FREEMAN ROAD LOGISTICS BUILDING -B

PUYALLUP

Freeman Road E, Puyallup, WA - 98371

PERMIT SUBMITTAL



12503 Bel-Red Road, Suite 100 Bellevue, WA 98005 p 425 646 1818 f 425 646 4141



11411 NE 124th Street Suite 190 Kirkland, WA 98034

REVISIONS

2	01 31 24	PERMIT SUBMITTAL
1	10 14 22	SEPA RESUBMITTAL
D D	11 01 21	DESIGN REVIEW APPLICATION
C C	09 15 21	PRELIMINARY BID
В	03 19 21	SEPA APPLICATION
Α Α	01 05 21	PRE-APPLICATION

PROFESSIONAL STAMP



Digitally
signed by
Randy Brown
Date:
2024.02.01
09:18:01

PROJECT INFORMATION

-08'00'

BUILDING B

Freeman Logistics Puyallup, WA — 98371

SHEET INFORMATION

RELEASE FOR: PERMIT SUBMITTAL

TITLE: COVER SHEET

DESIGNED BY: DRAWN BY:

REVIEWED BY: APPROVED BY:

DATE: 01 05 21

SHEET NO: CS

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PROJECT NO: 201401.13.031

ABE	BREVIATIONS														
۷	ANGLE	CG	CORNER GUARD	EMER	EMERGENCY	GA	GAUGE	LG	LAMINATED GLASS	PL	PLATE OR PROPERTY	RWL	RAIN WATER LEADER	TIG	TEMPERED INSULATED
Œ.	CENTER LINE	CI	CAST IRON	ENCL	ENCLOSURE OR	GALV	GALVANIZED	LH	LEFT HAND		LINE	S	SOUTH		GLAZING
Ø	DIAMETER OR ROUND	CJT	CONTROL JOINT		ENCLOSED	GB	GRAB BAR	LL	LIVE LOAD	PLAM	PLASTIC LAMINATE	SC	SOLID CORE	TKBD	TACK BOARD
•	DEGREES	CLG	CEILING	EWC	ELECTRIC WATER COOLER	GL	GLASS OR GLAZING	LMS	LIQUID MARKING	PWD	PLYWOOD	SCD	SEAT COVER DISPENSER	TO	TOP OF
#	NUMBER OR POUND	CJ	CONSTRUCTION JOINT	EQ	EQUAL	GLBM	GLU-LAM BEAM		SURFACE	PNL	PANEL	SCHD	SCHEDULE	TOC	TOP OF CONCRETE
±	PLUS OR MINUS	CLK	CAULKING	EQPT	EQUIPMENT	GC	GENERAL CONTRACTOR	LT	LIGHT	PNT	PAINT	SD	SOAP DISPENSER OR	TOP	TOP OF PAVEMENT
Ţ	PERPENDICULAR	CLR	CLEAR	ESEW	EMERGENCY SHOWER/	GND	GROUND	LVT	LUXURY VINYL TILE	POL	POLISH		STORM DRAIN	TOS	TOP OF STEEL
۲_	PLATE	CMU	CONCRETE MASONRY		EYE WASH	GWB	GYPSUM WALL BOARD	LWC	LIGHT WEIGHT CONCRETE	PR	PAIR	SECT	SECTION	TOSL	TOP OF SLAB
AB	ANCHOR BOLT		UNIT	EST	ESTIMATE	GYP	GYPSUM	MAS	MASONRY	PRCST	PRECAST	SF	SQUARE FEET	TOW	TOP OF WALL
AC	ACOUSTICAL OR ASPHALT	CNTR	COUNTER	EXH	EXHAUST	HB	HOSE BIB	MATL	MATERIAL	PSF	POUNDS PER SQUARE	SHT	SHEET	TPD	TOILET PAPER
	CONCRETE	CO	CLEANOUT	EXP	EXPANSION	HBD	HARD BOARD	MAX	MAXIMUM		FOOT	SHTG	SHEATHING		DISPENSER
A/C	AIR CONDITIONING	COL	COLUMN	EX/EXIST	EXISTING	HC	HOLLOW CORE OR	MB	MACHINE BOLT	PSI	POUNDS PER SQUARE	SIG	SOLAR INSULATED	TPH	TOILET PAPER HOLDER
ACP	ACOUSTICAL PANEL	CONC	CONCRETE	EXP	EXPOSED		HANDICAP	MDO	MEDIUM DENSITY		INCH		GLAZING	TPTN	TOILET PARTITION
ACT	ACOUSTICAL TILE	CONN	CONNECTION	EXT	EXTERIOR	HD	HAND DRYER		OVERLAY	PT	PRESSURE TREATED	SIM	SIMILAR	TS	TUBULAR STEEL
ADD	ADDITIVE	CONSTR		FA	FIRE ALARM	HDR	HEADER	MDF	MEDIUM DENSITY	PTD	PAPER TOWEL	SK	SINK	TV	TELEVISION
ADH	ADHESIVE	CONT	CONTINUOUS	FB	FLAT BAR	HDWD	HARD WOOD		FIBERBOARD		DISPENSER	SLR	SEALER	TYP	TYPICAL
ADJ	ADJACENT	CORR	CORRIDOR	FBD	FIBER BOARD	HDWE	HARDWARE	MECH	MECHANICAL	PTD/R	PAPER TOWEL	SND	SANITARY NAPKIN	UL	UNDERWRITERS
ADJT	ADJUSTABLE	CPT	CARPET	FB0	FURNISHED BY OTHERS	НМ	HOLLOW METAL	MEMB	MEMBRANE		DISPENSER AND		DISPENSER		LABORATORY
AFF	ABOVE FINISH FLOOR	CT	CERAMIC TILE	FCIC	FURNISHED BY	HORIZ	HORIZONTAL	MTL	METAL		RECEPTACLE	SNR	SANITARY NAPKIN	UON	UNLESS OTHERWISE
AGG	AGGREGATE	CTR	CENTER		CONTRACTOR INSTALLED	HR	HOUR	MEZZ	MEZZANINE	PTN	PARTITION		RECEPTACLE		NOTED
AL	ALUMINUM	CTSK	COUNTER SINK		BY CONTRACTOR	HT	HEIGHT	MFR	MANUFACTURER	PTR	PAPER TOWEL	SNT	SEALANT	UR	URINAL
ALT	ALTERNATE	CY	CUBIC YARD	FCTY	FACTORY	HTG	HEATING	MH	MAN HOLE		RECEPTACLE	SPEC	SPECIFICATION	VAR	VARIES
AP	ACCESS PANEL	D	DEEP, DEPTH	FD	FLOOR DRAIN	HVAC	HEATING/VENTILIATION/	MIN	MINIMUM	PVC	POLYVINYL CHLORIDE	SPGL	SPANDREL GLASS	VCT	VINYL COMPOSITION TILE
APPROX	APPROXIMATE	DBL	DOUBLE	FDN	FOUNDATION		AIR CONDITIONING	MIR	MIRROR	PVMT	PAVEMENT	SQ	SQUARE	VENT	VENTILATOR
ARCH	ARCHITECTURAL	DEPT	DEPARTMENT	FE	FIRE EXTINGUISHER	HWH	HOT WATER HEATER	MISC	MISCELLANEOUS	QT	QUARRY TILE	SS	SOLID SURFACING	VERT	VERTICAL
AWF	ACOUSTICAL WALL FABRIC	DET	DETAIL	FEC	FIRE EXTINGUISHER	IBC	INTERNATIONAL BUILDING	MO	MASONRY OPENING	R	RISER	SST	STAINLESS STEEL	VEST	VESTIBULE
AWP	ACOUSTICAL WALL PANEL	DIA	DIAMETER		CABINET		CODE	MTD	MOUNTED	RA	RETURN AIR	SSK	SERVICE SINK	VNR	VENEER
BD	BOARD	DIAG	DIAGONAL	FF	FINISHED FLOOR	ID	INSIDE DIAMETER/	MULL	MULLION	RAD	RADIUS	STA	STATION	VR	VAPOR RETARDER
BETW	BETWEEN	DIM	DIMENSION	FIN	FINISH		DIMENSION '	Ν	NORTH	RB	RESILIENT BASE	STC	SOUND TRANSMISSION	W	WEST
BLDG	BUILDING	DISP	DISPENSER	FL	FLOOR	IG	INSULATED GLASS	NIC	NOT IN CONTRACT	R&S	ROD & SHELF		CLASS	W/	WITH
BLK	BLOCK	DMPF	DAMP PROOFING	FLG	FLASHING	IN	INCH	NO/#	NUMBER	RD	ROOF DRAIN	STN	STAIN	W/O	WITHOUT
BLKG	BLOCKING	DN	DOWN	FLUOR	FLUORESCENT	INCL	INCLUDE	NOM	NOMINAL	RD/O	ROOF DRAIN OVERFLOW	STD	STANDARD	WC	WATER CLOSET
BM	BEAM	DR	DOOR OR DRAIN	FOC	FACE OF CONCRETE	INSUL	INSULATION	NRC	NOISE REDUCTION	REBAR	REINFORCING BAR	STL	STEEL	WD	WOOD
BRG	BEARING	DWR	DRAWER	FOF	FACE OF FINISH	INT	INTERIOR		COEFFICIENT	REF	REFERENCE, REFLECTED	STOR	STORAGE	WDO	WINDOW
BO	BOTTOM OF	DS	DOWNSPOUT	FOIC	FURNISH BY OWNER	INV	INVERT	NTS	NOT TO SCALE	REFR	REFRIGERATOR	STRL	STRUCTURAL	WF	WIDE FLANGE
BOT	BOTTOM	DW	DISHWASHER		INSTALL BY CONTRACTOR	JAN	JANITOR	OA	OVERALL	REINF	REINFORCED	SUSP	SUSPENDED	WG	WIRE GLASS
BSMT	BASEMENT	DWG	DRAWING	FOIO	FURNISH BY OWNER	JST	JOIST	OBS	OBSCURE	REQ	REQUIRED	SV	SHEET VINYL	WM	WIRE MESH
BUR	BUILT UP ROOF	E	EAST		INSTALL BY OWNER	JT	JOINT	OC	ON CENTER	REV	REVISION	SYM	SYMMETRICAL	WOM	WALK OFF MAT
CAB	CABINET	EA	EACH	FOS	FACE OF STUD	KO	KNOCK OUT	OD	OUTSIDE DIAMETER/	RH	RIGHT HAND OR ROBE	SWC	SPECIAL WALL COVERING	WP	WATER PROOF
CB	CATCH BASIN	EB	EXPANSION BOLT		FREEZE PROOF WALL	KS	KNEE SPACE		DIMENSION		HOOK	T	TREAD	WPT	WORKING POINT
CBU	CEMENTITIOUS BACKER	EJ	EXPANSION JOINT		HYDRANT	LAB	LABORATORY	ОН	OVERHEAD	RESIL	RESILIENT	TB	TOWEL BAR	WR	WATER RESISTANT
	UNIT	EIFS	EXTERIOR INSULATED	FS	FULL SIZE	LAM	LAMINATE	OPH	OPPOSITE HAND	RIO	ROUGH-IN ONLY	T&B	TOP & BOTTOM	WSCT	WAINSCOT
CMT	CEMENT		FINISH SYSTEM	FT	FEET	LAV	LAVATORY	OPNG	OPENING	RM	ROOM	T&G	TONGUE & GROOVE	WT	WEIGHT
CL	CENTER LINE	EL	ELEVATION	FTG	FOOTING	LB	LAG BOLT	OPP	OPPOSITE	RO	ROUGH OPENING	TG	TEMPERED GLASS	WWF	WELDED WIRE FABRIC
CER	CERAMIC	ELEC	ELECTRIC	FURR	FURRING	LF	LINEAL FOOT	PBD	PARTICLE BOARD	RT	RESILIENT/RUBBER TILE	THK	THICK	XFMR	TRANSFORMER
CEM	CLIDIC EEET DED MINILITE	FL F\/	FI FVATOR	FUT	FUTUDE	1	LONG LENGTH	DEDD	DEDDENDICH AD		NEOSEETTI NODDEN TILL	THR	THRESHOLD	VD	VADD

PERP PERPENDICULAR

NORTH

— X — FENCE LINE

PROJECT NORTH

EXTERIOR GLAZED

OPENING NO.

IDENTIFICATION

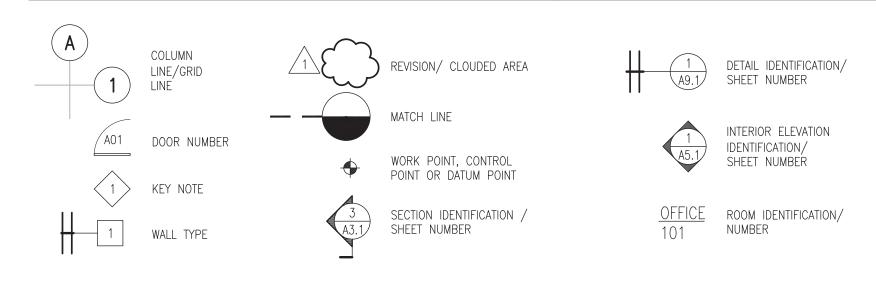
IDENTIFICATION

EQUIPMENT

LONG, LENGTH

SYMBOLS

CFM CUBIC FEET PER MINUTE ELEV ELEVATOR



FUT FUTURE

ZONING INFORMATION

THRESHOLD

RUB RUBBER

1. Jurisdiction:	PUYALLUP, WASHINGTON
2. Present Zoning:	ML - LIMITED MANUFACTURING W/ FREEMAN ROAD OVE
3. Projected site use requires:	DESIGN CODE COMPLIANCE
4. Use Zone Adjacent Lots:	N & E ML S RM-10 W CITY OF FIFE: MDR
 5. Special Regulations Applicable: A. Shoreline Management Act Setback required B. Flood Plain or Waterway C. Airport open use/glide path D. Storm Water Retention/Rur E. Fire Lane Requirements 	
6. Setbacks For 40' Structure Required: West	
7. Easements, Vacations, restrictiv	re convenants as applicable:

	SEE CIVIL DRAWINGS			
8.	Parking			
	Building Shell (Office space	area is speculative)		
	Office	10,000 SF 1	Stall/300 SF	33.33 Stal
	Warehouse	247,628 SF 1	Stall/3,000 SF	82.5 Stal
	Parking Stalls Required	5 _ Accessible (1 _	_Van) <u>111</u> Parking	116 _ Tota
	Parking Stalls Provided	6_ Accessible (2	Van) <u>134</u> Parking	140 _ Tota
	Standard:	91 SIZE: 9'-0" x 20'-	-0"	
	Compact:	43 SIZE: 8'-0" x 17'-	-0" (MIN 309	%, MAX 50%)
	Bicycle:	(5) REQUIRED PER 20.55	.016(2)	

Electric Vehicle Charging Infrastructure: REQ PER WA STATE AMEND 2018 IBC 429.2 510,579 SF 11.72 Acres 9. Total Site Area 10. Lot Coverage 50.4 %

VICINITY MAP

PUYALLUP, WASHINGTON

				•						
2.	Present Zoning:	ML -	· LI	MITED	MANUFA	ACTURING	W/	FREEMAN	ROAD	OVERLA
3.	Projected site use requires:	DESIG	SN	CODE	COMPLIA	ANCE				
4.	Use Zone Adjacent Lots:		-	ML CITY 0	F FIFE:	S <u>RM-1</u> MDR	0			
5.	Special Regulations Applicable: A. Shoreline Management Act Setback required B. Flood Plain or Waterway C. Airport open use/glide path D. Storm Water Retention/Run E. Fire Lane Requirements		_	26'	Yes _ Yes _ Yes _	X X	No_ No_ No_	X		
6.	Setbacks For 40' Structure Required: West Y							<u>0'-0"</u> <u>36'-8"</u>		
7.	Easements, Vacations, restrictive SEE CIVIL DRAWINGS	e conv	/en	ants a	s applio	cable:				
8.	Parking Building Shell (Office space are	ea is :	spe	culativ						

YD YARD

TOTAL POINTS REQUIRED: C406.2 MORE EFFICIENT HVAC EQUIPMENT C406.3 REDUCED LIGHTING POWER

5. THE AIR LEAKAGE RATE OF THE BUILDING ENVELOPE(S) SHALL NOT EXCEED 0.25 CFM/FT2 AT A PRESSURE DIFFERENTIAL OF 0.3 INCHES WATER GAUGE. A BLOWER DOOR TEST SHALL BE CONDUCTED FOLLOWING ALL PROCEDURES OUTLINED IN 2018 WSEC C402.5.1.2.

0420201045 :	SECTION 20 TOWNSHIP 20 RANGE 04 QUARTER 11 : BEG 15 FT E & 429 FT S OF NW COR NE OF NE TH S 172 FT TH E 167.8 FT TH N 172 FT TH W 166.79 FT M/L TO BEG
0420201042 :	SECTION 20 TOWNSHIP 20 RANGE 04 QUARTER 11 : BEG 601 FT S & 181.79 FT E OF NW COR OF NW OF NE OF NE TH N 172 FT TH E 330 FT TH S 172 FT TH W 330 FT TO BEG
0420201027 :	SECTION 20 TOWNSHIP 20 RANGE 04 QUARTER 11 : S 75 FT OF NW OF NE OF NE
0420201036 :	SECTION 20 TOWNSHIP 20 RANGE 04 QUARTER 11 : BEG NW COR S 1/2 OF NE OF NE TH S 297.5 FT E 294 FT TH N297.5 FT TH W 294 FT TO BEG LESS W 15 FT CO RD
0420205004 :	SECTION 20 TOWNSHIP 20 RANGE 04 QUARTER 11 : L 2 OF S P 80-09-26-0306 FORMERLY 75-171 EASE OF RECORDOUT OF 1-091 SEG N-0810 PP EMS
0420205003:	SECTION 20 TOWNSHIP 20 RANGE 04 QUARTER 11 : L 1 OF SHORT PLAT 80-09-26-0306 FORMERLY 75-171 EASE OFRECORD OUT OF 5-001 SEG N-0810 PP EMS
0400001101	CECTION OF TOWARDUE OF DANIOR OF CHAPTER 11 . F 700 FT OF W C10 FT OF C 1/0 OF NE

OF NE OUT OF 1-002 SEG M-3335 GD EMS

GENERAL NOTES

- 1. DIMENSIONS ARE TO FACE OF STUD, CONCRETE OR CENTER LINE OF COLUMN, UNLESS OTHERWISE NOTED.
- 2. DO NOT SCALE DRAWINGS; DIMENSIONS GOVERN.
- 3. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, DETAILS, ETC. NOTIFY ARCHITECT OF ANY AND ALL DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK.
- 4. WHEN CONSTRUCTION DETAILS ARE NOT SHOWN OR NOTED FOR ANY PART OF THE WORK, DETAILS SHALL BE THE SAME AS FOR OTHER SIMILAR WORK. IF QUESTIONS CANNOT BE RESOLVED IN THIS MANNER, CONTACT THE ARCHITECT.
- 5. VERIFY ELEVATIONS & LOCATIONS TO BE JOINED BEFORE CONSTRUCTION. CONTACT ARCHITECT IF THEY DIFFER FROM THOSE SHOWN ON DRAWINGS.
- 6. ALL ROUGH-INS TO BE APPROVED PRIOR TO FRAMING INSPECTION.
- 7. MECHANICAL, ELECTRICAL, AND PLUMBING ARE BIDDER DESIGN. PORTIONS OF THIS WORK SHOWN ON DRAWINGS IS FOR DESIGN INTENT OR FOR COORDINATION ONLY.
- 8. MECHANICAL DESIGN/BUILD CONTRACTOR SHALL PROVIDE A MECHANICAL VENTILATION SYSTEM CAPABLE OF SUPPLYING THE MINIMUM OUTDOOR AIR QUANTITIES SPECIFIED IN THE 2018 IMC WITH WASHINGTON AMENDMENTS.
- 9. ELECTRICAL DESIGN/BUILD CONTRACTOR SHALL PROVIDE AND INSTALL MEANS OF EGRESS ILLUMINATION AND ILLUMINATED EXIT SIGNS PER 2018 IBC SECTIONS 1008 AND 1013.
- 10. SEPARATE PERMIT SUBMITTALS: GRADING PERMIT DEMOLITION PERMIT FOR EXISTING STRUCTURES FIRE ALARM MEETING NFPA 72 REQUIREMENTS

SPRINKLERS MEETING NFPA 13 REQUIREMENTS UNDERGROUND WATER SUPPLY FOR FIRE SPRINKLER SYSTEMS ELECTRICAL

PROJECT INFORMATION

SEWER PERMIT

PROJECT SCOPE: NEW INDUSTRIAL BUILDING: TILT UP CONSTRUCTION

PROJECT ADDRESS: SEE LEGAL DESCRIPTION BUILDING OWNER: CRP/VDC FREEMAN LOGISTICS

PROPERTY TAX NO.: 0420201045, 0420201042, 0420201027, 0420201036, 0420205004, 8009260306, 0420201101.

TENANT: TBD ARCHITECT:

SYNTHESIS ARCHITECTS PLLC 12503 NE BEL-RED ROAD, SUITE 100 BELLEVUE, WA 98005 CONTACT: RANDY BROWN | PRINCIPAL ARCHITECT (425) 646-1818 OFFICE

(206) 228-8000 CELLPHONE STRUCTURAL: SHUTLER CONSULTING ENGINEERS 12503 NE BEL-RED ROAD, SUITE 100

BELLEVUE, WA 98005 CONTACT: JOHN HEADLAND | PRINCIPAL ENGINEER (425) 450-4075 OFFICE

ENERGY CODE

1.	ENERGY CODE COMPLIANCE: WAREHOUSE AREAS: COMPLIANCE METHOD:	SEMI-HEATED COMPONENT
2.	INSULATION REQUIREMENTS: ROOF INSULATION: WALL INSULATION: PERIMETER SLAB INSULATION: MAN DOORS SECTIONAL DOORS: FIXED WINDOWS: METAL ENTRANCES: SKYLIGHTS:	RIGID CONTINUOUS OVER DECK: R-32 NONE NONE U-0.37 R-16 SEE SHEET A3.1 SEE SHEET A3.1 SEE SHEET A3.1
3.	SHADING COEEFICIENTS FIXED WINDOWS: METAL ENTRANCES: SKYLIGHTS:	SEE SHEET A3.1 SEE SHEET A3.1 SEE SHEET A3.1
4.	EFFICIENCY PACKAGES:	

0420201045 :	SECTION 20 TOWNSHIP 20 RANGE 04 QUARTER 11 : BEG 15 FT E & 429 FT S OF NW COR NE OF NE TH S 172 FT TH E 167.8 FT TH N 172 FT TH W 166.79 FT M/L TO BEG
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0420201101 :	SECTION 20 TOWNSHIP 20 RANGE 04 QUARTER 11 : E 322 FT OF W 616 FT OF S 1/2 OF NE

INDEX OF DRAWINGS

<u>ARCHITECTURAL</u> CS COVER SHEET G1.1 GENERAL INFORMATION, CODES A1.1 OVERALL SITE PLAN A1.1-B SITE PLAN A1.2 SITE DETAILS & ENLARGED SITE PLANS A2.1 FLOOR PLAN A2.2 CLERESTORY PLAN A2.3 ROOF PLAN

A3.1 DOOR AND GLAZING SCHEDULE, EXTERIOR OPENING TYPES, DOOR AND HARDWARE NOTES A3.2 WALL TYPES, ROOF ACCESS LADDER DETAIL, ENLARGED PLANS A4.1 EXTERIOR ELEVATIONS

A4.3 WALL SECTIONS A4.4 WALL SECTIONS

A8.1 EXTERIOR DETAILS

<u>STRUCTURAL</u>

S1.0 GENERAL NOTES S1.01 SPECIAL INSPECTIONS, ABBREVIATION LIST & SECTIONS

S1.1 FOUNDATION SECTIONS S2.0 FOUNDATION PLAN S2.1 ROOF FRAMING PLAN

A8.2 EXTERIOR DETAILS

S3.0 SCHEDULES & DIAGRAMS

S3.1 SCHEDULES & DIAGRAMS S5.0 ROOF FRAMING SECTIONS

S5.1 ROOF FRAMING SECTIONS S6.0 P.C. PANEL CONNECTIONS, PANEL DETAILS & PANEL KEY

S6.1 P.C. PANEL ELEVATIONS S6.2 P.C. PANEL ELEVATIONS S6.3 P.C. PANEL ELEVATIONS S6.4 P.C. PANEL ELEVATIONS

S6.5 P.C. PANEL ELEVATIONS S6.6 P.C. PANEL ELEVATIONS S6.7 P.C. PANEL ELEVATIONS

S6.8 P.C. PANEL ELEVATIONS

LANDSCAPE & IRRIGATION L-1 LANDSCAPE PLAN

L-2 LANDSCAPE PLAN L-3 LANDSCAPE DETAILS L-4 IRRIGATION PLAN

L-5 IRRIGATION PLAN L-6 IRRIGATION DETAILS

<u>MECHANICAL</u> M-001 COVER SHEET M-201 OVERALL FLOOR PLAN M-202 ROOF PLAN M-501 DETAILS

<u>PLUMBING</u>

P-1.0 WATER, SEWER & ROOF DRAIN PLANS

CODE INFORMATION

Code Edition: 2018 IBC, 2018 IFC, 2018 IMC, 2018 UPC, 2018 WSEC (WAC 51-11), ICC/ANSI A117.1-2009; WASHINGTON STATE AMENDMENTS TO THE ABOVE (WAC 51-50).

Amended by Local Jurisdiction Yes _____ No __X Date _____ Construction: New X Addition _____ Alteration _____

BUILDING CLASSIFICATION

Repair

A. Occupancy Classification (Section 302) B / F-1 / S-1

B. Type of Construction (Section 601) 1. Type of Construction

Yes ESFR No ____ 2. Automatic Sprinklers Provided SEE SHEET A1.1 C. Location of Property (602.1)

Protected of Exterior Wall Property Line Permitted (Table 705.8) (Table 705.8) (Table 601 & 602)

D. Building Area (Section 506)

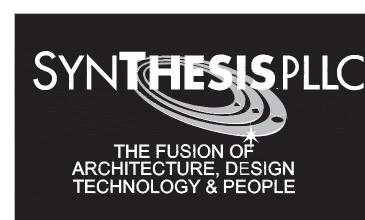
1. Unlimited Building Area(507) Per 507.4/507.5

2. Actual Floor Area: 1st FIr: <u>257,628 SF</u> Mezz: <u>0 SF</u> Total: <u>257,628 SF</u>

E. Allowable Height and Number of Stories (Table 504.3 & 504.4) 1. Tabular Building Height Allowed 2. Actual Building Height

F. OCCUPANCY LOAD (Per IBC Table 1004.5)

FIRST FLOOR AREA OCCUPANT LOAD LOAD FACTOR 150 SF ____**10,000 SF** ___**66.66** Persons Office Business 500 SF **247,628 SF 495.25** Persons Warehouse Warehouse **561.91** Persons



12503 Bel-Red Road, Suite 100 Bellevue, WA 98005 p 425 646 1818 f 425 646 4141

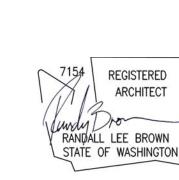


11411 NE 124th Street Suite 190 Kirkland, WA 98034

REVISIONS

2 01 31 24 PERMIT SUBMITTAL 10 14 22 SEPA RESUBMITTAL 11 01 21 DESIGN REVIEW APPLICATION PRELIMINARY BID 03 19 21 SEPA APPLICATION 01 05 21 PRE-APPLICATION

PROFESSIONAL STAMP



signed by Randy Brown Date: RANDALL LEE BROWN STATE OF WASHINGTON 2024.02.01 09:18:14

-08'00'

Digitally

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BUILDING B

Freeman Logistics Puyallup, WA - 98371

SHEET INFORMATION

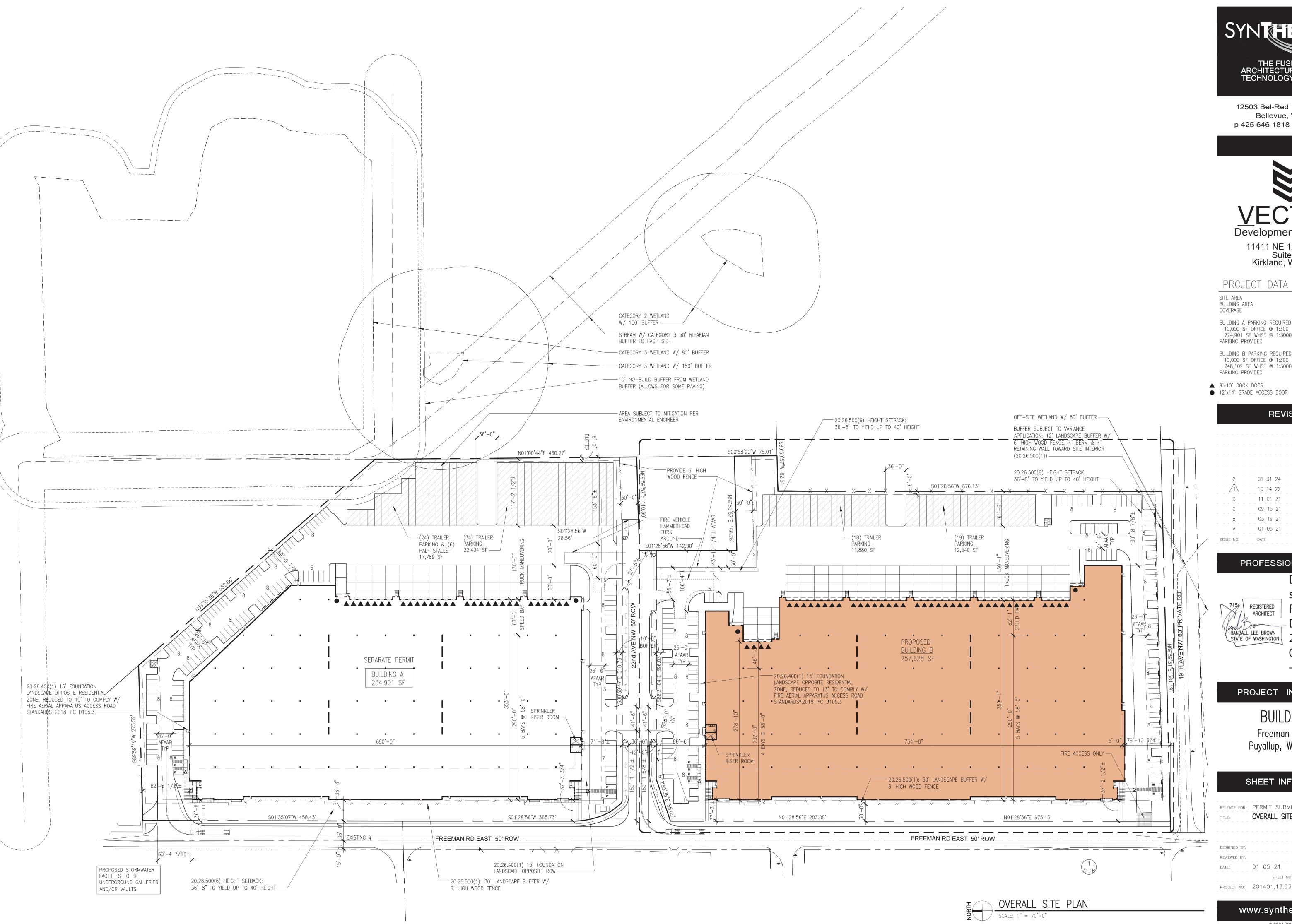
RELEASE FOR: PERMIT SUBMITTAL GENERAL INFORMATION

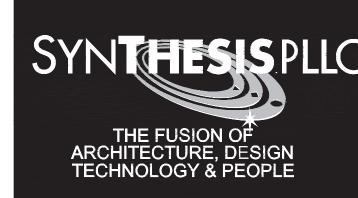
DESIGNED BY: DRAWN BY: REVIEWED BY: APPROVED BY: 01 05 21 SHEET NO:

PROJECT NO: 201401.13.031

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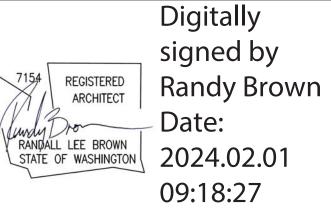
11411 NE 124th Street Suite 190 Kirkland, WA 98034

SITE AREA BUILDING AREA COVERAGE	979,449 492,051 50.2%	
BUILDING A PARKING REQUIRED 10,000 SF OFFICE @ 1:300 224,901 SF WHSE @ 1:3000 PARKING PROVIDED	108.3 33.3 75.0	130
BUILDING B PARKING REQUIRED 10,000 SF OFFICE @ 1:300 248,102 SF WHSE @ 1:3000 PARKING PROVIDED	116.0 33.3 82.7	140
0'10' DOOK DOOD		co

REVISIONS

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PROJECT INFORMATION

-08'00'

BUILDING B

Freeman Logistics Puyallup, WA — 98371

SHEET INFORMATION

RELEASE FOR: PERMIT SUBMITTAL OVERALL SITE PLAN

REVIEWED BY: APPROVED BY: 01 05 21 SHEET NO:

PROJECT NO: 201401.13.031

SITE KEYNOTES

NOTE: NOT ALL KEYNOTES ARE USED

AC PVMT RAMP, 1:12 MAX SLOPE, SEE (CIVIL DWGS.)

AC PVMT RAMP, 1:12 MAX SLOPE, SEE (CIVIL DWGS.)

ACCESSIBLE PARKING SIGN, SEE DET (CIVIL DWGS.)

ACCESSIBLE PARKING SIGN, SEE

228'-0"

19 TRAILER PARKING @12'

S01°28'56"W 676.13'

500'-0"

PROPOSED INDUSTRIAL BUILDING

EMERGENCY RESPONDER RADIO COVERAGE IS REQUIRED IN ACCORDANCE WITH SECTION 510 OF THE 2018 INTERNATIONAL FIRE CODE

EMERGENCY RESPONDER RADIO COVERAGE TO BE TESTED PRE-OCCUPANCY

-6' WOOD FENCE

FREEMAN RD EAST 50' ROW

— DOCK CANOPY

LINE ABOVE

S00°58'20"W 75.01'

52'-6 3/4"

GUARDS WHERE

DIFFERENCE

GRADES>30"

— WOOD GATE, LOCKED W/ KNOX BOX

N01°28'56"E 203.08'

16'-0" 27 62'-6"

S01°28'56"W 142.00'

- FIRE TRUCK

TURN-AROUND. SEE CIVIL FOR COMMERCIAL

TRUCK TURNING

216'-0"

18 TRAILER PARKING @12'



2 01 31 24 PERMIT SUBMITTAL
1 10 14 22 SEPA RESUBMITTAL
D 11 01 21 DESIGN REVIEW APPLICATION
C 09 15 21 PRELIMINARY BID
B 03 19 21 SEPA APPLICATION
A 01 05 21 PRE—APPLICATION

PROFESSIONAL STAMP

Digitally signed by Randy Brown Date:

RANDALL LEE BROWN STATE OF WASHINGTON

Digitally signed by Randy Brown Date:

2024.02.01

09:18:41

-08'00'

PROJECT INFORMATION

BUILDING B

Freeman Logistics Puyallup, WA — 98371

SHEET INFORMATION

RELEASE FOR: PERMIT SUBMITTAL

TITLE: SITE PLAN

DESIGNED BY:

REVIEWED BY:

DATE:

01 05 21

SHEET NO:

PROJECT NO: 201401.13.031

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SITE PLAN

SCALE: 1" = 40'-0"

•78'−0 1/2"±

35'-2"

73'-3 | 1/2"±

72'-0"

8C@8'

14'-9 1/2"

19'-6 3/4"

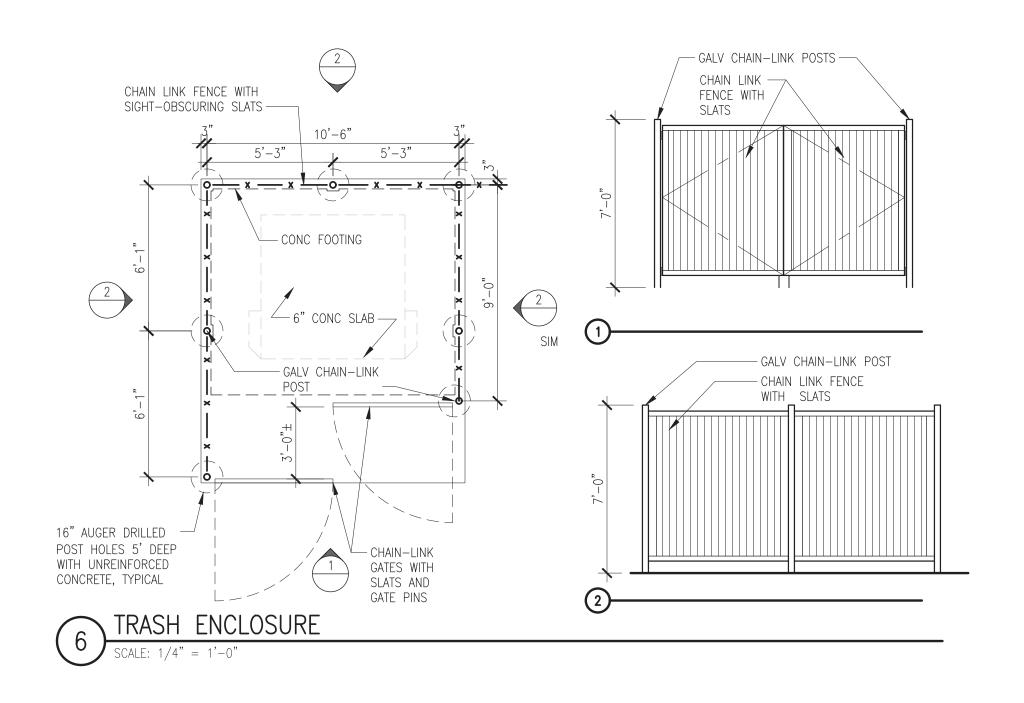
16'-6" 54 -0 6@9'

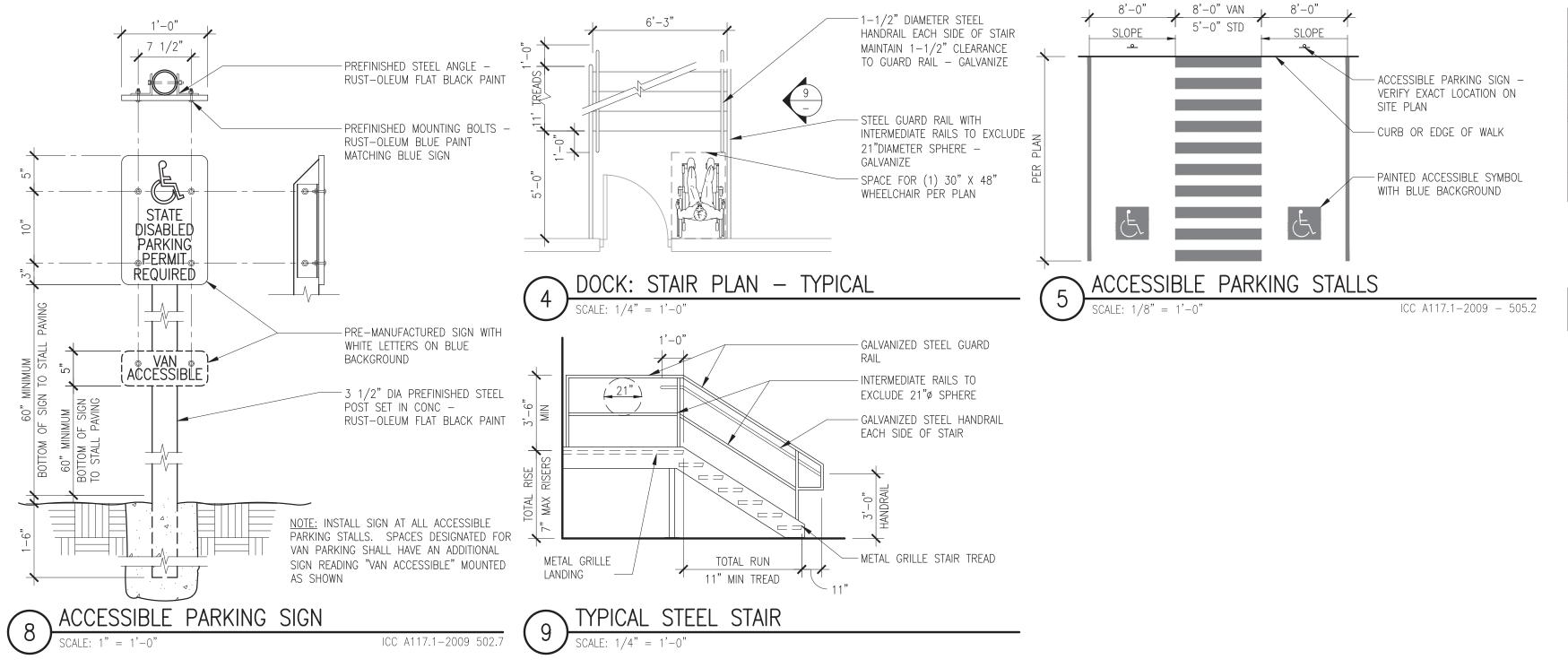
DIFFERENCE BTWN

GRADES>30"

WOOD GATE, LOCKED W/ KNOX BOX —

N01°28'56"E 675.13'









SITE KEYNOTES

NOTE: NOT ALL KEYNOTES ARE USED

AC PVMT RAMP, 1:12 MAX SLOPE, SEE CIVIL DWGS. $\left\langle 6\right\rangle$ 8/A1.2.

- ACCESSIBLE PARKING STALL W/ 2 CONC LANDING, 5'-0"W x 5'-0"L MIN. 7 PAINTED INTERNATIONAL SYMBOL OF ACCESS. MAX SLOPE 1v:48h.
- ✓ VAN ACCESSIBLE PARKING STALL W/ 3 PAINT STRIPING ON FLOOR OR PAVEMENT. 8 PAINTED INTERNATIONAL SYMBOL OF ACCESS. MAX SLOPE 1v:48h.
- EXTRUDED CONC CURB 6" TYP W/
 24" RAD. OUTSIDE CORNERS TYP UON.
 USE THICK-FACE CURB AT SIDEWALKS.

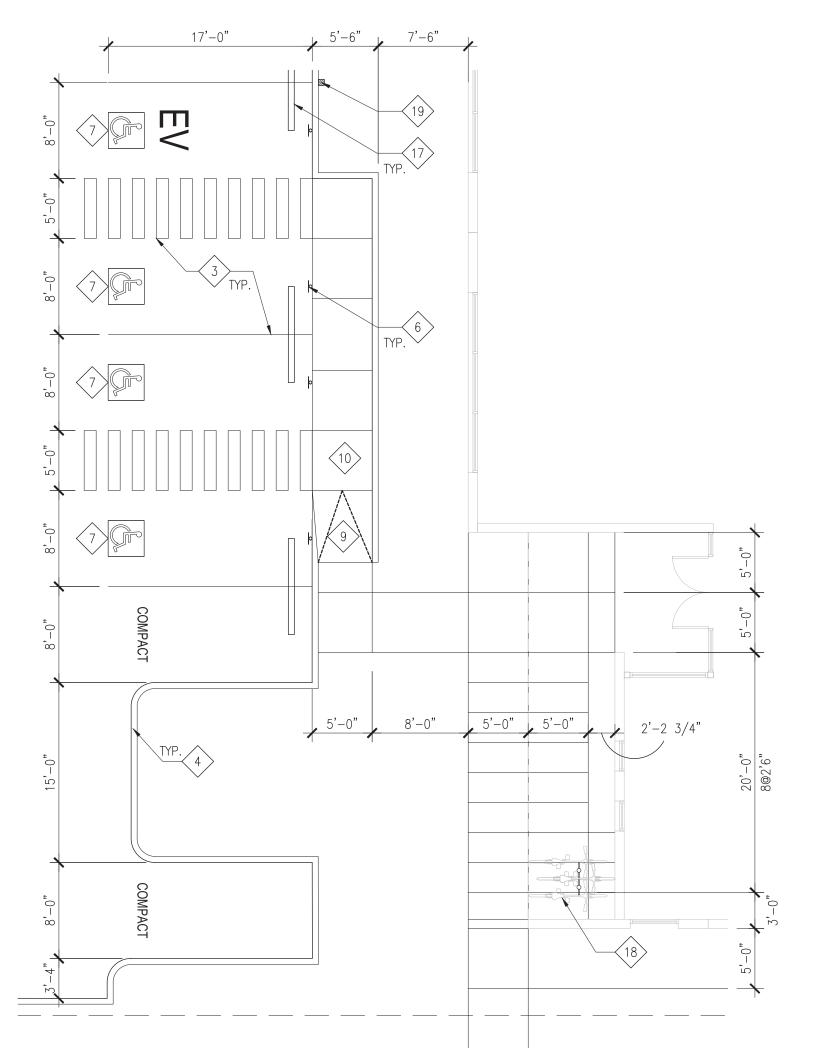
 ACCESSIBLE RAMP, MAX SLOPE 1v:12h,
 MAX RISE 6" MIN LENGTH 6'-0",
 W/ NON-SLIP SURFACE.
- 7'-0" HIGH CONC. ENCL. W/ CHAIN
 LINK GATES & SIGHT OBSCURING SLATS.

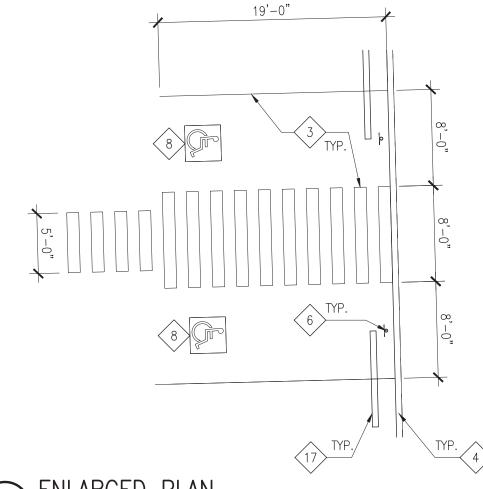
 10
 4" THICK, 5'-0"w (UON) CONC WALK,
 SEE STRUCTURAL FOR WALL CONST.

 4" THICK, 5'-0"w (UON) CONC WALK,
 PUBLIC WAY

ACCESSIBLE PARKING SIGN, SEE DET

- COMPACT PARKING STALL W/ PAINTED "COMPACT" DESIGNATION.
- PROVIDE SIGN W/ THE INTERNATIONAL SYMBOL OF ACCESS, ATTACH TO GLASS ADJACENT TO DOOR. APPROXIMATE ELECTRICAL
- 13 APPROXIMATE LECTION TRANSFORMER LOCATION
- EXTERIOR AREA FOR ASSISTED RESCUE (IBC 1009.7)
- <17 CONCRETE WHEEL STOP
- BICYCLE RACK (FOR 2 OR MORE BICYCLES)
- EV CHARGING STATIONS PER WAC 51-50-0429





ENLARGED PLAN

SCALE: 1/8" = 1'-0"

SCALE: 1/8" = 1'-0"

REVISIONS

2	01 31 24	PERMIT SUBMITTAL
1	10 14 22	SEPA RESUBMITTAL
D	11 01 21	DESIGN REVIEW APPLICATION
С	09 15 21	PRELIMINARY BID
В	03 19 21	SEPA APPLICATION
А	01 05 21	PRE-APPLICATION

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Digitally signed by REGISTERED ARCHITECT Randy Brown RANDALL LEE BROWN STATE OF WASHINGTON 2024.02.01 09:18:59

PROJECT INFORMATION

-08'00'

BUILDING B

Freeman Logistics Puyallup, WA — 98371

SHEET INFORMATION

RELEASE FOR: PERMIT SUBMITTAL SITE DETAILS & ENLARGED SITE PLANS DESIGNED BY: REVIEWED BY: 01 05 21 A1.2 SHEET NO: PROJECT NO: 201401.13.031

PLAN KEYNOTES

NOTE: NOT ALL KEYNOTES ARE USED

STEEL COLUMNS TYP, SEE STRUCTURAL DWGS.

2 ELECTRICAL DISTRIBUTION PANELS, SHOWN FOR COORDINATION.

CONCRETE SHEAR WALL OR BRACE FRAME, SEE STRUCTURAL DWGS.

& DETECTOR DOUBLE CHECK VALVE ASSEMBLY, SHOWN FOR COORD.

GAS METER, SHOWN FOR COORDINATION, SEE CIVIL DRAWINGS (10) LED HIGH BAY LIGHT FIXTURE SANITARY SEWER, SHOWN FOR COORDINATION, SEE CIVIL DRAWINGS

FOR CONTINUATION.

8 4' X 8' (UON) TRIPLE DOME SKYLIGHT, SEE DET 8/A8.1.

TOILET ROOM (TOILET ROOM N.I.C.)

9 4'x 8'x 3/4" PLYWOOD TELEPHONE BOARD.

1 1/2"Ø NOM. GALV STL PIPE 11 HANDRAIL. TOP @ 34" ABOVE STAIR NOSING OR RAMP TYP EA SIDE .

12 SITE-CAST CONC PANELS, PNT, SEE STRUCTURAL DWGS.

6"Ø RD & 6"Ø SCHD 40 ABS

PLASTIC RWL, ROUTE TO EXTERIOR, SEE CIVIL DWGS FOR CONTINUATION.

STL ANGLE RWL PROTECTOR, TYP @ TRUCK COURT, SEE DETAIL 5/A8.1

6"ø PVC EXT. RWL W/ OVERFLOW (15) SCUPPER, PNT, SEE DET 2/A8.1 & 3/A8.1. SEE CIVIL DWGS FOR CONT.

DOMESTIC WATER PRV & BACKFLOW (16) PREVENTER, SHOWN FOR COORD. SEE CIVIL DWGS FOR CONTINUATION.

PAINT STRIPING ON FLOOR OR PAVEMENT.

✓ STL ROOF ACCESS LADDER W/ CAGE. <18 > LOCATION TO BE COORDINATED W/ STRUCTURAL FRAMING LOCATIONS.

48"x48" ROOF ACCESS HATCH
(9/A8.1) + HATCH RAILING SYSTEM IF WITHIN 10' OF ROOF EDGE.

PREFABICATED GALV STEEL PAN
STAIRS & LANDINGS W/ CONC FILL, 7" MAX RISER, 11" MIN TREAD.

(21) GUARD, TOP @ 42" ABOVE LANDING, STAIR NOSING OR RAMP, PAINT, TYP.

CONC SLAB ON VAPOR BARRIER ON 22> 4" GRAVEL CAPILLARY BREAK IN OFFICE NODES (SHOWN SHADED). PROVIDE SIGN W/ INTERNATIONAL <23 > SYMBOL OF ACCÉSS, ATTACH TO

GLASS ADJACENT TO DOOR HVAC EQUIPMENT AND PVC WALKWAY PADS BY TENANT FIRE DEPARTMENT ACCESS DOOR:
LABEL PER IFC 3206.7.4. LOCATE KEY
BOX PER MARSHAL (IFC 3206.7.8)

25 30"x48" WHEELCHAIR SPACE.

(26) RECESSED DOCK LEVELER

27 ENTRY CANOPY - SEE STRUCTURAL

PROVIDE 10 MIL VAPOR BARRIER UNDER OFFICE AREAS

MARSHAL PER IFC 901.4.6.1

SPRINKLER RISER DOOR: LABEL PER IBC 902.1.2. KEY BOX IF REQ BY

LIGHT FIXTURE LEGEND

FLOOR PLAN

SCALE: 1" = 30'-0"

1X4 SURFACE-MOUNTED LED W/ WRAP-AROUND ACRYLIC LENS (CIRCLE INDICATES CEILING MOUNTED)

WALL OR CEILING MOUNT ILLUMINATED EXIT SIGN, W/ DIRECTION ARROW AS INDICATED, EMERGENCY POWER PACK, WHITE HOUSING W/ GREEN LETTERS

PROVIDE SELF—CONTAINED EGRESS ILLUMINATION FIXTURE WITH BATTERY BACKUP (MAY BE COMBINED WITH EXIT SIGN)

SYNTHESISPLLC THE FUSION OF ARCHITECTURE, DESIGN TECHNOLOGY & PEOPLE

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REVISIONS

2 01 31 24 PERMIT SUBMITTAL 10 14 22 SEPA RESUBMITTAL DESIGN REVIEW APPLICATION SEPA APPLICATION PRE-APPLICATION

PROFESSIONAL STAMP

REGISTERED ARCHITECT RANDALL LEE BROWN STATE OF WASHINGTON

signed by Randy Brown Date: 2024.02.01 09:19:14

Digitally

PROJECT INFORMATION

-08'00'

BUILDING B

Freeman Logistics Puyallup, WA — 98371

SHEET INFORMATION

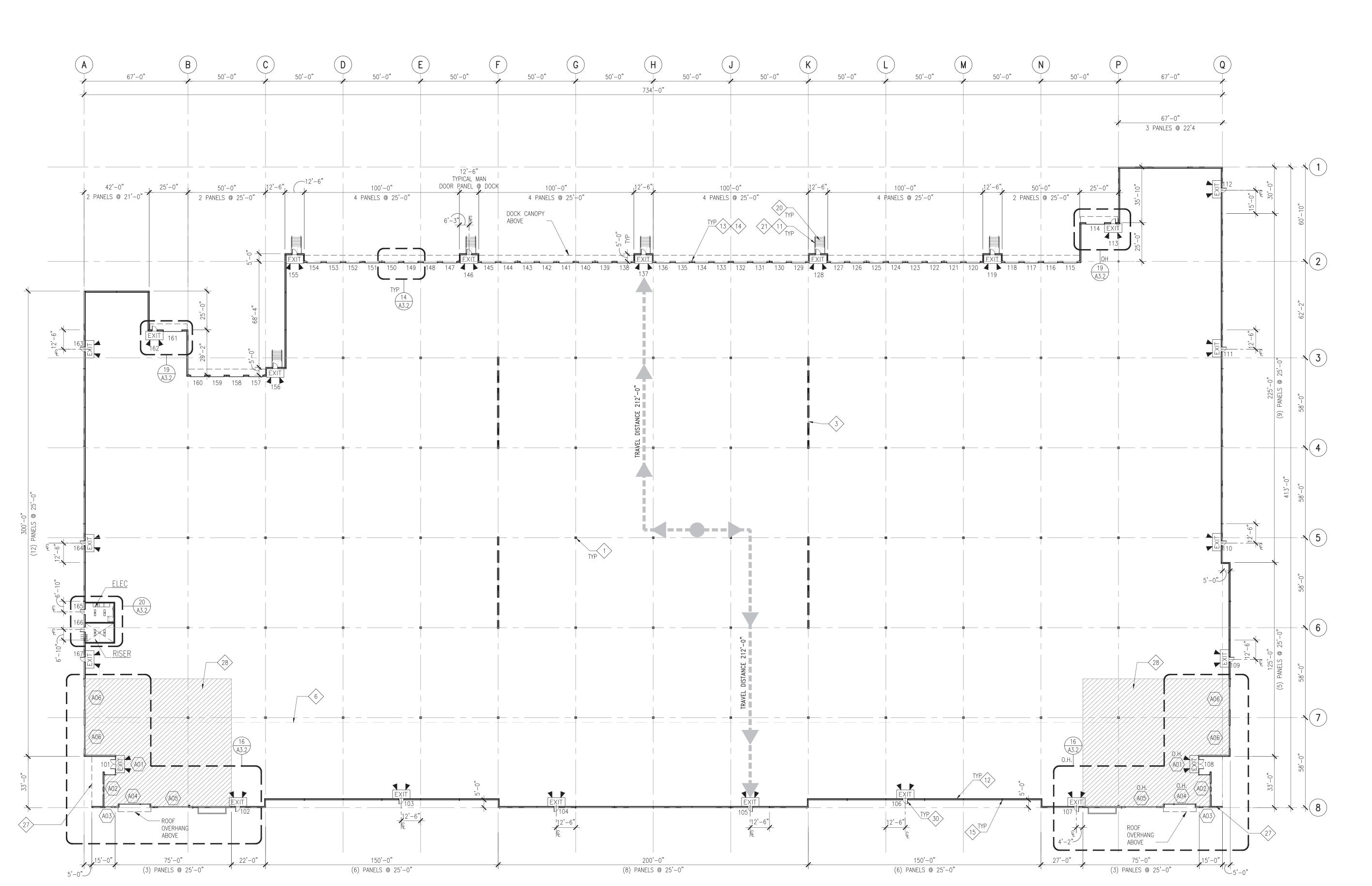
RELEASE FOR: PERMIT SUBMITTAL FLOOR PLAN

01 05 21

SHEET NO: PROJECT NO: 201401.13.031

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A2.1



NOTE: NOT ALL KEYNOTES ARE USED STEEL COLUMNS TYP, SEE

STRUCTURAL DWGS.

2 ELECTRICAL DISTRIBUTION PANELS, SHOWN FOR COORDINATION.

CONCRETE SHEAR WALL OR BRACE FRAME, SEE STRUCTURAL DWGS.

4 & DETECTOR DOUBLE CHECK VALVE ASSEMBLY, SHOWN FOR COORD.

GAS METER, SHOWN FOR COORDINATION, SEE CIVIL DRAWINGS (10) LED HIGH BAY LIGHT FIXTURE

8 4' X 8' (UON) TRIPLE DOME SKYLIGHT, SEE DET 8/A8.1.

1 1/2"Ø NOM. GALV STL PIPE 11 HANDRAIL. TOP @ 34" ABOVE STAIR SANITARY SEWER, SHOWN FOR COORDINATION, SEE CIVIL DRAWINGS FOR CONTINUATION. NOSING OR RAMP TYP EA SIDE . 7 STUB UP PLUMBING FOR FUTURE TOILET ROOM (TOILET ROOM N.I.C.) 12 SITE-CAST CONC PANELS, PNT, SEE STRUCTURAL DWGS.

6"Ø RD & 6"Ø SCHD 40 ABS
PLASTIC RWL, ROUTE TO EXTERIOR,

SEE CIVIL DWGS FOR CONTINUATION. 9 4'x 8'x 3/4" PLYWOOD TELEPHONE

STL ANGLE RWL PROTECTOR, TYP @ TRUCK COURT, SEE DETAIL 5/A8.1

6"ø PVC EXT. RWL W/ OVERFLOW (15) SCUPPER, PNT, SEE DET 2/A8.1 & 3/A8.1. SEE CIVIL DWGS FOR CONT.

DOMESTIC WATER PRV & BACKFLOW (16) PREVENTER, SHOWN FOR COORD. SEE CIVIL DWGS FOR CONTINUATION.

PAINT STRIPING ON FLOOR OR PAVEMENT. ✓ STL ROOF ACCESS LADDER W/ CAGE.

<18 > LOCATION TO BE COORDINATED W/ STRUCTURAL FRAMING LOCATIONS. 48"x48" ROOF ACCESS HATCH (19) (9/A8.1) + HATCH RAILING SYSTEM IF WITHIN 10' OF ROOF EDGE.

<23 > SYMBOL OF ACCÉSS, ATTACH TO GLASS ADJACENT TO DOOR

HVAC EQUIPMENT AND PVC WALKWAY PADS BY TENANT

PREFABICATED GALV STEEL PAN
STAIRS & LANDINGS W/ CONC FILL,

OFFICE NODES (SHOWN SHADED).

PROVIDE SIGN W/ INTERNATIONAL

7" MAX RISER. 11" MÍN TREAD.

↑ 1 1/2"ø NOM. GALV STEEL PIPE

FIRE DEPARTMENT ACCESS DOOR: (30) LABEL PER IFC 3206.7.4. LOCATE KEY 25 30"x48" WHEELCHAIR SPACE. BOX PER MARSHAL (IFC 3206.7.8)

<26 > RECESSED DOCK LEVELER

(21) GUARD, TOP @ 42" ABOVE LANDING, STAIR NOSING OR RAMP, PAINT, TYP. CONC SLAB ON VAPOR BARRIER ON 27 ENTRY CANOPY - SEE STRUCTURAL 22> 4" GRAVEL CAPILLARY BREAK IN

PROVIDE 10 MIL VAPOR BARRIER UNDER OFFICE AREAS

SPRINKLER RISER DOOR: LABEL PER IBC 902.1.2. KEY BOX IF REQ BY MARSHAL PER IFC 901.4.6.1

LIGHT FIXTURE LEGEND

1X4 SURFACE-MOUNTED LED W/ WRAP-AROUND ACRYLIC LENS (CIRCLE INDICATES CEILING MOUNTED)

WALL OR CEILING MOUNT ILLUMINATED EXIT SIGN, W/ DIRECTION ARROW AS INDICATED, EMERGENCY POWER PACK, WHITE HOUSING W/ GREEN LETTERS

PROVIDE SELF—CONTAINED EGRESS ILLUMINATION FIXTURE WITH BATTERY BACKUP (MAY BE COMBINED WITH EXIT SIGN)

HIBAY 2'x4', LED

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REVISIONS

2 01 31 24 PERMIT SUBMITTAL 10 14 22 SEPA RESUBMITTAL DESIGN REVIEW APPLICATION PRELIMINARY BID SEPA APPLICATION PRE-APPLICATION

PROFESSIONAL STAMP

REGISTERED ARCHITECT RANDALL LEE BROWN STATE OF WASHINGTON

signed by Randy Brown Date: 2024.02.01 09:19:28 -08'00'

Digitally

PROJECT INFORMATION

BUILDING B

Freeman Logistics Puyallup, WA - 98371

SHEET INFORMATION

RELEASE FOR: PERMIT SUBMITTAL CLERESTORY PLAN

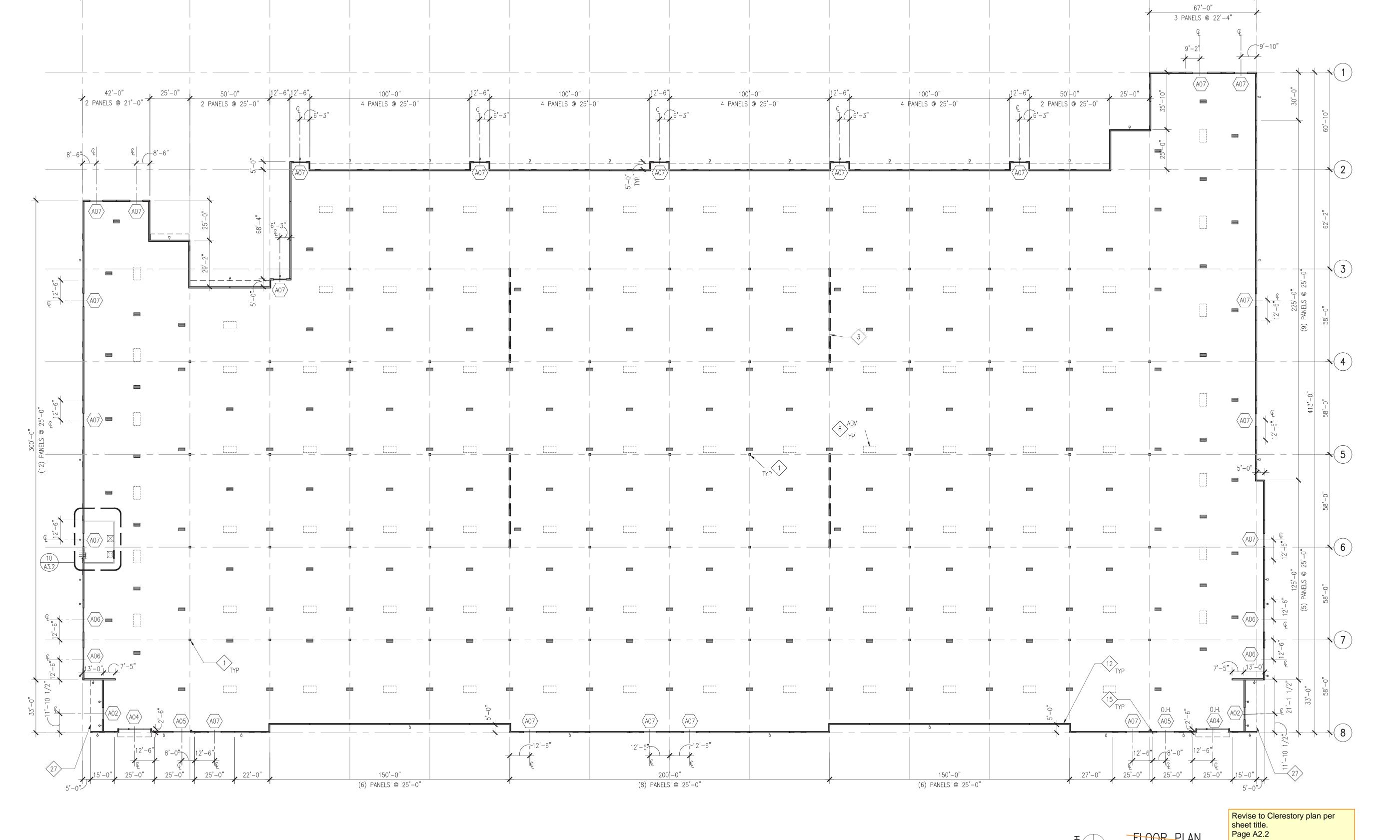
DESIGNED BY: DRAWN BY: REVIEWED BY: APPROVED BY: 01 05 21

SHEET NO: PROJECT NO: 201401.13.031

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A2.2



FLOOR PLAN SCALE: 1" = 30'-0"

NOTE: NOT ALL KEYNOTES ARE USED

STEEL COLUMNS TYP, SEE STRUCTURAL DWGS.

ELECTRICAL DISTRIBUTION PANELS, 2 SHOWN FOR COORDINATION.

CONCRETE SHEAR WALL OR BRACE 3 CUNCKETE STILAN WALE STANKER TO THE STANKER OF THE STRUCTURAL DWGS.

8 4' X 8' (UON) TRIPLE DOME SKYLIGHT, SEE DET 8/A8.1. FIRE PROTECTION SPRINKLER RISERS 4 > & DETECTOR DOUBLE CHECK VALVE ASSEMBLY, SHOWN FOR COORD.

(10) LED HIGH BAY LIGHT FIXTURE 5 > COORDINATION, SEE CIVIL DRAWINGS FOR CONTINUATION.

FOR CONTINUATION.

7 STUB UP PLUMBING TOTAL TOTAL

\ 4'x 8'x 3/4" PLYWOOD TELEPHONE

SANITARY SEWER, SHOWN FOR COORDINATION, SEE CIVIL DRAWINGS 1 1/2"ø NOM. GALV STL PIPE 1> HANDRAIL. TOP @ 34" ABOVE STAIR NOSING OR RAMP TYP EA SIDE .

> SITE-CAST CONC PANELS, PNT, SEE 12 STRUCTURAL DWGS. 6"ø RD & 6"ø SCHD 40 ABS

13> PLASTIC RWL, ROUTE TO EXTERIOR, SEE CIVIL DWGS FOR CONTINUATION. STL ANGLE RWL PROTECTOR, TYP @ TRUCK COURT, SEE DETAIL 5/A8.1

6"ø PVC EXT. RWL W/ OVERFLOW (15) SCUPPER, PNT, SEE DET 2/A8.1 & 3/A8.1. SEE CIVIL DWGS FOR CONT. DOMESTIC WATER PRV & BACKFLOW (16) PREVENTER, SHOWN FOR COORD. SEE CIVIL DWGS FOR CONTINUATION.

> YEAINT STRIPING ON FLOOR OR PAVEMENT. STL ROOF ACCESS LADDER W/ CAGE.

18 LOCATION TO BE COORDINATED W/ STRUCTURAL FRAMING LOCATIONS. 48"x48" ROOF ACCESS HATCH (9/A8.1) + HATCH RAILING SYSTEM IF WITHIN 10' OF ROOF EDGE.

PREFABICATED GALV STEEL PAN
STAIRS & LANDINGS W/ CONC FILL,
7" MAX RISFR 11" MIN TOTAL 1 1/2"ø NOM. GALV STEEL PIPE GUARD, TOP @ 42" ABOVE LANDING,

STAIR NOSING OR RAMP, PAINT, TYP. CONC SLAB ON VAPOR BARRIER ON 22> 4" GRAVEL CAPILLARY BREAK IN OFFICE NODES (SHOWN SHADED).

PROVIDE SIGN W/ INTERNATIONAL SYMBOL OF ACCESS, ATTACH TO GLASS ADJACENT TO DOOR HVAC EQUIPMENT AND PVC WALKWAY PADS BY TENANT

SPRINKLER RISER DOOR: LABEL PER IBC 902.1.2. KEY BOX IF REQ BY MARSHAL PER IFC 901.4.6.1 FIRE DEPARTMENT ACCESS DOOR:
LABEL PER IFC 3206.7.4. LOCATE KEY
BOX PER MARSHAL (IFC 3206.7.8)

25 30"x48" WHEELCHAIR SPACE.

26 RECESSED DOCK LEVELER

<27 ENTRY CANOPY - SEE STRUCTURAL</pre>

PROVIDE 10 MIL VAPOR BARRIER UNDER OFFICE AREAS

SOLAR READINESS

PER 2018 WSEC C411 1. MAINTAIN 40% OF ROOF AREA AS A "SOLAR ZONE" FREE OF PIPES, VENTS, DUCTS, HVAC, SKYLIGHTS & OTHER OBSTRUCTIONS, & SET BACK FROM ANY NEIGHBORING TALLER OBJECTS.

STRUCTURAL DESIGN TO ALLOW FOR ANY ADDITIONAL 4#/SF FOR FUTURE PHOTOVOLTAIC SYSTEM ARRAYS IN SOLAR ZONE. A NEIGHBORING AREA FOR FUTURE INVERTERS TO ALLOW FOR 175#/SF OVER A MIN. AREA OF 2 SF PER 1,000 SF OF SOLAR ZONE AREA. 3. FUTURE INTERCONNECTION TO BE PROVIDED FOR AT THE MAIN SERVICE PANEL PER C411.8 SKYLIGHT AREA CALCULATIONS

PER 2018 WSEC C402.4.2, OPTION 2 255,670 SF - 6,000 SF PROJECTED OFFICE TENANT IMPROVEMENT(S) - 522 SF 249,148 SF TOPLIGHT DAYLIGHT ZONE = NOT LESS THAN HALF AREA W/ CEILINGS OVER 15' = 124,574 SF = 0.54 = 0.9 SKYLIGHT WELL DEPTH < 2', SO WF

= 32 SF

(1) $SKYLIGHT = 4' \times 8'$ SKYLIGHT EFFECTIVE AREA:

= <u>0.85 (Skylight Area) (Skylight VT) (WF)</u> > 1% (Daylight zone under skylight)

= 0.85 ((4'x8')96) (0.54) (0.9) = .0101= 1%(124,574 SF)

(96) SKYLIGHTS REQUIRED

NET BUILDING AREA

UTILITY ROOMS

SKYLIGHT VT

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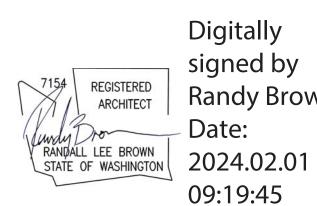
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REVISIONS

2 01 31 24 PERMIT SUBMITTAL 10 14 22 SEPA RESUBMITTAL DESIGN REVIEW APPLICATION PRELIMINARY BID SEPA APPLICATION PRE-APPLICATION

PROFESSIONAL STAMP



signed by Randy Brown Date: 09:19:45 -08'00'

PROJECT INFORMATION

BUILDING B

Freeman Logistics Puyallup, WA — 98371

SHEET INFORMATION

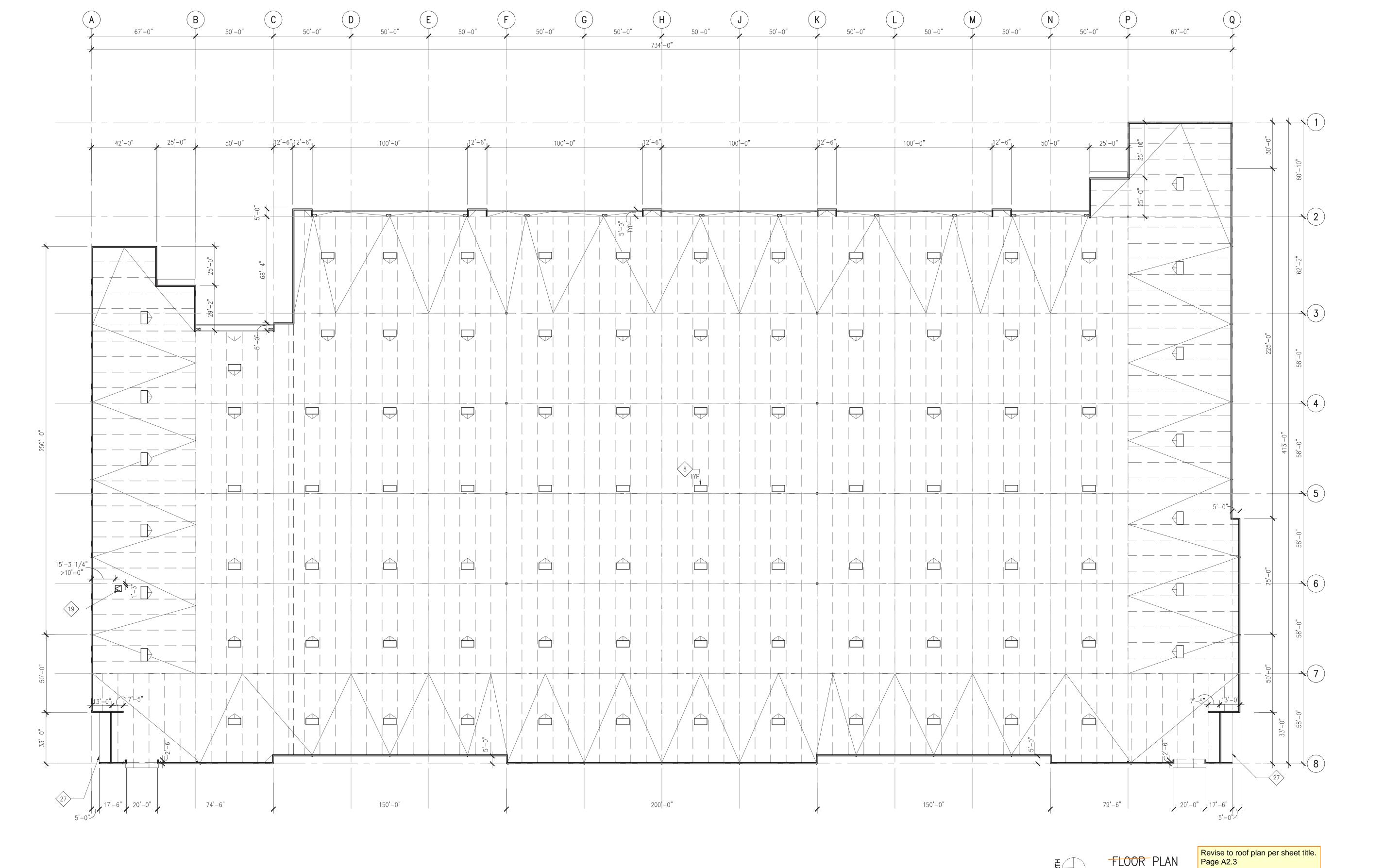
RELEASE FOR: PERMIT SUBMITTAL ROOF PLAN

REVIEWED BY: APPROVED BY: 01 05 21

SHEET NO: PROJECT NO: 201401.13.031

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A2.3



SIZE (WxH)

6'-0" x 8'-0'

SEE OPENING TYP

2'-6" x 8'-5'

 $7'-6" \times 7'-2$

6'-0" x 12'-8"

13'-6" x 11'-0

 $11'-0" \times 10'-0"$

8'-0" x 5'-9"

4'-0" x 8'-0"

* = DIMENSION PER SPECIFIED DOOR STYLE

76.0 SF

110.0 SF

60.0 SF 1

46.0 SF | 1 | 22 |

Area—Weighted Average Vertical Glazing U Factor — (Total VGA x U) / (Total VGA) = 0.36

Area-Weighted Average Horizontal Glazing U Factor - (Total HGA x U) / (Total HGA) = 0.35

EXTERIOR GLAZING SCHEDULE

VGA QUANT. UNITS | TOTAL VGA | U-FACTOR | VGA x U | SHGC | REMARKS

0.35

0.35

HGA QUANT. UNITS TOTAL HGA U-FACTOR HGA X U SHGC REMARKS

32.0 SF | 1 | 96 | 3072.0 SF | 0.35 | 1075.20 | 0.38 | SEE WSEC UA FORM

47.81

45.22

37.66

119.70

42.00

140.00

77.00

1636.90

1075.20

354.20 0.38

96.0 SF

136.6 SF

129.2 SF

84.0 SF

107.6 SF

342.0 SF

152.0 SF

120.0 SF

400.0 SF

600.0 SF

430.0 SF

1012.0 SF

4608.4 SF

3072.0 SF

, DOOR AND FRAME TYPES

RTICAL OPFNINGS

TYPE DESCRIPTION

A01 | STOREFRONT ENTRANCE

A01 STOREFRONT FIXED

A01 STOREFRONT FIXED

A02 FIXED WINDOW UNIT

A02 | FIXED WINDOW UNIT

A03 | FIXED WINDOW UNIT

A04 | FIXED WINDOW UNIT

A04 FIXED WINDOW UNIT

A05 | FIXED WINDOW UNIT

A05 | FIXED WINDOW UNIT

A06 FIXED WINDOW UNIT

A06 | FIXED WINDOW UNIT

A07 FIXED WINDOW UNIT

TYPE DESCRIPTION

SKYLIGHTS

TOTALS:

TOTALS:

HARDWARE GROUPS

CLOSERS PER OPENING SCHEDULE, AS CALLED FOR IN "CLSR" COLUMN

<u>HW-2 Latched</u> HW-3 Interior Toilet HW-4 Restroom 1 1/2 PR HINGES 1 1/2 PR HINGES 1 1/2 PR HINGES 1 1/2 PR HINGES

3 SILENCERS 1 CONTINUOUS SEAL 1 CONTINUOUS SEAL 1 WALL/FLOOR STOP 1 WALL/FLOOR STOP 1 WALL/FLOOR STOP 1 WALL/FLOOR STOP 1 KEYED LOCKSET 1 LATCHSET 1 PRIVACY LOCKSET 1 PUSH/PULL HARDWARE W/LOCKED/UNLOCKED 1 MOP PLATE <u>HW-5 Transition</u> INDICATOR *UNDERCUT DOOR

0.38 ENTRANCE DOORS ONLY

0.38 GLAZING SURROUNDING ENTRANCE

0.38 | GLAZING SIDE OF ENTRANCE

1 1/2 PR HINGES 1 THRESHOLD 1 FOOTPULL 1 CONTINUOUS SEAL 1 DOOR SWEEP *UNDERCUT DOOR

1 WALL/FLOOR STOP 1 KICK PLATE

29.40 | 0.38 | LOWER UNIT

0.38 UPPER UNUIT

0.38 LOWER UNIT

0.38 LOWER UNIT

0.38 | MIDDLE UNIT

0.38 | MIDDLE UNIT

0.38 | UPPER UNIT

0.38 UPPER UNIT

0.38 LOWER UNIT

0.38 UPPER UNIT

0.38 LOWER UNIT

150.50 | 0.38 | UPPER UNIT

DOOR TYPE INDICATIONS AS NOTATED BY THE STEEL DOOR INSTITUTE WHERE APPLICABLE. "RL" DENOTES RELIGHT

DOOR NOTES

2. NOTATION OF PAIRS OF DOORS: F DENOTES SINGLE DOOR FF DENOTES PAIR OF DOORS

DOORS / OPENINGS

3. DETAILS ARE FOUND ON SHEET A8.1. 4. PROVIDE ILLUMINATED EXIT SIGNS WITH BATTERY-POWERED EGRESS LIGHTING AT DOORS INDICATED BY EXIT—SIGN SYMBOL ON THE DRAWING — AN "EXIT" GRAPHIC. THE EGRESS LIGHTING ASSEMBLY SHALL

STAIN ("STN"). ALL HOLLOW METAL ("HM") DOORS TO BE PAINTED.

PROVIDE ILLUMINATION OF A MINIMUM OF ONE FOOT CANDLE AT FLOOR LEVEL. 5. ALL WOOD ("WD") DOORS TO BE SOLID CORE STAIN GRADE BOOK-MATCH MAPLE VENEER WITH CLEAR

6. ALL METAL ("MTL") DOOR FRAMES TO BE 18-GAUGE BLACK KNOCKED-DOWN FRAMES. ALL HOLLOW METAL ("HM") DOOR FRAMES TO BE 16-GAUGE DOUBLE-RABBET PAINTED COLD-ROLLED STEEL.

HARDWARE NOTES

1. FLUSH BOLTS: WHERE EGRESS DOORS ARE USED IN PAIRS, APPROVED AUTOMATIC FLUSH BOLTS SHALL BE PERMITTED ON THE INACTIVE LEAF, PROVIDED THAT THE DOOR LEAF HAVING THE AUTOMATIC FLUSH BOLTS HAS NO DOORKNOB OR SURFACE-MOUNTED HARDWARE. (IBC SECTION 1010.1.9.4.3) MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS ARE PERMITTED TO THE EXTERIOR ON THE INACTIVE LEAF WITH NO SURFACE-MOUNTED HARDWARE (IF WAREHOUSE OCCUPANT LOAD IS 50 OR GREATER) (IBC 1010.1.9.5 & EXCEPTIONS).

2. THE UNLATCHING OF ANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION. (IBC SECTION 1010.1.9.6) DOOR TYPES F, NL, HG & FG TO BE OPENABLE FROM THE INSIDE BY TURN OF A LEVER HANDLE. ALL EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR

3. DOOR HARDWARE TO BE INSTALLED BETWEEN 34" MINIMUM AND 48" MAXIMUM AFF (IBC 1010.1.9.2).

4. A DEAD BOLT OR KEY-OPERATED LOCKING DEVICE MAY BE PROVIDED AT THE MAIN ENTRIES IF A SIGN IS APPLIED TO THE EGRESS SIDE OF THE DOOR PER IBC SECTION 1010.1.9.4 (2.2) STATING, "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED" LETTERS 1" HIGH ON A CONTRASTING BACKGROUND. THE LOCKING DEVICE SHOULD BE READILY DISTINGUISHABLE AS LOCKED. THE LOCKING DEVICE IS REVOCABLE BY THE FIRE MARSHAL FOR DUE CAUSE.

5. ALL DOOR CLOSERS TO BE RESTRAINED, ALLOWING DOORS TO OPEN TO 90° MAX.

-- | -- | 26/A8.1 | STORE FRONT DOOR 6'-0" x 8'-0" | -- | AL | TIG | -- | 4 | Y 3'-0" x 7'-0" | 1 3/4" | HM | HM | PNT | 19/A8.1 | 19/A8.1 | 24/A8.1 | DOOR AND FRAME $3'-0" \times 7'-0" \mid 1 \mid 3/4" \mid HM \mid$ __ | __ | 1 | Y | PNT HM | PNT | 19/A8.1 | 19/A8.1 | 24/A8.1 | DOOR AND FRAME HM PNT 19/A8.1 19/A8.1 24/A8.1 DOOR AND FRAME 04 | F | 3'-0" x 7'-0" | 1 3/4" | HM | -- | -- | 1 | Y | PN 1 3/4" HM 19/A8.1 | 19/A8.1 | 24/A8.1 | DOOR AND FRAME 1 3/4" HM 19/A8.1 | 19/A8.1 | 24/A8.1 | DOOR AND FRAME $3'-0" \times 7'-0" \mid 1 \mid 3/4" \mid HM$ 19/A8.1 | 19/A8.1 | 24/A8.1 | DOOR AND FRAME -- | -- | -- | -- | 26/A8.1 STORE FRONT DOOR F 3'-0" x 7'-0" | 1 3/4" HM 19/A8.1 | 19/A8.1 | 24/A8.1 | DOOR AND FRAME F 3'-0" x 7'-0" 1 3/4" HM 19/A8.1 19/A8.1 24/A8.1 DOOR AND FRAME -- | -- | 1 | Y | PN 19/A8.1 | 19/A8.1 | 24/A8.1 | DOOR AND FRAME 1 3/4" HM 19/A8.1 | 19/A8.1 | 24/A8.1 | DOOR AND FRAME F | 3'-0" x 8'-0" | 1 3/4" | HM HM | PNT | 19/A8.1 | 19/A8.1 | 24/A8.1 | DOOR AND FRAME | -- | 18/A8.1 23/A8.1 -- METAL SECTIONAL INSULATED DOOR 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR | -- | -- | FC 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR 18/A8.1 | 23/A8.1 | 28/A8.1 | METAL SECTIONAL INSULATED DOOR F 3'-0" x 7'-0" |1 3/4" HM HM PNT 19/A8.1 | 19/A8.1 | 24/A8.1 | DOOR AND FRAME 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR 18/A8.1 | 23/A8.1 | 28/A8.1 | METAL SECTIONAL INSULATED DOOR 18/A8.1 | 23/A8.1 | 28/A8.1 | METAL SECTIONAL INSULATED DOOR | -- | -- | FC 18/A8.1 | 23/A8.1 | 28/A8.1 | METAL SECTIONAL INSULATED DOOR 18/A8.1 | 23/A8.1 | 28/A8.1 | METAL SECTIONAL INSULATED DOOR 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR | -- | -- | FC -- | -- | --18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR F 3'-0" x 7'-0" 1 3/4" HM HM PNT 19/A8.1 | 19/A8.1 | 24/A8.1 | DOOR AND FRAME -- | -- | 1 | Y | PN 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR 18/A8.1 | 23/A8.1 | 28/A8.1 | METAL SECTIONAL INSULATED DOOR 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR | -- | -- | FC -- | -- | --__ __ __ 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR 18/A8.1 | 23/A8.1 | 28/A8.1 | METAL SECTIONAL INSULATED DOOR 18/A8.1 | 23/A8.1 | 28/A8.1 | METAL SECTIONAL INSULATED DOOR 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR 18/A8.1 | 23/A8.1 | 28/A8.1 | METAL SECTIONAL INSULATED DOOR $F = \begin{bmatrix} 3'-0" \times 7'-0" & 1 & 3/4" \end{bmatrix}$ HM | HM | PNT | 19/A8.1 | 19/A8.1 | 24/A8.1 | DOOR AND FRAME -- | -- | 1 | Y | PNT __ __ __ 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR 18/A8.1 | 23/A8.1 | 28/A8.1 | METAL SECTIONAL INSULATED DOOR 18/A8.1 | 23/A8.1 | 28/A8.1 | METAL SECTIONAL INSULATED DOOR -- | -- | -- | FC 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR 18/A8.1 | 23/A8.1 | 28/A8.1 | METAL SECTIONAL INSULATED DOOR 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR | -- | -- | FC -- | -- | --18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR $3'-0" \times 7'-0" \mid 1 \mid 3/4" \mid HM$ HM PNT 19/A8.1 | 19/A8.1 | 24/A8.1 | DOOR AND FRAME 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR 18/A8.1 | 23/A8.1 | 28/A8.1 | METAL SECTIONAL INSULATED DOOR 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR | -- | -- | FC -- | -- | -- | 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR 18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR

| HM | PNT |

OPENING SCHEDULE

NO | TYPE | OPENING SIZE | THK | MATL | GL TYPE | RTG | HDW | CLSR | FIN | TYPE | MATL | FIN | HEAD | JAMB | SILL | REMARKS

-- | -- | -- |FC

-- | -- | 1 | Y | PN

F 3'-0" x 7'-0" 1 3/4" HM

F 3'-0" x 7'-0" 1 3/4" HM

FRAMES

TDETAILS

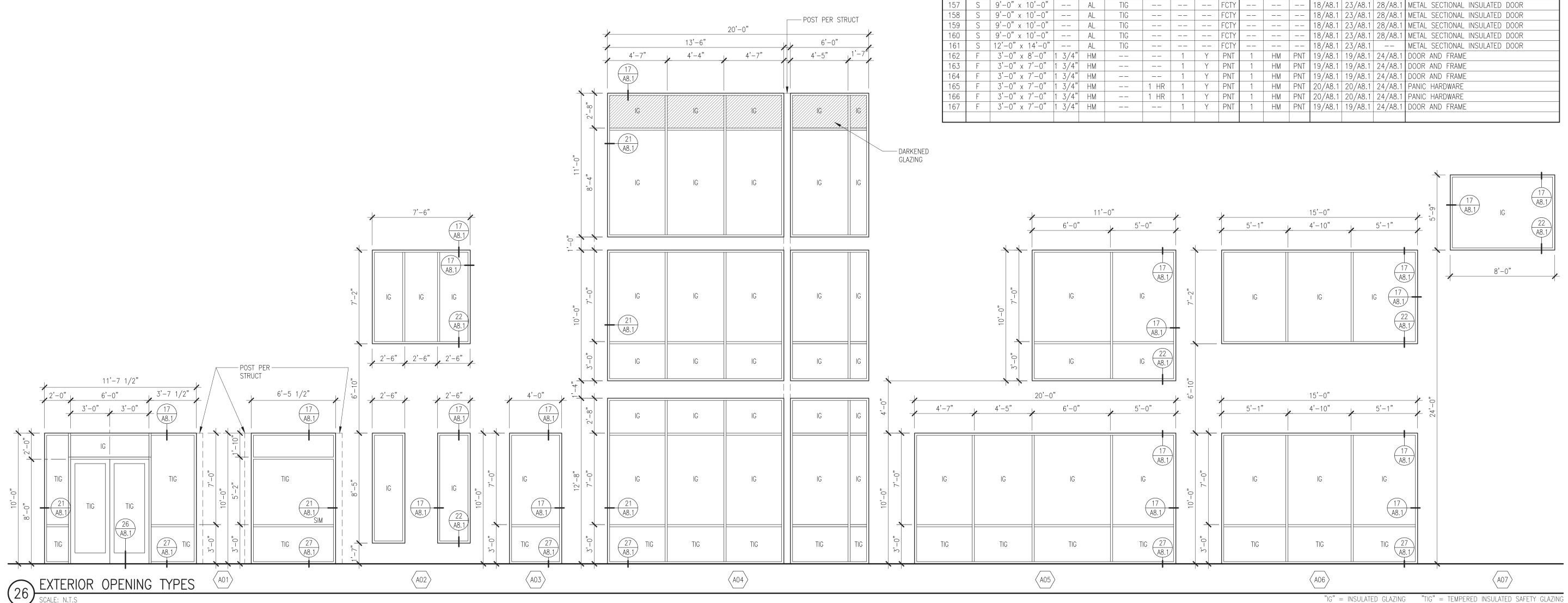
18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR

18/A8.1 23/A8.1 28/A8.1 METAL SECTIONAL INSULATED DOOR 18/A8.1 | 23/A8.1 | 28/A8.1 | METAL SECTIONAL INSULATED DOOR

"IG" = INSULATED GLAZING "TIG" = TEMPERED INSULATED SAFETY GLAZING

19/A8.1 | 19/A8.1 | 24/A8.1 | DOOR AND FRAME

HM | PNT | 19/A8.1 | 19/A8.1 | 24/A8.1 | DOOR AND FRAME



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REVISIONS

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PROFESSIONAL STAMP



signed by Randy Brown Date: 2024.02.01 09:20:08 -08'00'

PROJECT INFORMATION

BUILDING B

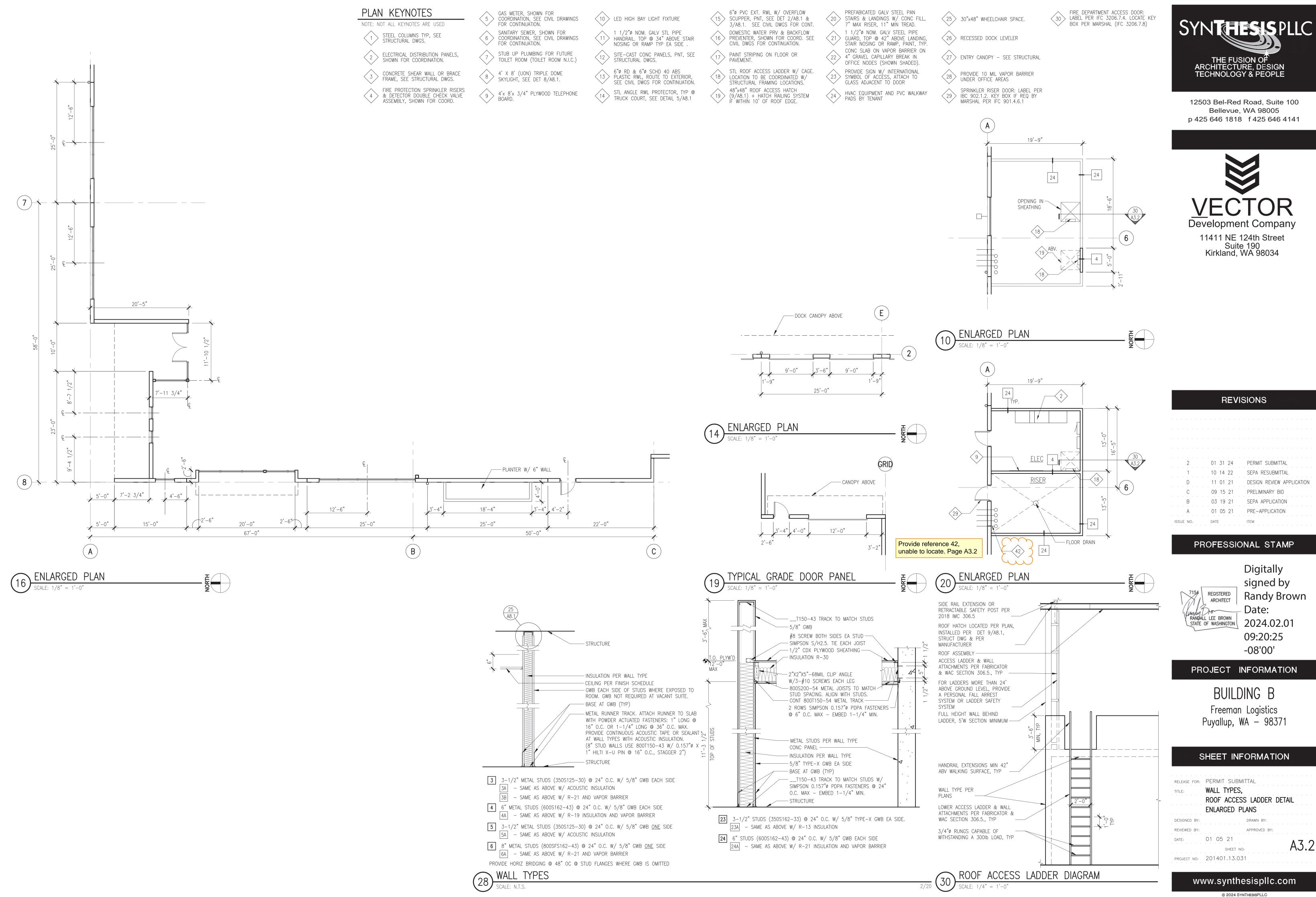
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SHEET INFORMATION

RELEASE FOR: PERMIT SUBMITTAL DOOR & GLAZING SCHEDULES EXTERIOR OPENING TYPES DOOR & HARDWARE NOTES

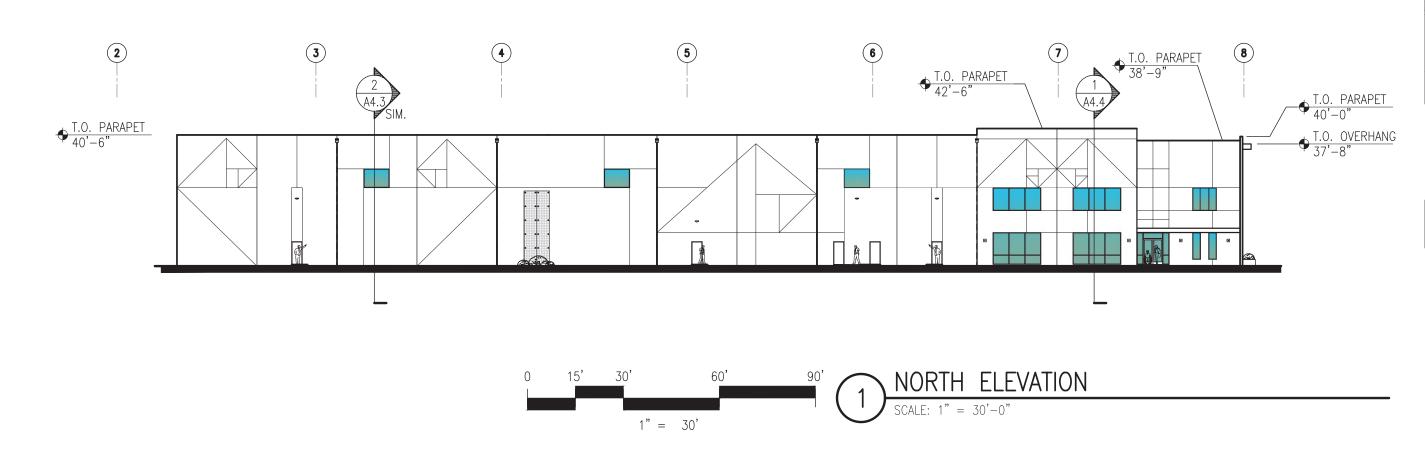
DESIGNED BY: DRAWN BY: REVIEWED BY: APPROVED BY: 01 05 21

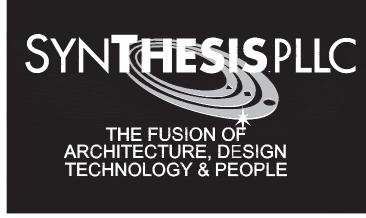
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A3.2







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Digitally REGISTERED ARCHITECT Randy Brown Date:
RANDALL LEE BROWN STATE OF WASHINGTON 2024.02.01

signed by Randy Brown 09:20:42

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SHEET INFORMATION

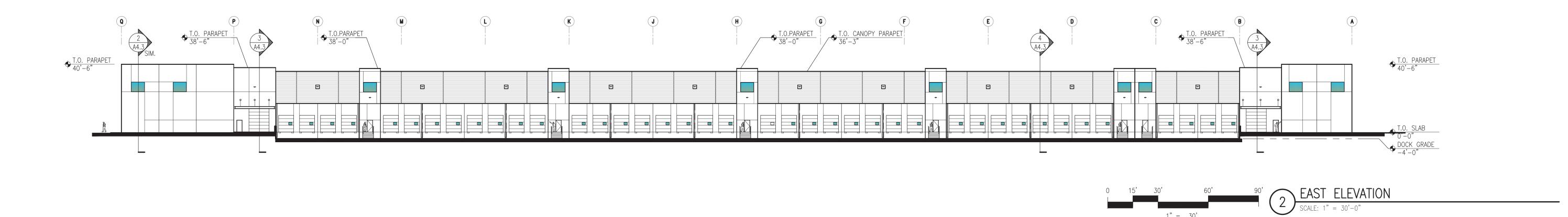
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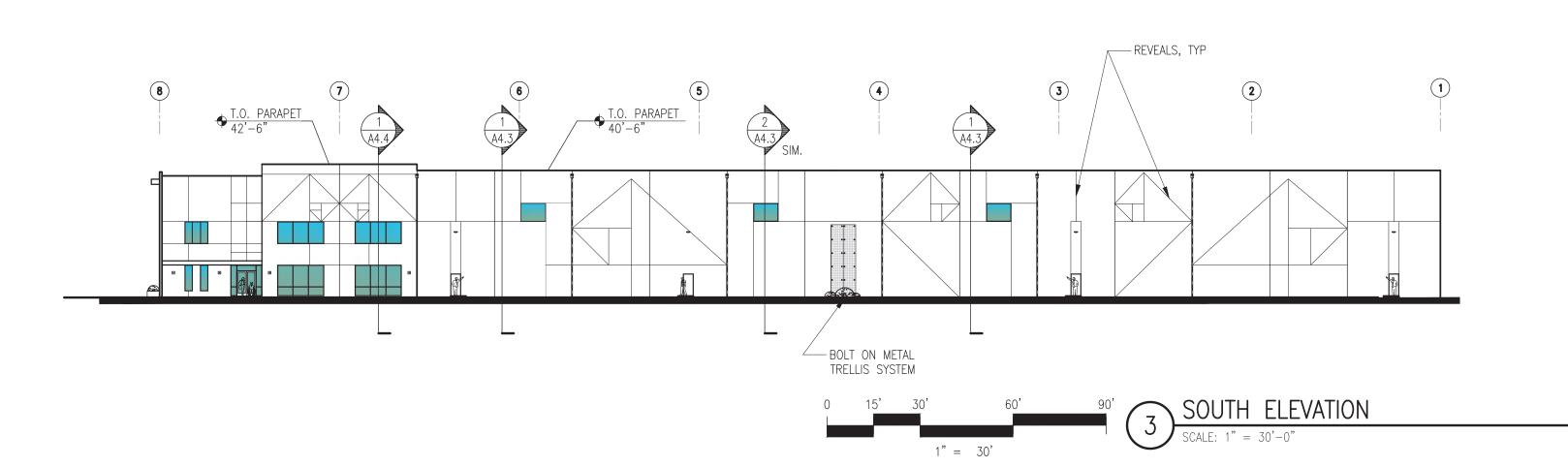
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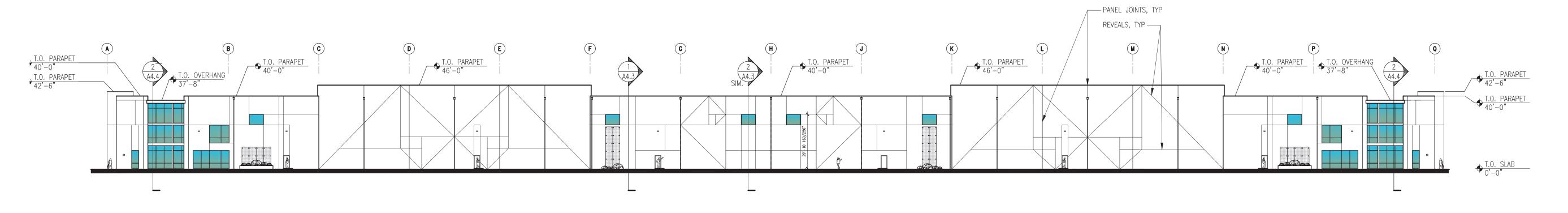
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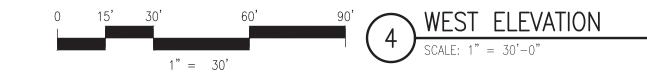
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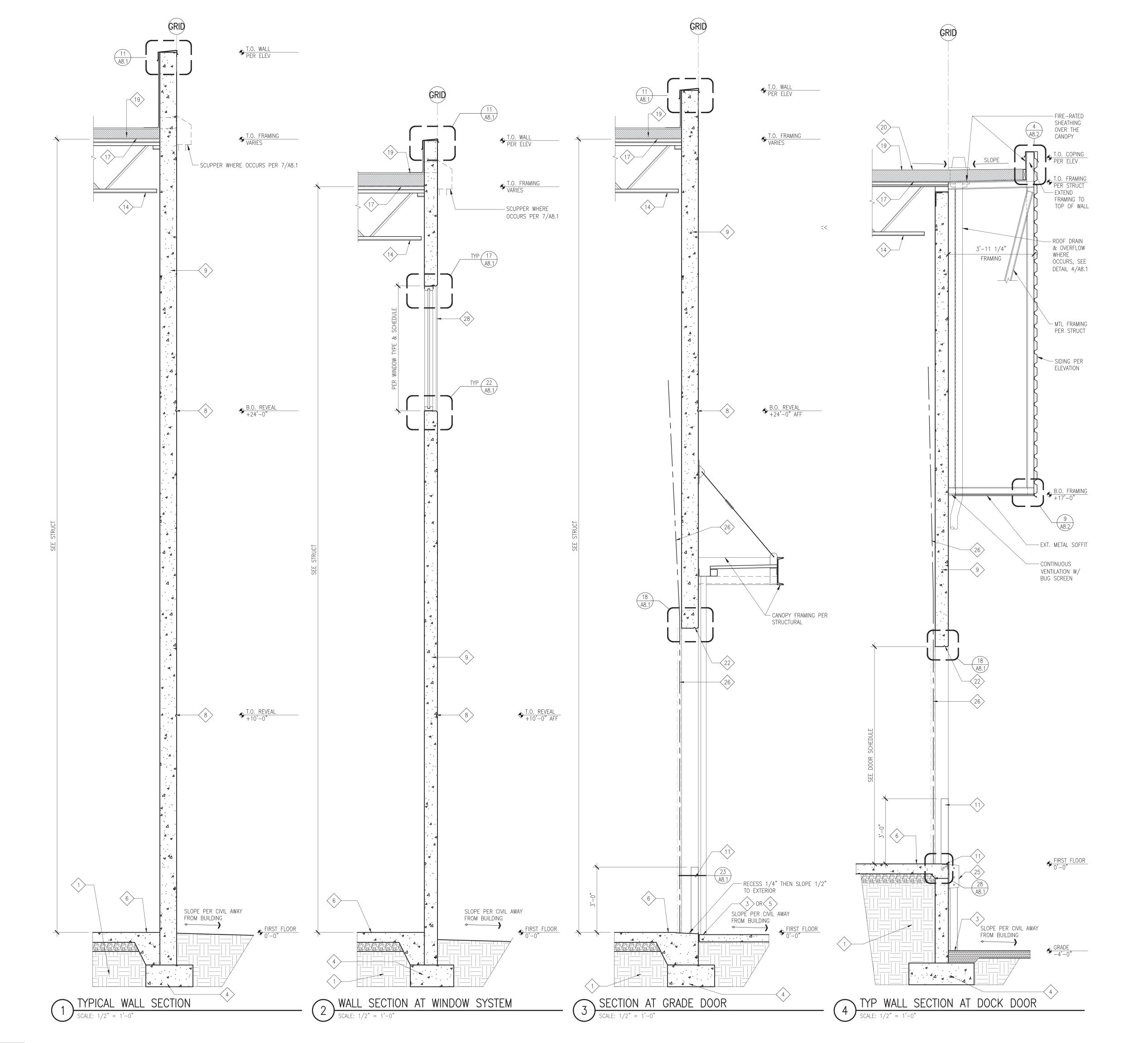
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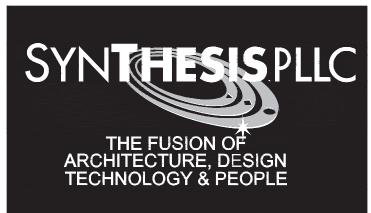






KEYNOTES - WALL SECTIONS

- NOTE: NOT ALL KEYNOTES ARE USED
- (1) STRUCTURAL FILL
- 2 > CURTAIN BOARD BEYOND
- (3) CONCRETE PAVING
- 4 > CONC FOOTING, SEE STRUCT DWGS FOR ELEVATION
- CONC WALK OR LANDING OVER COMPACTED FILL PER SOILS REPORT
- CONC SLAB-ON-GRADE ON GRAVEL CAPILLARY BREAK ON STRUCTURAL FILL PER SOILS REPORT
- 7 > SEALANT
- HORIZONTAL REVEAL, SEE DETAIL 13/A8.1, TYP
- 9 > SITE CAST CONC WALL PANEL, PAINT
- (11) STEEL ANGLE, SEE STRUCT DWGS.
- (12) STEEL GIRDER, SEE STRUCTURAL FRAMING PLAN
- STEEL BEAM, PAINT. SEE STRUCTURAL FRAMING
- (14) STEEL JOIST, SEE STRUCTURAL FRAMING PLAN
- TUBE STEEL COLUMN OR BEAM, SEE STRUCTURAL DRAWINGS
- (16) FILTER FABRIC
- (17) OSB WOOD ROOF DECK, SEE STRUCTURAL DWGS
- (18) WOOD NAILER AND BLOCKING
- (19) RIGID INSULATION & PERIMETER WD BLKG AS REQD
- SINGLE-PLI MY
 OR HIGHER SINGLE-PLY MEMBRANE ROOF ASSEMBLY, CLASS B,
- (21) PREFINISHED METAL FASCIA
- 22 DRIP FORMED IN CONC PANEL
- 23 SURFACE REGLET
- <24> CRUSHED ROCK
- <25 > DOCK BUMPER
- 26 > SECTIONAL OVERHEAD DOOR TRACK
- (27) ALUMINUM WINDOW SYSTEM
- 28 ALUMINUM STOREFRONT SYSTEM
- 29 FOUNDATION DRAIN
- GLAZING TYPE IG
- (31) GLAZING TYPE TIG
- 32 STEEL CHANNELS, SEE STRUCTURAL DRAWINGS
- 33 GLAZING TYPE SPGL (SPANDREL GLASS).
- WALL SCONCE LIGHT FIXTURE EA SIDE OF ENTRY DOOR.
- 35 BELOW GRADE BITUMINOUS DAMP PROOFING
- (36) PATTERN USING CONCRETE FORM LINER
- > R-10 PERIMETER RIGID INSULATION WITH TAPERED TOP EDGE



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01 05 21 PRE-APPLICATION

SEPA APPLICATION

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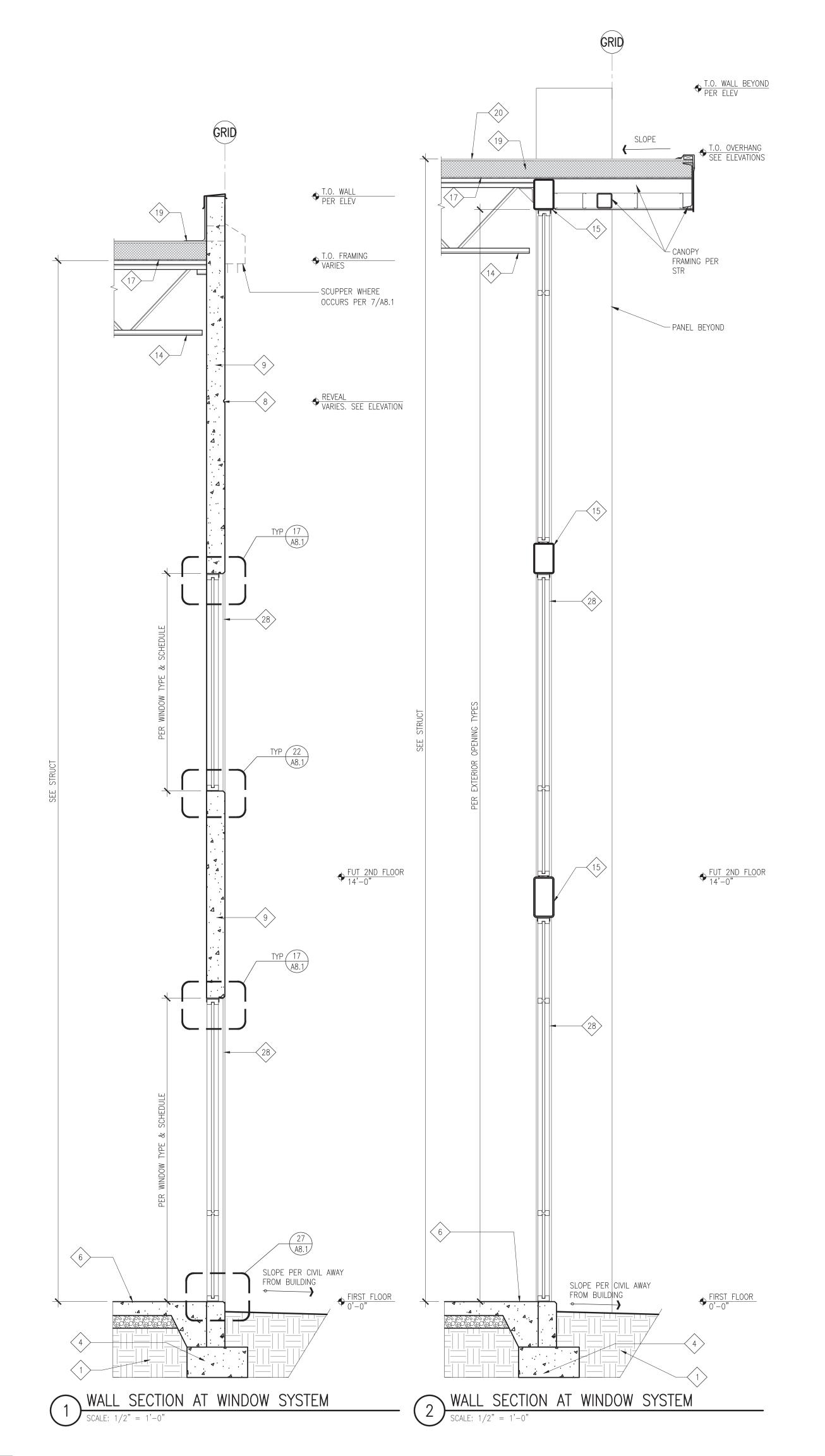
BUILDING B

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SHEET INFORMATION

RELEASE FOR: PERMIT SUBMITTAL WALL SECTIONS REVIEWED BY: 01 05 21 SHEET NO:

PROJECT NO: 201401.13.031



KEYNOTES - WALL SECTIONS

NOTE: NOT ALL KEYNOTES ARE USED

1 STRUCTURAL FILL

2 CURTAIN BOARD BEYOND

3 CONCRETE PAVING

4 CONC FOOTING, SEE STRUCT DWGS FOR ELEVATION

CONC WALK OR LANDING OVER COMPACTED FILL PER SOILS REPORT

6 CONC SLAB-ON-GRADE ON GRAVEL CAPILLARY
BREAK ON STRUCTURAL FILL PER SOILS REPORT

7 SEALANT

8 HORIZONTAL REVEAL, SEE DETAIL 13/A8.1, TYP UON

SITE CAST CONC WALL PANEL, PAINT

(10) CAN

11) STEEL ANGLE, SEE STRUCT DWGS.

12 STEEL GIRDER, SEE STRUCTURAL FRAMING PLAN

3 STEEL BEAM, PAINT. SEE STRUCTURAL FRAMING

14 STEEL JOIST, SEE STRUCTURAL FRAMING PLAN

TUBE STEEL COLUMN OR BEAM, SEE STRUCTURAL DRAWINGS

16 FILTER FABRIC

(17) OSB WOOD ROOF DECK, SEE STRUCTURAL DWGS

18 WOOD NAILER AND BLOCKING

19 RIGID INSULATION & PERIMETER WD BLKG AS REQD

SINGLE-PLY MEMBRANE ROOF ASSEMBLY, CLASS B, OR HIGHER

21 PREFINISHED METAL FASCIA

22 DRIP FORMED IN CONC PANEL

23 SURFACE REGLET

24 CRUSHED ROCK

25 DOCK BUMPER

26 SECTIONAL OVERHEAD DOOR TRACK

27 ALUMINUM WINDOW SYSTEM

28 ALUMINUM STOREFRONT SYSTEM

29 FOUNDATION DRAIN

30 GLAZING TYPE IG

31 GLAZING TYPE TIG

32 STEEL CHANNELS, SEE STRUCTURAL DRAWINGS

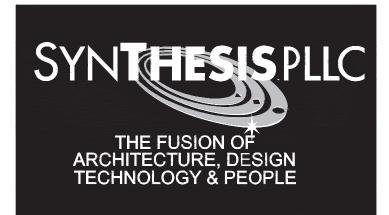
GLAZING TYPE SPGL (SPANDREL GLASS).

WALL SCONCE LIGHT FIXTURE EA SIDE OF ENTRY DOOR.

35 BELOW GRADE BITUMINOUS DAMP PROOFING

236 PATTERN USING CONCRETE FORM LINER

R-10 PERIMETER RIGID INSULATION WITH TAPERED TOP EDGE



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03 19 21 SEPA APPLICATION

A 01 05 21 PRE-APPLICATION

SUE NO. DATE ITEM

PROFESSIONAL STAMP

7154 REGISTERED
ARCHITECT
RANDALL LEE BROWN
STATE OF WASHINGTON

Date:

RANDALL LEE BROWN
STATE OF WASHINGTON

09:21:17

-08'00'

Digitally

signed by

Randy Brown

PROJECT INFORMATION

BUILDING B

Freeman Logistics Puyallup, WA — 98371

SHEET INFORMATION

RELEASE FOR: PERMIT SUBMITTAL

TITLE: WALL SECTIONS

DESIGNED BY: DRAWN BY:

REVIEWED BY: APPROVED BY:

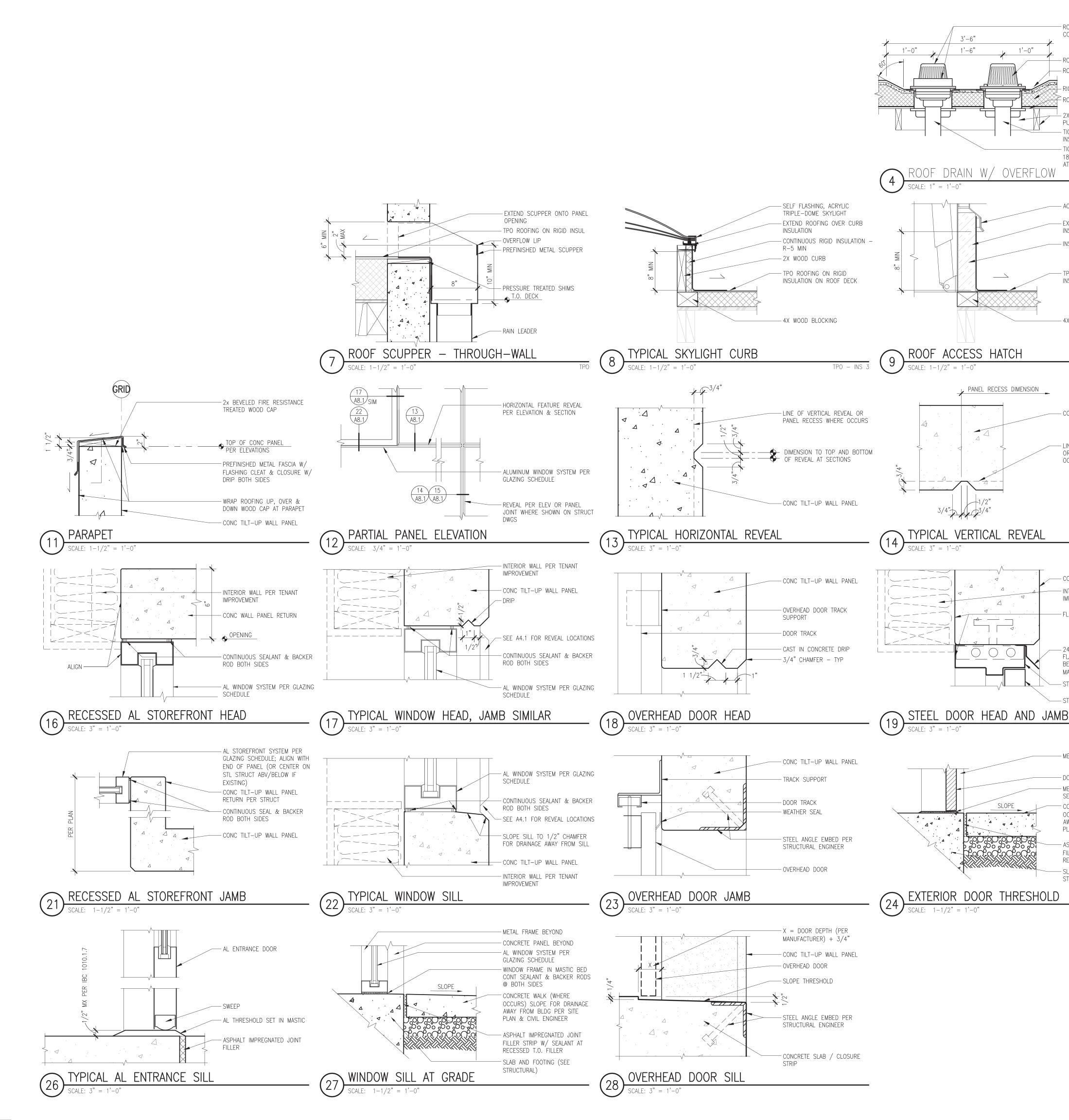
DATE: 01 05 21

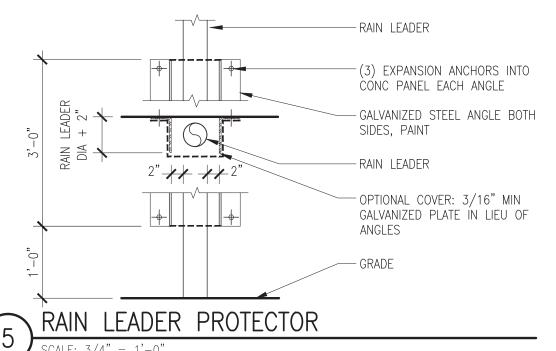
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PROJECT NO: 201401.13.031

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-ROOF OVERFLOW DRAIN WITH 2"

COLLAR

- ROOF DRAIN --- ROOF ASSEMBLY

ROOF DECK

- RIGID ROOF INSULATION

- TIGHTLINE TO STORM SEWER, INSULATE AT HEATED SPACES

-EXTEND ROOFING TO TOP OF

-INSULATED CURB - R-5 MIN

TPO ROOFING ON RIGID

- 4X WOOD BLOCKING

- CONC TILT-UP PANEL

OR PANEL RECESS WHERE

IMPROVEMENT

INTERIOR WALL PER TENANT

- 24 GA GALVANIZED STEEL DRIP

FLASHING SURFACE APPLIED IN

MATCH FRAME (AT HEAD ONLY)

BED OF MASTIC - PAINT TO

-STEEL DOOR FRAME

- METAL FRAME BEYOND

-DOOR PER DOOR SCHEDULE

METAL THRESHOLD SET IN

- CONCRETE WALK (WHERE

PLAN & CIVIL ENGINEER

RECESSED T.O. FILLER

STRUCTURAL

SLAB AND FOOTING, SEE

OCCURS) SLOPE FOR DRAINAGE

AWAY FROM BLDG PER SITE

- ASPHALT IMPREGNATED JOINT

FILLER STRIP W/ SEALANT AT

---- STEEL DOOR

SEALANT

OCCURS

INSULATION ON ROOF DECK

- TIGHTLINE TO EXTERIOR OUTLET

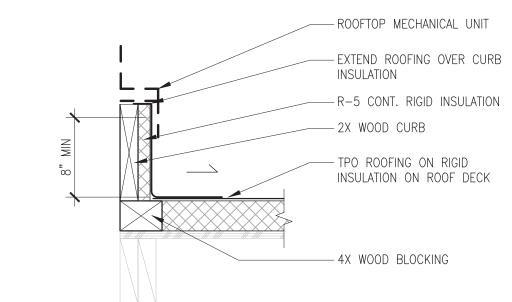
18" ABOVE FIN GRADE, INSULATE

2X6 FRAMING - EXTEND TO

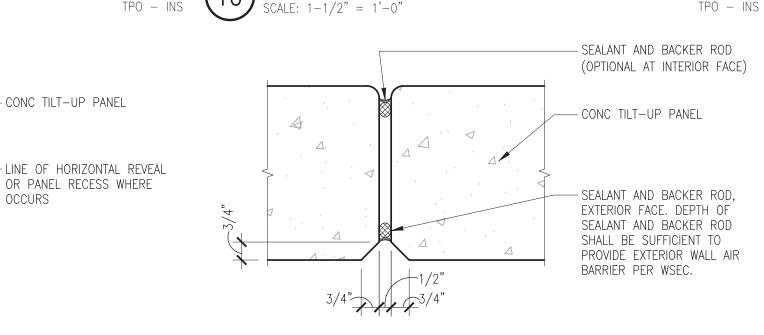
AT HEATED SPACES

- ACCESS HATCH

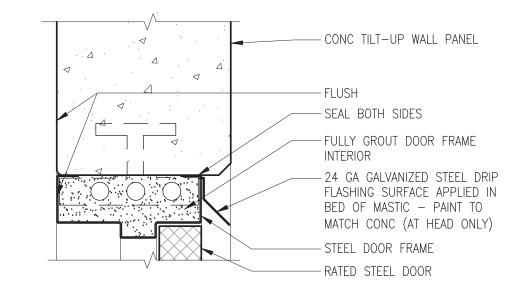
INSULATION



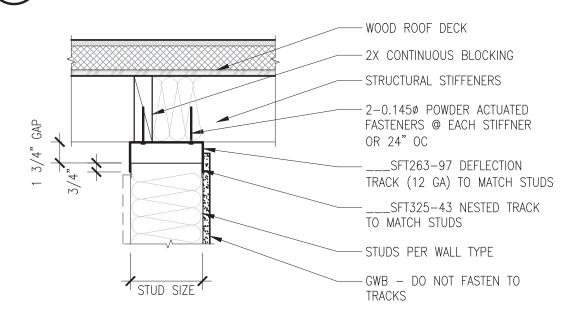
ROOFTOP MECH UNIT CURB



TYPICAL PANEL JOINT



RATED STEEL DOOR HEAD AND JAMB



METAL STUD WALL AT ROOF 1-5/8" MAXIMUM LIVE LOAD DEFLECTION SYNTHESISPLLC THE FUSION OF ARCHITECTURE, DESIGN **TECHNOLOGY & PEOPLE**

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Digitally signed by REGISTERED Randy Brown ARCHITECT Date: RANDALL LEE BROWN STATE OF WASHINGTON 2024.02.01 09:21:35

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-08'00'

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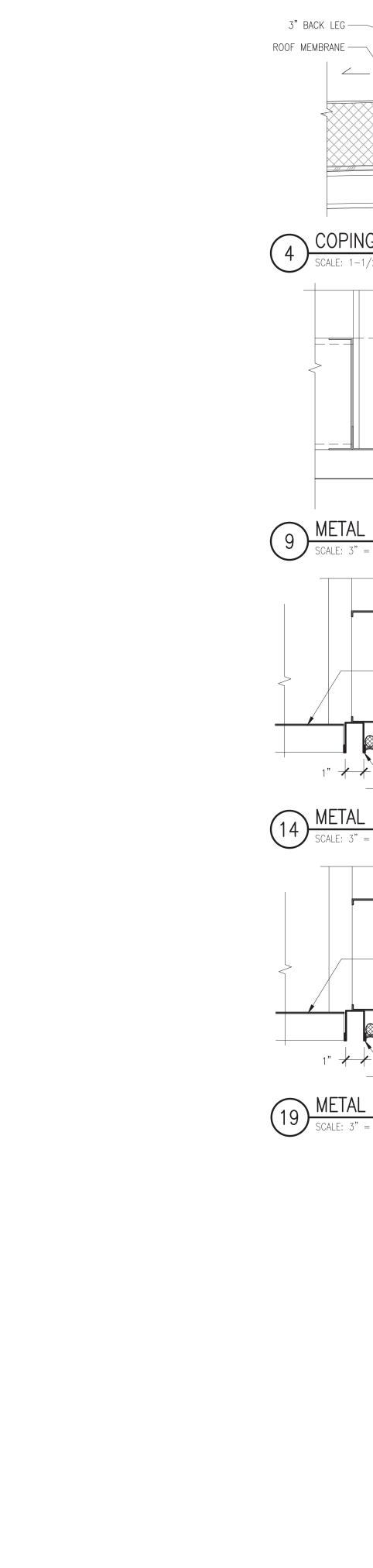
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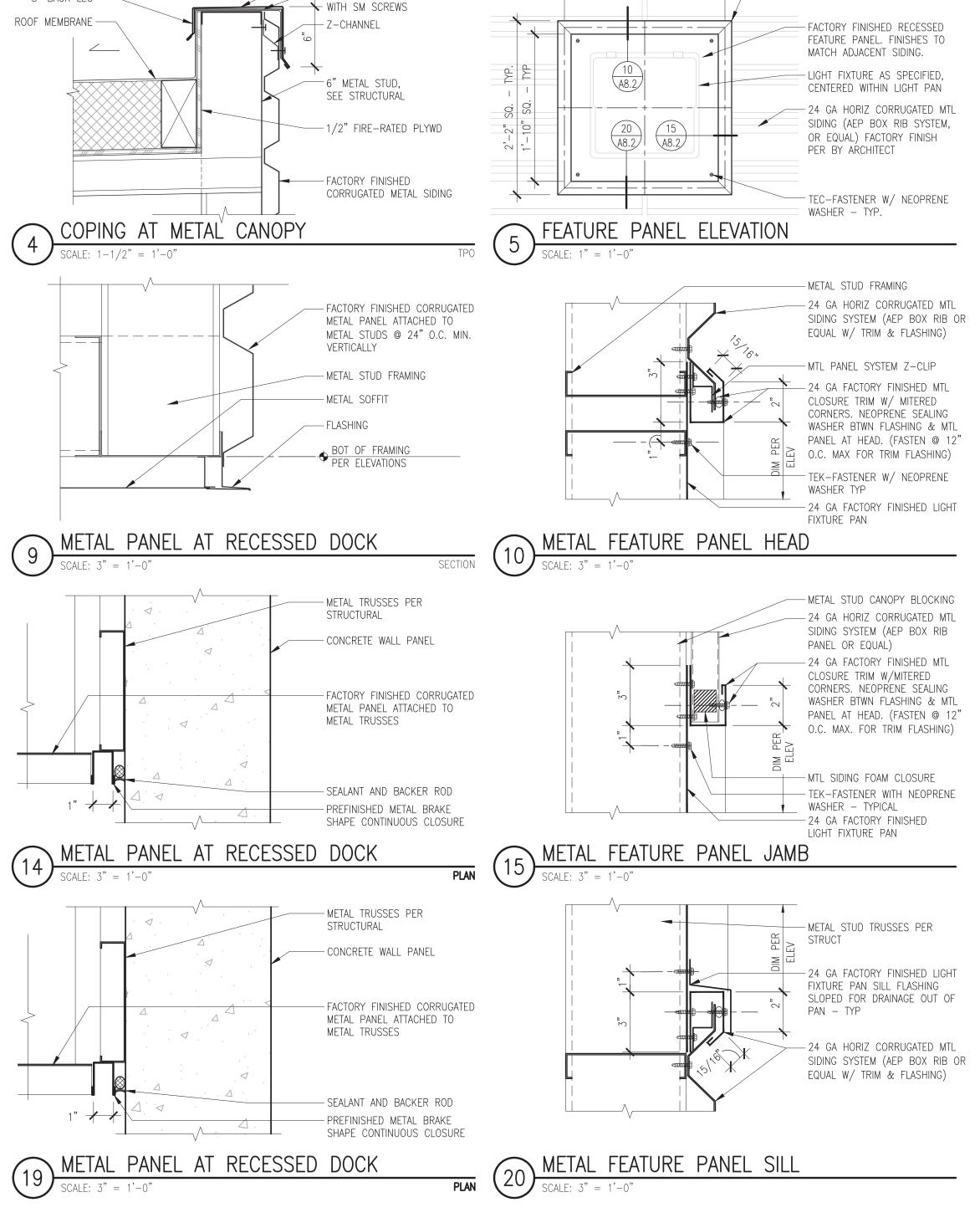
RELEASE FOR: PERMIT SUBMITTAL EXTERIOR DETAILS DESIGNED BY: DRAWN BY: APPROVED BY: REVIEWED BY: 01 05 21 A8.1 SHEET NO:

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- 24 GAUGE COPING

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— 24 GA CLOSURE TRIM FLASHING

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A	01 05 21	PRE-APPLICATION
ISSUE NO.	DATE	ITEM

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Digitally signed by Randy Brown Date: 2024.02.01 09:21:59 -08'00'

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SHEET INFORMATION

release for: PERMIT SUBMITTAL

PROJECT NO: 201401.13.031

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REVIEWED BY:

DATE:

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SHEET NO:

DETAILS

DRAWN BY:

APPROVED BY:

APPROVED BY:

AB.2

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SHOP DRAWINGS ARE AN AID FOR FIELD PLACEMENT AND ARE SUPERSEDED BY THE STRUCTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO MAKE CERTAIN THAT ALL CONSTRUCTION IS IN FULL AGREEMENT WITH THE LATEST STRUCTURAL DRAWINGS.

SPECIAL CONDITIONS:

THE DRAWINGS INDICATE THE STRUCTURE IN ITS FINAL CONDITION. DURING CONSTRUCTION THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING, BRACING, AND GUYING IN ACCORDANCE WITH SOUND PRACTICE AND ALL NATIONAL, STATE, AND LOCAL CODES. CONTRACTOR TO COORDINATE ALL TRADES AND VERIFY DIMENSIONS IN FIELD. OBTAIN ARCHITECT'S APPROVAL PRIOR TO ALL FIELD CHANGES. SEE ARCHITECTURAL DRAWINGS FOR ALL FLOOR AND WALL OPENING DIMENSIONS AND LOCATIONS, FLOOR AND WALL FINISHES, ETC.

MECHANICAL, FIRE PROTECTION AND ELECTRICAL SYSTEMS:

IT SHALL BE THE GENERAL CONTRACTOR AND/OR SUB-CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY ENGINEERING AND CONSTRUCTION DOCUMENTS FOR THEIR SCOPE OF WORK. THIS SHALL INCLUDE THE DESIGN OF THEIR SYSTEM AND ANY REVIEW AND MODIFICATIONS OF THE BASIC STRUCTURAL SYSTEM SHOWN ON THESE CONSTRUCTION DOCUMENTS AS WELL AS ANY ADDITIONAL STRUCTURAL SUPPORT REQUIRED BY THEIR

(GENERAL NOTES CONTINUED)

REFERENCE DESIGN VALUES FRAMING LUMBER:

(REINFORCING STEEL CONTINUED)

BAR SIZE

#10

INDICATED OTHERWISE ON DRAWINGS):

EARTH....

PRECAST PANELS

WELDED REBAR:

MINIMUM LAP SPLICE LENGTHS FOR CONCRETE

58"

74"

#6 THROUGH #18 BARS...

#5 BARS & SMALLER...

BEAMS & COLUMNS...

#8 BARS & SMALLER..

#9 BARS & LARGER...

WELDS TO BE BY WABO CERTIFIED WELDERS.

ARCHITECTURAL SPECIFICATIONS.

DIPPED GALVANIZED.

MACHINE BOLTS TO BE A307.

(ASTM F959) PER AISC SPECIFICATIONS.

STEEL JOISTS AND JOIST GIRDERS:

ROOF JOIST.

ROOF JOIST.

STEEL JOIST SUPPLIERS NOTE:

THE OWNER, ARCHITECT AND ENGINEER.

(GENERAL NOTES CONTINUED ABOVE LEFT)

SPECIFICATION SECTION 104.4(b).

CRITERIA SHALL MEET OR EXCEED THE FOLLOWING

33 TYPE H, WITH A MINIMUM YIELD OF 33,000 PSI.

 $\underline{\text{f'c=3500}}$ $\underline{\text{f'c=5000}}$

THE FOLLOWING MINIMUM COVER SHALL BE PROVIDED FOR REINFORCEMENT (UNLESS

CONCRETE CAST AGAINST & PERMANENTLY EXPOSED TO

SLABS, WALLS & JOIST - #11 BAR & SMALLER......

(SEE ITEM 'C' ABOVE FOR INTERIOR FACE.)

CONCRETE EXPOSED TO EARTH OR WEATHER (CAST IN FORMS)

CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND

WELDED REBAR TO BE GRADE 60 CONFORMING TO ASTM A706. (PREHEAT ALL GRADE 60

RECTANGULAR AND SQUARE HSS SECTIONS SHALL CONFORM TO ASTM A500, GRADE C (Fy =

50,000 psi). ROUND HSS SECTIONS SHALL CONFORM TO ASTM A500, GRADE C (Fy = 46,000 psi).

STRUCTURAL STEEL FOR WIDE FLANGE BEAMS SECTIONS SHALL CONFORM TO ASTM A992,

GRADE 50 (Fy = 50,000 psi). ALL OTHER STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 (Fy

WELDS NOT SPECIFIED SHALL BE 3/16" CONTINUOUS FILLET MINIMUM. ALL WELDS TO BE IN

ACCORDANCE WITH AWS D1.1 AND D1.8, AND BY WABO CERTIFIED WELDERS. USE FRESH

PRODUCING WELDS WITH A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LBS AT 0

DEGREES-F AS DETERMINED BY THE APPLICABLE AWS A5 CLASSIFICATION TEST METHOD.

DEMAND CRITICAL WELDS, AS SHOWN ON THE STRUCTURAL DRAWINGS, SHALL MEET THE

REQUIREMENTS OF D1.8. THE CONTRACTOR SHALL SUBMIT TO THE BUILDING OFFICIAL A

MISCELLANEOUS STEEL CONNECTORS TO BE SIMPSON, OR APPROVED EQUAL. NAIL ALL

DRAWINGS. ALL NAILS ATTACHING TO PRESSURE TREATED WOOD MEMBERS SHALL BE HOT

HIGH STRENGTH BOLTS FOR STEEL TO STEEL CONNECTIONS SHALL BE ASTM A325N OR ASTM

A490, INSTALLATION AND SPECIAL INSPECTION PER AISC SPECIFICATIONS. ALL A325N OR

OTHERWISE ON PLANS. MINIMUM BOLT PRETENSION PER AISC 16.1 TABLE J3.1 UNLESS

CALIBRATED WRENCH, TWIST-OFF-TYPE (ASTM F3125), OR DIRECT-TENSION INDICATOR

ALL GALVANIZED 43 AND 33 MIL. STUDS, TRACK BRIDGING AND ACCESSORIES SHALL BE

ALL GALVANIZED STUDS, TRACK, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM

ALL PLYWOOD SHALL CONFORM TO U.S. PRODUCT STANDARD PS 1-09. ALL O.S.B. SHALL

HIGH SHEAR DIAPHRAGMS SHALL HAVE SPECIAL INSPECTIONS AS OUTLINED BELOW.

STEEL JOISTS AS ADOPTED BY THE STEEL JOIST INSTITUTE. A CERTIFICATION OF

COMPLIANCE SHALL BE PROVIDED AT THE COMPLETION OF FABRICATION. JOIST

MANUFACTURER TO PROVIDE ALL BRIDGING AND BLOCKING, BOTH PERMANENT AND

ERECTION. SHOP DRAWINGS AND DESIGN CALCULATIONS. STAMPED BY A LICENSED

BY THE SAME ENGINEER ARE SUBMITTED ALONG WITH THE SHOP DRAWINGS. DESIGN

WASHINGTON STATE PROFESSIONAL ENGINEER, ARE TO BE SUBMITTED FOR REVIEW PRIOR

TO FABRICATION. SHOP DRAWINGS WILL NOT BE REVIEWED UNLESS THEY BEAR THE STAMP

OF A LICENSED WASHINGTON STATE STRUCTURAL ENGINEER AND CALCULATIONS STAMPED

..LOADING -- TOP CHORD...

THE JOIST CONFIGURATIONS, INCLUDING DEPTHS AND SPACING, SHOWN ON THE DRAWINGS

INDICATE THE DESIRED JOIST CONFIGURATION AND ARE TO BE COMPLIED WITH WHEREVER

SPECIFIED WITH THE JOIST CONFIGURATION INDICATED, HE OR SHE IS TO SUBMIT WRITTEN

NOTICE TO THAT AFFECT TO THE ARCHITECT PRIOR TO SUBMITTING A COST PROPOSAL OR

IF A DIFFERENT SYSTEM IS PROPOSED THAT REQUIRES REVISIONS TO PRESENT STRUCTURAL

BEARING LENGTH LESS THAN MINIMUM REQUIREMENT, SPECIAL END CONDITIONS (SHORT

IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND JOIST MANUFACTURER TO

MANUFACTURER'S BID WHETHER OR NOT AN ALLOWANCE HAS BEEN MADE FOR FOR THESE

EQUIPMENT PRIOR TO SUBMITTING SHOP DRAWINGS. IT SHALL BE NOTED IN THE JOIST

WHERE IT IS NECESSARY TO BUTT OPPOSITE JOISTS OVER A NARROW SUPPORT WITH

BEARING LENGTH) SHALL BE DESIGNED BY THE JOIST MANUFACTURER PER SJI

VERIFY THE WEIGHT AND LOCATIONS OF ALLSPRINKLER LINES AND MECHANICAL

FRAMING OR DETAILS, SUCH SYSTEM SHALL BE CONSIDERED SUBJECT TO THE APPROVAL OF

POSSIBLE. IF A JOIST MANUFACTURER IS UNABLE TO MEET THE LOAD REQUIREMENTS

..DEFLECTION -- LIVE LOAD.....

25 PSF L.L. PLUS

9 PSF D.L.

...L/360

-- BOTTOM CHORD...... 6 PSF D.L.

-- TOTAL LOAD.....L/240

CONFORM TO U.S. PRODUCT STANDARD PS 2-18. NAILING SHALL BE AS INDICATED ON PLAN.

CONTRACTOR IS TO CALL THE ENGINEER TO SCHEDULE SITE VISIT PRIOR TO COVERING ROOF

STEEL JOISTS ARE TO BE DESIGNED AND FABRICATED IN ACCORDANCE WITH THE AMERICAN

INSTITUTE OF STEEL CONSTRUCTION SPECIFICATIONS AND STANDARD SPECIFICATIONS FOR

ROOF SHEATHING......15/32" CDX PLYWOOD STRUCTURAL I RATED PANELS

GLUE.....INDEX 32/16

STEEL HAVING A G-60 GALVANIZED COATING MEETING THE REQUIREMENTS OF ASTM A1003.

WITH STRENGTH AXIS PARALLEL TO SUPPORTS W/EXTERIOR

FORMED FROM STEEL THAT CORRESPONDS TO THE REQUIREMENTS OF ASTM A1003, GRADE

A490 BOLTS SHALL BE PRETENSIONED IN STANDARD BOLT HOLES UNLESS NOTED

NOTED OTHERWISE. ACCEPTABLE PRETENSIONING METHODS ARE TURN-OF-NUT,

HOLES WITH NAILS AS SPECIFIED BY MANUFACTURER UNLESS SHOWN OTHERWISE ON

E70XX LOW HYDROGEN ELECTRODES. ALL STRUCTURAL WELDS SHOULD BE CONSIDERED

PART OF THE SEISMIC FORCE RESISTING SYSTEM AND SHALL BE MADE WITH FILLER METAL

REBAR PRIOR TO WELDING.) USE FRESH E80XX LOW HYDOGEN ELECTRODES TO WELD

GRADE 60 REINFORCING; CONFORM TO PROCEDURES OF AWS D1.4, RECOMMENDED

= 36,000 psi) OR ASTM A992 GRADE 50 (Fy = 50,000 psi). APPLY PRIMER COATS PER

WELDING PROCEEDURE SPECIFICATION THAT VERIFIES THESE REQUIREMENTS.

PRACTICES FOR WELDING REINFORCING STEEL. SEE SPECIAL INSPECTION PROGRAM.

LUMBER NOT NOTED SHALL BE D.F. #2 OR BETTER.

ALL GRADES SHALL CONFORM TO WWPA WESTERN LUMBER GRADING RULES -- 2021 EDITION. ALL BOLTS HEADS AND NUTS BEARING AGAINST WOOD SHALL BE PROVIDED WITH STANDARD CUT WASHERS EXCEPT AS NOTED FOR ANCHOR BOLTS UNDER STRUCTURAL STEEL SECTION. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED. MAXIMUM MOISTURE CONTENT 19% AT INSTALLATION FOR ALL LUMBER.

PRECAST PANELS:

PANEL LIFTING STRESSES ARE TO BE CHECKED BY THE CONTRACTOR AND HE SHALL PROVIDE REINFORCING STEEL AS REQUIRED FOR HIS METHOD OF HANDLING AND ERECTION OF PRECAST PANELS. USE STRONGBACKS AS REQUIRED AT EXCESSIVE PANEL OPENINGS. CONTINUOUS GROUT BETWEEN PANELS AND FOOTINGS TO BE "EMBECO" MASTER FLOW #713 BY MASTER BUILDERS, INC. OR APPROVED EQUAL. SEE DRAWINGS FOR ADDITIONAL NOTES REGARDING PRECAST PANELS.

STATEMENT OF SPECIAL INSPECTIONS:

SPECIAL INSPECTIONS SHALL BE PERFORMED AS OUTLINED IN THE STRUCTURAL NOTES. TESTING SHALL BE IN ACCORDANCE WITH THE SPECIAL INSPECTION SECTION OUTLINED ON THIS DRAWING SHEET. A SEPARATE STATEMENT OF SPECIAL INSPECTIONS AS REQUIRED PER D) IBC SECTION 1705 SHALL BE PROVIDED BY OTHERS FOR ALL MATERIALS, SYSTEMS. COMPONENTS AND WORK NOT INCLUDED IN THE STRUCTURAL DRAWINGS.

SPECIAL INSPECTION FOR SEISMIC RESISTANCE:

SPECIAL INSPECTION FOR SEISMIC RESISTANCE IS REQUIRED FOR THE FOLLOWING COMPONENTS AND SYSTEMS:

- 1) ROOF TOP HVAC UNITS CONTAINING HAZARDOUS MATERIALS
- 2) WALL TIES 3) ROOF DIAPHRAGM
- 4) DRAG STRUTS 5) BRACE/ MOMENT FRAMES
- 6) SHEAR WALLS
- 7) HOLD-DOWNS
- 8) CONCRETE WALL REINFORCING AND CONNECTIONS 9) FOUNDATION REINFORCING

CONTRACTORS RESPONSIBILITY (IBC SECTION 1704.4):

THE CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF THE MAIN WIND OR SEISMIC FORCE RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM, OR WIND/SEISMIC RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN THE FOLLOWING:

- 1. ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS;
- 2. ACKNOWLEDGMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL;
- 3. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND DISTRIBUTION OF THE REPORTS;
- 4. IDENTIFICATION AND QUALIFICATIONS OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITION(S) IN THE ORGANIZATION.

SPECIAL INSPECTIONS:

SPECIAL INSPECTIONS PER IBC SECTION 1705. A COPY OF ALL INSPECTION REPORTS AND TEST RESULTS FOR ALL REQUIRED INSPECTIONS SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT, SHUTLER CONSULTING ENGINEERS, THE OWNER AND THE ARCHITECT BY THE TESTING AGENCY FOR REVIEW. THE TESTING AGENCY SHALL BE AN INDEPENDENT TESTING AGENCY APPROVED BY THE BUILDING DEPARTMENT. THE FOLLOWING INSPECTIONS SHALI BE PROVIDED AS A MINIMUM; ADDITIONAL INSPECTIONS AS REQUIRED BY THE BUILDING DEPARTMENT SHALL ALSO BE PERFORMED. JOB SITE VISITS BY THE ENGINEER DO NOT CONSTITUTE AN OFFICIAL INSPECTION. SPECIAL INSPECTION OF THE PANELIZED ROOF STIFFENER HANGERS SHALL BE PER THE DETAIL ON SHEET S-3.0.

SEE SPECIAL INSPECTION FREQUENCY TABLE ON SHEET S1.01 FOR BOTH ON SITE CONSTRUCTION AND OFF SITE FABRICATION

SPRINKLER SUPPORT NOTES:

1A. ALL SPRINKLER PIPE LARGER THAN 3" NOMINAL DIAMETER IS TO BE CONSIDERED A "MAIN" FOR THE PURPOSE OF THESE NOTES.

B. THE BIDS FOR BOTH THE SPRINKLER AND JOISTS ARE TO INCLUDE ALL HANGERS, BRACES. ETC.. AND ACCOUNT FOR THE LOADS INDICATED.

2A. ALL MAINS RUNNING PERPENDICULAR TO THE JOISTS ARE TO BE VERTICALLY SUPPORTED NO FARTHER APART THAN AT EVERY OTHER JOIST.

B. EACH JOIST THAT IS CROSSED BY A MAIN IS TO BE DESIGNED FOR THE VERTICAL SUPPORT LOAD BASED ON SUPPORTS AT EVERY OTHER JOIST.

5. ALL MAINS RUNNING PARALLEL TO THE JOISTS MUST BE: A. PLACED MID-WAY BETWEEN TWO JOISTS AND BE TRAPEZED SO EACH JOIST SUPPORTS HALF THE LOAD. B. SUPPORTED AT 10'-0" ON CENTER MAXIMUM.

4. USE THE FOLLOWING WEIGHTS FOR SPRINKLER VERTICAL SUPPORT DESIGN:

WT PER FOOT HANGER VERTICAL LOAD EXAMPLE: GIVEN: 8" DIAMETER MAIN--SUPPORTS AT 5' ON CENTER 32# FIND: HANGER DESIGN LOAD 24# SOLN: $51\#/FT \times 10' = 510\#$

17#

3-1/2" TOTAL SUPPORT DESIGN LOAD = 760#/HGR ALL HANGERS TO BE DESIGNED, SUPPLIED AND INSTALLED BY THE SPRINKLER SUPPLIER.

ADDN'L PER NFPA #13 = 250#

- 5. SPRINKLER LATERAL SWAY BRACING (AT 90 DEGREES TO MAIN) TO BE:
- A. SPACED A MAXIMUM OF TWICE THE VERTICAL SUPPORT SPACING. B. BRACED FROM THE MAIN TO A ROOF STRUCTURAL MEMBER WITH CONNECTIONS
- DESIGNED AND INSTALLED BY THE SPRINKLER SUPPLIER. C. DESIGNED FOR A LATERAL LOAD OF THE WEIGHT PER FOOT OF HALF THE WATER FILLED PIPE WEIGHT TIMES THE SWAY BRACE SPACING.
- 6. THE SPRINKLER DESIGNER IS TO PROVIDE THE CONTRACTOR, ARCHITECT AND JOIST MANUFACTURER WITH DETAILS OF HANGER AND SWAY BRACE ATTACHMENTS WITH DESIGN LOADS, SO THESE LOADS CAN BE DESIGNED INTO THE JOISTS, ETC.
- 7. THE ROOF JOIST DESIGNER TO PROVIDE AND INSTALL ADDITIONAL BRACES TO TAKE THE SWAY BRACE LOAD FROM THE SWAY BRACE INTO THE ROOF DIAPHRAGM.

THE FOLLOWING ITEMS ARE DEFERRED STRUCTURAL COMPONENTS SUBMITTALS. REFER TO ARCHITECTURAL, MECHANICAL ELECTRICAL AND CIVIL DRAWINGS FOR ADDITIONAL DEFERRED SUBMITTAL COMPONENTS.

- 1. STEEL JOIST AND GIRDERS
- 2. MECHANICAL AND ELECTRICAL COMPONENT CONNECTIONS & SUPPORTS

DOCUMENTS FOR DEFERRED SUBMITTALS SHALL BE SUBMITTED TO SHUTLER CONSULTING ENGINEERS, INC. WHO SHALL REVIEW THEM FOR GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTALS SHALL THEN SUBMITTED TO THE BUILDING DEPARTMENT BY THE GENERAL CONTRACTOR. DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL APPROVED BY THE BUILDING OFFICIAL.

SHOP DRAWINGS FOR THE FOLLOWING ITEMS SHALL BE SUBMITTED TO THE ARCHITECT AND ITEMS. STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS CONSISTING OF REPRODUCTIONS OR COPIES OF ANY PORTIONS OF THE STRUCTURAL DRAWINGS WILL NOT BE ACCEPTED AS SHOP DRAWINGS NOR REVIEWED BY THE STRUCTURAL ENGINEER AS

1) REINFORCING STEEL

a)structural concrete elements i.e. beams, walls, col, ftgs, etc.

2) STRUCTURAL STEEL ITEMS 3) STEEL JOISTS & GIRDERS

(SHOP DRAWINGS CONTINUED ABOVE LEFT)

GENERAL NOTES

CODE: INTERNATIONAL BUILDING CODE, 2018 EDITION

BUILDING RISK CATEGORY = II

LIVE LOADS: JNIFORM LOADS:

 $I_{S} = 1.0$

LOCATION LIVE LOAD REDUCIBLE SLAB ON GRADE (SEE SLAB ON GRADE NOTES) 25 PSF (SNOW)

SNOW LOAD DATA

Pf = 25 PSF (WITHOUT DRIFT) Pg = 20 PSFCe = 0.9Pd = N/ACt = 1.0W = N/A

WIND DESIGN INFORMATION:

WIND LOADS ON THE MAIN WIND-FORCE RESISTING SYSTEM (MWFRS) WAS DETERMINED USING THE ENVELOPE PROCEDURE.

 $V_{\text{ult}} = 95 \text{ MPH}$ $V_{\text{asd}} = 74 \text{ MPH}$ WIND SPEED EXPOSURE "B" $\lambda = 1.0$

SEISMIC DESIGN INFORMATION: SEISMIC FORCE RESISTING SYSTEM IS A BEARING WALL SYSTEM WITH SPECIAL REINFORCED CONCRETE SHEAR WALLS. THE STRUCTURE WAS ANALYZED USING THE EQUIVALENT

LATERAL FORCE PROCEDURE. R = 5.0 $\Omega_{\rm O} = 2.0$ $S_S = 1.288$ $S_{DS} = 0.858$ $S_{D1} = 0.546$ $S_1 = 0.443$

 $C_S = 0.172$ = 1.0REINFORCING TO BE WELDED SHALL NOT HAVE CARBON CONTENT IN EXCESS OF .35%. ALL SITE SOIL CLASS = F

...1" EXTERIOR FACE

..2" EXTERIOR FACE

DESIGN SOIL CLASS PER GEOTECHNICAL REPORT: D SEISMIC DESIGN CATEGORY = DBASE SHEAR, $V_{ULT} = 2507 \text{ KIPS}$

FOUNDATION DESIGN PER GEOTECHNICAL REPORT #T-8565 DATED AUGUST 11, 2021, BY TERRA ASSOCIATES, INC. ALL FOUNDATION WORK PER THIS REPORT. DESIGN CRITERIA INDICATED IN THE GEOTECHNICAL REPORT ARE AS FOLLOWS.

ALLOWABLE SOIL BEARING CAPACITY... PASSIVE SOIL RESISTANCE... 300 PCF ACTIVE SOIL PRESSURE... 35 PCF COEFFICIENT OF FRICTION.... 0.35

ALL EXTERIOR FOOTINGS TO BE A MINIMUM OF 18 INCHES BELOW LOWEST ADJACENT GRADE. SOILS ENGINEER TO INSPECT AND APPROVE FOUNDATION EXCAVATIONS PRIOR TO POURING. ALL FOOTINGS AND SLABS SHALL BEAR ON STRUCTURAL FILL. SEE THE SOILS REPORT FOR SPECIFIC FILL REQUIREMENTS, FILL PLACEMENT REQUIREMENTS, PRELOAD REQUIREMENTS AND ADDITIONAL INFORMATION.

THE SLAB ON GRADE FOR THIS PROJECT IS TYPICAL OF OTHER BUILDINGS WITH SIMILAR FLOOR LOADING AND SOIL CONDITIONS CONSTRUCTED IN THIS AREA. THE SLAB HAS NOT BEEN DESIGNED FOR ANY SPECIFIC LIVE LOAD AND HAS BEEN DETAILED TO MEET LOCAL INDUSTRY STANDARDS FOR SIMILAR BUILDINGS. NO CONSTRUCTION LOADS HAVE BEEN INCLUDED IN THE DESIGN OF THE FLOOR SLAB.

THE CONTRACTOR SHALL REVIEW WITH THE SOILS ENGINEER THE CONSTRUCTION LOADING OF THE SLAB AND SOILS BELOW. HE SHALL TAKE THE NECESSARY MEASURES TO INSURE THAT THE SLAB AND SOILS BELOW WILL NOT BE AFFECTED OR DAMAGED BY THE CONSTRUCTION LOADING. THE CONTRACTOR SHALL ADD ADDITIONAL CONCRETE, REINFORCING AND UPGRADE JOINT DETAILING AS REQUIRED FOR HIS LOADING.

CONTROL JOINTS SHALL BE SOFF CUT JOINTS PER THE DETAILS ON THE STRUCTURAL DRAWINGS. JOINTS SHALL BE CUT 0 TO 2 HOURS AFTER FINAL FINISH AT EACH JOINT LOCATION (AS SOON AS THE SLAB WILL SUPPORT THE SOFF CUT MACHINE AND OPERATOR). COMPLY WITH THE SOFF-CUT INTERNATIONAL, INC. INSTRUCTIONS FOR THE SOFF CUT SYSTEM. ALL JOINTS SHALL BE FILLED WITH MM-80 AS MANUFACTURED BY METZER MCGUIRE OR APPROVED EQUAL. THE JOINT FILLER SHALL BE INSTALLED IN CONFORMANCE WITH THE MANUFACTURER'S SPECIFICATIONS. INSTALL THE JOINT FILLE. AS LONG AFTER THE SLAB HAS BEEN POURED AS POSSIBLE, BUT NOT LESS THAN 90 DAYS AFTER THE SLAB HAS BEEN POURED. THE JOINT SHALL BE CLEAN AND SOUND, AND FREE OF ALL OIL, DIRT, DEBRIS, PAINT AND ANY OTHER MATERIAL THAT MAY BE A BOND BREAKER. THE CONCRETE CURING COMPOUND MUST BE REMOVED PRIOR TO INSTALLING THE JOINT FILLER AND/OR SURFACE SEALER.

ALL CONCRETE SHALL BE STONE-AGGREGATE CONCRETE HAVING A UNIT WEIGHT OF APPROXIMATELY 145 POUNDS PER CUBIC FOOT. 28 DAY COMPRESSIVE STRENGTH SHALL BE AS FOLLOWS:

AS FULLOWS.					
		EXPOSURE	MAX W/C	AIR	
CONSTRUCTION	<u>F'c</u>	CLASS	RATIO	CONTENT	
PRECAST WALL PANELS	6,000 PSI	F0, S0, W0, C1	N/A	N/A	
FOOTINGS	3,500 PSI	F1, S0, W0, C1	0.55	5%	
CAST IN PLACE WALLS	3,500 PSI	F0, S0, W0, C1	N/A	N/A	
INTERIOR SLAB ON GRADE	3,500 PSI	F0, S0, W0, C0	N/A	N/A	

DESIGN MIX FOR SLABS ON GRADE SHALL PROVIDE A MIX WITH A MAXIMUM SHRINKAGE OF 0.04% AT 28 DAYS.

CONCRETE IN ALL EXTERIOR SLABS TO BE AIR ENTRAINED 6% PLUS OR MINUS 1%.

CONCRETE SUBMITTALS SHALL CONFORM TO ACI 318 CHAPTER 26. MIXING AND PLACING OF ALL CONCRETE SHALL BE IN ACCORDANCE WITH THE IBC AND ACI CODE 318. PROPORTION OF AGGREGATE TO CEMENT SHALL BE AS SUCH TO PRODUCE A DENSE, WORKABLE MIX, WITH A MAXIMUM SLUMP OF 5 INCHES, WHICH CAN BE PLACED WITHOUT SEGREGATION OR EXCESS FREE SURFACE WATER. 3/4" CHAMFER ON ALL EXPOSED CONCRETE EDGES UNLESS INDICATED OTHERWISE ON ARCHITECTURAL DRAWINGS. GROUT FOR COLUMN BASES SHALL BE "HI-FLOW GROUT" AS MANUFACTURED BY THE EUCLID CHEMICAL CO. OR APPROVED

ANCHORAGE TO CONCRETE:

EXPANSION BOLTS INTO CONCRETE SHALL BE SIMPSON STRONG-BOLT 2 AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INC. SPECIAL INSPECTION AND INSTALLATION PER ICC-ES REPORT ESR-3037.

EPOXY FOR FASTENING ANCHOR BOLTS AND REBAR INTO EXISTING CONCRETE TO BE SIMPSON SET-3G EPOXY ADHESIVE AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INC. SPECIAL INSPECTION AND INSTALLATION PER ICC-ES REPORT ESR-4057.

ANCHOR RODS INTO CONCRETE SHALL BE GRADE 36 MANUFACTURED AND INSTALLED PER ASTM F1554. ALL ANCHOR RODS/BOLTS ATTACHING PRESSURE TREATED WOOD PLATES TO CONCRETE SHALL BE HOT DIPPED GALVANIZED. ALL ANCHOR BOLTS FOR SILL PLATES SHALL BE PROVIDED WITH 3" X 3" X 0.229" THICK (MIN) PLATE WASHERS.

ANCHORAGE SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER. ANCHORAGE SUBSTITUTION REQUESTS REQUIRE ADDITIONAL ENGINEERING SERVICES.

ALL REINFORCEMENT SHALL CONFORM TO ASTM A615. (SEE BELOW FOR WELDED REBAR). ALL REINFORCING SHALL BE GRADE 60 (Fy = 60,000 psi; Fs = 32,000 psi). LAP CONTINUOUS REINFORCING BARS IN CONCRETE AS INDICATED BELOW. CORNER BARS (1'-7" BEND) WILL BE PROVIDED FOR ALL HORIZONTAL REINFORCEMENT. DETAIL STEEL IN ACCORDANCE WITH THE ACI MANUAL OF STANDARD PRACTICE OF DETAILING REINFORCED CONCRETE STRUCTURES. WELDED HEAD STUDS SHALL COMPLY WITH AWS D1.1. AND STUD MATERIAL SHALL COMPLY WITH ASTM A29 (Fy=65,000 psi).

REBAR FOR TILT-UP PANELS SHALL BE A706. A615 REBAR IS ACCEPTABLE IF MILL TESTS SHOW: 1) Fy DOES NOT EXCEED 60,000 psi BY MORE THAN 18,000 psi, AND 2)THE RATIO OF ACTUAL TENSILE STRENGTH TO ACTUAL YIELD STRENGTH IS NOT LESS THAN 1.25.

(REINFORCING STEEL CONTINUED ABOVE LEFT)



12503 Bel-Red Road, Suite 100 Bellevue, WA 98005 p 425 646 1818 f 425 646 4141





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REVISIONS

1-31-2024

PROFESSIONAL STAMP

PERMIT SET



ISSUE NO.

PROJECT INFORMATION

SHEET INFORMATION

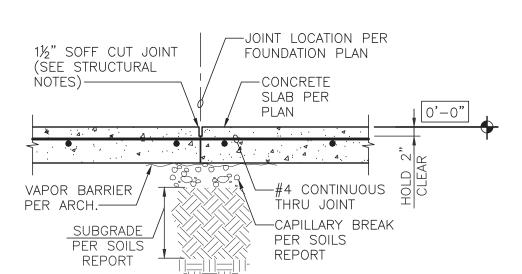
RELEASE FOR: TITLE: GENERAL NOTES DRAWN BY: AL, TM DESIGNED BY: DV REVIEWED BY: JH APPROVED RY DATE: 8-25-2023 SHEET NO:

www.synthesispllc.com

PROJECT NO: 21-41

WORK POINT

STRUCTURAL TEE WELDED WIRE FABRIC



JOINT (S.J.)

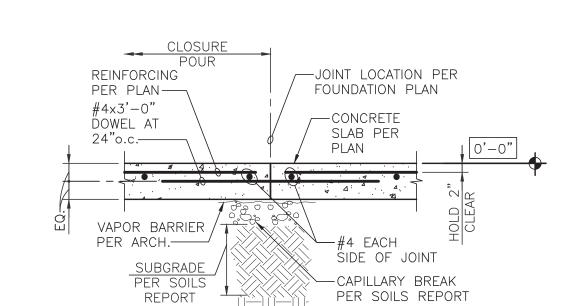
INTERIOR

KIP (1000 lbs)

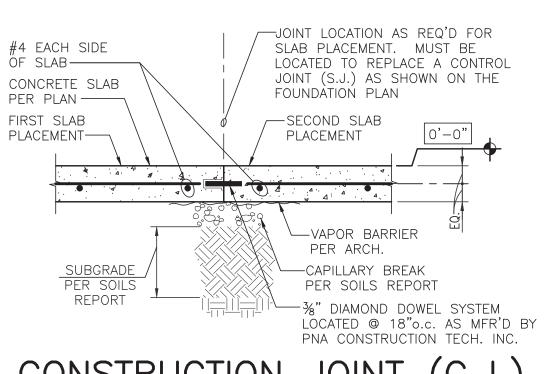
KIPS PER SQUARE INCH KIPS PER SQUARE FOOT

JOIST

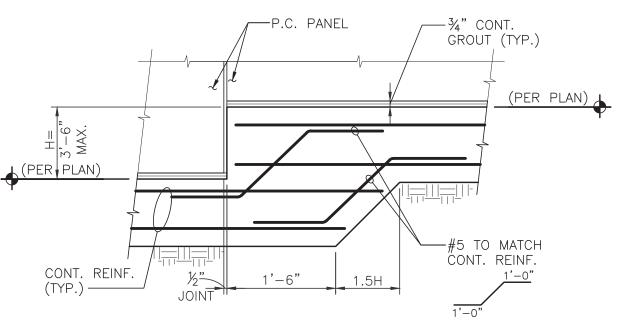
KSI



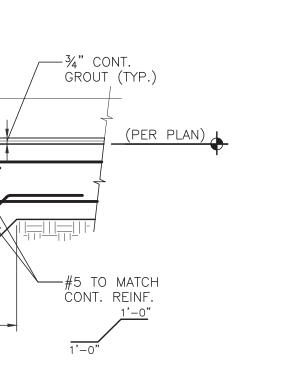
CLOSURE STRIP JT. (C.S.)

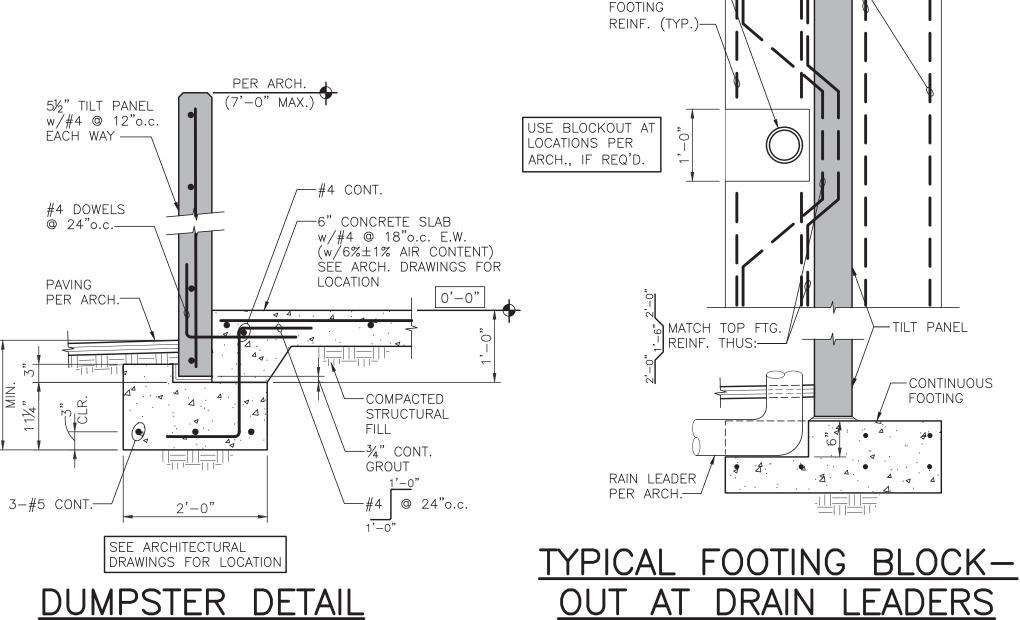


CONSTRUCTION JOINT (C.J.)



TYP. STEP FOOTING DETAIL





FOOTING

REINF. (TYP.)—

-continuous

FOOTING

RAIN LEADER

PER ARCH.



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11411 NE 124th Street Suite 190 Kirkland, WA 98034



ENGINEERS Inc. 12503 Bel-Red Road, Suite 100 Bellevue, Washington 98005

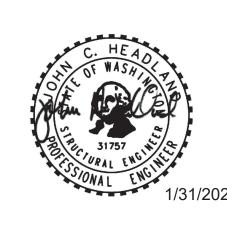
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PROJECT INFORMATION

BUILDING B

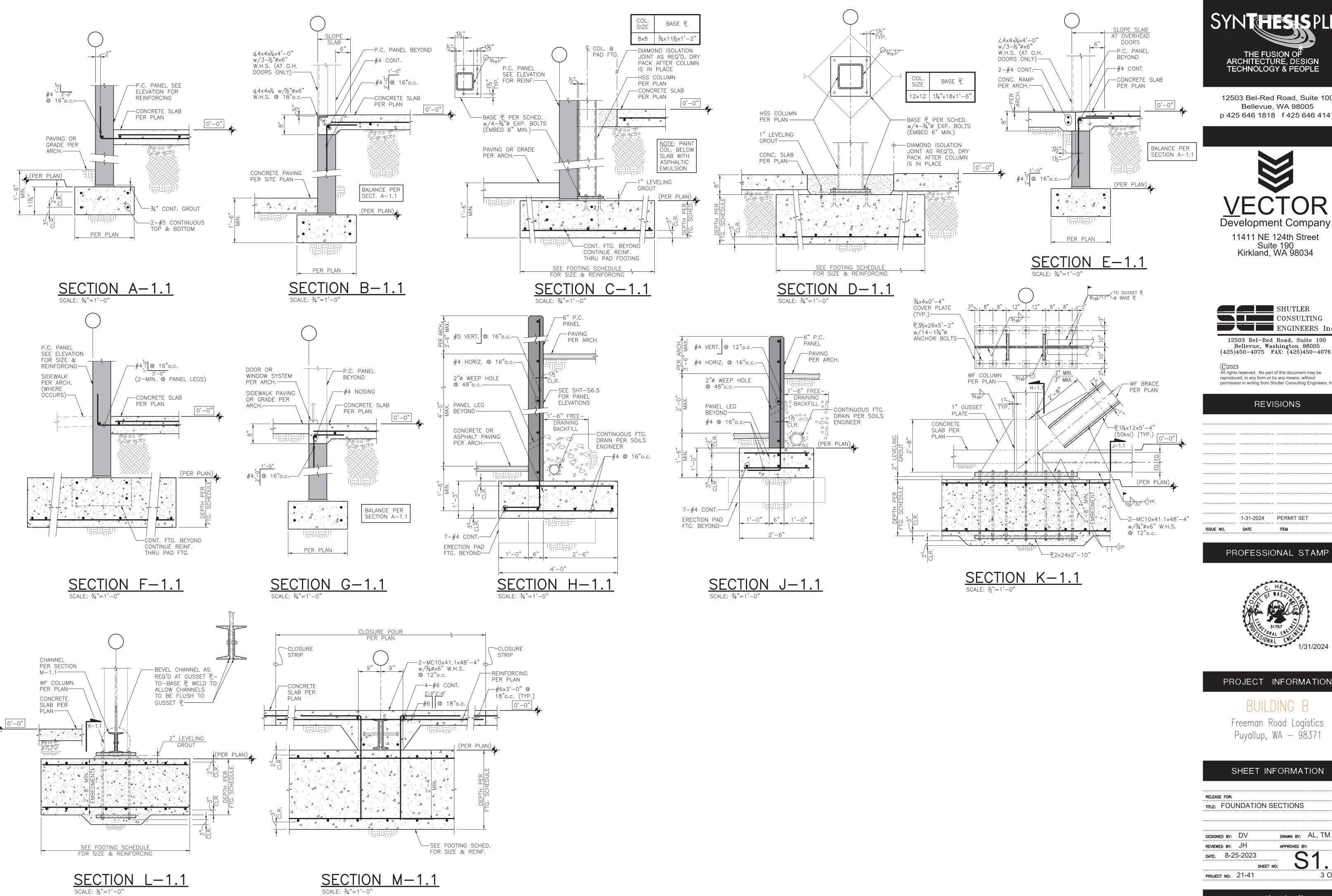
Freeman Road Logistics Puyallup, WA — 98371

SHEET INFORMATION

RELEASE FOR: TITLE: SPECIAL INSPECTIONS, ABBREVIATIONS LIST & SECTIONS DESIGNED BY: DV DRAWN BY: AL, TM

REVIEWED BY: JH APPROVED BY: DATE: 8-25-2023 SHEET NO:

PROJECT NO: 21-41 2 OF 18



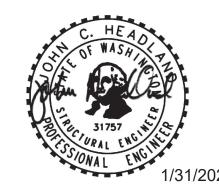
SYNTHESISPLLC THE FUSION OF ARCHITECTURE, DESIGN TECHNOLOGY & PEOPLE

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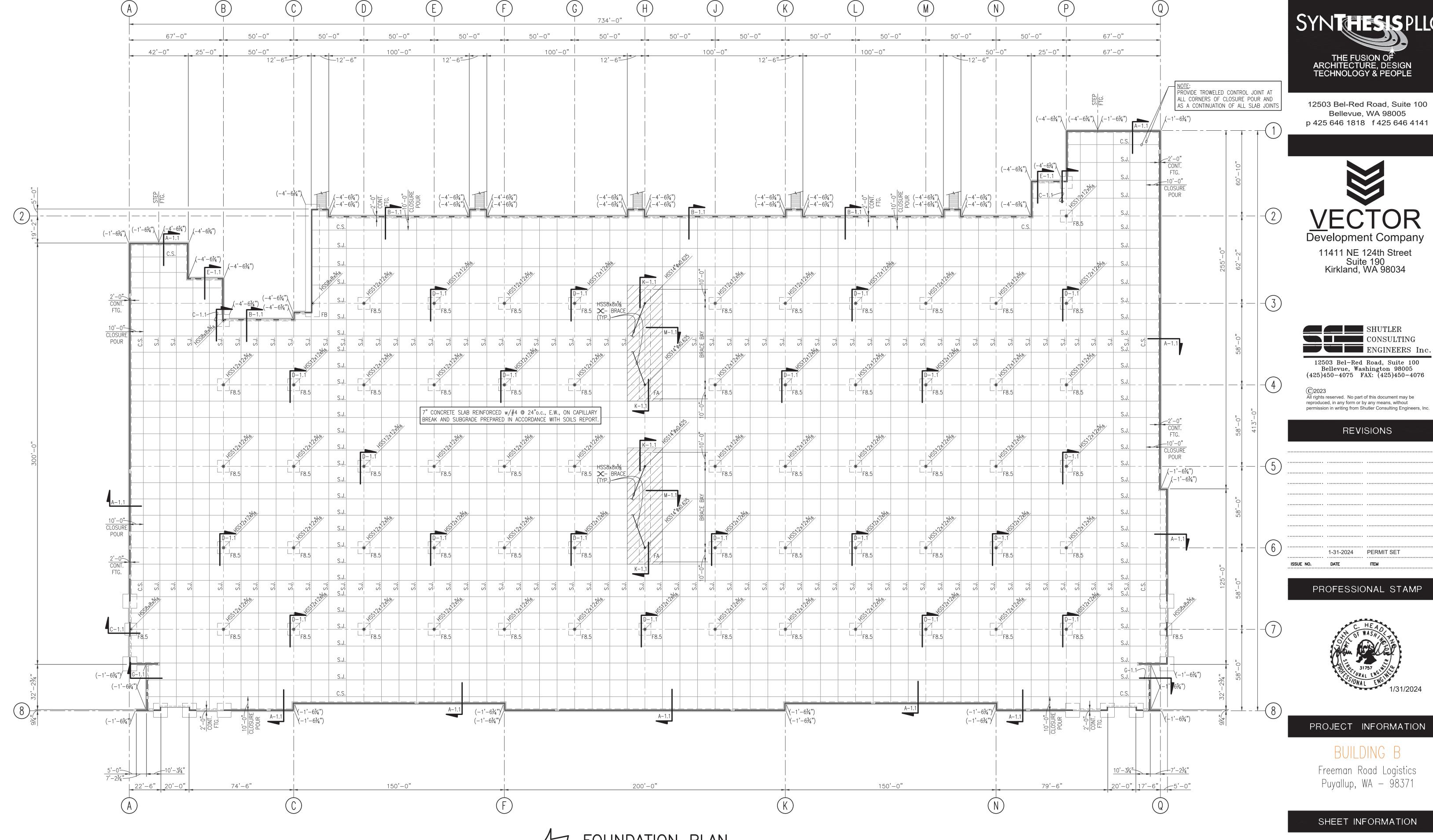
Freeman Road Logistics Puyallup, WA - 98371

SHEET INFORMATION

TITLE: FOUNDATION SECTIONS DRAWN BY: AL, TM APPROVED BY:

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3 OF 18





FOUNDATION PLAN

- NOTES: 1) TOP OF FINISHED FLOOR SLAB 54.5' IS REFERENCE DATUM 0'-0".
 - ELEVATIONS SHOWN THUS: (-__''-__'') INDICATE TOP OF FOOTING ELEVATION BELOW REFERENCE DATUM.
 - 3) BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE 1'-6" MINIMUM BELOW LOWEST ADJACENT GRADE.
 - 4) SEE SHEET S-1.01 FOR FOOTING & SLAB JOINT DETAILS.
 - 5) SEE SHEET S-3.0 FOR FOOTING SCHEDULE.

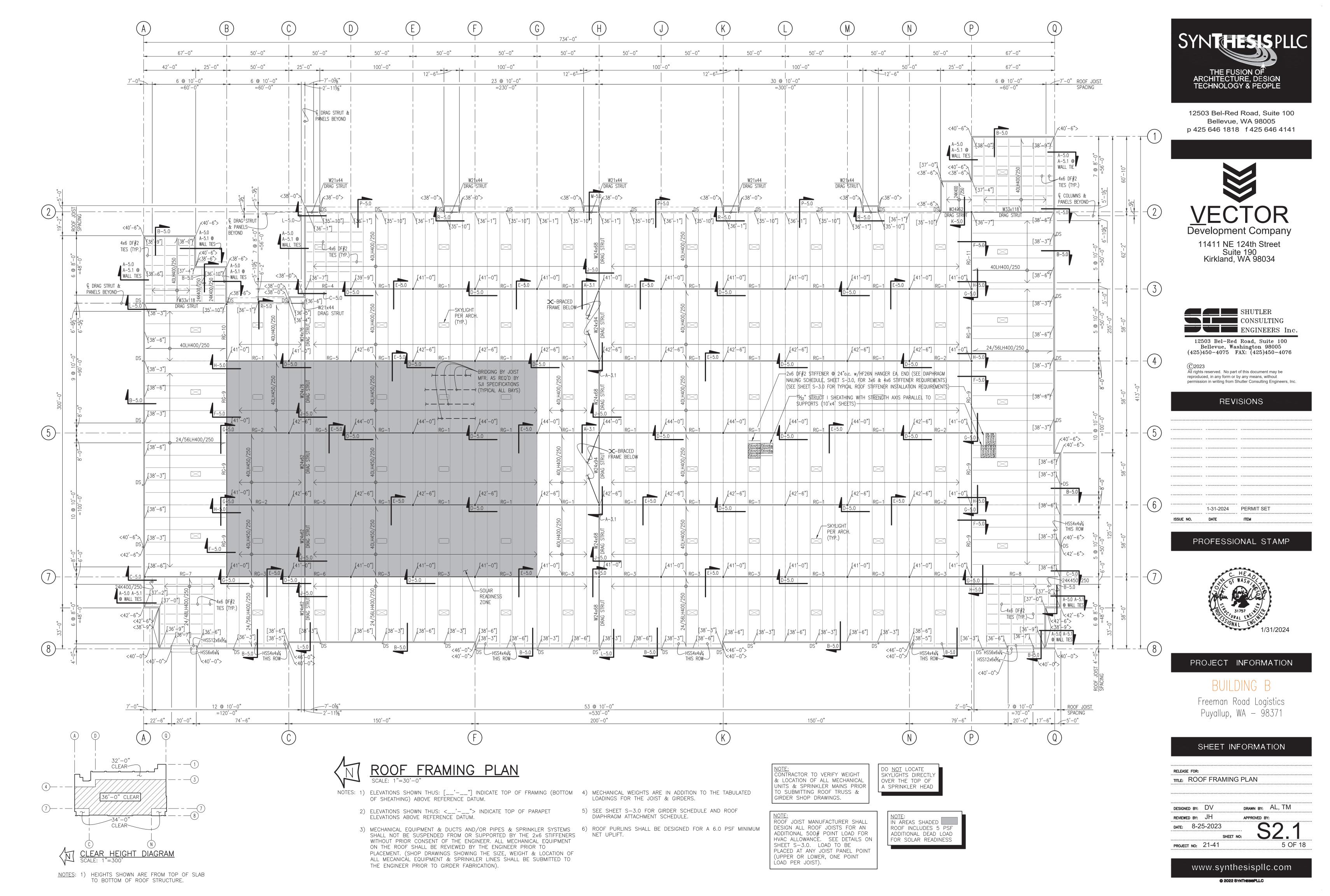




RELEASE FOR: TITLE: FOUNDATION PLAN DRAWN BY: AL, TM DESIGNED BY: DV

REVIEWED BY: JH APPROVED BY: DATE: 8-25-2023 SHEET NO:

PROJECT NO: 21-41 4 OF 18



K;\21\21-41 Freeman Logistics - Bldg B\0DWG\SHT-52-1\SHT-S2-Aaron, 1:1

TYP. ROOF STIFFENER HANGER INSTALLATION REQUIREMENTS

• • STEEL JOIST-(2) (1) HANG WITHIN 6" OF ANY UPPER PANEL JOINT. (2) HANG WITHIN 6" OF ANY LOWER PANEL JOINT. (3) TRAPEZE BETWEEN ANY PANEL JOINTS. (4) ADD AN ANGLE E.S. TO STIFFEN THE TOP CHORD. SEE "DIAGONAL" BRACE DETAIL". (5) ADD AN ANGLE E.S. TO STIFFEN THE BOTTOM CHORD. SEE "DIAGONAL" BRACE DETAIL"

UPPER PANEL

POINT (TYP.)-

NOTES:

1) DO <u>NOT</u> CUT OR DRILL THRU AMY JOIST MEMBER.

2) THIS DETAIL IS APPLICABLE TO LOADING FROM MECHANICAL EQUIPMENT, SPRINKLER PIPES, ETC.

POINT (TYP.)

-SEE "DIAGONAL

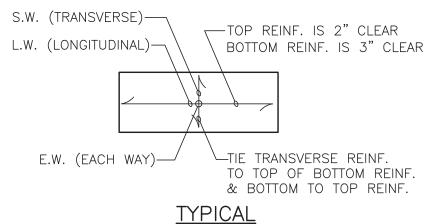
BRACE DETAIL'

3) ROOF JOISTS ARE DESIGNED TO SUPPORT AN EQUIVALENT UNIFORM COLLATERAL DEAD LOAD OF 6 POUNDS PER SQUARE FOOT (OF ROOF AREA) FOR THE SUPPORT OF SUSPENDED CEILINGS, DUCTS, SPRINKLER LINES, ETC. (15 PSF TOTAL DEAD LOAD).

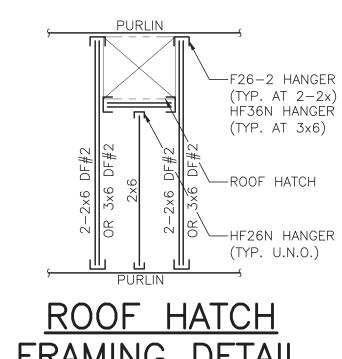
ALLOWABLE METHODS & LOCATIONS FOR HANGING LOADS OPEN WEB STEEL

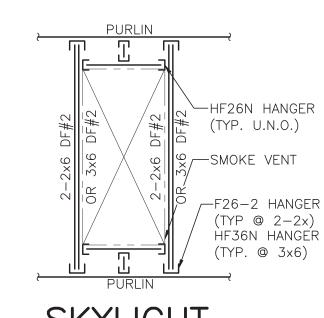
FOOTING SCHEDULE MARK SIZE REINFORCEMENT F6.0 6'-0"x6'-0"x1'-1" 5-#6 E.W., BOTTOM F6.5 6'-6"x6'-6"x1'-2" 6-#6 E.W., BOTTOM F7.0 7'-0"x7'-0"x1'-3" 6-#6 E.W., BOTTOM F7.5 7-#6 E.W., BOTTOM 7'-6"x7'-6"x1'-4" F8.0 8-#6 E.W., BOTTOM 8'-0"x8'-0"x1'-5" F8.5 7-#7 E.W., BOTTOM 8'-6"x8'-6"x1'-6" F9.0 9'-0"x9'-0"x1'-7" 7-#7 E.W., BOTTOM F9.5 8-#7 E.W., BOTTOM 9'-6"x9'-6"x1'-8" F10.0 10'-0"x10'-0"x1'-9" 9-#7 E.W., BOTTOM

NOTE: SOME FOOTINGS IN SCHEDULE MAY NOT BE USED.

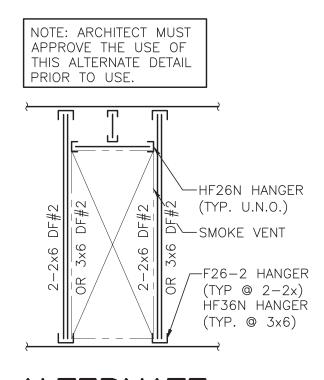


REINFORCEMENT PLACEMENT

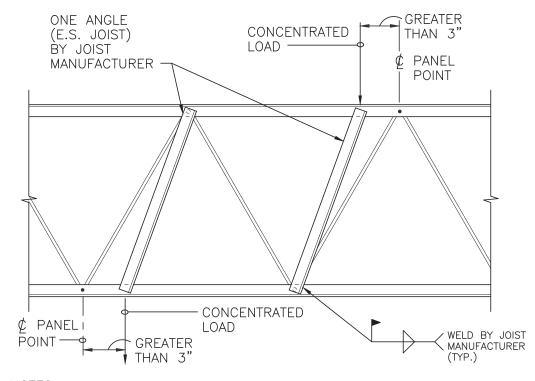




SKYLIGHT FRAMING DETAIL



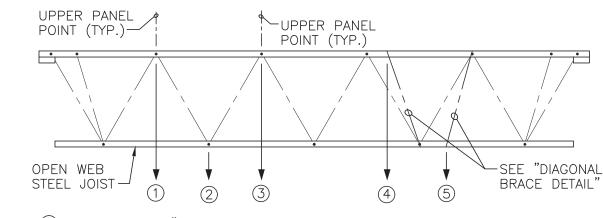
ALTERNATE SKYLIGHT FRAMING DETAIL



NOTES: 1) WHERE CONCENTRATED LOADS ARE SUPPORTED BY JOIST CHORDS & ARE LOCATED MORE THAN 3" FROM A PANEL POINT CENTERLINE, REINFORCE THE JOIST WITH AN ANGLE BY JOIST MANUFACTURER (E.S. JOIST), EXTENDING FROM THE POINT LOAD TO THE NEAREST PANEL POINT ON THE OPPOSITE CHORD.

2) REMOVE LOAD FROM JOIST PRIOR TO WELDING ANGLE.

DIAGONAL BRACE DETAIL



- (1) HANG WITHIN 3" OF ANY UPPER PANEL POINT.
- (2) HANG WITHIN 3" OF ANY LOWER PANEL POINT.
- (3) TRAPEZE BETWEEN ANY PANEL POINTS.
- (4) ADD AN ANGLE E.S. TO STIFFEN THE TOP CHORD. SEE "DIAGONAL BRACE DETAIL"
- ⑤ ADD AN ANGLE E.S. TO STIFFEN THE BOTTOM CHORD. SEE "DIAGONAL BRACE DETAIL"
- 1) DO <u>NOT</u> CUT OR DRILL THRU ANY JOIST MEMBER.
- 2) THIS DETAIL IS APPLICABLE TO LOADING FROM MECHANICAL EQUIPMENT, SPRINKLER PIPES, ETC.
- 3) ROOF JOISTS ARE DESIGNED TO SUPPORT AN EQUIVALENT UNIFORM COLLATERAL DEAD LOAD OF 3.7 POUNDS PER SQUARE FOOT (OF ROOF AREA) FOR THE SUPPORT OF SUSPENDED CEILINGS, DUCTS, SPRINKLER

LINES, ETC. (20 PSF TOTAL DEAD LOAD) OCATIONS FOR HANGING LOADS OPEN WEB STEEL



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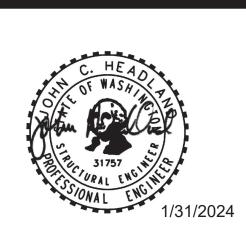
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PROJECT INFORMATION

BUILDING B

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SHEET	LINEORMATIO	JVI

RELEASE FOR: TITLE: SCHEDULES & DIAGRAMS DESIGNED BY: DV DRAWN BY: AL, TM

REVIEWED BY: JH APPROVED BY: DATE: 8-25-2023 SHEET NO: PROJECT NO: 21-41 6 OF 18

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ROOF DIAPHRAGM STIFFENER AT CONTINUOUS 'OTHER' PLYWOOD JOINT EDGE EDGE 2x6 6"o.c. 6"o.c. 2x6 4"o.c. 4"o.c. 2x6 3"o.c. 3"o.c.

∠DRAG STRUT

STRUT-

DRAG

STRUT-

ROOF DIAPHRAGM

FASTENING DIAGRAM

NAILING DIAGRAM ALLOWABLE MARK SHEATHING SHEAR 15/32" 320#/FT 15⁄₃₂" 425#/FT 15⁄₃₂" 568#/FT 3x6 640#/FT 3"o.c. 3"o.c.

MARK $\langle \overline{IV} \rangle$ AND $\langle \overline{V} \rangle$.

1) ALL NAILS TO BE 10d COMMON (0.148"øx2" MINIMUM LENGTH). 2) SPACE NAILS @ 12"o.c. AT ALL INTERMEDIATE FRAMING MEMBERS.

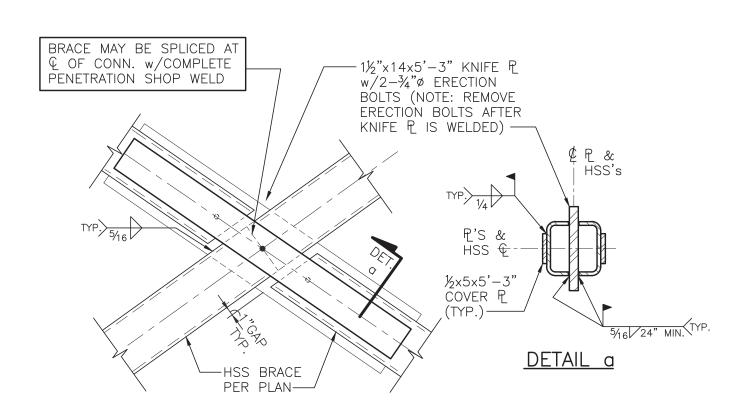
3) PROVIDE 2-ROWS 10d @ 4"o.c., STAGGERED AT ALL DIAPHRAGM BOUNDARIES. 4) PROVIDE 2-ROWS 10d COMMON @ 4"o.c. STAGGERED EACH SIDE OF JOINT AT DRAG

5) PROVIDE 4x8 STIFFENER w/BA48 HANGER EACH END AT ALL SEISMIC STRAPS (SEE SECTION A-5.1)

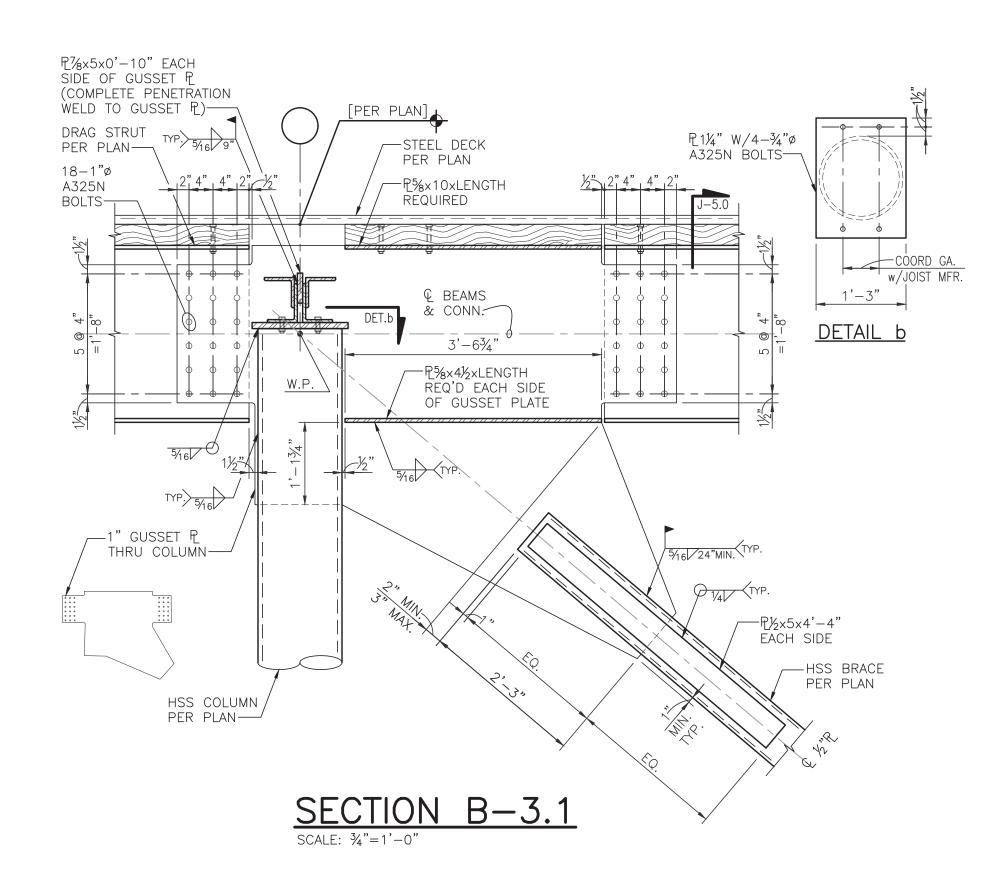
6) IF NAILS LONGER THAN 2" IN LENGTH ARE USED, THEN 3x6 STIFFENERS (WITH HF36N HANGERS EACH END) ARE REQUIRED AT PANEL EDGES IN MARK $\langle \overline{\mathrm{III}} \rangle$. 7) PROVIDE 3x6 STIFFENERS WITH HF36N HANGERS EACH END AT ALL PANEL EDGES IN

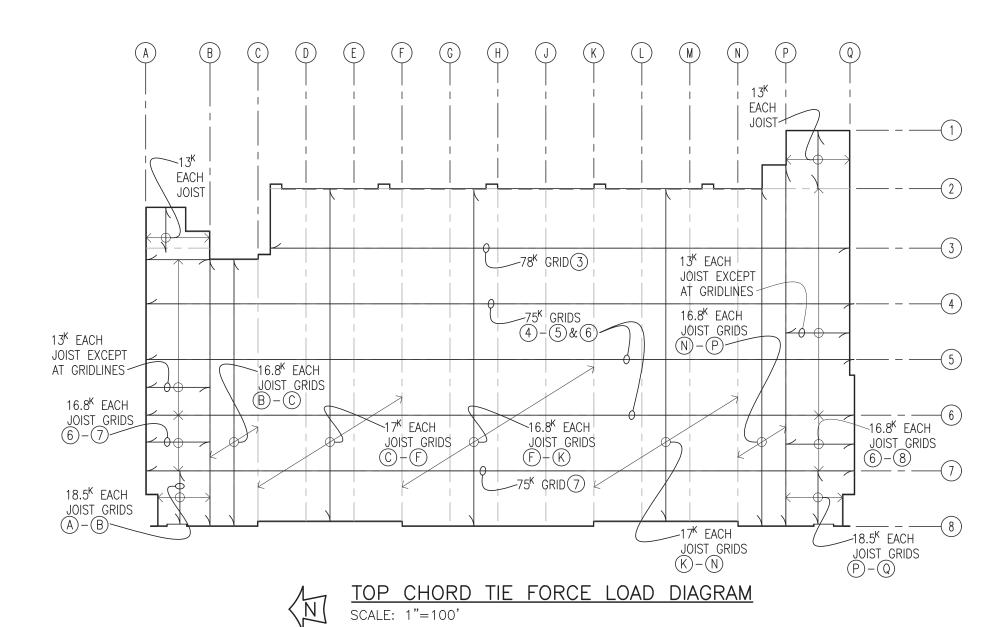
8) PROVIDE 1/8" TO 1/4" GAP AT ALL SHEATHING EDGES.

9) SEE HIGH SHEAR ROOF DIAPHRAGM NOTES FOR ADDITIONAL NAILING REQUIREMENTS.



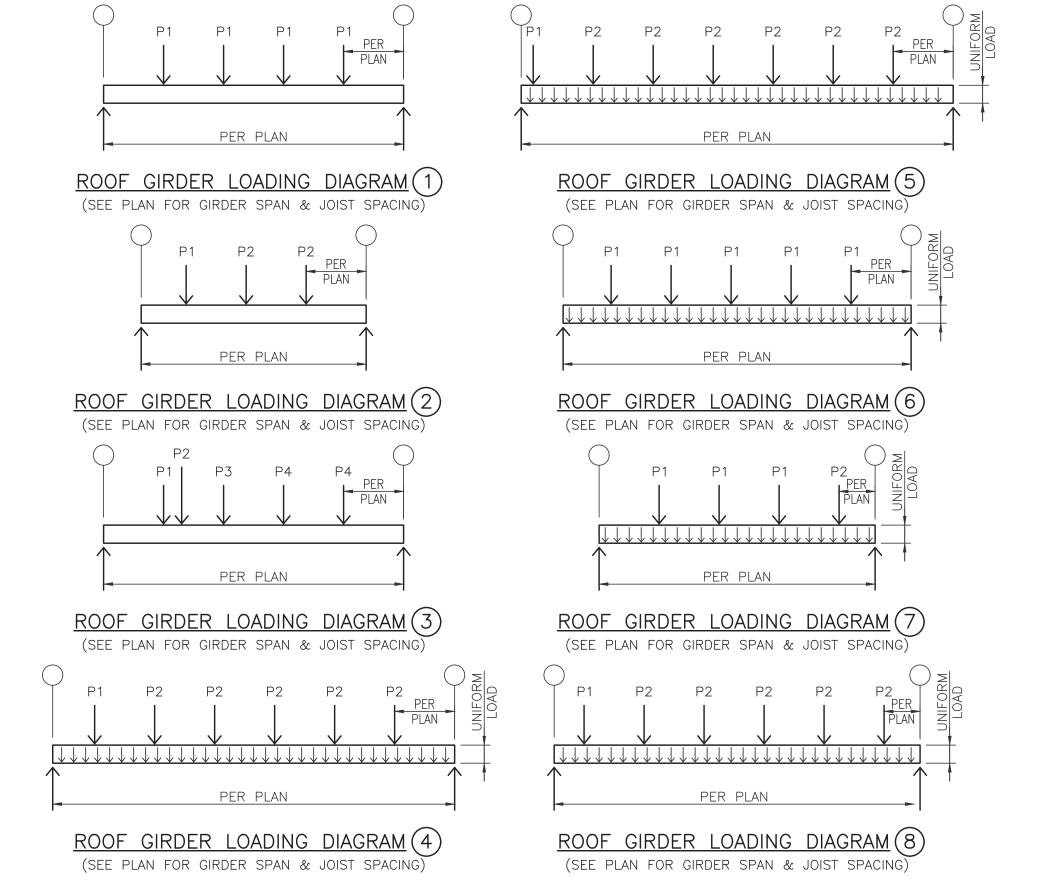
SECTION A-3.1





TIE FORCE LOAD DIAGRAM NOTES:

- 1) LOAD SHOWN IS FOR EACH JOIST IN DESIGNATED AREA, FULL WIDTH OF BUILDING.
- 2) DESIGN TOP CHORD & SEAT OF ROOF PURLIN BAR JOIST TO TRANSFER THE SHOWN SEISMIC LOAD.
- 3) THE LOAD SHOWN IS A WORKING STRESS VALUE, BUT DOES INCLUDE THE 1.4 FACTOR PER ASCE SECTION 12.11.2.2.2.



ROOF GIRDER SCHEDULE NOTES: 1) LIVE LOAD DEFLECTIONS SHALL BE LIMITED TO SPAN/360.

TOTAL LOAD DEFLECTIONS SHALL BE LIMITED TO SPAN/240.

2) MECHANICAL EQUIPMENT LOADS, ROOF TOP UNIT LOADS & SPRINKLER MAIN LOADS ARE IN ADDITION TO LOADS SHOWN.

3) DEPTH OF JOIST GIRDER BEARING TO BE 71/2".

4) TOTAL LOADS SHOWN INCLUDE AN 100 PLF ALLOWANCE FOR THE GIRDER WEIGHT. ADJUST THE TOTAL IF REQUIRED.

5) ROOF GIRDERS INDICATED BY xx/yy DEPTH SHALL BE TAPERED FROM xx" DEPTH AT THE LOWER ROOF ELEVATION TO yy" DEPTH AT THE HIGHER ROOF ELEVATION

6) ALL GIRDERS WITH A STRAIGHT TAPER END-TO-END TO MAINTAIN CLEAR HEIGHTS MAY, AT THE SUBCONTRACTOR'S OPTION, BE DESIGNED & FABRICATED AT A UNIFORM DEPTH EQUAL TO THE TABULATED SHALLOW END DEPTH.

7) SEE SHEET S3.1 FOR GIRDER TOP CHORD AXIAL LOADS.

				ROOF	GIRE	DER D	ESIGN	V CRI	TERIA					
MARK	DEPTH	NOMENCLATURE	LOAD DIAGRAM	LOAI	D P1	LOA) P2	LOA) P3	LOA) P4	UNIFOR	M LOAD	NET
MARK	DEPIH	NOMENCLATURE	NO.	T.L.	L.L.	T.L.	L.L.	T.L.	L.L.	T.L.	L.L.	T.L.	L.L.	UPLIFT
RG-1	60"	60G5N24.8 ^K	1	24.8 ^K	15.0 ^K									6 PSF
RG-2	54"/60"	54/60G5N26.9 ^K	1	26.9 ^K	14.5 ^K									6 PSF
RG-3	54"	54G5N24.0 ^K	1	24.0 ^K	14.5 ^K									6 PSF
RG-4	40"	40G4N27.8 ^K	2	24.4 ^K	13.1 ^K	27.8 ^K	15 ^K							6 PSF
RG-5	60"	60G6N SPECIAL	3	16.8 ^K	9.1 ^K	13.5 ^K	7.3 ^K	23.5 ^K	12.7 ^K	26.9 ^K	14.5 ^K			6 PSF
RG-6	54"	54G6N SPECIAL	3	16.8 ^K	9.1 ^K	13.5 ^K	7.3 ^K	23.5 ^K	12.7 ^K	26.9 ^K	14.5 ^K			6 PSF
RG-7	60"	60G7N SPECIAL	4	4.8 ^K	2.7 ^K	13.1 ^K	7.3 ^K					0.26 ^{K/} FT	0.1 ^{K/} FT	6 PSF
RG-8	60"	60G8N SPECIAL	5	7.0 ^K	4.4 ^K	11.6 ^K	7.3 ^K					0.28 ^{K/} FT	0.125 ^{K/} FT	6 PSF
RG-9	54"	54G6N SPECIAL	6	14.4 ^K	9.0 ^K	13.0 ^K	8.1 ^K					0.28 ^{K/} FT	0.125 ^{K/} FT	6 PSF
RG-10	48"	48G5N SPECIAL	7	15.1 ^K	8.4 ^K	12.7 ^K	7.1 ^K					0.305 ^{K/} FT	0.125 ^{K/} FT	6 PSF
RG-11	60"	60G7N SPECIAL	8	10.1 ^K	6.3 ^K	13.4 ^K	8.4 ^K	11.3 ^K	7.1 ^K			0.28 ^{K/} FT	0.125 ^{K/} FT	6 PSF
RG-12	32"	32G3N SPECIAL	9	16.1 ^K	9.9 ^K	19.2 ^K	11.5 ^K					0.28 ^{K/} FT	0.125 ^{K/} FT	6 PSF



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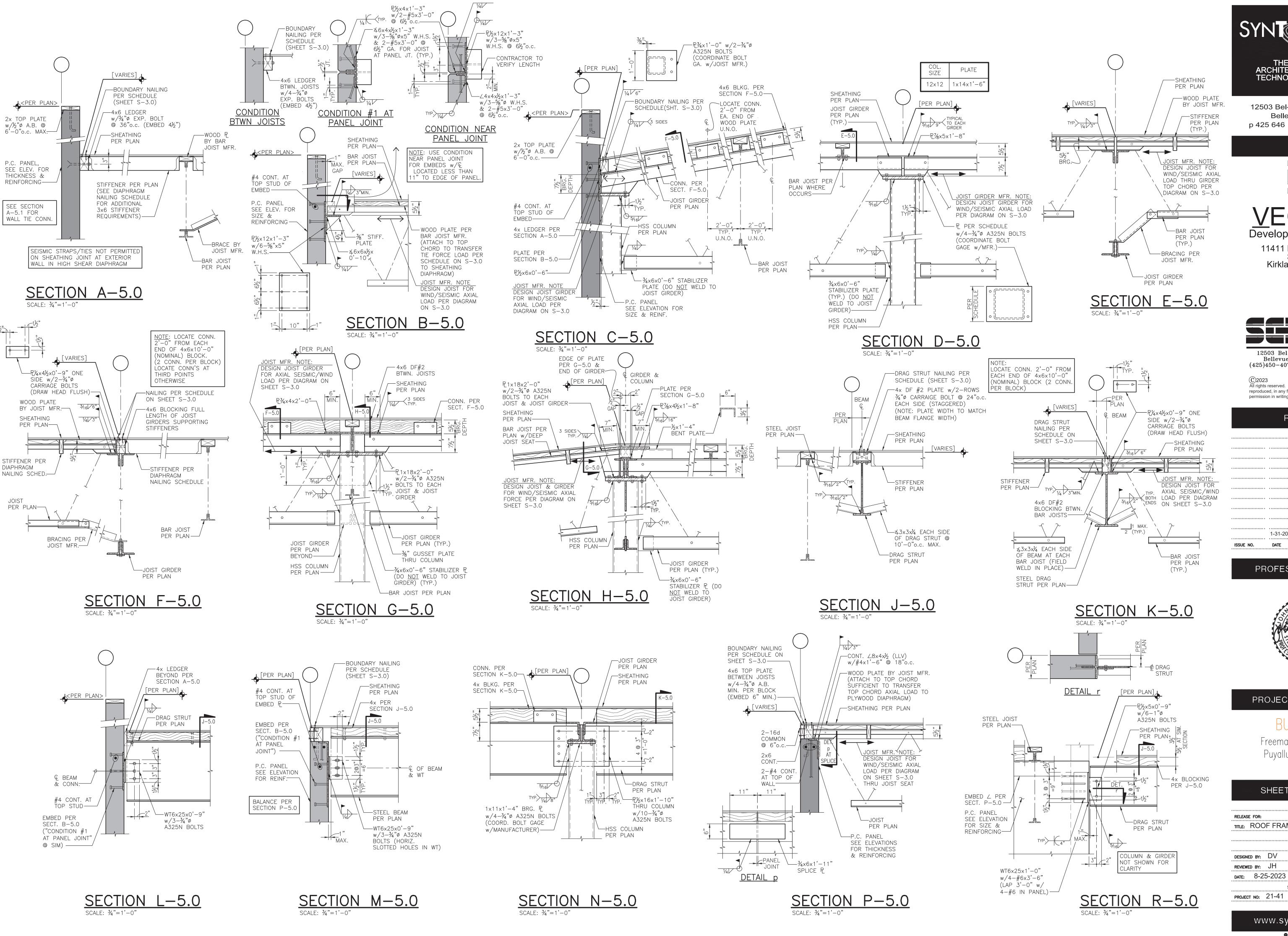
SHEET INFORMATION

RELEASE FOR: TITLE: SCHEDULES & DIAGRAMS DRAWN BY: AL, TM DESIGNED BY: DV

REVIEWED BY: JH APPROVED BY: DATE: 8-25-2023 SHEET NO:

PROJECT NO: 21-41

7 OF 18



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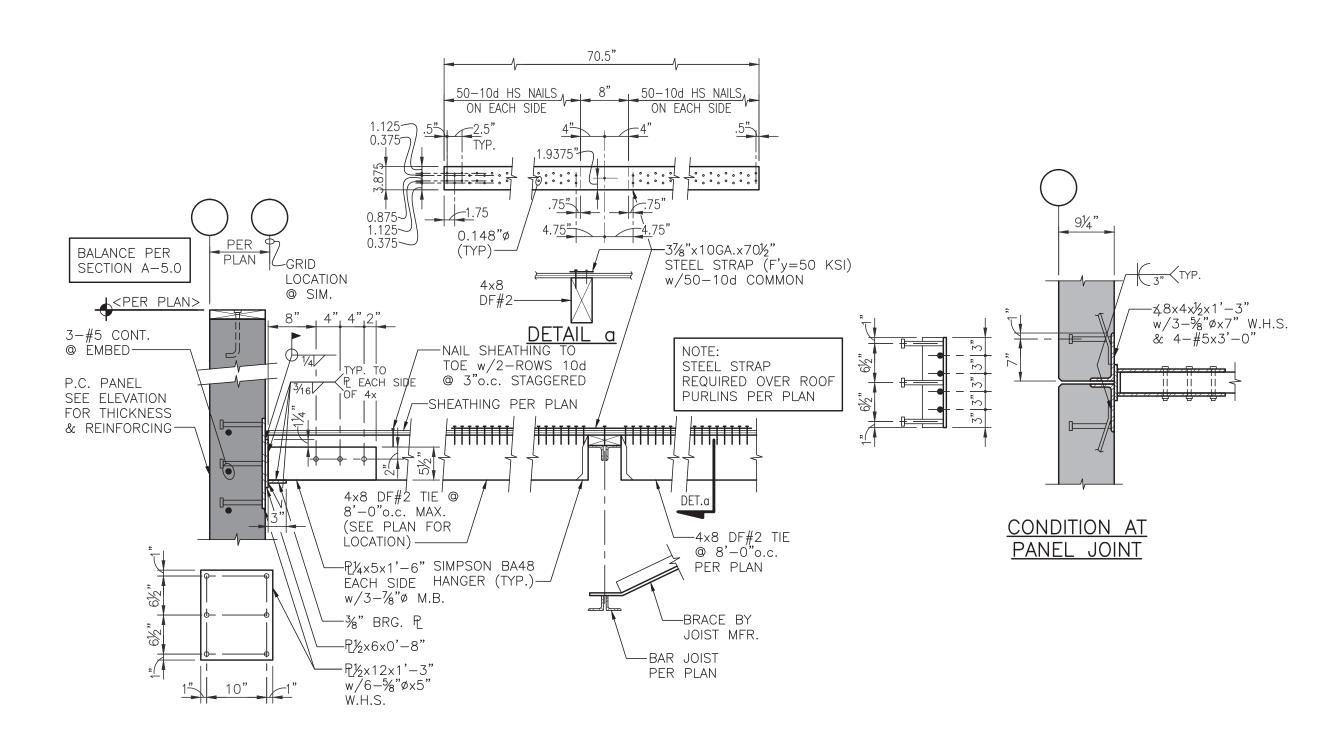
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SHEET INFORMATION

TITLE: ROOF FRAMING SECTIONS

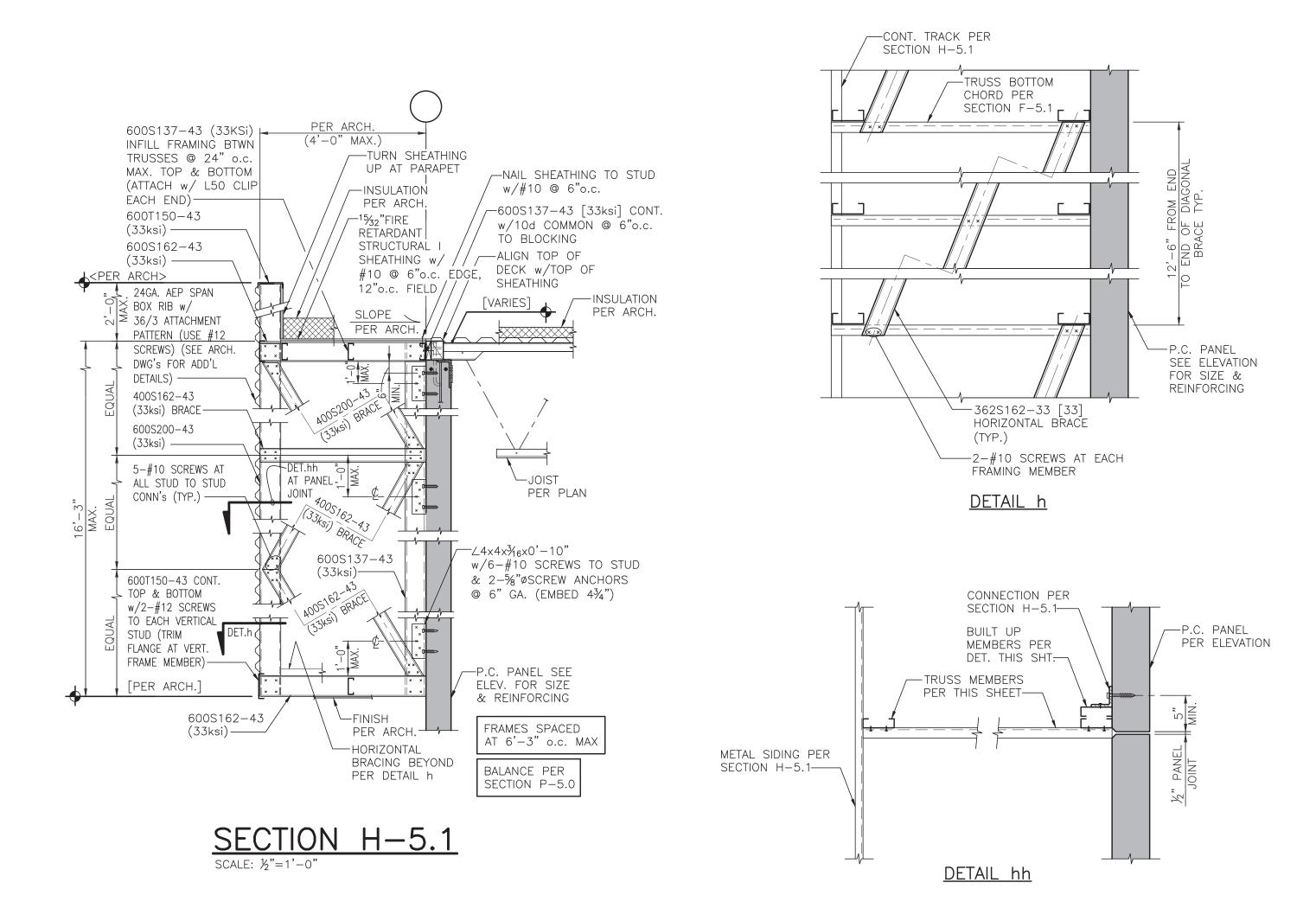
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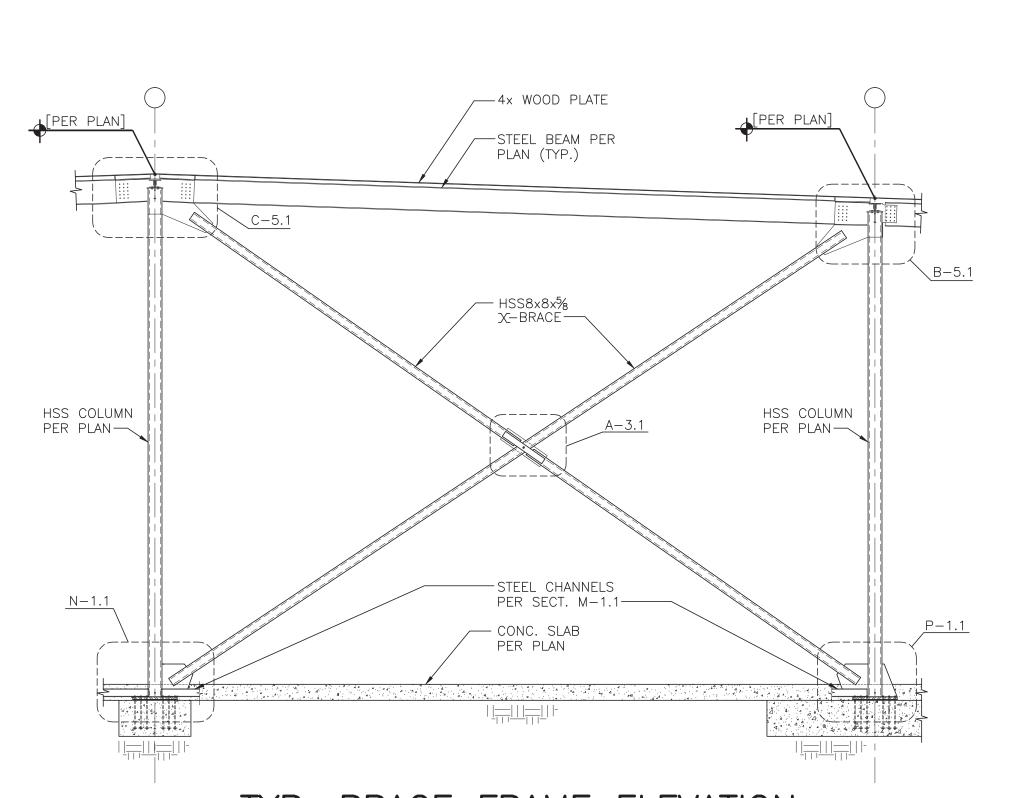
7 OF 18



SECTION A-5.1

SCALE: 3/4"=1'-0"





TYP. BRACE FRAME ELEVATION

SCALE: 1/8"=1'-0"



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TITLE: ROOF FRAMING SECTIONS

DESIGNED BY: DV DRAWN BY: AL, TM

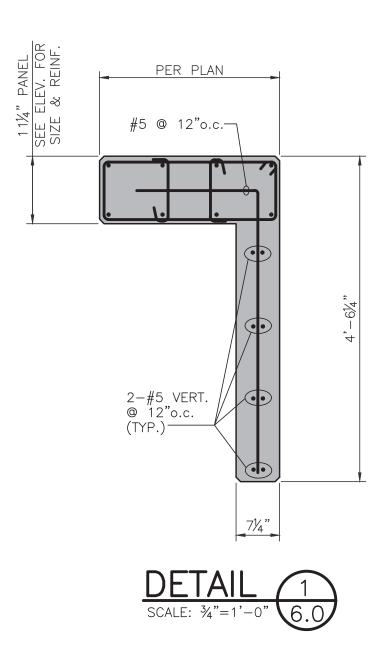
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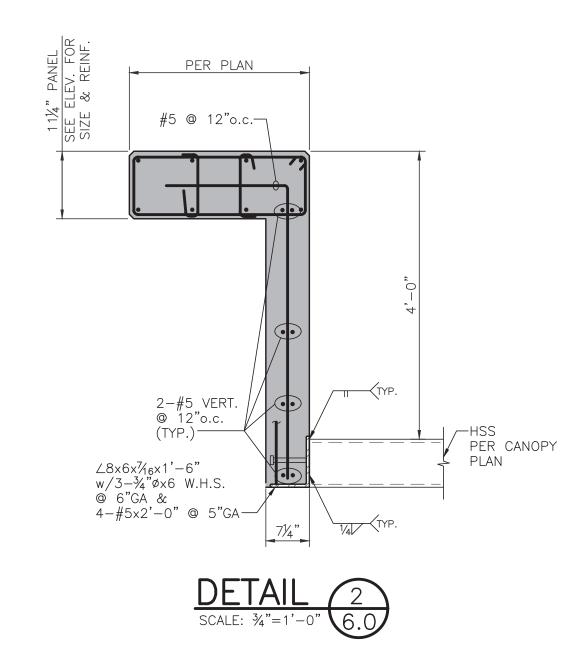
DATE: 8-25-2023

SHEET NO: 30 PROJECT NO: 21-41 8 OF 18

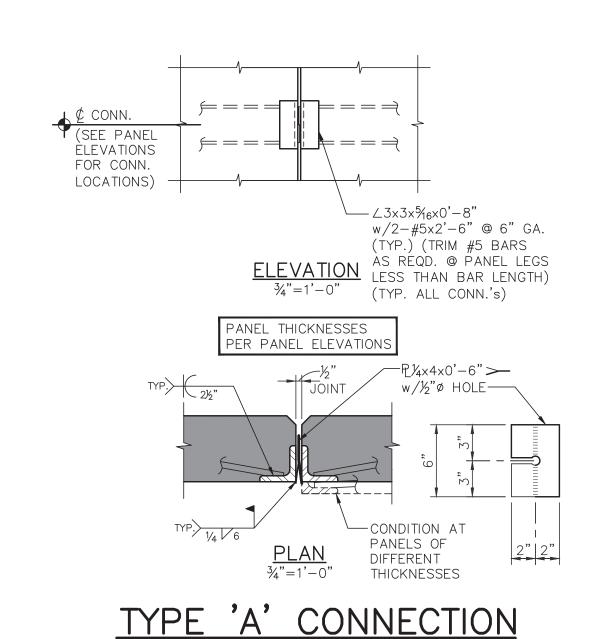
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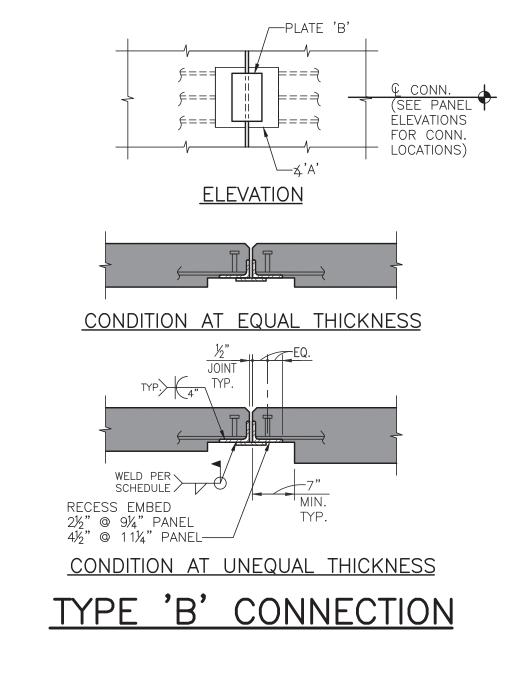
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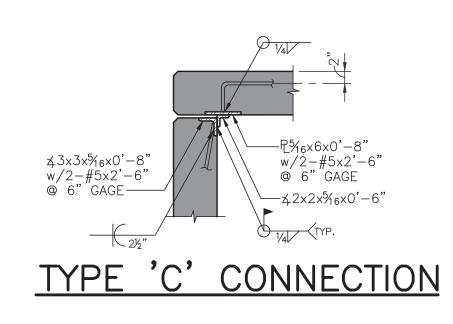


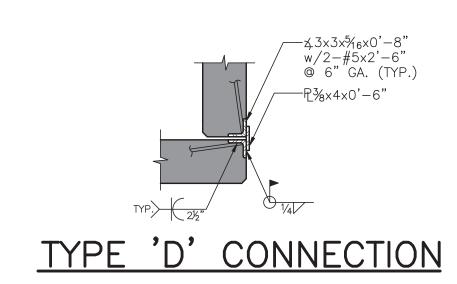


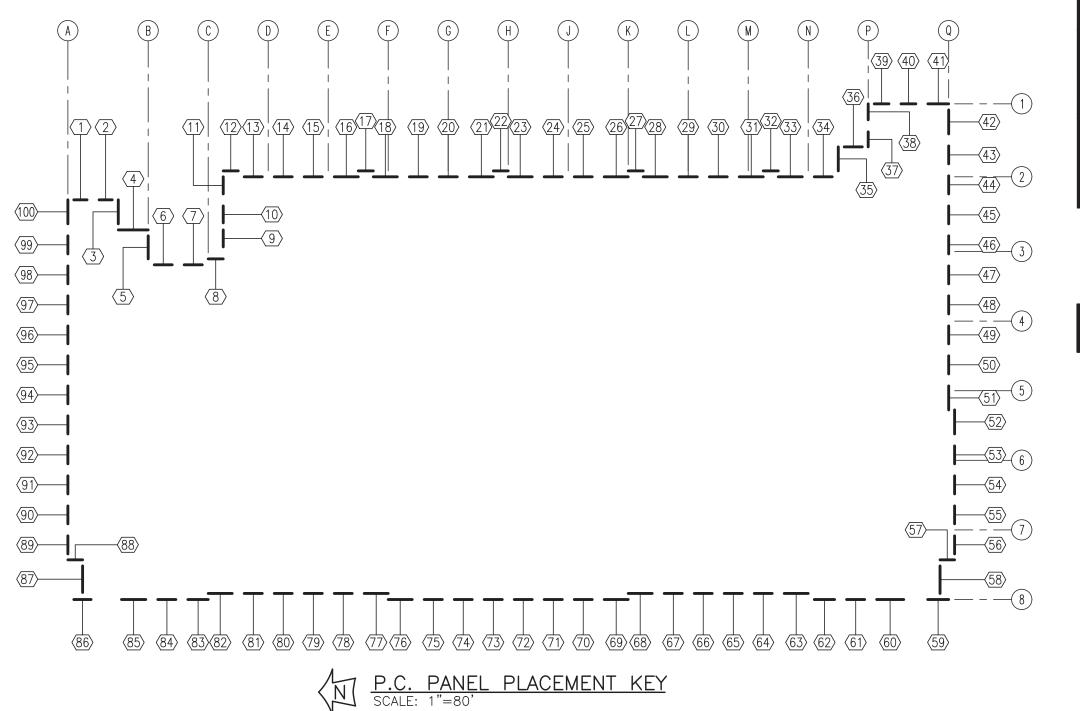
MARK	ANGLE 'A'	PLATE 'B'	WELD
B1	∠5x3x⅓ ₆ x1'-0" w/3- #5x3'-0" @ 4" GA. & 2-%"øx4" W.H.S. @ 4" GA.	₽% ₆ ×5×0'−8"	5/16
B2	∠5×3×¾×2'−8" w/6− #7×4'−2" ◎ 4" GA. & 3−5%"ø×4" W.H.S. ◎ 10" GA.	₽¾×5×2'−4"	5/16
В3	∠5×3×¾×3'−2" w/8− #8×5'−0" @ 5" GA. & 3−5%"ø×4" W.H.S. @ 12" GA.	R½×5×2'−10"	7/16







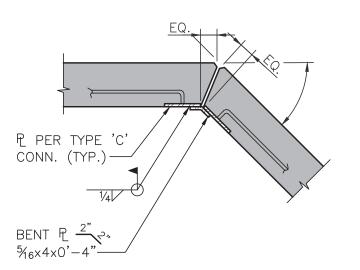




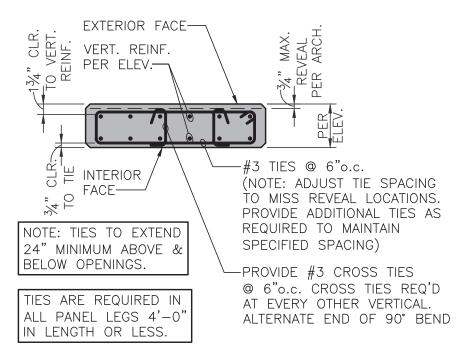
PRECAST PANEL REINFORCING NOTES:

- 1) THICKNESS INDICATED IS MINIMUM THICKNESS ALLOWED $w/\frac{3}{4}$ " DEEP REVEAL IN PANELS INDICATED ONLY. DEEPER REVEALS, EXPOSED AGGREGATE AND R RAKED ARCHITECTURAL FINISHES ARE NOT ALLOWED WITHOUT PRIOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER.
- 2) PROVIDE 1-#7 OR 2-#5 MINIMUM HORIZONTAL AT TOP & BOTTOM OF ALL OPENINGS (EXTEND 2'-0" BEYOND OPENINGS) UNLESS NOTED OTHERWISE.
- 3) PROVIDE #4x2'-6" DIAGONALS AT CORNERS OF ALL OPENINGS. #4x2'-6" DIAGONALS EACH FACE AT CORNERS OF ALL OPENINGS IN PANELS OVER 71/4" THICK.
- 4) PANEL ELEVATIONS ARE VIEWED FROM INSIDE LOOKING OUT, UNLESS NOTED OTHERWISE.
- 5) SEE PANEL ELEVATIONS FOR PANEL THICKNESS.
- 6) CONTRACTOR IS TO VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FORMING PANELS.
- 7) SHOP DRILL 1/4" DIAMETER AIR-RELEASE HOLES IN EMBEDMENTS AT 6" CENTERS TO DISPLACE ALL VOIDS.
- 8) REINFORCING IS TO BE PLACED PER "TYPICAL SINGLE MAT REBAR PLACEMENT" DETAIL UNLESS INDICATED AS EACH FACE ("E.F.").

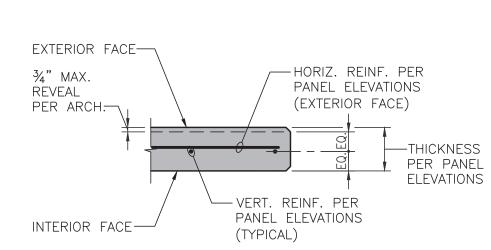
 SEE "TYPICAL DOUBLE MAT REBAR PLACEMENT" DETAIL FOR REBAR
 PLACEMENT INDICATED AS EACH FACE ("E.F.").



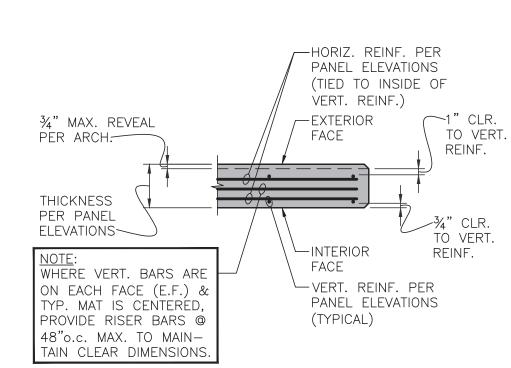
TYPE 'G' CONNECTION



TYP. REBAR PLACEMENT AT PANEL LEG WITH TIES & REVEALS



SINGLE MAT REBAR PLACEMENT



DOUBLE MAT **TYPICAL** REBAR PLACEMENT



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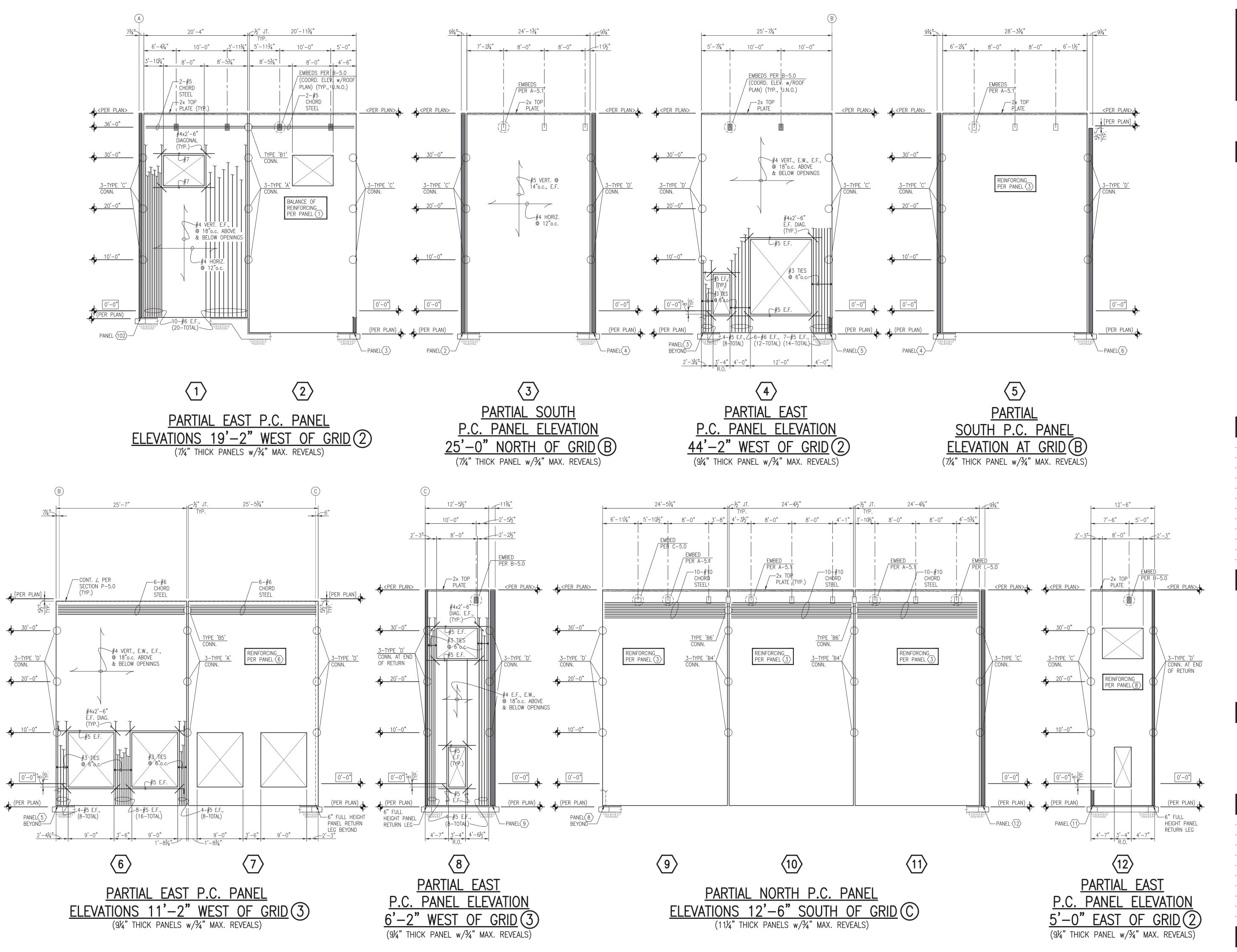
PROJECT INFORMATION

BUILDING B

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SHEET INFORMATION

RELEASE FOR: TITLE: PANEL CONN'S, PANEL DETAILS, & PANEL KEY DRAWN BY: AL, TM DESIGNED BY: DV REVIEWED BY: JH APPROVED BY: DATE: 8-25-2023 SHEET NO: PROJECT NO: 21-41 10 OF 18







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SHEET INFORMATION

RELEASE FOR:
TITLE: PANEL ELEVATIONS

DESIGNED BY: DV
REVIEWED BY: JH
DATE: 8-25-2023

DRAWN BY: AL, TM

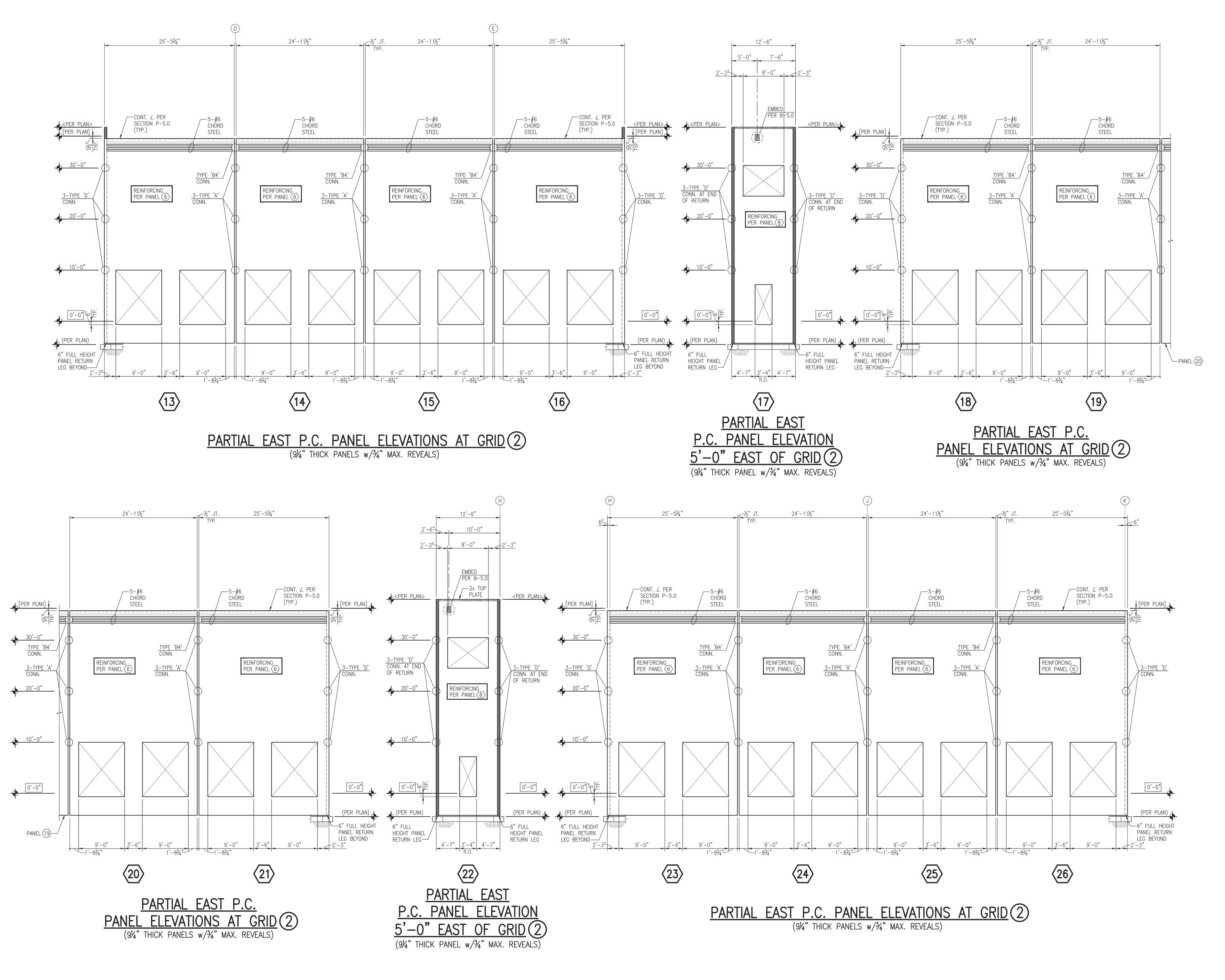
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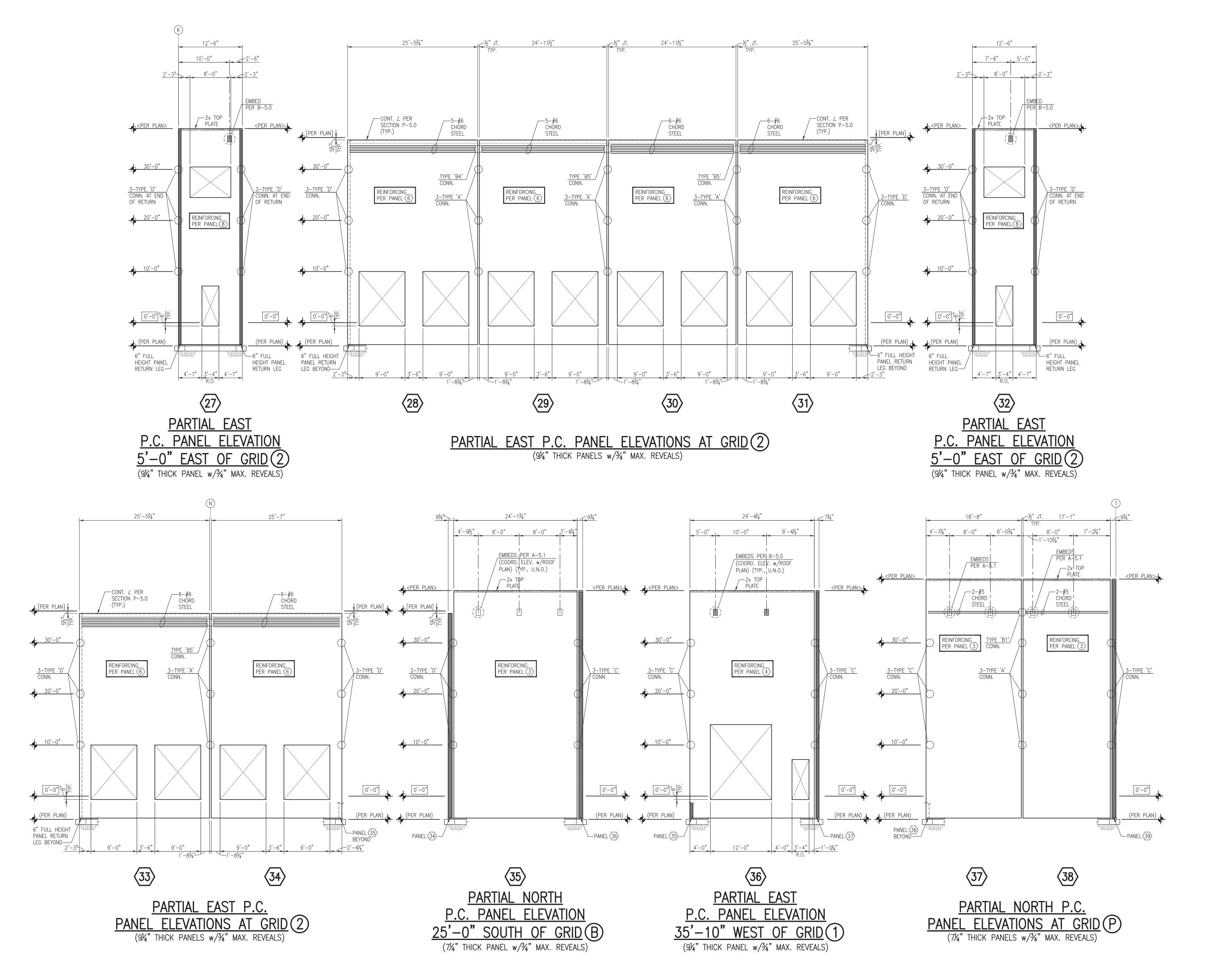
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RELEASE FOR:
TITLE: PANEL ELEVATIONS

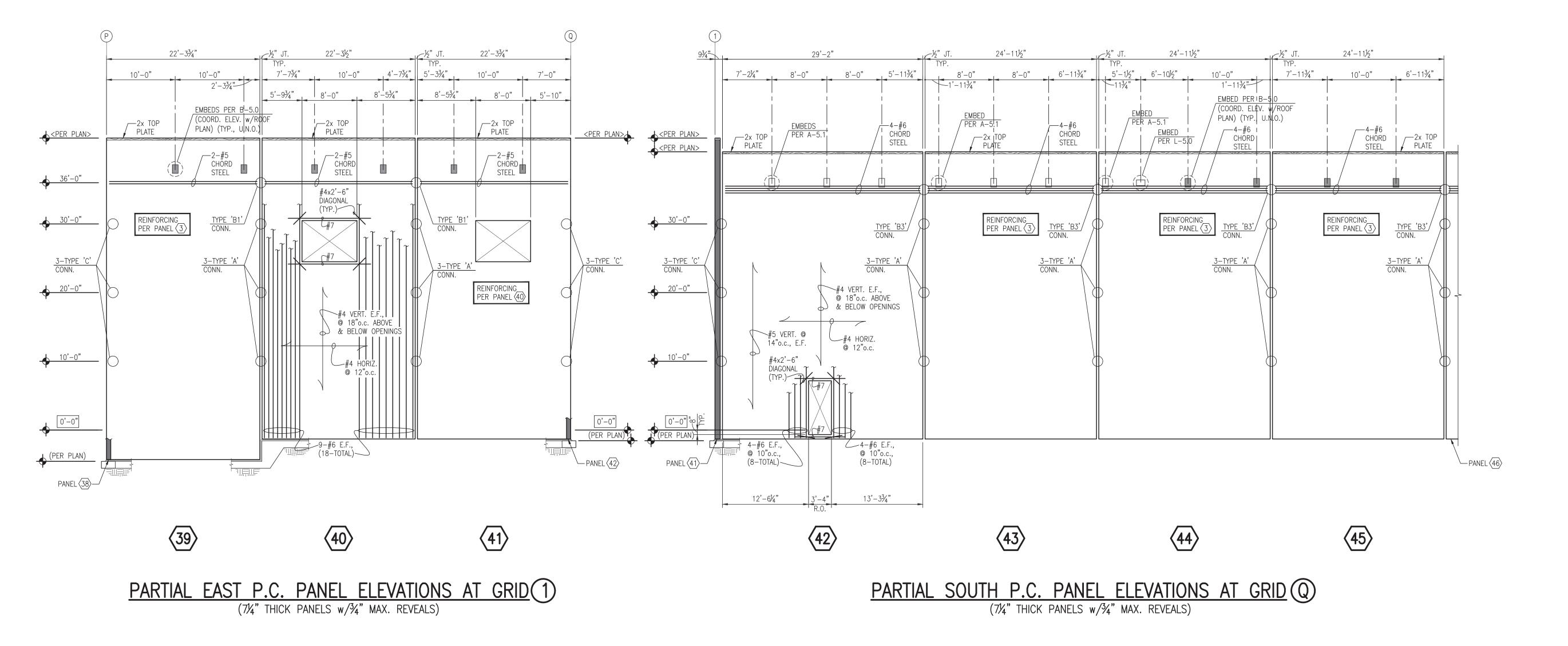
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DATE: 8-25-2023

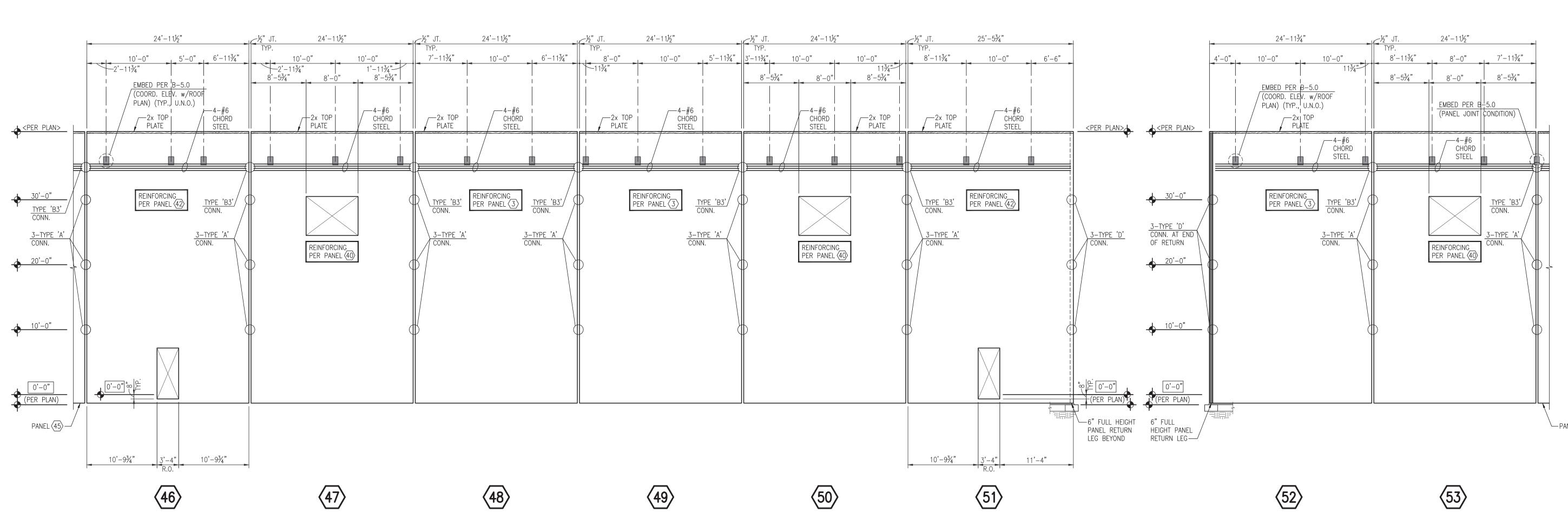
DRAWN BY: AL, TM

APPROVED BY:

O: S6

. РРОЈЕСТ NO: 21-41

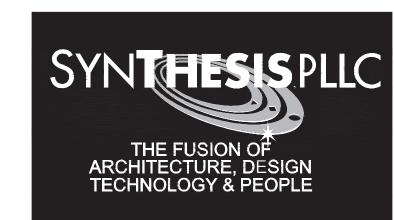




PARTIAL SOUTH P.C. PANEL ELEVATIONS AT GRID Q (71/4" THICK PANELS w/3/4" MAX. REVEALS)

PARTIAL SOUTH P.C. PANEL ELEVATIONS 5'-0" SOUTH OF GRID Q

(7¼" THICK PANELS w/¾" MAX. REVEALS)



12503 Bel-Red Road, Suite 100 Bellevue, WA 98005 p 425 646 1818 f 425 646 4141



11411 NE 124th Street Suite 190 Kirkland, WA 98034



12503 Bel-Red Road, Suite 100 Bellevue, Washington 98005 (425)450-4075 FAX: (425)450-4076

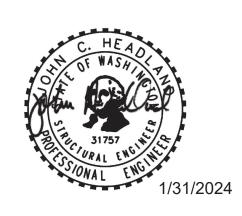
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REVISIONS

1-31-2024 PERMIT SET

PROFESSIONAL STAMP



PROJECT INFORMATION

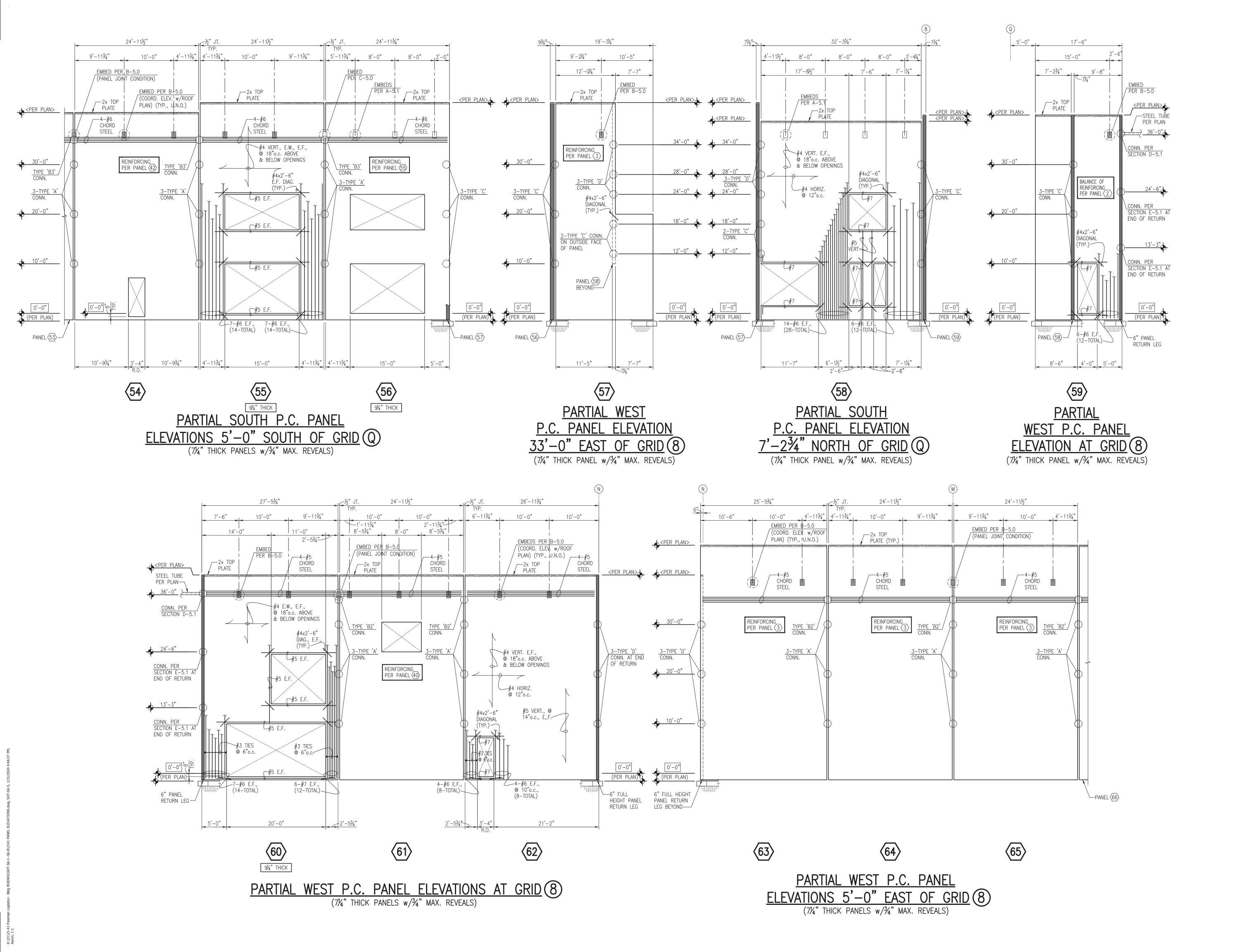
BUILDING B

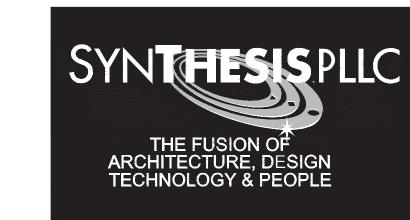
Freeman Road Logistics Puyallup, WA - 98371

SHEET INFORMATION

TITLE: PANEL ELEVATIONS

РРОЈЕСТ NO: 21-41







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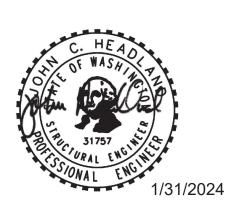
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PROFESSIONAL STAMP



PROJECT INFORMATION

BUILDING B

Freeman Road Logistics Puyallup, WA — 98371

SHEET INFORMATION

RELEASE FOR:
TITLE: PANEL ELEVATIONS

DESIGNED BY: DV
REVIEWED BY: JH
DATE: 8-25-2023

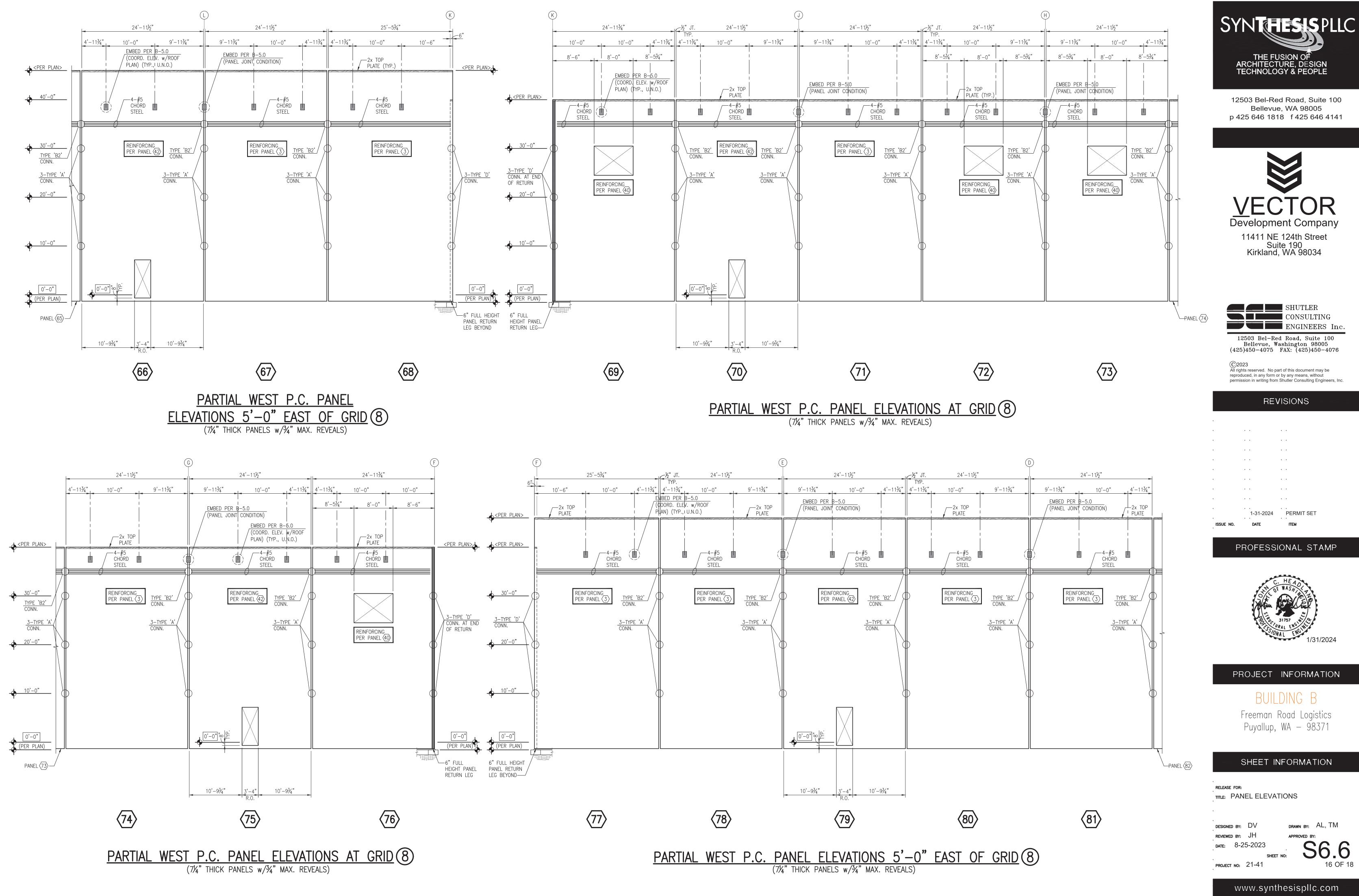
DRAWN BY: AL, TM

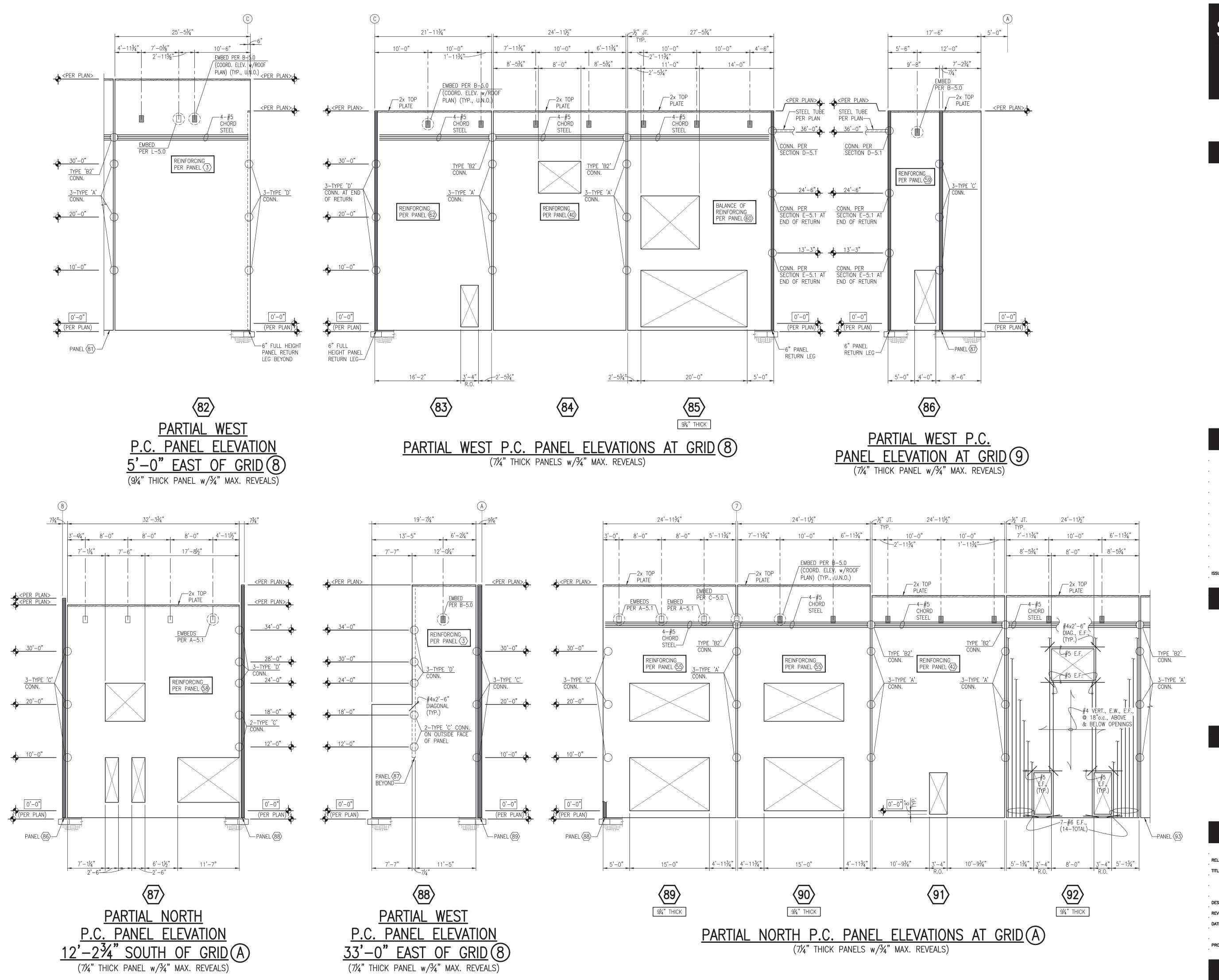
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SYNTHESISPLLC THE FUSION OF ARCHITECTURE, DESIGN TECHNOLOGY & PEOPLE

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BUILDING B

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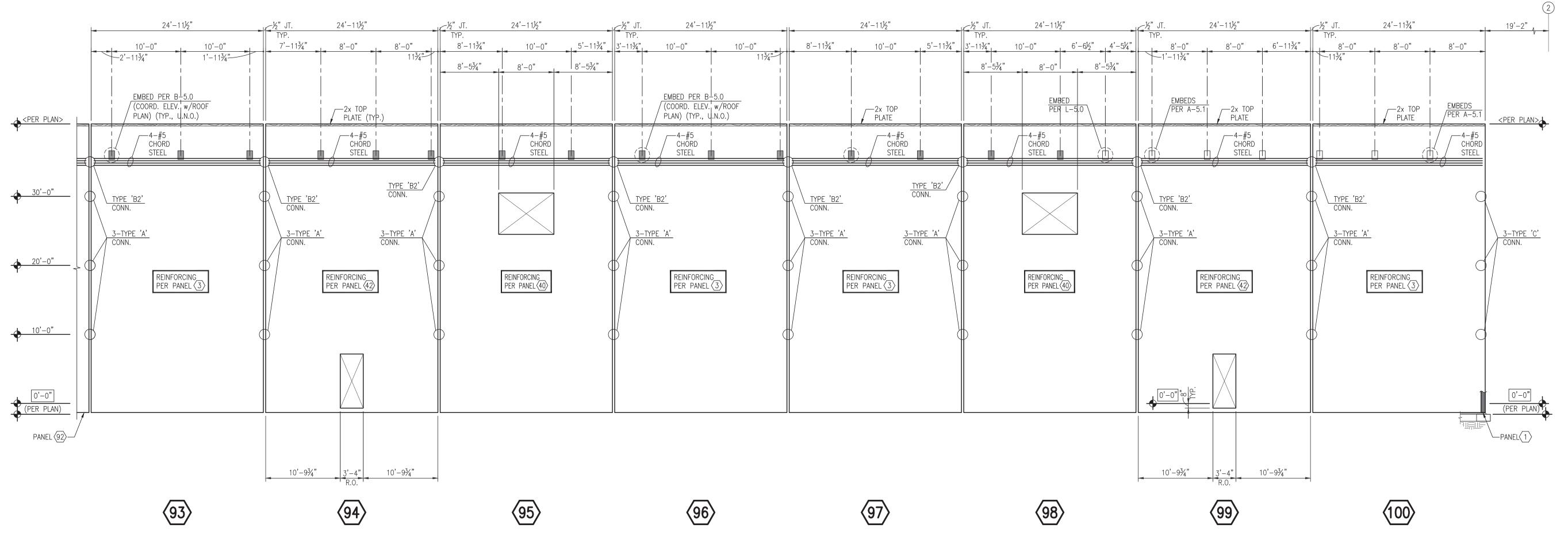
SHEET INFORMATION

TITLE: PANEL ELEVATIONS

DATE: 8-25-2023

DRAWN BY: AL, TM 17 OF 18

PROJECT NO: 21-41



PARTIAL NORTH P.C. PANEL ELEVATIONS AT GRID (A) (71/4" THICK PANELS W/3/4" MAX. REVEALS)



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PROJECT INFORMATION

BUILDING B

Freeman Road Logistics Puyallup, WA — 98371

SHEET INFORMATION

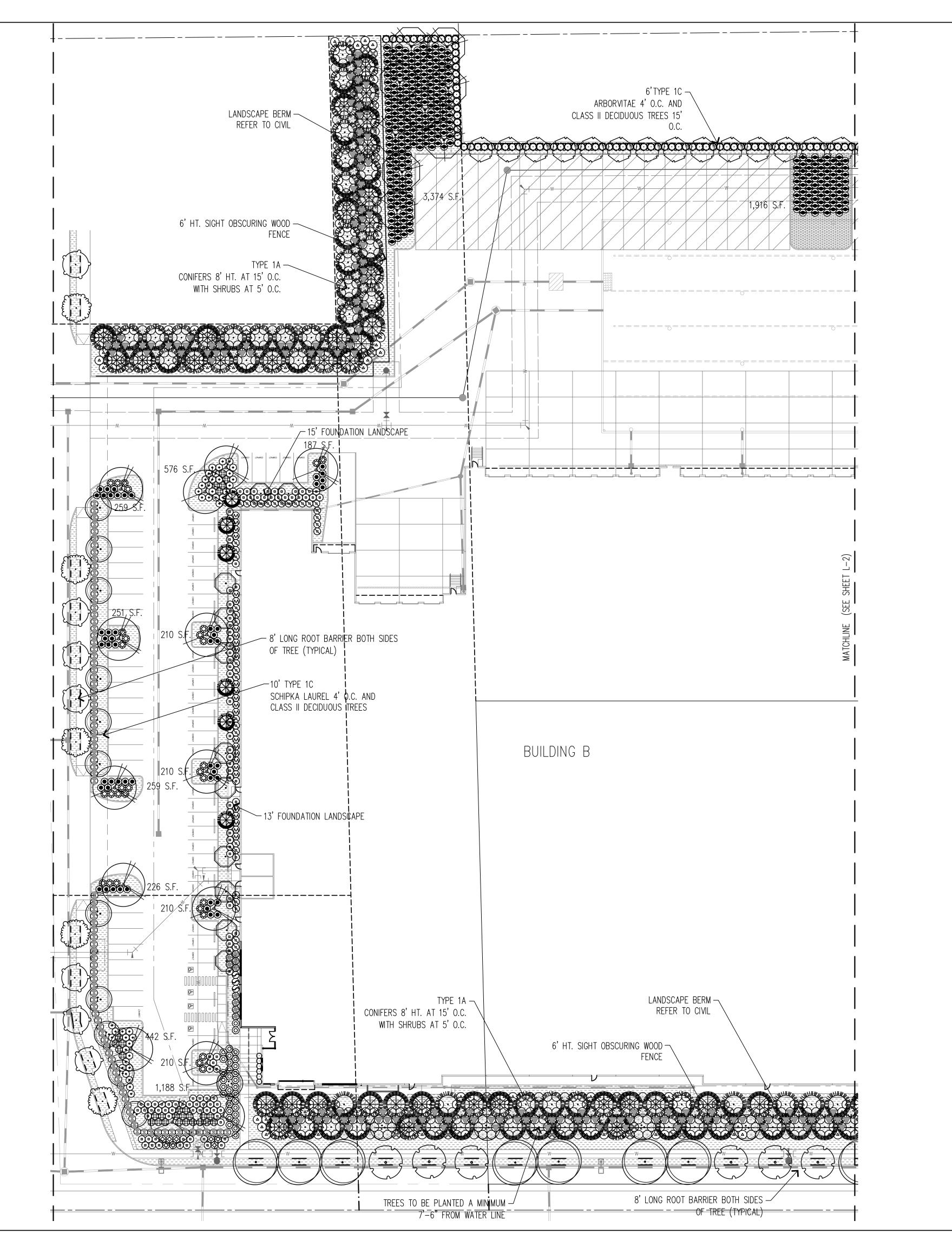
RELEASE FOR:
TITLE: PANEL ELEVATIONS

DESIGNED BY: DV
REVIEWED BY: JH
DATE: 8-25-2023

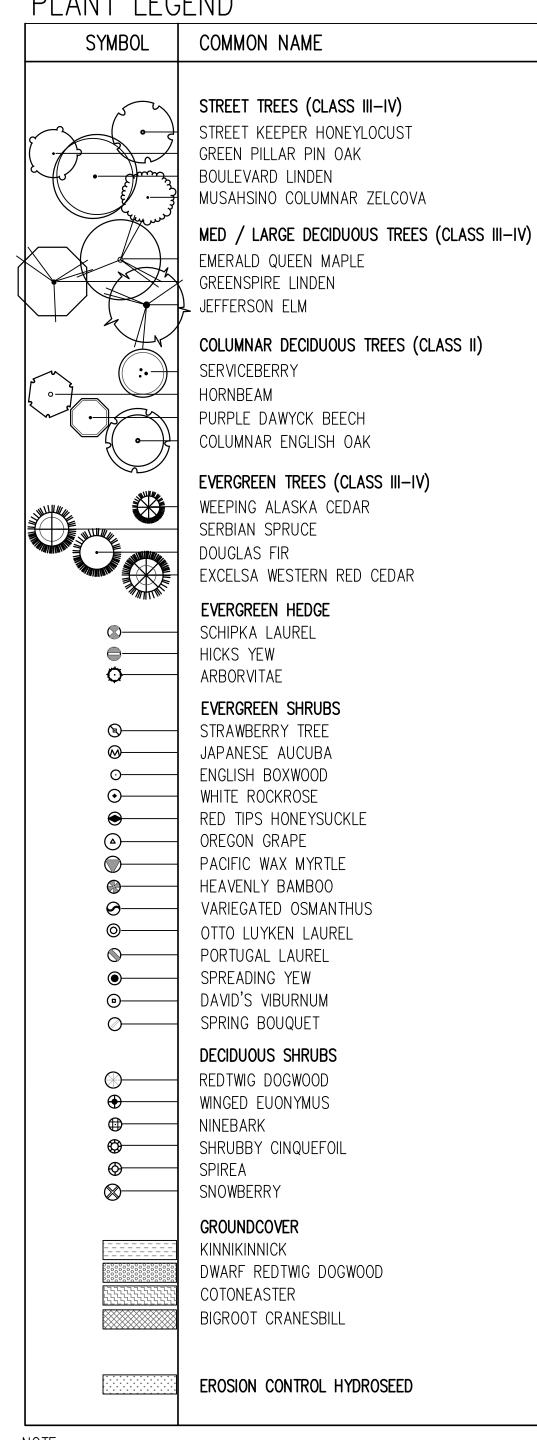
DRAWN BY: AL, TM
APPROVED BY:

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ргојест но: 21-41







REFER TO SHEET L-3 FOR FULL PLANT SCHEDULE WITH SIZES.

LANDSCAPE CALCULATIONS 24" X 48" SILVA CELL

LANDSCAPE CALCULATIONS

TOTAL PAVED AREA:

166,776 S.F. REQUIRED PARKING LOT LANDSCAPE AREA: 16,678 S.F. 10% PROVIDED PARKING LOT LANDSCAPE AREA: 17,132 S.F.

> SCALE: 1" = 30' - 0" SHEET SIZE: 24" x 36" AT 100%

PROJECT: FREEMAN ROAD LOGISTICS **BUILDING B**

LOCATION: FREEMAN ROAD PUYALLUP, WA

CLIENT: **VECTOR** DEVELOPMENT CO. 11335 NE 122ND WAY, SUITE 105 KIRKLAND, WA 98034

11.23.2020 SEPA 19.12.2022 SEPA RESUBMITTAL 11.13.2023 SEPA RESUBMITTAL 01.31.2024 BUILDING PERMIT

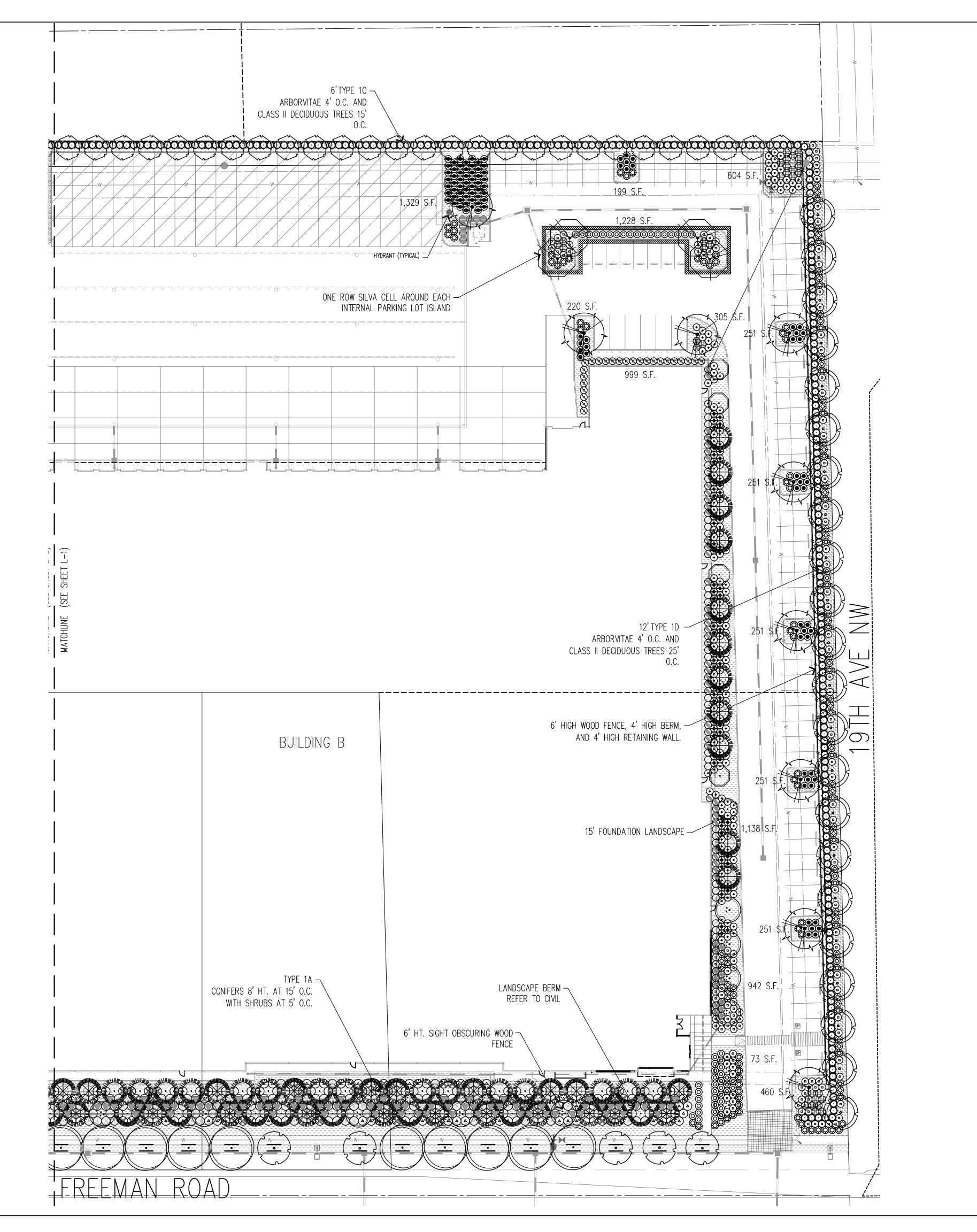
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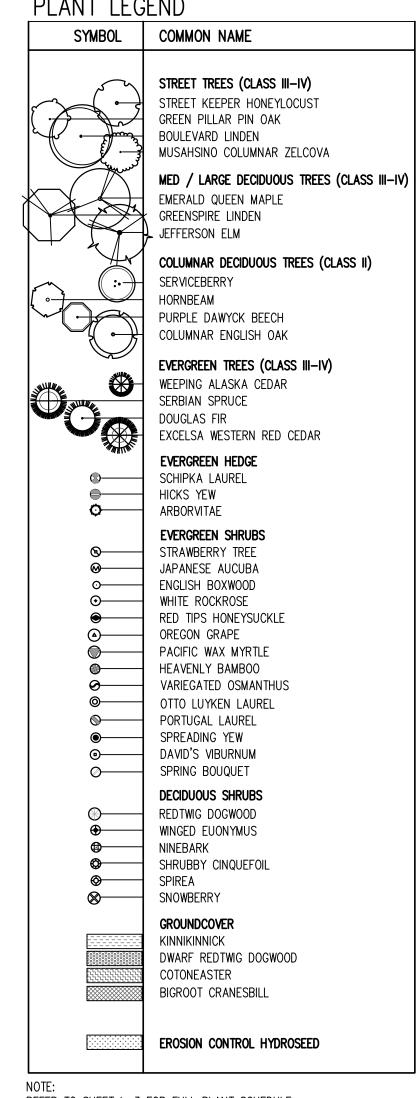
WILLIAM A. BROWN CERTIFICATE NO. 501

07.26.2021 202116

LANDSCAPE PLAN







REFER TO SHEET L-3 FOR FULL PLANT SCHEDULE WITH SIZES.

LANDSCAPE CALCULATIONS 24" X 48" SILVA CELL

> SCALE: 1" = 30' - 0" SHEET SIZE: 24" x 36" AT 100%

PROJECT: FREEMAN ROAD LOGISTICS **BUILDING B**

LOCATION: FREEMAN ROAD PUYALLUP, WA

CLIENT: **VECTOR** DEVELOPMENT CO. 11335 NE 122ND WAY, SUITE 105 KIRKLAND, WA 98034

11.23.2020 SEPA 19.12.2022 SEPA RESUBMITTAL 11.13.2023 SEPA RESUBMITTAL 01.31.2024 BUILDING PERMIT

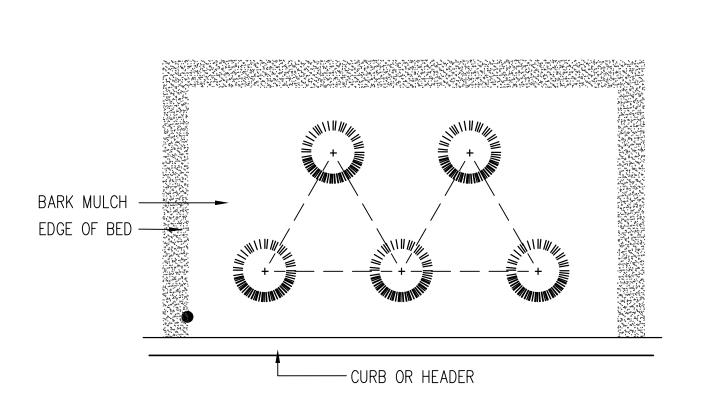
DESIGNED CB DRAWN CB CHECKED CB



WILLIAM A. BROWN CERTIFICATE NO. 501 07.26.2021

LANDSCAPE PLAN

202116



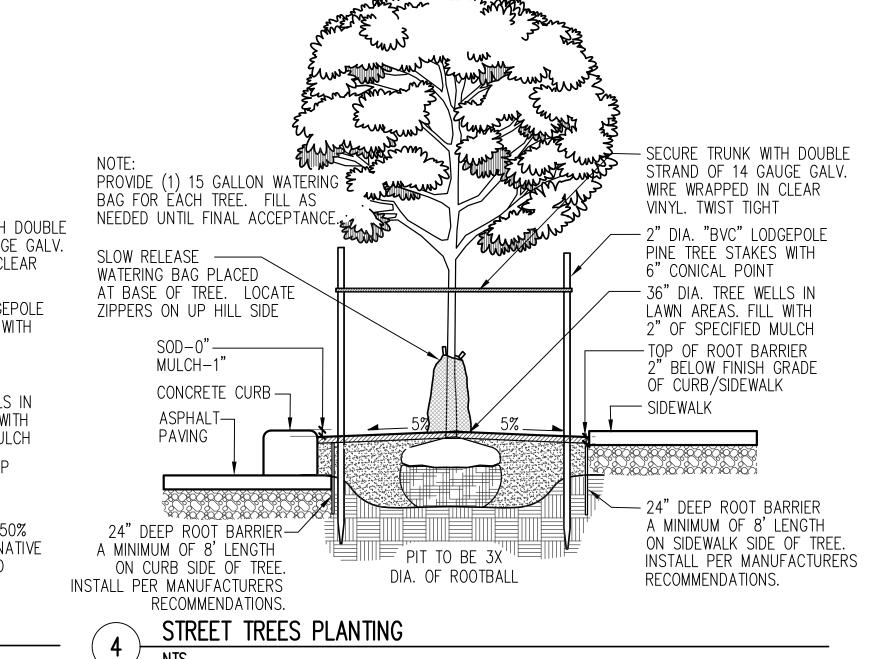
NOTE: SPACING TO BE TRIANG. PER DISTANCE SHOWN ON PLANT SCHEDULE

GROUND COVER SPACING REMOVE ADDITIONAL ASPHALT/CONCRETE AS REQUIRED TO INSTALL IRRIGATION HEADS ADJACENT TO — ESTABLISH CROWN AS INDICATED ┌─ MULCH PER PLAN CONCRETE CURB — ASPHALT-PAVING MULCH-1" - IMPORT TOPSOIL AS SPECIFIED -REMOVE PAVING & CRUSHED ROCK AS INDICATED. SCARIFY EXISTING SUBGRADE TO DEPTH OF 6" AND BACKFILL WITH IMPORT TOPSOIL PER NOTES - PAVING/CRUSHED TOP COURSE

- SET CROWN AT NURSERY HEIGHT - BARK MULCH PER SPECS BACKFILL TO CONSIST OF TOPSOIL PER SPECS. ADD FERTILIZER PER SCARIFY ROOTBALL ON CONTAINER MATERIAL REMOVE ALL BURLAP ON B&B MATERIAL PIT TO BE 2X DIA. OF ROOTBALL

SHRUB PLANTING

SECURE TRUNK WITH DOUBLE STRAND OF 14 GAUGE GALV. WIRE WRAPPED IN CLEAR VINYL. TWIST TIGHT 2" DIA. "BVC" LODGEPOLE PINE TREE STAKES WITH 6" CONICAL POINT PLANT TREES HIGH 36" DIA. TREE WELLS IN ENOUGH TO ALLOW LAWN AREAS. FILL WITH POSITIVE DRAINAGE 2" OF SPECIFIED MULCH AWAY FROM ROOTBALL REMOVE ALL BURLAP AND WIRE BASKETS BACKFILL PIT WITH 50% TOPSOIL AND 50% NATIVE SOIL. ADD SPECIFIED FERTILIZER TO MIX PIT TO BE 2X DIA. OF ROOTBALL TREE STAKING



LANDSCAPE ISLAND

PLANT SCHEDILLE

PLANT SCHE	DULE	Т	T	
SYMBOL	BOTANICAL NAME / COMMON NAME	QTY	SIZE	REMARKS
	STREET TREES (CLASS III—IV) GLEDITSIA TRIACANTHOS 'DRAVES' / STREET KEEPER HONEYLOCUST QUERCUS PALUSTRIS 'GREEN PILLAR' GREEN PILLAR PIN OAK TILIA AMERICANA 'BOULEVARD' / BOULEVARD LINDEN ZELCOVA SERRATA 'MUSASHINO' / MUSAHSINO COLUMNAR ZELCOVA	11 7 17 5	MIN. 1" CAL. MIN. 1" CAL. MIN. 1" CAL. MIN. 1" CAL.	B & B B & B B & B B & B
	MEDIUM DECIDUOUS TREES (CLASS III—IV) ACER PLATANOIDES 'EMERALD QUEEN' / EMERALD QUEEN MAPLE TILIA CORDATA 'GREENSPIRE' / GREENSPIRE LINDEN ULMUS AMERICANA 'JEFFERSON' / JEFFERSON ELM	14 13 9	MIN. 1-1/2" CAL. MIN. 1-1/2" CAL. MIN. 1-1/2" CAL.	B & B B & B B & B
	COLUMNAR DECIDUOUS TREES (CLASS II) AMELANCHIER X G. 'AUTUMN BRILLANCE' / SERVICEBERRY CARPINUS BETULUS 'FRANS FONTAINE' / HORNBEAM FAGUS SYLVATICA 'DAWYCK' / DAWYCK BEECH QURECUS ROBUR 'FASTIGIATA' / COLUMNAR ENGLISH OAK	27 41 16 22	MIN. 1-1/2" CAL. MIN. 1-1/2" CAL. MIN. 1-1/2" CAL. MIN. 1-1/2" CAL.	B & B B & B B & B B & B
	EVERGREEN TREES (CLASS II—IV) CHAMAECYPARIS NOOTKATENSIS 'PENDULA' / ALASKA CEDAR PICEA OMORIKA / SERBIAN SPRUCE PSEUDOTSUGA MENZIESII / DOUGLAS FIR THUJA PLICATA 'EXCELSA' / EXCELSA WESTERN RED CEDAR	6 11 71 58	MIN. 5' HT. MIN. 5' HT. MIN. 8' HT. MIN. 8' HT.	B & B B & B B & B B & B
©———	EVERGREEN HEDGE PRUNUS L. 'SCHIPKAENSIS' / SCHIPKA LAUREL TAXUS MEDIA X 'HICKSII' / HICKS YEW THUJA OCCIDENTALIS 'FASTIGIATA' / ARBORVITAE	90 7 339	MIN. 48" HT. MIN. 48" HT. MIN. 48" HT.	B & B B & B B & B
<u>Ф</u>	,			

PLANT SCHEDILLE

PLAN I	SCHEDULE			
SYMBOL	BOTANICAL NAME / COMMON NAME	QTY	SIZE	REMARKS
	EVERGREEN SHRUBS ARBUTUS UNEDO 'COMPACTA' / STRAWBERRY TREE AUCUBA JAPONICA 'ROZANNIE' / JAPANESE AUCUBA BUXUS S. 'GRAHAM BLANDY' / ENGLISH BOXWOOD CISTUS X HYBRIDUS / WHITE ROCKROSE LONIERCA N. 'RED TIPS' / RED TIPS HONEYSUCKLE MAHONIA AQUIFOLIUM 'COMPACTA' / OREGON GRAPE MYRICA CALIFORNICA / PACIFIC WAX MYRTLE NANDINA D. 'SIENNA SUNRISE' / HEAVENLY BAMBOO OSMANTHUS H. 'GOSHIKI' / VARIEGATED OSMANTHUS PRUNUS L. 'OTTO LUYKEN' / OTTO LUYKEN LAUREL PRUNUS LUSITANICA / PORTUGAL LAUREL TAXUS X MEDIA 'DENSIFORMIS' / SPREADING YEW VIBURNUM DAVIDII / DAVID'S VIBURNUM VIBURNUM T. 'SPRING BOUQUET' / SPRING BOUQUET	60 27 6 172 337 259 225 22 3 77 41 94 242 30	5 GAL. 5 GAL.	
⊕ ⊕ ⊕ ⊕ ⊕ ⊗	DECIDUOUS SHRUBS CORNUS SERICEA 'BAILEY' / REDTWIG DOGWOOD EUONYMUS ALATUS 'COMPACTUS' / WINGED EUONYMUS PHYSOCARPUS O. 'SUMMER WINE' / NINEBARK POTENTILLA 'GOLDFINGER' / SHRUBBY CINQUEFOIL SPIRAEA X BUMALDA 'ANTHONY WATERER' / SPIREA SYMPHORICARPOS ALBUS / SNOWBERRY	391 65 58 90 89 134	5 GAL. 5 GAL. 5 GAL. 5 GAL. 5 GAL. 5 GAL.	
	GROUNDCOVER ARCHTOSTAPHYLOS UVA—URSI / KINNIKINNICK CORNUS SERICA 'KELSYI' / DWARF REDTWIG DOGWOOD COTONEASTER D. 'CORAL BEAUTY' / COTONEASTER GERANIUM MACRORRHIZUM / BIGROOT CRANESBILL EROSION CONTROL SEED MIX: 45% FESTUCA ARUNDINACEA VAR. / DWARF TALL FESCUE 30% LOLIUM PERENNE VAR. BARCLAY / DWARF PERENNIAL RYE (BARCLAY) 20% FESTUCA RUBRA / RED FESCUE 5% AGROSTIS TENUIS 'HIGHLAND STRAIN / COLONIAL BENTGRASS	TBD TBD TBD TBD	1 GAL. 1 GAL. 1 GAL. 1 GAL. HYDROSEED	36" O.C. 24" O.C. 36" O.C. 24" O.C. SEED-80 LBS / ACRE MULCH-1,500 LBS / ACRE

LANDSCAPE NOTES

- ALL NEW PLANTING BEDS TO RECEIVE A MINIMUM 18" OF TOPSOIL. INSTALLED IN THREE LIFTS OF 6" DEPTH, WITH THE FIRST LIFT ROTOTILLED INTO THE SUBGRADE TO A MINIMUM DEPTH OF 8". TOPSOIL TO CONSIST OF 40% BY VOLUME NATIVE LOAM SOIL, 40% BY VOLUME SAND, AND 20% BY VOLUME COMPOST. TOPSOIL TO BE UNIFORMLY AMENDED FOR FERTILITY AND PH AS RECOMMENDED BY A CURRENT SOILS TEST PROVIDED BY A APPROVED SOIL TEST LABORATORY FOR NEW LANDSCAPE PLANTING.
- 2. ALL NEW PLANTER BEDS TO HAVE MEDIUM/FINE (3" MINUS) BARK MULCH INSTALLED TO A MINIMUM DEPTH OF 2". MAINTAIN A 6" MULCH FREE RING AROUND TRUNKS OF ALL TREES AND SHRUBS.
- 3. GROUNDCOVER TO EXTEND UNDER ALL DECIDUOUS TREE CANOPIES AT THE SPECIFIED SPACING TO PROVIDE COMPLETE COVERAGE IN ALL PLANTING BEDS SHOWN TO RECEIVE GROUNDCOVER. GROUNDCOVER BENEATH EVERGREEN TREES TO MAINTAIN A 3' CLEARANCE FROM BASE OF TREE.
- 4. TREES TO MAINTAIN A MINIMUM 5' CLEARANCE FROM FIRE HYDRANTS, 7.5' FROM WATER AND SEWER LINES, 7.5' FROM DRIVEWAYS AND BUILDINGS (TYPE I AND TYPE II), 10' FROM UTILITY POLES AND SIGNS, 30' FROM INTERSECTIONS (FACE OF CURB) AND STREET SIGNS (LEADING SIDE). SHRUBS TO MAINTAIN A MINIMUM 3' CLEARANCE FIRE HYDRANTS, BACKFLOW DEVICES, AND METERS.
- 5. ALL PLANT MATERIAL HAS BEEN SELECTED TO BE DROUGHT TOLERANT. SUBSTITUTIONS IF REQUIRED TO ALSO BE DROUGHT TOLERANT, BE OF THE SAME GENERAL CHARACTER OF PLANT SUBSTITUTED, AND TO BE APPROVED BY LANDSCAPE ARCHITECT.
- 6. ALL NEW PLANTING TO BE FERTILIZED WITH STARTER FERTILIZER 2-4-2, OR APPROVED EQUAL, APPLIED AT MANUFACTURERS RECOMMENDED RATE. TREES AND SHRUBS TO BE FERTILIZED WITH AGSAFE 20-10-5, 21 GRAM PLANT TABS, APPLIED AT MANUFACTURERS RECOMMENDED RATE.
- 7. LANDSCAPE DRAWINGS ARE BASED ON THE SITE PLANS PREPARED BY SYNTHESIS ARCHITECTS PLLC. IMMEDIATELY NOTIFY LANDSCAPE ARCHITECT OF ANY FIELD CHANGES TO THE SITE PLAN THAT MAY REQUIRE ADJUSTMENT OF
- 8. REFER TO CIVIL ENGINEERING DRAWINGS FOR GRADING AND DRAINAGE INFORMATION. IMMEDIATELY NOTIFY LANDSCAPE ARCHITECT ON ANY ADVERSE DRAINAGE CONDITIONS WHICH MAY AFFECT HEALTH OF PLANT MATERIAL.
- 9. ALL TREES IN PLANTER STRIPS AND TREES WITHIN 4'OF SIDEWALK TO HAVE ROOT BARRIER INSTALLED MEETING CITY OF PUYALLUP STANDARDS. 24" DEEP PANELS A MINIMUM 8' LENGTH CENTERED ON TREE ON SIDEWALK SIDE OF
- 10. WARRANTY ALL PLANTING FOR 1 YEAR FROM FINAL ACCEPTANCE. REPLACE PLANTING THAT HAS DIED OR DYING. 11. ALL NEW LANDSCAPE TO BE IRRIGATED WITH A HIGH EFFICIENCY IRRIGATION SYSTEM. EROSION CONTROL HYDROSEED TO HAVE TEMPORARY ABOVE GRADE IRRIGATION. TREES AND SHRUBS WITHIN EROSION CONTROL AREAS TO HAVE DRIP POINT SOURCE EMITTERS. IRRIGATION TO BE PROVIDED WITH A ET ADJUSTED IRRIGATION CONTROLLER WITH A ON SITE ET SENSOR.
- 12. NO IRRIGATION TO BE INSTALLED WITHIN R.O.W. OR FUTURE R.O.W. PROVIDE (1) SLOW RELEASE 15 GALLON WATERING BAG FOR EACH TREE IN R.O.W. FILL EACH WATERING BAG WITH WATER 1-2 TIMES A WEK OR AS NEEDED UNTIL FINAL ACCEPTANCE.

LANDSCAPE LEGEND

— — — ROOT BARRIER NDS EP-2450, 24" DEEP ROOT BARRIER

11.23.2020 SEPA 19.12.2022 SEPA RESUBMITTAL 11.13.2023 SEPA RESUBMITTAL 01.31.2024 BUILDING PERMIT

Landscape Architecture Site Planning Irrigation

L A 16630 30th Dr. S.E. Bothell, WA 98012 phone (425) 417-4609

FREEMAN ROAD

LOGISTICS

BUILDING B

FREEMAN ROAD

DEVELOPMENT CO.

11335 NE 122ND WAY,

KIRKLAND, WA 98034

PUYALLUP, WA

PROJECT:

LOCATION:

CLIENT:

VECTOR

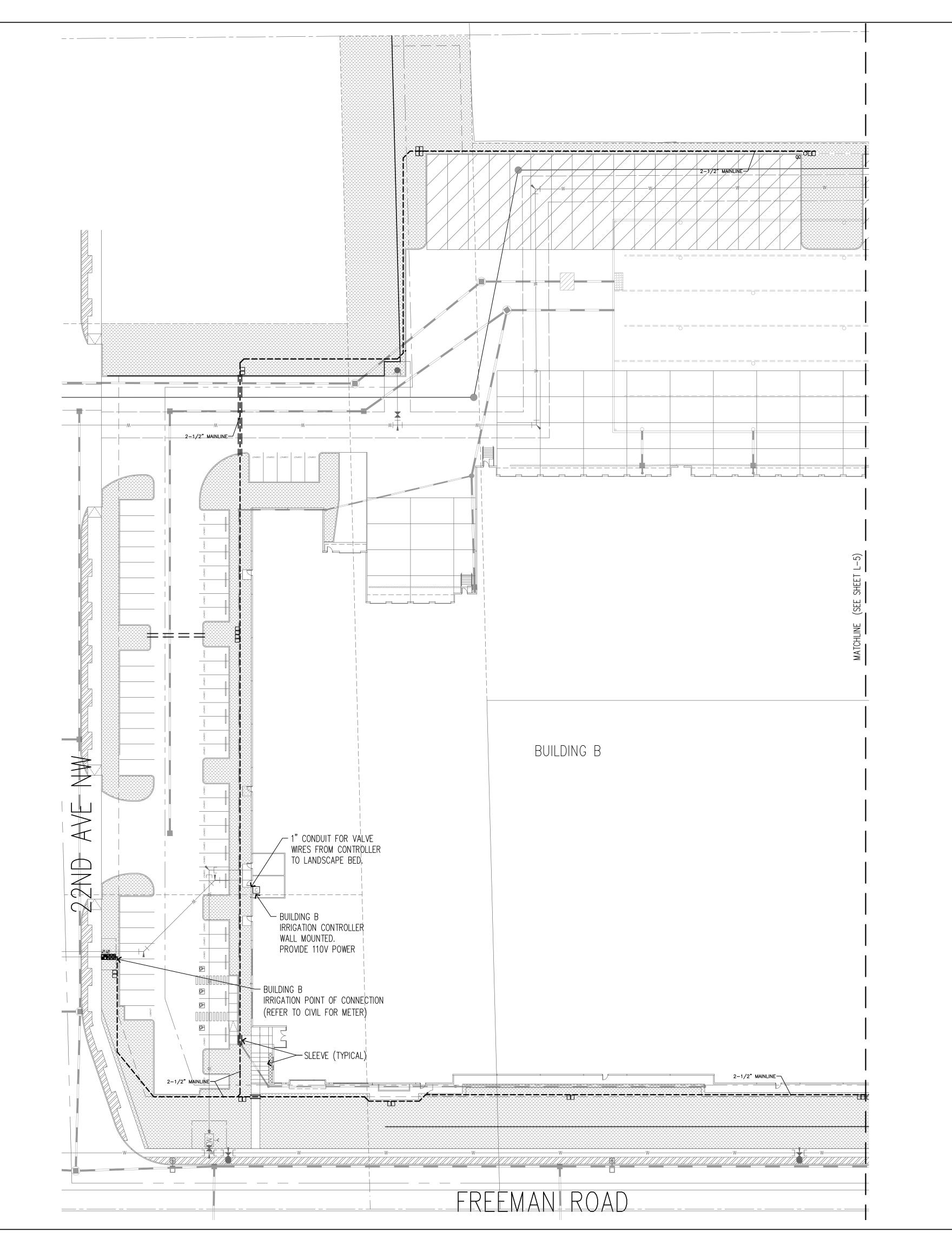
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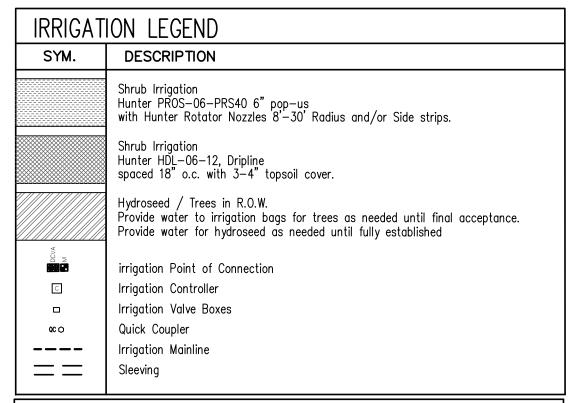
DESIGNED CB DRAWN CB CHECKED CB PROFESSIONAL SEAL

WASHINGTON REGISTERED

WILLIAM A. BROWN CERTIFICATE NO. 501 07.26.2021 202116

LANDSCAPE **DETAILS**





IRRIGATION SCHEDULE

2" Irrigation Meter (refer to Water Civil Drawings) Point of Connection: (1) 2" Bronze Gate Valve (1) 2" Febco 950XLT, Double Check Valve Assembly (1) 2" WILKENS 600U, Pressure Reducing Valve (1) Hunter HQ44-LRC, 1" Quick Coupler (1) Hunter ICV-201G, 2" Master Valve Irrigation Controller: Hunter I2C-800-M-ICM-2200-(2) ICM-800-EZ-DM , 46 station 2-wire decoder system W/ Hunter WSS-SEN, Wireless Solar Sync ET/Rain Sensor Hunter PROS-06-PRS40-CV, 6" Pop-up Rotator HUNTER HDL-06-12, DURA FLOW Dripline with 0.60 GPH drip emitters @ 12" o.c. w/ NDS tie-down stakes @ 3" o.c. and Hunter PLD-LOC fittings as needed. Use Hunter flush valves and air/vacuum relief valves as required for each isolated area. Hunter PLD-AVR, Air Releif valve Hunter AFV-B, Automatic Flush valve Hunter ICV—SERIES, Automatic Valve Provide Hunter EZ—1 Decoders and Surge Arresters as needed Hunter ICZ—SERIES, Drip Control Zone Kit Provide Hunter EZ—1 Decoders and Surge Arresters as needed Hunter HQ44-LRC-HSJ-1, 1" Quick Coupler w/ locking rubber cap Mainline, 2-1/2" Schedule 40 PVC Lateral, (size per pipe size table) Class 200 PVC

PIPE SIZING TARLE

THE SIZING TADEL	_
PIPE SIZE	MAX. G.P.M.
3/4" PVC Class 200 1" PVC Class 200 1-1/4" PVC Class 200 1-1/2" PVC Class 200 2" PVC Class 200 2-1/2" PVC Class 200	Up to 10 G.P.M. Up to 16 G.P.M. Up to 26 G.P.M. Up to 35 G.P.M. Up to 55 G.P.M. Up to 80 G.P.M.

Sleeving, Schedule 40 PVC (2x size of interior pipe, minimum 6")

IRRIGATION NOTES

- 1. IRRIGATION TO BE DESIGN/BUILD PROVIDING COMPLETE COVERAGE OF ALL NEW PLANTING EXCEPT PLANTING IN R.O.W.
- 2. VERIFY EXISTING STATIC P.S.I. BEFORE INSTALLATION OF IRRIGATION. NOTIFY LANDSCAPE ARCHITECT IF P.S.I. IS LESS THAN 65 STATIC P.S.I.
- VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF WORK. PROTECT ALL
 NEW AND EXISTING UTILITIES. PROMPTLY NOTIFY THE LANDSCAPE ARCHITECT OF ANY CONFLICT
 BETWEEN PROPOSED WORK AND OBSTRUCTIONS.
- 4. IRRIGATION CONTRACTOR SHALL PROVIDE PROTECTION OF ALL PROPERTY, WORK IN PROGRESS, STRUCTURES, UTILITIES, WALKS, CURBS, PAVED SURFACES AND EXISTING LANDSCAPE AND IRRIGATION TO REMAIN DURING THE INSTALLATION OF THE LANDSCAPE AND IRRIGATION WORK. VERIFY LOCATIONS OF
- UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF WORK AD PROTECT SAID UTILITIES.

 5. IRRIGATION CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND FEES AS REQUIRED BY APPLICABLE CODES AND ORDINANCES FOR THIS WORK. ALL WORK TO BE INSTALLED PER LOCAL
- CODE REQUIREMENTS AND MANUFACTURE'S SPECIFICATIONS.

 6. PRESSURIZE MAINLINE TO 100 P.S.I. FOR A PERIOD OF 2 HOURS. CHECK ALL JOINTS AND CONNECTIONS FOR LEAKS AND REPAIR AS REQUIRED. PROVIDE WRITTEN DOCUMENTATION THAT A PRESSURE TEST TO OWNERS REPRESENTATIVE, THAT TEST HAS BEEN COMPLETED WITH NO MORE THAN A 5 P.S.I. LOSS
- DURING THE TEST DURATION.

 7. UPON THE COMPLETION OF IRRIGATION WORK, OPERATE THE SYSTEM IN THE PRESENCE OF THE OWNERS
- REPRESENTATIVE. ADJUST AS NEEDED TO PROVIDE FULL COVERAGE AND MINIMIZE OVER SPRAY.

 8. GUARANTEE ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR, COMMENCING AT THE TIME OF FINAL ACCEPTANCE. THE GUARANTEE DOES NOT APPLY TO WORK OR DAMAGE DONE TO THE
- IRRIGATION SYSTEM BY OTHERS AFTER FINAL ACCEPTANCE.

 9. PRIOR TO FINAL ACCEPTANCE, PROVIDE THE OWNER WITH A CLEARLY DRAWN REPRODUCIBLE RECORD DRAWING SHOWING OR NOTING ACTUAL LOCATIONS OF CONTROLLER, SENSOR, MAINLNE, VALVES, QUICK COUPLERS, AIR VACUUM RELIEF VALVES, AND FLUSH VALVES. RECORD DRAWING TO NOTE ACTUAL

SCALE: 1" = 30' - 0"

- PRODUCTS INSTALLED IF DIFFERENT THAN ORIGINALLY SPECIFIED PRODUCTS.

 10. NO IRRIGATION WITHIN R.O.W. PROVIDE WATER AS NEEDED FOR HYDROSEEDED AREAS UNTIL FULLY ESTABLISHED. PROVIDE WATER FOR STREET TREES IN IRRIGATION BAGS AS NEEDED UNTIL FINAL ACCEPTANCE
- 11. REFER TO SHEET L-6 FOR IRRIGATION DETAILS.



PROJECT:
FREEMAN ROAD
LOGISTICS
BUILDING B

LOCATION:
FREEMAN ROAD
PUYALLUP, WA

CLIENT:
VECTOR
DEVELOPMENT CO.
11335 NE 122ND WAY,
SUITE 105
KIRKLAND, WA 98034

NO. DATE REVISION
11.23.2020 SEPA
19.12.2022 SEPA RESUBMITTAL
11.13.2023 SEPA RESUBMITTAL
01.31.2024 BUILDING PERMIT

DRAWN CB
CHECKED CB

PROFESSIONAL SEAL

DESIGNED CB

STATE OF
WASHINGTON
REGISTERED
ANDROAPE ARCHITECT
WILLIAM A. BROWN

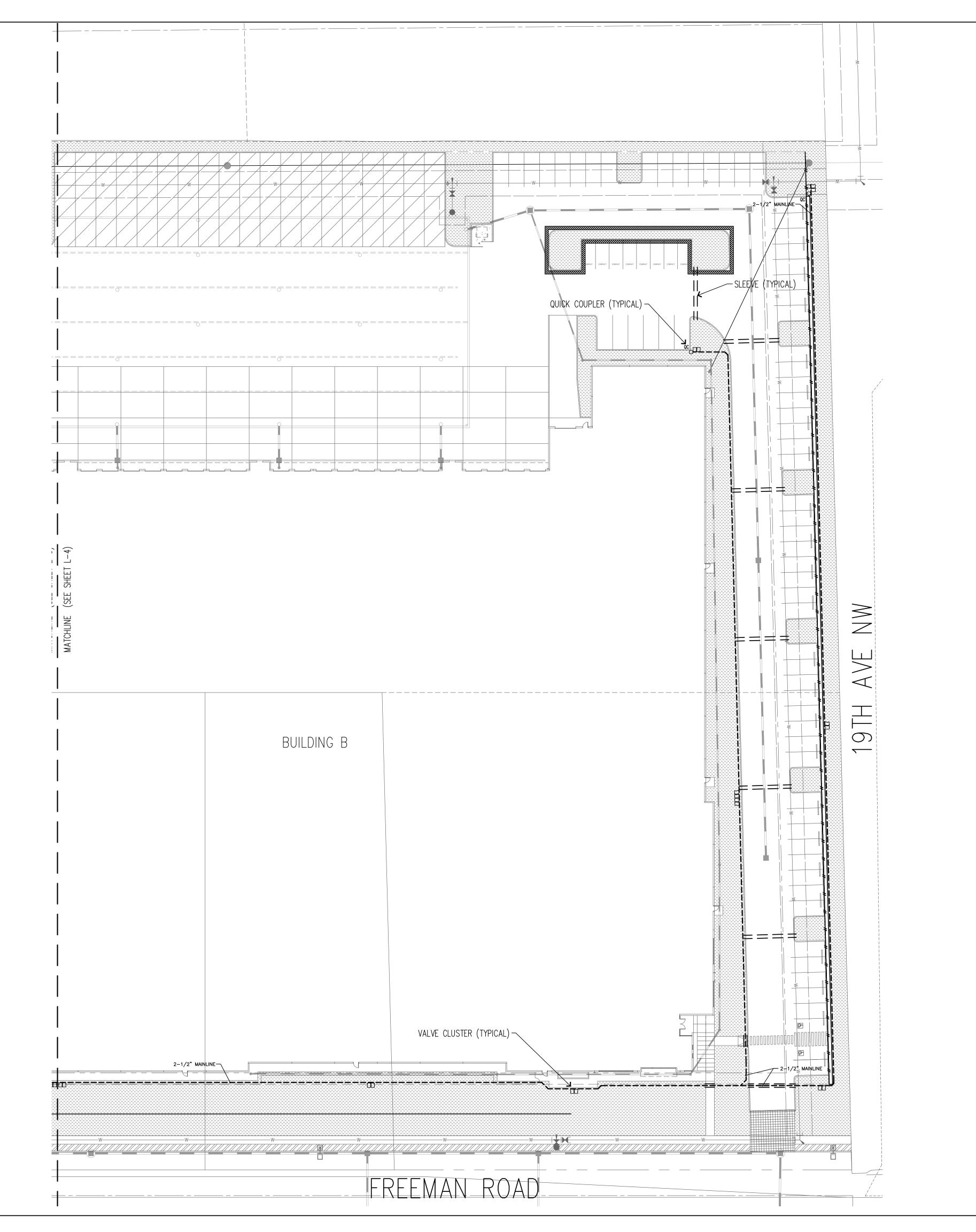
DATE 07.26.2021

PROJECT NO. 202116

IRRIGATION PLAN

L-5

SHEET SIZE: 24" x 36" AT 100%





LOCATION:
FREEMAN ROAD
PUYALLUP, WA

CLIENT:
VECTOR
DEVELOPMENT CO.
11335 NE 122ND WAY,
SUITE 105
KIRKLAND, WA 98034

IRRIGATION LEGEND

DESCRIPTION

Shrub Irrigation
Hunter PROS-06-PRS40 6" pop-us
with Hunter Rotator Nozzles 8'-30' Radius and/or Side strips.

1. REFER TO SHEET L-4 FOR IRRIGATION SCHEDULE AND NOTES. REFER TO SHEET L-6 FOR IRRIGATION

SCALE: 1" = 30' - 0"

Hydroseed / Trees in R.O.W.
Provide water to irrigation bags for trees as needed until final acceptance.
Provide water for hydroseed as needed until fully established

Shrub Irrigation Hunter HDL—06—12, Dripline spaced 18" o.c. with 3—4" topsoil cover.

irrigation Point of Connection

Irrigation Controller
Irrigation Valve Boxes

Quick Coupler Irrigation Mainline

Sleeving

IRRIGATION NOTES

DETAILS.

NO. DATE REVISION
11.23.2020 SEPA

11.13.2023 SEPA RESUBMITTAL
01.31.2024 BUILDING PERMIT

19.12.2022 SEPA RESUBMITTAL

DESIGNED CB
DRAWN CB

CHECKED CB

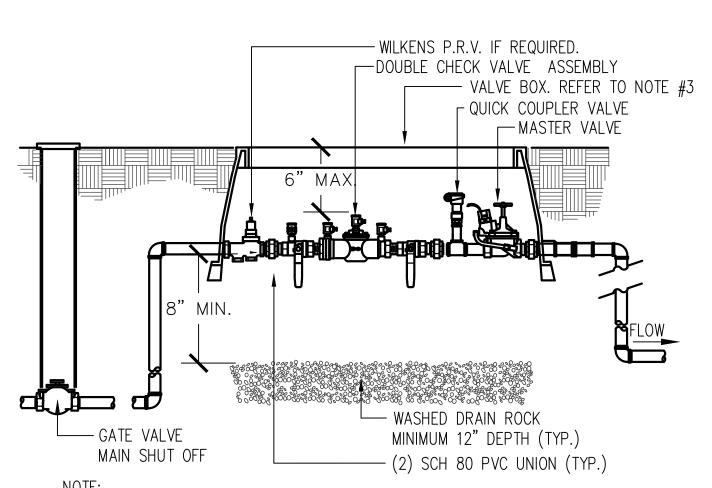
STATE OF

WASHINGTON
REGISTERED
ANDECAPE ARCHITECT
WILLIAM A. BROWN
CERTIFICATE NO. 501

DATE 07.26.2021
PROJECT NO. 202116

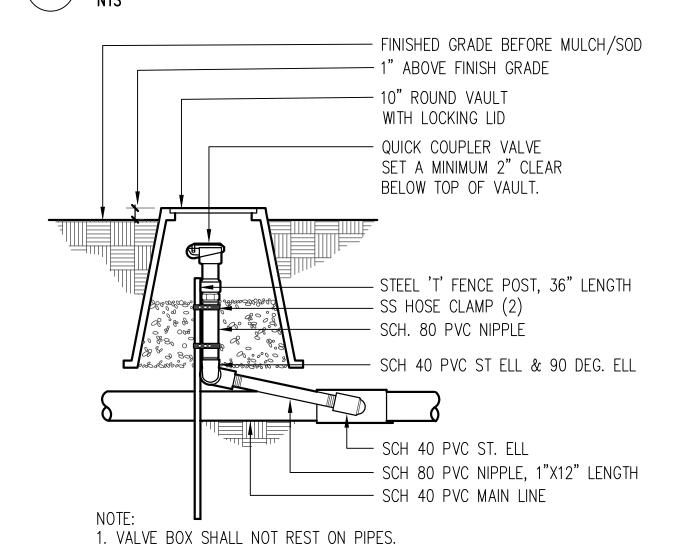
IRRIGATION PLAN

120' SHEET NUMBER



- 1. INSTALLATION SHALL CONFORM WITH CITY OF PUYALLUP STANDARDS. REVIEW CURRENT CITY STANDARDS.
- 2. WHEN TEST COCKS ARE FACING SIDEWAYS THERE MUST BE A MIN. OF 6" CLEARANCE. TEST COCKS TO BE PLUGGED.
- 3. FOR 3/4" & 1" DEVICES, CARSON JUMBO BOXES FOR 1-1/2" & 2" DEVICES, INSTALL FOG TITE #2 REINFORĆED CONCRETE BOXES

POINT OF CONNECTION



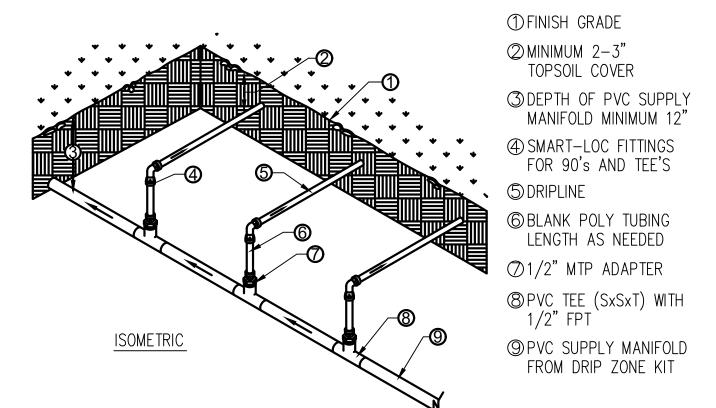
3. PROVIDE DRAIN ROCK TO A MINIMUM DEPTH OF 6".

DRIPLINE HEADER

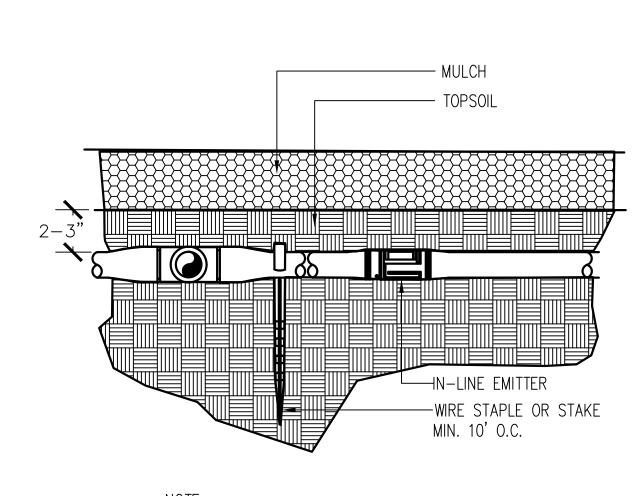
4. CONTRACTOR TO PROVIDE (1) EACH QCV KEY AND SWIVEL HOSE ELL.

2. VALVE TO BE SET PLUM & CENTERED IN VALVE BOX.

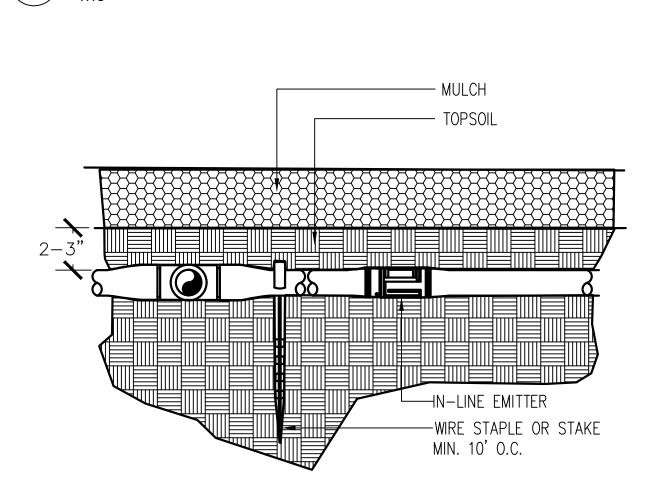
QUICK COUPLER



1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS. 2. AIR/VACUUM RELIEF VALVE TO BE PLACED ON BLANK TUBING AT HIGH POINT OF DRIPLINE.



1. NO DRIPLINE SHALL BE VISABLE ON THE SURFACE.



JUP TO 800' AWAY

7/k/3/jk.4k/

MOUNT CONTROLLER WITH LCD SCREEN AT EYE LEVEL. CONTROLLER SHALL BE

(1) MODEL: WIRELESS SOLAR SYNC SENSOR,

MOUNT UP TO 800' FROM RECEIVER

2 MOUNT SENSOR ON ROOF PARPIT ABOVE

CONTROLLER LOCATION WHERE SENSOR CAN

(3) WIRELESS SOLAR SYNC RECEIVER MOUNTED ON

THE WALL NEXT TO THE CONTROLLER CABINET.

HARD-WIRED TO GROUNDED 110 or 220 VAC SOURCE.

IRRIGATION CONTROLLER

- PAVING, CONCRETE

CIVIL PLANS AND

SPECIFICATIONS

18" MIN.

- SUBBASE- REFER TO

🗕 BACKFILL SEE 🤋

— 2" PVC SCH. 40

WIRE SLEEVE

- PVC SCH. 40

MIN. 2X DIA.

2. REPLACE DISTURBED OR DAMAGED LANDSCAPE.

DIRECTLY ADJACENT TO ANY PIPE.

SLEEVING / PIPE TRENCHING

OF INTERIOR PIPE

1. BACKFILL TO BE FREE OF ROCK OR DEBRIS LARGER THAN 1"

DIA. ABSOLUTELY NO ROCK OR DEBRIS SHALL BE PLACED

_NOTE BELOW ←

OR PAVERS.

RECEIVE FULL SUN, IS OPEN TO RAINFALL.

4) AL(39/LAKA)

(4) MODEL: SOLAR SYNC MODULE

(5) HUNTER I-CORE CONTROLLER

(6) VALVE CONTROL WIRE CONDUIT

(7)1/2" POWER SUPPLY CONDUIT

J-BOX INSIDE CONTROLLER

CONNECT PER LOCAL CODE

- MULCH

- TOPSOIL PER

PLANTING PLAN

-BACKFILL SEE

NOTE BELOW

---PVC LATERALS

-- PVC MAIN LINE

- VALVE WIRES

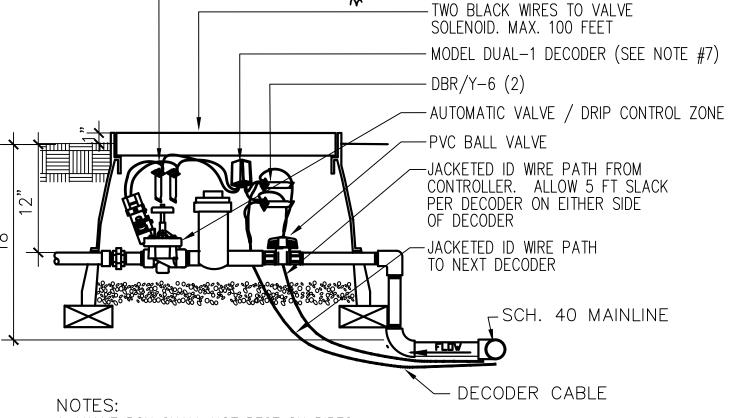
TO EXTERIOR LANDSCAPE BED

FROM CONTROLLER

WALL MOUNTED

MOUNT LESS THAN 6' AWAY

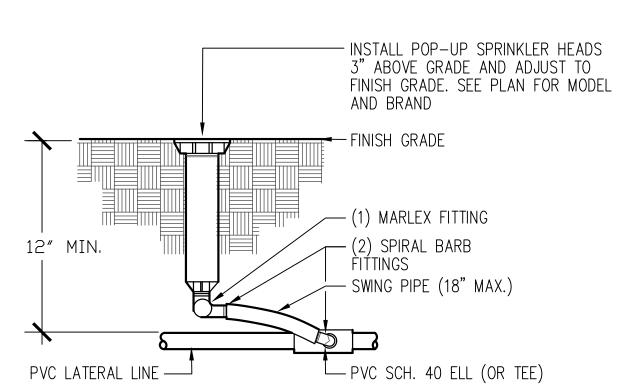
DRIP EMITTER



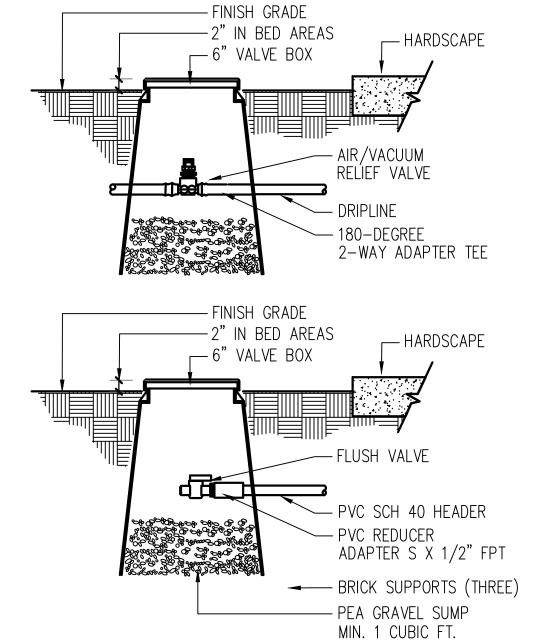
1. VALVE BOX SHALL NOT REST ON PIPES.

- 2. ALL PIPE AND FITTINGS WITHIN VAULT TO BE SCH 40 PVC SAME SIZE AS OUTLET LATERAL PIPE.
- 3. PROVIDE EXPANSION COILS AT EACH WIRE CONNECTION IN VALVE BOX.
- 4. COMPACT SOIL AROUND VALVE BOX TO SAME DENSITY AS UNDISTURBED ADJACENT SOIL.
- 5. PROVIDE VALVE BOX EXTENSIONS AS REQUIRED.
- 6. TAPE CONTROL WIRES AND SPARE TO BOTTOM OF MAINLINE (TYPICAL).
- 7. INSTALL GROUNDING RODS AND SURGE ARRESTORS PER MANUFACTURERS RECOMMENDATIONS.

AUTOMATIC VALVE



POP-UP SPRINKLER



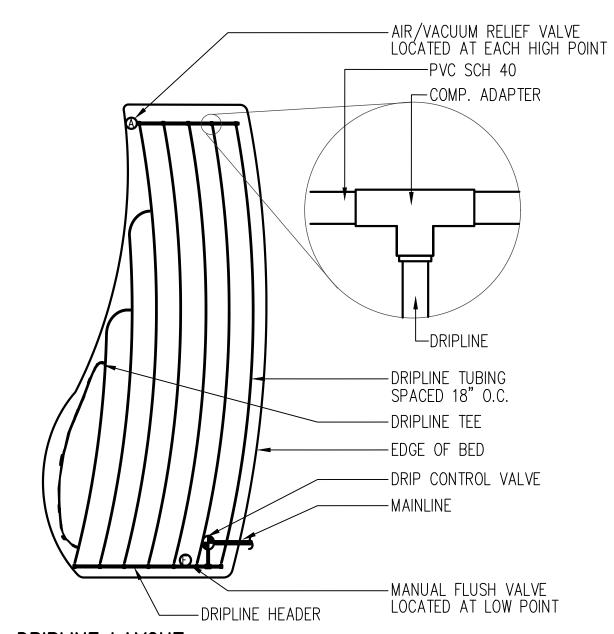
AIR VACUUM RELIEF VALVE / FLUSH VALVE

-DBY/Y-6 (2) -TWO BLACK WIRES TO VALVE SOLENOID. MAX. 100 FEET - MODEL DUAL-1 DECODER -DBR/Y-6 (2) -DRIP CONTROL ZONE -PVC BALL VALVE JACKETED ID WIRE PATH FROM CONTROLLER. ALLOW 5 FT SLACK PER DECODER ON EITHER SIDE OF DECODER JACKETED ID WIRE PATH TO NEXT DECODER -SCH. 40 MAINLINE DECODER CABLE

1. VALVE BOX SHALL NOT REST ON PIPES.

- 2. ALL PIPE AND FITTINGS WITHIN VAULT TO BE SCH 40 PVC SAME SIZE AS OUTLET LATERAL PIPE.
- 3. PROVIDE EXPANSION COILS AT EACH WIRE CONNECTION IN VALVE BOX.
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- 6. TAPE CONTROL WIRES AND SPARE TO BOTTOM OF MAINLINE (TYPICAL).

DRIP CONTROL ZONE



DRIPLINE LAYOUT

11.23.2020 SEPA 19.12.2022 SEPA RESUBMITTAL 11.13.2023 SEPA RESUBMITTAL 01.31.2024 BUILDING PERMIT DESIGNED CB DRAWN CB CHECKED CB WASHINGTON REGISTERED WILLIAM A. BROWN CERTIFICATE NO. 501 07.26.2021 202116

Landscape Architecture Site Planning Irrigation

L A 16630 30th Dr. S.E. Bothell, WA 98012 phone (425) 417-4609

FREEMAN ROAD

LOGISTICS

BUILDING B

FREEMAN ROAD

DEVELOPMENT CO.

11335 NE 122ND WAY,

KIRKLAND, WA 98034

PUYALLUP, WA

PROJECT:

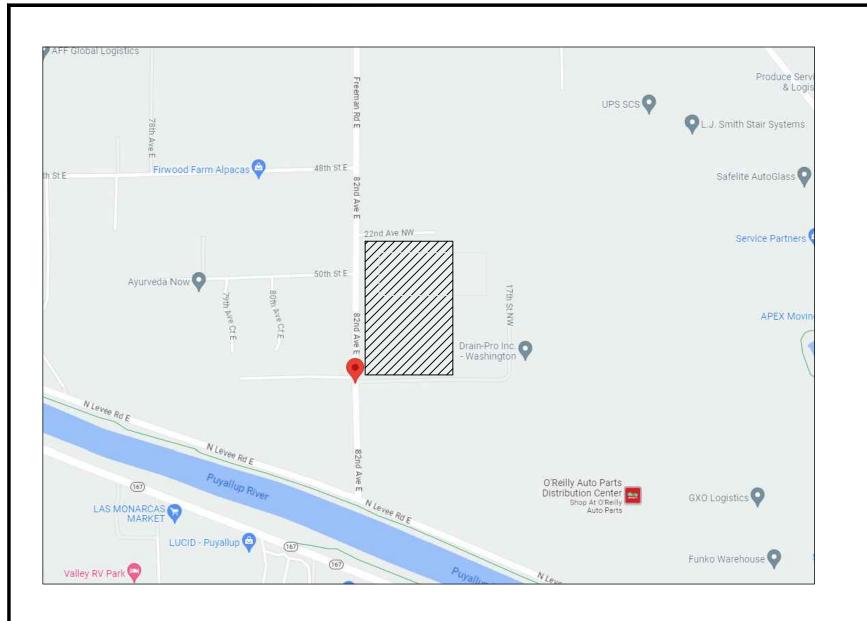
LOCATION:

CLIENT:

VECTOR

SUITE 105

IRRIGATION DETAILS









		GAS	UNIT HEA	TER SCHE	DULE		
MARK	MANF.	MODEL	INPUT	OUTPUT	VOLTAGE	EFF.	NET. WT.
IMAKK	MANE.	MODEL	(BTU/h)	(BTU/h)	(V)	(%)	(lb)
							,
UH I-6	REZNOR	UDX-400	400,000	332,000	115	83	316

NOTES: 42° SET POINT THERMISTER INTEGRAL TO UNIT

SEMI-HEATED SPACE CALCULATION PER WSEC C402.1.4

MAXIMUM HEATING SYSTEM OUTPUT CAPACITY PER DEFINITION WSEC SECTION C202 = 8 BTU/H/FT²

WAREHOUSE AREA = $253,380 \text{ FT}^2$

MAXIMUM OUTPUT ALLOWED = 8 BTU/H/FT² * 253,380 FT² = 2,027,040 > 1,992,000 BTU/H (6 UNIT HEATERS * 332,000 BTU/H)

		ELECTR	IC WALL	HEATE	R SCH	EDULE		
MARK	MANF.	MODEL	VOLT	PHASE	WATTS	AMPS	WEIGHT	NOTES
EWH-I	KING	PAWI2I5	120	I	1500	12.5	8 LBS	1,2

NOTES:
I. WITH INTEGRAL THERMOSTAT 2. PROVIDE WALL BOX

		E	KHAUS	ΓFAN S	SCHED	ULE		
MARK	MANF.	MODEL	CFM	S.P.	VOLTS	PHASE	HP/A	NOTES
EF-I	BROAN	L250	250	0.25	120	ΙØ	2.1 A	I
NOTEC.								

NOTES:

I. INTERLOCK WITH LINE VOLTAGE THERMOSTAT BY ELEC. CONTRACTOR

		ROOF	TOP E	XHAUS	T FAN	SCHE	DULE		
MARK	MANF.	MODEL	CFM	S.P.	VOLTS	PHASE	НР	WEIGHT (LBS)	NOTES
REF I-2	GREENHECK	GB-260-VGD-20	7,700	0.25	460	3Ø	2 HP	196	I
NOTEC.									

I. SWITCHED TO RUN CONTINUOUSLY BY ELECTRICAL CONTRACTOR

PER IMC TABLE 403.3 WAREHOUSE FANS TO EXHAUST MINIMUM OF 0.06 CFM/FT²

WAREHOUSE AREA= 253,380 FT²

MINIMUM EXHAUST ALLOWED= 253,380 * 0.06 CFM= 15,203 CFM/FT² < 15,400 CFM = (2 FANS * 7,700 CFM)

GOVERNING CODE INFORMATION

- 2018 INTERNATIONAL BUILDING CODE WITH STATEWIDE AMENDMENTS 2018 INTERNATIONAL MECHANICAL CODE WITH STATEWIDE AMENDMENTS
- 2018 INTERNATIONAL FIRE CODE WITH STATEWIDE AMENDMENTS 2018 INTERNATIONAL ENERGY CONSERVATION CODE/WASHINGTON STATE ENERGY CODE
- 2018 INTERNATIONAL EXISTING BUILDING CODE WITH STATEWIDE AMENDMENTS FOUND IN THE IBC

COMMISSIONING PLAN

ALL COMMISSIONING OF HEATING, VENTILATION AND AIR CONDITIONING SYSTEMS AS REQUIRED BY SECTION C408 "SYSTEM COMMISSIONING" OF THE 2018 WASHINGTON STATE REQUIRED BY SECTION C408 "SYSTEM COMMISSIONING" OF THE 2018 WASHINGTON STATE ENERGY CODE (WSEC) SHALL BE PERFORMED BY EVERGREEN REFRIGERATION, LLC. THE ACTIVITIES TO BE ACCOMPLISHED ARE PER THE SECTIONS LISTED IN THE "COMMISSIONING COMPLIANCE CHECKLIST" SHOWN BELOW. AT THE COMPLETION OF THE ACTIVITIES REQUIRED FOR COMMISSIONING AS DEFINED BY SECTION C408 OF WSEC THE "COMMISSIONING COMPLIANCE CHECKLIST" WILL BE REVIEWED WITH THE BUILDING OWNER OR THE OWNER'S REPRESENTATIVE AND THIS CERTIFICATION WILL BE SIGNED AND DATED. THIS WILL SATISFY TO THE CODE OFFICIAL THAT THE REPORT HAS BEEN ACCEPTED AS REQUIRED BY SECTION C408.1.3 OF WSEC.

	Project Name:							
	Project Address:							
PROJECT INFORMATION	Certified Commissioning Professional:							
	Type of ISO Certification and Number:							
SUPPORTING	 Manuals, record documents and training have been completed or are sch Bullding operations and maintenance information (Clo3.6.2) have been submitted to the or scheduled date: 							
DOCUMENTS	MANUALS (C103.6.2.1) HAVE BEEN SUBMITTED TO THE OWNER OR SCHEDULED DATE: COMPLIANCE DOCUMENTATION (C103.6.3) HAS BEEN SUBMITTED TO OWNER OR SCHEDULED DATE:							
	System operation training (Clo3.6.4) has been provided to the owner or scheduled date.	re:						
COMMISSIONING PLAN	Commissioning Plan was used during construction (Section C408.1.2)							
COMMISSIONING REPORT	Commissioning Report has been submitted (Section C408.1.3)							
	Mechanical Systems were included in the commissioning process (Sect	ion C408.2)						
	Testing, adjusting and balancing is complete (Section C408.2.2)							
	There are unresolved deficiencies with the mechanical system. These are de attached Commissioning Report submitted to the owner	escribed in the						
	Service Water Heating Systems were included in the commissioning pr	rocess (Section						
	There are unresolved deficiencies with the service water heating system. The attached Commissioning Report submitted to the Owner.	ese are describ						
	Controlled Receptacles and Lighting Control Systems were included in process (Section C408.4)	the commissi						
	There are unresolved deficiencies with the electrical power and/or automatic are described in the attached Commissioning Report submitted to the Owner							
COMMISSIONED SYSTEMS	Additional Systems were included in the commissioning process (Section	on C408.5)						
	There are unresolved deficiencies with systems required by C406 or C407. The attached Commissioning Report submitted to the Owner.	hese are descri						
	Metering Systems were included in the commissioning process (Section	C408.6)						
	There are unresolved deficiencies with the metering system. These are desort Commissioning Report submitted to the Owner.	cribed in the att						
	Refrigeration Systems were included in the commissioning process (Se	ection C408.7)						
	There are unresolved deficiencies with systems required by section C410. T attached Commissioning Report submitted to the Owner.	hese are describ						
	I HEREBY CERTIFY THAT ALL REQUIREMENTS FOR SECTION C408 SYSTEM COMMISSIONING HAVE BEEN COM-	PLETED IN						
	ACCORDANCE WITH THE WASHINGTON STATE ENERGY CODE, INCLUDING ALL THE ITEMS ABOVE.							
	CERTIFIED COMMISSIONING PROFESSIONAL DATE							
CERTIFICATION	I HEREBY CERTIFY THAT ALL REQUIREMENTS FOR SECTION C408 SYSTEM COMMISSIONING HAVE BEEN COM ACCORDANCE WITH THE WASHINGTON STATE ENERGY CODE, INCLUDING ALL THE ITEMS ABOVE.	PLETED IN						
	BUILDING OWNER OR OWNER'S REPRESENTATIVE DATE							

GENERAL NOTES

DUCTWORK

- 1.1 ALL DUCT DIMENSIONS ON PLAN ARE CLEAR INSIDE DIMENSIONS, ADD 2" TO EACH DIMENSION TO OBTAIN OUTSIDE DIMENSION. ADD 4" TO EACH DIMENSION IF THE
- DUCTWORK IS ON THE INTERIOR OF THE BUILDING. 1.2 THE FIRST NUMBER ON ALL DUCT DIMENSIONS IS THE WIDTH AND THE SECOND IS
- 1.3 MATERIALS WITHIN DUCTS OR PLENUMS SHALL HAVE A FLAME SPREAD RATING LESS
- THAN 25 AND A FLAME SMOKE DEVELOPMENT LESS THEN 50, PER IMC 602.2.1. 1.4 SEAL ALL TRANSVERSE JOINTS FOR DUCTWORK WITH STATIC PRESSURE BETWEEN 1/2 INCHES AND 2 INCHES. DUCTWORK WHICH IS DESIGNED TO OPERATE AT

PRESSURES ABOVE 1/2 WATER COLUMN SHALL BE SEALED IN ACCORDANCE WITH

- 1.5 ALL DUCT GAUGES PER SMACNA, IMC 603-4.
- 1.6 ALL DUCT SUPPORTS PER SMACNA, IMC 603-10.
- 1.7 ATTACH DIFFUSERS AND GRILLES TO T-BAR PER WA STATE & LOCAL CODES. 1.8 BALANCING DAMPERS ARE TO BE INSTALLED ON ALL BRANCH DUCTS OR DIFFUSERS.

INSULATION

2.1 INSULATE OR LINE DUCTWORK PER WA. STATE ENERGY AND MECHANICAL CODES. 2.2 INSULATE REFRIGERANT & CONDENSATE PIPING PER STATE & LOCAL ENERGY

STANDARD RS-7.

GENERAL CONTRACTOR

3.1 GENERAL CONTRACTOR TO PROVIDE AND CUT OPENINGS FOR ALL ROOFTOP, CEILING

- FLOOR, AND WALL PENETRATIONS, INCLUDING WEATHERPROOF SEALING AND FIRE PROOF LININGS PER IMC & IBC
- 3.2 GENERAL CONTRACTOR TO VERIFY PENETRATION LOCATION AND DIMENSIONS WITH ERL BEFORE FRAMING OPENINGS.
- 3.3 GENERAL CONTRACTOR TO PROVIDE ALL DEMOLITION, PATCHING, AND PAINTING AS
- REQUIRED FOR MECHANICAL WORK. 3.4 GENERAL CONTRACTOR TO PROVIDE ADEQUATE STRUCTURAL SUPPORT AS REQUIRED FOR
- MECHANICAL WORK. 3.5 GENERAL CONTRACTOR TO PROVIDE SERVICE ACCESS PER CODE TO ALL MECHANICAL
- 3.6 GENERAL CONTRACTOR TO LEVEL ALL FACTORY CURBS PROVIDED BY ERL PROVIDE ALL CANT STRIPS AND CURB INSULATION, AND SEAL AGAINST LEAKS.
- 3.7 GENERAL CONTRACTOR TO PROVIDE ALL CUTTING AND PATCHING OR T-BAR CEILING AS REQUIRED FOR HVAC INSTALLATION.
- 3.8 GENERAL CONTRACTOR TO PROTECT ALL OPENINGS THROUGH FLOORS PROVIDED FOR DUCTWORK INSTALLATION IN ACCORDANCE WITH TABLE 601 OF INTERNATIONAL BUILDING CODE, WHERE REQUIRED BY SECTION 707 OF IBC.

- 4.1 ERL TO INSTALL ALL LOW VOLTAGE CONTROL WIRING, CONDUIT WILL BE PROVIDED BY ELECTRICAL CONTRACTOR.
- 4.2 ELECTRICAL CONTRACTOR TO PROVIDE ALL ELECTRICAL CONNECTIONS,
- DISCONNECTS, AND STARTERS FOR MECHANICAL EQUIPMENT. 4.3 ELECTRICAL CONTRACTOR TO VERIFY EQUIPMENT SIZES, LOADS AND LOCATIONS, WITH ERL MECHANICAL PLAN AND WITH FIELD LOCATIONS.
- 4.4 ELECTRICAL CONTRACTOR TO INTERLOCK BATHROOM EXHAUST FANS WITH LIGHT
- 4.5 ERL TO PROVIDE 7-DAY NIGHT SETBACK, PROGRAMMABLE TYPE T-STAT WITH CAPABILITY OF 5°F DEADBAND.
- 4.6 ERL TO VERIFY FINAL LOCATION OF THERMOSTAT WITH CUSTOMER. 4.7 ELECTRICAL CONTRACTOR TO PROVIDE ELECTRICAL GCF1 OUTLET WITHIN 25 FT OF EACH PIECE OF MECHANICAL EQUIPMENT.

5.1 PLUMBING CONTRACTOR OFFSETS VENTS 10 FEET MINIMUM FROM ALL HVAC FRESH AIR INTAKES OR 3' ABOVE HIGHEST POINT OF INTAKE, IMC 401.4.1 5.2 CONDENSATE DRAINS FOR AIR HANDLERS BY PLUMBER.

ENERGY CODE COMPLIANCE

- 6.1 THE SUPPLY HEATING AND COOLING ENERGY TO EACH ZONE SHALL BE CONTROLLED BY INDIVIDUAL THERMOSTATIC CONTROLS CAPABLE OF RESPONDING TO TEMPERATURE WITHIN THE ZONE. AT MINIMUM, EACH FLOOR SHALL BE CONSIDERED A ZONE.
- 6.2 OUTDOOR AIR SUPPLY, EXHAUST OPENINGS AND RELIEF OUTLETS SHALL BE PROVIDED WITH CLASS IA MOTORIZED DAMPERS WHICH CLOSE AUTOMATICALLY WHEN THE SYSTEM IS OFF PER WSEC SECTION C403.7.8.

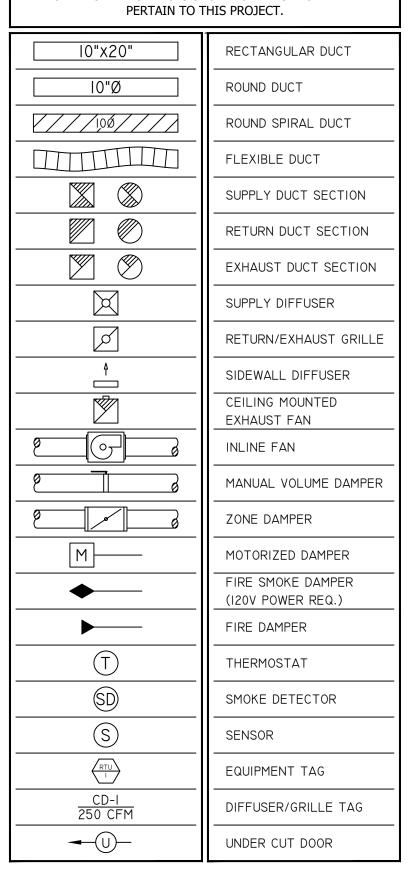
MECHANICAL CODE COMPLIANCE

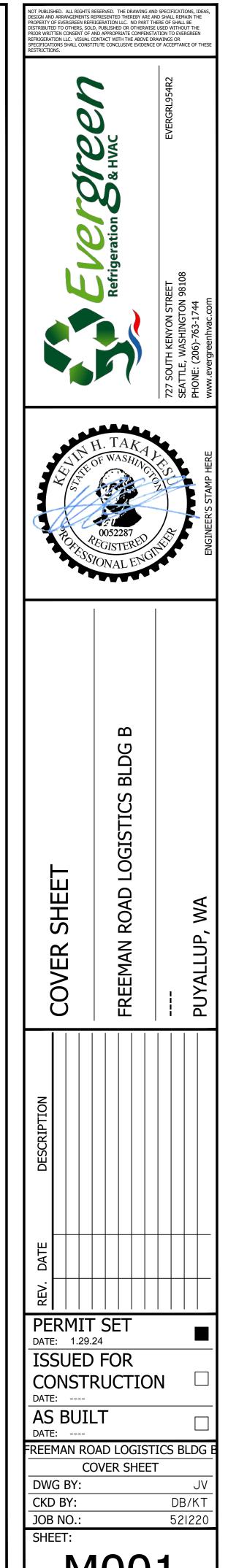
7.1 WHERE REQUIRED PROVIDE AUTOMATIC SHUTOFF ACTIVATED BY SMOKE DETECTORS IN EACH SYSTEM DELIVERING HEATING OR COOLING AIR IN EXCESS OF 2000 CFM. DETECTORS SHALL BE LOCATED IN THE MAIN RETURN AIR PER IMC 606.

WA2018

SYMBOL LEGEND

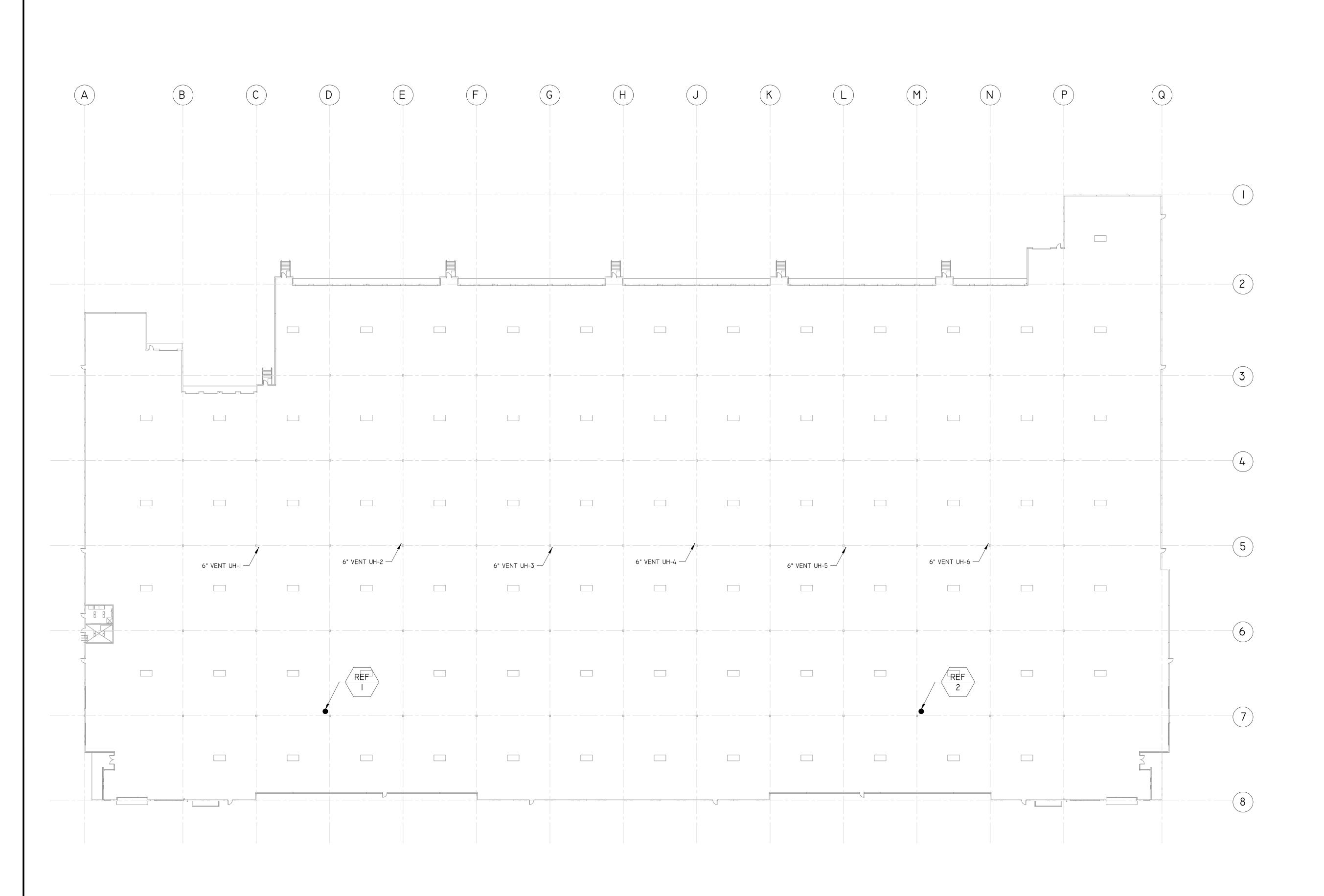
NOTE: NOT ALL SYMBOLS SHOWN ON THIS LEGEND MAY





GAS PIPING SIZED PER 2018 IFGC TABLE 402.4(5) MEDIUM PRESSURE DEVELOPED LENGTH= 750' TOTAL CFH= 2,400 MBH (6*400) Q $\overline{\mathsf{H}}$ L P K M N 5 — GAS — GAS — GAS — GAS — GAS — GAS — | | | / 4 Ø — GAS — GAS — GAS — GAS 6" VENT UH-2 — 6" VENT UH-4 -6" VENT UH-6 — 6" VENT UH-I — 6" VENT UH-3 — 6" VENT UH-5 — 6 M201 7 (EWH) 2 HVAC ENLARGED PLAN
SCALE: 1/4"=1" HVAC PLAN
SCALE: 1/32"=1'

OVERALL FLOOR PLAN FREEMAN ROAD LOGISTICS PERMIT SET
DATE: 1.29.24 ISSUED FOR CONSTRUCTION DATE: ----AS BUILT FREEMAN ROAD LOGISTICS BLDG OVERALL FLOOR PLAN DWG BY: DB/KT CKD BY: JOB NO.: 521220 SHEET:

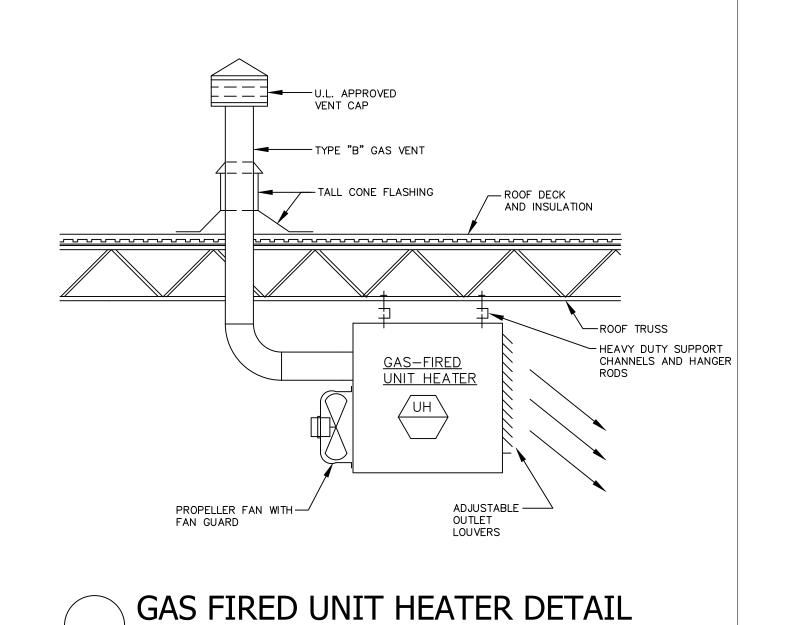


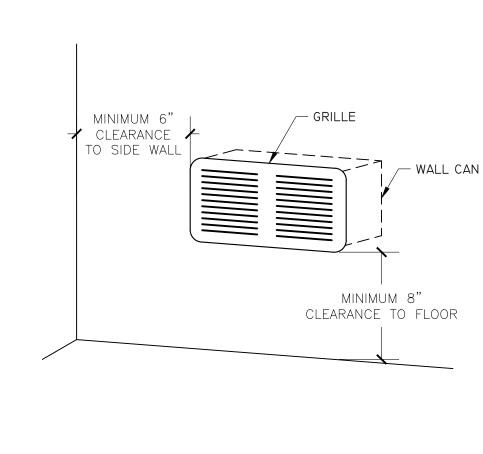
NOT PUBLISH DESIGN AND A PROPERTY OF DISTRIBUTED PRIOR WRITT SPECIFICATION RESTRICTION	ARRANGEME EVERGREEI TO OTHERS EN CONSEN ON LLC. VIS ONS SHALL C	ENTS RE N REFR S, SOLD T OF A SUAL CO	EPRESENTI IGERATIOI D, PUBLISH ND APPRO ONTACT W	ED THEF N LLC. I ED OR (PRIATE ITH THI	REBY AF NO PAR OTHER COMPE E ABOV	RE AND T THE WISE U NSTAT E DRA	SHAL RE OF ISED V ION T WINGS	L REM. SHALL VITHOI O EVEI S OR	AIN THE BE UT THE RGREEN		
	S& HVAC							EVERGRL954R2			
			Refrigeration				727 SOUTH KENYON STREET	SEATTLE, WASHINGTON 98108	PHONE: (206)-763-1744 www.evergreenhvac.com		
	TI SIS SHOPE			-					ENGINEER'S STAMP HERE		
ROOF PLAN			FREEMAN ROAD LOGISTICS BLDG B				 PUYALLUP, WA				
REV. DATE DESCRIPTION											
PERMIT SET DATE: 1.29.24 ISSUED FOR CONSTRUCTION DATE: AS BUILT DATE: FREEMAN ROAD LOGISTICS BLDG ROOF PLAN											
DWC CKD JOB SHEI	BY: NO.:								JV 3/KT 1220		

M202

1 ROOF PLAN

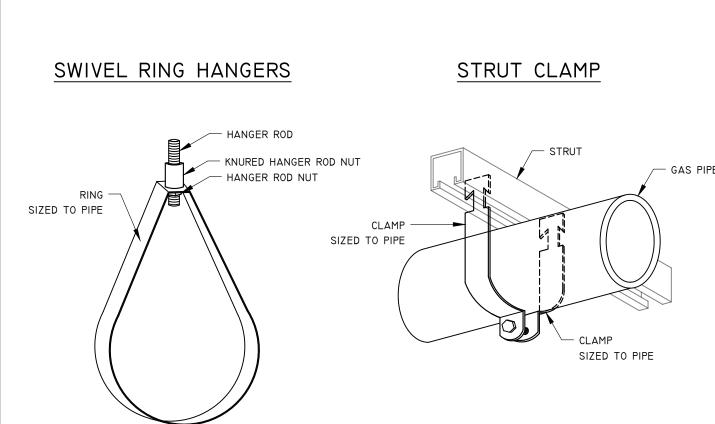
SCALE: 1/32"=1'





WALL HEATER MOUNTING DETAIL

NOT TO SCALE



NOT TO SCALE

TABLE 415.1										
SUPPORT OF PIPING										
STEEL PIPE, NOMINAL SIZE OF PIPE	SPACING OF SUPPORTS	NOMINAL SIZE OF TUBING (SMOOTH TO WALL)	SPACING OF SUPPORTS							
1/2"	6'	1/2"	4'							
3/4" OR I"	8'	5/8" OR 3/4"	6'							
I I/4" OR LARGER (HORIZONTAL)	10'	7/8" OR I" (HORIZONTAL)	8'							
I I/4" OR LARGER (VERTICAL)	EVERY FLOOR LEVEL	I" OR LARGER	EVERY FLOOR LEVEL							

IFGC SEC 407.2 DESIGN AND INSTALLATION

PIPING SHALL BE SUPPORTED WITH METAL PIPE HOOKS, METAL PIPE STRAPS, METAL BANDS, METAL BRACKETS, METAL HANGERS OR BUILDING STRUCTURAL COMPONENTS, SUITABLE FOR THE SIZE OF PIPING, OF ADEQUATE STRENGTH AND QUALITY, AND LOCATED AT INTERVALS SO AS TO PREVENT OR DAMP OUT EXCESSIVE VIBRATION. PIPING SHALL BE ANCHORED TO PREVENT UNDUE STRAINS ON CONNECTED APPLIANCES AND SHALL NOT BE SUPPORTED BY OTHER PIPING. PIPE HANGERS AND SUPPORTS SHALL CONFORM TO THE REQUIREMENTS OF MSS SP-58 AND SHALL BE SPACED IN ACCORDANCE WITH SECTION 415 (SEE ABOVE). SUPPORTS, HANGERS AND ANCHORS SHALL BE INSTALLED SO AS NOT TO INTERFERE WITH THE FREE EXPANSION AND CONTRACTION OF THE PIPING BETWEEN ANCHORS. ALL PARTS OF THE SUPPORTING EQUIPMENT SHALL BE DESIGNED AND INSTALLED SO THAT THEY WILL NOT BE DISENGAGED BY MOVEMENT OF THE SUPPORTING PIPING.



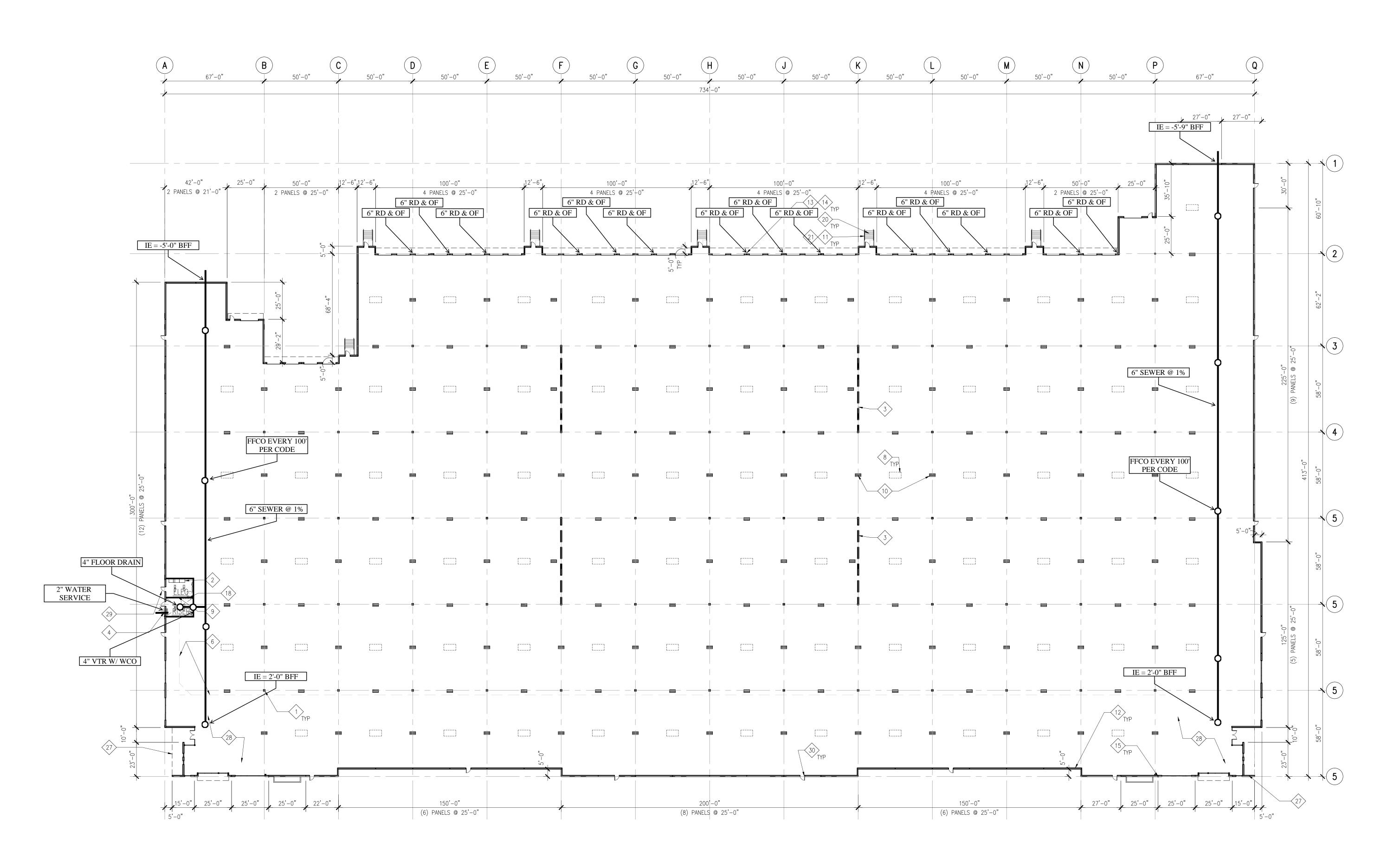
EF-I

DETAILS PERMIT SET DATE: 1.29.24 ISSUED FOR CONSTRUCTION AS BUILT FREEMAN ROAD LOGISTICS BLDG DETAILS DWG BY: DB/KT

CKD BY:

JOB NO.:

521220





REVISIONS

1/25/24

REV 1

STATE MECHANICAL CO
WATER, SEWER & ROOF DRAIN PLAN

PROJECT INFORMATION

BUILDING B

Freeman Road Logistics Puyallup, WA — 98371

SHEET INFORMATION

P-1.0

