

SITE LOCATION PLAN

NO SCALE

Approval of submitted plans is not an approval of omissions or oversights by this office or noncompliance 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.

ROUND ONE - SHELL PACKAGE

South Hill Mall - UNIT 900

3500 S. Meridian St.
Puyallup, WA 98373

Received
Development Services
January 14, 2021
CITY OF PUYALLUP

Est. 1949
CAFARO
Commercial & Industrial
Real Estate Developers
5577 Youngtown - Warren Road
Nes. Dis. 4446
Phone: 330-747-2641

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CODE INFORMATION

- APPLICABLE CODES:**
 - International Building Code (IBC), 2015
 - International Mechanical Code (IMC), 2015
 - Uniform Plumbing Code (UPC), 2015
 - International Fire Code (IFC), 2015
 - International Fuel Gas Code (IFGC), 2015
 - Washington State Energy Code (WSEC), 2015
 - Accessibility: ICC/ANSI A117.1, 2009
 - National Electric Code (NFPA 70)
- TENANT AREA:**
 - Unit #900 Round One - 52,034.00 S.F.
 - Unit #990 Future Tenant - 45,327.00 S.F.
 - Unit #999E Tenant Electric Room - 264.00 S.F.
 - Unit #999S Sprinkler Room - 78.00 S.F.
- CONSTRUCTION TYPE:**
 - 2-B (IBC T-601) - All steel column and beam framing system with metal roof decking. All wall, column, and roof materials are of non-combustible materials.
- USE GROUP:**
 - New Unit 900 tenant will be on an A-3 use within a Covered Mall Building, as per IBC 402.0.
 - Per our Structural revisions for this project this building meets the requirements for a Risk Category III Building (IBC T-1604.5)
 - Existing Unit 900 is currently classified as an Anchor, this status will remain with all egress from new tenant spaces remaining independent of Mall egress.
 - Tenant Spaces 900 and 990 to be determined on tenant interior build-out drawings, which will be submitted at a later date.
- OCCUPANCY:**
 - Complete and comprehensive occupancy calculations will be performed on the tenant build-out drawing, which will be submitted at a later date.
- EGRESS REQUIREMENTS:**
 - Complete and comprehensive occupancy calculations will be performed on the tenant interior build-out drawings, which will be submitted at a later date.
- FIRE RESISTIVE CONSTRUCTION:**
 - There are existing 2 hour fire barrier walls between these new tenant spaces and existing Mall tenant spaces with a new 1 hour fire barrier demising wall separating Units 900, 990 and 999E.
- FIRE PROTECTION SYSTEMS:**
 - The existing tenant space is protected with an automatic sprinkler system in accordance with NFPA 12. If there are to be any modifications to this system, this contractor shall be responsible for obtaining the services of an Washington certified sprinkler contractor, who will provide certified sprinkler shop drawing and calculations for all modifications.
- PLUMBING REQUIREMENTS:**
 - Complete and comprehensive plumbing calculations will be performed on the tenant interior build-out drawings, which will be submitted at a later date.
- SPECIAL INSPECTIONS:**
 - Special inspections shall be provided for this project by the owner.
 - The following items (as per IBC T-1704.3 and T-1704.4) require special inspections:
 - Structural steel fabrication
 - Field welding
 - Fire Resistive Joint Systems
 - Penetration fire Stopping
 - Structural Concrete

ARCHITECTURAL

No.	Name	Revision Date	No.
0. General	G-000 COVER, BUILDING CODE INFORMATION AND DRAWING INDEX		
3. Demolition	D-100 COMPOSITE FLOOR PLAN - DEMOLITION		
	D-101 FLOOR PLAN - DEMOLITION AREA A		
	D-102 FLOOR PLAN - DEMOLITION AREA B		
	D-103 FLOOR PLAN - DEMOLITION AREA C		
	D-200 COMPOSITE CEILING PLAN - DEMOLITION		
	D-201 CEILING PLAN - DEMOLITION - AREA A		
	D-202 CEILING PLAN - DEMOLITION - AREA B		
	D-300 ROOF PLAN - DEMOLITION		
4. Architectural	A-100 COMPOSITE FLOOR PLAN		
	A-101 FLOOR PLAN - AREA A		
	A-102 FLOOR PLAN - AREA B		
	A-103 FLOOR PLAN - AREA C		
	A-200 COMPOSITE CEILING PLAN		
	A-201 CEILING PLAN - AREA A		
	A-202 CEILING PLAN - AREA B		
	A-300 COMPOSITE ROOF PLAN		
	A-400 EXTERIOR ELEVATIONS AND FINISH LEGEND		
	A-500 SECTIONS AND ELEVATION		
	A-600 WALL TYPE SCHEDULES AND U.L. AND SLAB DETAILS		
	A-700 DOOR SCHEDULE AND DETAILS		

STRUCTURAL

No.	Name	Revision Date	No.
3. Structural	S-000 COVER SHEET		
	S-001 GENERAL NOTES		
	S-100 STRUCTURAL FLOOR PLAN		
	S-101 STRUCTURAL ROOF PLAN		
	S-201 TILT PANEL ELEVATIONS		
	S-301 FRAMING SECTIONS AND DETAILS		

MECHANICAL/ ELECTRICAL / PLUMBING

No.	Name	Revision Date	No.
5. Fire Protection	FP-200 COMPOSITE CEILING PLAN - FIRE PROTECTION		
7. Mechanical	MP-100 COMPOSITE FLOOR PLAN - MECHANICAL / PLUMBING		
	MP-300 ROOF PLAN - MECHANICAL / PLUMBING		
	MP-400 MECHANICAL / PLUMBING SCHEDULES AND DETAILS		
	MP-500 MECHANICAL / PLUMBING SPECIFICATIONS		
8. Electrical	E-100 COMPOSITE FLOOR PLAN - ELECTRICAL		
	E-101 NOT USED		
	E-102 FLOOR PLAN - AREA B - ELECTRICAL		
	E-400 ELECTRICAL SCHEDULES		
	E-401 ELECTRICAL SPECIFICATIONS		
	E-402 FIRE ALARM SPECIFICATIONS		

DEMO OF SPACE, NEW DEMISING WALL, NEW ELECTRICAL ROOM, NEW UNITS ON THE ROOF, SEISMIC UPGRADES DO TO AN OCCUPANCY CHANGE.

THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

FULL SIZED LEDGIBLE COLOR PLANS ARE REQUIRED TO BE PROVIDED BY THE PERMITTEE ON SITE FOR ALL INSPECTIONS

DRAWING ABBREVIATIONS

&	AND	MAX	MAXIMUM
∠	ANGLE	MBL	MARBLE
CL	CENTER LINE	MECH	MECHANICAL
#	POUND OR NUMBER	MFR(S)	MANUFACTURER(S)
ACT	ACOUSTICAL CEILING TILE	MH	MANHOLE
A.F.F	ABOVE FINISHED FLOOR	MIN	MINIMUM
ALUM	ALUMINIUM	MISC	MISCELLANEOUS
APPROX	APPROXIMATELY	MO	MASONRY OPENING
ARCH	ARCHITECTURE(URAL)	M.R.	MOISTURE RESISTANT
A/C	AIR CONDITIONING	MTD	MOUNTED
		MTG	MOUNTING
		MTL	METAL
BLDG	BUILDING	N/A	NOT APPLICABLE
BRG	BEARING	NIC	NOT IN CONTRACT
CB	CATCH BASIN	NO.	NUMBER
C.J.	CONTROL JOINT	NOM.	NOMINAL
CLG	CEILING	NTS	NOT TO SCALE
CMU	CONCRETE MASONRY UNIT	O.A.	OVERALL
COL	COLUMN	O.C.	ON CENTER
CONC	CONCRETE	O.H.	OVER HEAD
CONT	CONTINUOUS	OPH	OPPOSITE HAND
CPT	CARPET	OPP	OPPOSITE
C.T.	CERAMIC TILE	PDI	PAINTED
CU FT	CUBIC FOOT	PL	PLATE
CU YD	CUBIC YARD	FLAM	FLAM LAMINATE
		PNT	PAINT
DEPT.	DEPARTMENT	R	RADIUS
DET.	DETAIL	RD	ROOF DRAIN
DF	DRINKING FOUNTAIN	R	RADIUS
DIA	DIAMETER	REINF	REINFORCE
DIM	DIMENSION	REQD	REQUIRED
DS	DOWN SPOUT	RL	ROOF LEADER
DWG	DRAWING(S)	RO	ROUGH OPENING
		RTU	HVAC UNIT
E.I.F.S.	EXT. INSULATION & FINISH SYSTEM	SC	SOLID CORE
E.J.	EXPANSION JOINT	SCWD	SOLID CORE WOOD
ELEC	ELECTRICAL	SD	STORM DRAIN
EMER.	EMERGENCY	SECT.	SECTION
EQ	EQUAL	SG	SQUARE
E.W.C.	ELECTRIC WATER COOLER	SG FT	SQUARE FOOT
EXG.	EXISTING	SG IN	SQUARE INCH
EXP	EXPANSION	SG YD	SQUARE YARD
EXT	EXTERIOR	STD	STANDARD
		STL	STEEL
FD	FLOOR DRAIN	STRUCT	STRUCTURAL
FE	FIRE EXTINGUISHER	SUSP	SUSPENDED
FEC	FIRE EXTINGUISHER CABINET		
FHC	FIRE HOSE CABINET		
FIN	FINISH		
F.&L	FIRE-RETARDANT TREATED FOOTING	T	TEMPERED
FTG.	FOOTING	TC	TOP OF CURB
		T&G	TONGUE AND GROOVE
GA	GALVE(GAGE)	T.G.	TEMPERED GLASS
GALV	GALVANIZED	THK.	THICK
GB	GRAB BAR	THRU	THROUGH
GC	GENERAL CONTRACTOR	T.I.G.	TEMPERED INSULATED
GYP.	GYPNUM	GLASS	GLASS
GYPBD.	GYPNUM WALLBOARD	TLT	TOILET
		T.O.M.	TOP OF MASONRY
H.B.	HOSE BIBB	T.O.S.	TOP OF STEEL
INSUL.	INSULATION	IP	TOP OF PAVEMENT
INT.	INTERIOR	IS	TUBE STEEL
		TV	TELEVISION
LAM	LAMINATE	T.W.	TOP OF WALL
LAV	LAVATORY	TYP.	TYPICAL
LB	LOAD BEARING	U.G.	UNDERGROUND
		U.N.O.	UNLESS NOTED
		U.R.	OTHERWISE
		UR.	URNAL
		VCT	VINYL COMPOSITE TILE
		VERT	VERTICAL
		V.F.	VERIFY IN FIELD
		VT	VINYL TILE
		V.T.R.	VENT THROUGH ROOF
		VWC	VINYL WALL COVERIN
		WH	WATER HEATER
		WWF	WELDED WIRE FABRIC
		WT	WEIGHT

GENERAL NOTES

- THIS PROJECT CONSISTS OF DEMOLITION OF INTERIOR IMPROVEMENTS AND REDEMISE OF THE EXISTING ANCHOR STORE FOR A ROUND 1 ENTERTAINMENT VENU AND FUTURE TENANT SPACE.
- REFERENCE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION ON ALL ASPECTS OF THE WORK. PROJECT SPECIFICATIONS ALSO REFERENCE MANY OTHER BUILDING AND INDUSTRY STANDARDS. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE STANDARDS. IN CONJUNCTION WITH THESE DRAWINGS AND SPECIFICATIONS, IF MORE STRINGENT OF AN ITEM IS LISTED IN THESE SPECIFICATIONS OR DRAWINGS, THEN THAT OF A REFERENCE STANDARD, THEN THAT ITEM MUST BE PROVIDED PER THE MORE STRINGENT REQUIREMENT. ANY DEVIATION OR OMISSION OF ANY WORK ITEM MUST MEET THE APPROVAL OF THE ARCHITECT PRIOR TO COMMENCEMENT OF THAT PORTION OF WORK.
- ALL DIMENSIONS SHOWN ON THESE DRAWINGS ARE TO CENTERLINE OF COLUMN OR TO OUTSIDE OF EXISTING BUILDING OR CANOPY FACE. THESE DIMENSIONS HAVE BEEN TAKEN OFF FROM EXISTING CONSTRUCTION DRAWINGS AND HAVE NOT BEEN FIELD VERIFIED FOR EXACT ACCURACY.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL WORK BY ALL TRADES FOR THIS PROJECT. THE GENERAL CONTRACTOR SHALL USE THE LANDLORD'S CONSTRUCTION MANAGER AS THEIR FIRST POINT OF CONTACT WITH THE LANDLORD. DURING BIDDING, ALL INQUIRES MUST BE DIRECTED TO THE CONSTRUCTION MANAGER. AFTER AWARD OF CONTRACT, THE GENERAL CONTRACTOR MAY CONTACT THE ARCHITECT WHEN THE LANDLORD CONSTRUCTION MANAGER IS UNOBTAINABLE.
- FOR CONFLICTS WITHIN THE DRAWINGS AND/OR SPECIFICATIONS, THE GENERAL CONTRACTOR SHALL INCLUDE IN THEIR BIDS, ALL ITEMS INCLUDED WITHIN THESE DRAWINGS AND SPECIFICATIONS, EVEN IF IT IS FOUND TO BE CONTRADICTORY IN ANOTHER LOCATION WITHIN THESE DOCUMENTS. IF A CONFLICT IS FOUND, CONSULT WITH THE LANDLORD'S CONSTRUCTION MANAGER FOR CLARIFICATION, EITHER IF FOUND DURING THE BIDDING, OR PRIOR TO THE COMMENCEMENT OF THAT CONFLICTING PORTION OF THE WORK.
- WHERE THERE IS A DISCREPANCY ON THE CONTRACT DOCUMENTS WITH THE WORK, AND CONTRACTOR FAILED TO GET CLARIFICATION DURING THE BID PROCESS, THEN THE CONTRACTOR SHALL ASSUME IN HIS BID THE MOST STRINGENT OF THE ITEMS THAT ARE DISCREPANT.
- ANY REFERENCE TO "BY LANDLORD" SHALL CONSTITUTE THAT SUCH ITEM IS TO BE BY THIS CONTRACTOR. ANY REFERENCE TO "BY TENANT" SHALL CONSTITUTE THAT SUCH ITEM IS TO BE BY A SEPARATE OTHER CONTRACTOR. ANY ITEM NOT LABELED AS "EXISTING" OR "EXG." SHALL BE CONSTRUED TO MEAN IT IS A NEW ITEM BY THIS CONTRACTOR. IN MANY REFERENCES, MOST NEW ITEMS ARE LABELED NEITHER "BY LANDLORD" NOR "BY TENANT", BUT SHALL BE ASSUMED TO BE A NEW ITEM PERFORMED BY THIS CONTRACTOR.
- THE FOLLOWING ~~DELETED~~ SUBMITTALS SHALL BE RENDERED BY A PROFESSIONAL DESIGNER:
 - A. FIRE ALARM SYSTEMS - **SEPARATE PERMITS**
 - B. FIRE SPRINKLER SYSTEMS - **SEPARATE PERMITS**
 - C. STRUCTURAL GAGE-METAL STUD ASSEMBLIES
 - D. STRUCTURAL STEEL

Reviewed for Building Code Compliance

By David Leahy

Building Permit No. **B-19-1101**

Date of Approval **1/27/2021**

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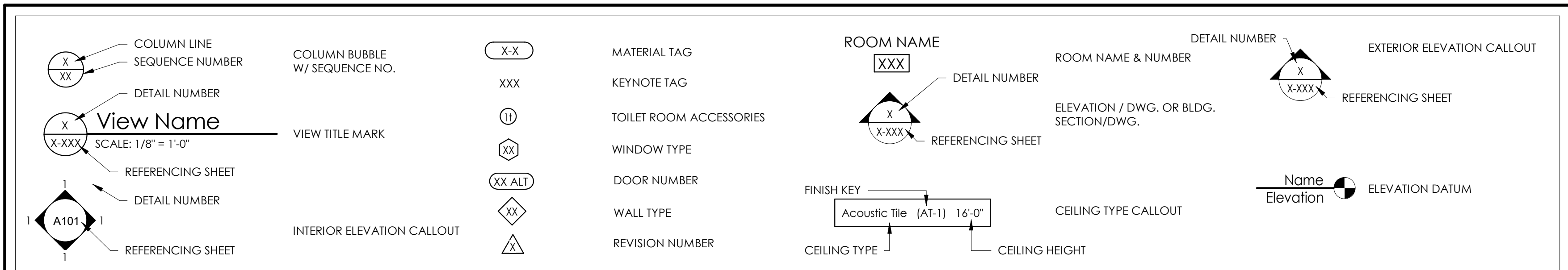
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Reviewed for Fire Code Compliance

By David Drake

Building Permit No. **B-19-1101**

Date of Approval **1/27/2021**



Sheet Title: COVER, BUILDING CODE INFORMATION AND DRAWING INDEX

Project Information: SHELL PACKAGE - ROUND ONE UNIT 900 SOUTH HILL MALL 3500 S. Meridian St Puyallup, WA 98373

Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

Project Information: SHELL PACKAGE - ROUND ONE UNIT 900 SOUTH HILL MALL 3500 S. Meridian St Puyallup, WA 98373

Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

Sheet No.: **G-000**

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Issue No.	Revision	Description	Date	By
01-08-2021	TCE	Issue		
	DATE	DESCRIPTION		

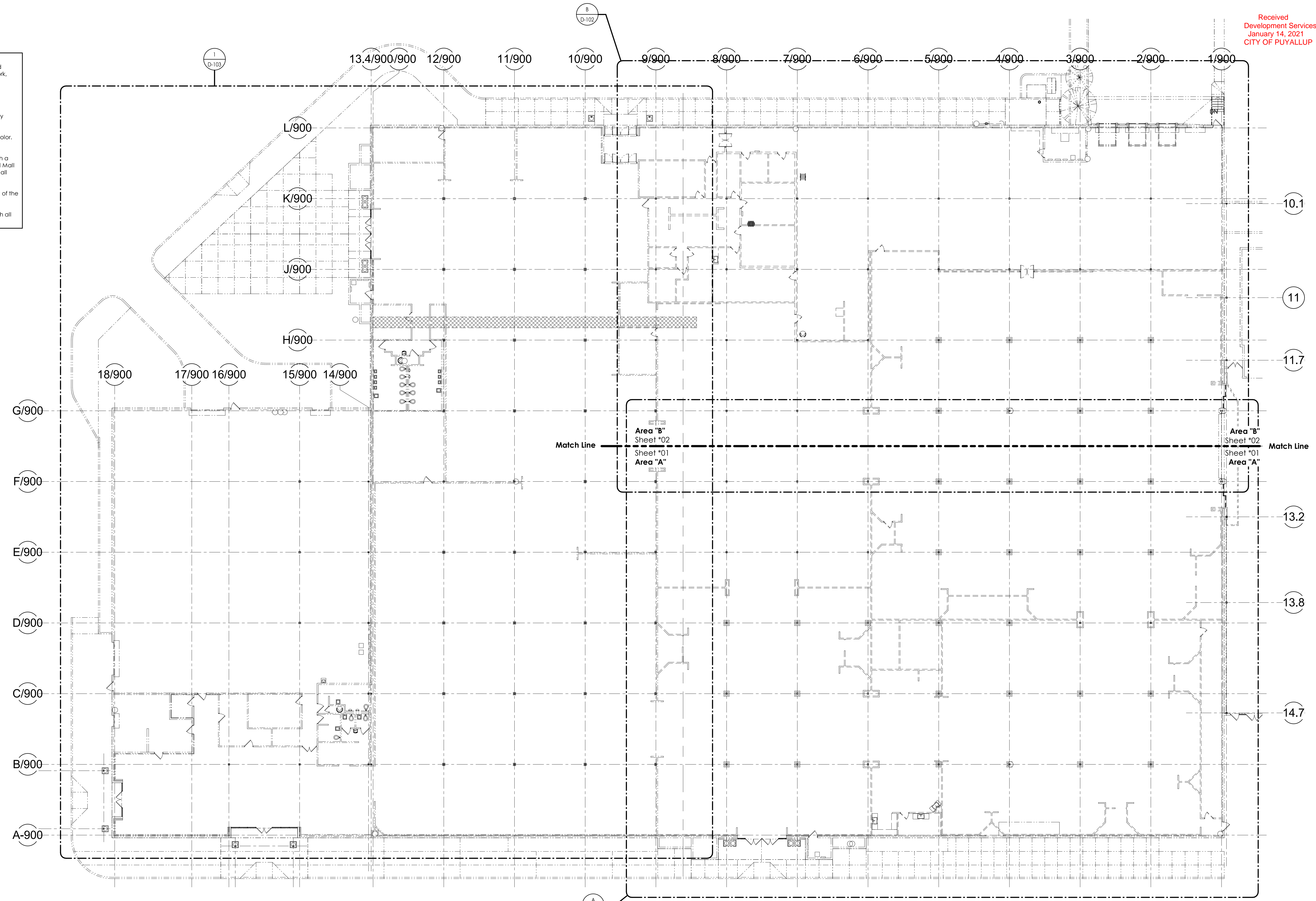
COMPOSITE FLOOR PLAN - DEMOLITION

Project Information:
Project No.: 062-900
Date: 01-08-2021
Drawn By: TCE
Checked By: RP

SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373

D-100

- Construction Barricade Notes:**
- Contractor shall be responsible for construction of barricade between Mall and Demised Premises. Barricade must be installed prior to the beginning of any work and will be removed at completion of tenants work by Tenant Contractor.
 - Barricade shall be constructed of 3-5/8" 25 ga. metal studs @ 16" o.c., with 1/2" gypboard on Mall side only.
 - Gypboard shall extend up barricade wall and return to mall soffit as directed by Property Manager.
 - Gypboard shall be taped, spackled, sanded, and painted a white semi-gloss color. Tenant identification or graphics on barricade may be installed by Tenant.
 - Barricade to be constructed on top of a 1/2" fire-treated plywood substrate with a non-abrasive 1/4" cushion backing raising the gypboard 3/4" above the finished Mall floor. Plywood substrate shall be under barricade wall and over all common Mall flooring.
 - Barricade to be finished with a 4" high black vinyl covered base, the entire length of the barricade on Mall side only.
 - Provide one (1) 3'-0" x 7'-0" hollow core wood access door in barricade wall, with all frames and door painted to match barricade.



Composite Floor Plan - Demolition
SCALE: 1/16" = 1'-0"

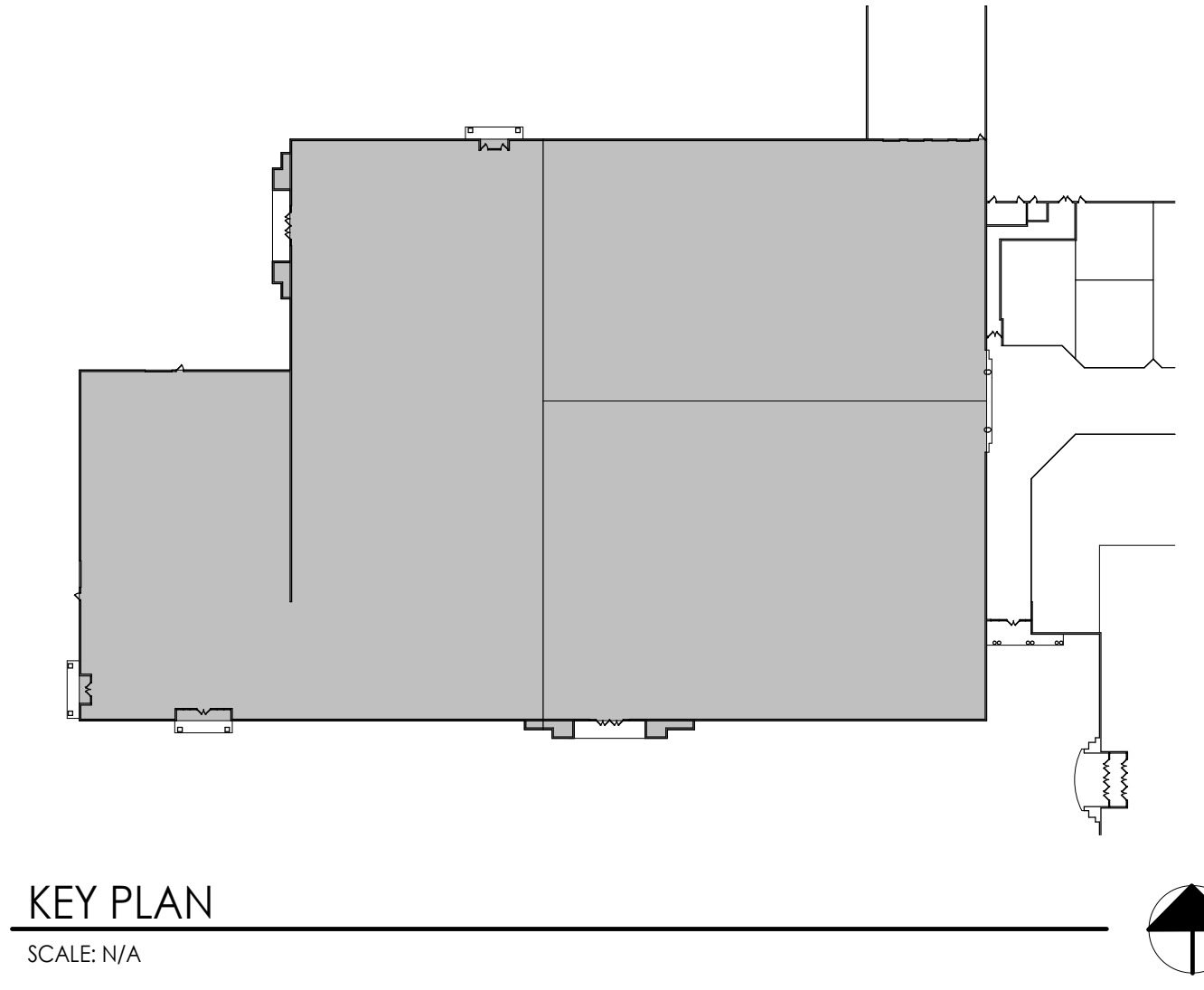
- GENERAL DEMOLITION NOTES:**
- REMOVE ALL ITEMS AS INDICATED ON DRAWINGS. ADDITIONAL DEMOLITION MAY ALSO BE INDICATED ON ARCHITECTURAL AND ENGINEERING DRAWINGS.
 - GENERAL CONTRACTOR SHALL VISIT THE PROJECT SITE AND BE FAMILIAR WITH ALL ASPECTS OF THE EXISTING BUILDING AND DEMOLITION WORK REQUIRED PRIOR TO BIDDING. CONTRACTOR SHALL NOTIFY ARCHITECT AND CONSTRUCTION MANAGER IF THERE ARE FOUND TO BE ANY DISCREPANCIES WITH THESE DRAWINGS.
 - GENERAL CONTRACTOR AND ALL SUBCONTRACTORS TO REVIEW EXISTING OR PREVIOUS MALL AND TENANT DRAWINGS AT THE TIME OF BIDDING. NOTE THESE DRAWINGS ARE NOT "AS BUILT" AND A FIELD VISIT IS REQUIRED.
 - CARE SHALL BE TAKEN DURING DEMOLITION SO AS NOT TO DAMAGE OR ALTER ANY EXISTING STRUCTURAL MEMBERS THAT ARE TO REMAIN. THE ARCHITECT AND CONSTRUCTION MANAGER SHALL BE NOTIFIED IMMEDIATELY IF ANY DAMAGE OCCURS OR IS DISCLOSED DURING DEMOLITION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING FROM THE SITE, ALL RUBBLE AND DEBRIS CAUSED BY DEMOLITION, AND DISPOSING OF IT IN A PROPER MANNER, IN ACCORDANCE WITH ALL LOCAL AND FEDERAL DISPOSAL REQUIREMENTS.
 - ANY PENETRATIONS THRU ROOF NOT BEING REUSED SHALL BE PROPERLY PATCHED TO MATCH EXISTING METAL DECK, INSULATION AND ROOF MEMBRANE.
 - PROVIDE TEMPORARY SHORING AND MAINTAIN SHORING, BRACING, OR STRUCTURAL SUPPORT TO PRESERVE STABILITY AND PREVENT UNEXPECTED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED. STRENGTHEN OR ADD NEW SUPPORTS WHEN REQUIRED DURING PROGRESS OF DEMOLITION.
 - GENERAL CONTRACTOR TO ERECT TEMPORARY PROTECTION, SUCH AS WALKS, FENCES, RAILINGS, CANOPIES, AND COVERED PASSAGEWAYS, WHERE REQUIRED BY AUTHORITIES HAVING JURISDICTION, AND AS INDICATED.
 - PROTECT ADJACENT FACILITIES FROM DAMAGE DUE TO DEMOLITION ACTIVITIES.
 - PROTECT EXISTING SITE IMPROVEMENTS, APPURTENANCES, AND LANDSCAPING, THAT IS SCHEDULED TO REMAIN.
 - PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN.
 - PROVIDE PROTECTION TO ENSURE SAFE PASSAGE OF PEOPLE AROUND BUILDING DEMOLITION AREA AND TO AND FROM OCCUPIED PORTIONS OF ADJACENT BUILDINGS AND STRUCTURES.
 - PROTECT WALLS, ROOFS, AND OTHER ADJACENT EXTERIOR CONSTRUCTION THAT ARE TO REMAIN AND THAT ARE EXPOSED TO BUILDING DEMOLITION OPERATIONS.
 - GENERAL CONTRACTOR IS TO COORDINATE AND MOVE ALL ITEMS INDICATED AS SALVAGE TO LOCATION ON MALL PROPERTY AS DIRECTED BY PROPERTY MANAGER.

LEGEND TO DEMOLITION PLANS

SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
---	WALL, PARTITION, OR ITEM TO BE REMOVED
---	COLUMN CENTERLINE
▨	SLAB, CEILING AREA, OR ITEM TO BE REMOVED
▩	AREA OF ACOUSTIC CEILING TO BE REMOVED FOR CONSTRUCTION OF DEMISING PARTITION AND REINSTALLED BACK TIGHT TO DEMISING WALL.

- DEMOLITION NOTES - PLUMBING**
- THE PLUMBING CONTRACTOR SHALL DISCONNECT AND REMOVE ALL FIXTURES, SUPPLY AND WASTE PIPING IN EXISTING WALLS AND FLOORS THAT ARE TO BE DEMOLISHED. THE PLUMBING CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO MAINTAIN THE CONTINUITY OF ALL EXISTING PIPING THAT IS TO REMAIN IN USE BUT IS AFFECTED BY DEMOLITION.
 - NOT ALL PLUMBING FIXTURES, EQUIPMENT AND DEVICES THAT ARE TO BE DISCONNECTED AND REMOVED ARE SHOWN ON THE DRAWINGS. THE PLUMBING CONTRACTOR SHALL VISIT THE SITE AND PREFORM ANY TESTS, INVESTIGATION OR SERVICES AS REQUIRED TO INCLUDE IN HIS BID ALL DEMOLITION OF PLUMBING WORK THAT IS REQUIRED FOR NEW CONSTRUCTION.
 - DISPOSAL OF ALL EQUIPMENT SHALL CONFORM TO ALL ENVIRONMENTAL PROTECTION AGENCY REQUIREMENTS.
 - ANY ADJACENT TENANT PLUMBING PIPING WHICH RUNS THROUGH, ABOVE OR BELOW THIS PROJECT SPACE SHALL REMAIN ACTIVE. IF AFFECTED BY DEMOLITION, REROUTE AND CONTINUE ANY PIPING SYSTEM THAT MUST BE RETAINED FOR THIS PROJECT AS REQUIRED.
 - ALL EXISTING VENT PIPING IS TO BE REMOVED, EXCEPT FOR ANY VENTS THRU ROOF THAT MAY BE REUSED. PATCH ROOFS ACCORDINGLY AT ALL REMOVED VENTS. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - ALL EXISTING SANITARY LINES BELOW FLOOR ARE TO REMAIN UNLESS NOTED OTHERWISE. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL SELECTED DEMOLITION ITEMS.
 - EXISTING WATER SERVICES TO BE REMOVED AS INDICATED. REMOVE ALL WATER LINES IN SPACE ASSOCIATED WITH REMOVED WATER SERVICES.
 - PROVIDE CLEANOUT AT END OF EXISTING SANITARY LINE IF REMOVAL OF DRAINS CREATES A DEADEND CONDITION.
 - ANY DEMOLITION WORK INVOLVING ANY UTILITY COMPANY SERVICE LINES, METERS, ETC., SHALL BE IN ACCORDANCE WITH, AND APPROVAL OF THAT UTILITY PROVIDER.
 - ALL EXISTING STORM DRAINAGE LINES ABOVE CEILING ARE TO REMAIN, UNLESS NOTED OTHERWISE.
 - ALL WATER AND DRAIN LINES SUPPLYING EQUIPMENT THAT IS TO BE REMOVED SHALL BE DISCONNECTED, REMOVED AND CAPPED BELOW FLOOR OR REMOVED COMPLETE.

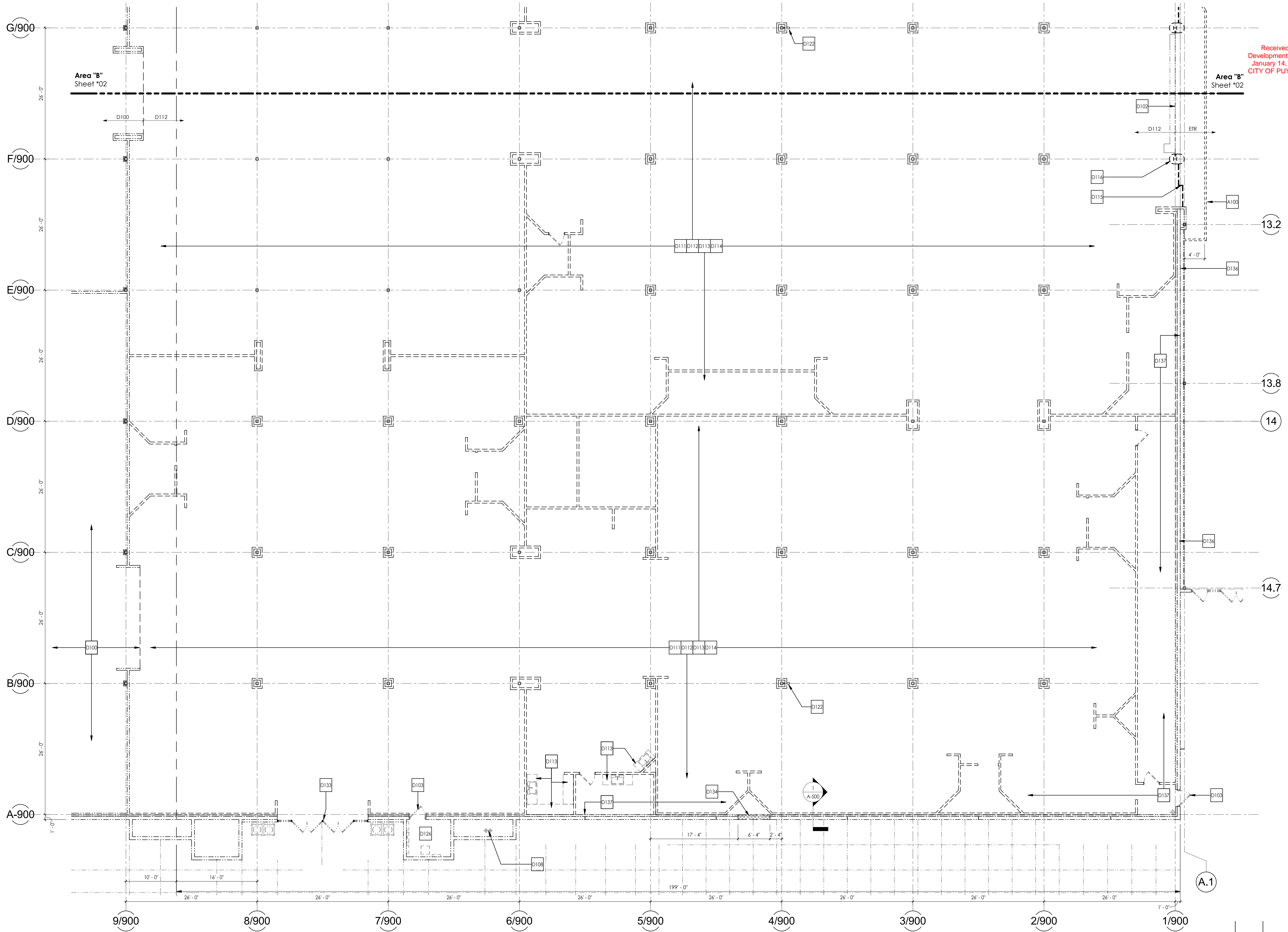
- FLOOR DEMOLITION NOTES**
- GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL FLOOR PATCHING (IF ANY) REQUIRED BY PLUMBING AND ELECTRICAL CONTRACTORS. ALL CONC. PATCHES ARE TO PROVIDE A SMOOTH AND LEVEL (± 1/4" IN 10'-0") FLOOR.
 - IN ALL WALLS THAT ARE REMOVED THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTING AT SOURCE AND REMOVING / OR CAPPING ANY ELECTRICAL, PLUMBING, GAS LINES AND MECHANICAL DUCTWORK THAT IS DISCLOSED AND NOT SCHEDULED FOR REUSE. REROUTE AND CONTINUE ANY SYSTEM THAT MUST BE RETAINED FOR ADJACENT BUILDING AREAS THAT ARE NOT IN THIS CONTRACT.
 - GENERAL CONTRACTOR TO REMOVE ALL ELECTRICAL FLOOR DEVICES AS INDICATED AND PATCH FLOOR AS REQUIRED.
 - PROVIDE TEMPORARY SHORING AND MAINTAIN SHORING, BRACING, OR STRUCTURAL SUPPORT TO PRESERVE STABILITY AND PREVENT UNEXPECTED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED. STRENGTHEN OR ADD NEW SUPPORTS WHEN REQUIRED DURING PROGRESS OF DEMOLITION.
 - GENERAL CONTRACTOR IS TO CO-ORDINATE ALL DEMOLITION OF EXISTING FLOORS, WALLS AND CEILINGS (THAT ARE TO REMAIN) WHERE NEW ELECTRICAL, MECHANICAL, OR PLUMBING DEVICES ARE TO BE INSTALLED. THIS SHALL INCLUDE THE REMOVAL OF ALL ITEMS NECESSARY TO INSTALL DEVICE COMPLETE, ALONG WITH THE PATCHING BACK OF THE AFFECTED FLOOR, WALL, OR CEILING SURFACE.



KEY PLAN
SCALE: N/A

1/11/2021 2:56:19 PM E:\Departments\AEC\Doc\Properties\South Hill Mall\Architecture & Engineering\Tenant Projects\Unit 900 - 2019 Round One\Drawings\062-900 Arch.rvt

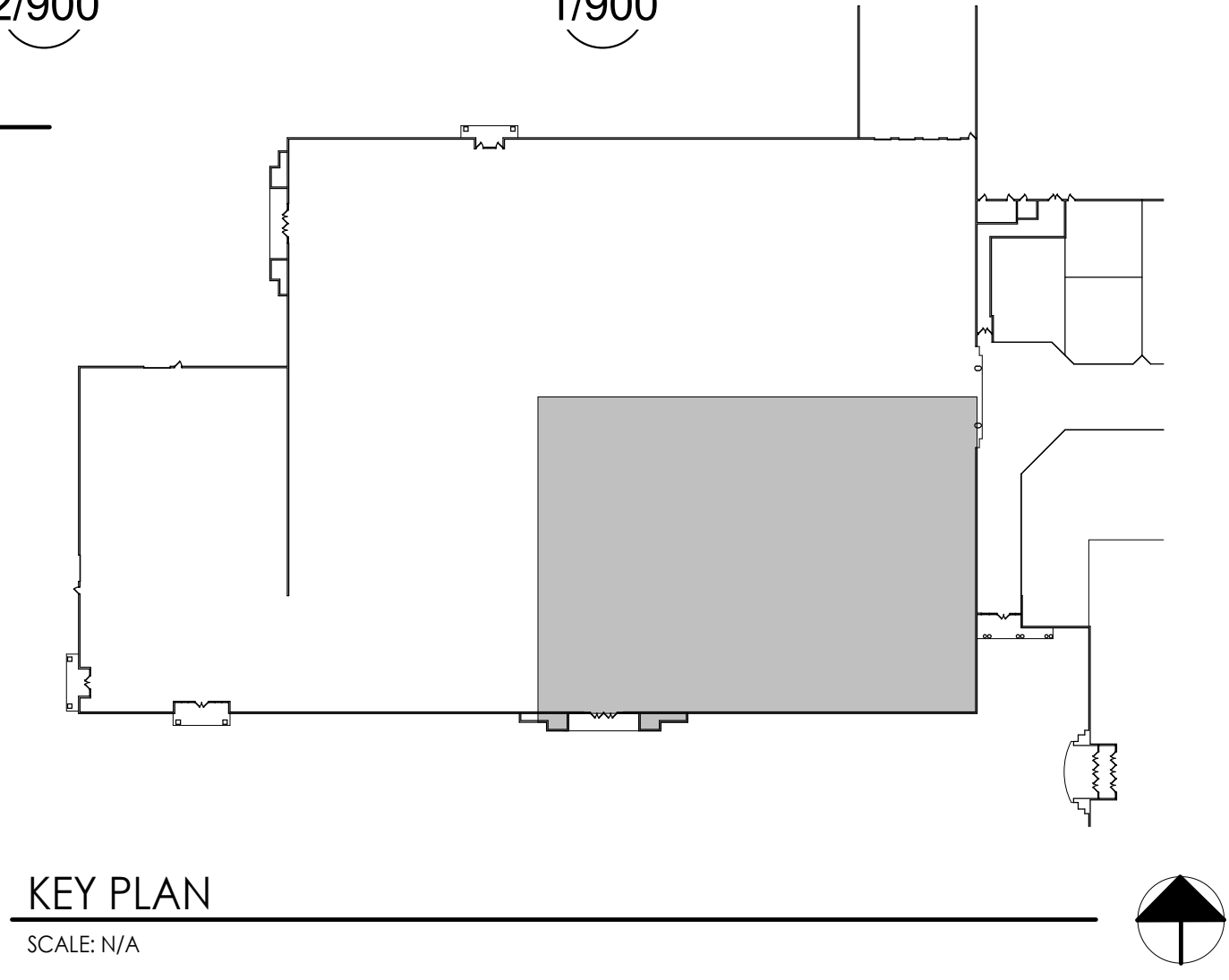
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A Floor Plan - Demolition - Area A
SCALE: 1/8" = 1'-0"

LEGEND TO DEMOLITION PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - - -	WALL, PARTITION, OR ITEM TO BE REMOVED
---	COLUMN CENTERLINE
▣	SLAB, CEILING AREA, OR ITEM TO BE REMOVED
▣	AREA OF ACOUSTIC CEILING TO BE REMOVED FOR CONSTRUCTION OF DEMISING PARTITION AND REINSTALLED BACK TIGHT TO DEMISING WALL.

CODED NOTES THIS SHEET	
#	DESCRIPTION
A100	CONSTRUCTION BARRICADE - INSTALLED PRIOR TO DEMOLITION AND REMOVED BY TENANT G.C. AT COMPLETION OF TENANT WORK - REFER TO BARRICADE CONSTRUCTION NOTE ON D-100
D100	EXISTING PARTITIONS AND FINISHES TO REMAIN
D102	EXISTING OVERHEAD COILING GRILLE TO REMAIN - PROTECT AS REQUIRED
D103	EXISTING DOOR AND FRAME TO REMAIN - PROTECT AS REQUIRED
D108	EXISTING ROOF DRAIN LEADER TO REMAIN - PROTECT AS REQUIRED
D111	EXISTING PARTITIONS, COLUMN ENCLOSURES, DOORS/FRAMES AND EXTERIOR WALL FURRING TO BE REMOVED COMPLETE, UNLESS NOTED OTHERWISE
D112	EXISTING FLOOR FINISHES TO BE REMOVED COMPLETE, INCLUDING BUT NOT LIMITED TO ANY ADHESIVES AND/OR THINSET - REFER TO SPECIFICATIONS FOR PATCHING REQUIREMENTS
D113	EXISTING CASEWORK AND PLUMBING FIXTURES TO BE REMOVED COMPLETE
D114	EXISTING IN-FLOOR ELECTRICAL DEVICES AND CONDUCTORS TO BE REMOVED AND FLOOR IN-FILLED - REFER TO SPECIFICATIONS FOR PATCHING REQUIREMENTS
D115	EXISTING STOREFRONT GLAZING AND FRAMING TO BE REMOVED COMPLETE
D116	EXISTING COLUMN ENCLOSURE TO BE REMOVED COMPLETE - PROTECT GRILLE GUIDES AND COLUMN
D122	EXISTING SPRINKLER SYSTEM STANDPIPE TO REMAIN - PROTECT AS REQUIRED, REFER TO FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION
D126	EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED COMPLETE, INCLUDING BUT NOT LIMITED TO ALL FEEDERS, BRANCH CIRCUIT CONDUCTORS, CONDUIT AND DEVICES BETWEEN COLUMN LINES 1/900 TO 9/900
D127	EXISTING FLOOR SLAB TO BE SAW-CUT AND REMOVED - COORDINATE EXTENT WITH PLUMBING DRAWINGS
D133	EXISTING STOREFRONT AND DOORS TO REMAIN
D134	SAW-CUT AND REMOVE SECTION OF EXISTING PRE-CAST EXTERIOR WALL FOR NEW DOOR OPENING
D136	EXISTING 2-HOUR FIRE BARRIER BETWEEN MALL AND ANCHOR STORE TO REMAIN INTACT
D137	REMOVE GYPSUM BOARD, INSULATION AND FRAMING AS REQUIRED FOR INSTALLATION OF PRE-CAST PANEL JOINT REINFORCING - COORDINATE LOCATIONS AND QUANTITY WITH STRUCTURAL DRAWINGS



KEY PLAN
SCALE: N/A

Received
Development Services
January 14, 2021
CITY OF PUYALLUP

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Revision	Number	Description	Issued	By	Checked
	01-08-2021	TCE			
	01-08-2021	DATE			

Project Information:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373

Project No.: 062-900
Date: 01-08-2021
Drawn By: TCE
Checked By: RP

D-101

1/11/2021 3:23:24 PM E:\Departments\AEC\Doc\Properties\South Hill Mall\Architecture & Engineering\Tenant Projects\Unit 900 - 2019 Round One\Drawings\062-900 Arch.rvt

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B-19-1101

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January 14, 2021
CITY OF PUYALLUP

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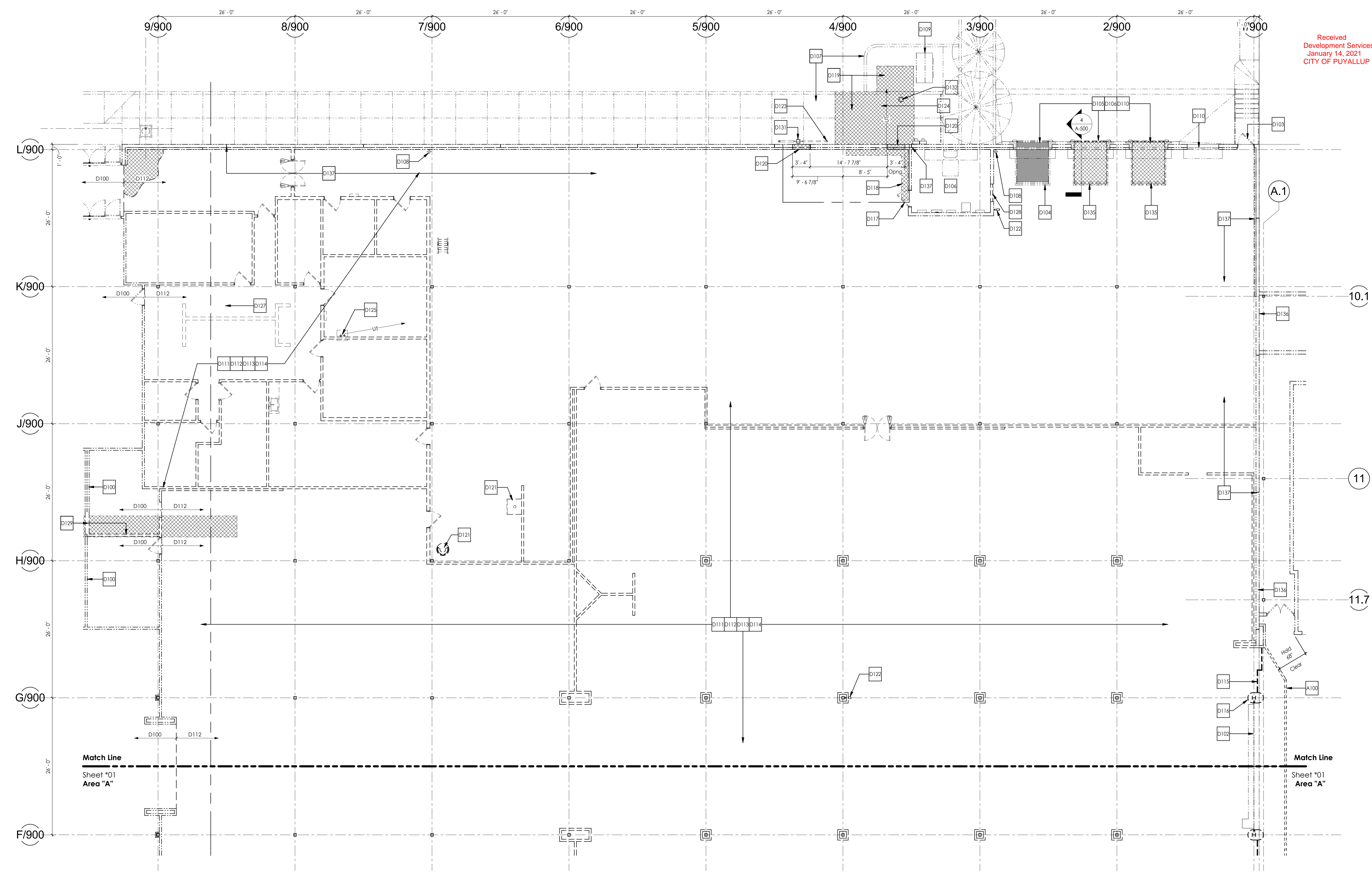
Architect:
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ARCHITECT
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Revision	Issue	By	Date	Description

Project Information:
FLOOR PLAN - DEMOLITION AREA B
SOUTH HILL MALL
UNIT 900
3500 S. Meridian St
Puyallup, WA 98373

Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP
D-102



B Floor Plan - Demolition - Area B
D-102 SCALE: 1/8" = 1'-0"

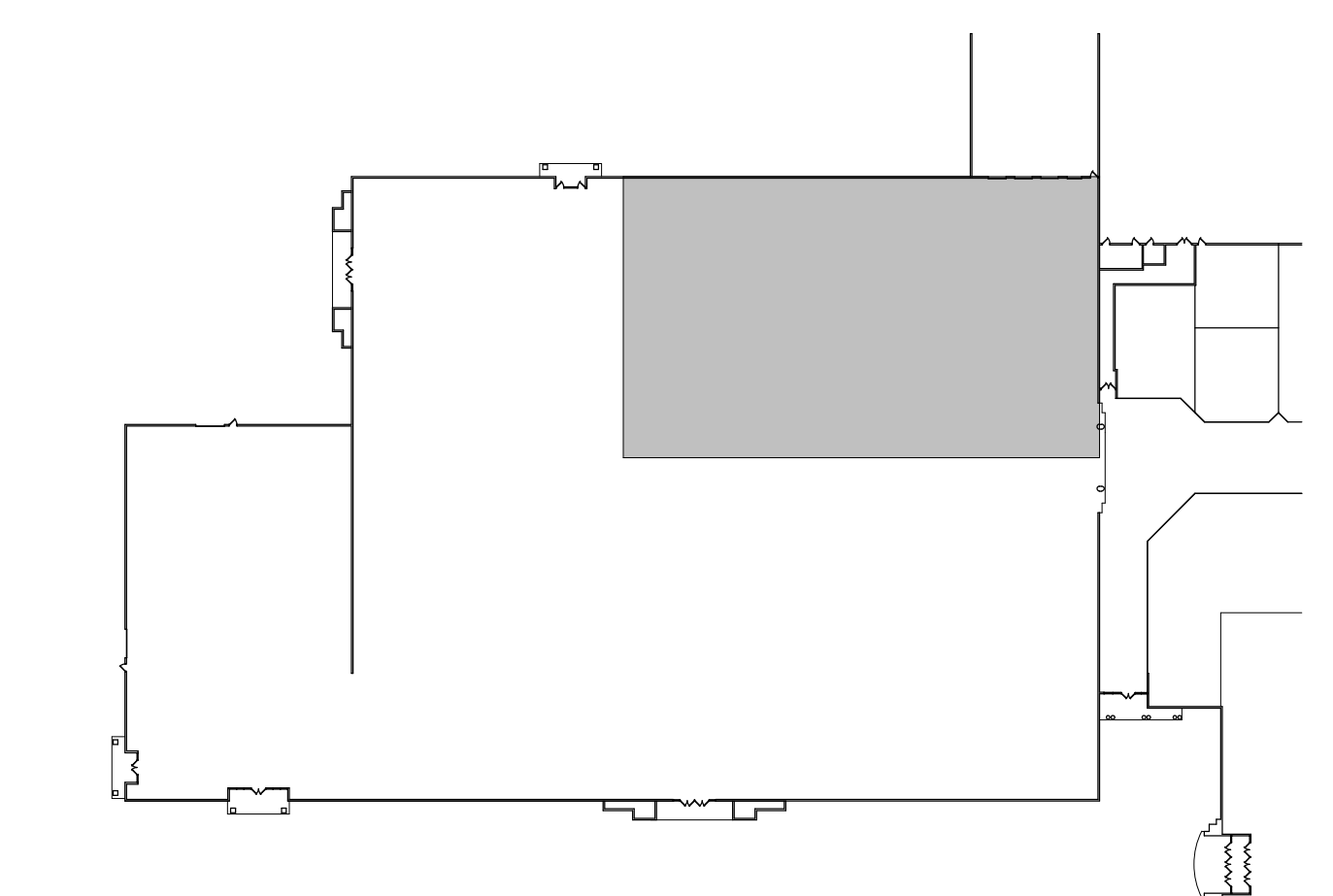
Branch Conduit and Conductor Note:
For all devices, fixtures and equipment to be removed,
a. Remove all conductors back to panel/contacter
b. Remove conduit to first junction box from panel/contacter
• Empty conduit from panel/contacter to first junction box to remain for reuse by tenant

LEGEND TO DEMOLITION PLANS

SYMBOL	DESCRIPTION
--- --	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - - -	WALL, PARTITION, OR ITEM TO BE REMOVED
- - - -	COLUMN CENTERLINE
▨	SLAB, CEILING AREA, OR ITEM TO BE REMOVED
▨	AREA OF ACOUSTIC CEILING TO BE REMOVED FOR CONSTRUCTION OF DEMISING PARTITION AND REINSTALLED BACK TIGHT TO DEMISING WALL.

CODED NOTES THIS SHEET

#	DESCRIPTION
A100	CONSTRUCTION BARRICADE - INSTALLED PRIOR TO DEMOLITION AND REMOVED BY TENANT G.C. AT COMPLETION OF TENANT WORK - REFER TO BARRICADE CONSTRUCTION NOTE ON D-100
D100	EXISTING PARTITIONS AND FINISHES TO REMAIN
D102	EXISTING OVERHEAD COILING GRILLE TO REMAIN - PROTECT AS REQUIRED
D103	EXISTING DOOR AND FRAME TO REMAIN - PROTECT AS REQUIRED
D104	EXISTING DOCK LEVELER TO REMAIN, SERVICE AS REQUIRED FOR PROPER OPERATION
D105	EXISTING DOCK SEAL AND BUMPERS TO REMAIN - PROTECT AS REQUIRED
D106	EXISTING ELECTRICAL EQUIPMENT TO REMAIN - REMOVE ALL BRANCH CIRCUIT WIRE, CONDUIT TO REMAIN TO FIRST COUPLING / BOX BEYOND EQUIPMENT ROOM - FEEDERS AND BREAKERS TO REMAIN IN-PLACE FOR REUSE BY TENANT
D107	EXISTING CONCRETE WALK TO REMAIN - PROTECT AS REQUIRED
D108	EXISTING ROOF DRAIN LEADER TO REMAIN - PROTECT AS REQUIRED
D109	EXISTING UTILITY TRANSFORMER
D110	EXISTING OVERHEAD COILING DOCK DOOR TO REMAIN
D111	EXISTING PARTITIONS, COLUMN ENCLOSURES, DOORS/FRAMES AND EXTERIOR WALL FURRING TO BE REMOVED COMPLETE, UNLESS NOTED OTHERWISE
D112	EXISTING FLOOR FINISHES TO BE REMOVED COMPLETE, INCLUDING BUT NOT LIMITED TO ANY ADHESIVES AND/OR THINSET - REFER TO SPECIFICATIONS FOR PATCHING REQUIREMENTS
D113	EXISTING CASEWORK AND PLUMBING FIXTURES TO BE REMOVED COMPLETE
D114	EXISTING IN-FLOOR ELECTRICAL DEVICES AND CONDUCTORS TO BE REMOVED AND FLOOR IN-FILLED - REFER TO SPECIFICATIONS FOR PATCHING REQUIREMENTS
D115	EXISTING STOREFRONT GLAZING AND FRAMING TO BE REMOVED COMPLETE
D116	EXISTING COLUMN ENCLOSURE TO BE REMOVED COMPLETE - PROTECT GRILLE GUIDES AND COLUMN
D117	EXISTING DOOR AND FRAME TO BE REMOVED - OPENING IN-FILLED
D118	EXISTING FLOOR SLAB TO BE SAW-CUT AND REMOVED - COORDINATE EXTENT WITH ELECTRICAL DRAWINGS
D119	EXISTING CONCRETE SIDEWALK TO BE REMOVED - COORDINATE EXTENT WITH ELECTRICAL DRAWINGS
D120	EXISTING PRE-CAST WALL PANEL TO BE SAW-CUT AND SECTION REMOVED FOR DOOR AND FRAME - REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION
D121	EXISTING PLUMBING FIXTURES AND EQUIPMENT TO BE REMOVED COMPLETE - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
D122	EXISTING SPRINKLER SYSTEM STANDPIPE TO REMAIN - PROTECT AS REQUIRED, REFER TO FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION
D123	EXISTING GAS SERVICE TO BE MODIFIED - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
D124	EXISTING UNDERGROUND TELEPHONE CONDUIT TO BE MODIFIED - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
D125	EXISTING UNDERGROUND TELEPHONE SERVICE ENTRANCE LOCATION TO BE RELOCATED, COORDINATE RELOCATION WITH UTILITY COMPANY, CONDUIT TO BE CUT AND CAPPED BELOW FLOOR
D127	EXISTING FLOOR SLAB TO BE SAW-CUT AND REMOVED - COORDINATE EXTENT WITH PLUMBING DRAWINGS
D128	EXISTING GYPSUM BOARD AND METAL STUDS TO BE REMOVED FOR NEW 40" BY 84" HIGH ROUGH OPENING (DOOR BY TENANT)
D129	EXISTING PARTITION TO BE REMOVED AS REQUIRED
D131	EXISTING GAS METER TO BE RELOCATED - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
D132	EXISTING GAS CURB BOX TO REMAIN
D135	EXISTING RECESSED DOCK LEVELER TO BE REMOVED AND SLAB IN-FILLED - REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
D136	EXISTING 2-HOUR FIRE BARRIER BETWEEN MALL AND ANCHOR STORE TO REMAIN INTACT
D137	REMOVE GYPSUM BOARD, INSULATION AND FRAMING AS REQUIRED FOR INSTALLATION OF PRE-CAST PANEL JOINT REINFORCING - COORDINATE LOCATIONS AND QUANTITY WITH STRUCTURAL DRAWINGS



KEY PLAN
SCALE: N/A

1/11/2021 2:56:29 PM E:\Department\AEC\DCI\Properties\South Hill Mall\Architecture & Engineering\Tenant Projects\Unit 900 - 2019 Round One\Drawings\062-900 Arch.vrt

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#	DESCRIPTION
D127	EXISTING FLOOR SLAB TO BE SAW-CUT AND REMOVED - COORDINATE EXTENT WITH PLUMBING DRAWINGS
D129	EXISTING PARTITION TO BE REMOVED AS REQUIRED
D130	EXISTING SANITARY CLEAN-OUT TO REMAIN
D137	REMOVE GYPSUM BOARD, INSULATION AND FRAMING AS REQUIRED FOR INSTALLATION OF PRE-CAST PANEL JOINT REINFORCING - COORDINATE LOCATIONS AND QUANTITY WITH STRUCTURAL DRAWINGS

Received
Development Services
January 14, 2021
CITY OF PUYALLUP

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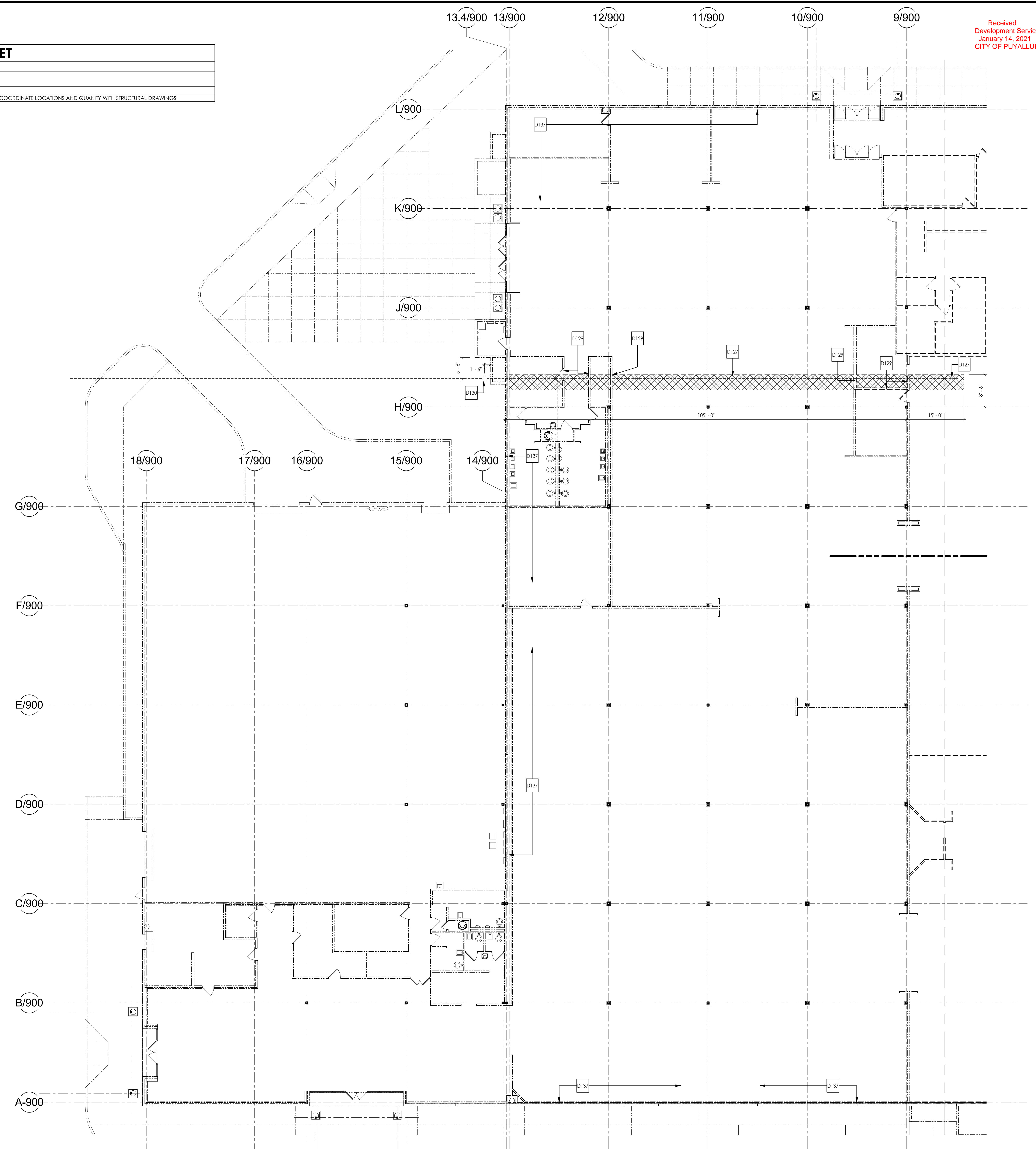
Issued For	Issue	Date	By
Final	DATE	01-08-2021	TGE

Project Information:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373

Sheet Title:
FLOOR PLAN - DEMOLITION AREA C

Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

D-103



SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - - -	WALL, PARTITION, OR ITEM TO BE REMOVED
---	COLUMN CENTERLINE
[Hatched Box]	SLAB, CEILING AREA, OR ITEM TO BE REMOVED
[Dotted Box]	AREA OF ACOUSTIC CEILING TO BE REMOVED FOR CONSTRUCTION OF DEMISING PARTITION AND REINSTALLED BACK TIGHT TO DEMISING WALL

Floor Plan - Demolition - Area C
SCALE: 3/32" = 1'-0"

Received
Development Services
January 14, 2021
CITY OF FUYALLUP

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Architect:
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RICHARD PARTIKA
STATE OF WASHINGTON

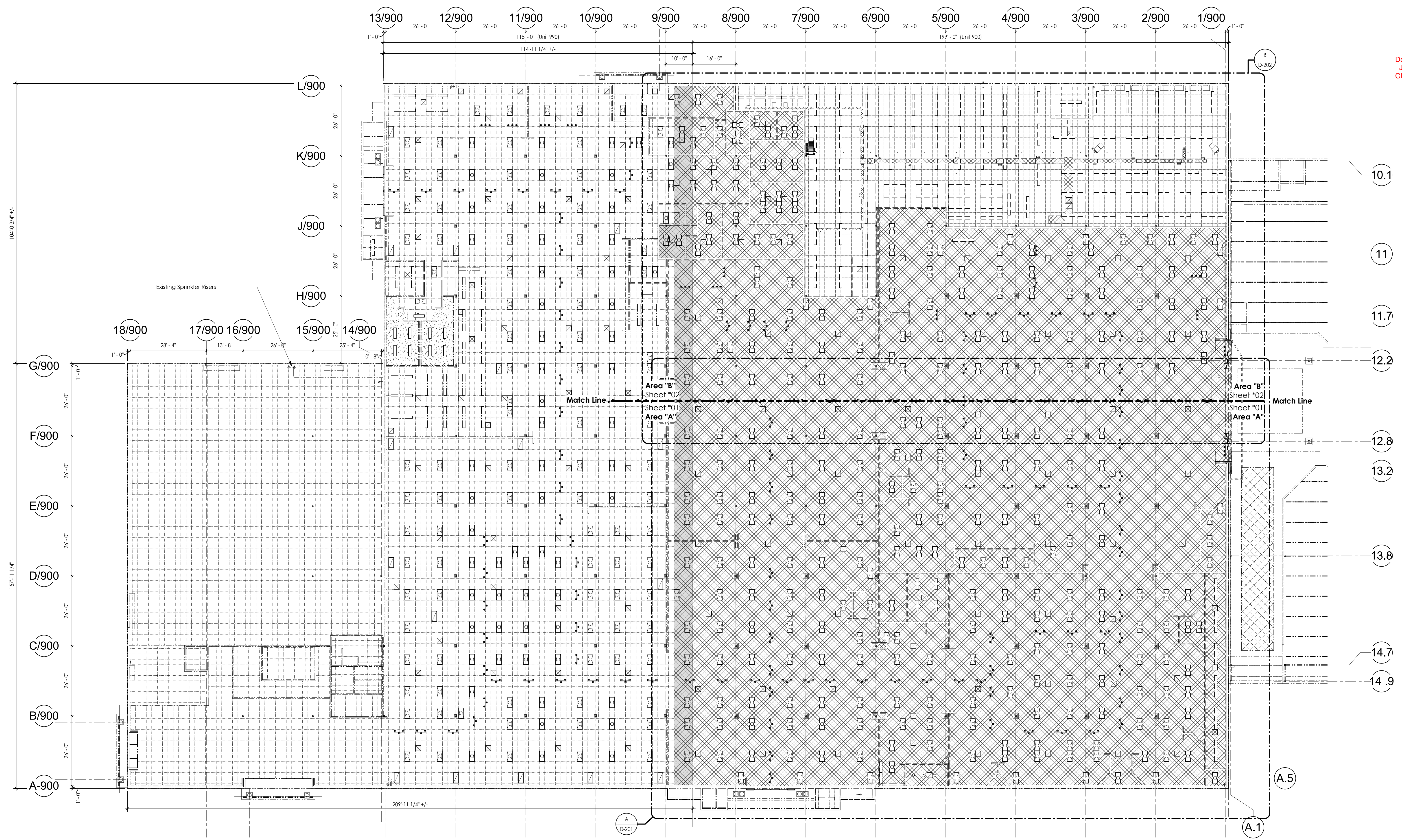
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Issue No.	Revision	Description	Date	By
01-08-2021	TGE	Issue		
	DBP	Issue		

Project Information:
COMPOSITE CEILING PLAN - DEMOLITION
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Fuyallup, WA 98373

Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

D-200



Composite Ceiling Plan - Demolition
SCALE: 1/16" = 1'-0"

LEGEND TO DEMOLITION PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
---	WALL, PARTITION, OR ITEM TO BE REMOVED
---	COLUMN CENTERLINE
[Hatched Box]	SLAB, CEILING AREA, OR ITEM TO BE REMOVED
[Hatched Box]	AREA OF ACOUSTIC CEILING TO BE REMOVED FOR CONSTRUCTION OF DEMISING PARTITION AND REINSTALLED BACK TIGHT TO DEMISING WALL

CEILING DEMOLITION NOTES

- IN ALL CEILINGS THAT ARE REMOVED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTING AT SOURCE AND REMOVING OR CAPPING ANY ELECTRICAL PLUMBING, GAS LINES AND MECHANICAL DUCTWORK THAT IS DISCLOSED AND NOT SCHEDULED FOR REUSE. REROUTE AND CONTINUE ANY SYSTEM THAT MUST BE RETAINED FOR ADJACENT BUILDING AREAS THAT ARE NOT IN THIS CONTRACT.
- EXISTING FIRE PROTECTIONS SYSTEM IS TO REMAIN INTACT AND OPERATIONAL. REFER TO FIRE PROTECTION AND ARCHITECTURAL DRAWINGS FOR EXTENT OF REQUIRED MODIFICATIONS TO THE EXISTING SYSTEM.

Alternate #1
Contractor to remove all ceilings to the west of column line 9/900, and not have to patch back to demising wall as shown on A-200 series drawings.

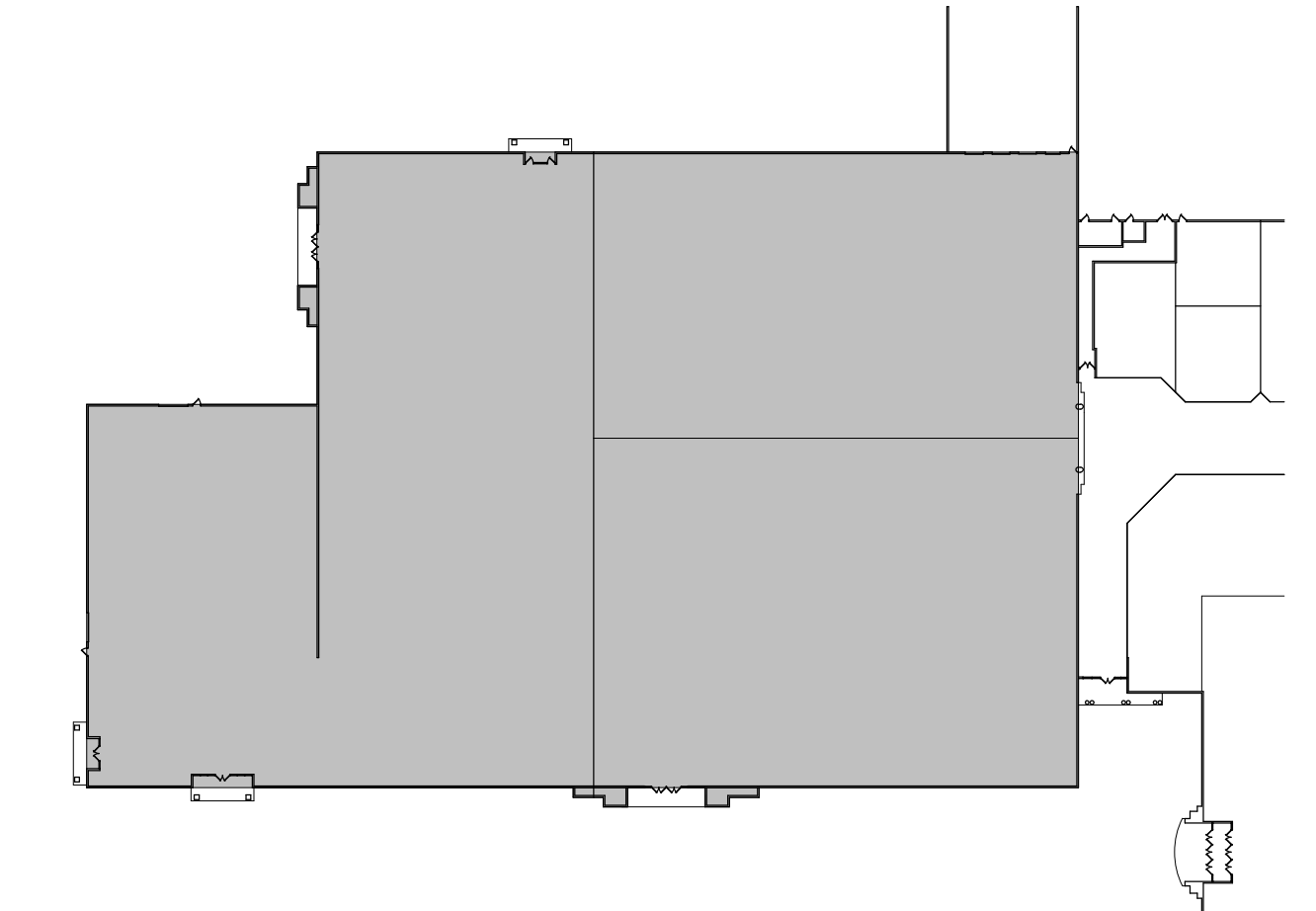
DEMOLITION NOTES - MECHANICAL

- COORDINATE THE DEMOLITION OF ANY POWERED MECHANICAL EQUIPMENT THAT IS TO BE REMOVED WITH THE ELECTRICAL CONTRACTOR.
- CONTRACTOR TO DISPOSE OF ALL EQUIPMENT, PIPING, ETC., IN STRICT ACCORDANCE WITH ALL LOCAL AND FEDERAL REGULATIONS, ALONG WITH ANY ASSOCIATED DISPOSAL FEES AND EXPENSES.
- ANY DEMOLITION WORK INVOLVING ANY UTILITY COMPANY SERVICE LINES, METERS, ETC., SHALL BE IN ACCORDANCE WITH, AND APPROVAL OF THAT UTILITY PROVIDER.
- ANY MALL AND/OR ADJACENT TENANT MECHANICAL DUCTS, CONTROLS, OR PIPING WHICH RUNS THROUGH, ABOVE, OR BELOW THIS PROJECT SPACE SHALL REMAIN ACTIVE. IF AFFECTED BY DEMOLITION, REROUTE AND CONTINUE ANY DUCT, CONTROLS, OR PIPING SYSTEM THAT MUST BE RETAINED FOR THIS PROJECT.
- ALL ELECTRICAL CIRCUITS FOR EQUIPMENT THAT IS TO BE REMOVED SHALL BE DISCONNECTED AT SOURCE AND REMOVED COMPLETE. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL SELECTED DEMOLITION ITEMS.

DEMOLITION NOTES - FIRE SPRINKLER

- EXISTING FIRE SPRINKLER SYSTEM IS TO REMAIN INTACT AND OPERATIONAL. AT LOCATIONS OF REMOVED CEILINGS, KEEP SPRINKLER HEADS TEMPORARILY INTACT UNTIL REDESIGNED BY CERTIFIED SPRINKLER DESIGNER.
- EXISTING ZONED SPRINKLER AREAS TO REMAIN AS IS.
- EXISTING SPRINKLER SYSTEM IS TO BE MODIFIED BY CERTIFIED SPRINKLER CONTRACTOR. ALL EXISTING MAINS AND BRANCH LINES WITHIN UNIT 900 TO BE RAISED TIGHT TO UNDER SIDE OF STRUCTURE WITH UPRIGHT HEADS. REFER TO FIRE PROTECTION DRAWING FOR ADDITIONAL INFORMATION AND DETAIL.
- ANY MALL, AND/OR TENANT FIRE SPRINKLER PIPING WHICH RUNS THROUGH THIS PROJECT SPACE SHALL REMAIN ACTIVE. IF AFFECTED BY DEMOLITION, REROUTE AND CONTINUE ANY PIPING SYSTEM THAT MUST BE RETAINED FOR THIS PROJECT.
- REFER TO FIRE PROTECTION DRAWINGS FOR ADDITIONAL SELECTED DEMOLITION ITEMS.
- CERTIFIED SPRINKLER CONTRACTOR IS TO VERIFY FULL SCOPE OF WORK WITH FIELD VISIT AND, PROVIDE FULL DESIGN DRAWINGS AND CALCULATION AS REQUIRED.

THE GENERAL CONTRACTOR IS TO MAINTAIN A MINIMUM OF 1 FOOT CANDLE OF ILLUMINATION, EMERGENCY LIGHTING AND EXIT LIGHTING AT EXIT DOORS IN THE WORK AREA DURING CONSTRUCTION, PER APPLICABLE CODES. THE WORK AREA WILL BE AN OPEN AREA, SO EXITS WILL BE READILY VISIBLE.

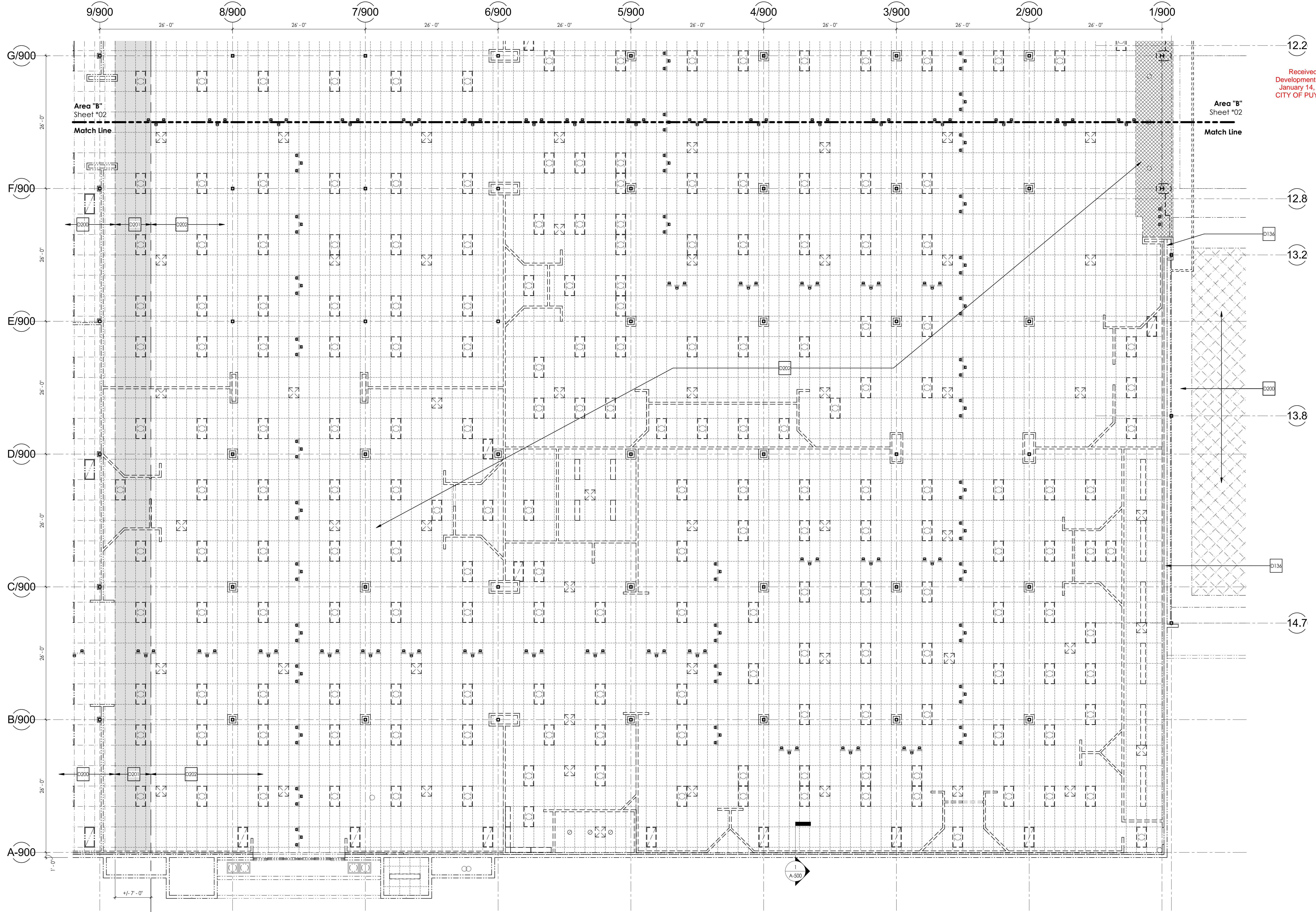


KEY PLAN
SCALE: N/A

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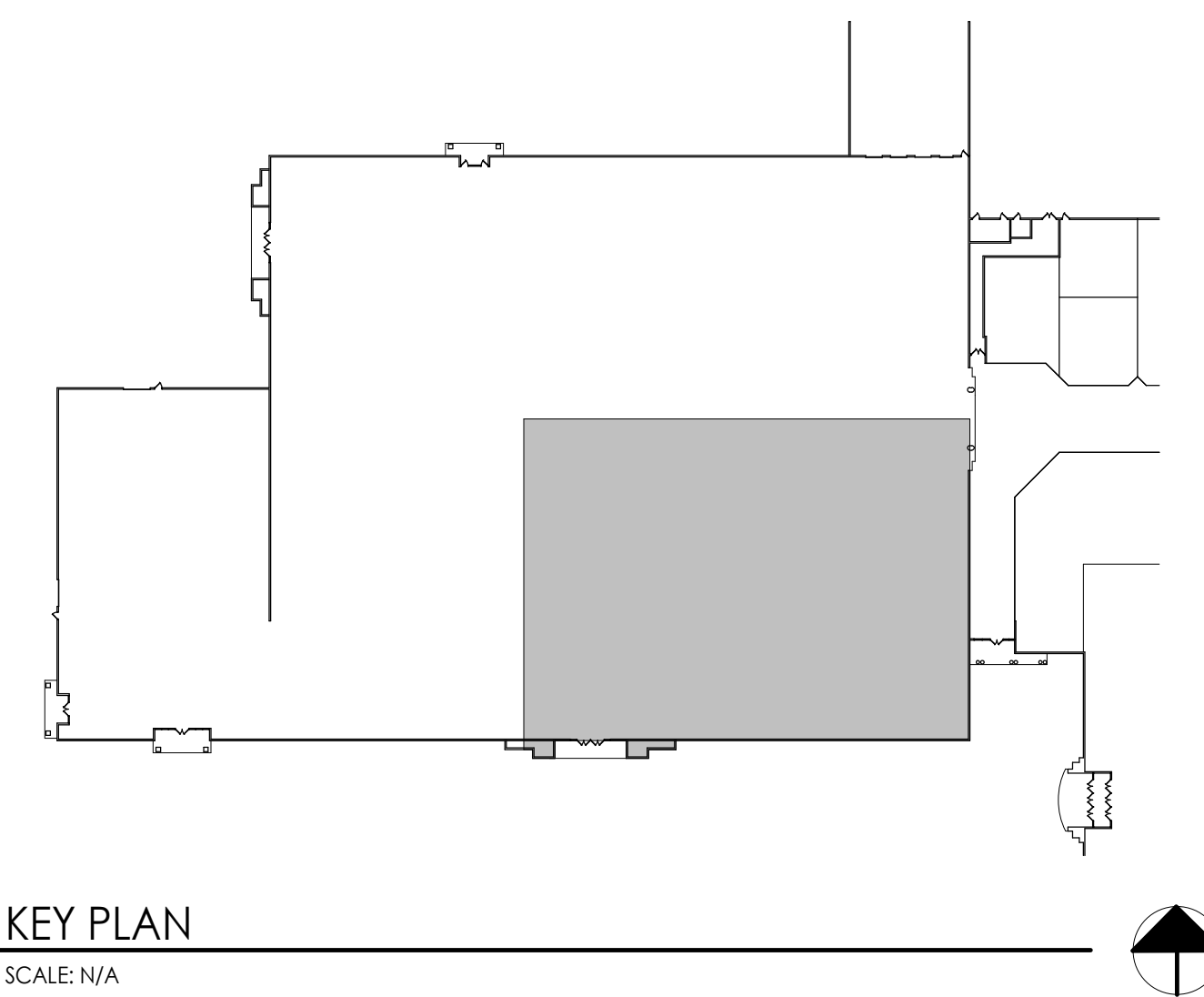
A
D-200 Ceiling Plan - Demolition - Area A
SCALE: 1/8" = 1'-0"

LEGEND TO DEMOLITION PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - -	WALL, PARTITION, OR ITEM TO BE REMOVED
- - -	COLUMN CENTERLINE
▨	SLAB, CEILING AREA, OR ITEM TO BE REMOVED
▩	AREA OF ACOUSTIC CEILING TO BE REMOVED FOR CONSTRUCTION OF DEMISING PARTITION AND REINSTALLED BACK TIGHT TO DEMISING WALL

- DEMOLITION NOTES - MECHANICAL**
- COORDINATE THE DEMOLITION OF ANY POWERED MECHANICAL EQUIPMENT THAT IS TO BE REMOVED WITH THE ELECTRICAL CONTRACTOR.
 - CONTRACTOR TO DISPOSE OF ALL EQUIPMENT, PIPING, ETC., IN STRICT ACCORDANCE WITH ALL LOCAL AND FEDERAL REGULATIONS, ALONG WITH ANY ASSOCIATED DISPOSAL FEES AND EXPENSES.
 - ANY DEMOLITION WORK INVOLVING ANY UTILITY COMPANY SERVICE LINES, METERS, ETC., SHALL BE IN ACCORDANCE WITH, AND APPROVAL OF THAT UTILITY PROVIDER.
 - ANY MALL AND/OR ADJACENT TENANT MECHANICAL DUCTS, CONTROLS, OR PIPING WHICH RUNS THROUGH, ABOVE, OR BELOW THIS PROJECT SPACE SHALL REMAIN ACTIVE. IF AFFECTED BY DEMOLITION, REROUTE AND CONTINUE ANY DUCT, CONTROLS, OR PIPING SYSTEM THAT MUST BE RETAINED FOR THIS PROJECT.
 - ALL ELECTRICAL CIRCUITS FOR EQUIPMENT THAT IS TO BE REMOVED SHALL BE DISCONNECTED AT SOURCE AND REMOVED COMPLETE. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL SELECTED DEMOLITION ITEMS.

CODED NOTES THIS SHEET	
#	DESCRIPTION
D134	EXISTING 2-HOUR FIRE BARRIER BETWEEN MALL AND ANCHOR STORE TO REMAIN INTACT
D200	EXISTING CEILING SYSTEM TO REMAIN - PROTECT AS REQUIRED
D201	EXISTING CEILING SYSTEM TO BE REMOVED AS REQUIRED FOR DEMISING WALL CONSTRUCTION AND REINSTALLED
D202	EXISTING CEILING SYSTEMS TO BE REMOVED COMPLETE, INCLUDING BUT NOT LIMITED TO ALL ELECTRICAL DEVICES AND FIXTURES AND MECHANICAL DEVICES AND DUCTWORK.

Branch Conduit and Conductor Note:
For all devices, fixtures and equipment to be removed,
a. Remove all conductors back to panel/contact
b. Remove conduit to first junction box from panel/contact
• Empty conduit from panel/contact to first junction box to remain for reuse by tenant



KEY PLAN
SCALE: N/A

Received
Development Services
January 14, 2021
CITY OF PUYALLUP

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Issued Final	Issue	By

Project Information:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373

Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

D-201

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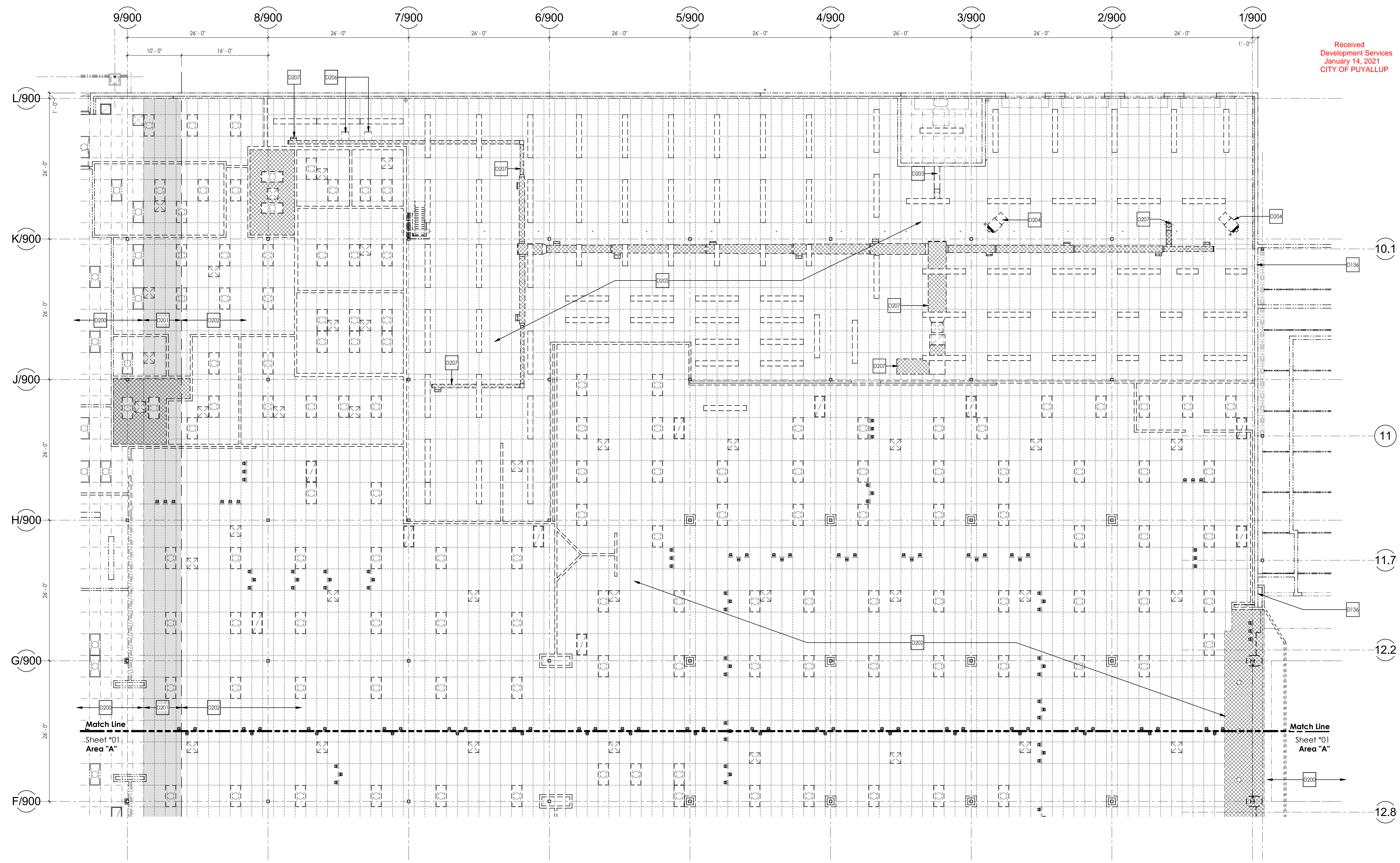
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Issued Final	Issue	By
01-08-2021	TGE	
01-08-2021	DATE	
Revision	Description	
n. no.		

Project Information:
Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

Sheet Title:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373

D-202



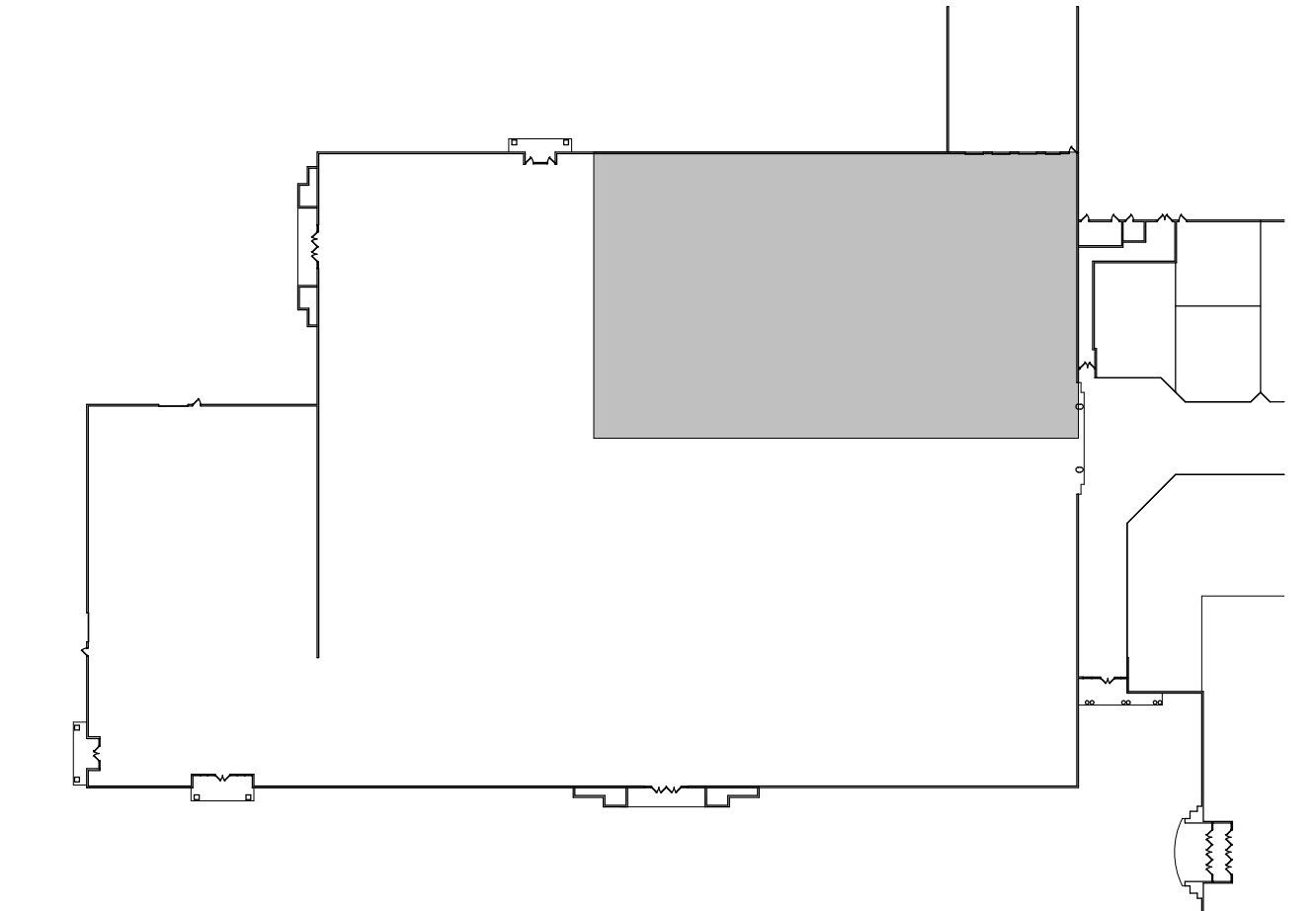
B Ceiling Plan - Demolition - Area B
SCALE: 1/8" = 1'-0"

Branch Conduit and Conductor Note:
For all devices, fixtures and equipment to be removed,
a. Remove all conductors back to panel/contactor
b. Remove conduit to first junction box from panel/contactor
• Empty conduit from panel/contactor to first junction box to remain for reuse by tenant

#	DESCRIPTION
D134	EXISTING 2-HOUR FIRE BARRIER BETWEEN MALL AND ANCHOR STORE TO REMAIN INTACT
D200	EXISTING CEILING SYSTEM TO REMAIN - PROTECT AS REQUIRED
D201	EXISTING CEILING SYSTEM TO BE REMOVED AS REQUIRED FOR DEMISING WALL CONSTRUCTION AND REINSTALLED
D202	EXISTING CEILING SYSTEMS TO BE REMOVED COMPLETE, INCLUDING BUT NOT LIMITED TO ALL ELECTRICAL DEVICES AND FIXTURES AND MECHANICAL DEVICES AND DUCTWORK.
D203	EXISTING EXHAUST DUCT TO REMAIN
D204	EXISTING GAS FIRED UNIT HEATER TO BE REMOVED COMPLETE - PATCH AND REPAIR ROOF
D205	EXISTING SUSPENDED LIGHTING TO BE REMOVED COMPLETE
D206	EXISTING SUSPENDED TRANSFORMER TO BE REMOVED COMPLETE - TRANSFORMER TO BE TURNED OVER TO TENANT FOR REUSE
D207	EXISTING DUCT TO BE REMOVED COMPLETE

THE GENERAL CONTRACTOR IS TO MAINTAIN A MINIMUM OF 1 FOOT CANDLE OF ILLUMINATION, EMERGENCY LIGHTING AND EXIT LIGHTING AT EXIT DOORS IN THE WORK AREA DURING CONSTRUCTION, PER APPLICABLE CODES. THE WORK AREA WILL BE AN OPEN AREA, SO EXITS WILL BE READILY VISIBLE.

SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - - -	WALL, PARTITION, OR ITEM TO BE REMOVED
---	COLUMN CENTERLINE
▨	SLAB, CEILING AREA, OR ITEM TO BE REMOVED
▩	AREA OF ACOUSTIC CEILING TO BE REMOVED FOR CONSTRUCTION OF DEMISING PARTITION AND REINSTALLED BACK TIGHT TO DEMISING WALL.



KEY PLAN
SCALE: N/A

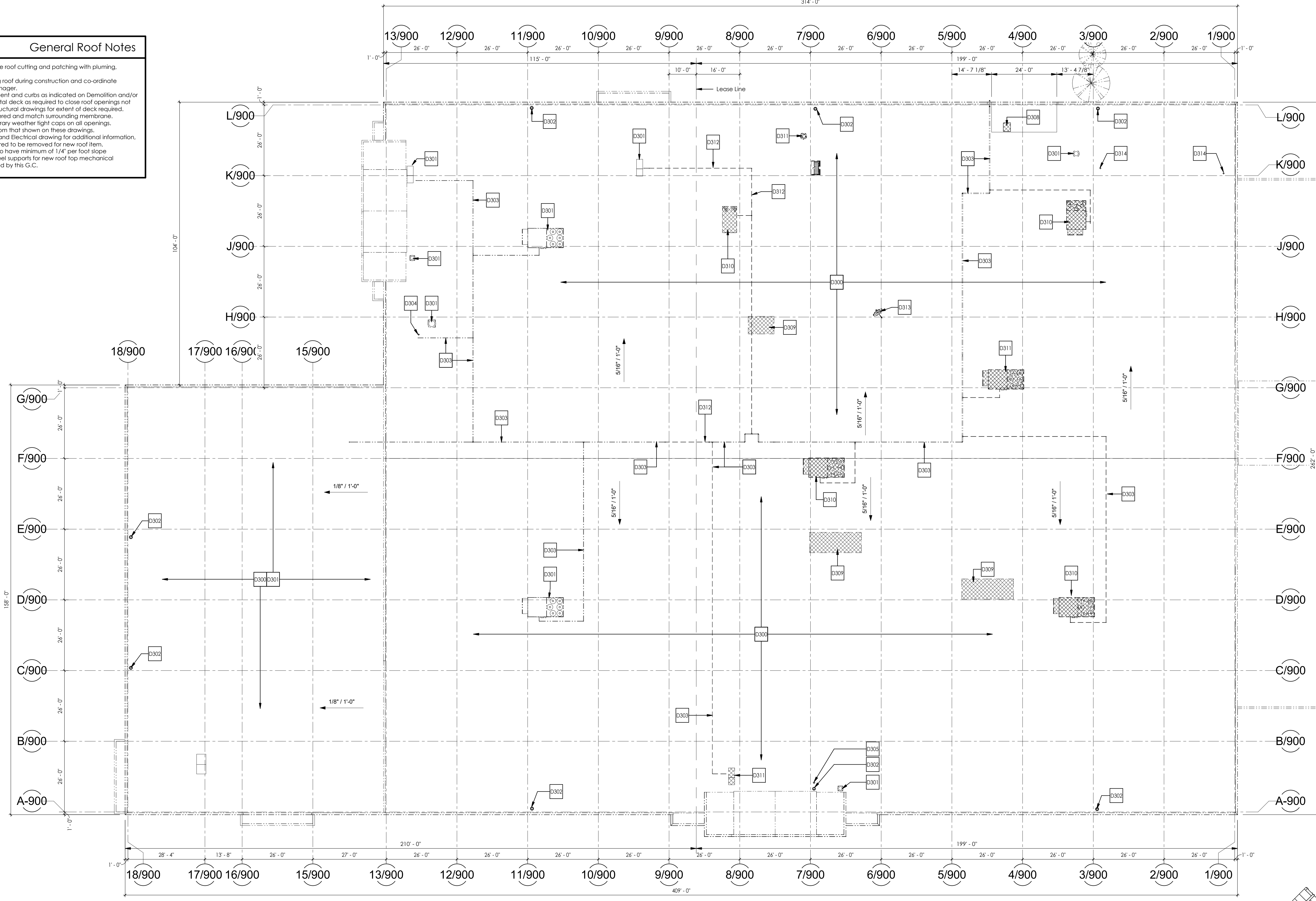
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THE INFORMATION CONTAINED ON THIS DRAWING IS THE EXCLUSIVE PROPERTY OF THE LANDLORD. THE USE OF ANY PORTIONS OF THIS DRAWING OR DESIGN FOR PURPOSES OTHER THAN THE SPECIFIC PROJECT NAMED HEREIN IS STRICTLY PROHIBITED WITHOUT THE EXPRESS WRITTEN CONSENT OF THE LANDLORD AND ITS ARCHITECT.

B-19-1101

General Roof Notes

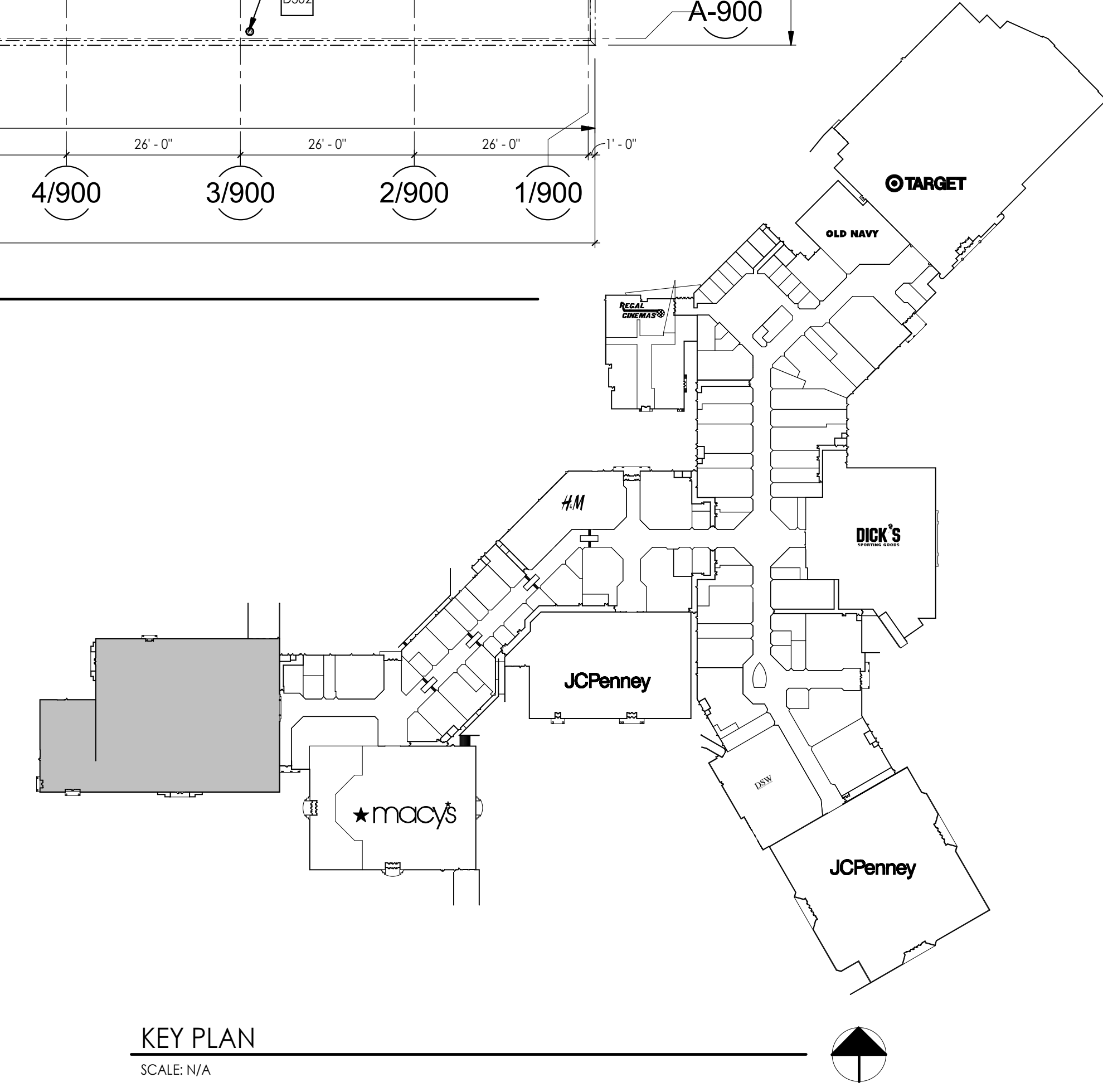
- G.C. and Roofing Contractor to co-ordinate roof cutting and patching with plumbing, mechanical and electrical contractors.
- G.C./Roofing Contractor to protect existing roof during construction and co-ordinate debris/material locations with Property Manager.
- Mechanical Contractor to remove equipment and curbs as indicated on Demolition and/or Mechanical drawings. G.C. to provide metal deck as required to close roof openings not being reused - refer to Mechanical and Structural drawings for extent of deck required.
- All new roof membranes shall be fully adhered and match surrounding membrane.
- G.C./Roofing Contractor to provide temporary weather tight caps on all openings.
- Actual locations of equipment may vary from that shown on these drawings.
- Refer to Structural, Plumbing, Mechanical and Electrical drawing for additional information, including those areas of roof that are required to be removed for new roof item.
- All taper, crickets and new roof areas are to have minimum of 1/4" per foot slope.
- Structural roof deck in-fills and structural steel supports for new roof top mechanical equipment to be by others, but coordinated by this G.C.



Roof Plan - Demolition
SCALE: 1/16" = 1'-0"

LEGEND TO DEMOLITION PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - - -	WALL, PARTITION, OR ITEM TO BE REMOVED
---	COLUMN CENTERLINE
▨	SLAB, CEILING AREA, OR ITEM TO BE REMOVED
▭	AREA OF ACOUSTIC CEILING TO BE REMOVED FOR CONSTRUCTION OF DEMISING PARTITION AND REINSTALLED BACK TIGHT TO DEMISING WALL.

CODED NOTES THIS SHEET	
#	DESCRIPTION
D300	EXISTING APP MEMBRANE TO REMAIN - PROTECT AS REQUIRED
D301	EXISTING MECHANICAL EQUIPMENT TO REMAIN (NOT ALL SHOWN), UNLESS NOTED OTHERWISE
D302	EXISTING ROOF DRAIN TO REMAIN - PROTECT AS REQUIRED
D303	EXISTING GAS PIPING AND SUPPORTS TO REMAIN - PROTECT AS REQUIRED
D304	EXISTING MECHANICAL EQUIPMENT FLUE TO REMAIN
D305	EXISTING ROOF OVERFLOW DRAIN TO REMAIN - PROTECT AS REQUIRED
D308	REMOVE EXISTING DECK, INSULATION AND MEMBRANE FOR NEW ROOF ACCESS HATCH - REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
D309	REMOVE EXISTING DECK, INSULATION AND MEMBRANE FOR NEW MECHANICAL EQUIPMENT - REFER TO MECHANICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
D310	EXISTING MECHANICAL EQUIPMENT TO BE REMOVED COMPLETE, OPENING TO BE IN-FILLED WITH METAL DECK, INSULATION AND MEMBRANE - REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
D311	EXISTING MECHANICAL EQUIPMENT TO BE REMOVED COMPLETE, OPENING MODIFIED FOR NEW EQUIPMENT - REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
D312	EXISTING GAS LINE TO BE CUT, CAPPED AND REMOVED - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
D313	EXISTING SATELLITE DISH AND SUPPORT COLUMN TO BE REMOVED COMPLETE, PATCH AND REPAIR ROOF AS REQUIRED
D314	EXISTING MECHANICAL EQUIPMENT FLUE TO BE REMOVED, PATCH AND REPAIR ROOF AS REQUIRED



KEY PLAN
SCALE: N/A

Received
Development Services
January 14, 2021
CITY OF PUYALLUP

Developer:
CAFARO
Commercial & Industrial
Real Estate Developers
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Revision	Issue Date	Issue By	Issue For
01-08-2021	TGE		
D300	D300		

Project Information:
ROOF PLAN - DEMOLITION

Project Information:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373

Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

D-300

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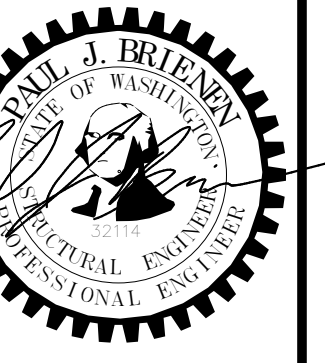


Table with columns: Issued/Revised, Date, Description, By, Checked, Date, Description, By, No. No.

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STATEMENT OF SPECIAL INSPECTIONS:

SPECIAL INSPECTION: SPECIAL INSPECTION SHALL BE PROVIDED PER THE REQUIREMENTS OF IBC SECTION 1704 AND AS NOTED HEREIN.

Table: CONCRETE. Columns: VERIFICATION AND INSPECTION, C, P, REFERENCED STANDARD, NOTES. Includes rows for NO NEW STRUCTURAL CONCRETE IN PROJECT, ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS, etc.

Table: STEEL CONSTRUCTION. Columns: VERIFICATION AND INSPECTION, C, P, REFERENCED STANDARD, NOTES. Includes rows for MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, HIGH-STRENGTH BOLTING, etc.

Table: STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL. Columns: VERIFICATION AND INSPECTION, C, P, REFERENCED STANDARD, NOTES. Includes rows for MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK, etc.

Table: COLD-FORMED STEEL FRAMING. Columns: VERIFICATION AND INSPECTION, C, P, REFERENCED STANDARD, NOTES. Includes rows for SCREW ATTACHMENT, WELDING, BOLTING, ANCHORING, etc.

Table: STORAGE RACKS AND ACCESS FLOORS. Columns: VERIFICATION AND INSPECTION, C, P, REFERENCED STANDARD, NOTES. Includes rows for INSPECTION OF ANCHORAGE DETAILS FOR COMPLIANCE WITH MANUFACTURER'S REQUIREMENTS, etc.

Table: ANCHORED VENEER. Columns: VERIFICATION AND INSPECTION, C, P, REFERENCED STANDARD, NOTES. Includes rows for INSPECTION PROGRAM SHALL VERIFY: SIZE, TYPE OF VENEER ANCHORS, etc.

Table: FIRE-RESISTANT MATERIALS. Columns: VERIFICATION AND INSPECTION, C, P, REFERENCED STANDARD, NOTES. Includes rows for SPRAYED FIRE-RESISTANT MATERIALS, MASTIC AND INTUMESCENT COATINGS, etc.

Table: SUSPENDED CEILINGS. Columns: VERIFICATION AND INSPECTION, C, P, REFERENCED STANDARD, NOTES. Includes rows for ANCHORAGE AND SEISMIC BRACING.

SPECIAL INSPECTION OF ELECTRICAL AND MECHANICAL COMPONENTS PER IBC 1705.12.6 WHERE APPLICABLE.

C DENOTES CONTINUOUS INSPECTION
P DENOTES PERIODIC INSPECTION

TESTING AND SPECIAL INSPECTION REPORTS SHALL BE PREPARED FOR EACH INSPECTION ITEM ON A DAILY BASIS WHENEVER WORK IS PERFORMED ON THAT ITEM. REPORTS SHALL BE DISTRIBUTED TO OWNER, CONTRACTOR, BUILDING OFFICIAL, ARCHITECT AND STRUCTURAL ENGINEER.

STRUCTURAL OBSERVATIONS SHALL BE PERFORMED BY THE STRUCTURAL ENGINEER OF RECORD OR DESIGNATED REPRESENTATIVE IN ACCORDANCE WITH IBC 1704.6.

STRUCTURAL OBSERVATION SHALL BE PERFORMED AS FOLLOWS:
• PERIODIC VISUAL OBSERVATION OF STRUCTURAL SYSTEMS FOR GENERAL CONFORMANCE TO CONSTRUCTION DOCUMENTS AT SIGNIFICANT CONSTRUCTION STAGES.
• REVIEW OF TESTING AND INSPECTION REPORTS.
• REPORTS SHALL BE PREPARED FOR EACH SITE VISIT AND SHALL BE DISTRIBUTED TO ARCHITECT.

GENERAL CONTRACTOR SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL INCLUDE ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.

REFERENCE STANDARDS

- 1. AISC STEEL CONSTRUCTION MANUAL - 14TH EDITION - ANSIAISC 360-10
2. AISC SEISMIC DESIGN MANUAL - 2ND EDITION - ANSIAISC 341-10
3. AISC CODE OF STANDARD PRACTICE - AISC 303-10
4. ROCS SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS - AISC 348-14
5. AWS D1.1 STRUCTURAL WELDING CODE

GENERAL REQUIREMENTS

FABRICATION ALL STEEL FABRICATION SHALL BE PERFORMED BY AN AISC CERTIFIED FABRICATION SHOP. CATEGORY STD. ALL DETAILERS SHALL BE EXPERIENCED WITH SIMILAR SIZE AND SCOPE OF PROJECTS.

ERECTOR ALL STEEL ERECTION SHALL BE PERFORMED BY AN AISC CERTIFIED STEEL ERECTOR. CATEGORY CSE. THE CONTRACTOR SHALL PROVIDE AND COORDINATE ALL ERECTION AIDS.

SHOP DRAWINGS ALL WORK SHALL CONFORM TO THE AISC SPECIFICATIONS. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER, AND BE APPROVED, PRIOR TO COMMENCING FABRICATION. ALL STEEL BEAMS ARE EQUALLY SPACED BETWEEN DIMENSION POINTS AND/OR GRID LINES UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL COORDINATE THE USE OF TYPICAL DETAILS AND THE SELECTION OF OPTIONAL DETAILS SHOWN ON THE DRAWINGS.

NON-EXPOSED STRUCTURAL STEEL STRUCTURAL STEEL THAT IS NOT EXPOSED TO EARTH OR WEATHER OR DESIGNATED AS (AESS) SHALL BE UNPAINTED, CLEAN OF LOOSE RUST, LOOSE MILL SCALE, GREASE, OIL, AND MEET THE REQUIREMENTS OF SSPC-SP1.

FAYING SURFACES AND WELDS NEAR CONNECTIONS THE FAYING SURFACES OF SLIP CRITICAL BOLTED CONNECTIONS SHALL CONFORM TO THE ROCS SPECIFICATIONS. ALL SURFACES WITHIN 2-INCHES OF FIELD WELD LOCATIONS SHALL BE FREE OF MATERIALS THAT WOULD PREVENT PROPER WELDING AND/OR OBSTRUCTIBLE FUMES.

FIREPROOFING REFER TO ARCHITECTURAL PLANS FOR MINIMUM HOURLY VALUES OF STEEL FIRE PROTECTION FOR DETERMINING THE THICKNESS OF SPRAY APPLIED FIREPROOFING. THE STRUCTURAL FRAME CONSISTS OF COLUMNS AND GIRDERS, BEAMS, TRUSSES, AND SPANDRELS HAVING DIRECT CONNECTIONS TO THE COLUMNS AND BRACING MEMBERS DESIGNED TO CARRY GRAVITY LOADS. FLOOR OR ROOF MEMBERS THAT HAVE NO CONNECTION TO COLUMNS SHALL BE CONSIDERED SECONDARY MEMBERS.

MATERIAL CRITERIA

STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS UNLESS NOTED OTHERWISE ON PLANS:

Table: MATERIAL CRITERIA. Includes sections for STRUCTURAL STEEL MEMBERS, BOLTS / FASTENERS / ANCHORS, WELDING.

BOLTING

HIGH STRENGTH BOLTING ALL HIGH STRENGTH BOLTS SHALL BE INSTALLED, TIGHTENED, AND INSPECTED IN ACCORDANCE WITH THE ROCS. BOLTS IN CONNECTIONS OF BEAM-TO-BEAM AND BEAM-TO-GIRDER MAY BE SNUG TIGHT UNLESS SPECIFICALLY CALLED OUT AS SLIP CRITICAL (SC). ALL OTHER BOLTED CONNECTIONS SHALL SATISFY THE CRITERIA FOR SLIP CRITICAL (SC) CONNECTIONS UNLESS SPECIFICALLY NOTED AS SNUG TIGHT. SLIP CRITICAL CONNECTIONS SHALL USE TENSION CONTROL BOLTS OR LOAD INDICATOR WASHERS. ALL BOLT HOLES SHALL BE STANDARD SIZE HOLES UNLESS NOTED OTHERWISE.

WELDING

ALL STRUCTURAL STEEL WELDING SHALL CONFORM TO AWS D1.1.

FIELD WELD SYMBOLS NOT ALL FIELD WELDS ARE INDICATED WITH A FIELD WELD SYMBOL. THE CONTRACTOR SHALL COORDINATE ALL FIELD WELDS BETWEEN THE FABRICATOR AND ERECTOR AND PROPERLY IDENTIFY SUCH WELDS AS SUCH ON THE SHOP DRAWINGS.

WELDING SUBMITTALS 1. WELD PROCEDURE SPECIFICATIONS. 2. CHARPY V-NOTCH CONFORMANCE CERTIFICATE FOR WELDING ELECTRODES. 3. CHARPY V-NOTCH CONFORMANCE FOR HEAVY SHAPES OR JUMBO SECTIONS. 4. WELDER CERTIFICATIONS WAGDAWS FOR EACH POSITION AND WELD TYPE.

WELD TABS ALL WELD TABS SHALL BE REMOVED AND THE WELD ENDS GROUND SMOOTH.

WELDER CERTIFICATION ALL WELDING SHALL BE PERFORMED BY AWS/WABO CERTIFIED WELDERS AND IN ACCORDANCE WITH AWS D1.1.

WELD FILLER MATERIAL ALL WELD FILLER METAL INCLUDING SHALL BE COMPATIBLE. ALL WELD FILLER METAL AND PROCESS SHALL PROVIDE TENSILE STRENGTH CHARPY V-NOTCH RATING AS FOLLOWS:

Table: GRAVITY MEMBERS, SLRS MEMBERS. Columns: WELD TYPE, FILLER MATERIAL, CVN RATING.

INSPECTION ALL WELDS SHALL BE INSPECTED AS REQUIRED IN THE STATEMENT OF SPECIAL INSPECTION OF THESE GENERAL NOTES.

ROOF DECK

STEEL ROOF DECK STEEL ROOF DECK SHALL BE VERCO TYPE B, ASC TYPE B, OR APPROVED EQUAL.

BASIS OF DESIGN

THE PURPOSE OF THIS STRUCTURAL DESIGN IS TO BRING THE EAST STRUCTURE INTO CONFORMANCE WITH THE 2015 INTERNATIONAL BUILDING CODE AS ADOPTED AND AMENDED BY THE CITY OF PUYALLUP. THE ORIGINAL STRUCTURE WAS CONSTRUCTED IN 1993 AND DESIGNED ACCORDING TO THE 1988 UNIFORM BUILDING CODE. WE CONSIDER THE ORIGINAL BUILDING'S DESIGN TO BE SUBSTANTIALLY CONFORMING TO CURRENT 2015 IBC DESIGN REQUIREMENTS WITH THE EXCEPTION OF SOME SEISMIC PROVISIONS. THE DESIGN ALSO INCLUDES ADDING ROOF STRUCTURAL MEMBERS TO SUPPORT NEW MECHANICAL ROOF TOP UNITS.

WE ANALYZED THE EXISTING STRUCTURE UTILIZING ETABS COMPUTER SOFTWARE. THIS INCORPORATES A 3-DIMENSIONAL FINITE ELEMENT MODEL OF THE BUILDING. THE SEISMIC DESIGN LOADS UTILIZED IN THE ANALYSIS CONFORM TO THE IBC 2015 FOR NEW BUILDINGS. THE ANALYSIS DETERMINED THAT MOST OF THE TILT PANEL FOUNDATION CONNECTIONS AND PANEL TO PANEL CONNECTIONS WERE OVER STRESSED. THIS COMES FROM ADDITIONAL CODE DEVELOPMENTS THAT HAVE SUBSTANTIALLY INCREASED LOADS ON SUCH CONNECTIONS IN RECENT YEARS. ALL OTHER ASPECTS OF THE STRUCTURE ESSENTIALLY MEET THE STRENGTH PROVISIONS OF THE 2015 IBC AND WE HAVE REQUESTED IN SITU TEST ON DIAPHRAGM ANCHORAGE AND CONCRETE STRENGTH.

THE EXISTING TILT PANEL FOUNDATION CONNECTIONS ARE EXTREMELY CHALLENGING AND EXPENSIVE TO STRENGTHEN. THUS, OUR APPROACH WAS TO COUPLE THE TILT PANEL TOGETHER BY ADDING CONNECTION PLATES. ONCE COUPLED TOGETHER THE WALL SEGMENTS BEHAVE AS MUCH LONGER WALL PANELS AND REDUCE THE FOUNDATION TENSION FORCES SUCH THAT THEY MEET THE REQUIREMENTS OF THE 2015 IBC. BY COUPLING THE WALLS TOGETHER, THE BUILDING DRIFT IS ALSO REDUCED WHICH IS STRUCTURALLY ADVANTAGEOUS.

THE PANEL CONCRETE STRESSES WERE ALL IN CONFORMANCE WITH THE 2015 IBC THUS THE ONLY STRENGTHENING REQUIRED ARE THE CONNECTION PLATES.

DESIGN CRITERIA

BUILDING CATEGORY STRUCTURAL RISK CATEGORY III IMPORTANCE FACTOR SEISMIC Ie = 1.25

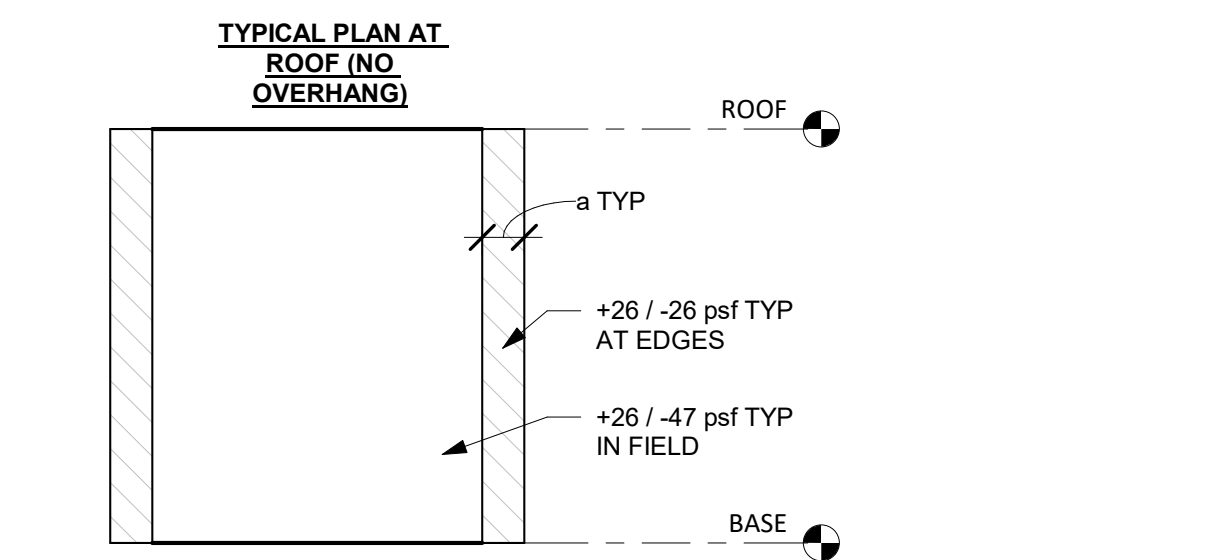
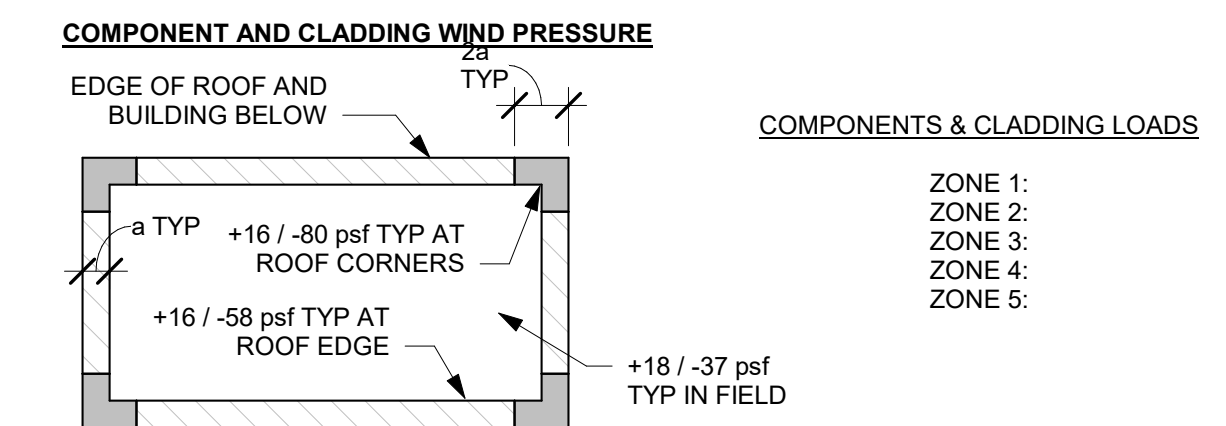
GRAVITY LOADS ROOF = 25 PSF SNOW PLUS MECHANICAL UNITS

SEISMIC LOADS SITE CLASS = D (ASSUMED) SEISMIC DESIGN CATEGORY = D MAPPED SPECTRAL RESPONSE PARAMETERS Ss = 1.248 g, S1 = 0.480 g, Sds = 0.833 g, Sd1 = 0.486 g

ANALYSIS TYPE = EQUIVALENT LATERAL FORCE PROCEDURE R = 1.0 (INTERMEDIATE PRECAST SHEARS WALLS) OMEGA = 2.5 Cd = 4 BUILDING SEISMIC WEIGHT, W = 2624 KIIPS SEISMIC RESPONSE COEFFICIENT, Cs = 0.26 BASE SHEAR, V = Cs*W = 682 KIIPS REDUNDANCY FACTOR = 1.0

WIND LOADS EXPOSURE CATEGORY = B BASIC WIND SPEED = 115 MPH Kzt = 1.0

COMPONENT AND CLADDING WIND PRESSURE EDGE OF ROOF AND BUILDING BELOW



NOTES: 1. WIND LOADS FOR COMPONENT AND CLADDING ARE DETERMINED IN ACCORDANCE WITH ASCE 7-10, CHAPTER 30.

2. EXTERIOR COMPONENTS AND CLADDING SHALL BE DESIGNED TO ACCOMMODATE WORST-CASE WIND LOAD SHOWN.

3. POSITIVE PRESSURE ACTS TOWARDS THE SURFACE OF THE STRUCTURE. NEGATIVE PRESSURE ACTS OUTWARD AS SUCTION ON THE BUILDING SURFACE.

4. PRESSURE ARE CALCULATED USING MINIMUM EFFECTIVE AREA OF 10 sf. FOR ROOF AREAS GREATER THAN 10 sf EXCEPT AT OVERHANGS, NEGATIVE PRESSURE MAY BE REDUCED AS FOLLOWS:

20 sf < AREA < 50 sf 5% REDUCTION
50 sf < AREA < 80 sf 12% REDUCTION
80 sf < AREA < 200 sf 16% REDUCTION
200 sf < AREA 2% REDUCTION

FOR ALL OVERHANGS, NO WIND LOAD MAY BE REDUCED FOR WALL AREAS AND PARAPET AREAS GREATER THAN 10 sf. POSITIVE PRESSURE MAY BE REDUCED AS FOLLOWS:

20 sf < AREA < 50 sf 5% REDUCTION
50 sf < AREA < 80 sf 12% REDUCTION
80 sf < AREA < 200 sf 16% REDUCTION
200 sf < AREA 2% REDUCTION

FOR WALL AREAS AND PARAPET AREAS GREATER THAN 10 sf, NEGATIVE PRESSURE MAY BE REDUCED AS FOLLOWS:

20 sf < AREA < 50 sf 3% REDUCTION
50 sf < AREA < 80 sf 8% REDUCTION
80 sf < AREA < 200 sf 10% REDUCTION
200 sf < AREA 15% REDUCTION

5. EDGE PRESSURE SHALL BE USED FOR A DISTANCE "r" FROM THE BUILDING CORNERS, WHERE "r" IS 10% OF THE LEAST HORIZONTAL DIMENSION, BUT NOT LESS THAN 3'-0".

6. NET PRESSURE ON THE PARAPETS SHALL BE +106 psf / -72 psf. ATTACHMENTS TO THE INTERIOR SIDE OF THE PARAPETS SHALL BE DESIGNED TO ACCOMMODATE NEGATIVE PRESSURE OF THE ADJACENT ROOF.

GENERAL NOTES

BUILDING CODE THE 2015 EDITION OF THE INTERNATIONAL BUILDING CODE (IBC), AS ADOPTED OR AMENDED BY THE LOCAL BUILDING OFFICIAL OR JURISDICTION, SHALL GOVERN DESIGN AND CONSTRUCTION.

ENGINEER THE TERM ENGINEER, "EOR," AND/OR "SE" AS USED IN THESE STRUCTURAL DOCUMENTS SHALL MEAN BRIEN STRUCTURAL ENGINEERS, P.S.

REFERENCE STANDARDS ALL WORK SHALL CONFORM TO ALL REQUIREMENTS OF THE REFERENCE STANDARDS AND CODES INDICATED IN THE DRAWINGS UNLESS NOTED OTHERWISE. REFERENCE TO ASTM AND OTHER STANDARDS SHALL MEAN THE LATEST EDITION AS OF THE BID DATE OR DATE OF OWNER-CONTRACTOR AGREEMENT, WHICHEVER IS LATER, UNLESS NOTED IN THESE DOCUMENTS OR DESIGNATED BY THE BUILDING CODE.

PRIME CONTRACT DRAWINGS THE ARCHITECTURAL DRAWINGS ARE THE PRIME CONTRACT DRAWINGS. STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, CIVIL, AND LANDSCAPING, AMONG OTHERS, ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS TO THE PRIME CONTRACT DRAWINGS, STRUCTURAL DRAWINGS, AND OTHER SUPPLEMENTARY DRAWINGS.

OMISSIONS/CONFLICTS CONTRACTOR SHALL VERIFY ALL DIMENSIONS, FLOOR ELEVATIONS, DEPRESSIONS, FINISHES, STAIR DETAILS, GUARDRAILS, AND ETC. WITH OTHER DISCIPLINES INCLUDING ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND CIVIL DRAWINGS. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE.

TYPICAL DETAILS TYPICAL DETAILS SHOWN ON THE DRAWINGS SHALL APPLY UNLESS NOTED OTHERWISE. SOME TYPICAL DETAILS ARE CUT OR OTHERWISE REFERENCED IN THE DRAWINGS HOWEVER MOST OR NOT. WHERE TYPICAL DETAILS ARE NOTED ON THE DRAWINGS THE SPECIFIC DETAIL SHALL BE USED. WHERE NO DETAIL IS NOTED IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CHOOSE THE APPROPRIATE DETAIL FROM THOSE PROVIDED.

SUBSTITUTIONS THE CONTRACTOR SHALL SUBMIT ALL SUBSTITUTION REQUESTS (MATERIAL, PROCEDURE, CONFIGURATION, AND/OR DETAIL) TO THE ARCHITECT/ENGINEER PRIOR TO SHOP DRAWING PRODUCTION.

SPECIFICATIONS REFER TO THE SPECIFICATIONS FOR INFORMATION IN ADDITION TO THESE NOTES AND THE STRUCTURAL DRAWINGS.

CONSTRUCTION MEANS AND METHODS AND SAFETY CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION MEANS/METHODS AND FOR VERIFYING STRUCTURAL CAPACITY PRIOR TO APPLYING CONSTRUCTION LOADING. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY AT THE SITE AND FOR THE STRENGTH AND STABILITY OF ALL PARTIALLY COMPLETED STRUCTURE. CONFORM TO ASCE 37 DESIGN LOADS ON STRUCTURES DURING CONSTRUCTION.

CONTRACTOR-DESIGNED ELEMENTS CONTRACTOR IS RESPONSIBLE FOR STRUCTURAL DESIGN OF THE FOLLOWING ELEMENTS. SUBMIT DRAWINGS TO THE ENGINEER FOR REVIEW. ENGINEER'S REVIEW WILL BE ONLY FOR COMPATIBILITY WITH THE STRUCTURAL FRAME DESIGN PREPARED BY ENGINEER.

- METAL STUD CLADDING SYSTEM
• INTERIOR METAL STUD PARTITION WALLS
• STORE FRONT / WINDOW WALL SYSTEMS
• MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT ANCHORAGE
• LADDERS AND ROOF HATCHES
• TEMPORARY FALL PROTECTIONS

STRUCTURAL OBSERVATION THE ENGINEER WILL PERFORM PERIODIC OBSERVATION DURING CONSTRUCTION OF THE FOUNDATION AND STRUCTURAL FRAME AS REQUIRED BY THE BUILDING CODE.

GEOTECHNICAL

THE GEOTECHNICAL SHOWN ON THE ORIGINAL CONSTRUCTION DRAWINGS, SHEET SS, DATED FEBRUARY 5TH, 1993, WAS USED FOR DESIGN. NO FOUNDATION WORK IS INCLUDED IN THIS SEISMIC RETROFIT STRUCTURAL DESIGN.

ALLOWABLE BEARING PRESSURE (DEAD + LIVE) = 3000 PSF A 10 INCREASE IS ALLOWED FOR WIND OR SEISMIC

SUBMITTALS

SHOP DRAWINGS AND MATERIAL SUBMITTALS FOR THE ITEMS SHOWN BELOW SHALL BE SUBMITTED TO THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD PRIOR TO FABRICATION OR CONSTRUCTION. IF DEVIATIONS, DISCREPANCIES OR CONFLICTS BETWEEN SHOP DRAWINGS SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED EITHER PRIOR TO OR AFTER REVIEW, THE CONTRACT DOCUMENTS CONTROL AND SHALL BE FOLLOWED.

- 1. CONTRACTOR QUALITY CONTROL TESTING PROCEDURES
2. CONCRETE MIX DESIGNS
3. FABRICATION SHOP AISC CERTIFICATION
4. STRUCTURAL STEEL MILL CERTIFICATES SHALL BE AVAILABLE UPON REQUEST
5. STRUCTURAL STEEL SHOP AND ERECTION DRAWINGS
6. WELDING PROCEDURES
7. METAL DECK MATERIAL AND LAYOUT SUBMITTAL
8. ROOF RTU ROUGH OPENING LAYOUT FULLY DIMENSIONED
9. ROOF RTU CURB LAYOUT FULLY DIMENSIONED WITH REACTIONS

DEFERRED SUBMITTALS

GENERAL DESIGN DRAWINGS, CALCULATIONS, AND SHOP DRAWINGS, FOR ITEMS THAT ARE DESIGNED BY OTHERS SHALL BE SEALED BY A PROFESSIONAL ENGINEER (PE) OR STRUCTURAL ENGINEER (SE) REGISTERED IN THE STATE IN WHICH THE BUILDING WILL BE CONSTRUCTED, AND SUBMITTED TO THE ARCHITECT, STRUCTURAL ENGINEER, AND BUILDING OFFICIAL, PRIOR TO FABRICATION. SUBMITTED CALCULATIONS ARE FOR INFORMATION ONLY AND WILL NOT BE STAMPED OR RETURNED. ALL DESIGNS SHALL BE PERFORMED IN ACCORDANCE WITH THE GOVERNING BUILDING CODE. THESE ITEMS SHALL NOT INDUCE TORSIONAL LOADING INTO SUPPORTING STRUCTURAL MEMBERS WITHOUT ADDITIONAL BRACING OF THOSE MEMBERS. TORSIONAL BRACING SHALL BE DESIGNED BY THE DESIGNER AND APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.

EXTERIOR CLADDING (PE) THE CLADDING SYSTEMS ARE DEFINED AS: WINDOW WALL SYSTEMS, CURTAIN WALL SYSTEMS, ASSOCIATED PRECAST ELEMENTS, METAL FRAMING, WATERPROOFING, ETC... EXTERIOR CLADDING CONNECTIONS SHALL ACCOUNT FOR STRUCTURAL DEFLECTIONS, COLUMN SHORTENING, AND CONSTRUCTION TOLERANCES. THE CLADDING DESIGN SHALL ACCOMMODATE A VERTICAL MOVEMENT OF 3/4-INCH AT EACH FLOOR DUE TO LIVE LOADING. THIS DISPLACEMENT WILL TYPICALLY OCCUR AT THE MIDSPAN OF SLAB SPANS, BEAM SPANS, AND AT THE FREE END OF CANTILEVERS. THE DESIGN SHALL ALSO ACCOMMODATE LATERAL MOVEMENTS OF 2% OF THE FLOOR HEIGHT AND SHALL NOT LATERALLY THE TWO FLOORS TOGETHER.

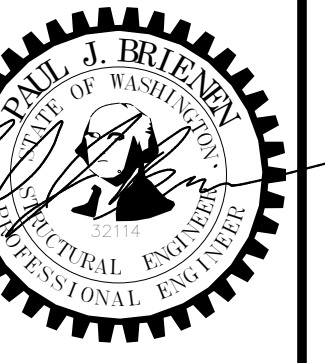
EQUIPMENT ANCHORAGES AND BRACING (PE) ALL ELECTRICAL, MECHANICAL, AND OTHER EQUIPMENT ANCHORAGE SHALL BE DESIGNED BY THE CONTRACTOR OR SUBCONTRACTOR. ANCHORS DRILLED INTO POST-TENSIONED CONCRETE SHALL AVOID POST-TENSIONED CABLES BY A MINIMUM OF 6-INCHES IN ANY DIRECTION. LATERAL LOADS SHALL NOT BE APPLIED TO BOTTOM FLANGES OF STEEL BEAMS WITHOUT PROVIDING BRACING TO RESIST 100-PERCENT OF THE APPLIED LATERAL LOAD.

POST-INSTALLED ANCHORS

GENERAL POST-INSTALLED ANCHORS SHALL NOT BE INSTALLED WITHOUT PRIOR APPROVAL OF STRUCTURAL ENGINEER OF RECORD UNLESS SPECIFIED ON THE STRUCTURAL DRAWINGS.

ADHESIVE ANCHORS ADHESIVE ANCHORS (THREADED RODS OR REINFORCING BARS) SHALL BE INSTALLED USING "HIT-4200", MANUFACTURED BY THE HILTI CORPORATION. INSTALL PER ICC REPORT NUMBER ESR-3167 AND FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS.

EXPANSION ANCHORS EXPANSION ANCHORS INTO CONCRETE AND MASONRY UNITS SHALL BE "KWIK BOLT TZ", MANUFACTURED BY THE HILTI CORPORATION. INSTALL PER ICC REPORT NUMBER ESR-1917 AND FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS.



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Nes. Ohio 44444
E-Mail: rpartika@tripcompany.com

Revision	Number	Description	Date	Issue	By
01-08-2021	01	Final	01/08/2021	Issue	BJB

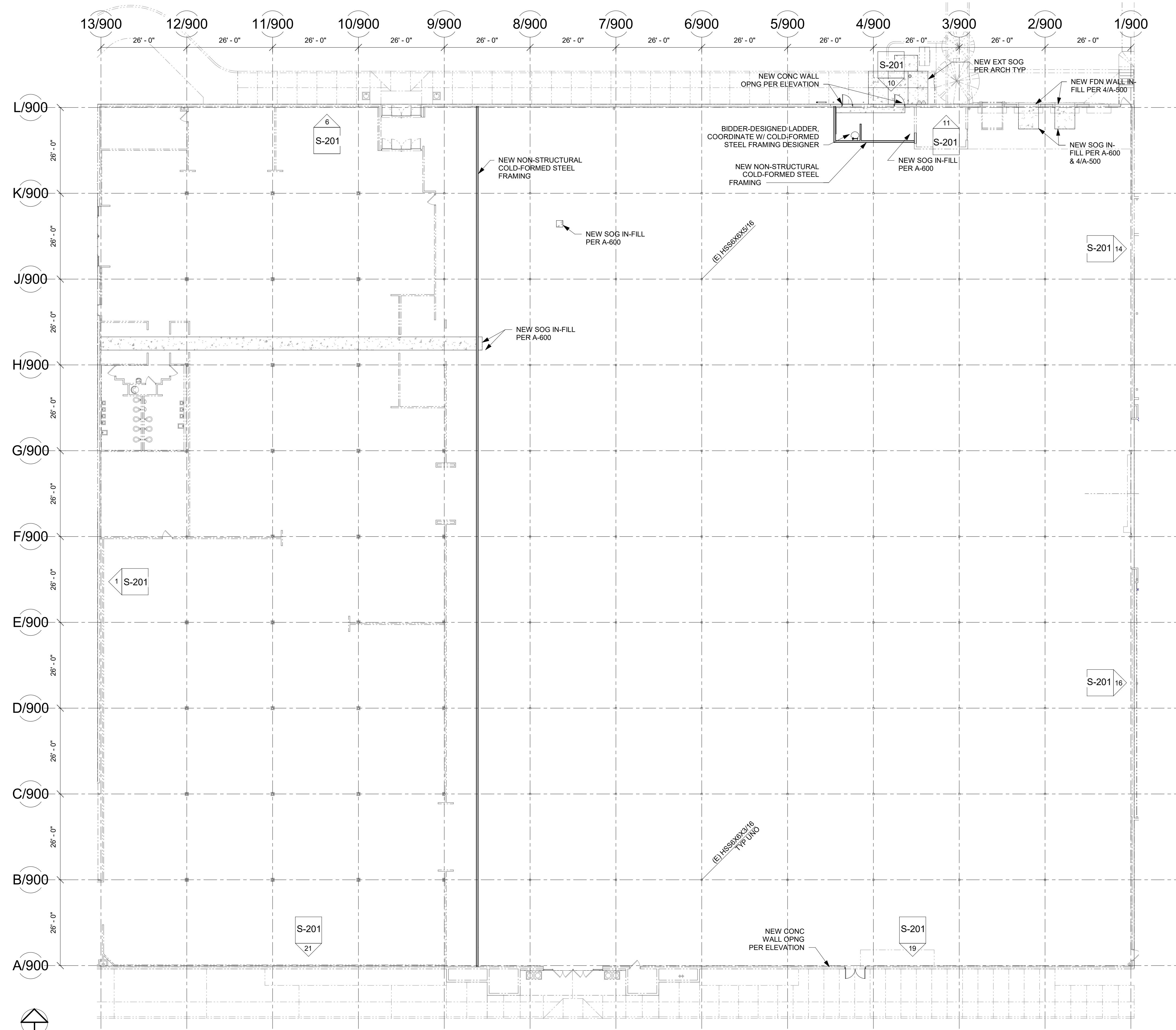
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STRUCTURAL FLOOR PLAN

Project Information:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3500 S MERIDIAN ST
PUYALLUP, WA 98373

Project No.: 62-900
Date: 01/08/2021
Drawn By: HKW
Checked By: BJB

S-100

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1 STRUCTURAL FLOOR PLAN
1/16" = 1'-0"

Issue No.	Date	Description
1	01-08-2021	Issue for Review
2	01-08-2021	Issue for Review
3	01-08-2021	Issue for Review
4	01-08-2021	Issue for Review
5	01-08-2021	Issue for Review
6	01-08-2021	Issue for Review
7	01-08-2021	Issue for Review
8	01-08-2021	Issue for Review
9	01-08-2021	Issue for Review
10	01-08-2021	Issue for Review

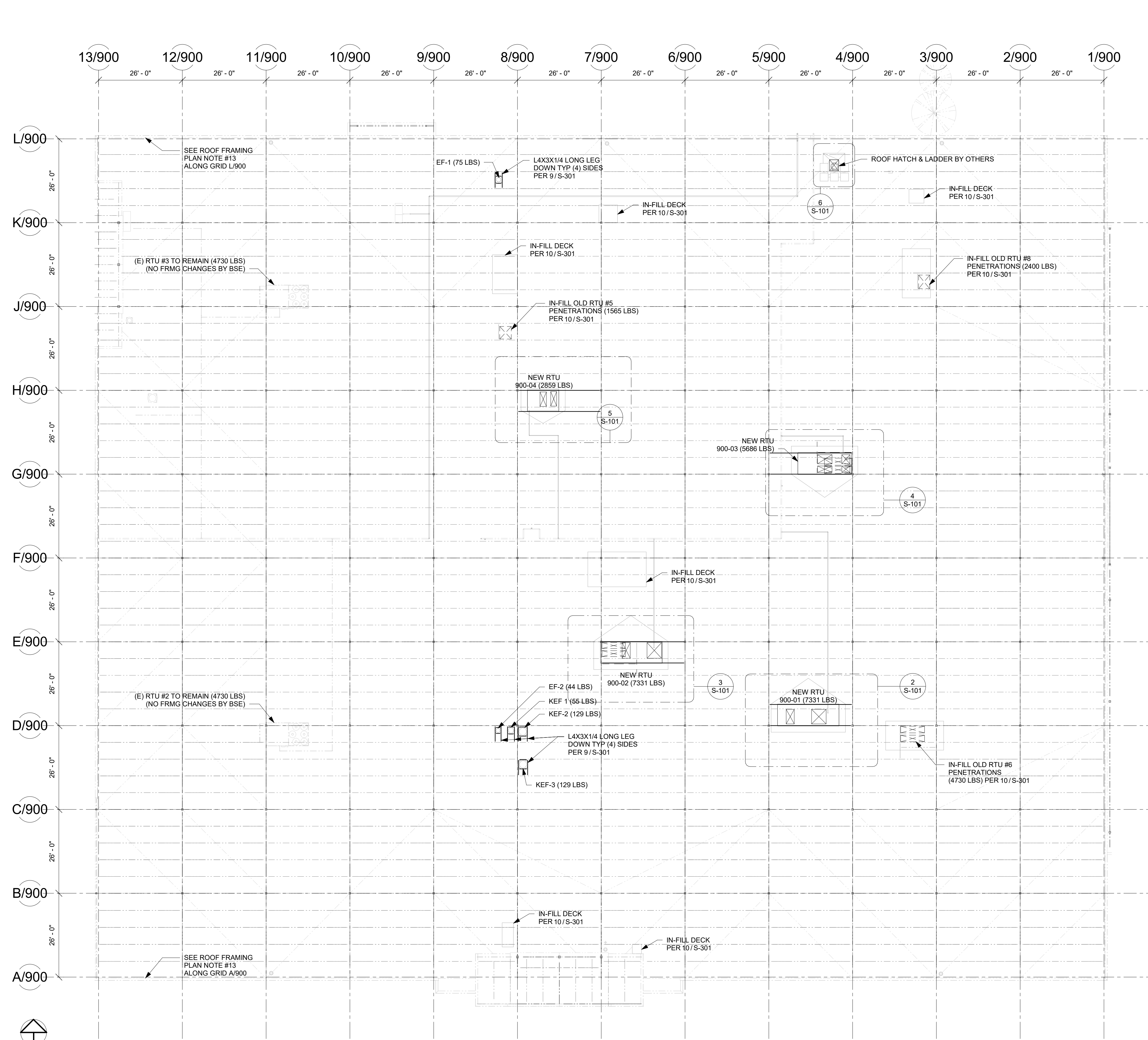
STRUCTURAL ROOF PLAN

SHELL PACKAGE - ROUND ONE
UNIT 900

Project Information:
Project No.: 62-900
Date: 01/08/2021
Drawn By: HKW
Checked By: BJB

S-101

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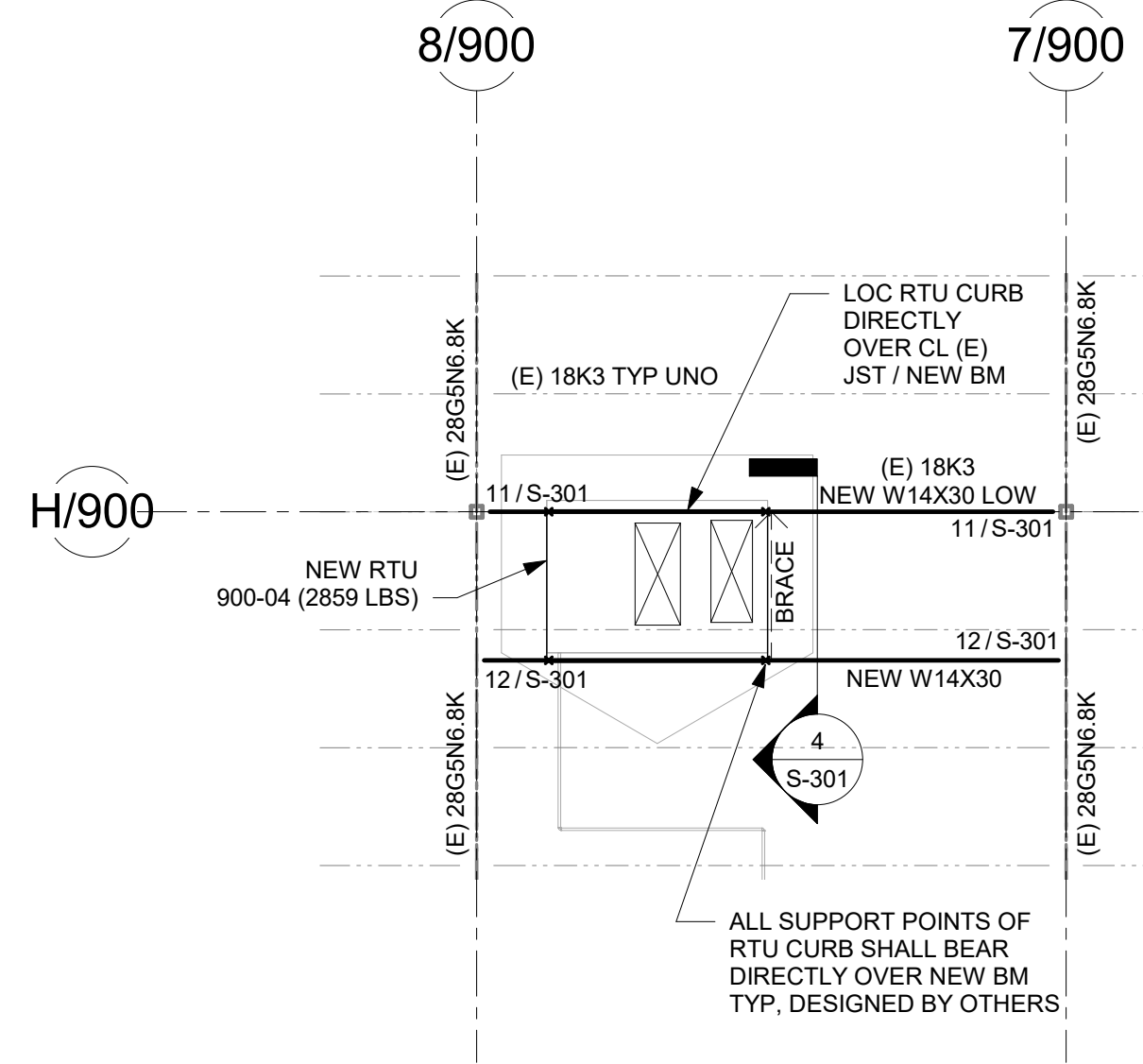
1 STRUCTURAL ROOF PLAN
1/16" = 1'-0"

ROOF FRAMING PLAN NOTES

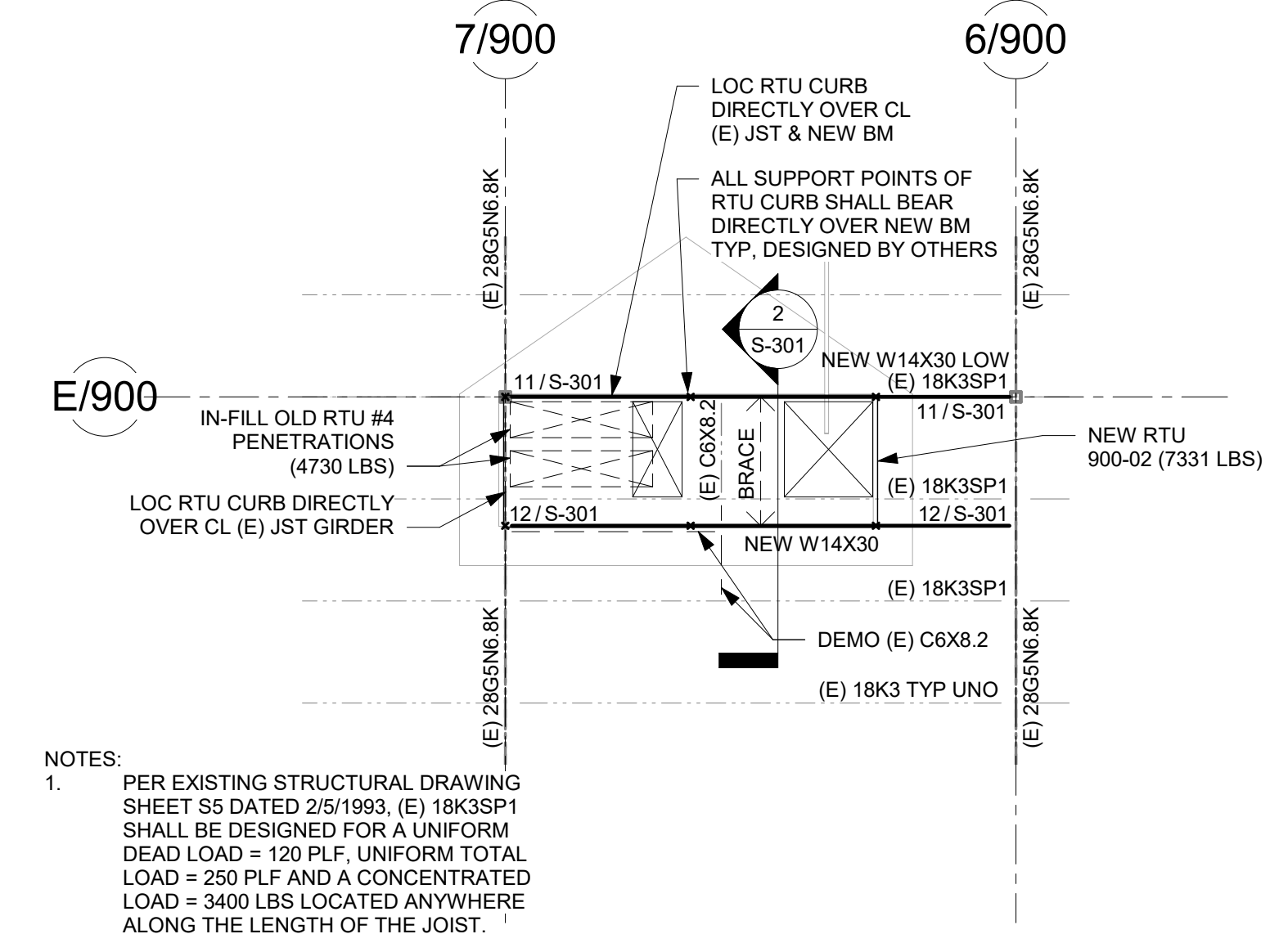
- COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
- X-X' DENOTES TOP OF ROOF DECK.
- TOP OF NEW STEEL FRAMING SHALL BE AT ELEVATION IS 1'-11 1/2" BELOW TOP OF ROOF DECK ELEVATION UNLESS NOTED OTHERWISE.
- NEW ROOF DECK IN-FILL SHALL BE 20 GAGE HSB-36 UNLESS NOTED OTHERWISE.
- PROVIDE BENT PLATE AT ALL PERIMETER SLAB EDGES PER THE TYPICAL METAL ROOF DECK DETAILS.
- REFERENCE DRAWINGS:
S-201 FOR BUILDING ELEVATIONS
S-301 FOR FRAMING SECTIONS AND DETAILS
- COORDINATE ALL MECHANICAL PENETRATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. REINFORCE OPENINGS PER TYPICAL CONCRETE DETAILS.
- EXISTING ROOFTOP UNIT (RTU) WEIGHT PER EXISTING MECHANICAL DRAWING SHEET M-6 "MECHANICAL SCHEDULE SHEET" DATED 6/2/1993.
- EXISTING ROOF FRAMING PER EXISTING STRUCTURAL DRAWINGS DATED 2/5/1993. EXISTING ROOF DECK SHALL BE 22GA VERO HD HSB-36 PER EXISTING STRUCTURAL DRAWINGS. TOP OF EXISTING JOIST GIRDER SHALL BE 2'-1 1/2" BELOW BOTTOM OF ROOF DECK ELEVATION UNLESS NOTED OTHERWISE.
- RTU ERECTION PLAN BY OTHERS. BSE HAS NOT REVIEWED THE RTU AS A MOVING LOAD ON THE EXISTING ROOF.
- PROVIDE 7 PUDDLE WELDS PER SHEET OF ROOF DECK AT ALL MEMBERS PERPENDICULAR TO DECK SPANS, INCLUDING NEW MEMBERS UNDER (E) ROOF DECK AND NEW ROOF DECK INFILLS OVER EXISTING MEMBERS.
- CONTRACTOR SHALL PROVIDE FALL PROTECTION NEAR ALL EXPOSED ROOF OPENINGS. (NOT DESIGNED BY BSE.)

- EXISTING ANCHOR BOLT TESTING: ALONG THE LINES NOTED ON PLAN, TEST 5% OF THE EXISTING SEISMIC EXPANSION/WEDGE ANCHOR BOLTS ATTACHING THE (E) STEEL ANGLE SUPPORTING THE METAL ROOF DECK TO THE (E) CONCRETE TILT-UP WALLS FOR TENSION LOADS AS FOLLOWS:
 - A PROOF LOAD OF 3000 POUNDS SHALL BE APPLIED AWAY FROM THE WALL FOR A MINIMUM OF 5 MINUTES. THE LOAD SHALL BE APPLIED PERPENDICULAR TO THE WALL AND PARALLEL TO THE ROOF. THE ANCHORS TO BE TESTED SHALL BE RANDOMLY SPACED ALONG THE BUILDING LINE. IF MORE THAN ONE ANCHOR IS PULLED OUT OF THE WALL, THEN INSTALL 5/8" DIA. HILTI KWIK-BOLT-TZ EXPANSION ANCHORS AT 30" ON-CENTER MAXIMUM (EMBED 4" MIN) ALONG THE ENTIRE LINE OF THE BUILDING. LOCATE ANCHORS 3-INCHES MINIMUM AWAY FROM ANY (E) ANCHORS. ANCHOR BOLT INSTALLATION NOT REQUIRED AT LOCATIONS WITH (E) EMBED PLATES (i.e. AT FRMG LOCNs).
 - CONTRACTOR SHALL COORDINATE WITH TESTING LAB FOR SPECIAL REQUIREMENTS AND TIMING RELATIVE TO TEST PROCEDURES FOR "SEISMIC ANCHOR" PROOF LOAD TEST.

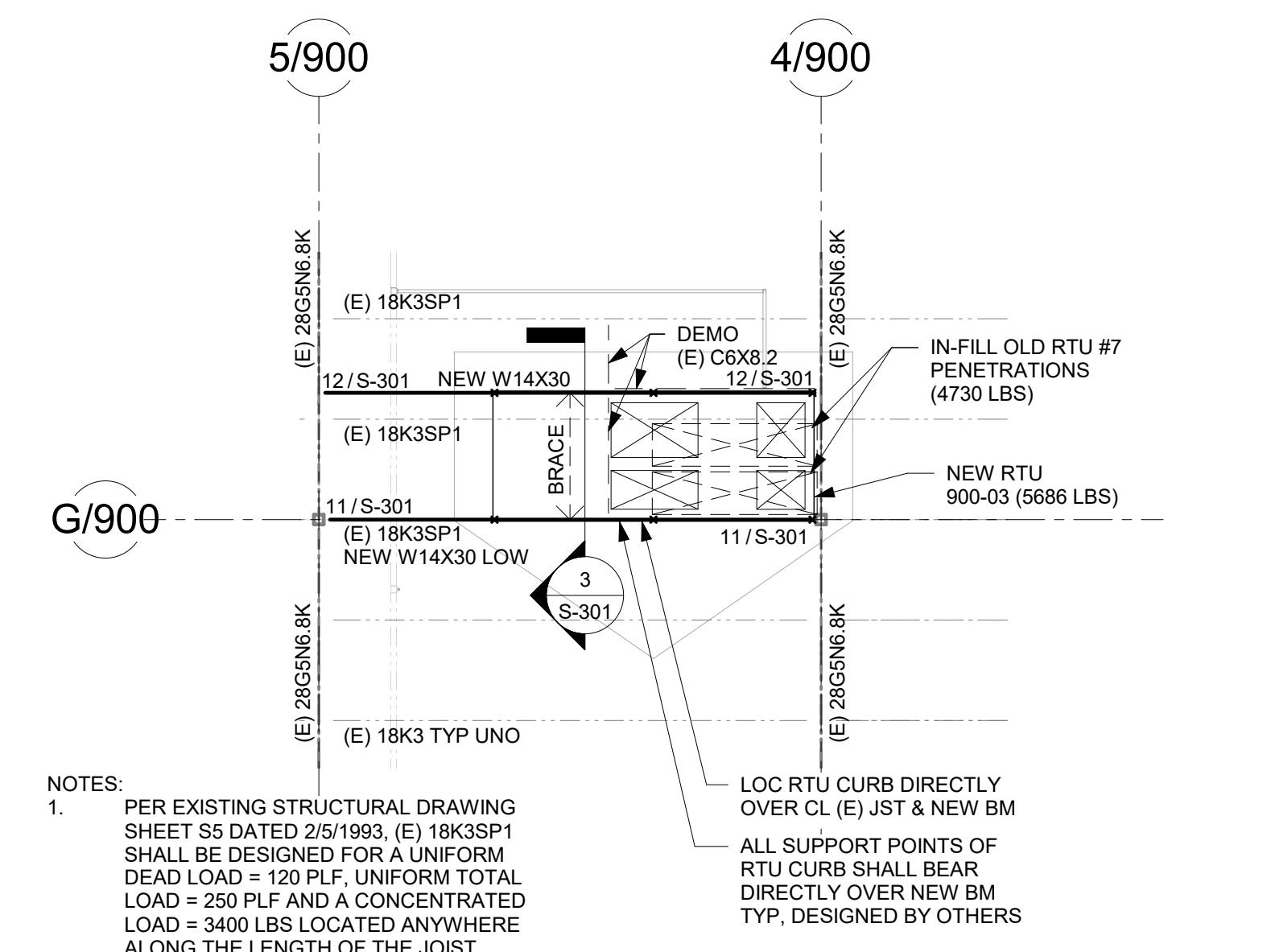
5 PARTIAL PLAN - NEW RTU 900-04
1/8" = 1'-0"



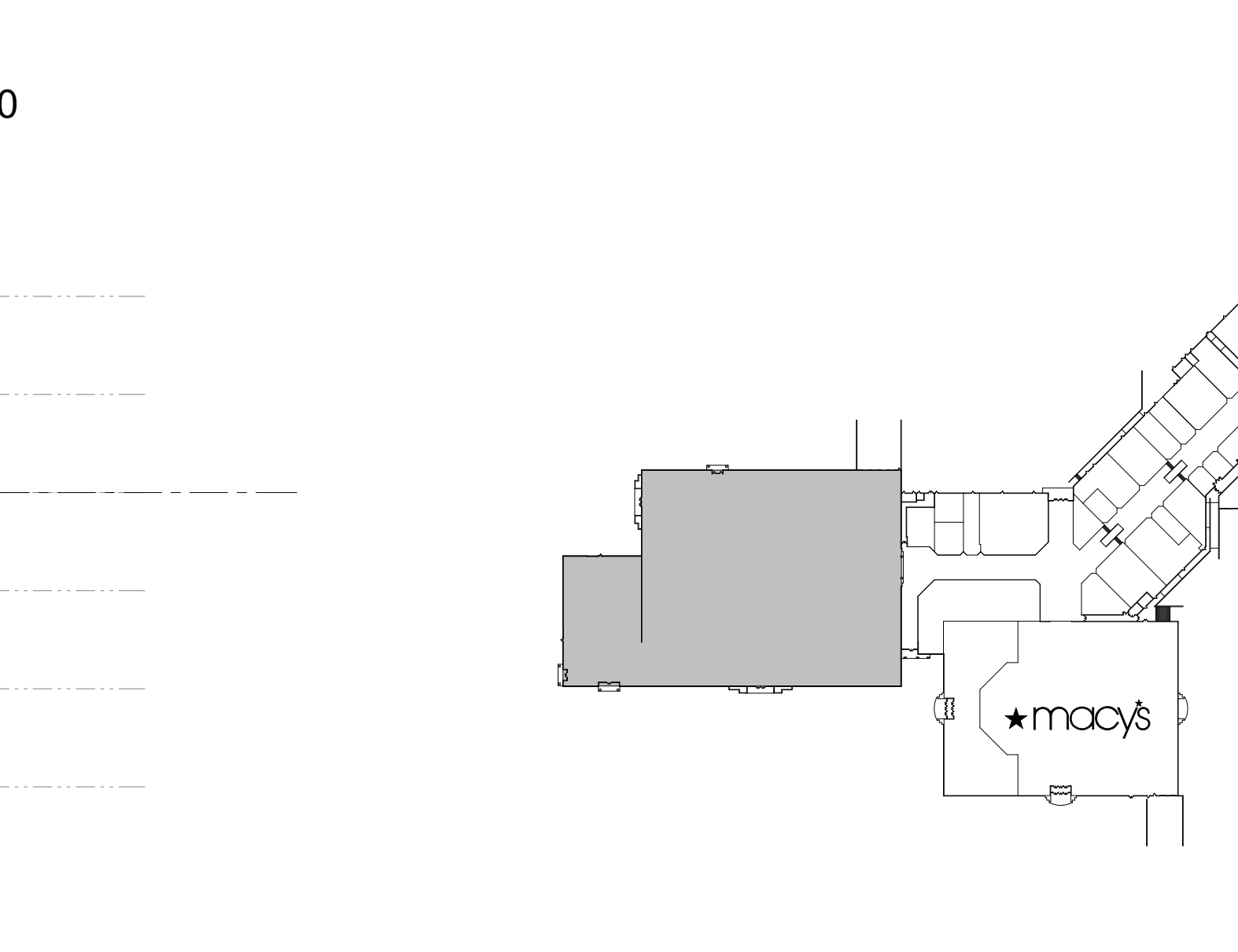
2 PARTIAL PLAN - NEW RTU 900-01
1/8" = 1'-0"



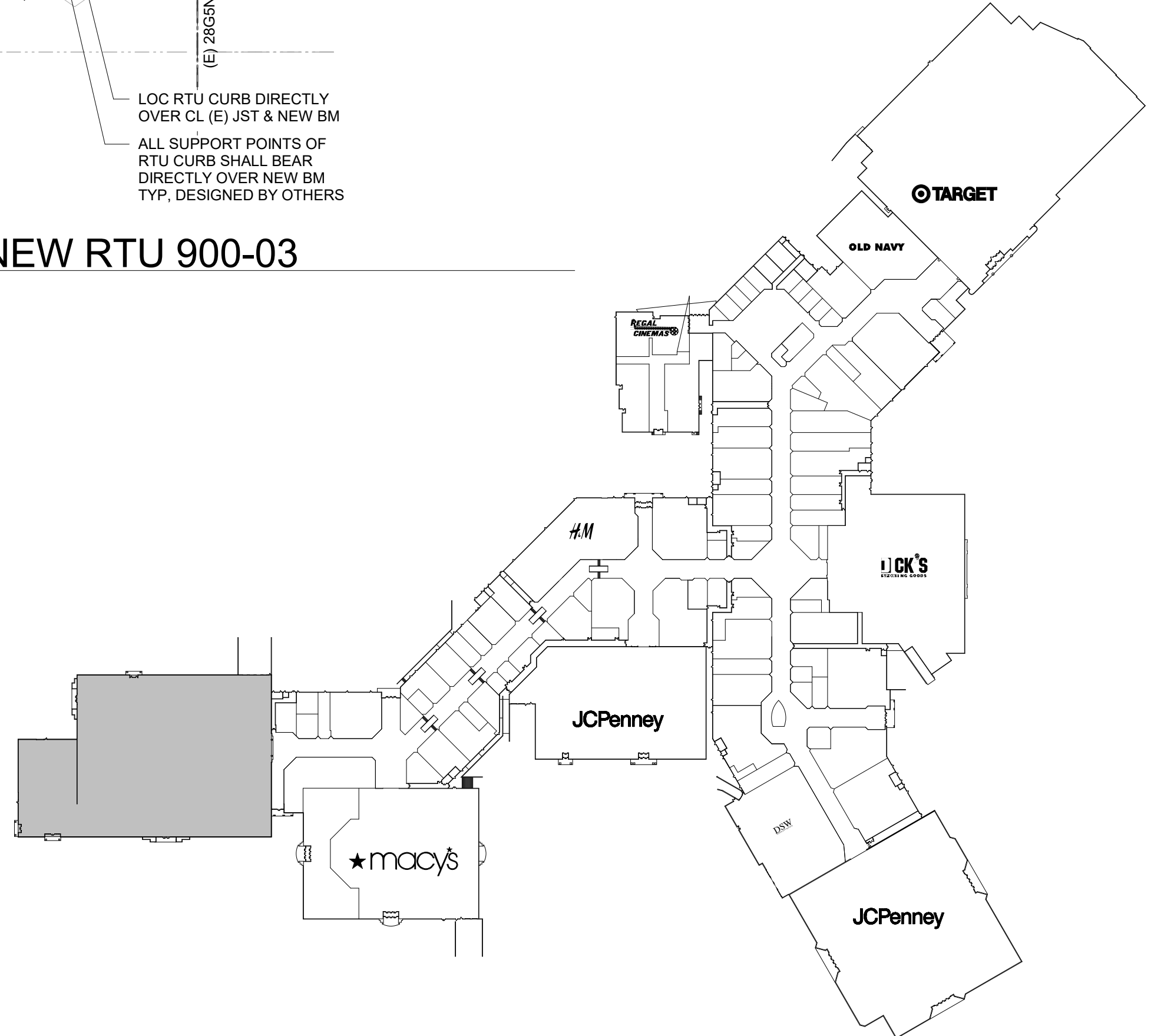
3 PARTIAL PLAN - NEW RTU 900-02
1/8" = 1'-0"



4 PARTIAL PLAN - NEW RTU 900-03
1/8" = 1'-0"



6 PARTIAL PLAN - HATCH
1/8" = 1'-0"



KEY PLAN
SCALE: N/A

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Revision	Description	Date	By	Check
01-08-2021	Issue	01-08-2021	BJB	JKW

TILT PANEL ELEVATIONS

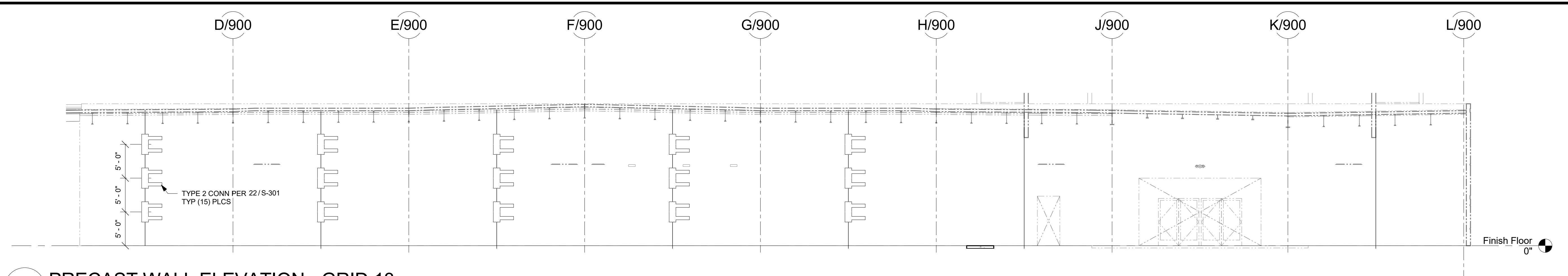
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PROJECT INFORMATION:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3500 S MERIDIAN ST
PUYALLUP, WA 98073

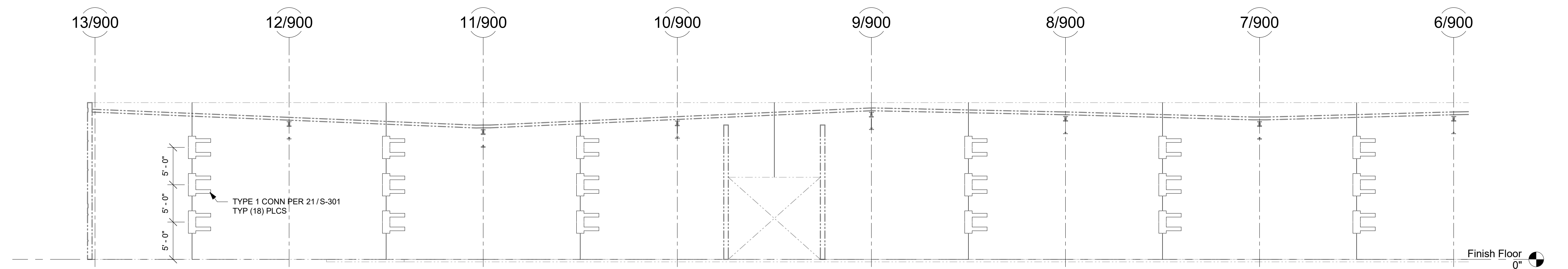
Project No.: 62-900
Date: 01/08/2021
Drawn By: HKW, RRS
Checked By: BJB

S-201

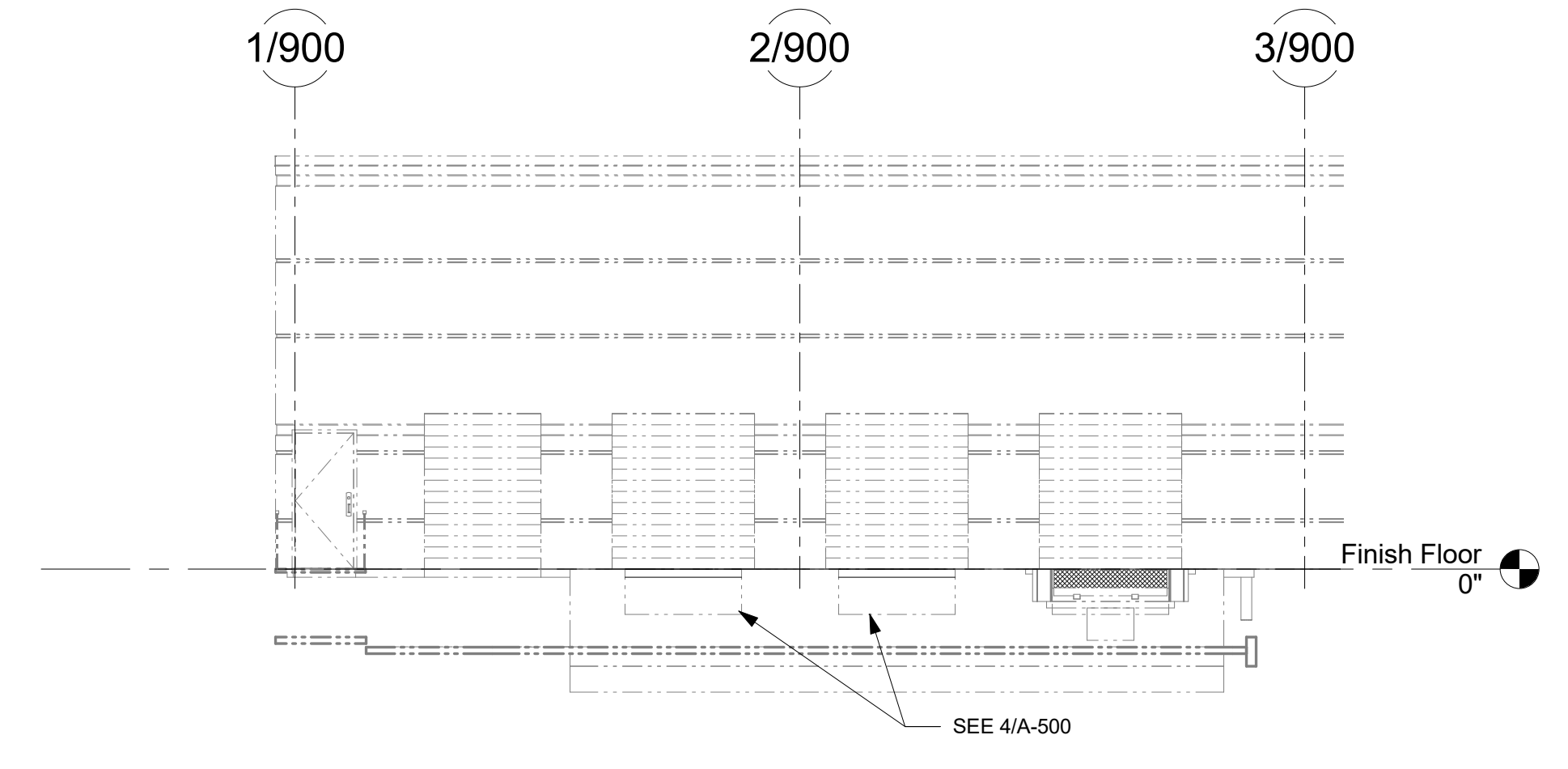
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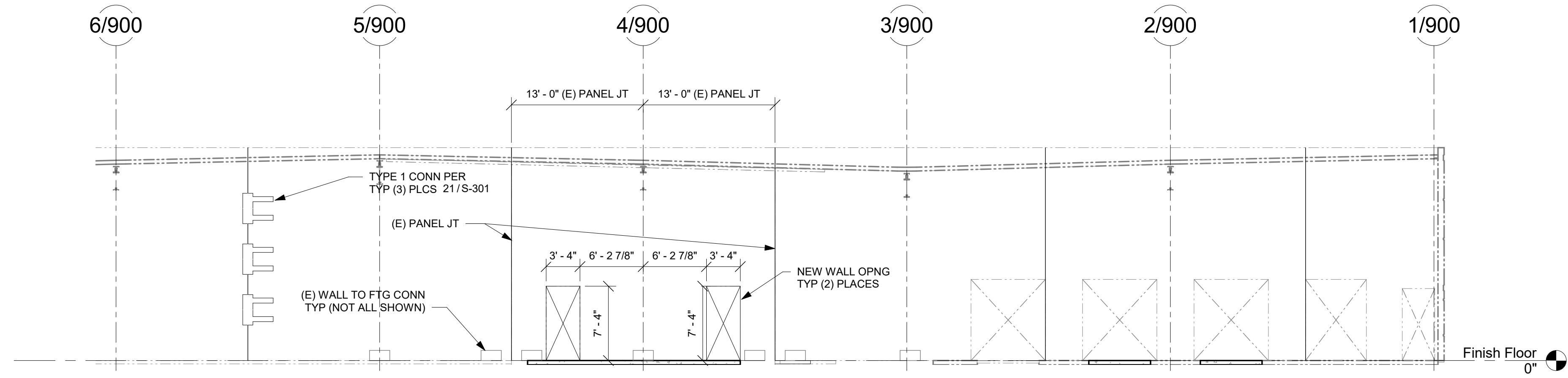
1 PRECAST WALL ELEVATION - GRID 13
1/8" = 1'-0"



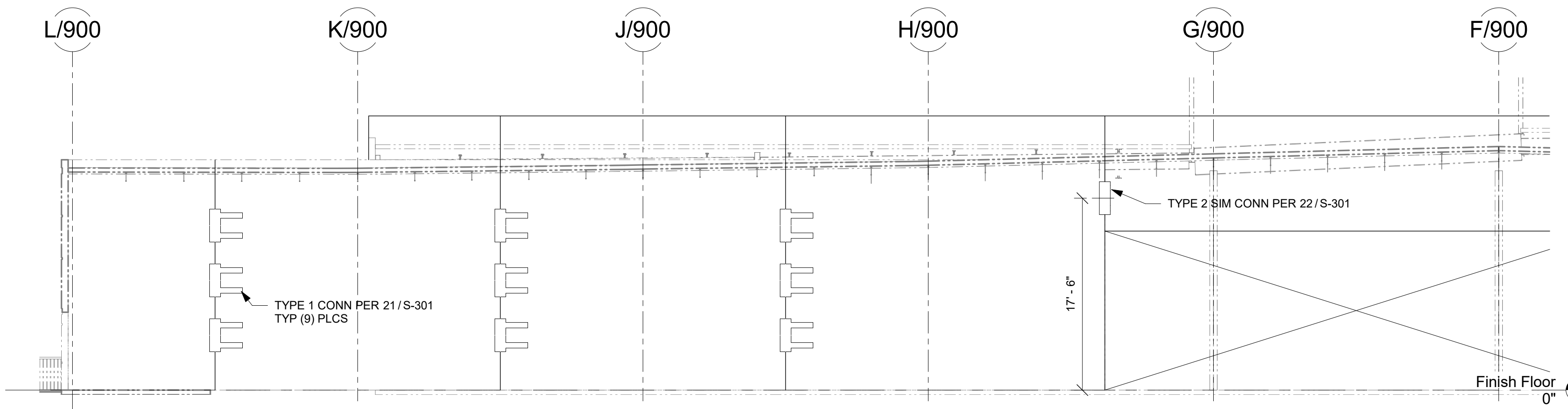
6 PRECAST WALL ELEVATION - GRID L
1/8" = 1'-0"



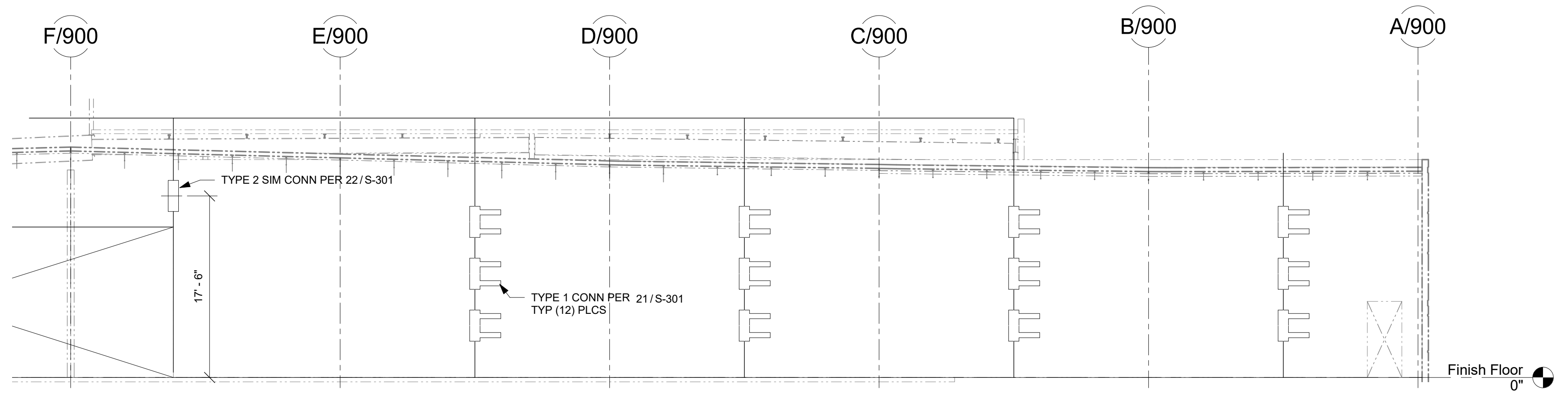
10 EXTERIOR ELEVATION - GRID L
1/8" = 1'-0"



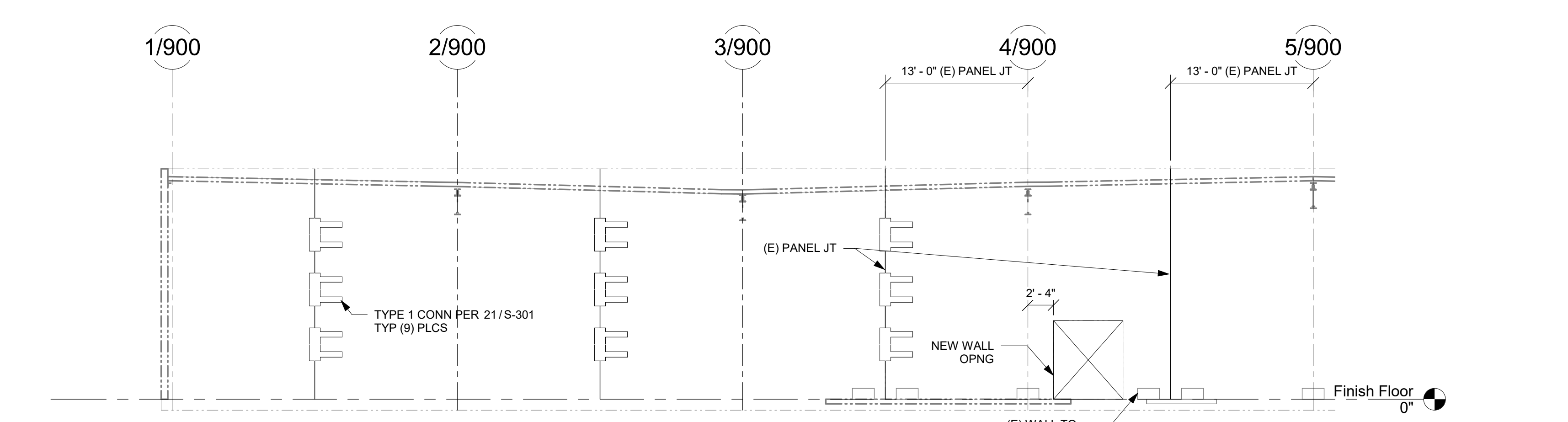
11 PRECAST WALL ELEVATION - GRID L
1/8" = 1'-0"



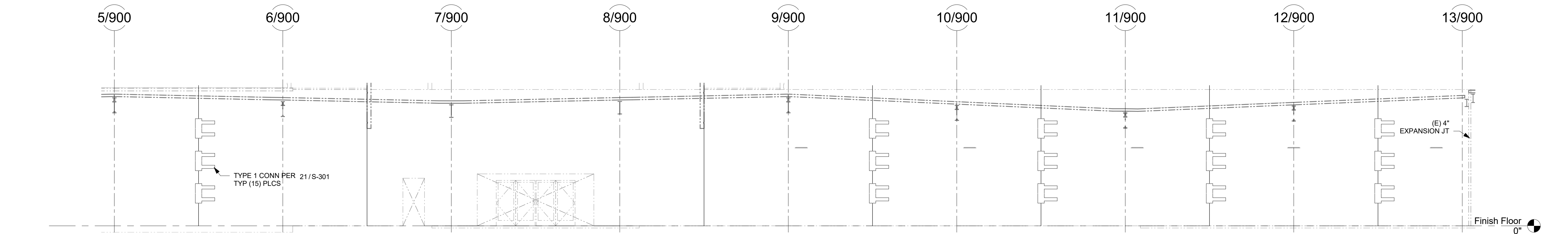
14 PRECAST WALL ELEVATION - GRID 1
1/8" = 1'-0"



16 PRECAST WALL ELEVATION - GRID 1
1/8" = 1'-0"



19 PRECAST WALL ELEVATION - GRID A
1/8" = 1'-0"



21 PRECAST WALL ELEVATION - GRID A
1/8" = 1'-0"

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Rev	Date	Description
01-08-2021		
Issued		
Revised		
By		
Check		

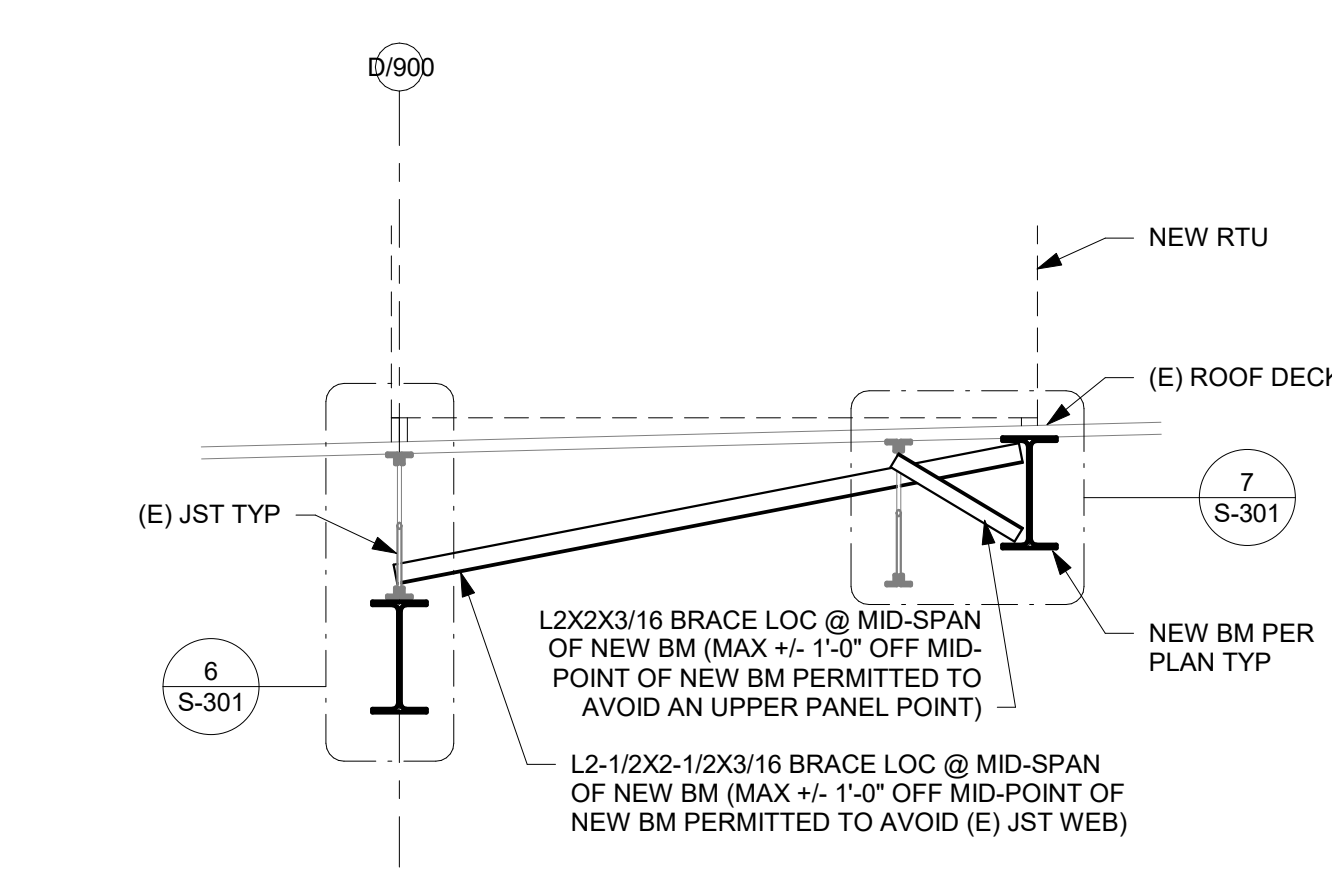
FRAMING SECTIONS AND DETAILS

Project Information:
Project No.: 62-900
Date: 01/08/2021
Drawn By: HKW, RRS
Checked By: BJB

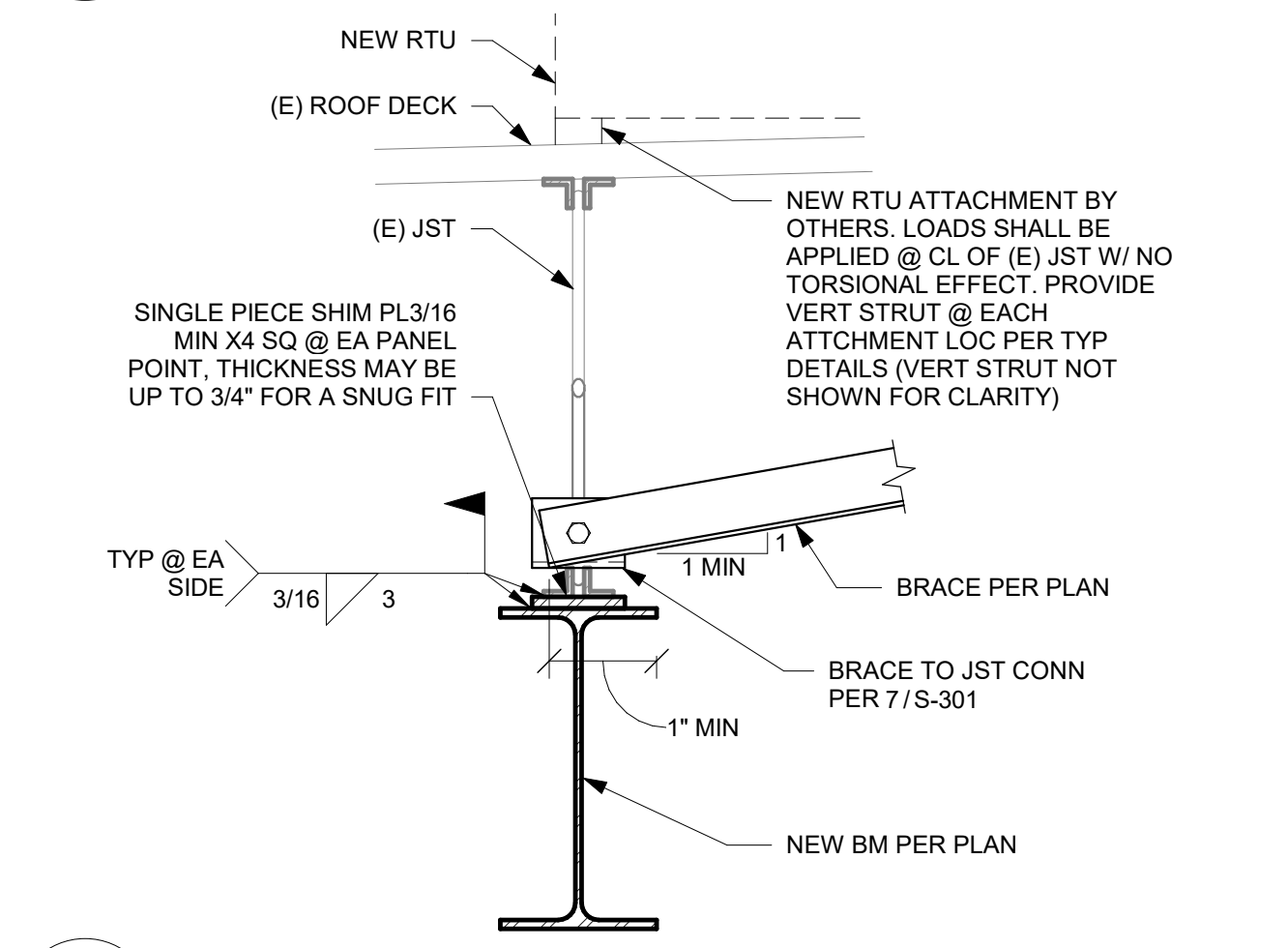
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3800 S MERIDIAN ST
PUJALLUP, WA 98073

S-301

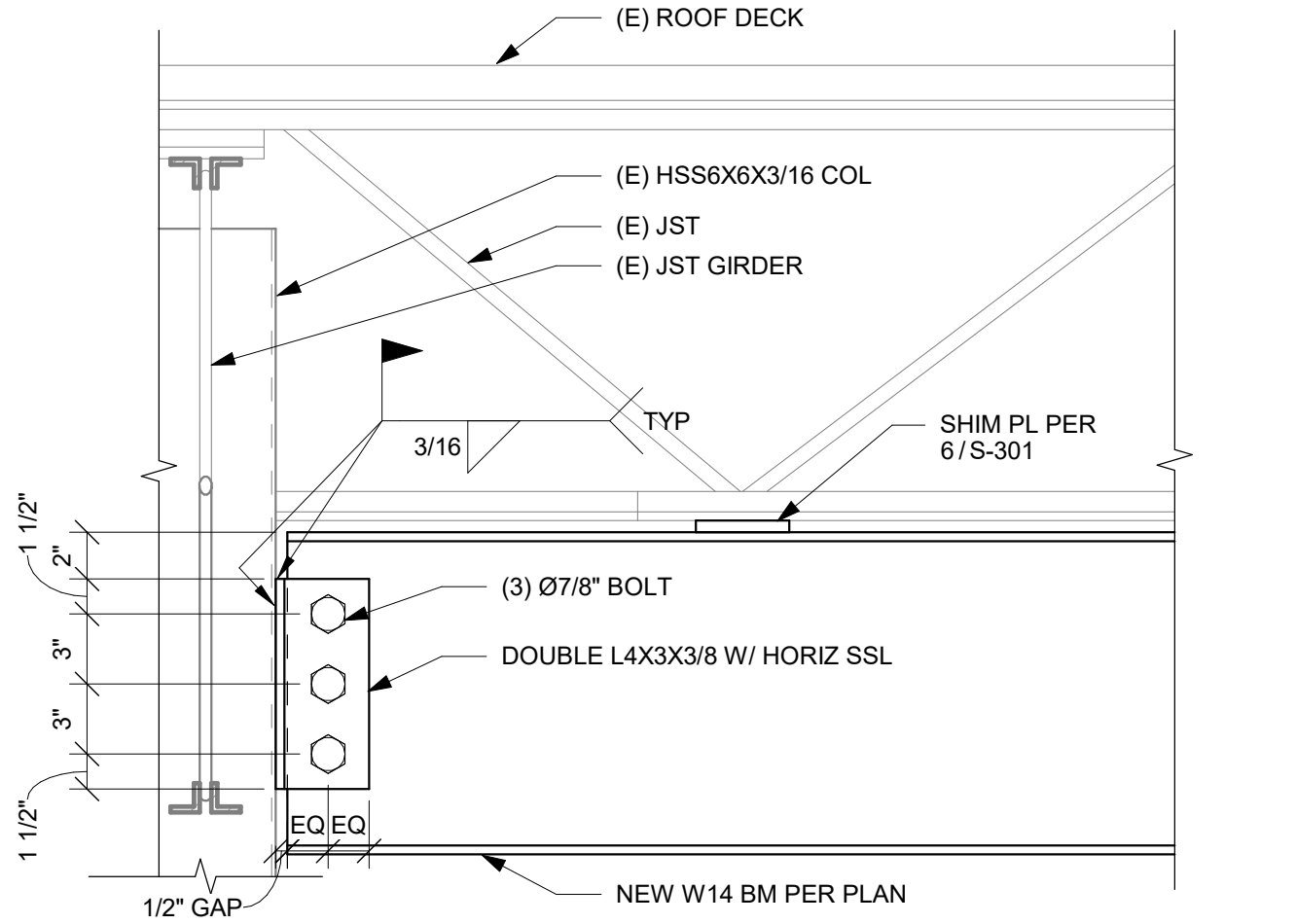
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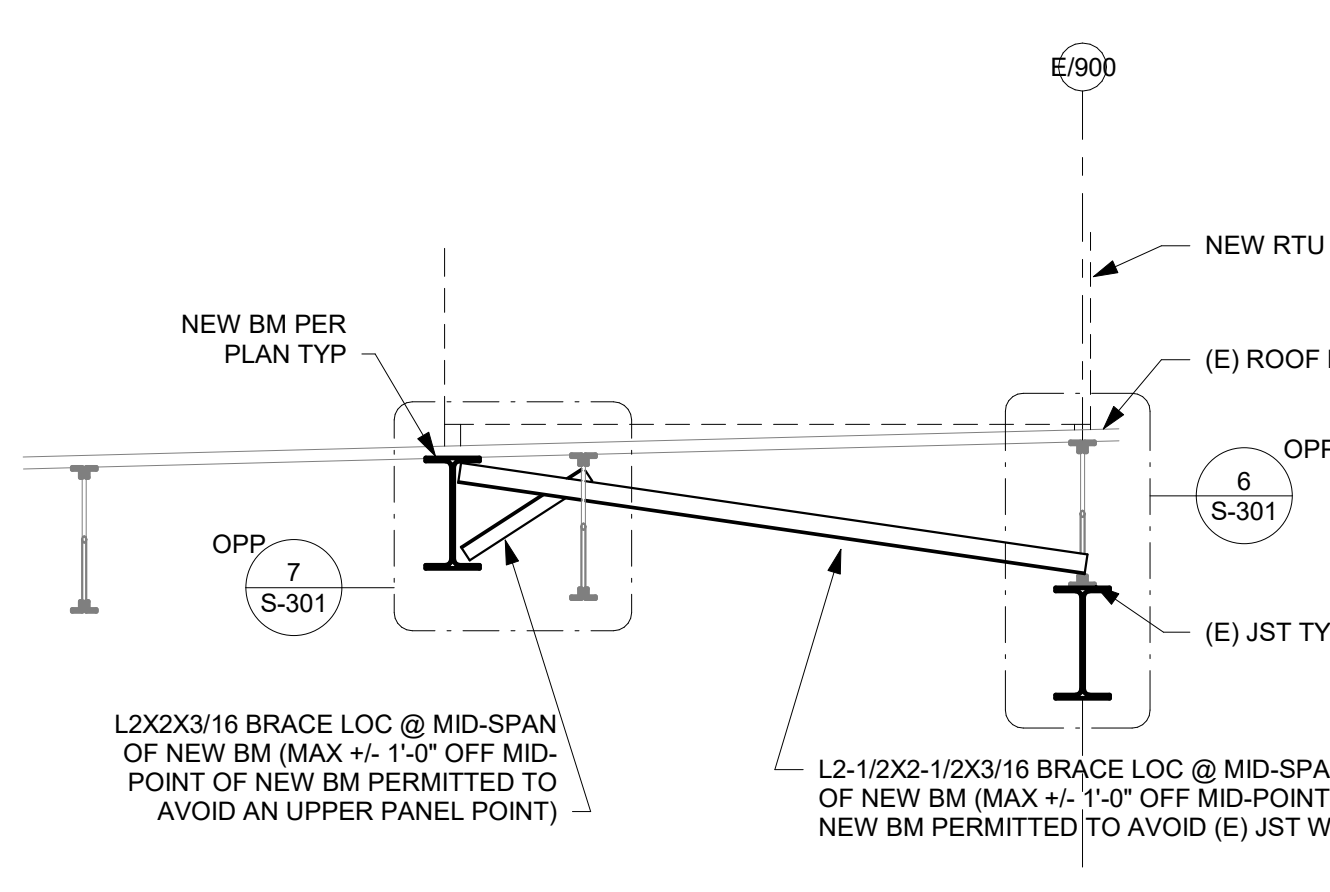
1 SECTION @ NEW RTU 900-01
1/2" = 1'-0"



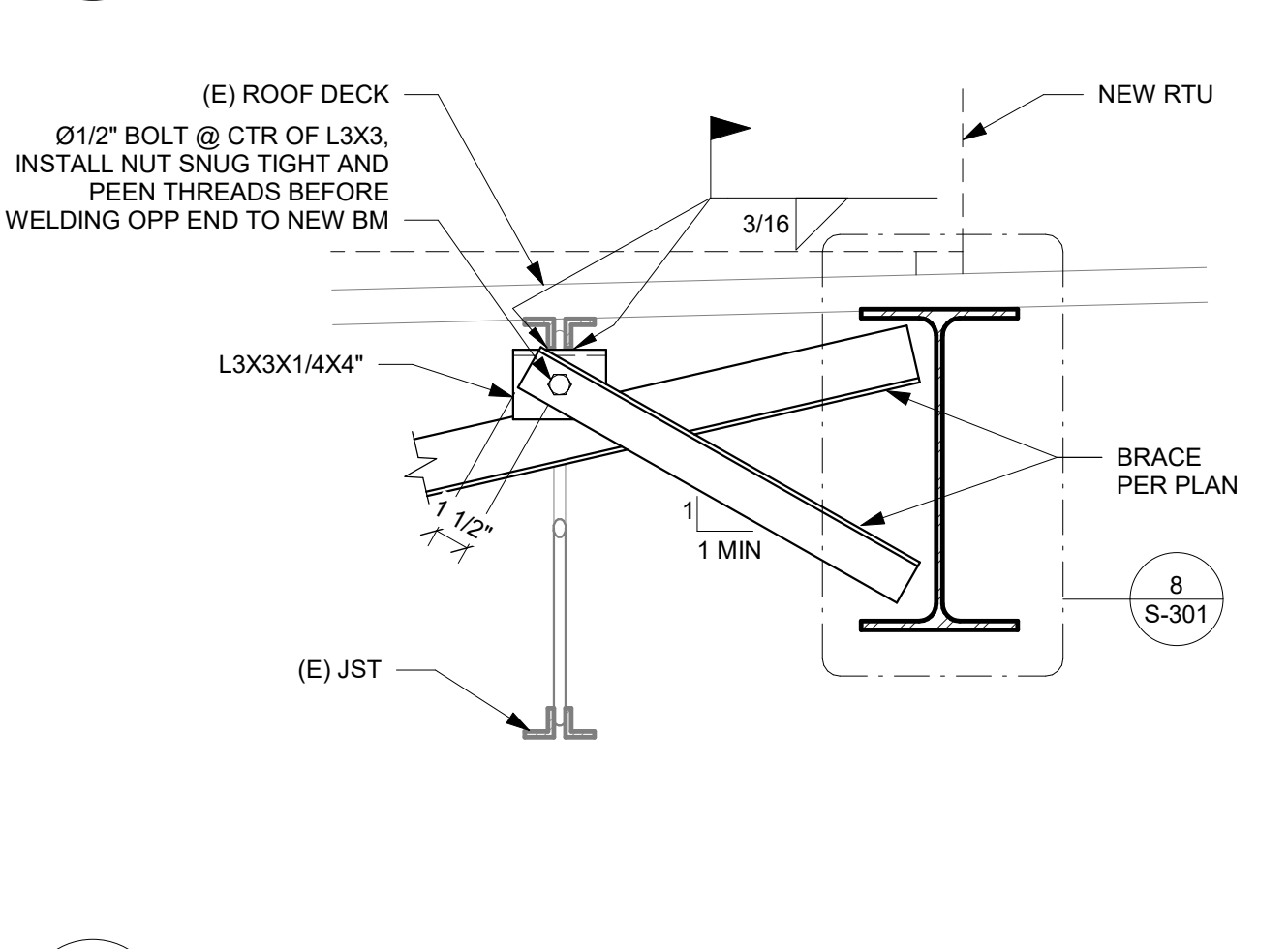
6 NEW BEAM UNDER EXISTING JOIST
1 1/2" = 1'-0"



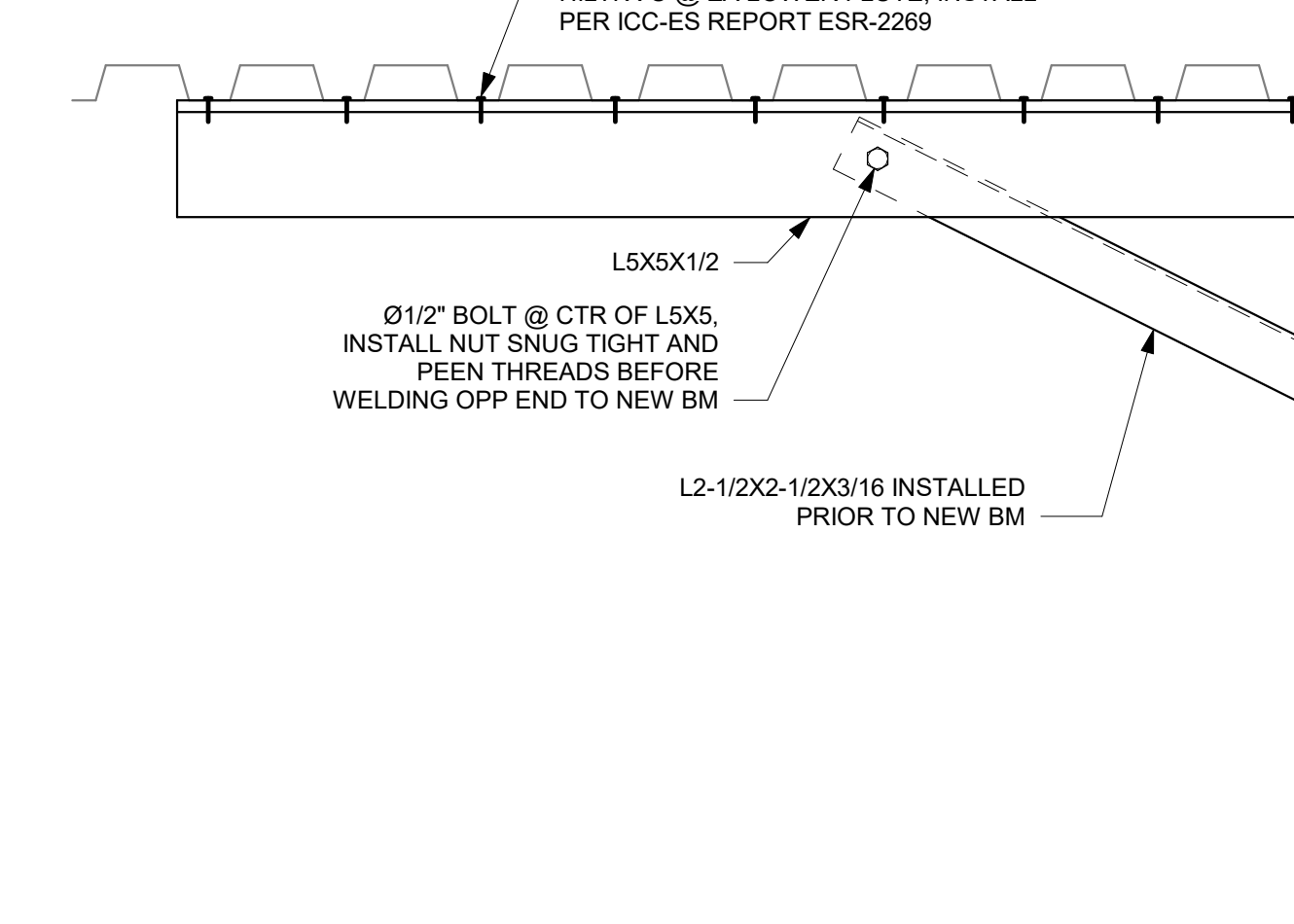
11 NEW BEAM @ EXISTING COL
1 1/2" = 1'-0"



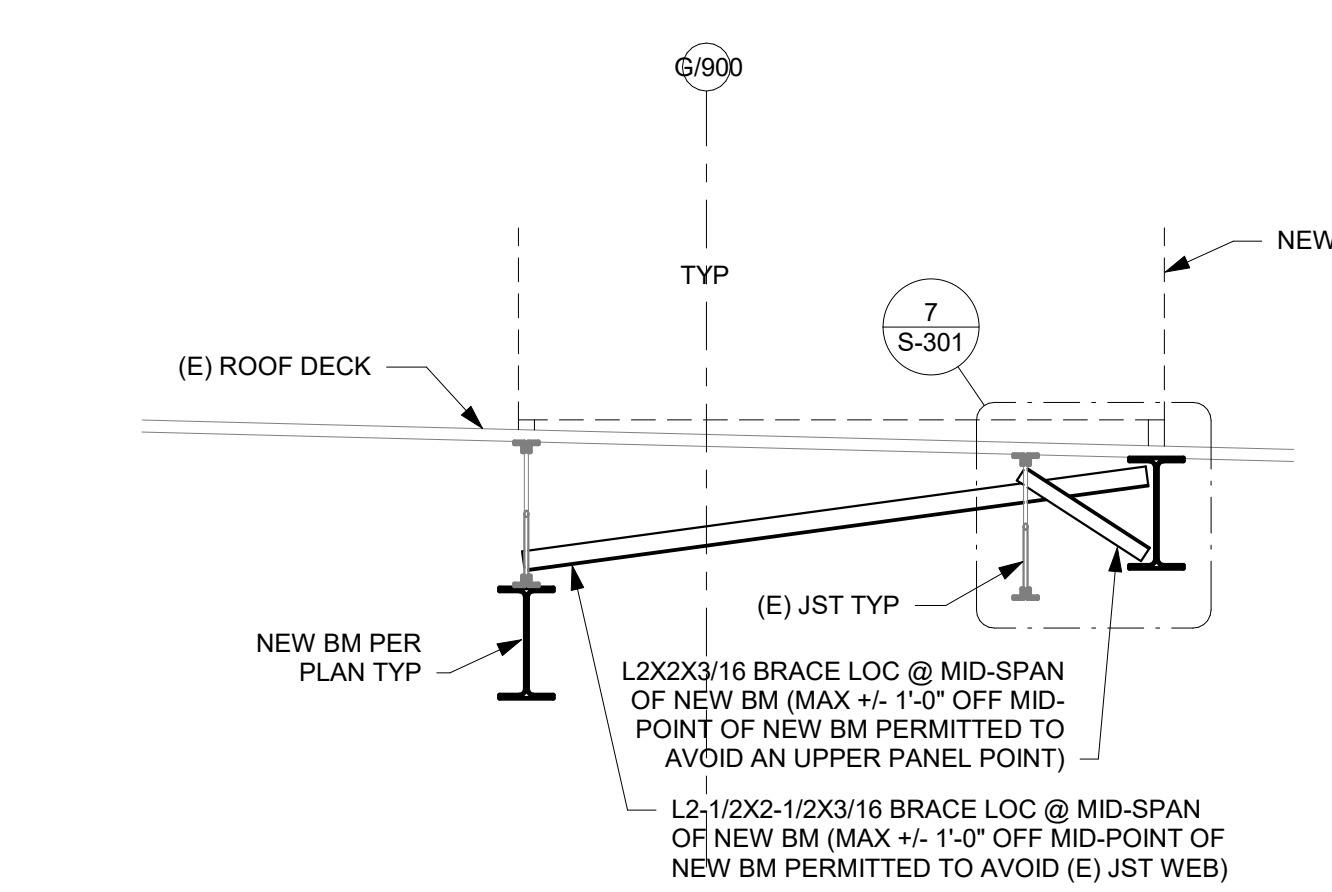
2 SECTION @ NEW RTU 900-02
1/2" = 1'-0"



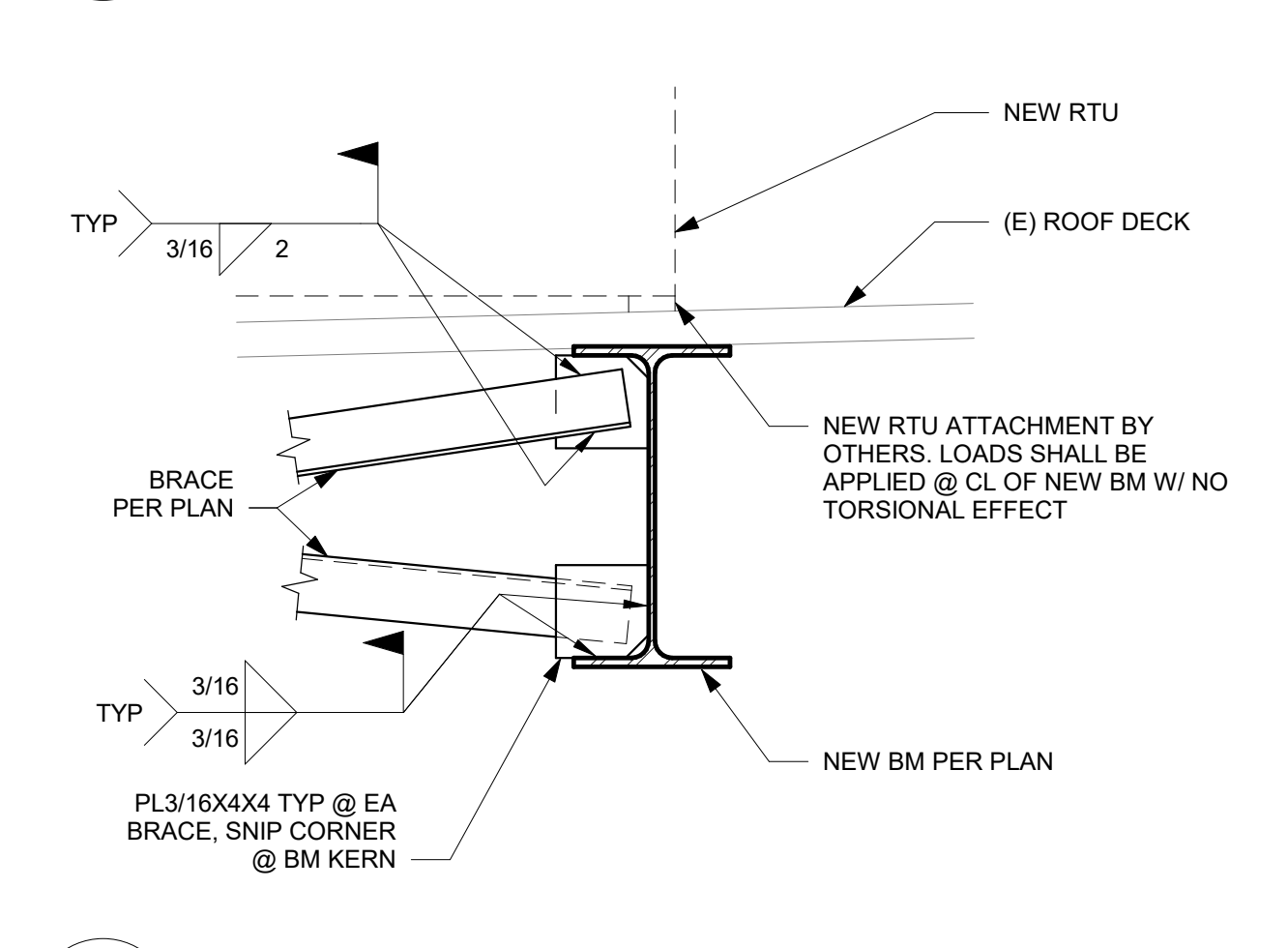
7 BEAM BRACE @ EXISTING JOIST
1 1/2" = 1'-0"



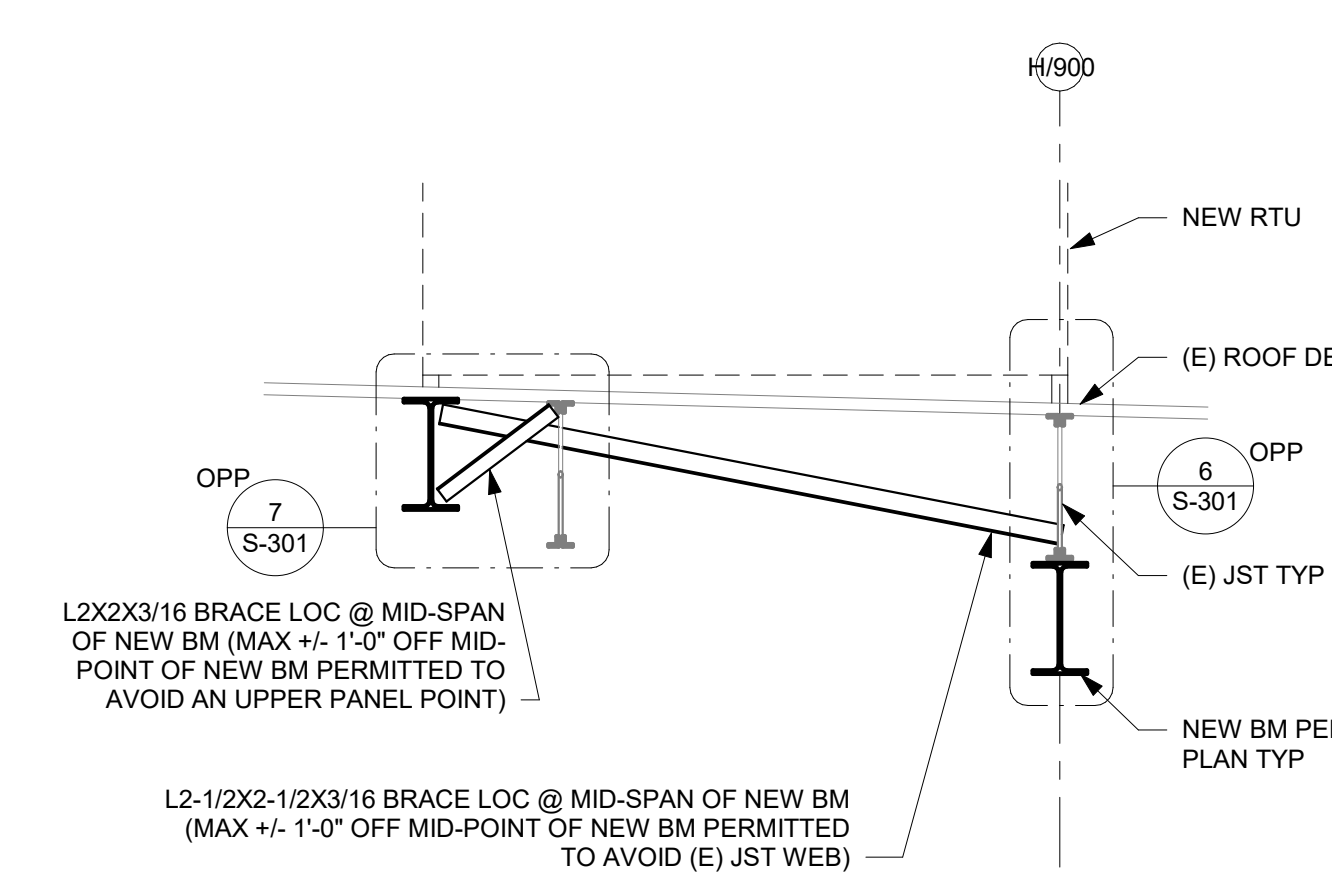
12 NEW BEAM @ EXISTING GIRDER
1 1/2" = 1'-0"



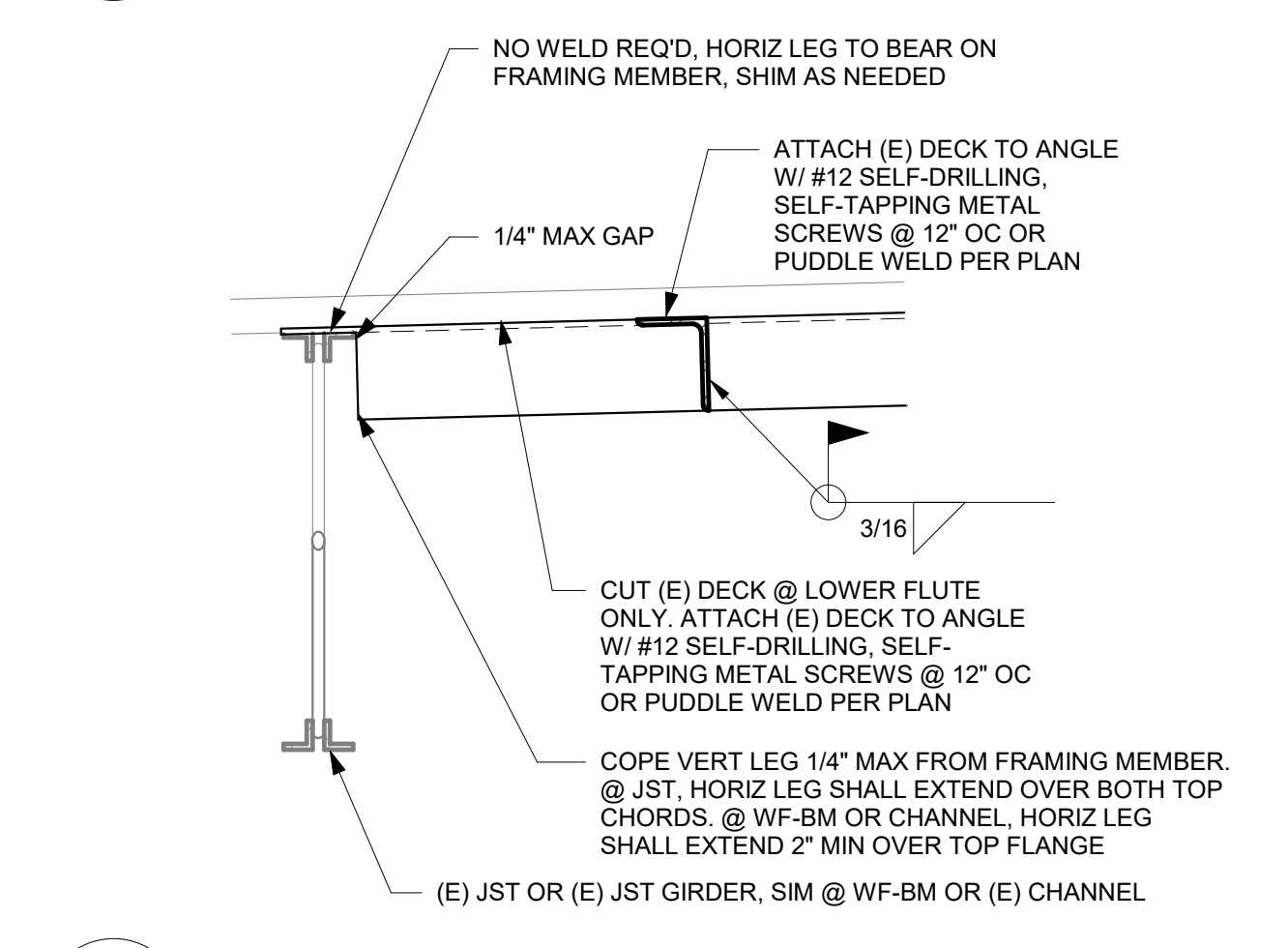
3 SECTION @ NEW RTU 900-03
1/2" = 1'-0"



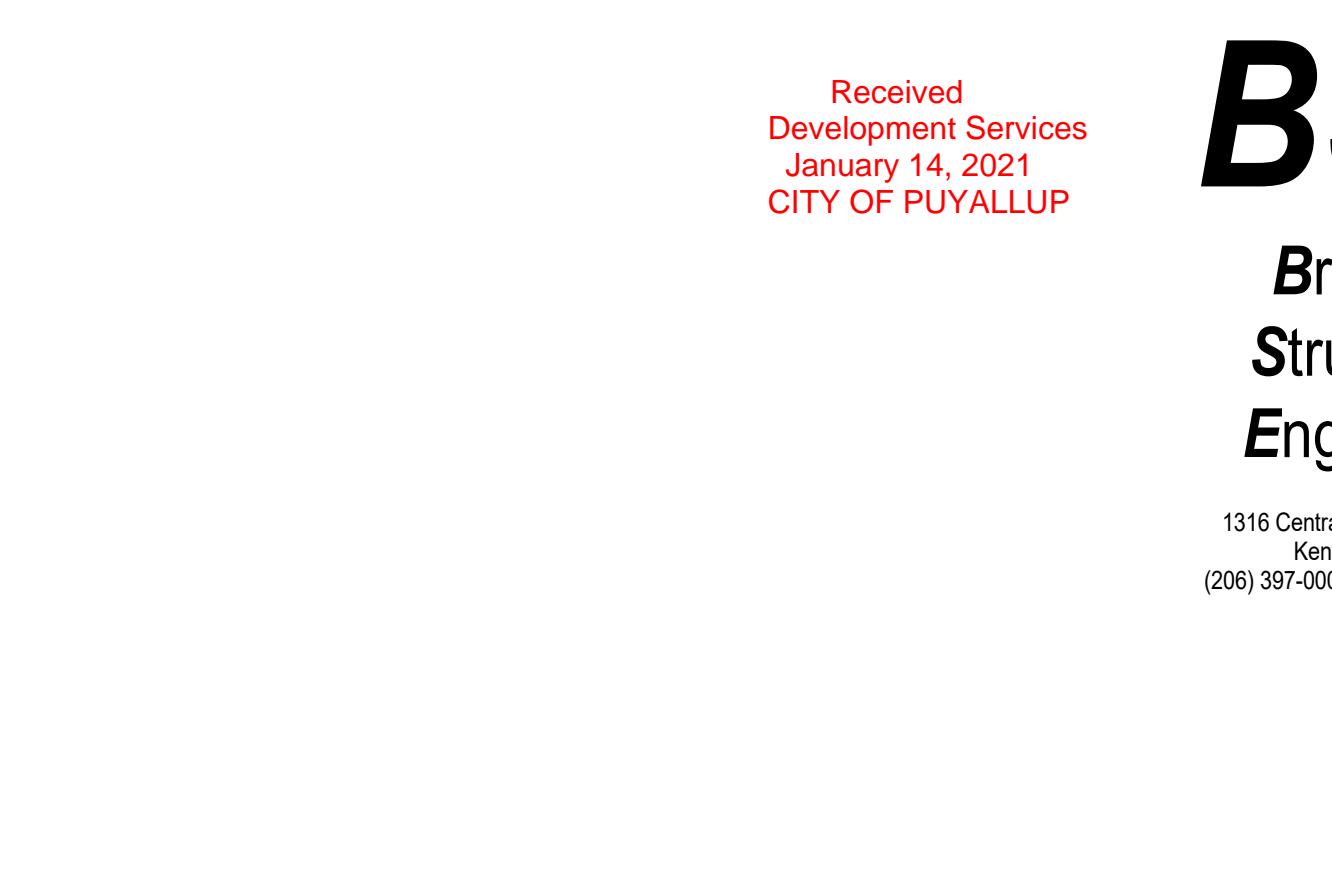
8 BEAM BRACES @ NEW BEAM
1 1/2" = 1'-0"



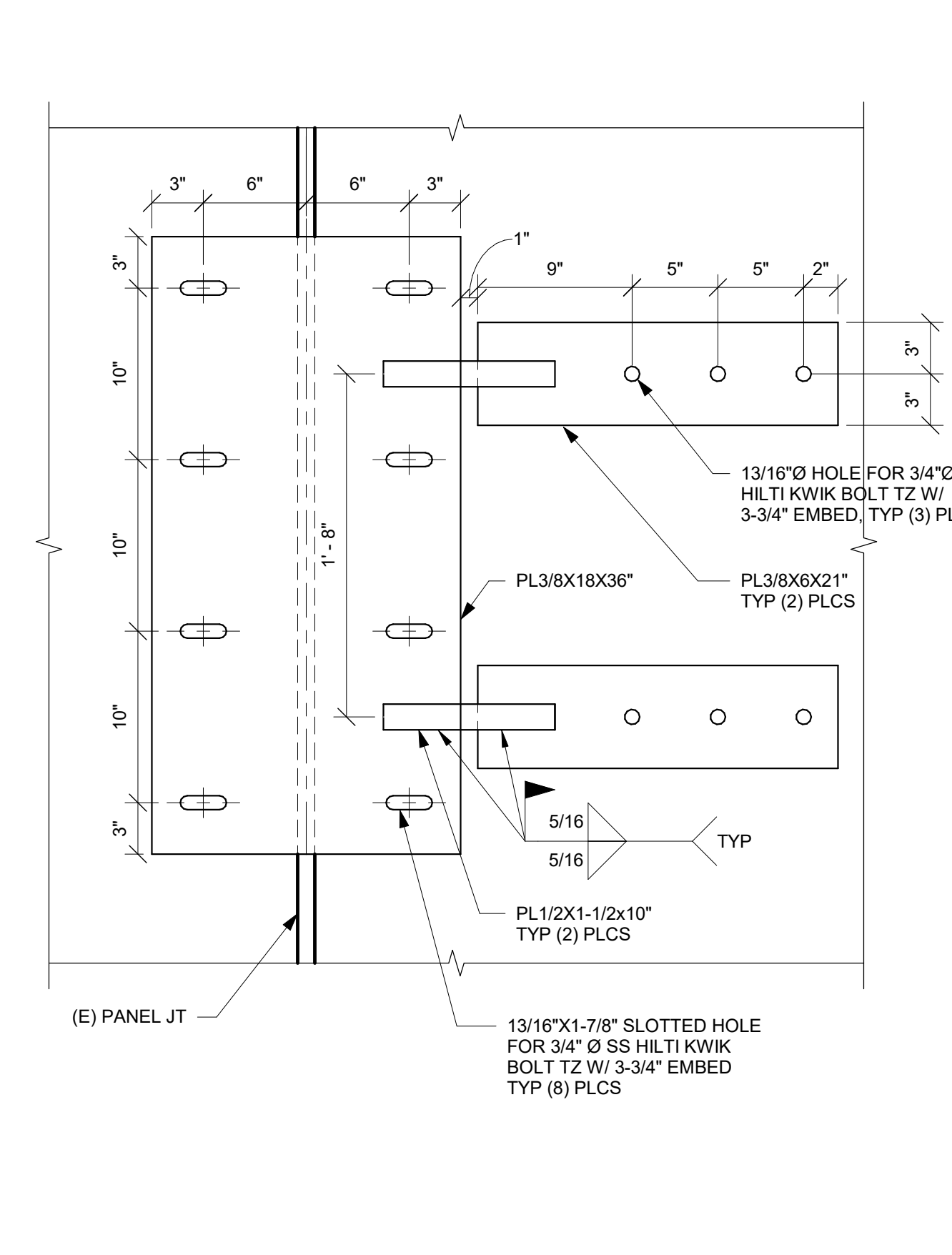
4 SECTION @ NEW RTU 900-04
1/2" = 1'-0"



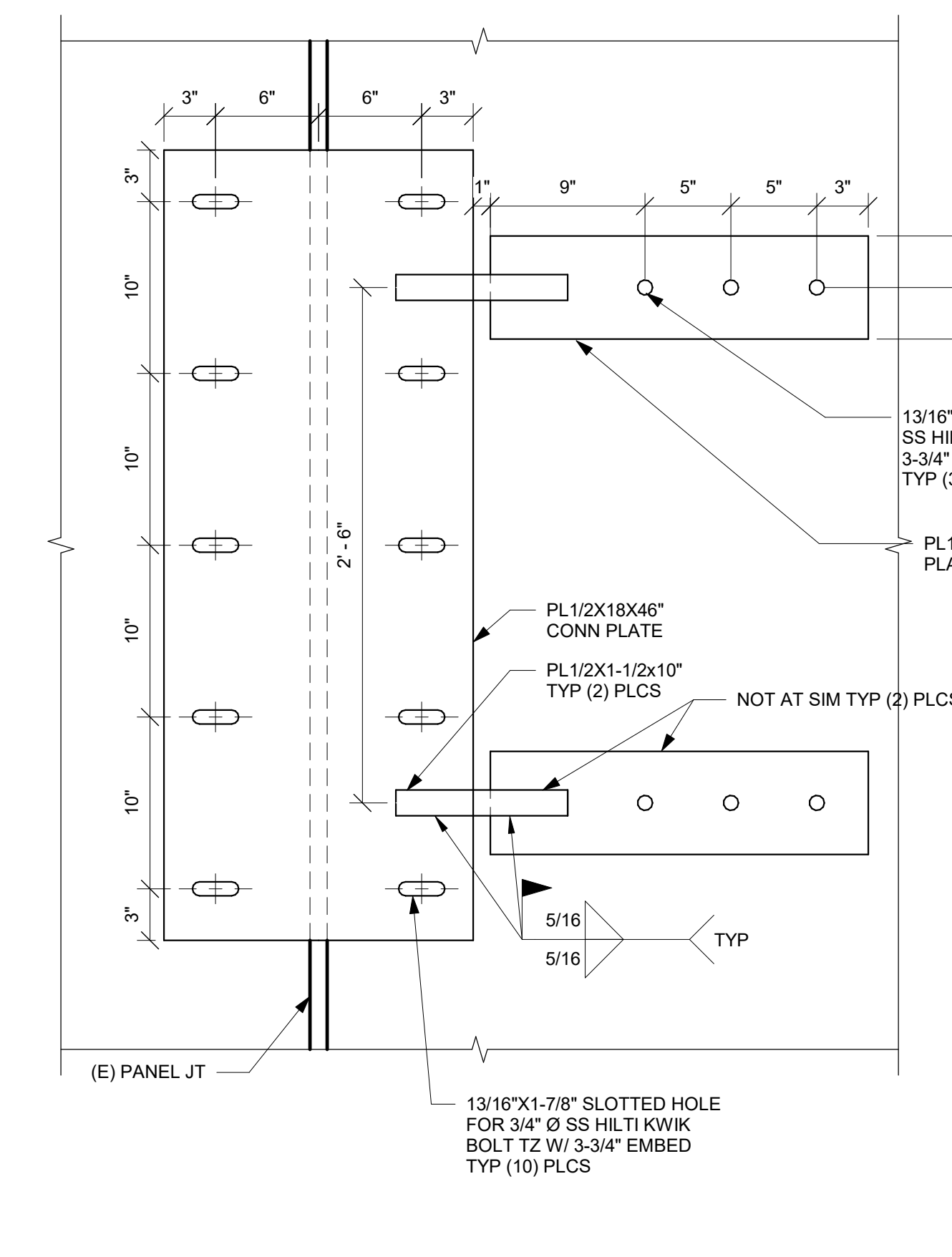
9 FRAMING @ NEW ROOF OPENINGS
1 1/2" = 1'-0"



10 TYPICAL ROOF DECK INFILL
NTS

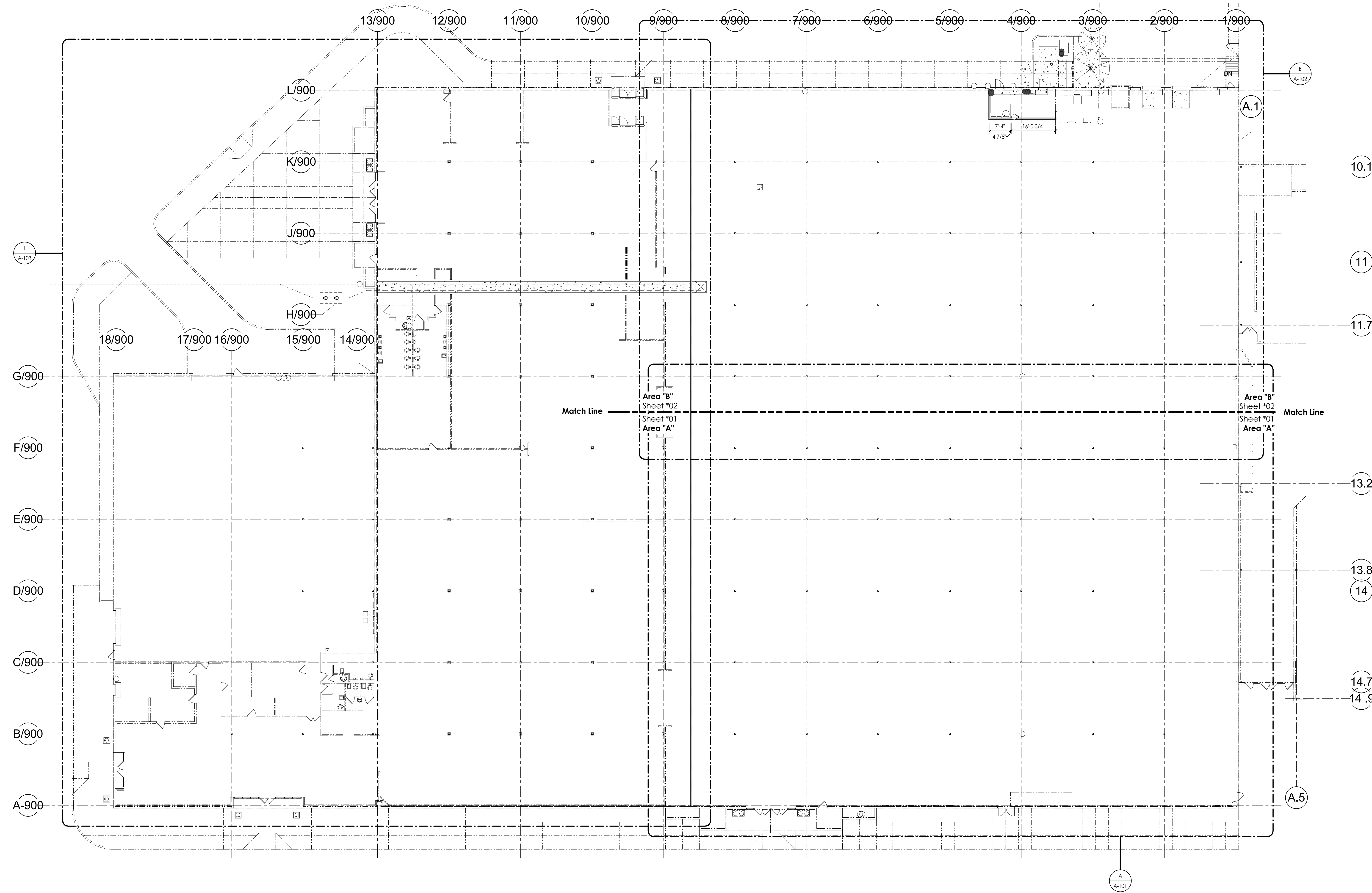


21 TYPE 1 WALL PANEL CONNECTION
1 1/2" = 1'-0"



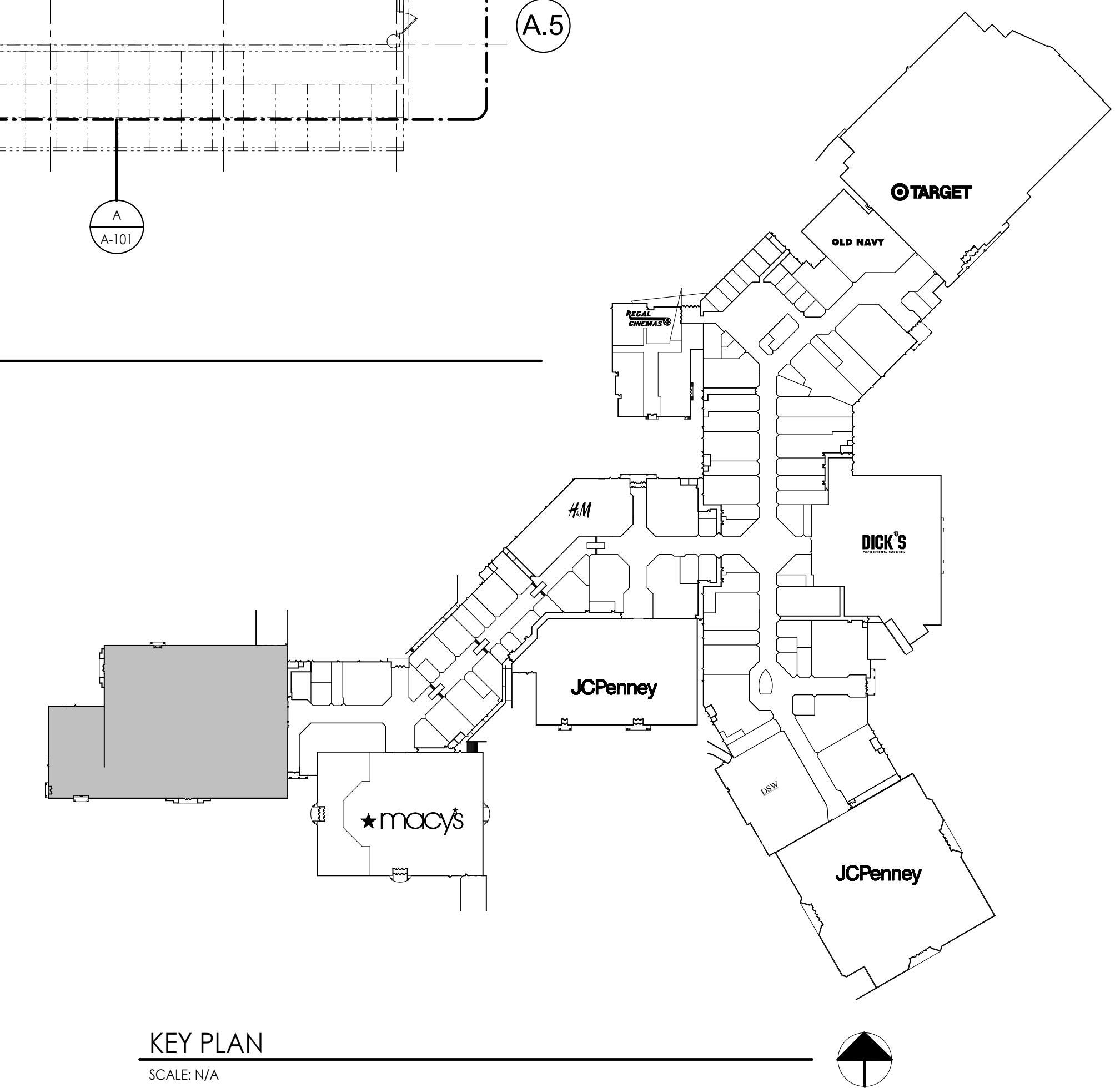
22 TYPE 2 WALL PANEL CONNECTION
1 1/2" = 1'-0"

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Composite Floor Plan
SCALE: 1/16" = 1'-0"

LEGEND TO PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - -	WALL, PARTITION, OR ITEM TO BE REMOVED
—	NEW ITEM OR WALL
— · —	COLUMN CENTERLINE



KEY PLAN
SCALE: N/A

Received
Development Services
January 14, 2021
CITY OF PUYALLUP

Developer:
CAFARO
Commercial & Industrial
Real Estate Developers
- Est. 1949 -
5577 Youngstown - Warren Road
Nes. Ohio 44468
Phone: 330-747-2641

Architect:
B4T
REGISTERED
ARCHITECT
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STATE OF WASHINGTON

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Issued Final	Issue	By
01-08-2021	TGE	by

Project Information:
COMPOSITE FLOOR PLAN

Project Information:
**SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373**

Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

A-100

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Development Services
January 14, 2021
CITY OF PUYALLUP

Developer:
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Commercial & Industrial
Real Estate Developers
- Est. 1949 -
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Revision	Issue	Description	By
01-08-2021	TGE	Issue	by
01-08-2021	DBP	Issue	by

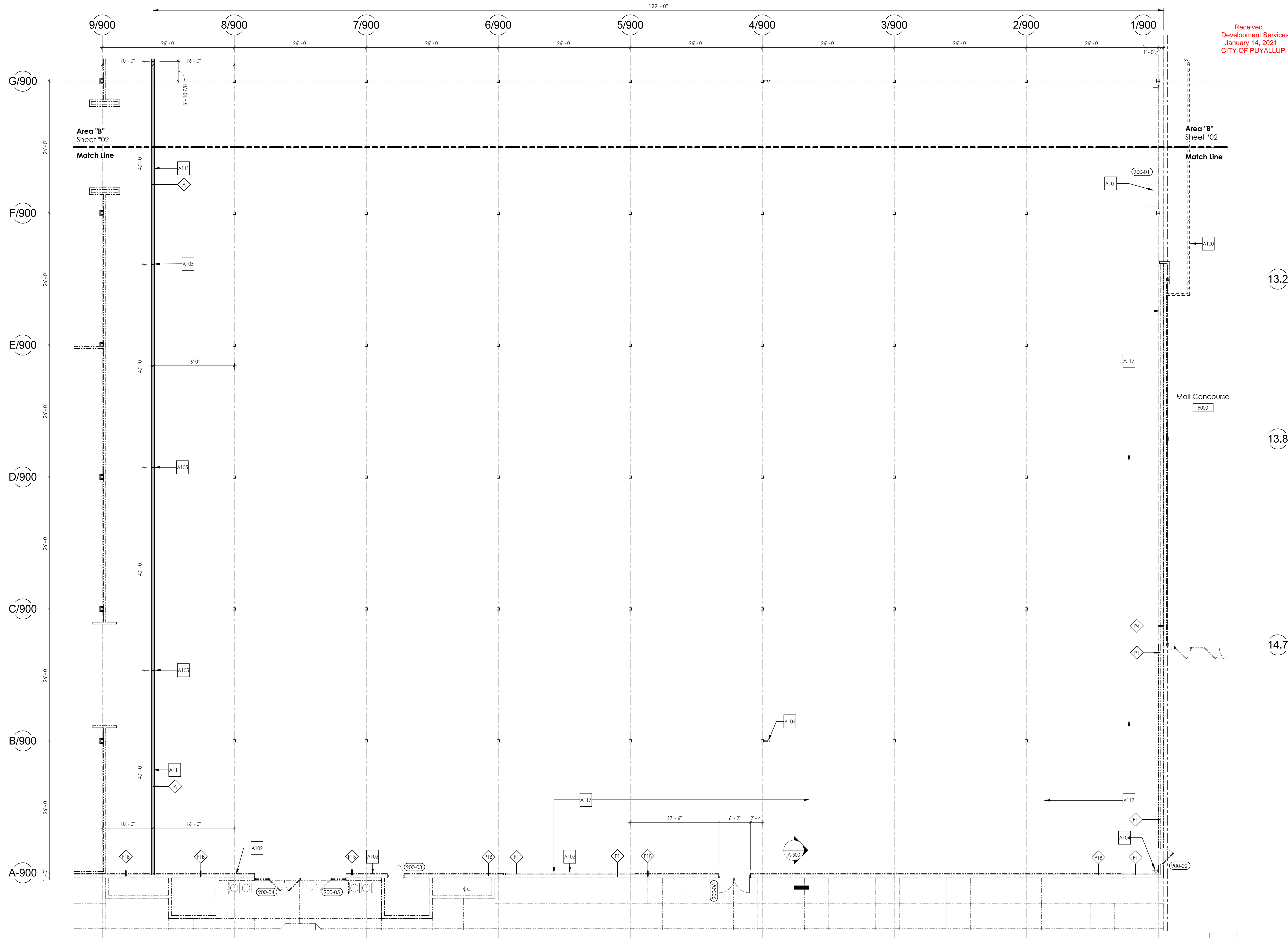
FLOOR PLAN - AREA A

Project Information:
Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373

Sheet Title:
A-100

A-101



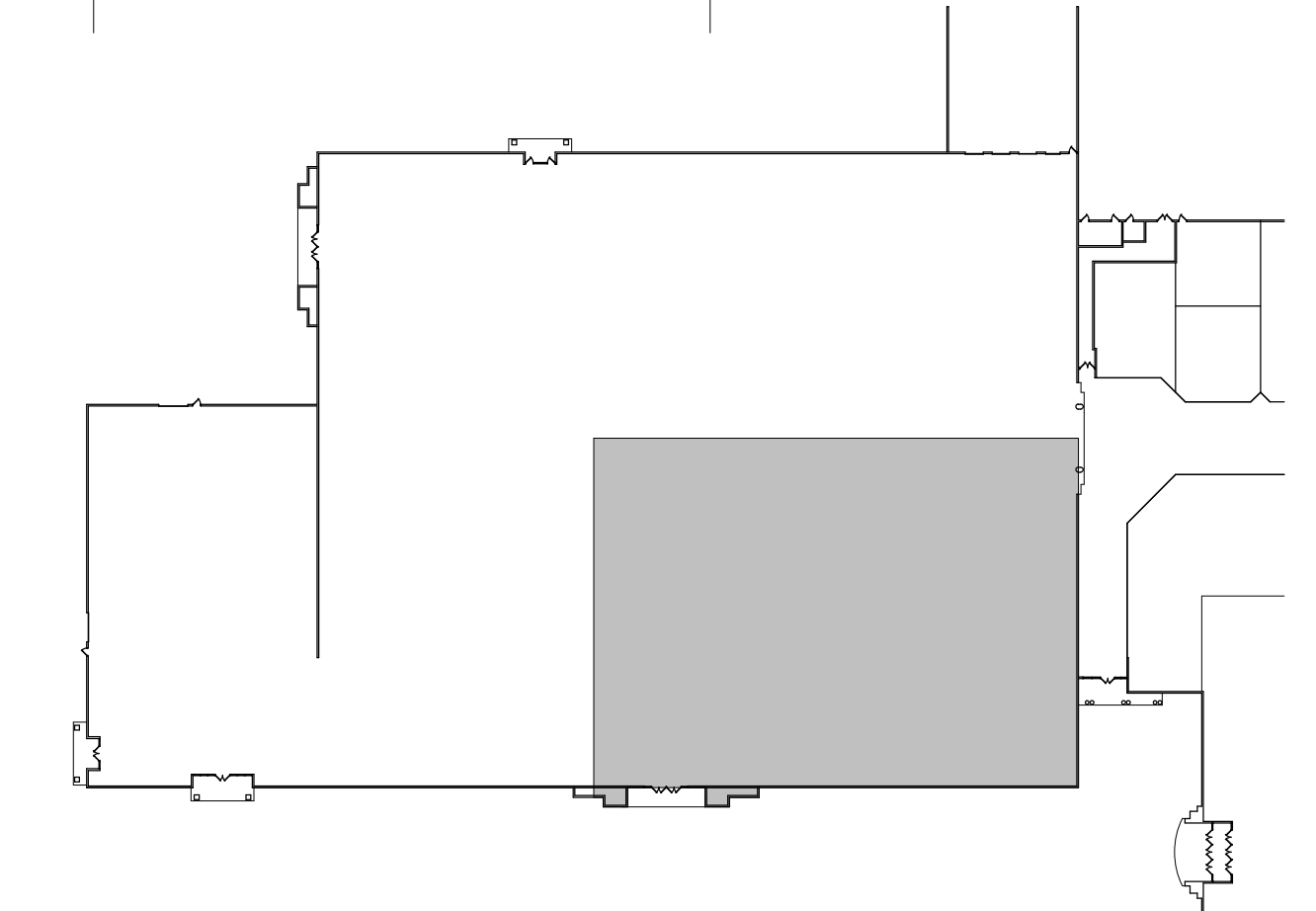
NOTE:
ALL DIMENSIONS AND EXISTING
CONDITIONS SHALL BE FIELD VERIFIED

NOTE:
ALL WOOD BLOCKING AND PLYWOOD TO
BE FIRE RETARDANT TREATED

A Floor Plan - Area A
SCALE: 1/8" = 1'-0"

SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
---	WALL, PARTITION, OR ITEM TO BE REMOVED
---	NEW ITEM OR WALL
---	COLUMN CENTERLINE

#	DESCRIPTION
A100	CONSTRUCTION BARRICADE - INSTALLED PRIOR TO DEMOLITION AND REMOVED BY TENANT G.C. AT COMPLETION OF TENANT WORK - REFER TO BARRICADE CONSTRUCTION NOTE ON D-100
A101	EXISTING OVERHEAD COILING GRILLE TO REMAIN - CLEAN AND ADJUST FOR PROPER OPERATION
A102	EXISTING METAL STUDS, INSULATION AND GYPSUM BOARD TO REMAIN
A103	EXISTING SPRINKLER SYSTEM STANDPIPE TO REMAIN (NOT ALL SHOWN) PROTECT AS REQUIRED
A104	EXISTING ROOF DRAIN LEADER TO REMAIN
A105	CONTROL JOINT - REFER TO DETAIL ON SHEET A-400
A111	1-HOUR RATED FIRE BARRIER WALL BUILT IN ACCORDANCE WITH U.L. DESIGN U-419 AS SHOWN ON SHEET A-400
A117	AT LOCATIONS OF PRE-CAST PANEL JOINT REINFORCING - INSTALL METAL STUD FRAMING, INSULATION AND GYPSUM BOARD AS REQUIRED TO MATCH EXISTING CONDITIONS - COORDINATE LOCATIONS WITH STRUCTURAL DRAWINGS



KEY PLAN
SCALE: N/A

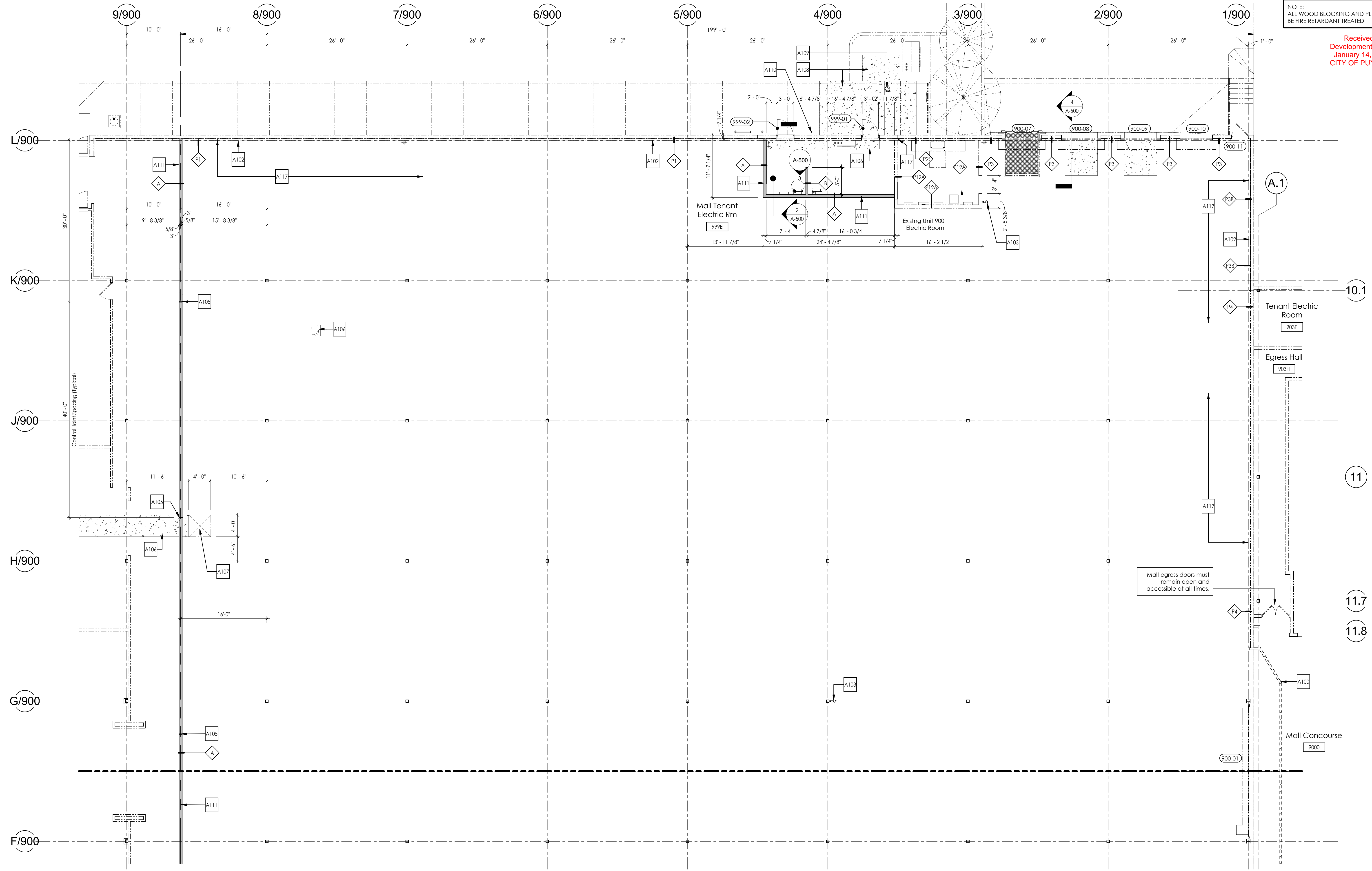
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NOTE:
ALL DIMENSIONS AND EXISTING
CONDITIONS SHALL BE FIELD VERIFIED

NOTE:
ALL WOOD BLOCKING AND PLYWOOD TO
BE FIRE RETARDANT TREATED

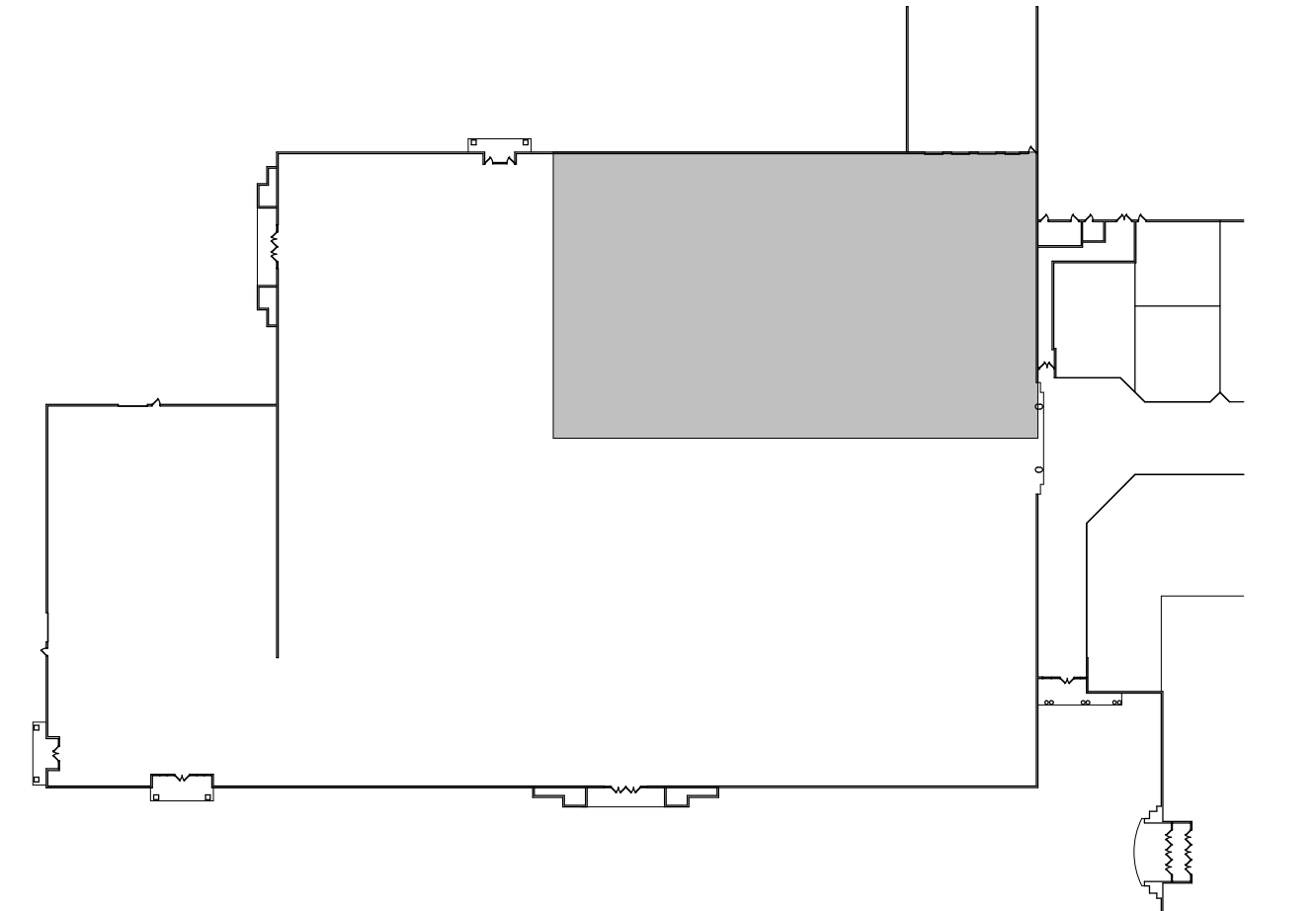
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Development Services
January 14, 2021
CITY OF PUYALLUP



6
A-100 Floor Plan - Area B
SCALE: 1/8" = 1'-0"

LEGEND TO PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - - -	WALL, PARTITION, OR ITEM TO BE REMOVED
---	NEW ITEM OR WALL
---	COLUMN CENTERLINE

CODED NOTES THIS SHEET	
#	DESCRIPTION
A100	CONSTRUCTION BARRICADE - INSTALLED PRIOR TO DEMOLITION AND REMOVED BY TENANT G.C. AT COMPLETION OF TENANT WORK - REFER TO BARRICADE CONSTRUCTION NOTE ON D-100
A102	EXISTING METAL STUDS, INSULATION AND GYPSUM BOARD TO REMAIN
A103	EXISTING SPRINKLER SYSTEM STANDPIPE TO REMAIN (NOT ALL SHOWN) PROTECT AS REQUIRED
A105	CONTROL JOINT - REFER TO DETAIL ON SHEET A-400
A106	FLOOR SLAB IN-FILL - COORDINATE EXTENT WITH PLUMBING AND/OR ELECTRICAL DRAWINGS
A107	FLOOR SLAB BLOCK-OUT FOR FUTURE EXTENSION OF SANITARY LINE BY TENANT
A108	EXTERIOR CONCRETE WALK REPLACEMENT - COORDINATE EXTENT WITH ELECTRICAL DRAWINGS
A109	EXISTING GAS SERVICE CURB BOX TO REMAIN
A110	EXISTING GAS SERVICE LINE - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
A111	1-HOUR RATED FIRE BARRIER WALL BUILT IN ACCORDANCE WITH ULL DESIGN U-419 AS SHOWN ON SHEET A-400
A117	AT LOCATIONS OF PRE-CAST PANEL JOINT REINFORCING - INSTALL METAL STUD FRAMING, INSULATION AND GYPSUM BOARD AS REQUIRED TO MATCH EXISTING CONDITIONS - COORDINATE LOCATIONS WITH STRUCTURAL DRAWINGS



KEY PLAN
SCALE: N/A

Developer:
CAFARO
Commercial & Industrial
Real Estate Developers
5577 Youngtown - Warren Road
Nes. Obs. 4446
Phone: 360-747-2641

Architect:
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Revision	Issue	Description	Date	By

Project Information:
Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

Sheet Title:
FLOOR PLAN - AREA B

Project Information:
Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

A-102

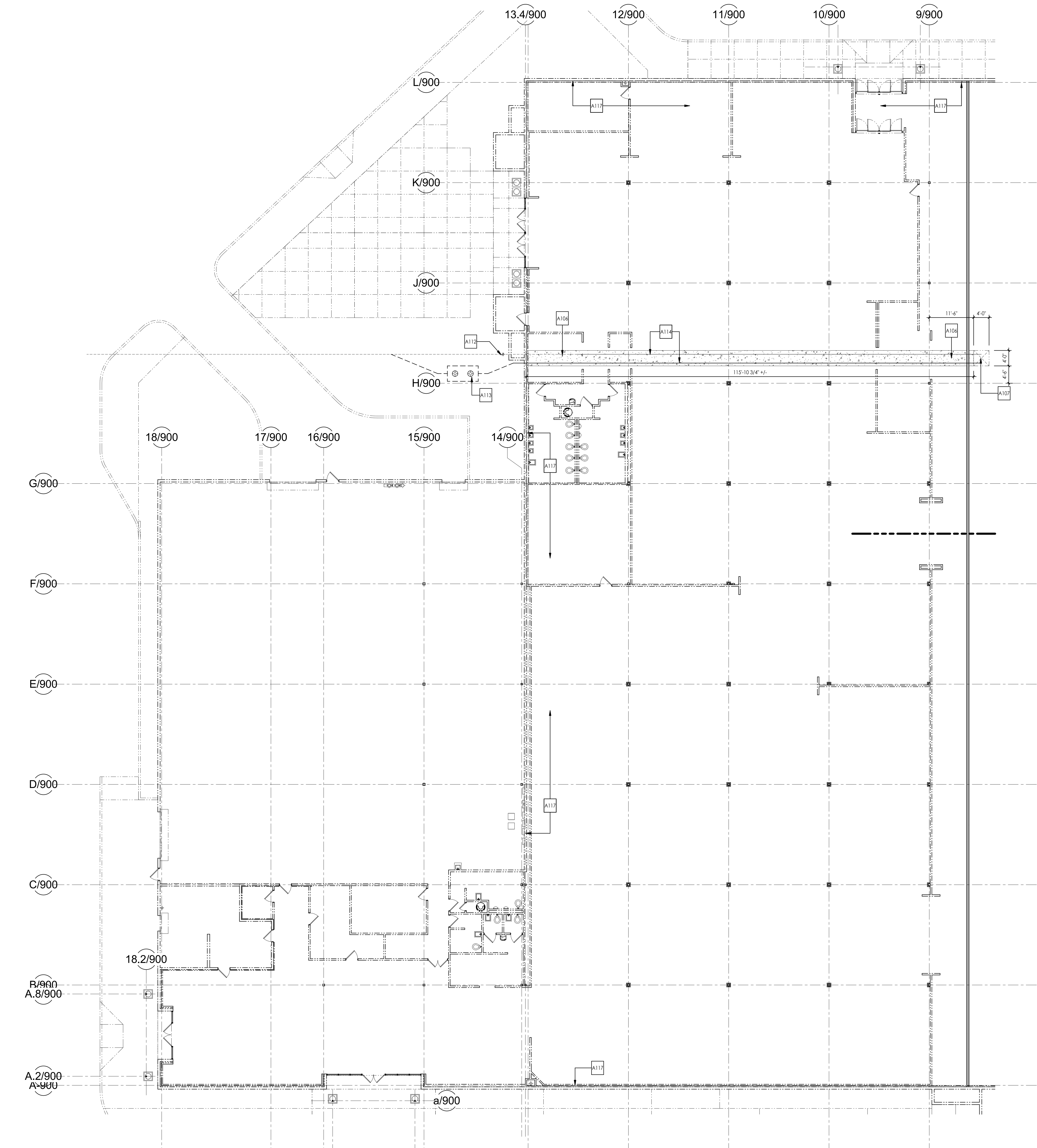
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Real Estate Developers
5377 Youngtown - Warren Road
Nes. Oreg. 4446
Phone: 330-747-2641

#	DESCRIPTION
A106	FLOOR SLAB IN-FILL - COORDINATE EXTENT WITH PLUMBING AND/OR ELECTRICAL DRAWINGS
A107	FLOOR SLAB BLOCK-OUT FOR FUTURE EXTENSION OF SANITARY LINE BY TENANT
A112	EXISTING SANITARY LINE TO REMAIN - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
A113	FUTURE GREASE INTERCEPTOR BY TENANT
A114	NEW SANITARY AND GREASE LINES - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
A117	AT LOCATIONS OF FIRE-CAST PANEL JOINT REINFORCING - INSTALL METAL STUD FRAMING, INSULATION AND GYPSUM BOARD AS REQUIRED TO MATCH EXISTING CONDITIONS - COORDINATE LOCATIONS WITH STRUCTURAL DRAWINGS



SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - -	WALL, PARTITION, OR ITEM TO BE REMOVED
—	NEW ITEM OR WALL
- - -	COLUMN CENTERLINE

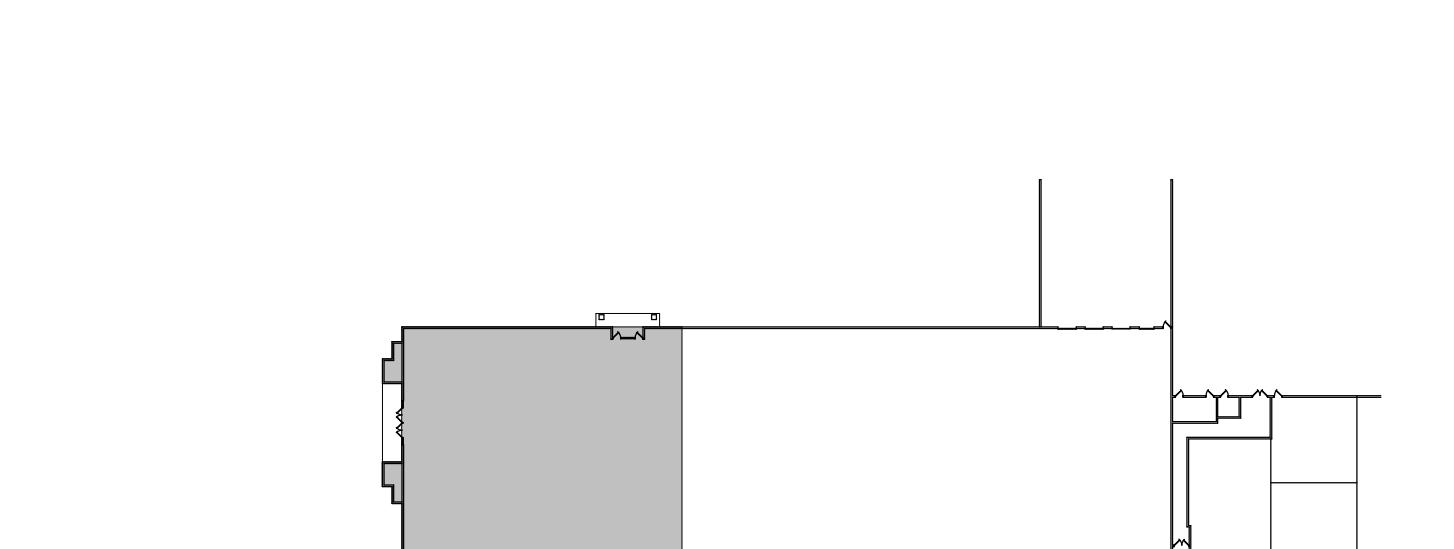
Issued Final	Issue	by
01-08-2021	TGE	
	DATE	

Revision	Description

Project No.:	062-900
Date:	01-08-2021
Drawn By:	TGE
Checked By:	RP

Project Information:	SHELL PACKAGE - ROUND ONE UNIT 900 SOUTH HILL MALL 3300 S. Meridian St Puyallup, WA 98373
----------------------	---

Sheet Title:	FLOOR PLAN - AREA C
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KEY PLAN
SCALE: N/A

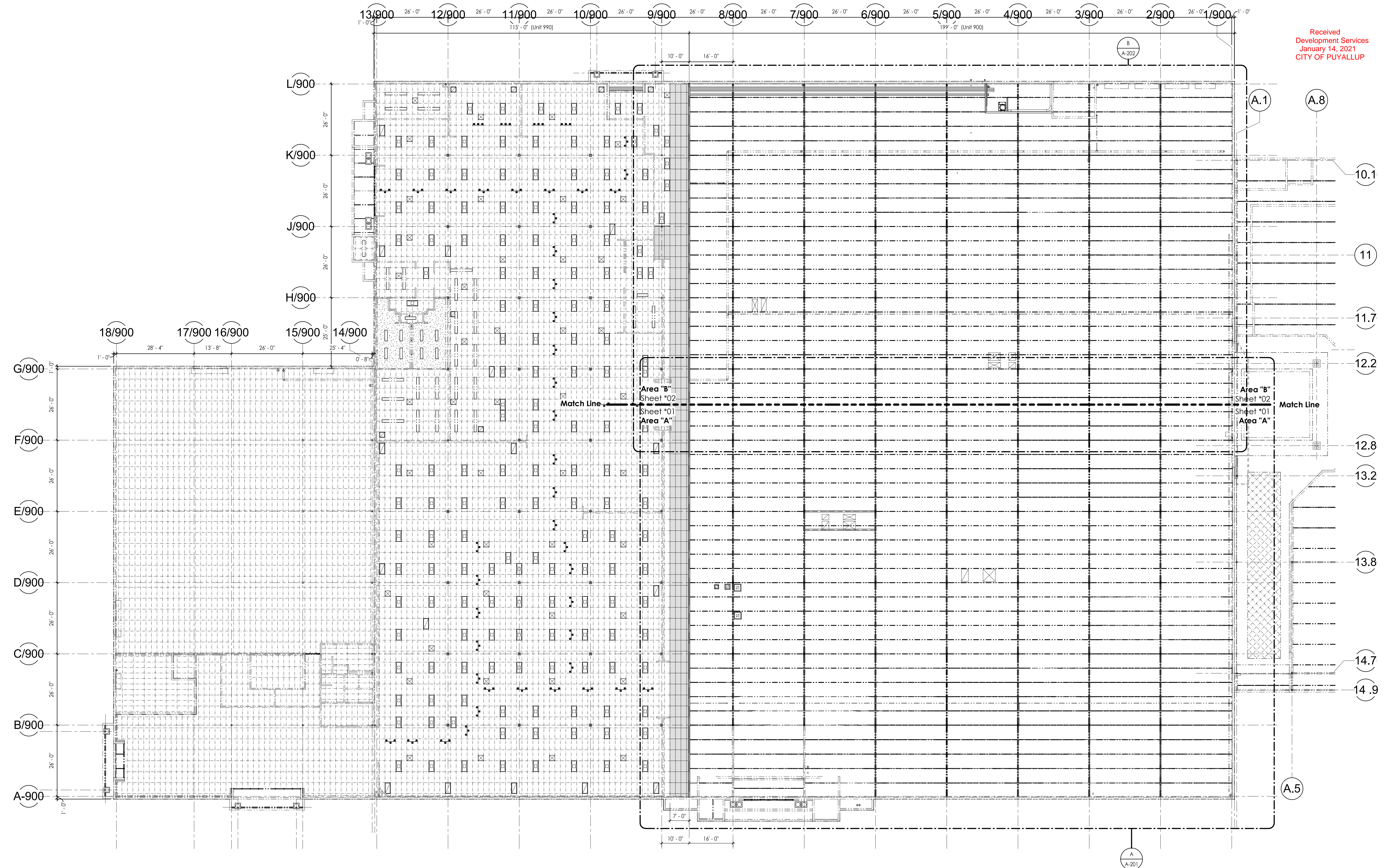
1 Floor Plan - Area C
A-100 SCALE: 3/32" = 1'-0"

A-103

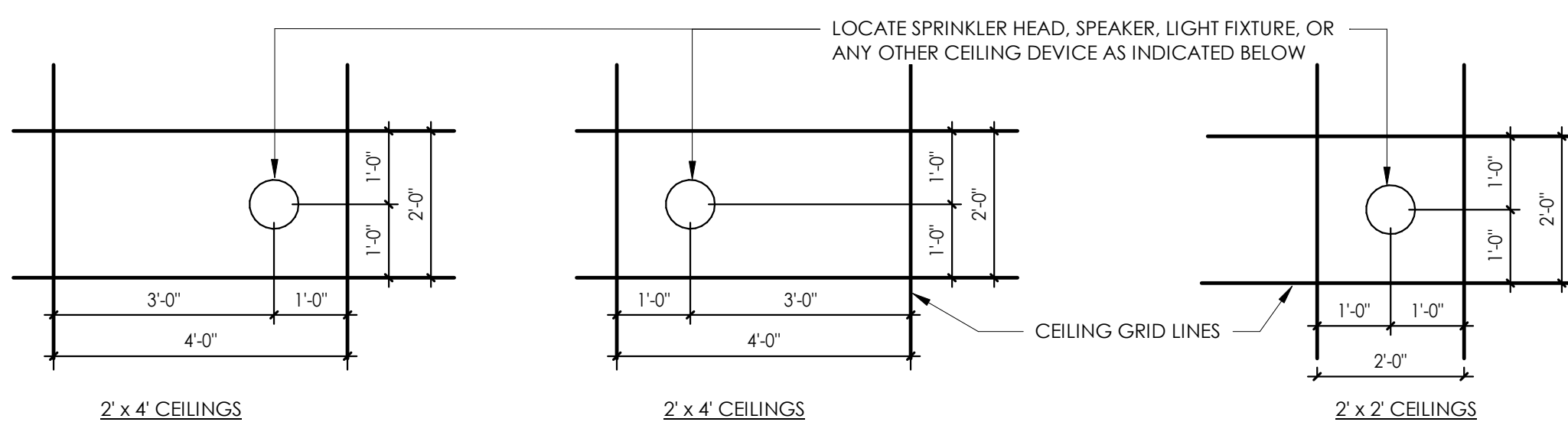
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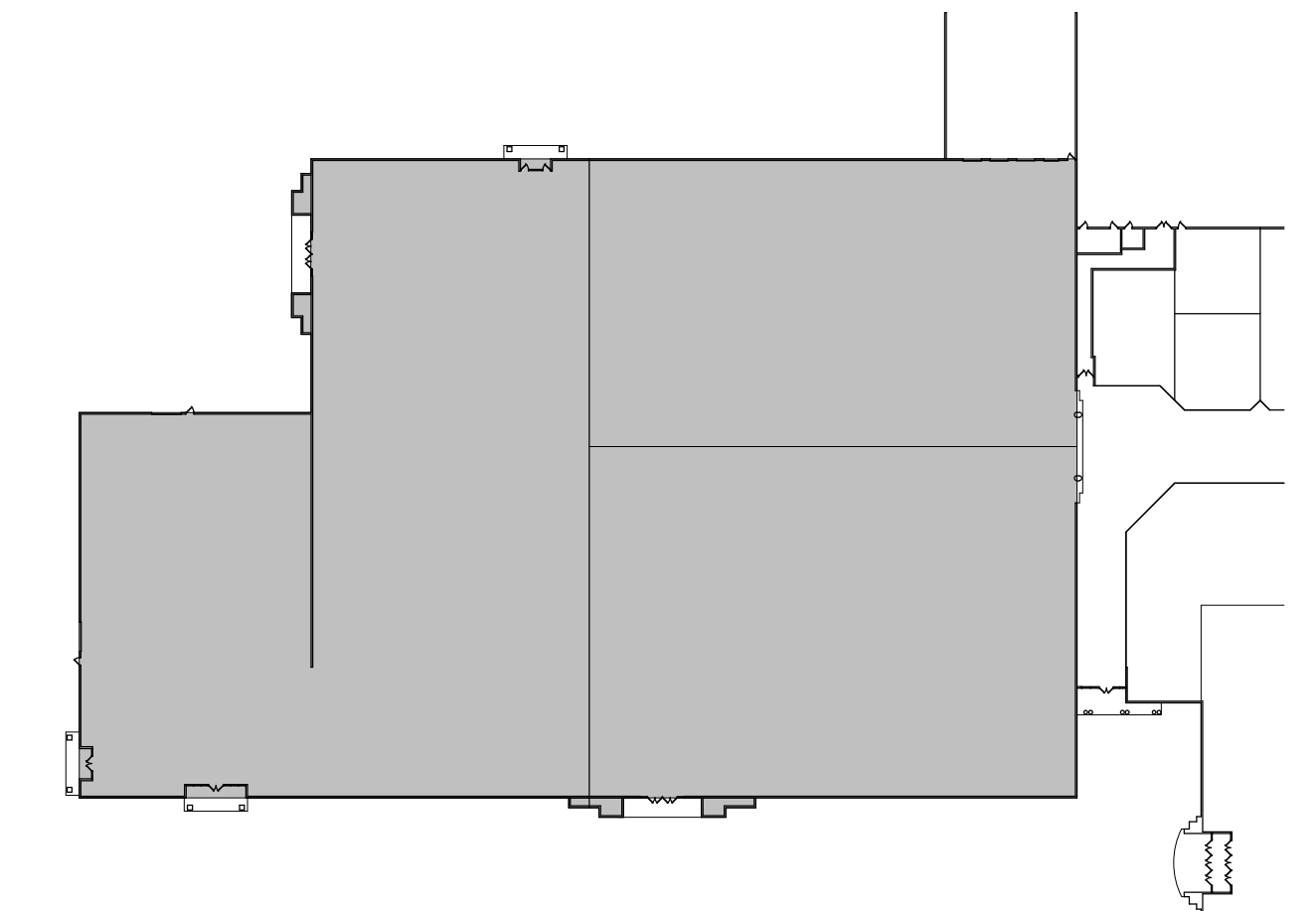
Composite Ceiling Plan
SCALE: 1/16" = 1'-0"



Ceiling Device Locations
SCALE: 1/2" = 1'-0"

LEGEND TO CEILING PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - -	WALL, PARTITION, OR ITEM TO BE REMOVED
---	NEW ITEM OR WALL
---	COLUMN CENTERLINE
■	AREA OF SUSPENDED ACOUSTIC CEILING IN-FILL

- GENERAL CEILING NOTES**
- ALL SPRINKLER HEADS, LIGHT FIXTURES, AND OTHER CEILING ITEMS SHALL BE ADJUSTED AS REQUIRED. SEE ADJACENT DETAIL FOR LOCATIONS.
 - GYPSUM WALLBOARD CONTROL JOINTS SHALL BE LOCATED A MINIMUM OF 50'-0" O.C., TYPICAL FOR ALL NEW WALLS AND CEILINGS. CONTROL JOINTS SHALL BE STANDARD JOINTS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL CEILING DEVICES THAT ARE SHOWN ON THESE CEILING PLANS, OR THAT WHICH MAY BE SHOWN ON FIRE PROTECTION, MECHANICAL, OR ELECTRICAL CEILING PLANS. IF ANY CONFLICTS ARE DISCOVERED DURING CONSTRUCTION, NOTIFY THE CONSTRUCTION MANAGER OR ARCHITECT IMMEDIATELY PRIOR TO CONTINUING WORK.
 - PRIOR TO PAINTING, PATCH AND REPAIR ALL GYPSUM WALLBOARD ABOVE EXISTING ACOUSTIC TILE CEILINGS THAT HAVE BEEN REMOVED, AND PATCH AND REPAIR ALL GYPSUM WALLBOARD AND WOOD TRIM AT ALL GYPSUM WALLBOARD AND METAL STUD BULKHEADS THAT ARE TO REMAIN.
 - ALL DIMENSIONS SHOWN ON CEILING PLAN ARE BASED OFF OF EXISTING DRAWINGS. PLEASE NOTIFY ARCHITECT WHEN THERE IS A DISCREPANCY THAT AFFECTS THE LAYOUT OF ANY NEW CEILINGS, BULKHEADS, OR DEVICES.
 - AT ALL AREAS WHERE EXISTING CEILING GRID IS TO REMAIN, CONTRACTORS ARE RESPONSIBLE TO REPAIR ANY GRID THAT WAS DAMAGED WHILE PERFORMING WORK ABOVE THE GRID.
 - REFER TO DRAWING D-200 FOR CEILING DEMOLITION WORK FOR ALTERNATE 1



KEY PLAN
SCALE: N/A

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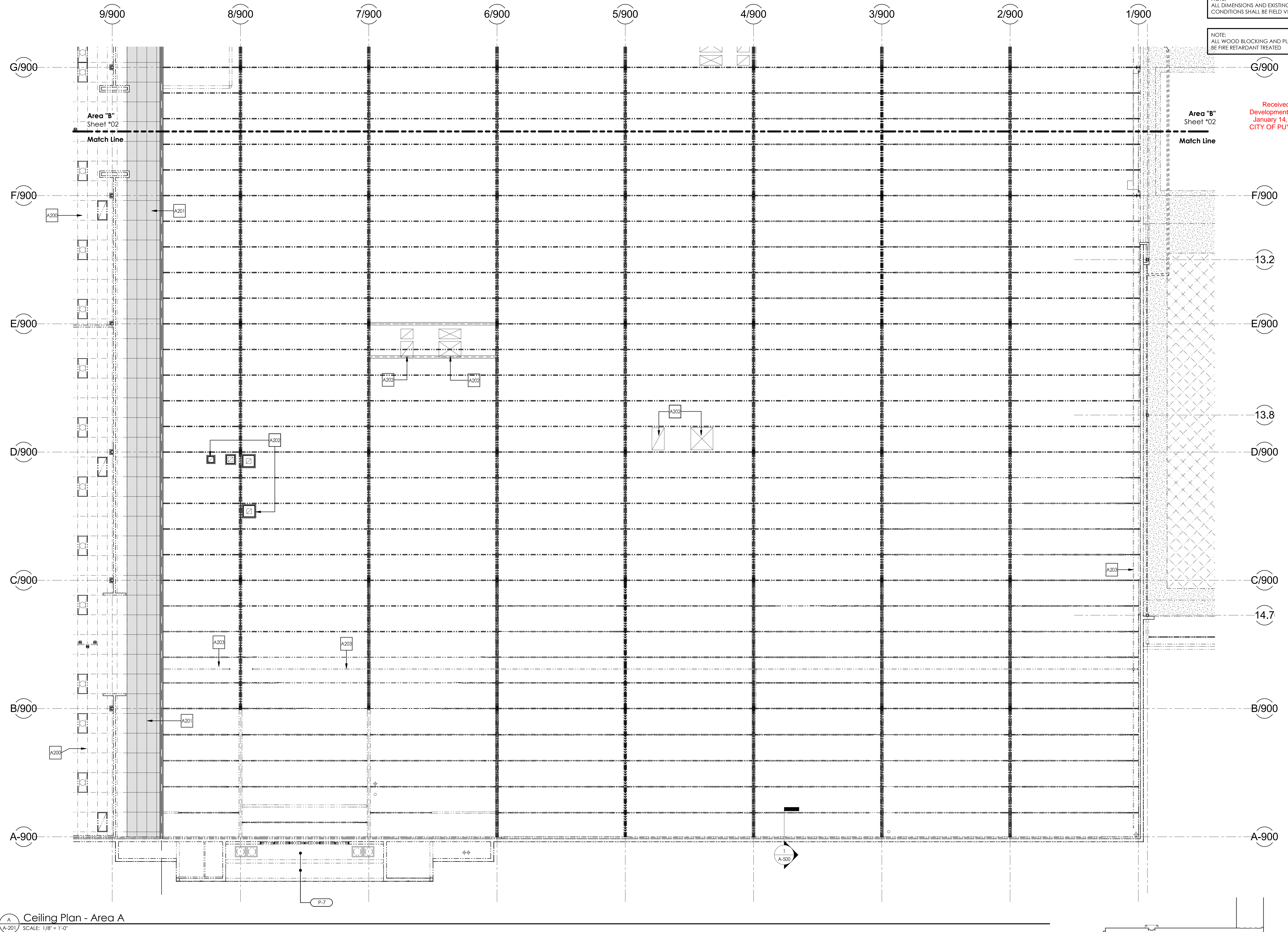
Issue No.	Revision	Description	Date	By	Check
01-08-2021	TGE	Issue			
01-08-2021	DBP	Issue			

Project Information:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373

Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

Sheet Title:
COMPOSITE CEILING PLAN
A-200

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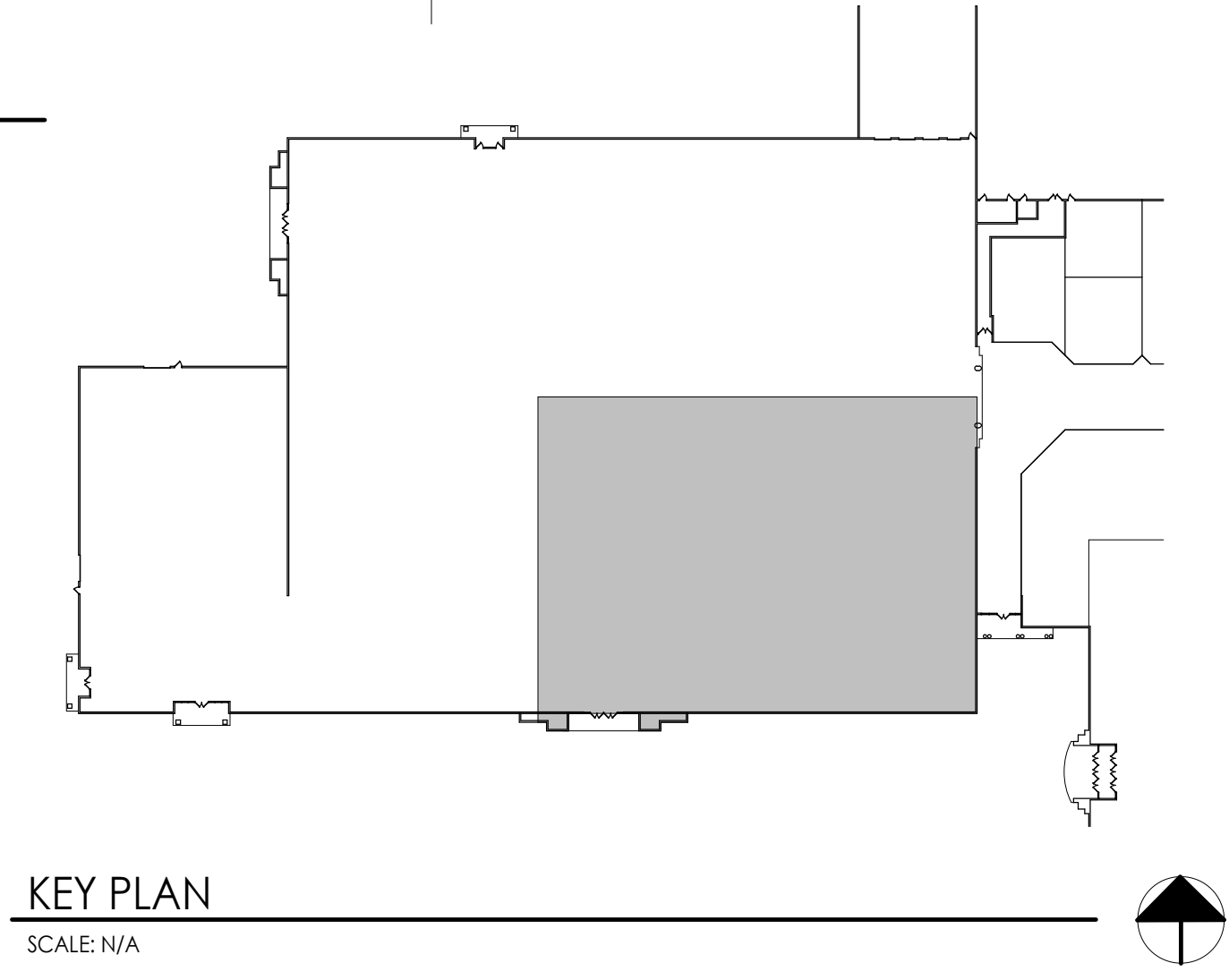


A
A-201
Ceiling Plan - Area A
SCALE: 1/8" = 1'-0"

THE GENERAL CONTRACTOR IS TO MAINTAIN A MINIMUM OF 1 FOOT CANDLE OF ILLUMINATION, EMERGENCY LIGHTING AND EXIT LIGHTING AT EXIT DOORS IN THE WORK AREA DURING CONSTRUCTION, PER APPLICABLE CODES. THE WORK AREA WILL BE AN OPEN AREA, SO EXITS WILL BE READILY VISIBLE.

LEGEND TO CEILING PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - -	WALL, PARTITION, OR ITEM TO BE REMOVED
—	NEW ITEM OR WALL
---	COLUMN CENTERLINE
■	AREA OF SUSPENDED ACOUSTIC CEILING IN-FILL

CODED NOTES THIS SHEET	
#	DESCRIPTION
A200	EXISTING SUSPENDED ACOUSTIC TILE TO REMAIN
A201	SUSPENDED ACOUSTIC TILE IN-FILL AT AREA REMOVED FOR CONSTRUCTION OF DEMISING WALL AND PATCHED BACK IN TIGHT TO DEMISING WALL
A202	DUCT DROPS FROM ROOF TOP MECHANICAL EQUIPMENT - REFER TO MECHANICAL DRAWINGS
A203	ALL EXISTING SPRINKLER MAINS AND BRANCH LINES WITHIN UNIT 900 TO BE RAISED TIGHT TO UNDER SIDE OF STRUCTURE WITH UPRIGHT HEADS. REFER TO FIRE PROTECTION DRAWING FOR ADDITIONAL INFORMATION AND DETAIL



KEY PLAN
SCALE: N/A

NOTE:
ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE FIELD VERIFIED

NOTE:
ALL WOOD BLOCKING AND PLYWOOD TO BE FIRE RETARDANT TREATED

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Issued For	Issue	By
Final	DATE	TGE
Revised	DATE	TGE
Revised	DATE	TGE

Project Information:
Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

Project Information:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373

Sheet Title:
CEILING PLAN - AREA A
A-201

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NOTE:
ALL DIMENSIONS AND EXISTING
CONDITIONS SHALL BE FIELD VERIFIED

NOTE:
ALL WOOD BLOCKING AND PLYWOOD TO
BE FIRE RETARDANT TREATED

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Development Services
January 14, 2021
CITY OF PUYALLUP

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ARCHITECT
RICHARD PARTIKA
STATE OF WASHINGTON

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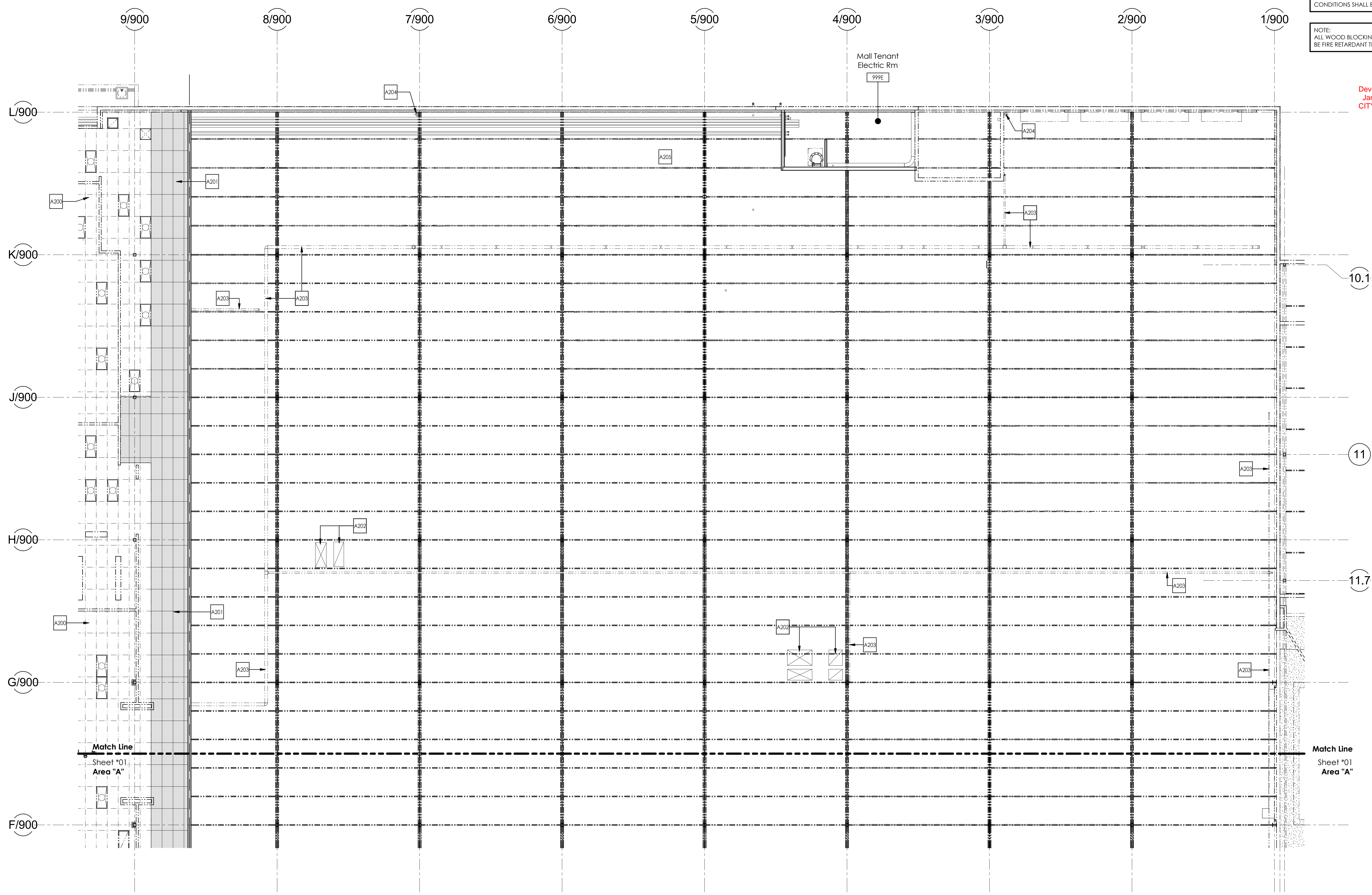
Issued Final	Issue	By
01-08-2021	DATE	TGE
	DESCRIPTION	

CEILING PLAN - AREA B

SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373

Project Information:
Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

A-202

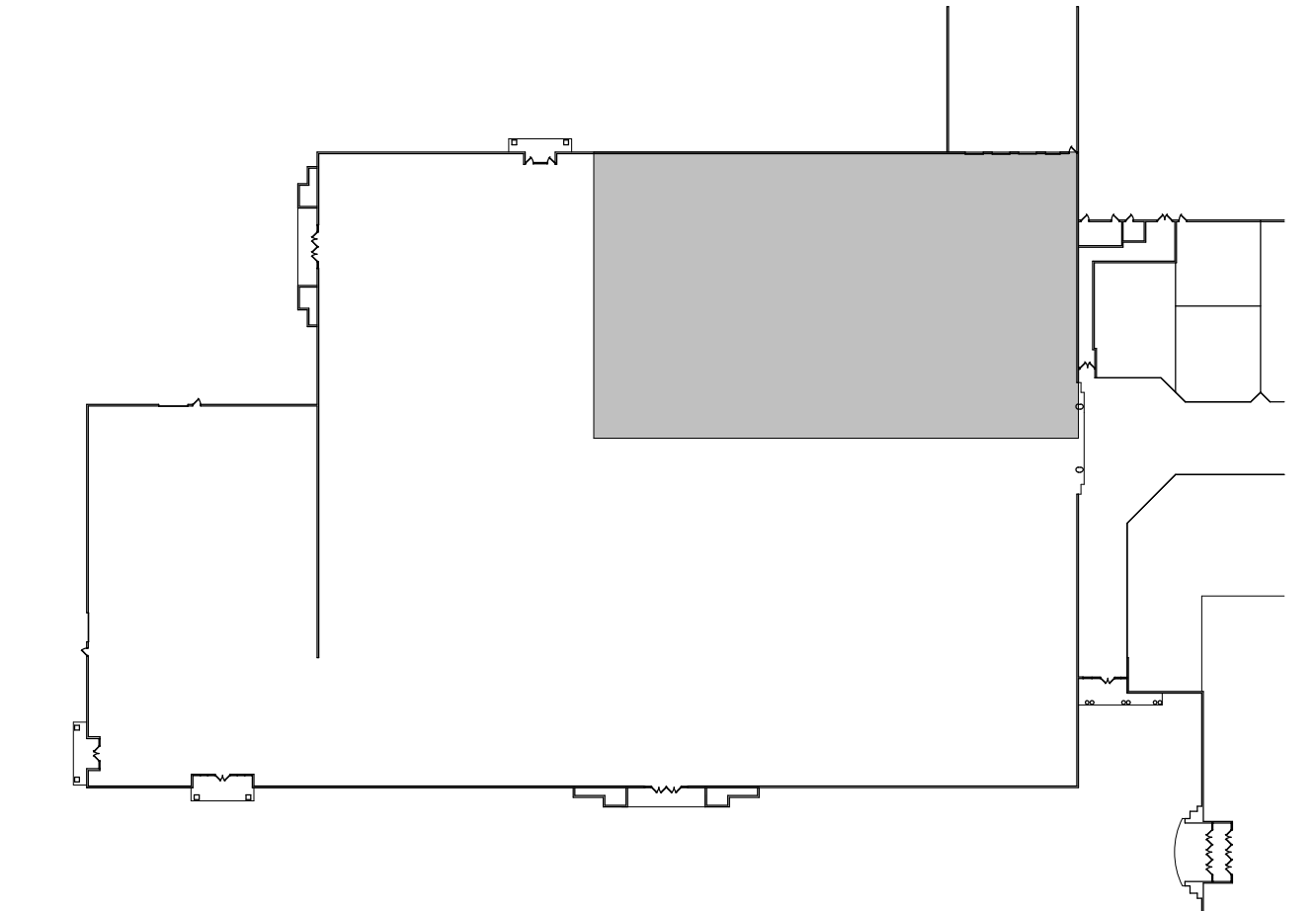


B
A-202
Ceiling Plan - Area B
SCALE: 1/8" = 1'-0"

THE GENERAL CONTRACTOR IS TO MAINTAIN A MINIMUM OF 1 FOOT CANDLE OF ILLUMINATION, EMERGENCY LIGHTING AND EXIT LIGHTING AT EXIT DOORS IN THE WORK AREA DURING CONSTRUCTION, PER APPLICABLE CODES. THE WORK AREA WILL BE AN OPEN AREA, SO EXITS WILL BE READILY VISIBLE.

SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - -	WALL, PARTITION, OR ITEM TO BE REMOVED
—	NEW ITEM OR WALL
- - -	COLUMN CENTERLINE
■	AREA OF SUSPENDED ACOUSTIC CEILING IN-FILL

#	DESCRIPTION
A200	EXISTING SUSPENDED ACOUSTIC TILE TO REMAIN
A201	SUSPENDED ACOUSTIC TILE IN-FILL AT AREA REMOVED FOR CONSTRUCTION OF DEMISING WALL AND PATCHED BACK IN TIGHT TO DEMISING WALL
A202	DUCT DROPS FROM ROOF TOP MECHANICAL EQUIPMENT - REFER TO MECHANICAL DRAWINGS
A203	ALL EXISTING SPRINKLER MAINS AND BRANCH LINES WITHIN UNIT 900 TO BE RAISED TIGHT TO UNDER SIDE OF STRUCTURE WITH UPRIGHT HEADS. REFER TO FIRE PROTECTION DRAWING FOR ADDITIONAL INFORMATION AND DETAIL
A204	EXISTING ROOF DRAIN LEADER TO REMAIN
A205	CONDUIT TO ADJACENT SPACE TIGHT TO BOTTOM OF JOIST - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION



KEY PLAN
SCALE: N/A

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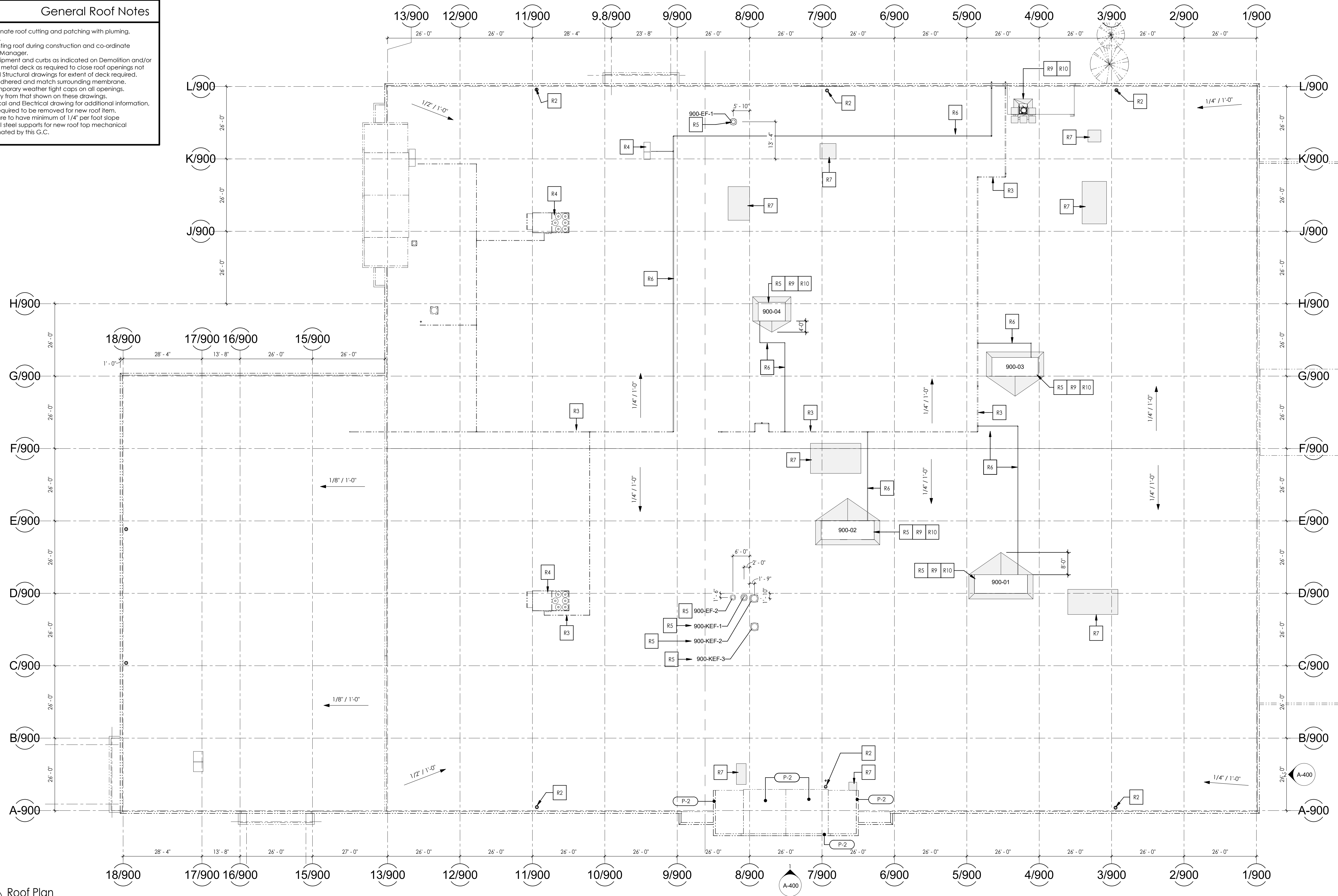
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- General Roof Notes**
- G.C. and Roofing Contractor to co-ordinate roof cutting and patching with plumbing, mechanical and electrical contractors.
 - G.C./Roofing Contractor to protect existing roof during construction and co-ordinate debris/material locations with Property Manager.
 - Mechanical Contractor to remove equipment and curbs as indicated on Demolition and/or Mechanical drawings. G.C. to provide metal deck as required to close roof openings not being reused - refer to Mechanical and Structural drawings for extent of deck required.
 - All new roof membranes shall be fully adhered and match surrounding membrane.
 - G.C./Roofing Contractor to provide temporary weather tight caps on all openings.
 - Actual locations of equipment may vary from that shown on these drawings.
 - Refer to Structural, Plumbing, Mechanical and Electrical drawing for additional information, including those areas of roof that are required to be removed for new roof items.
 - All taper, crickets and new roof areas are to have minimum of 1/4" per foot slope.
 - Structural roof deck in-fills and structural steel supports for new roof top mechanical equipment to be by others, but coordinated by this G.C.

NOTE:
ALL DIMENSIONS AND EXISTING
CONDITIONS SHALL BE FIELD-VERIFIED

NOTE:
ALL WOOD BLOCKING AND PLYWOOD
USED ON EXTERIOR OF BUILDING TO BE
FIRE RETARDANT TREATED EXTERIOR GRADE

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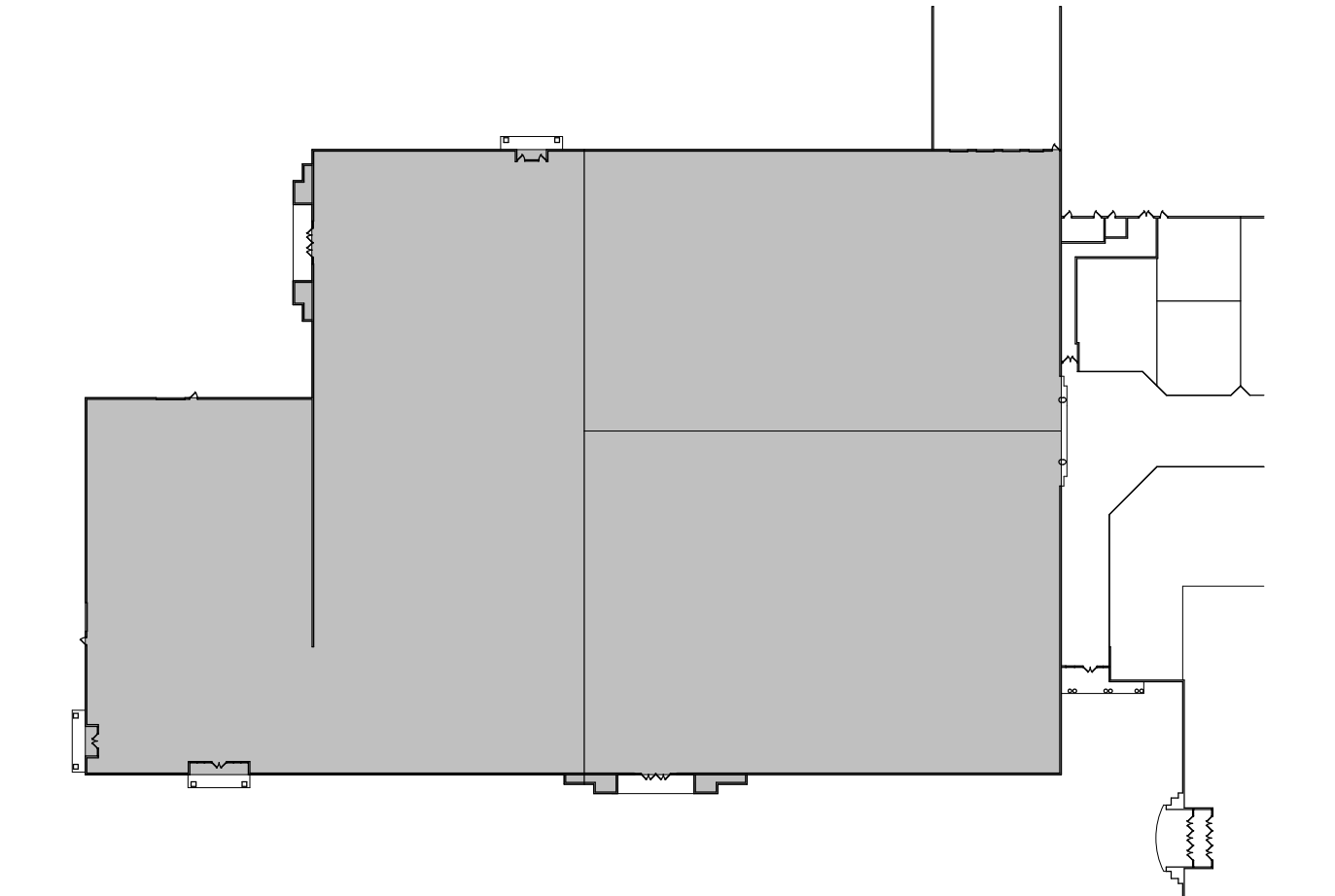
1 Roof Plan
A-400 SCALE: 1/16" = 1'-0"

LEGEND TO ROOF PLANS

SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
---	WALL, PARTITION, OR ITEM TO BE REMOVED
---	NEW ITEM OR WALL
---	COLUMN CENTERLINE
---	NEW SLOPE CREATED USING TAPERED INSULATION / CANT STRIPS AROUND MECHANICAL EQUIPMENT AND SKYLIGHTS
---	LOCATION OF REMOVED MECHANICAL EQUIPMENT

CODED NOTES THIS SHEET

#	DESCRIPTION
R2	EXISTING ROOF DRAIN TO REMAIN PROTECT AS REQUIRED
R3	EXISTING GAS PIPING TO REMAIN - PROTECT AS REQUIRED
R4	EXISTING MECHANICAL EQUIPMENT TO REMAIN - REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
R5	NEW MECHANICAL EQUIPMENT - REFER TO MECHANICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
R6	NEW GAS PIPE, PAINTED SAFETY YELLOW - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
R7	NEW METAL DECK, INSULATION AND APP MEMBRANE IN-FILL AT REMOVED ITEMS - REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
R9	NEW 2" X 24" TAPERED INSULATION AND CRICKET ON HIGH SIDE OF ROOF PENETRATIONS
R10	NEW ROOF PROTECTION WALKWAY PADS ON ALL SIDES OF MECHANICAL EQUIPMENT AND ROOF HATCH



KEY PLAN
SCALE: N/A

Est. 1949
CAFARO
Commercial & Industrial
Real Estate Developers

REGISTERED ARCHITECT
RICHARD PARTIKA
STATE OF WASHINGTON

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E-Mail: rpartika@triplancompany.com

Revision	Description	Date	Issue	By
01-08-2021	TCE			

COMPOSITE ROOF PLAN

Project Information:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373

Project No.: 062-900
Date: 01-08-2021
Drawn By: TCE
Checked By: RP

A-300

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Revision	Issue	Date	By
1	Issue	01-08-2021	TGE
2	Issue	01-08-2021	TGE



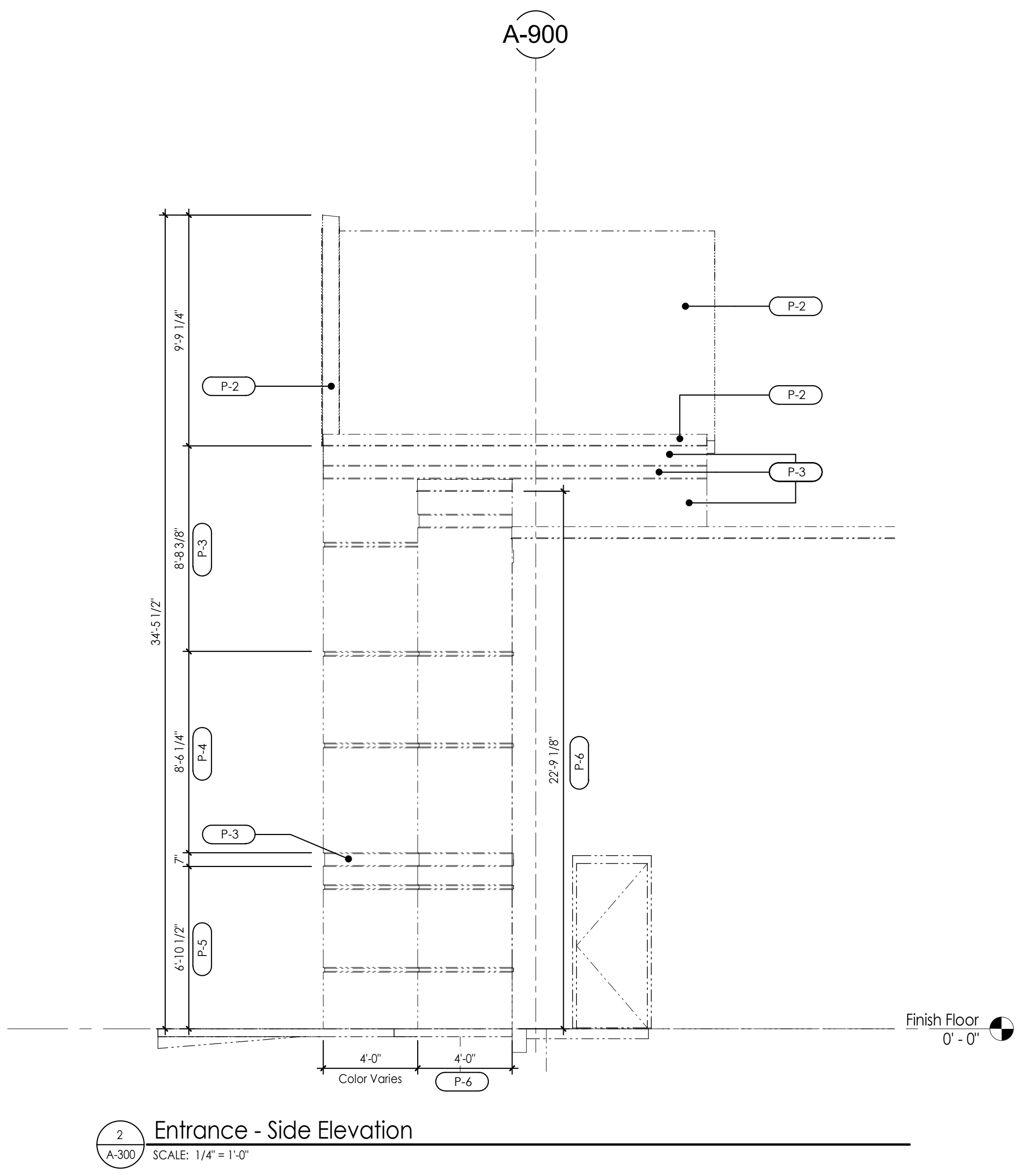
Entrance Rendering
SCALE: None

Sign by Tenant

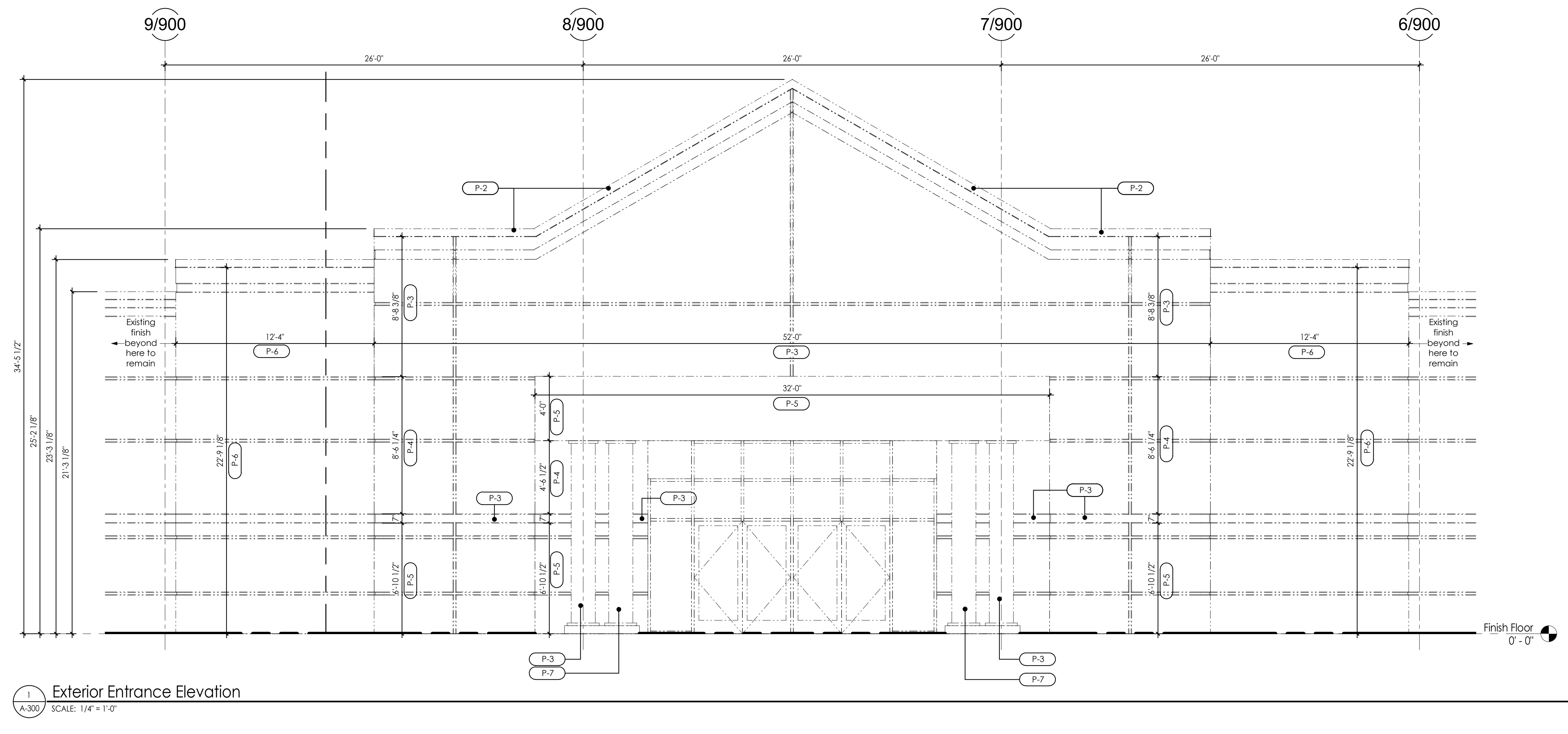
Wall mounted light fixture by Tenant (Typical)

Bowling pin feature by Tenant

FINISH LEGEND				
Key	Description	Manufacturer	Model / Color	Comments
P-1	Point	TBD	TBD	Hollow metal door and frame paint
P-2	Point	TBD	TBD	Point existing standing seam metal roof and coping
P-3	Point	TBD	TBD	Red paint on existing pre-cast panels
P-4	Point	TBD	TBD	Medium Gray point on existing pre-cast panel
P-5	Point	TBD	TBD	Dark Gray point on existing pre-cast panels
P-6	Point	TBD	TBD	Point on pre-cast panels
P-7	Point	TBD	TBD	White paint on entrance column and ceiling



2 A-300 Entrance - Side Elevation
SCALE: 1/4" = 1'-0"



1 A-300 Exterior Entrance Elevation
SCALE: 1/4" = 1'-0"

EXTERIOR ELEVATIONS AND FINISH LEGEND

Project Information:
Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

A-400

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E-Mail: rpartika@afacompany.com

Revision	Number	Description	Date	By	Check
1	01-08-2021	TGE			
2	01-08-2021	DBP			

SECTIONS AND ELEVATION

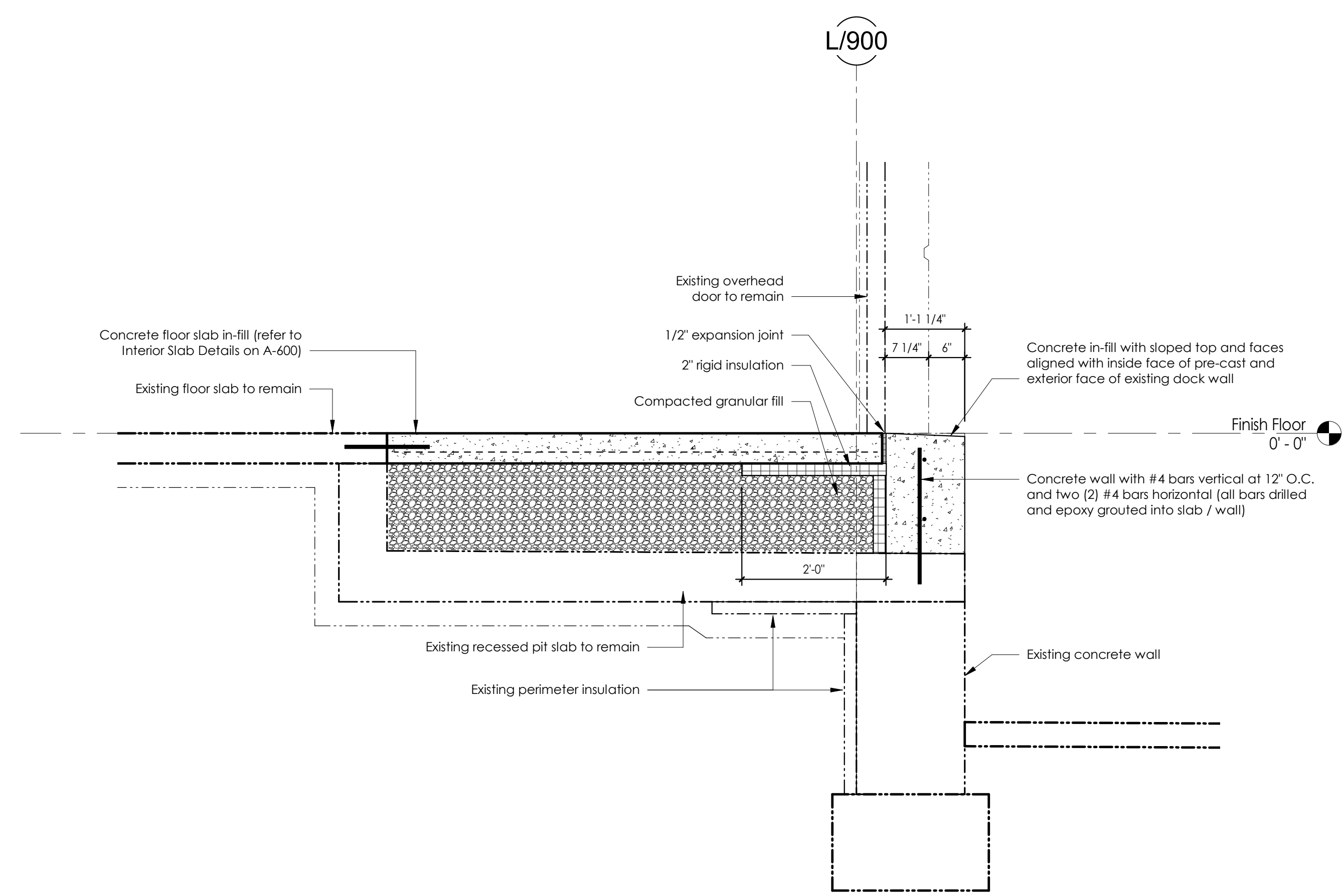
Project Information:

SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373

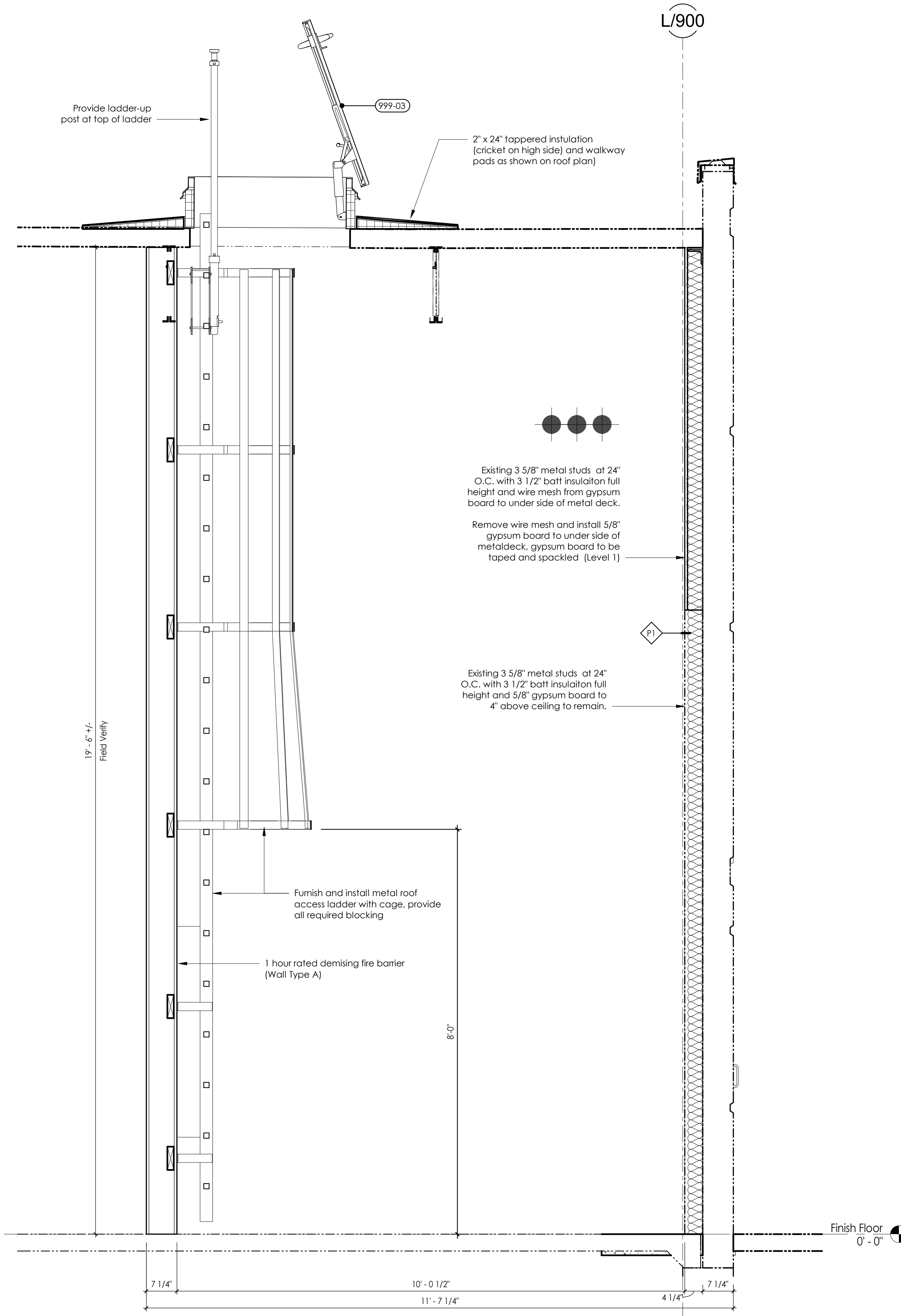
Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

A-500

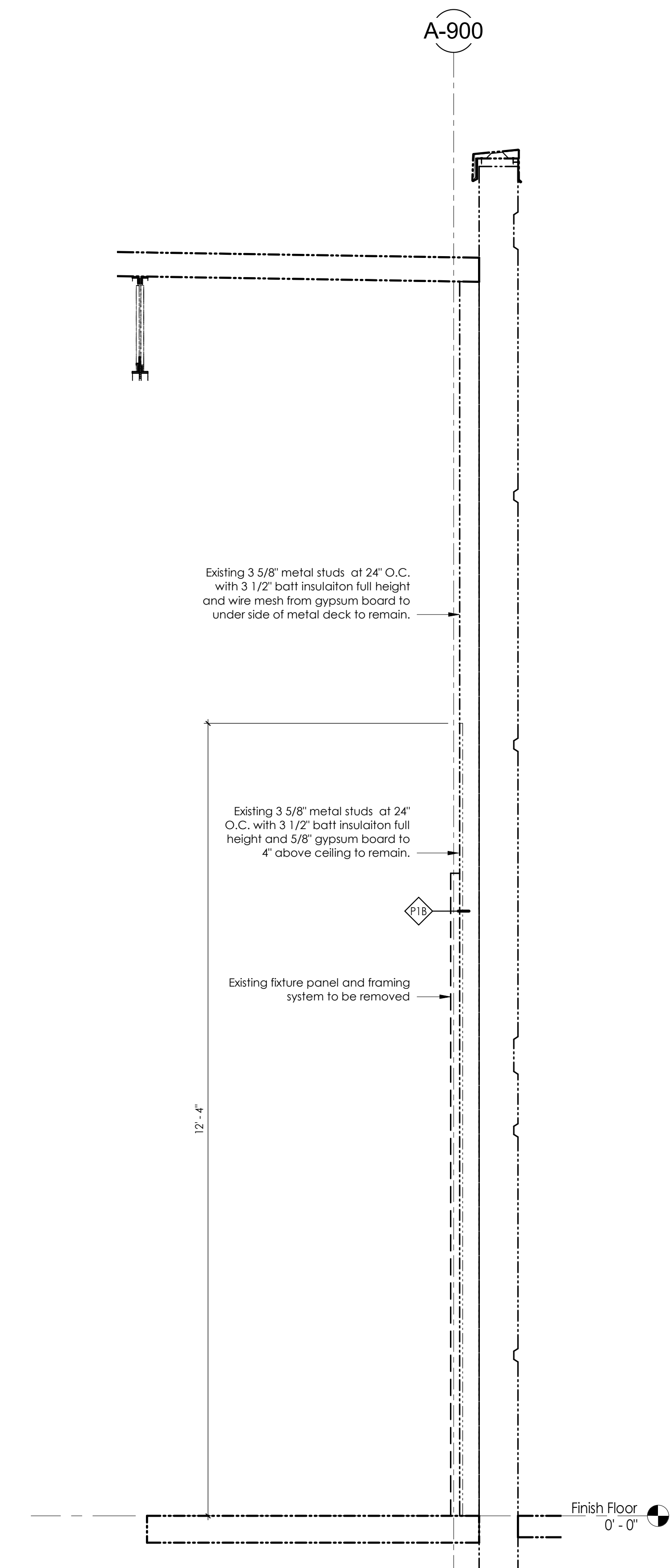
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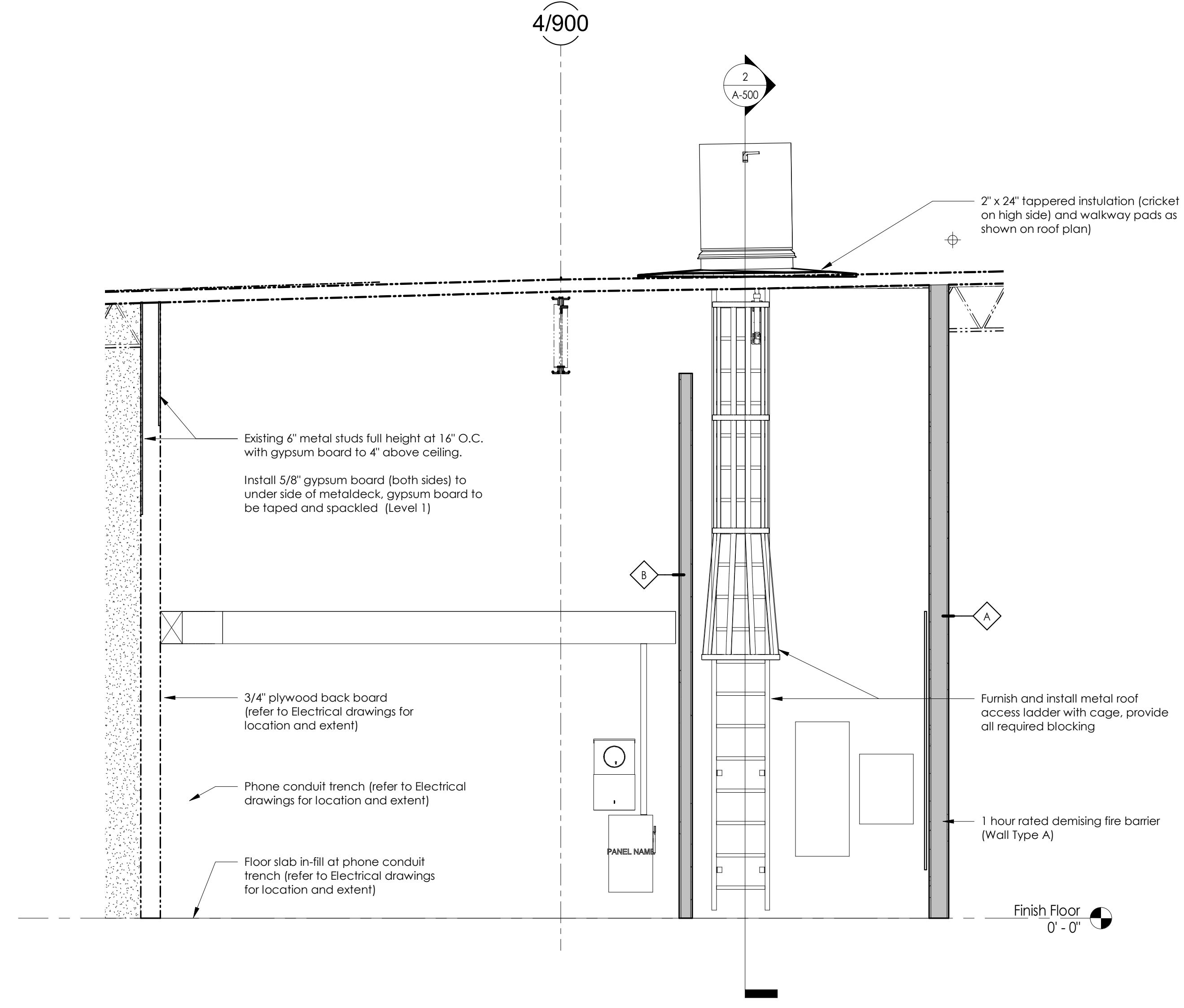
4 Section @ Dock Leveler In-Fill
SCALE: 3/4" = 1'-0"



2 Wall Section @ Roof Access
SCALE: 3/4" = 1'-0"



1 Wall Section @ Exterior Wall
SCALE: 3/4" = 1'-0"

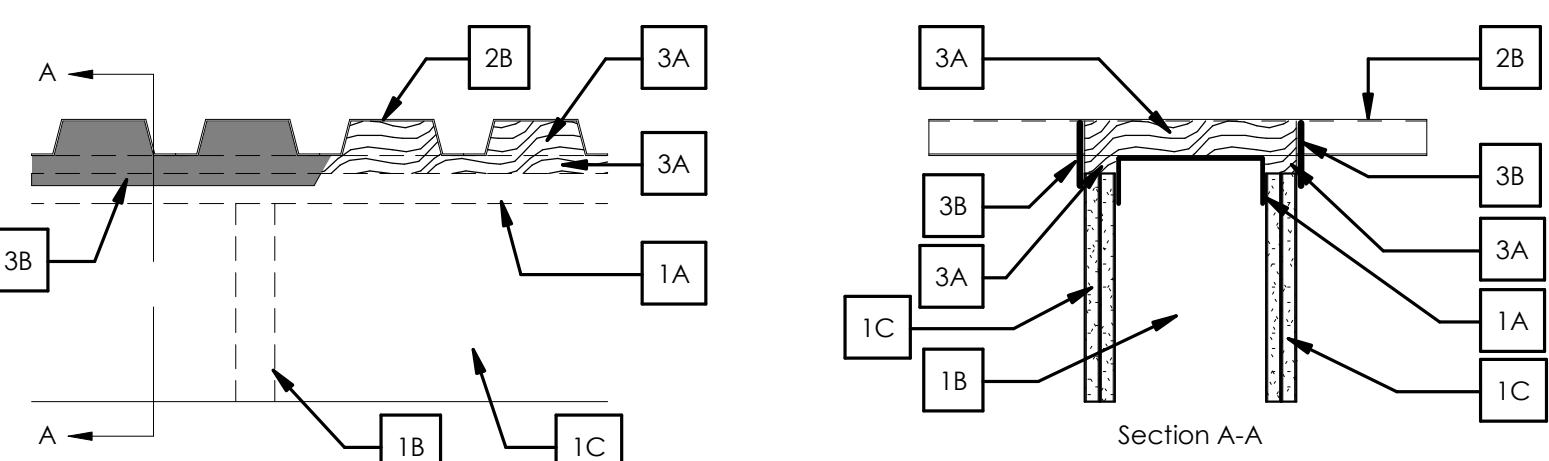


3 Elevation @ Roof Access Ladder
SCALE: 3/8" = 1'-0"

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NOTE:
THIS DETAIL IS TYPICAL HEAD OF WALL JOINT SYSTEM FOR FIRE-RATED WALL ASSEMBLY.

F RATINGS - 2 HR
NOMINAL JOINT WIDTH - 1 1/2 INCH
CLASS II MOVEMENT CAPABILITIES - 50% COMPRESSION OR EXTENSION



1. **WALL ASSEMBLY** - THE 1 OR 2 HR. FIRE RATED GYPSUM WALLBOARD/STEEL STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGNS IN THE U.L. FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES.

A. **STEEL FLOOR AND CEILING RUNNERS** - FLOOR AND CEILING RUNNERS OF WALL ASSEMBLY SHALL CONSIST OF GALV STEEL CHANNELS SIZED TO ACCOMMODATE STEEL STUDS (ITEM 1B). FLANGE HEIGHT OF CEILING RUNNER SHALL BE MIN 1/4 IN. (6mm) GREATER THAN MAX EXTENDED JOINT WIDTH. CEILING RUNNER INSTALLED PERPENDICULAR TO DIRECTION OF FLUTED STEEL DECK AND SECURED TO VALLEYS WITH STEEL FASTENERS OR WELDS SPACED MAX 24 IN. (610mm) O.C.

A1. **LIGHT GAUGE FRAMING*** (XHL) - SLOTTED CEILING RUNNER - AS AN ALTERNATE TO THE CEILING RUNNER IN ITEM 1A, SLOTTED CEILING RUNNER TO CONSIST OF GALV STEEL CHANNEL WITH SLOTTED FLANGES SIZED TO ACCOMMODATE STEEL STUDS (ITEM 1B). SLOTTED CEILING RUNNER INSTALLED PERPENDICULAR TO DIRECTION OF FLUTED STEEL DECK AND SECURED TO VALLEYS WITH STEEL FASTENERS OR WELDS SPACED MAX 24 IN. (610mm) O.C.

- BRADY CONSTRUCTION INNOVATIONS INC. DBA SLIPTRACK SYSTEMS - SLIP-TRK
- CALIFORNIA EXPANDED METAL PRODUCTS CO - CST
- CLARKDRIEHR BUILDING SYSTEMS - TYPE SLT, SLT-H
- CONSOLIDATED FABRICATORS CORP. BUILDING PRODUCTS DIV - SDT250, SDT300
- MAKINO/WARE, DIV OF WARE INDUSTRIES INC - TYPE SLT
- METAL-LITE INC - THE SYSTEM
- OLMAR SUPPLY INC - SDT250, SDT300
- SCAFO STEEL STUD MANUFACTURING CO - SLOTTED TRACK
- TELLING INDUSTRIES L L C - TRUE-ACTION DEFLECTION TRACK

A2. **LIGHT GAUGE FRAMING*** (XHL) - VERTICAL DEFLECTION CEILING RUNNER - WHEN THE NOM JOINT WIDTH IS LESS THAN OR EQUAL TO 3/4 IN. (19mm), VERTICAL DEFLECTION CEILING RUNNER MAY BE USED AS AN ALTERNATE TO THE CEILING RUNNERS IN ITEMS 1A AND 1A1. VERTICAL DEFLECTION CEILING RUNNER TO CONSIST OF GALV STEEL CHANNEL WITH SLOTTED VERTICAL DEFLECTION CLIPS MECHANICALLY FASTENED WITHIN RUNNER. SLOTTED CLIPS PROVIDED WITH STEP BUSHINGS FOR PERMANENT FASTENING OF STEEL STUDS. FLANGES SIZED TO ACCOMMODATE STEEL STUDS (ITEM 1B). VERTICAL DEFLECTION CEILING RUNNER INSTALLED PERPENDICULAR TO DIRECTION OF FLUTED STEEL DECK AND SECURED TO VALLEYS WITH STEEL FASTENERS OR WELDS SPACED MAX 24 IN. (610mm) O.C.

- THE STEEL NETWORK INC - VERTITRACK VTD250, VTD362, VTD400, VTD600, VTD800

A3. **LIGHT GAUGE FRAMING*** (XHL) - NOTCHED CEILING RUNNER - AS AN ALTERNATE TO THE CEILING RUNNERS IN ITEMS 1A THROUGH 1A2, NOTCHED CEILING RUNNERS TO CONSIST OF C-SHAPED GALV STEEL CHANNEL WITH NOTCHED RETURN FLANGES SIZED TO ACCOMMODATE STEEL STUDS (ITEM 1B). NOTCHED CEILING RUNNER INSTALLED PERPENDICULAR TO DIRECTION OF FLUTED STEEL DECK AND SECURED TO VALLEYS WITH STEEL FASTENERS OR WELDS SPACED MAX 24 IN. (610mm) O.C.

- OLMAR SUPPLY INC - TYPE SCR

B. **STUDS** - STEEL STUDS TO BE MIN 3-1/2 IN. (69 mm) WIDE. STUDS CUT 3/4 IN. (19 mm) LESS IN LENGTH THAN ASSEMBLY HEIGHT WITH BOTTOM NESTING IN AND RESTING ON FLOOR RUNNER AND WITH TOP NESTING IN CEILING RUNNER WITHOUT ATTACHMENT. WHEN SLOTTED CEILING RUNNER (ITEM 1A1) IS USED, STEEL STUDS SECURED TO SLOTTED CEILING RUNNER WITH INCL. 8 BY 1/2 IN. (13 mm) LONG WAGON HEAD STEEL SCREWS AT MIDHEIGHT OF SLOT ON EACH SIDE OF WALL. WHEN VERTICAL DEFLECTION CEILING RUNNER (ITEM 1A2) IS USED, STEEL STUDS SECURED TO SLOTTED VERTICAL DEFLECTION CLIPS, THROUGH THE BUSHINGS, WITH STEEL SCREWS AT MIDHEIGHT OF EACH SLOT. STUD SPACING NOT TO EXCEED 24 IN. (610 mm) O.C.

C. **GYPSUM BOARD*** (CKXN) - MIN 5/8 IN. (16 mm) THICK GYPSUM BOARD SHEETS INSTALLED ON EACH SIDE OF WALL. WALL TO BE CONSTRUCTED AS SPURIAL WALL AND PARTITION DESIGN IN THE U.L. FIRE RESISTANCE DIRECTORY. EXCEPT THAT A MAX 1/2 IN. (38 mm) GAP SHALL BE MAINTAINED BETWEEN THE TOP OF THE GYPSUM BOARD AND THE BOTTOM OF THE STEEL DECK UNITS AND THE TOP ROW OF SCREWS SHALL BE INSTALLED INTO THE STUDS 3-1/2 TO 4 IN. (89 TO 102 mm) BELOW THE LOWER SURFACE OF THE FLOOR OR ROOF.

2. **NONRATED HORIZONTAL ASSEMBLY** - THE NONRATED HORIZONTAL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS DESCRIBED BELOW:

- A. **SUPPORTS (NOT SHOWN)** - STRUCTURAL STEEL OR OTHER MEMBERS SUPPORTING THE STEEL DECK.
- B. **STEEL DECK** - MAX 3 IN. (76 mm) DEEP BY MIN 20 MSG STEEL DECK FLUTED MAX 12 IN. (305 mm) ON CENTER. WELDED OR MECHANICALLY FASTENED TO SUPPORTS (ITEM 2A).
- C. **CONCRETE (NOT SHOWN, OPTIONAL)** - STEEL DECK MAY BE TOPPED WITH REINFORCED CONCRETE. THICKNESS OF CONCRETE MAY VARY.

3. **JOINT SYSTEM - MAX SEPARATION BETWEEN BOTTOM OF STEEL DECK AND TOP OF WALL ASSEMBLY AT TIME OF INSTALLATION OF JOINT SYSTEMS IS 1 1/2 IN. (38 mm). JOINT SYSTEM IS DESIGNED TO ACCOMMODATE A MAX 50 PERCENT COMPRESSION OR EXTENSION FROM ITS INSTALLED WIDTH. THE JOINT SYSTEM CONSISTS OF FORMING MATERIAL AND A FILL MATERIAL, AS FOLLOWS:**

A. **FORMING MATERIAL*** - NOM 4 PCF (64 kg/m³) DENSITY MINERAL WOOL BATT INSULATION CUT APPROX 25 PERCENT WIDER THAN THE FLUTES WITH A LENGTH APPROX EQUAL TO THE OVERALL THICKNESS OF THE WALL. MULTIPLE PIECES STACKED ON TOP OF EACH OTHER, AS NEEDED, AND THEN COMPRESSED 50 PERCENT IN THICKNESS AND INSERTED INTO THE FLUTES OF THE STEEL DECK ABOVE THE TOP OF THE CEILING RUNNER. THE MINERAL WOOL BATT INSULATION IS TO PROJECT BEYOND EACH SIDE OF THE CEILING RUNNER, FLUSH WITH WALL SURFACES. ADDITIONAL 1/4 IN. (32 mm) WIDE STRIPS OF NOM 4 PCF (64 kg/m³) MINERAL WOOL BATT INSULATION ARE TO BE CUT TO FILL THE GAP BETWEEN THE TOP OF THE GYPSUM BOARD AND BOTTOM OF THE STEEL DECK. THE STRIPS OF MINERAL WOOL ARE COMPRESSED 50 PERCENT AND TIGHTLY PACKED. CUT EDGE FIRST, INTO THE GAP BETWEEN THE TOP OF THE GYPSUM BOARD AND BOTTOM OF THE STEEL DECK ON BOTH SIDES OF THE WALL.

- ROCK WOOL MANUFACTURING CO - DELTA-BOARD
- ROCKWOOL - SAFE
- THERMAFIBER INC - TYPE SAF

A1. **FORMING MATERIAL* - PLUGS** - (OPTIONAL, NOT SHOWN) PREFORMED MINERAL WOOL PLUGS, FORMED TO THE SHAPE OF THE FLUTED FLOOR UNITS, FRICTION FIT TO COMPLETELY FILL THE FLUTES ABOVE THE CEILING CHANNEL. THE PLUGS SHALL PROJECT BEYOND EACH SIDE OF THE CEILING RUNNER, FLUSH WITH WALL SURFACES. ADDITIONAL FORMING MATERIAL, DESCRIBED IN ITEM 3A2, TO BE USED IN CONJUNCTION WITH THE PLUGS TO FILL THE GAP BETWEEN THE TOP OF GYPSUM BOARD AND BOTTOM OF STEEL DECK.

- HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - CP 777 SPEED PLUGS

A2. **FORMING MATERIAL* - STRIPS** - (OPTIONAL) - NOM 1 1/4 IN. (16 OR 32 mm) WIDE PRECUT MINERAL WOOL STRIPS. THE STRIPS ARE COMPRESSED 50 PERCENT AND FIRMLY PACKED. CUT EDGE FIRST, INTO THE GAP BETWEEN THE TOP OF THE GYPSUM BOARD AND BOTTOM OF THE STEEL DECK ON BOTH SIDES OF THE WALL.

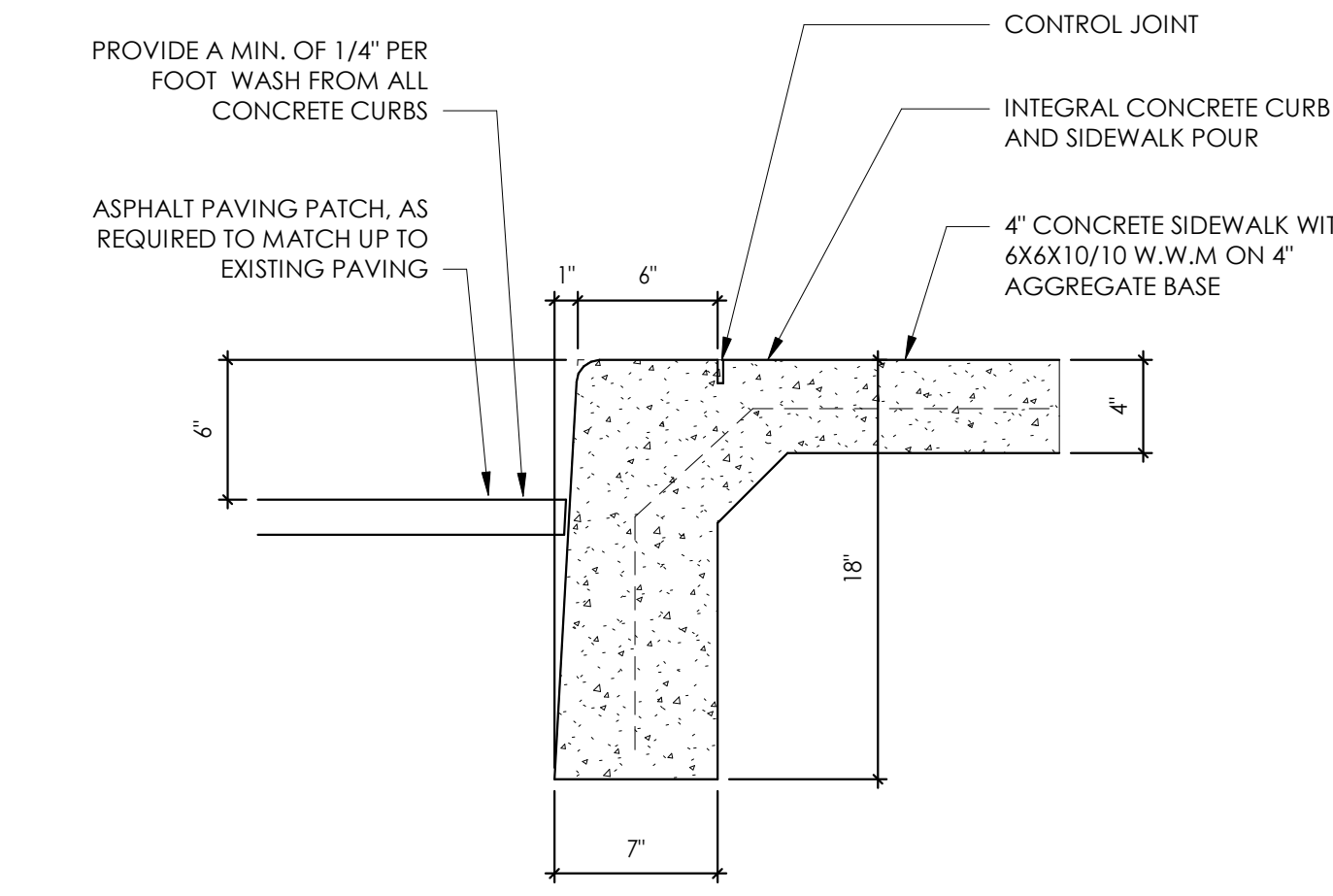
- HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - CP 767 SPEED STRIPS

B. **FILL VOID OR CAVITY MATERIAL*** - MIN 1 1/4 IN. (1.6 mm) DRY THICKNESS (1/8 IN. OR 3.2 mm WET THICKNESS) OF FILL MATERIAL SPRAYED OR TROWELED ON EACH SIDE OF THE WALL TO COMPLETELY COVER MINERAL WOOL FORMING MATERIAL AND TO OVERLAP A MIN OF 1/2 IN (13 mm) ONTO GYPSUM BOARD AND STEEL DECK ON BOTH SIDES OF WALL.

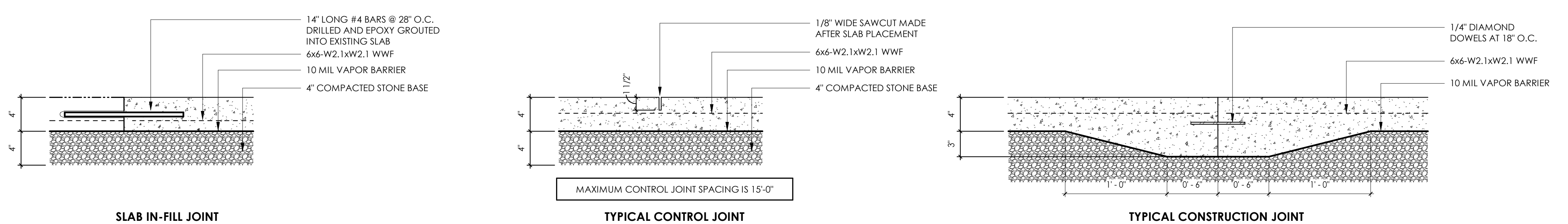
- HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - CFS-SP WB FIRESTOP JOINT SPRAY

* BEARING THE UL CLASSIFICATION MARKING

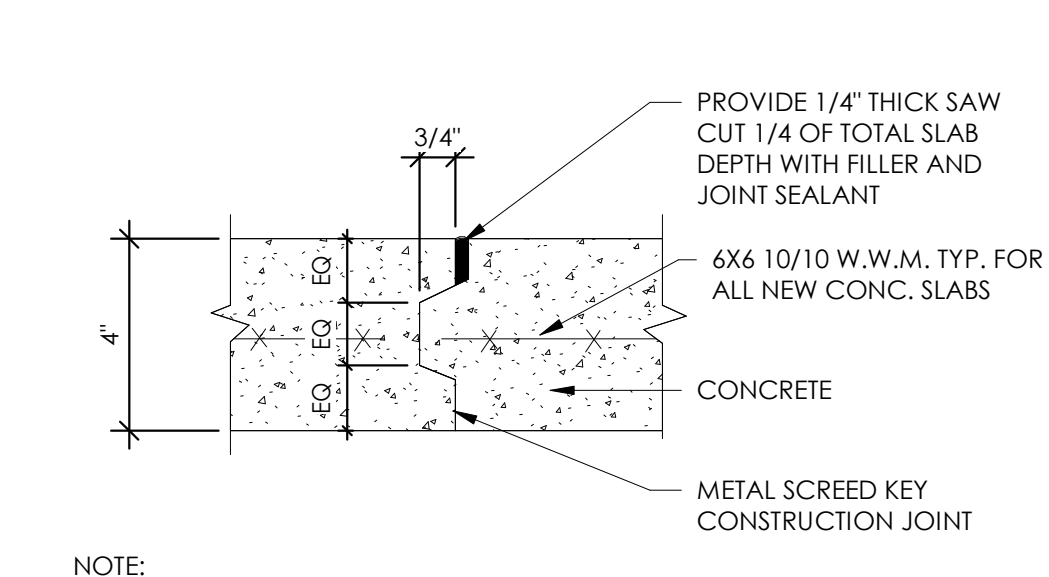
U.L. Design CJ-D-0004
SCALE: 1 1/2" = 1'-0"



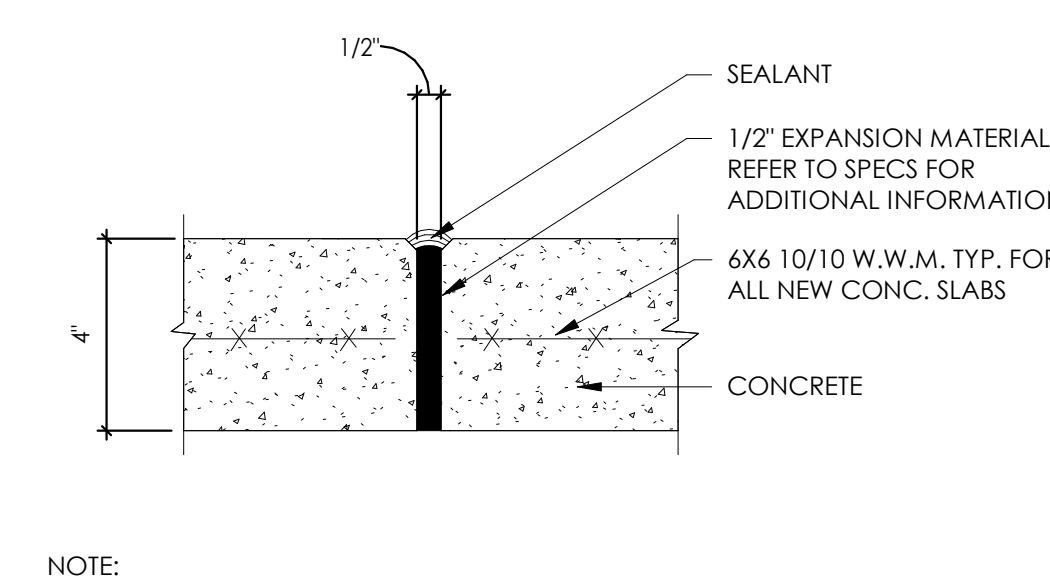
Detail - Concrete Curb @ Paved Lanes
SCALE: 1 1/2" = 1'-0"



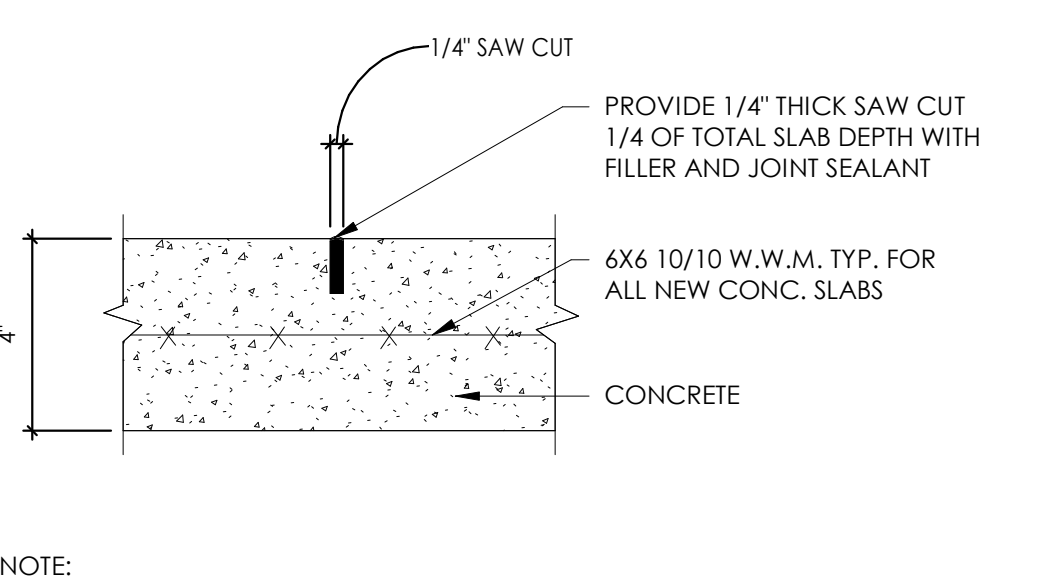
Detail - Interior Concrete Flatwork
SCALE: 1 1/2" = 1'-0"



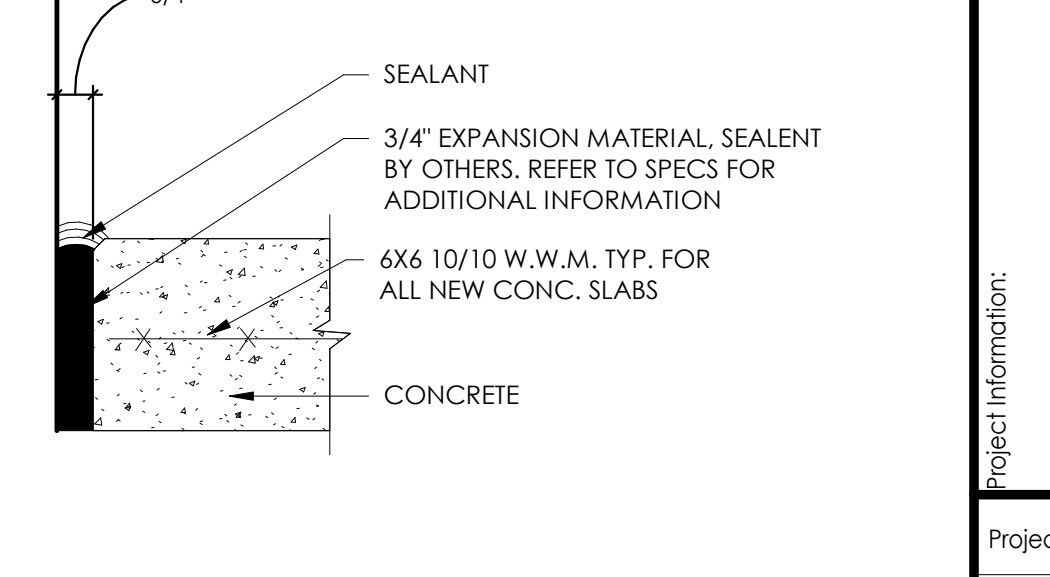
NOTE: CONSTRUCTION JOINTS SHALL OCCUR BETWEEN SEPARATE CONC. POURS



NOTE: EXPANSION JOINT (EJ) SHALL OCCUR AS LOCATED ON SIDEWALK PLANS, OR AT A MAX. OF 30'-0" O.C.



NOTE: CONTROL JOINTS(CJ) SHALL OCCUR AT A MAX. OF 6'-0" O.C., IN BOTH DIRECTIONS. A MIN. OF ONE CONTROL JOINT SHALL OCCUR AT ALL BUILDING CORNERS, PIERS, AND WHERE SIDEWALK MATERIAL CHANGE.



EXPANSION JOINT AT EXTERIOR WALL

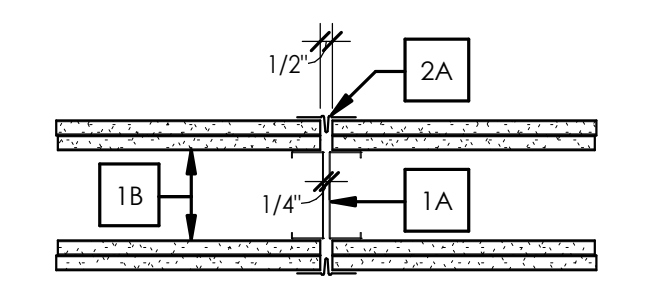
Detail - Exterior Concrete Flatwork
SCALE: 3" = 1'-0"

Mark	Detail	Description
A		6' 2" gage metal studs at 24" on center full height with one (1) layer 5/8" Type 'X' gypsum board full height one (1) side with Level 1 finish. One (1) layer full height 5/8" Type 'X' on Unit 900 side by Tenant.
B		3 5/8" 20 gage metal studs at 16" on center full height with one (1) layer 5/8" Type 'X' gypsum board full height both sides and end with Level 1 finish.

Received Development Services
January 14, 2021
CITY OF PUYALLUP

NOTE:
THIS DETAIL IS TYPICAL CONTROL JOINTS A FIRE-RATED WALL ASSEMBLY.

F RATINGS - 1 AND 2 HR
NOMINAL JOINT WIDTH - 1 1/2 INCH
CLASS II OR III MOVEMENT CAPABILITIES - 100% COMPRESSION OR EXTENSION



1. **WALL ASSEMBLY** - THE 1 OR 2 HR. FIRE RATED GYPSUM WALLBOARD/STEEL STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGNS IN THE U.L. FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES.

- A. **STUDS** - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED 16" O.C. STEEL STUDS TO BE MIN. 3-5/8" WIDE AND SPACED MAX 24" O.C.
- B. **WALLBOARD, GYPSUM*** - WALLBOARD SHEETS TO BE INSTALLED TO A MIN TOTAL THICKNESS OF 5/8 OR 1-1/4 IN. ON EACH SIDE OF THE WALL FOR A 1 OR 2 HOUR RATED ASSEMBLY, RESPECTIVELY. THE HOURLY FIRE RATING OF THE JOINT SYSTEM IS DEPENDENT ON THE HOURLY FIRE RATING OF THE WALL.

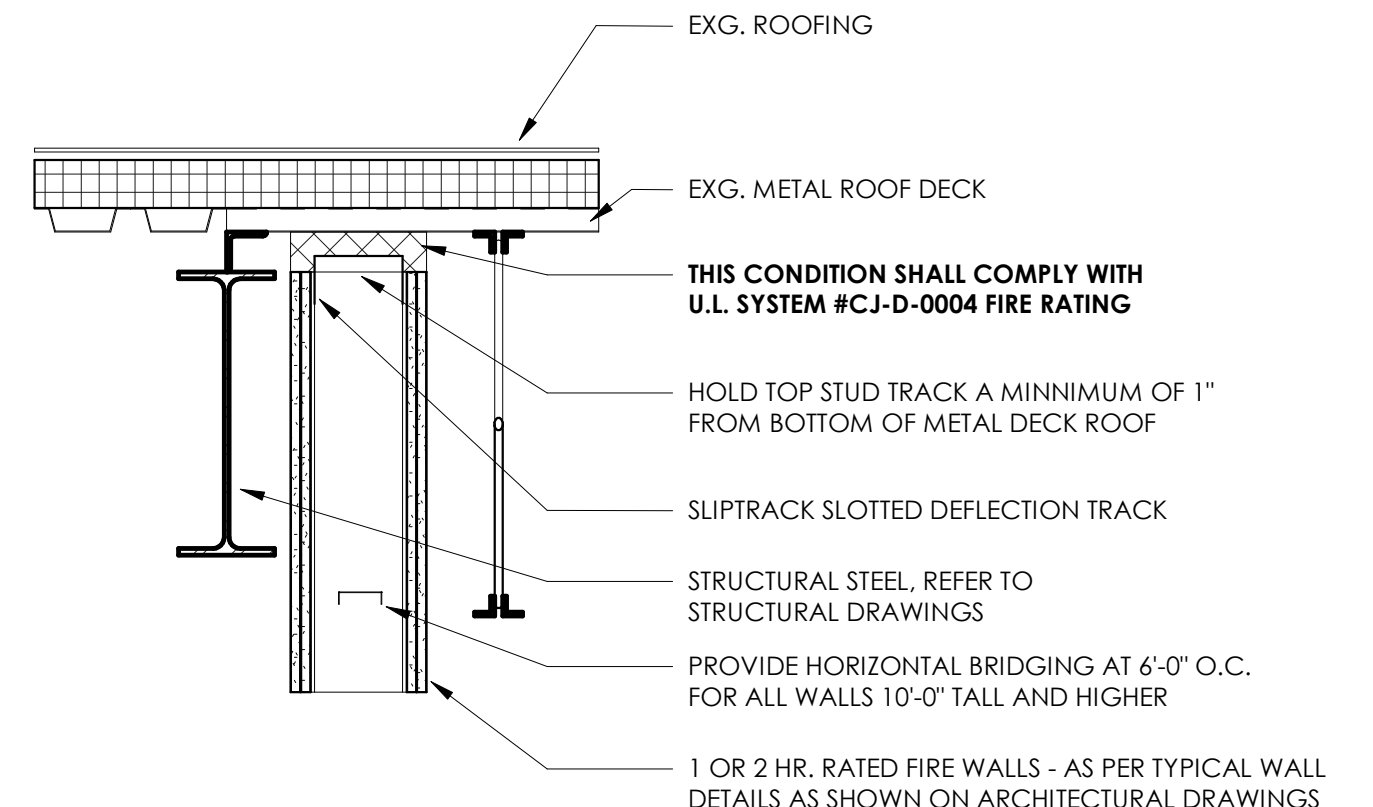
2. **JOINT SYSTEM** - MAX WIDTH OF JOINT (AT TIME OF INSTALLATION OF JOINT SYSTEM) IS 1 1/2 IN. (13mm) MEASURED BETWEEN THE FACE BOARDS OF THE GYPSUM (ITEM 1B OR A MAX OF 1/4 IN. (6mm) MEASURED BETWEEN THE STUDS ITEM 1A). THE JOINT SYSTEM IS DESIGNED TO ACCOMMODATE A MAX 15 PERCENT COMPRESSION AND EXTENSION FROM ITS INSTALLED WIDTH.

- A. **MECHANICAL JOINT ASSEMBLY*** - FIRE BARRIER MATERIAL ADHERED TO CORRUGATED METAL OR PLASTIC AND PROVIDED WITH FLANGES OF THE SAME MATERIAL. ASSEMBLY TO BE INSTALLED ON BOTH SIDES OF WALL IN ACCORDANCE WITH THE INSTALLATION INSTRUCTIONS PROVIDED WITH THE PRODUCT.

- CALIFORNIA EXPANDED METAL PRODUCTS CO - FAS-093X, FAS 093X V
- TRIM-TEX INC - TRIM TEX-093X-V

* BEARING THE UL CLASSIFICATION MARKING

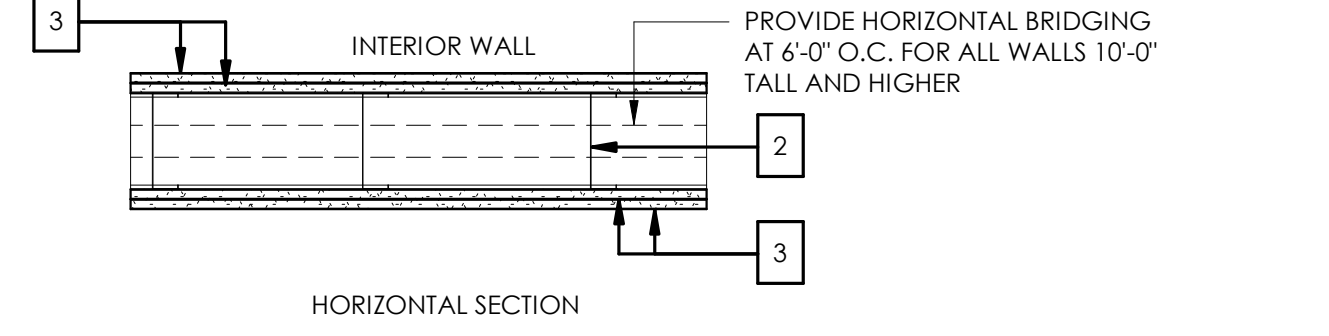
U.L. Design WW-D-0172
SCALE: N.T.S



Detail - Typical Joint System @ Top of Rated Walls
SCALE: 1" = 1'-0"

NOTE:
THIS WALL ASSEMBLY TYPICAL FOR 1-HOUR FIRE RATED BARRIER WALLS OR PARTITIONS OF TENANTS, OR 2-HOUR FIRE RATED WALLS AS SHOWN ON PLANS.

DESIGN NO. U419
NON-BEARING WALL RATINGS - 1, 2, 3 OR 4 HRS. (SEE ITEMS 3 & 4)



- 1. FLOOR AND CEILING RUNNERS (NOT SHOWN), CHANNEL SHAPED, FABRICATED FROM MIN. 20 MSG CORROSION - PROTECTED STEEL WITH MIN. 1" LENS, ATTACHED TO FLOOR AND CEILING WITH FASTENERS 24" O.C., MAX.
- 2. STEEL - STUDS CHANNEL SHAPED FROM MIN. 20 MSG CORROSION - PROTECTED STEEL. MIN. WIDTH AS INDICATED IN ITEM #4. STUDS SPACED AT MAX. OF 24" O.C.
- 3. WALL BOARD, GYPSUM* - GYPSUM PANELS WITH BEVELED, SQUARE, OR TAPERED EDGES, APPLIED VERTICALLY OR HORIZONTALLY, VERTICAL JOINTS CENTERED OVER STUDS, AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF THE STUDS. VERTICAL JOINTS IN MULTILAYER SYSTEMS SHALL BE STAGGERED ONE STUD CAVITY. HORIZONTAL EDGE JOINTS AND BUTT JOINTS ON OPPOSITE SIDES OF STUDS NEED NOT TO BE STAGGERED. HORIZONTAL EDGE JOINTS AND BUTT JOINTS IN MULTILAYER SYSTEMS SHALL BE STAGGERED A MIN. OF 12 INCHES. TOTAL GYPSUM THICKNESS SHALL BE AS FOLLOWS:

RATING	MIN. STUD DEPTH	# OF GYPBD. LAYERS
1 HR.	2 1/2"	1 LAYER 5/8"
2 HRS.	3 1/2"	2 LAYERS, 5/8" EACH
3 HRS.	6"	2 LAYERS, 3/4" EACH

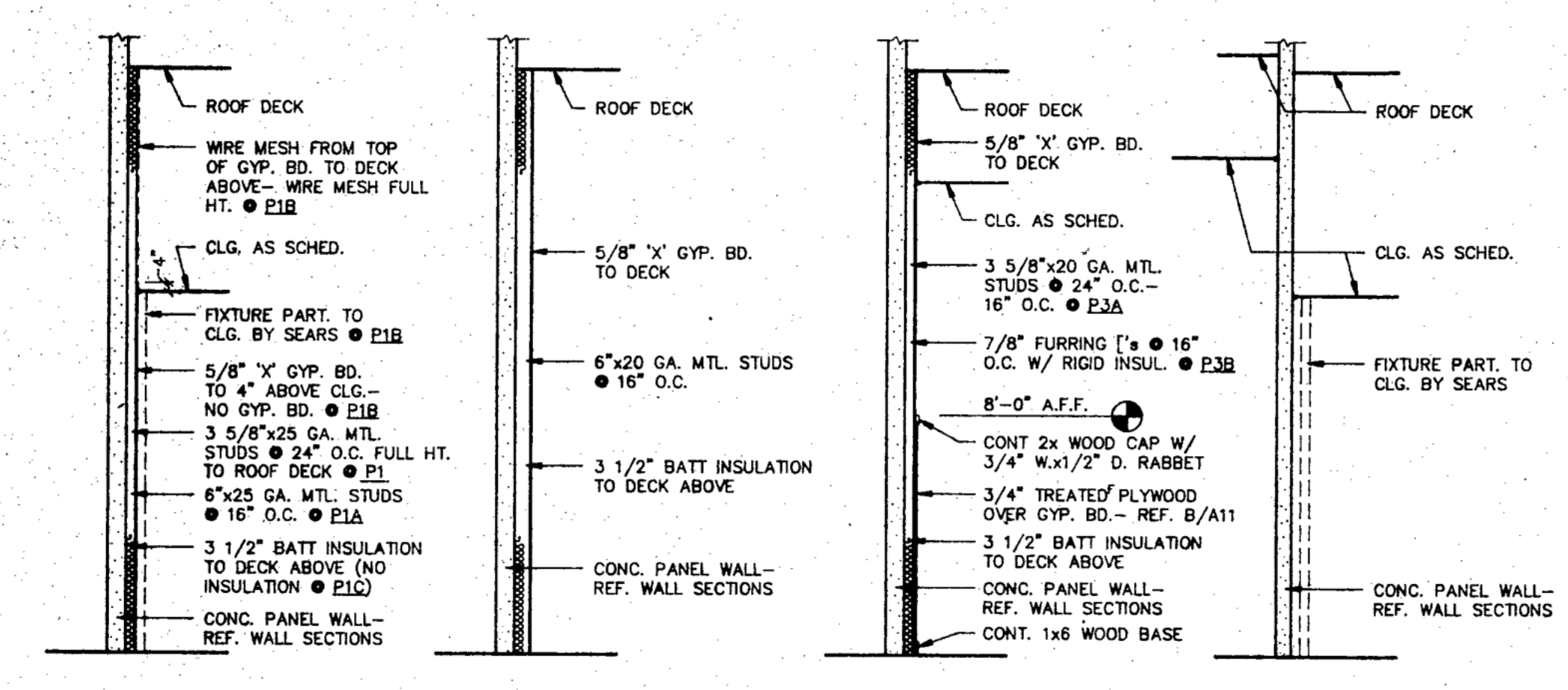
U.S. GYPSUM CO. - 5/8" THICK TYPE SCX, SHX, WRX, IP-X1, AR, C, WRC, OR IP-X2.
3/4" THICK TYPE IP-X3 OR ULTRACODE.

- 4. FASTENERS (NOT SHOWN) - TYPE S OR S-12 STEEL SCREWS USED TO ATTACH PANELS TO STUDS. SINGLE LAYER SYSTEMS - 1" LONG FOR 5/8" THICK PANELS, SPACED 8" O.C. WHEN PANELS ARE APPLIED HORIZONTALLY, AND 12" O.C. WHEN APPLIED VERTICALLY. TWO LAYER SYSTEMS - FIRST LAYER, 1" LONG FOR 5/8" THICK PANELS, OR 1 1/4" LONG FOR 3/4" THICK PANELS, SPACED 16" O.C., SECOND LAYER, 1 5/8" LONG FOR 5/8" THICK PANELS, OR 2 1/4" LONG FOR 3/4" THICK PANELS, SPACED 16" O.C., WITH SCREWS OFFSET FROM 8" FROM FIRST LAYER.
- 5. FURRING CHANNELS (OPTIONAL, NOT SHOWN)

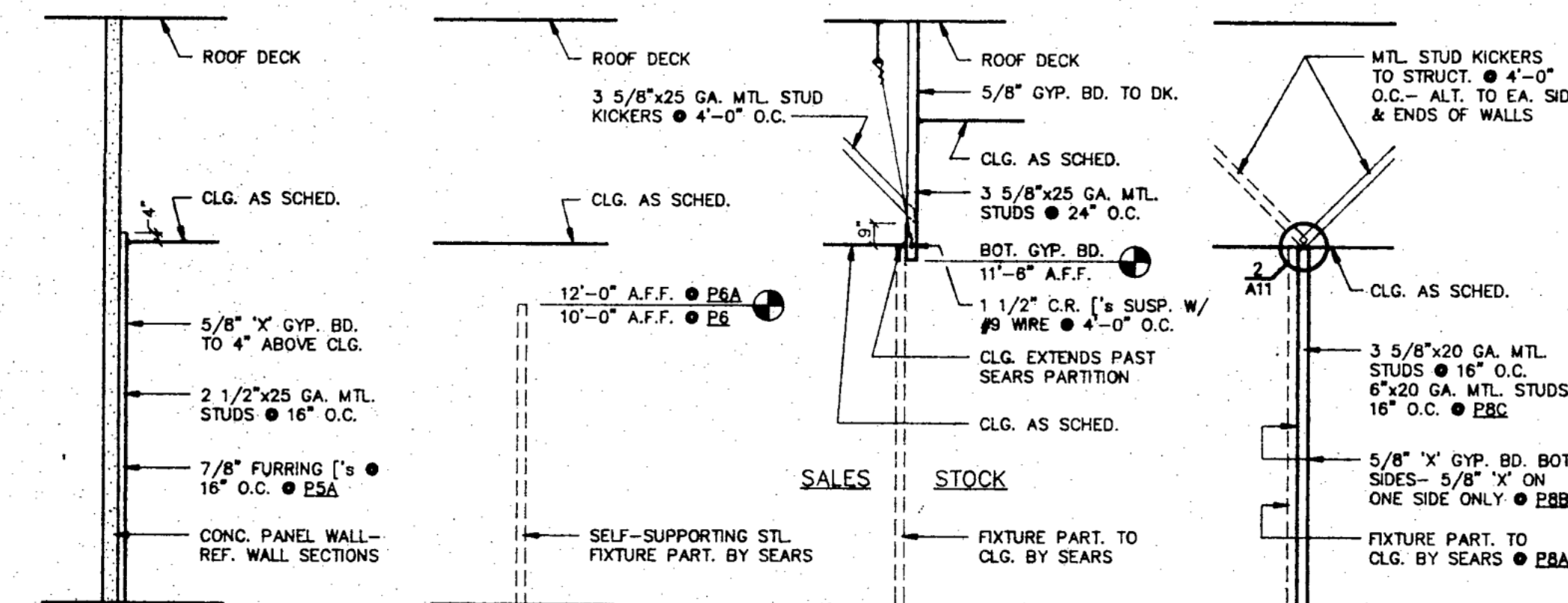
6. JOINT TAPE AND COMPOUND (NOT SHOWN) - VINYL OR CASEIN, DRY OR PREMIXED JOINT COMPOUND APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS OF OUTER LAYERS, PAPER TAPE, NOM. 2" WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS OF OUTER PANELS.

* BEARING THE UL CLASSIFICATION MARKING

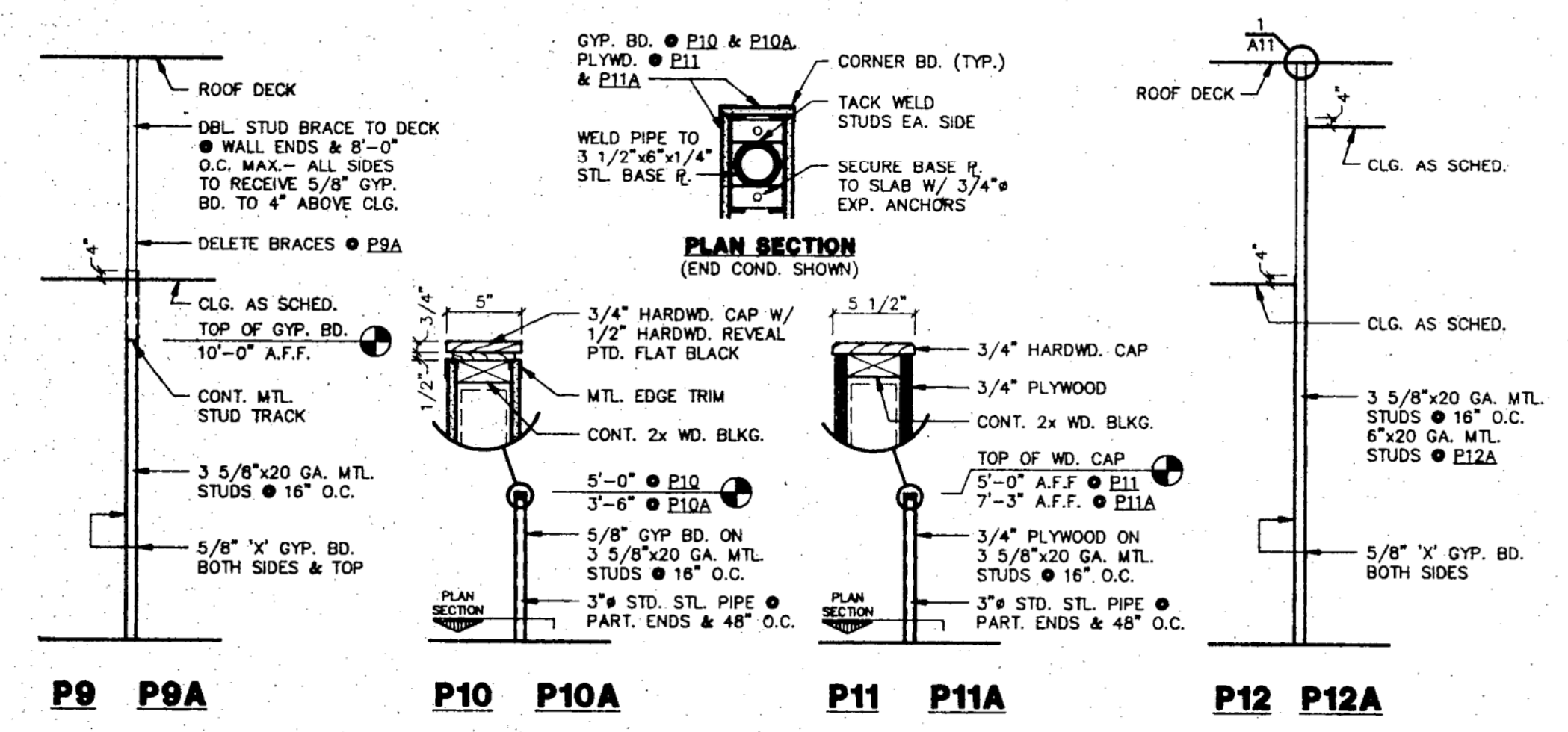
U.L. Design No. U419
SCALE: 1" = 1'-0"



Existing Partition Schedule
SCALE: None



Existing Partition Schedule
SCALE: None



Existing Partition Schedule
SCALE: None

Est. 1949
CAFARO
Commercial & Industrial
Real Estate Developers
5577 Youngtown - Warren Road
Niles, Ohio 44444
Phone: 330.747.2641

REGISTERED ARCHITECT
RICHARD PARTIKA
STATE OF WASHINGTON

ARCHITECT:
RRP
RICK PARTIKA, AIA
5577 Youngtown - Warren Road
Niles, Ohio 44444
E-Mail: rpartika@rrpcompany.com

DATE: 01-08-2021
SCALE: AS SHOWN
BY: TGE

REVISIONS
NO. DATE DESCRIPTION
1 01-08-2021 Revision

WALL TYPE SCHEDULES AND U.L. AND SLAB DETAILS

PROJECT INFORMATION:
Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373

Project No.: 062-900
Date: 01-08-2021
Drawn By: TGE
Checked By: RP

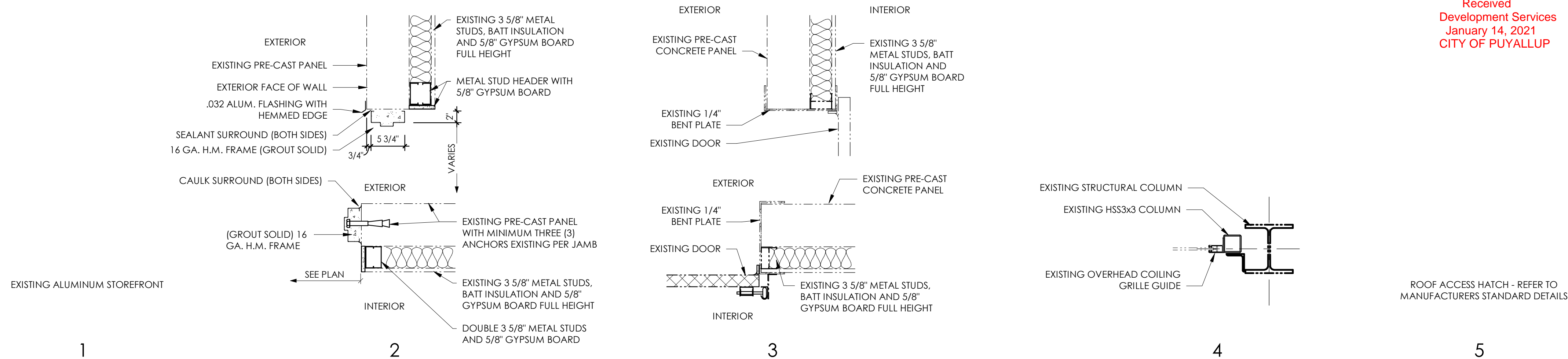
A-600

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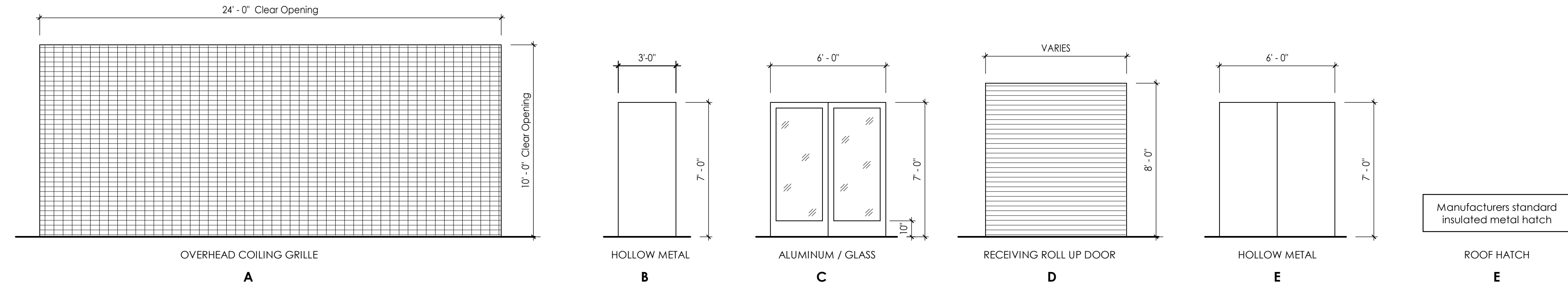
NOTES TO DOORS & FRAMES

- ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE SIDE FROM WHICH EGRESS IS MADE WITHOUT THE USE OF A KEY, OR SPECIAL KNOWLEDGE, OR EFFORT.
- DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34" MIN. AND 48" MAX ABOVE THE FINISHED FLOOR.
- THE MAXIMUM FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE SLBF.
- ALL LOCKSET, PRIVACY SET, AND PASSAGE SET LOCKS SHALL BE LEVER-TYPE HANDLES COMPLYING WITH ALL HANDICAP ACCESSIBILITY REQUIREMENTS. ALL OPERATING DEVICES ON DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE.
- THRESHOLDS AT DOORS SHALL NOT EXCEED 1/2" WITH NO MORE THAN 1/4" BEING A DIRECT VERTICAL CHANGE. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
- IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.
- PAINT ALL METAL DOORS AND FRAMES TO MATCH ADJACENT WALL SURFACE.
- FRONT AND REAR DOORS TO BE LOCKED AT ALL TIMES DURING CONSTRUCTION.
- ALL HARDWARE SHALL BE HEAVY-DUTY GRADE.

NO.	EXISTING	OPENING			FRAME				DOOR				HARDWARE							COMMENTS	MARK					
		WIDTH	HEIGHT	THICKNESS	FROM	TO	MATERIAL	FINISH	KEY	TYPE	MATERIAL	FINISH	KEY	TYPE	GLASS	FIRE RATING	HARDWARE GROUP	CONTINUOUS HINGE CLOSER	CYLINDER(EXT/INT)			PADLOCK	DOOR STOPS	PANIC HARDWARE	THRESHOLD	WEATHERSTRIPPING
Mall Tenant Electric Rm																										
999-01	No	3'-0"	7'-0"	0'-1 3/4"	Mall Tenant Electric Rm	Exterior	HOL_MTL	P-1	2	INSULATED MTL	P-1	B	N/A	---	2											999-01
999-02	No	3'-0"	7'-0"	0'-1 3/4"	Mall Tenant Electric Rm	Exterior	HOL_MTL	P-1	2	INSULATED MTL	P-1	B	N/A	---	2											999-02
999-03	No	2'-6"	3'-0"	0'-1 1/2"	Mall Tenant Electric Rm	Roof	---	N/A	5	INSULATED MTL	N/A	F	N/A	---	3											999-03
Round One																										
900-01	Yes	24'-0"	12'-4"	0'-0 3/8"	Round One	Mall Concourse	EXISTING	EXISTING	4	EXISTING	EXISTING	A	N/A	---	1											900-01
900-02	Yes	3'-0"	7'-0"	0'-1 3/4"	Round One	Exterior	EXISTING	EXISTING	2	EXISTING	EXISTING	B	N/A	---	1											900-02
900-03	Yes	3'-0"	7'-0"	0'-1 3/4"	Round One	Round One	EXISTING	EXISTING	2	EXISTING	EXISTING	B	N/A	---	1											900-03
900-04	Yes	6'-0"	7'-0"	0'-1 3/4"	Round One	Exterior	EXISTING	EXISTING	1	EXISTING	EXISTING	C	EXISTING	---	1											900-04
900-05	Yes	6'-0"	7'-0"	0'-1 3/4"	Round One	Exterior	EXISTING	EXISTING	1	EXISTING	EXISTING	C	EXISTING	---	1											900-05
900-06	No	6'-0"	7'-0"	0'-1 3/4"	Round One	Exterior	HOL_MTL	P-1	2	INSULATED MTL	P-1	E	N/A	---	4											900-06
900-07	Yes	7'-4"	8'-0"	0'-0 1/2"	Round One	Exterior	EXISTING	EXISTING	3	EXISTING	EXISTING	D	N/A	---	1											900-07
900-08	Yes	7'-4"	8'-0"	0'-0 1/2"	Round One	Exterior	EXISTING	EXISTING	3	EXISTING	EXISTING	D	N/A	---	1											900-08
900-09	Yes	7'-4"	8'-0"	0'-0 1/2"	Round One	Exterior	EXISTING	EXISTING	3	EXISTING	EXISTING	D	N/A	---	1											900-09
900-10	Yes	6'-0"	8'-0"	0'-0 1/2"	Round One	Exterior	EXISTING	EXISTING	3	EXISTING	EXISTING	D	N/A	---	1											900-10
900-11	Yes	3'-0"	7'-0"	0'-1 3/4"	Round One	Exterior	EXISTING	EXISTING	2	EXISTING	EXISTING	B	N/A	---	1											900-11



Door Frame Types
SCALE: 1" = 1'-0"



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

Received
Development Services
January 14, 2021
CITY OF PUYALLUP

Developed by:
CAFARO
Commercial & Industrial
Real Estate Developers
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Revision	Issue	Date	By
01-08-2021	TCE		
	Issue		
	Discipline		

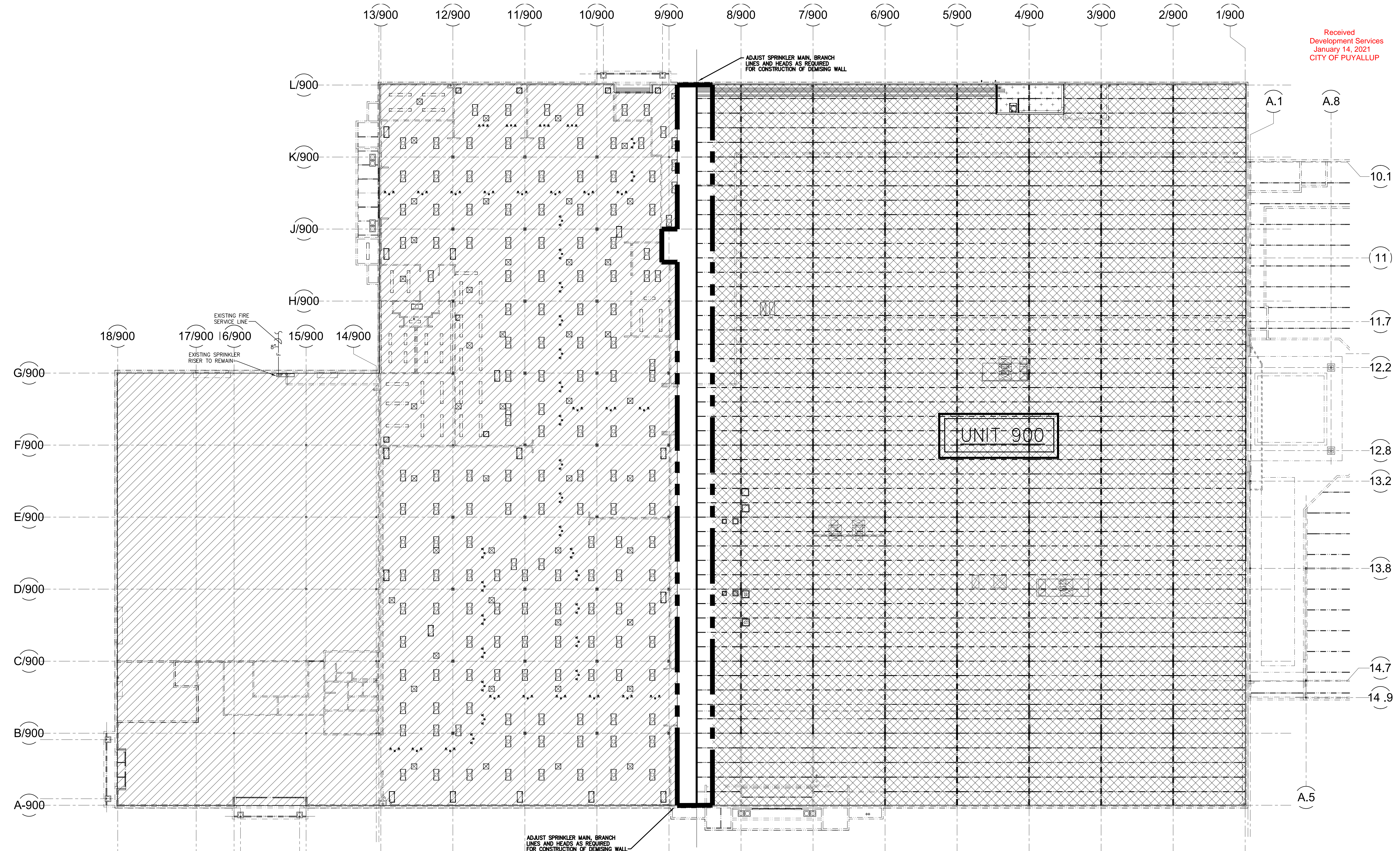
DOOR SCHEDULE AND DETAILS

Project Information:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373

Project No.: 062-900
Date: 01-08-2021
Drawn By: TCE
Checked By: RP

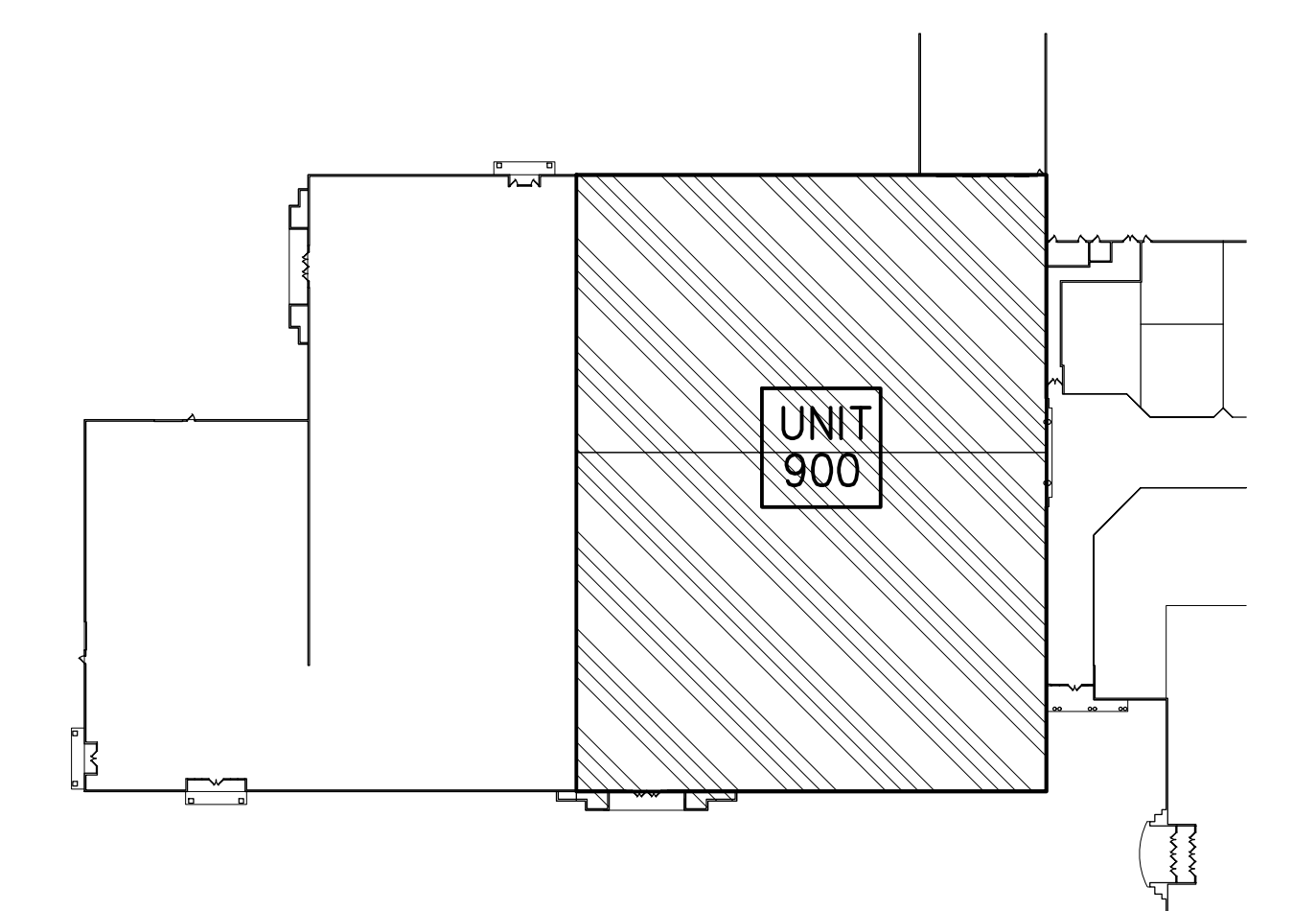
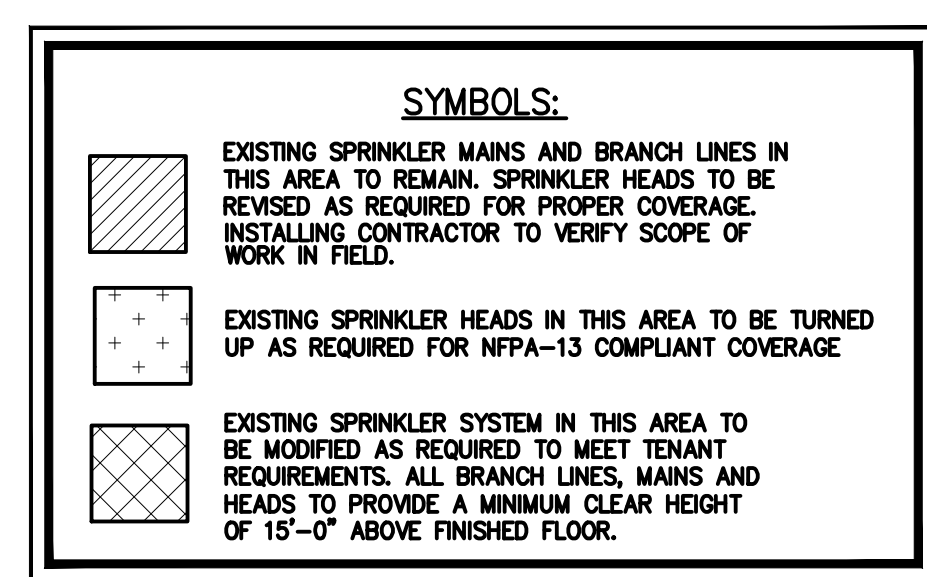
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1/18/2019 4:27:02 PM E:\Department\AEC\City\Properties\South Hill Mall\Architecture & Engineering\Tenant\Project\Unit 900 - 2019 Round One\Drawings\2-900 Architect



Composite Ceiling Plan - Fire Protection
SCALE: 1/16" = 1'-0"

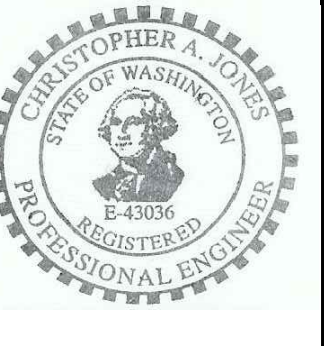
- SPRINKLER NOTES**
1. SPRINKLER SYSTEM IS AN EXISTING SYSTEM. SPRINKLER CONTRACTOR TO REVISE EXISTING SYSTEM AS REQUIRED TO MEET ALL NFPA REQUIREMENTS AND ALL INSURANCE REQUIREMENTS OF OWNER.
 2. NUMBER OF HEADS, ROUTE OF PIPE, SIZE OF PIPE IS THE RESPONSIBILITY OF SPRINKLER CONTRACTOR.
 3. SEE ARCHITECTURAL DRAWINGS FOR CONSTRUCTION DETAILS, TYPE OF CONSTRUCTION AND HEIGHT OF AREAS.
 4. COORDINATE ALL LINES WITH ELECTRICAL, PLUMBING AND MECHANICAL CONTRACTORS.
 5. SEE ARCHITECTURAL DRAWINGS FOR TOTAL SQUARE FOOTAGE AND CODE INFORMATION.
 6. ALL PIPE FITTINGS AND HANGERS TO BE UL-FM APPROVED AND IN STRICT ACCORDANCE WITH NFPA 13.
 7. EXISTING SPRINKLER SYSTEM IS IN PLACE WITHIN BUILDING. CONTRACTOR TO ADJUST HEADS AND LINES AS NECESSARY FOR NEW CONSTRUCTION. CONTRACTOR TO INSTALL NEW AND/OR MODIFY EXISTING MAINS AND BRANCH LINES AS NECESSARY TO MEET ALL TENANT AND LANDLORD REQUIREMENTS AND ALL APPLICABLE DOCUMENTS, CODES AND REGULATIONS.
 8. UNDER THIS CONTRACT/SCOPE OF WORK SPRINKLER CONTRACTOR TO PROVIDE A FULLY FUNCTIONAL AND COMPLIANT AUTOMATIC SPRINKLER SYSTEM WITH UPRIGHT SPRINKLER HEADS THROUGHOUT ENTIRETY OF DEMISED AREA.



KEY PLAN
SCALE: N/A

Received
Development Services
January 14, 2021
CITY OF PUYALLUP

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Revision	n. No.	Date	Issued by
01 (06/21)	C.A.J.		
02 (06/21)	C.A.J.		
03 (06/21)	C.A.J.		
04 (06/21)	C.A.J.		
05 (06/21)	C.A.J.		
06 (06/21)	C.A.J.		
07 (06/21)	C.A.J.		
08 (06/21)	C.A.J.		
09 (06/21)	C.A.J.		
10 (06/21)	C.A.J.		
11 (06/21)	C.A.J.		
12 (06/21)	C.A.J.		
13 (06/21)	C.A.J.		
14 (06/21)	C.A.J.		
15 (06/21)	C.A.J.		
16 (06/21)	C.A.J.		
17 (06/21)	C.A.J.		
18 (06/21)	C.A.J.		
19 (06/21)	C.A.J.		
20 (06/21)	C.A.J.		
21 (06/21)	C.A.J.		
22 (06/21)	C.A.J.		
23 (06/21)	C.A.J.		
24 (06/21)	C.A.J.		
25 (06/21)	C.A.J.		
26 (06/21)	C.A.J.		
27 (06/21)	C.A.J.		
28 (06/21)	C.A.J.		
29 (06/21)	C.A.J.		
30 (06/21)	C.A.J.		

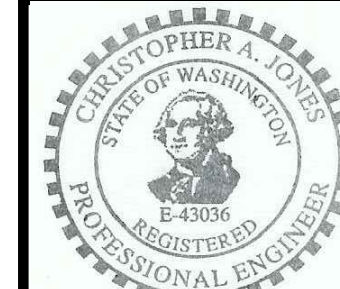
Project Information:
Project No.: 062-900
Date: 12-03-19
Drawn By: KAN
Checked By: C.A.J.

Sheet Title:
COMPOSITE CEILING PLAN - FIRE PROTECTION
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3300 S. Meridian St
Puyallup, WA 98373
FP-200

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Development Services
January 14, 2021
CITY OF PUYALLUP

Est. 1949
CAFARO
Commercial & Industrial
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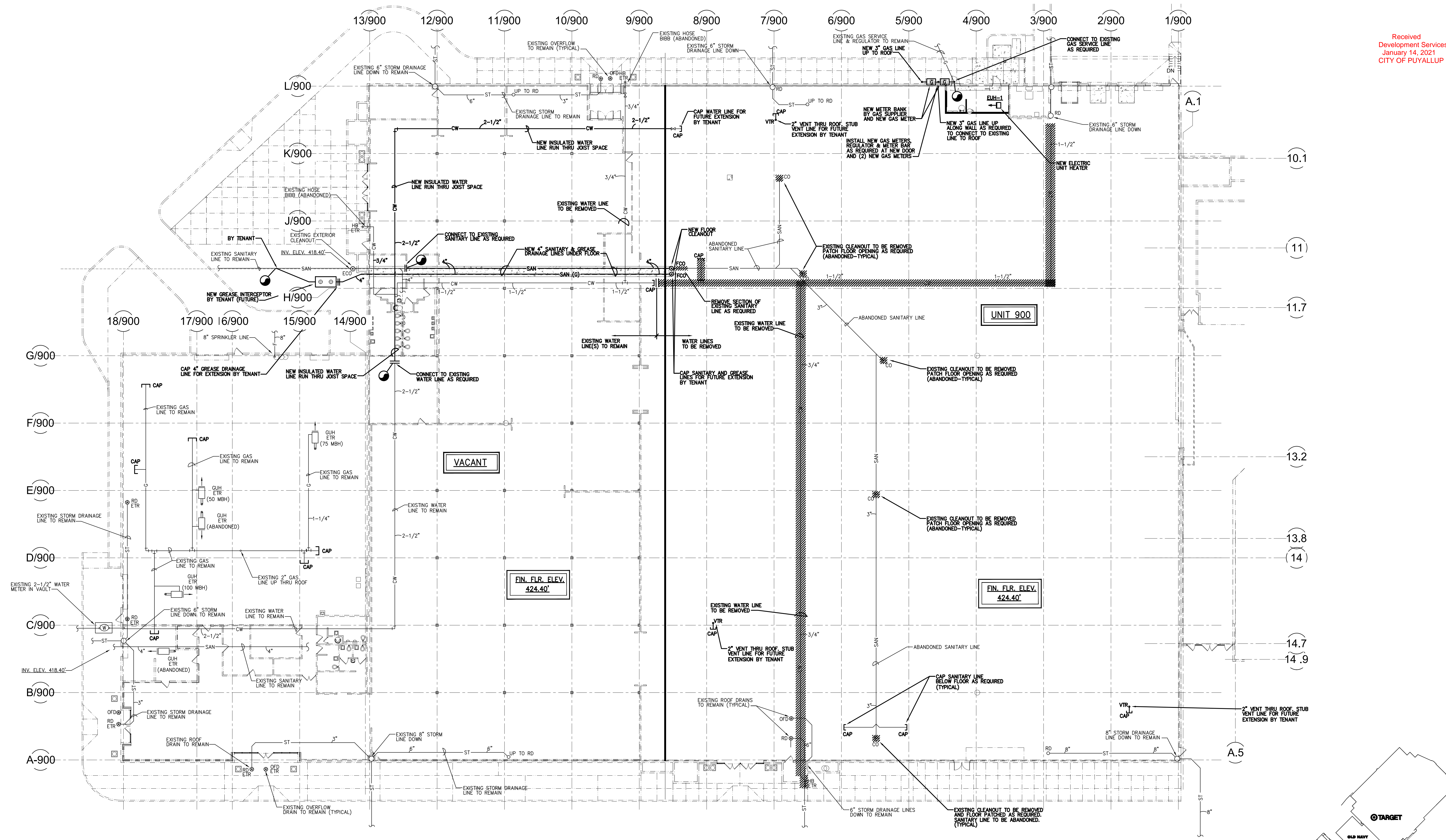
Revision	By	Date	Description
01	CAJ	01/05/21	ISSUED FOR PERMITS
02	CAJ	01/05/21	ISSUED FOR PERMITS

COMPOSITE FLOOR PLAN - MECHANICAL/PLUMBING

SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3500 S. Meridian St
Puyallup, WA 98373

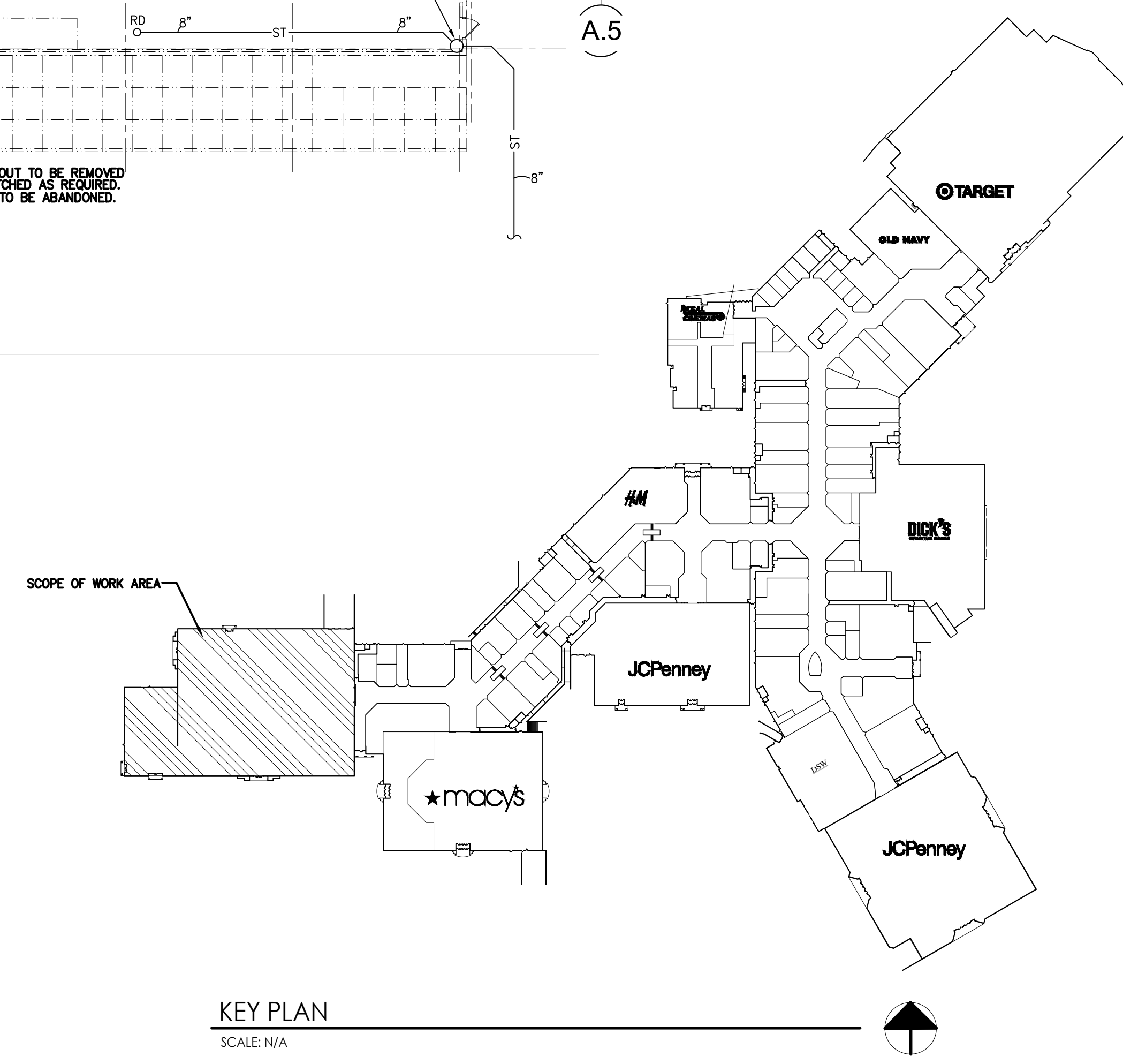
Project No.: 062-900
Date: 12-03-19
Drawn By: KAN
Checked By: CAJ

MP-100



Composite Floor Plan - Mechanical/Plumbing
SCALE: 1/16" = 1'-0"

NOTE:
SANITARY SLOPE TO BE A MINIMUM OF 1/4" PER FOOT, PER UBC.



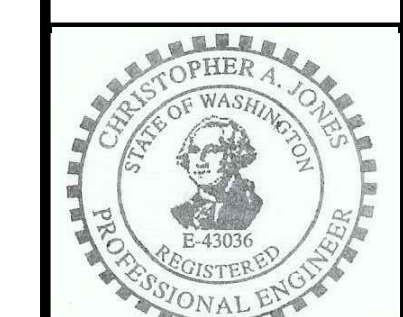
KEY PLAN
SCALE: N/A

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Received
Development Services
January 14, 2021
CITY OF PUYALLUP

Est. 1949
CAFARO
Commercial & Industrial
Real Estate Developers



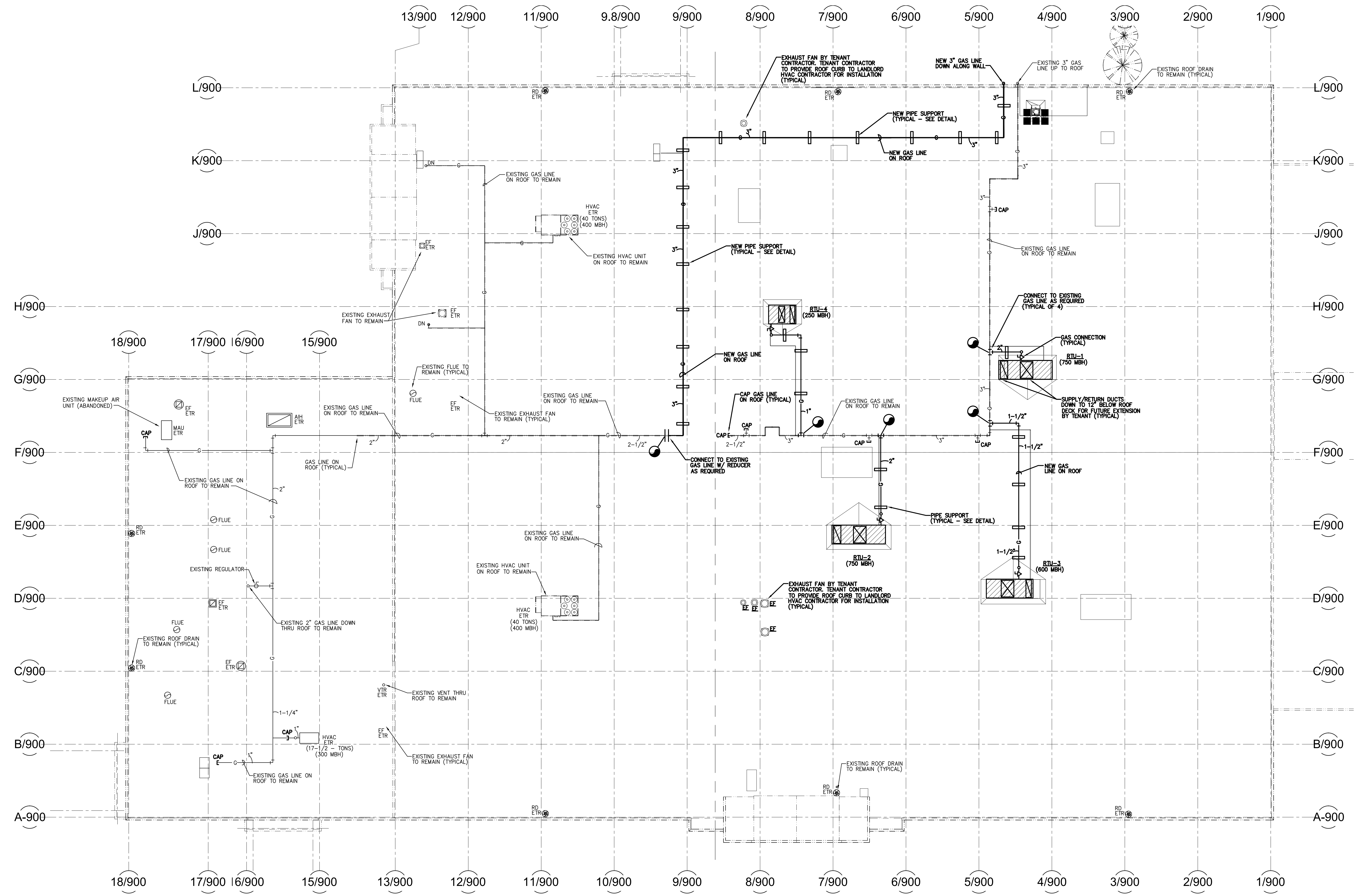
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Revised	By	Date	Description
01.08.21	CAJ		ISSUED FINAL

Project Information:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3500 S. Westside St
Puyallup, WA 98373

Project No.: 062-900
Date: 12-03-19
Drawn By: KAN
Checked By: CAJ

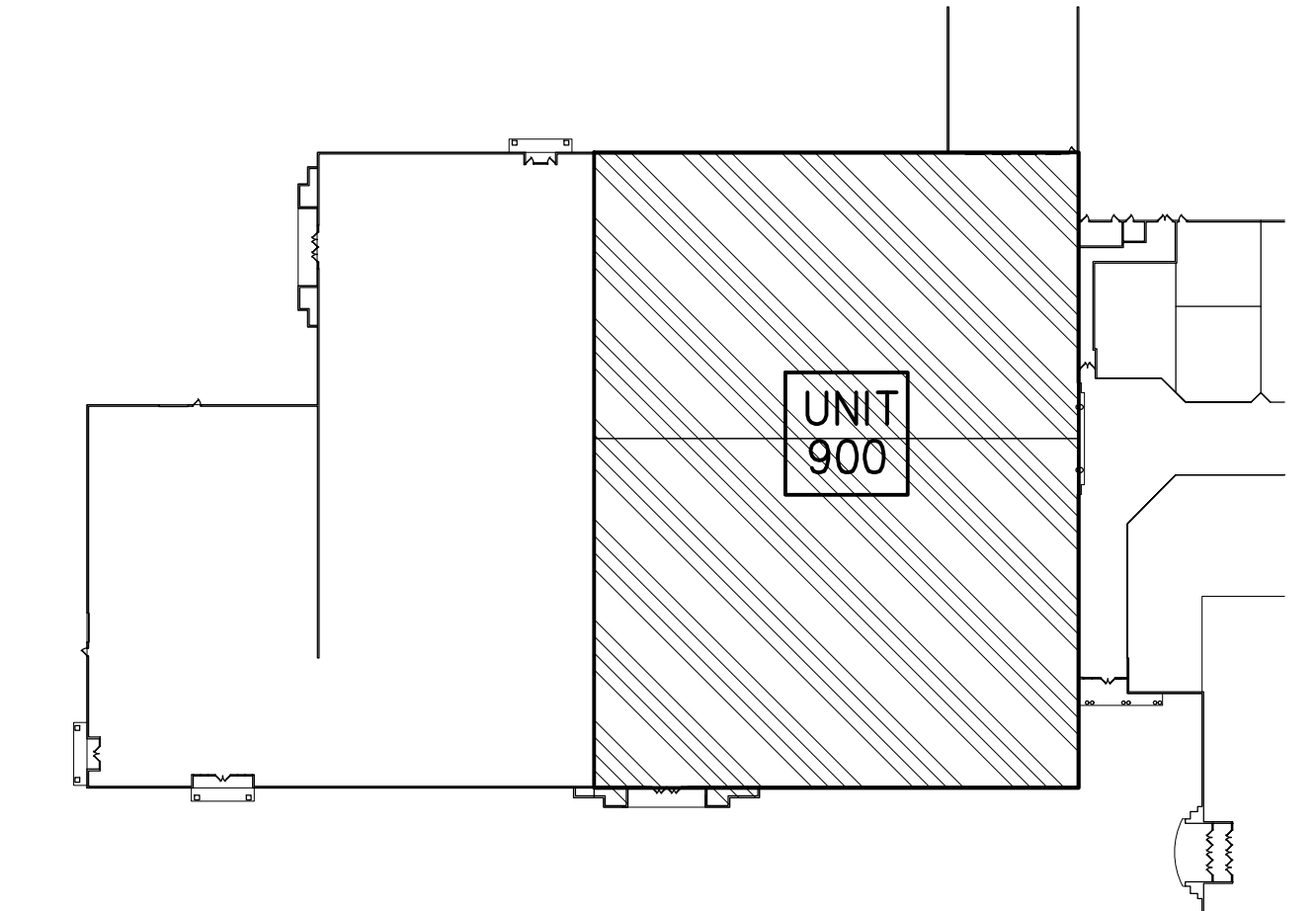
MP-300



1
MP-300
Roof Plan - Mechanical/Plumbing
SCALE: 1/16" = 1'-0"

PLENUM NOTE
CEILING SPACE OF THIS BUILDING IS USED AS A RETURN AIR PLENUM. ALL CONTRACTORS ARE TO ENSURE THAT ALL MATERIALS USED AS PART OF THEIR RESPECTIVE SYSTEMS ARE APPROVED FOR USE IN PLENUM SPACES OR PROTECTED AS REQUIRED FOR USE IN A PLENUM SPACE PER ALL APPLICABLE CODES.

SYMBOLS
ETR - EXISTING TO REMAIN
● - CONNECT TO EXISTING



KEY PLAN
SCALE: N/A

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PACKAGED GAS/ELEC. ROOFTOP UNIT SCHEDULE (BY LANDLORD)				
MARK	RTU-1	RTU-2	RTU-3	RTU-4
MFG.	TRANE	TRANE	TRANE	TRANE
MODEL	YCD-480	YCD-480	YCD-360	YHD-240
CFM	16000	16000	12000	8000
E.S.P.	1.0"	1.0"	1.0"	1.25"
HEAT. CAP. (BTUH)	750,000	750,000	600,000	250,000
COOLING CAPACITY	480,000 BTUH	480,000 BTUH	360,000 BTUH	240,000 BTUH
MCA/MFS	116/125	116/125	82.7/100	48/60
VOLTAGE	480/3/60	480/3/60	480/3/60	480/3/60
SUPPLY/ EXHAUST FAN HP	15	15	10	7.5
WEIGHT	7331 Lbs.	7331 Lbs.	5686 Lbs.	2859 Lbs.
O/A	6010 CFM	6010 CFM	4500 CFM	2500 CFM
REMARKS				

- NOTES**
- ROOFTOP UNITS, ASSOCIATED GAS PIPING, CONDENSATE PIPING, AND SPECIFIED OPTIONS AND ACCESSORIES PROVIDED AND INSTALLED BY LANDLORD UNLESS OTHERWISE NOTED. ROOFTOP UNIT STARTUP AND CONTROLS AND ASSOCIATED CABLES, WIRING, ETC. PROVIDED AND INSTALLED BY TENANT.
 - RTU-1 & 2 SHALL BE PROVIDED WITH ENTHALPY WHEEL ENERGY RECOVERY WITH ENTHALPY EXCHANGE EFFICIENCY AS REQUIRED BY APPLICABLE WASHINGTON STATE ENERGY CODE.
 - RTU-3 SHALL BE PROVIDED WITH MODULATING HOT GAS REHEAT DEHUMIDIFICATION INTERLOCKED TO HUMIDITY SENSOR LOCATED IN ASSOCIATED ZONE.
 - ALL RTUS SHALL BE PROVIDED WITH HALL GUARD.
 - RTU-1, 2, & 3 SHALL BE SINGLE-ZONE VAV UNITS AND SHALL BE PROVIDED WITH FACTORY VFD AND BACNET CARD BY LANDLORD. RTU-4 SHALL BE TRUE VAV UNIT AND SHALL BE PROVIDED WITH FACTORY VFD AND BACNET CARD BY LANDLORD. LOCATE CONTROL PANEL IN STORAGE 123 AND CONTROL DISPLAY.
 - TENANT MECHANICAL CONTRACTOR SHALL PROVIDE TRANE CONTROL PANEL MODEL TRACER SC AND ASSOCIATED TRANE I/O CONTROL DISPLAY TO ALLOW FOR MONITORING, PROGRAMMING, AND CONTROLS INTEGRATION OF ALL ROOFTOP UNITS. ANY ALTERNATE CONTROL SYSTEM MUST BE APPROVED BY TENANT ENGINEER. IN OFFICE 124. ALL RTUS SHALL BE PROVIDED WITH REMOTE TEMPERATURE SENSOR LOCATED IN ASSOCIATED ZONE FOR EACH UNIT BY TENANT.
 - ALL RTUS SHALL BE PROVIDED WITH FACTORY DEMAND CONTROL VENTILATION INTERLOCKED TO CO2 SENSOR LOCATED IN COMMON BA DUCT FOR EACH UNIT.
 - ALL RTUS SHALL BE PROVIDED WITH DIFFERENTIAL ENTHALPY ECONOMIZER WITH FAULT DETECTION AND DIAGNOSTICS. ALL RTUS SHALL BE PROVIDED WITH LOW LEAK DAMPERS (MAXIMUM LEAKAGE RATE OF 4 CFM5Q FT).
 - RTU-1, 2 & 3 SHALL BE PROVIDED WITH FACTORY 100% POWER EXHAUST AND RTU-4 SHALL BE PROVIDED WITH FACTORY PROVIDED AND FIELD MOUNTED STANDARD POWERED EXHAUST.
 - ALL RTUS SHALL BE PROVIDED WITH FACTORY MOUNTED AND POWERED CONVENIENCE OUTLET.
 - ALL RTUS SHALL BE PROVIDED WITH FACTORY MOUNTED NON-FUSED DISCONNECT.
 - ALL RTUS SHALL BE PROVIDED WITH FACTORY 1" INSULATED ROOF CURB. ALL CURBS TO BE SPECIFICALLY RATED AND CERTIFIED AS REQUIRED BY APPLICABLE CODES.
 - ALL RTUS SHALL BE INSTALLED SUCH THAT ROOF CURBS AND EQUIPMENT TIE-DOWNS MEET ALL APPLICABLE WIND RESISTANCE CODE REQUIREMENTS.
 - RTU-1, 2 & 3 SHALL BE PROVIDED WITH MODULATING HIGH NATURAL GAS HEATING AND RTU-4 SHALL BE PROVIDED WITH STAGE LOW NATURAL GAS HEATING.
 - ALL RTUS SHALL BE PROVIDED WITH HIGH EFFICIENCY DX COOLING.
 - ALL RTUS SHALL BE PROVIDED WITH REMOTE UNLIMITED ACCESS REFRIG.
 - ALL RTUS SHALL BE PROVIDED WITH FILTERS WITH MINIMUM MERV-8 RATING.
 - PIPE CONDENSATE FOR ALL ROOFTOP UNITS TO DRAIN OUTSIDE TO ROOF OR TO NEAREST AVAILABLE DRAIN.
 - ALL RTUS SHALL BE PROVIDED WITH FIELD MOUNTED SMOKE DETECTOR IN RETURN AIR BY LANDLORD, WIRED TO FIRE ALARM BY TENANT ELECTRICAL CONTRACTOR. INSTALLED AND WIRED TO UNIT BY TENANT MECHANICAL CONTRACTOR.

EXHAUST FAN SCHEDULE (BY TENANT)					
MARK	EF-1	EF-2	KEF-1	KEF-2	KEF-3
MFG.	COOK	COOK			
MODEL	120 ACEB	100 ACEB			
CFM	1250	600	450	2500	2500
E.S.P.	0.3	0.3	0.5	1.25	1.25
RPM	1339	1328	1510	1334	1334
WATTS/H.P.	1/4	1/6	1/15	1.5	1.5
VOLTAGE	115/1/60	115/1/60	115/1/60	460/3/60	460/3/60
SONES	9.8	7.2	7.1	16.8	16.8
CURB	YES	YES	YES	YES	YES
WEIGHT	75	44	55	129	
REMARKS	CURB INSTALLED BY LANDLORD HVAC CONTRACTOR	CURB INSTALLED BY LANDLORD HVAC CONTRACTOR	FURNISHED BY FOOD SERVICE EQUIP. SUPPLIER. CURB INSTALLED BY LANDLORD HVAC CONTRACTOR.	FURNISHED BY FOOD SERVICE EQUIP. SUPPLIER. CURB INSTALLED BY LANDLORD HVAC CONTRACTOR.	FURNISHED BY FOOD SERVICE EQUIP. SUPPLIER. CURB INSTALLED BY LANDLORD HVAC CONTRACTOR.

NOTES

- EF-1 & 2 SHALL OPERATE CONTINUOUSLY DURING BUILDING OCCUPIED TIMES.
- EF-2 SHALL BE INTERCONNECTED TO CO2 GAS DETECTION SYSTEM IN MECHANICAL 111 AND SHALL OPERATE UPON ACTIVATION OF GAS DETECTION SYSTEM.
- FOR EXHAUST FANS KEF-1, 2 & 3, REFER TO FOOD SERVICE EQUIPMENT PLANS FOR EQUIPMENT SPECIFICATIONS AND ADDITIONAL REQUIREMENTS. KEF-1, 2 & 3 SHALL BE INTERCONNECTED WITH KITCHEN HOOD CONTROL PANEL AND SHALL BE AUTOMATICALLY CONTROLLED TO OPERATE SIMULTANEOUSLY WITH THE OPERATION OF THE KITCHEN EXHAUST SYSTEM. REFER TO FOOD SERVICE EQUIPMENT PLANS AND ELECTRICAL PLANS. KEF-2 & 3 ARE CLASSIFIED HEAVY DUTY EQUIPMENT.
- ROOF CURBS AND EQUIPMENT TIE-DOWNS SHALL MEET ALL APPLICABLE WIND RESISTANCE CODE REQUIREMENTS.
- EF-1&2 AND KEF-1 SHALL BE PROVIDED WITH GRAVITY BACKDRAFT DAMPERS WITH MAXIMUM LEAKAGE RATE OF 40 CFM5Q. FT.

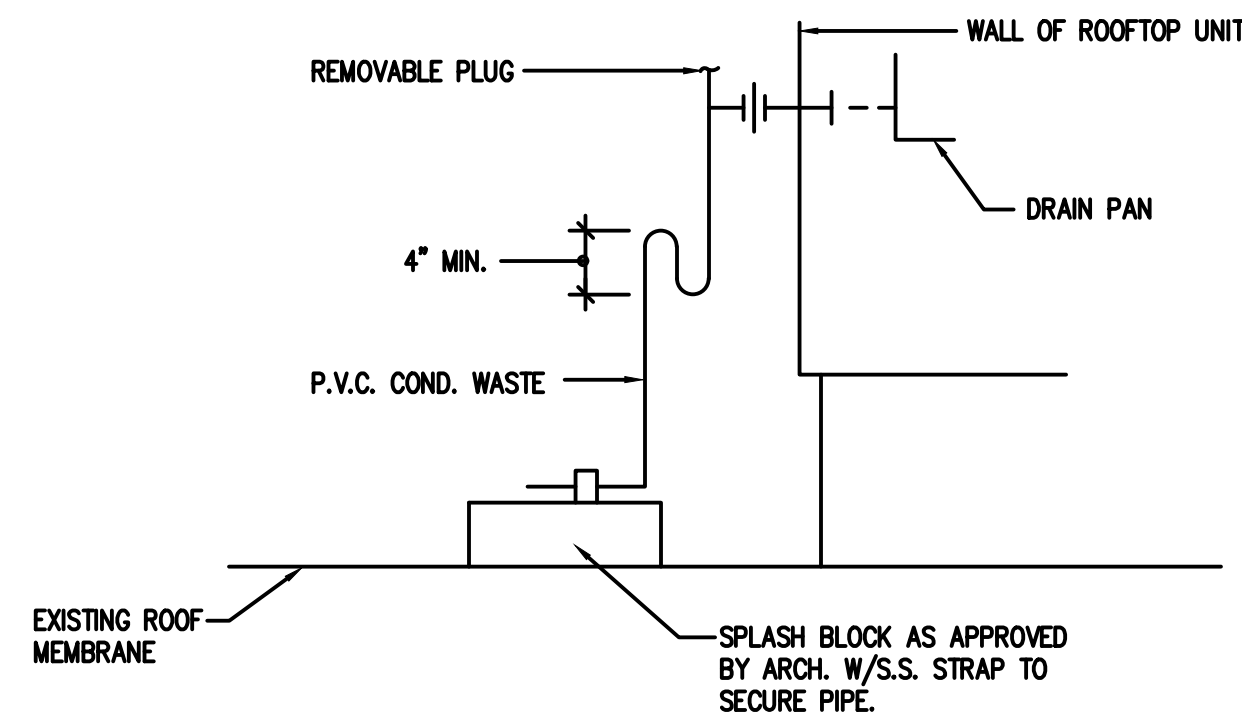
ELECTRIC HEATER SCHEDULE (BY LANDLORD)	
MARK	EUH-1
MFG.	MARKEL
MODEL	G1G5103N
TYPE	UNIT
LOCATION	MALL/TENANT ELECTRIC ROOM
MTG.	CLG. BRACKET
K.W.	3.3
VOLTAGE	277/1/60
BTUH	11,200
THERMOSTAT	INTEGRAL
FINISH	

GAS LOAD SUMMARY (UNIT 900)	
TAG	MBH
RTU-1	750
RTU-2	750
RTU-3	600
RTU-4	250
TOTAL	2350 MBH

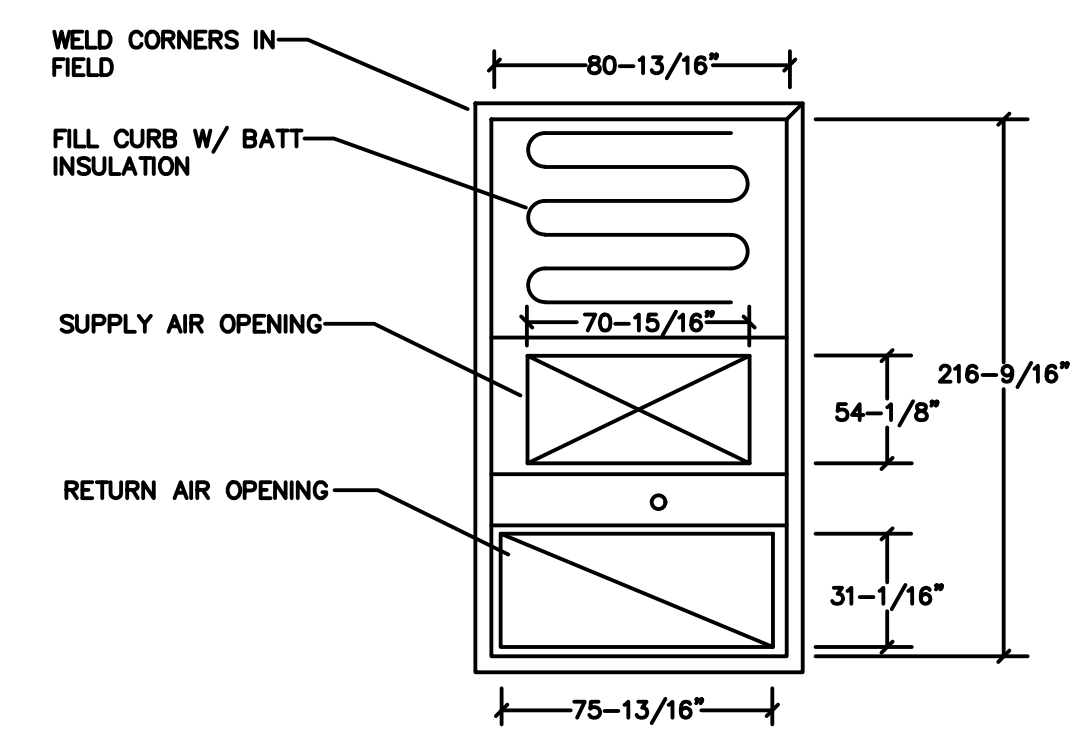
GAS PIPING SIZED PER TABLE 402.4 (2) OF THE INTERNATIONAL FUEL GAS CODE.

GAS LOAD SUMMARY (UNIT 990)	
TAG	MBH
EXISTING HVAC UNIT	400
EXISTING HVAC UNIT	400
EXISTING UNIT HEATER	100
EXISTING UNIT HEATER	75
EXISTING UNIT HEATER	50
TOTAL	1025 MBH

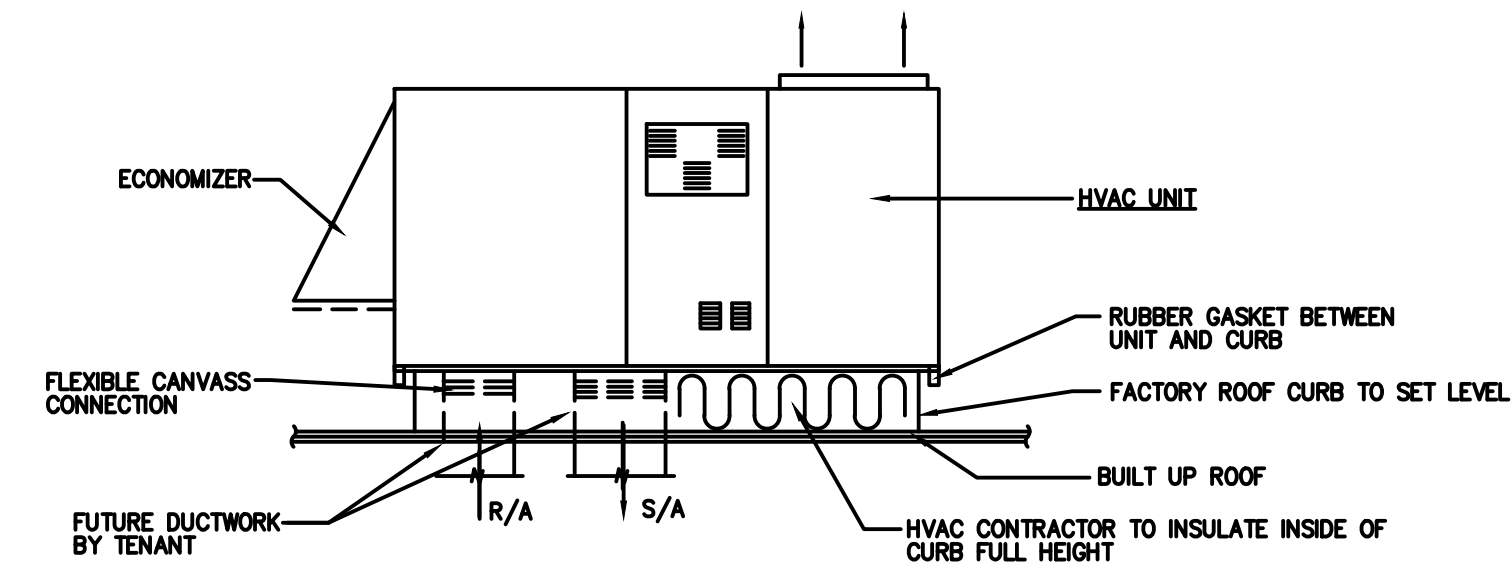
GAS PIPING SIZED PER TABLE 402.4 (2) OF THE INTERNATIONAL FUEL GAS CODE.



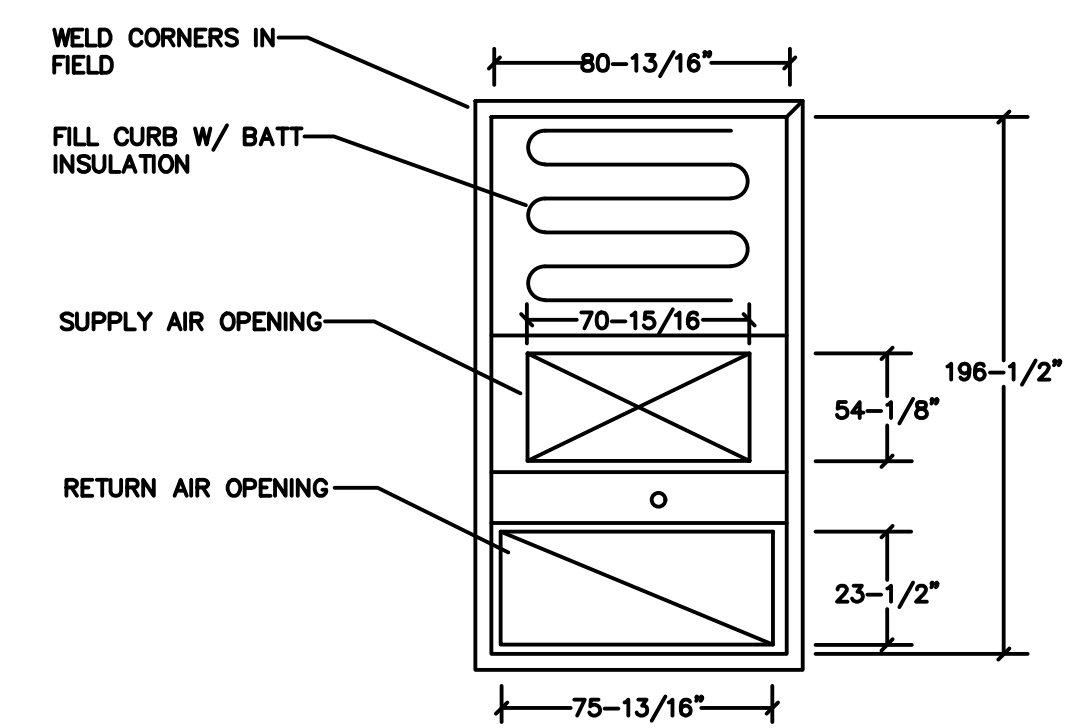
1 HVAC UNIT CONDENSATE DETAIL
SCALE: NO SCALE



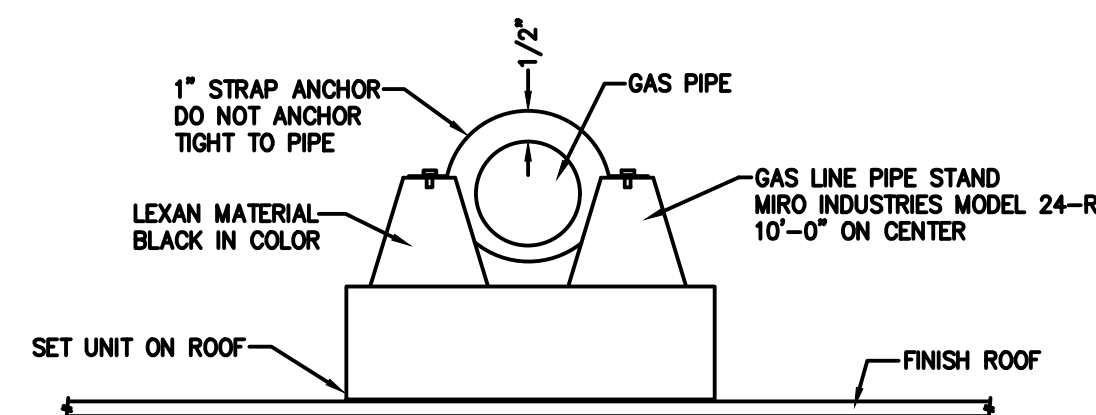
2 ROOF CURB DETAIL (HVAC-1&2)
SCALE: NO SCALE



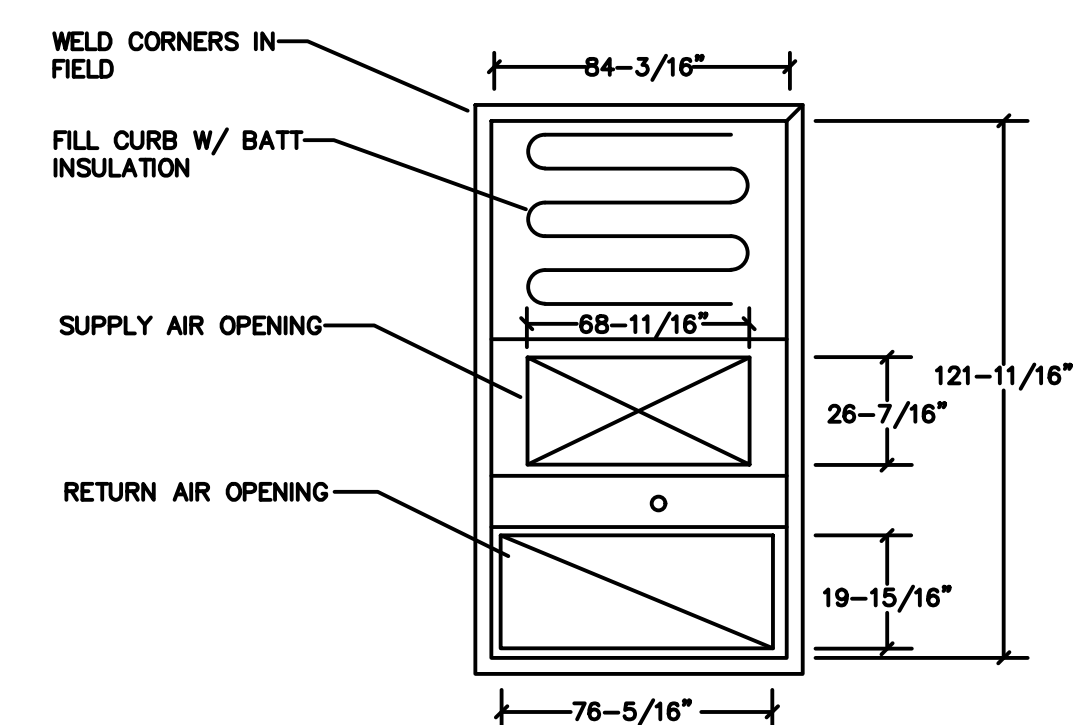
3 HVAC UNIT ELEVATION
SCALE: NO SCALE



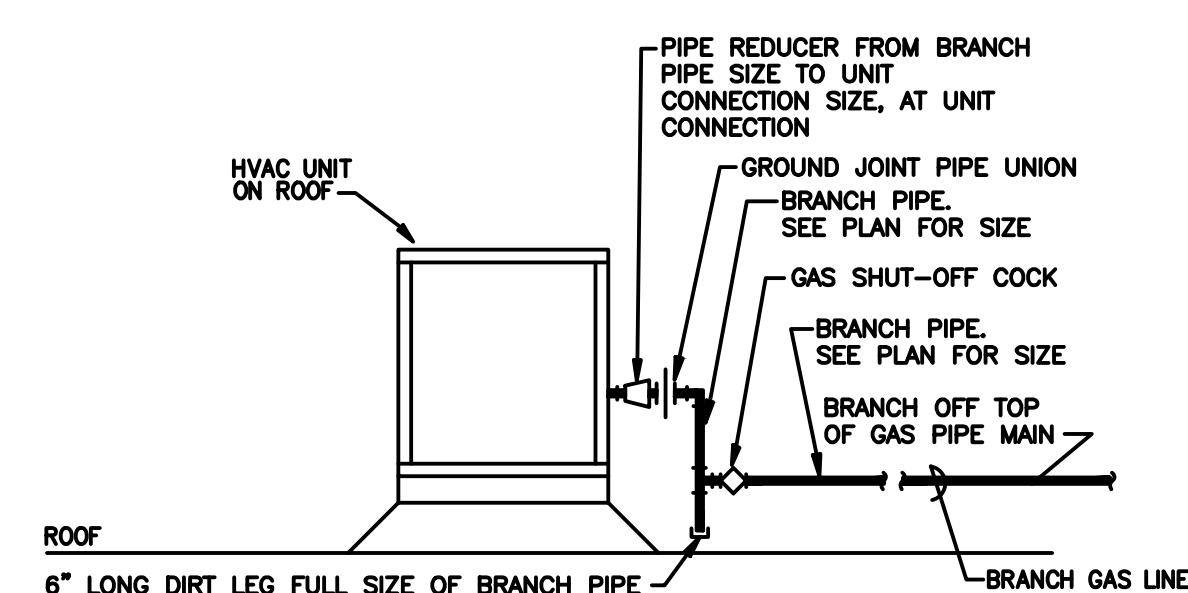
4 ROOF CURB DETAIL (HVAC-3)
SCALE: NO SCALE



5 GAS PIPE SUPPORT DETAIL
SCALE: NO SCALE



6 ROOF CURB DETAIL (HVAC-4)
SCALE: NO SCALE



7 TYPICAL GAS CONNECTION DETAIL
SCALE: NO SCALE

Received
Development Services
January 14, 2021
CITY OF PUYALLUP

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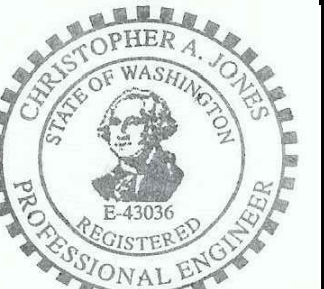
Architect:
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E-Mail: rpartika@tripcompany.com

MECHANICAL/PLUMBING SCHEDULES AND DETAILS

Project Information:
Project No.: 062-900
Date: 12-03-19
Drawn By: KAN
Checked By: CAJ

Sheet Title:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3500 S. Meridian St
Puyallup, WA 98373

MP-400



Revised	By	Date	Description
01/08/21	CAJ		ISSUED FINAL

MECHANICAL/PLUMBING SPECIFICATIONS

Project Information:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3500 S. Meridian St
Puyallup, WA 98373

Project No.:	062-900
Date:	12-03-19
Drawn By:	KAN
Checked By:	CAJ

MP-500

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SECTION 15000 - GENERAL REQUIREMENTS

PART I - GENERAL

1.01 SCOPE OF WORK

A. The work shall include, but not be limited to, the following:

- The General Requirements for the Mechanical Trades Work.
- The Administration and Coordination of the Plumbing and Heating Ventilation and Air Conditioning

1.02 SPECIFICATIONS AND DRAWINGS

A. These specifications and accompanying drawings are not to be considered separately, but are to be considered together, and when so taken are intended to explain each other and must describe the work to be performed and the materials entering into the contract.

1.03 SHOP DRAWINGS

A. Prepare shop drawings of equipment controls and ductwork at sufficient scale and in sufficient detail to clearly show details of construction, show all specified operating characteristics for each item of equipment, including pump and fan curves with design conditions for each fan shown thereon. Identify each drawing or item clearly as to location and use.

1.04 COORDINATION AND SUPERVISION

A. Contractor shall examine work of other trades which comes in contact with or is covered by this work. He shall, in no case, attach to, cover up, or finish against any defective work or install his work in a manner which will prevent proper installation of the work of other trades. He shall consult all drawings, specs and details of other divisions of the work on this project, shall conform to all requirements of same affecting his work. He shall do all plumbing, heating, ventilation and air conditioning work necessary to be done in connection with the installation of other divisions of the work unless specifically otherwise specified under that division.

1.05 RECORD DRAWINGS

A. Prepare and deliver to architect one new and complete set of "As Built" drawings. These prints are to accurately show location of all heating, ventilation, air conditioning and plumbing as installed, exact location of all services where connected into existing piping abandoned or terminated under this contract.

1.06 DRAWING STANDARDS

A. Attention is directed to the fact that drawings and design of systems are based on definite makes of materials or equipment which shall be considered the "specified standard" and shall serve to establish a standard quality and character for equipment and materials.

1.07 INTERFERENCES

A. Before installing any work Contractor shall see that it does not interfere with clearances required for finish on beams, columns, pilasters, walls or other structural or architectural members as shown on architectural drawings. If any work so installed and it later develops that Architectural design cannot be followed, Contractor shall, at his own expense, make such changes in his work in accordance with plans and specifications.

1.08 HOISTS, RIGGING, TRANSPORTATION AND SCAFFOLDING

A. Each Contractor and Subcontractor shall provide all scaffolding, staging, cribbing, racks, hoists and rigging necessary for placing all his materials and equipment in their proper places in the project. All temporary work shall be removed on the job.

1.09 CUTTING AND PATCHING

A. Each Contractor is responsible for his own cutting and patching of existing walls, ceilings and floors as required for installation of their contract work.

1.10 INSTALLATION REQUIREMENTS

A. Contractor shall be governed by the architectural, mechanical, electrical and structural drawings, as well as drawings of associated trades, in the installation of the heating and plumbing work. The location of piping, equipment, ducts, etc. on the drawings are diagrammatic. Indicated positions shall be followed as closely as possible; however, exact locations shall be subject to building construction and interferences with electrical work. Should difficulties prevent the installation of any part of the work as indicated, such shall be called to the attention of the Architect, who will determine locations and changes, and the Contractor shall install the work accordingly. The Architect reserves the right to make minor changes in location of any part of the work up to the time of roughing in without additional cost.

1.11 PERMITS, CERTIFICATES, CODES AND ORDINANCES

A. The intent of this specifications is that Contractors for those portions of the work base their bids upon the plans and specs, but each installation shall comply with OSHA Safety Requirements and the following applicable code, ordinance, and/or safety rule and regulation, as well as any other which apply to the work shown and specified.

- Plumbing: Local plumbing code and/or ordinances.
- HVAC: All applicable state and/or local laws and regulations.

B. The Contractors shall obtain and pay for all official permits, licenses and inspections required by the governing state and local authorities and departments.

1.12 ELECTRICAL CONNECTIONS

A. The Contractors shall acquaint themselves with those portions of the electrical drawings and specs, which establish characteristics of electrical service and shall furnish equipment to operate on that service. Contractors shall confirm available voltage(s) with electrical contractor and provide equipment as required for use with service.

B. The Mechanical Contractor shall furnish all starters. Starters to be provided with proper NEMA enclosures and for surfaces or flush application as required. Where equipment has magnetic starters furnished as an integral part of the equipment, Electrical Contractor shall furnish necessary disconnect switches.

1.13 SUPERVISION

A. Contractor shall have in charge of work at all times during construction a competent superintendent with experience in work to be installed under this contract.

1.14 FLOOR AND CEILING PLATES

A. On all pipes passing through floors, walls, partitions, plaster, furring, etc. where exposed to view in occupied areas, provide approved steel plates. In finished rooms these plates shall be chrome plated and in unfinished rooms these shall be black iron prime coated.

SECTION 15100 HEATING, VENTILATING AND AIR CONDITIONING

1.01 MATERIALS AND RESPONSIBILITY

A. All materials and equipment shall be installed in a neat and workmanlike manner by competent specialists for each subtrade. The installation of any materials and equipment not meeting these standards may be condemned by the Engineer and shall be removed and reinstalled at no additional cost to the Owner. Contractor is responsible for the safety and good condition of the materials and equipment installed until final acceptance by Owner. All materials shall be stored in such a manner as to prevent damage or weathering prior to installation.

B. When an installation is found being improperly installed, Architect shall notify the Contractor to cease work at once, followed by a written order. Contractor shall then proceed only when corrections have been made.

1.02 ACCESS DOORS

A. The Mechanical Contractor shall furnish and install access doors and frames in all locations where designated to provide access to concealed valves, dampers, and other equipment requiring service or inspection as shown on drawings or as approved in the field by the Architect.

B. Mechanical Contractor shall mark lay-in ceiling tiles in a method approved by Architect where access is required to such mechanical equipment as valves, regulators, fire dampers, etc.

1.03 MISCELLANEOUS STEEL

A. Furnish and install all miscellaneous steel required for supports, hangers, anchors, guides, etc., required for installation of equipment and materials furnished and installed under this section.

1.04 SHEET METAL WORK

A. Furnish and install ductwork, hangers, dampers, hoods, access doors, grilles, louvers, diffusers, exhaust fans, roof caps and related sheet metal accessories as shown on drawings and as indicated in these specifications.

B. All low velocity sheet metal shall be fabricated in accordance with the latest recommendations of the ASHRAE and SMACNA. Duct shall be fabricated of prime galvanized sheet metal.

C. Ductwork construction resulting in a short side dimension of 19" and above shall require reinforcing on all four sides in accordance with the above schedule. Evidence of any separation of galvanized surface from the steel at any point of the ductwork shall be considered sufficient cause to reflect this material and work.

D. Furnish and install all manual balancing dampers, splitter dampers, extractors and deflectors as shown on drawings or as required to properly distribute the air. All dampers, extractors and deflectors shall be constructed of the same material as the surrounding ductwork. Unless noted otherwise on the drawings, all manual balancing dampers shall be the opposed blade type. Opposed blade dampers shall be Young Regulator Series 820; extractors shall be Young No. 890-A.

E. All manual balancing dampers, splitter dampers, extractors and deflectors shall be controlled by Young No. 1 or Ventlock No. 888 regulators. If ductwork is accessible, mount the regulator on the ductwork. If work will be inaccessible, after the installation of the ceiling or walls, mount the regulator in a steel, flush-mounted box specifically designed for this purpose. Provide all linkage, top bearings and/or gear drives required for the remote installation of the regulator.

1.05 INSULATION

A. Size, location and type as noted on drawings.

1.06 TESTS AND ADJUSTMENTS

A. Obtain all inspections required by law, ordinance, rules, regulations of authorities having jurisdiction, and obtain and furnish to Architect Certificates of such inspections. Also pay fees, charges, and other expenses in connection therewith.

B. Perform tests and adjustments under this Contractors supervision and report to Architect. During testing period, maintain on job a competent Engineer thoroughly familiar with all phases for as long as required to thoroughly adjust all systems and demonstrate to Architect that they are functioning properly.

C. Perform all tests in accordance with latest standards of Air Balance Council and make necessary adjustments to obtain specified equipment and system characteristics. Perform tests and adjustments in presence of Architect's representative. Adjust diffusers, grilles, and registers to minimize drafts in all areas. Give Architect one week's notice prior to performing final tests. Furnish all necessary labor, tools and testing equipment to make tests and adjustments accurately and expeditiously.

D. Do not consider work under this specification complete until Contractor has obtained required inspections, perform tests, made necessary adjustments, and has submitted satisfactory evidence of compliance. Architect reserves the right to make spot checks to determine accuracy and completeness of all adjustments to satisfaction of Architect.

1.07 ROOF WORK

A. H.V.A.C. contractor is responsible for all roofwork associated with mechanical trades work. All flashing of curbs and caps is to be done by roofing contractor acceptable to owner so any "BOND" on roof is not broken.

SECTION 15200 PLUMBING

1.01 SCOPE OF WORK

A. The work required under this division shall consist of all labor, materials, tools, equipment, power, transportation, hoisting implements, services, etc. of every description necessary for the entire completion of the plumbing work of the contract, all as specified herein, shown on the drawings, or reasonably implied by either, complete in every respect unless specifically expected herein.

1.02 EXCAVATION AND BACKFILLING

A. Plumbing Contractor shall do all excavating and backfilling necessary to install his work. He shall dig all trenches to exact grade and depth with only sufficient dirt removed to provide working space. Any trenches dug below required depth shall be filled to proper depth with sand. Trenches shall not be more than 18" wider than external diameter of pipe, and sides shall be practically perpendicular. Shoring or sheet piling shall be used if necessary to prevent caving of trench sides.

1.03 INSPECTION AND TESTS

A. All tests shall comply with these specifications and further with the requirements of the governing authority or serving utility as the case may be. Architect and Plumbing Inspector shall be notified in advance of all tests and shall be present at such tests and shall not backfill or cover up any work until inspected and approved. Furnish final inspection certificate before final payment.

1.04 PIPING MATERIALS

A. Materials shall be all new and adapted to use intended, be free from defects, clean, and protected from weathering or damage as installed, and, unless specifically otherwise noted, shall be specified for each item.

B. Soil, Storm, Waste, Vent and Drain Piping (Installed Above Ground): Shall be no-hub cast iron pipe and fittings made in accordance with Cast Iron Soil Pipe Institute Standard 301-72, with neoprene gasket and stainless steel clamp and as manufactured by Glamorgan, Tyler, or Buffalo. Schedule 40 polyvinyl chloride (PVC) per ASTM D2665, ASTM F1488 is acceptable if areas not used as a return air plenum. See architectural and mechanical drawings for additional information. Contractor to use cast iron in all open plenum areas (if applicable).

C. Water Piping: All hot water piping and cold water piping, including hot water return piping above ground, shall by Type "L" copper pipe with wrought copper sweat solder type fittings. Cross-linked polyethylene (PEX) is acceptable for water lines 3/4" and smaller. PEX piping to be color coded and approved for domestic water distribution per ASTM F877.

D. Gas Piping: Schedule 40 black steel pipe and fittings.

E. Floor Drains, JOSAM 3000-A, with 6" round strainer and nickel bronze top.

F. Building Cleanouts, "JOSAM" 586000 series wall mounted cleanout with stainless steel wall access cover and screw.

1.05 INSULATION

A. Provide 1" Fiberglass insulation on all water piping. Exception: Water lines located within wall cavities are to NOT be insulated.

1.06 VALVES

A. Furnish and install Nibco, Crane, Fairbanks, Powell, Milwaukee, or Lundenheimer valves shown on drawings and valves required for proper operation of various parts of work. Valves hereinafter scheduled are taken from Nibco or Dezurik drain valves with hose connecting ends and protective caps and shall be installed at low points on all lines carrying liquids.

1.07 SANITARY DRAINAGE SYSTEMS

A. Arrange and provide for connection to sanitary sewer facilities as shown on drawings. All soil, waste, vent, sewer, and drainage piping shall be installed so as to be concealed in all occupied spaces, except as otherwise specifically noted on the drawings and except as shown in the Equipment Rooms. All offsets around beams, columns, etc. shall be made as close as possible, using special fittings if necessary.

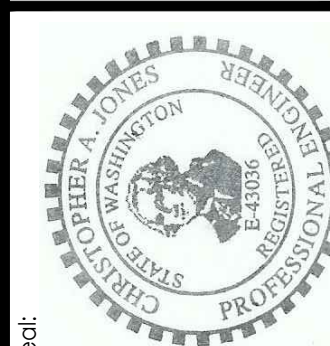
1.08 WATER SUPPLY SYSTEM

A. Provide Precision Plumbing Products, Inc. system-rated water hammer arrestors on all cold and hot water lines at each group of fixtures, at isolated individual fixtures, and before all quick-closing valves. Water hammer arrestors shall be sized and installed in accordance with manufacturer's published data. Manufactured water hammer arrestors of other makes will be considered.

1.09 PLUMBING FIXTURES

A. Except as specifically otherwise noted or shown, the Plumbing Contractor shall furnish and install all plumbing fixtures shown on the drawings complete and ready for use.

B. All fixture supports to be of type and to permit adjustment to fit variations in construction. All grounds or special supports necessary for setting fixtures shall be furnished and installed before plastering or other finished construction work is begun. All fixtures shall be hung at height directed by Architect. Accessories in general are listed for each fixture. Plumbing Contractor shall, however, supply all stops, traps, esutcheons, connections, etc., as necessary to complete installation of each fixture, whether or not such items are listed.



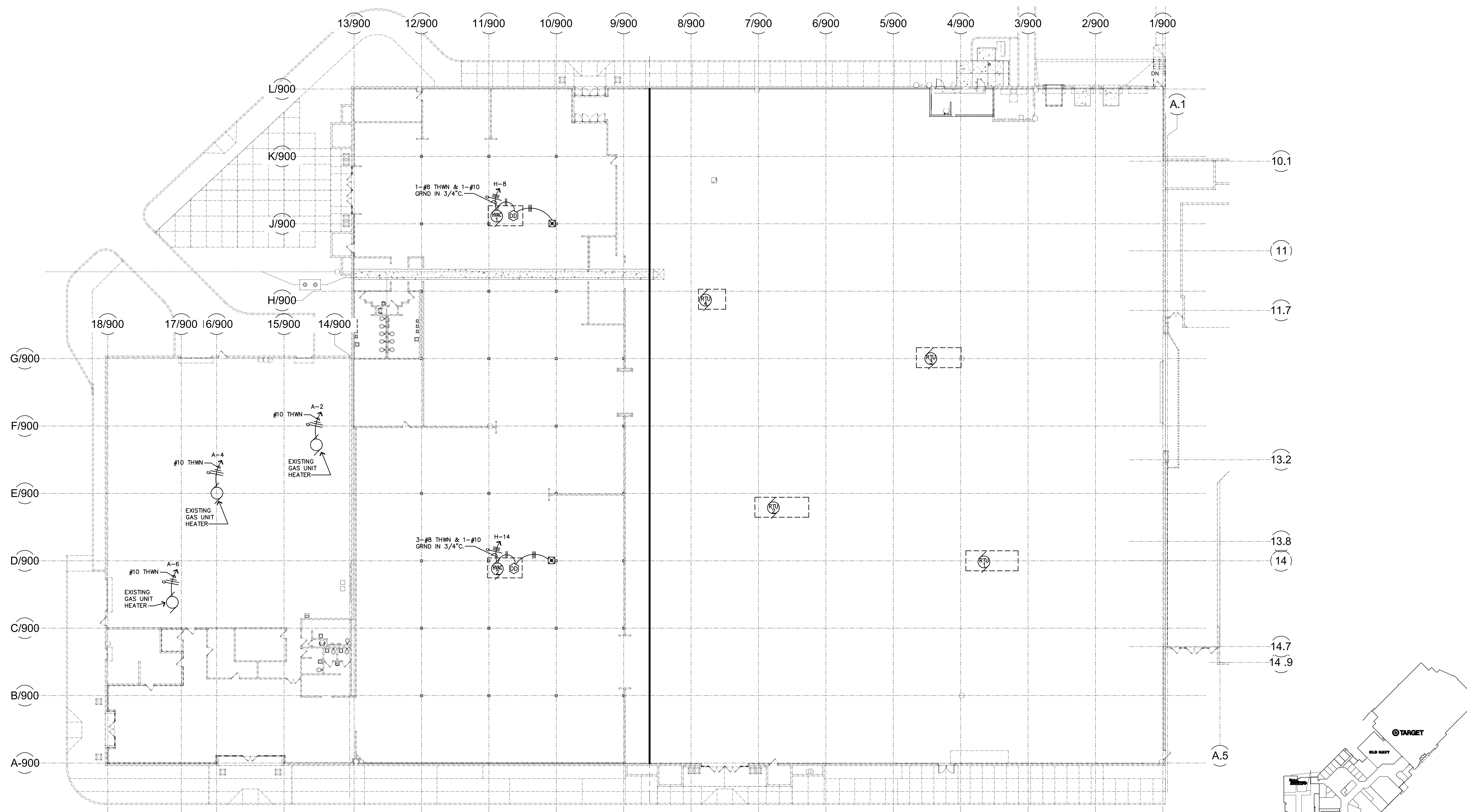
Revision No.	Date	By	Description
05/05/2019		CUJ	CLJ

COMPOSITE FLOOR PLAN -
ELECTRICAL

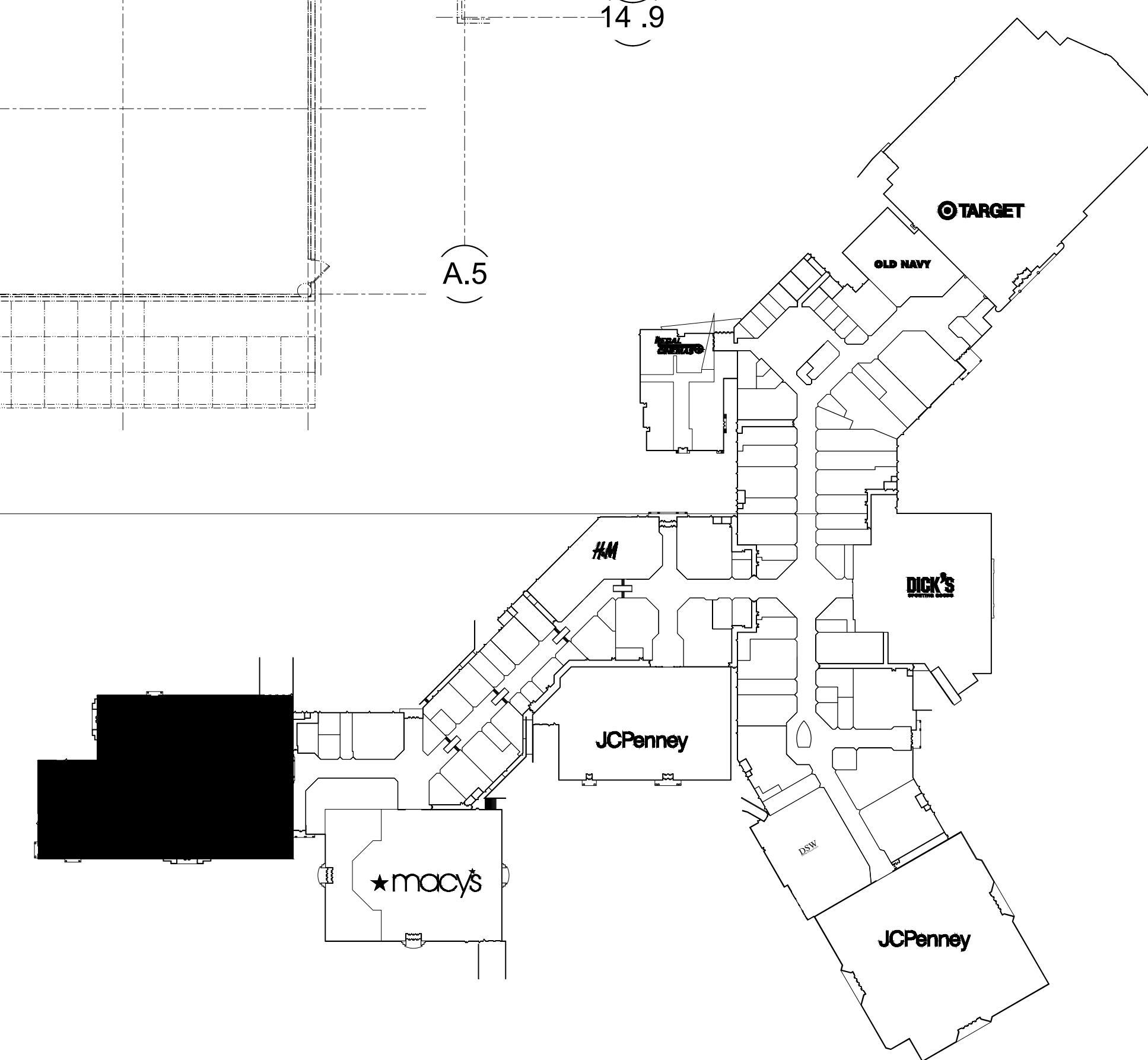
Project Information:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3500 S. Meridian St
Puyallup, WA 98373

Project No.: 042-900
Date: 12-03-19
Drawn By: KMG
Checked By: CAJ

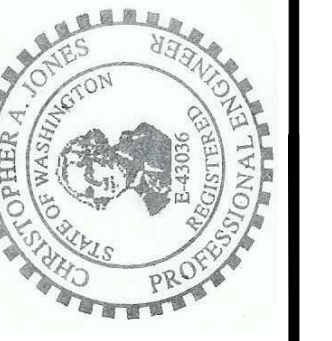
E-100



1 Overall Floor Plan - Electrical
E-100 SCALE: 1/16" = 1'-0"



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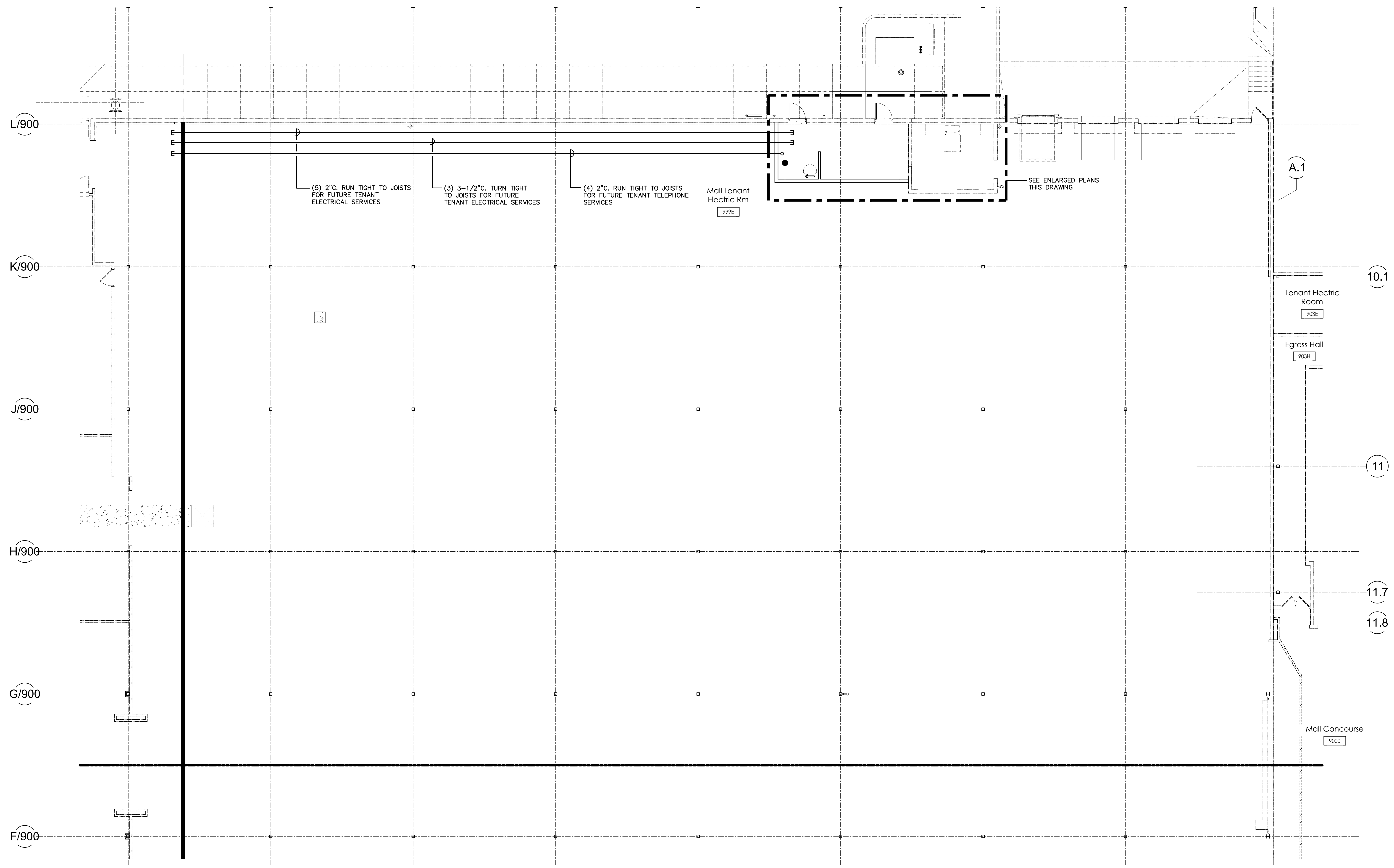
Revision No.	Date	By	Description
1	12-03-19	CAJ	65000 FINAL

FLOOR PLAN - AREA B - ELECTRICAL

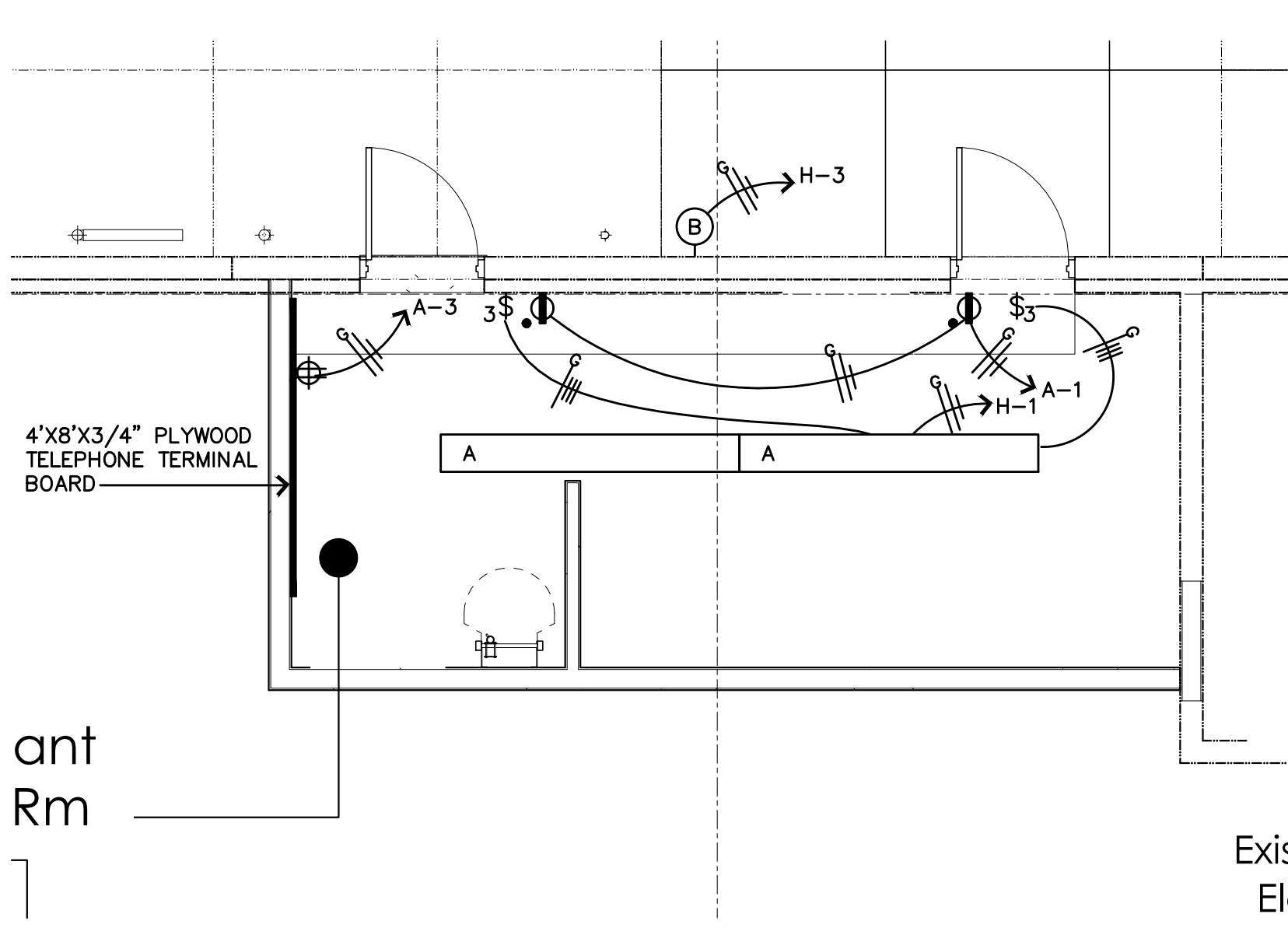
SHELL PACKAGE - ROUND ONE
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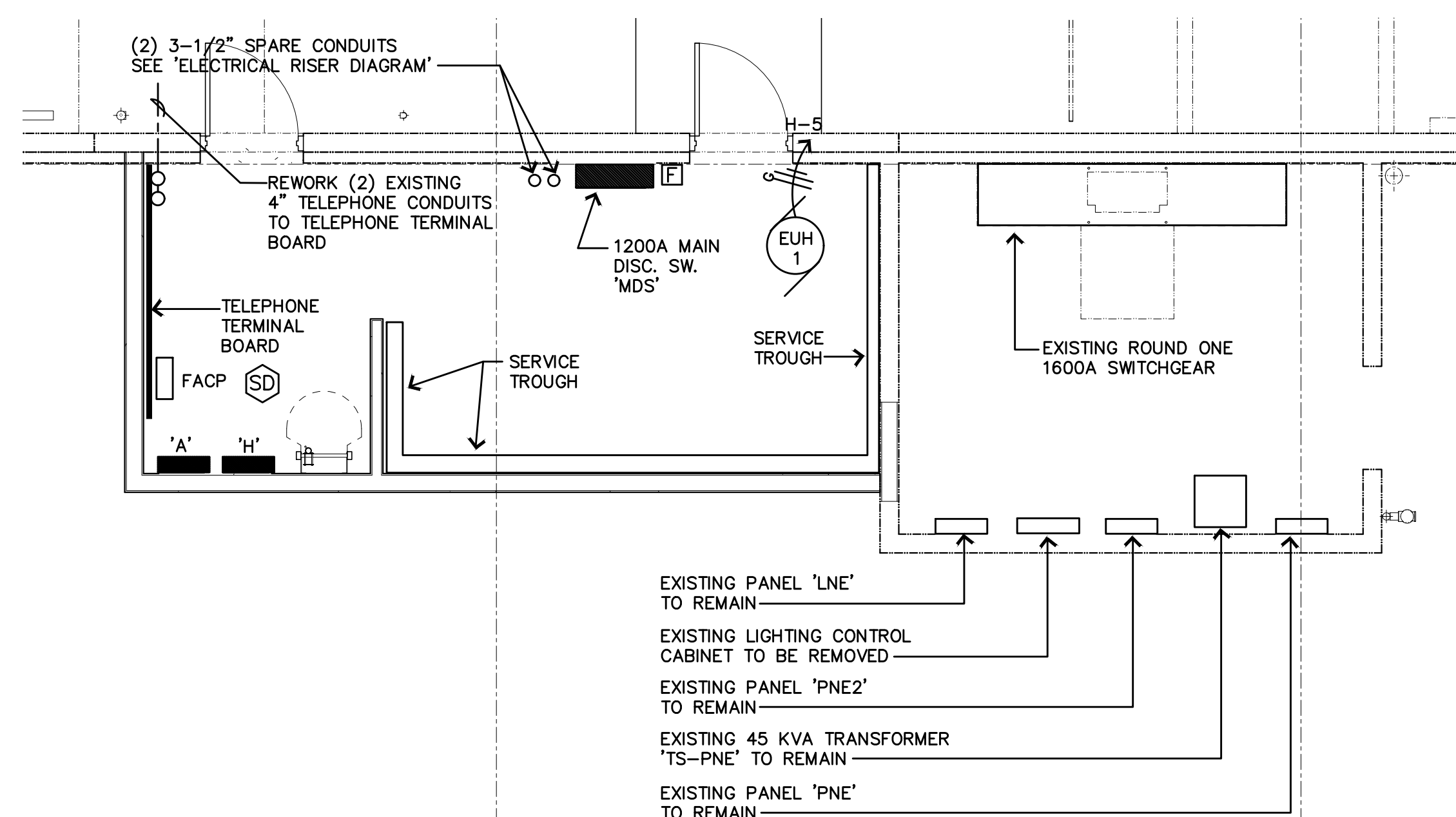
E-102



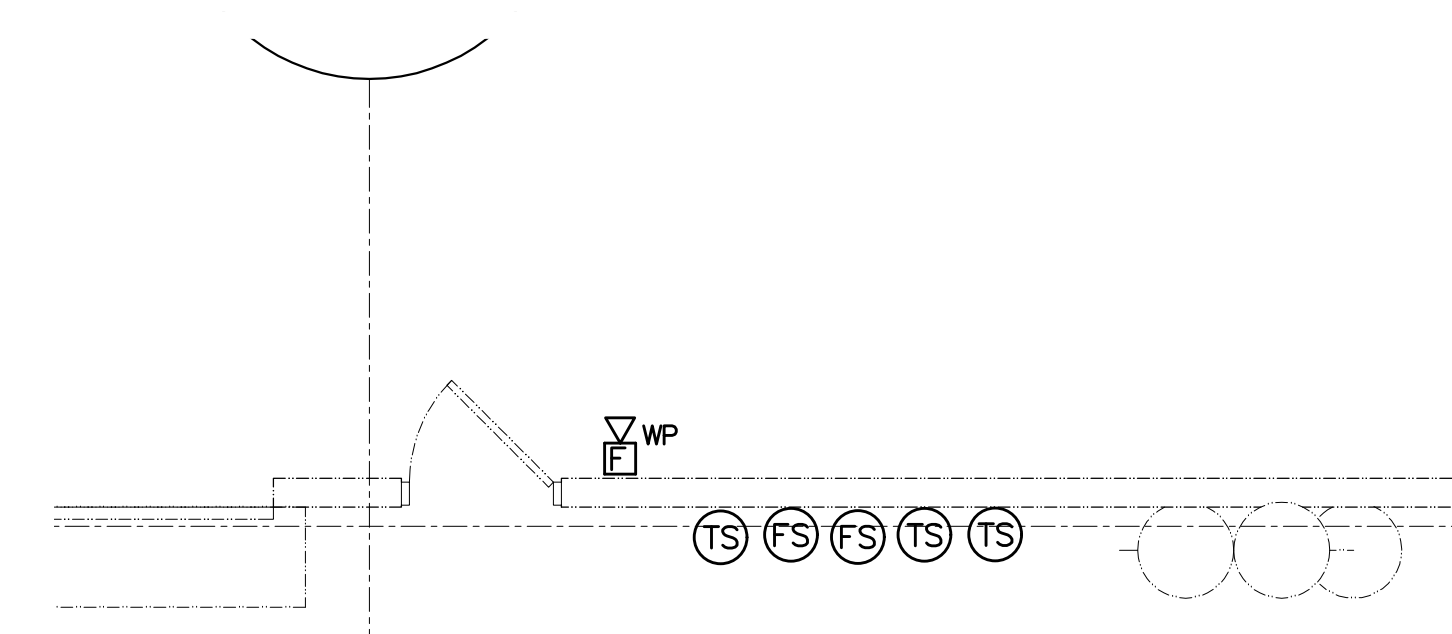
1 Floor Plan - Area B - Electrical
E-102 SCALE: 1/8" = 1'-0"



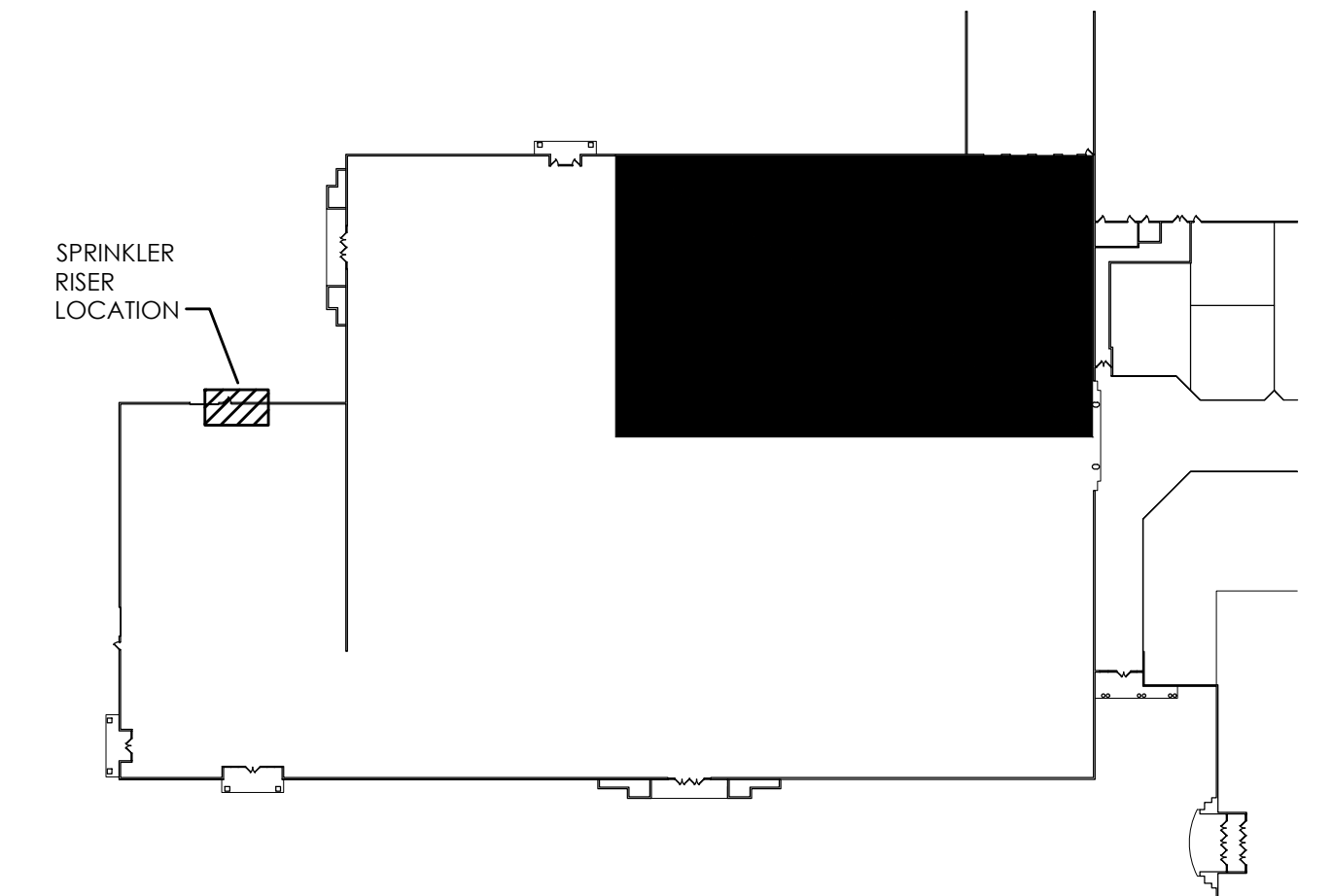
ENLARGED TENANT ELEC. RM. 999E CEILING PLAN - ELECTRICAL
SCALE: 1/4" = 1'-0"



ENLARGED TENANT ELEC. RM. 999E FLOOR PLAN - ELECTRICAL
SCALE: 1/4" = 1'-0"

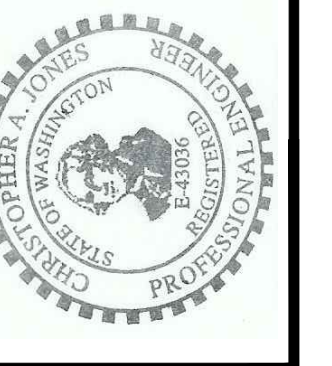


SPRINKLER RISER AREA - ELECTRICAL
SCALE: 1/4" = 1'-0"



KEY PLAN
SCALE: N/A

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05/07/20	Final		CU

ELECTRICAL SCHEDULES

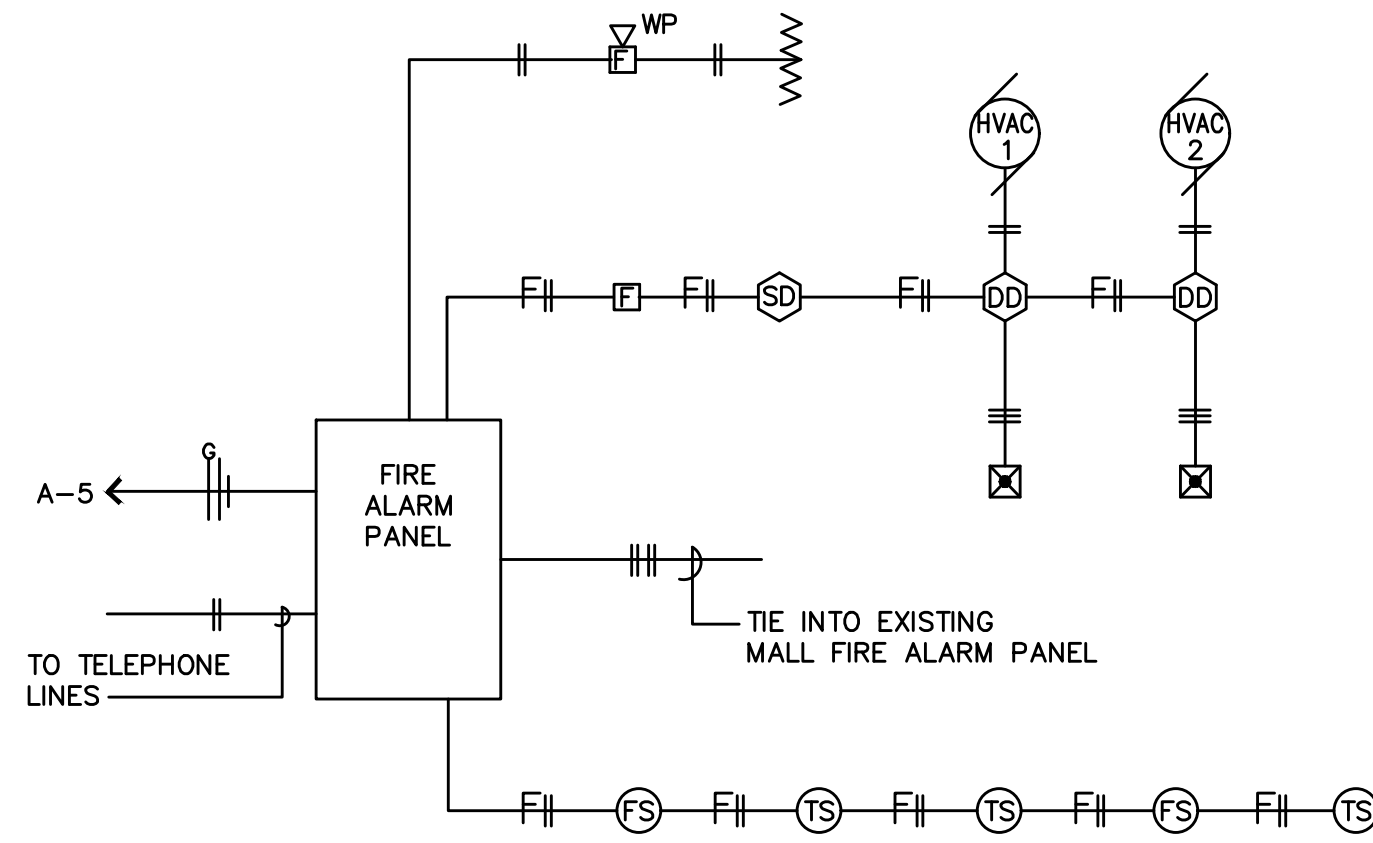
Project Information:
SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3500 S. Meridian St
Puyallup, WA 98373

Project No.: 042-900
Date: 12-03-19
Drawn By: KMG
Checked By: CAJ

SURFACE MOUNTED		GROUND BAR	
PANEL 'A'			
10,000 AIC		60 AMP MCB	
* C.B. LOCK			
* TYPE 'HACR' C.B.			
3PH, 4W, 120/208V			
CIR NO	USE	LOAD	USE
1	METER RM OUTS	360	UNIT HEATER
3	TELE TERM BD OUTS	360	UNIT HEATER
5	FIRE ALARM PANEL	500	UNIT HEATER
7	SPACE		SPARE
9	SPACE		SPARE
11	SPACE		SPARE
13	SPACE		SPARE
15	SPACE		SPARE
17	SPACE		SPARE

SURFACE MOUNTED		GROUND BAR	
PANEL 'H'			
14,000 AIC		200 AMP MLO	
* C.B. LOCK			
* TYPE 'HACR' C.B.			
3PH, 4W, 277/480V			
CIR NO	USE	LOAD	USE
1	METER RM LTS	192	SPACE
3	EXTERIOR LTS	30	SPACE
5	SPKLR UNIT HEATER	3300	SPACE
7	SPARE	20	5817
9	SPARE	20	5817
11	SPARE	20	5817
13	SPACE		EXIST. HVAC-1
15	SPACE		EXIST. HVAC-2
17	SPACE		5817
19	SPACE		5817
21	SPACE		5000
23	SPACE		5000

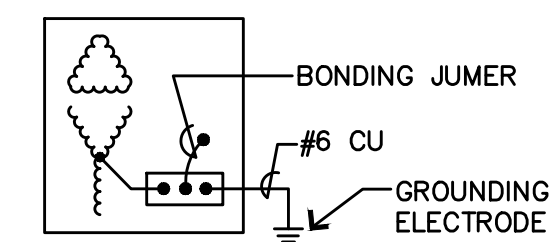
LIGHT FIXTURE SCHEDULE					
SYMBOL	MARK	DESCRIPTION	LAMPS	MOUNTING	NOTES
□	A	COLLUMBIA LCL8-40ML	LED	SUSPEND TO 10'-0" A.F.F.	10,000 LU - 96W
○	B	HUBBELL LNC2-12LU-4K-3-1-PCU	LED	WALL/SURF 12'-0" A.F.F.	2,600 LU - 28W



TYPICAL FIRE ALARM RISER
NTS

MECHANICAL EQUIPMENT SCHEDULE									
SYMBOL	DESCRIPTION	HP	KW	FLA	PHASE	VOLTS	LOCATION	NOTES	
RTU-1	ROOF TOP UNIT			104	3	480	ROOF	D	
RTU-2	ROOF TOP UNIT			104	3	480	ROOF	D	
RTU-3	ROOF TOP UNIT			74	3	480	ROOF	D	
RTU-4	ROOF TOP UNIT			73	3	480	ROOF	D	
HVAC-1	EXISTING HVAC UNIT	15			3	480	ROOF	A,C,E	
HVAC-2	EXISTING HVAC UNIT	15			3	480	ROOF	A,C,E	
EUH-1	UNIT HEATER		3.3		1	277	CEILING	A,B	

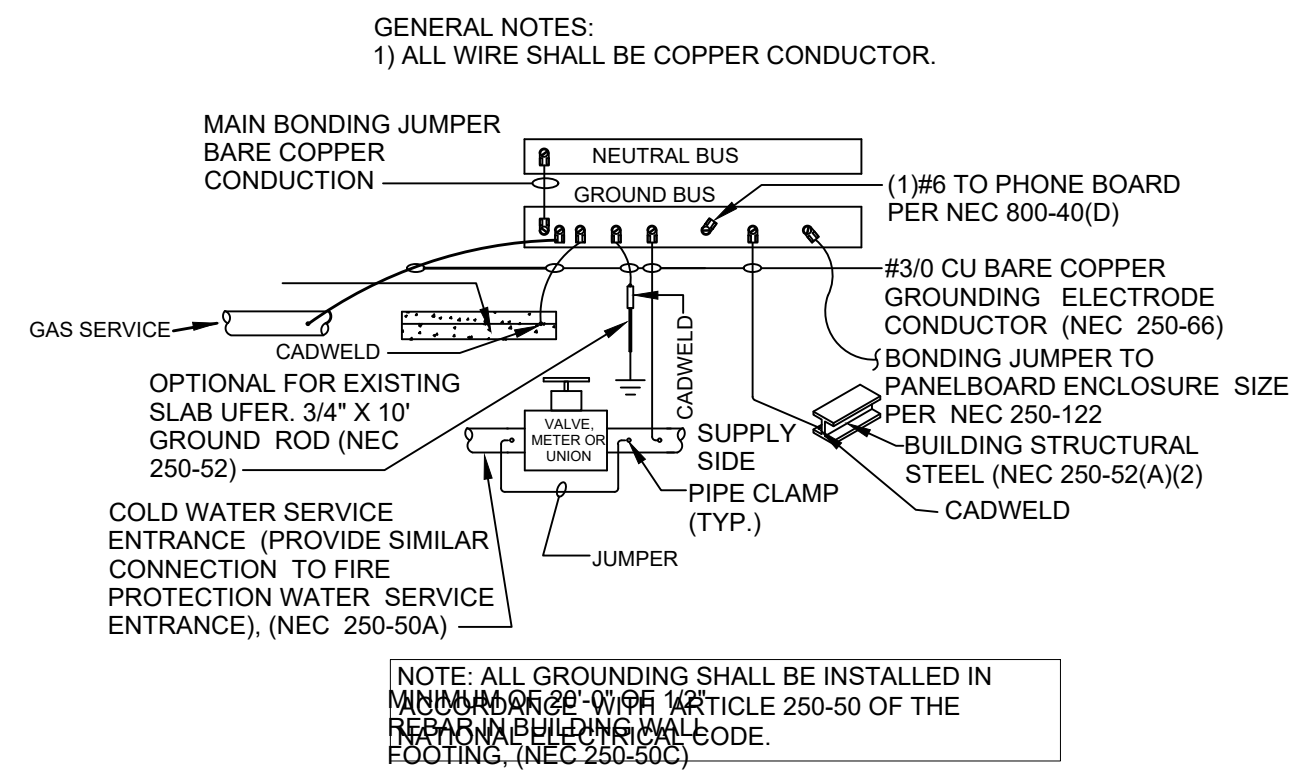
- NOTES:
- ELECTRICAL CONTRACTOR SHALL MAKE FINAL TERMINAL CONNECTION AT UNIT.
 - ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A NO-FUSE DISCONNECT SWITCH AT UNIT.
 - ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A FUSIBLE DISCONNECT SWITCH WITH FUSETRON FUSES AS RECOMMENDED BY THE MANUFACTURER AT UNIT.
 - ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A DUCT DETECTOR/SAMPLING TUBE ETC. IN RETURN AIR DUCT AT UNIT. DUCT DETECTOR TO BE COMPATIBLE WITH ROUND ONE FIRE ALARM SYSTEM.
 - ELECTRICAL CONTRACTOR TO LOCK OUT COOLING ON UNIT.



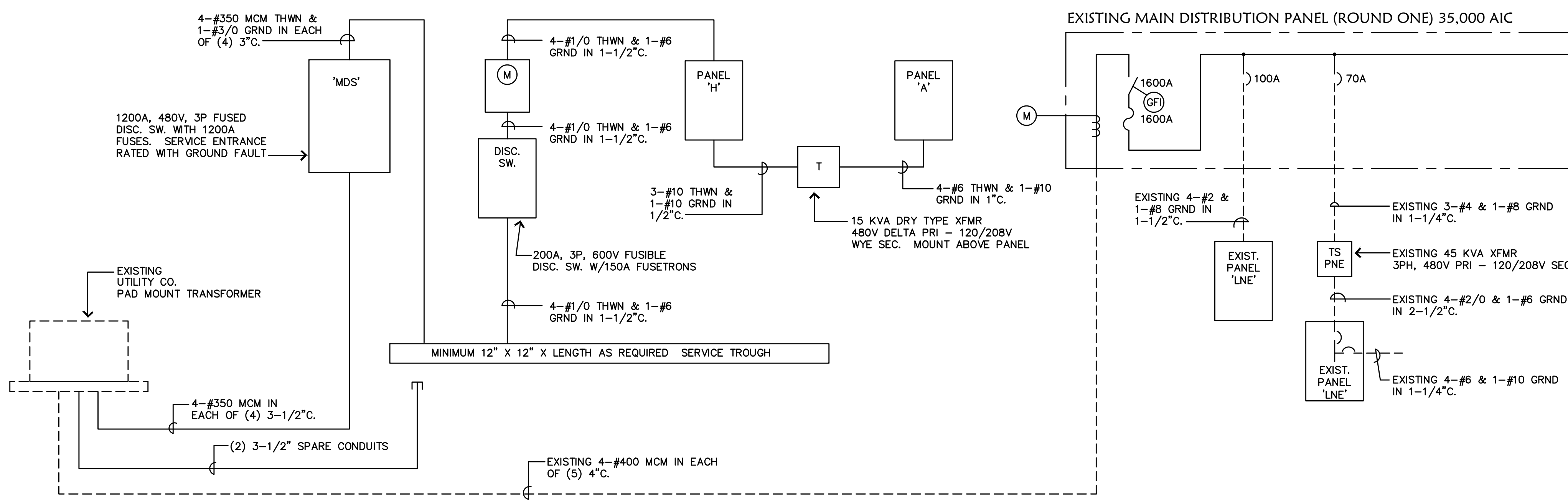
TYPICAL TRANSFORMER GROUNDING DETAIL
NTS

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
⊕	HUBBELL NO. HBL-GFRST20, 120V/20A DUPLEX RECEPTACLE WITH GROUND FAULT PROTECTION AT 18" A.F.F. OR AS NOTED - WP DENOTES WEATHERPROOF PLATE.
\$3	HUBBELL NO. HBL-1223, 120-277V/20A THREE-WAY TOGGLE SWITCH AT 48" A.F.F. UNLESS NOTED OTHERWISE.

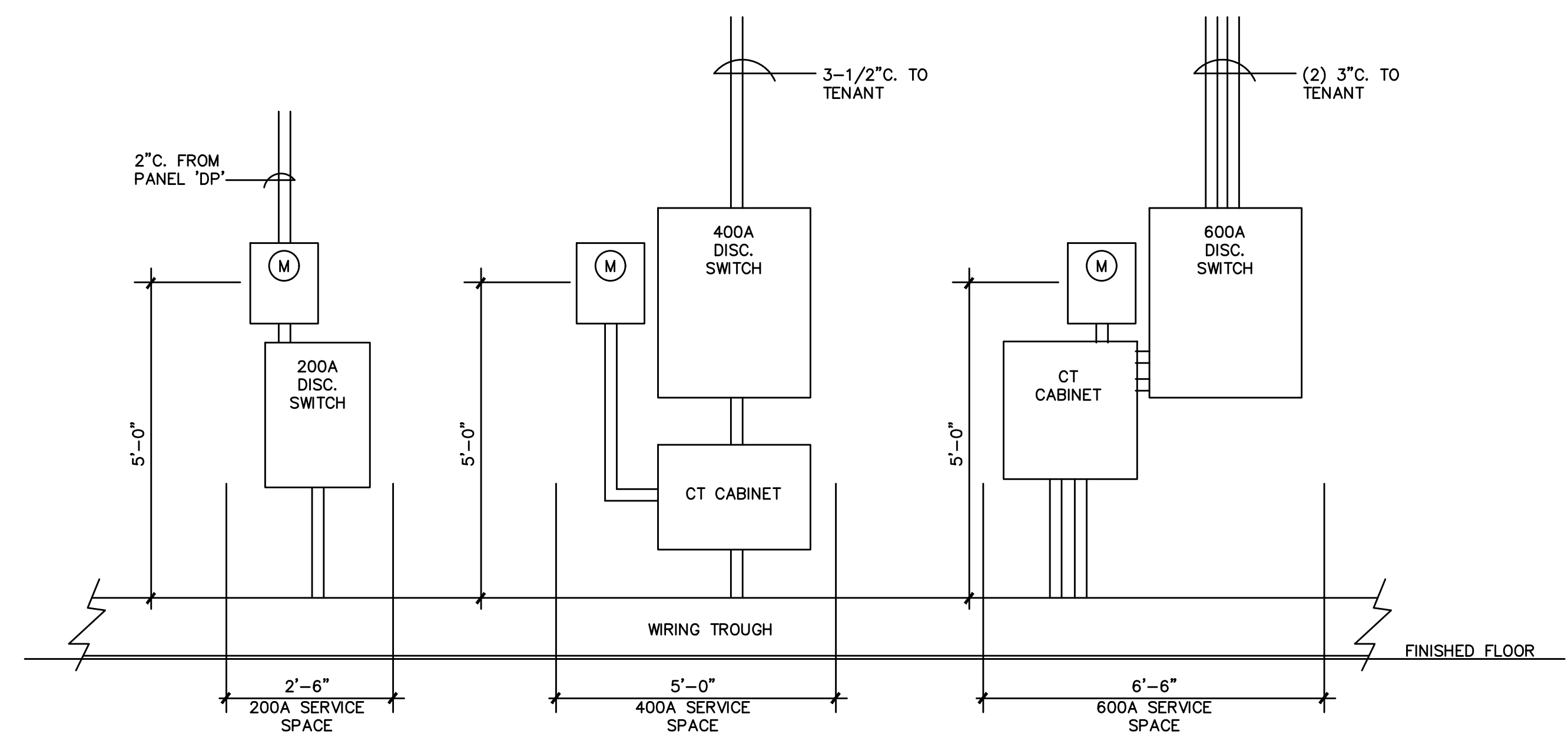
ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
⊕	FIRE ALARM SYSTEM - PULL STATION
⊕	FIRE ALARM SYSTEM - COMBINATION HORN/STROBE
⊕ WP	FIRE ALARM SYSTEM - WEATHERPROOF HORN/STROBE
⊕ SD	FIRE ALARM SYSTEM - CEILING SMOKE DETECTOR
⊕ FS	FIRE ALARM SYSTEM - FLOW SWITCH
⊕ TS	FIRE ALARM SYSTEM - TAMPER SWITCH
⊕ DD	FIRE ALARM SYSTEM - DUCT SMOKE DETECTOR
⊕	SIMPLEX NO. 4098-9842 TEST STATION - LOCATE IN CEILING TILE.



GROUNDING DETAIL
NO SCALE



ELECTRICAL RISER DIAGRAM
NTS



METER ELEVATIONS
NTS



ARCHITECT:
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Revision No.	Description	Date	By
05/05 FINAL		12-03-19	CUJ

ELECTRICAL SPECIFICATIONS

SHELL PACKAGE - ROUND ONE
UNIT 900
SOUTH HILL MALL
3500 S. Meridian St
Puyallup, WA 98373

Project Information:
Project No.: 062-900
Date: 12-03-19
Drawn By: KMG
Checked By: CAJ

E-401

ELECTRICAL SPECIFICATIONS

1.01 RELATED REQUIREMENTS

A. REQUIREMENTS SPECIFIED IN DIVISION 1, INSTRUCTIONS TO BIDDERS, SUPPLEMENTAL GENERAL CONDITIONS, SPECIAL CONDITIONS, 16 AND ALL ITS SECTIONS, COMPRISE THE DOCUMENTS FOR THE ELECTRICAL CONTRACT.

B. THIS PROJECT HAS BEEN DESIGNED TO ADHERE TO AT LEAST THE MINIMUM RECOMMENDATIONS OF THE PREVAILING ELECTRICAL CODES. THE DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT ARE INTENDED TO BE THE INSTALLATION QUALITY AND NOT TO CONFORM TO A MINIMUM CODE STANDARD. WHEN THE DESIGN IS BELOW THE PREVAILING MINIMUM REQUIRED CODES AND ORDINANCES, THE CONTRACTOR SHALL INSTALL THE EQUIPMENT TO THE CODE MINIMUM AT NO ADDITIONAL COST TO THE OWNER.

1.02 INSPECTION

A. ALL WORK SHALL BE INSPECTED BY THE AUTHORITY HAVING JURISDICTION. UPON COMPLETION OF THE WORK, THIS CONTRACTOR SHALL FURNISH TO THE ARCHITECT A CERTIFICATION OF INSPECTION AND APPROVAL FROM SAID AUTHORITY BEFORE FINAL PAYMENT ON CONTRACT WILL BE ALLOWED. FEE FOR THE INSPECTION SHALL BE PART OF THE CONTRACT, THE COST OF WHICH SHALL BE INCLUDED IN THIS CONTRACTOR'S BID.

1.03 CODES

A. PERFORM ALL WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AS ISSUED BY THE NATIONAL FIRE PROTECTION ASSOCIATION INTERNATIONAL, NATIONAL ELECTRICAL SAFETY CODE, STANDARDS OF THE NATIONAL BUREAU OF THE FIRE UNDERWRITERS AND ANY LOCAL CODES OR ORDINANCES.

1.04 SHOP DRAWINGS

A. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT DETAILED, DIMENSIONED SHOP DRAWINGS COVERING ALL ITEMS OF EQUIPMENT AND BROCHURES OF ALL LIGHTING FIXTURES. NO EQUIPMENT SHALL BE PUT INTO MANUFACTURE OR ORDERED UNTIL THESE SHOP DRAWINGS OR BROCHURES HAVE BEEN APPROVED BY THE ARCHITECT. SHOP DRAWINGS SHALL BE SUBMITTED FOR DEVICES, LIGHT FIXTURES, SOUND SYSTEMS, CARD ACCESS, FIRE ALARM AND LIGHTING CONTROL.

1.05 EXAMINATION OF SITE

A. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE OF THE WORK AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE WORK.

1.06 WORKMANSHIP

A. ELECTRICAL WORK SHALL BE INSTALLED BY JOURNEYMEN ELECTRICIANS, SUPERVISED BY COMPETENT FOREMEN AND WORKMANSHIP IN ACCORDANCE WITH THE BEST PRACTICE OF THE TRADE.

1.07 EQUIPMENT IDENTIFICATION

PROVIDE NAME PLATES ON ALL EQUIPMENT. LETTERING SHALL INCLUDE NAME OF EQUIPMENT, THE SPECIFIC UNIT NUMBER, AND ANY REFERENCE TO ON-OFF OR OTHER INSTRUCTIONS THAT ARE APPLICABLE. NAME PLATES SHALL BE LAMINATED PHENOLIC WITH A BLACK SURFACE AND WHITE CORE.

1.08 MATERIALS AND EQUIPMENT

A. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND OF THE TYPE LISTED BY UNDERWRITERS LABORATORIES, INC. AND SHALL BE IN STRICT CONFORMITY WITH THE LATEST STANDARDS OF THE INDUSTRY.

B. WHERE MATERIALS, EQUIPMENT, APPARATUS OR OTHER PRODUCTS ARE SPECIFIED BY MANUFACTURER, BRAND NAME, TYPE, CATALOG NUMBER, OR SUCH DESIGNATION AS TO ESTABLISH STANDARDS OF DESIRED QUALITY AND STYLE AND SHALL BE THE BASIS OF THE BID. MATERIALS SO SPECIFIED, SHALL BE FURNISHED UNDER CONTRACT, WHERE TWO OR MORE DESIGNATIONS ARE LISTED, CHOICE OF THOSE DESIGNATED SHALL BE OPTIONAL TO THE CONTRACTOR.

1.09 TESTS

A. CONTRACTOR SHALL CONDUCT SUCH TESTS AND ADJUSTMENTS OF EQUIPMENT AS REQUIRED BY ARCHITECT OR NECESSARY TO VERIFY PERFORMANCE REQUIREMENTS. SUBMIT DATA TAKEN DURING SUCH TESTS TO ARCHITECT.

1.10 RECORD DRAWINGS

A. CONTRACTOR SHALL KEEP AN ACCURATE RECORD OF ALL DEVIATIONS FROM CONTRACT DRAWINGS AND SPECIFICATIONS. AT COMPLETION OF JOB AND BEFORE FINAL APPROVAL, MAKE ANY FINAL CORRECTIONS TO DRAWINGS AND CERTIFY TO THE ACCURACY OF EACH PRINT BY SIGNATURE THEREON AND DELIVER SAME TO ARCHITECT.

1.11 LOAD BALANCE AND ADJUSTMENT

A. THIS CONTRACTOR SHALL FURNISH PERSONNEL AND EQUIPMENT AND INSURE THAT BUILDING POWER, LIGHTING, MOTOR AND APPLIANCE LOADS ARE BALANCED BETWEEN PHASES OF SERVICE ENTRANCE, DISTRIBUTION FEEDERS AND/OR TRANSFORMERS AS CLOSELY AS POSSIBLE.

1.12 CUTTING AND PATCHING

A. ALL PENETRATIONS OF FIRE RATED WALLS OR CEILING SHALL BE AS DIRECTED BY THE ARCHITECT. ALL OPENINGS SHALL BE SEALED ADEQUATELY AND SHALL MAINTAIN THE INTEGRITY OF THE RATED WALL OR CEILINGS. THE ELECTRICAL CONTRACTOR SHALL DO ALL CUTTING, PATCHING, TRENCHING AND BACKFILLING REQUIRED TO PERFORM HIS WORK.

1.13 SCOPE OF WORK

A. THE ELECTRICAL CONTRACTOR SHALL INCLUDE ALL LABOR, MATERIAL, SUPERVISION, TOOLS AND EQUIPMENT NECESSARY TO PERFORM THE ELECTRICAL WORK AS SHOWN ON THE DRAWINGS AND/OR DESCRIBED IN THESE SPECIFICATIONS OR AS NECESSARY TO COMPLETE THE PROJECT.

B. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL WORK WITH THE POWER COMPANY. THIS CONTRACTOR SHALL INCLUDE IN HIS BID THE COST OF ALL WORK AND MATERIALS NECESSARY FOR A COMPLETE ELECTRIC SERVICE.

C. INSTALL NEW ELECTRIC DISTRIBUTION SYSTEM, INCLUDING ALL FEEDERS, PANELS, BRANCH CIRCUITS, DEVICES, PLATES AND SAFETY SWITCHES AS SHOWN.

D. INSTALL ALL LIGHTING FIXTURES INCLUDING ALL LAMPS AND SUPPORTS.

E. MAKE FINAL CONNECTIONS TO MECHANICAL EQUIPMENT, INCLUDING CONTROLS AS OUTLINED ON THE DRAWINGS AND IN DIVISION 15. PROVIDE AND INSTALL STARTERS, CONTROLS AND INDICATING LIGHTS AS NOTED ON THE DRAWINGS OR AS REQUIRED.

F. PROVIDE AND INSTALL TEMPORARY LIGHT AND POWER AND REMOVE SAME WHEN DIRECTED.

G. PROVIDE AN EMPTY CONDUIT SYSTEM FOR TELEPHONE SYSTEM AS SHOWN ON THE PLANS INCLUDING SERVICE CONDUIT, BACKBOARD, ETC.

H. PROVIDE DEMOLITION AS INDICATED ON THE PLANS AND AS REQUIRED SO AS NOT TO IMPED THE REMODELING. MAINTAIN CIRCUIT CONTINUITY TO ALL DOWNSTREAM EQUIPMENT.

SECTION 16100 MATERIALS & EQUIPMENT

1.01 SERVICE

A. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL WORK WITH THE POWER COMPANY. THIS CONTRACTOR SHALL INCLUDE IN HIS BASE BID THE COST OF ALL WORK AND MATERIALS NECESSARY FOR A COMPLETE ELECTRIC SERVICE.

1.02 CONDUIT

A. ALL WIRING SHALL BE INSTALLED IN CONDUIT. ALL CONDUIT SHALL BEAR THE UL LABEL. GALVANIZED ELECTRICAL METALLIC TUBING (EMT) WITH SET SCREW TYPE STEEL COUPLINGS AND CONNECTORS, MAY BE USED WHERE CONCEALED IN WALLS OR CEILINGS.

B. CONDUIT IN EARTH OR IN CONCRETE SLABS SHALL BE GALVANIZED RIGID HEAVYWALL CONDUIT OR SCHEDULE 40 PVC CONDUIT.

C. CONDUIT RUN EXPOSED OUTDOORS SHALL BE GALVANIZED RIGID HEAVYWALL.

D. MINIMUM CONDUIT SHALL BE 1/2 INCH TRADE SIZE.

E. FLEXIBLE CONDUIT SHALL BE MINIMUM 1/2 INCH TRADE SIZE.

F. MINIMUM CONDUIT SIZE FOR HOME RUNS SHALL BE 3/4" INCH TRADE.

G. NO CONDUIT SHALL REST ON OR BE SUPPORTED FROM ACOUSTICAL TILE CEILINGS.

1.03 WIRE

A. ALL WIRING SHALL BE COPPER. FURNISH AND INSTALL MINIMUM (UNLESS NOTED OTHERWISE ON DRAWINGS) TYPE THWN 600 VOLT, 75 DEGREES C WIRE FOR GENERAL USE. MINIMUM SIZE OF CONDUCTORS SHALL BE NO. 12 (UNLESS SHOWN OTHERWISE ON THE DRAWINGS).

B. JOINTS IN NUMBER 12 AWG AND SMALLER WIRE SHALL BE MADE WITH MINNESOTA MINING AND MANUFACTURING CO. INSULATED "SCOTCHLOCKS", IDEAL CO., "WING-NUT", T & B CO., "PIGGY" CONNECTORS, OR WITH MECHANICALLY CRIMPED SLEEVES AS MANUFACTURED BY T & B OR IDEAL.

C. JOINTS IN NO. 8 AWG AND LARGER SHALL BE MADE WITH PRESSURE TYPE MECHANICAL CONNECTORS AND INSULATED WITH ELECTRICAL TAPE TO 150% OF THE INSULATING VALUE OF THE CONDUCTOR INSULATION.

1.04 MC CABLE

A. MC CABLE MAY BE USED FOR BRANCH CIRCUIT WIRING WHERE PERMITTED BY ARTICLE 330 OF THE NATIONAL ELECTRICAL CODE. MC CABLE WILL HAVE A U.L. LABEL AND BE APPROVED FOR THE USE.

1.05 OUTLET BOXES

A. BOXES USED FOR DEVICES, CIRCUIT OUTLETS AND JUNCTION BOXES SHALL BE GALVANIZED PRESSED STEEL CAPABLE OF BEING MOUNTED IN ANY POSITION. ALL BOXES SHALL HAVE SIDE AND BACK KNOCKOUTS WITH SMOOTH CLEAN EDGES. KNOCKOUTS SHALL BE A COMBINATION OF 1/2" AND 3/4".

1.06 DEVICES

A. THE ARCHITECT AND/OR THE ENGINEER RESERVE THE RIGHT TO CHANGE OUTLET LOCATIONS UP TO THE TIME OF ROUGH-IN WITHOUT ADDITIONAL COST.

B. ALL DEVICES SHALL BE FIRMLY SECURED TO BOXES.

C. SPECIFICATIONS GRADE DUPLEX RECEPTACLES AND SWITCHES SHALL BE FURNISHED AS SHOWN ON THE DRAWINGS.

D. ALL PLATES SHALL BE SUITED FOR THE NUMBER OF DEVICES USED. STAMPED IN ONE PIECE AND WITH COUNTERSUNK SCREW HOLES. FURNISH AND INSTALL METAL SCREWS WITH A FINISH TO MATCH THE FINISH OF THE PLATES.

1.07 FIXTURES

A. ALL LUMINARIES AND LIGHTING EQUIPMENT SHALL BE DELIVERED TO THE BUILDING COMPLETE WITH SUSPENSION ACCESSORIES, CANOPIES, HOOKS, CASINGS, SOCKETS, HOLDERS, REFLECTORS, BALLASTS, DIFFUSING MATERIAL, LOUVERS, GUARDS, PLASTER FRAMES, RECESSING BOXES, ETC., ALL WIRED AND ASSEMBLED.

B. ALL PLASTIC ENCLOSURES SHALL BE MANUFACTURED WITHOUT IMPERFECTION. THESE PLASTICS SHALL BE MADE OF VIRGIN ACRYLIC AND BE FREE OF BURRS OR VOIDS.

C. FIXTURES SHALL BE SUPPORTED INDEPENDENT OF CEILING SYSTEM. PROVIDE MINIMUM OF TWO SUPPORTS (AT OPPOSITE CORNERS) ON ALL LAY-IN FIXTURES.

D. ACCEPTABLE MANUFACTURERS SHALL BE HUBBELL, ACUITY BRANDS AND COOPER.

1.08 MOTORS AND CONTROLS

A. GENERALLY, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAIN FEEDER WIRING AND THE CONTROL WIRING WHERE NOTED ON THE DRAWINGS.

B. ALL MOTOR TERMINATIONS FROM THE STARTERS SHOWN SHALL BE DONE IN FLEXIBLE SEALTITE CONDUIT TO ABSORB VIBRATION.

C. ELECTRICAL CONTRACTOR SHALL VERIFY NAME PLATE DATA ON ALL MOTORS TO INSURE INSTALLATION IS IN ACCORDANCE WITH APPROPRIATE SECTIONS OF THE NEC.

D. ENCLOSURES IN DAMP AND WET LOCATIONS OR WHERE EXPOSED TO WEATHER SHALL BE NEMA 3R.

1.09 DISTRIBUTION PANELBOARDS

A. FURNISH AND INSTALL DISTRIBUTION AND POWER PANELBOARDS AS INDICATED IN THE PANELBOARD SCHEDULE AND WHERE SHOWN ON THE PLANS. PANELBOARDS SHALL BE PROVIDED WITH ALUMINUM BUS AND DEAD-FRONT, SAFETY TYPE. B. PANELBOARD BUS STRUCTURE AND MAIN LUGS OR MAIN SWITCH SHALL HAVE CURRENT RATINGS AS SHOWN ON THE PANELBOARD SCHEDULE. SUCH RATINGS SHALL BE ESTABLISHED BY HEAT AND RISE TESTS WITH MAXIMUM HOT SPOT TEMPERATURE ON ANY CONNECTOR OR BUS BAR NOT TO EXCEED 50 DEGREE C, RISE ABOVE AMBIENT.

C. EQUIP EACH SWITCH WITH A CIRCUIT CARDHOLDER AND TYPED CARD IDENTIFYING THE CIRCUIT. PROVISIONS FOR ADDITIONAL SWITCHES SHALL BE SUCH THAT NO ADDITIONAL CONNECTORS WILL BE REQUIRED TO ADD SWITCHES.

D. EACH PANELBOARD, AS A COMPLETE UNIT, SHALL HAVE A RATING EQUAL TO OR GREATER THAN THE INTEGRATED EQUIPMENT RATING SHOWN ON THE PANELBOARD SCHEDULE ON THE PLANS.

E. PANELBOARD ASSEMBLY SHALL BE ENCLOSED IN A STEEL CABINET. THE RIGIDITY AND GAUGE OF STEEL TO BE AS SPECIFIED IN UL STANDARD 50 FOR CABINETS. END WALLS SHALL BE REMOVABLE. FRONTS SHALL BE OF CODE GAUGE, FULL-FINISHED STEEL WITH RUST INHIBITING PRIMER AND BAKED ENAMEL FINISH.

F. PANELBOARDS SHALL BE LISTED BY UNDERWRITERS LABORATORIES AND SHALL BEAR THE UL LABEL. PANELBOARDS SHALL BE SQUARE D, I-LINE OR EQUAL.

1.10 LIGHTING AND APPLIANCE PANELBOARDS

A. FURNISH AND INSTALL CIRCUIT BREAKER LIGHTING PANELBOARDS AS INDICATED IN THE PANELBOARD SCHEDULE AND WHERE SHOWN ON THE PLANS. PANELBOARDS SHALL HAVE ALL ALUMINUM BUS AND BE OF A DEAD-FRONT SAFETY TYPE, EQUIPPED WITH THERMAL MAGNETIC MOLDED CASE CIRCUIT BREAKERS WITH FRAME AND TRIP RATING AS SHOWN ON THE SCHEDULE.

B. CIRCUIT BREAKERS SHALL BE QUICKMAKE, QUICK-BREAK, THERMAL MAGNETIC, TRIP INDICATING AND HAVE COMMON TRIP ON ALL MULTIPLE BREAKERS. CIRCUIT BREAKERS SHALL BE BOLT ON TYPE.

C. THE PANELBOARD BUS ASSEMBLY SHALL BE ENCLOSED IN A STEEL CABINET. THE SIZE OF THE WIRING GUTTERS AND GAUGE OF STEEL SHALL BE IN ACCORDANCE WITH NEMA STANDARDS. THE BOX SHALL BE FABRICATED FROM GALVANIZED STEEL OR EQUIVALENT RUST-RESISTANT STEEL.

D. FRONTS SHALL INCLUDE DOORS AND HAVE FLUSH, BRUSHED STAINLESS STEEL, CYLINDER TUMBLER-TYPE LOOKS WITH CATCHES AND SPRING-LOADED DOOR PULLS.

E. A CIRCUIT DIRECTORY FRAME AND CARD WITH A CLEAR PLASTIC COVERING SHALL BE PROVIDED. FRONTS SHALL BE OF CODE GAUGE, FULL FINISHED STEEL WITH RUST-INHIBITING PRIMER AND BAKED-ENAMEL FINISH.

F. PANELBOARDS SHALL BE LISTED BY UNDERWRITERS' LABORATORIES AND BEAR THE UL LABEL. PANELBOARDS SHALL BE SQUARE D, IITE OR GENERAL ELECTRIC CO. ALL PANELS SHALL BE OF CONSISTENT MANUFACTURER THROUGHOUT PROJECT AND ALL SHALL BE KEYPED ALIKE.

G. PANELBOARDS SHALL BE PROVIDED WITH A TYPE WRITTEN INDEX AS INDICATED ON THE PANEL SCHEMATIC AND SHALL INCLUDE ANY FIELD CHANGES.

H. PANELBOARDS SHALL HAVE A PERMANENT NAMEPLATE INSTALLED ON PANEL COVER INDICATING SOURCE/ORIGIN, VOLTAGE, PANEL DESIGNATION AND ARC FLASH.

