY BE LISTED IN THE GEOTECHNICAL REPORT REGARDING IRRIGATION NEAR BUILDING FOUNDATIONS. CONTRACTOR IS RESPONSIBLE TO ABIDE BY THE 5' MINIMUM DISTANCE AND/OR THE GEOTECHNICAL REPORT REQUIREMENTS. IF THIS EQUIPMENT IS SHOWN WITHIN THE 5' OFFSET ON THESE PLANS, IT IS FOR THE PURPOSE OF GRAPHIC CLARITY ONLY.
6. REFER TO THIS SHEET FOR IRRIGATION NOTES AND IRRIGATION DETAILS.



KEY MAP
APPROX. 1" = 500'

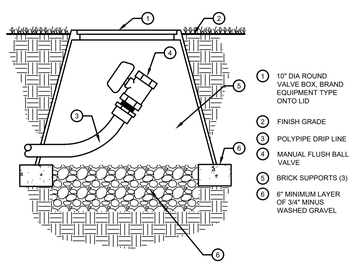
CAUTION – NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POTHOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

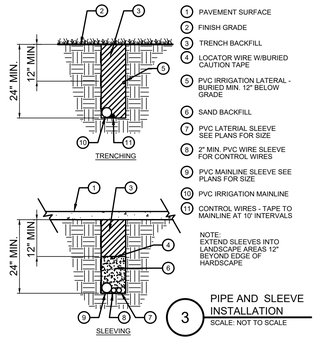


NOTES:
1. INSTALL EMITTERS ON OPPOSING SIDES OF THE ROOT BALL. THREE OR MORE EMITTERS SHALL BE EQUALLY SPACED AROUND ROOT BALL.
2. EMITTERS ARE TO BE INSTALLED TO CLEAR SURFACE BY A MINIMUM OF 1" AND A MAXIMUM 2'.
3. FLUSH ALL LINES THOROUGHLY, INCLUDING EMITTER MICRO-TUBING PRIOR TO EMITTER INSTALLATION.
4. IF PLANTING ON A 4:1 SLOPE OR STEEPER, INSTALL BOTH EMITTERS ON UPHILL SIDE OF ROOT BALL.
5. EMITTERS SHALL BE SELF-FLUSHING, PRESSURE COMPENSATING-TYPE UNLESS NOTED OTHERWISE WITHIN TECHNICAL SPECIFICATIONS.

1 DRIP EMITTERS LAYOUT
SCALE: NOT TO SCALE

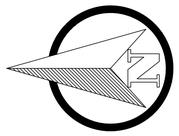


2 MANUAL FLUSH DRAIN VALVE
SCALE: NOT TO SCALE



3 PIPE AND SLEEVE INSTALLATION
SCALE: NOT TO SCALE

TROY NOSER
Certified Irrigation Designer
CID
120734



Galloway
City of Puyallup Development & Permitting Services
Planning Engineering Public Works Fire Building Traffic Code Enforcement
Galloway
1501 Pacific Ave, Suite 450
Tacoma, WA 98402
T 253.922.2310

STIPULATION FOR REUSE
THIS DRAWING WAS PREPARED FOR USE ON A SPECIFIC SITE AT THE CONTEMPLATED TIME AND IS NOT SUITABLE FOR USE ON ANOTHER PROJECT OR AT ANOTHER TIME. ANY REUSE OF A PORTION OR ALL OF THIS DRAWING ON ANOTHER PROJECT IS NOT AUTHORIZED WITHOUT THE EXPRESS CONSENT OF THE LANDSCAPE ARCHITECT.

STATE OF WASHINGTON
JONATHAN A. ROMERO
21944416 EXP. 4/5/22
REGISTERED LANDSCAPE ARCHITECT

Walmart
PUYALLUP, WA
310 31ST AVE SE
STORE NO. 02403-278
JOB NUMBER: WDP02403.20 PROTO. PICKUP ENHANCMNT

ISSUE BLOCK

1	CCD#7	07/02/2024

CHECKED BY:	KES
DRAWN BY:	EDN
PROTO CYCLE:	–
DOCUMENT DATE:	09/08/21

1

IRRIGATION PLAN

SHEET: IR1.0