



Contract Plans

For Construction of:

009321

SR 525

MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION

SNOHOMISH COUNTY

VOLUME 3 OF 8

F. A. NO. TIGER-WA-2017-007, CFDA 20933
F. A. NO. PSRC-WA-2017-023, CFDA 20507



**Washington State
Department of Transportation**

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/ /2017

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

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SHEET
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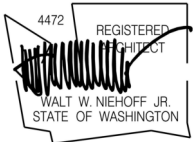
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SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
ARCHITECTURAL COVER SHEET

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A02.07	TERMINAL – LEVEL 2 – SECTOR B PLAN	A04.51	TOLL PLAZA – RESTROOM PLANS & ELEV	A06.39	TERMINAL – EXTERIOR DETAILS – ROOF	A08.13	DOOR DETAILS
A02.08	TERMINAL – LEVEL 2 – SECTOR C PLAN	A05.01	TERMINAL – EXT ELEV – OVERALL N&S	A06.40	TERMINAL – EXTERIOR DETAILS –GATES	A08.14	DOOR DETAILS
A02.11	TERMINAL – ROOF – OVERALL PLAN	A05.02	TERMINAL – EXT ELEV – OVERALL E&W	A06.41	TERMINAL – EXTERIOR DETAILS –GATES	A08.15	DOOR DETAILS
A02.12	TERMINAL – ROOF – SECTOR A PLAN	A05.03	TERMINAL – NORTH ELEV – SECTOR A	A06.42	TERMINAL – RE–ENTRY GATE DETAILS	A08.16	DOOR DETAILS
A02.13	TERMINAL – ROOF – SECTOR B PLAN	A05.04	TERMINAL – NORTH ELEV – SECTOR B	A06.50	MAINTENANCE – BUILDING SECTIONS	A08.17	DOOR DETAILS
A02.14	TERMINAL – ROOF – SECTOR C PLAN	A05.05	TERMINAL – NORTH ELEV – SECTOR C	A06.51	MAINTENANCE – BUILDING SECTIONS	A08.20	LOUVER DETAILS
A02.15	TERMINAL ROOF SECTOR D & E PLANS	A05.06	TERMINAL – SOUTH ELEV – SECTOR A	A06.52	MAINTENANCE – BUILDING SECTIONS	A08.21	LOUVER DETAILS
A02.50	TOLL PLAZA – OVERALL PLANS	A05.07	TERMINAL – SOUTH ELEV – SECTOR B	A06.53	MAINTENANCE – EXTERIOR DETAILS	A08.22	LOUVER DETAILS
A02.51	TOLL PLAZA – LEVEL 1–SECTOR F PLAN	A05.08	TERMINAL – SOUTH ELEV – SECTOR C	A06.54	MAINTENANCE – EXTERIOR DETAILS	A08.30	TERMINAL – FINISH SCHEDULE
A02.52	TOLL PLAZA – LEVEL 1–SECTOR G PLAN	A05.09	TERMINAL – EAST ELEV – SECTOR C	A06.55	MAINTENANCE – EXTERIOR DETAILS	A08.31	TERMINAL & TOLL PLAZA– FINISH SCHED
A02.55	TOLL PLAZA –ENLARGED PLANS	A05.10	TERMINAL – EAST ELEV – SECTOR D&E	A06.56	MAINTENANCE – EXTERIOR DETAILS	A08.40	TERMINAL –FLOOR DETAILS
A02.56	TOLL PLAZA – ROOF – SECTOR F PLAN	A05.11	TERMINAL – WEST ELEV – SECTOR A	A06.57	MAINTENANCE – EXTERIOR DETAILS	A08.50	TOLL PLAZA – DOOR SCHEDULE
A02.57	TOLL PLAZA – ROOF – SECTOR G PLAN	A05.12	TERMINAL – WEST ELEV – SECTOR D&E	A06.58	MAINTENANCE – EXTERIOR DETAILS	A08.60	TOLL – EXTERIOR DETAILS – DOOR
		A05.13	TERMINAL – PARTIAL ELEVATIONS	A06.59	MAINTENANCE – EXTERIOR DETAILS	Grand total: 242	
		A05.14	TERMINAL – PARTIAL ELEVATIONS	A06.60	MAINTENANCE – EXTERIOR DETAILS		
		A05.15	TERMINAL – PARTIAL ELEVATIONS	A06.61	MAINTENANCE – WINDOW DETAILS		

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt

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MAR PROJ ENGR: C. TORRES

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ASST SECRETARY: A. SCARTON

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MGREENSHIELDS

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FED.AID PROJ.NO.

WA-2017-007-00

REGION NO. 10

STATE WA

JOB NUMBER 18W121

CONTRACT NO. 00****

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REGISTERED ARCHITECT

WALT W. NIEHOFF JR.

STATE OF WASHINGTON

01/18/19

DATE



Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525

MUKILTEO FERRY TERMINAL (PHASE 2)

FERRY TERMINAL CONSTRUCTION

ARCHITECTURAL INDEX

A00.01

SHEET 840 OF 1521 SHEETS

APPLICABLE BUILDING CODES – CITY OF MUKILTEO

* 2012 EDITION OF THE INTERNATIONAL BUILDING CODE AND STANDARDS, AS PUBLISHED BY THE INTERNATIONAL CODE COUNCIL (ICC), TOGETHER WITH THE WASHINGTON STATE AMENDMENTS SET FORTH IN CHAPTER 51–50 WAC;
* 2012 EDITION OF THE INTERNATIONAL MECHANICAL CODE AND STANDARDS, AS PUBLISHED BY THE ICC, TOGETHER WITH THE WASHINGTON STATE AMENDMENTS AS SET FORTH IN CHAPTER 51–52 WAC;
* 2012 EDITION OF THE UNIFORM PLUMBING CODE AND STANDARDS, AS PUBLISHED BY THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS, TOGETHER WITH THE WASHINGTON STATE AMENDMENTS SET FORTH IN CHAPTERS 51–56AND 51–57 WAC;
* 2012 EDITION OF THE NATIONAL ELECTRICAL CODE OR AS AMENDED BY THE DEPARTMENT OF LABOR AND INDUSTRIES;
* 2012 EDITION OF THE WASHINGTON STATE ENERGY CODE (WSEC), AS SET FORTH IN CHAPTER 51–11 WAC; AND
* THE MOST RECENTLY ADOPTED WASHINGTON STATE ENERGY–RELATED BUILDING STANDARDS, CHAPTER 19.27A RCW.

INTERNATIONAL BUILDING CODE

USE AND OCCUPANCY CLASSIFICATION
(SECTION 303, 304 & 311)
ASSEMBLY GROUP A–3. ASSEMBLY USES INTENDED FOR WORSHIP, RECREATION OR AMUSEMENT AND OTHER ASSEMBLY USES NOT CLASSIFIED ELSEWHERE IN GROUP A INCLUDING, BUT NOT LIMITED TO: WAITING AREAS IN TRANSPORTATION TERMINALS.

BUSINESS GROUP B. BUSINESS GROUP B OCCUPANCY INCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR STRUCTURE, OR A PORTION THEREOF, FOR OFFICE, PROFESSIONAL OR SERVICE–TYPE TRANSACTIONS, INCLUDING STORAGE OF RECORDS AND ACCOUNTS.

STORAGE GROUP S. STORAGE GROUP S OCCUPANCY INCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR STRUCTURE, OR A PORTION THEREOF, FOR STORAGE THAT IS NOT CLASSIFIED AS A HAZARDOUS OCCUPANCY.

BUILDING HEIGHTS AND AREAS TABLE 503	TYPE IIIB
BASIC ALLOWABLE BUILDING HEIGHT	55 FEET
BASIC ALLOWABLE NO. OF FLOORS	A–3: 2 STORIES B: 3 STORIES S–1: 2 STORIES
HEIGHT INCREASE FOR AUTOMATIC SPRINKLERS (504.2)	1 ADDITIONAL STORY
TOTAL ALLOWABLE BUILDING HEIGHT	20’ ADDITIONAL HEIGHT
BASIC ALLOWABLE AREA PER FLOOR	3’ STORIES, 75 FEET A–3: 9,500 SF B: 19,000 SF S–1: 17,500 SF
AREA INCREASE FOR FRONTAGE (ASSUME ONLY NORTH ELEVATION ACCESSIBLE)	ASSUME INCREASE = 40% 40% X 9,500 = 3,800SF 40% X 19,000 = 7,600SF 40% X 17,500 = 7,000SF
AREA INCREASE FOR AUTOMATIC SPRINKLERS	200% X 9,500 = 19,000SF 200% X 19,000 = 38,000SF 200% X 17,500 = 35,000SF
TOTAL ALLOWABLE AREA PER FLOOR	A–3: 32,300SF B: 64,600SF S–1: 59,500SF
TOTAL ALLOWABLE BUILDING AREA	A–3: 32,300 X 3 = 96,900SF B: 64,600 X 4 = 258,400SF S–1: 59,500 X 3 = 178,500SF
ACTUAL BUILDING AREA (W/ACCESSORY)	A–3: 8,305SF B: 5,073SF S–1: 1,920SF
ACTUAL BUILDING HEIGHT	2 STORIES, 46’–9”

CODES SUMMARY – CONT

MIXED USE AND OCCUPANCY
REQUIRED SEPARATION (TABLE 508.4)
SEPARATION BETWEEN A & B – 1 HOUR WHEN SPRINKLERED
SEPARATION BETWEEN B & S – NO SEPARATION REQUIREMENT

FIRE RESISTANCE REQUIREMENTS
(SECTION 602, TABLE 601, TABLE 602 AND TABLE 705.8)

BUILDING ELEMENT	FIRE RESISTANCE RATING FOR CONSTR. TYPE IIIB
STRUCTURAL FRAME:	0 HOURS
BEARING WALLS – EXTERIOR:	2 HOURS
BEARING WALLS – INTERIOR:	0 HOURS
NONBEARING WALLS/PARTITIONS – EXTERIOR:	0 HOUR IF >30’ FIRE SEPARATION
NONBEARING WALLS/PARTITIONS – INTERIOR:	0 HOUR
OPENINGS IN EXTERIOR WALLS:	UNLIMITED IF >20’ FIRE SEPARATION
	DISTANCE (UP, S)
FLOORS (INCLUDING BEAMS & JOISTS):	0 HOURS
ROOFS (INCLUDING BEAMS & JOISTS):	0 HOURS

MEANS OF EGRESS
OCCUPANT LOAD AND NUMBER OF EXITS REQUIRED:
OCCUPANT LOAD FACTORS: ASSEMBLY – UNCONCENTRATED: 15 NET (TABLE 1004.1.2)BUSINESS AREAS 100 GROSS

1004.2: INCREASE IN OCCUPANCY LOAD PERMITTED – NOT TO EXCEED ONE OCCUPANT PER 7 SF.

TABLE 1005.3.1 & .2: EGRESS WIDTHS PER OCCUPANT WITH SPRINKLERS:
STAIRWAYS 0.2” / OCCUPANT WHEN SPRINKLERED & W/ VOICE/ALARM COMMUNICATION SYSTEM
OTHER EGRESS 0.15” / OCCUPANT WHEN SPRINKLERED & W/ VOICE/ALARM COMMUNICATION SYSTEM

1005.7.1: DOORS, WHEN FULLY OPENED, SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 7 INCHES (178 MM). DOORS IN ANY POSITION SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN ONE–HALF.

STAIRWAYS AS AN ACCESSIBLE MEANS OF EGRESS (1007.3) 48” CLEAR BETWEEN HANDRAILS AND ONE AREA OF REFUGE AT EACH FLOOR LEVEL LANDING OF EACH REQUIRED EXIT STAIR. HOWEVER, THESE REQUIREMENTS DO NOT APPLY IF THE BUILDING IS FULLY SPRINKLERED (EXCEPTIONS 1 & 2)

COMMON PATH OF TRAVEL (1014.3) 100 FEET FOR GROUP B OCCUPANCIES; 75 FEET FOR A–3 OCCUPANCIES.

EXIT ACCESS TRAVEL (TABLE 1016.2) 300 FEET FOR GROUP B OCCUPANCIES; 250 FEET FOR A–3 OCCUPANCIES.

CORRIDORS WALLS (TABLE 1018.1) NON–RATED IN SPRINKLERED BUILDING.

DEAD ENDS (1018.4) 50–FOOT LONG DEAD END CORRIDOR MAXIMUM IN GROUP B; 20–FOOT LONG DEAD END CORRIDOR MAXIMUM IN GROUP A–3, OR 2.5 X THE WIDTH OF THE CORRIDOR (EXCEPTION 3).

EXIT CAPACITIES
CONSIDER FLOOR WITH GREATEST POTENTIAL OCCUPANCY – LEVEL 2
DOORS
LEVEL 2 REQUIRED – 196 OCCUPANTS @ .15” PER OCCUPANT–30”
LEVEL 2 PROVIDED – 324” OR 2,160 OCCUPANTS

STAIRS:
LEVEL 2 REQUIRED – 556 OCCUPANTS @ .20” PER OCCUPANT – 111”
LEVEL 2 PROVIDED – 182” OR 910 OCCUPANTS

CODES SUMMARY – CONT

OTHER EXITING REQUIREMENTS
DEFINITION (202): FLOOR AREA, GROSS. THE FLOOR AREA WITHIN THE INSIDE PERIMETER OF THE EXTERIOR WALLS OF THE BUILDING UNDER CONSIDERATION, EXCLUSIVE OF VENT SHAFTS AND COURTS, WITHOUT DEDUCTION FOR CORRIDORS, STAIRWAYS, CLOSETS, THE THICKNESS OF INTERIOR WALLS, COLUMNS OR OTHER FEATURES. THE FLOOR AREA OF A BUILDING, OR PORTION THEREOF, NOT PROVIDED WITH SURROUNDING EXTERIOR WALLS SHALL BE THE USABLE AREA UNDER THE HORIZONTAL PROJECTION OF THE ROOF OR FLOOR ABOVE. THE GROSS FLOOR AREA SHALL NOT INCLUDE SHAFTS WITH NO OPENINGS OR INTERIOR COURTS.

DEFINITION (202): FLOOR AREA, NET. THE ACTUAL OCCUPIED AREA NOT INCLUDING UNOCCUPIED ACCESSORY AREAS SUCH AS CORRIDORS, STAIRWAYS, TOILET ROOMS, MECHANICAL ROOMS AND CLOSETS.

1004.3: ROOMS USED FOR ASSEMBLY PURPOSES MUST HAVE THE CAPACITY OF THE ROOM POSTED.

1006.1: EXIT LIGHTING REQUIRED.

1009.16: STAIRWAY TO ROOF, NOT REQUIRED FOR BUILDINGS UNDER 4 STORIES.

1014.2: EXITS CANNOT PASS THROUGH ADJOINING INTERVENING ROOMS UNLESS THEY ARE AN ACCESSORY USE TO THE AREA SERVED AND ARE NOT STORAGE AREAS.

1014.3: COMMON PATH OF EGRESS TRAVEL, THAT PORTION OF EXIT ACCESS [PORTION OF A MEANS OF EGRESS SYSTEM THAT LEADS FROM AN OCCUPIED PORTION OF A BUILDING TO AN EXIT] WHICH THE OCCUPANTS ARE REQUIRED TO TRAVERSE BEFORE TWO SEPARATE AND DISTINCT PATHS OF EGRESS TRAVEL TO EXITS ARE AVAILABLE, IS NOT TO EXCEED 100’ (PER EXCEPTION A W/ SPRINKLERS) IN GROUP B OCCUPANCIES AND 75’ IN GROUP A–3 OCCUPANCIES. (PER EXCEPTION A W/ SPRINKLERS)

1015.2.1: WHERE 2 OR MORE EXITS ARE REQUIRED, AT LEAST TWO EXITS SHALL BE SPACED NOT LESS THAN 1/3 (EXC 2) OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE LEVEL OR SPACE THEY SERVE, MEASURED IN A STRAIGHT LINE BETWEEN EXIT DOORS.

TABLE 1016.2: EXIT ACCESS TRAVEL DISTANCE – 300 FT. FOR B OCCUPANCY; 250 FT. FOR A–3 OCCUPANCY, MAXIMUM FROM ANY POINT WITHIN OCCUPIED PORTIONS OF THE EXIT ACCESS TO THE DOOR OF THE NEAREST EXIT IN SPRINKLERED BUILDING.

1018.5.1: AREA ABOVE CORRIDOR CEILING AND BELOW STRUCTURE CAN BE USED AS AIR PLENUM SINCE CORRIDORS ARE NOT REQUIRED TO BE RATED (EXC 1).

1018.6 EXCEPTION: FOYERS, LOBBIES, AND RECEPTION ROOMS CONSTRUCTED AS REQUIRED FOR CORRIDORS SHALL NOT BE CONSTRUED AS INTERVENING ROOMS.

EXTERIOR STAIRS
1026.2: FOR OCCUPANCIES IN OTHER THAN GROUP I–2, EXTERIOR EXIT STAIRWAYS AND RAMPS SHALL BE PERMITTED AS AN ELEMENT OF A REQUIRED MEANS OF EGRESS FOR BUILDINGS NOT EXCEEDING SIX STORIES ABOVE GRADE PLANE OR WHICH ARE NOT HIGH–RISE BUILDINGS.

1026.5: LOCATION. EXTERIOR EXIT STAIRWAYS AND RAMPS SHALL HAVE A MINIMUM FIRE SEPARATION DISTANCE OF 10 FEET (3048 MM) MEASURED FROM THE EXTERIOR EDGE OF THE STAIRWAY OR RAMP, INCLUDING LANDINGS, TO ADJACENT LOT LINES AND FROM OTHER BUILDINGS ON THE SAME LOT UNLESS THE ADJACENT BUILDING EXTERIOR WALLS AND OPENINGS ARE PROTECTED IN ACCORDANCE WITH SECTION 705 BASED ON FIRE SEPARATION DISTANCE.

CODES SUMMARY – CONT

1026.6: EXTERIOR STAIRWAY AND RAMP PROTECTION. EXTERIOR EXIT STAIRWAYS AND RAMPS SHALL BE SEPARATED FROM THE INTERIOR OF THE BUILDING AS REQUIRED IN SECTION 1022.2. OPENINGS SHALL BE LIMITED TO THOSE NECESSARY FOR EGRESS FROM NORMALLY OCCUPIED SPACES. EXCEPTIONS: 1. SEPARATION FROM THE INTERIOR OF THE BUILDING IS NOT REQUIRED FOR OCCUPANCIES, OTHER THAN THOSE IN GROUP R–1 OR R–2, IN BUILDINGS THAT ARE NO MORE THAN TWO STORIES ABOVE GRADE PLANE WHERE A LEVEL OF EXIT DISCHARGE SERVING SUCH OCCUPANCIES IS THE FIRST STORY ABOVE GRADE PLANE.

ACCESSIBILITY
1101.2: PER WA STATE AMENDMENTS, BUILDINGS AND FACILITIES SHALL BE DESIGNED AND CONSTRUCTED TO BE ACCESSIBLE IN ACCORDANCE WITH IBC 2012 AND ICC A117.1, 2009 – EXCEPT FOR THOSE PORTIONS OF ICC A117.1 MODIFIED BY THE STATE AMENDMENTS.

IBC
1105.1: AT LEAST 60% OF ALL PUBLIC ENTRANCES SHALL BE ACCESSIBLE.

ICC A117.1 – 2009
402.3 REVOLVING DOORS, REVOLVING GATES, AND TURNSTILES SHALL NOT BE PART OF AN ACCESSIBLE ROUTE.

WASHINGTON STATE BUILDING CODE CH 50–51 WAC, IBC 2012 EDITION, AMENDMENTS 1101.2.4
407.4.6.2.2: ARRANGEMENT OF ELEVATOR CAR BUTTONS IS NOT ADOPTED PER WA STATE AMENDMENTS.

707.2 CLEAR FLOOR SPACE IS REQUIRED IN FRONT OF AUTOMATIC FARE MACHINES.

903.1: ACCESSIBLE BENCHES MUST COMPLY WITH SECTION REQUIREMENTS.

904: ACCESSIBLE SALES & SERVICE COUNTERS MUST COMPLY WITH SECTION REQUIREMENTS.

1105: FISHING PIERS AND PLATFORM MUST COMPLY WITH SECTION REQUIREMENTS (ROUTES, RAILINGS, CURBS CLEAR AREA)

MISCELLANEOUS REQUIREMENTS
905.3.1: STANDPIPES ARE NOT REQUIRED.

906.1 PORTABLE FIRE EXTINGUISHERS ARE REQUIRED – REFERENCE IFC TABLE 906.3 – ORDINARY HAZARD OCCUPANCY: MINIMUM RATED SINGLE EXTINGUISHER 2–A; MAXIMUM FLOOR AREA PER UNIT OF A – 1,500SF; MAXIMUM FLOOR AREA FOR EXTINGUISHER – 11,250SF; MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER – 75’.



1509.5 TOWERS, SPIRES, DOMES AND CUPOLAS. TOWERS, SPIRES, DOMES AND CUPOLAS SHALL BE OF A TYPE OF CONSTRUCTION HAVING FIRE–RESISTANCE RATINGS NOT LESS THAN REQUIRED FOR THE BUILDING ON TOP OF WHICH SUCH TOWER, SPIRE, DOME OR CUPOLA IS BUILT. TOWERS, SPIRES, DOMES AND CUPOLAS GREATER THAN 85 FEET (25 908 MM) IN HEIGHT ABOVE GRADE PLANE AS MEASURED TO THE HIGHEST POINT ON SUCH STRUCTURES, AND EITHER GREATER THAN 200 SQUARE FEET (18.6 M2) IN HORIZONTAL AREA OR USED FOR ANY PURPOSE OTHER THAN A BELFRY OR AN ARCHITECTURAL EMBELLISHMENT, SHALL BE CONSTRUCTED OF AND SUPPORTED ON TYPE I OR II CONSTRUCTION.

ROOF MOUNTED MONOPOLE COMMUNICATION TOWER – SEE SPECIFICATION SECTION 13 51 03 IS 65’–0” ABOVE GRADE PLANE – NO TYPE I OR TYPE II CONSTRUCTION REQUIRED.

SEE A00.02 FOR CODE SUMMARY CONTINUATION.

NOTE: 2012 CODES ARE APPLICABLE TO
TERMINAL AND MAINTENANCE BUILDINGS–SEE
ARCHITECTURAL SITE PLAN, [A00.31](#)

LMN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft–CENTRAL_90%.rvt								SR 525 MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION	2012 CODE SUMMARY	A00.02 SHEET 841 OF 1521 SHEETS
PRINTED: 1/16/2019 1:53:04 PM	LAST PRINTED BY: MGREENSHIELDS				FED.AID PROJ.NO. WA–2017–007–00					
SUBMITTAL DATE: 01/18/2019					REGION NO. 10 STATE WA	01/18/19 DATE				
DESIGNED BY: H. FITZPATRICK	01/18/2019				JOB NUMBER 18W121					
ENTERED BY: G. BISHOP	01/18/2019				CONTRACT NO. 00****	DATE				
CHECKED BY: M. FISHER	01/18/2019									
MAR PROJ ENGR: C. TORRES						DATE				
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19							
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY						

CODE SUMMARY — CONT

PLUMBING FIXTURE REQUIREMENTS

BASED ON WA STATE AMENDMENTS CHAPTER 51–50 WAC, TABLE 2902.1 – MINIMUM PLUMBING FIXTURES

OCCUPANCY	DESCRIPTION	WATERCLOSETS		LAVATORIES	
		MALE	FEMALE	MALE/FEMALE	
A–3	PASSENGER TERMINALS AND TRANSPORTATION FACILITIES	1 PER 500	1 PER 500	1 PER 500	
B	BUSINESS	1 PER 25 FOR FIRST 50 AND 1 PER 50 FOR REMAINDER EXCEEDING 50		1 PER 40 FOR FIRST 80 AND 1 PER 80 FOR REMAINDER EXCEEDING 80	
S–1	STORAGE	1 PER 100		1 PER 100	

OCCUPANT LOAD FOR PLUMBING FIXTURE COUNT
TERMINAL

LEVEL 1 (B) – 5,073 GSF/100 GSF PER OCCUPANT – 51 OCCUPANTS
LEVEL 1 (S–1) – 1,920 GSF/100 GSF PER OCCUPANT – 20 OCCUPANTS
LEVEL 2 (A–3) – 8,305 NSF/15 NSF PER OCCUPANT – 554 OCCUPANTS
LEVEL 2 (B) – 130 GSF/100 GSF PER OCCUPANT – 2 OCCUPANTS

TERMINAL AND MAINTENANCE BUILDING

PROVIDED (REQUIRED)	WATERCLOSETS		LAVATORIES	
	MALE	FEMALE	MALE	FEMALE
LEVEL 1	4 (2)	4 (2)	3 (2)	3(2)
LEVEL 2	4 (2)	5 (2)	2 (1)	3(1)

2902.1.1: PLUMBING FACILITIES TO BE DISTRIBUTED EQUALLY, 50% MALE / 50% FEMALE.

2902.5.1: 1 DRINKING FOUNTAIN REQUIRED FOR FIRST 150 OCCUPANTS, 1 FOR EACH ADDITIONAL 500 OCCUPANTS
*DRINKING FOUNTAINS PER 1109.5, 50% TO BE ACCESSIBLE, AT LEAST ONE TO BE MOUNTED AT STANDARD HEIGHT.

ELEVATORS

3002.4: ELEVATOR TO ACCOMMODATE AMBULANCE STRETCHER IS NOT REQUIRED, BUILDING IS LESS THAN FOUR STORIES.

3004.1: HOISTWAY VENTS ARE NOT REQUIRED – LESS THAN THREE STORIES.

3006.4: ELEVATOR MACHINE ROOMS SHALL BE ENCLOSED WITH CONSTRUCTION HAVING A FIRE–RESISTIVE RATING NOT LESS THAN THE REQUIRED RATING OF THE HOISTWAY ENCLOSURE SERVED BY THE MACHINERY. OPENINGS NEED THE SAME PROTECTION AS HOISTWAY DOORS.

WASHINGTON STATE ENERGY CODE

C301.1: CLIMATE ZONE – 4C (MARINE), SNOHOMISH

TABLE C402.2: OPAQUE THERMAL ENVELOPE ASSEMBLY REQUIREMENTS

CONSTRUCTION	R–VALUE
ROOFS	
INSULATION ENTIRELY ABOVE DECK	R–30CI
ATTIC AND OTHER	R–49
WALLS, ABOVE GRADE	
MASS	R–9.5CI
STEEL FRAMED	R–13 + R–10CI
WALLS, BELOW GRADE	
BELOW GRADE WALL	SAME AS ABOVE GRADE
FLOOR	
MASS	R–30CI
JOIST FRAMING	R–30
SLAB–ON–GRADE FLOORS	
UNHEATED SLABS	R–10 FOR 24” BELOW
HEATED SLABS	R–10 PERIMETER & UNDER ENTIRE SLAB
OPAQUE DOORS	
SWINGING (<50% GLASS AREA)	U–0.37
ROLL UP OR SLIDING	R–4.75
SEE A00.60, 61, 62, 65, 66, 67, 68, 70 & 71 FOR EXTERIOR THERMAL ASSEMBLY DETAILS	

C402.3: BUILDING FENESTRATION ENVELOPE REQUIREMENTS.

COMPONENT	U–FACTOR
NONMETAL FRAMING	0.30
METAL FRAMING (FIXED)	0.38
METAL FRAMING (OPERABLE)	0.40
METAL FRAMING (ENTRANCE DOORS)	.60
	SHGC
ALL FENESTRATION	.40

SEE A00.50 FOR TERMINAL FENESTRATION DIAGRAMS

C402.3.1.1: VERTICAL FENESTRATION AREA CANNOT EXCEED 40% OF THE GROSS ABOVE–GRADE WALL AREA PROVIDED:

1. NO LESS THAN 50% OF THE CONDITIONED AREA IS WITHIN A DAYLIGHT ZONE
2. AUTOMATIC DAYLIGHTING CONTROLS ARE INSTALLED IN DAYLIGHT ZONES
3. VISIBLE TRANSMITTANCE OF VERTICAL FENESTRATION IS GREATER THAN OR EQUAL TO 1.1 TIMES SHGC

C402.4.1.2.1: AIR BARRIER IS REQUIRED – AIR PERMEABILITY NO GREATER THAN 0.004 CFM/FT2 – ASTM E 2178

C402.4.7: VESTIBULES ARE NOT REQUIRED PER EXCEPTION 7 – BUILDING LESS THAN 10,000 SF IN AREA AND LESS THAN FOUR STORIES ABOVE GRADE

END

RFI 207 - Operable Window Performance

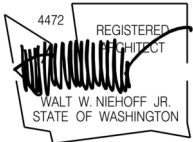
A U-value of 0.50 for the operable windows will not meet the 2012 energy code requirements and is therefore not acceptable. Please inquire with the window manufacturer regarding options to improve performance. Wausau 4250-Z Zero Sightline might provide better performance. (LMN)
Mette Greenshields (LMN) 06/20/2019

NOTE: 2012 CODES ARE APPLICABLE TO TERMINAL BUILDING AND MAINTENANCE BUILDING – SEE ARCHITECTURAL SITE PLAN, A00.31

LMN

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PRINTED: 1/16/2019 1:53:05 PM	LAST PRINTED BY:				FED.AID PROJ.NO.
SUBMITTAL DATE: 01/18/2019	MGREENSHIELDS				WA-2017-007-00
DESIGNED BY: H. FITZPATRICK	01/18/2019				REGION NO. STATE
ENTERED BY: G. BISHOP	01/18/2019				10 WA
CHECKED BY: M. FISHER	01/18/2019				JOB NUMBER
MAR PROJ ENGR: C. TORRES					18W121
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19		CONTRACT NO.
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY	00****

DATE



01/18/19
DATE



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
2012 CODE SUMMARY–CONTINUED

A00.03
SHEET
842
OF
1521
SHEETS

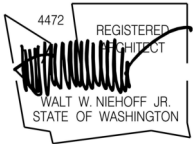
NOTE: ABBREVIATIONS NOTED IN THE DRAWINGS THAT ARE FOLLOWED BY A MODIFIER, SUCH AS "–1", "–A", ETC., ARE FURTHER DEFINED IN THE SPECIFICATION SECTION ASSOCIATED WITH THE MATERIAL OR SYSTEM ASSEMBLY SO NOTED.

AB	ANCHOR BOLT, AIR BARRIER	BUT	BUILT–UP STRUCTURAL T MEMBER	CTG	COATING	EXPO	EXPOSED	FXTR	FIXTURE	HYDR	HYDRAULIC	MATL	MATERIAL
ABV	ABOVE			CTR	CENTER	EXT	EXTERIOR					MAX	MAXIMUM
AC	AIR CONDITIONING			CTRL	CONTROL	EXTR	EXTRUDED (SION)	G	GIRDER	IBC	INTERNATIONAL BUILDING CODE	MB	MACHINE BOLT
ACIP–#	ARCHITECTURAL CAST IN PLACE CONCRETE	C	CHANNEL STEEL MEMBER	CURT	CURTAIN	FA	FIRE ALARM	GA	GAUGE	ID	INSIDE DIAMETER	MBR	MASTER BEDROOM
ACOUS	ACOUSTICAL	C&G	CURB AND GUTTER	CW–#	CURTAINWALL, COLD WATER. CLOCKWISE	GAL	GALLON	GALV	GALVANIZED	IN	INCH(ES)	MC	MISC. CHANNEL STEEL MEMBER
ACS	ACCESS	CA–#	CEILING ASSEMBLY – #			GB	GRAB BAR	GALV	GALVANIZED	INCL	INCLUDE(D) (ING), INCLUSIVE, INCLINED	MD	METAL DECK
ACT	ACOUSTIC CEILING TILE	CAB	CABINET			GB	GRAB BAR	GC	GENERAL CONTRACTOR	INSUL–#	INSULATION	MDF	MEDIUM DENSITY FIBERBOARD
AD	AREA DRAIN, ACCESS DOOR	CAN	CANOPY	D	DEPTH	FACIL	FACILITY	GDR–#	GUARDRAIL (ING)	INT	INTERIOR	MDO	MEDIUM DENSITY OVERLAY
ADA	AMERICANS WITH DISABILITIES ACT	CATW	CATWALK	d	PENNY	FACP	FIRE ALARM CONTROL PANEL	GEN	GENERATOR, GENERAL	INTM	INTERMEDIATE	MECH	MECHANICAL
		CB	CATCH BASIN, CORNER BEAD	DAV	DAVIT	FAPB	FIRE ALARM PULL BOX	GFRC	GLASS FIBER REINFORCED CONCRETE	INTUM	INTUMESCENT	MED	MEDIUM, MEDICINE, MEDICAL
ADH	ADHESIVE	CBB	CEMENT BACKER BOARD	DBL	DOUBLE	FB	FLAT BAR	GFRG	GLASS FIBER REINFORCED GYPSUM	INV	INVERT	MEMB	MEMBRANE
ADJ	ADJUSTABLE	CC	CENTER TO CENTER	DECO	DECORATIVE	FBG	FIBERGLASS			ISOL	ISOLATION	MEZZ	MEZZANINE
ADJC	ADJACENT	CEM	CEMENT	DEG	DEGREE(S)	TS–#	FIBERGLASS THERMAL SPACER	GFRP	GLASS FIBER REINFORCED PLASTER	JAN	JANITOR	MFR	MANUFACTURER
AESS	ARCHITECTURALLY EXPOSED STEEL	CER	CERAMIC	DEMO	DEMOLITION	FCP	FABRIC CEILING PANEL(S)	GL–#	GLASS	JC	JANITOR'S CLOSET	MGR	MANAGER
		CFLG	COUNTER FLASHING	DEPT	DEPARTMENT	FD	FLOOR DRAIN, FIRE DAMPER	GLB	GLUE–LAM BEAM	JT	JOINT	MH	MANHOLE
AFCS	ACOUSTIC FABRIC CEILING SYSTEM	CG	CORNER GUARD	DET	DETAIL	FDC	FIRE DEPARTMENT CONNECTION	GLP	GLASS PARTITION			MIN	MINIMUM, MINUTE (S)
		CHFR	CHAMFER	DF	DRINKING FOUNTAIN	FDN	FOUNDATION	GLZ	GLAZING (ED)	K	1000 POUNDS (KIP)	MIR	MIRROR
AFF	ABOVE FINISH FLOOR	CHKR	CHECKER	DFLCT	DEFLECTION	FDR	FIRE DOOR	GND	GROUND	KB	KEY BOX	MISC	MISCELLANEOUS
AGGR	AGGREGATE	CHR	CHAIR, CHAIR RAILING	DIA	DIAMETER	FE	FIRE EXTINGUISHER	GP	GRAFFITI PROTECTION	KD	KNOCK DOWN	MK	MASTER KEYED, MARK
AHR	ANCHOR	CI	CAST IRON	DIAG	DIAGONAL	FEC–#	FIRE EXTINGUISHER CABINET	GR	GRADE (ING), GROUND	KO	KNOCK OUT	MLDG	MOULDING
AICS	ACOUSTIC ISOLATED CEILING SYSTEM	CIP–#	CAST–IN–PLACE	DIFF	DIFFUSER	FF	FINISHED FLOOR	GPC	GYPSUM PLASTER CEILING	KPL	KICKPLATE	MMC	METAL MESH CEILING
		CJ	CONSTRUCTION JOINT	DIM	DIMENSION	FGW	FOLDING GLASS WALL	GRL	GRILLE	KSI	KIP'S PER SQUARE INCH	MO	MASONRY OPENING
AL	ALUMINUM	CL	CENTERLINE	DIR	DIRECT	FHC	FIRE HOSE CABINET	GRTG–#	GRATING	KW	KILOWATTS	MOD	MODIFY, MODIFIED
ALT	ALTERNATE, ALTERNATING	CLG–#	CEILING	DISP	DISPENSER	FHMS	FLAT HEAD MACHINE SCREW	GT	GROUT	KWY	KEYWAY	MOR	MORTAR: 04, 09
AMPC	ACOUSTICAL METAL PANEL CEILINGS	CLJ	CONTROL JOINT	DK	DECK	FHWS	FLAT HEAD WOOD SCREW	GWB–#	GYPSUM WALL BOARD	L	ANGLE STEEL MEMBER	MP	METAL PANEL
		CLKG	CAULKING	DMPF	DAMPPROOFING	FIN	FINISH	GYP	GYPSUM	LAB	LABORATORY	MPC–#	METAL PANEL CEILING
ANOD	ANODIZED	CLOS	CLOSURE	DN	DOWN	FIO	FURNISHED & INSTALLED BY OWNER			LAD	LADDER	MTD	MOUNTED
AP	ACCESS PANEL	CLP	CROSS LAMINATED PANELS	DO	DITTO	FLASH	FLASHING	H	HIGH	LAM	LAMINATE (TION)	MTL	METAL
APC–#	ACOUSTICAL PANEL CEILING	CLR	CLEAR, COLOR(ED)	DR	DOOR	FLDG	FOLDING	HB	HOSE BIB	LAV	LAVATORY	MTL	METAL LADDER
APCC	ARCHITECTURAL PRECAST CONCRETE	CLT	CROSS LAMINATED TIMBER	DS	DOWNSPOUT, DOUBLE STRENGTH	FLEX	FLEXIBLE	HC	DISABLED, HOLLOW CORE	LB	POUND(S)	LAD–#	
		CMP	CORRUGATED METAL PIPE	DSP	DRY STANDPIPE	FLG	FLANGE	HD	HEAD, HEAVY DUTY	LBL	LABEL	MTLP–#	METAL PANEL
APPROX	APPROXIMATE	CMPST	COMPOSITE	DWG	DRAWING	FLR	FLOOR(ING), FILLER	HDBD	HARDBOARD	LDG	LANDING	MTLR	METAL ROOF
ARCH	ARCHITECTURAL (TECT)	CMU	CONCRETE MASONRY UNIT	DWL	DOWEL	FLT	FLOATING	HDO	HIGH DENSITY OVERLAY	LF	LINEAR FEET	MULL	MULLION
ASPH	ASPHALT	CNTR	COUNTER (TOP)	DWR	DRAWER	FLTR	FILTER	HDR	HEADER	LG	LONG/LENGTH		
ATD	ABOVE TRESTLE DATUM	CO	CLEAN OUT, CONCRETE OPENING	E	EAST	FLUOR	FLUORESCENT	HDW	HARDWARE	LH	LEFT HAND	N	NORTH
AV	AUDIO VISUAL	COL	COLUMN	EA	EACH	FM	FACTORY MUTUAL	HDWD	HARDWOOD	LIN	LINEAL	NC	NOISE CRITERIA
AVG	AVERAGE	COM	COMMUNICATOR	EB	EXPANSION BOLT	FND	FOUNDATION	HEX	HEXAGONAL	LINO	LINOLEUM	NIC	NOT IN CONTRACT
AWCP	ACOUSTIC WOOD CEILING PANEL	COMPACT	COMPACTOR	EF	EACH FACE	FOC	FACE OF CONCRETE	HGR	HANGER	LKR	LOCKER	NO or #	NUMBER
		CONC	CONCRETE	EJ	EXPANSION JOINT	FOF	FACE OF FINISH	HLB	HORIZONTAL LOUVER BLIND	LL	LIVE LOAD	NOM	NOMINAL
AWWP	ACOUSTIC WOOD WALL PANEL	CONC–S#	CONCRETE SEALER	EJC	EXPANSION JOINT COVER	FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR	HM	HOLLOW METAL	LLH	LONG LEG HORIZONTAL	NS	NONSLIP
		CONF	CONFERENCE	EL	ELEVATION			HNDRL–#	HANDRAIL	LLV	LONG LEG VERTICAL	NTS	NOT TO SCALE
B & B	BOARD & BATTEN	CONN	CONNECT (ION)	ELAST	ELASTOMERIC	FOM	FACE OF MASONRY	HO	HOLD–OPEN	LMPC–#	LINEAR METAL PANEL CEILING	OA	OVERALL
BC	BOTTOM OF CURB	CONSTR	CONSTRUCTION	ELEC	ELECTRIC (AL)	FOS	FACE OF STUDS	HORIZ	HORIZONTAL	LNTL	LINTEL	OC	ON CENTER
BCD–#	BIRD CONTROL DEVICE	CONT	CONTINUOUS	ELEV–#	ELEVATOR	FP	FLAG POLE	HPC–#	HIGH PERFORMANCE COATING	LP	LIGHTNING PROTECTION	OD	OVERFLOW DRAIN, OUTSIDE DIAMETER, OUTSIDE DIMENSION
BD	BOARD	CONTR	CONTRACT(OR)	EMER	EMERGENCY	FPRF	FIREPROOF (ING)	HPT	HIGH POINT	LPT	LOW POINT	OFF	OFFICE
BETW	BETWEEN	COORD	COORDINATE	ENAM	ENAMEL	FR	FRAME (ING)	HR	HOUR	LR	LIVING ROOM		
BITUM	BITUMINOUS	COP	COPING	ENCL	ENCLOSURE	FRP	FIBER REINFORCED PANEL	HSS	HOLLOW STRUCTURAL SECTION	LSL	LAMINATED STRAND LUMBER	OH	OPPOSITE HAND
BK	BLACKENED	CORR	CORRIDOR	ENGR	ENGINEER	FRT	FIRE RETARDANT TREATED (INTERIOR), FREIGHT	HT	HEIGHT	LT	LIGHT	OHCCD	OVERHEAD COUNTER DOOR
BKG	BACKING	CPRS	COMPRESSIBLE	ENTR	ENTRANCE	FRX	FIRE RETARDANT TREATED (EXTERIOR)	HTG	HEATING	LTG	LIGHTING	OHCD	OVERHEAD COILING DOOR
BLDG	BUILDING	CPT	CARPET	EP	ELECTRICAL PANEL	FS	FIRE SPRINKLER	HTR	HEATER	LVR–#	LOUVER	OHCG	OVERHEAD COILING GRILLE
BLK	BLOCK(ING)	CPTT–#	CARPET TILE	EQ	EQUAL	FT	FOOT OR FEET	HVAC	HEATING/VENTILATION/AIR CONDITIONING	LWC	LIGHTWEIGHT CONCRETE	OHCS	OVERHEAD COILING SHUTTER
BLW	BELOW	CRS	COLD ROLLED STEEL, COURSE	EQUIP	EQUIPMENT	FTG	FOOTING					OP	OPERABLE PARTITION
BO	BOTTOM OF	CSK	COUNTERSUNK (SINK)	ESCAL	ESCALATOR	FURG	FURRING	HVLS	HIGH VOLUME LOW SPEED	M	MEN'S RESTROOM	OPNG	OPENING
BOT	BOTTOM	CSWK	CASEWORK	EW	EACH WAY	FURN	FURNITURE, FURNISH	HW	HOT WATER	MAG	MAGNET(IC)	OPP	OPPOSITE
BRCG	BRACING	CT–#	CERAMIC TILE	EXH	EXHAUST	FUT	FUTURE	HWY	HIGHWAY	MAINT	MAINTENANCE	OPR	OPERATOR
BRG	BEARING	CTB–#	CERAMIC TILE BASE	EXIST	EXISTING	FXT	FIRE RETARDANT TREATED (EXTERIOR)	HYD	HYDRANT	MAS	MASONRY	ORD	OVERFLOW ROOF DRAIN
BRKT	BRACKET	CTF–#	CERAMIC TILE FLOOR	EXP	EXPANSION, EXPANDED							OTS	OPEN TO STRUCTURE
BT	BOLT											OVHD	OVERHEAD
BUR	BUILT–UP ROOFING												

SEE [A00.07](#) FOR CONTINUATION OF ABBREVIATIONS

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SUBMITTAL DATE: 01/18/2019	MGREENSHIELDS				
DESIGNED BY: H. FITZPATRICK	01/18/2019				WA–2017–007–00
ENTERED BY: G. BISHOP	01/18/2019				REGION NO. STATE
CHECKED BY: M. FISHER	01/18/2019				10 WA
MAR PROJ ENGR: C. TORRES					JOB NUMBER
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19		18W121
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY	CONTRACT NO.
					00****

DATE



01/18/19
DATE



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

ARCHITECTURAL ABBREVIATIONS

A00.06

SHEET

844

OF

1521

SHEETS

NOTE: ABBREVIATIONS NOTED IN THE DRAWINGS THAT ARE FOLLOWED BY A MODIFIER, SUCH AS "–1", "–A", ETC., ARE FURTHER DEFINED IN THE SPECIFICATION SECTION ASSOCIATED WITH THE MATERIAL OR SYSTEM ASSEMBLY SO NOTED.

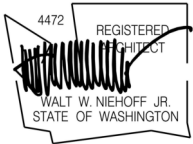
SEE [A00.06](#) FOR CONTINUATION OF ABBREVIATIONS

PBD	PARTICLE BOARD	RD	ROOF DRAIN, ROAD	SGCW	STRUCTURAL GLASS CURTAIN WALL SYSTEM	TA–#	TOILET ACCESSORY	VC	VALVE CABINET
PCC	PRECAST CONCRETE	RE	REFER TO			TB	TOP OF BEAM, TILE BASE	VCT	VINYL COMPOSITION TILE
PCF	POUNDS PER CUBIC FOOT	REBAR	REINFORCING BAR	SGD	SLIDING GLASS DOOR	TC	TOP OF CURB	VEH	VEHICLE
PCP	PRECAST CONCRETE PAVERS,	REC	RECESSED	SGW	SLIDING GLASS WALL	TCP	TRANSLUCENT COLOR PANEL	VENT	VENTILATION
PCP	PORTLAND CEMENT PLASTER	REF	REFERENCE	SH	SHELF	TD	TRENCH DRAIN	VERT	VERTICAL
PCT–#	PRECAST CONCRETE TREADS	REFR	REFRIGERATOR	SHD–#	SHADE	TE	TOP ELEVATION	VEST	VESTIBULE
PE	PORCELAIN ENAMEL	REG	REGULATE (TION), REGISTER	SHR	SHOWER	TEL	TELEPHONE	VG	VERTICAL GRAIN
PED	PEDESTAL	REINF	REDINFORCE(D) (ING) (MENT)	SHT	SHEET	TEMP	TEMPORARY, TEMPERATURE	VIN	VINYL
PERF	PERFORATE (D)	REQD	REQUIRED	SHTHG	SHEATHING	TER–#	TERRAZZO	VNF	VENEER
PERP	PERPENDICULAR	RESF	RESINOUS FLOORING	SHV	SHELVES (ING)	TERM	TERMINATION	VOL	VOLUME
PFN	PREFINISHED	RESIL	RESILIENT	SIM	SIMILAR, SIMULATED	TF	TOP OF FOOTING, TILE FLOOR	VP	VENEER PLASTER
PGBD	PEGBOARD	RESP	RESINOUS PANELS	SK	SINK	TGL	TEMPERED GLASS	VR–#	VAPOR RETARDER
PIV	POST INDICATOR VALVE	RET	RETAINING	SLDG	SLIDING	THK	THICK (NESS)	VTR	VENT THRU ROOF
PL	PLATE	REV	REVISED, REVISION	SLNT	SEALANT	THRES	THRESHOLD	VWC	VINYL WALL COVERING
PLAM	PLASTIC LAMINATE	RF–#	RESILIENT SHEET FLOORING	SLOT STL C–#	SLOTTED CHANNEL FRAMING	THRU	THROUGH		
PLAS	PLASTER	RFG	ROOFING	SM	SHEET METAL	TJ	TOP OF JOIST, TOOL JOINT	W	WEST, WIDE, WIDE FLANGE STEEL MEMBER
PLAT	PLATFORM	RH	RIGHT HAND, ROOF HATCH	SMK	SMOKE	TK BD	TACK BOARD	W /	WITH
PLYWD	PLYWOOD	RLG	RAILING	SND	SANITARY NAPKIN DISPENSER, SOUND	TKT WDW–#	TICKET WINDOW	W / O	WITHOUT
PNL	PANEL	RM	ROOM	SNR	SANITARY NAPKIN RECEPTACLE	TMPD	TEMPERED	WA–#	WALL ASSEMBLY–#
PNT–#	PAINT	RO	ROUGH OPENING	SOG	SLAB–ON–GRADE	TNL	TUNNEL	WAB–#	WATER AIR BARRIER
POL	POLISHED	ROW	RIGHT–OF–WAY	SOHD	SECTIONAL OVERHEAD DOOR	TO	TOP OF	WB	WOOD BASE
PR	PAIR	RSF	RUBBER SHEET (FLOORING)	SP	SOUNDPROOF, SPACE (D) (ING) (S)	TOC	TOP OF CONCRETE	WBD	WHITE BOARD
PRCST	PRECAST	RT	ROOF TYPE	SPCL	SPECIAL	TOP	TOP OF PARAPET	WBL	WOOD BLOCKING
PREFAB	PREFABRICATED	RT–#	ROOF TYPE–#	SPEC	SPECIFICATION	TOPO	TOPOGRAPHIC MAP	WC	WALL COVERING, WATER CLOSET
PREFMD	PREFORMED	RTF	RUBBERT TILE (FLOORING)	SPKR	SPEAKER	TOS	TOP OF STEEL	WC	WINDOW COVERING
PRESS	PRESSURE	RV	ROOF VENT	SQ	SQUARE	TP	TOP OF PAVEMENT	WCO	WALL CLEANOUT
PRKG	PARKING	RVL	REVEAL	SS	SANITARY SEWER	TPH	TOILET PAPER HOLDER	WCP	WOOD CEILING PANEL (ING)
PROP	PROPERTY	RVS	REVERSE	SSF	SYNTHETIC STUCCO FINISH	TPO	POLYOLEFIN	WD	WOOD
PROTECT	PROTECTION	RWD	RECLAIMED WOOD STANDING RAIL	SSK	SERVICE SINK	TPTN	TOILET PARTITION	WDP	WOOD PANEL
PRV	PRESSURE REDUCING VALVE	RWL	RAIN WATER LEADER	SSM	SOLD SURFACE MATERIAL	TR	TOP OF RIM	WDW–#	WINDOW
PSF	POUNDS PER SQUARE FOOT			SST	STAINLESS STEEL	TRANS	TRANSITION	WFS	WOOD FLOORING SYSTEM,
PSI	POUNDS PER SQUARE INCH	S	SOUTH	ST	STAIR, STREET	TRTD	TREATED	WFS	WOOD FURRING STRIPS
PT	PAINT, POST TENSIONED	SA	SUPPLY AIR, SAFETY ANCHOR	STA	STATION	TS	TUBULAR STEEL MEMBER	WG	WALL GUARD
PT	PRESERVATIVE TREATED	SAI	SPRAY APPLIED ACOUSTIC INSULATION	STAG	STAGGERED	TSL	TOP OF SLAB	WH	WALL HUNG, WALL HYDRANT
PTN	PARTITION	SB	SPLASH BLOCK	STC	SOUND TRANSMISSION CLASS	TSTAT	THERMOSTAT	WHTR	WATER HEATER
PTR	PAPER TOWEL RECEPTACLE	SBR	SEALANT AND BACKER ROD	STD	STANDARD	TV	TELEVISION	WM	WIRE MESH
PV	PHOTOVOLTAIC	SBR	STYRENE BUTADIENE RUBBER	STF	SOUND TRANSPARENT FABRIC	TW	TOP OF WALL	WOM–#	WALK–OFF MAT
PVC	POLYVINYL CHLORIDE	SC	SOLID CORE	STG	SEATING	TWC	TACAKABLE WALL COVERING	WP–#	WORKING POINT, WATERPROOF (ING)
PVDF–#	FLUOROPOLYMER COATING	SCD	SEAT COVER DISPENSER	STL	STEEL	TYP	TYPICAL	WPM	WATERPROOF MEMBRANE
PVMT	PAVEMENT	SCHED	SCHEDULE	STN	STONE			WR	WATER RESISTANT
PWDR	POWDER	SCP	SCUPPER	STOR	STORAGE	UGND	UNDERGROUND	WRT	WATER REPELLANT TREATMENT
		SCRN	SCREEN	STR	STRINGER	UH	UNIT HEATER	WS	WEATHER STRIPPING, WEATHER SEALS
QT	QUARRY TILE	SD	SOAP DISPENSER	STRUCT	STRUCTURE (AL)	UL	UNDERWRITERS’ LABRATORY	WSCT	WAINSCOT
QTB	QUARRY TILE	SDC	SYNTHETIC DECK COATING	SUSP	SUSPENDED	UNEX	UNEXCAVATED	WSP	WEST STANDPIPE
QTF	QUARRY TILE FLOOR	SDG	SIDING	SW	SIDEWALK	UNFIN	UNFINISHED	WT	WEIGHT
QTR	QUARTER	SDT	STATIC DISSIPATIVE FLOORING	SYM	SYMMETRICAL	UNO	UNLESS NOTED OTHERWISE	WTR	WATER
QTY	QUANTITY	SEC	SECURITY	SYNTH	SYNTHETIC	UR	URINAL	WWF	WELDED WIRE FABRIC
		SECT	SECTION	SYS	SYSTEM	UT	UTILITY TROUGH	WWW	WOVEN WIRE MESH
R	RADIUS, RISER	SF	SQUARE FOOT (FEET)			UTIL	UTILITY	WWP	WOOD WALL PANELING
RA–#	RETURN AIR, ROOF ANCHOR	SFCS	STRETCHED FABRIC CEILING SYSTEM	T	TREAD, TOILET	UV	ULTRAVIOLET		
RAF	RESILIENT ATHLETIC FLOORING	SFWS	STRETCHED FABRIC WALL PANEL SYSTEM	T&B	TOP AND BOTTOM	V	VOLT	YD	YARD DRAIN
RB–#	RESILIENT BASE			T&G	TONGUE AND GROOVE	VB	VINYL BASE, VAPOR BARRIER		
RBR	RUBBER	SFWS–#	STOREFRONT WINDOW SYSTEM						

LMN

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DATE




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SR 525 MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION	
ARCHITECTURAL ABBREVIATIONS – CONT	

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SHEET
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
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
STEEL




WOOD




CONCRETE




CONCRETE IN ELEVATION




BATT INSULATION




RIGID INSULATION




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
GWB




SEMI-RIGID INSUL




WOOD BLOCKING



PLYWOOD

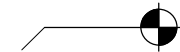


CROSS LAMINATED TIMBER




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SYMBOLS LEGEND



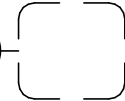
VERTICAL ELEVATION MARK

Room
Name
101




ROOM NAME & NUMBER INDICATOR

1
A101




ENLARGED DETAIL OR PLAN AREA

1
A101




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A02.00



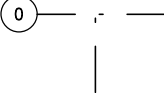
SECTION INDICATOR

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GRID INDICATORS




LEADER ARROW




BREAK LINE SYMBOL

1




REFERENCE DETAIL NUMBER

1
A02.02

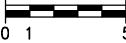


ELEVATION


1



REFERENCE SHEET



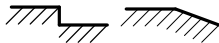
0 1 5 GRAPHIC SCALE



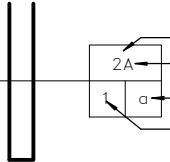
NORTH ARROW

NOTES

1. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES THAT EXIST WITHIN THE DRAWINGS.
2. ALL METHODS, MATERIALS, AND WORKMANSHIP SHALL CONFORM TO CODE AS ADOPTED AND AMENDED BY THE STATE AND/OR LOCAL JURISDICTION.
3. COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES
4. UNLESS OTHERWISE NOTED, PLAN DIMENSIONS ARE TO THE BUILDING GRID LINES OR THE FINISH SURFACES.
5. DO NOT SCALE DRAWINGS
6. VERIFY ALL ROUGH-IN DIMENSIONS FOR EQUIPMENT PROVIDED IN THIS CONTRACT OR BY OTHERS.
7. VERIFY SIZE AND LOCATION OF ALL OPENINGS THROUGH FLOORS AND WALLS.
8. REPETITIVE FEATURES ARE OFTEN DRAWN OR REFERENCED ONLY ONCE AND SHALL BE COMPLETELY PROVIDED AS IF DRAWN IN FULL.
9. ALL DOORS NOT LOCATED BY DIMENSIONS ON PLANS, INTERIOR ELEVATIONS, OR DETAILS SHALL BE 4" FROM FACE OF ADJACENT WALL STUD TO EDGE OF DOOR OPENING.
10. FINISH FLOOR (FIN. FLR., F.F.) REFERS TO TOP OF CONCRETE OR GYPCRETE.
11. REFER TO INTERIOR ELEVATIONS FOR CABINET, COUNTER LENGTHS, DIMENSIONS, COUNTERTOP MATERIALS, AND DETAIL REFERENCES. FIELD VERIFY ALL DIMENSIONS.



SLAB TRANSITION



PARTITION TYPE
CONFIGURATION
MODIFICATION
FIRE ASSEMBLY
RATING (HOURS)

THE PARTITION TYPE DESIGNATION IS A 4 UNIT CODE THAT INCLUDES THE FIRE RATING (WHERE APPLICABLE), CONFIGURATION, CONSTRUCTION, AND ANY MODIFICATION TO THE CONSTRUCTION.

LMN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt

PRINTED:	1/16/2019 1:53:13 PM	LAST PRINTED BY:				FED.AID PROJ.NO.
SUBMITTAL DATE:	01/18/2019	MGREENSHIELDS				WA-2017-007-00
DESIGNED BY:	H. FITZPATRICK	01/18/2019				REGION NO. STATE
ENTERED BY:	G. BISHOP	01/18/2019				10 WA
CHECKED BY:	M. FISHER	01/18/2019				JOB NUMBER
MAR PROJ ENGR:	C. TORRES					18W121
DGN ENGR MNGR:	N. MCINTOSH		CONFORMED PLANS	01/18/19		CONTRACT NO.
ASST SECRETARY:	A. SCARTON		REVISION	DATE	BY	00****

DATE



01/18/19
DATE



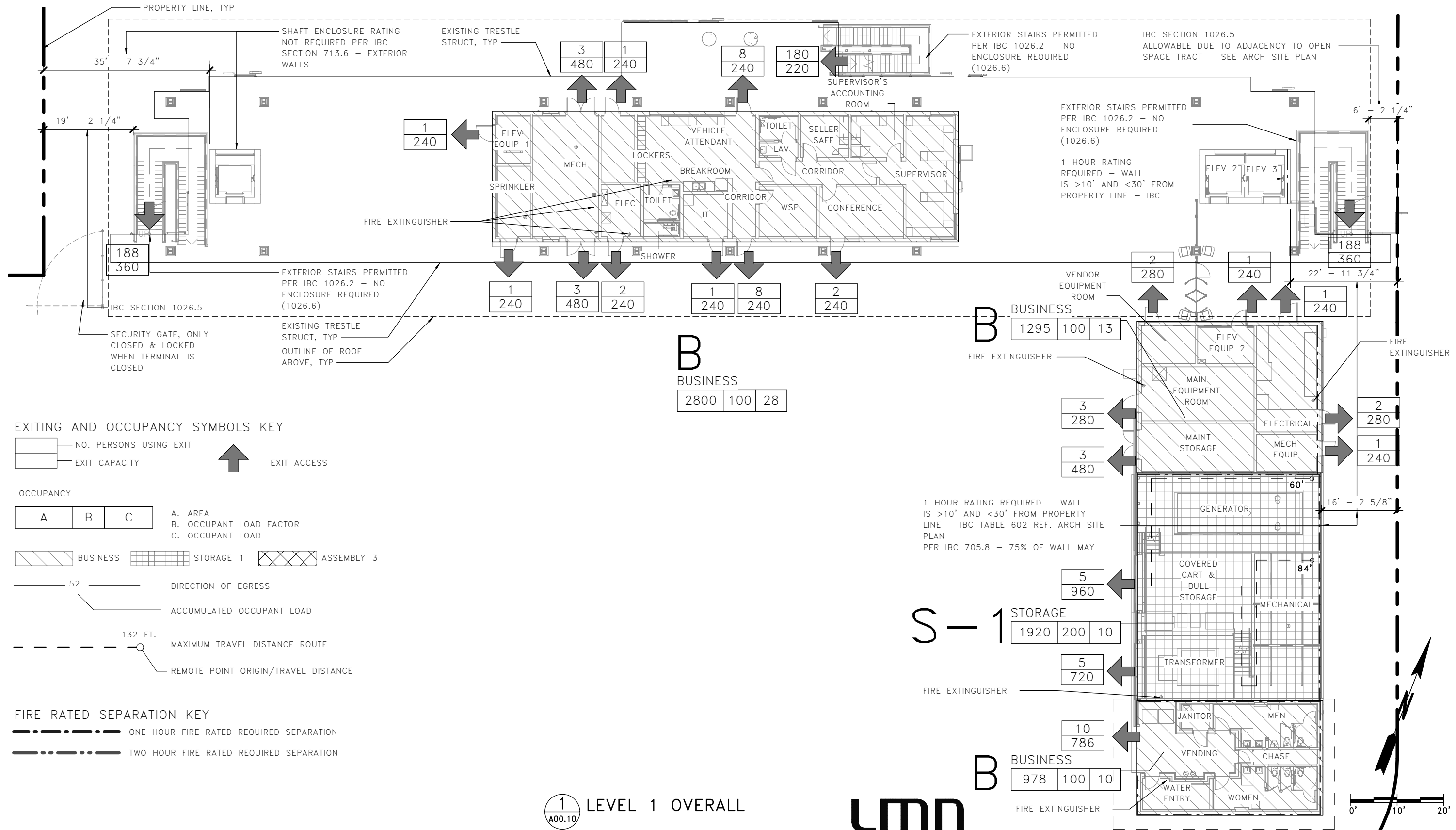
Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

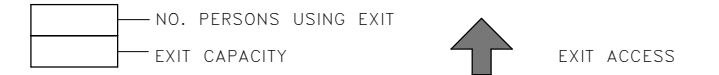
NOTES, SYMBOLS & MATERIALS LEGEND

A00.08

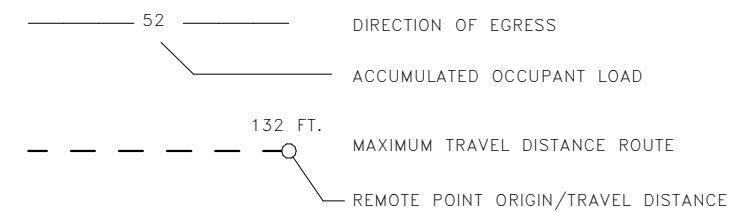
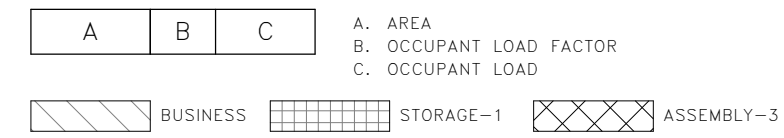
SHEET
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SHEETS



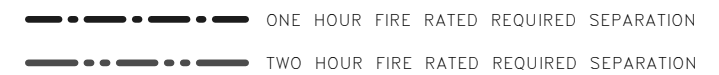
EXITING AND OCCUPANCY SYMBOLS KEY



OCCUPANCY

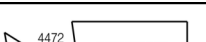



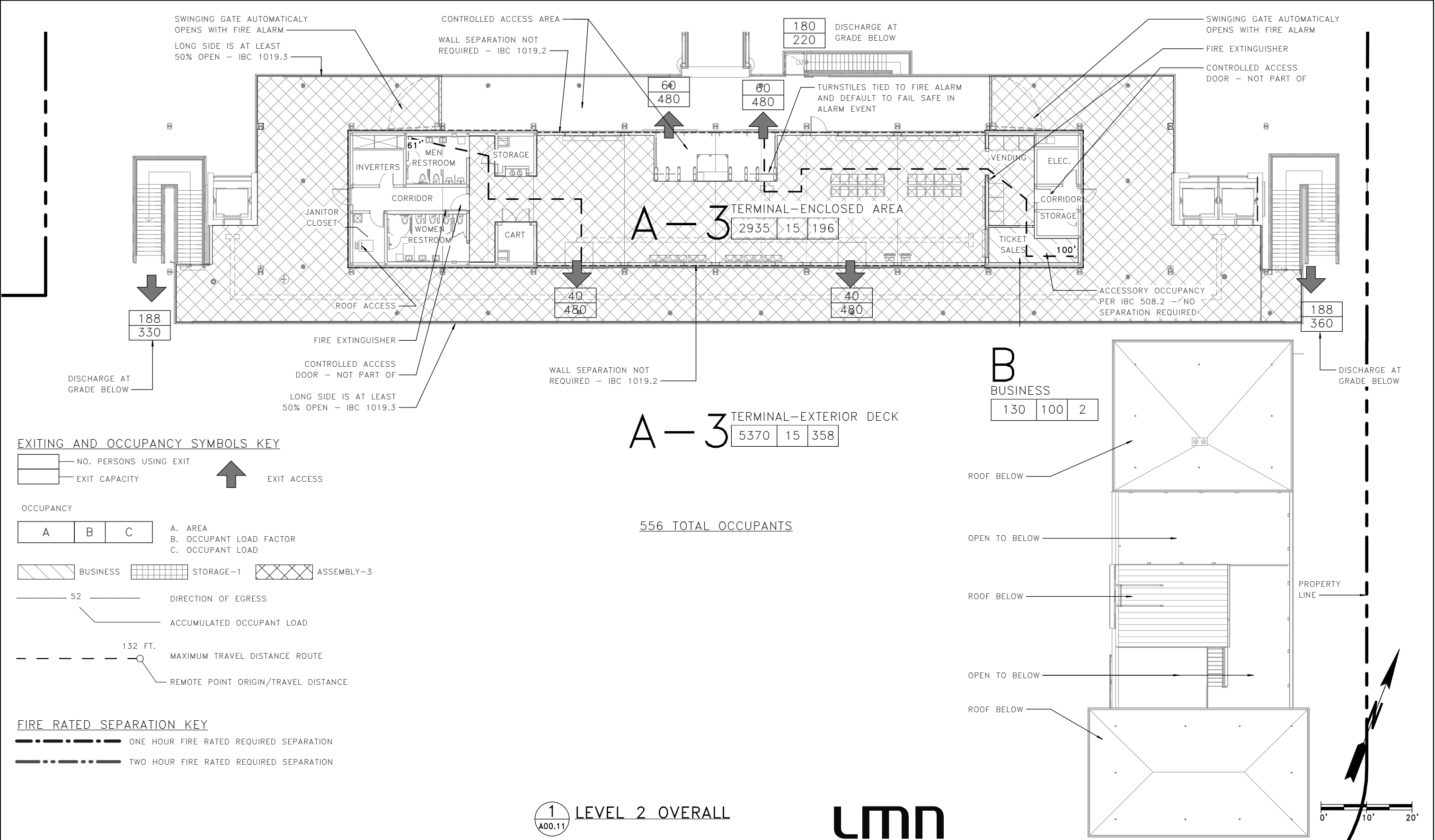
FIRE RATED SEPARATION KEY



1 LEVEL 1 OVERALL
A00.10



FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt										<div><div>4472</div><div>REGISTERED ARCHITECT</div><div></div><div>WALT W. NIEHOFF JR. STATE OF WASHINGTON</div></div> <div>01/18/19</div>										<div><div></div><div>Washington State Department of Transportation</div><div>WASHINGTON STATE FERRIES</div></div>										SR 525										A00.10									
PRINTED: 1/16/2019 1:53:18 PM					LAST PRINTED BY:																									FED.AID PROJ.NO.					MUKILTEO FERRY TERMINAL (PHASE 2)										SHEET				
SUBMITTAL DATE: 01/18/2019					MGREENSHIELDS					WA-2017-007-00					FERRY TERMINAL CONSTRUCTION										847																								
DESIGNED BY: H. FITZPATRICK					01/18/2019					REGION NO. 10 STATE WA					TERMINAL-LEVEL 1-LIFE SAFETY PLAN										OF 1521 SHEETS																								
ENTERED BY: G. BISHOP					01/18/2019					JOB NUMBER 18W121																																							
CHECKED BY: M. FISHER					01/18/2019					CONTRACT NO. 00****																																							
MAR PROJ ENGR: C. TORRES																																																	
DGN ENGR MNGR: N. MCINTOSH					CONFORMED PLANS					01/18/19																																							
ASST SECRETARY: A. SCARTON					REVISION					DATE BY:																																							



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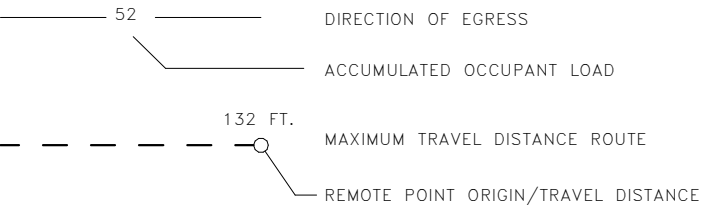
EXITING AND OCCUPANCY SYMBOLS KEY



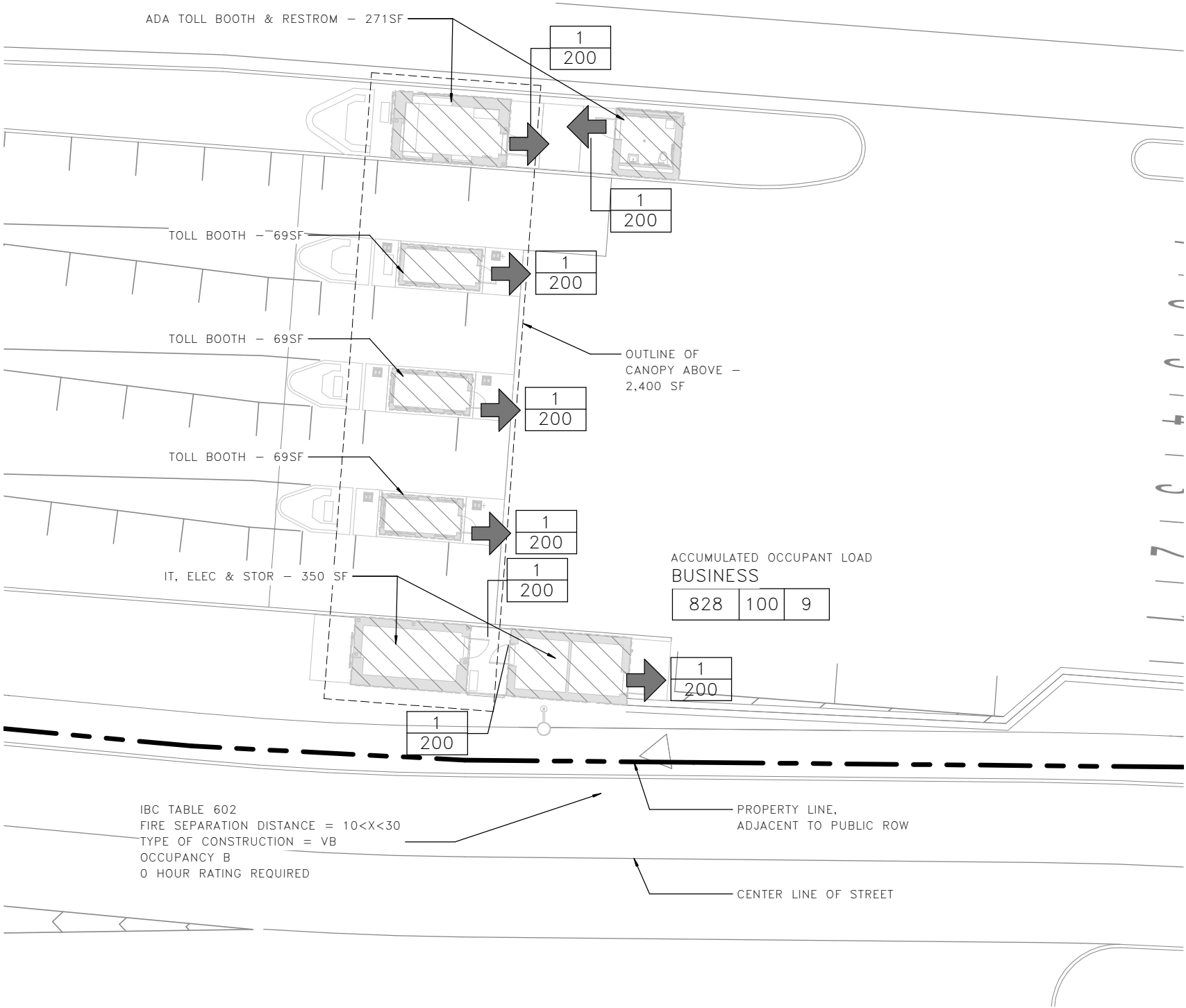
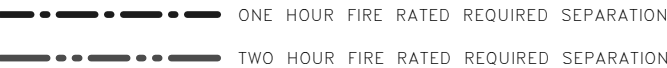
OCCUPANCY

A	B	C
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A. AREA
B. OCCUPANT LOAD FACTOR
C. OCCUPANT LOAD



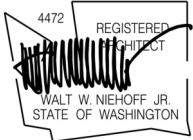
FIRE RATED SEPARATION KEY



1 TOLL PLAZA - LEVEL 1
A00.15



FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt					FED.AID PROJ.NO.	
PRINTED: 1/16/2019 1:53:31 PM					WA-2017-007-00	
SUBMITTAL DATE: 01/18/2019					REGION NO. STATE	
DESIGNED BY: H. FITZPATRICK					10 WA	
ENTERED BY: G. BISHOP					JOB NUMBER	
CHECKED BY: M. FISHER					18W121	
MAR PROJ ENGR: C. TORRES					CONTRACT NO.	
DGN ENGR MNGR: N. MCINTOSH					00****	
ASST SECRETARY: A. SCARTON						
		CONFORMED PLANS	01/18/19			
		REVISION	DATE	BY		



01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TOLL PLAZA - LIFE SAFETY PLANS

A00.15
SHEET
849
OF
1521
SHEETS

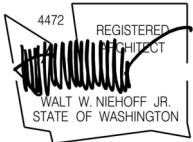
PEAK PASSENGER COUNT		PEAK PASSENGER COUNT	LOS LEVEL C MULTIPLIER	WSF PROVIDED DESIGN COUNT		
		293	85%	249		
WALK-ON PASSENGERS USING TERMINAL WAITING AREAS						
COMMUTER ROUTE TYPE I						
WAIT TIME	PERCENT ARRIVING IN TIME SLOT	PEOPLE WAITING	PERCENT INSIDE	PERCENT OUTSIDE	PEOPLE WAITING INSIDE	PEOPLE WAITING OUTSIDE
0 TO 5	20%	50	0%	0%	0	0
5 TO 10	45%	112	100%	0%	112	0
10 TO 20	35%	87	100%	0%	87	0
20 TO 30	0%	0	25%	50%	0	0
>30	0%	0	25%	50%	0	0
WSF TDM – EXHIBIT 410-6						
DRIVE-ON PASSENGERS USING TERMINAL WAITING AREAS						
COMMUTER ROUTE TYPE I						
WAIT TIME	PERCENT ARRIVING IN TIME SLOT	PEOPLE WAITING	PERCENT INSIDE	PERCENT OUTSIDE	PEOPLE WAITING INSIDE	PEOPLE WAITING OUTSIDE
0 TO 30	100%	0	5%	0%	0	0
>30	0%	0	5%	0%	0	0
WSF TDM – EXHIBIT 410-7						
TOTAL NET INDOOR WAITING AREA FOR WALK-ON PASSENGERS						
WAIT TIME	PEOPLE WAITING INSIDE	PERCENT STANDING	PERCENT SITTING	INSIDE STANDING AREA (8.5 SF/PERSON)	INSIDE SITTING AREA (13 SF/PERSON)	INSIDE WAITING AREA (TOTAL)
0 TO 5	0	0%	0%	0	0	0
5 TO 10	112	100%	0%	953	0	953
10 TO 20	87	85%	15%	630	170	80
20 TO 30	0	50%	50%	0	0	0
>30	0	25%	75%	0	0	0
TOTAL NET INDOOR WAITING AREA FOR WALK-ON PASSENGERS 1,752sf						

TOTAL NET OUTDOOR WAITING AREA FOR WALK-ON PASSENGERS						
WAIT TIME	PEOPLE WAITING OUTSIDE	PERCENT STANDING	PERCENT SITTING	INSIDE STANDING AREA (8.5 SF/PERSON)	INSIDE SITTING AREA (13 SF/PERSON)	INSIDE WAITING AREA (TOTAL)
0 TO 5	0	0%	0%	0	0	0
5 TO 10	0	0%	0%	0	0	0
10 TO 20	0	85%	15%	0	0	0
20 TO 30	0	50%	50%	0	0	0
>30	0	25%	75%	0	0	0
TOTAL NET OUTDOOR WAITING AREA FOR WALK-ON PASSENGERS 0sf						
WSF TDM – EXHIBIT 410-8						
TOTAL NET INDOOR WAITING AREA FOR DRIVE-ON PASSENGERS						
WAIT TIME	PEOPLE WAITING OUTSIDE	PERCENT STANDING	PERCENT SITTING	INSIDE STANDING AREA (8.5 SF/PERSON)	INSIDE SITTING AREA (13 SF/PERSON)	INSIDE WAITING AREA (TOTAL)
0 TO 30	0	100%	0%	0	0	0
>30	0	25%	75%	0	0	0
TOTAL NET INDOOR WAITING AREA FOR DRIVE-ON PASSENGERS 0sf						
WSF TDM – EXHIBIT 410-9						
ADD-ON SF (FROM PRE-DESIGN SCHEME)						
TURNSTILE QUEUE						170 SF
CHAIR & CART STORAGE						60 SF
BROCHURES						72 SF
KIOSK QUEUE						50 SF
TICKETING QUEUE						25 SF
MIXING AREA						170 SF
TOTAL ADD-ON SF		547 SF				
SECONDARY CIRCULATION						
5’ PERIMETER AROUND NET WAITING AREA (BASE UPON INDOOR WAITING TOTAL ABOVE)						873 SF
TOTAL SECONDARY CIRCULATION SF		873 SF				
GROSS WAITING AREA		3,172 SF				

LMN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt						
PRINTED: 1/16/2019 1:53:32 PM	LAST PRINTED BY:					FED.AID PROJ.NO.
SUBMITTAL DATE: 01/18/2019	MGREENSHIELDS					WA-2017-007-00
DESIGNED BY: H. FITZPATRICK	01/18/2019					REGION NO. 10 STATE WA
ENTERED BY: G. BISHOP	01/18/2019					JOB NUMBER 18W121
CHECKED BY: M. FISHER	01/18/2019					CONTRACT NO. 00****
MAR PROJ ENGR: C. TORRES						
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19			
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY		

DATE



01/18/19
DATE

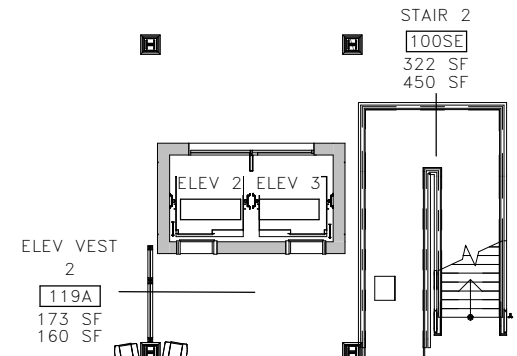
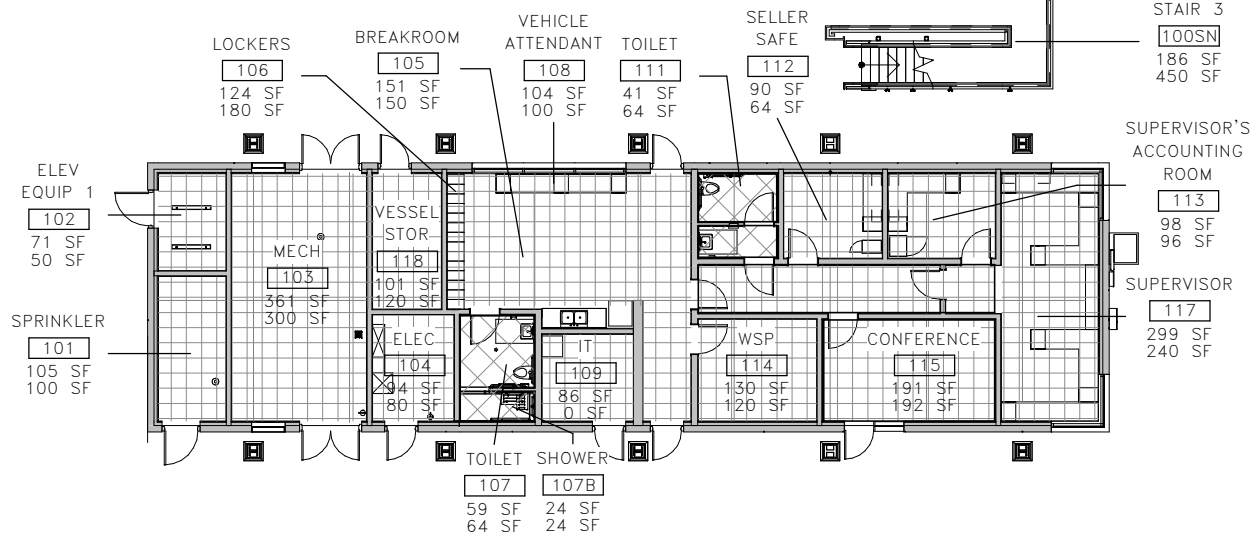
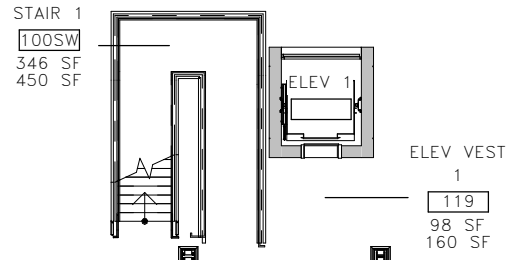


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

2030 SPACE REQUIREMENTS

A00.20

SHEET
850
OF
1521
SHEETS



LEVEL 1 – PROGRAM DEFINITION

NUMBER	NAME	ACTUAL AREA	PROGRAM AREA
--------	------	-------------	--------------

LEVEL 1

	ELEV 1	75 SF	50 SF
	ELEV 2	77 SF	50 SF
	ELEV 3	77 SF	50 SF
100SE	STAIR 2	322 SF	450 SF
100SN	STAIR 3	186 SF	450 SF
100SW	STAIR 1	346 SF	450 SF
101	SPRINKLER	105 SF	100 SF
102	ELEV EQUIP 1	71 SF	50 SF
103	MECH	361 SF	300 SF
104	ELEC	94 SF	80 SF
105	BREAKROOM	151 SF	150 SF
106	LOCKERS	124 SF	180 SF
107	TOILET	59 SF	64 SF
107B	SHOWER	24 SF	24 SF
108	VEHICLE ATTENDANT	104 SF	100 SF
109	IT	86 SF	0 SF
110	CORRIDOR	63 SF	0 SF
111	TOILET	41 SF	64 SF
111A	LAV	27 SF	0 SF
112	SELLER SAFE	90 SF	64 SF
113	SUPERVISOR'S ACCOUNTING ROOM	98 SF	96 SF
114	WSP	130 SF	120 SF
115	CONFERENCE	191 SF	192 SF
116	CORRIDOR	125 SF	0 SF
117	SUPERVISOR	299 SF	240 SF
118	VESSEL STOR	101 SF	120 SF
119	ELEV VEST 1	98 SF	160 SF
119A	ELEV VEST 2	173 SF	160 SF

LEVEL 1 – MB

120	MECH EQUIP	101 SF	100 SF
121	VENDOR EQUIPMENT ROOM	91 SF	80 SF
122	ELEV EQUIP 2	93 SF	50 SF
123	MAIN EQUIPMENT ROOM	277 SF	344 SF
124	ELECTRICAL	291 SF	240 SF
125	MAINT STORAGE	247 SF	240 SF

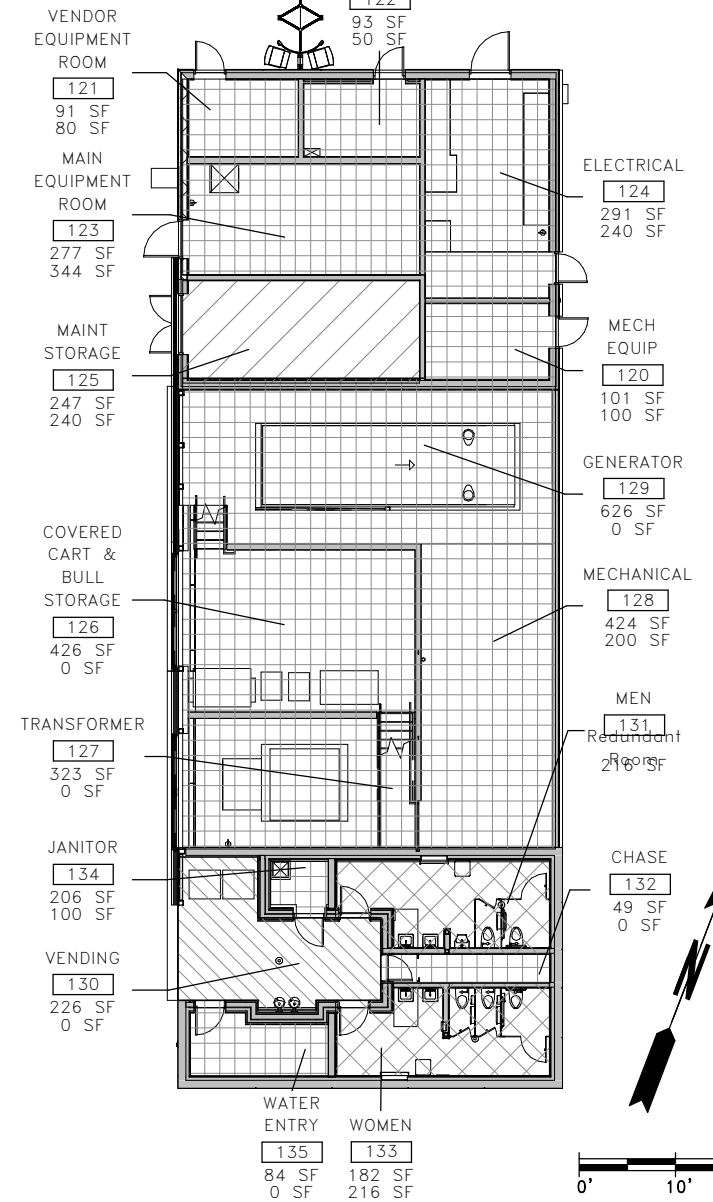
LEVEL 1 – PROGRAM DEFINITION

NUMBER	NAME	ACTUAL AREA	PROGRAM AREA
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126	COVERED CART & BULL STORAGE	426 SF	0 SF
127	TRANSFORMER	323 SF	0 SF
128	MECHANICAL	424 SF	200 SF
129	GENERATOR	626 SF	0 SF
130	VENDING	226 SF	0 SF
132	CHASE	49 SF	0 SF
133	WOMEN	182 SF	216 SF
134	JANITOR	206 SF	100 SF
135	WATER ENTRY	84 SF	0 SF
		7338 SF	5334 SF

LEGEND

	SERVICES & SUPPORT
	STORAGE
	RESTROOMS
	VENDING
	PUBLIC PROMENADE
	TICKETING
	GREAT HALL
	CORRIDOR
ROOM NAME	
101	100 SF ← ACTUAL AREA 100 SF ← PROGRAM AREA



1 LEVEL 1 PROGRAM DEFINITION

LMN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt			
PRINTED: 1/16/2019 1:53:38 PM	LAST PRINTED BY: MGREENSHIELDS		
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DESIGNED BY: H. FITZPATRICK	01/18/2019		
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CHECKED BY: M. FISHER	01/18/2019		
MAR PROJ ENGR: C. TORRES			
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19
ASST SECRETARY: A. SCARTON		REVISION	DATE BY

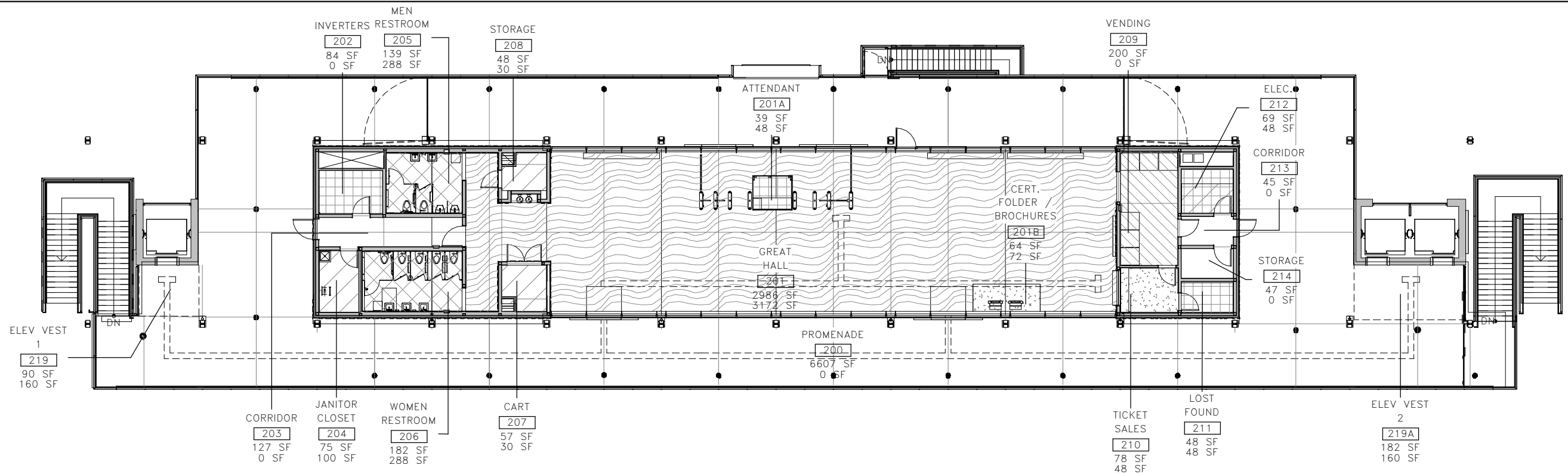
FED.AID PROJ.NO.	
WA-2017-007-00	
REGION NO. 10	STATE WA
JOB NUMBER 18W121	
CONTRACT NO. 00****	

4472 REGISTERED ARCHITECT	
WALT W. NIEHOFF JR.	
STATE OF WASHINGTON	
01/18/19	

Washington State Department of Transportation	
WASHINGTON STATE FERRIES	

SR 525	
MUKILTEO FERRY TERMINAL (PHASE 2)	
FERRY TERMINAL CONSTRUCTION	
TERMINAL-LEVEL 1-PROGRAM DEFINITION	

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OF
1521
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LEVEL 2 – PROGRAM DEFINITION

NUMBER	NAME	ACTUAL AREA	PROGRAM AREA
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LEVEL 2

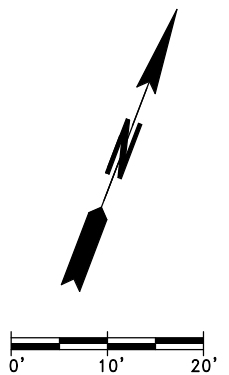
200	PROMENADE	6607 SF	0 SF
200SE	STAIR 2	340 SF	450 SF
200SN	STAIR 3	114 SF	450 SF
200SW	STAIR 1	314 SF	450 SF
201	GREAT HALL	2986 SF	3172 SF
201A	ATTENDANT	39 SF	48 SF
201B	CERT. FOLDER / BROCHURES	64 SF	72 SF
202	INVERTERS	84 SF	0 SF
203	CORRIDOR	127 SF	0 SF
204	JANITOR CLOSET	75 SF	100 SF
205	MEN RESTROOM	139 SF	288 SF
206	WOMEN RESTROOM	182 SF	288 SF
207	CART	57 SF	30 SF
208	STORAGE	48 SF	30 SF
209	VENDING	200 SF	0 SF
210	TICKET SALES	78 SF	48 SF
211	LOST FOUND	48 SF	48 SF
212	ELEC.	69 SF	48 SF
213	CORRIDOR	45 SF	0 SF
214	STORAGE	47 SF	0 SF
219	ELEV VEST 1	90 SF	160 SF
219A	ELEV VEST 2	182 SF	160 SF
		11936 SF	5842 SF

LEGEND

	SERVICES & SUPPORT
	STORAGE
	RESTROOMS
	VENDING
	PUBLIC PROMENADE
	TICKETING
	GREAT HALL
	CORRIDOR
	ROOM NAME
100 SF	← ACTUAL AREA
100 SF	← PROGRAM AREA

1 LEVEL 2 PROGRAM DEFINITION
A00.22

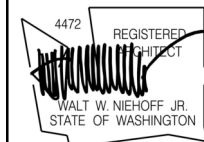
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DESIGNED BY: H. FITZPATRICK	01/18/2019				
ENTERED BY: G. BISHOP	01/18/2019				
CHECKED BY: M. FISHER	01/18/2019				
MAR PROJ ENGR: C. TORRES					
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19		
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY	

FED.AID PROJ.NO.	
WA-2017-007-00	
REGION NO. 10	STATE WA
JOB NUMBER 18W121	
CONTRACT NO. 00****	



01/18/19



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MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL-LEVEL 2-PROGRAM DEFINITION

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SHEETS

LEVEL 1 – TOLL PLAZA – PROGRAM DEFINITION			
NUMBER	NAME	ACTUAL AREA	PROGRAM AREA
LEVEL 1			
150	EQUIPMENT ROOM	107 SF	0 SF
151	ELEC	59 SF	48 SF
152	STO	59 SF	0 SF
153	TOLL BOOTH 1	54 SF	72 SF
154	TOLL BOOTH 2	54 SF	72 SF
155	TOLL BOOTH 3	54 SF	72 SF
156	TOLL BOOTH 4 (ADA)	106 SF	84 SF
157	TOILET	56 SF	0 SF
		549 SF	348 SF

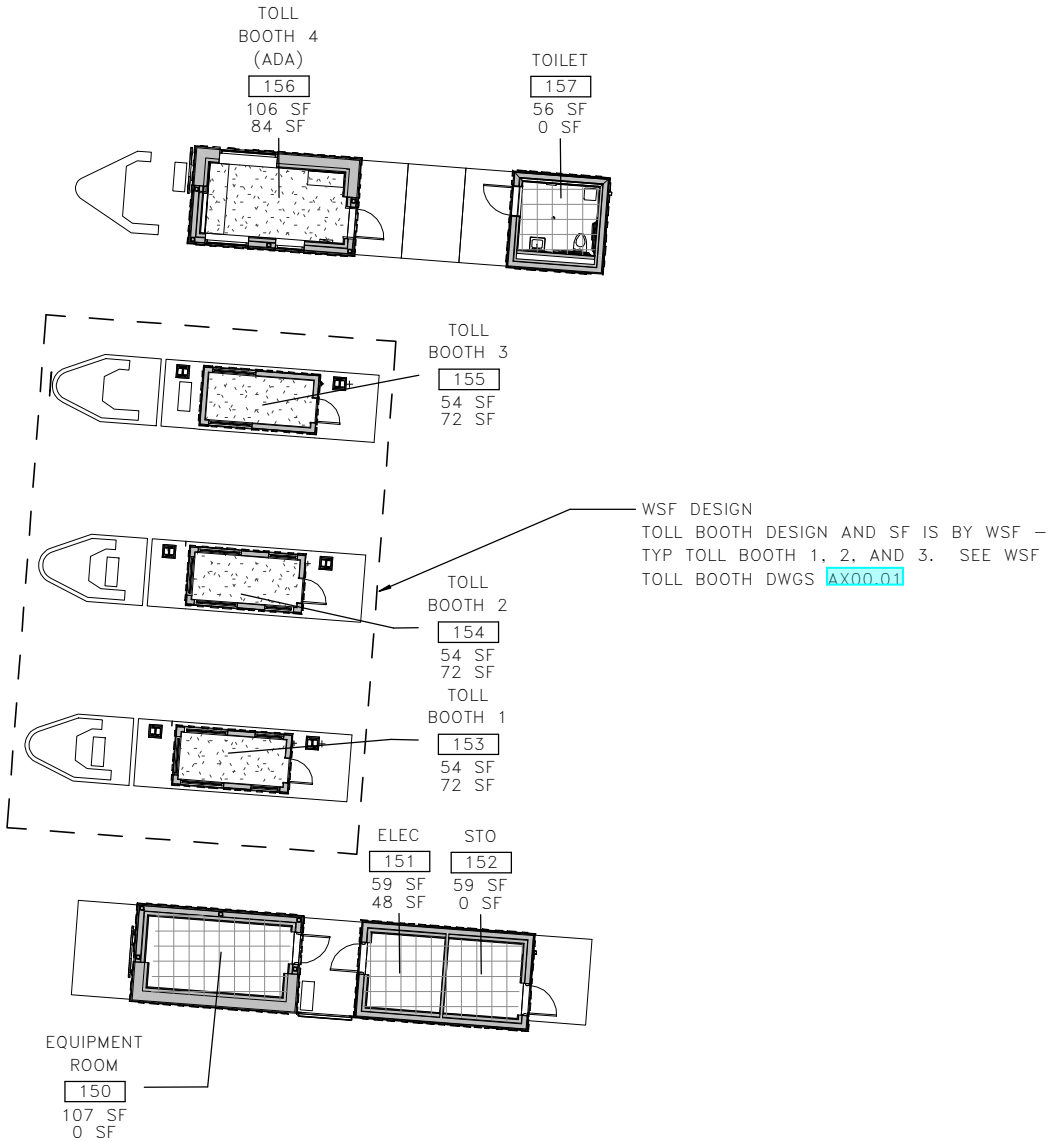
LEGEND

- SERVICES & SUPPORT
- STORAGE
- RESTROOMS
- VENDING
- PUBLIC PROMENADE
- TICKETING
- GREAT HALL
- CORRIDOR
- ROOM NAME

101

100 SF ← ACTUAL AREA

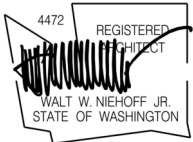
100 SF ← PROGRAM AREA



1 LEVEL 1 PROGRAM DEFINITION
A00.23

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ENTERED BY: G. BISHOP	01/18/2019				JOB NUMBER 18W121
CHECKED BY: M. FISHER	01/18/2019				CONTRACT NO. 00****
MAR PROJ ENGR: C. TORRES					
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19		
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY	

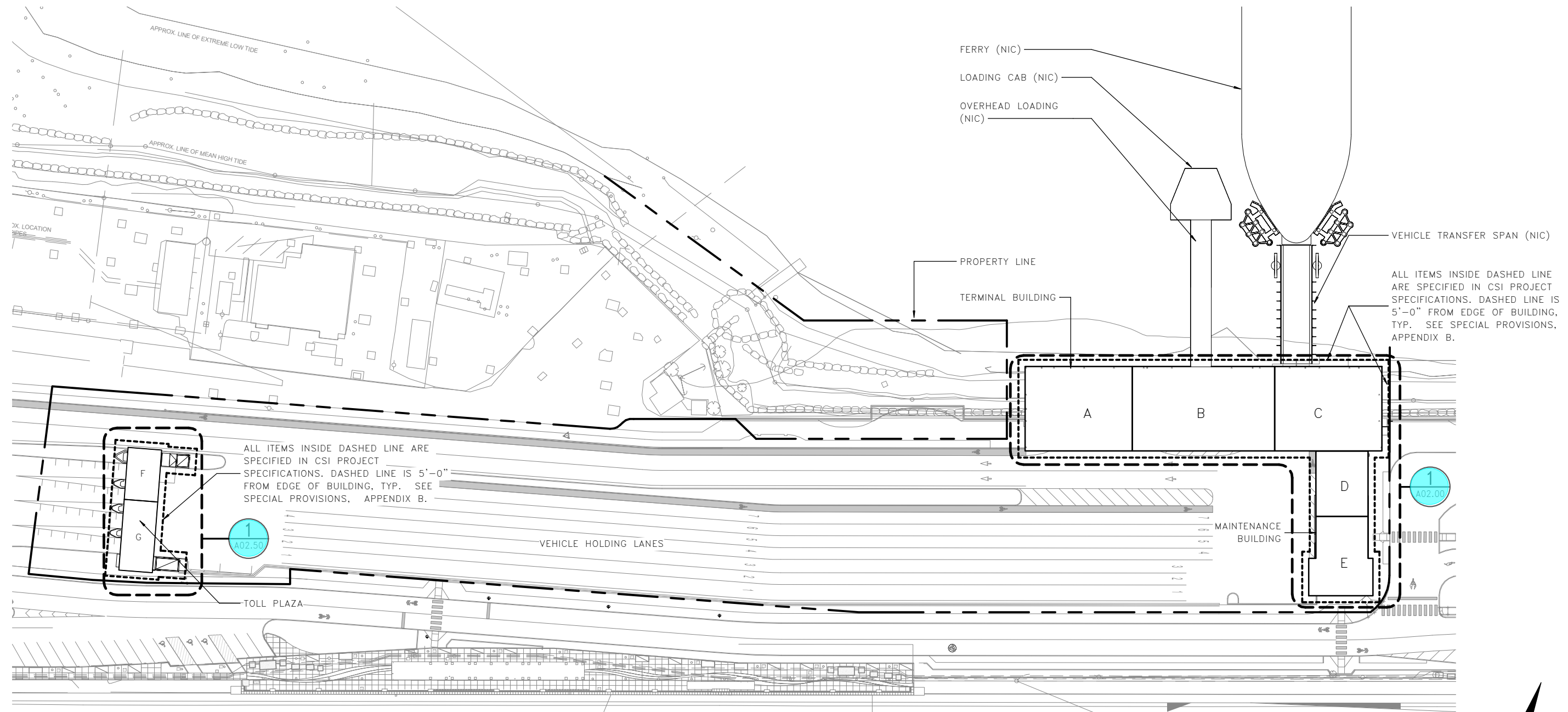


01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TOLL PLAZA – PROGRAM DEFINITION

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1 ARCHITECTURAL SITE PLAN
A00.31

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DESIGNED BY: H. FITZPATRICK	01/18/2019				10 WA	
ENTERED BY: G. BISHOP	01/18/2019				JOB NUMBER	
CHECKED BY: M. FISHER	01/18/2019				18W121	
MAR PROJ ENGR: C. TORRES		CONFORMED PLANS	01/18/19		CONTRACT NO.	
DGN ENGR MNGR: N. MCINTOSH		REVISION	DATE	BY	00****	
ASST SECRETARY: A. SCARTON						

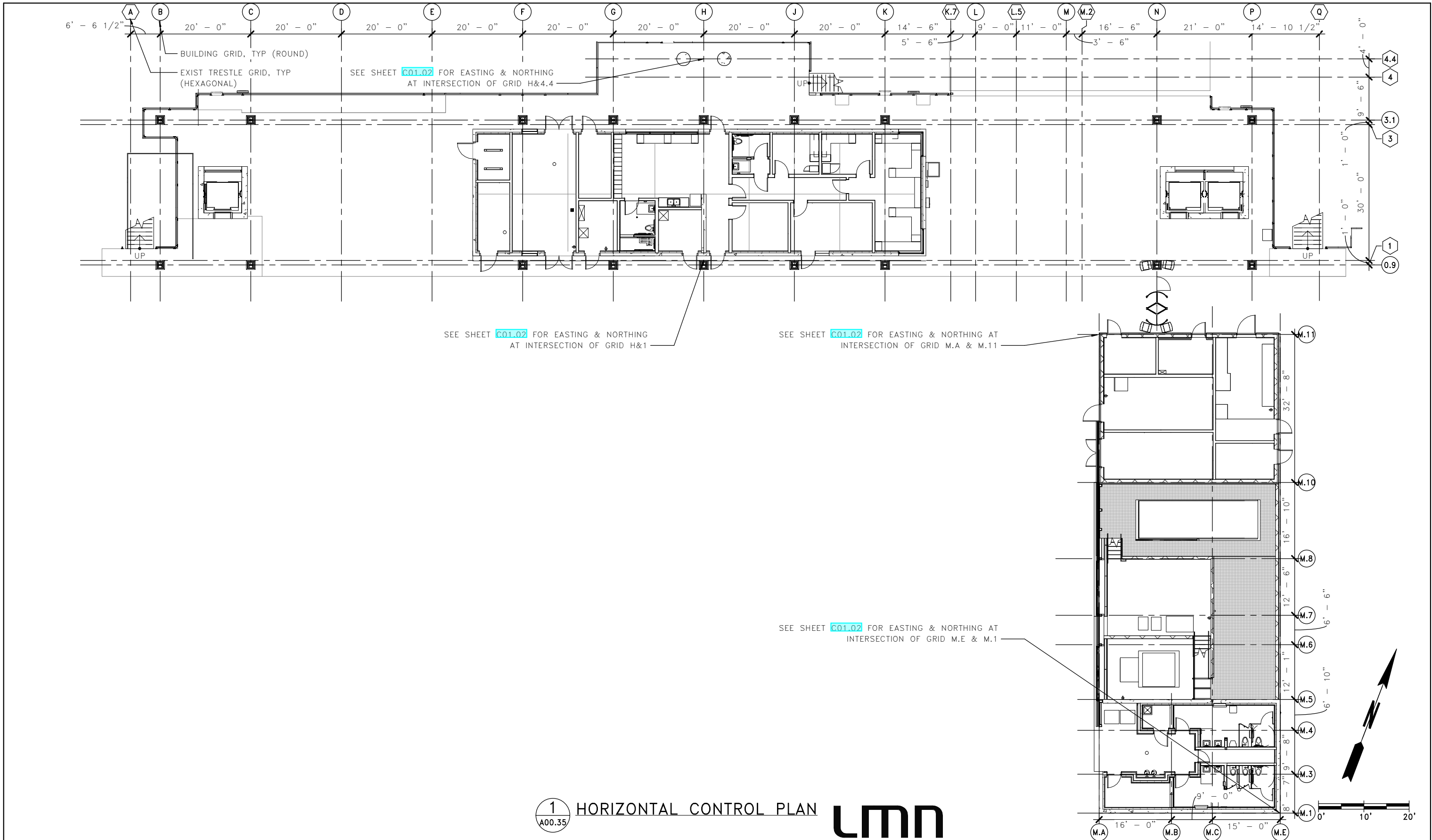


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MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
ARCHITECTURAL SITE PLAN

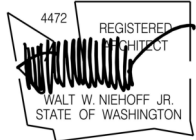
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1 HORIZONTAL CONTROL PLAN
A00.35

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DESIGNED BY: H. FITZPATRICK	01/18/2019				JOB NUMBER 18W121	
ENTERED BY: G. BISHOP	01/18/2019				CONTRACT NO. 00****	
CHECKED BY: M. FISHER	01/18/2019					
MAR PROJ ENGR: C. TORRES						
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19			
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY		



01/18/19
DATE

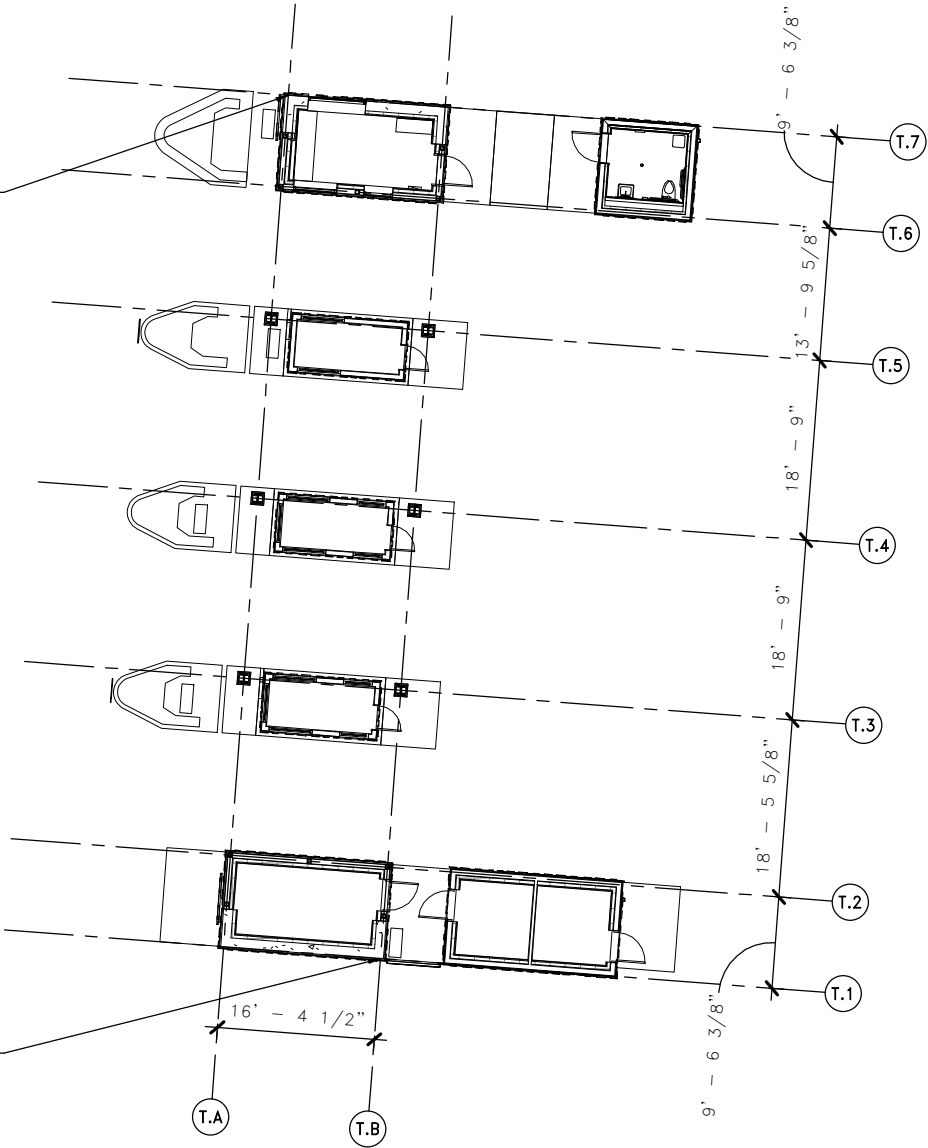


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
HORIZONTAL CONTROL, TERMINAL

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SHEET
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OF
1521
SHEETS

SEE SHEET C01.02 FOR EASTING & NORTHING AT
INTERSECTION OF GRID T.A & T.7

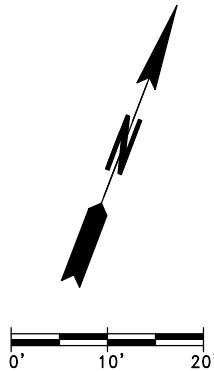
SEE SHEET C01.02 FOR EASTING & NORTHING AT
INTERSECTION OF GRID T.B & T.1





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A00.36

HORIZONTAL CONTROL PLAN

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FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt												 Washington State Department of Transportation WASHINGTON STATE FERRIES		SR 525 MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION		A00.36	
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SUBMITTAL DATE: 01/18/2019		DESIGNED BY: H. FITZPATRICK		01/18/2019		REGION NO. 10		STATE WA		DATE 01/18/19		HORIZONTAL CONTROL, TOLL PLAZA					
ENTERED BY: G. BISHOP		CHECKED BY: M. FISHER		01/18/2019		JOB NUMBER 18W121		CONTRACT NO. 00****									
MAR PROJ ENGR: C. TORRES		DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS		01/18/19											
ASST SECRETARY: A. SCARTON				REVISION		DATE		BY									

RFI 11

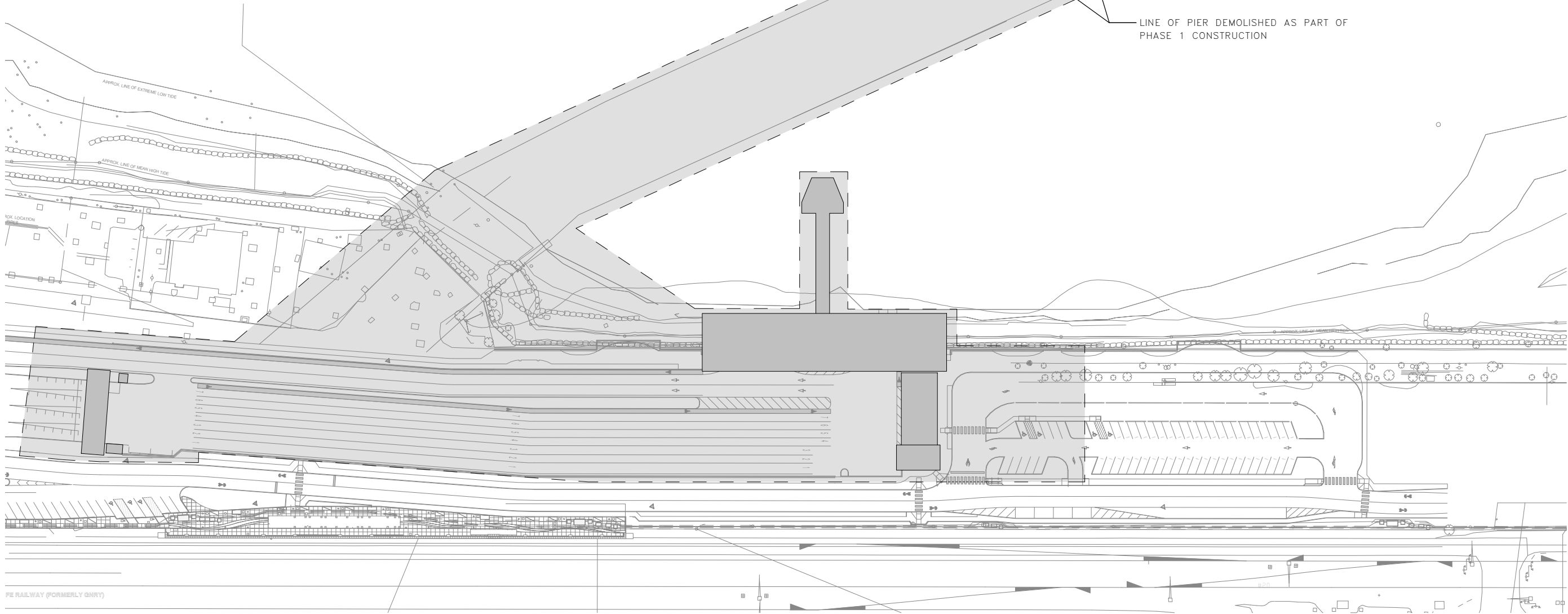
LEGEND



ALL ITEMS INSIDE HATCHED REGION
ARE WITHIN LEED BOUNDARY

DASHED LINE REPRESENTS PERIMETER
OF LEED BOUNDARY

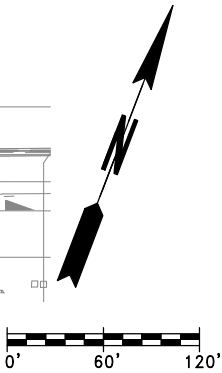
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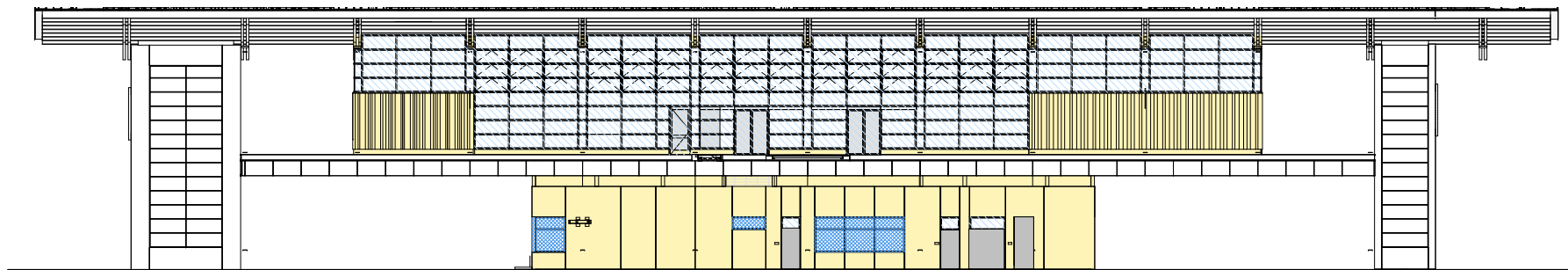
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1 LEED BOUNDARY SITE PLAN
A00.40

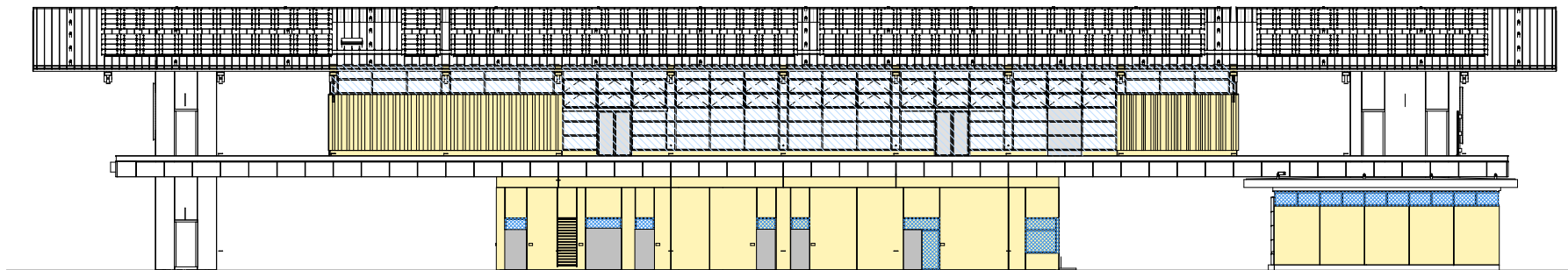
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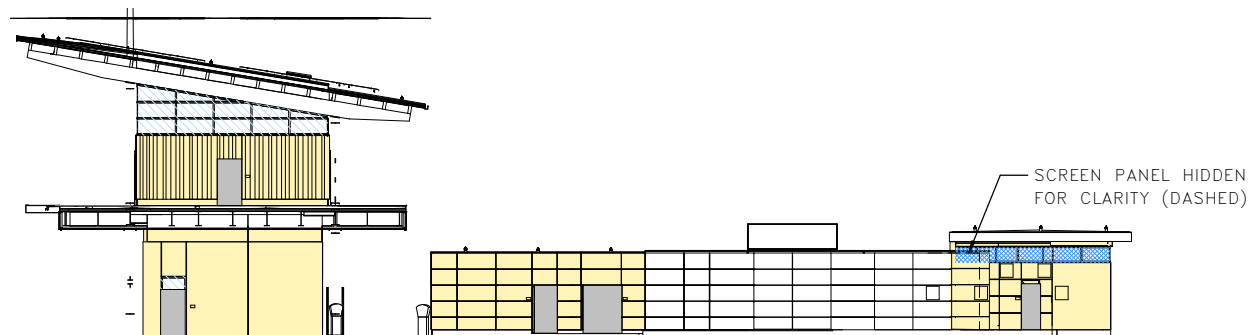
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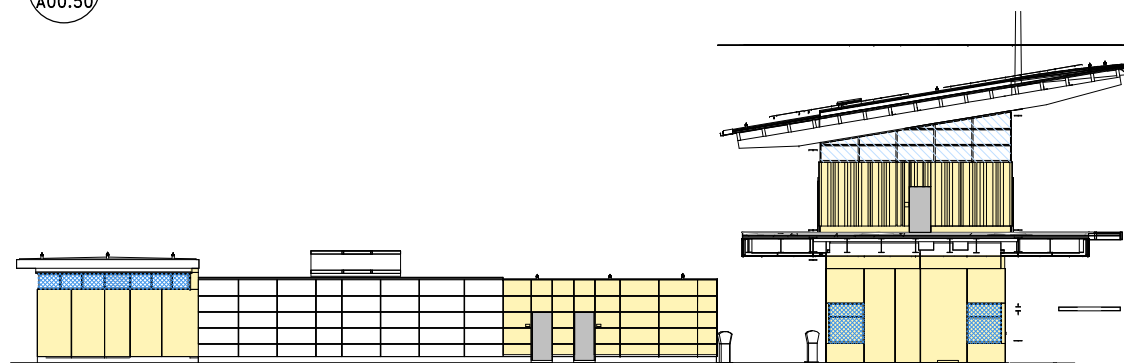
1 NORTH
A00.50



2 SOUTH
A00.50



3 WEST
A00.50



4 EAST
A00.50

FACADE AREAS — TERMINAL

TOTALS:

SOUTH TRANSPARENT WALL AREA: 2,057 SF
SOUTH OPAQUE WALL AREA: 2,869 SF
GLAZING % SOUTH: 42%

WEST TRANSPARENT WALL AREA: 234 SF
WEST OPAQUE WALL AREA: 1,091 SF
GLAZING % WEST: 15%

EAST TRANSPARENT WALL AREA: 286 SF
EAST OPAQUE WALL AREA: 1,394 SF
GLAZING % EAST: 18%

NORTH TRANSPARENT WALL AREA: 2,809 SF
NORTH OPAQUE WALL AREA: 2,170 SF
GLAZING % NORTH: 56%

TOTAL TRANSPARENT WALL AREA: 5,386 SF
TOTAL OPAQUE WALL AREA: 7,524 SF
TOTAL BUILDING: 12,910 SF
GLAZING % TOTAL BUILDING: 42%

NOTES:

1. ONLY AREAS ENCLOSING CONDITIONED SPACES CONSIDERED IN ABOVE CALCULATION.
2. COMPONENT PATH IS BEING USED FOR ENVELOPE CALCULATIONS TO MEET WA STATE ENERGY CODE.
3. SLIDING GLASS DOORS ARE INCLUDED IN CURTAIN WALL AREA — 285 SF WITH A 0.4 U VALUE



CURTAIN WALL

NORTH VERTICAL FENESTRATION AREA — 2672 SF
NON-NORTH VERTICAL FENESTRATION AREA — 2237 SF
U VALUE — 0.35
SHGC VALUE — 0.27



STOREFRONT

NORTH VERTICAL FENESTRATION AREA — 137 SF
NON-NORTH VERTICAL FENESTRATION AREA — 340 SF
U VALUE — 0.35
SHGC VALUE — 0.27



EXTERIOR WALLS NOT PART OF THERMAL ENCLOSURE



EXTERIOR SWINGING DOOR

TOTAL AREA — 176 SF
U VALUE — .37

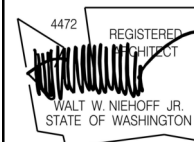


EXTERIOR WALL WITH OPAQUE SURFACE

LMN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt

PRINTED: 1/16/2019 1:54:40 PM	LAST PRINTED BY: MGREENSHIELDS				FED.AID PROJ.NO.
SUBMITTAL DATE: 01/18/2019	01/18/2019				WA-2017-007-00
DESIGNED BY: H. FITZPATRICK	01/18/2019				REGION NO. 10 STATE WA
ENTERED BY: G. BISHOP	01/18/2019				JOB NUMBER 18W121
CHECKED BY: M. FISHER	01/18/2019				CONTRACT NO. 00****
MAR PROJ ENGR: C. TORRES		CONFORMED PLANS	01/18/19		
DGN ENGR MNGR: N. MCINTOSH		REVISION	DATE	BY	
ASST SECRETARY: A. SCARTON					

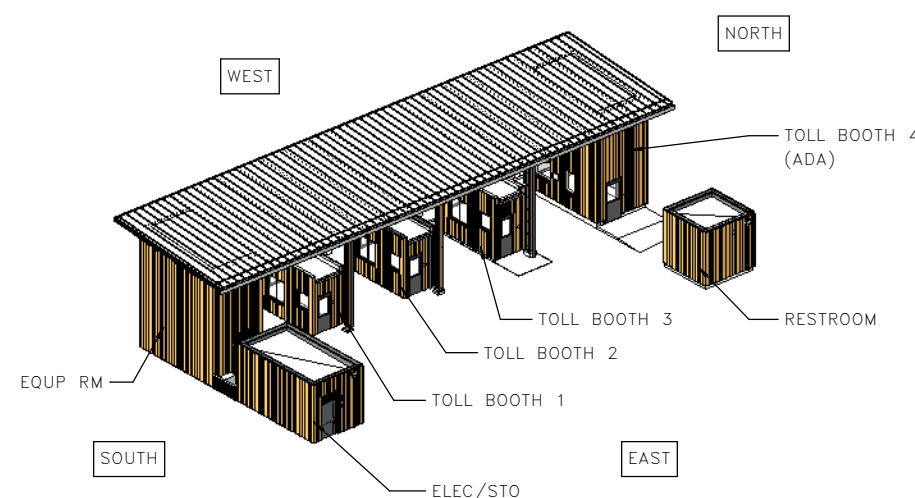


01/18/19
DATE

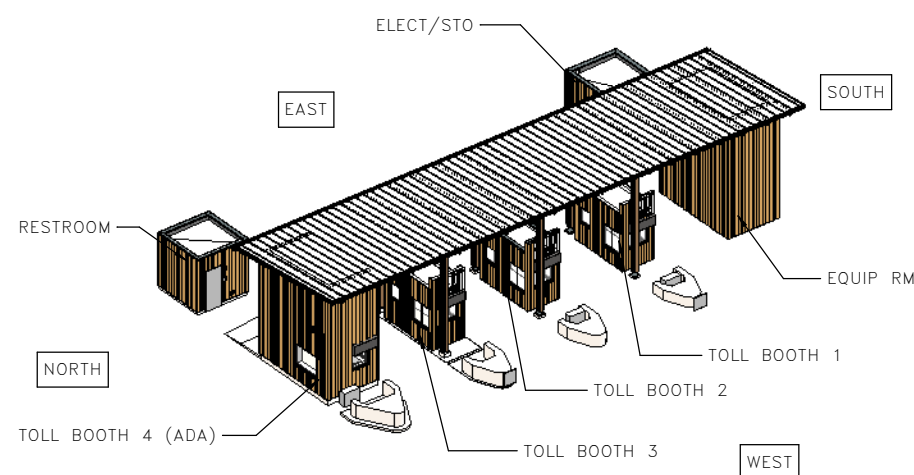


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL — FACADE AREAS

A00.50
SHEET
858
OF
1521
SHEETS

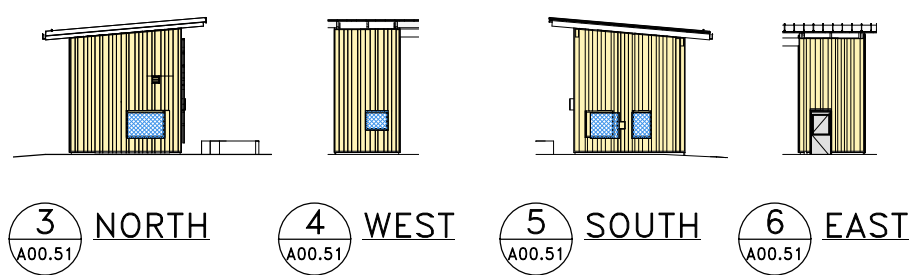


1 TOLL – ORIENTATION DIAGRAM
A00.51

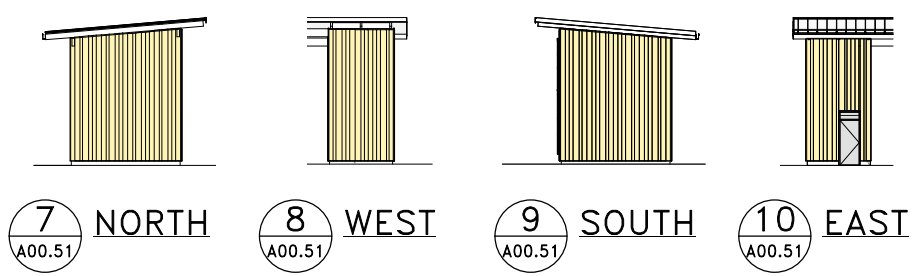


2 TOLL – ORIENTATION DIAGRAM
A00.51

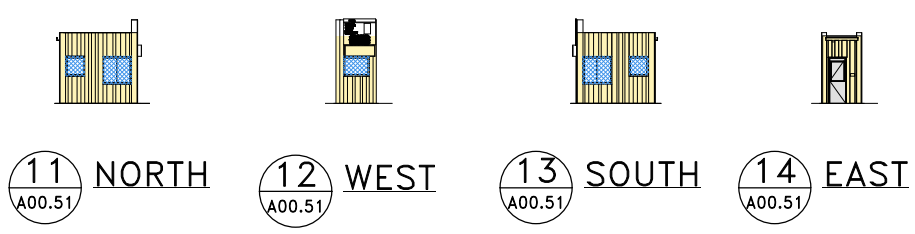
TOLL BOOTH 4 (ADA)



EQUIP RM



TOLL BOOTHS 1, 2, & 3



RESTROOM



ELEC/STO



FACADE AREAS – TOLL PLAZA

TOLL BOOTHS 1, 2, & 3
TOTAL TRANSPARENT WALL AREA: 67 SF (201 SF)
TOTAL OPAQUE WALL AREA: 313 SF (939 SF)
GLAZING % TOTAL BUILDING: 21 % (21 %)

ADA TOLL BOOTH (1 BOOTH)
TOTAL TRANSPARENT WALL AREA: 67 SF
TOTAL OPAQUE WALL AREA: 931 SF
GLAZING % TOTAL BUILDING: 07 %

ADA RESTROOM
TOTAL TRANSPARENT WALL AREA: 00 SF
TOTAL OPAQUE WALL AREA: 389 SF
GLAZING % TOTAL BUILDING: 00 %

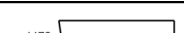

EQUIPMENT ROOM
TOTAL TRANSPARENT WALL AREA: 00 SF
TOTAL OPAQUE WALL AREA: 773 SF
GLAZING % TOTAL BUILDING: 00 %

ELECTRICAL/STORAGE ROOM
TOTAL TRANSPARENT WALL AREA: 00 SF
TOTAL OPAQUE WALL AREA: 591 SF
GLAZING % TOTAL BUILDING: 00 %

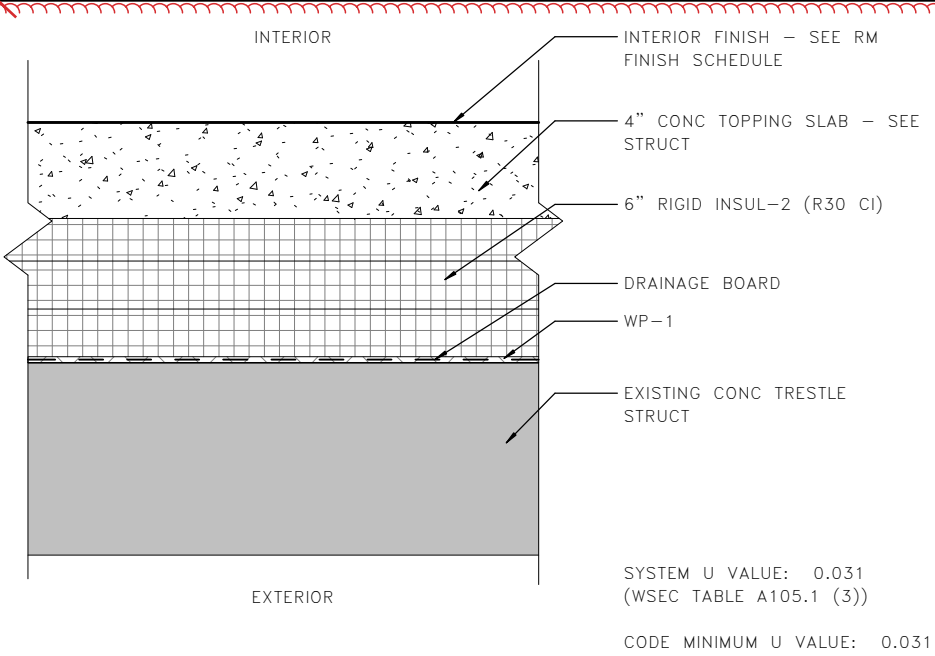
Notes:
1. Only areas enclosing conditioned spaces considered in above calculation.
2. Prescriptive Path to be used for envelope calculations to meet WA State Energy Code.

- STOREFRONT
NORTH VERTICAL FENESTRATION AREA – 107 SF
NON-NORTH VERTICAL FENESTRATION AREA – 161 SF
U VALUE – 0.35
SHGC VALUE – 0.27
- EXTERIOR WALLS NOT PART OF THERMAL ENCLOSURE
- EXTERIOR SWINGING DOOR
TOTAL AREA – 176 SF
U VALUE – .37
- EXTERIOR WALL WITH OPAQUE SURFACE



FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt										<div>4472 REGISTERED ARCHITECT  WALT W. NIEHOFF JR. STATE OF WASHINGTON</div>		<div> Washington State Department of Transportation WASHINGTON STATE FERRIES</div>		SR 525		A00.51
PRINTED: 1/16/2019 1:54:51 PM		LAST PRINTED BY:		FED.AID PROJ.NO.		MUKILTEO FERRY TERMINAL (PHASE 2)										
SUBMITTAL DATE: 01/18/2019		MGREENSHIELDS		01/18/2019		WA-2017-007-00		REGION NO. 10		STATE WA		FERRY TERMINAL CONSTRUCTION		SHEET 859		
DESIGNED BY: H. FITZPATRICK		01/18/2019		01/18/2019		01/18/2019		JOB NUMBER 18W121		CONTRACT NO. 00****		TOLL PLAZA – FACADE AREAS		OF 1521 SHEETS		
ENTERED BY: G. BISHOP		01/18/2019		01/18/2019		01/18/2019		CONFORMED PLANS		DATE 01/18/19						
CHECKED BY: M. FISHER		01/18/2019		01/18/2019		01/18/2019		REVISION		DATE BY:						
MAR PROJ ENGR: C. TORRES																
DGN ENGR MNGR: N. MCINTOSH																
ASST SECRETARY: A. SCARTON																

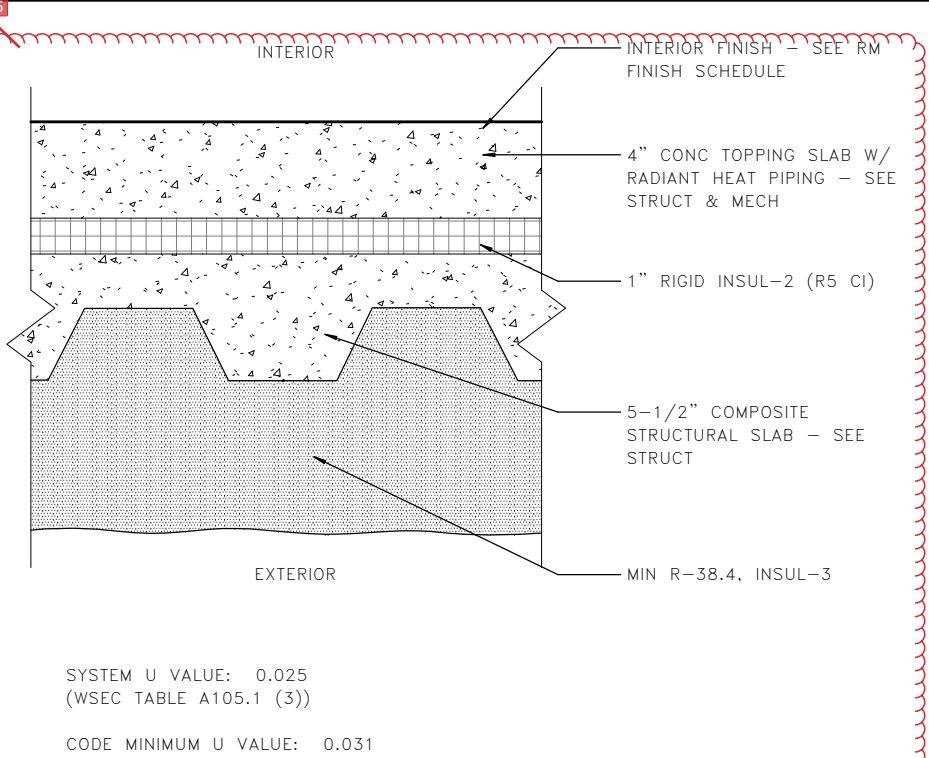
RFI 225



1 FLOOR ASSEMBLY 1 (FA-1)

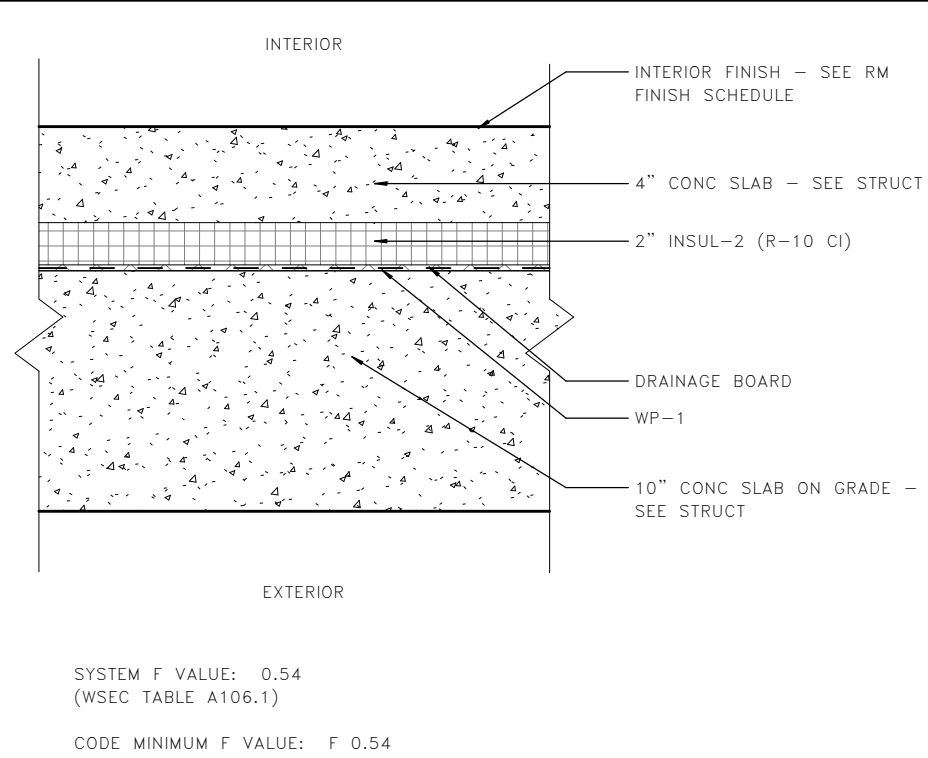
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RFI 225



2 FLOOR ASSEMBLY 2 (FA-2)

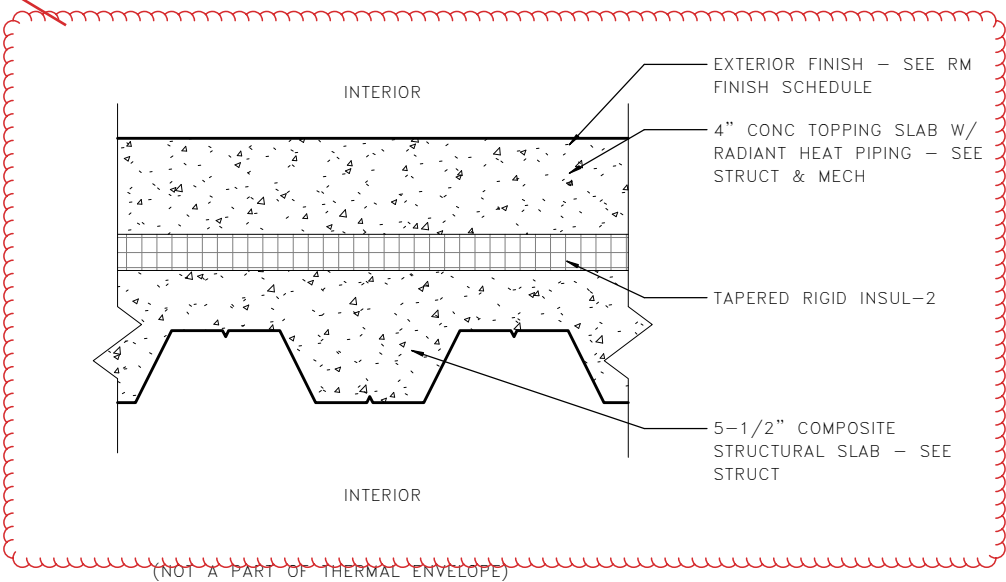
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3 FLOOR ASSEMBLY 3 (FA-3)

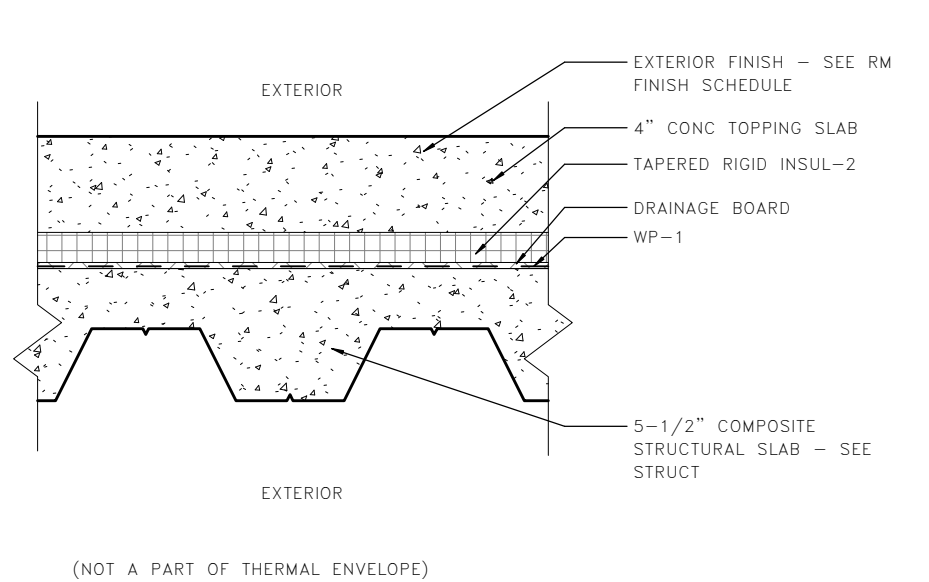
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RFI 225



4 FLOOR ASSEMBLY 4 (FA-4)

A00.60



5 FLOOR ASSEMBLY 5 (FA-5)

A00.60

RFI 225 - Floor Types and Elevations

FA-2 - Add insulation to get top of slab elevation of 40'-7 1/2"

FA-2 - Slope topping slab for drainage, minimum concrete topping slab should be no less than 3" thick.

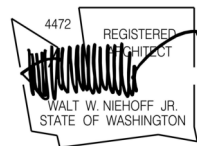
FA-4 - Do not taper insulation

FA-1 - Keep 6" of insulation. Eliminate the 2" recess at Toilet 107 and Shower 107B and slope topping to drain per revised A01.02 and 1/AD04.07. See Plumbing P05.00.and P06.00 for updated drain information to coordinate w/ tile specification.

LMN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt					FED.AID PROJ.NO.	
PRINTED: 1/16/2019 1:54:53 PM	LAST PRINTED BY: MGREENSHIELDS				WA-2017-007-00	
SUBMITTAL DATE: 01/18/2019					REGION NO. 10 STATE WA	
DESIGNED BY: H. FITZPATRICK	01/18/2019				JOB NUMBER 18W121	
ENTERED BY: G. BISHOP	01/18/2019				CONTRACT NO. 00****	
CHECKED BY: M. FISHER	01/18/2019					
MAR PROJ ENGR: C. TORRES						
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19			
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY		

DATE



01/18/19

DATE

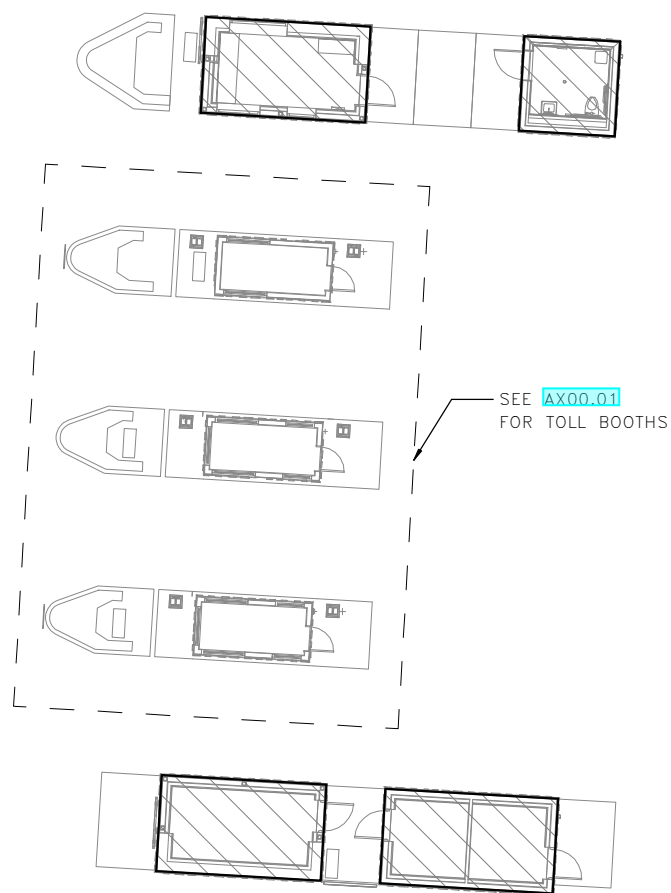
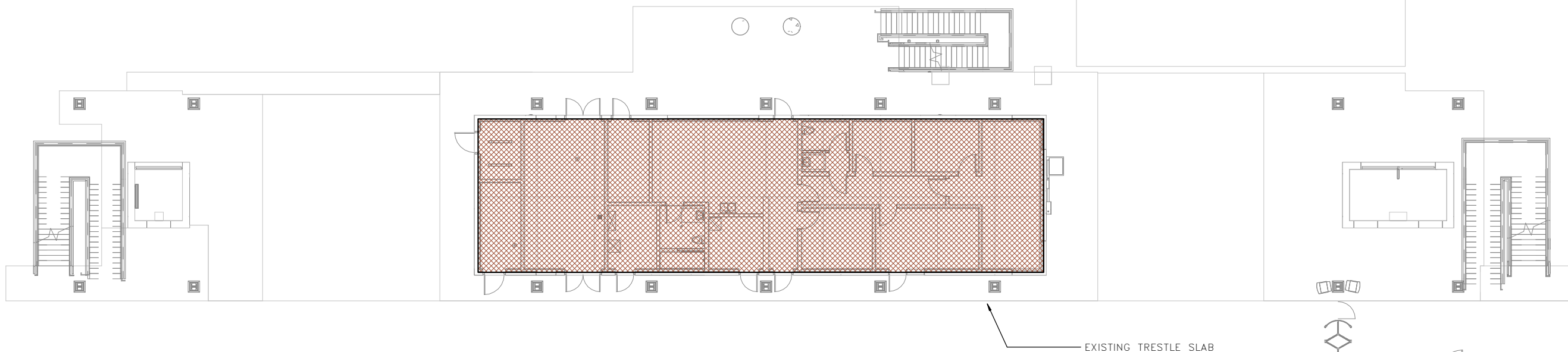


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

FLOOR ASSEMBLIES

A00.60

SHEET
860
OF
1521
SHEETS

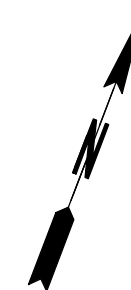
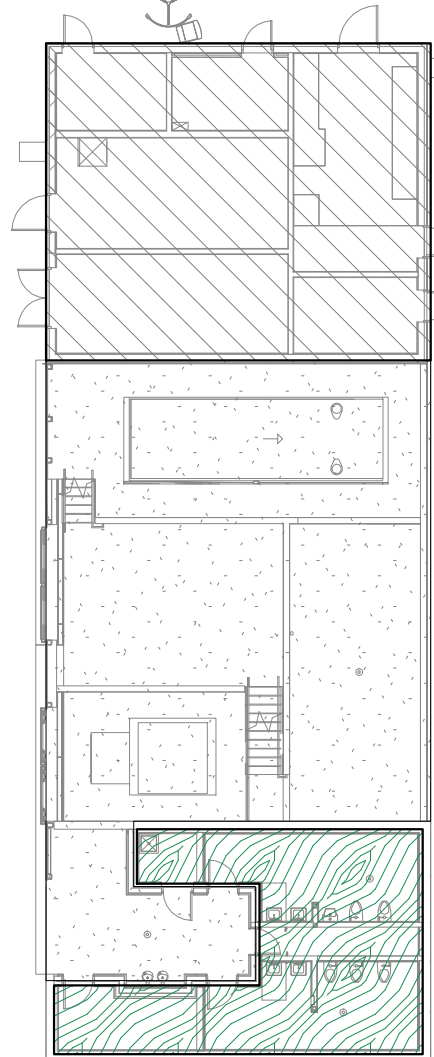


2 LEVEL 1 – TOLL
A00.61

FLOOR ASSEMBLIES LEGEND

SEE A00.60 FOR ASSEMBLIES

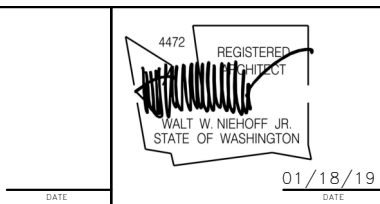
- FA-1
- FA-2
- FA-3
- FA-4
- FA-5
- CONCRETE SOG W/ PERIMETER INSULATION
- CONCRETE SOG – SEE STRUCT NOT PART OF THERMAL ENCLOSURE



1 LEVEL 1 – TERMINAL
A00.61

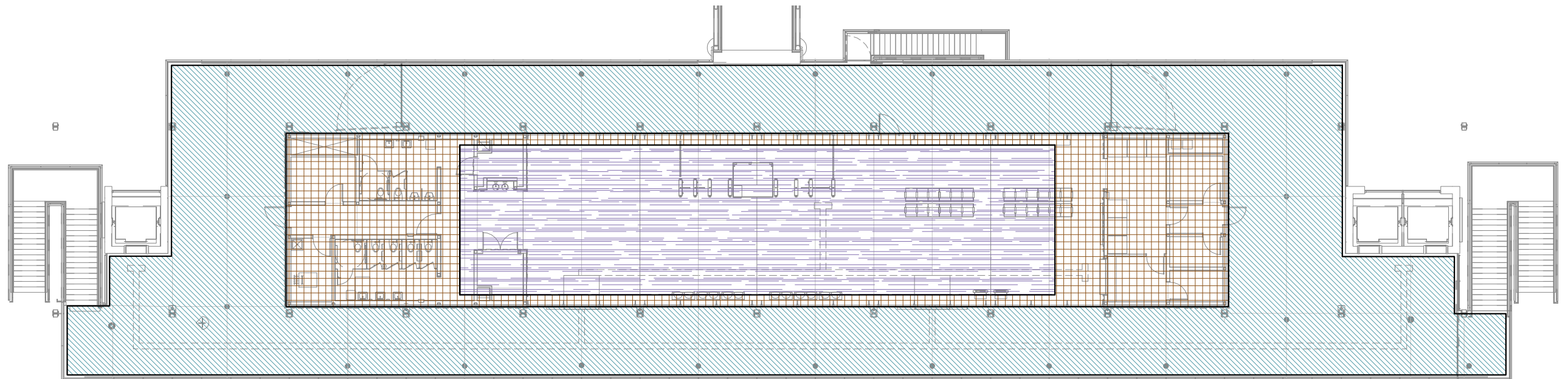
LMN

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DESIGNED BY: H. FITZPATRICK	01/18/2019				10 WA	
ENTERED BY: G. BISHOP	01/18/2019				JOB NUMBER	
CHECKED BY: M. FISHER	01/18/2019				18W121	
MAR PROJ ENGR: C. TORRES					CONTRACT NO.	
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19		00****	
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY		



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
FLOOR ASSEMBLIES DIAGRAM – LEVEL 1

A00.61
SHEET
861
OF
1521
SHEETS

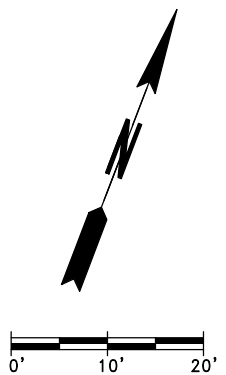


1 LEVEL 2 OVERALL
A00.62

FLOOR ASSEMBLIES LEGEND

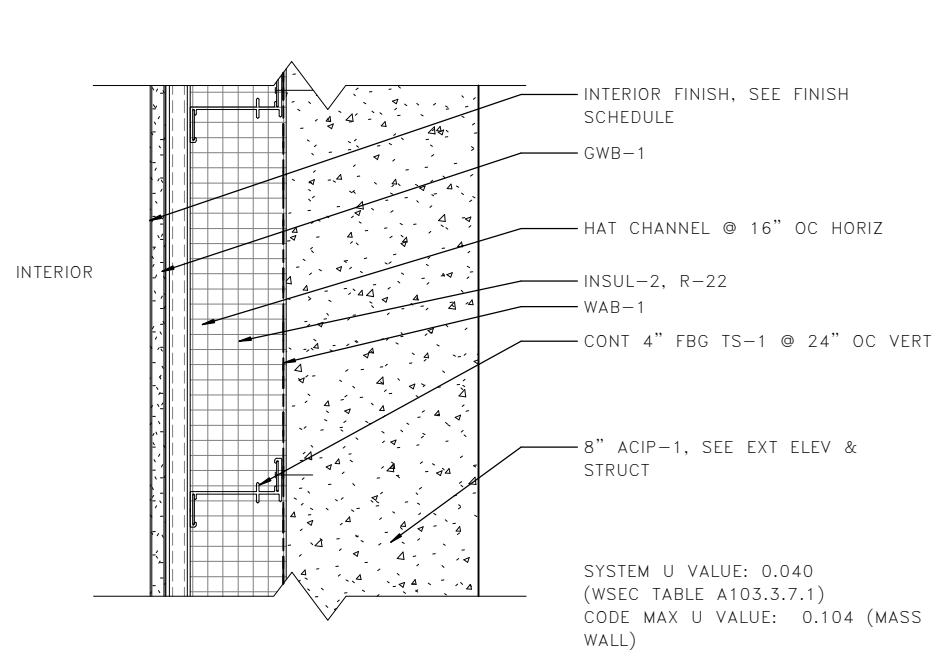
SEE A00.60 FOR ASSEMBLIES

- FA-1
- FA-2
- FA-3
- FA-4
- FA-5
- CONCRETE SOG W/ PERIMETER INSULATION
- CONCRETE SOG — SEE STRUCT NOT PART OF THERMAL ENCLOSURE

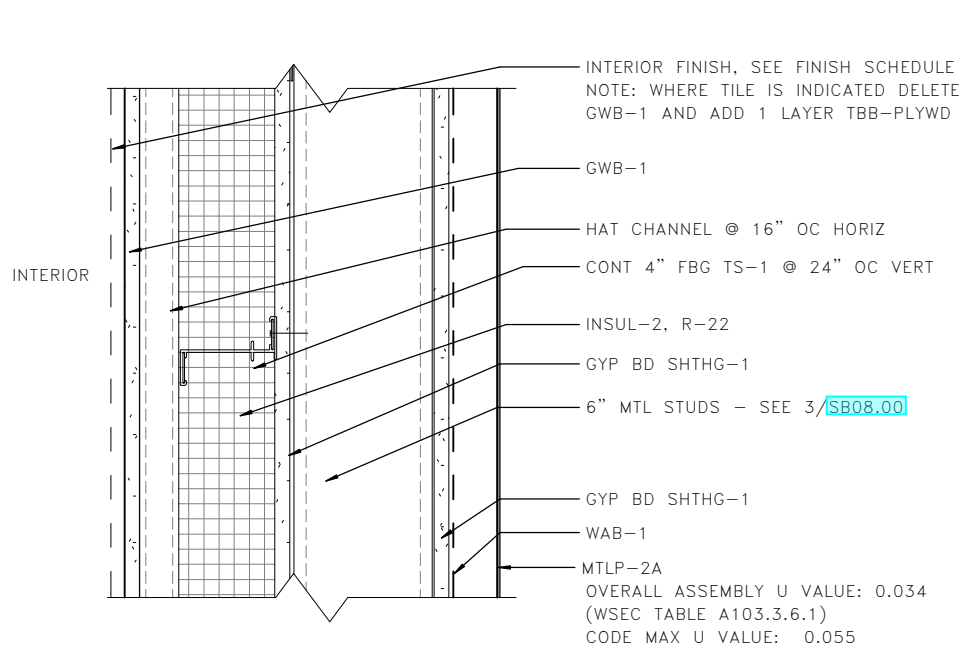


LMN

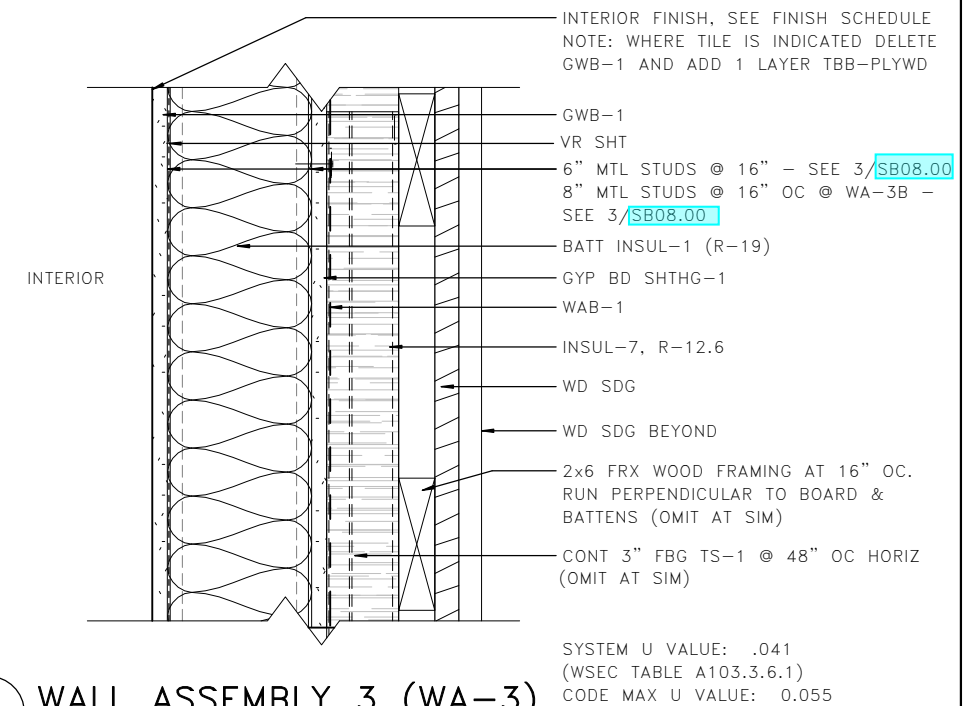
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PRINTED: 1/16/2019 1:55:05 PM		LAST PRINTED BY: MGREENSHIELDS		FED.AID PROJ.NO.		MUKILTEO FERRY TERMINAL (PHASE 2)		SHEET 862									
SUBMITTAL DATE: 01/18/2019		MGREENSHIELDS		01/18/2019		WA-2017-007-00		FERRY TERMINAL CONSTRUCTION		OF 1521 SHEETS							
DESIGNED BY: H. FITZPATRICK		01/18/2019		REGION NO. 10		STATE WA		FLOOR ASSEMBLIES DIAGRAM – LEVEL 2									
ENTERED BY: G. BISHOP		01/18/2019		JOB NUMBER 18W121		CONTRACT NO. 00****											
CHECKED BY: M. FISHER		01/18/2019		CONFORMED PLANS		01/18/19											
MAR PROJ ENGR: C. TORRES				REVISION		DATE BY											
DGN ENGR MNGR: N. MCINTOSH																	
ASST SECRETARY: A. SCARTON																	



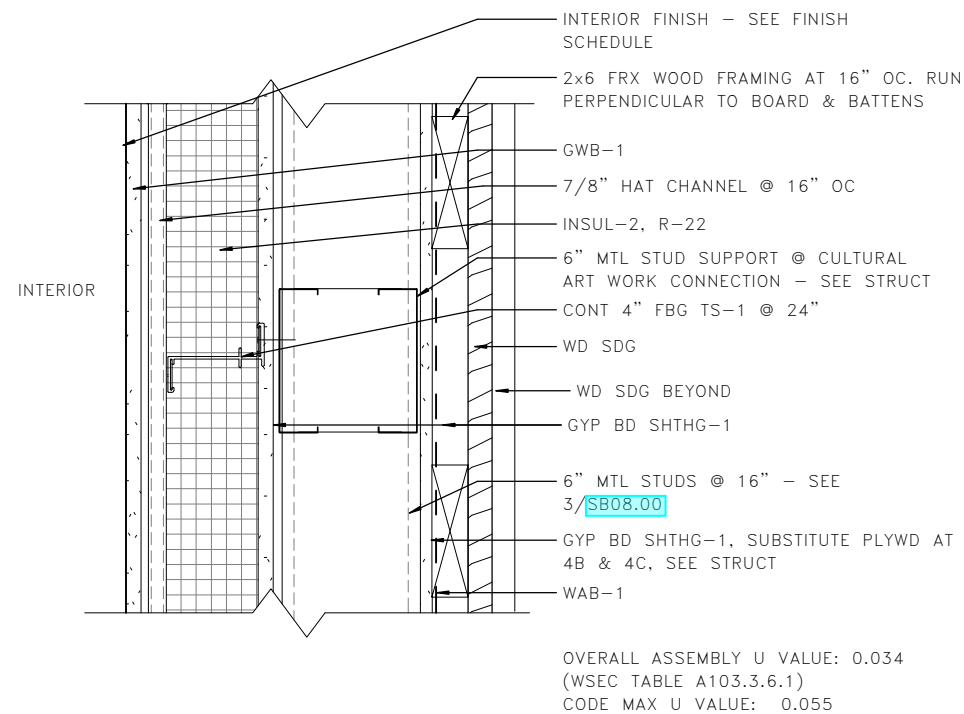
1 WALL ASSEMBLY 1 (WA-1)
A00.65



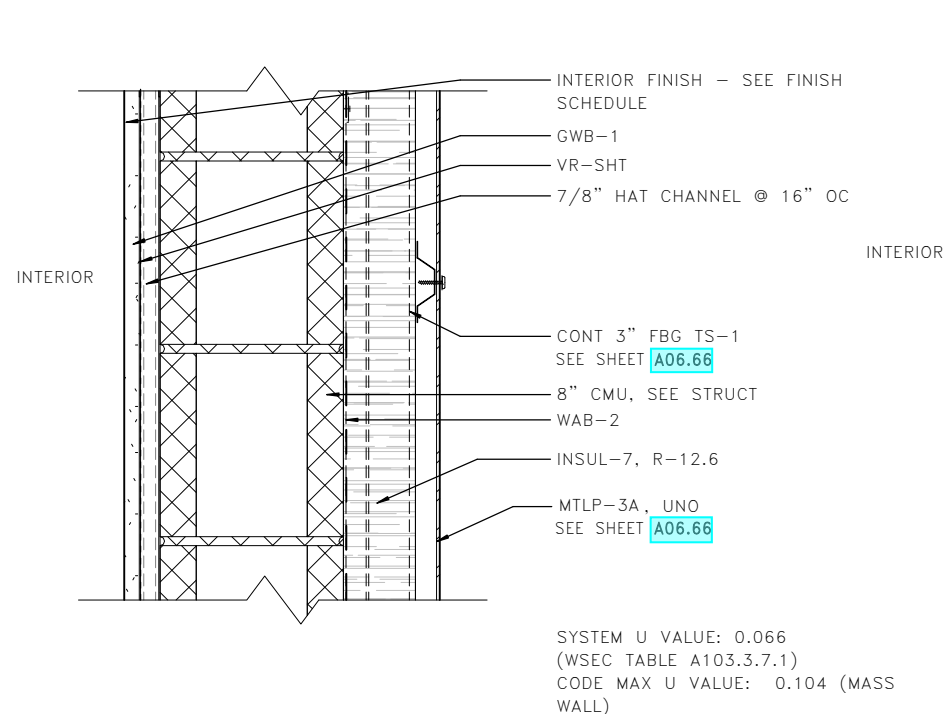
2 WALL ASSEMBLY 2 (WA-2)
A00.65



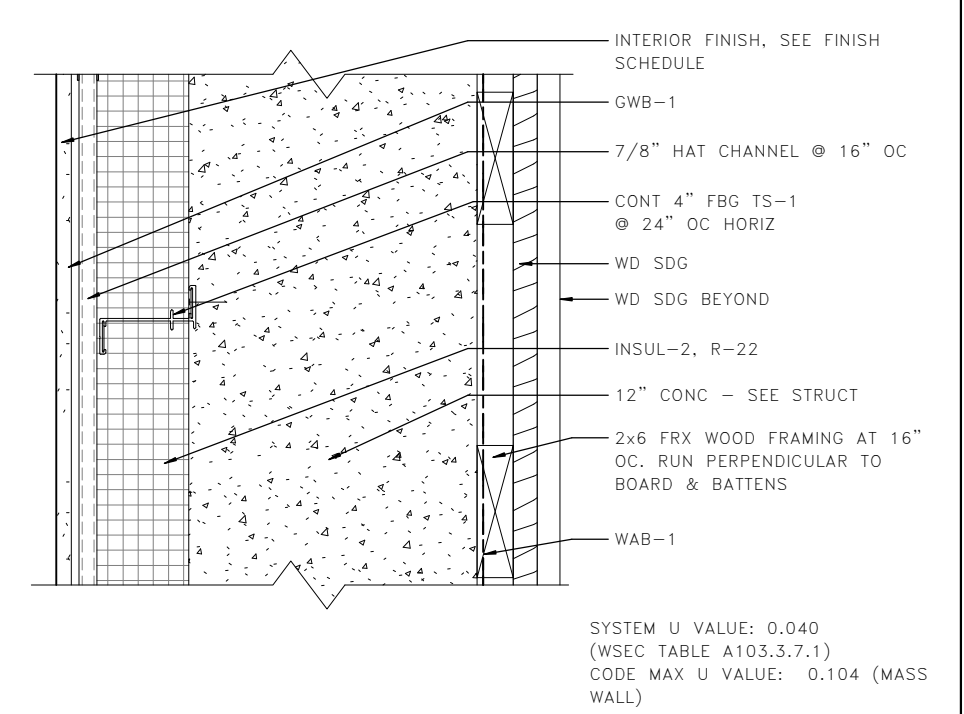
3 WALL ASSEMBLY 3 (WA-3)
A00.65



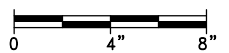
4 WALL ASSEMBLY 4 (WA-4)
A00.65



5 WALL ASSEMBLY 5 (WA-5)
A00.65

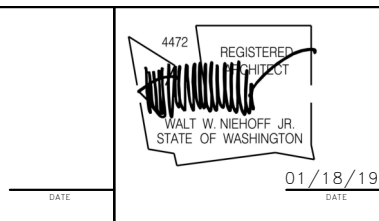


6 WALL ASSEMBLY 6 (WA-6)
A00.65

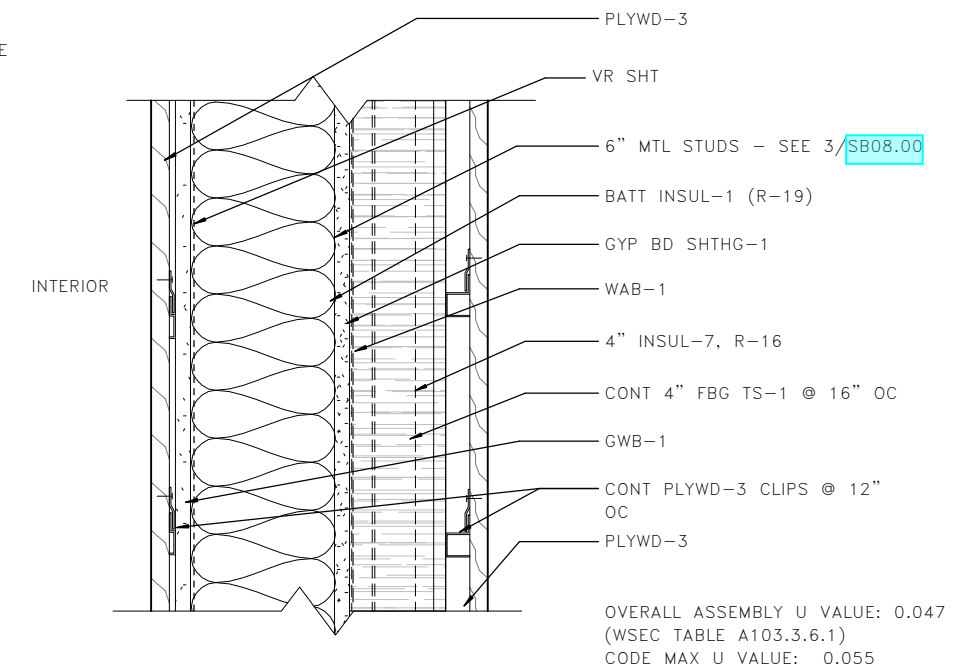
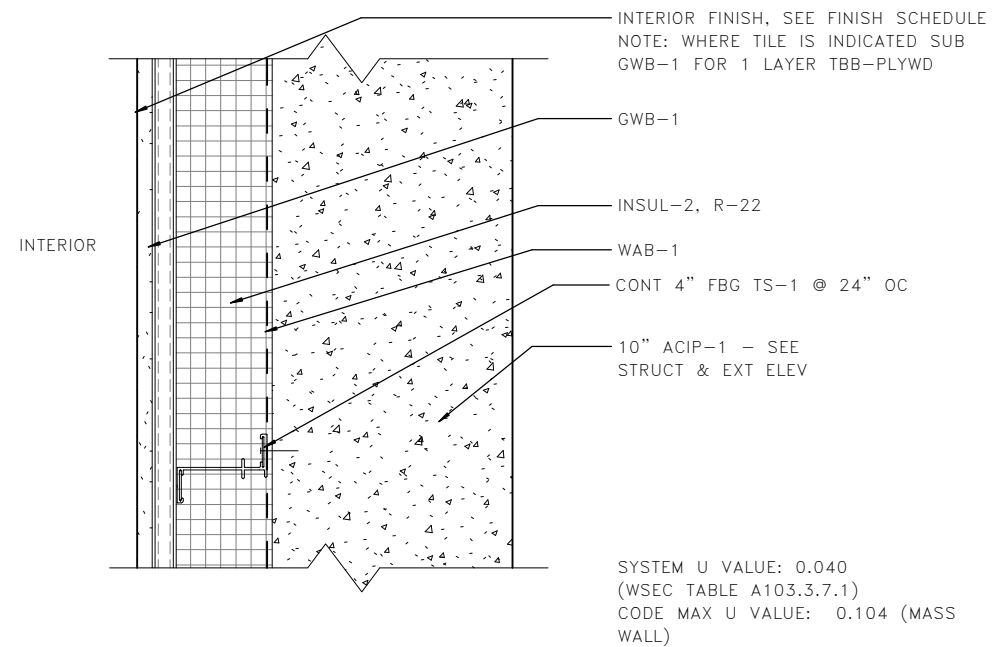


LMN

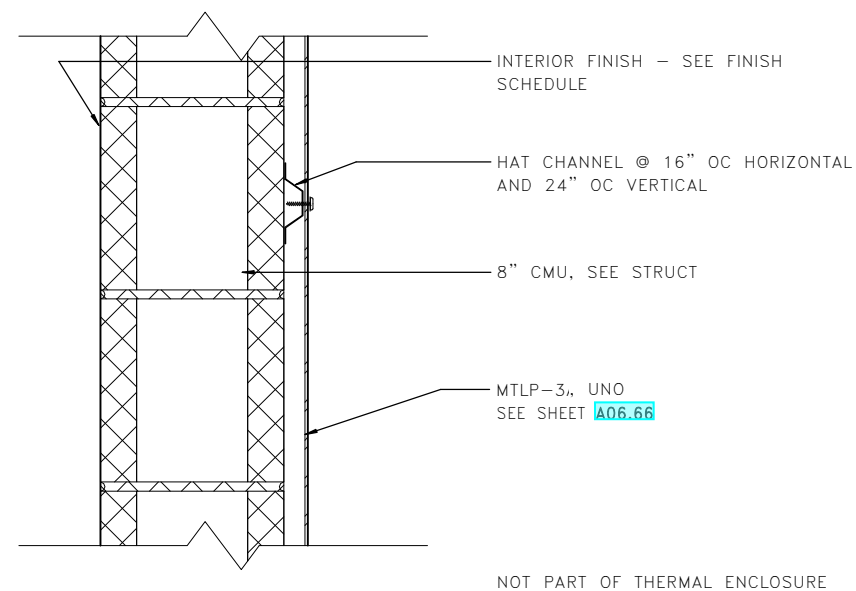
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SUBMITTAL DATE: 01/18/2019	01/18/2019			WA-2017-007-00
DESIGNED BY: H. FITZPATRICK	01/18/2019			REGION NO. 10 STATE WA
ENTERED BY: G. BISHOP	01/18/2019			JOB NUMBER 18W121
CHECKED BY: M. FISHER	01/18/2019			CONTRACT NO. 00****
MAR PROJ ENGR: C. TORRES				
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19	
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY



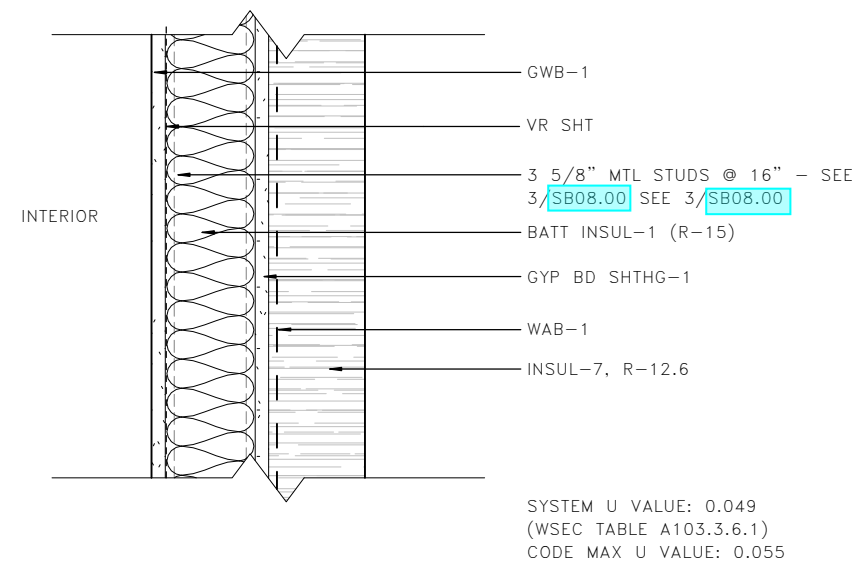
SR 525 MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION		A00.65
EXTERIOR WALL ASSEMBLIES		SHEET 863 OF 1521 SHEETS



1 NOT USED
A00.66



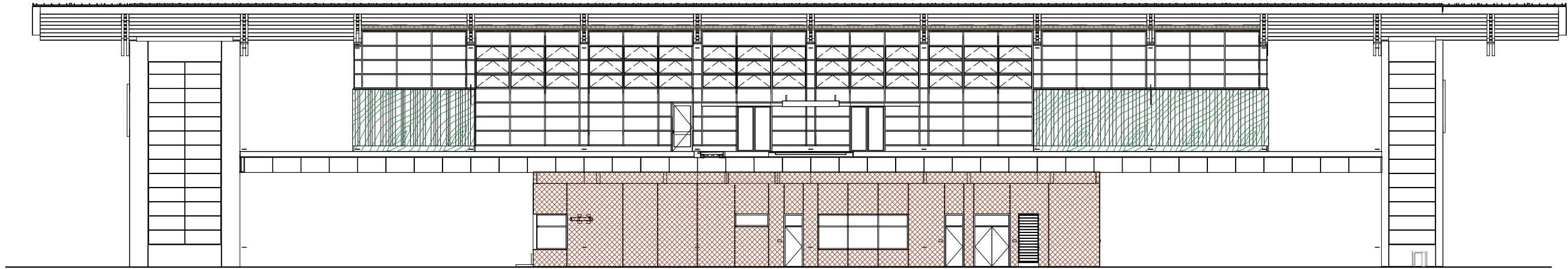
4 WALL ASSEMBLY 10 (WA-10)
A00.65



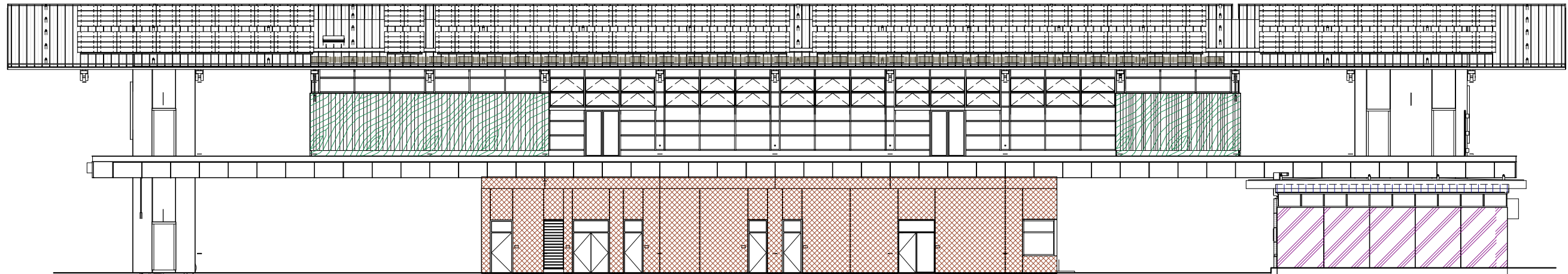
5 WALL ASSEMBLY 11 (WA-11)
A00.65



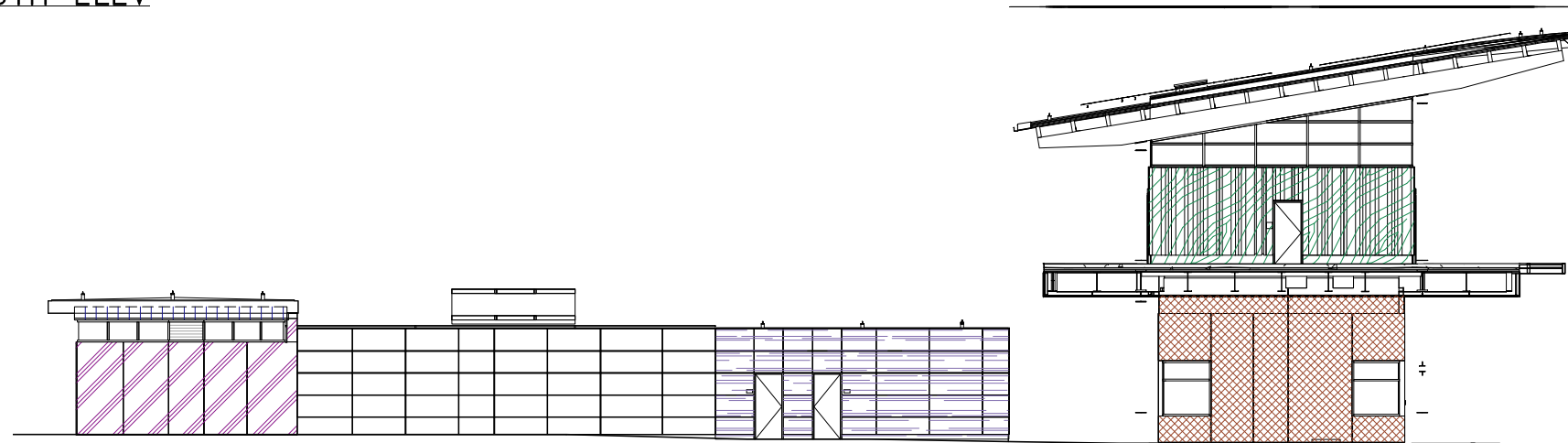
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SUBMITTAL DATE: 01/18/2019		MCGREENSHIELDS		WA-2017-007-00		REGION NO. 10 STATE WA		JOB NUMBER 18W121		MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION EXTERIOR WALL ASSEMBLIES							
DESIGNED BY: H. FITZPATRICK		01/18/2019		CONTRACT NO. 00****													
ENTERED BY: G. BISHOP		01/18/2019		CONFORMED PLANS 01/18/19													
CHECKED BY: M. FISHER		01/18/2019		REVISION		DATE BY											
MAR PROJ ENGR: C. TORRES																	
DGN ENGR MNGR: N. MCINTOSH																	
ASST SECRETARY: A. SCARTON																	



1 WA DIAGRAM – NORTH ELEV













2 WA DIAGRAM – SOUTH ELEV

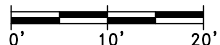


3 WA DIAGRAM – EAST ELEV

WALL ASSEMBLIES LEGEND

SEE A00.65 & 66 FOR ASSEMBLIES

	WA-1	NOT USED	WA-7
	WA-2		WA-8
	WA-3		WA-9
	WA-4		WA-10
	WA-5		WA-11
	WA-6		



LMN

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ENTERED BY: G. BISHOP					JOB NUMBER	
CHECKED BY: M. FISHER					18W121	
MAR PROJ ENGR: C. TORRES					CONTRACT NO.	
DGN ENGR MNGR: N. MCINTOSH					00****	
ASST SECRETARY: A. SCARTON						
CONFORMED PLANS			01/18/19			
REVISION			DATE	BY		



01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
WALL ASSEMBLIES DIAGRAM – TERMINAL

A00.67
SHEET
865
OF
1521
SHEETS

1 WA DIAGRAM – WEST ELEV

WA-4 CONTINUES TO FLOOR @ EAST HIDDEN ELEV

WA-6 CONTINUES TO FLOOR @ EAST HIDDEN ELEV

WA-4 CONTINUES TO FLOOR @ WEST HIDDEN ELEV

WA-5 EXTENDS TO NORTH SIDE OF MAINTENANCE BUILDING

WA-2 EXTENDS TO NORTH & SOUTH ELEV @ INTERIOR –
SEE 3 / A05.20
SEE 4 / A05.20

2 TOLL PLAZA – EAST

TOLL BOOTHS ARE WSF DESIGN
SEE SHEETS AX00.01

3 TOLL PLAZA – WEST











TOLL BOOTHS ARE WSF DESIGN
SEE SHEETS AX00.01

4 TOLL PLAZA – NORTH

5 TOLL PLAZA – SOUTH

WALL ASSEMBLIES LEGEND

SEE A00.65 & 66 FOR ASSEMBLIES

	WA-1	NOT USED	WA-7
	WA-2		WA-8
	WA-3		WA-9
	WA-4		WA-10
	WA-5		WA-11
	WA-6		

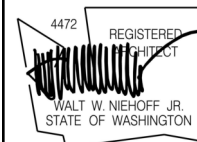
0' 10' 20'

LMN

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ENTERED BY: G. BISHOP	01/18/2019				JOB NUMBER 18W121
CHECKED BY: M. FISHER	01/18/2019				CONTRACT NO. 00****
MAR PROJ ENGR: C. TORRES					
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19		
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY	

DATE

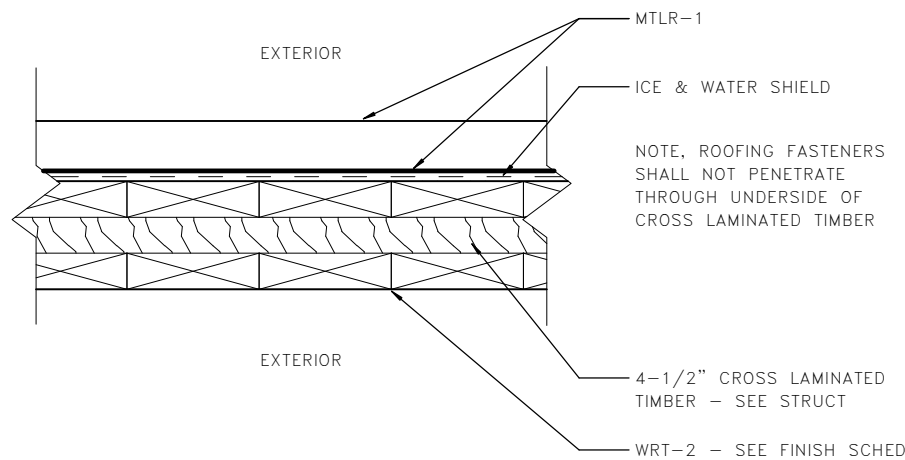


01/18/19
DATE



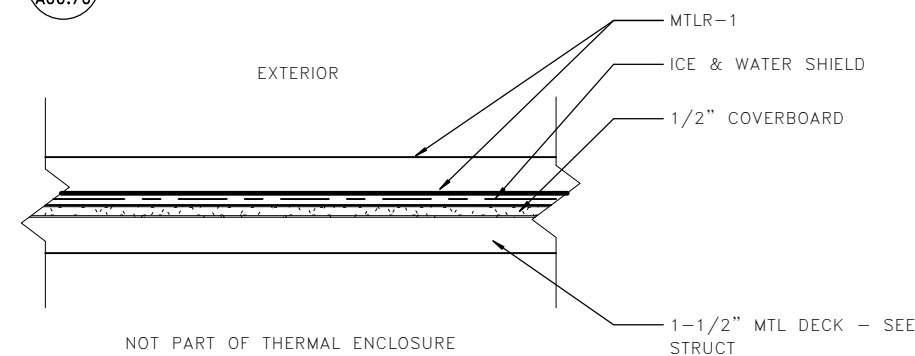
SR 525 MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION
WALL ASSEMBLIES DIAGRAM – TB & TOLL

A00.68
SHEET 866 OF 1521 SHEETS



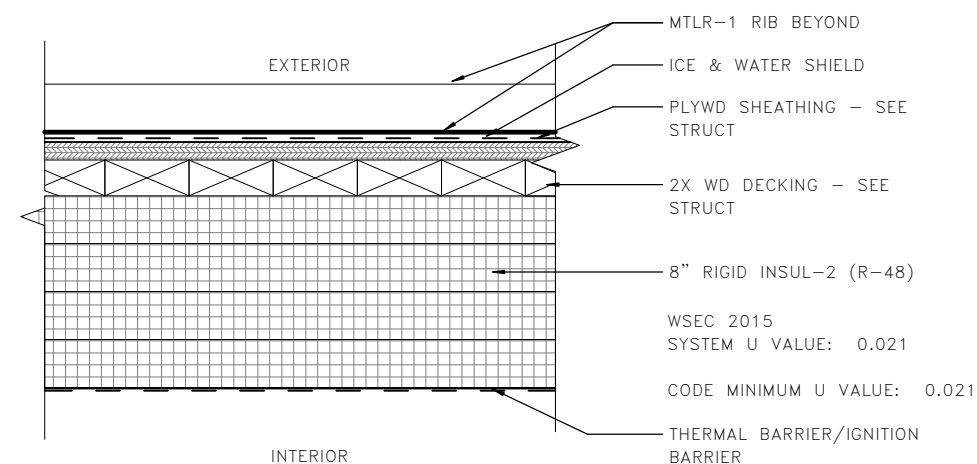
NOT PART OF THERMAL ENCLOSURE

1 ROOF TYPE 1 (RT-1)
A00.70



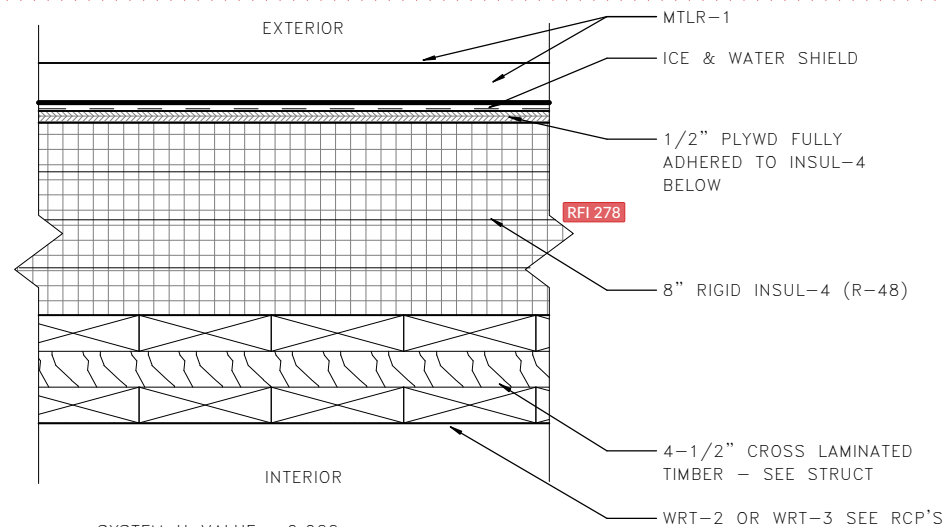
NOT PART OF THERMAL ENCLOSURE

4 ROOF TYPE 4 (RT-4)
A00.70



INTERIOR

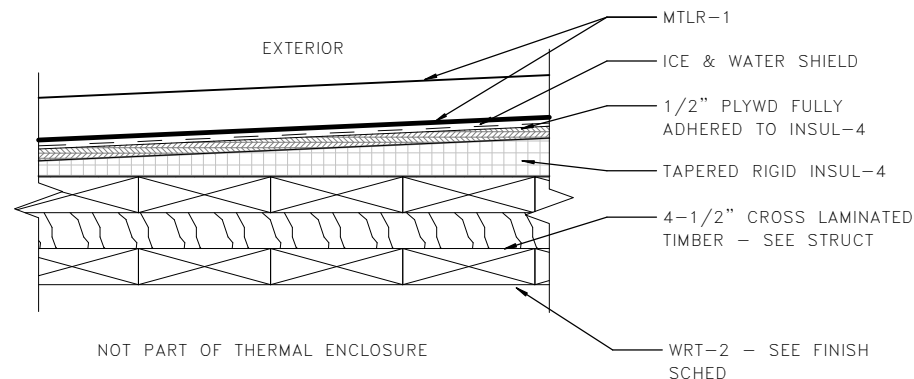
7 ROOF TYPE 7 (RT-7)
A00.70



SYSTEM U VALUE: 0.022
(WSEC TABLE A102.2.6)

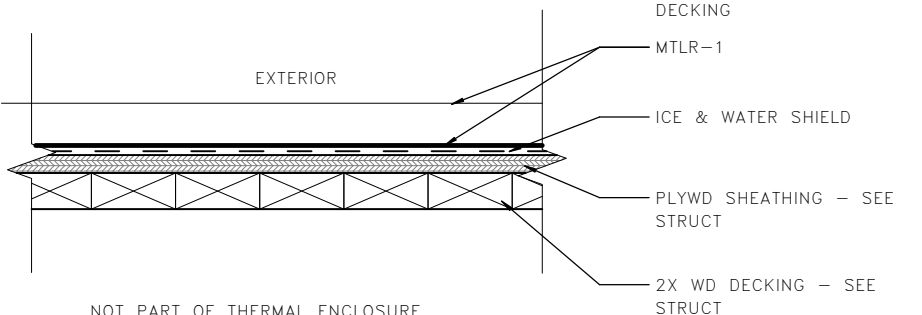
CODE MINIMUM U VALUE: 0.034

2 ROOF TYPE 2 (RT-2)
A00.70



NOT PART OF THERMAL ENCLOSURE

5 ROOF TYPE 5 (RT-5)
A00.70

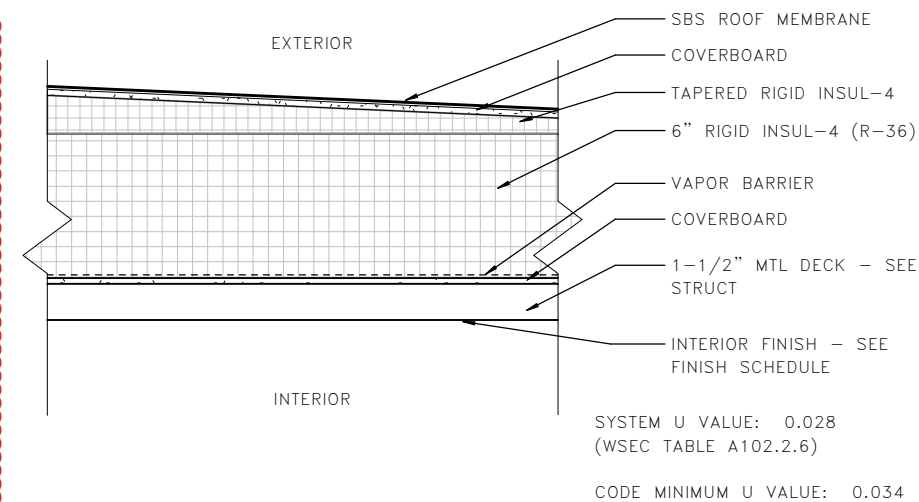


NOT PART OF THERMAL ENCLOSURE

8 ROOF TYPE 8 (RT-8)
A00.70

RFI 278 - Roof Insulation Depth

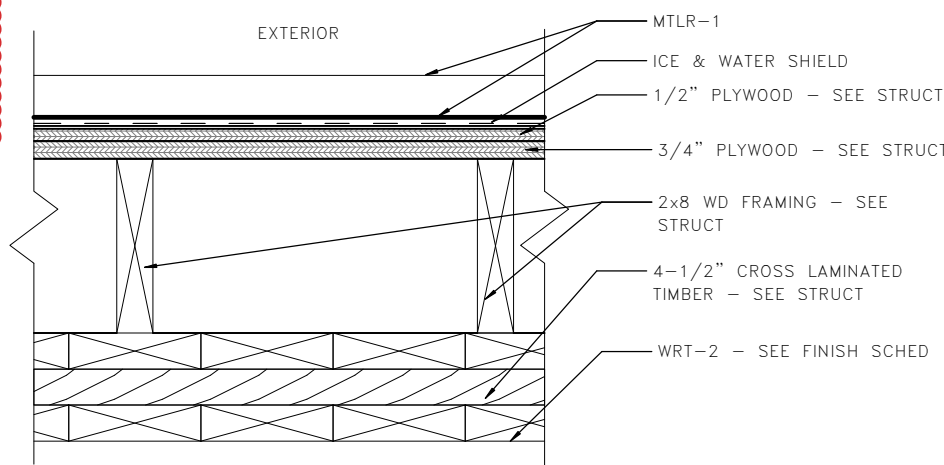
Based on our energy model we have a little leeway on the R-48 insulation value at the roof and ask that you keep the depths as indicated in the drawings, using 4" polyiso under 4" polyiso with 5/8" cdx plywood - that should result in an R value of 44.7 (23.6 + 21.1). This way the detail for RT-6 should remain as drawn as well.



SYSTEM U VALUE: 0.028
(WSEC TABLE A102.2.6)

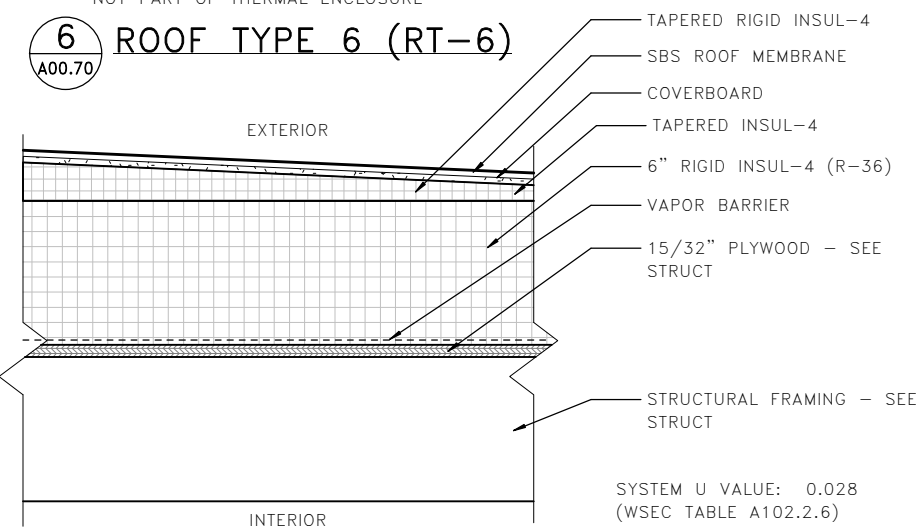
CODE MINIMUM U VALUE: 0.034

3 ROOF TYPE 3 (RT-3)
A00.70



NOT PART OF THERMAL ENCLOSURE

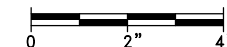
6 ROOF TYPE 6 (RT-6)
A00.70



SYSTEM U VALUE: 0.028
(WSEC TABLE A102.2.6)

CODE MINIMUM U VALUE: 0.034

9 ROOF TYPE 11 (RT-11)
A00.70



LMN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt					FED.AID PROJ.NO.	
PRINTED: 1/16/2019 1:55:34 PM	LAST PRINTED BY: MGREENSHIELDS				WA-2017-007-00	
SUBMITTAL DATE: 01/18/2019					REGION NO. 10 STATE WA	
DESIGNED BY: H. FITZPATRICK	01/18/2019				JOB NUMBER 18W121	
ENTERED BY: G. BISHOP	01/18/2019				CONTRACT NO. 00****	
CHECKED BY: M. FISHER	01/18/2019					
MAR PROJ ENGR: C. TORRES						
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19			
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY		

DATE



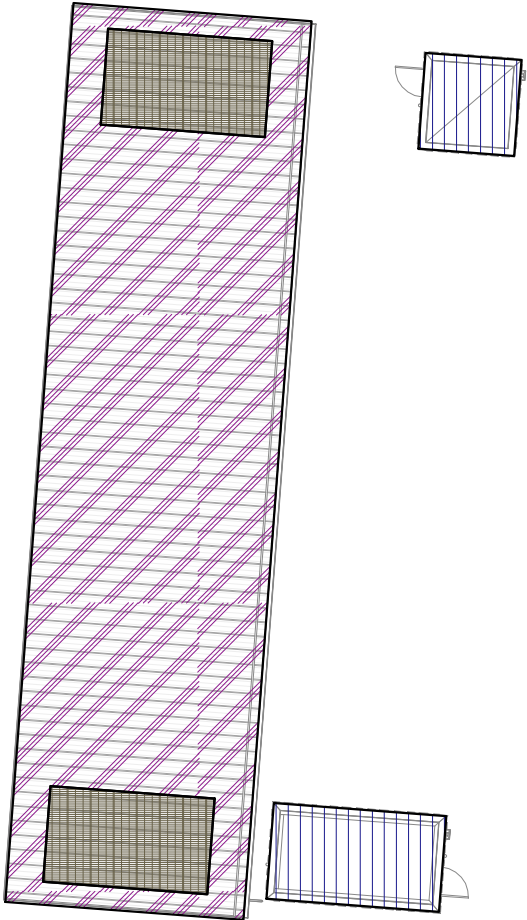
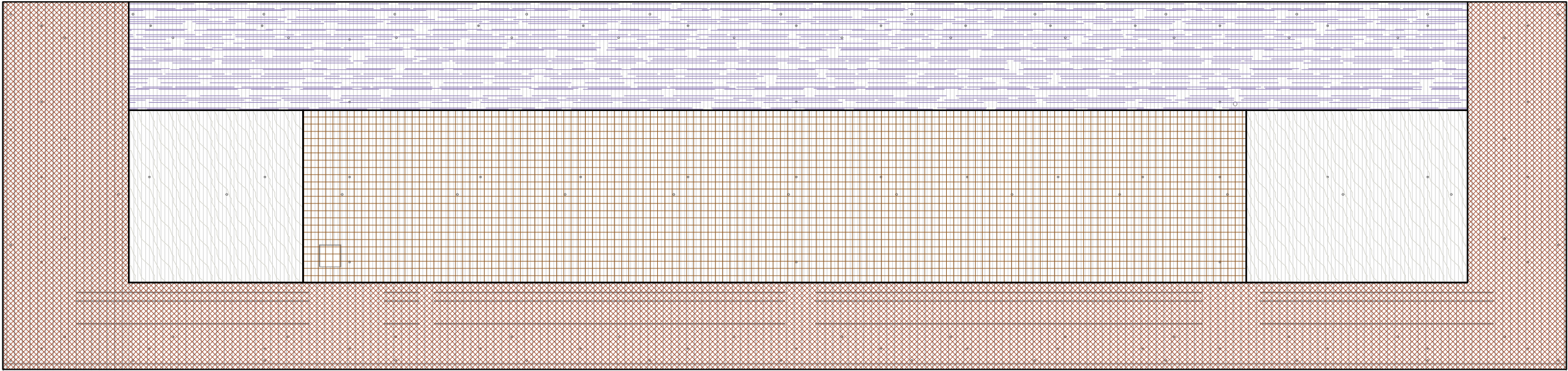
01/18/19
DATE



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

ROOF TYPES

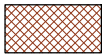
A00.70
SHEET
867
OF
1521
SHEETS



1 ROOF - TOLL

ROOF TYPE LEGEND

SEE A00.70 & .71 FOR ASSEMBLIES



RT-1



RT-2



RT-3



RT-4



RT-5



RT-6



RT-7

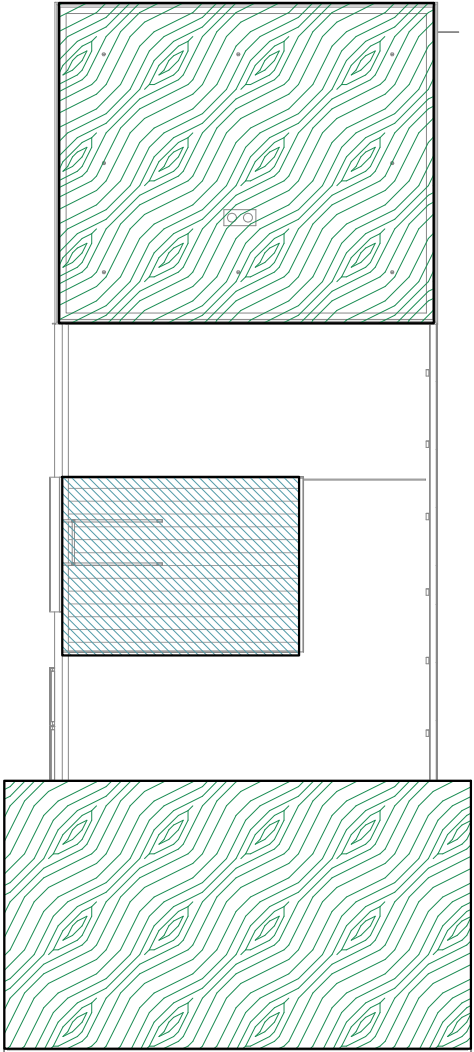


RT-8



RT-11

2 ROOF - TERMINAL



0' 10' 20'

LMN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt				
PRINTED: 1/16/2019 1:55:43 PM	LAST PRINTED BY: MGREENSHIELDS			FED.AID PROJ.NO. WA-2017-007-00
SUBMITTAL DATE: 01/18/2019				REGION NO. 10 STATE WA
DESIGNED BY: H. FITZPATRICK	01/18/2019			JOB NUMBER 18W121
ENTERED BY: G. BISHOP	01/18/2019			CONTRACT NO. 00****
CHECKED BY: M. FISHER	01/18/2019			
MAR PROJ ENGR: C. TORRES				
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19	
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY



01/18/19



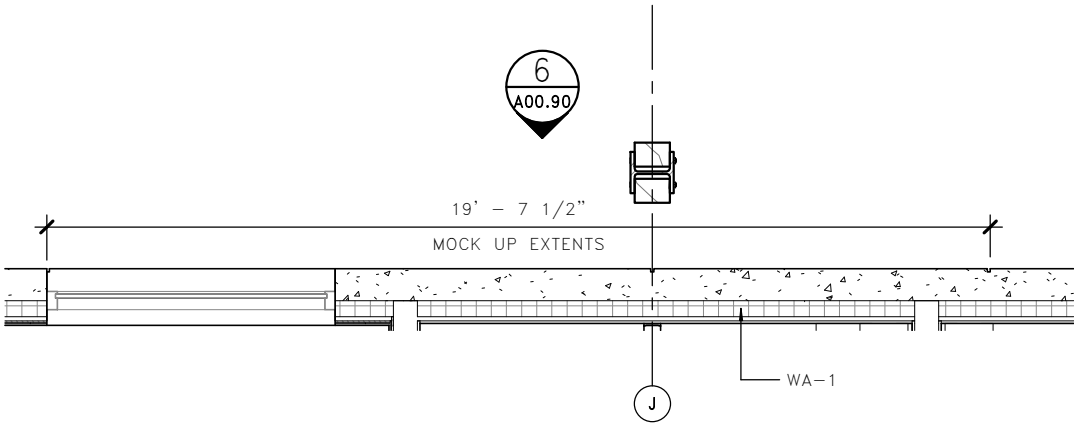
SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

ROOF TYPES DIAGRAM

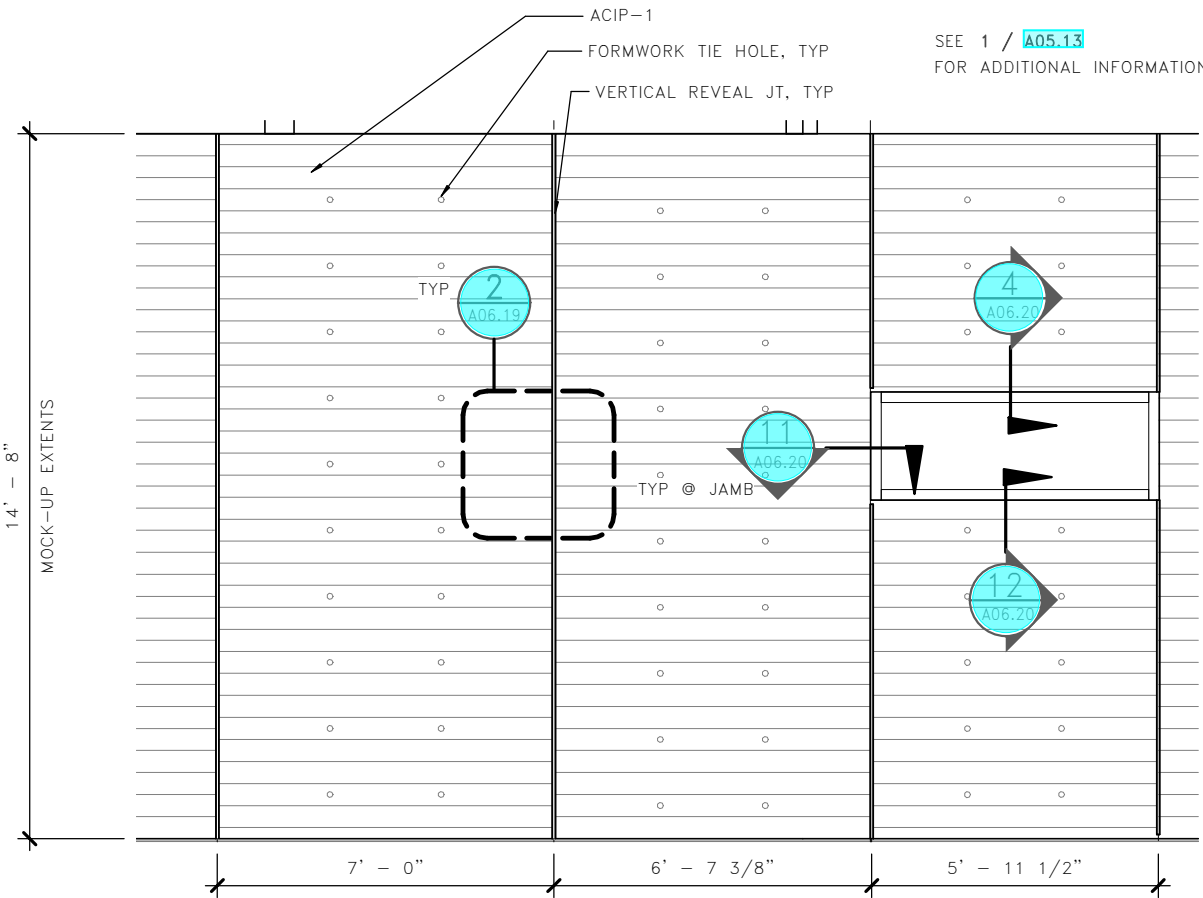
A00.72
SHEET
868
OF
1521
SHEETS

MOCK-UP NOTES:

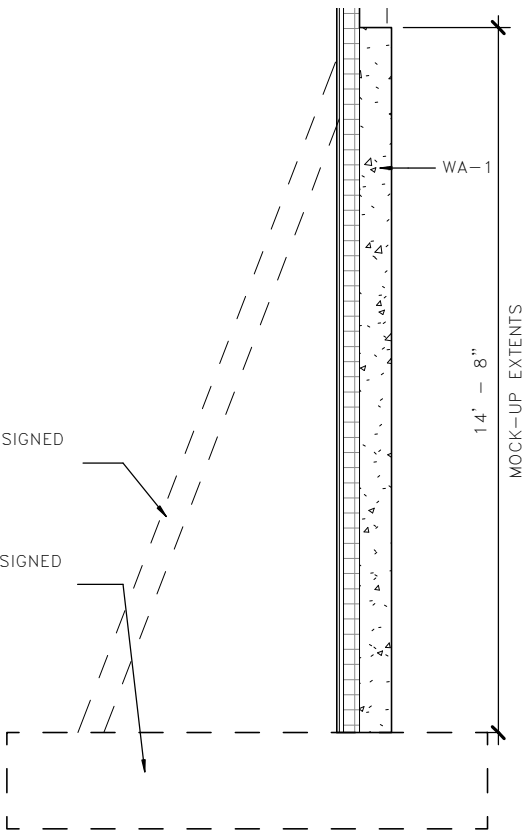
1. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DESIGN AND ENGINEERING RELATED TO CONSTRUCTION OF MOCK-UP.
3. MOCK-UP SHALL BE CONSTRUCTED WITH ALL COMPONENTS OF WALL ASSEMBLIES INCLUDING FLASHING, WAB, INSULATIONS, AND TRIMS. SEE [A00.61](#)-66
4. AS PART OF MOCK-UP CONTRACTOR SHALL CONVEY ANTICIPATED POUR LENGTHS BASED UPON THEIR ABILITY TO DO A SINGLE VERTICAL CONCRETE POUR. HORIZONTAL POUR JOINTS ARE NOT PERMITTED. VERTICAL POUR JOINTS SHALL OCCUR AT VERTICAL REVEALS INDICATED ON ELEVATIONS.
5. IN PLACE MOCK-UP AT THIS LOCATION IS ACCEPTABLE. MOCK-UP SHALL BE CONSTRUCTED AND REVIEWED BY OWNER AND ARCHITECT PRIOR TO BEGINNING ANY RELATED CONSTRUCTION.



2 EXTERIOR MOCK-UP LVL 1 PLAN



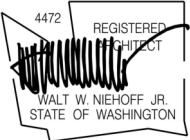
6 EXTERIOR MOCK-UP LVL 1 ELEV



4 EXTERIOR MOCK-UP LVL 1 SECTION

LMN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt					FED.AID PROJ.NO.	
PRINTED: 1/16/2019 1:55:47 PM	LAST PRINTED BY: MGREENSHIELDS				WA-2017-007-00	
SUBMITTAL DATE: 01/18/2019					REGION NO. 10 STATE WA	
DESIGNED BY: H. FITZPATRICK	01/18/2019				JOB NUMBER 18W121	
ENTERED BY: G. BISHOP	01/18/2019				CONTRACT NO. 00****	
CHECKED BY: M. FISHER	01/18/2019					
MAR PROJ ENGR: C. TORRES						
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19			
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY		



01/18/19

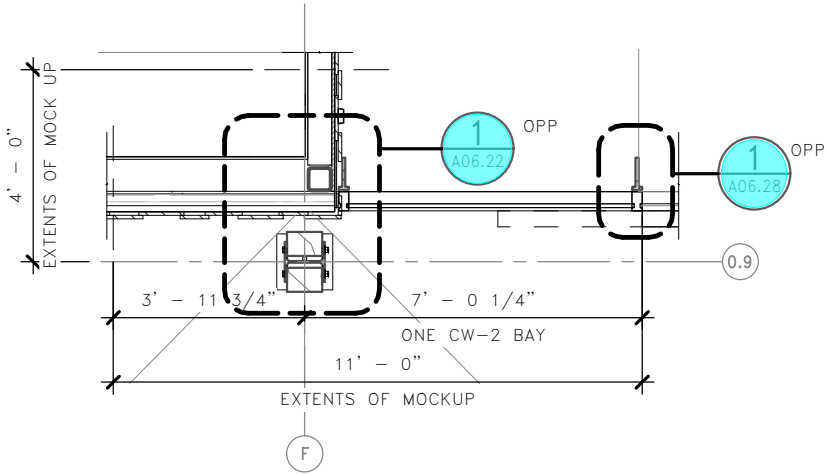


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
EXTERIOR MOCK-UP LEVEL 1

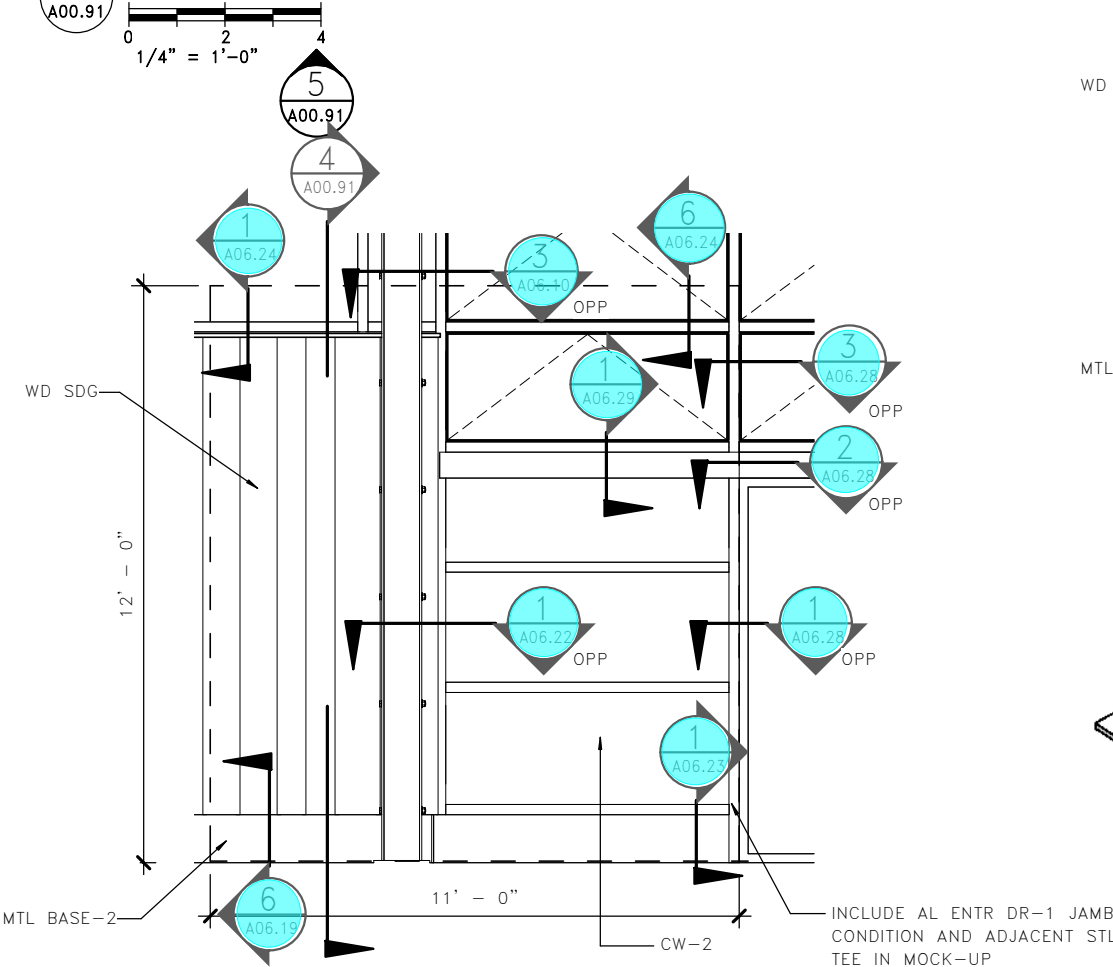
A00.90
SHEET
869
OF
1521
SHEETS

MOCK-UP NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DESIGN AND ENGINEERING RELATED TO TEMPORARY BRACING OR SUPPORT OF CONSTRUCTION MOCK-UP.
2. MOCK-UP SHALL BE CONSTRUCTED WITH ALL COMPONENTS OF WALL ASSEMBLIES INCLUDING FLASHINGS, WAB, INSULATIONS, AND TRIMS. SEE A00.613-66
3. MOCK-UP SHALL BE REVIEWED BY OWNER & ARCHITECT IN TWO STAGES:
- A. FIRST STAGE – WHEN ALL STUDS, SHEATHING, WAB, AND ASSOCIATED FLASHINGS, CURTAIN WALL AND ANY OTHER COMPONENT RELATED TO THE WEATHER RESISTANCE IS INSTALLED.
- B. SECOND STAGE – WHEN MOCK-UP IS COMPLETE, INCLUDING ALL EXTERIOR CLADDING, RELATED TRIM, WINDOW OPERATORS, COMPOSITE COLUMN AND UTILITY TROUGH.
4. IN PLACE MOCK-UP AT THIS LOCATION IS ACCEPTABLE.

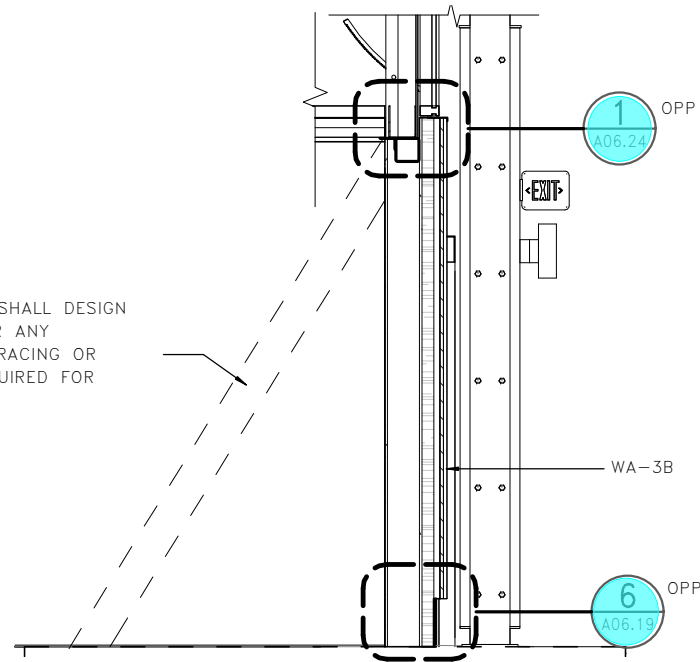


2 EXT MOCK UP – PLAN

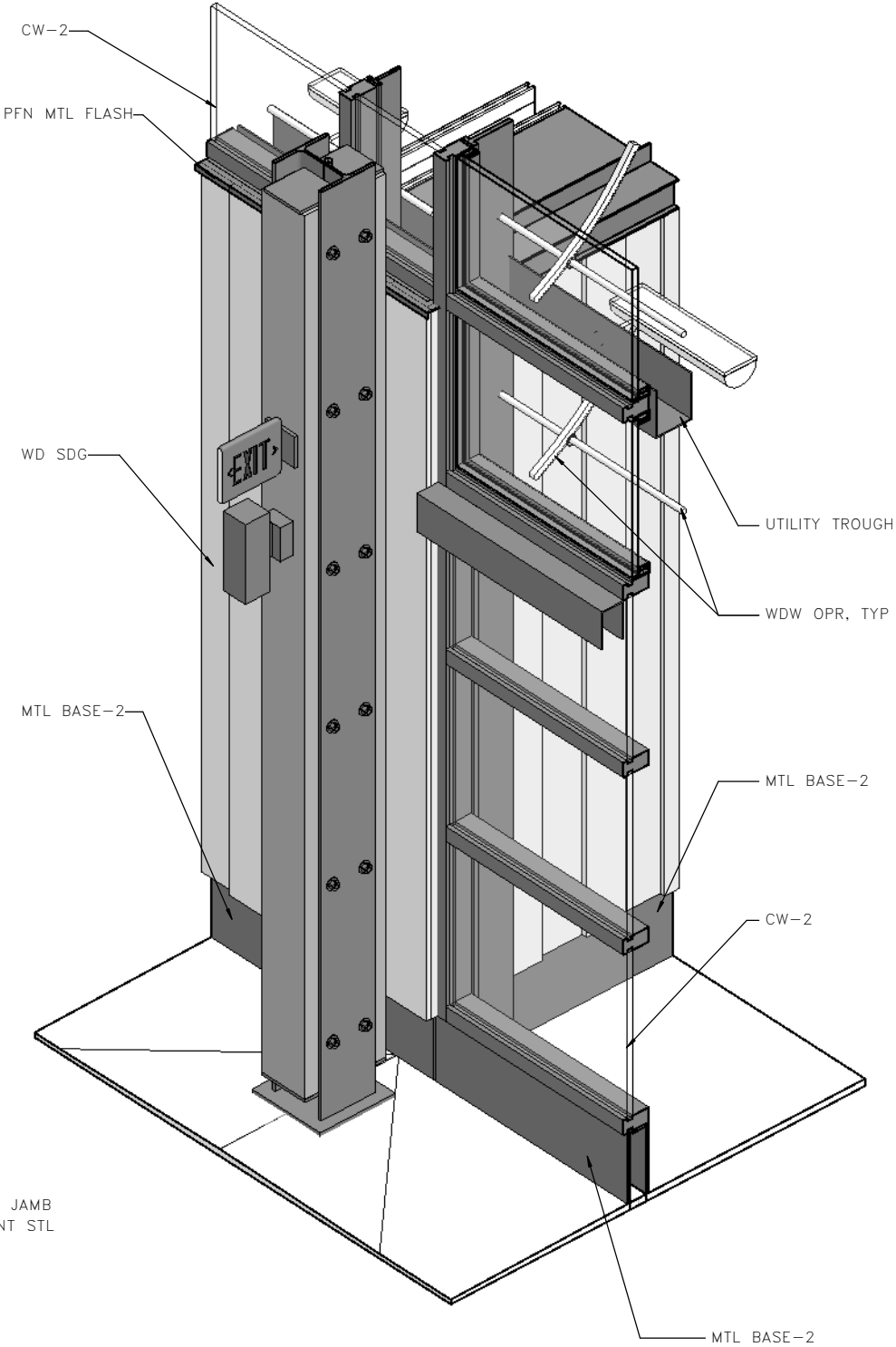


5 EXT MOCK UP – ELEV

CONTRACTOR SHALL DESIGN AND ENGINEER ANY TEMPORARY BRACING OR SUPPORT REQUIRED FOR MOCK-UP



4 EXT MOCK UP – SECTION

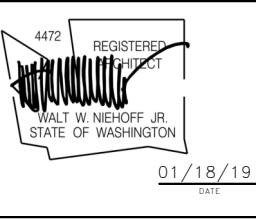


6 EXT MOCK UP – AXON

LMN

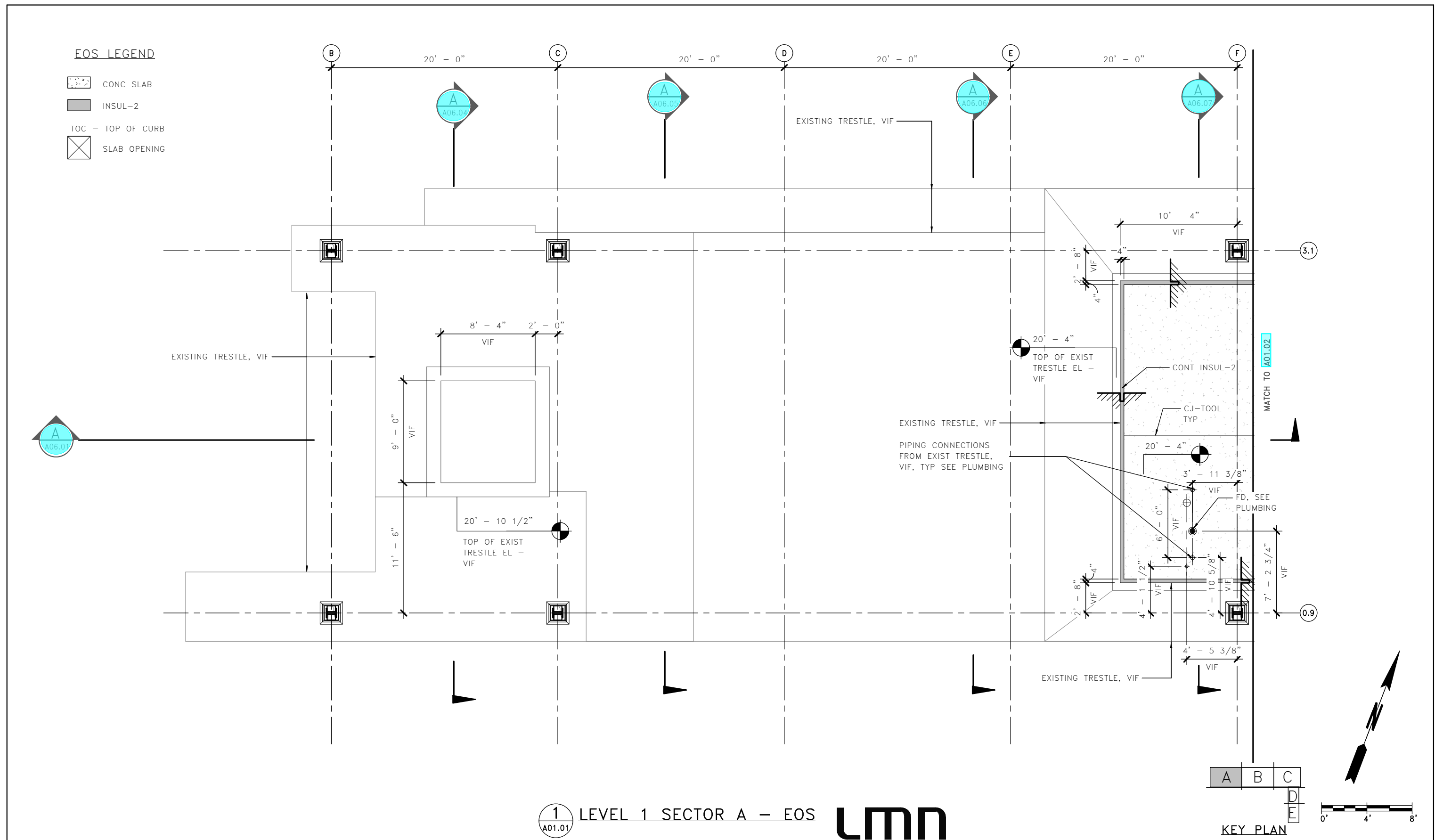
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PRINTED: 1/16/2019 1:55:53 PM	LAST PRINTED BY: MGREENSHIELDS		
SUBMITTAL DATE: 01/18/2019			
DESIGNED BY: H. FITZPATRICK	01/18/2019		
ENTERED BY: G. BISHOP	01/18/2019		
CHECKED BY: M. FISHER	01/18/2019		
MAR PROJ ENGR: C. TORRES			
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19
ASST SECRETARY: A. SCARTON		REVISION	DATE BY

FED.AID PROJ.NO.
WA-2017-007-00
REGION NO. 10 STATE WA
JOB NUMBER 18W121
CONTRACT NO. 00****

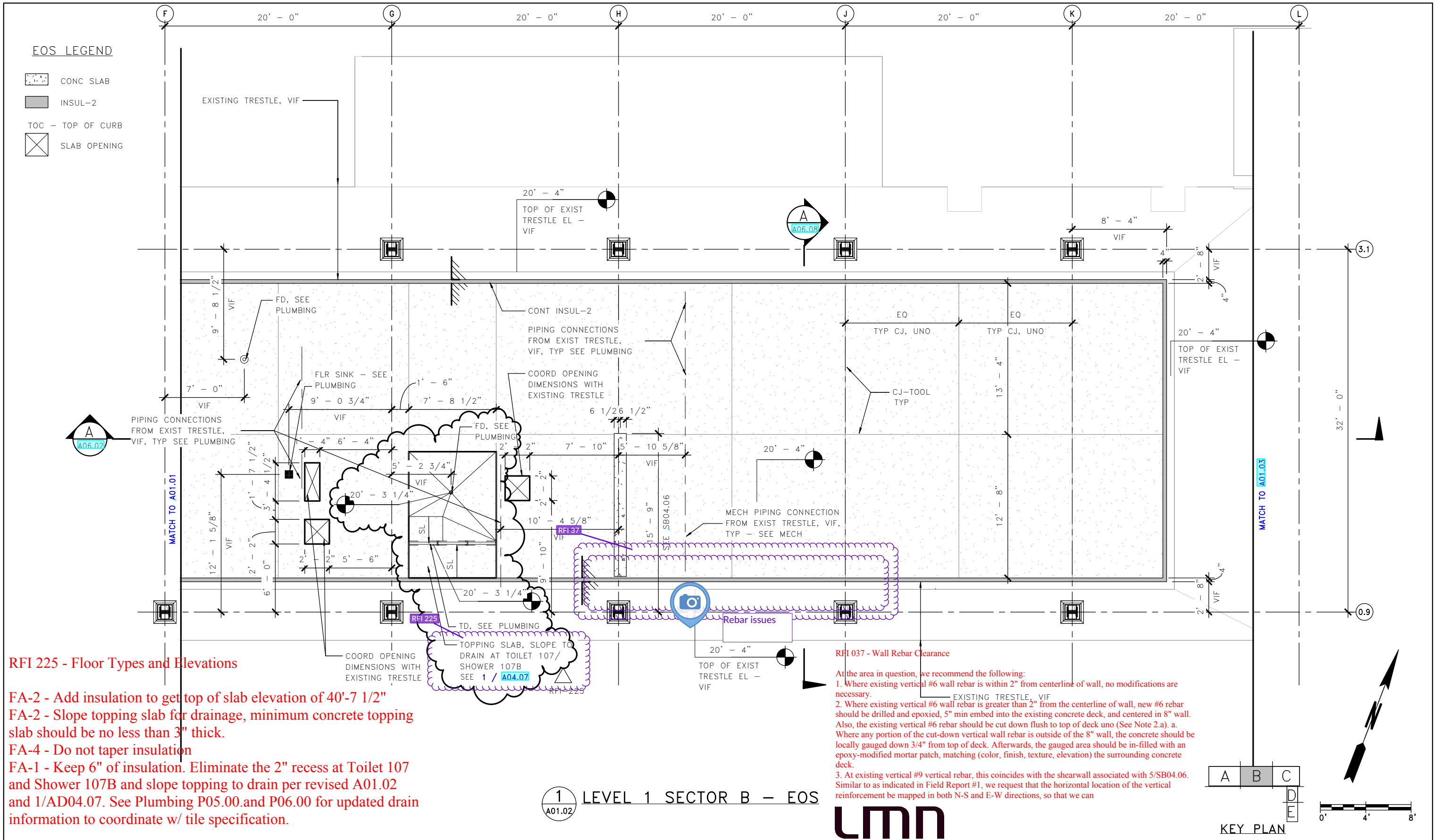


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
EXTERIOR MOCK-UP LEVEL 2

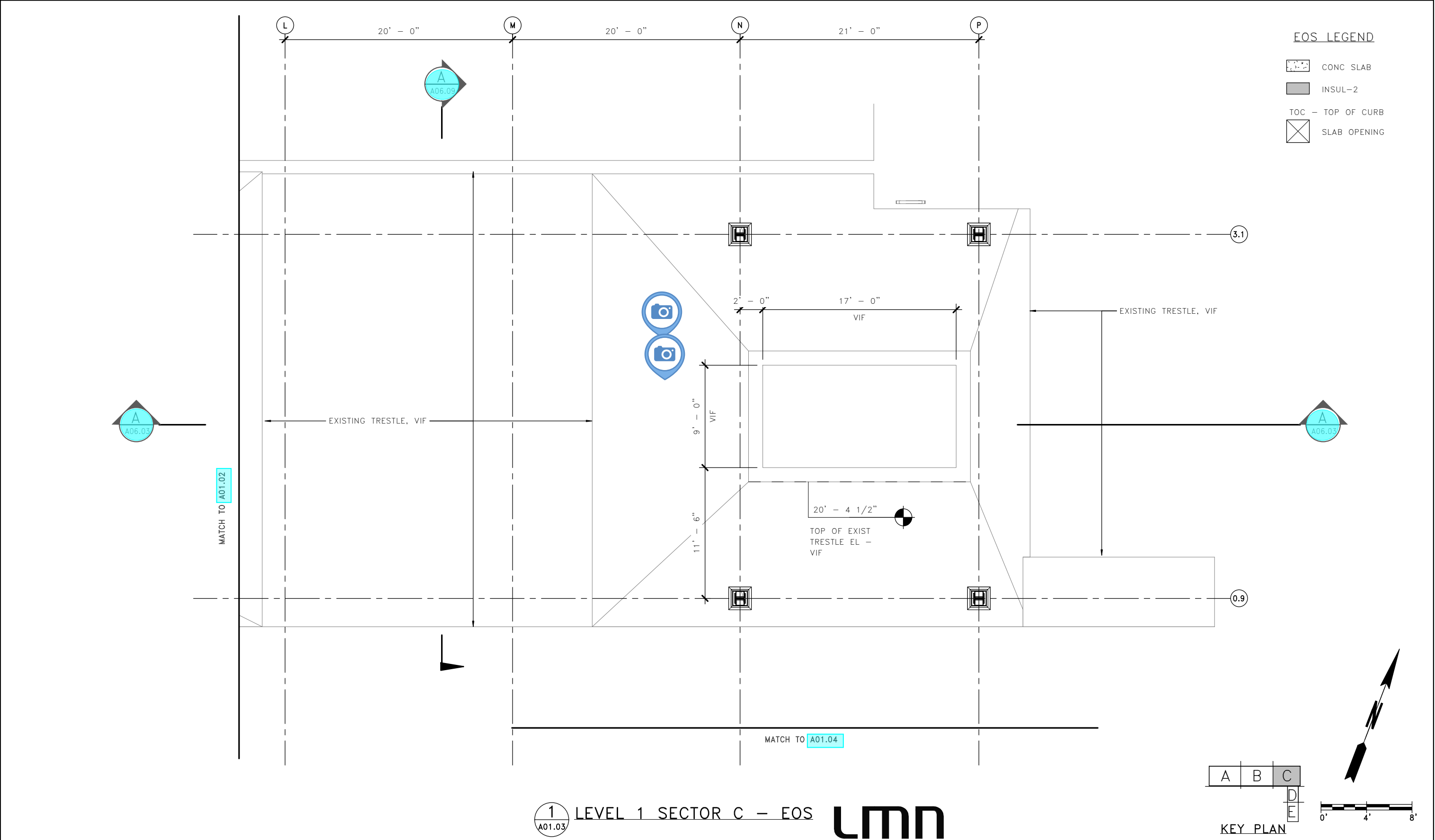
A00.91
SHEET 870 OF 1521 SHEETS





FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mfi-CENTRAL_90%.rvt										<div><div><div>4472 REGISTERED ARCHITECT WALT W. NIEHOFF JR. STATE OF WASHINGTON</div><div>01/18/19 DATE</div></div><div><div>Washington State Department of Transportation</div><div>WASHINGTON STATE FERRIES</div></div></div>										<div><div>SR 525</div><div>MUKILTEO FERRY TERMINAL (PHASE 2)</div><div>FERRY TERMINAL CONSTRUCTION</div><div>TERMINAL – LEVEL 1 – SECTOR A EOS</div></div>										<div>A01.01</div> <div>SHEET 871 OF 1521 SHEETS</div>	
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SUBMITTAL DATE: 01/18/2019		MGREENSHIELDS						10 WA		18W121		00****																			
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ASST SECRETARY: A. SCARTON				REVISION		DATE		BY																							

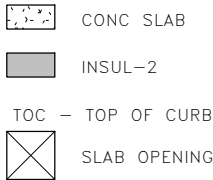


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FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt										4472 REGISTERED ARCHITECT  WALT W. NIEHOFF JR. STATE OF WASHINGTON		 Washington State Department of Transportation WASHINGTON STATE FERRIES		SR 525		A01.03
PRINTED: 1/16/2019 1:55:58 PM		LAST PRINTED BY: MGREENSHIELDS		FED.AID PROJ.NO. WA-2017-007-00		MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION										
SUBMITTAL DATE: 01/18/2019						REGION NO. 10 STATE WA		JOB NUMBER 18W121		DATE 01/18/19		SHEET 873 OF 1521 SHEETS				
DESIGNED BY: H. FITZPATRICK		01/18/2019														
ENTERED BY: G. BISHOP		01/18/2019														
CHECKED BY: M. FISHER		01/18/2019								DATE		TERMINAL - LEVEL 1 - SECTOR C EOS				
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EOS LEGEND



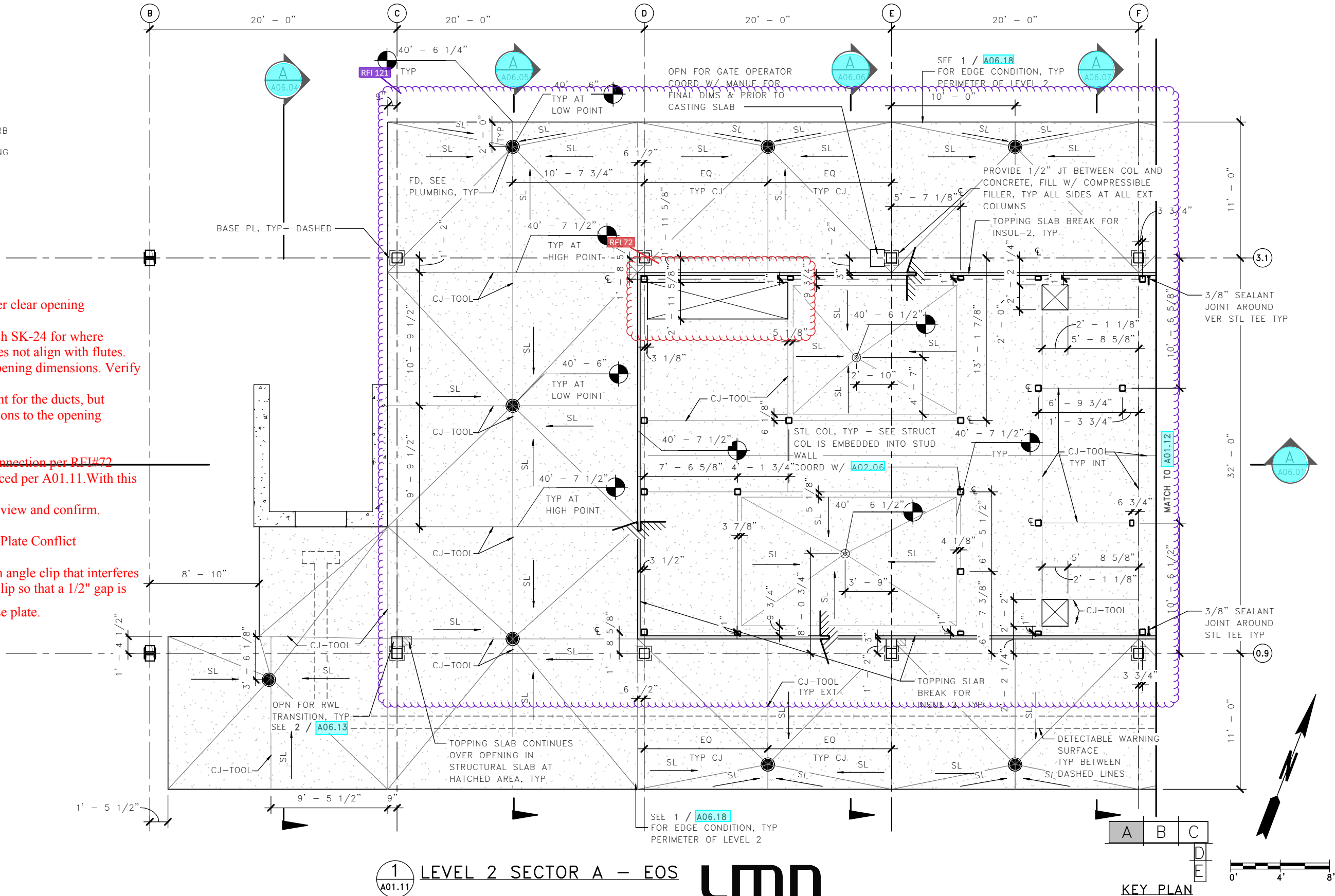
RFI 072 - HSS Column Base Plates

- Verify with Arch regarding whether clear opening dimensions are acceptable.
- Please see attached structural sketch SK-24 for where threaded rods ("base plate hole") does not align with flutes.
- LMN takes no exceptions to the opening dimensions. Verify with mechanical.
- The opening dimension will be tight for the ducts, but appears doable. FSi takes no exceptions to the opening dimensions.

We have updated HSS base plate connection per RFI#72 response. The horizontal beam is placed per A01.11. With this we are unable to maintain the clear opening of 2'-11 5/8". Please review and confirm.

RFI 121 - T-Mullion and HSS Base Plate Conflict

It is acceptable to trim the T-mullion angle clip that interferes with the base plate. Trim the angle clip so that a 1/2" gap is provided between angle clip and base plate.



1 LEVEL 2 SECTOR A - EOS



KEY PLAN

FILE NAME:	PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt
PRINTED:	1/16/2019 1:56:04 PM
SUBMITTAL DATE:	01/18/2019
DESIGNED BY:	H. FITZPATRICK
ENTERED BY:	G. BISHOP
CHECKED BY:	M. FISHER
MAR PROJ ENGR:	C. TORRES
DGN ENGR MNGR:	N. MCINTOSH
ASST SECRETARY:	A. SCARTON

LAST PRINTED BY:	MGREENSHIELDS
01/18/2019	
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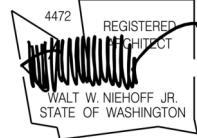
CONFORMED PLANS

01/18/19

DATE

BY

FED.AID	PROJ.NO.
WA-2017-007-00	
REGION NO.	STATE
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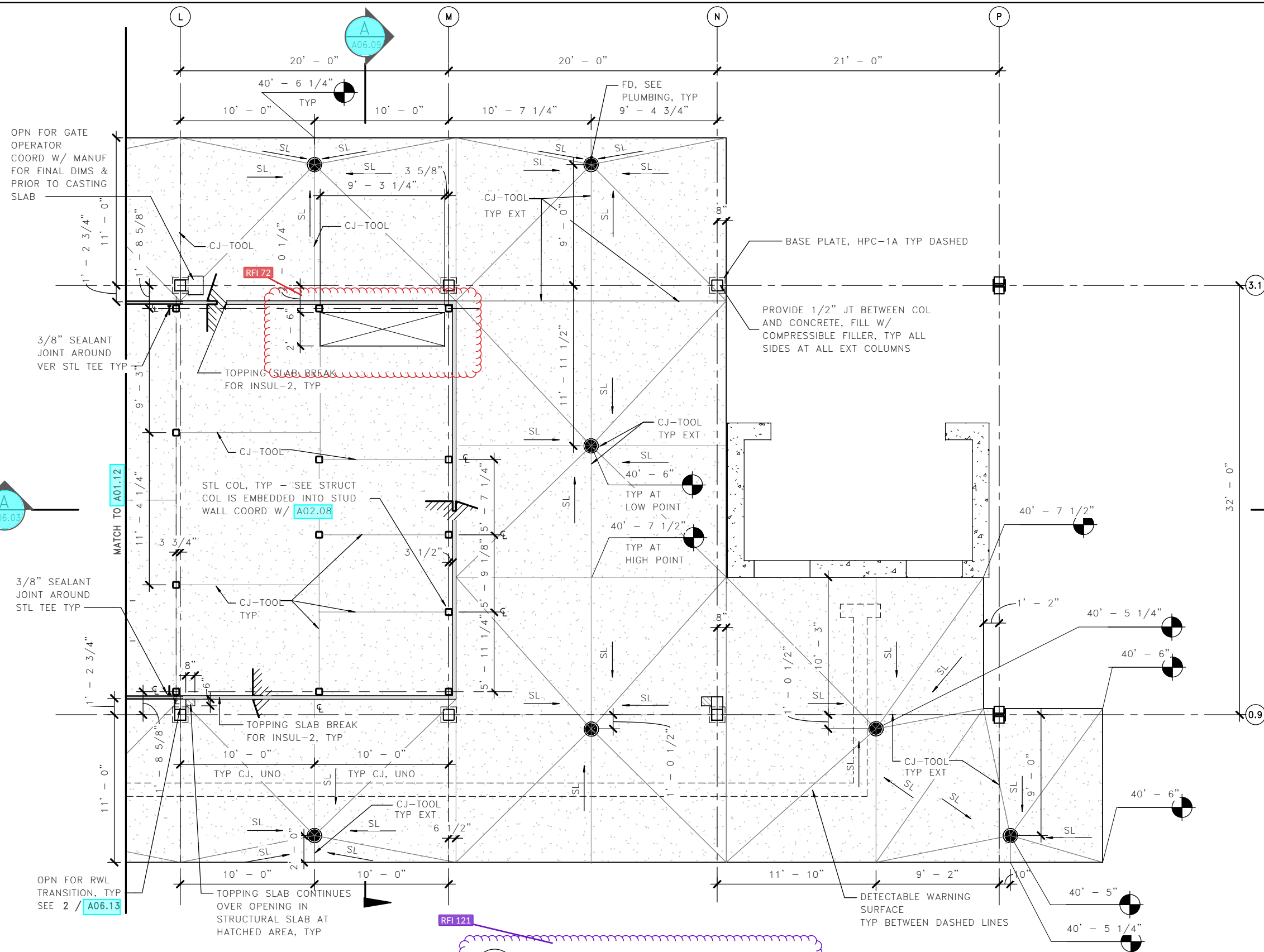


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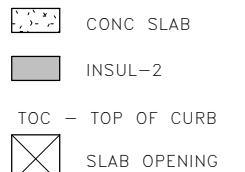


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - LEVEL 2 - SECTOR A EOS

A01.11
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OF
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SHEETS



EOS LEGEND



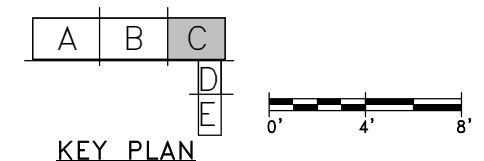
RFI 072 - HSS Column Base Plates

- Verify with Arch regarding whether clear opening dimensions are acceptable.
- Please see attached structural sketch SK-24 for where threaded rods ("base plate hole") does not align with flutes.
- LMN takes no exceptions to the opening dimensions. Verify with mechanical.
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We have updated HSS base plate connection per RFI#72 response. The horizontal beam is placed per A01.13. With this we are unable to maintain the clear opening of 2'-6". Please review and confirm.

RFI 121 - T-Mullion and HSS Base Plate Conflict

It is acceptable to trim the T-mullion angle clip that interferes with the base plate. Trim the angle clip so that a 1/2" gap is provided between angle clip and base plate.



1 LEVEL 2 SECTOR C - EOS

LMN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt

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SUBMITTAL DATE:	01/18/2019		
DESIGNED BY:	H. FITZPATRICK		
ENTERED BY:	G. BISHOP		
CHECKED BY:	M. FISHER		
MAR PROJ ENGR:	C. TORRES		
DGN ENGR MNGR:	N. MCINTOSH		
ASST SECRETARY:	A. SCARTON		

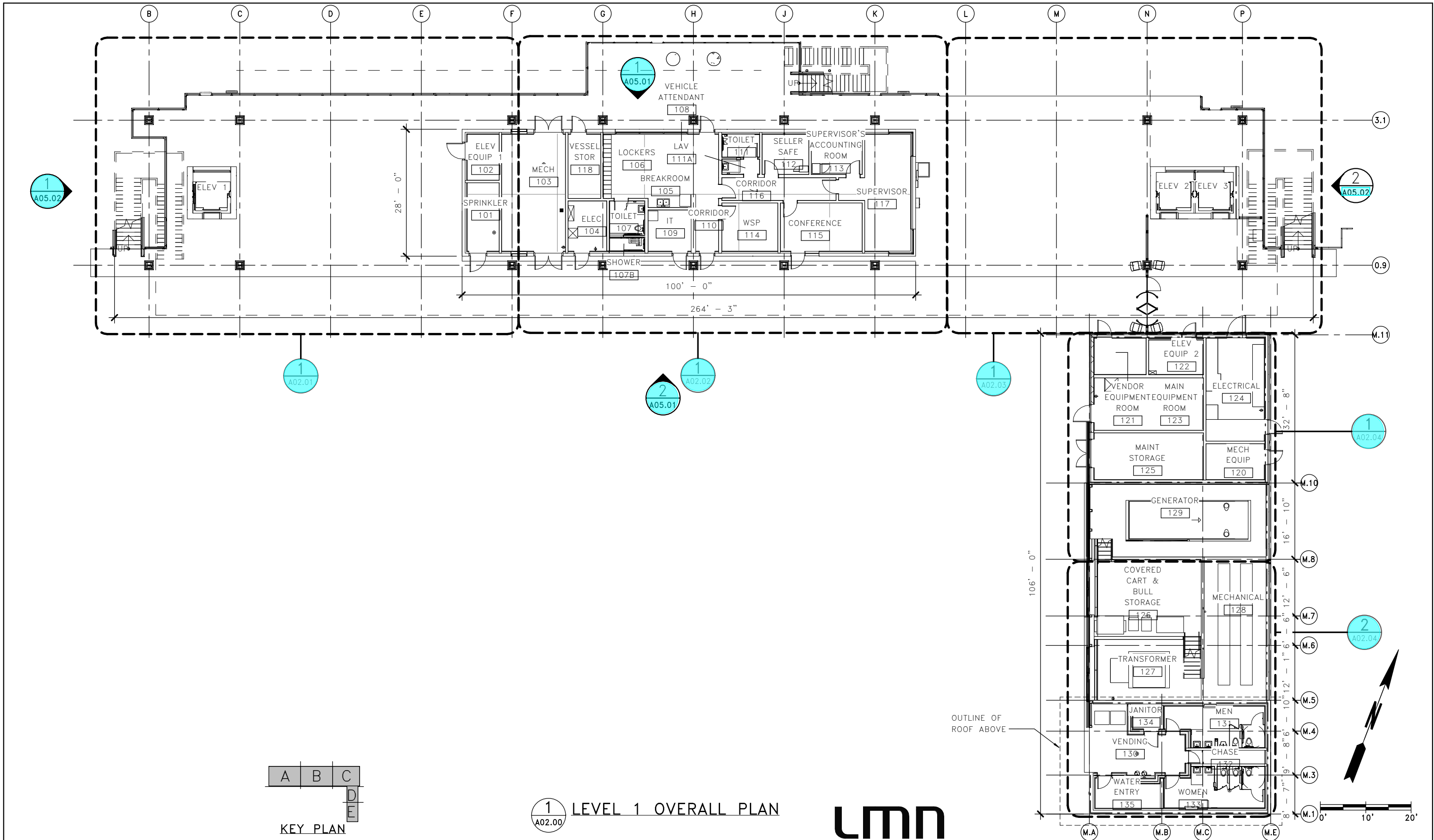
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DATE	01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - LEVEL 2 - SECTOR C EOS

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FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt										SR 525										MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION										A02.00									
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4472
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ARCHITECT

WALT W. NIEHOFF JR.
STATE OF WASHINGTON

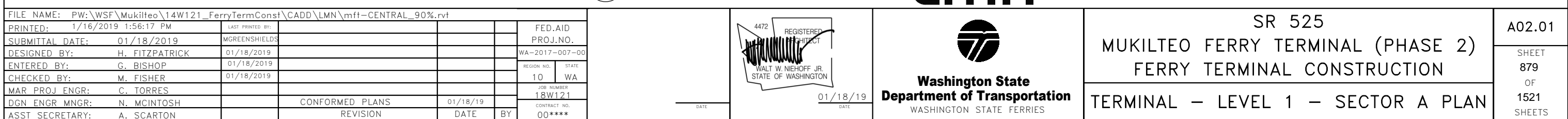
01/18/19

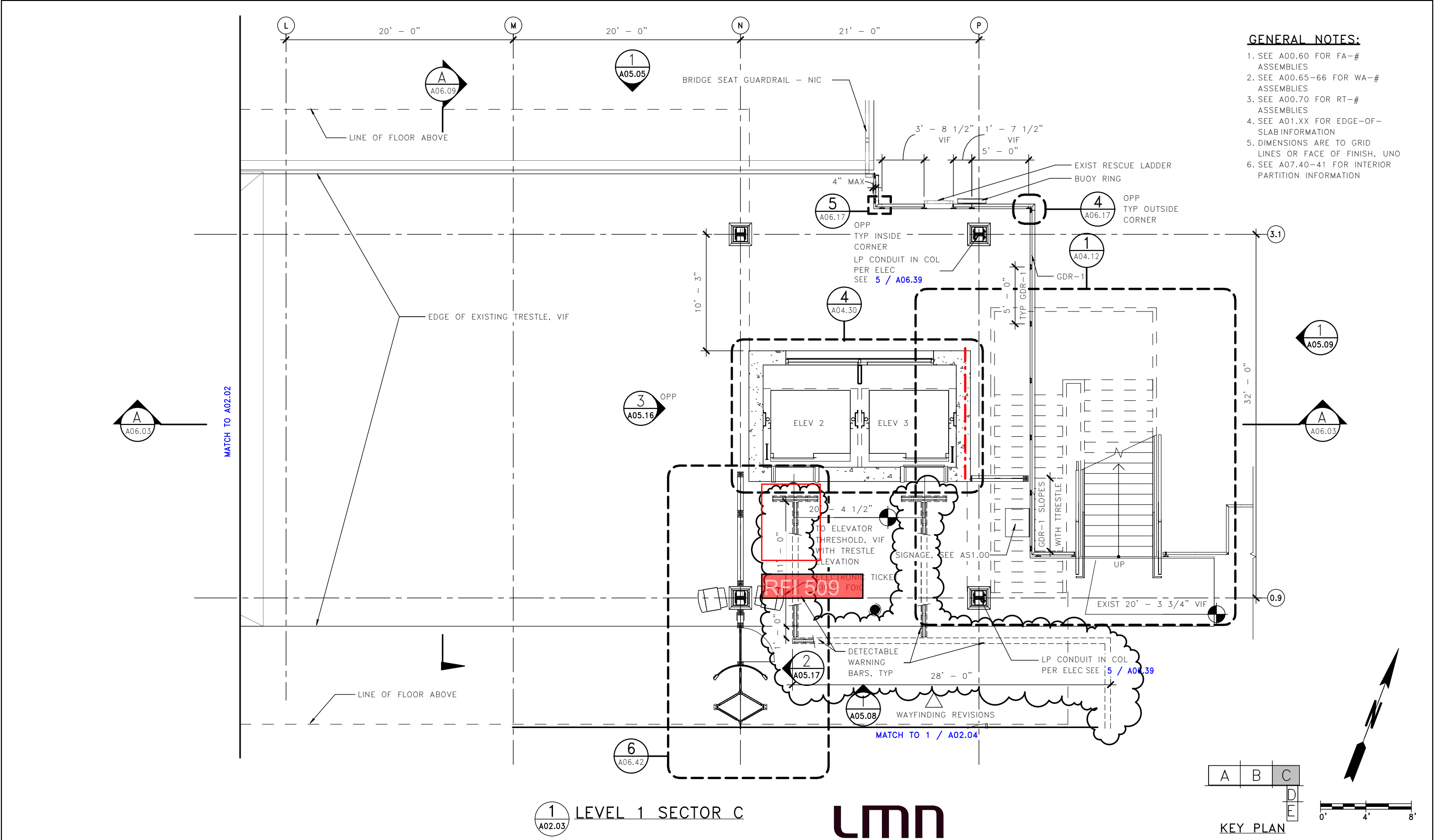


Washington State
Department of Transportation
WASHINGTON STATE FERRIES



TERMINAL - LEVEL 1 - OVERALL PLAN										SHEET 878 OF 1521 SHEETS									

Please modify guardrail GDR-1 and buoy ring locations per attached sketch to work with the existing rescue ladder locations.



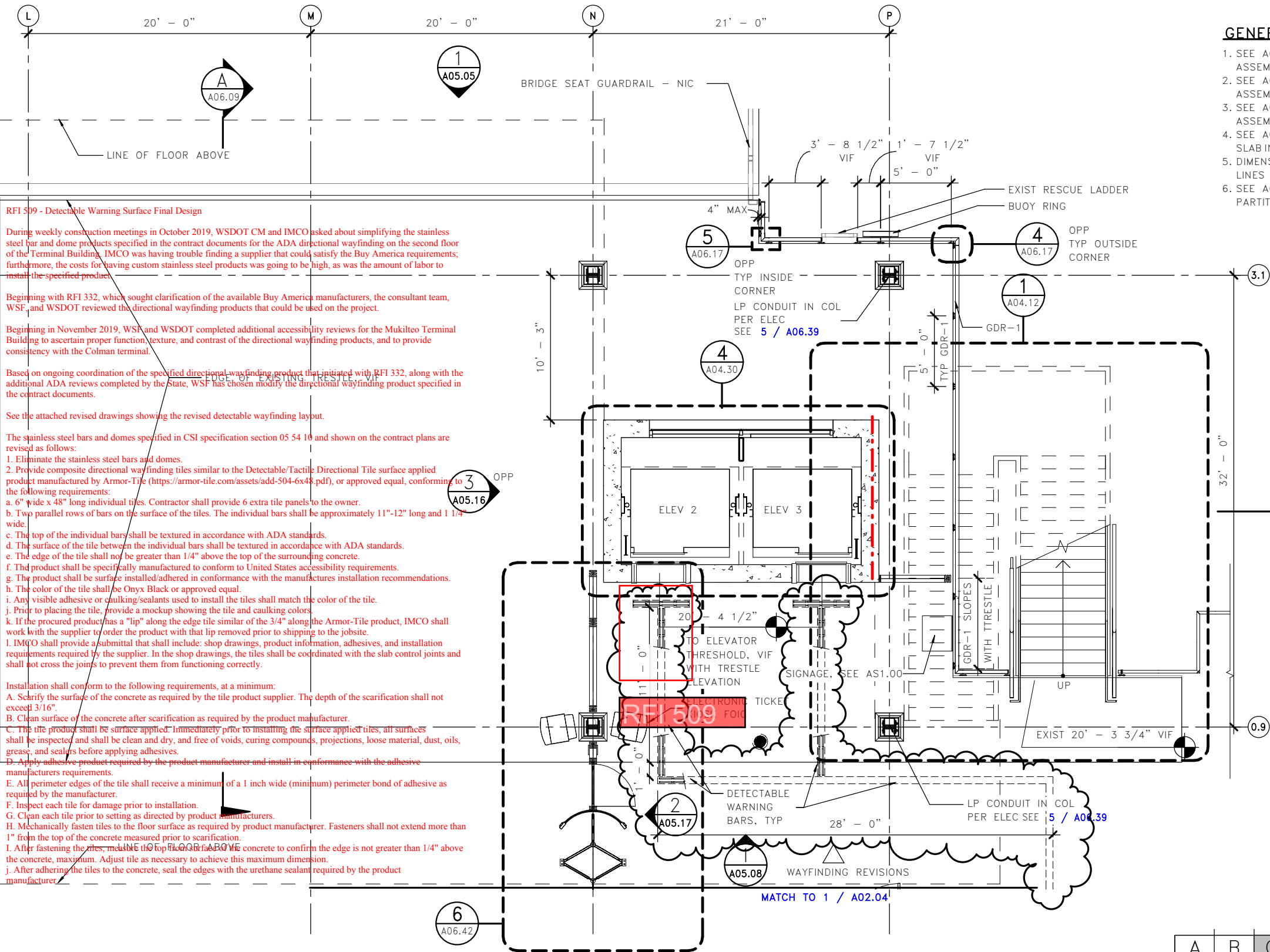


- GENERAL NOTES:**
1. SEE A00.60 FOR FA-# ASSEMBLIES
 2. SEE A00.65-66 FOR WA-# ASSEMBLIES
 3. SEE A00.70 FOR RT-# ASSEMBLIES
 4. SEE A01.XX FOR EDGE-OF-SLAB INFORMATION
 5. DIMENSIONS ARE TO GRID LINES OR FACE OF FINISH, UNO
 6. SEE A07.40-41 FOR INTERIOR PARTITION INFORMATION

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt										<div><div>4472 REGISTERED ARCHITECT</div><div></div><div>WALT W. NIEHOFF JR. STATE OF WASHINGTON</div></div> <div>01/18/19 DATE</div>		<div><div></div><div>Washington State Department of Transportation</div><div>WASHINGTON STATE FERRIES</div></div>		SR 525			A02.03	
PRINTED: 5/14/2020 4:23:11 PM		LAST PRINTED BY: MGREENSHIELDS		FED.AID PROJ.NO.		MUKILTEO FERRY TERMINAL (PHASE 2)		SHEET										
SUBMITTAL DATE: 01/18/2019		DESIGNED BY: H. FITZPATRICK		WA-2017-007-00		FERRY TERMINAL CONSTRUCTION		OF SHEETS										
ENTERED BY: G. BISHOP		01/18/2019		REGION NO. STATE														
CHECKED BY: M. FISHER		01/18/2019		10 WA														
MAR PROJ ENGR: C. TORRES		WAYFINDING REVISIONS		05/18/20		JOB NUMBER 18W121												
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS		01/18/19		CONTRACT NO. 00****												
ASST SECRETARY: A. SCARTON		REVISION		DATE BY														

GENERAL NOTES:

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RFI 509 - Detectable Warning Surface Final Design

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Beginning with RFI 332, which sought clarification of the available Buy America manufacturers, the consultant team, WSF, and WSDOT reviewed the directional wayfinding products that could be used on the project.

Beginning in November 2019, WSF and WSDOT completed additional accessibility reviews for the Mukilteo Terminal Building to ascertain proper function, texture, and contrast of the directional wayfinding products, and to provide consistency with the Colman terminal.

Based on ongoing coordination of the specified directional wayfinding product that initiated with RFI 332, along with the additional ADA reviews completed by the State, WSF has chosen modify the directional wayfinding product specified in the contract documents.

See the attached revised drawings showing the revised detectable wayfinding layout.

The stainless steel bars and domes specified in CSI specification section 05 54 10 and shown on the contract plans are revised as follows:

1. Eliminate the stainless steel bars and domes.
2. Provide composite directional wayfinding tiles similar to the Detectable/Tactile Directional Tile surface applied product manufactured by Armor-Tile (<https://armor-tile.com/assets/add-504-6x48.pdf>), or approved equal, conforming to the following requirements:
 - a. 6" wide x 48" long individual tiles. Contractor shall provide 6 extra tile panels to the owner.
 - b. Two parallel rows of bars on the surface of the tiles. The individual bars shall be approximately 11"-12" long and 1 1/4" wide.
 - c. The top of the individual bars shall be textured in accordance with ADA standards.
 - d. The surface of the tile between the individual bars shall be textured in accordance with ADA standards.
 - e. The edge of the tile shall not be greater than 1/4" above the top of the surrounding concrete.
 - f. The product shall be specifically manufactured to conform to United States accessibility requirements.
 - g. The product shall be surface installed/adhered in conformance with the manufacturer's installation recommendations.
 - h. The color of the tile shall be Onyx Black or approved equal.
 - i. Any visible adhesive or caulking/sealants used to install the tiles shall match the color of the tile.
 - j. Prior to placing the tile, provide a mockup showing the tile and caulking colors.
 - k. If the procured product has a "lip" along the edge tile similar of the 3/4" along the Armor-Tile product, IMCO shall work with the supplier to order the product with that lip removed prior to shipping to the jobsite.
 - l. IMCO shall provide a submittal that shall include: shop drawings, product information, adhesives, and installation requirements required by the supplier. In the shop drawings, the tiles shall be coordinated with the slab control joints and shall not cross the joints to prevent them from functioning correctly.

Installation shall conform to the following requirements, at a minimum:

- A. Scarify the surface of the concrete as required by the tile product supplier. The depth of the scarification shall not exceed 3/16".
- B. Clean surface of the concrete after scarification as required by the product manufacturer.
- C. The tile product shall be surface applied. Immediately prior to installing the surface applied tiles, all surfaces shall be inspected and shall be clean and dry, and free of voids, curing compounds, projections, loose material, dust, oils, grease, and sealers before applying adhesives.
- D. Apply adhesive product required by the product manufacturer and install in conformance with the adhesive manufacturer's requirements.
- E. All perimeter edges of the tile shall receive a minimum of a 1 inch wide (minimum) perimeter bond of adhesive as required by the manufacturer.
- F. Inspect each tile for damage prior to installation.
- G. Clean each tile prior to setting as directed by product manufacturer.
- H. Mechanically fasten tiles to the floor surface as required by product manufacturer. Fasteners shall not extend more than 1" from the top of the concrete measured prior to scarification.
- I. After fastening the tiles, measure the top floor surface concrete to confirm the edge is not greater than 1/4" above the concrete, maximum. Adjust tile as necessary to achieve this maximum dimension.
- J. After adhering the tiles to the concrete, seal the edges with the urethane sealant required by the product manufacturer.

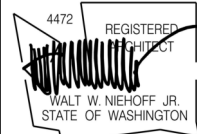
1 LEVEL 1 SECTOR C
A02.03

LMN

KEY PLAN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt

PRINTED: 5/14/2020 4:23:11 PM	LAST PRINTED BY: MGREENSHIELDS	FED.AID PROJ.NO. WA-2017-007-00
SUBMITTAL DATE: 01/18/2019	01/18/2019	REGION NO. 10 STATE WA
DESIGNED BY: H. FITZPATRICK	01/18/2019	JOB NUMBER 18W121
ENTERED BY: G. BISHOP	01/18/2019	CONTRACT NO. 00****
CHECKED BY: M. FISHER	01/18/2019	
MAR PROJ ENGR: C. TORRES	WAYFINDING REVISIONS 05/18/20	
DGN ENGR MNGR: N. MCINTOSH	CONFORMED PLANS 01/18/19	
ASST SECRETARY: A. SCARTON	REVISION	DATE BY



01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - LEVEL 1 - SECTOR C PLAN

A02.03
SHEET
OF
SHEETS

RFI 130 - Missing Detail

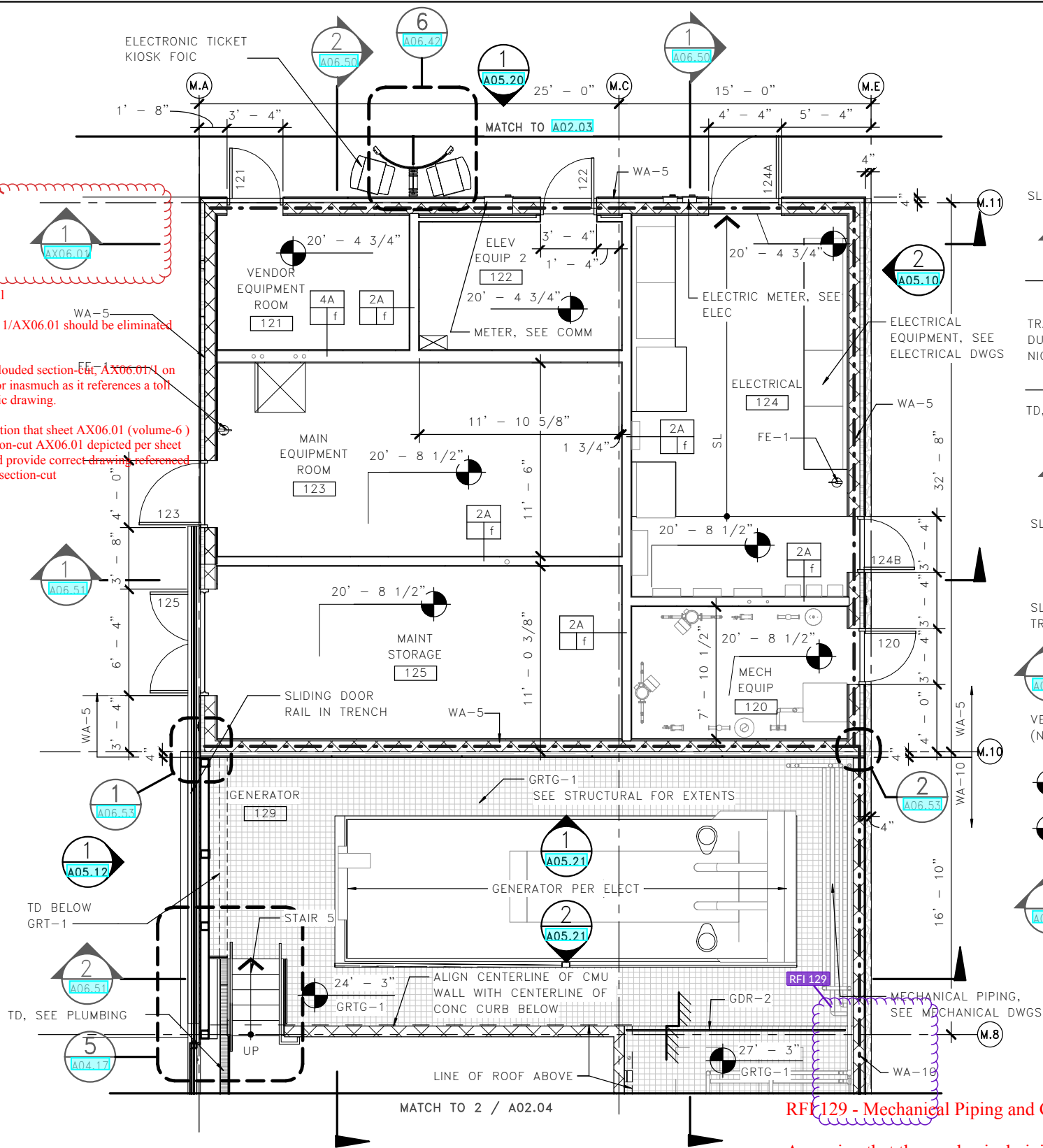
Reference to section cut 1/AX06.01 should be eliminated from sheet A02.04.

It is presumed that the clouded section-cut, AX06.01, on sheet A02.04/1 is in error inasmuch as it references a toll booth casework isometric drawing.

Please provide confirmation that sheet AX06.01 (volume-6) is not applicable to section-cut AX06.01 depicted per sheet A02.04/1 (volume-3) and provide correct drawing referenced for clouded/highlighted section-cut

GENERAL NOTES:

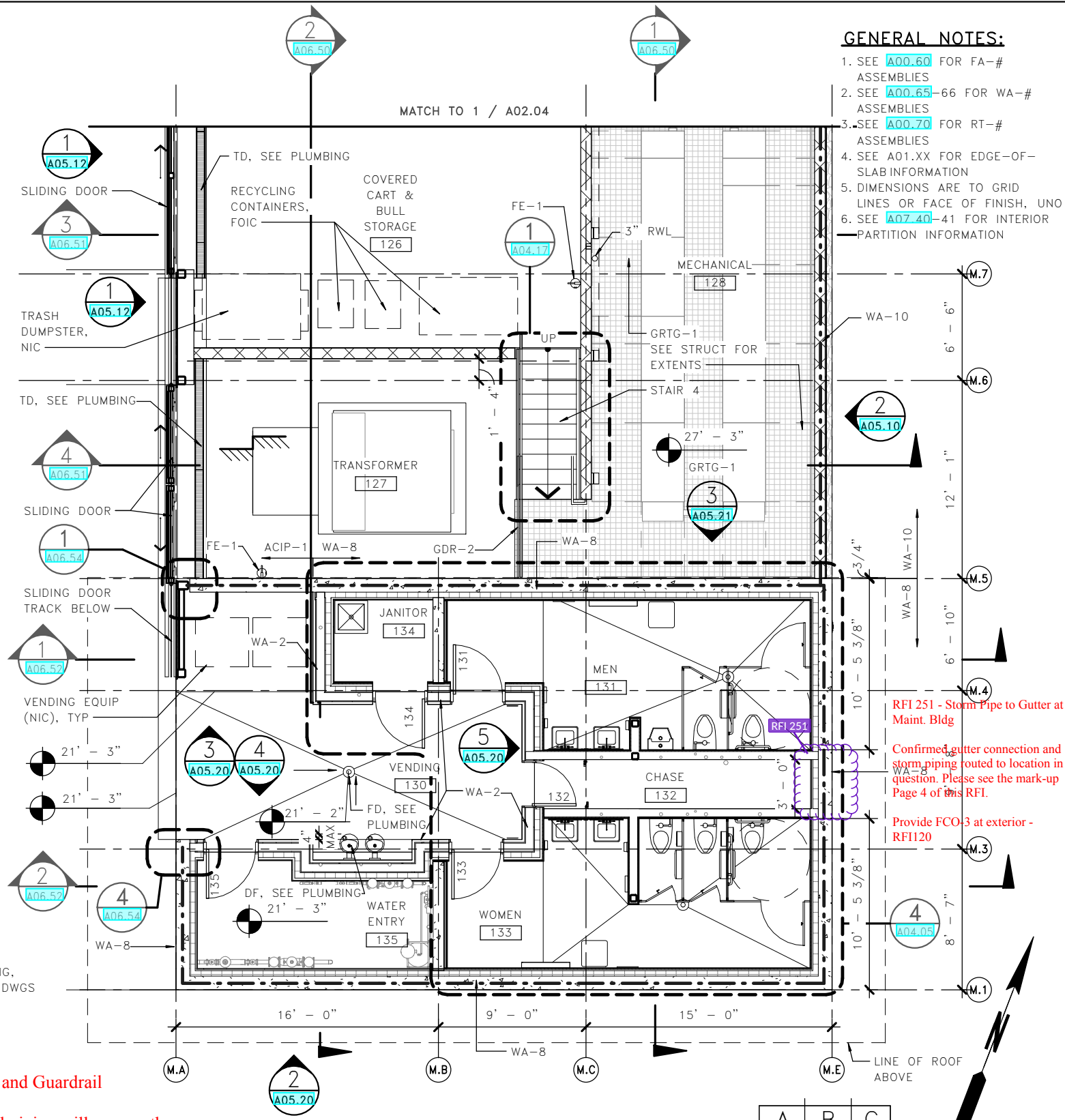
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1 LEVEL 1 SECTOR D
A02.04

RFI 129 - Mechanical Piping and Guardrail

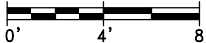
Assuming that the mechanical piping will occupy the gap between the wall and the guardrail in a manner that no one would be able to fall through the gap, the proposed change is acceptable (LMN)



2 LEVEL 1 SECTOR E
A02.04

LMN

KEY PLAN



FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt			
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SUBMITTAL DATE: 01/18/2019			
DESIGNED BY: H. FITZPATRICK	01/18/2019		
ENTERED BY: G. BISHOP	01/18/2019		
CHECKED BY: M. FISHER	01/18/2019		
MAR PROJ ENGR: C. TORRES			
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19
ASST SECRETARY: A. SCARTON		REVISION	DATE BY

FED.AID PROJ.NO.	
WA-2017-007-00	
REGION NO.	STATE
10	WA
JOB NUMBER	
18W121	
CONTRACT NO.	
00****	



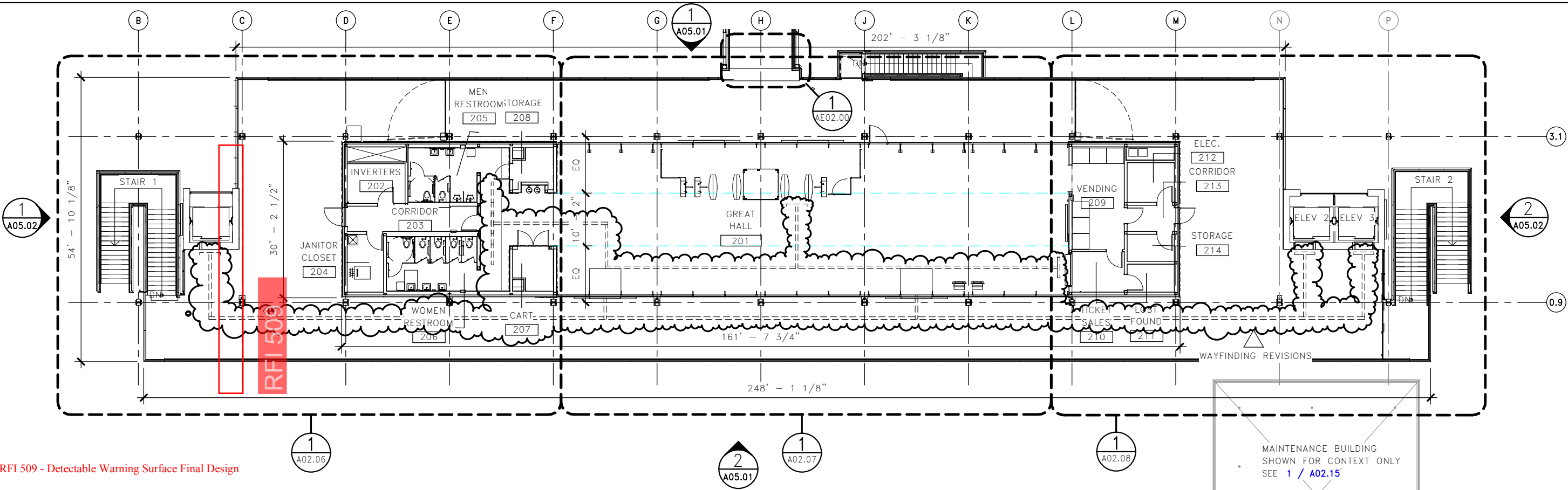
01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

TERMINAL LEVEL 1-SECTOR D & E PLANS

A02.04
SHEET
882
OF
1521
SHEETS



RFI 509 - Detectable Warning Surface Final Design

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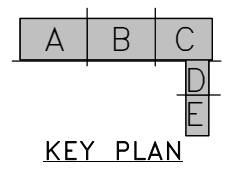
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See the attached revised drawings showing the revised detectable wayfinding layout.

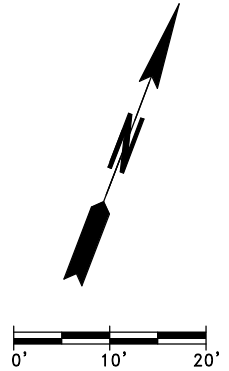
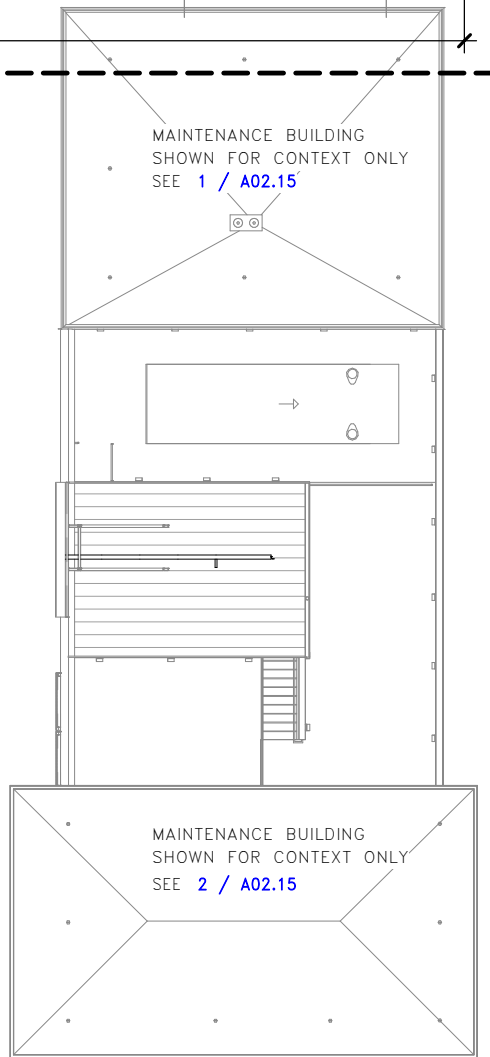
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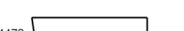



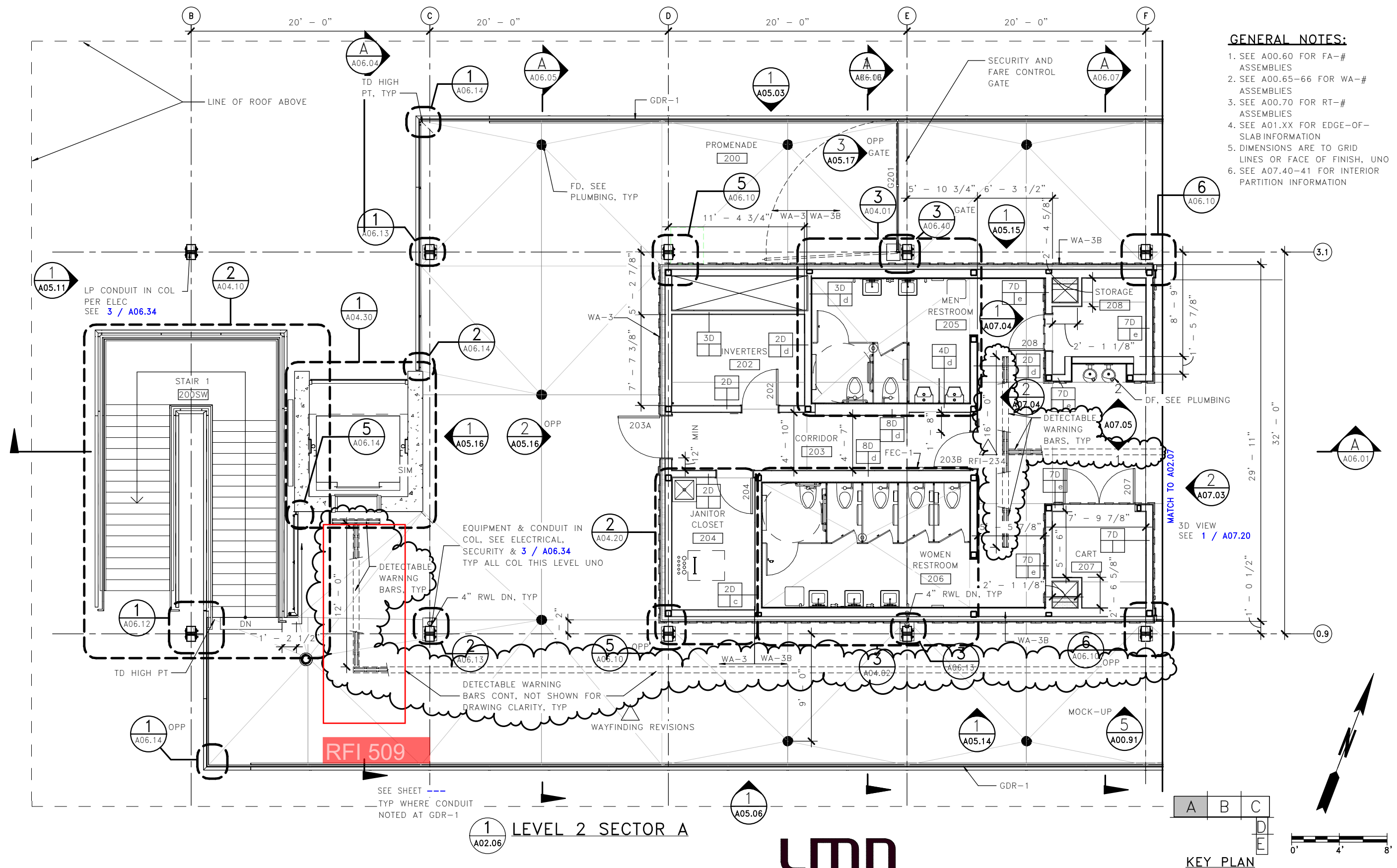
- c. The top of the individual bars shall be textured in accordance with ADA standards.
- d. The surface of the tile between the individual bars shall be textured in accordance with ADA standards.
- e. The edge of the tile shall not be greater than 1/4" above the top of the surrounding concrete.
- f. The product shall be specifically manufactured to conform to United States accessibility requirements.
- g. The product shall be surface installed/adhered in conformance with the manufactures installation recommendations.
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 - j. After adhering the tiles to the concrete, seal the edges with the urethane sealant required by the product manufacturer.

LEVEL 2 OVERALL PLAN



FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt										<div><div>4472 REGISTERED ARCHITECT  WALT W. NIEHOFF JR. STATE OF WASHINGTON</div><div> Washington State Department of Transportation WASHINGTON STATE FERRIES</div></div> <div><div>DATE</div><div>01/18/19</div><div>DATE</div></div>										SR 525										A02.05														
PRINTED: 5/14/2020 4:23:17 PM					LAST PRINTED BY: MGREENSHIELDS															FED.AID PROJ.NO.					MUKILTEO FERRY TERMINAL (PHASE 2)										SHEET									
SUBMITTAL DATE: 01/18/2019																				WA-2017-007-00					FERRY TERMINAL CONSTRUCTION										OF SHEETS									
DESIGNED BY: H. FITZPATRICK					01/18/2019															REGION NO. 10 STATE WA																								
ENTERED BY: G. BISHOP					01/18/2019															JOB NUMBER 18W121																								
CHECKED BY: M. FISHER					01/18/2019					CONTRACT NO. 00****					TERMINAL - LEVEL 2 - OVERALL PLAN																													
MAR PROJ ENGR: C. TORRES					WAYFINDING REVISIONS 05/18/20																																							
DGN ENGR MNGR: N. MCINTOSH					CONFORMED PLANS 01/18/19																																							
ASST SECRETARY: A. SCARTON					REVISION					DATE BY																																		



FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt

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SUBMITTAL DATE:

DESIGNED BY: H. FITZPATRICK

ENTERED BY: G. BISHOP

CHECKED BY: M. FISHER

MAR PROJ ENGR: C. TORRES

DGN ENGR MNGR: N. MCINTOSH

ASST SECRETARY: A. SCARTON

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01/18/2019

01/18/2019

01/18/2019

01/18/2019

01/18/2019

01/18/2019

WAYFINDING REVISIONS

RFI-234

CONFORMED PLANS

REVISION

05/18/20

07/24/19

01/18/19

DATE

BY

DATE

DATE

DATE

FED.AID PROJ.NO.

WA-2017-007-00

REGION NO.

10

STATE

WA

JOB NUMBER

18W121

CONTRACT NO.

00****



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - LEVEL 2 - SECTOR A PLAN

A02.06

SHEET

OF

SHEETS

RFI 509 - Detectable Warning Surface Final Design

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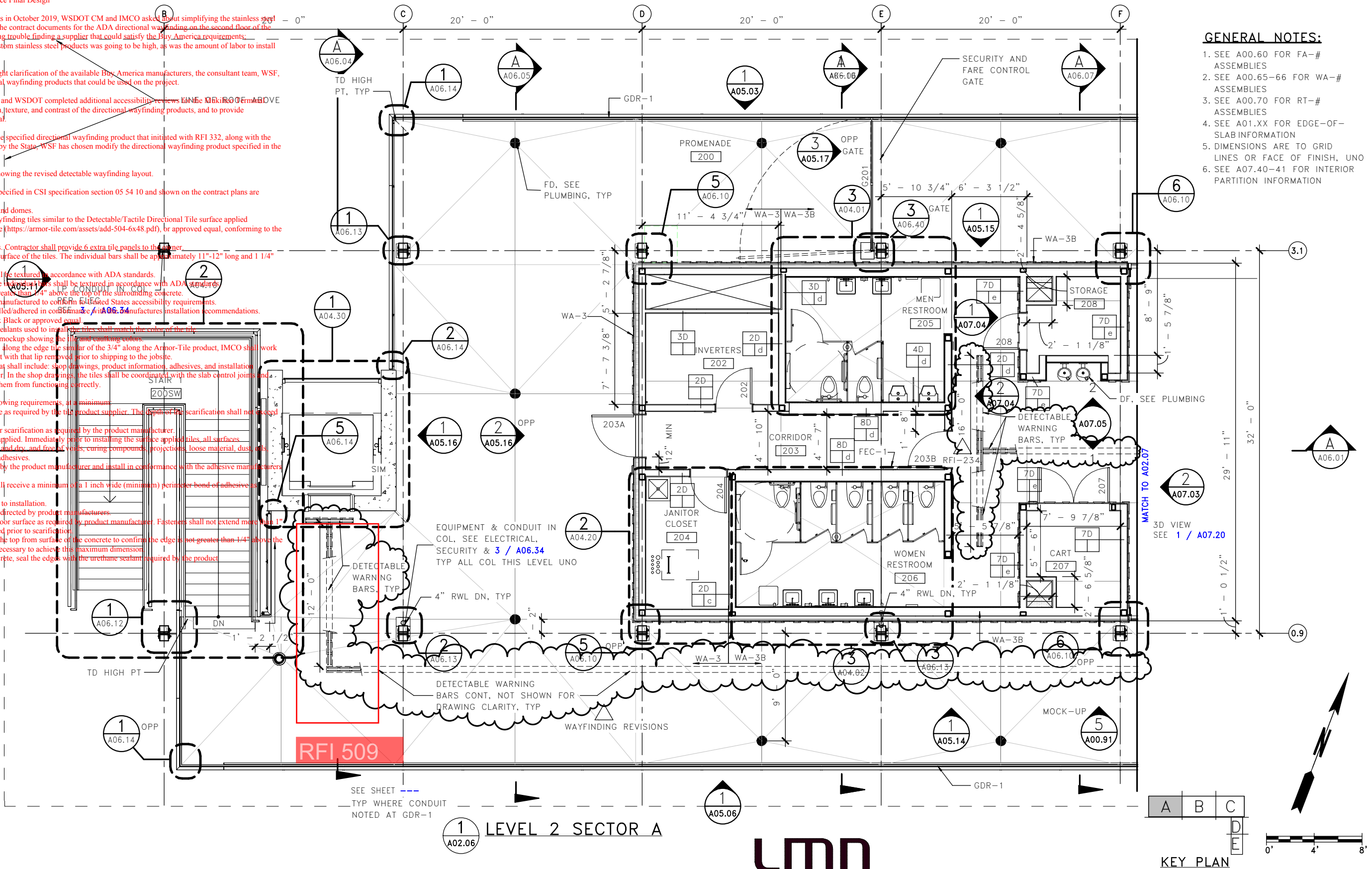
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01/18/2019

DESIGNED BY: H. FITZPATRICK

01/18/2019

ENTERED BY: G. BISHOP

01/18/2019

CHECKED BY: M. FISHER

01/18/2019

MAR PROJ ENGR: C. TORRES

07/24/19

DGN ENGR MNGR: N. MCINTOSH

01/18/19

ASST SECRETARY: A. SCARTON

REVISION

DATE

BY

FED.AID PROJ.NO. WA-2017-007-00

REGION NO. 10 STATE WA

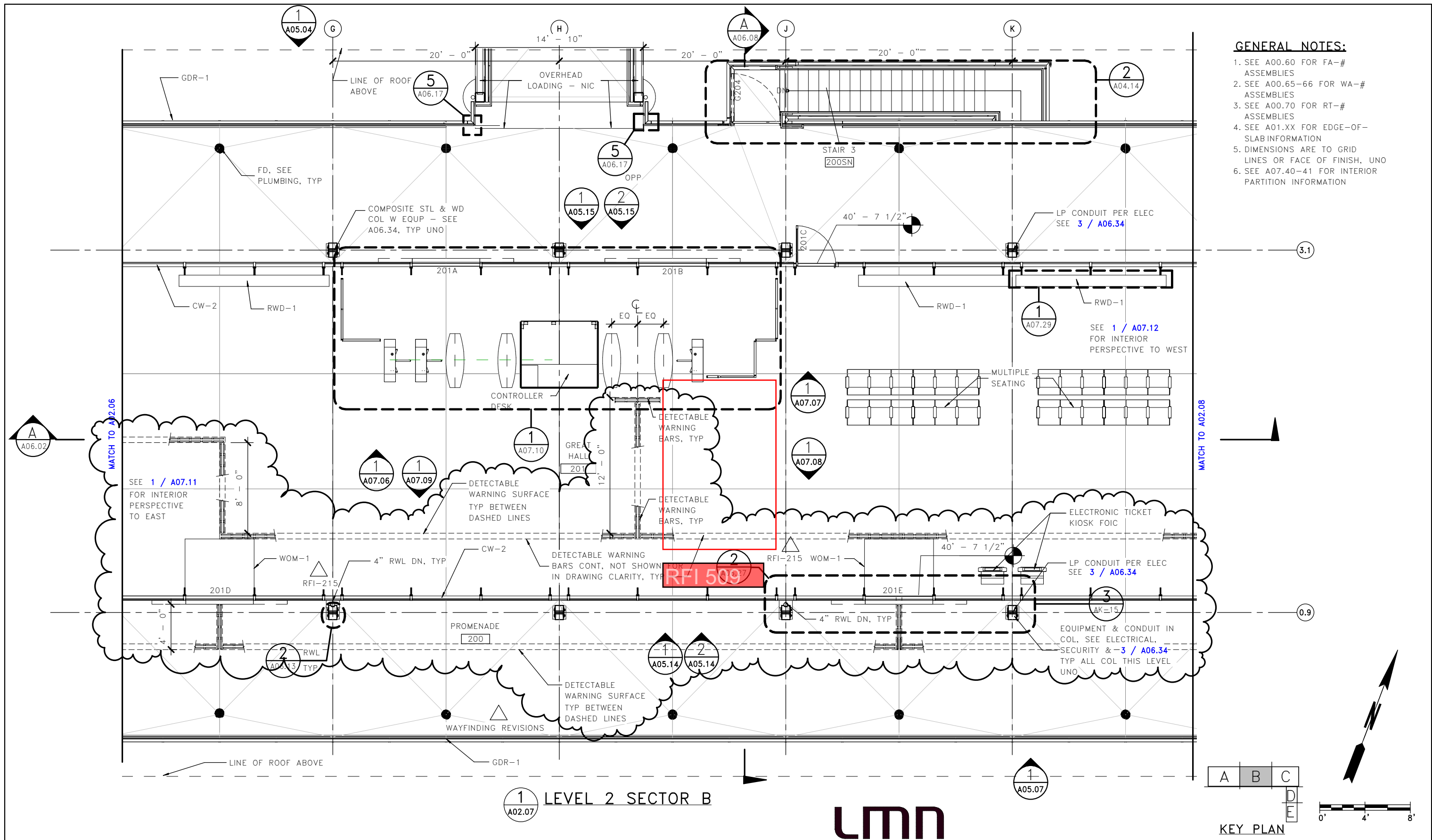
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CONTRACT NO. 00****



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - LEVEL 2 - SECTOR A PLAN

A02.06
SHEET
OF
SHEETS



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SUBMITTAL DATE:										FED.AID PROJ.NO.		FERRY TERMINAL CONSTRUCTION		OF		
DESIGNED BY: H. FITZPATRICK 01/18/2019										WA-2017-007-00		TERMINAL - LEVEL 2 - SECTOR B PLAN	SHEETS			
ENTERED BY: G. BISHOP 01/18/2019										REGION NO. STATE						
CHECKED BY: M. FISHER 01/18/2019										10 WA						
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Based on ongoing coordination of the specified directional wayfinding product that initiated with RFI 332, along with the additional ADA reviews completed by the State, WSF has chosen to modify the directional wayfinding product specified in the contract documents.

See the attached revised drawings showing the revised detectable wayfinding layout.

The stainless steel bars and domes specified in CSI specification section 05 54 10 and shown on the contract plans are revised as follows:

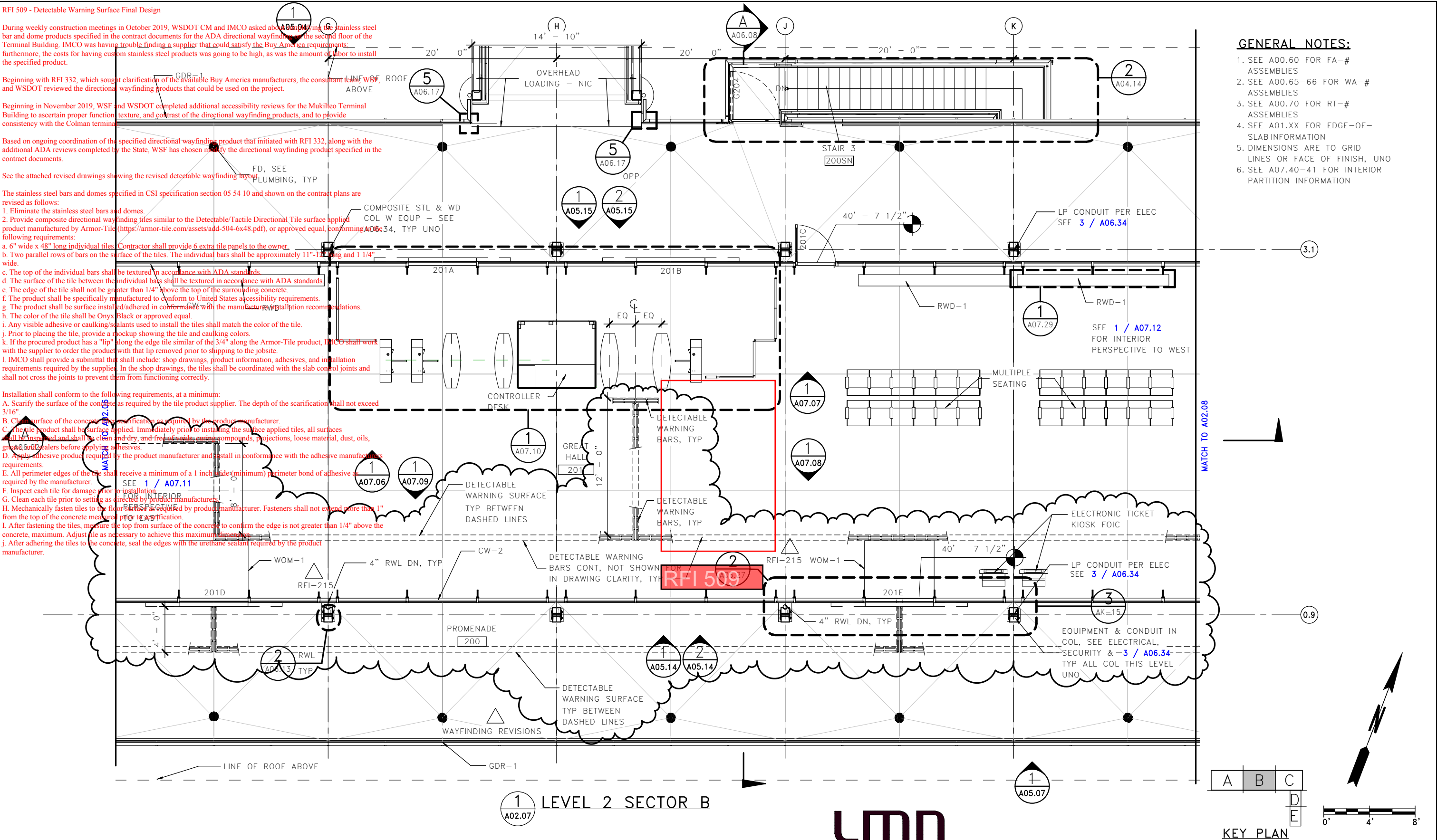
1. Eliminate the stainless steel bars and domes.
2. Provide composite directional wayfinding tiles similar to the Detectable/Tactile Directional Tile surface applied product manufactured by Armor-Tile (<https://armor-tile.com/assets/add-504-6x48.pdf>), or approved equal, conforming to the following requirements:
 - a. 6" wide x 48" long individual tiles. Contractor shall provide 6 extra tile panels to the owner.
 - b. Two parallel rows of bars on the surface of the tiles. The individual bars shall be approximately 11"-12" long and 1 1/4" wide.
 - c. The top of the individual bars shall be textured in accordance with ADA standards.
 - d. The surface of the tile between the individual bars shall be textured in accordance with ADA standards.
 - e. The edge of the tile shall not be greater than 1/4" above the top of the surrounding concrete.
 - f. The product shall be specifically manufactured to conform to United States accessibility requirements.
 - g. The product shall be surface installed/adhered in conformance with the manufacturer's installation recommendations.
 - h. The color of the tile shall be Onyx Black or approved equal.
 - i. Any visible adhesive or caulking/sealants used to install the tiles shall match the color of the tile.
 - j. Prior to placing the tile, provide a mockup showing the tile and caulking colors.
 - k. If the procured product has a "lip" along the edge tile similar of the 3/4" along the Armor-Tile product, IMCO shall work with the supplier to order the product with that lip removed prior to shipping to the jobsite.
 - l. IMCO shall provide a submittal that shall include: shop drawings, product information, adhesives, and installation requirements required by the supplier. In the shop drawings, the tiles shall be coordinated with the slab control joints and shall not cross the joints to prevent them from functioning correctly.

Installation shall conform to the following requirements, at a minimum:

- A. Scarify the surface of the concrete as required by the tile product supplier. The depth of the scarification shall not exceed 3/16".
- B. Clean surface of the concrete as required by the product manufacturer.
- C. The tile product shall be surface applied. Immediately prior to installing the surface applied tiles, all surfaces shall be inspected and shall be clean and dry, and free of sealers, curing compounds, projections, loose material, dust, oils, grease and sealers before applying adhesives.
- D. Apply adhesive product required by the product manufacturer and install in conformance with the adhesive manufacturer's requirements.
- E. All perimeter edges of the tile shall receive a minimum of a 1 inch wide (minimum) perimeter bond of adhesive as required by the manufacturer.
- F. Inspect each tile for damage prior to installation.
- G. Clean each tile prior to setting as directed by product manufacturer.
- H. Mechanically fasten tiles to the floor surface as required by product manufacturer. Fasteners shall not extend more than 1" from the top of the concrete measured prior to scarification.
- I. After fastening the tiles, measure the top from surface of the concrete to confirm the edge is not greater than 1/4" above the concrete, maximum. Adjust tile as necessary to achieve this maximum dimension.
- J. After adhering the tiles to the concrete, seal the edges with the urethane sealant required by the product manufacturer.

GENERAL NOTES:

1. SEE A00.60 FOR FA-# ASSEMBLIES
2. SEE A00.65-66 FOR WA-# ASSEMBLIES
3. SEE A00.70 FOR RT-# ASSEMBLIES
4. SEE A01.XX FOR EDGE-OF-SLAB INFORMATION
5. DIMENSIONS ARE TO GRID LINES OR FACE OF FINISH, UNO
6. SEE A07.40-41 FOR INTERIOR PARTITION INFORMATION



LMN

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H. FITZPATRICK

01/18/2019

ENTERED BY:

G. BISHOP

01/18/2019

CHECKED BY:

M. FISHER

01/18/2019

MAR PROJ ENGR:

C. TORRES

WAYFINDING REVISIONS

05/18/20

DGN ENGR MNGR:

N. MCINTOSH

CONFORMED PLANS

01/18/19

ASST SECRETARY:

A. SCARTON

REVISION

DATE

BY

FED.AID
PROJ.NO.
WA-2017-007-00
REGION NO.
10
STATE
WA
JOB NUMBER
18W121
CONTRACT NO.
00****



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - LEVEL 2 - SECTOR B PLAN

A02.07
SHEET
OF
SHEETS

GENERAL NOTES:

1. SEE A00.60 FOR FA-# ASSEMBLIES
2. SEE A00.65-66 FOR WA-# ASSEMBLIES
3. SEE A00.70 FOR RT-# ASSEMBLIES
4. SEE A01.XX FOR EDGE-OF-SLAB INFORMATION
5. DIMENSIONS ARE TO GRID LINES OR FACE OF FINISH, UNO
6. SEE A07.40-41 FOR INTERIOR PARTITION INFORMATION

RFI 509 - Detectable Warning Surface Final Design

During weekly construction meetings in October 2019, WSDOT CM and IMCO asked about simplifying the stainless steel bar and dome products specified in the contract documents for the ADA directional wayfinding on the second floor of the Terminal Building. IMCO was having trouble finding a supplier that could satisfy the Buy America requirements. Furthermore, the costs for having custom stainless steel products was going to be high, as was the amount of labor to install the specified product.

Beginning with RFI 332, which sought clarification of the available Buy America manufacturers, the consultant team, WSF, and WSDOT reviewed the directional wayfinding products that could be used on the project.

Beginning in November 2019, WSF and WSDOT completed additional accessibility reviews for the Mukilteo Terminal Building to maintain proper function, texture, and contrast of the directional wayfinding products, and to provide consistency with the Colman terminal.

Based on ongoing coordination of the specified directional wayfinding product that initiated with RFI 332, along with the additional ADA reviews completed by the State, WSF has chosen modify the directional wayfinding product specified in the contract documents.

See the attached revised drawing showing the revised detectable wayfinding layout.

The stainless steel bars and domes specified in CSI specification section 05 54 10 and shown on the contract plans are revised as follows:

1. Eliminate the stainless steel bars and domes.
2. Provide composite directional wayfinding tiles similar to the Detectable/Tactile Directional Tile surface applied product manufactured by Armor-Tile (<https://armor-tile.com/assets/add-504-6x48.pdf>), or approved equal, conforming to the following requirements:
 - a. 6" wide x 48" long individual tiles. Contractor shall provide 6 extra tile panels to the owner.
 - b. Two parallel rows of bars on the surface of the tiles. The individual bars shall be approximately 11"-12" long and 1 1/4" wide.
 - c. The top of the individual bars shall be textured in accordance with ADA standards.
 - d. The surface of the tile between the individual bars shall be textured in accordance with ADA standards.
 - e. The edge of the tile shall not be greater than 1/4" above the top of the surrounding concrete.
 - f. The product shall be specifically manufactured to conform to United States accessibility requirements.
 - g. The product shall be surface installed/adhered in conformance with the manufactures installation recommendations.
 - h. The color of the tile shall be Onyx Black or approved equal.
 - i. Any visible adhesive or caulking/sealants used to install the tiles shall match the color of the tile.
 - j. Prior to placing the tile, provide a mockup showing the tile and caulking colors.
 - k. If the procured product has a "lip" along the edge tile similar of the 3/4" along the Armor-Tile product, IMCO shall work with the supplier to order the product with that lip removed prior to shipping to the jobsite.
 - l. IMCO shall provide a submittal that shall include: shop drawings, product information, adhesives, and installation requirements required by the supplier. In the shop drawings, the tiles shall be coordinated with the slab control joints and shall not cross by joints to prevent them from functioning correctly.

- Installation shall conform to the following requirements, at a minimum:
- A. Scarify the surface of the concrete as required by the tile product supplier. The depth of the scarification shall not exceed 3/16".
 - B. Clean surface of the concrete after scarification as required by the product manufacturer.
 - C. The tile product shall be surface applied. Immediately prior to installing the surface applied tiles, all surfaces shall be inspected and shall be clean and dry, and free of voids, curing compounds, projections, loose material, dust, oils, grease, and sealers before applying adhesives.
 - D. Apply adhesive product required by the product manufacturer and install in conformance with the adhesive manufacturers requirements.
 - E. All perimeter edges of the tile shall receive a minimum of a 1 inch wide (minimum) perimeter bond of adhesive as required by the manufacturer.
 - F. Inspect each tile for damage prior to installation.
 - G. Clean each tile prior to setting as directed by product manufacturers.
 - H. Mechanically fasten tiles to the floor surface as required by product manufacturer. Fasteners shall not extend more than 1/8" from the top of the concrete measured prior to scarification.
 - I. After setting the tiles, measure the top from surface of the concrete to confirm the edge is not greater than 1/4" above the concrete, maximum. Adjust tile as necessary to achieve this maximum dimension.
 - J. After adhering the tiles to the concrete, seal the edges with the urethane sealant required by the product manufacturer.

A B C
D
E
KEY PLAN

0' 4' 8'

1 LEVEL 2 SECTOR C
A02.08

LMN



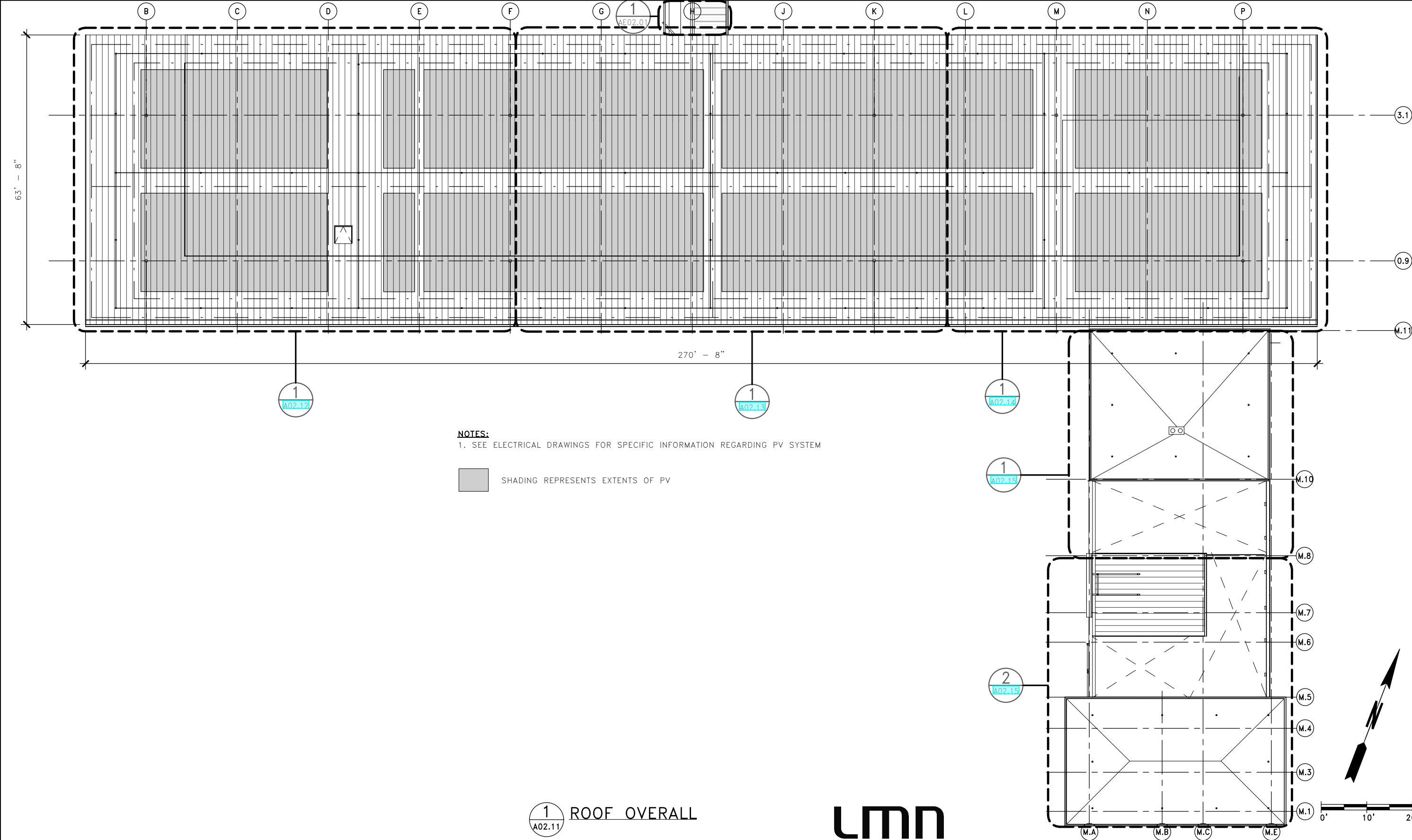
Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

TERMINAL - LEVEL 2 - SECTOR C PLAN

A02.08
SHEET
OF
SHEETS

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DESIGNED BY: H. FITZPATRICK		01/18/2019		STATE WA	
ENTERED BY: G. BISHOP		01/18/2019		JOB NUMBER 18W121	
CHECKED BY: M. FISHER		01/18/2019		CONTRACT NO. 00****	
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DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS		DATE 01/18/19	
ASST SECRETARY: A. SCARTON		REVISION		DATE	



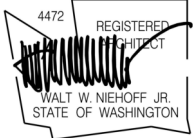
NOTES:
1. SEE ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION REGARDING PV SYSTEM

 SHADING REPRESENTS EXTENTS OF PV

1 ROOF OVERALL
A02.11



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ENTERED BY: G. BISHOP	01/18/2019			JOB NUMBER 18W121	
CHECKED BY: M. FISHER	01/18/2019			CONTRACT NO. 00****	
MAR PROJ ENGR: C. TORRES		CONFORMED PLANS	01/18/19		
DGN ENGR MNGR: N. MCINTOSH		REVISION	DATE	BY	
ASST SECRETARY: A. SCARTON					

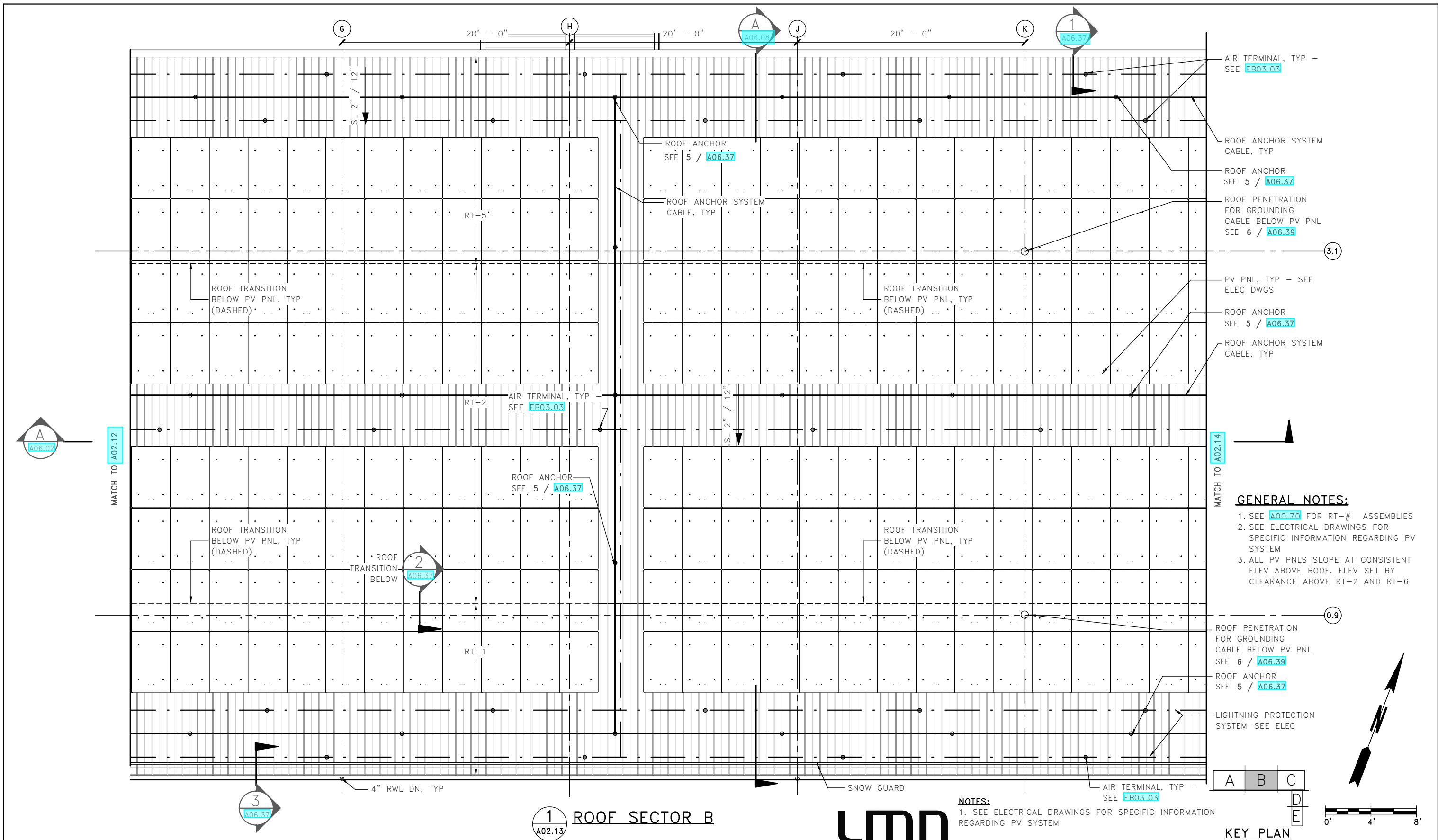


01/18/19
DATE



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL – ROOF – OVERALL PLAN

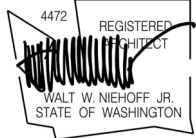
A02.11
SHEET
887
OF
1521
SHEETS



- GENERAL NOTES:**
1. SEE A00.70 FOR RT-# ASSEMBLIES
 2. SEE ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION REGARDING PV SYSTEM
 3. ALL PV PNLS SLOPE AT CONSISTENT ELEV ABOVE ROOF. ELEV SET BY CLEARANCE ABOVE RT-2 AND RT-6

NOTES:
1. SEE ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION REGARDING PV SYSTEM

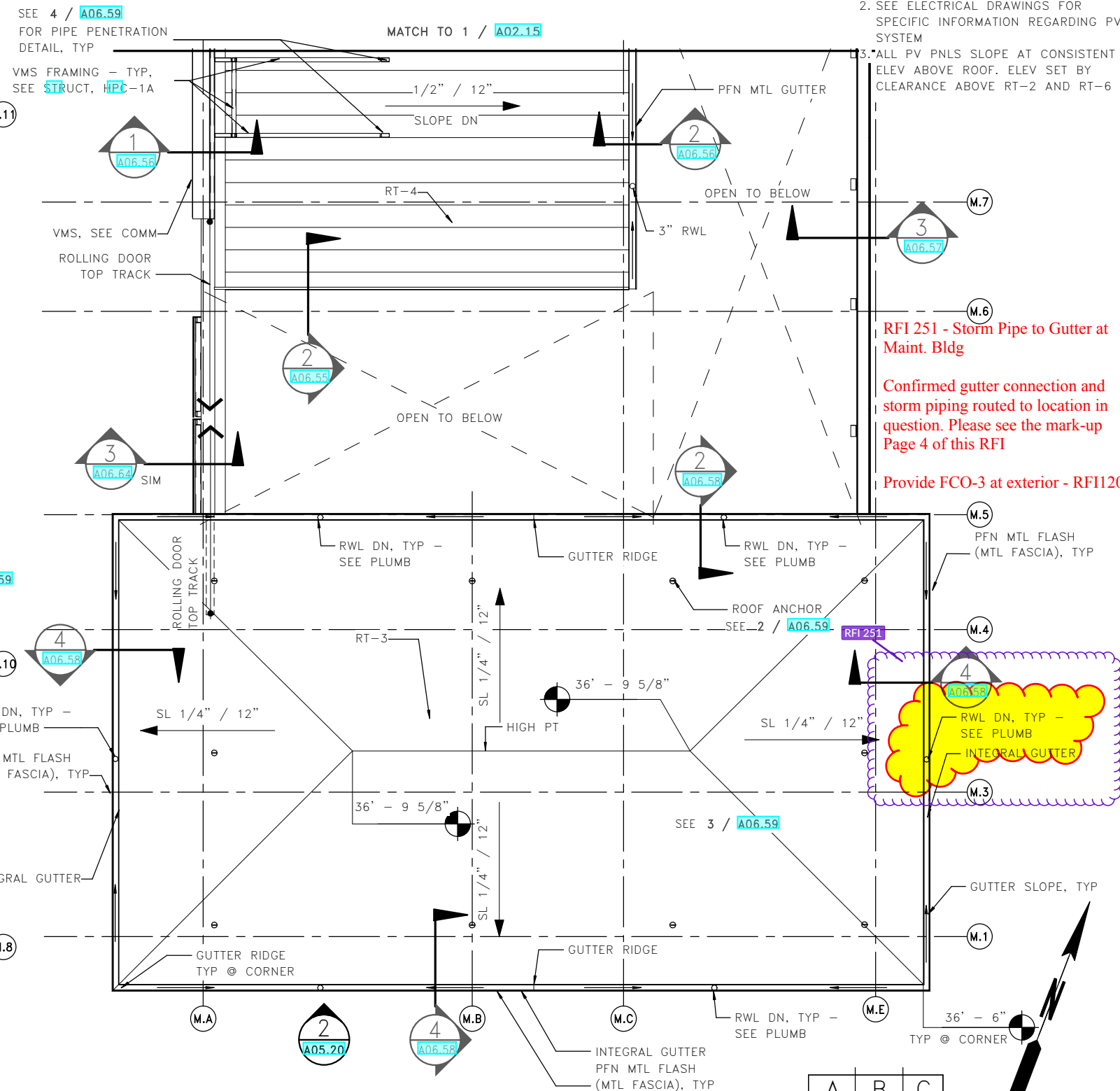
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ASST SECRETARY:	A. SCARTON		REVISION	DATE	00****	



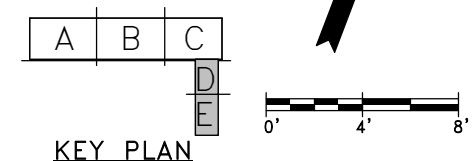
SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - ROOF - SECTOR B PLAN

A02.13
SHEET
889
OF
1521
SHEETS

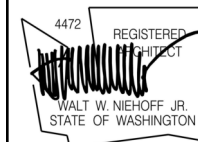
1. SEE **A00.70** FOR RT-# ASSEMBLIES
2. SEE ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION REGARDING PV SYSTEM
3. ALL PV PNLS SLOPE AT CONSISTENT ELEV ABOVE ROOF. ELEV SET BY CLEARANCE ABOVE RT-2 AND RT-6



2 ROOF - SECTOR E



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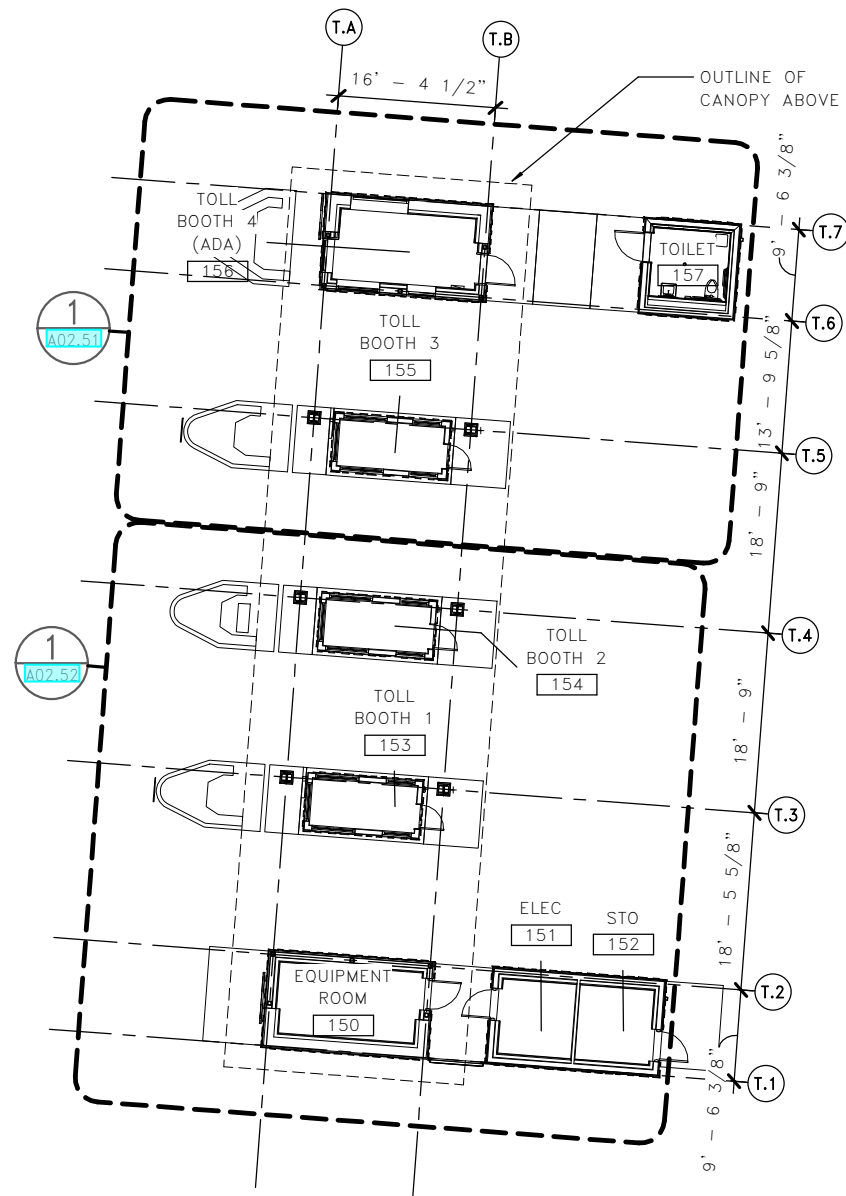


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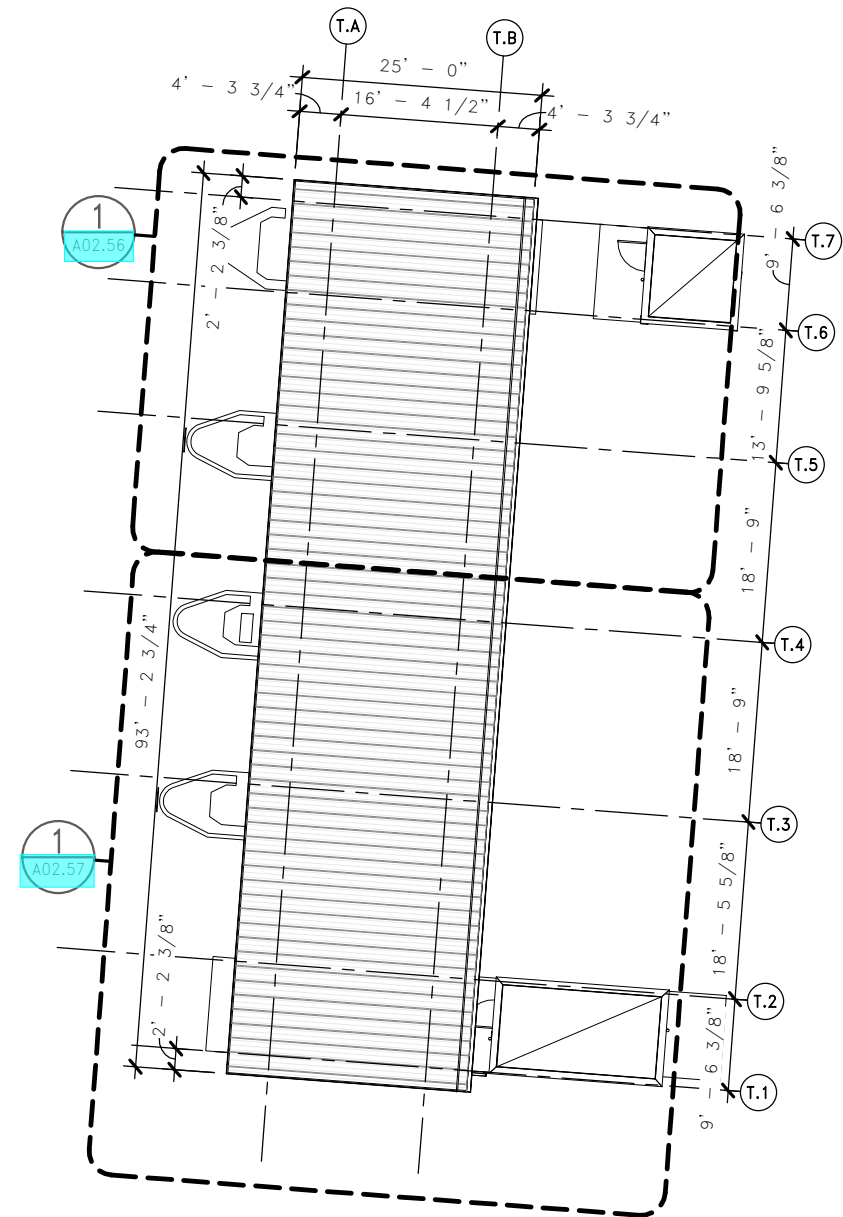
SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL ROOF SECTOR D & E PLANS

A02.15

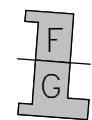
SHEET
891
OF
1521
SHEETS



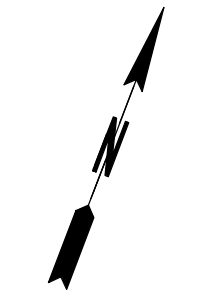
1 LEVEL 1 OVERALL PLAN
A02.50



2 OVERALL ROOF PLAN
A02.50

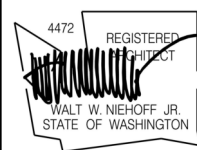


KEY PLAN



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DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19
ASST SECRETARY: A. SCARTON		REVISION	DATE BY



01/18/19
DATE



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TOLL PLAZA - OVERALL PLANS

A02.50
SHEET
892
OF
1521
SHEETS

RFI 223 - Crash Barrier Elevations

TOP OF CURB ELEVATION SHOULD MATCH THE FLOOR ELEVATION INSIDE THE ADJACENT TOLL BOOTH (SEE A02.51 AND A02.52). PER CONVERSATIONS AT THE TUESDAY, JULY 16TH DESIGN TEAM MEETING, WE UNDERSTAND THAT WSF APPROVED A FINAL CRASH BARRIER HEIGHT OF 2'-6" ABV TOP OF CURB.

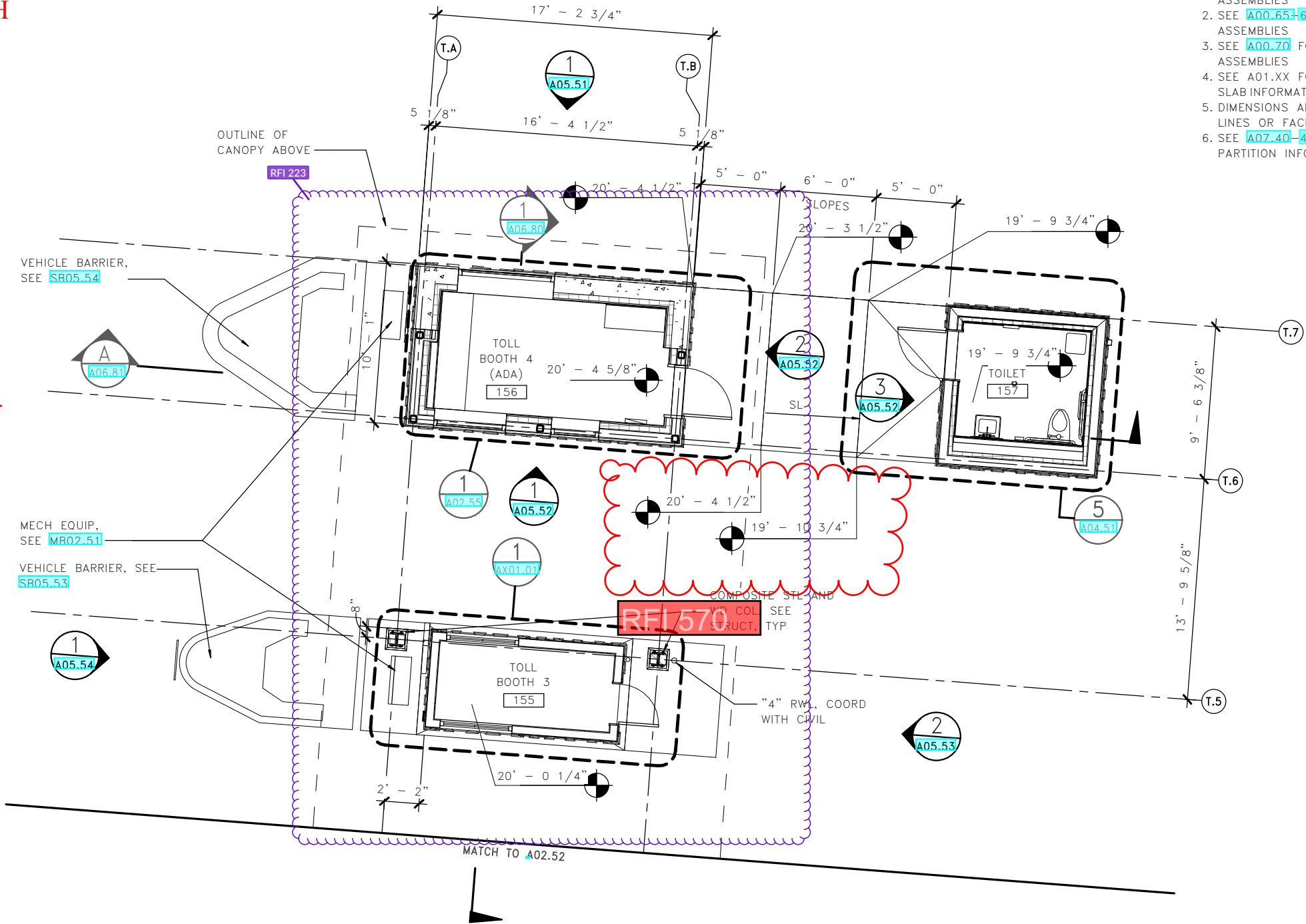
RFI 570 - Toll Booth Ponding Issue

Regrade per attached sheets. If ADA slope requirements cannot be achieved, contact engineer immediately.

as per attached sheets,
FL ELEV = 20' 4 3/8"
20'-4 1/2" to 20'-3 1/4"
19'-10 3/4" to 19'-9 1/2"

GENERAL NOTES:

1. SEE A00.60 FOR FA-# ASSEMBLIES
2. SEE A00.65+66 FOR WA-# ASSEMBLIES
3. SEE A00.70 FOR RT-# ASSEMBLIES
4. SEE A01.XX FOR EDGE-OF-SLAB INFORMATION
5. DIMENSIONS ARE TO GRID LINES OR FACE OF FINISH, UNO
6. SEE A07.40-41 FOR INTERIOR PARTITION INFORMATION



1 TOLL PLAZA SECTOR F PLAN
A02.51

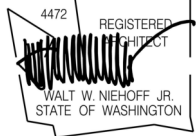
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F
G

KEY PLAN

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ENTERED BY:	G. BISHOP	01/18/2019		10	WA
CHECKED BY:	M. FISHER	01/18/2019		JOB NUMBER	
MAR PROJ ENGR:	C. TORRES			18W121	
DGN ENGR MNGR:	N. MCINTOSH		CONFORMED PLANS	01/18/19	
ASST SECRETARY:	A. SCARTON		REVISION	DATE	BY
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01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

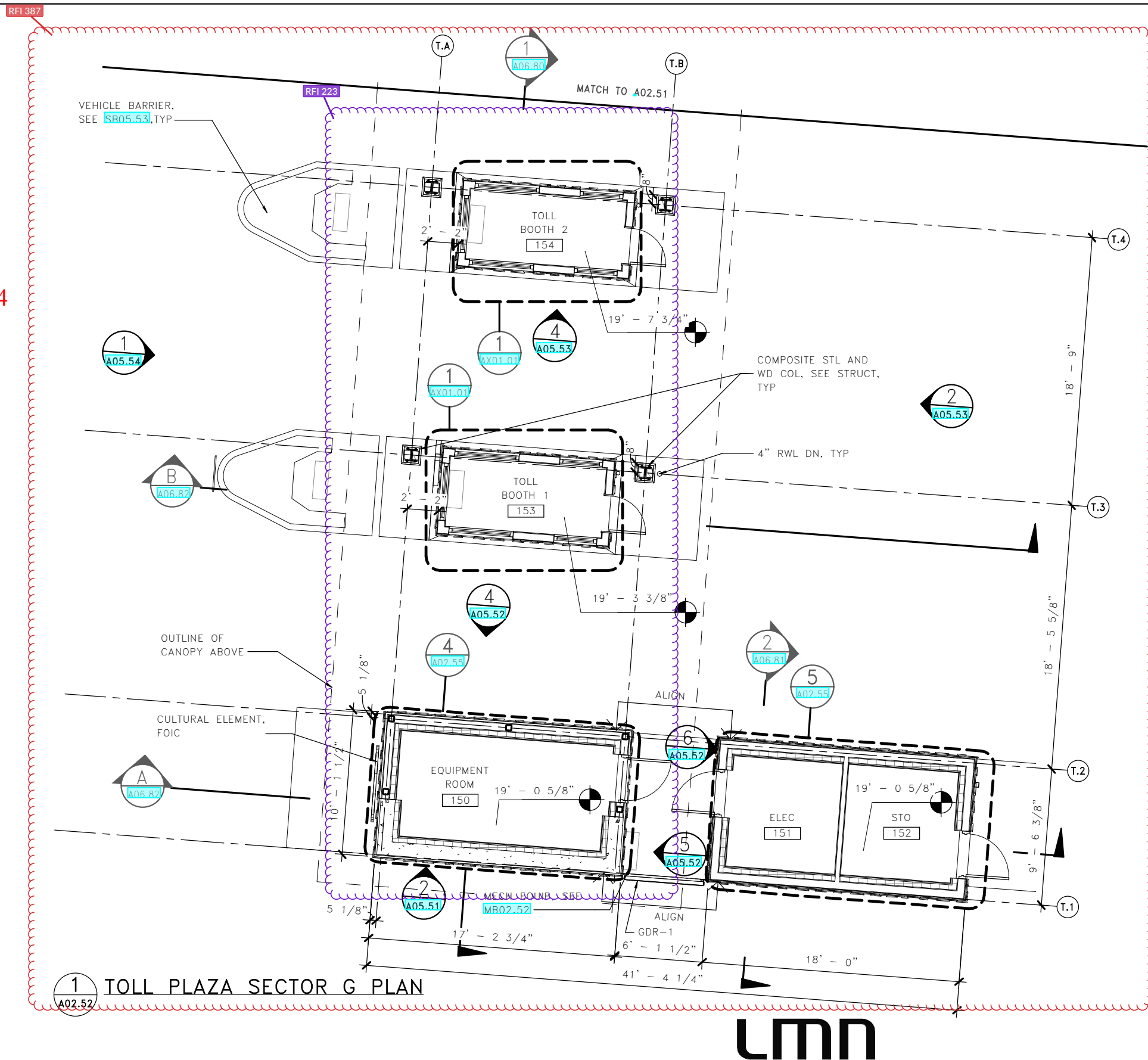
TOLL PLAZA - LEVEL 1-SECTOR F PLAN

A02.51

SHEET
893
OF
1521
SHEETS

RFI 387 - HVAC Location

See location for exterior HVAC unit at Toll Booths on revised sheets A02.51 and A02.52. Confirm clearance requirements for equipment is met. Keep equipment 12" clear of wood siding typical and 6" clear of Cultural Element at Toll Booth 4 (LMN)



GENERAL NOTES:

1. SEE A00.60 FOR FA-# ASSEMBLIES
2. SEE A00.65-66 FOR WA-# ASSEMBLIES
3. SEE A00.70 FOR RT-# ASSEMBLIES
4. SEE A01.XX FOR EDGE-OF-SLAB INFORMATION
5. DIMENSIONS ARE TO GRID LINES OR FACE OF FINISH, UNO
6. SEE A07.40-41 FOR INTERIOR PARTITION INFORMATION

RFI 223 - Crash Barrier Elevations

TOP OF CURB ELEVATION SHOULD MATCH THE FLOOR ELEVATION INSIDE THE ADJACENT TOLL BOOTH (SEE A02.51 AND A02.52). PER CONVERSATIONS AT THE TUESDAY, JULY 16TH DESIGN TEAM MEETING, WE UNDERSTAND THAT WSF APPROVED A FINAL CRASH BARRIER HEIGHT OF 2'-6" ABV TOP OF CURB.

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CHECKED BY: M. FISHER

01/18/2019

MAR PROJ ENGR: C. TORRES

DGN ENGR MNGR: N. MCINTOSH

CONFORMED PLANS

01/18/19

ASST SECRETARY: A. SCARTON

REVISION

DATE

BY

FED.AID
PROJ.NO.

WA-2017-007-00

REGION NO. STATE

10 WA

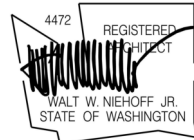
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CONTRACT NO.

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DATE



01/18/19

DATE



SR 525

MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

TOLL PLAZA - LEVEL 1-SECTOR G PLAN

A02.52

SHEET
894
OF
1521
SHEETS



4472 REGISTERED
ARCHITECT
WALT W. NIEHOFF JR.
STATE OF WASHINGTON

01/18/19



**Washington State
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WASHINGTON STATE FERRIES

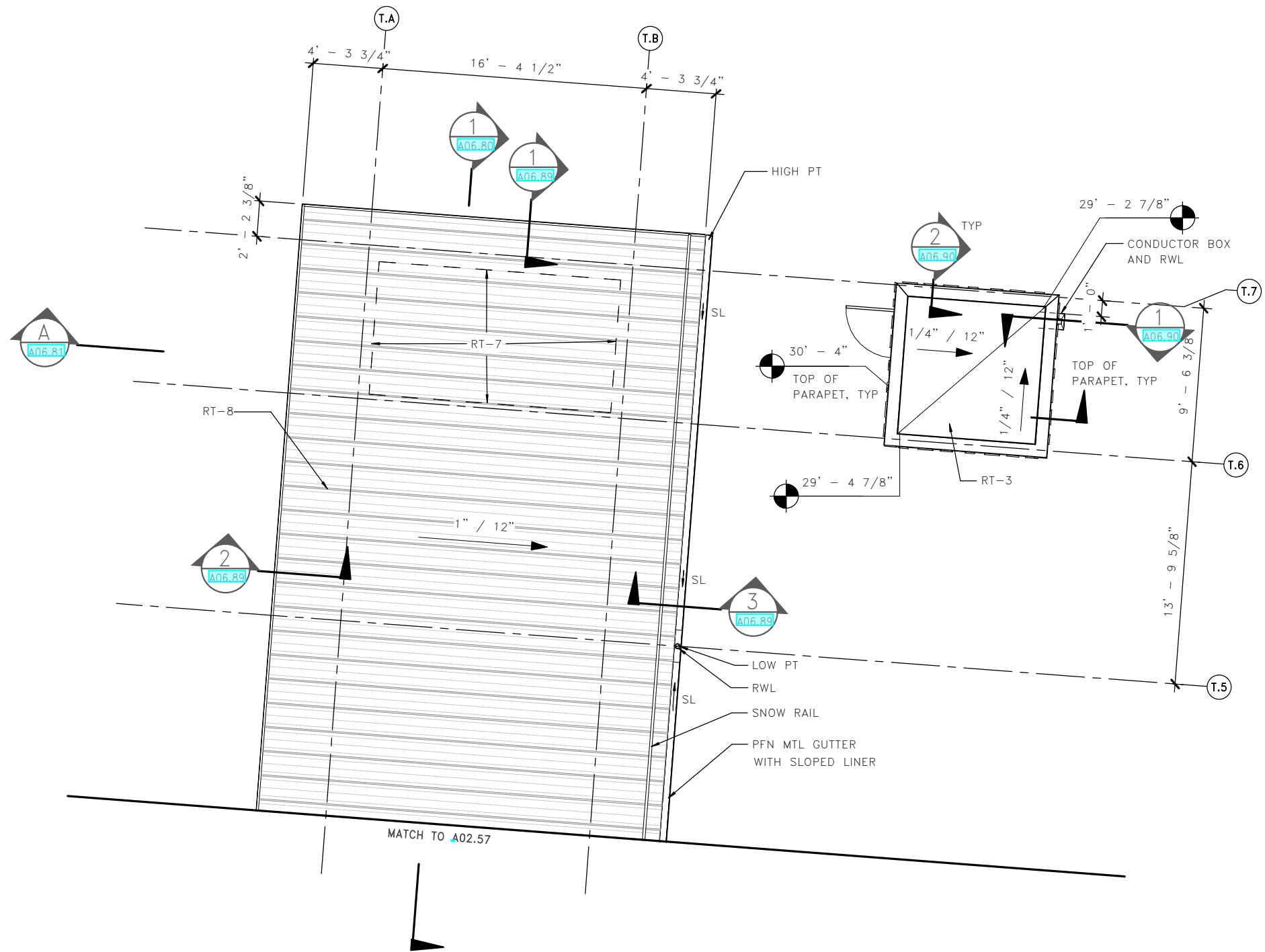
SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TOLL PLAZA –ENLARGED PLANS

A02.55

SHEET
895
OF
1521
SHEETS

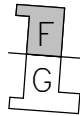
GENERAL NOTES:

1. SEE A00.70 FOR RT-# ASSEMBLIES
2. SEE ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION REGARDING PV SYSTEM
3. ALL PV PNLS SLOPE AT CONSISTENT ELEV ABOVE ROOF. ELEV SET BY CLEARANCE ABOVE RT-2 AND RT-6

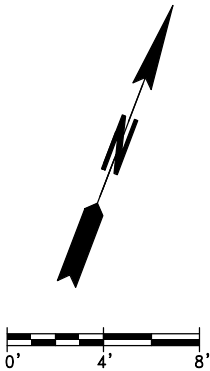




1 TOLL PLAZA - ROOF PLAN SECTOR F
A02.56

LMN

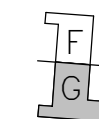


KEY PLAN





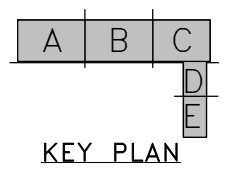
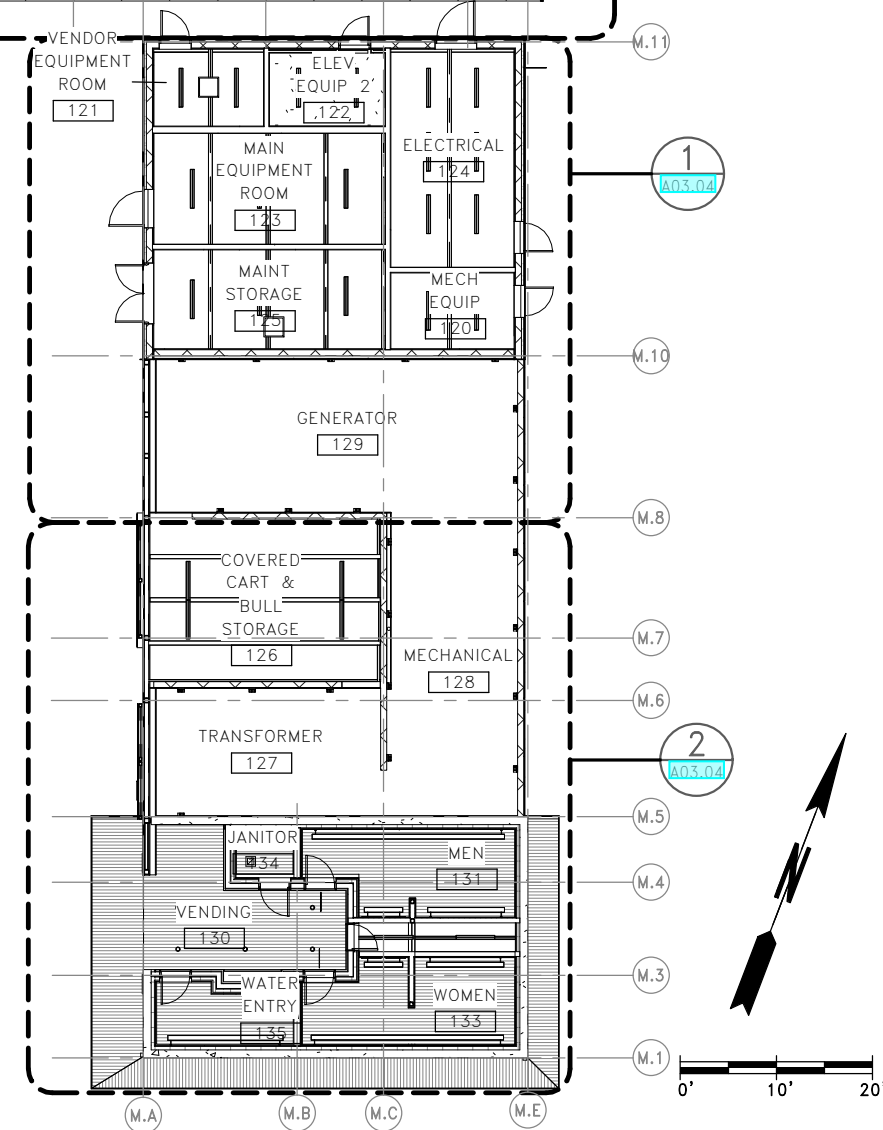
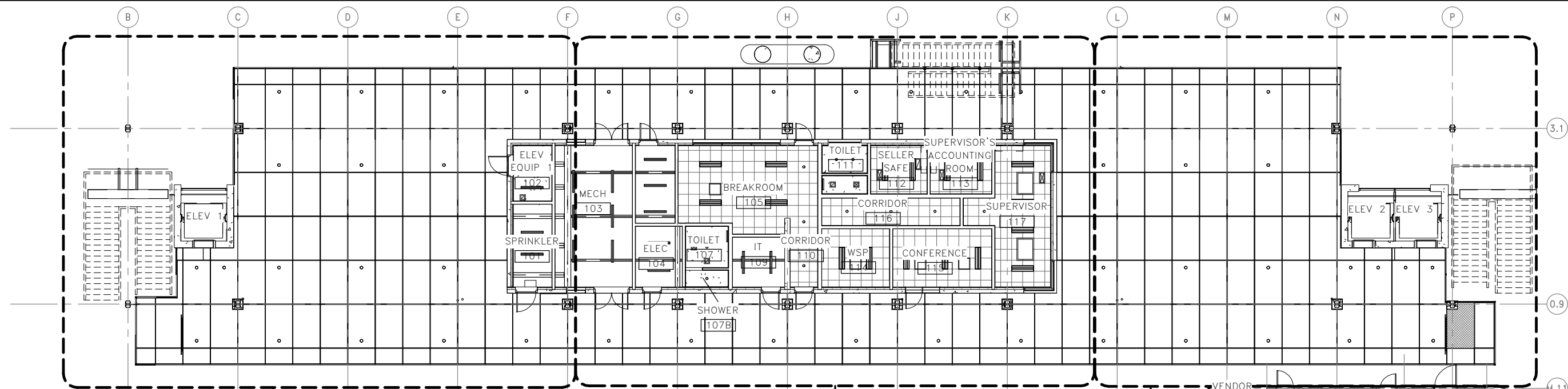
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PRINTED: 1/16/2019 1:57:59 PM	LAST PRINTED BY: MGREENSHIELDS			WA-2017-007-00					
SUBMITTAL DATE: 01/18/2019	DESIGNED BY: H. FITZPATRICK	01/18/2019		REGION NO. 10	STATE WA	 WALT W. NIEHOFF JR. STATE OF WASHINGTON	01/18/19		
ENTERED BY: G. BISHOP	CHECKED BY: M. FISHER	01/18/2019		JOB NUMBER 18W121	CONTRACT NO. 00****				
MAR PROJ ENGR: C. TORRES	DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19					
ASST SECRETARY: A. SCARTON			REVISION	DATE	BY				

1. SEE [A00.70](#) FOR RT-# ASSEMBLIES
2. SEE ELECTRICAL DRAWINGS FOR SPECIFIC INFORMATION REGARDING PV SYSTEM
3. ALL PV PNLS SLOPE AT CONSISTENT ELEV ABOVE ROOF. ELEV SET BY CLEARANCE ABOVE RT-2 AND RT-6



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FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt										<div><div>4472 REGISTERED ARCHITECT  WALT W. NIEHOFF JR. STATE OF WASHINGTON</div><div>01/18/19</div></div>		<div><div> Washington State Department of Transportation WASHINGTON STATE FERRIES</div></div>		<div>SR 525 MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION</div>		A02.57	
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SUBMITTAL DATE: 01/18/2019		MCGREENSHIELDS		WA-2017-007-00		REGION: NO. 10 STATE WA		1521									
DESIGNED BY: H. FITZPATRICK		01/18/2019		JOB NUMBER 18W121		DATE		SHEETS									
ENTERED BY: G. BISHOP		01/18/2019		CONTRACT NO. 00****		DATE											
CHECKED BY: M. FISHER		01/18/2019		CONFORMED PLANS		DATE											
MAR PROJ ENGR: C. TORRES				REVISION		DATE											
DGN ENGR MNGR: N. MCINTOSH				DATE		BY											
ASST SECRETARY: A SCARTON																	



1 LEVEL 1 OVERALL RCP
A03.00



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DESIGNED BY: H. FITZPATRICK					10 WA	
ENTERED BY: G. BISHOP					JOB NUMBER	
CHECKED BY: M. FISHER					18W121	
MAR PROJ ENGR: C. TORRES					CONTRACT NO.	
DGN ENGR MNGR: N. MCINTOSH					00****	
ASST SECRETARY: A. SCARTON					CONFORMED PLANS	
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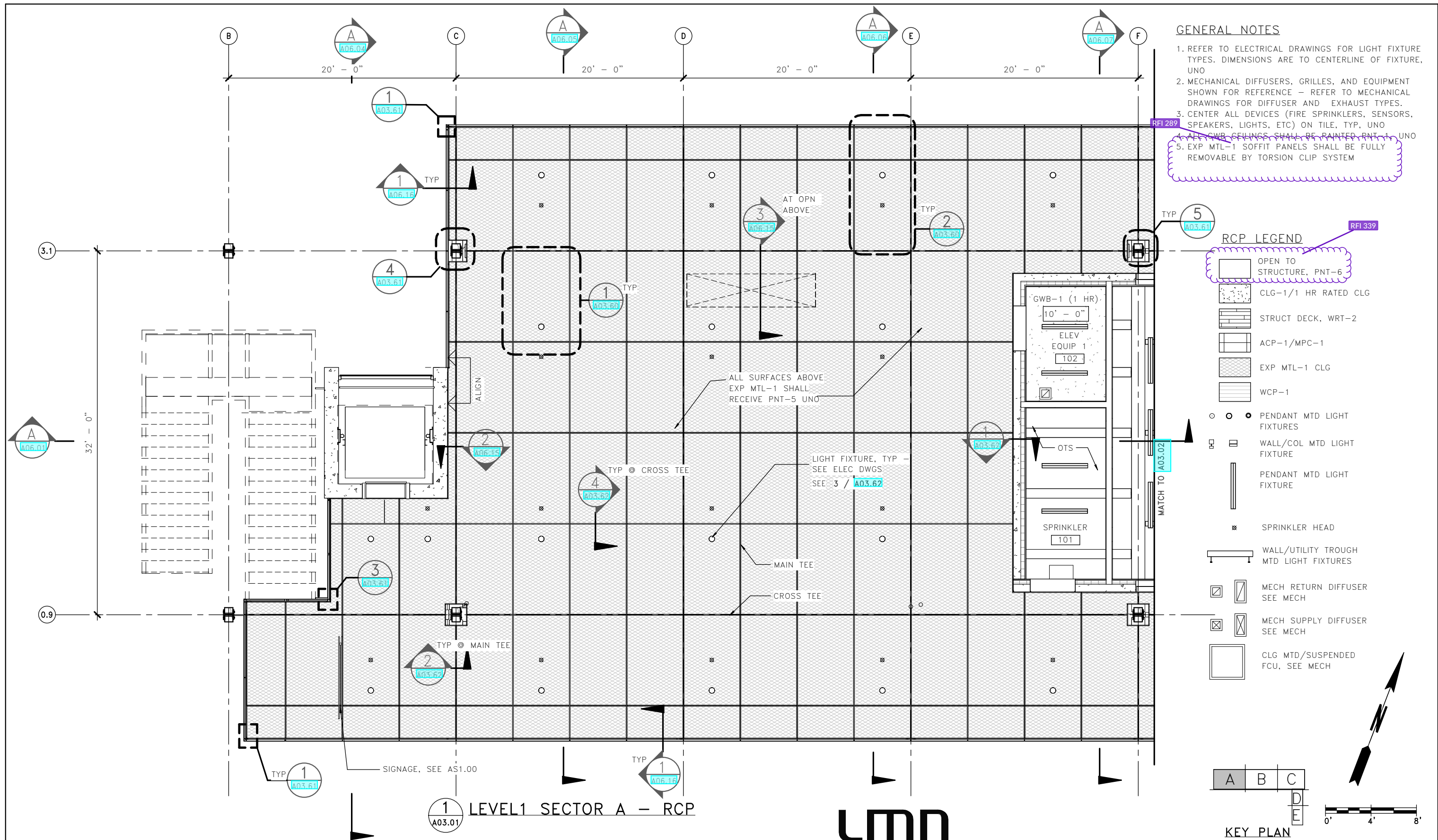


01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - LEVEL 1 - OVERALL RCP

A03.00
SHEET
898
OF
1521
SHEETS



FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt										<div><div>4472 REGISTERED ARCHITECT</div><div>WALT W. NIEHOFF JR. STATE OF WASHINGTON</div></div> <div>01/18/19</div>		<div><div><div></div></div><div>Washington State Department of Transportation</div><div>WASHINGTON STATE FERRIES</div></div>		SR 525		A03.01	
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SUBMITTAL DATE: 01/18/2019				WA-2017-007-00		REGION NO. 10 STATE WA		FERRY TERMINAL CONSTRUCTION		OF 1521							
DESIGNED BY: H. FITZPATRICK		01/18/2019				JOB NUMBER 18W121		TERMINAL - LEVEL 1 - SECTOR A RCP		SHEETS							
ENTERED BY: G. BISHOP		01/18/2019				CONTRACT NO. 00****											
CHECKED BY: M. FISHER		01/18/2019															
MAR PROJ ENGR: C. TORRES																	
DGN ENGR MNGR: N. MCINTOSH				CONFORMED PLANS		01/18/19											
ASST SECRETARY: A. SCARTON				REVISION		DATE BY											

RFI 289 - EXP MTL-1 Ceiling

Note 5 on A03.01 through A03.03 is a remnant from a previous design - there are no torsion springs in the system. It should be corrected to read:

"5. EXP MTL-1 SOFFIT PANELS SHALL BE FULLY REMOVABLE PANELS"

The proposed 2'x4' system is not acceptable. It is not clear from the RFI what the specific concern is with the system? The panel sizes could be reduced by dividing the 5'x8' panels in half to 5'x4' panels and adding a grid in the east/west direction at the center of the 8' dimension. The standard sheet sizes from McNichols are 48"x120" which could be cut in half with no waste which is more efficient than the current panels which would have to be cut from their 60"x120" sheets. If this solution works for everybody we would want to revise the rcp's accordingly. The specified grid is sufficient to support these panels, see attached email from Armstrong tech support.

RFI 339 - Steel Tube Color

The statement about colors above is correct. Only the horizontal HSS members above the Vending area are to be painted PNT-4 (per SK-47A there are now 4 HSS total)

The RCP legend should be revised to read "OPEN TO STRUCTURE, PNT-5" - this would apply to the spaces at level 1 at Terminal and Maintenance Bldg which are open to structure. At level 2 you should not interpret open to structure as the CLT above (do not paint that black). But all exposed steel above those spaces should be PNT-5.

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES. DIMENSIONS ARE TO CENTERLINE OF FIXTURE, UNO
2. MECHANICAL DIFFUSERS, GRILLES, AND EQUIPMENT SHOWN FOR REFERENCE - REFER TO MECHANICAL DRAWINGS FOR DIFFUSER AND EXHAUST TYPES.
3. CENTER ALL DEVICES (FIRE SPRINKLERS, SENSORS, SPEAKERS, LIGHTS, ETC) ON TILE, TYP, UNO
4. ALL GWB CEILINGS SHALL BE PAINTED PNT-1 UNO
5. EXP MTL-1 SOFFIT PANELS SHALL BE FULLY REMOVABLE BY TORSION CLIP SYSTEM

RCP LEGEND

- OPEN TO STRUCTURE, PNT-6
- CLG-1/1 HR RATED CLG
- STRUCT DECK, WRT-2
- ACP-1/MPC-1
- EXP MTL-1 CLG
- WCP-1
- PENDANT MTD LIGHT FIXTURES
- WALL/COL MTD LIGHT FIXTURE
- PENDANT MTD LIGHT FIXTURE
- SPRINKLER HEAD
- WALL/UTILITY TROUGH MTD LIGHT FIXTURES
- MECH RETURN DIFFUSER SEE MECH
- MECH SUPPLY DIFFUSER SEE MECH
- CLG MTD/SUSPENDED FCU, SEE MECH

KEY PLAN

0' 4' 8'

LMN

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SUBMITTAL DATE: 01/18/2019

DESIGNED BY: H. FITZPATRICK

01/18/2019

ENTERED BY: G. BISHOP

01/18/2019

CHECKED BY: M. FISHER

01/18/2019

MAR PROJ ENGR: C. TORRES

DGN ENGR MNGR: N. MCINTOSH

ASST SECRETARY: A. SCARTON

CONFORMED PLANS

01/18/19

REVISION

DATE

BY

FED.AID PROJ.NO.

WA-2017-007-00

REGION NO. STATE

10 WA

JOB NUMBER

18W121

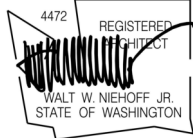
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01/18/19

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SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

TERMINAL - LEVEL 1 - SECTOR A RCP

A03.01

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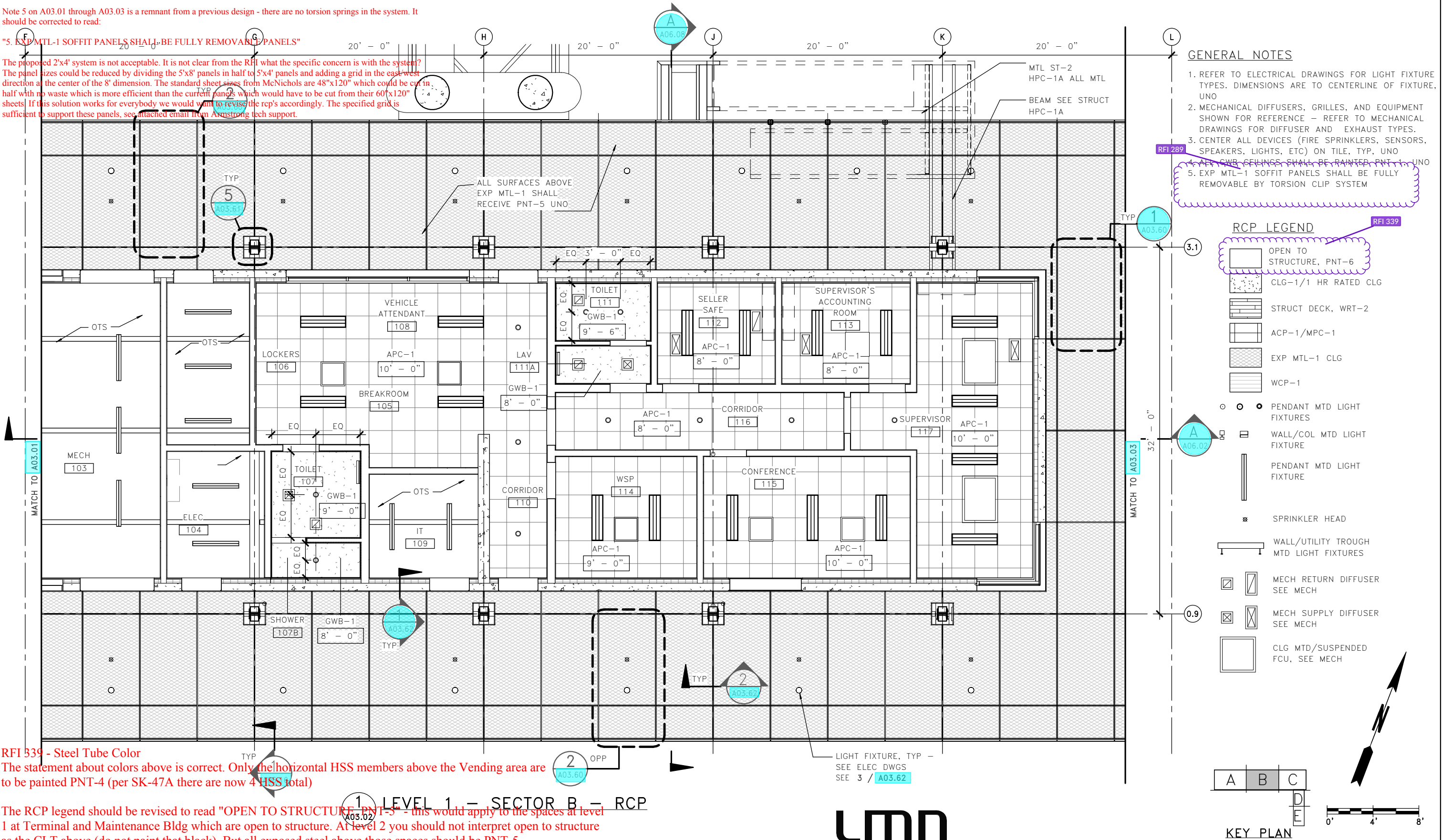
1521

SHEETS

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GENERAL NOTES

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4. ALL GWB CEILINGS SHALL BE PAINTED PNT-1 UNO
5. EXP MTL-1 SOFFIT PANELS SHALL BE FULLY REMOVABLE BY TORSION CLIP SYSTEM

RCP LEGEND

- OPEN TO STRUCTURE, PNT-6
- CLG-1/1 HR RATED CLG
- STRUCT DECK, WRT-2
- ACP-1/MPC-1
- EXP MTL-1 CLG
- WCP-1
- PENDANT MTD LIGHT FIXTURES
- WALL/COL MTD LIGHT FIXTURE
- PENDANT MTD LIGHT FIXTURE
- SPRINKLER HEAD
- WALL/UTILITY TROUGH MTD LIGHT FIXTURES
- MECH RETURN DIFFUSER SEE MECH
- MECH SUPPLY DIFFUSER SEE MECH
- CLG MTD/SUSPENDED FCU, SEE MECH

KEY PLAN

RFI 339 - Steel Tube Color

The statement about colors above is correct. Only the horizontal HSS members above the Vending area are to be painted PNT-4 (per SK-47A there are now 4 HSS total)

The RCP legend should be revised to read "OPEN TO STRUCTURE PNT-5" - this would apply to the spaces at level 1 at Terminal and Maintenance Bldg which are open to structure. At level 2 you should not interpret open to structure as the CLT above (do not paint that black). But all exposed steel above those spaces should be PNT-5.

LMN

Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - LEVEL 1 - SECTOR B RCP

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ENTERED BY: G. BISHOP	CHECKED BY: M. FISHER			JOB NUMBER 18W121	
MAR PROJ ENGR: C. TORRES	DGN ENGR MNGR: N. MCINTOSH	CONFORMED PLANS	01/18/19	CONTRACT NO. 00****	
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY	

4472
REGISTERED
ARCHITECT
WALT W. NIEHOFF JR.
STATE OF WASHINGTON

01/18/19

A03.02
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900
OF
1521
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RFI 289 - EXP MTL-1 Ceiling

Note 5 on A03.01 through A03.03 is a remnant from a previous design - there are no torsion springs in the system. It should be corrected to read:

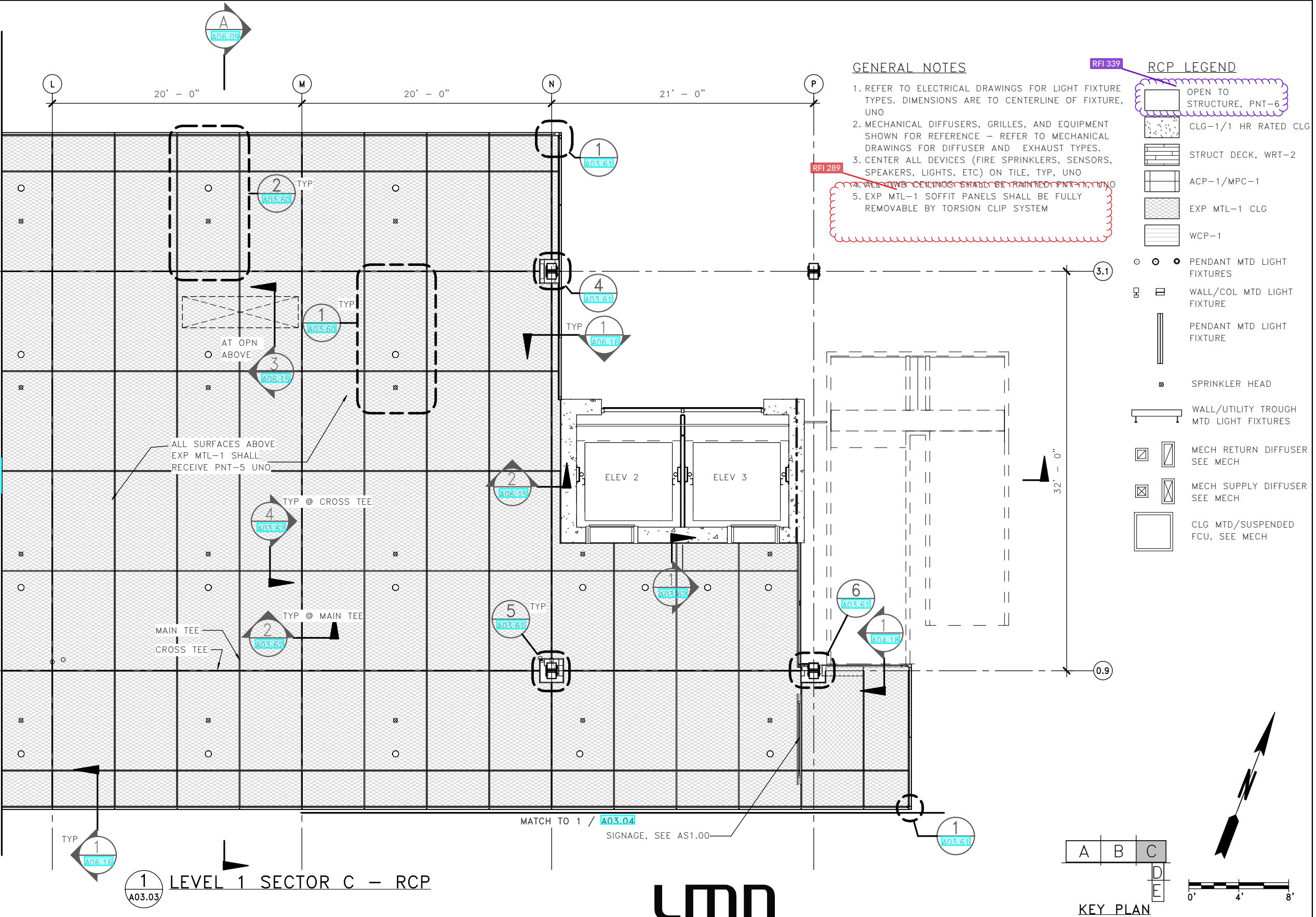
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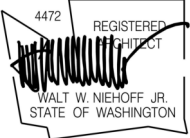
RFI 339 - Steel Tube Color

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The RCP legend should be revised to read "OPEN TO STRUCTURE, PNT-5" - this would apply to the spaces at level 1 at Terminal and Maintenance Bldg which are open to structure. At level 2 you should not interpret open to structure as the CLT above (do not paint that black). But all exposed steel above those spaces should be PNT-5.

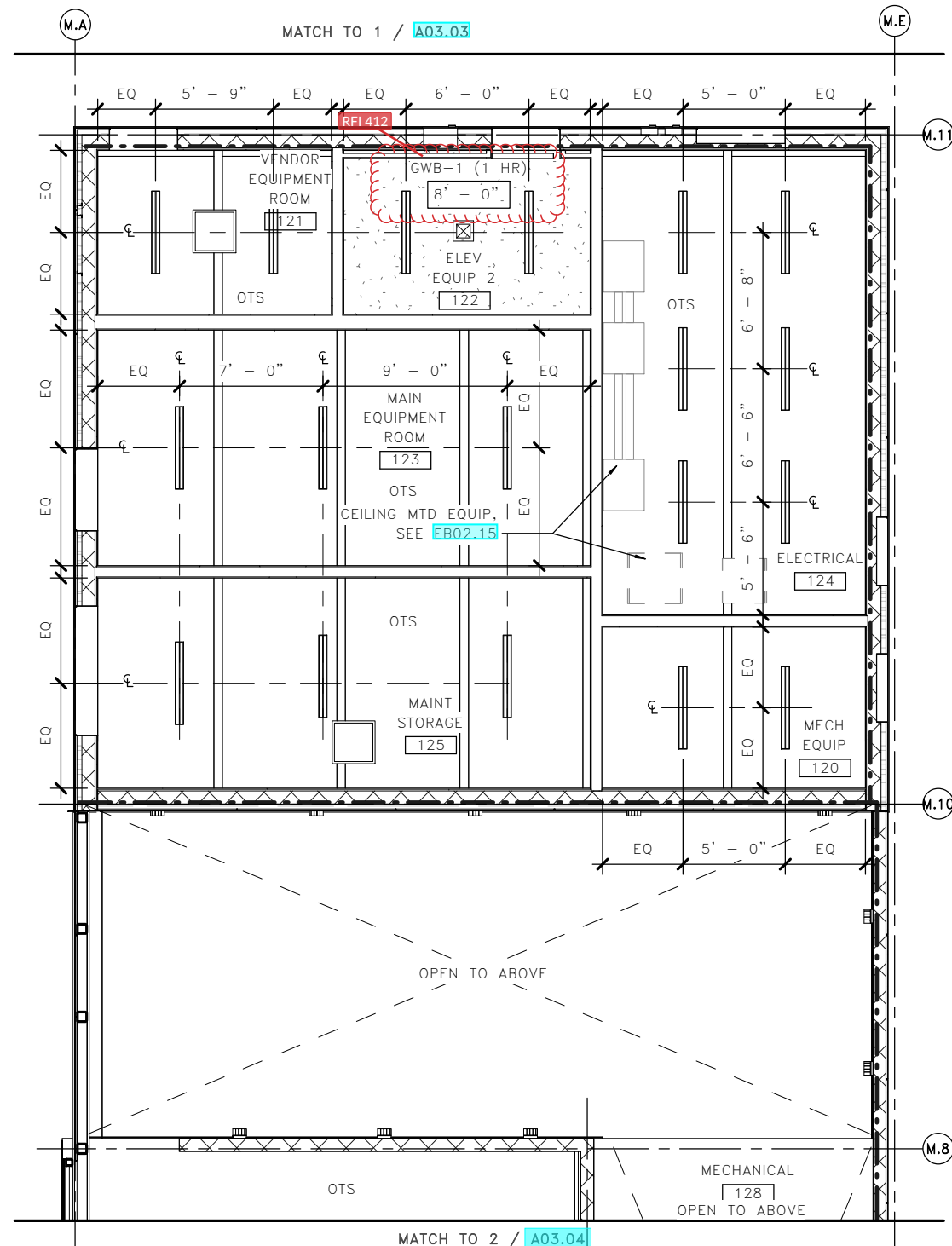


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SUBMITTAL DATE: 01/18/2019	DESIGNED BY: H. FITZPATRICK		REGION NO. 10 STATE WA
ENTERED BY: G. BISHOP	CHECKED BY: M. FISHER		JOB NUMBER 18W121
MAR PROJ ENGR: C. TORRES	DGN ENGR MNGR: N. MCINTOSH	CONFORMED PLANS 01/18/19	CONTRACT NO. 00****
ASST SECRETARY: A. SCARTON		REVISION	DATE BY



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - LEVEL 1 - SECTOR C RCP

A03.03
SHEET 901 OF 1521 SHEETS



1 LEVEL 1 SECTOR D — RCP
A03.04

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES. DIMENSIONS ARE TO CENTERLINE OF FIXTURE, UNO
2. MECHANICAL DIFFUSERS, GRILLES, AND EQUIPMENT SHOWN FOR REFERENCE — REFER TO MECHANICAL DRAWINGS FOR DIFFUSER AND EXHAUST TYPES.
3. CENTER ALL DEVICES (FIRE SPRINKLERS, SENSORS, SPEAKERS, LIGHTS, ETC) ON TILE, TYP, UNO
4. ALL GWB CEILINGS SHALL BE PAINTED PNT-1, UNO
5. EXP MTL-1 SOFFIT PANELS SHALL BE FULLY REMOVABLE BY TORSION CLIP SYSTEM

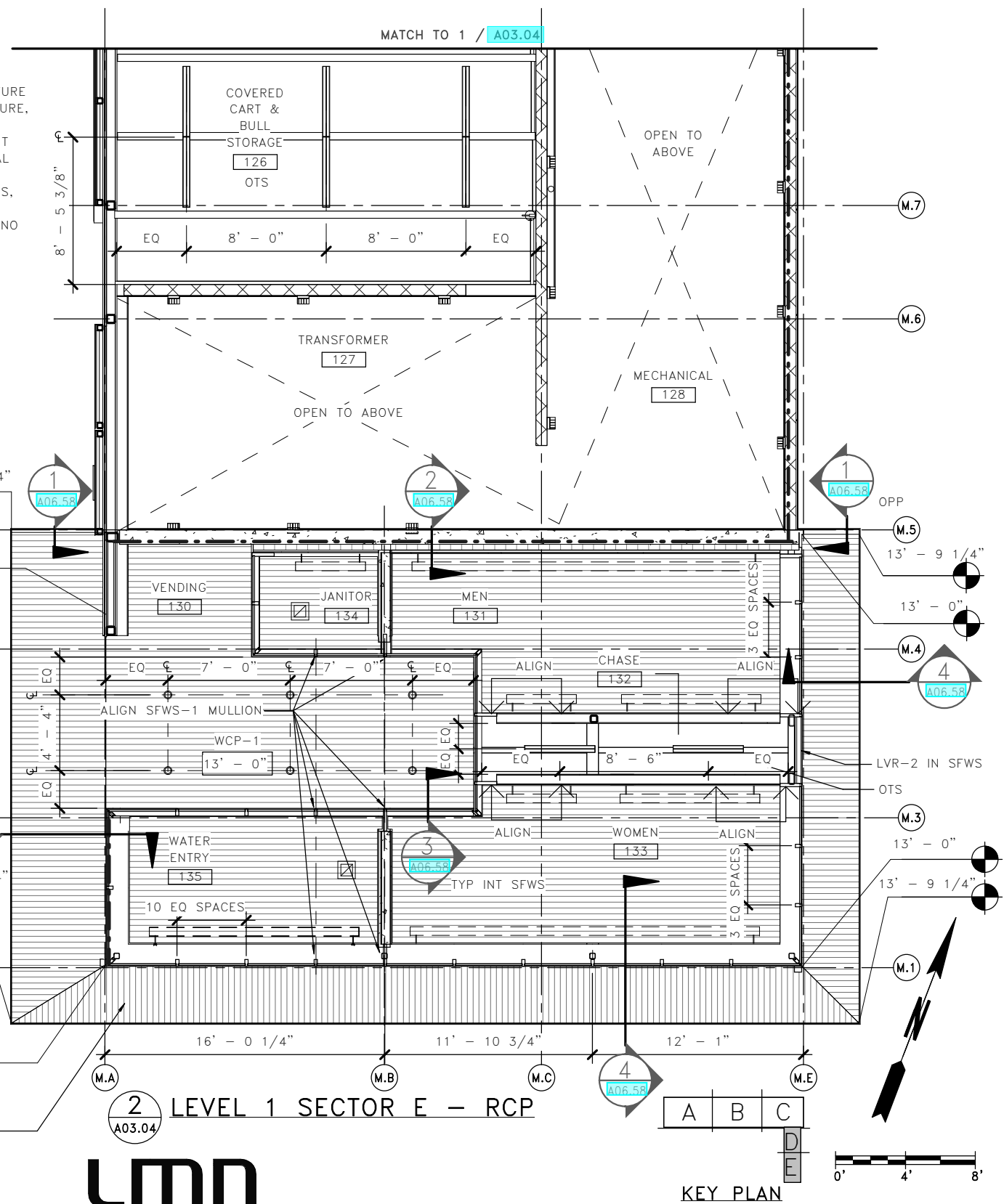
RCP LEGEND

- OPEN TO STRUCTURE, PNT-6
- CLG-1/1 HR RATED CLG
- STRUCT DECK, WRT-2
- ACP-1/MPC-1
- EXP MTL-1 CLG
- WCP-1
- PENDANT MTD LIGHT FIXTURES
- WALL/COL MTD LIGHT FIXTURE
- PENDANT MTD LIGHT FIXTURE
- SPRINKLER HEAD
- WALL/UTILITY TROUGH MTD LIGHT FIXTURES
- MECH RETURN DIFFUSER SEE MECH
- MECH SUPPLY DIFFUSER SEE MECH
- CLG MTD/SUSPENDED FCU, SEE MECH



RFI 539

PROVIDE FACTORY CUT PERFORATIONS, ROUND 1/4" DIA MAX. EVERY FIFTH BOARD IN WCP-1 MINIMUM 25% OPEN



2 LEVEL 1 SECTOR E — RCP
A03.04

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KEY PLAN

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DGN ENGR MNGR:	N. MCINTOSH
ASST SECRETARY:	A. SCARTON

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01/18/2019	
01/18/2019	
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STATE	WA
JOB NUMBER	18W121
CONTRACT NO.	00****



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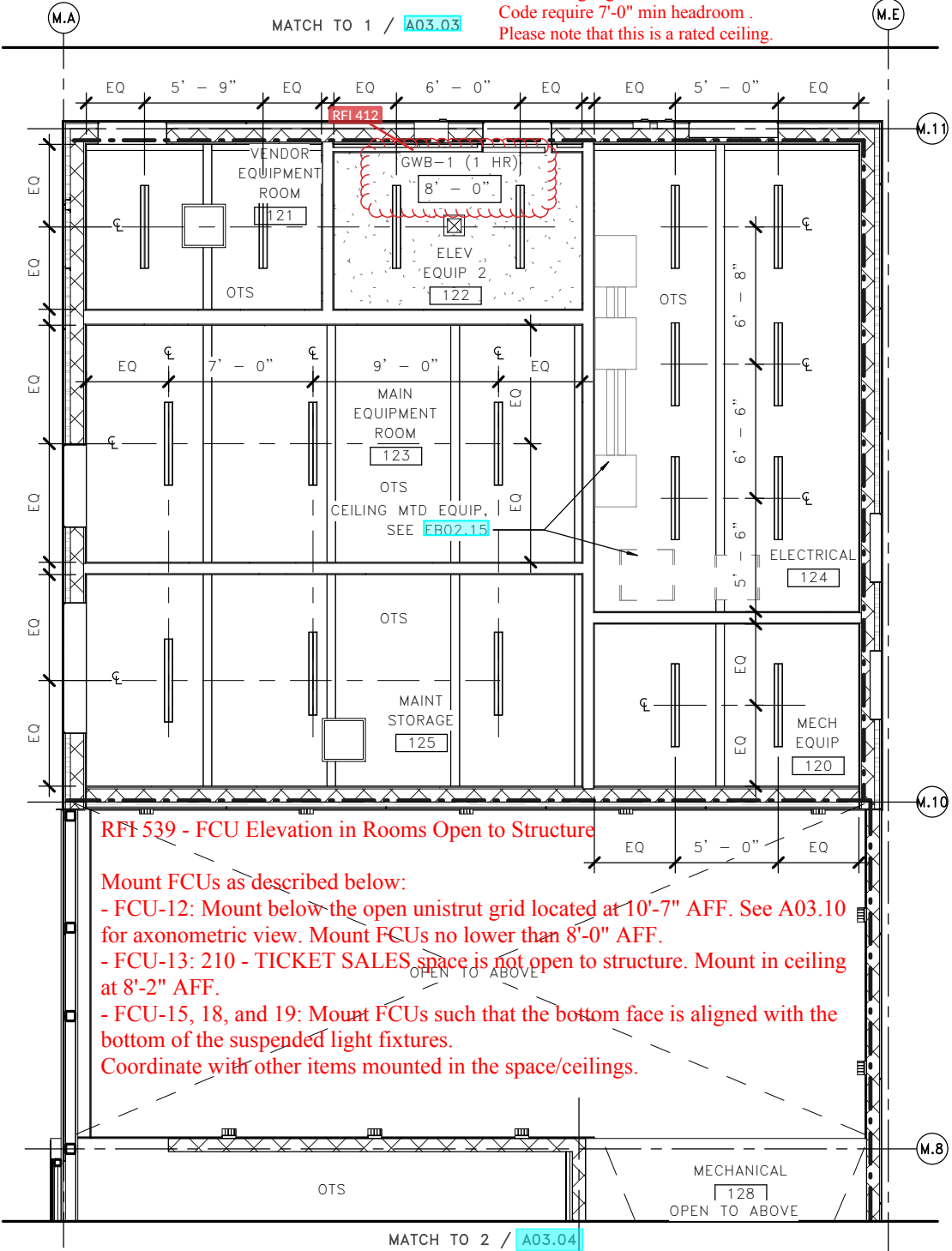


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL LEVEL 1-SECTOR D & E RCPS

A03.04
SHEET
902
OF
1521
SHEETS

RFI 412 - Room 122 Ceiling

Unless there is a conflict with anything located in the space, there is no need for a ceiling higher than 8'-0" - Elevator Code require 7'-0" min headroom . Please note that this is a rated ceiling.



1 LEVEL 1 SECTOR D - RCP
A03.04

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES. DIMENSIONS ARE TO CENTERLINE OF FIXTURE, UNO
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3. CENTER ALL DEVICES (FIRE SPRINKLERS, SENSORS, SPEAKERS, LIGHTS, ETC) ON TILE, TYP, UNO
4. ALL GWB CEILINGS SHALL BE PAINTED PNT-1, UNO
5. EXP MTL-1 SOFFIT PANELS SHALL BE FULLY REMOVABLE BY TORSION CLIP SYSTEM

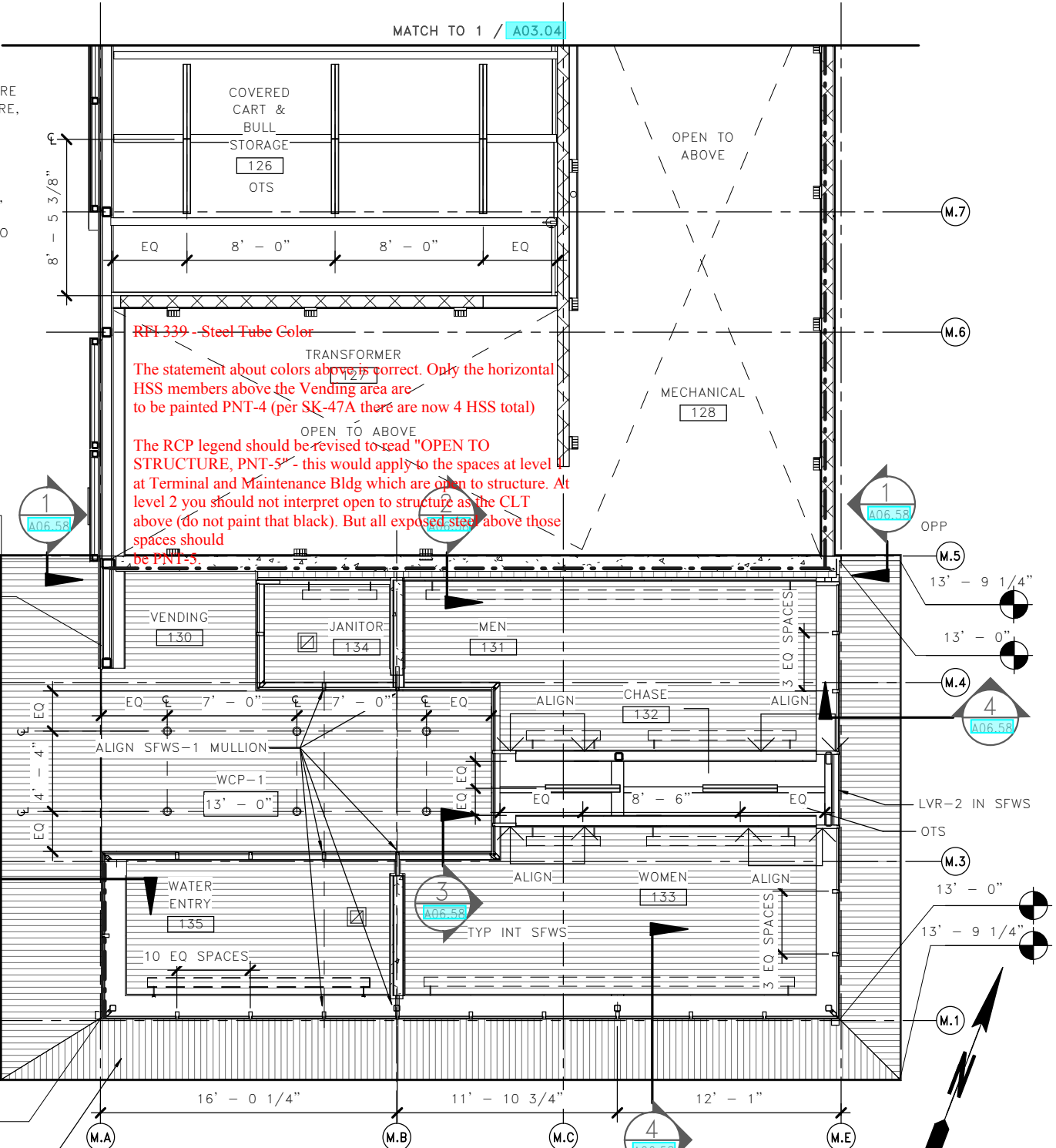
RCP LEGEND

- OPEN TO STRUCTURE, PNT-6
- CLG-1/1 HR RATED CLG
- STRUCT DECK, WRT-2
- ACP-1/MPC-1
- EXP MTL-1 CLG
- WCP-1
- PENDANT MTD LIGHT FIXTURES
- WALL/COL MTD LIGHT FIXTURE
- PENDANT MTD LIGHT FIXTURE
- SPRINKLER HEAD
- WALL/UTILITY TROUGH MTD LIGHT FIXTURES
- MECH RETURN DIFFUSER SEE MECH
- MECH SUPPLY DIFFUSER SEE MECH
- CLG MTD/SUSPENDED FCU, SEE MECH



RFI 539

PROVIDE FACTORY CUT PERFORATIONS, ROUND 1/4" DIA MAX. EVERY FIFTH BOARD IN WCP-1 MINIMUM 25% OPEN



2 LEVEL 1 SECTOR E - RCP
A03.04

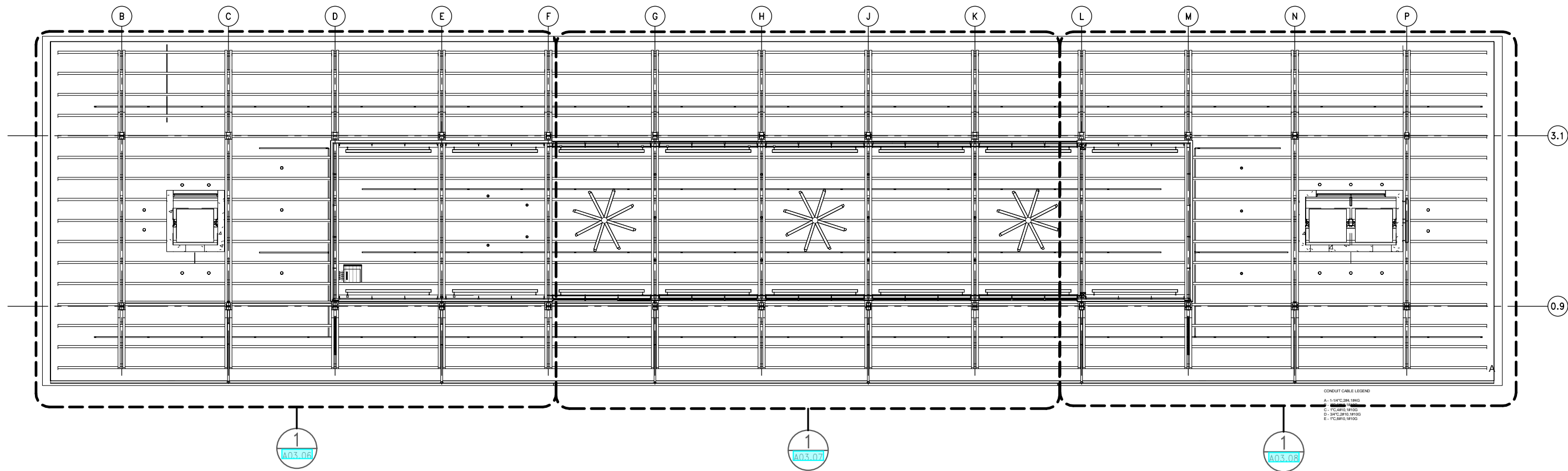


Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL LEVEL 1-SECTOR D & E RCPS

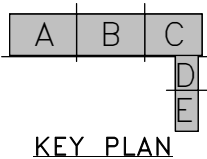
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902
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MAR PROJ ENGR: C. TORRES					
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19		
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY	



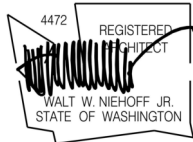
1 LEVEL 2 OVERALL RCP
A03.05

LMN



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DATE



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DATE



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - LEVEL 2 - OVERALL RCP

A03.05
SHEET
903
OF
1521
SHEETS

RFI 028 - CLT Sealer

Both CLT and glue-laminated timbers should be finished with the products specified in section 071916 as WRT-2

(exterior application) and WRT-3 (interior application). The products listed in specification 099000 4.2 F and 099000

4.3 J should not be used on the project.

Please eliminate reference to spec section 099000 in the CLT specification 061543 2.2 C and 2.4 C 7.

In the glue-laminated timber specification revise 061324 2.3 A to read "See Section 07 19 16 - Water Repellent and

Graffiti Protection for finishes"

The intent is for the wood finished with WRT-2 and WRT-3 respectively to look similar. Stain color selection for

WRT-2 will be made based on samples of the actual wood product with the applied stain and clear finish.

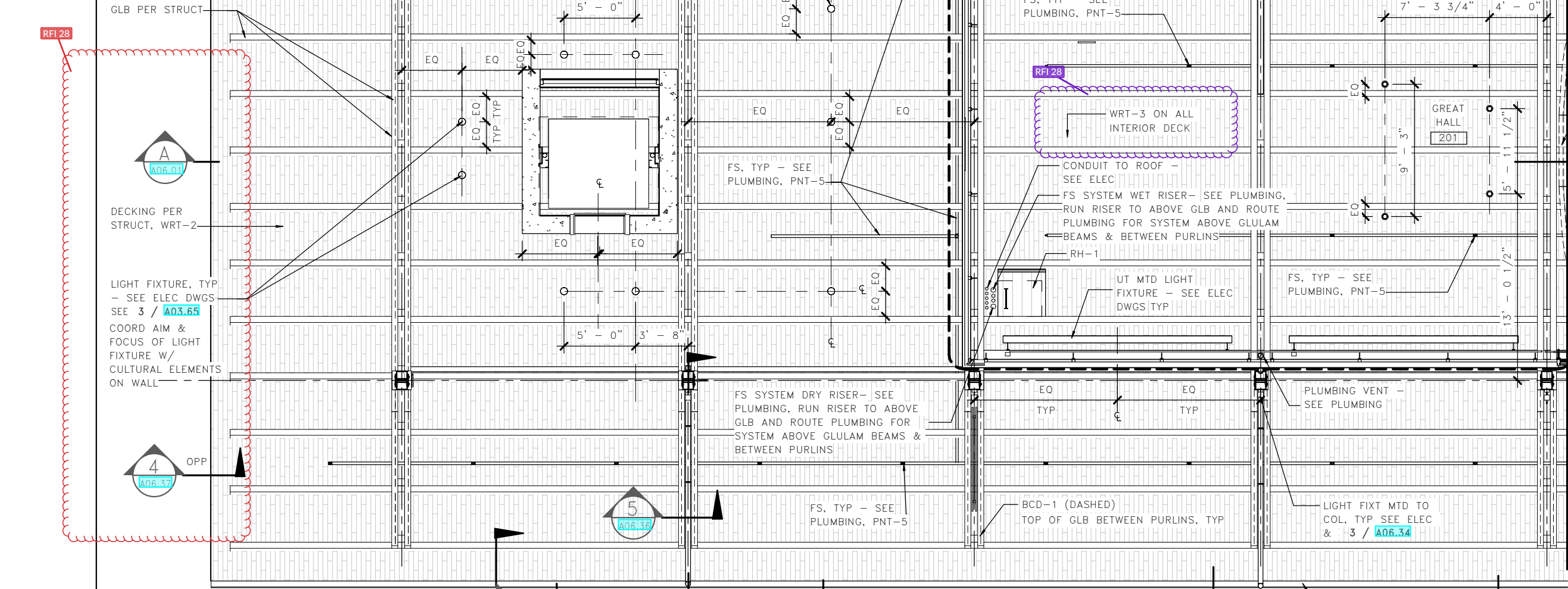
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2. MECHANICAL DIFFUSERS, GRILLES, AND EQUIPMENT SHOWN FOR REFERENCE - REFER TO MECHANICAL DRAWINGS FOR DIFFUSER AND EXHAUST TYPES.
3. CENTER ALL DEVICES (FIRE SPRINKLERS, SENSORS, SPEAKERS, LIGHTS, ETC) ON TILE, TYP, UNO
4. ALL GWB CEILINGS SHALL BE PAINTED PNT-1, UNO
5. EXP MTL-1 SOFFIT PANELS SHALL BE FULLY REMOVABLE BY TORSION CLIP SYSTEM

RCP LEGEND

- OPEN TO STRUCTURE, PNT-6
- CLG-1/1 HR RATED CLG
- STRUCT DECK, WRT-2
- ACP-1/MPC-1
- EXP MTL-1 CLG
- WCP-1
- PENDANT MTD LIGHT FIXTURES
- WALL/COL MTD LIGHT FIXTURE
- PENDANT MTD LIGHT FIXTURE
- SPRINKLER HEAD
- WALL/UTILITY TROUGH MTD LIGHT FIXTURES
- MECH RETURN DIFFUSER SEE MECH
- MECH SUPPLY DIFFUSER SEE MECH
- CLG MTD/SUSPENDED FCU, SEE MECH

RFI 28



NOTE:
FOR DIAGRAMMATIC 3D VIEW OF LOWER CEILING IN THIS AREA SEE 1/A03.10

LEVEL 2 SECTOR A - RCP

LMN

KEY PLAN

0' 4' 8'

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PRINTED: 1/16/2019 1:58:41 PM	LAST PRINTED BY: MGREENSHIELDS		
SUBMITTAL DATE: 01/18/2019			
DESIGNED BY: H. FITZPATRICK	01/18/2019		
ENTERED BY: G. BISHOP	01/18/2019		
CHECKED BY: M. FISHER	01/18/2019		
MAR PROJ ENGR: C. TORRES			
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19
ASST SECRETARY: A. SCARTON		REVISION	DATE BY

FED.AID PROJ.NO.	WA-2017-007-00
REGION NO.	10
STATE	WA
JOB NUMBER	18W121
CONTRACT NO.	00****



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - LEVEL 2 - SECTOR A RCP

A03.06
SHEET
904
OF
1521
SHEETS

RFI 028 - CLT Sealer

Both CLT and glue-laminated timbers should be finished with the products specified in section 071916 as WRT-2

(exterior application) and WRT-3 (interior application). The products listed in specification 099000 4.2 F and 099000

4.3 J should not be used on the project.

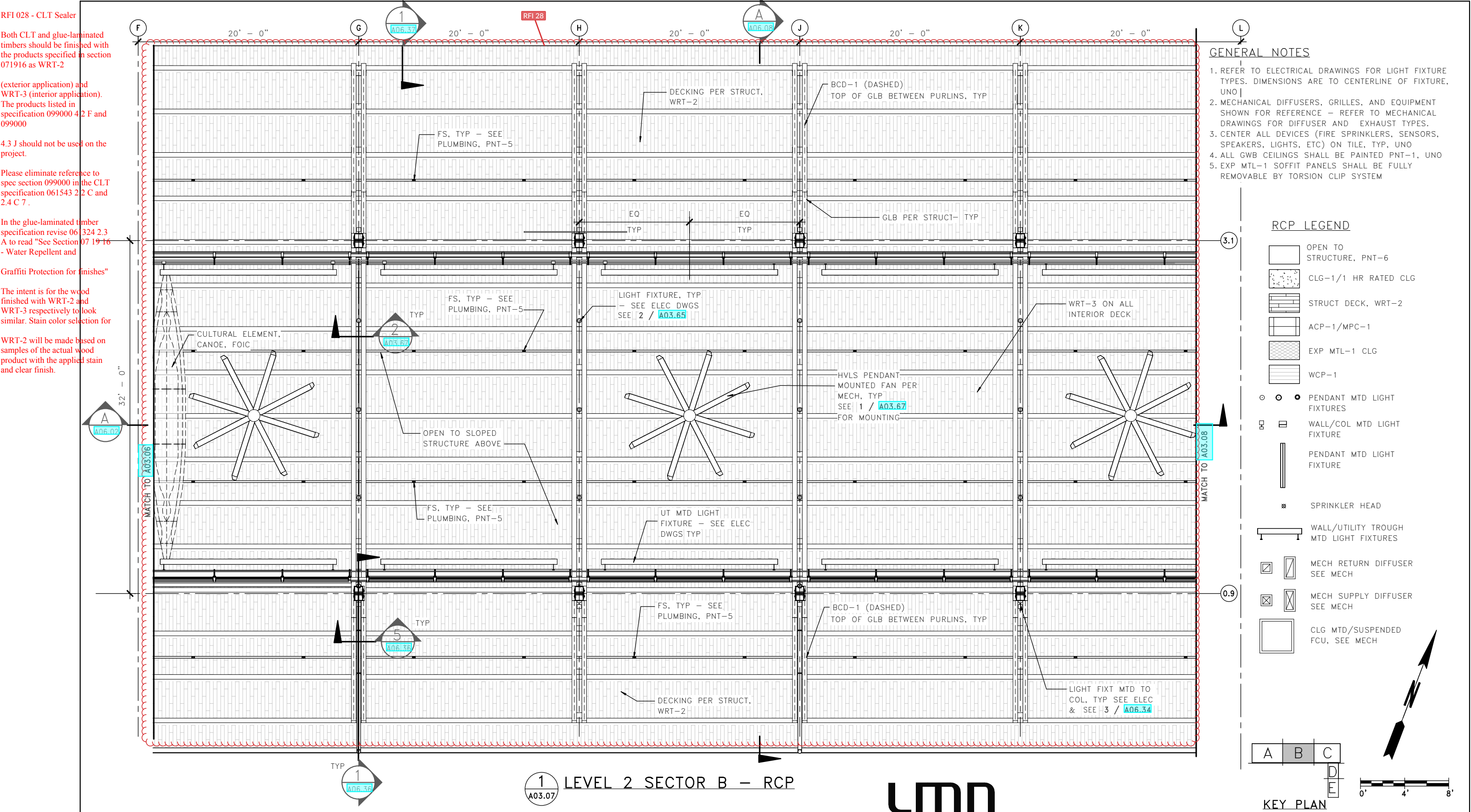
Please eliminate reference to spec section 099000 in the CLT specification 061543 2.2 C and 2.4 C 7.

In the glue-laminated timber specification revise 061324 2.3 A to read "See Section 071916 - Water Repellent and

Graffiti Protection for finishes"

The intent is for the wood finished with WRT-2 and WRT-3 respectively to look similar. Stain color selection for

WRT-2 will be made based on samples of the actual wood product with the applied stain and clear finish.



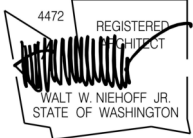
GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES. DIMENSIONS ARE TO CENTERLINE OF FIXTURE, UNO
2. MECHANICAL DIFFUSERS, GRILLES, AND EQUIPMENT SHOWN FOR REFERENCE - REFER TO MECHANICAL DRAWINGS FOR DIFFUSER AND EXHAUST TYPES.
3. CENTER ALL DEVICES (FIRE SPRINKLERS, SENSORS, SPEAKERS, LIGHTS, ETC) ON TILE, TYP, UNO
4. ALL GWB CEILINGS SHALL BE PAINTED PNT-1, UNO
5. EXP MTL-1 SOFFIT PANELS SHALL BE FULLY REMOVABLE BY TORSION CLIP SYSTEM

RCP LEGEND

- OPEN TO STRUCTURE, PNT-6
- CLG-1/1 HR RATED CLG
- STRUCT DECK, WRT-2
- ACP-1/MPC-1
- EXP MTL-1 CLG
- WCP-1
- PENDANT MTD LIGHT FIXTURES
- WALL/COL MTD LIGHT FIXTURE
- PENDANT MTD LIGHT FIXTURE
- SPRINKLER HEAD
- WALL/UTILITY TROUGH MTD LIGHT FIXTURES
- MECH RETURN DIFFUSER SEE MECH
- MECH SUPPLY DIFFUSER SEE MECH
- CLG MTD/SUSPENDED FCU, SEE MECH

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SUBMITTAL DATE: 01/18/2019					REGION NO. 10 STATE WA	
DESIGNED BY: H. FITZPATRICK	01/18/2019				JOB NUMBER 18W121	
ENTERED BY: G. BISHOP	01/18/2019				CONTRACT NO. 00****	
CHECKED BY: M. FISHER	01/18/2019					
MAR PROJ ENGR: C. TORRES		CONFORMED PLANS	01/18/19			
DGN ENGR MNGR: N. MCINTOSH		REVISION	DATE	BY		
ASST SECRETARY: A. SCARTON						



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

TERMINAL - LEVEL 2 - SECTOR B RCP

A03.07

SHEET
905
OF
1521
SHEETS

RFI 028 - CLT Sealer

Both CLT and glue-laminated timbers should be finished with the products specified in section 071916 as WRT-2

(exterior application) and WRT-3 (interior application). The products listed in specification 099000 4.2 F and 099000

4.3 J should not be used on the project.

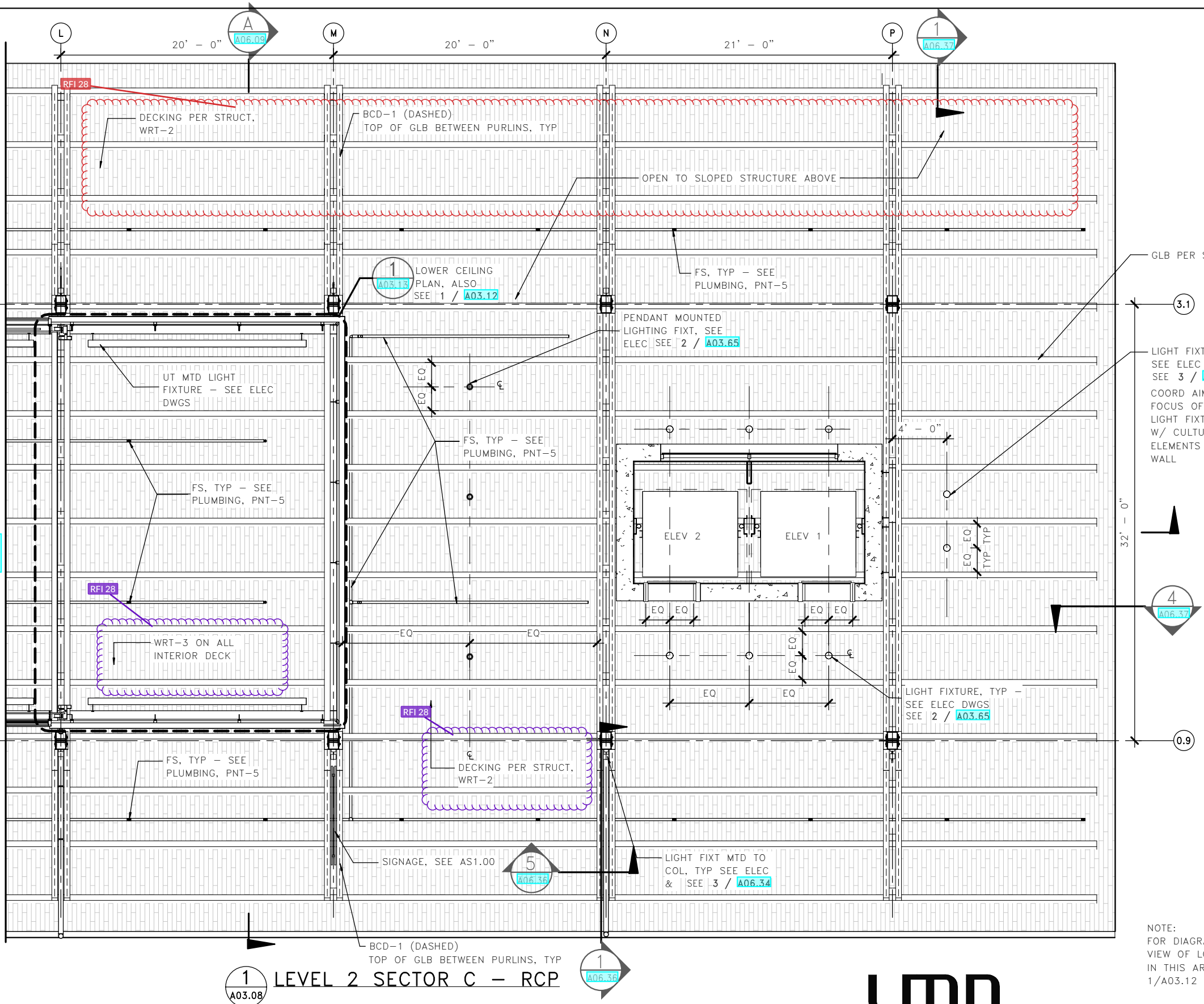
Please eliminate reference to spec section 099000 in the CLT specification 061543 2.2 C and 2.4 C 7.

In the glue-laminated timber specification revise 061324 2.3 A to read "See Section 07 19 16 - Water Repellent and

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WRT-2 will be made based on samples of the actual wood product with the applied stain and clear finish.



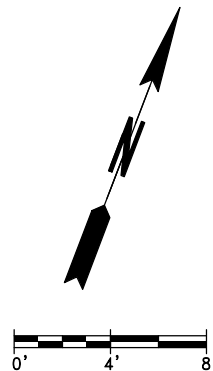
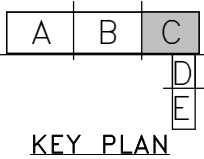
GENERAL NOTES

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5. EXP MTL-1 SOFFIT PANELS SHALL BE FULLY REMOVABLE BY TORSION CLIP SYSTEM

RCP LEGEND

- OPEN TO STRUCTURE, PNT-6
- CLG-1/1 HR RATED CLG
- STRUCT DECK, WRT-2
- ACP-1/MPC-1
- EXP MTL-1 CLG
- WCP-1
- PENDANT MTD LIGHT FIXTURES
- WALL/COL MTD LIGHT FIXTURE
- PENDANT MTD LIGHT FIXTURE
- SPRINKLER HEAD
- WALL/UTILITY TROUGH MTD LIGHT FIXTURES
- MECH RETURN DIFFUSER SEE MECH
- MECH SUPPLY DIFFUSER SEE MECH
- CLG MTD/SUSPENDED FCU, SEE MECH

NOTE:
FOR DIAGRAMATIC 3D
VIEW OF LOWER CEILING
IN THIS AREA SEE
1/A03.12



LMN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt				FED.AID PROJ.NO.	
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SUBMITTAL DATE: 01/18/2019				REGION NO. 10 STATE WA	
DESIGNED BY: H. FITZPATRICK	01/18/2019			JOB NUMBER 18W121	
ENTERED BY: G. BISHOP	01/18/2019			CONTRACT NO. 00****	
CHECKED BY: M. FISHER	01/18/2019				
MAR PROJ ENGR: C. TORRES		CONFORMED PLANS	01/18/19		
DGN ENGR MNGR: N. MCINTOSH		REVISION	DATE	BY	
ASST SECRETARY: A. SCARTON					

4472
REGISTERED ARCHITECT
WALT W. NIEHOFF JR.
STATE OF WASHINGTON

01/18/19

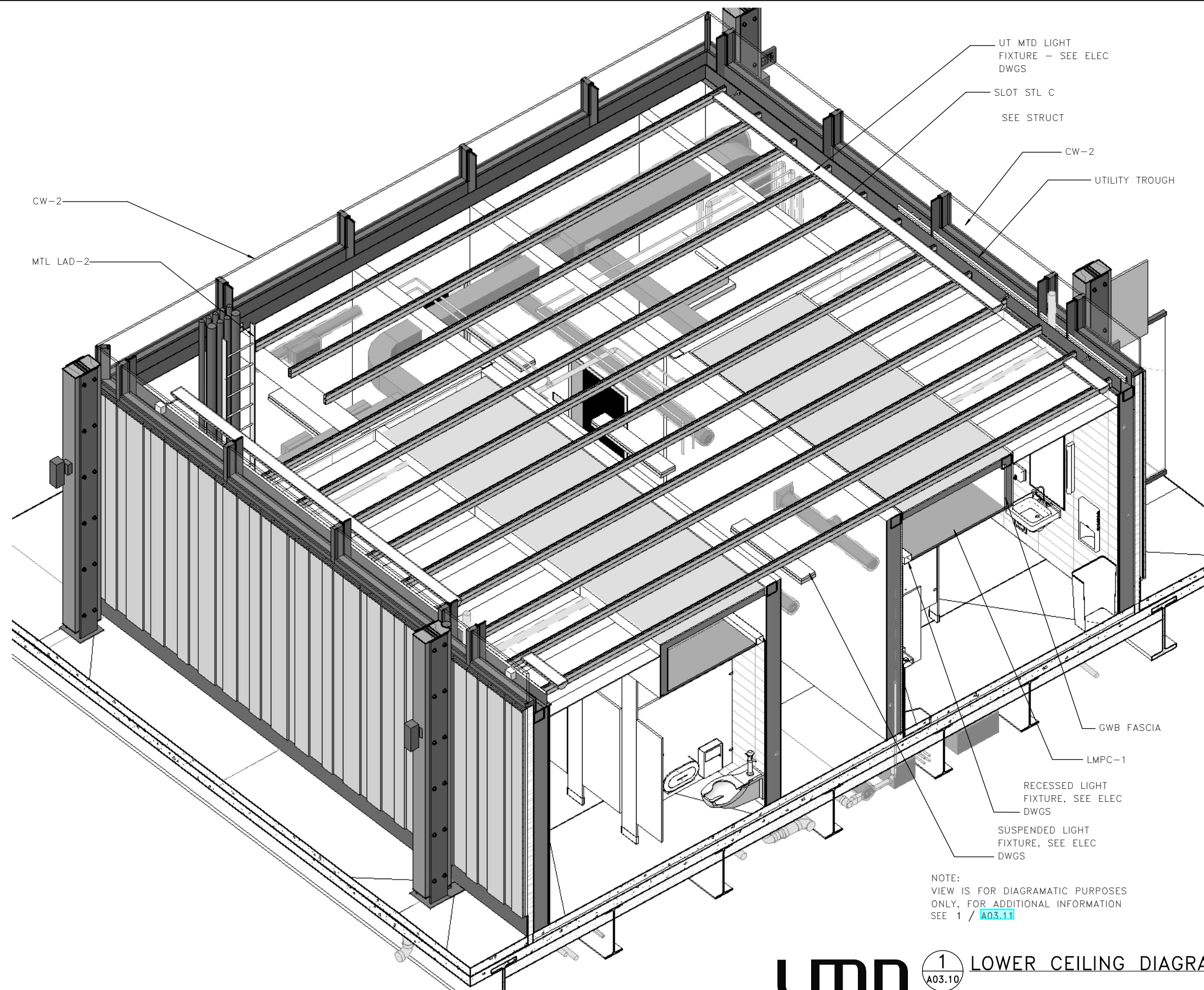
Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

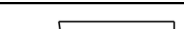

TERMINAL - LEVEL 2 - SECTOR C RCP

A03.08

SHEET
906
OF
1521
SHEETS



LMN 1 **LOWER CEILING DIAGRAM – WEST** 0' 4' 8'

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt										<div><div>4472 REGISTERED ARCHITECT</div><div></div><div>WALT W. NIEHOFF JR. STATE OF WASHINGTON</div></div> <div>01/18/19</div>										<div><div></div><div>Washington State Department of Transportation</div><div>WASHINGTON STATE FERRIES</div></div>										SR 525										A03.10									
PRINTED: 1/16/2019 1:59:05 PM					LAST PRINTED BY: MGREENSHIELDS																									FED.AID PROJ.NO.					MUKILTEO FERRY TERMINAL (PHASE 2)										SHEET 907 OF 1521 SHEETS				
SUBMITTAL DATE: 01/18/2019					DESIGNED BY: H. FITZPATRICK					01/18/2019					WA-2017-007-00					FERRY TERMINAL CONSTRUCTION										TERMINAL – CEILING DIAGRAM WEST																			
ENTERED BY: G. BISHOP					01/18/2019					REGION NO. 10					STATE WA																																		
CHECKED BY: M. FISHER					01/18/2019					JOB NUMBER 18W121																																							
MAR PROJ ENGR: C. TORRES					DGN ENGR MNGR: N. MCINTOSH					CONFORMED PLANS					01/18/19					CONTRACT NO. 00****																													
ASST SECRETARY: A. SCARTON					REVISION					DATE					BY:																																		

RFI 339 - Steel Tube Color

The statement about colors above is correct. Only the horizontal HSS members above the Vending area are to be painted PNT-4 (per SK-47A there are now 4 HSS total)

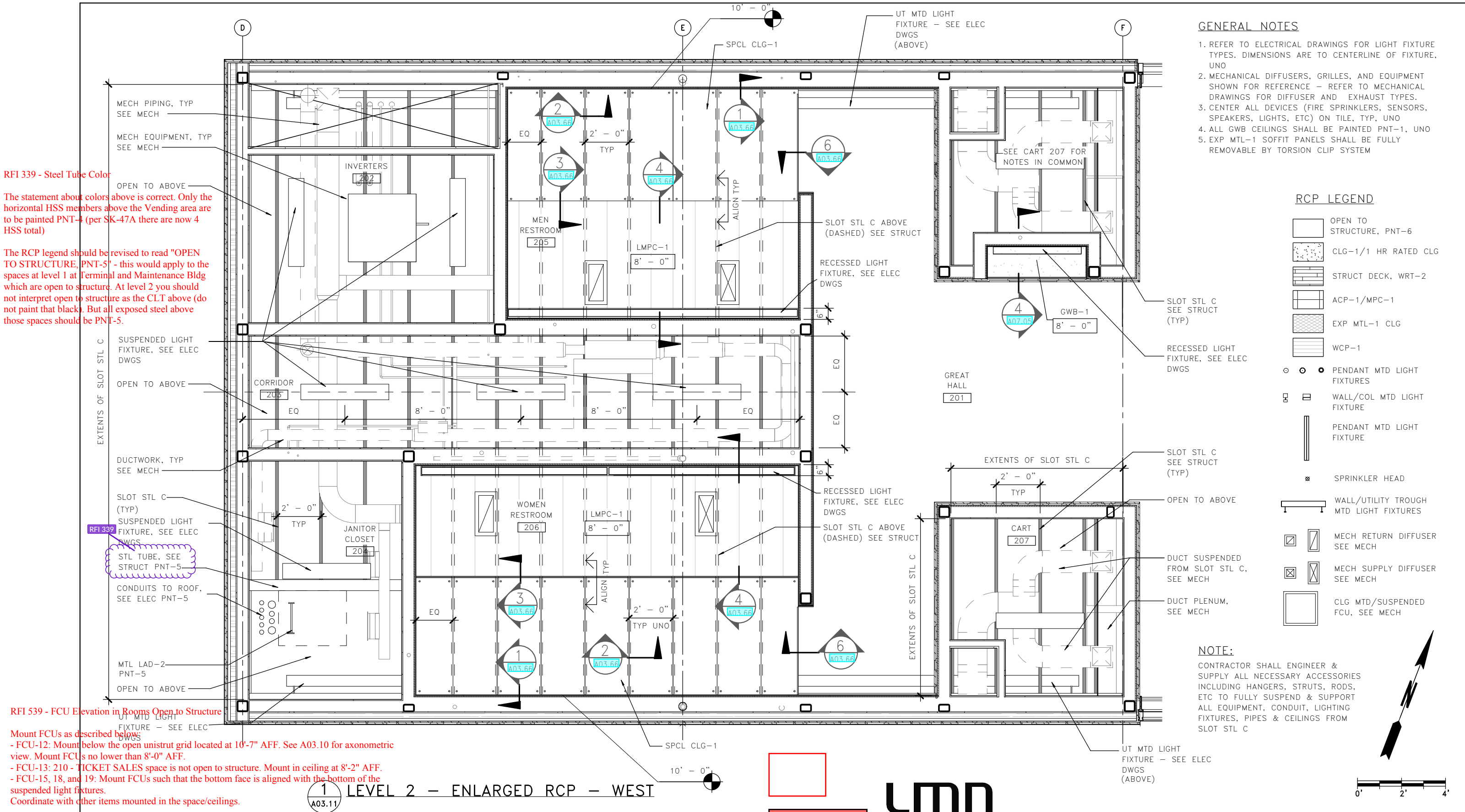
The RCP legend should be revised to read "OPEN TO STRUCTURE, PNT-5" - this would apply to the spaces at level 1 at Terminal and Maintenance Bldg which are open to structure. At level 2 you should not interpret open to structure as the CLT above (do not paint that black). But all exposed steel above those spaces should be PNT-5.

RFI 539 - FCU Elevation in Rooms Open to Structure

Mount FCUs as described below:

- FCU-12: Mount below the open unistrut grid located at 10'-7" AFF. See A03.10 for axonometric view. Mount FCUs no lower than 8'-0" AFF.
- FCU-13: 210 - TICKET SALES space is not open to structure. Mount in ceiling at 8'-2" AFF.
- FCU-15, 18, and 19: Mount FCUs such that the bottom face is aligned with the bottom of the suspended light fixtures.

Coordinate with other items mounted in the space/ceilings.



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SUBMITTAL DATE: 01/18/2019				WA-2017-007-00	
DESIGNED BY: H. FITZPATRICK				REGION NO.	STATE
ENTERED BY: G. BISHOP				10	WA
CHECKED BY: M. FISHER				JOB NUMBER	
MAR PROJ ENGR: C. TORRES				18W121	
DGN ENGR MNGR: N. MCINTOSH				CONTRACT NO.	
ASST SECRETARY: A. SCARTON				00****	
CONFORMED PLANS		01/18/19		DATE	
REVISION				BY	

4472

REGISTERED ARCHITECT

WALT W. NIEHOFF JR.

STATE OF WASHINGTON

01/18/19

DATE

LMN

Washington State

Department of Transportation

WASHINGTON STATE FERRIES

SR 525

MUKILTEO FERRY TERMINAL (PHASE 2)

FERRY TERMINAL CONSTRUCTION

TERMINAL - LEVEL 2 - ENLARGED RCP

A03.11

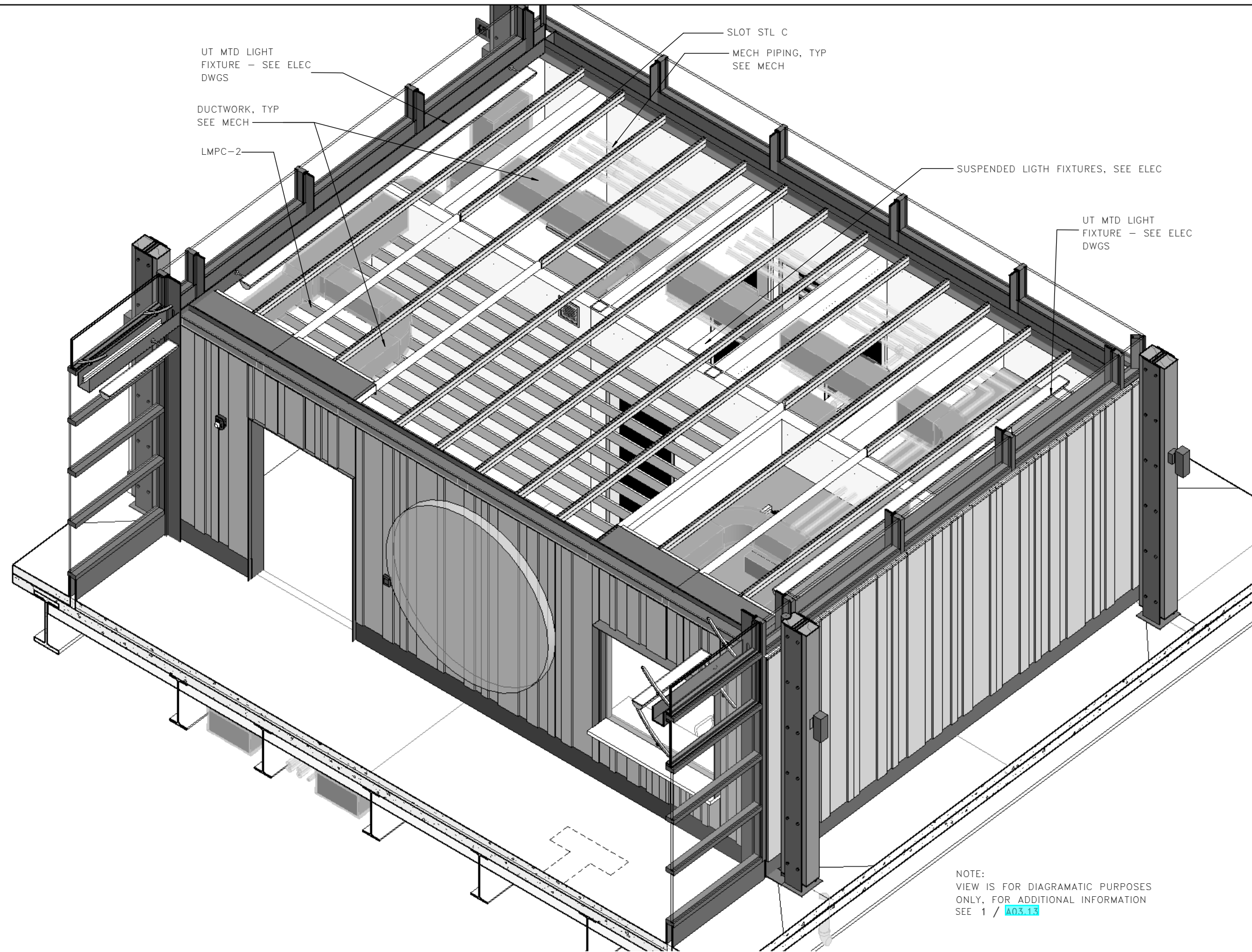
SHEET

908

OF

1521

SHEETS



1 LOWER CEILING DIAGRAM – EAST

LMN

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PRINTED: 1/16/2019 1:59:13 PM

LAST PRINTED BY:

MGREENSHIELDS

SUBMITTAL DATE: 01/18/2019

01/18/2019

DESIGNED BY: H. FITZPATRICK

01/18/2019

ENTERED BY: G. BISHOP

01/18/2019

CHECKED BY: M. FISHER

01/18/2019

MAR PROJ ENGR: C. TORRES

DGN ENGR MNGR: N. MCINTOSH

A. SCARTON

CONFORMED PLANS

01/18/19

REVISION

DATE

BY

FED.AID
PROJ.NO.

WA-2017-007-00

REGION NO. STATE

10 WA

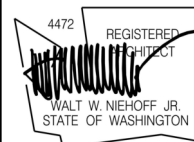
JOB NUMBER

18W121

CONTRACT NO.

00****

DATE



01/18/19

DATE



Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

TERMINAL – CEILING DIAGRAM EAST

A03.12

SHEET
909
OF
1521
SHEETS

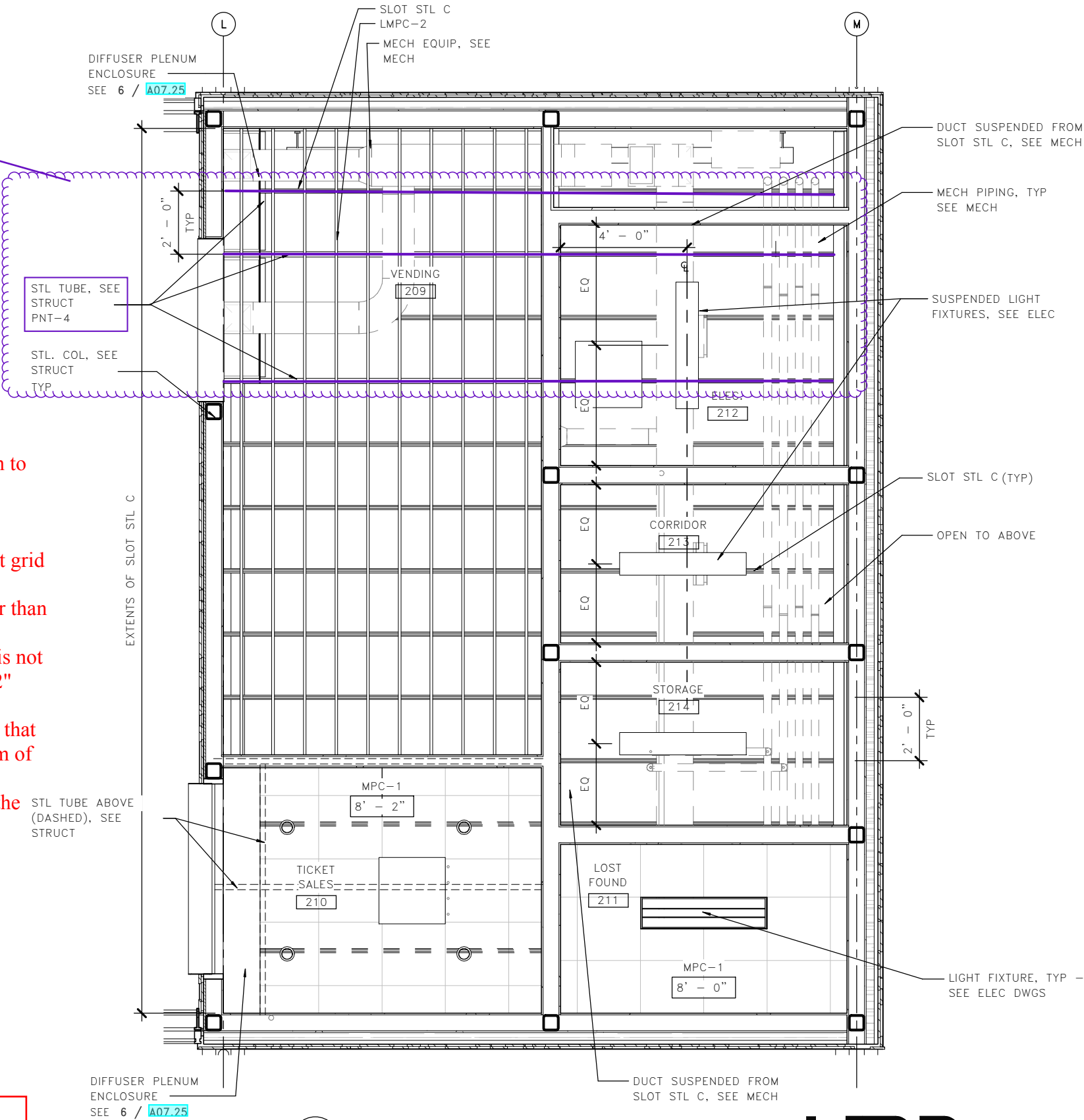
RFI 339 - Steel Tube Color

The statement about colors above is correct. Only the horizontal HSS members above the Vending area are to be painted PNT-4 (per RFI 339 SK-47A there are now 4 HSS total)

The RCP legend should be revised to read "OPEN TO STRUCTURE, PNT-5" - this would apply to the spaces at level 1 at Terminal and Maintenance Bldg which are open to structure. At level 2 you should not interpret open to structure as the CLT above (do not paint that black). But all exposed steel above those spaces should be PNT-5.

RFI 539 - FCU Elevation in Rooms Open to Structure

Mount FCUs as described below:
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Coordinate with other items mounted in the space/ceilings.



GENERAL NOTES

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- 2. MECHANICAL DIFFUSERS, GRILLES, AND EQUIPMENT SHOWN FOR REFERENCE - REFER TO MECHANICAL DRAWINGS FOR DIFFUSER AND EXHAUST TYPES.
- 3. CENTER ALL DEVICES (FIRE SPRINKLERS, SENSORS, SPEAKERS, LIGHTS, ETC) ON TILE, TYP, UNO
- 4. ALL GWB CEILINGS SHALL BE PAINTED PNT-1, UNO
- 5. EXP MTL-1 SOFFIT PANELS SHALL BE FULLY REMOVABLE BY TORSION CLIP SYSTEM

NOTE:


CONTRACTOR SHALL ENGINEER & SUPPLY ALL NECESSARY ACCESSORIES INCLUDING HANGERS, STRUTS, RODS, ETC TO FULLY SUSPEND & SUPPORT ALL EQUIPMENT, CONDUIT, LIGHTING FIXTURES, PIPES & CEILINGS FROM SLOT STL C

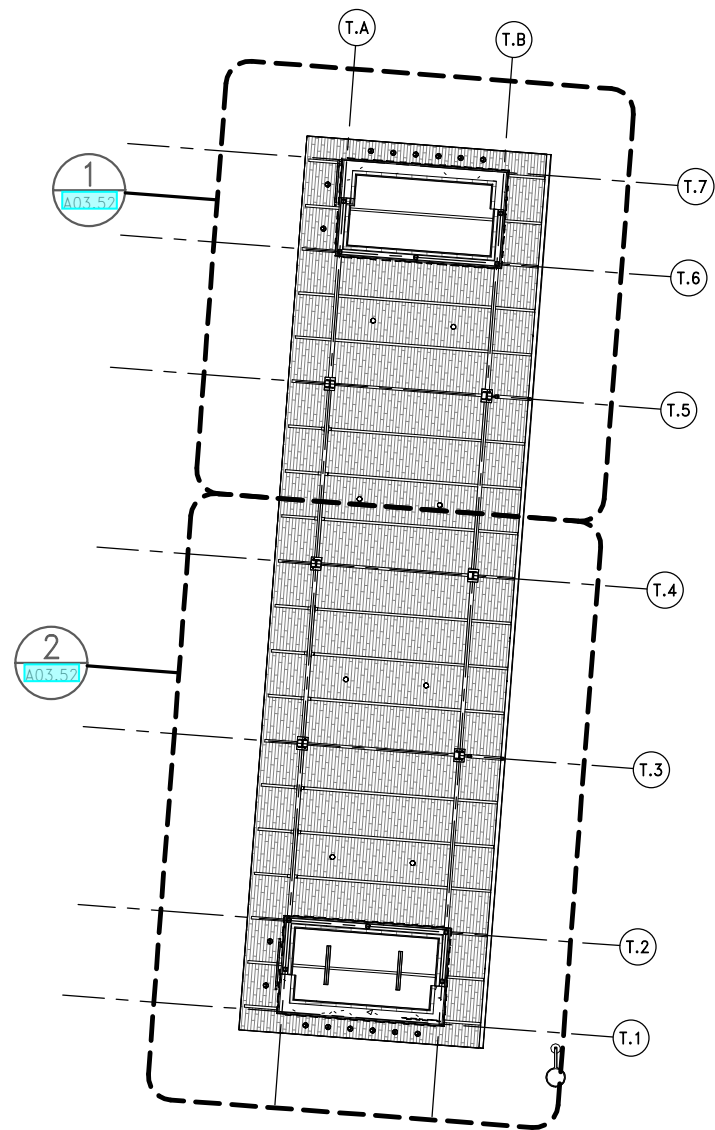
RCP LEGEND

- OPEN TO STRUCTURE, PNT-6
- CLG-1/1 HR RATED CLG
- STRUCT DECK, WRT-2
- ACP-1/MPC-1
- EXP MTL-1 CLG
- WCP-1
- PENDANT MTD LIGHT FIXTURES
- WALL/COL MTD LIGHT FIXTURE
- PENDANT MTD LIGHT FIXTURE
- SPRINKLER HEAD
- WALL/UTILITY TROUGH MTD LIGHT FIXTURES
- MECH RETURN DIFFUSER SEE MECH
- MECH SUPPLY DIFFUSER SEE MECH
- CLG MTD/SUSPENDED FCU, SEE MECH

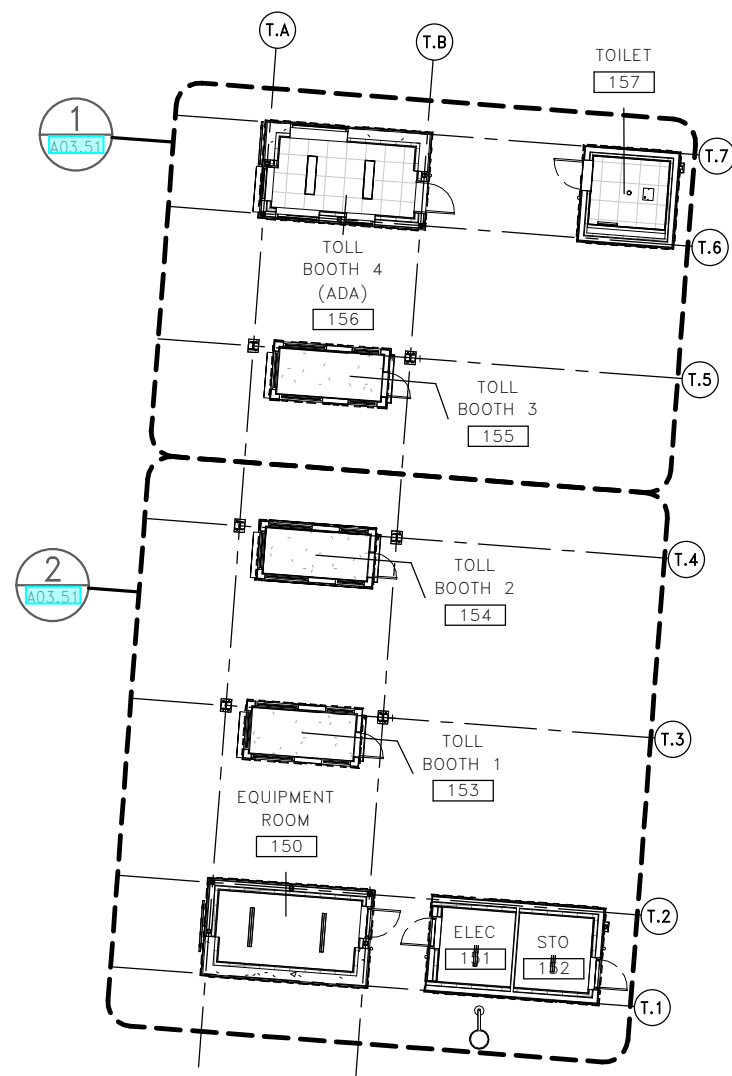
1 ENLARGED RCP
A03.13

LMN

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SUBMITTAL DATE: 01/18/2019										WA-2017-007-00										FERRY TERMINAL CONSTRUCTION										910																			
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ENTERED BY: G. BISHOP										JOB NUMBER 18W121																																							
CHECKED BY: M. FISHER										CONTRACT NO. 00****																																							
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ASST SECRETARY: A. SCARTON																																																	

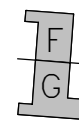


1 TOLL PLAZA – OVERALL RCP
A03.50

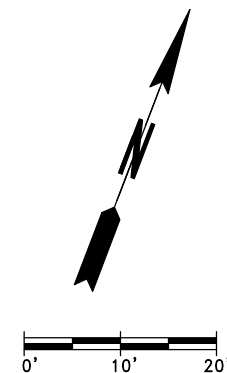


2 TOLL PLAZA – LOWER OVERALL RCP
A03.50

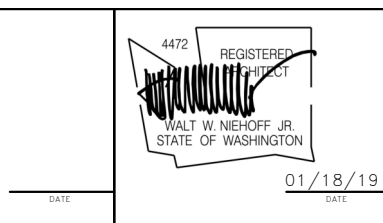
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KEY PLAN

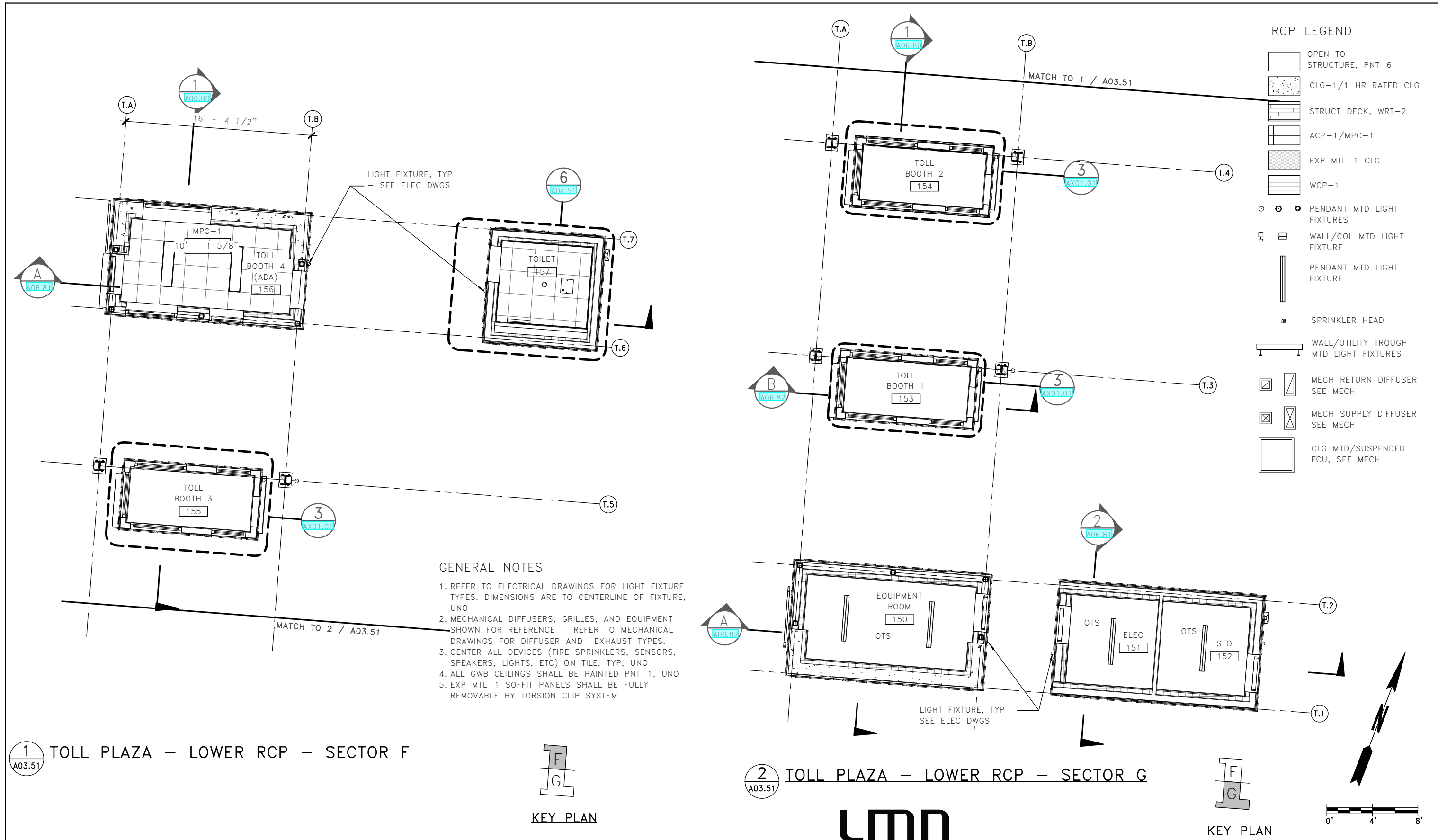


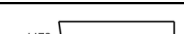

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SUBMITTAL DATE: 01/18/2019	DESIGNED BY: H. FITZPATRICK	01/18/2019		REGION NO. 10 STATE WA
ENTERED BY: G. BISHOP	CHECKED BY: M. FISHER	01/18/2019		JOB NUMBER 18W121
MAR PROJ ENGR: C. TORRES	DGN ENGR MNGR: N. MCINTOSH	01/18/19		CONTRACT NO. 00****
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY

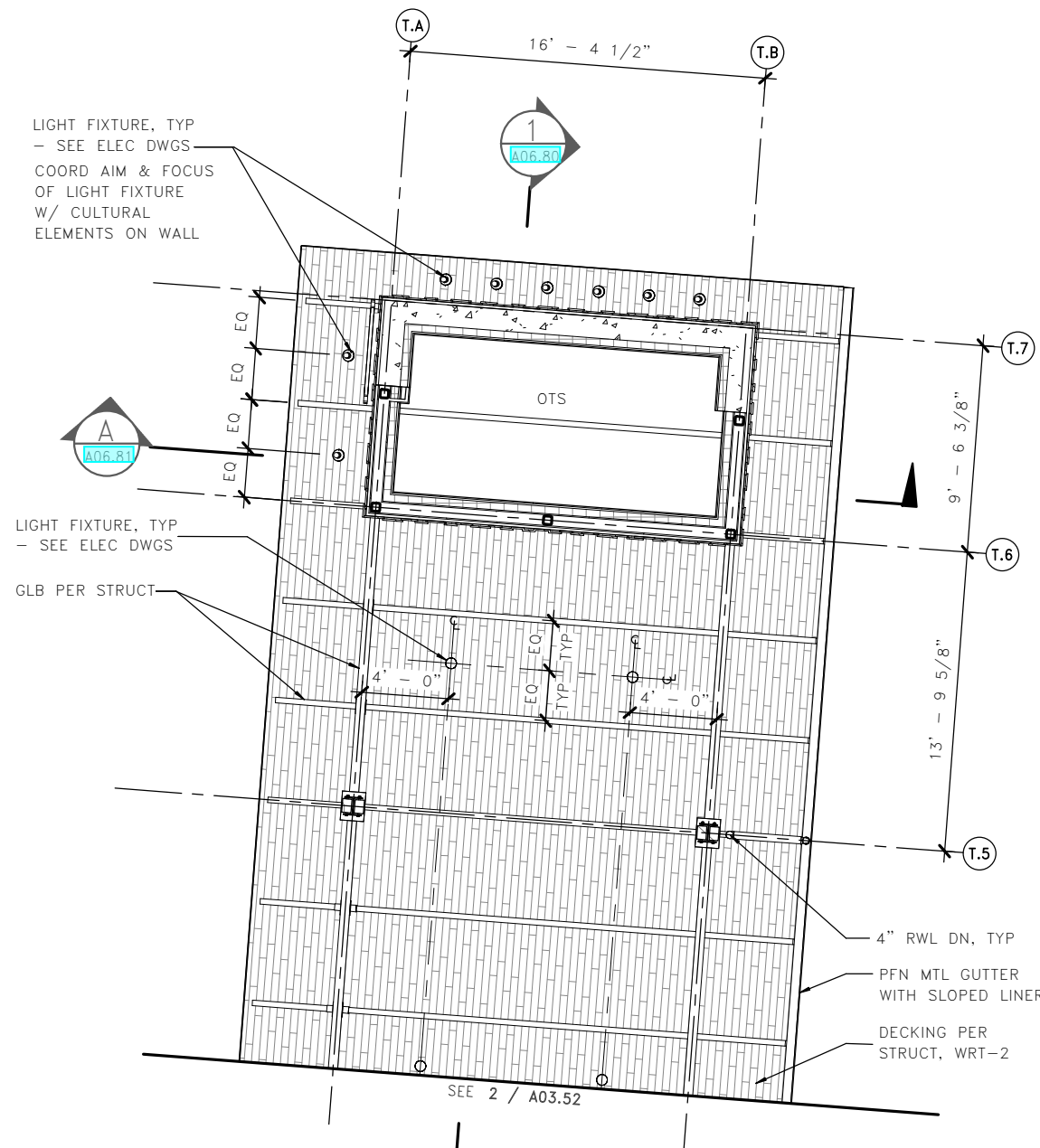


SR 525 MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION
TOLL PLAZA – OVERALL RCPS

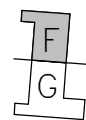
A03.50
SHEET 911 OF 1521 SHEETS



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SUBMITTAL DATE: 01/18/2019										WA-2017-007-00					FERRY TERMINAL CONSTRUCTION										TOLL PLAZA-LOWER-SECTOR F & G RCP																								
DESIGNED BY: H. FITZPATRICK					01/18/2019					REGION NO. 10 STATE WA																																							
ENTERED BY: G. BISHOP					01/18/2019					JOB NUMBER 18W121																																							
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DGN ENGR MNGR: N. MCINTOSH										REVISION					DATE					BY																													
ASST SECRETARY: A. SCARTON																																																	



1 TOLL PLAZA – RCP SECTOR F
A03.52



KEY PLAN

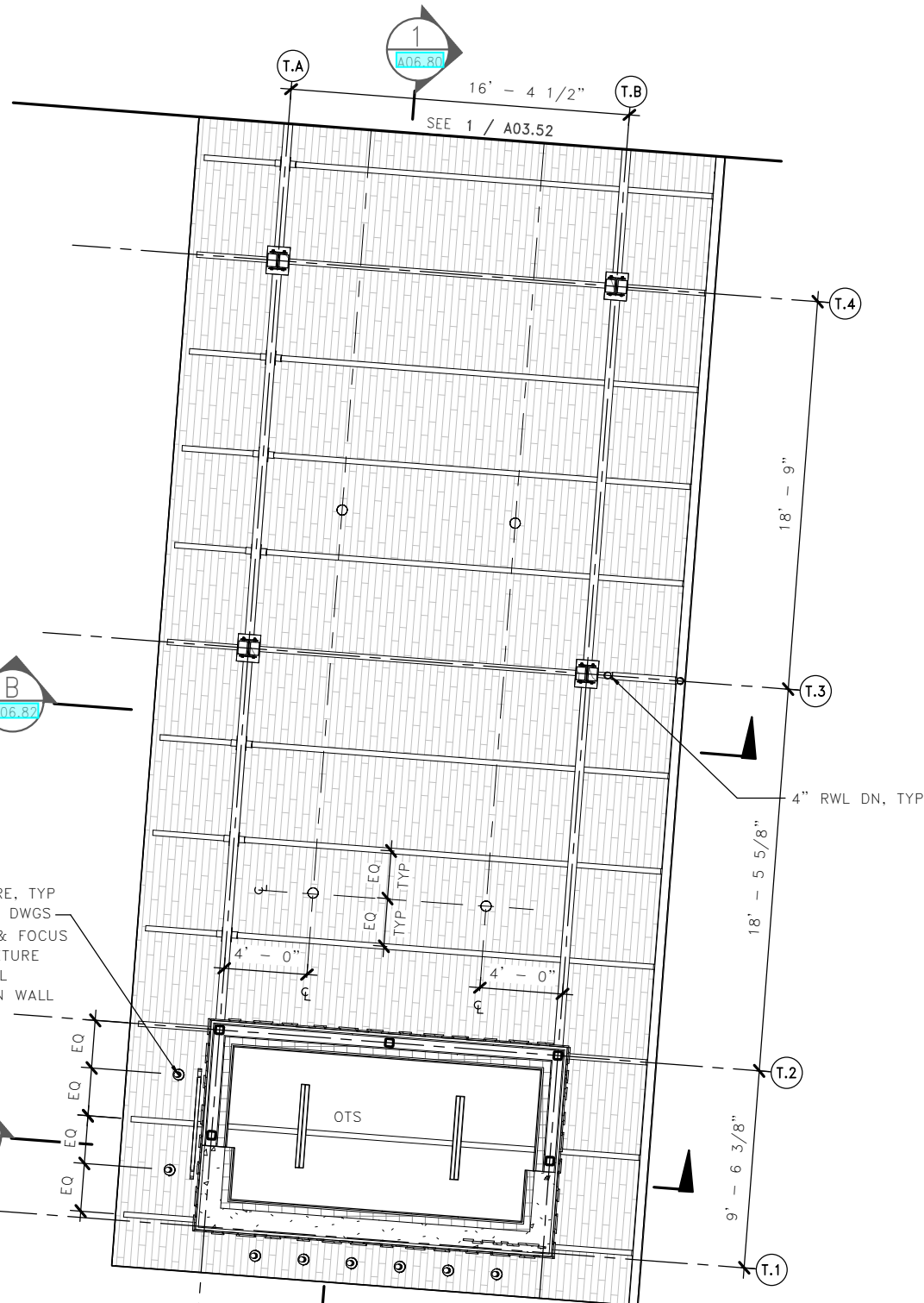
GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES. DIMENSIONS ARE TO CENTERLINE OF FIXTURE, UNO
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5. EXP MTL-1 SOFFIT PANELS SHALL BE FULLY REMOVABLE BY TORSION CLIP SYSTEM

LIGHT FIXTURE, TYP
– SEE ELEC DWGS
COORD AIM & FOCUS
OF LIGHT FIXTURE
W/ CULTURAL
ELEMENTS ON WALL



2 TOLL PLAZA – RCP SECTOR G
A03.52

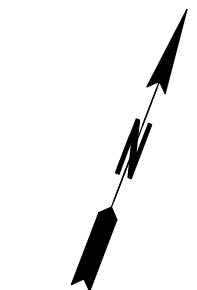


RCP LEGEND

- OPEN TO STRUCTURE, PNT-6
- CLG-1/1 HR RATED CLG
- STRUCT DECK, WRT-2
- ACP-1/MPC-1
- EXP MTL-1 CLG
- WCP-1
- PENDANT MTD LIGHT FIXTURES
- WALL/COL MTD LIGHT FIXTURE
- PENDANT MTD LIGHT FIXTURE
- SPRINKLER HEAD
- WALL/UTILITY TROUGH MTD LIGHT FIXTURES
- MECH RETURN DIFFUSER SEE MECH
- MECH SUPPLY DIFFUSER SEE MECH
- CLG MTD/SUSPENDED FCU, SEE MECH

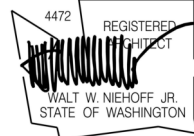


KEY PLAN



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CHECKED BY: M. FISHER	01/18/2019		
MAR PROJ ENGR: C. TORRES			
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19
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JOB NUMBER 18W121	
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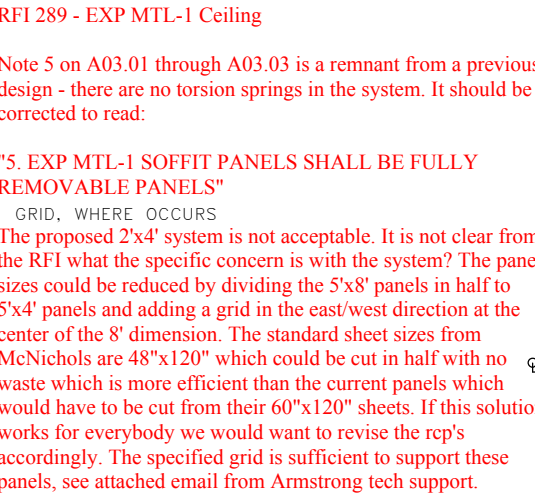


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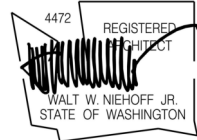
SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TOLL PLAZA – SECTOR F & G RCP

A03.52
SHEET
913
OF
1521
SHEETS



2 ENLARGED RCP AT EDGE BAY
A03.60

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CHECKED BY: M. FISHER			01/18/2019				10	WA	
MAR PROJ ENGR: C. TORRES							JOB NUMBER		
DGN ENGR MNGR: N. MCINTOSH							18W121		
ASST SECRETARY: A. SCARTON							CONTRACT NO.		
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SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

CEILING DETAILS

A03.60

SHEET
914
OF
1521
SHEETS

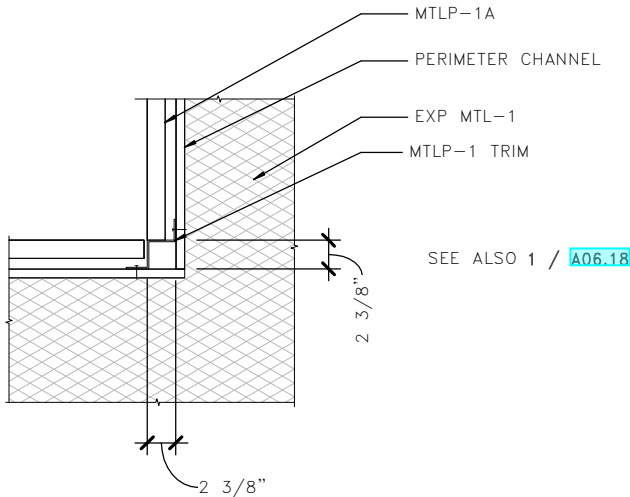
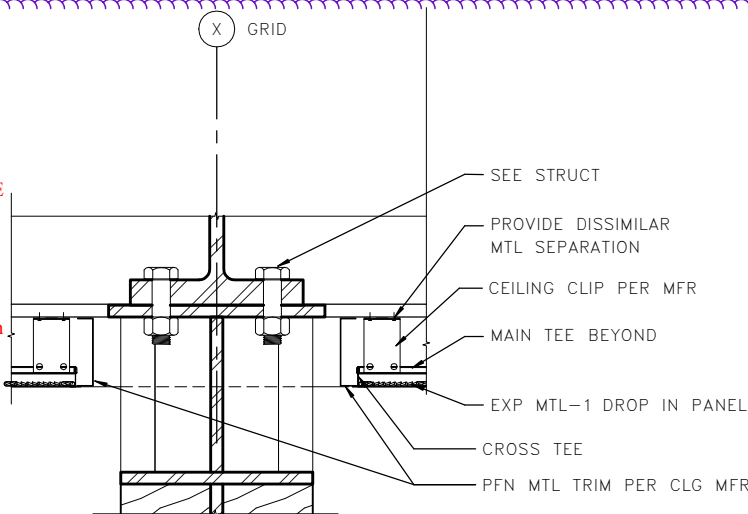
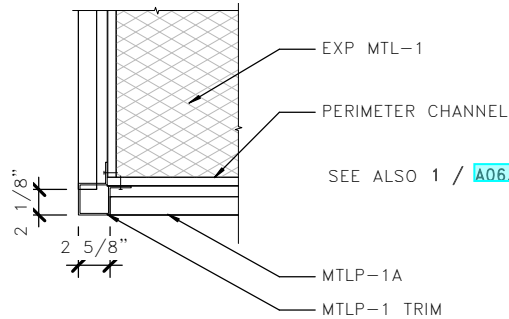
RFI 289

RFI 289 - EXP MTL-1 Ceiling

Note 5 on A03.01 through A03.03 is a remnant from a previous design - there are no torsion springs in the system. It should be corrected to read:

"5. EXP MTL-1 SOFFIT PANELS SHALL BE FULLY REMOVABLE PANELS"

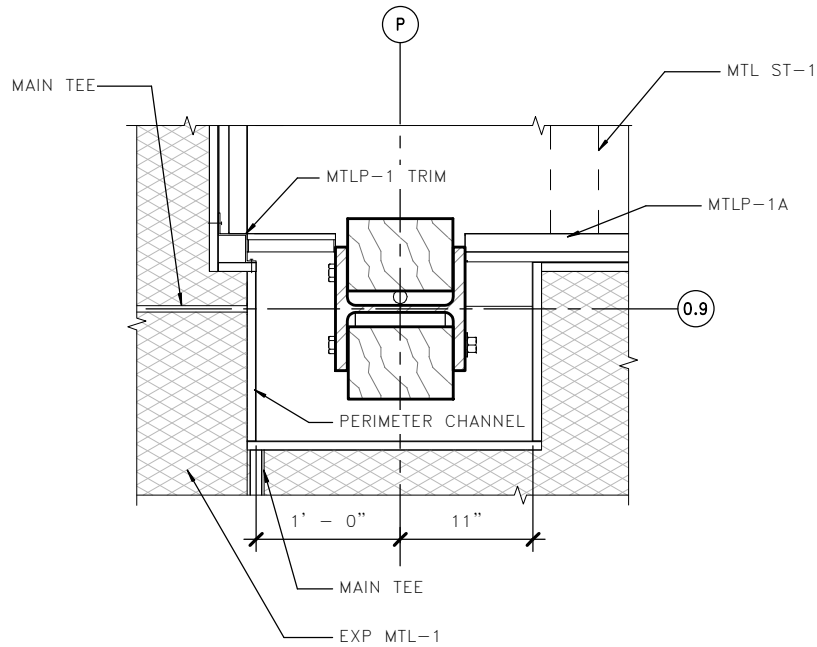
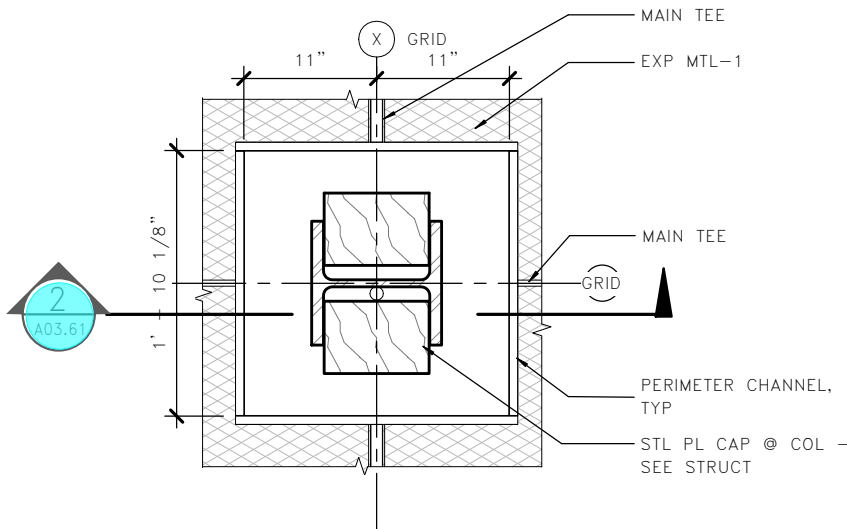
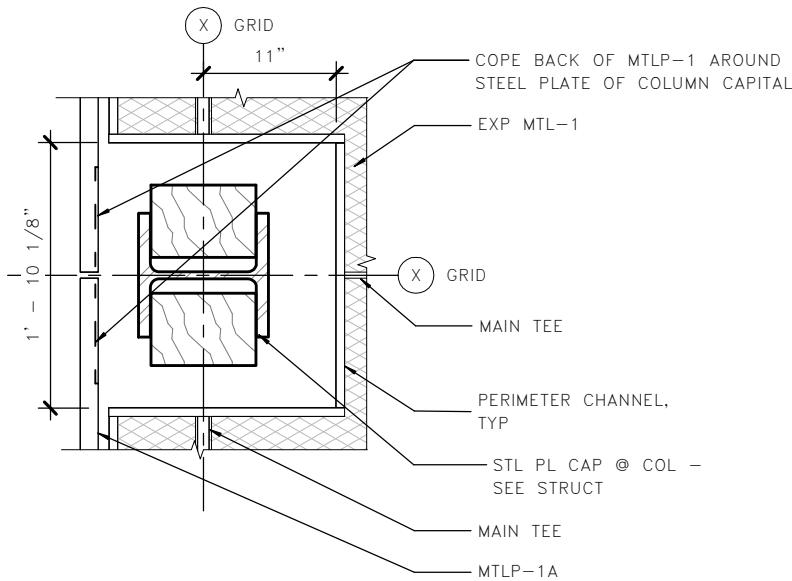
The proposed 2'x4' system is not acceptable. It is not clear from the RFI what the specific concern is with the system? The panel sizes could be reduced by dividing the 5'x8' panels in half to 5'x4' panels and adding a grid in the east/west direction at the center of the 8' dimension. The standard sheet sizes from McNichols are 48"x120" which could be cut in half with no waste which is more efficient than the current panels which would have to be cut from their 60"x120" sheets. If this solution works for everybody we would want to revise the rep's accordingly. The specified grid is sufficient to support these panels, see attached email from Armstrong tech support.



1 RCP AT EXTERIOR CORNER
A03.61

2 EXP MTL-1 SECTION AT COLUMN
A03.61

3 RCP AT INTERIOR CORNER
A03.61



4 RCP AT EDGE COLUMN
A03.61

5 RCP AT TYP COLUMN
A03.61

6 RCP AT COLUMN NEAR STAIR
A03.61

LMN

0" 6" 12" 18"

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01/18/2019

CHECKED BY: M. FISHER

01/18/2019

MAR PROJ ENGR: C. TORRES

DGN ENGR MNGR: N. MCINTOSH

ASST SECRETARY: A. SCARTON

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01/18/19

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WA-2017-007-00

REGION NO. STATE

10 WA

JOB NUMBER

18W121

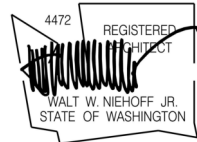
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WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

CEILING DETAILS

A03.61

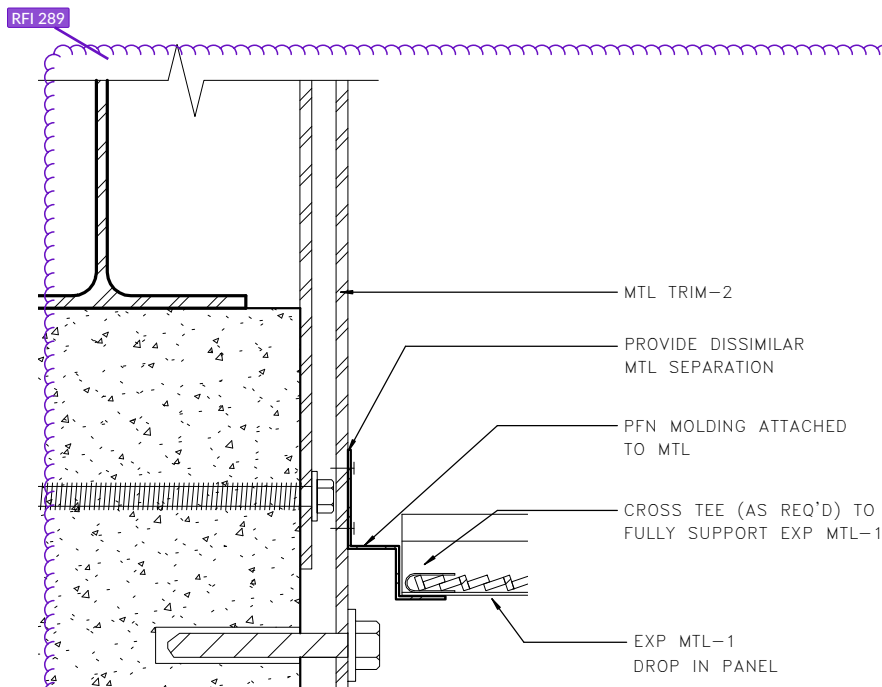
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915

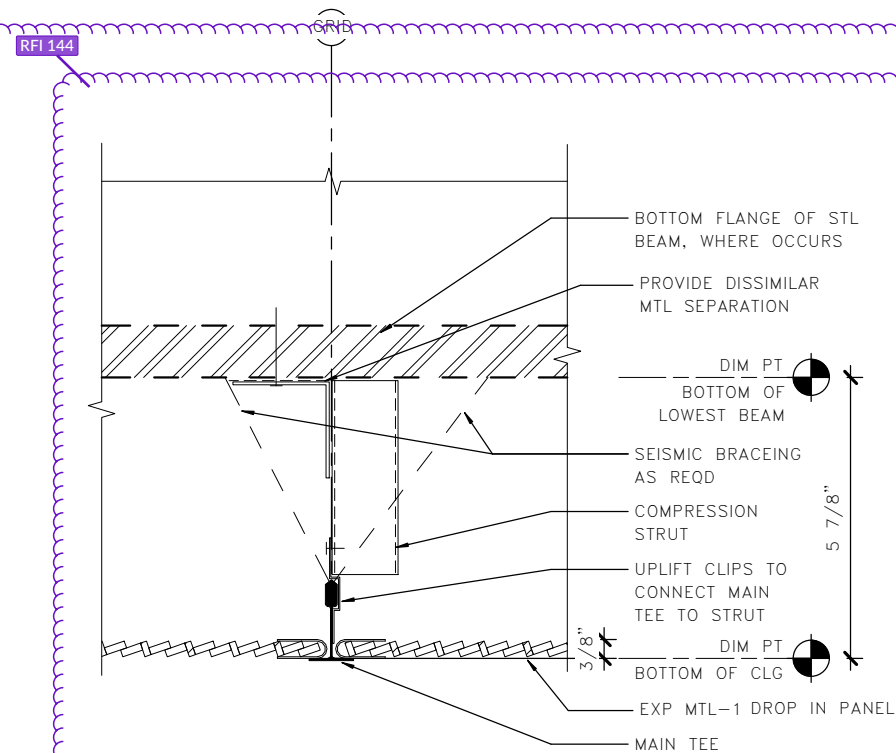
OF

1521

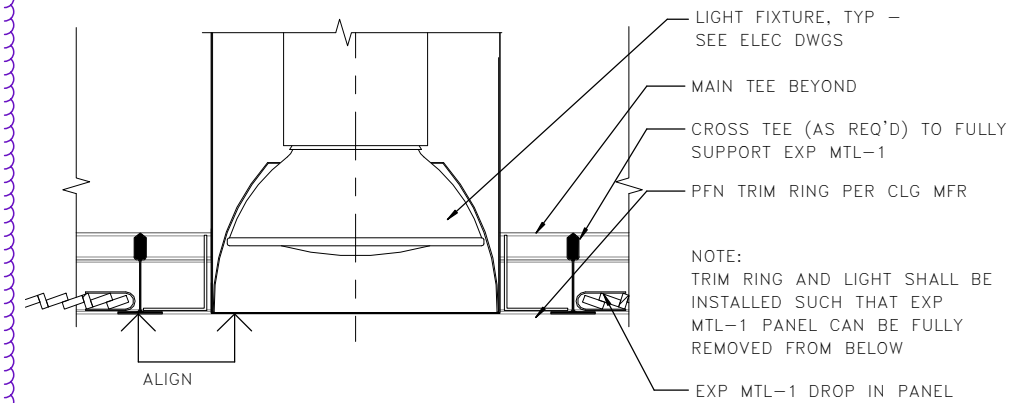
SHEETS



1 DECO MTL-1 AT CONC BUILDING WALL
A03.62

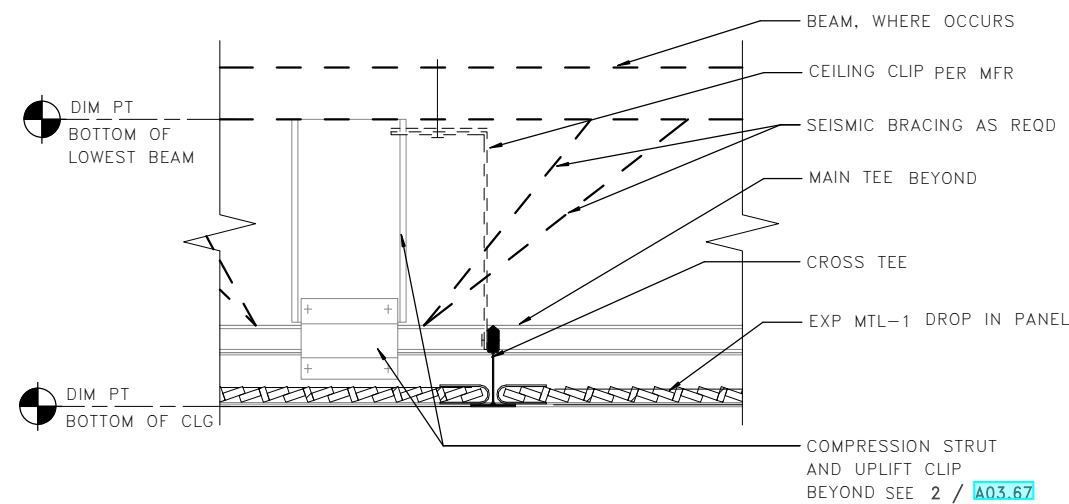


2 DECO MTL-1 AT NORTH/SOUTH MAIN TEE
A03.62



3 EXP MTL-1 LIGHT PENETRATION
A03.62

RFI 144 - Steel Piping Penetrations
A steel penetration solution is not suggested for a few reasons:
(1) violating the standard penetration detail will require significant reinforcement and engineering effort.
(2) it seems some of these locations are very close to beam intersections and not feasible.
A coordination meeting with LMN, FSi, and KPFF is suggested to coordinate an acceptable solution.



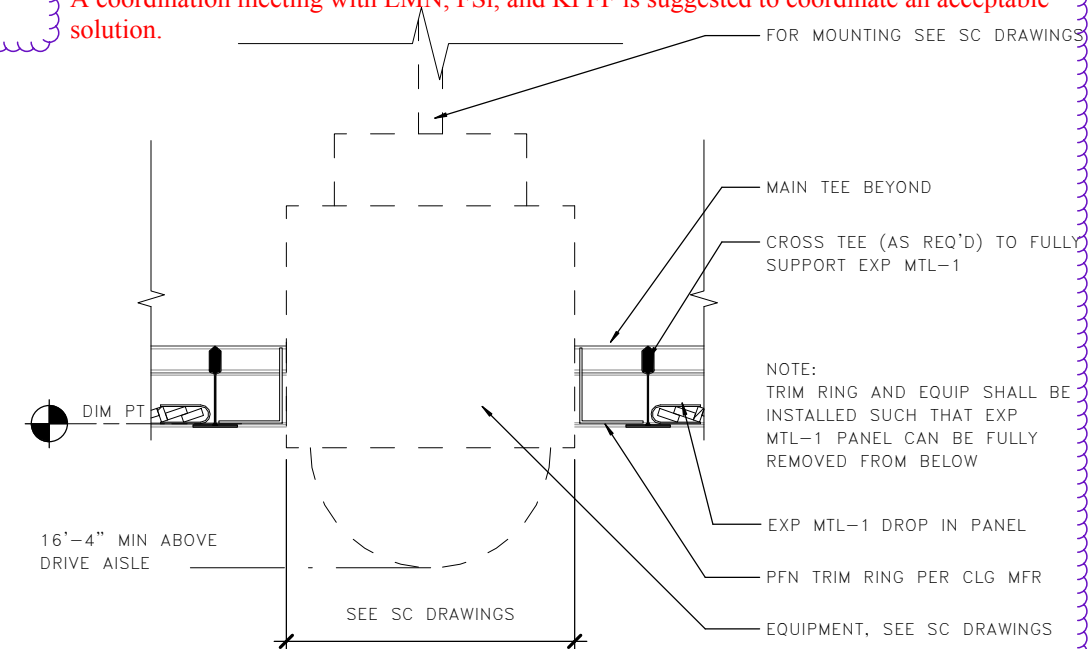
4 EXP MTL-1 CROSS DETAIL
A03.62

RFI 289 - EXP MTL-1 Ceiling

Note 5 on A03.01 through A03.03 is a remnant from a previous design - there are no torsion springs in the system. It should be corrected to read:

"5. EXP MTL-1 SOFFIT PANELS SHALL BE FULLY REMOVABLE PANELS"

The proposed 2'x4' system is not acceptable. It is not clear from the RFI what the specific concern is with the system? The panel sizes could be reduced by dividing the 5'x8' panels in half to 5'x4' panels and adding a grid in the east/west direction at the center of the 8' dimension. The standard sheet sizes from McNichols are 48"x120" which could be cut in half with no waste which is more efficient than the current panels which would have to be cut from their 60"x120" sheets. If this solution works for everybody we would want to revise the rcp's accordingly. The specified grid is sufficient to support these panels, see attached email from Armstrong tech support.



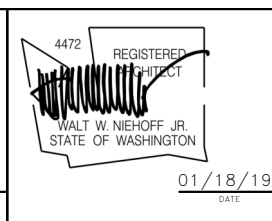
6 EXP MTL-1 EQUIP PENETRATION
A03.62



LMN

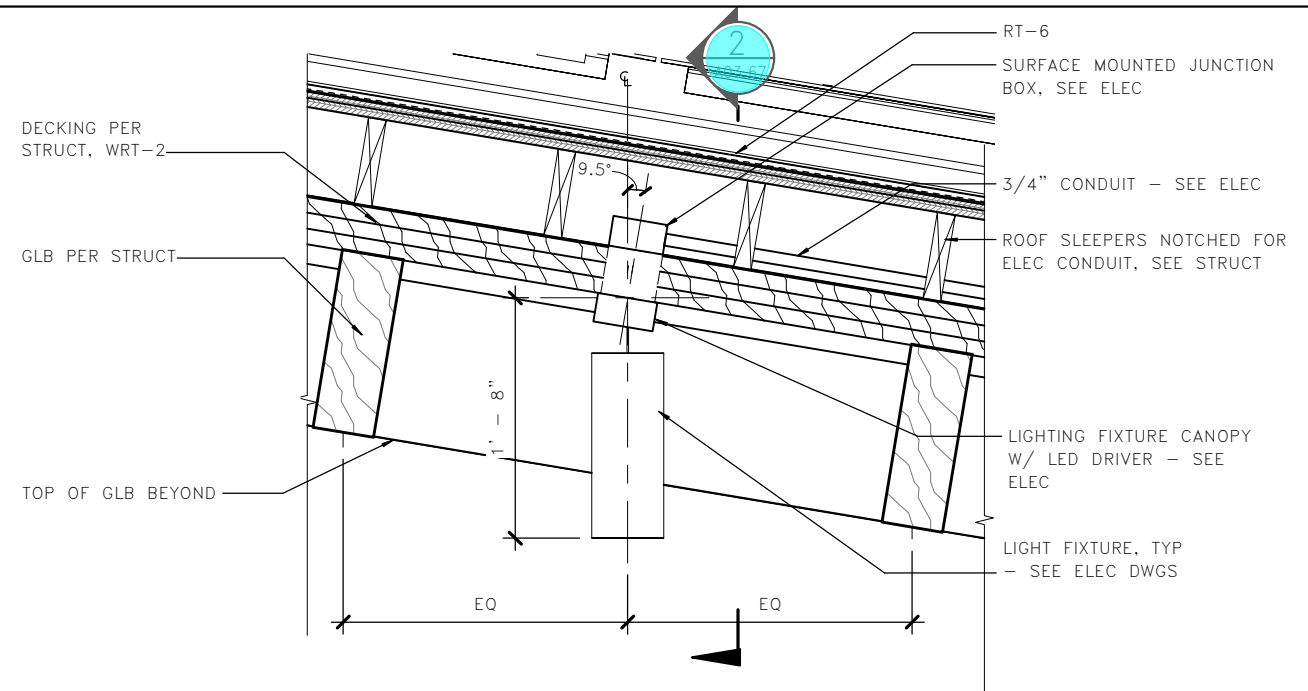
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MAR PROJ ENGR:	C. TORRES				
DGN ENGR MNGR:	N. MCINTOSH		CONFORMED PLANS	01/18/19	
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MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
CEILING DETAILS

A03.62
SHEET
916
OF
1521
SHEETS

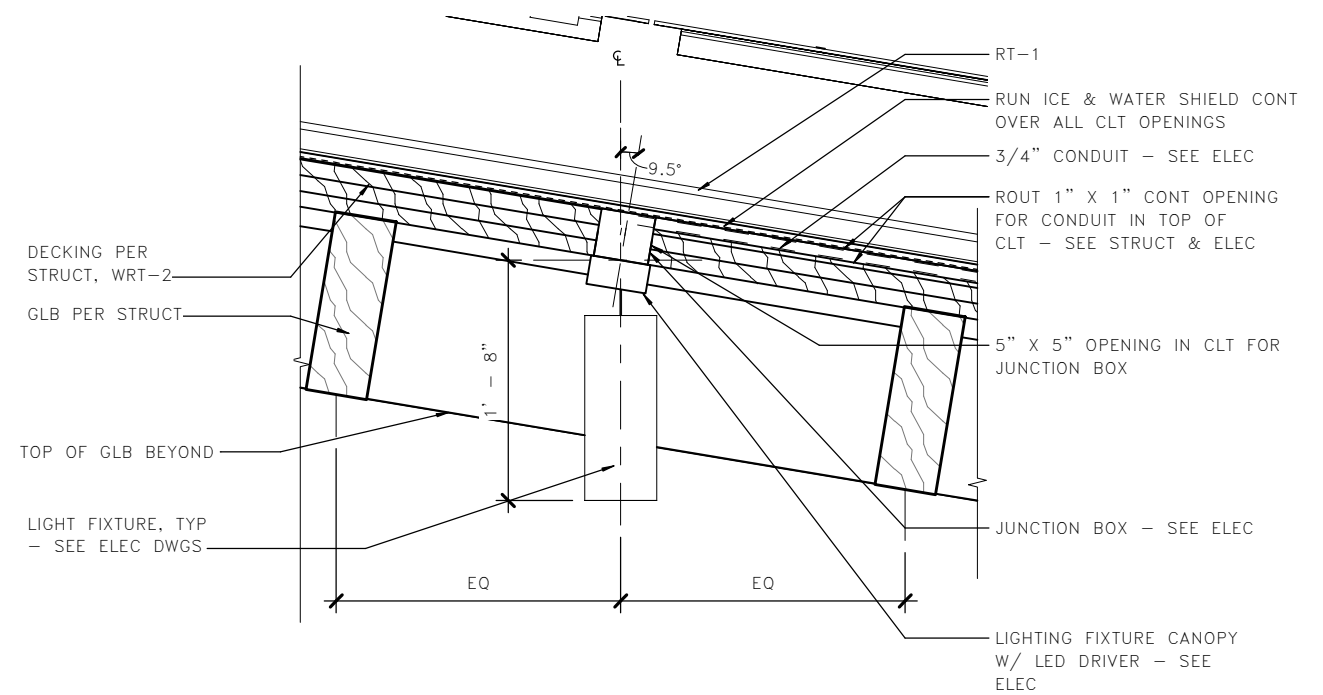


2 TYP SURFACE MTD LIGHTING FXTR @ RT-6

A03.65

0 8" 16"

3/4" = 1'-0"



3 TYP SURFACE MTD LIGHTING FXTR @ RT-1

A03.65

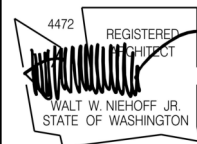
0 8" 16"

3/4" = 1'-0"

LMN

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ENTERED BY: G. BISHOP	01/18/2019				10 WA
CHECKED BY: M. FISHER	01/18/2019				JOB NUMBER
MAR PROJ ENGR: C. TORRES					18W121
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19		CONTRACT NO.
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MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
CEILING DETAILS

A03.65

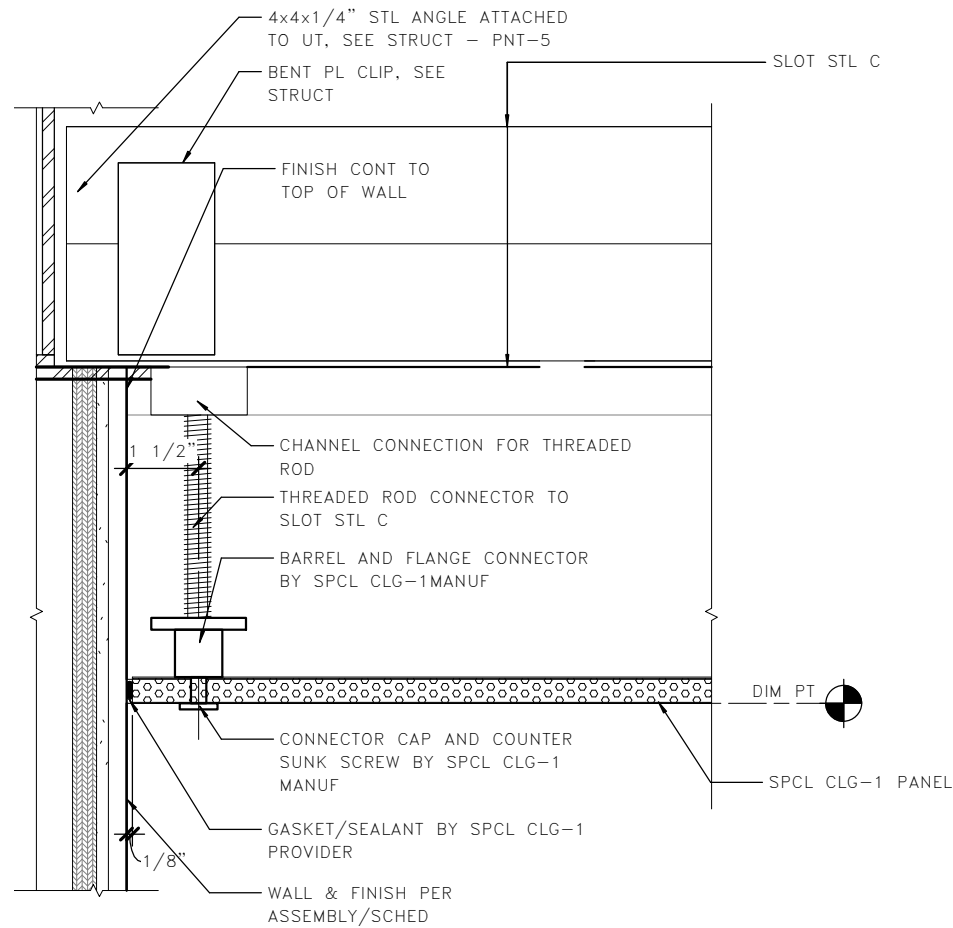
SHEET

917

OF

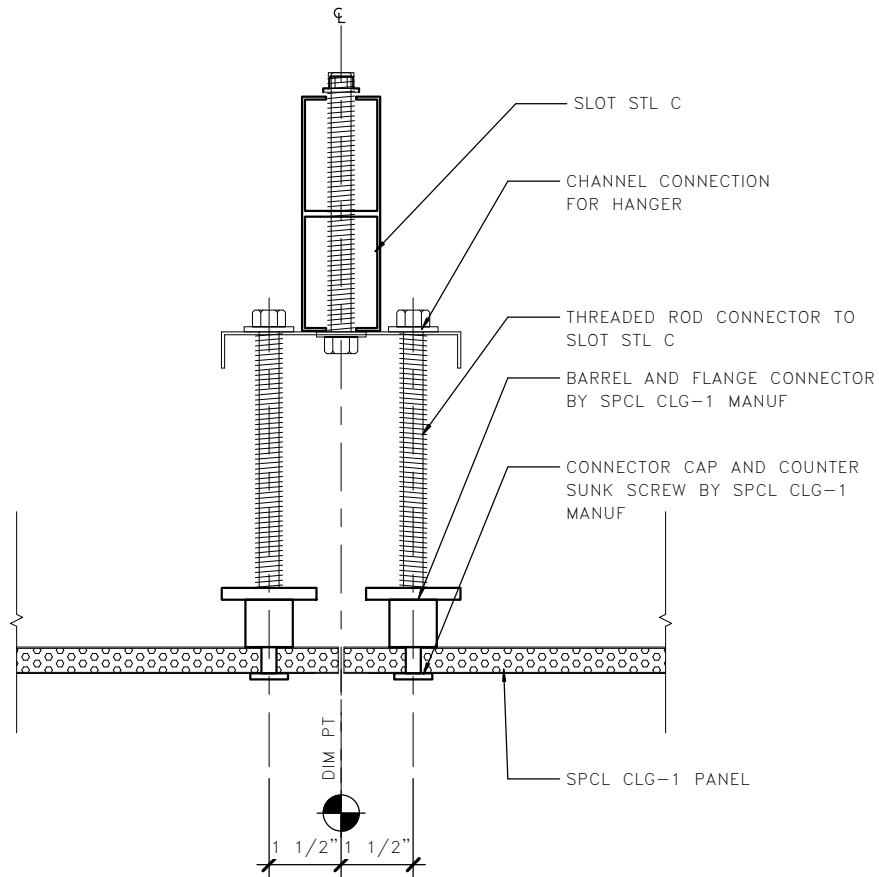
1521

SHEETS



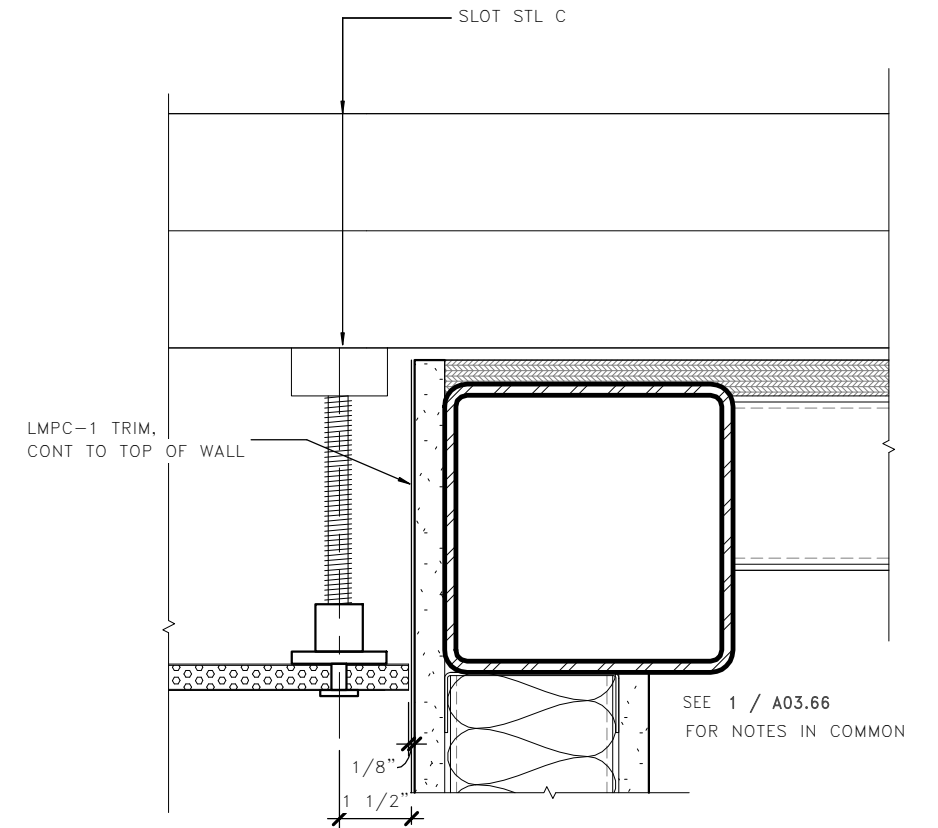
1 SPCL CLG-1 AT WALL

A03.66
0 2 4
3" = 1'-0"



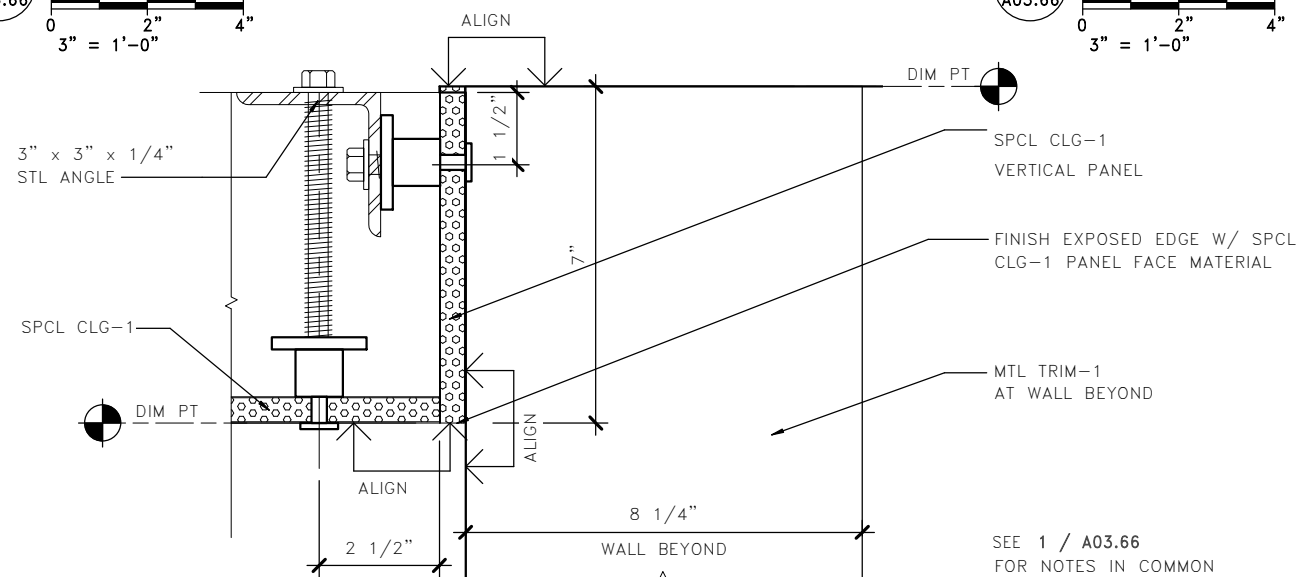
2 SPCL CLG-1 - TYP JT

A03.66
0 2 4
3" = 1'-0"



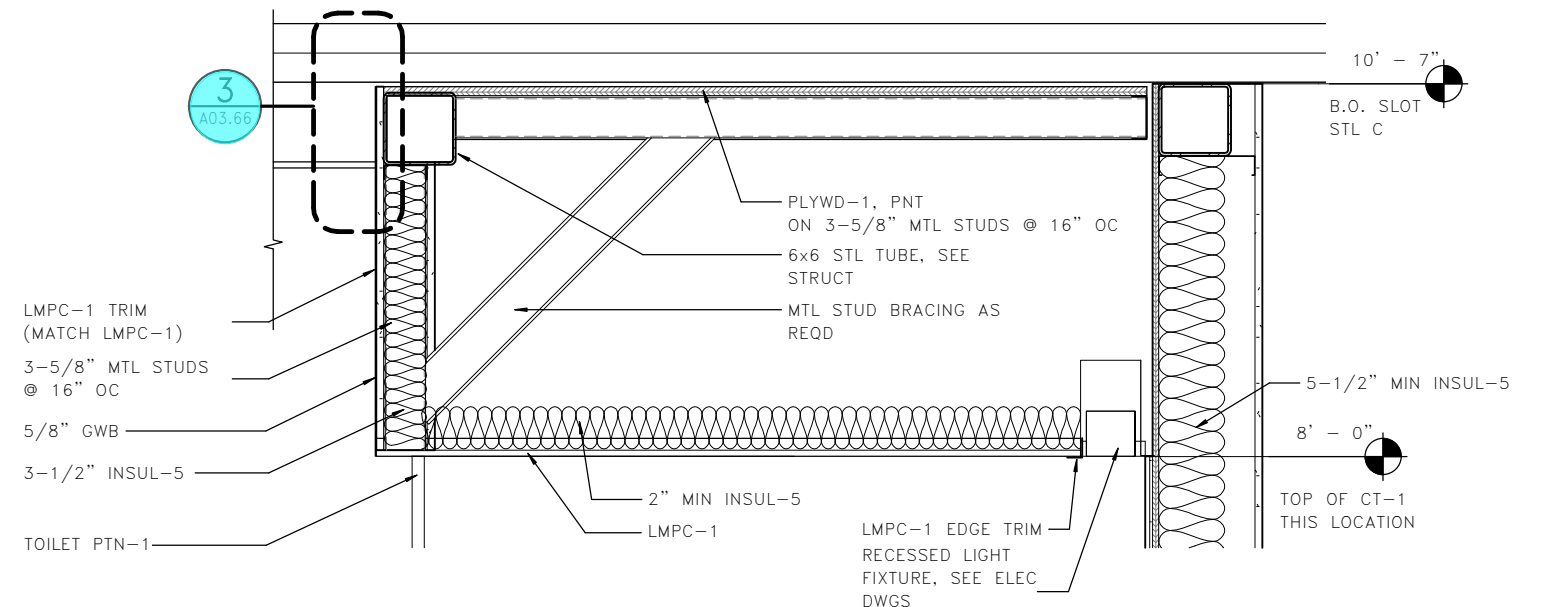
3 SPCL CLG-1 AT LMPC-1

A03.66
0 2 4
3" = 1'-0"



6 SPCL CLG-1 AT EXP EDGE

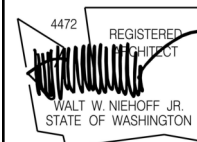
A03.66
0 2 4
3" = 1'-0"



4 DETAIL AT LMPC-1 CLG

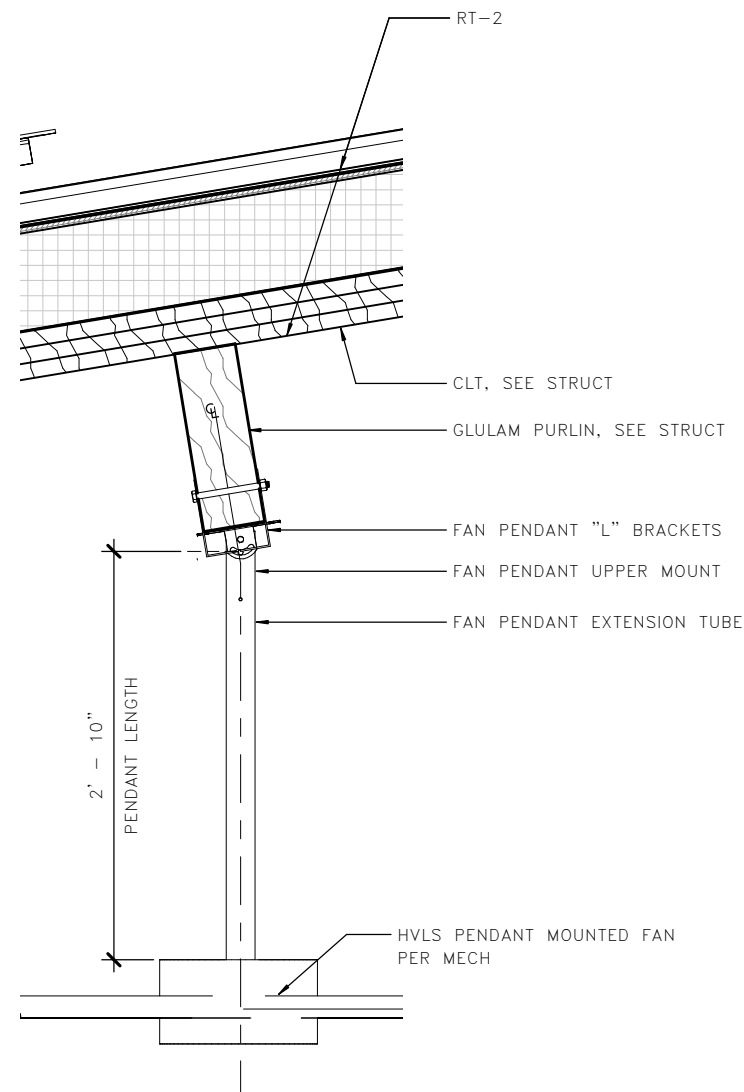
A03.66
0 8 16
3/4" = 1'-0"

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CHECKED BY: M. FISHER	01/18/2019		JOB NUMBER
MAR PROJ ENGR: C. TORRES			18W121
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19
ASST SECRETARY: A. SCARTON		REVISION	DATE BY
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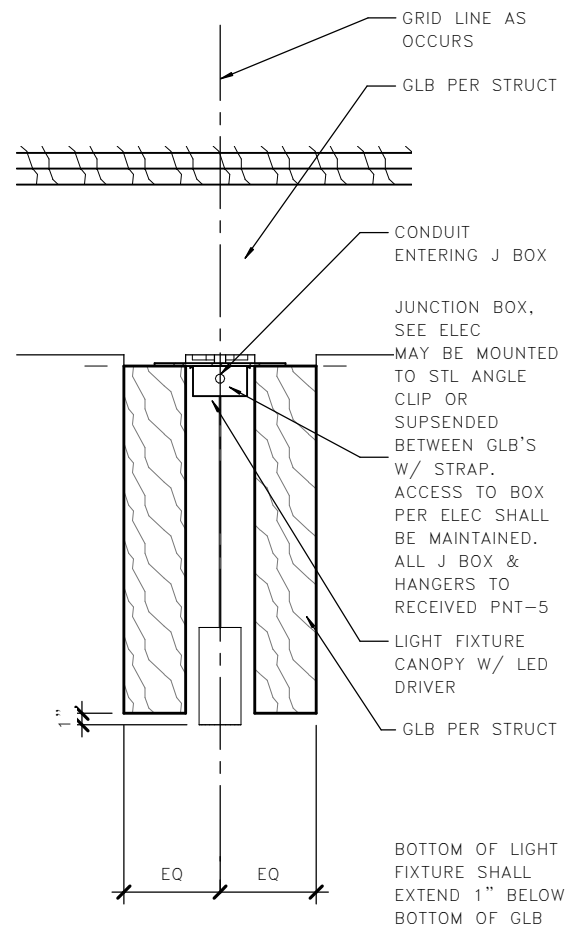


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
CEILING DETAILS

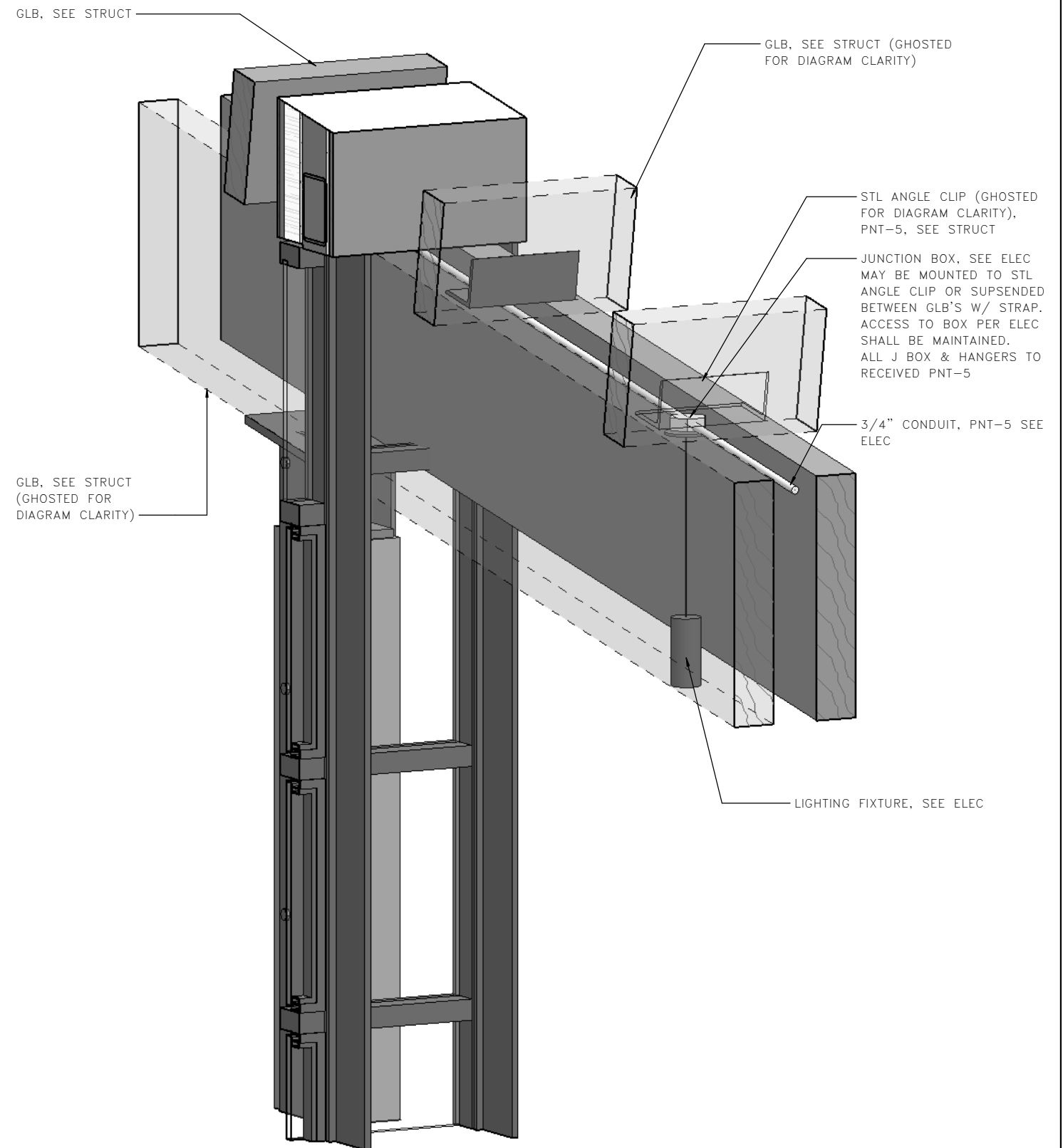
A03.66
SHEET
918
OF
1521
SHEETS



1 CEILING DETAIL AT FAN
A03.67

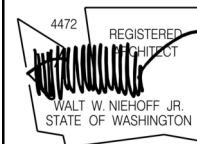


2 CEILING DETAIL AT LIGHT
A03.67



3 3D DIAGRAM @ TYP NORTH COL
A03.67

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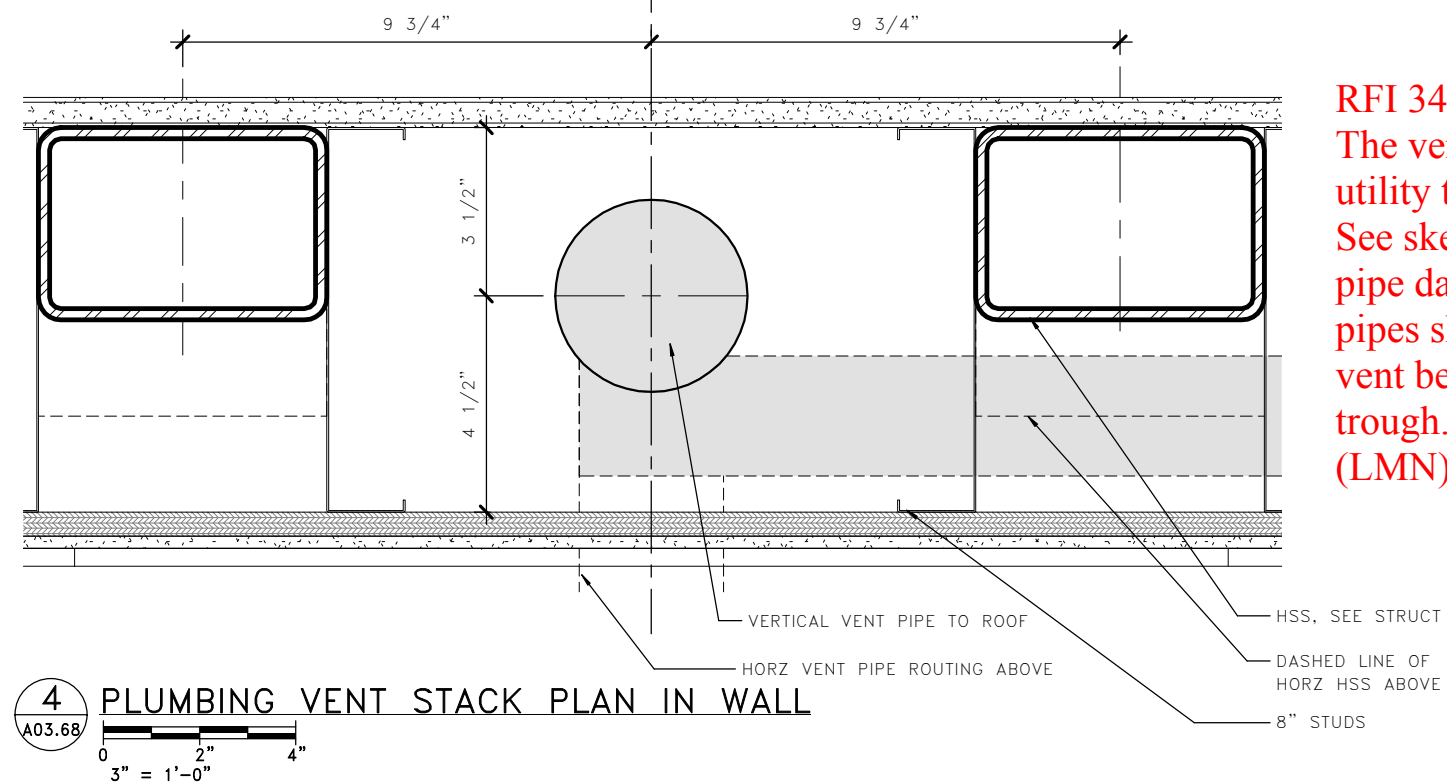
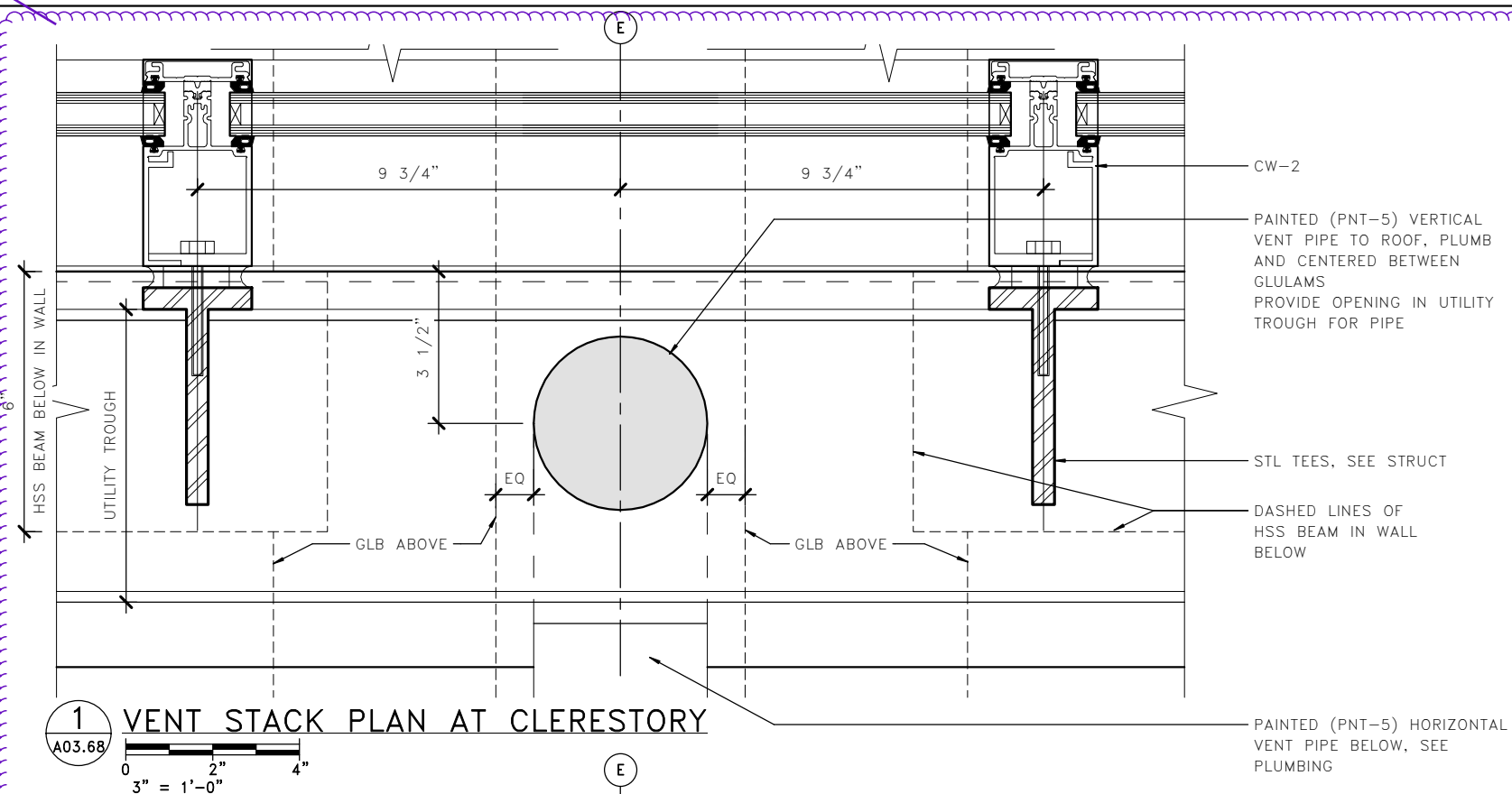


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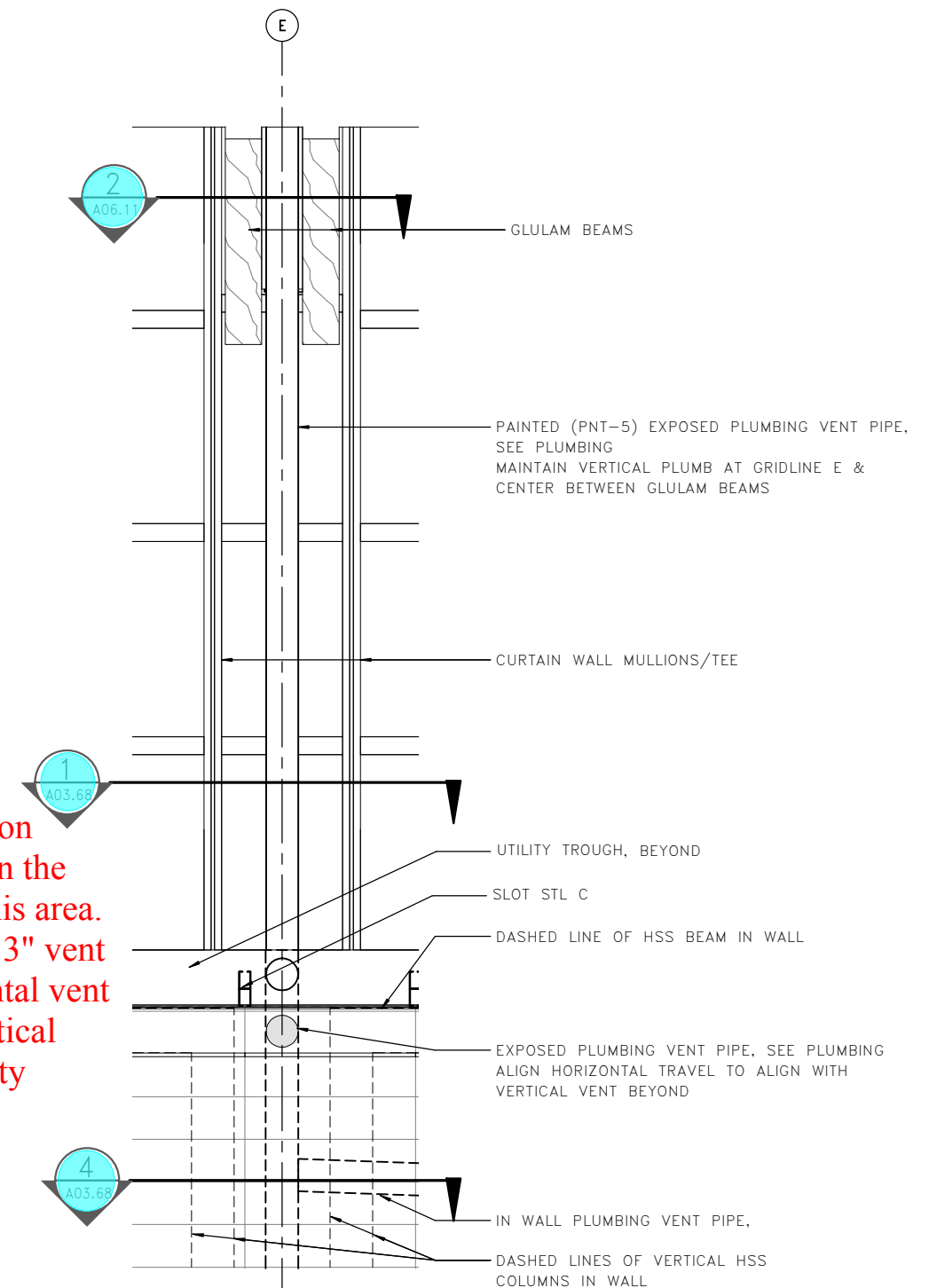


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
CEILING DETAILS

A03.67
SHEET
919
OF
1521
SHEETS



RFI 342 - Beam Vent Penetration
 The vent pipe and the conduit in the utility trough should all fit in this area. See sketch to the right with the 3" vent pipe dashed in red. The horizontal vent pipes should connect to the vertical vent below the level of the utility trough. (LMN)



LMN

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DGN ENGR MNGR: N. MCINTOSH

ASST SECRETARY: A. SCARTON

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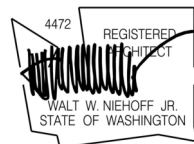
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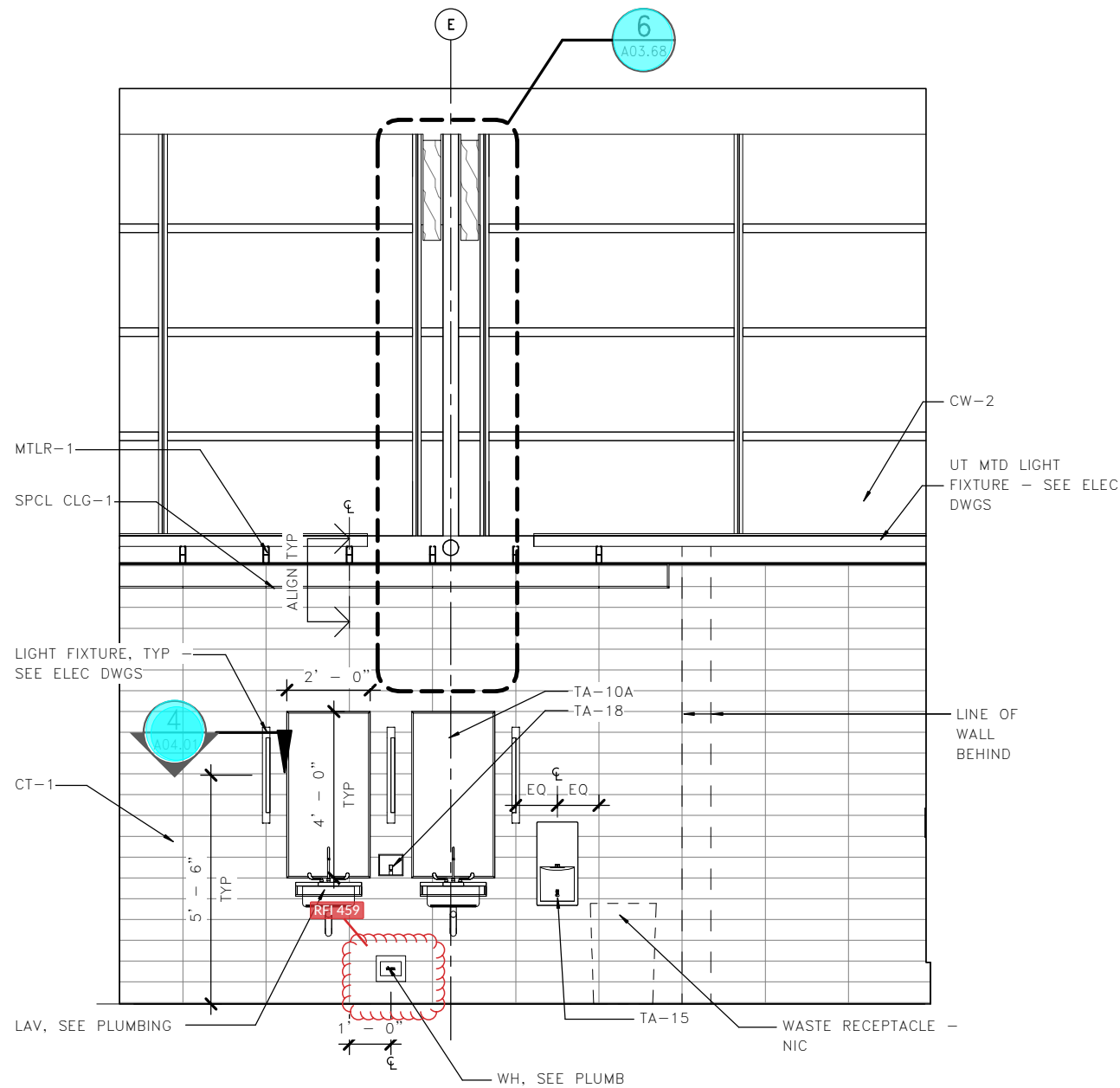
SR 525
 MUKILTEO FERRY TERMINAL (PHASE 2)
 FERRY TERMINAL CONSTRUCTION

PLUMBING VENT STACK

A03.68

SHEET
 920
 OF
 1521
 SHEETS

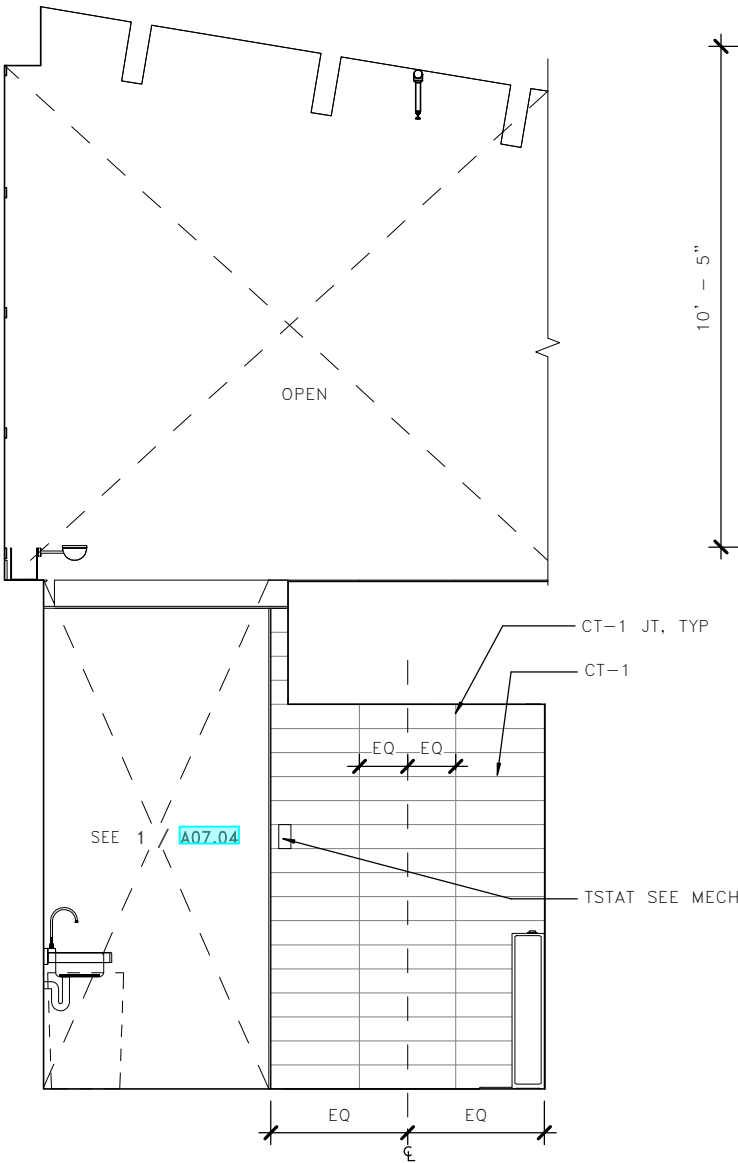
NOTES:
1. SEE A04.08 FOR TYPICAL MOUNTING HEIGHTS &
TOILET ACCESSORY LEGEND



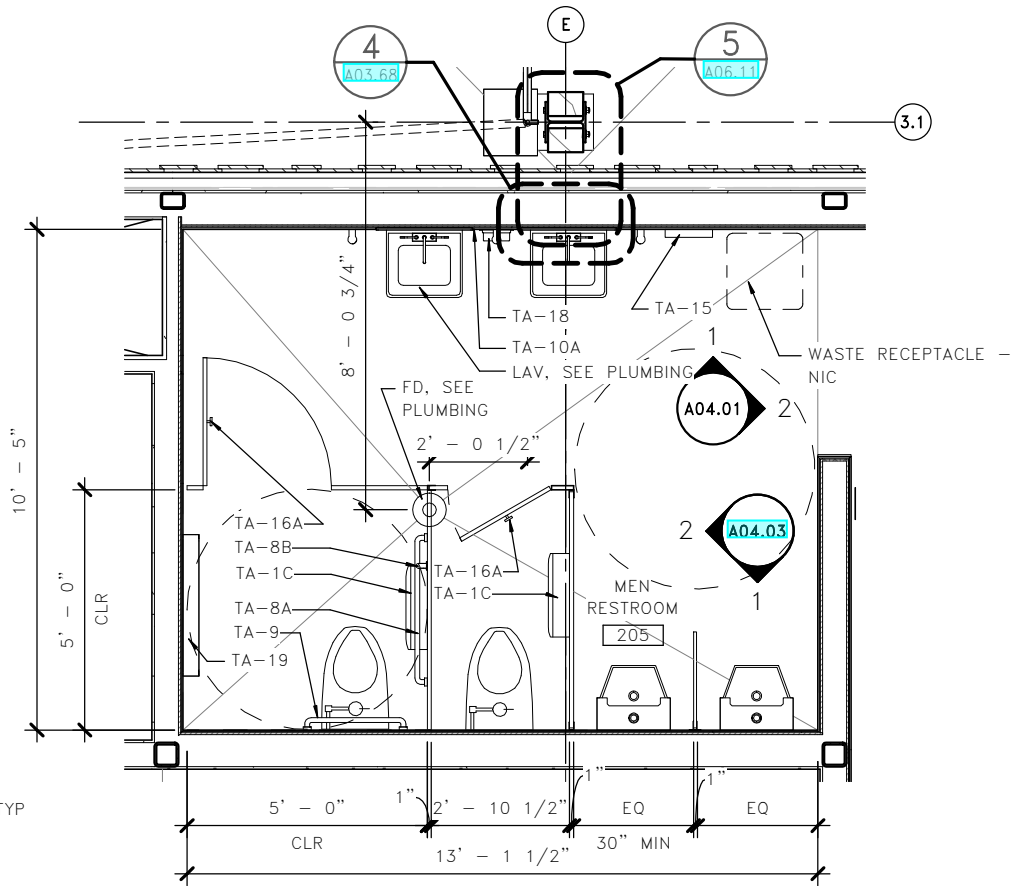
1 MEN 205 NORTH
A04.01

RFI 459 - Restroom Wall Hydrants

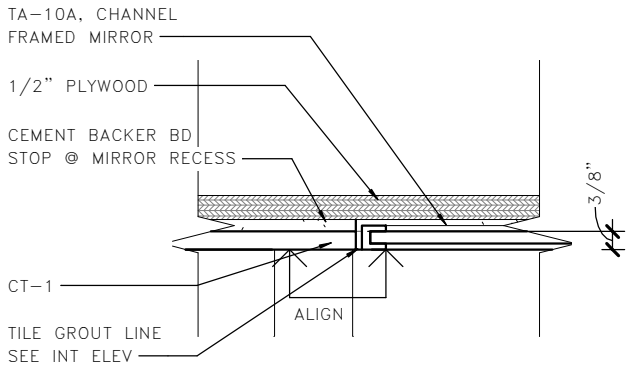
Confirmed that wall hydrants are to be locking box style and cold water only.



2 MEN 205 EAST
A04.01



3 MEN 205 PLAN
A04.01

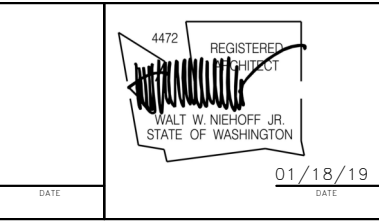


4 DETAIL AT MIRROR
A04.01



LMN

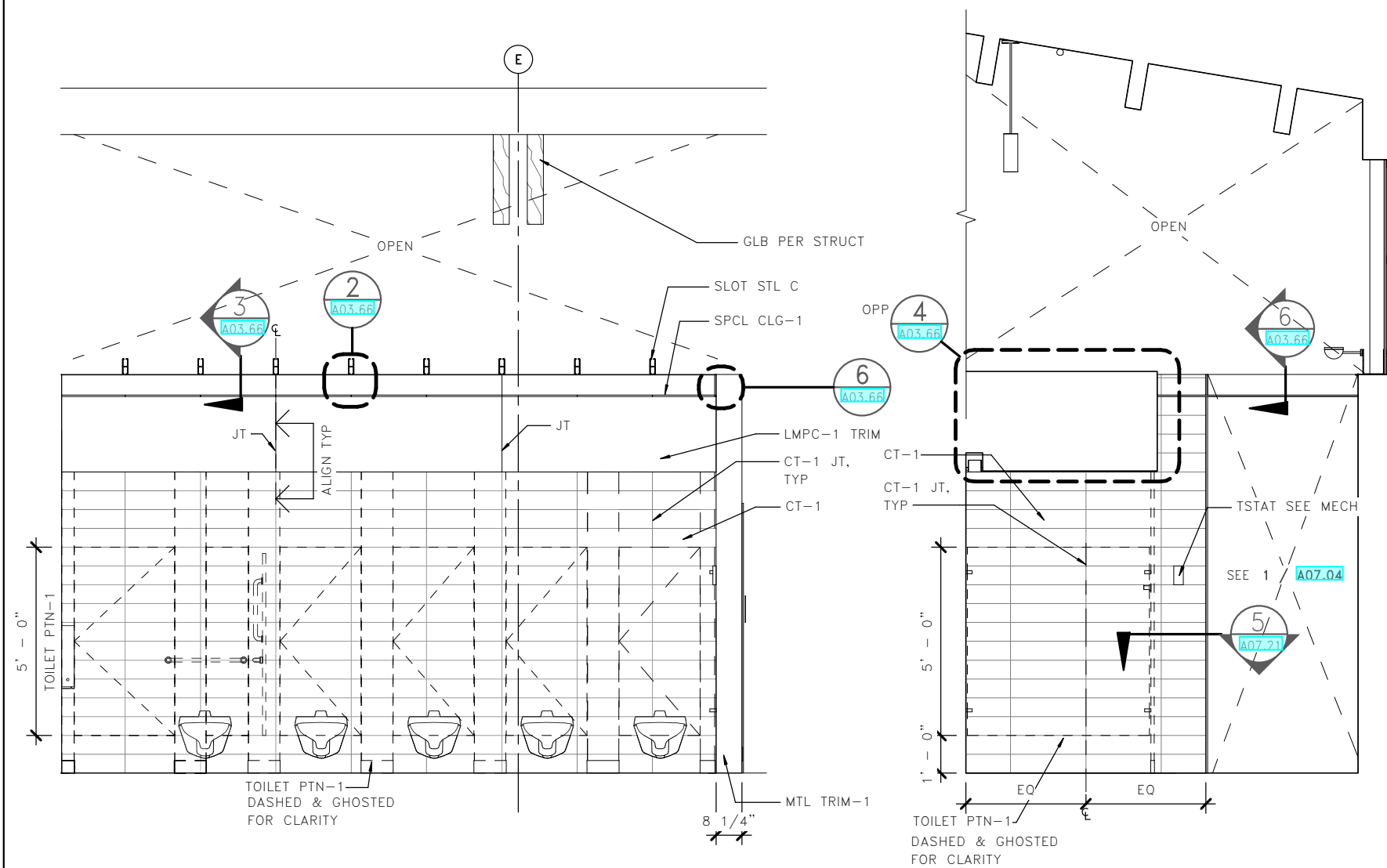
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DGN ENGR MNGR: N. MCINTOSH				00****	
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				REVISION	
				DATE	
				BY	



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - RESTROOM PLANS & ELEV

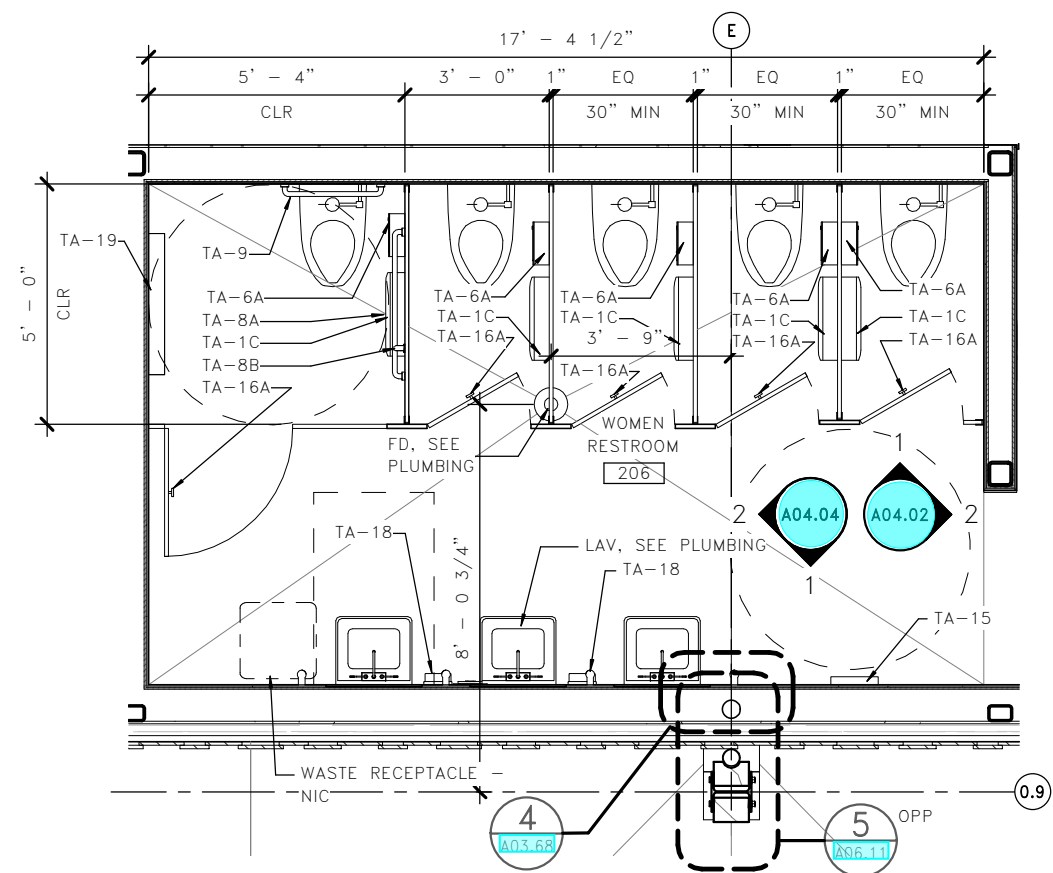
A04.01
SHEET
921
OF
1521
SHEETS

NOTES:
1. SEE A04.08 FOR TYPICAL MOUNTING HEIGHTS &
TOILET ACCESSORY LEGEND



1 WOMEN 206 NORTH
A04.02

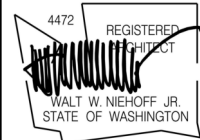
2 WOMEN 206 EAST
A04.02



3 WOMEN 206 PLAN
A04.02

LMN

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SUBMITTAL DATE: 01/18/2019					REGION NO. 10 STATE WA	
DESIGNED BY: H. FITZPATRICK	01/18/2019				JOB NUMBER 18W121	
ENTERED BY: G. BISHOP	01/18/2019				CONTRACT NO. 00****	
CHECKED BY: M. FISHER	01/18/2019					
MAR PROJ ENGR: C. TORRES		CONFORMED PLANS	01/18/19			
DGN ENGR MNGR: N. MCINTOSH		REVISION	DATE	BY		
ASST SECRETARY: A. SCARTON						



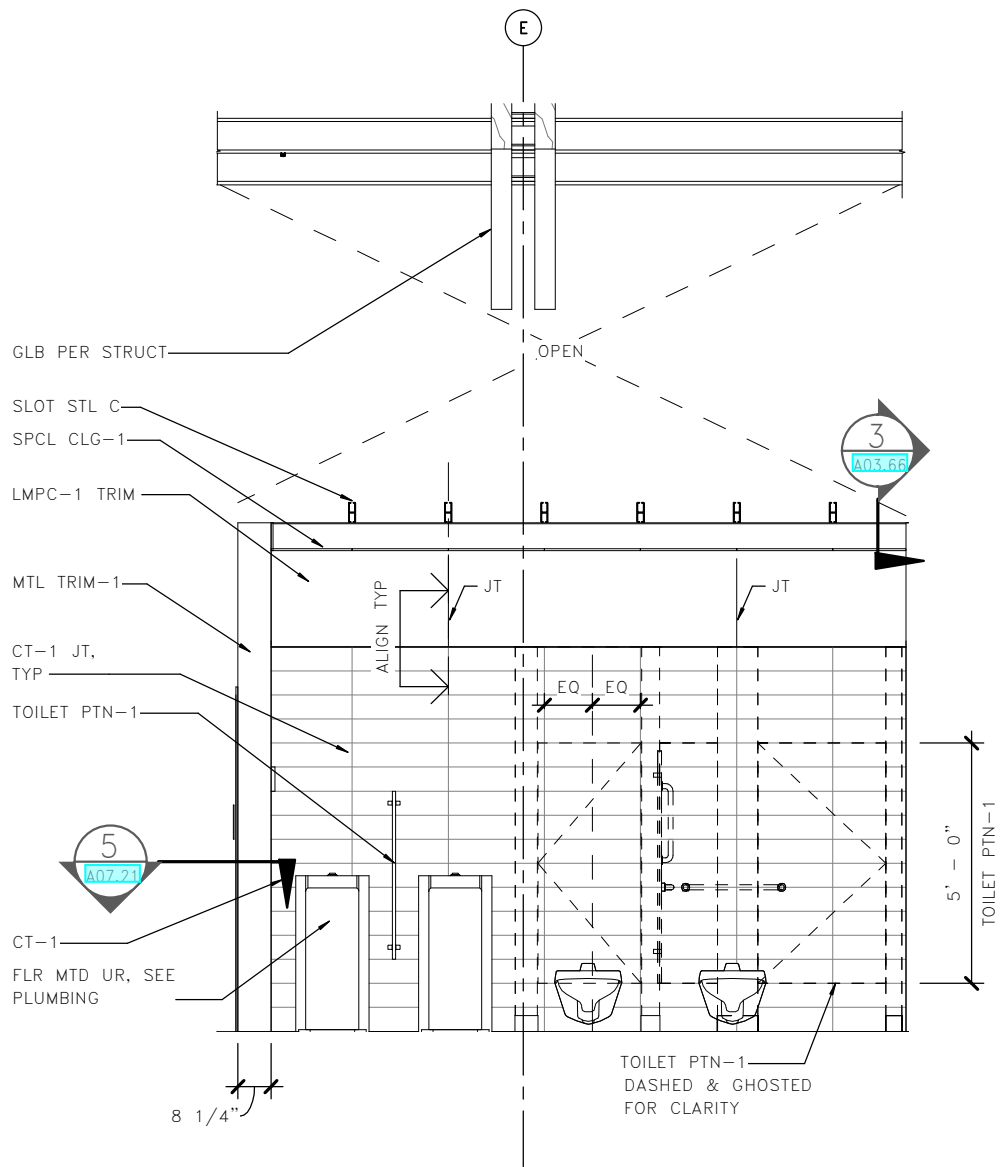
01/18/19
DATE



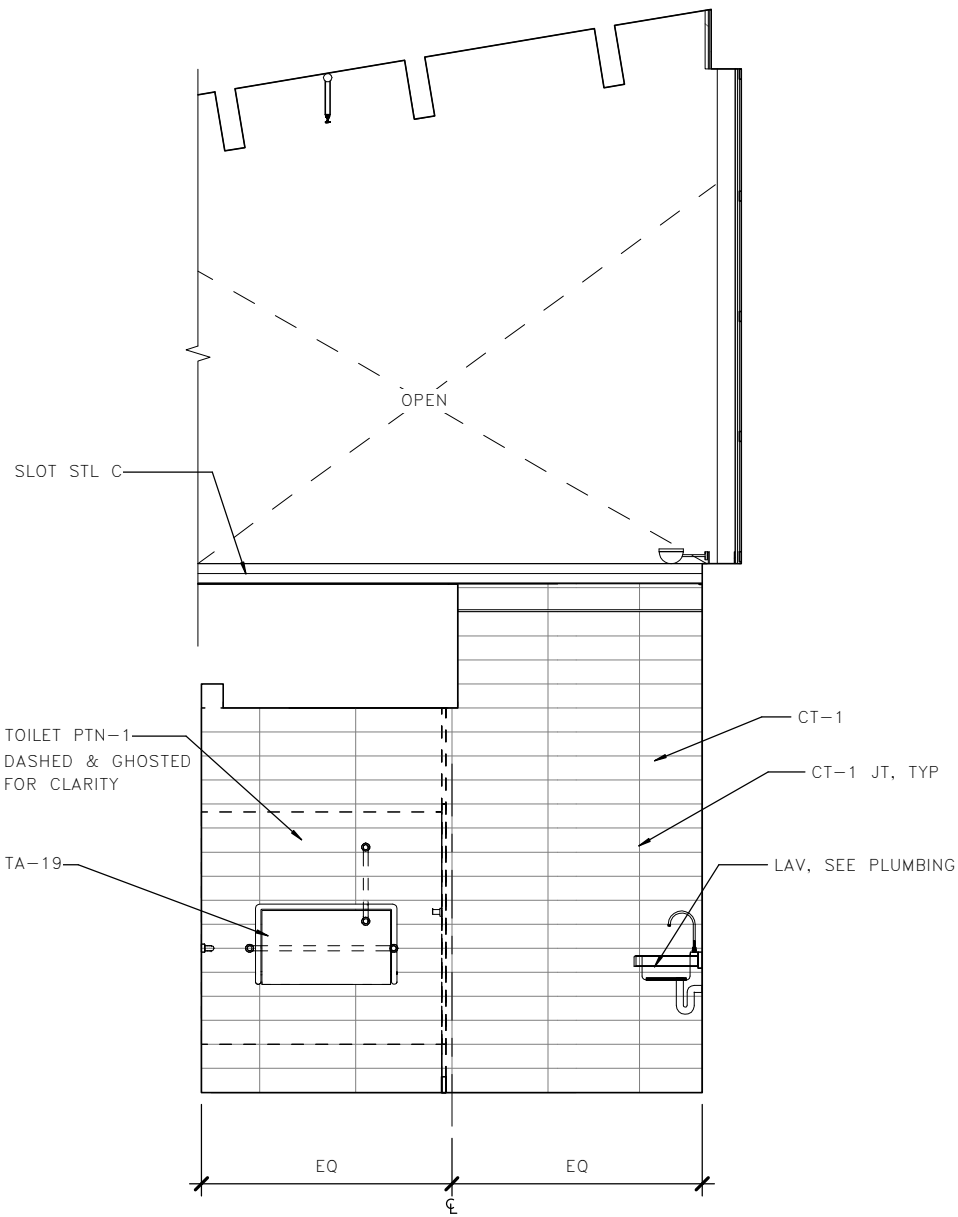
SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - RESTROOMS PLANS & ELEV

A04.02
SHEET
922
OF
1521
SHEETS

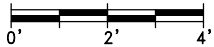
NOTES:
1. SEE A04.08 FOR TYPICAL MOUNTING HEIGHTS &
TOILET ACCESSORY LEGEND



1 MEN 205 - SOUTH
A04.03



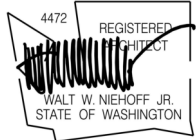
2 MEN 205 - WEST
A04.03



LMN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt					FED.AID PROJ.NO.	
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ENTERED BY: G. BISHOP	01/18/2019				CONTRACT NO. 00****	
CHECKED BY: M. FISHER	01/18/2019					
MAR PROJ ENGR: C. TORRES						
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19			
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY		

DATE



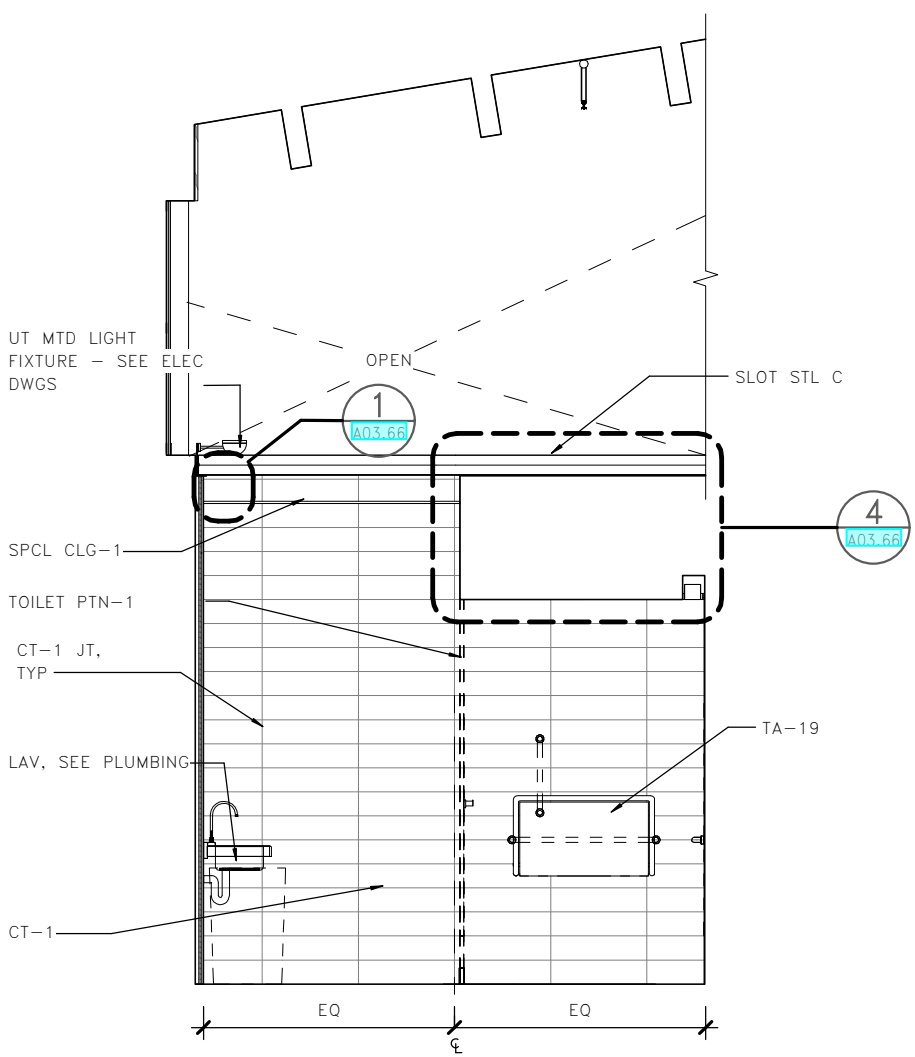
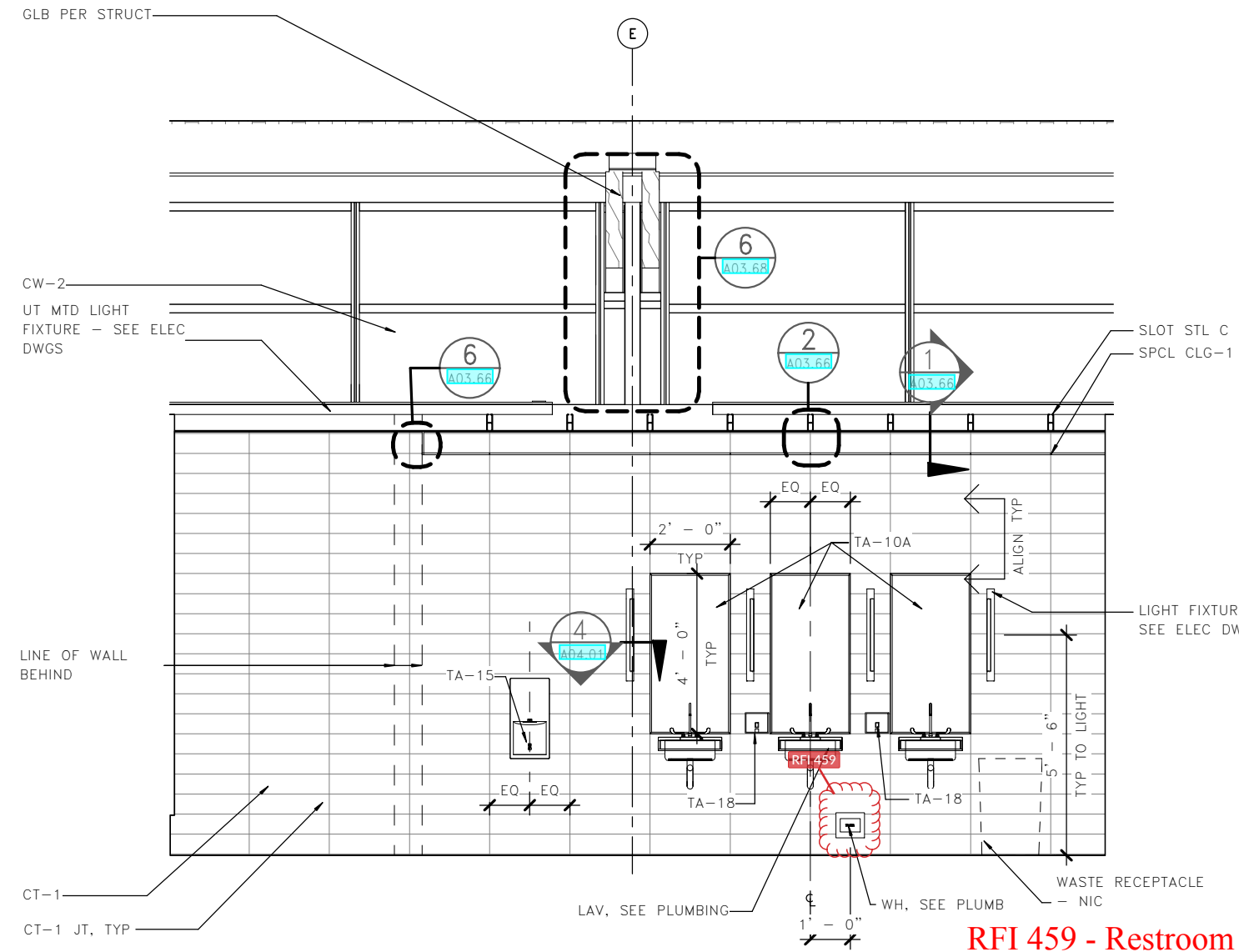
01/18/19
DATE



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - RESTROOM ELEVATIONS

A04.03
SHEET
923
OF
1521
SHEETS

NOTES:
1. SEE A04.08 FOR TYPICAL MOUNTING HEIGHTS &
TOILET ACCESSORY LEGEND

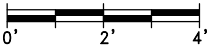



RFI 459 - Restroom Wall Hydrants

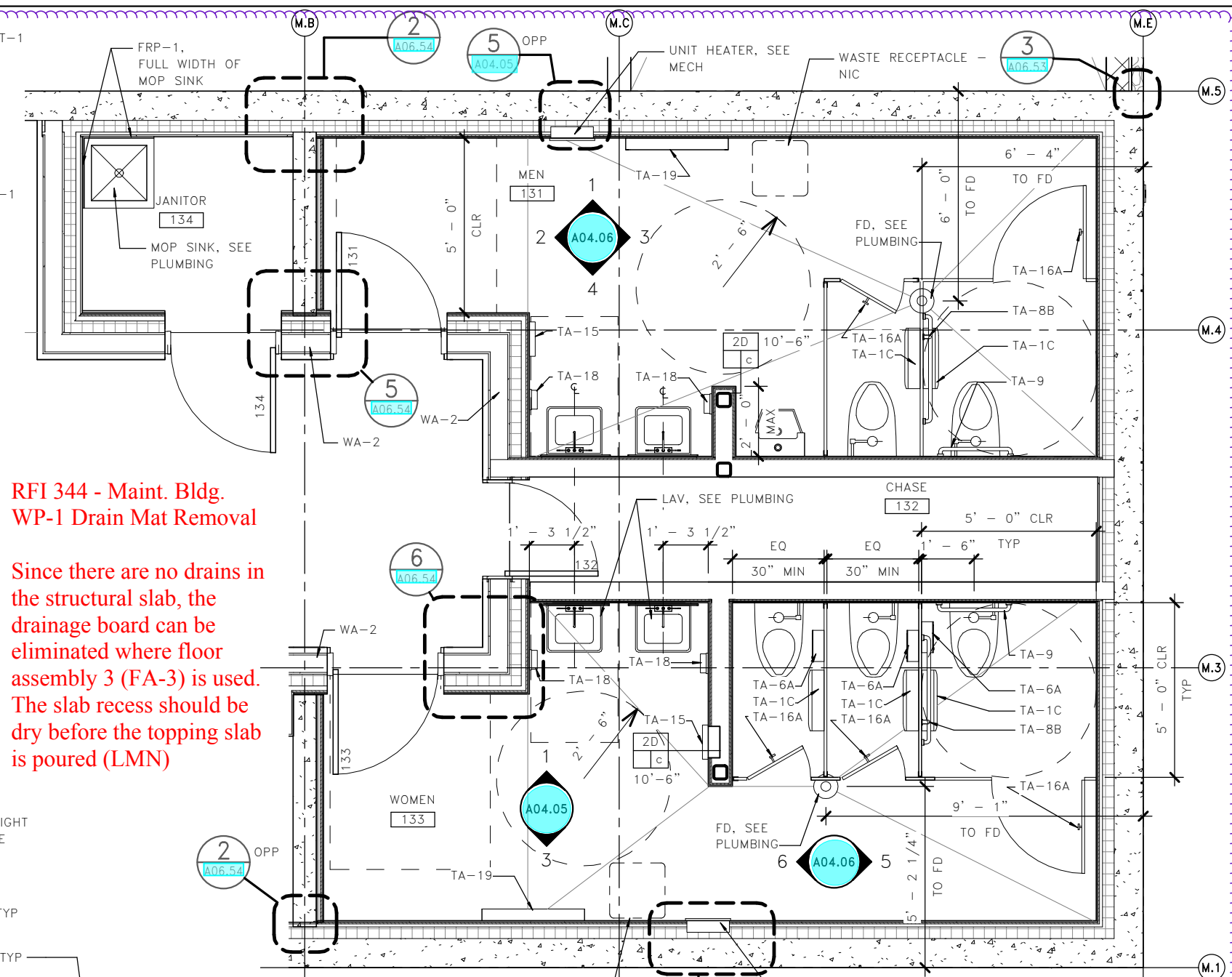
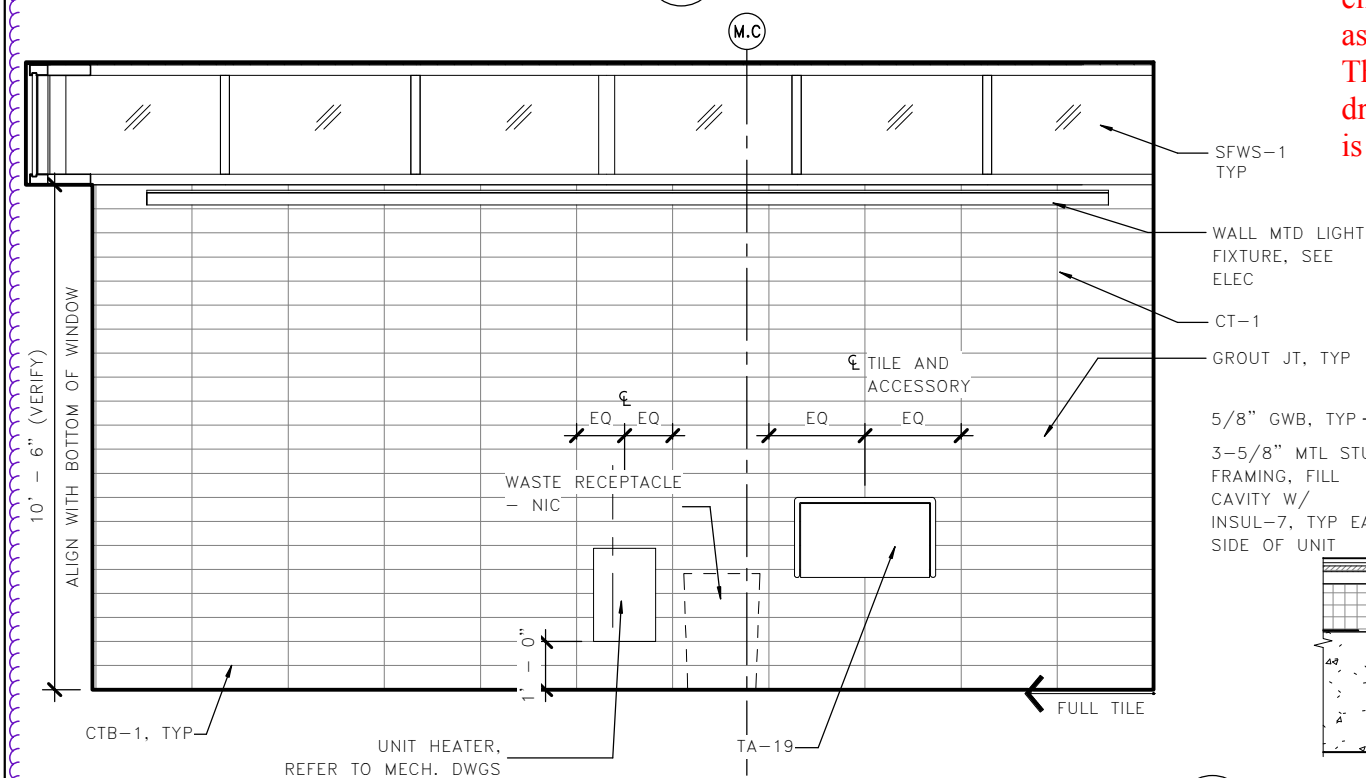
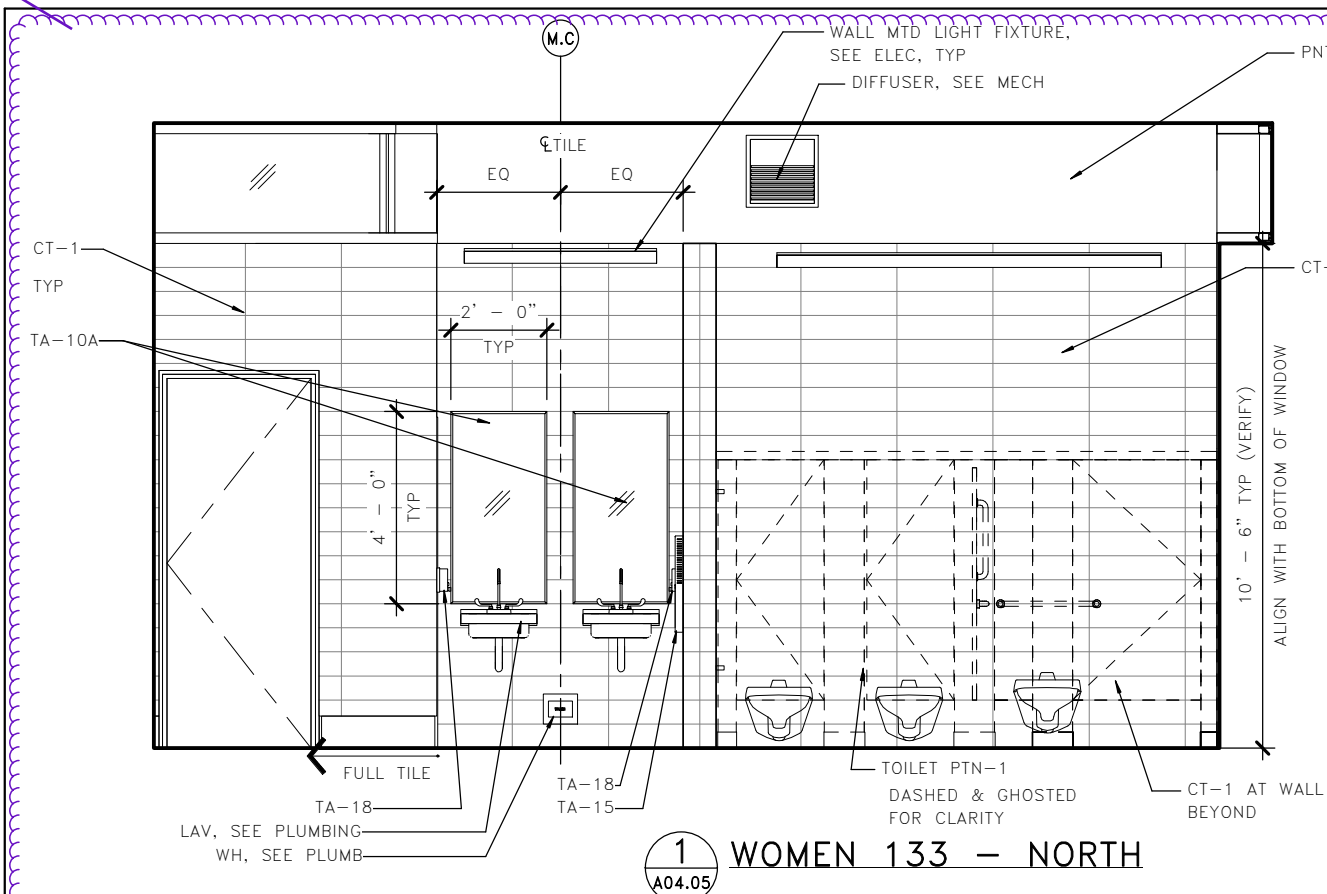
1 WOMEN 206 - SOUTH
A04.04

Confirmed that wall hydrants are to
be locking box style and cold water
only.

2 WOMEN 206 - WEST
A04.04

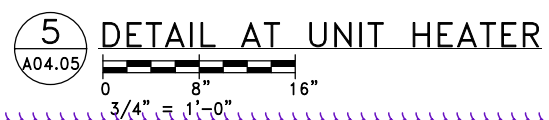


FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt										4472 REGISTERED ARCHITECT WALT W. NIEHOFF JR. STATE OF WASHINGTON 01/18/19 DATE		 Washington State Department of Transportation WASHINGTON STATE FERRIES		SR 525		A04.04	
PRINTED: 1/16/2019 2:00:18 PM		LAST PRINTED BY: MGREENSHIELDS		FED.AID PROJ.NO.		WA-2017-007-00		MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION						SHEET 924 OF 1521 SHEETS			
SUBMITTAL DATE: 01/18/2019		DESIGNED BY: H. FITZPATRICK		01/18/2019		01/18/2019		REGION NO. 10 STATE WA				TERMINAL - RESTROOM ELEVATIONS					
ENTERED BY: G. BISHOP		CHECKED BY: M. FISHER		01/18/2019		01/18/2019		JOB NUMBER 18W121									
MAR PROJ ENGR: C. TORRES		DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS		01/18/19		CONTRACT NO. 00****		DATE		BY					
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RFI 344 - Maint. Bldg.
WP-1 Drain Mat Removal

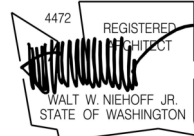
Since there are no drains in the structural slab, the drainage board can be eliminated where floor assembly 3 (FA-3) is used. The slab recess should be dry before the topping slab is poured (LMN)



NOTES:
1. SEE A04.08 FOR TYPICAL MOUNTING HEIGHTS & TOILET ACCESSORY LEGEND

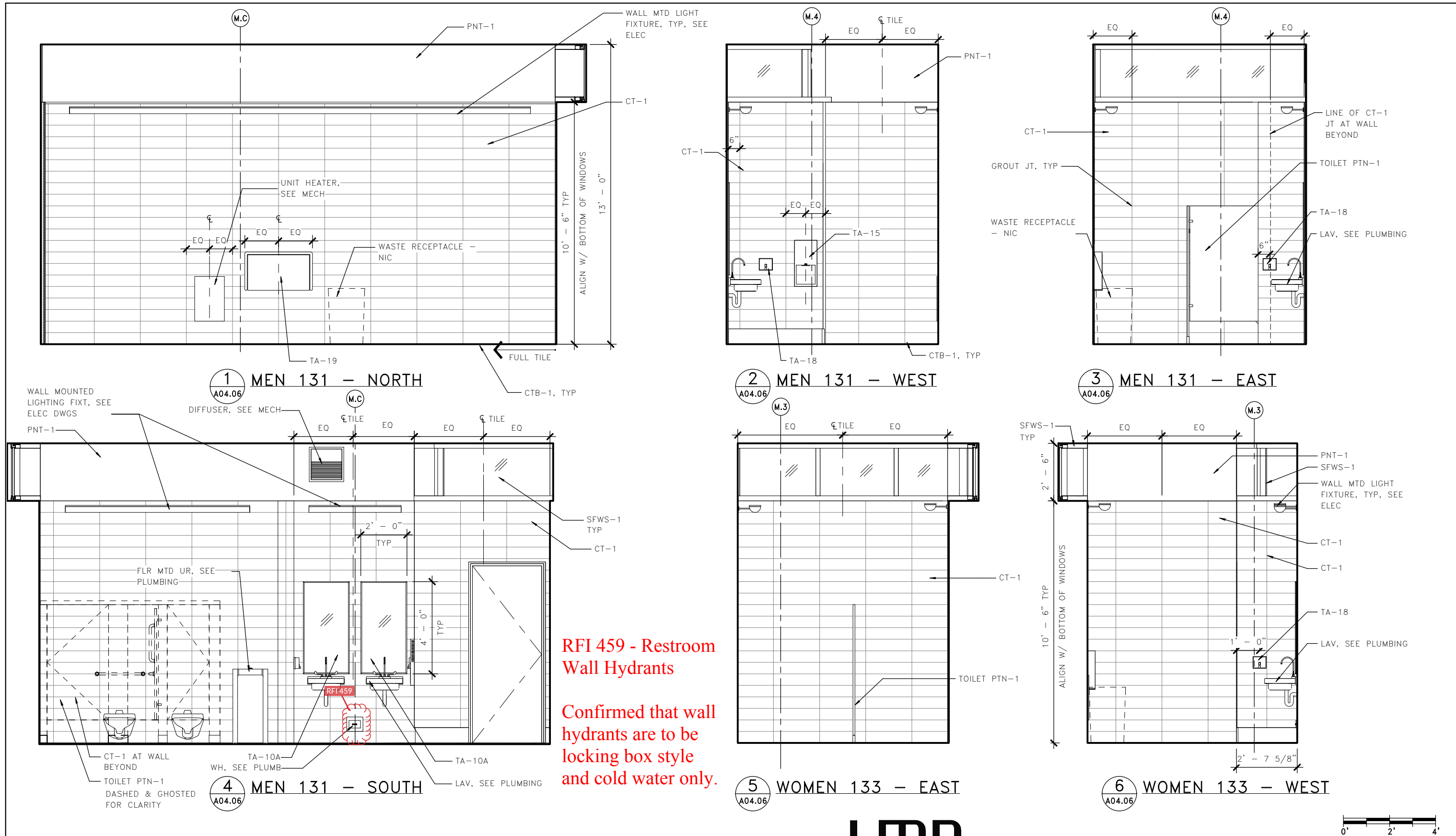
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CHECKED BY:	M. FISHER
MAR PROJ ENGR:	C. TORRES
DGN ENGR MNGR:	N. MCINTOSH
ASST SECRETARY:	A. SCARTON

FED.AID PROJ.NO.	WA-2017-007-00
REGION NO.	10
STATE	WA
JOB NUMBER	18W121
CONTRACT NO.	00****
CONFORMED PLANS	01/18/19
REVISION	DATE BY



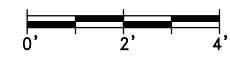
SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
MAINTENANCE-RESTROOMS PLANS & ELEV



A04.05
SHEET
925
OF
1521
SHEETS



RFI 459 - Restroom
Wall Hydrants

Confirmed that wall
hydrants are to be
locking box style
and cold water only.



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SUBMITTAL DATE: 01/18/2019				WA-2017-007-00					
DESIGNED BY: H. FITZPATRICK		01/18/2019		REGION NO. 10		STATE WA		<div><div>Washington State Department of Transportation WASHINGTON STATE FERRIES</div></div>	
ENTERED BY: G. BISHOP		01/18/2019		JOB NUMBER 18W121					
CHECKED BY: M. FISHER		01/18/2019		CONTRACT NO. 00****		<div>SR 525</div> <div>MUKILTEO FERRY TERMINAL (PHASE 2)</div> <div>FERRY TERMINAL CONSTRUCTION</div> <div>MAINTENANCE – RESTROOM ELEVATIONS</div>			
MAR PROJ ENGR: C. TORRES				CONFORMED PLANS 01/18/19					
DGN ENGR MNGR: N. MCINTOSH				REVISION					
ASST SECRETARY: A. SCARTON				DATE BY:					
SHEET 926 OF 1521 SHEETS									

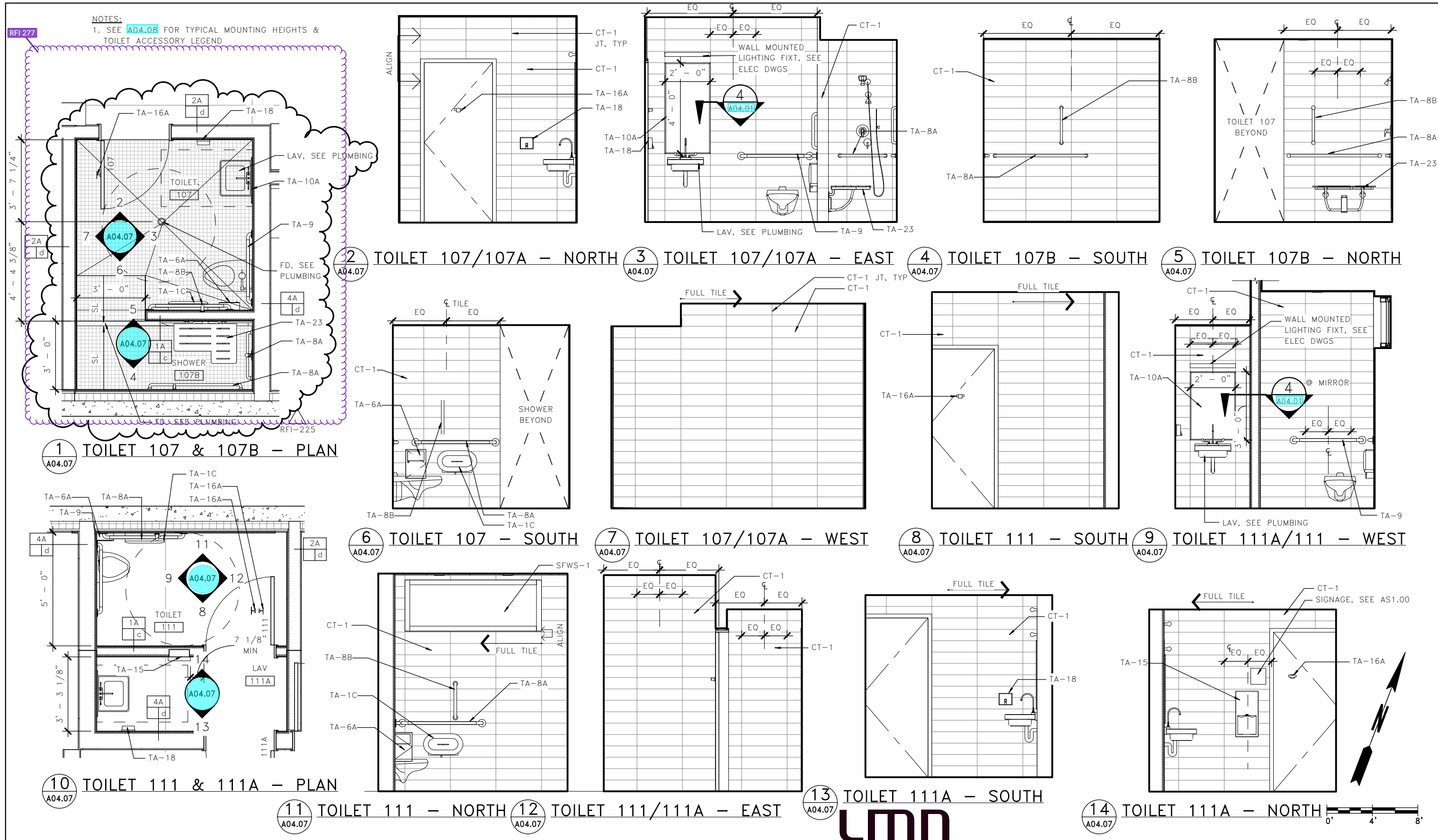
RFI 277 - Shower Trench Drain



1. Per sheets P05.00 and P06.00, submitted as part of RFI-225, shower trench drain is FD-4. See additional clarification on attached sheet that no drain runs along east wall.

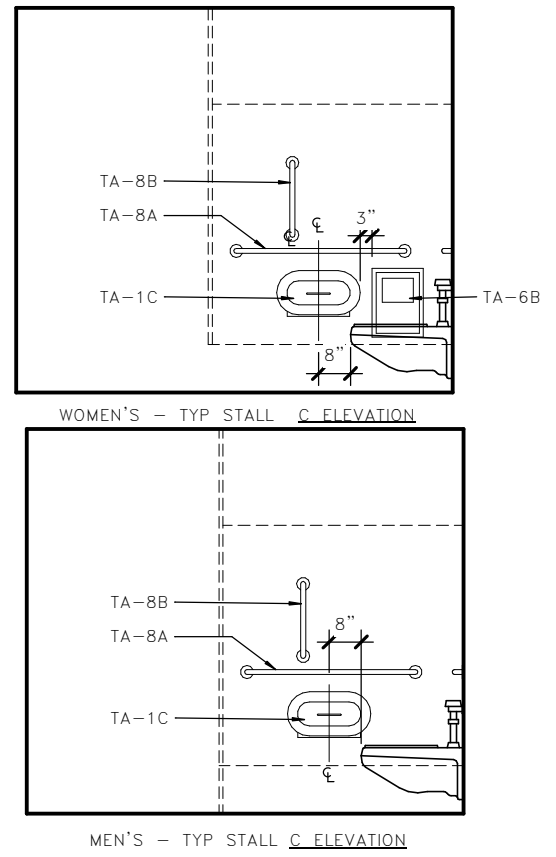
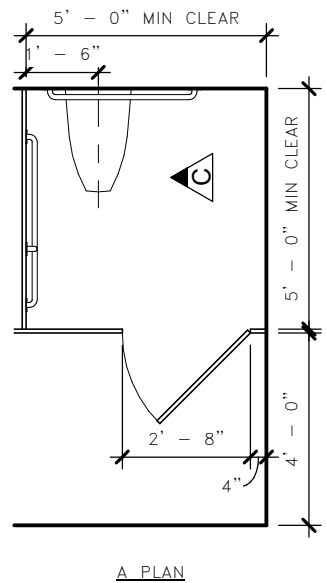
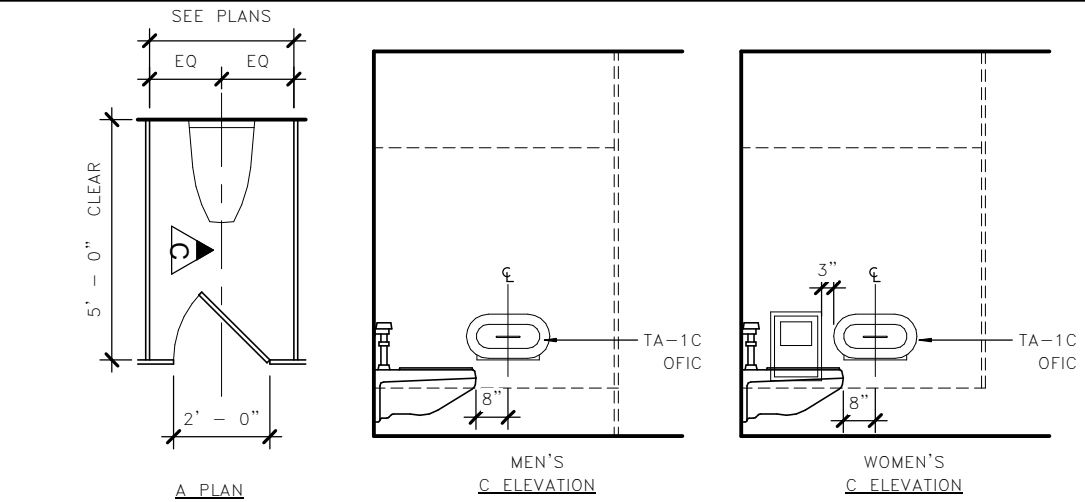
RFI 225 - Floor Types and Elevations

FA-2 - Add insulation to get top of slab elevation of 40'-7 1/2"

FA-2 - Slope topping slab for drainage, minimum concrete topping slab should be no less than 3" thick.
FA-4 - Do not taper insulation
FA-1 - Keep 6" of insulation. Eliminate the 2" recess at Toilet 107 and Shower 107B and slope topping to drain per revised A01.02 and 1/AD04.07. See Plumbing P05.00 and P06.00 for updated drain information to coordinate w/ tile specification.

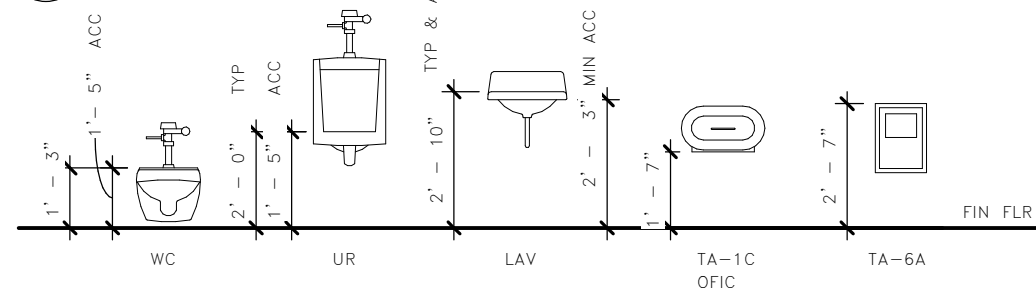


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ENTERED BY: G. BISHOP		01/18/2019		JOB NUMBER 18W121		DATE 01/18/19		OF SHEETS								
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MAR PROJ ENGR: C. TORRES		RFI-225 07/23/19														
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ASST SECRETARY: A. SCARTON		REVISION		DATE BY:												

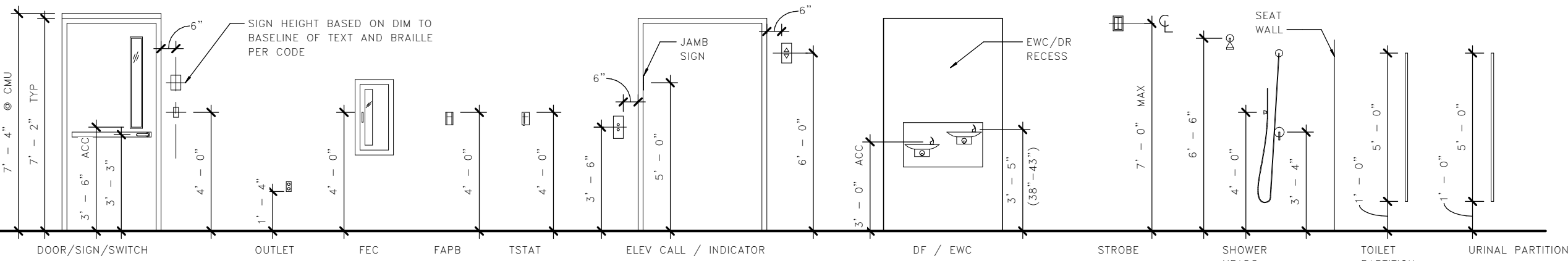
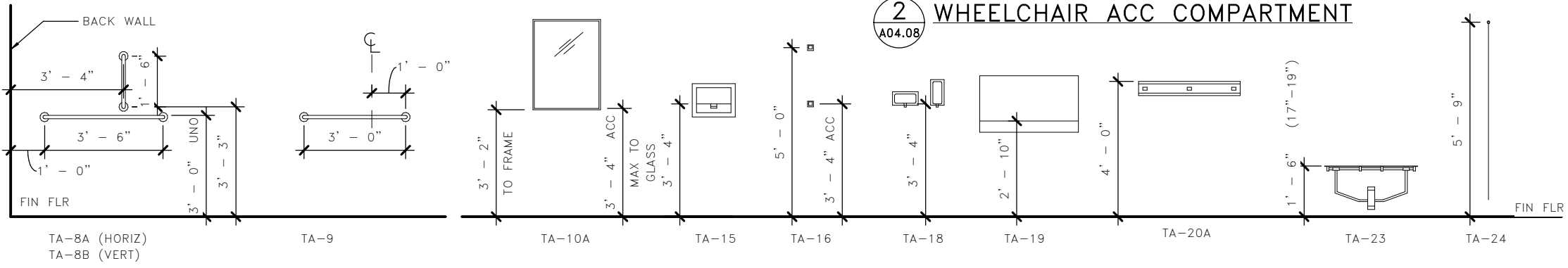


TOILET ACCESSORIES LEGEND	
ACCESSORY	DESCRIPTION
TA-1A	NOT USED
TA-1B	NOT USED
TA-1C	TWIN JUMBO TOILET TISSUE DISPENSER - FOIC
TA-3	NOT USED
TA-4	NOT USED
TA-5	NOT USED
TA-6A	SANITARY NAPKIN DISPOSAL - SURFACE
TA-6B	NOT USED
TA-7A	NOT USED
TA-7B	NOT USED
TA-7C	NOT USED
TA-8A	GRAB BAR SIDE MTD - HORIZ
TA-8B	GRAB BAR SIDE MTD - VERT
TA-9	GRAB BAR REAR MTD
TA-10A	FRAMED MIRROR
TA-11	NOT USED
TA-12	NOT USED
TA-13	NOT USED
TA-14	WASTE RECEPTACLE FLOOR MTD - FOIC
TA-15	HAND DRYER - RECESSED
TA-16	COAT/ROBE HOOK
TA-17	NOT USED
TA-18	SOAP DISPENSER - WALL MTD @ LAVATORY
TA-19	BABY CHANGING STATION
TA-20A	A- MOP HOLDER
TA-21	NOT USED
TA-22	NOT USED
TA-23	FOLDING SHOWER SEAT
TA-24	SHOWER CURTAIN
TA-25	SHOWER RODS AND HOOKS
TA-26	SHOWER GRAB BAR

1 TYPICAL COMPARTMENT



2 WHEELCHAIR ACC COMPARTMENT



NOTES
1. FIXTURES AND ACCESSORIES SHOWN ARE GENERIC FOR ALL PROJECTS, REFER TO PLANS, DETAILS, AND SPECIFICATIONS FOR PROJECT REQUIREMENTS.
2. ACC = ACCESSIBLE

3 TYPICAL MOUNTING HEIGHTS



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01/18/19

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BY

FED.AID PROJ.NO.

WA-2017-007-00

REGION NO. 10

STATE WA

JOB NUMBER 18W121

CONTRACT NO. 00****

DATE

DATE

4472 REGISTERED ARCHITECT WALT W. NIEHOFF JR. STATE OF WASHINGTON

01/18/19

Washington State Department of Transportation WASHINGTON STATE FERRIES

SR 525 MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION

TOILET ACCESSORIES

A04.08

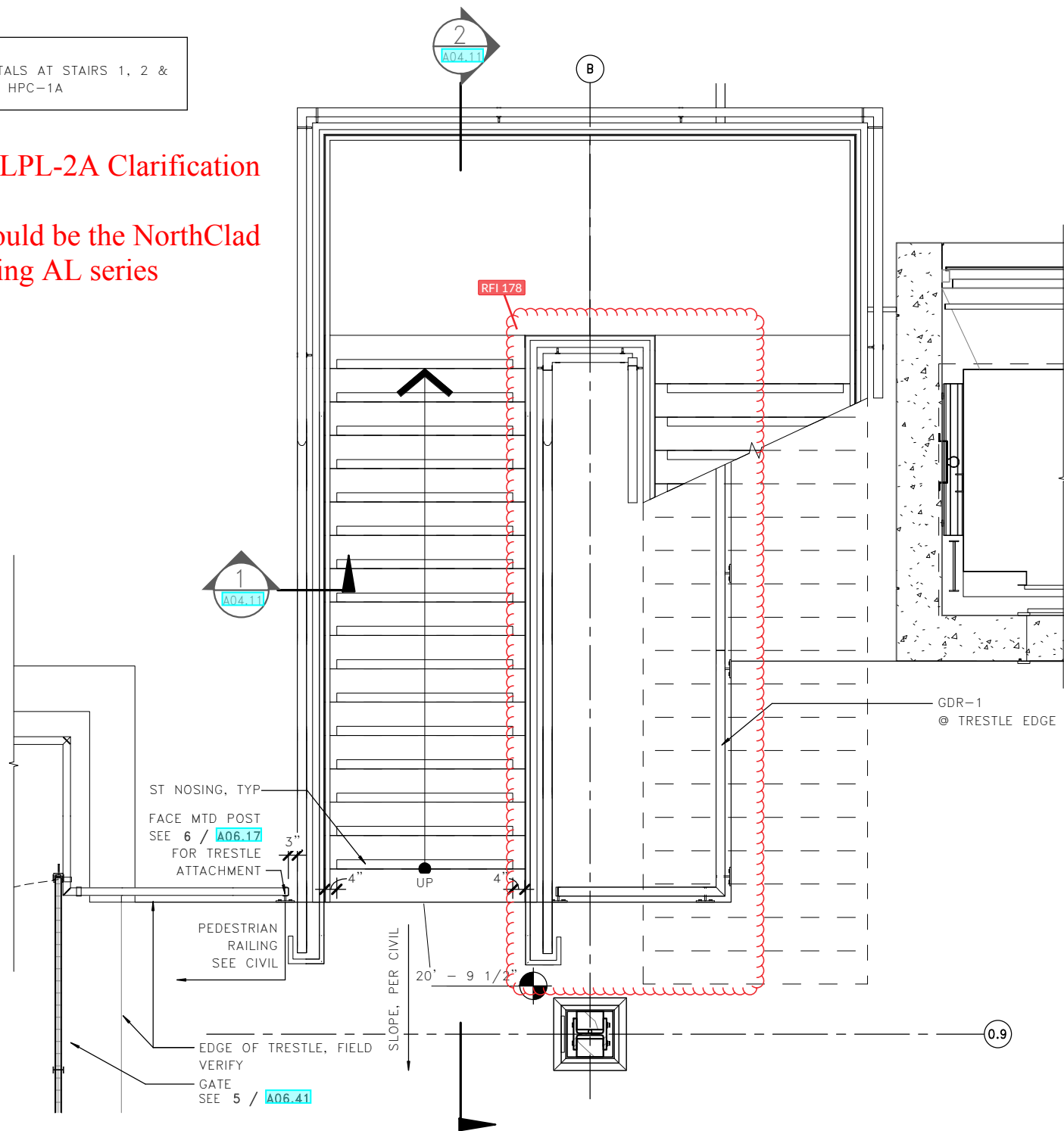
SHEET 928 OF 1521 SHEETS

NOTE:
ALL EXPOSED METALS AT STAIRS 1, 2 &
3 SHALL RECEIVE HPC-1A

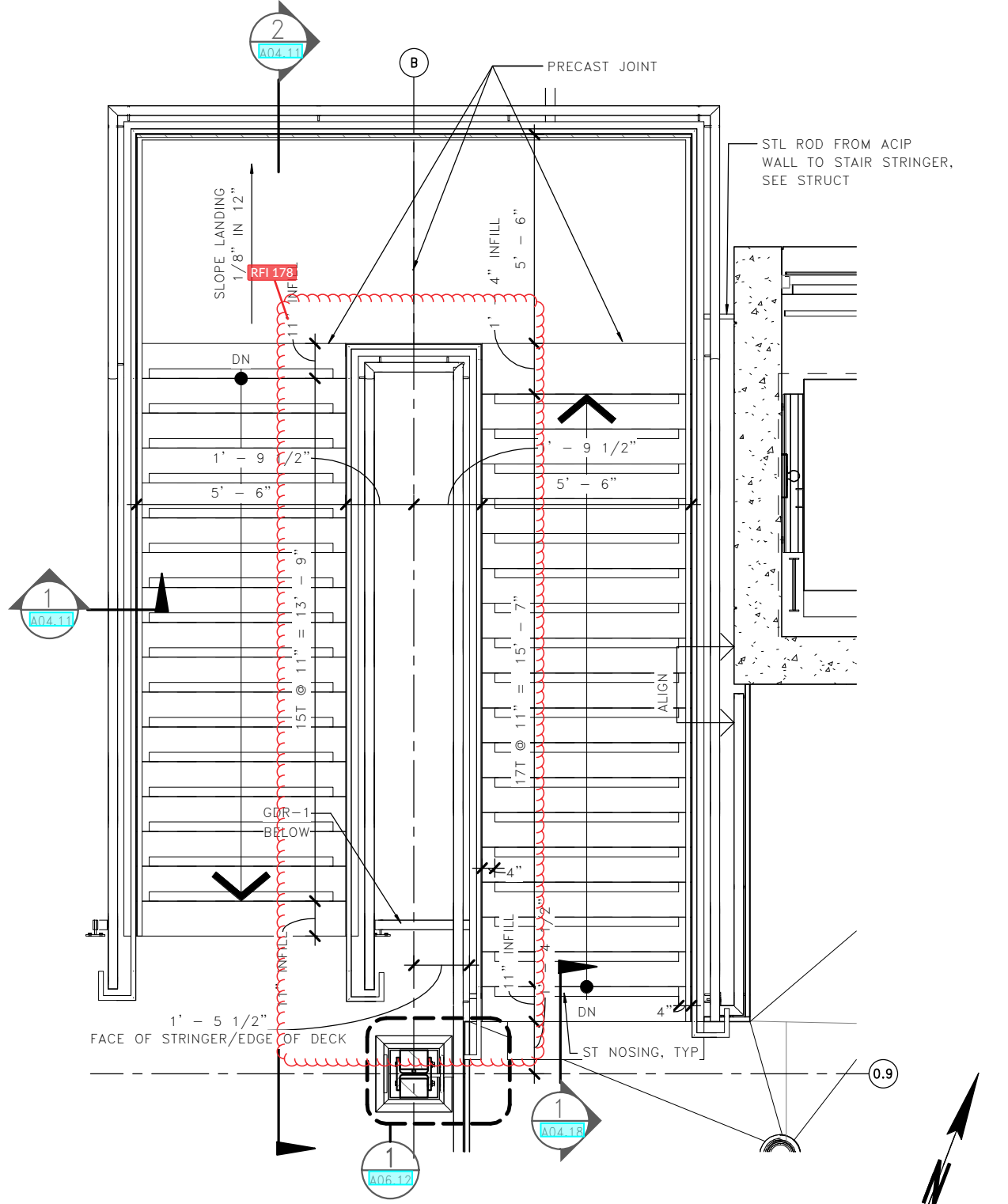
RFI 178 - MTLPL-2A Clarification

MTLP-2A should be the NorthClad
dual interlocking AL series

1
P00.02

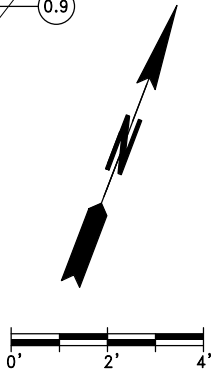


1 STAIR 1 - LEVEL 1
A04.10



2 STAIR 1 - LEVEL 2
A04.10

LMN



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MAR PROJ ENGR: C. TORRES					18W121	
DGN ENGR MNGR: N. MCINTOSH					CONTRACT NO.	
ASST SECRETARY: A. SCARTON					00****	
CONFORMED PLANS			01/18/19			
REVISION			DATE	BY		

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ARCHITECT
WALT W. NIEHOFF JR.
STATE OF WASHINGTON

01/18/19
DATE

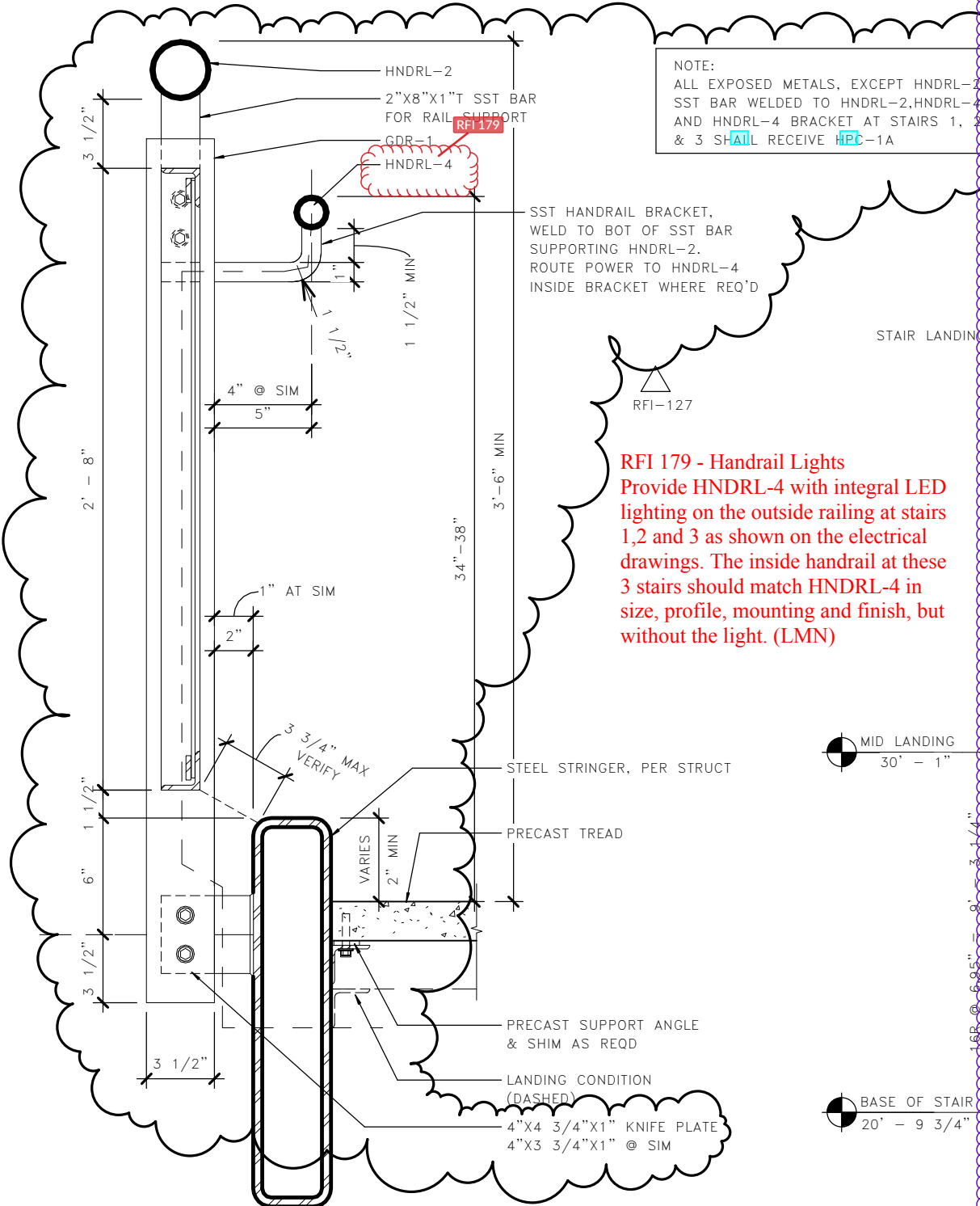


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - STAIR 1 PLANS

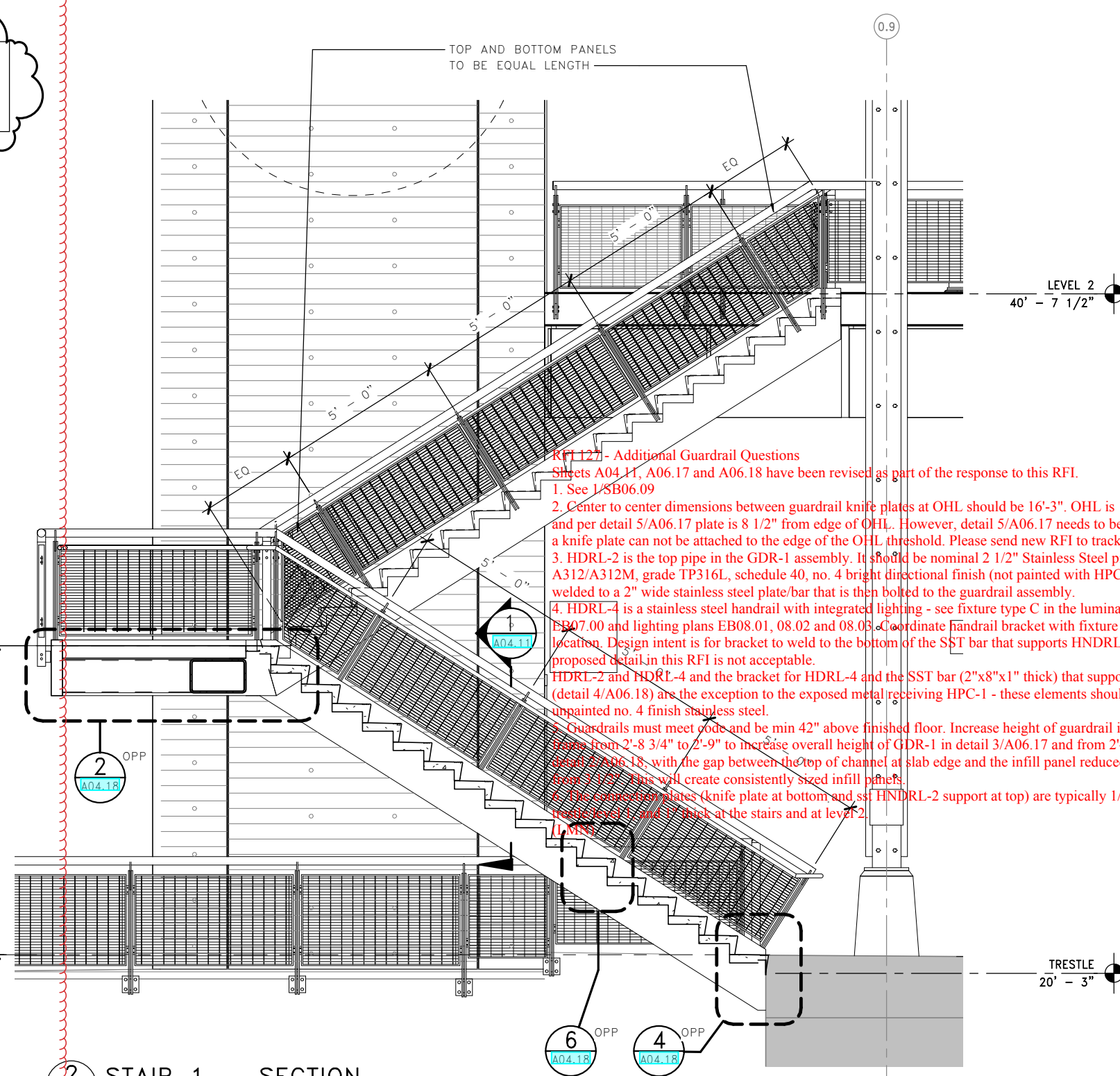
A04.10
SHEET
929
OF
1521
SHEETS

RFI 127

RFI 127



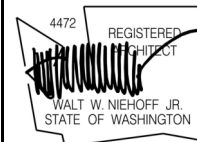
1 GUARDRAIL DETAIL @ STAIR
A04.11
0 1 1/2" 4" 8"
1 1/2" = 1'-0"



2 STAIR 1 - SECTION
A04.11
0 1 1/4" 2 4"
1 1/4" = 1'-0"

LMN

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CHECKED BY:	M. FISHER	01/18/2019			10 WA
MAR PROJ ENGR:	C. TORRES		RFI-127	05/14/19	JOB NUMBER
DGN ENGR MNGR:	N. MCINTOSH		CONFORMED PLANS	01/18/19	18W121
ASST SECRETARY:	A. SCARTON		REVISION	DATE	CONTRACT NO.
				BY	00****



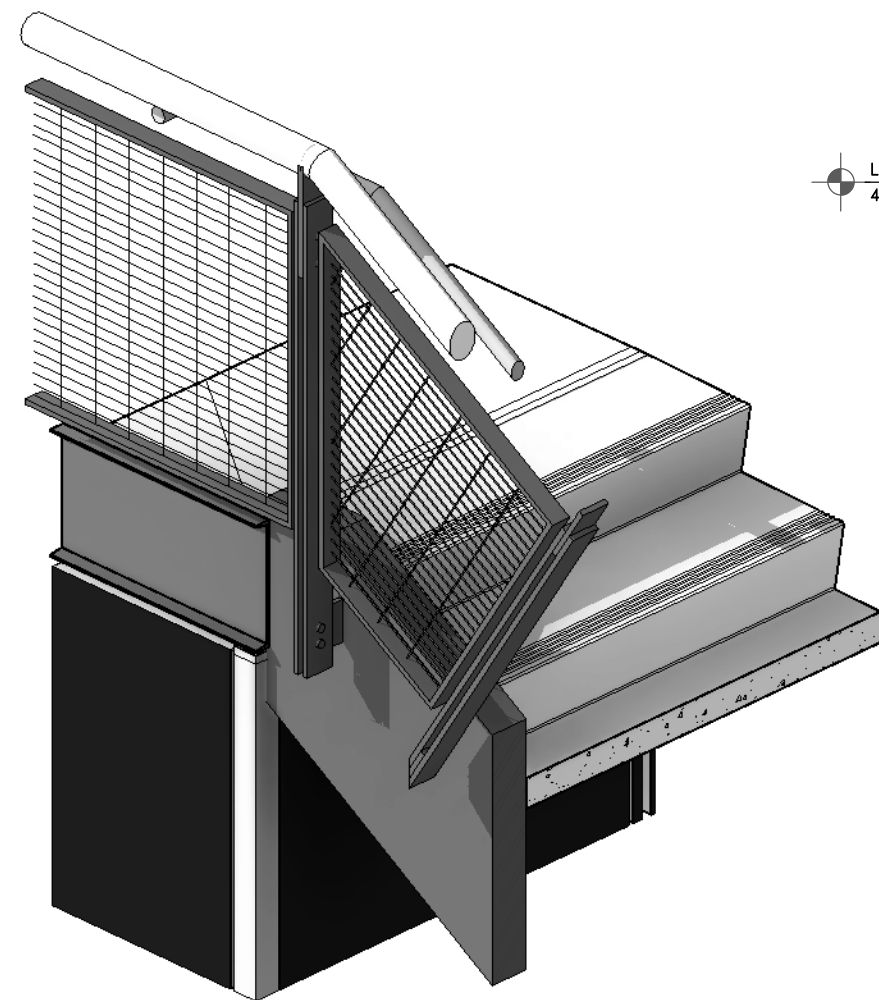
01/18/19



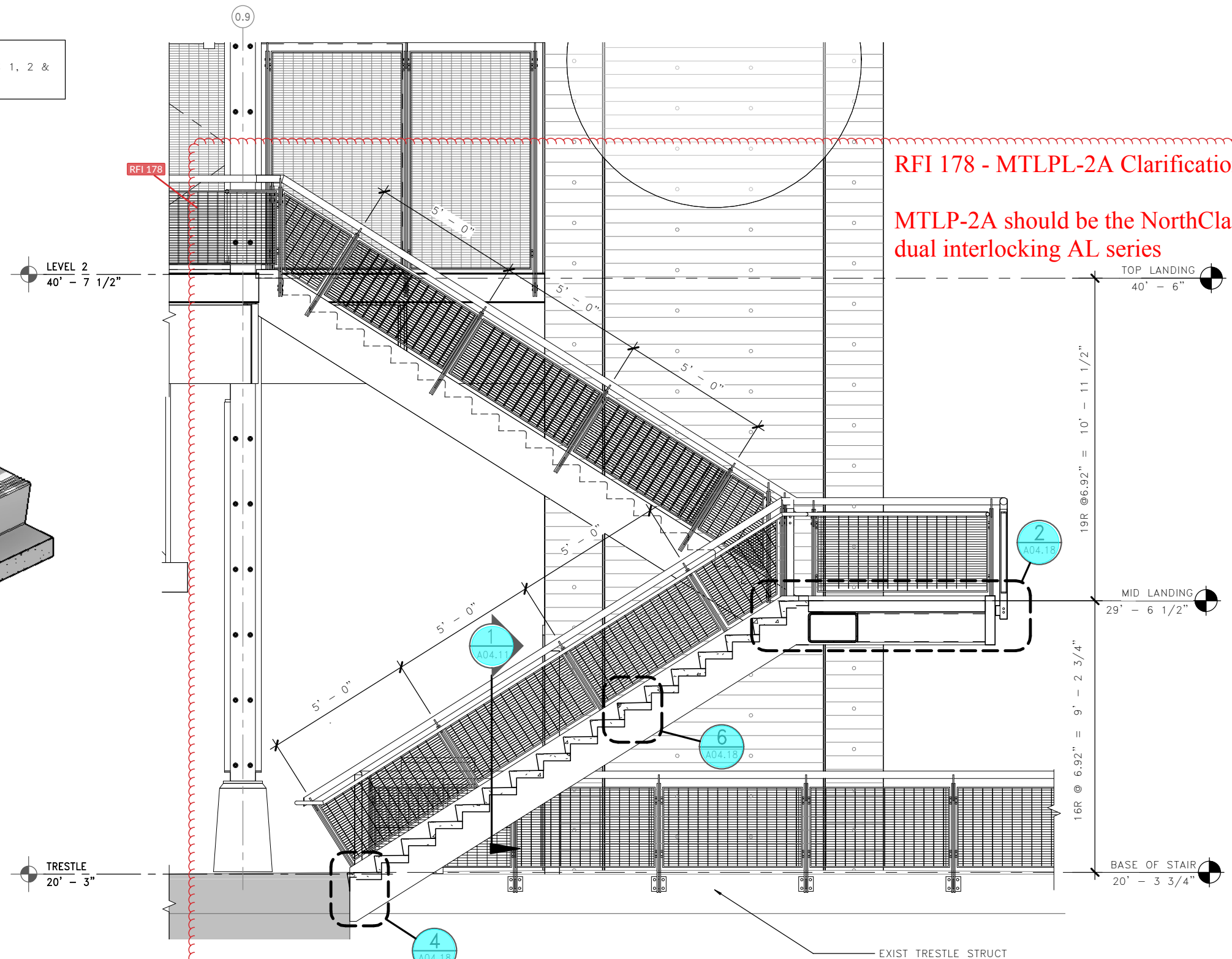
SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - STAIR 1 SECTIONS

A04.11
SHEET
OF
SHEETS

NOTE:
ALL EXPOSED METALS AT STAIRS 1, 2 &
3 SHALL RECEIVE HPC-1A



1 STAIR 2 – OUTSIDE CORNER DIAGRAM
A04.13



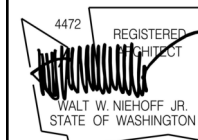
RFI 178 - MTLPL-2A Clarification

MTLP-2A should be the NorthClad
dual interlocking AL series

2 STAIR 2 – SECTION
A04.13
1/4" = 1'-0"

LMN

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DGN ENGR MNGR: N. MCINTOSH				CONTRACT NO.	
ASST SECRETARY: A. SCARTON				00****	
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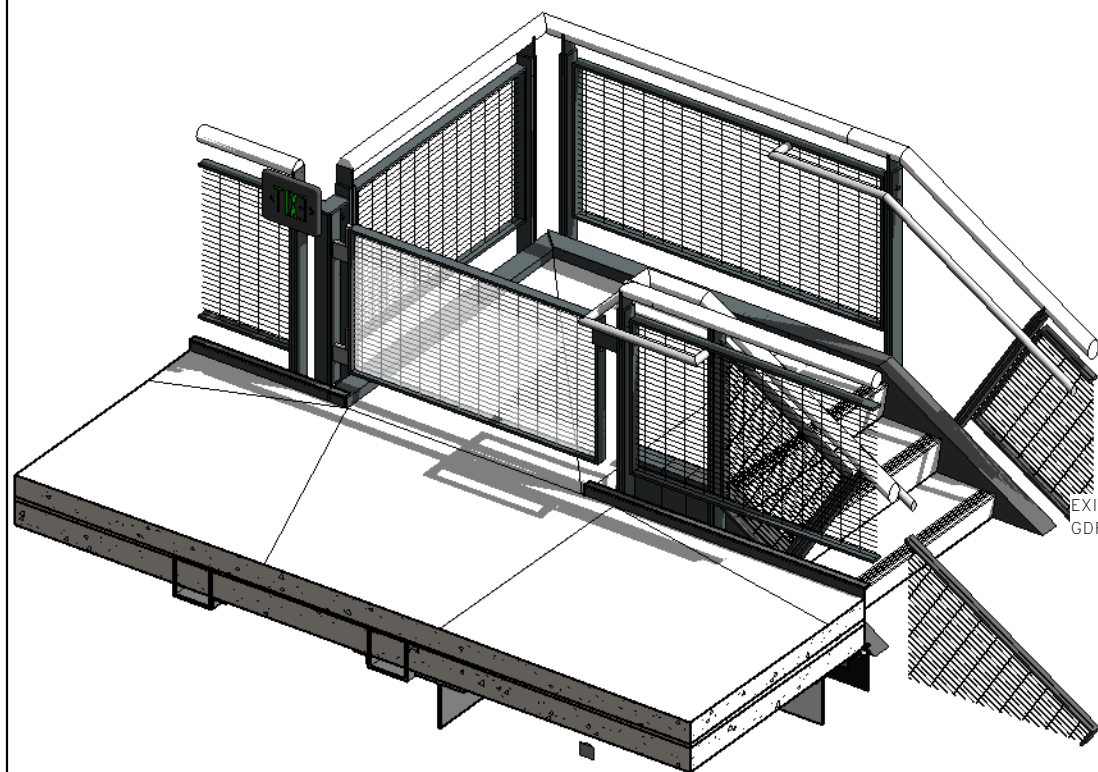


01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL – STAIR 2 SECTIONS

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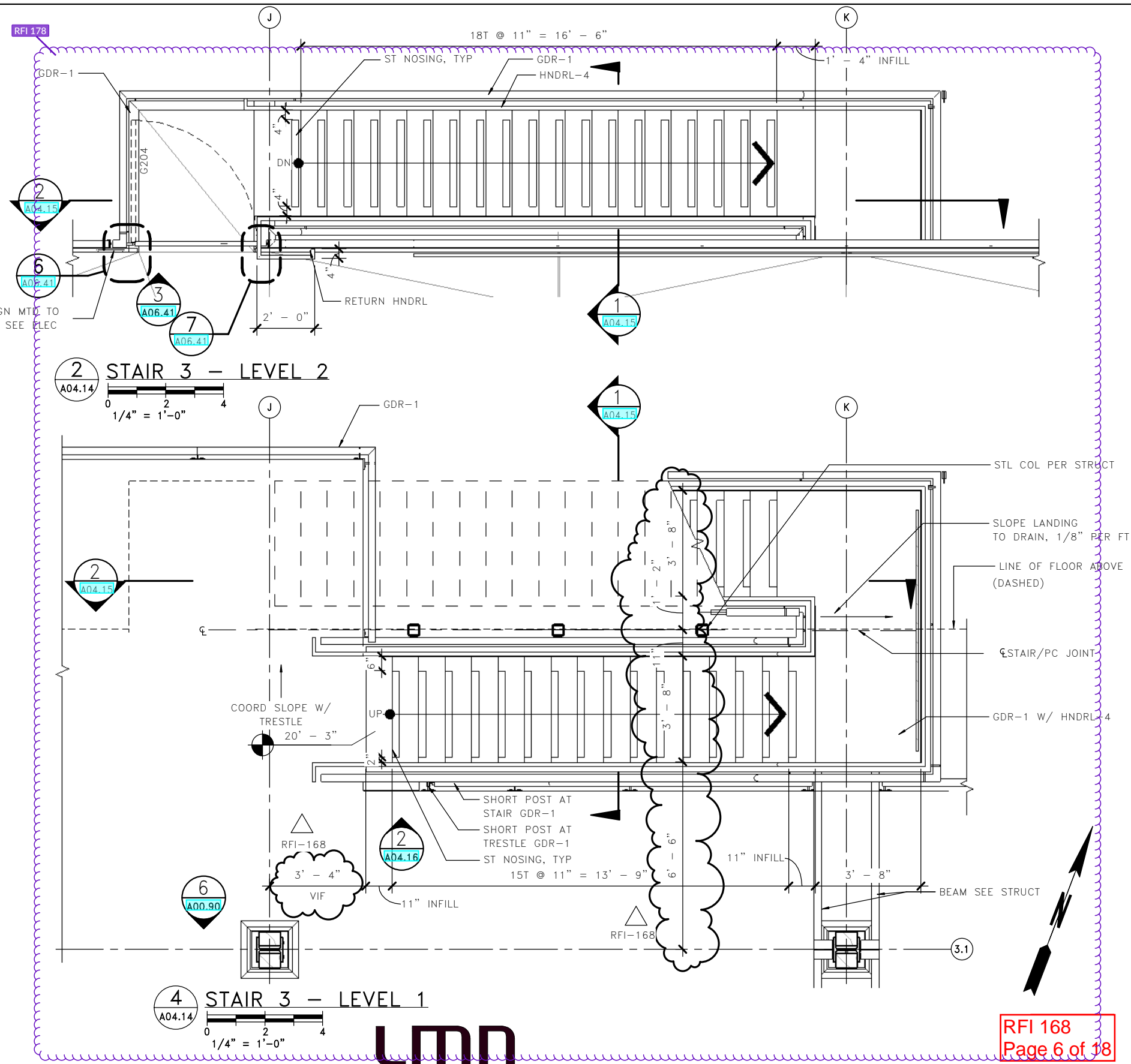


1 STAIR 3 GATE G204 DIAGRAM
A04.14

NOTE:
ALL EXPOSED METALS, EXCEPT HNDRL-2,
SST BAR WELDED TO HNDRL-2, HNDRL-4,
AND HNDRL-4 BRACKET AT STAIRS 1, 2
& 3 SHALL RECEIVE HPC-1A

RFI 178 - MTLPL-2A Clarification

MTLP-2A should be the NorthClad
dual interlocking AL series



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DGN ENGR MNGR: N. MCINTOSH

ASST SECRETARY: A. SCARTON

05/30/19

01/18/19

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BY

CONFORMED PLANS

REVISION

RFI 168

RFI-168

CONFORMED PLANS

REVISION

05/30/19

01/18/19

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WA-2017-007-00

REGION NO.

10

STATE

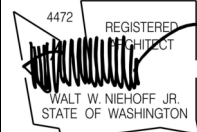
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JOB NUMBER

18W121

CONTRACT NO.

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01/18/19

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SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - STAIR 3 PLANS

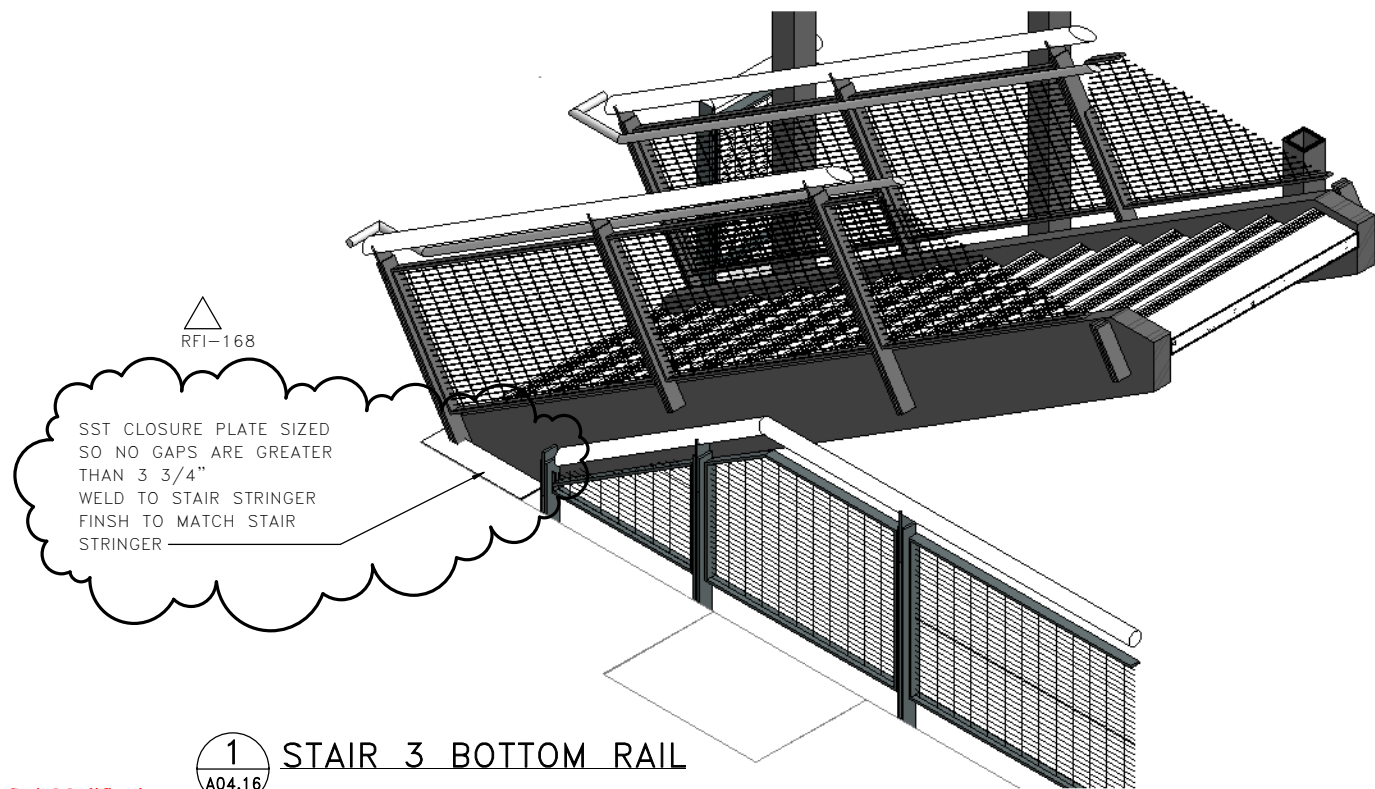
A04.14

SHEET

OF

SHEETS

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SUBMITTAL DATE: 01/18/2019		MGREENSHIELDS						10		WA		18W121		00****																																													
DESIGNED BY: H. FITZPATRICK		01/18/2019																																																									
ENTERED BY: G. BISHOP		01/18/2019																																																									
CHECKED BY: M. FISHER		01/18/2019																																																									
MAR PROJ ENGR: C. TORRES																																																											
DGN ENGR MNGR: N. MCINTOSH				CONFORMED PLANS		01/18/19																																																					
ASST SECRETARY: A. SCARTON				REVISION		DATE		BY																																																			



1 STAIR 3 BOTTOM RAIL
A04.16

RFI 168 - Stair Modification

For clarification, it appears that there is a typo in the question above and that it should read: "we have discovered that all three stairs in the terminal building do NOT match from the planned steel to the existing knife plates;" it appears the word "not" was missing.

RFI039 addressed the stairs misalignment issues at Stairs 1 and 2 on the building by adjusting the landing dimensions; Stair No. 3 was not discussed in that RFI. It appears that those revisions did not resolve the trestle as-built construction conditions at Stairs No. 1 and 2.

On 5/28/29 and 5/29/19, the design team requested dimensions to help us identify how much the stairs would need to move; we were unable to use the model and drawing information provided to us to derive those dimensions.

We were unsuccessful in obtaining the necessary dimensions from the steel detailer, so our response is based on scaling dimensions from the drawings provided. Since we were scaling dimensions from the information provided, we cannot be completely confident that we have provided correct dimensions.

The Contractor will need to field verify all dimensions, and confirm that all revisions will satisfy the construction tolerances and as-built conditions. This field verification should include both the horizontal and vertical locations of the plates--it appears that the vertical elevations have not yet been verified.

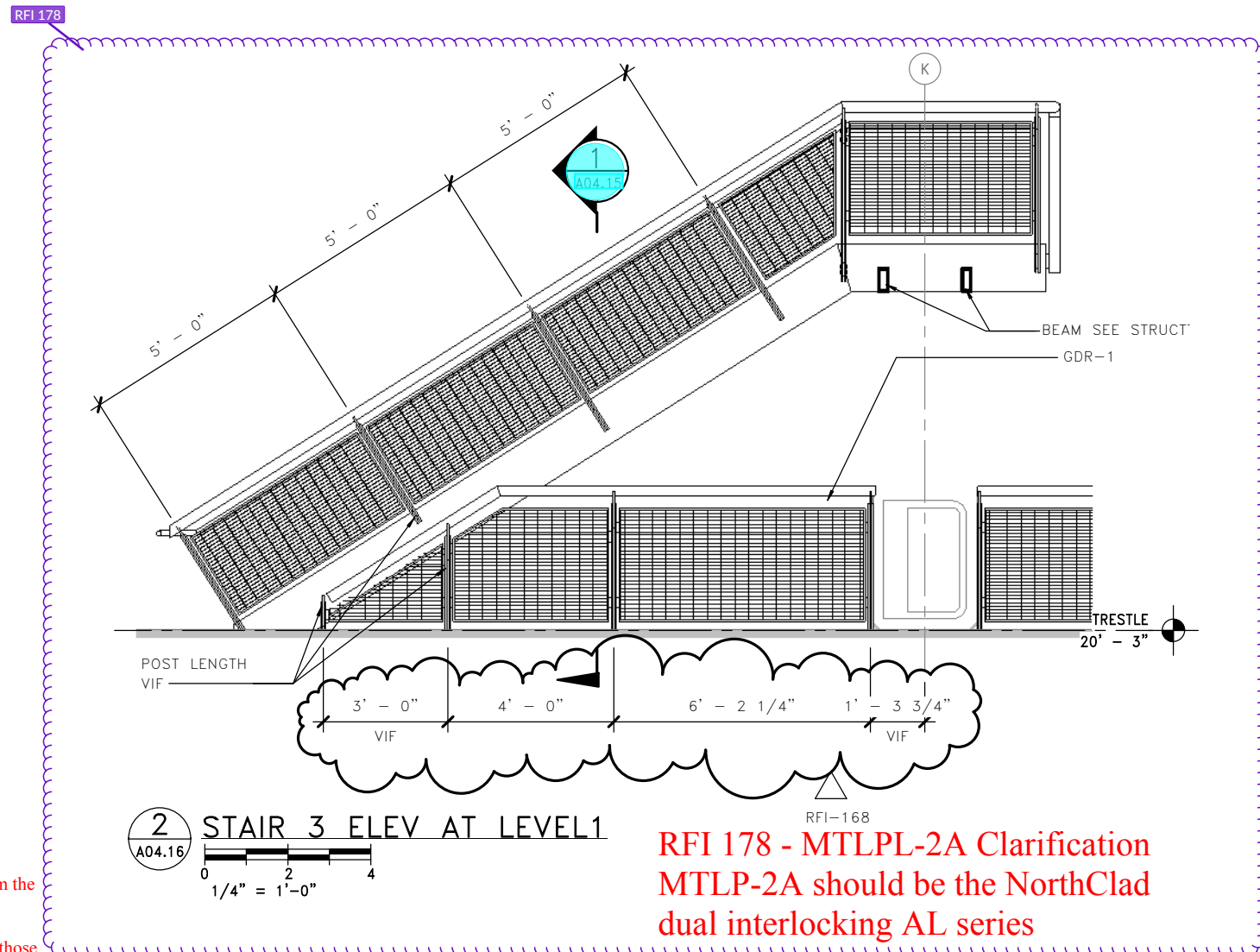
Please note:

1. The contractor needs to verify existing knife plates allow for erection tolerances.
2. The contractor needs to verify existing knife plate location in the vertical plane and notify engineer if incorrect.
3. The contractor needs to verify assumed dimensions for trestle edge locations. These dimensions were requested as discussed above but were not available to the designer. Assumed dimensions have been scaled from snaps provided and are noted in Red on the following sketches

The following provides responses for each of the stairs:

Stair 1:

1. Move entire stair 2-1/4" to the north based on the scaled dimension on the attached Stair No. 1 Detail 1.
2. Since the stair is moving north, the last tread at the top of the stairs must get longer by the same dimension (2 1/4") where it connects to the second floor (see 1/A04.18).
3. Shift the lower run to the east by 5/8" to allow the stairs to fit within the existing knife plates from dimensions shown in the snap Stair No. 1 Detail 1. Decrease east/west width of landing by 5/8". Upper run remains unmoved.



2 STAIR 3 ELEV AT LEVEL 1
A04.16

RFI 178 - MTLPL-2A Clarification
MTLP-2A should be the NorthClad
dual interlocking AL series

Stair 2:

1. Move entire stair 1" to the north based on the scaled dimension on the attached Stair No. 2 Detail 1.
2. Since the stair is moving north, the last tread at the top of the stairs must get longer by the same dimension (1") where it connects to the second floor (see 1/A04.18).
3. Shift the lower run to the east by 3/16" to allow the stairs to fit within the existing knife plates from dimensions shown in the snap Stair No. 2 Detail 1. Increase east/west width of mid landing by 3/16". Upper run remains unmoved.

Stair-3 :

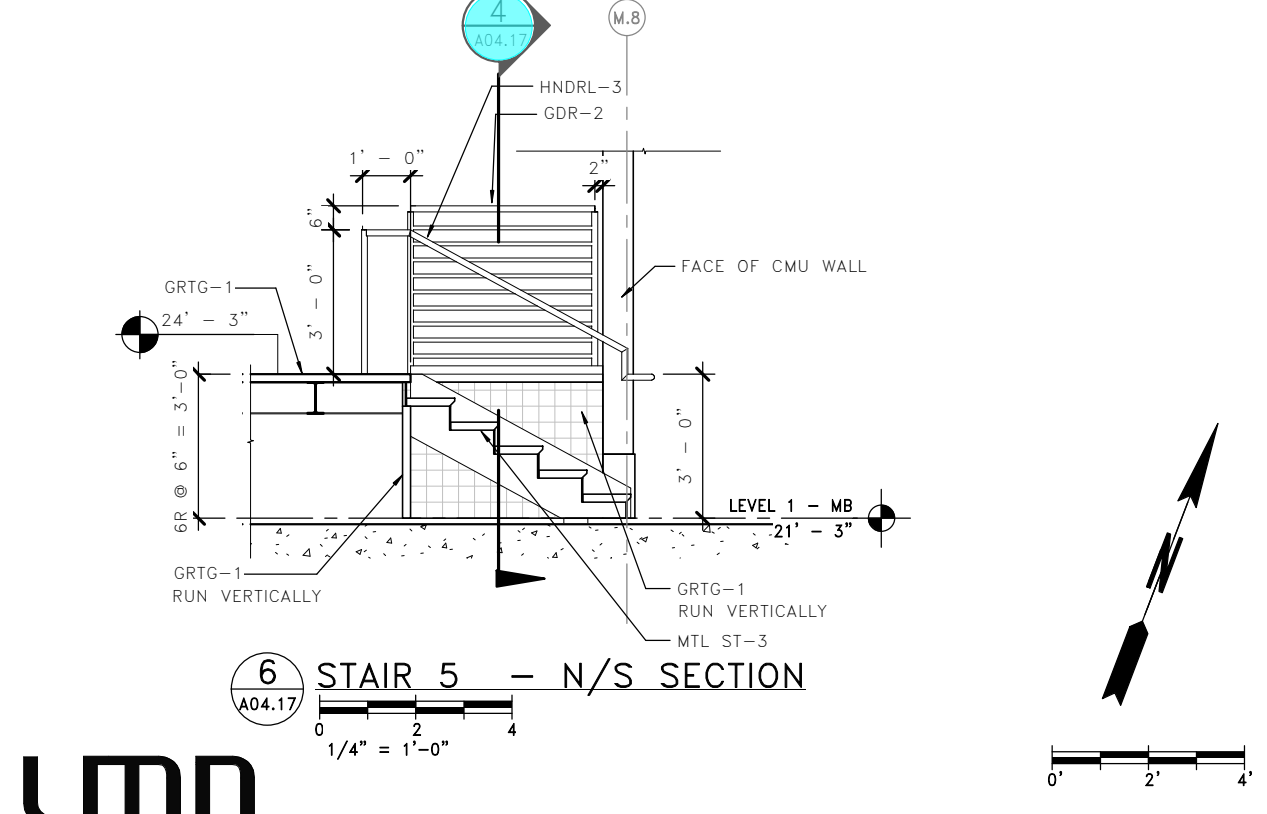
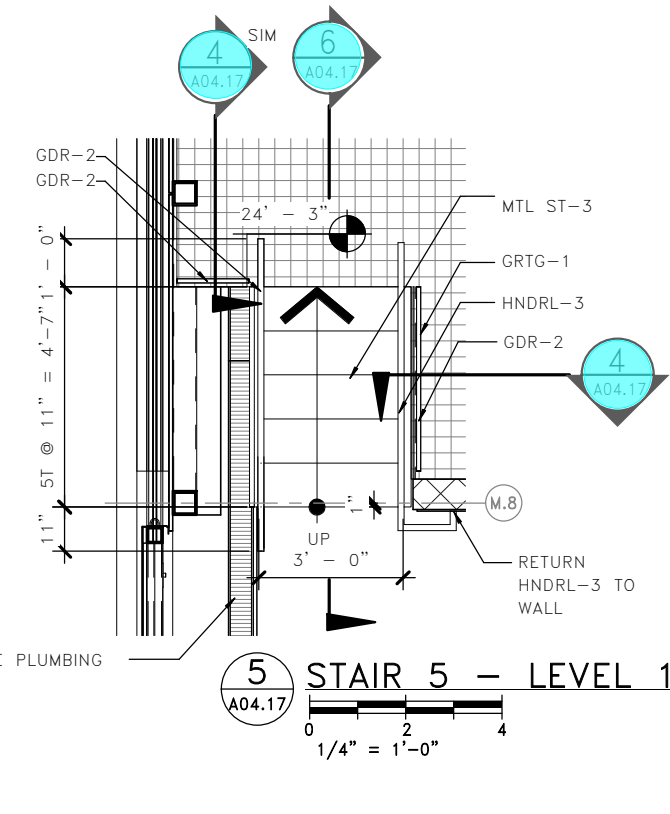
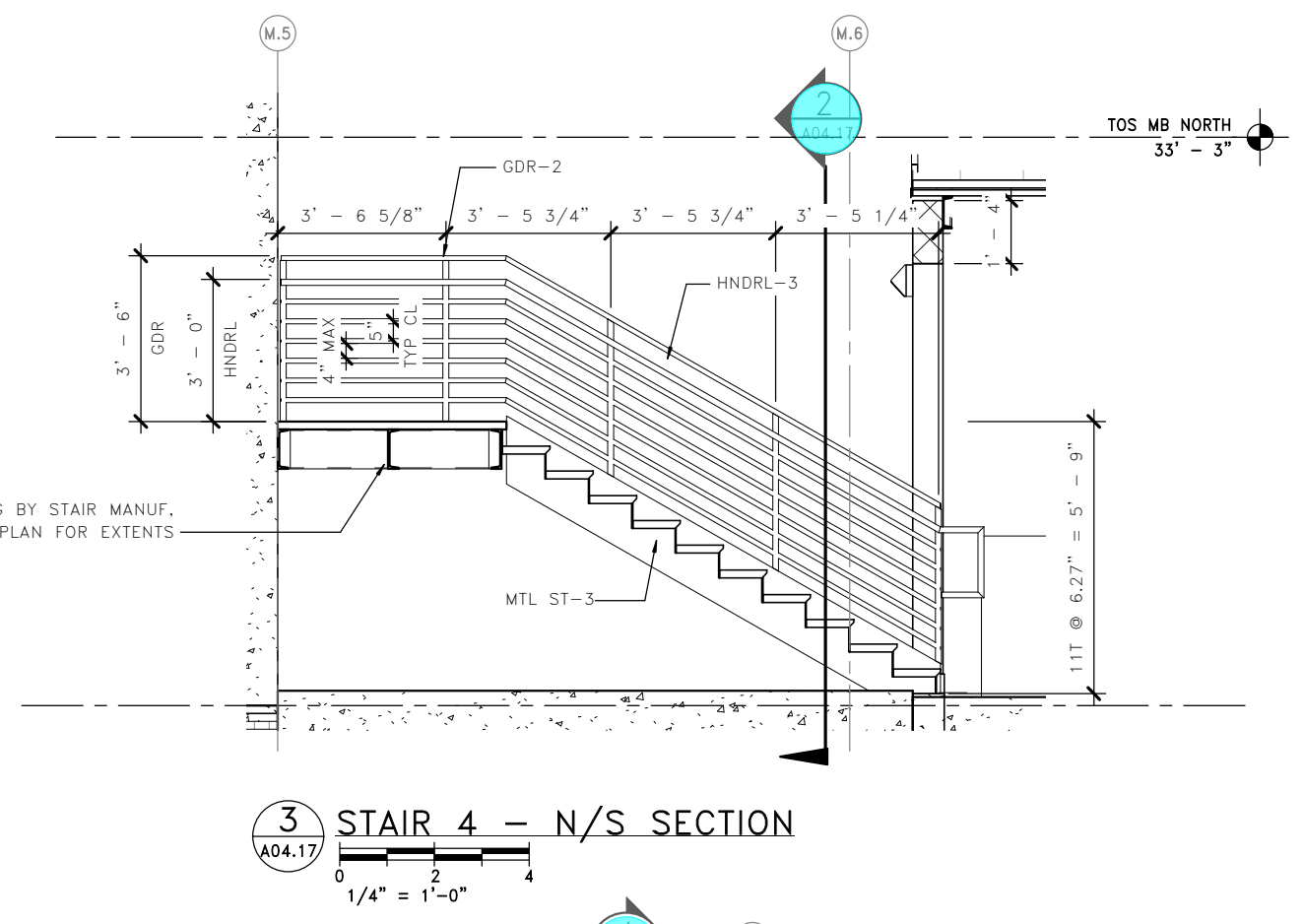
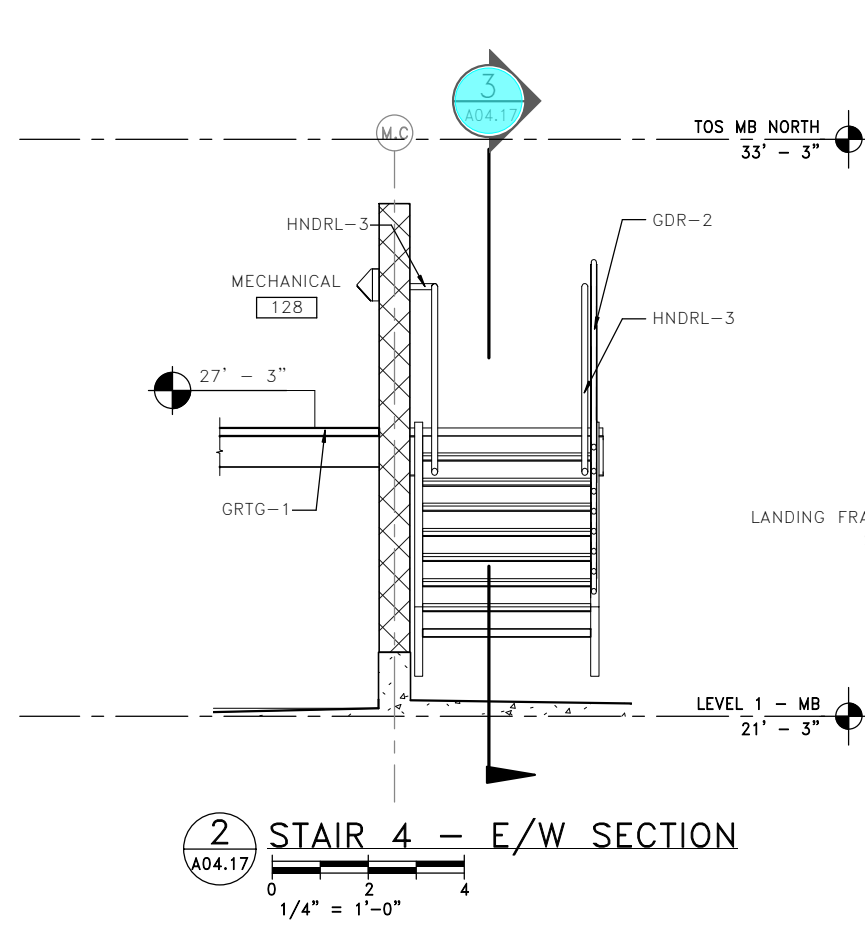
1. Cut off and re-weld knife plates as shown in the following sketches SK-32 & SK-33. The south knife plates will move 4 3/32" south and the north plates should move 4 3/32" north.
2. Move the lower stair run up to the mid-landing 2 5/32" to the north. The upper run of the stair above the mid-landing shall not move, which means the mid landing decreases by 2 5/32" in the north/south direction.
3. Move HSS hangers 2 5/32" north and use detail 8/SB06.32.
4. Because the trestle slab edge was built approximately 1" too far east, the stair will be 1" farther east than shown in the building drawings. This will result in the last tread at the top of the stairs getting longer by the same dimension (1") where it connects to the second floor (see 1/A04.19).



See sheets A04.14, A04.16, A04.18 and A04.19 for clarification of changes.

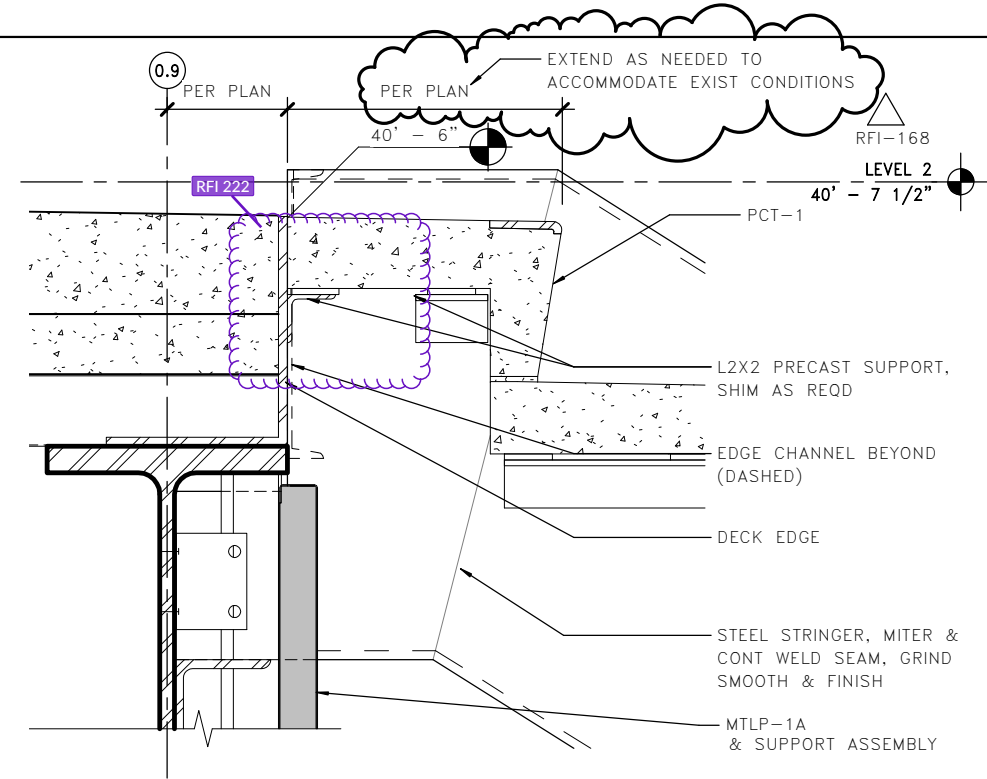
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RFI 168
Page 7 of 18

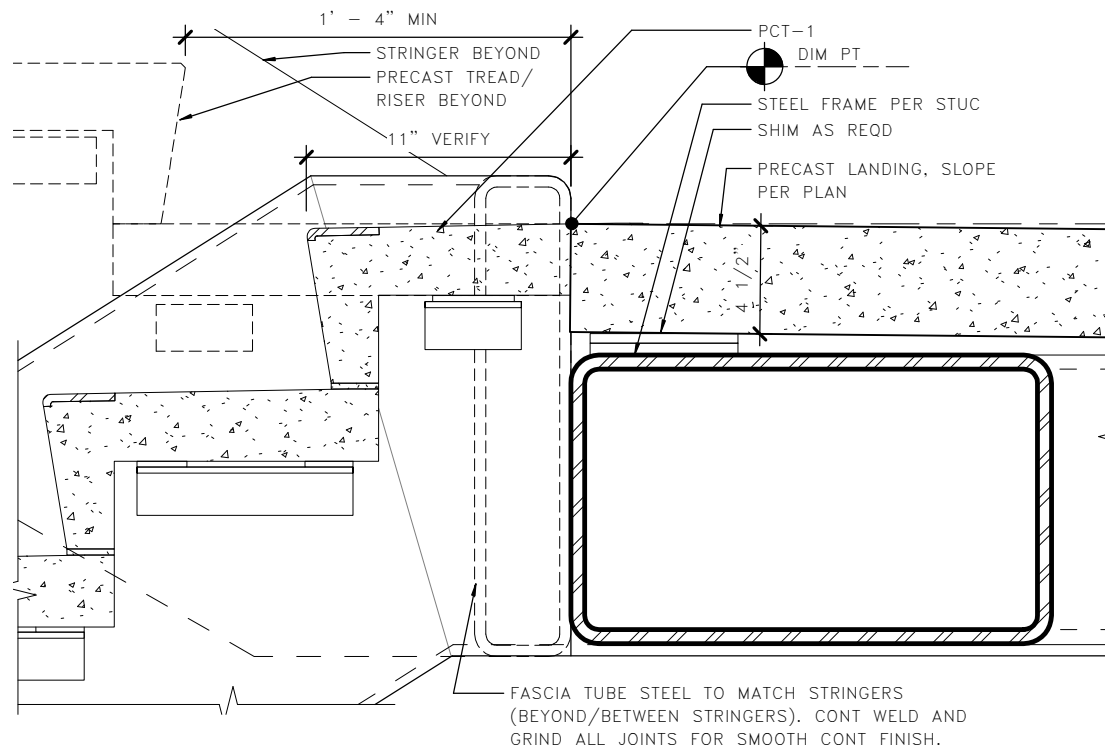
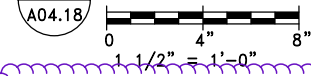
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DESIGNED BY: H. FITZPATRICK		01/18/2019		CONFORMED PLANS		01/18/19		CONTRACT NO. 00****									
ENTERED BY: G. BISHOP		01/18/2019		REVISION		DATE		BY									
CHECKED BY: M. FISHER		01/18/2019															
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DGN ENGR MNGR: N. MCINTOSH																	
ASST SECRETARY: A. SCARTON																	



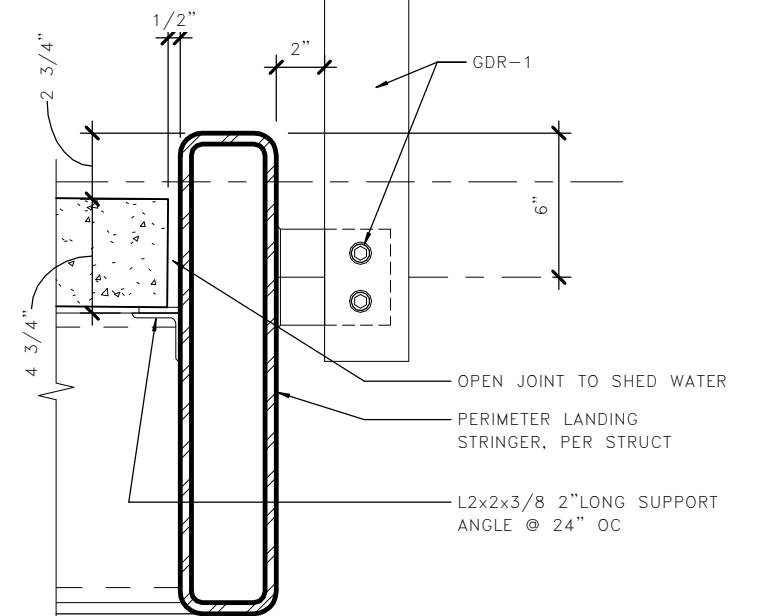
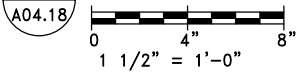
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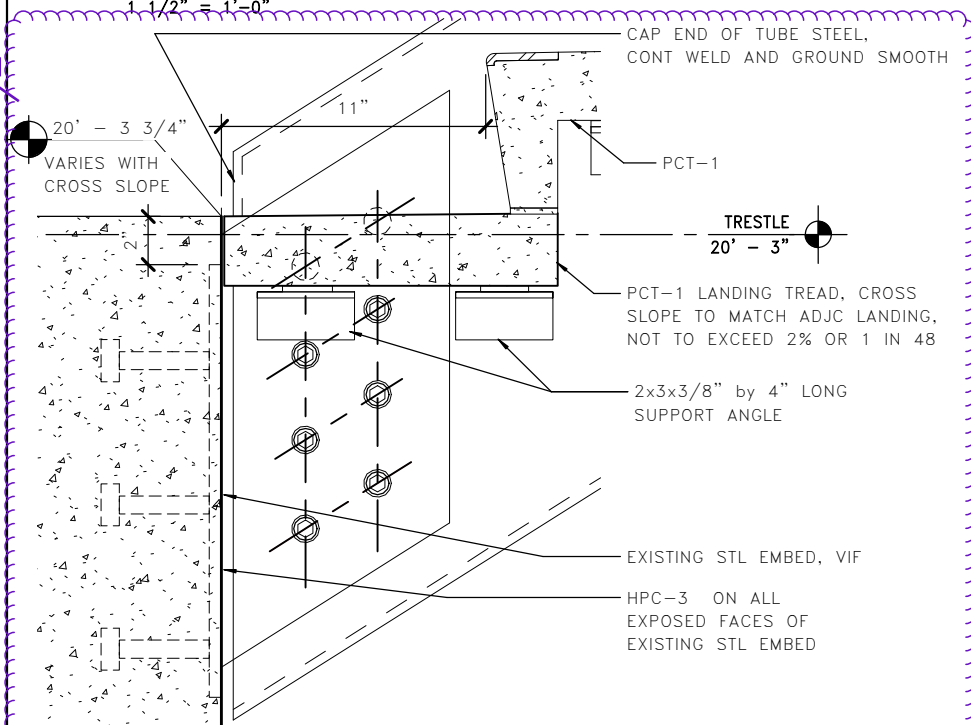
1 STAIR AT TOP LANDING



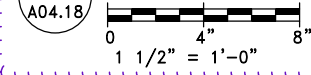
2 STAIR AT LANDING



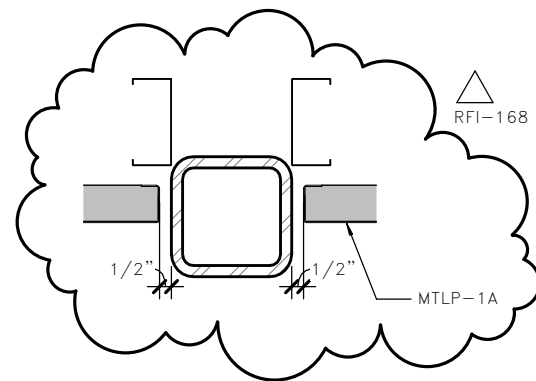
RFI 168



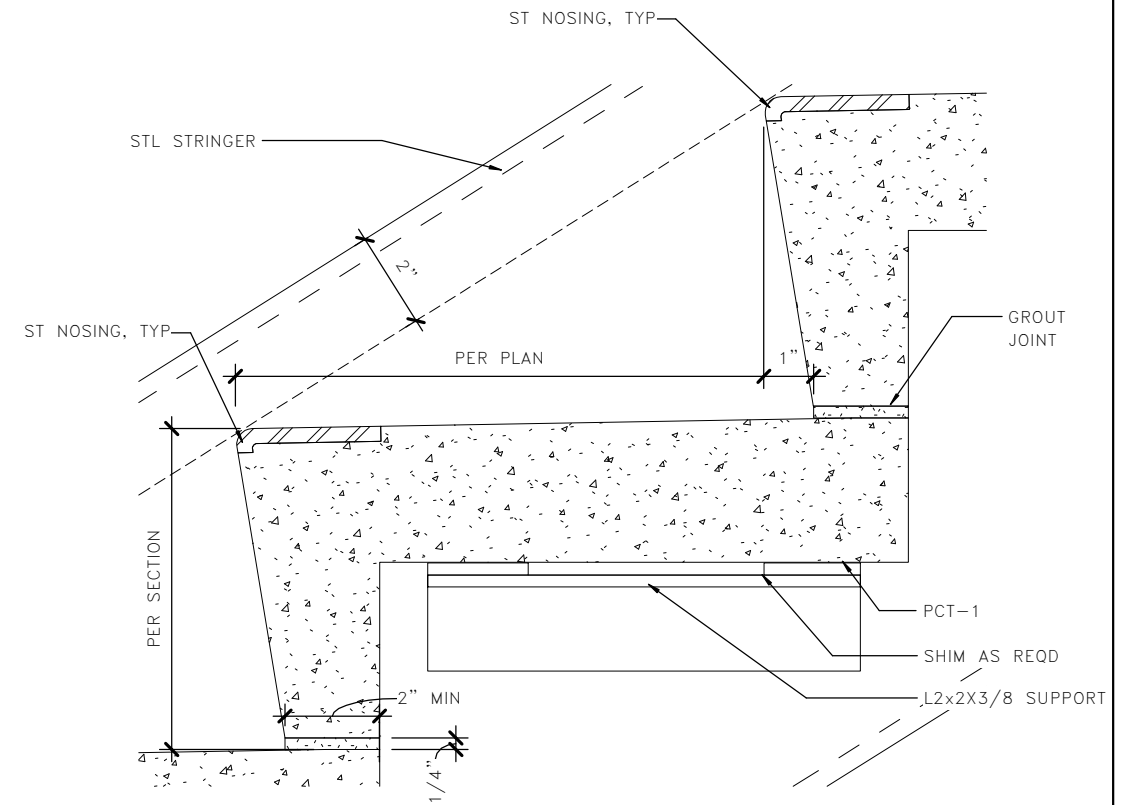
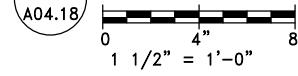
4 STAIR BASE - FACE MOUNT



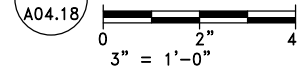
NOTE:
ALL EXPOSED METALS, EXCEPT HNDRL-2, SST BAR WELDED TO HNDRL-2, HNDRL-4, AND HNDRL-4 BRACKET AT STAIRS 1, 2 & 3 SHALL RECEIVE HPC-1A



5 PLAN - MTLp-1 AT HSS STAIR HANGER



6 TYP PRECAST STAIR TREAD



LMN

RFI 168
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DGN ENGR MNGR:	N. MCINTOSH
ASST SECRETARY:	A. SCARTON

RFI 168

RFI-168

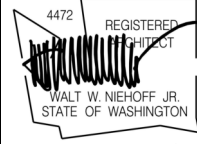
CONFORMED PLANS
REVISION

05/30/19

01/18/19

DATE BY

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REGION NO.	10
STATE	WA
JOB NUMBER	18W121
CONTRACT NO.	00****



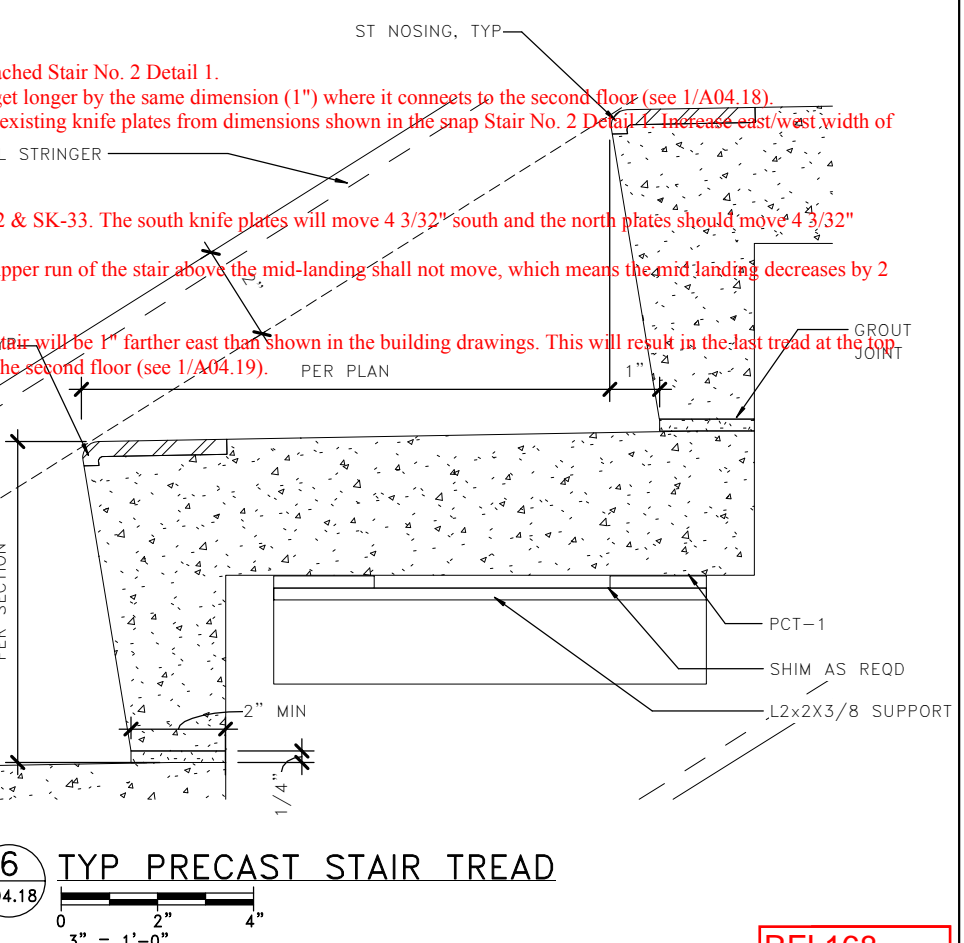
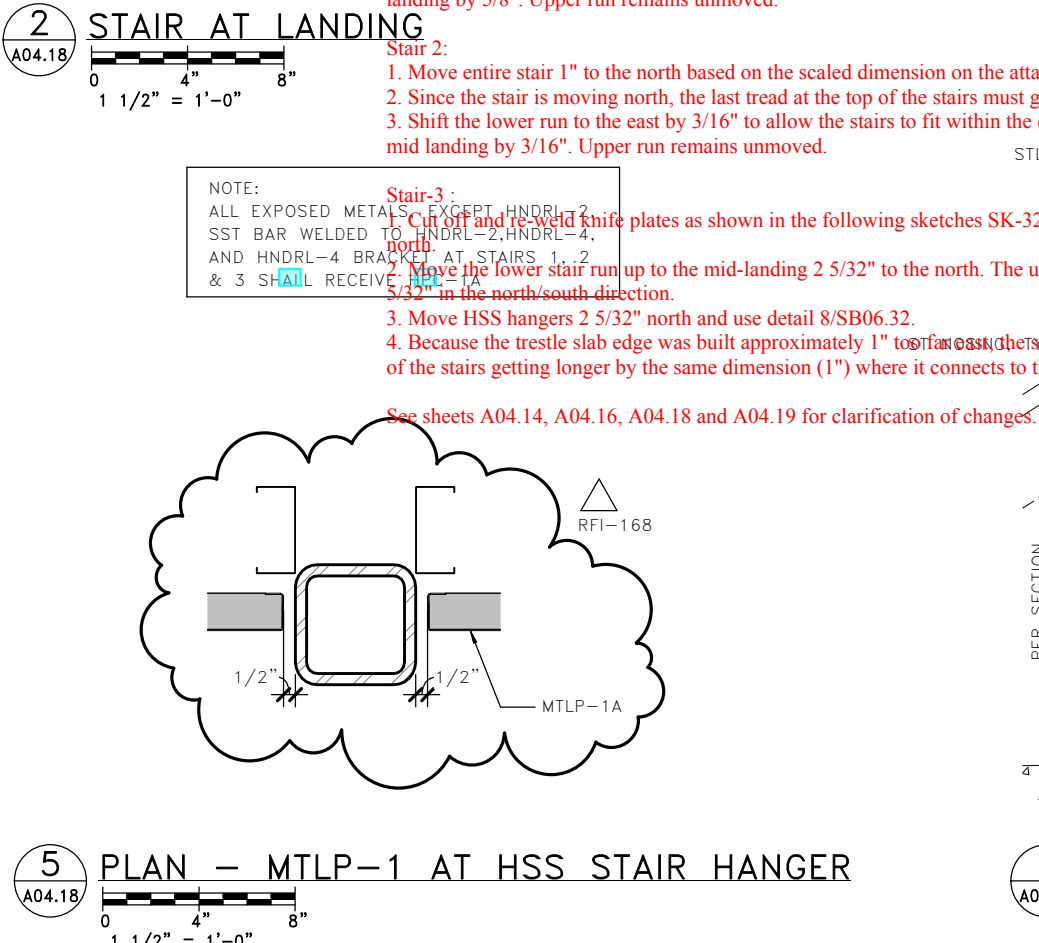
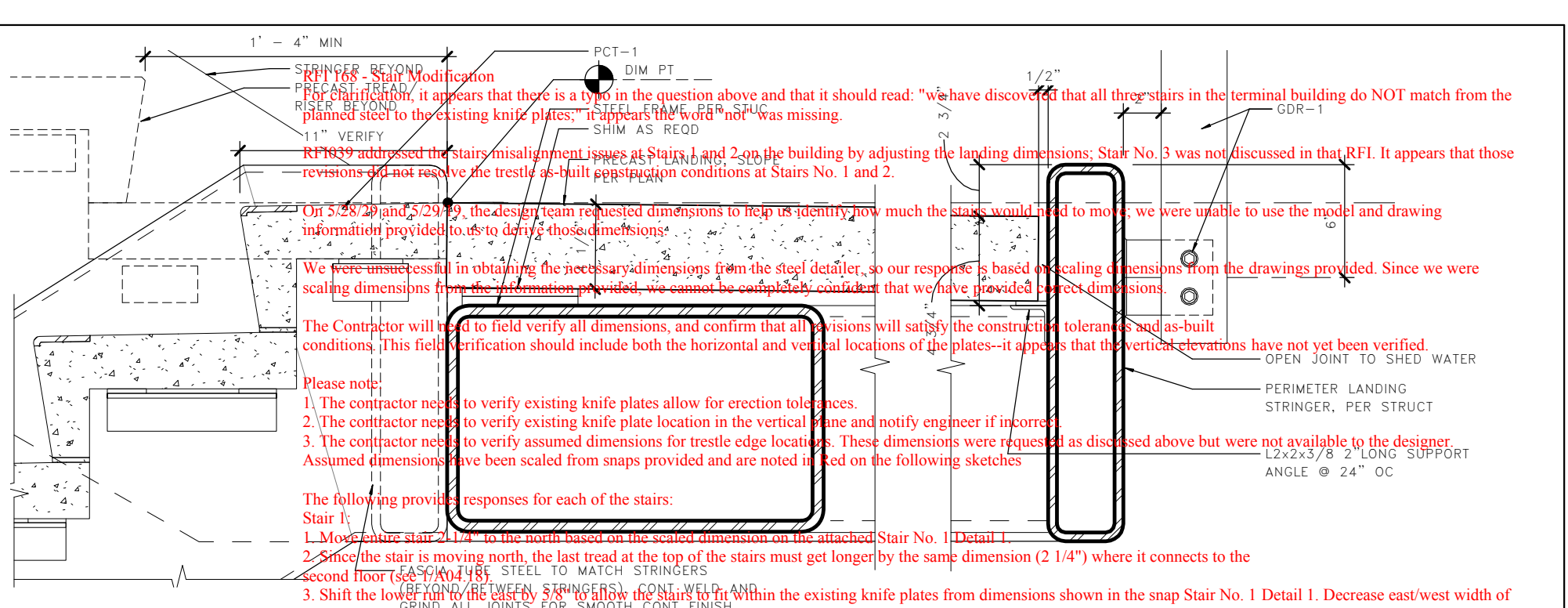
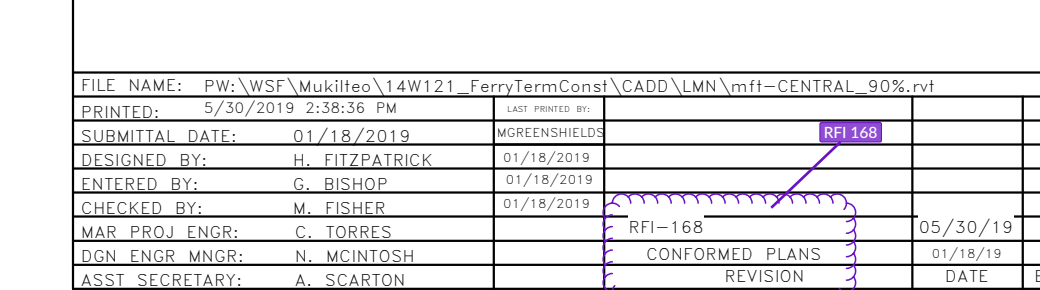
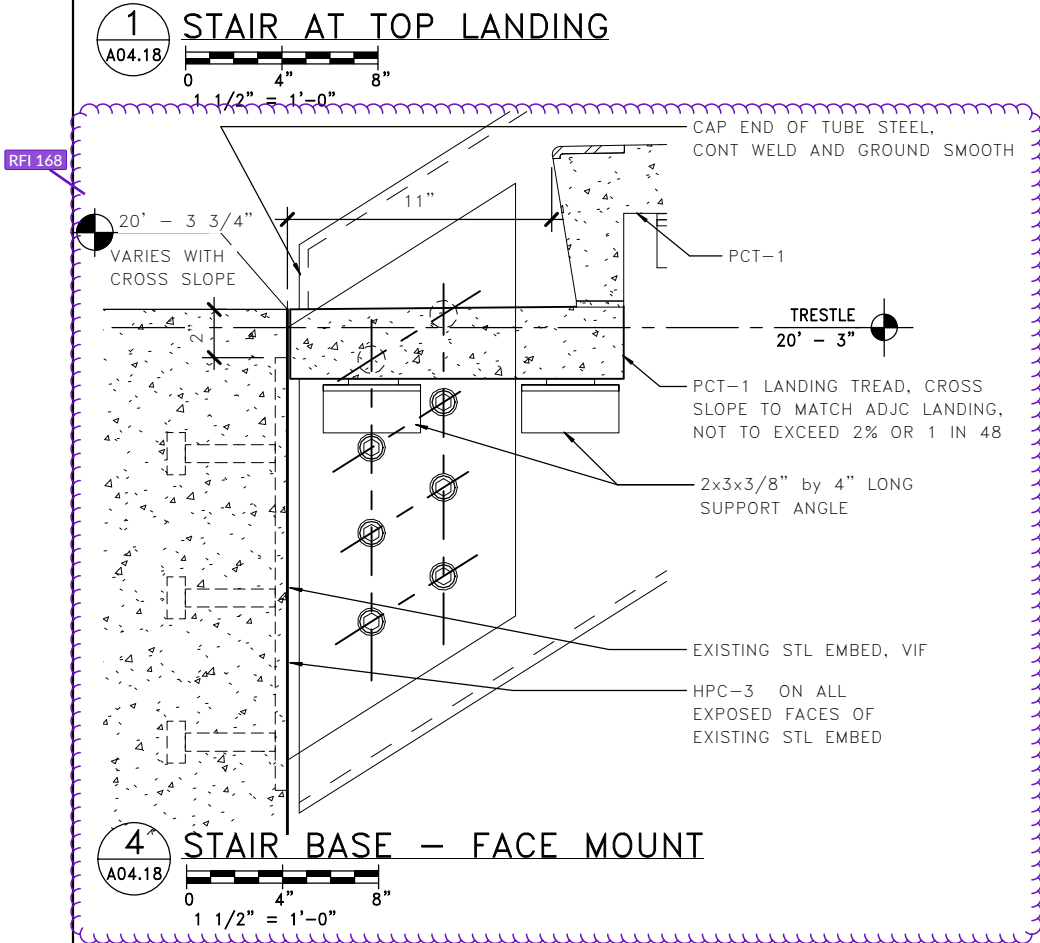
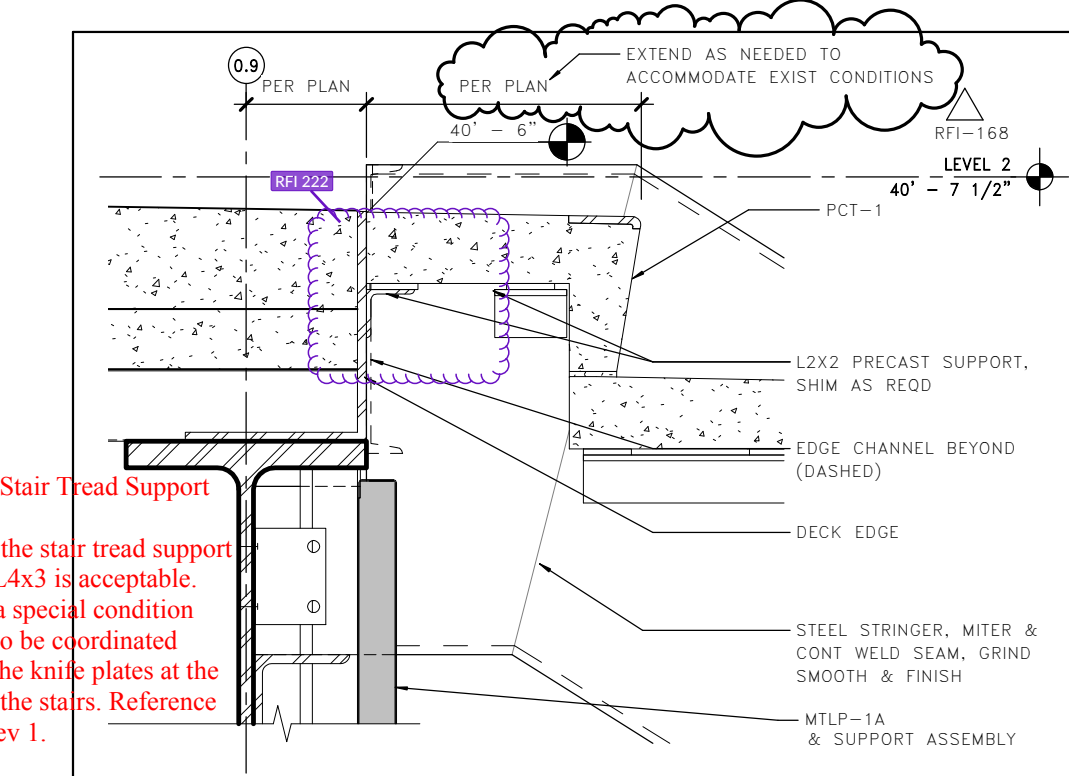
01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - STAIR DETAILS

A04.18
SHEET
OF
SHEETS



RFI 222 - Stair Tread Support Angles
Up-sizing the stair tread support angles to L4x3 is acceptable. Note that a special condition that need to be coordinated occurs at the knife plates at the bottom of the stairs. Reference RFI-007 rev 1.

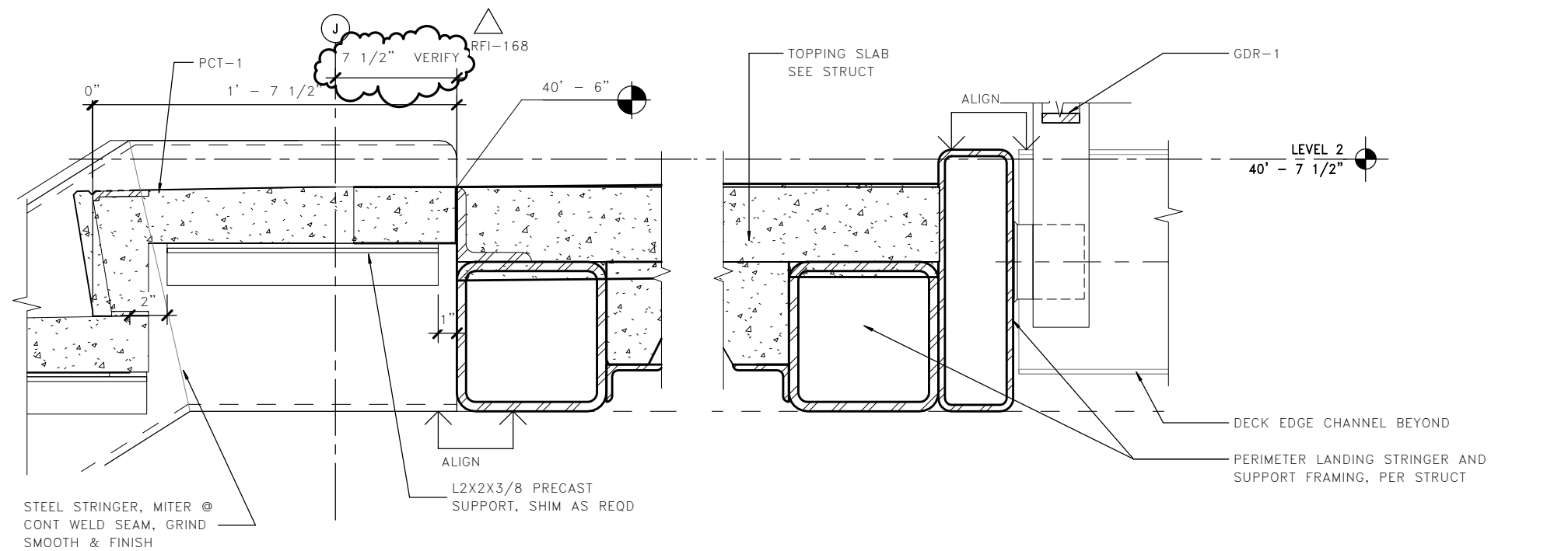


RFI 168 - Stair Modification
For clarification, it appears that there is a typo in the question above and that it should read: "we have discovered that all three stairs in the terminal building do NOT match from the planned steel to the existing knife plates;" it appears the word "not" was missing.
RFI168 addressed the stairs misalignment issues at Stairs 1 and 2 on the building by adjusting the landing dimensions; Stair No. 3 was not discussed in that RFI. It appears that those revisions did not resolve the trestle as-built construction conditions at Stairs No. 1 and 2.
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3. Shift the lower run to the east by 5/8" to allow the stairs to fit within the existing knife plates from dimensions shown in the snap Stair No. 1 Detail 1. Decrease east/west width of landing by 5/8". Upper run remains unmoved.
Stair 2:
1. Move entire stair 1" to the north based on the scaled dimension on the attached Stair No. 2 Detail 1.
2. Since the stair is moving north, the last tread at the top of the stairs must get longer by the same dimension (1") where it connects to the second floor (see 1/A04.18).
3. Shift the lower run to the east by 3/16" to allow the stairs to fit within the existing knife plates from dimensions shown in the snap Stair No. 2 Detail 1. Increase east/west width of mid landing by 3/16". Upper run remains unmoved.
Stair-3 :
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4. Because the trestle slab edge was built approximately 1" too far west, the stair will be 1" farther east than shown in the building drawings. This will result in the last tread at the top of the stairs getting longer by the same dimension (1") where it connects to the second floor (see 1/A04.19).
See sheets A04.14, A04.16, A04.18 and A04.19 for clarification of changes.

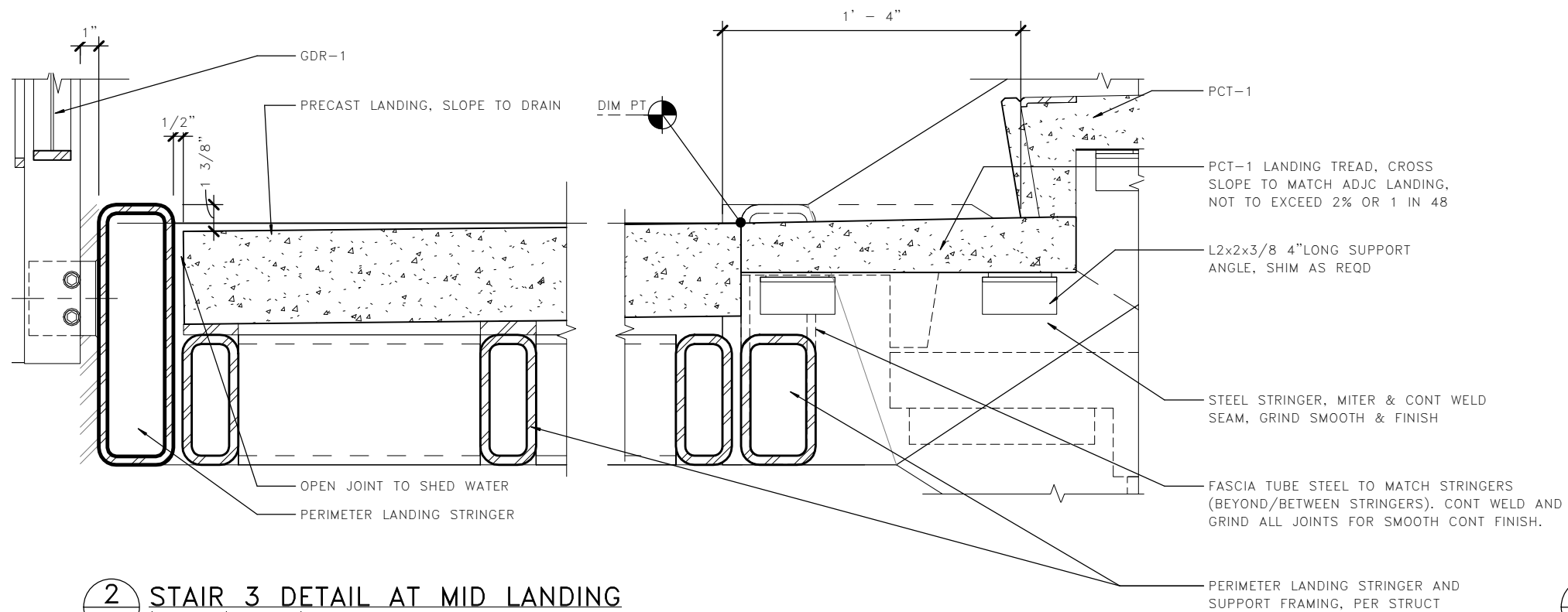
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RFI 168
Page 8 of 18

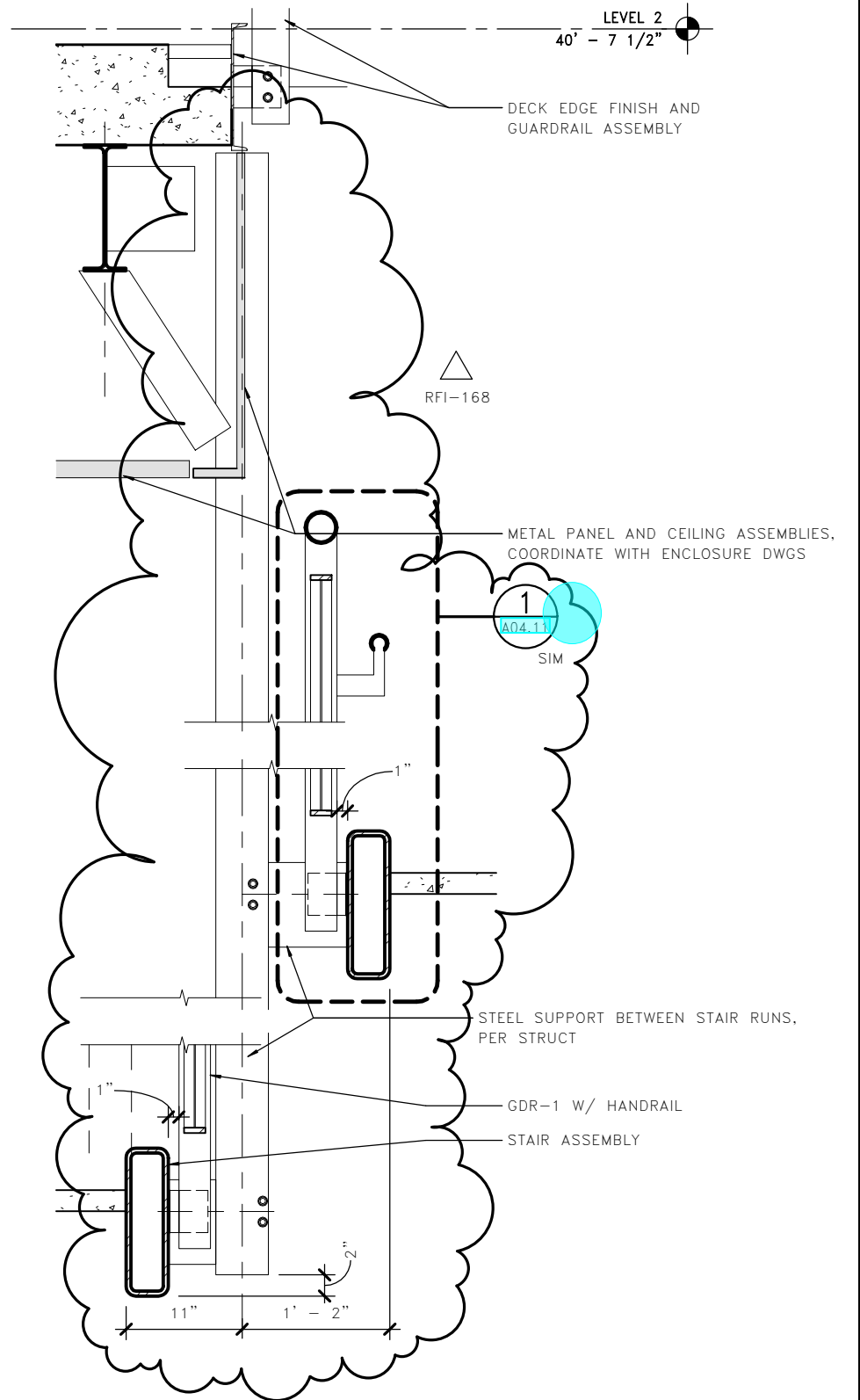
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ENTERED BY: G. BISHOP		CHECKED BY: M. FISHER		REGION NO. 10 STATE WA		TERMINAL - STAIR DETAILS										
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DGN ENGR MNGR: N. MCINTOSH		REVISION		DATE BY		CONTRACT NO. 00****										
ASST SECRETARY: A. SCARTON																



1 STAIR 3 DETAIL AT TOP LANDING
A04.19
0 4" 8"
1 1/2" = 1'-0"



2 STAIR 3 DETAIL AT MID LANDING
A04.19
0 4" 8"
1 1/2" = 1'-0"



3 STAIR 3 DETAIL AT SUPPORT FRAMING
A04.19
0 8" 16"
3/4" = 1'-0"

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RFI-168
CONFORMED PLANS
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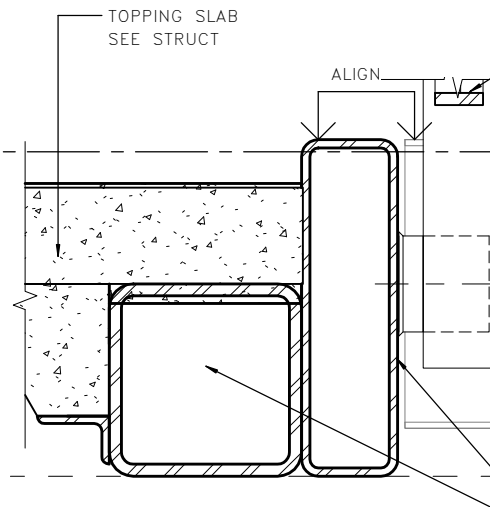
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WALT W. NIEHOFF JR.
STATE OF WASHINGTON
01/18/19

Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - STAIR DETAILS

RFI 168
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A04.19
SHEET
OF
SHEETS



1"

GDR-1

1/2"

3/8"

PRECAST LANDING, SLOPE TO DRAIN

OPEN JOINT TO SHED WATER

PERIMETER LANDING STRINGER

1' - 4"

DIM PT

PCT-1 LANDING TREAD, CROSS SLOPE TO MATCH ADJAC LANDING, NOT TO EXCEED 2% OR 1 IN 48

L2x2x3/8 4" LONG SUPPORT ANGLE, SHIM AS REQD

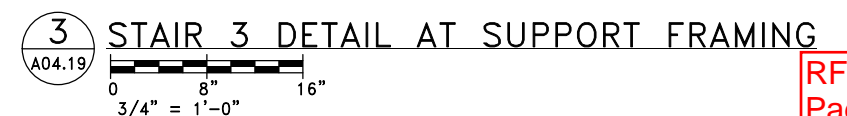
STEEL STRINGER, MITER & CONT WELD SEAM, GRIND SMOOTH & FINISH

FASCIA TUBE STEEL TO MATCH STRINGERS (BEYOND/BETWEEN STRINGERS). CONT WELD AND GRIND ALL JOINTS FOR SMOOTH CONT FINISH.

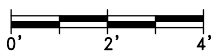
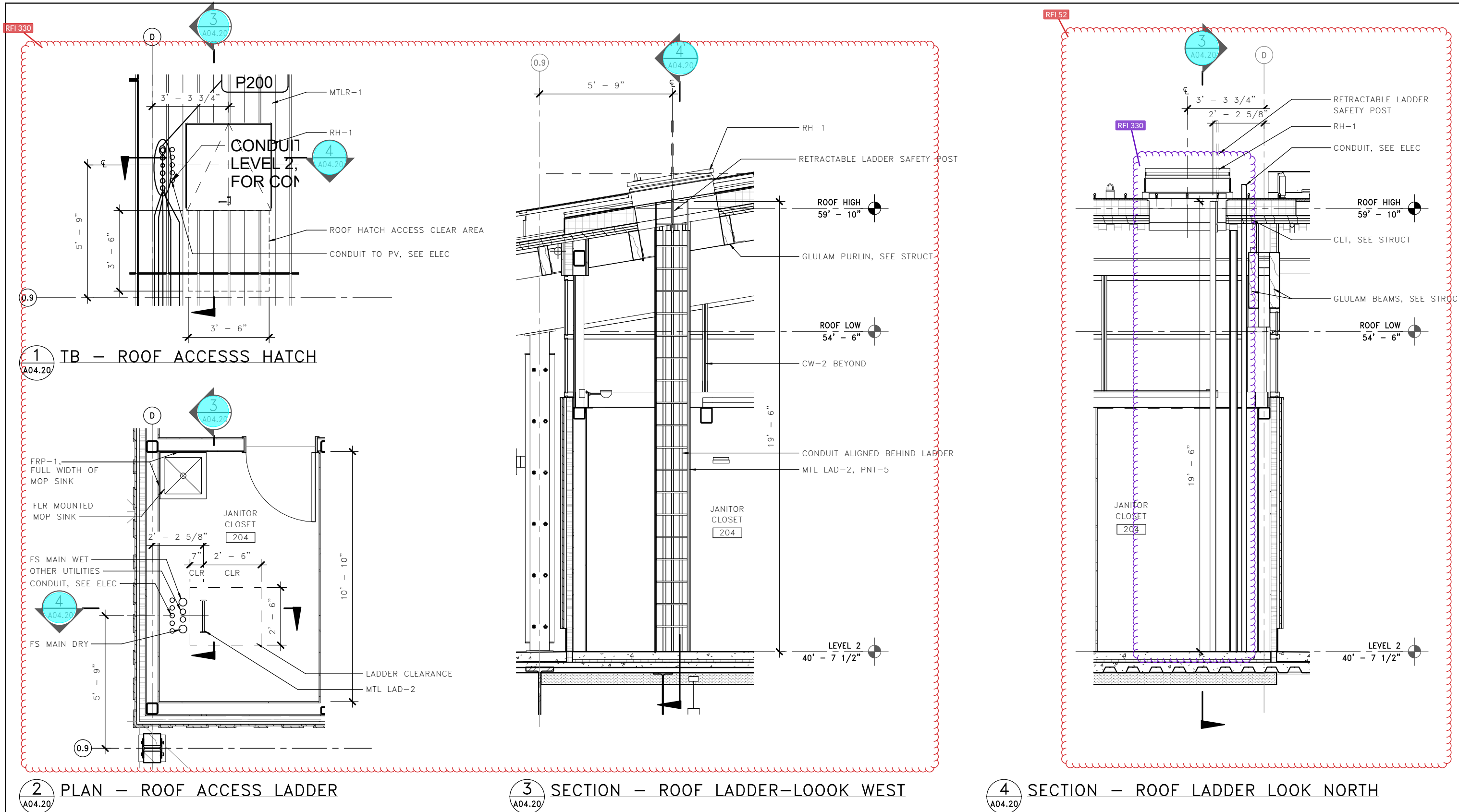
PERIMETER LANDING STRINGER AND SUPPORT FRAMING, PER STRUCT

NG

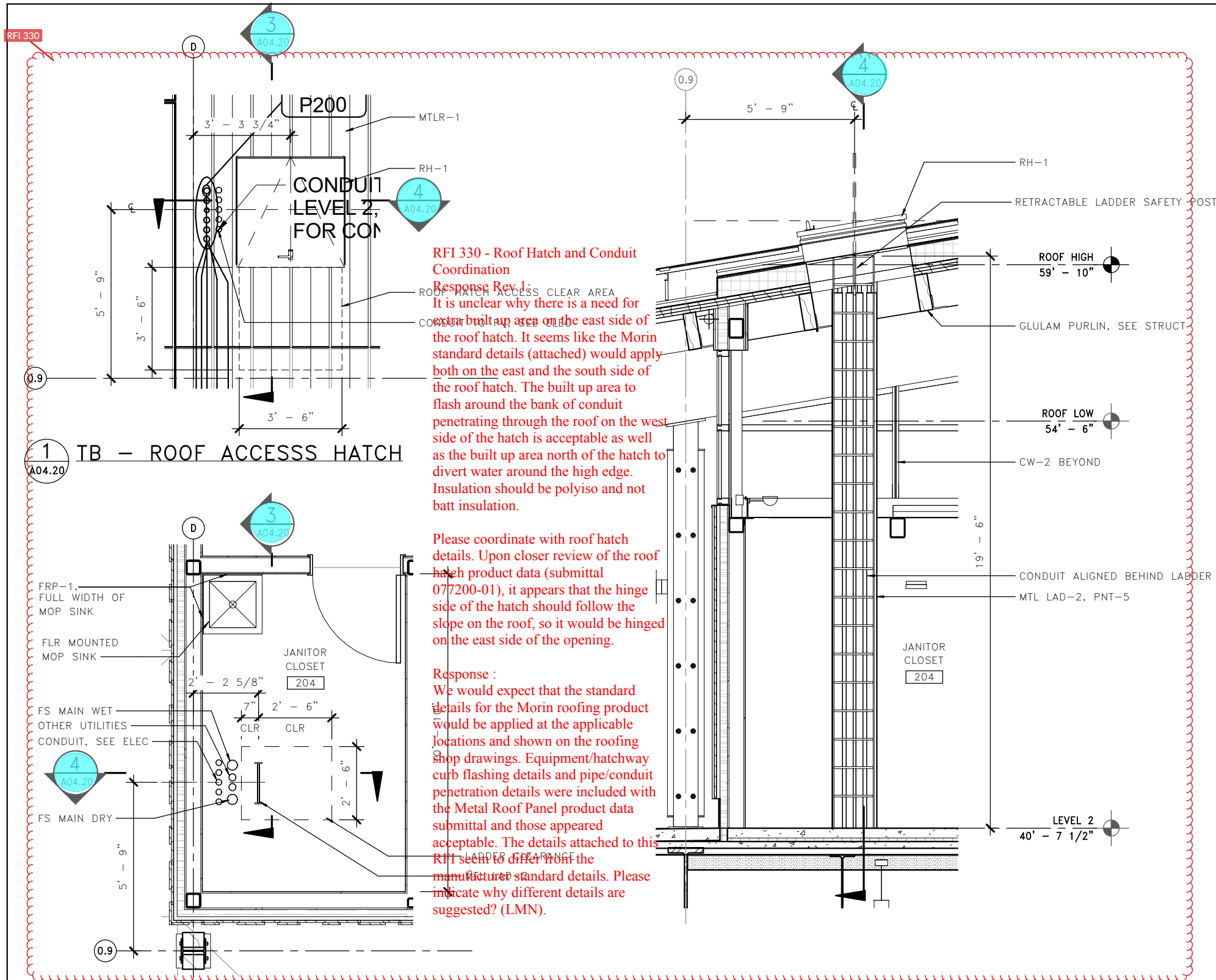
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04.19
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OF
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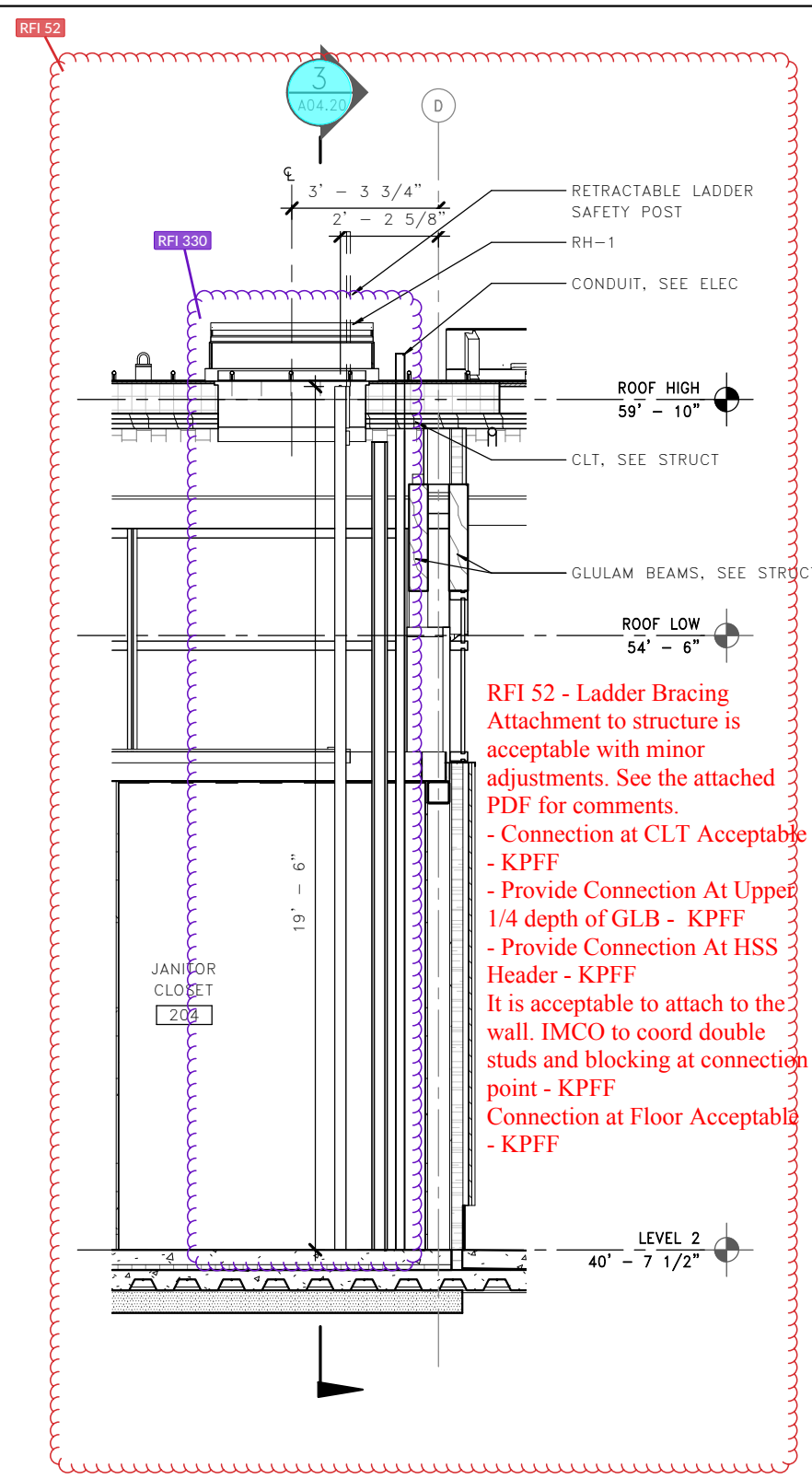
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						Washington State Department of Transportation WASHINGTON STATE FERRIES		TERMINAL - ROOF ACCESS	
								A04.20 SHEET 939 OF 1521 SHEETS	



1 TB - ROOF ACCESS HATCH
A04.20

2 PLAN - ROOF ACCESS LADDER
A04.20

3 SECTION - ROOF LADDER-LOOK WEST
A04.20



4 SECTION - ROOF LADDER LOOK NORTH
A04.20



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ENTERED BY: G. BISHOP	01/18/2019			JOB NUMBER 18W121
CHECKED BY: M. FISHER	01/18/2019			CONTRACT NO. 00****
MAR PROJ ENGR: C. TORRES				
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19	
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY

4472 REGISTERED PROFESSIONAL ENGINEER
WALT W. NIEHOFF JR.
STATE OF WASHINGTON

DATE 01/18/19

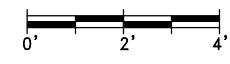
Washington State
Department of Transportation
 WASHINGTON STATE FERRIES

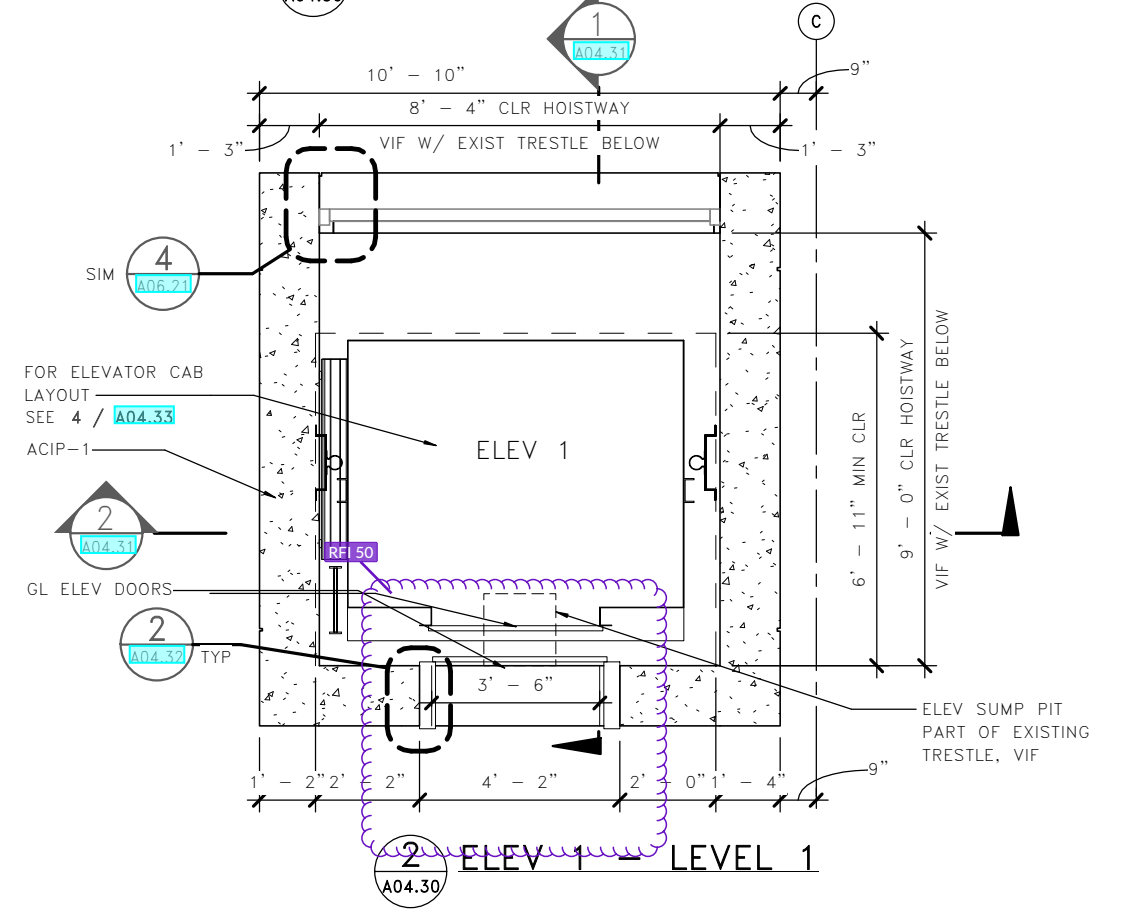
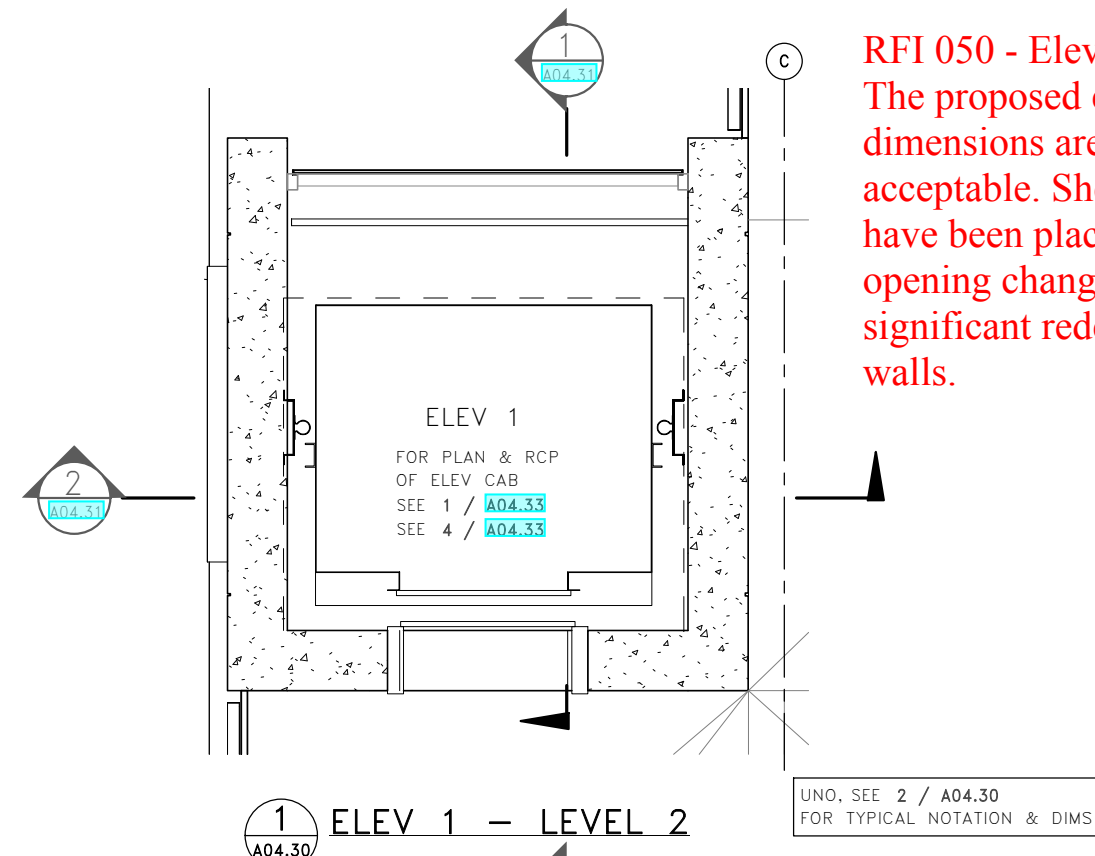
SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

TERMINAL - ROOF ACCESS

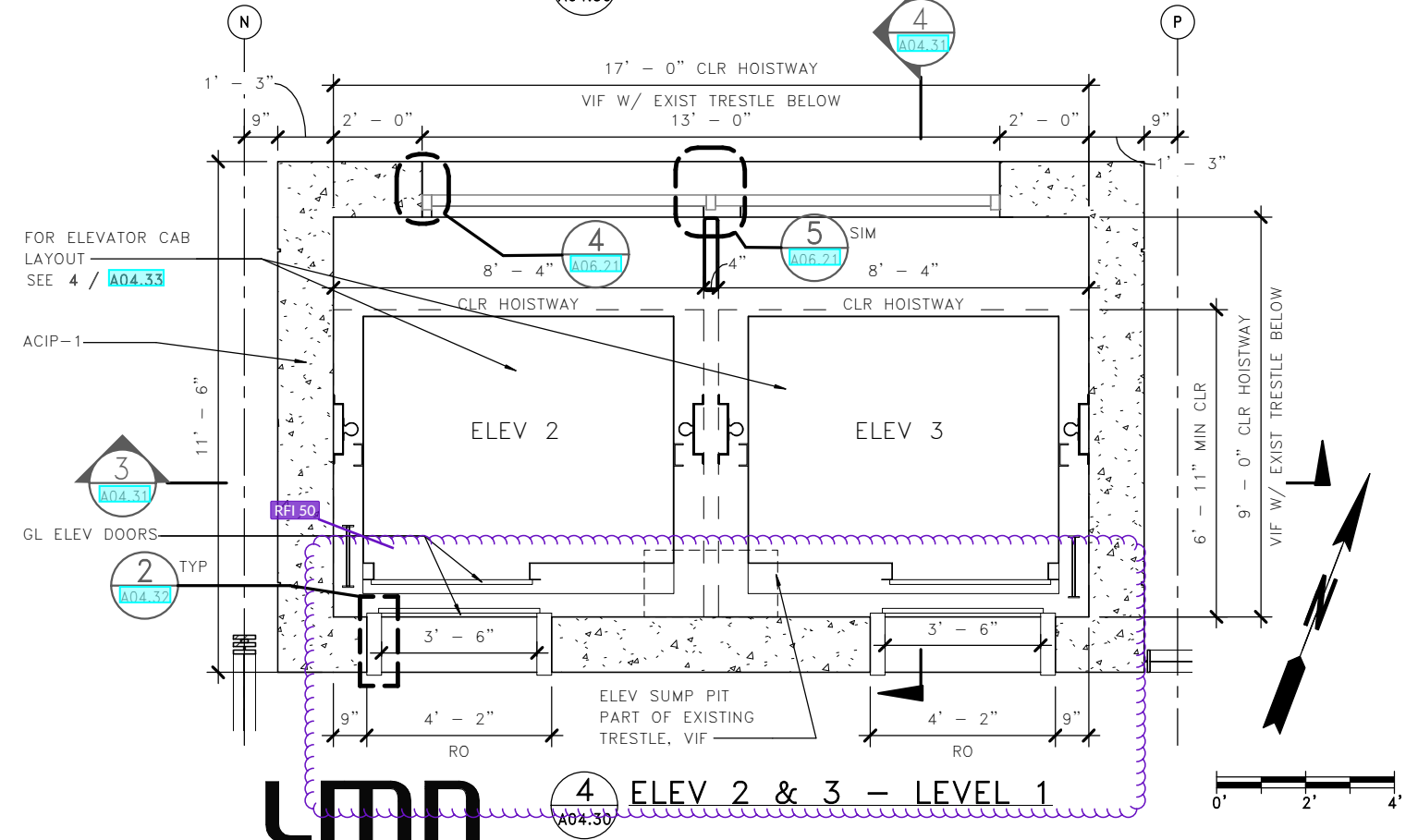
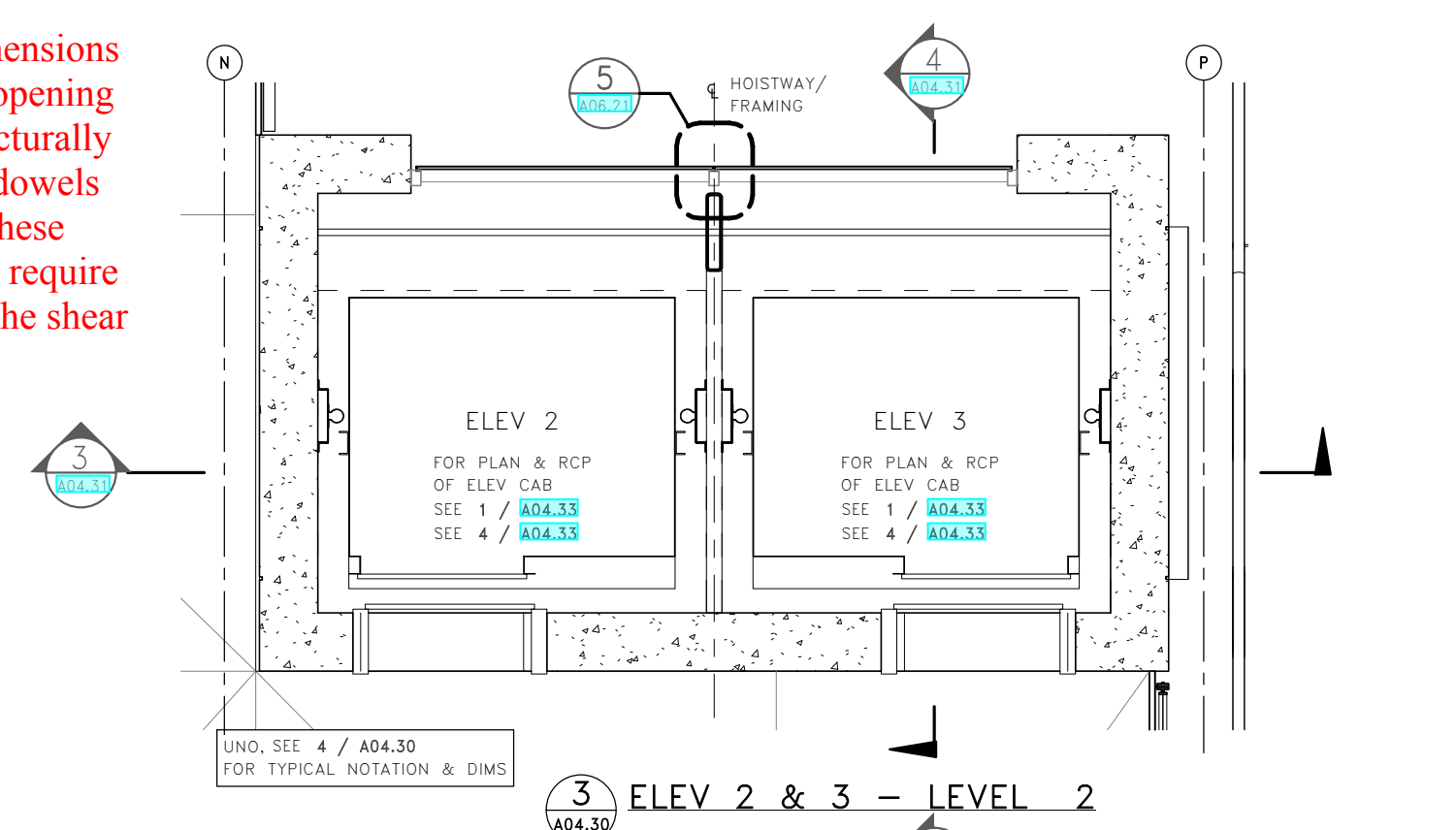
A04.20

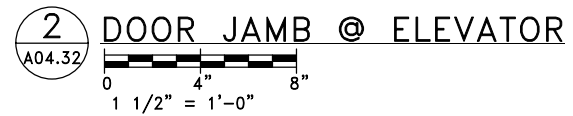
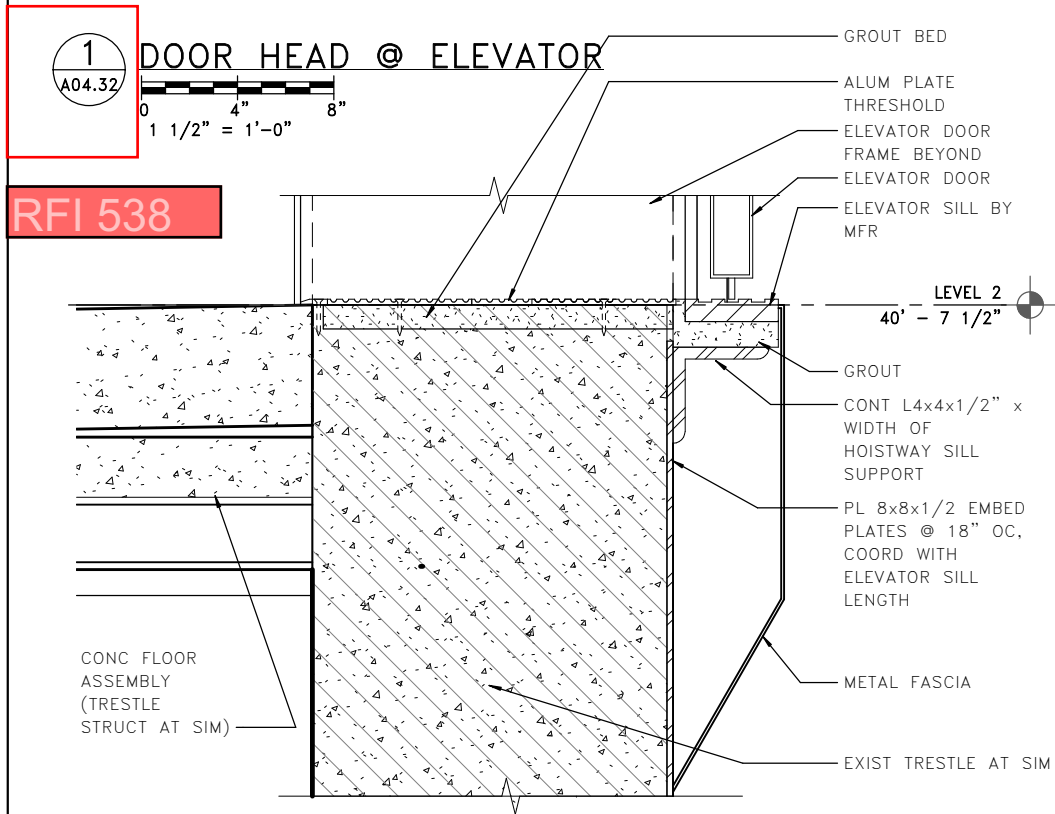
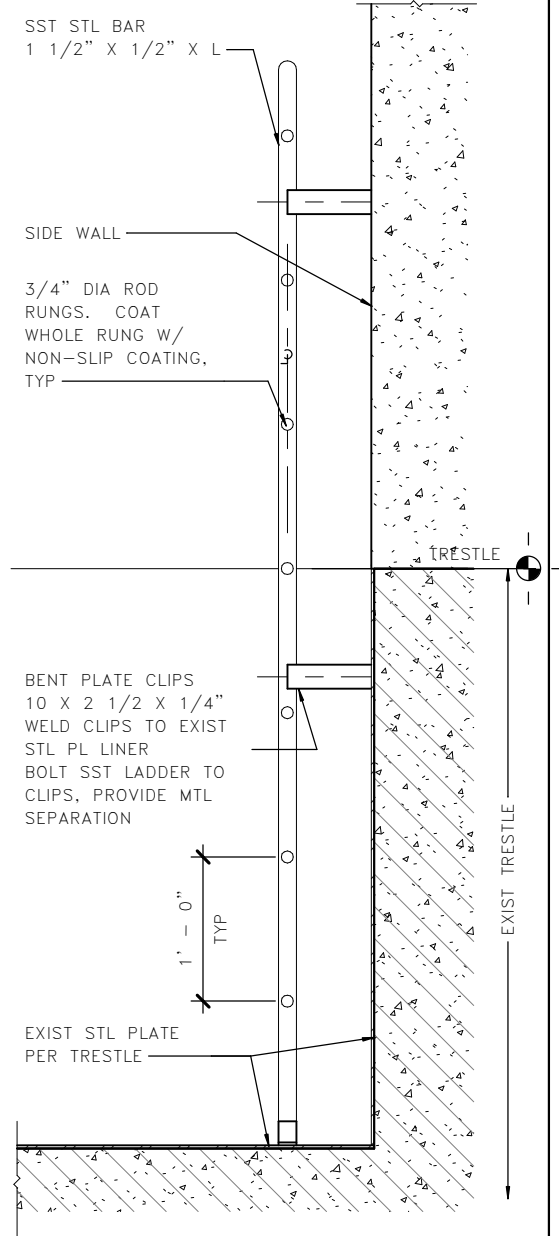
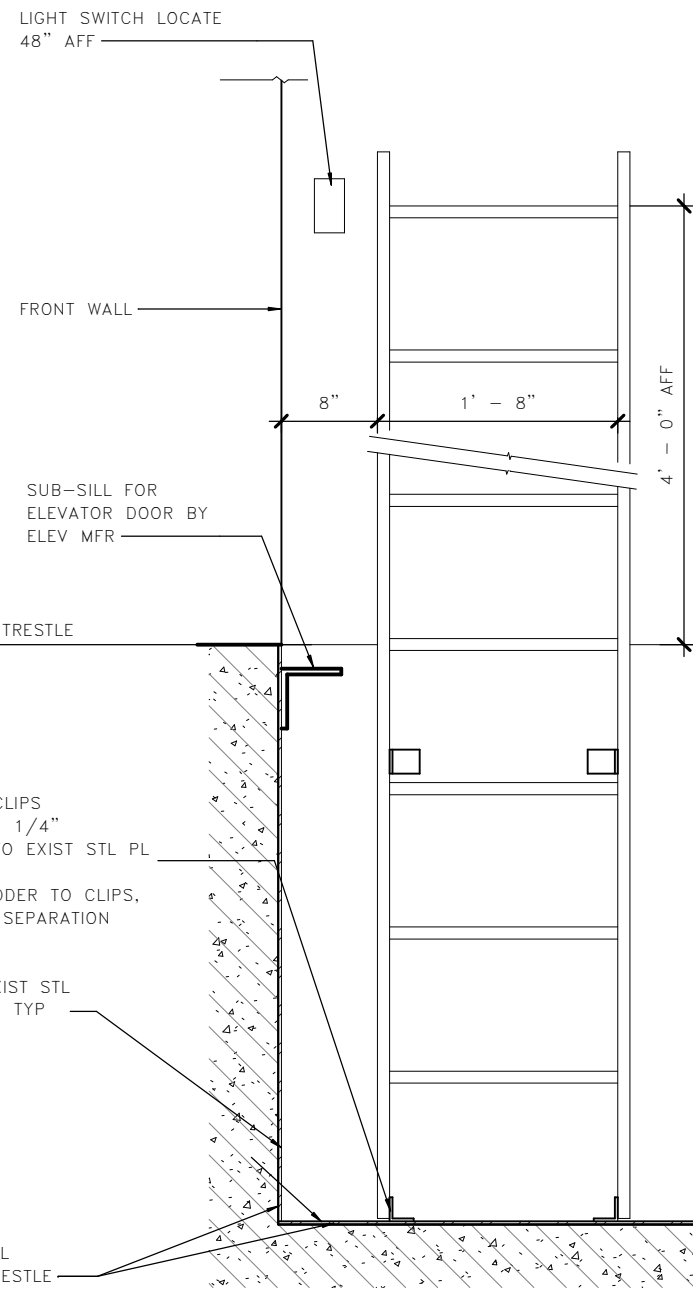
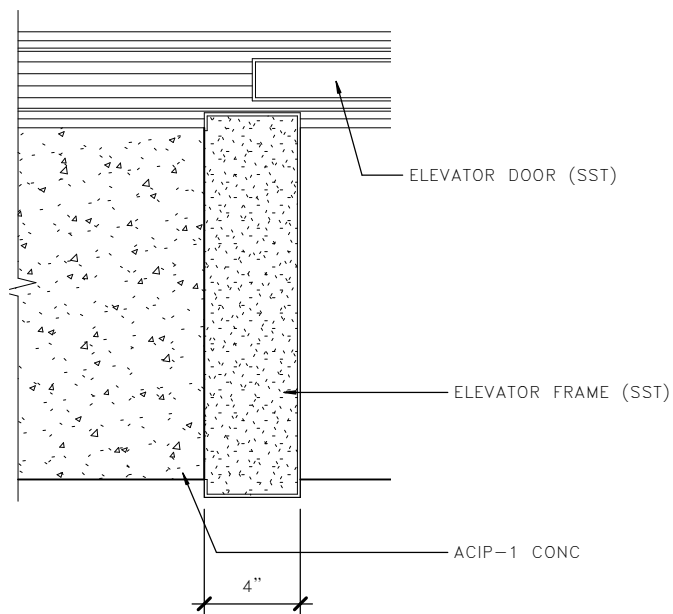
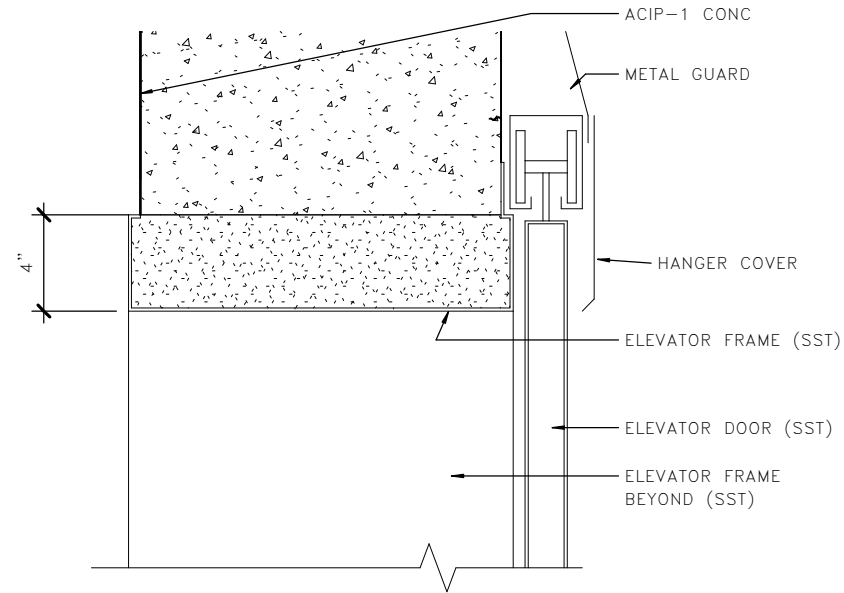
SHEET 939 OF 1521 SHEETS





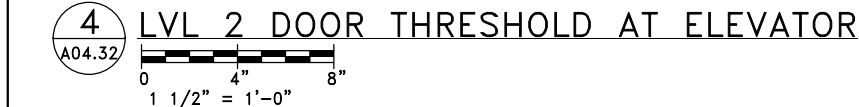
RFI 050 - Elevator Dimensions
The proposed elevator opening dimensions are not structurally acceptable. Shear wall dowels have been placed, and these opening changes would require significant redesign of the shear walls.





RFI 538 - Elevator Jamb & Header Fill In

SEE ATTACHED SKETCHES AK-21 AND AK-22 FOR MTL TRIM-2 INFILL AROUND ELEVATOR FRAMES TYPICAL. LEAVE 1 1/2" EXPOSED FACE OF THE STAINLESS ELEVATOR FRAME TYPICAL AND MAKE UP INCONSISTENCIES IN GAP WITH WITH THE MTL TRIM. EASE EXPOSED EDGES OF MTL TRIM. CONFIRM THAT ELEVATOR FRAME IS SET BACK ENOUGH TO AVOID THE CHAMFER IN THE CONCRETE WALL AT THE HEAD. CONFIRM THAT THIS DOESN'T CONFLICT WITH REQUIREMENTS FOR ELEVATOR INSTALLATION.



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ENTERED BY: G. BISHOP	01/18/2019		10 WA
CHECKED BY: M. FISHER	01/18/2019		JOB NUMBER
MAR PROJ ENGR: C. TORRES			18W121
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	CONTRACT NO.
ASST SECRETARY: A. SCARTON		REVISION	00****
		DATE	BY

4472 REGISTERED PROFESSIONAL ENGINEER
WALT W. NIEHOFF JR.
STATE OF WASHINGTON

DATE 01/18/19

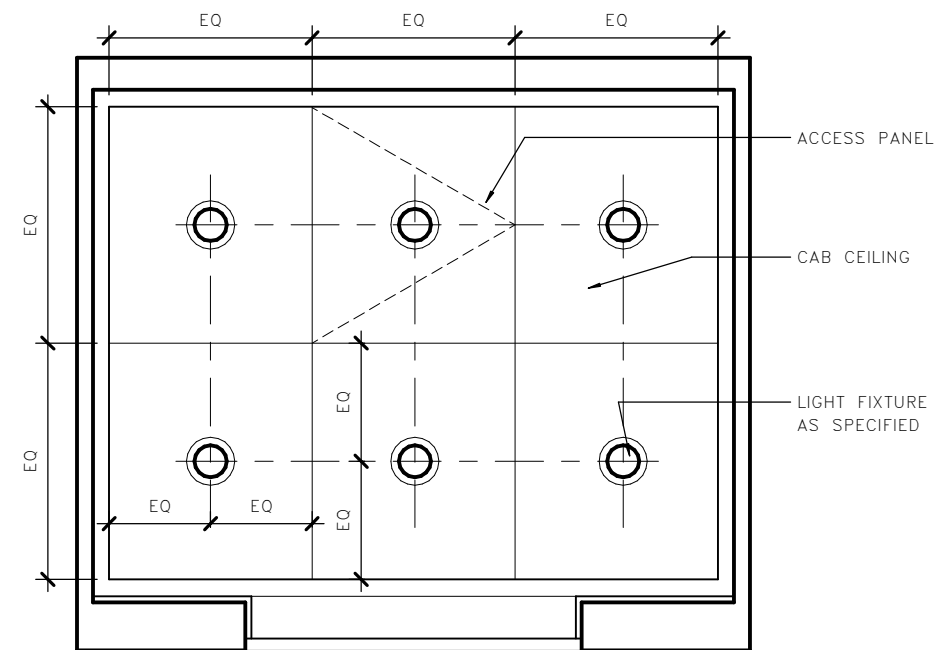
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Department of Transportation
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SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

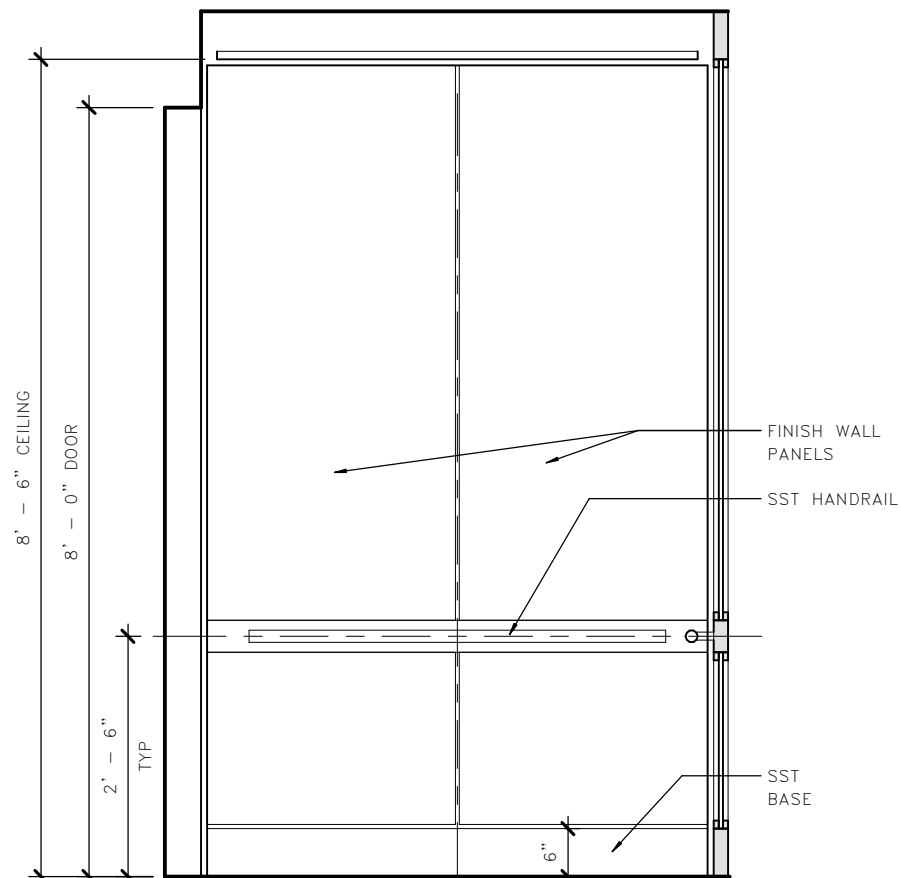
TERMINAL – ELEVATOR – DETAILS

A04.32

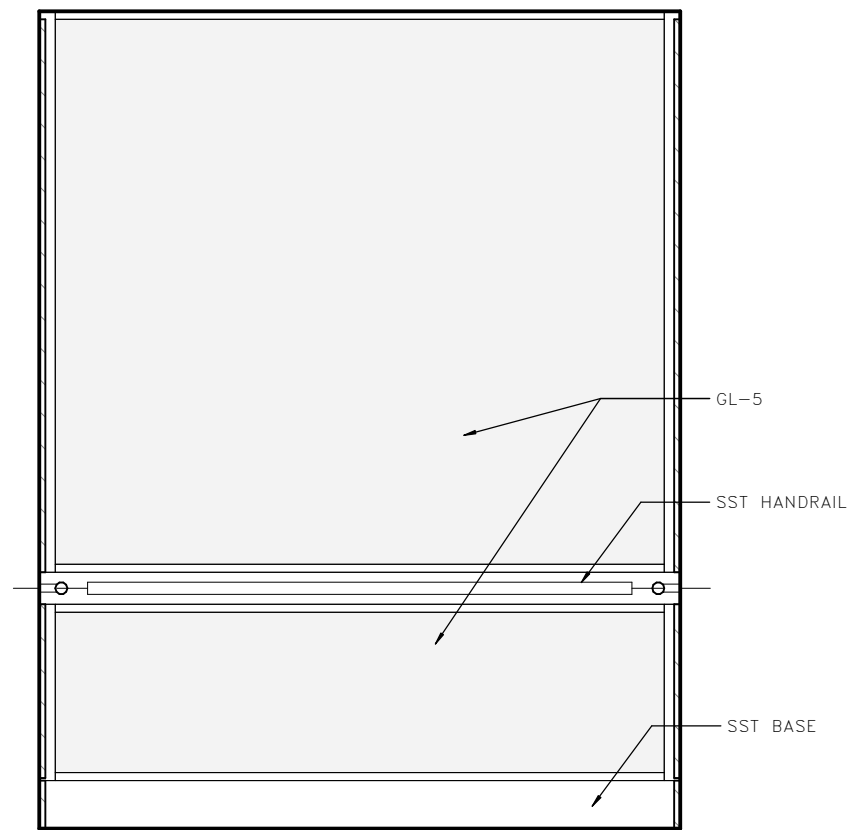
SHEET
942
OF
1521
SHEETS



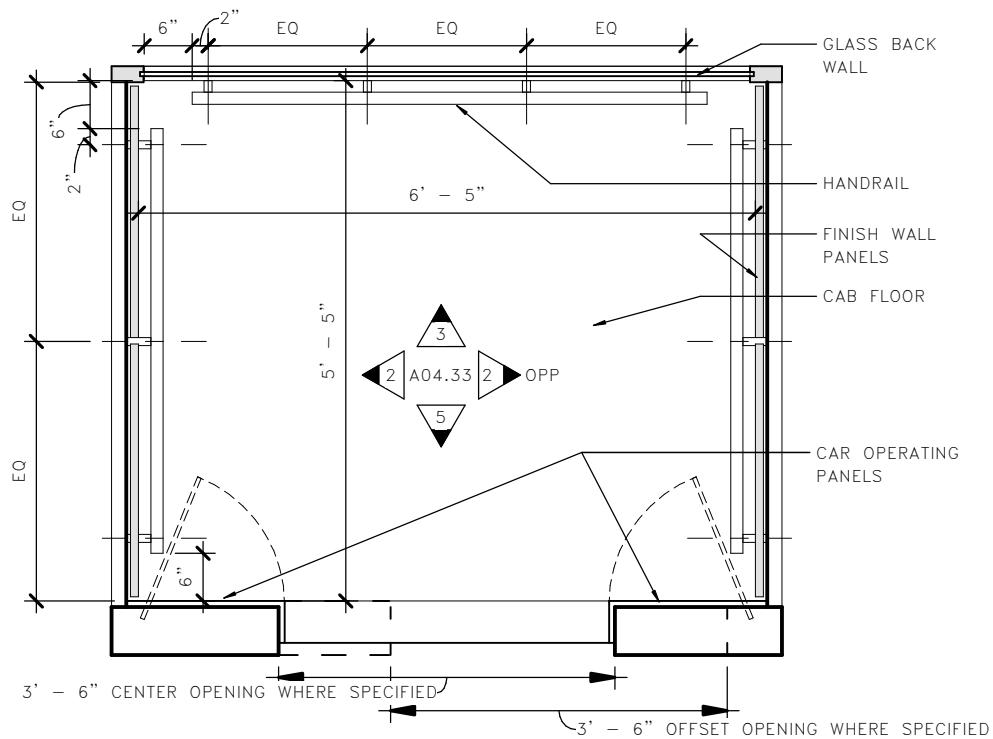
1 RCP - PASSENGER ELEV
A04.33



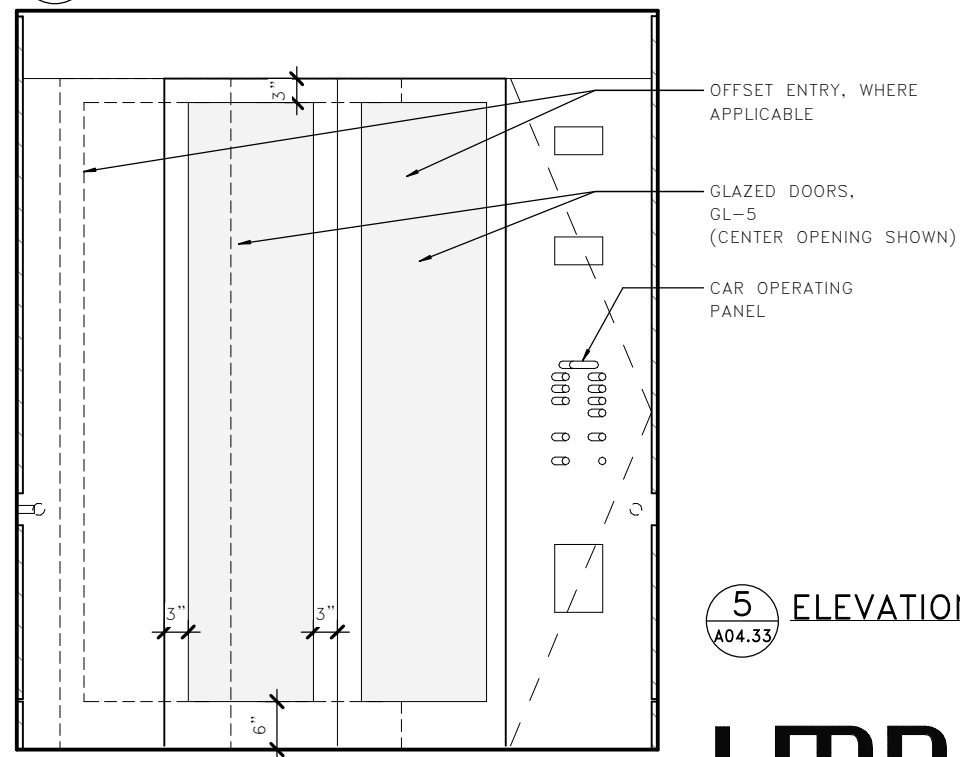
2 ELEVATION - SIDE
A04.33



3 ELEVATION - BACK
A04.33



4 PLAN - PASSENGER ELEV
A04.33



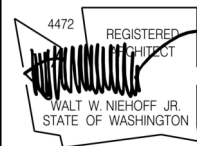
5 ELEVATION - FRONT
A04.33

LMN

0" 12" 24"

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DESIGNED BY: H. FITZPATRICK					STATE WA	
ENTERED BY: G. BISHOP					JOB NUMBER 18W121	
CHECKED BY: M. FISHER					CONTRACT NO. 00****	
MAR PROJ ENGR: C. TORRES					CONFORMED PLANS	
DGN ENGR MNGR: N. MCINTOSH					01/18/19	
ASST SECRETARY: A. SCARTON					REVISION	
					DATE BY	

DATE



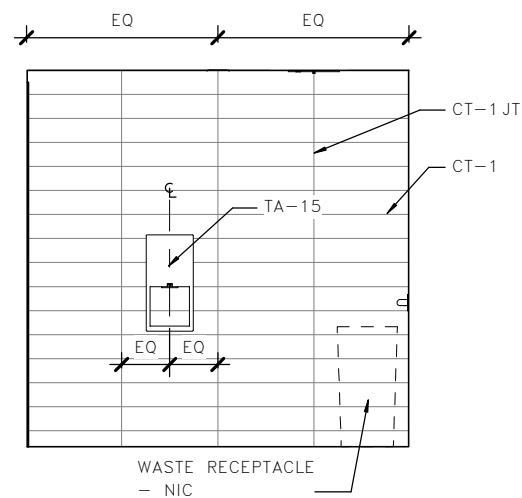
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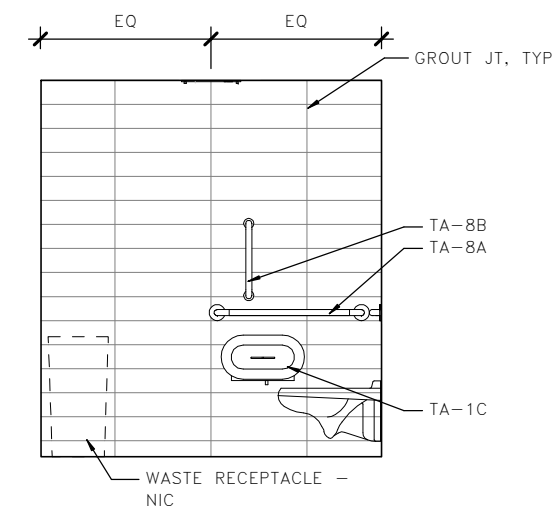


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - ELEVATOR - DETAILS

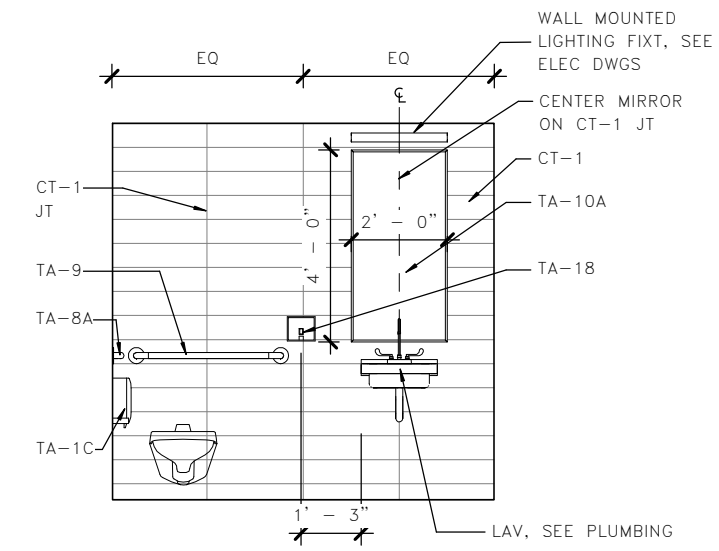
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SHEET
943
OF
1521
SHEETS



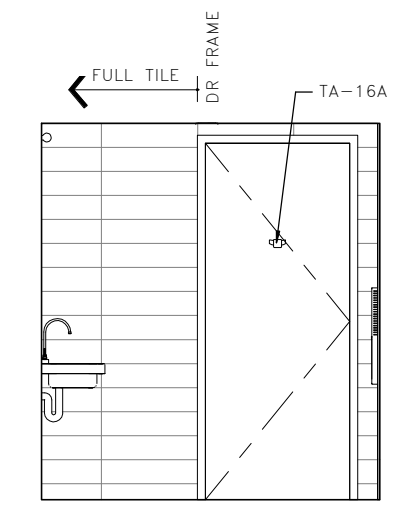
1 TOILET 157 - NORTH
A04.51



2 TOILET 157 - EAST
A04.51



3 TOILET 157 - SOUTH
A04.51

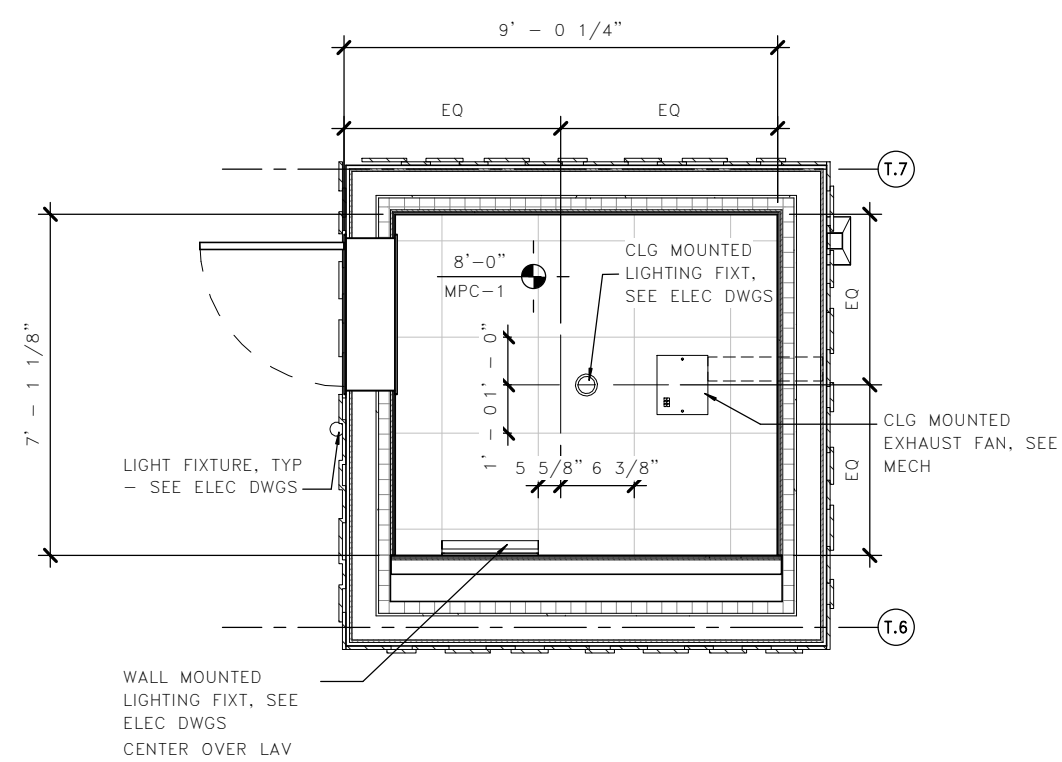


4 TOILET 157 - WEST
A04.51

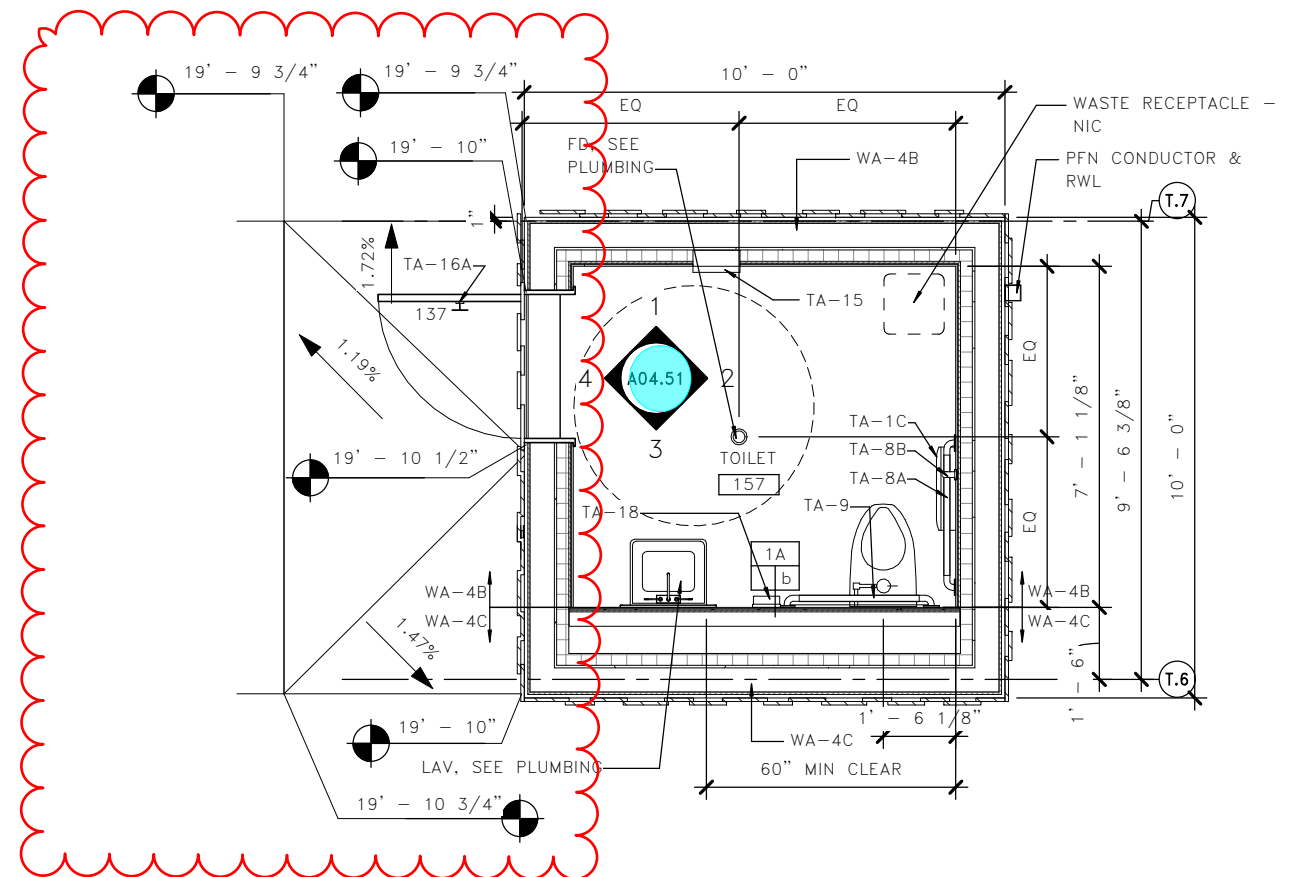
RFI 570 - Toll Booth Ponding Issue

Regrade per attached sheets. If ADA slope requirements cannot be achieved, contact engineer immediately.

as per attached sheets,
19'-9 3/4" to 19'-10 1/2"
19'-10 1/2" to 19'-9 3/4"
19'-10" to 19'-9 1/4"
19'-10 3/4" to 19'-9 1/2"

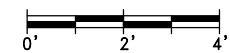


6 TOILET 157 RCP
A04.51



RFI 570
LMN

5 TOILET 157 PLAN
A04.51



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ENTERED BY: G. BISHOP	CHECKED BY: M. FISHER	01/18/2019	REGION NO. 10 STATE WA
MAR PROJ ENGR: C. TORRES			JOB NUMBER 18W121
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19
ASST SECRETARY: A. SCARTON		REVISION	DATE BY
			CONTRACT NO. 00****

4472
REGISTERED
ARCHITECT
WALT W. NIEHOFF JR.
STATE OF WASHINGTON

01/18/19

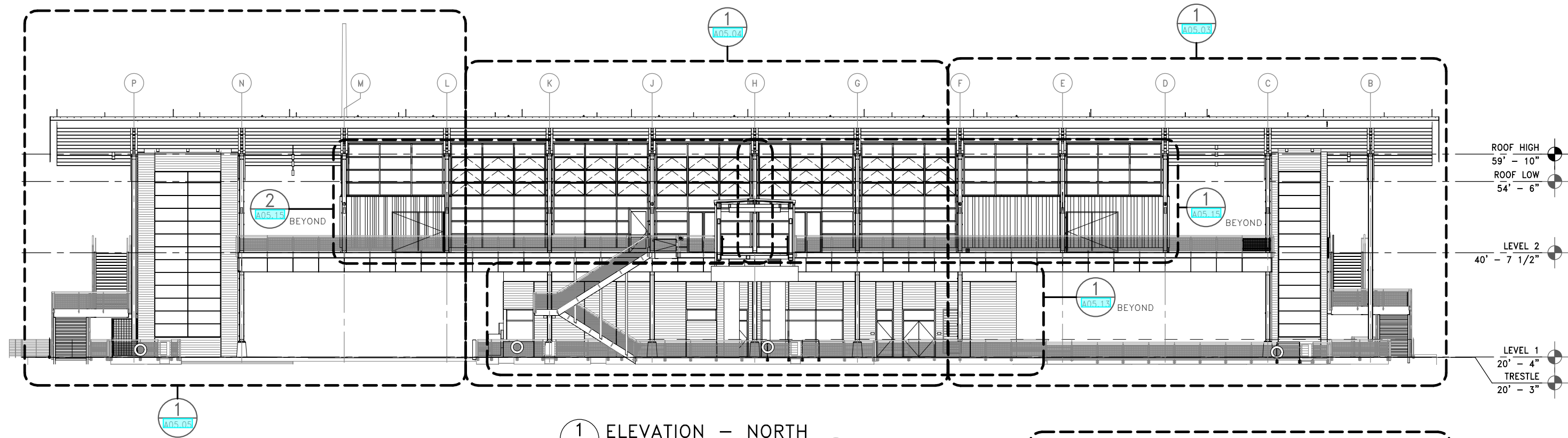
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WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

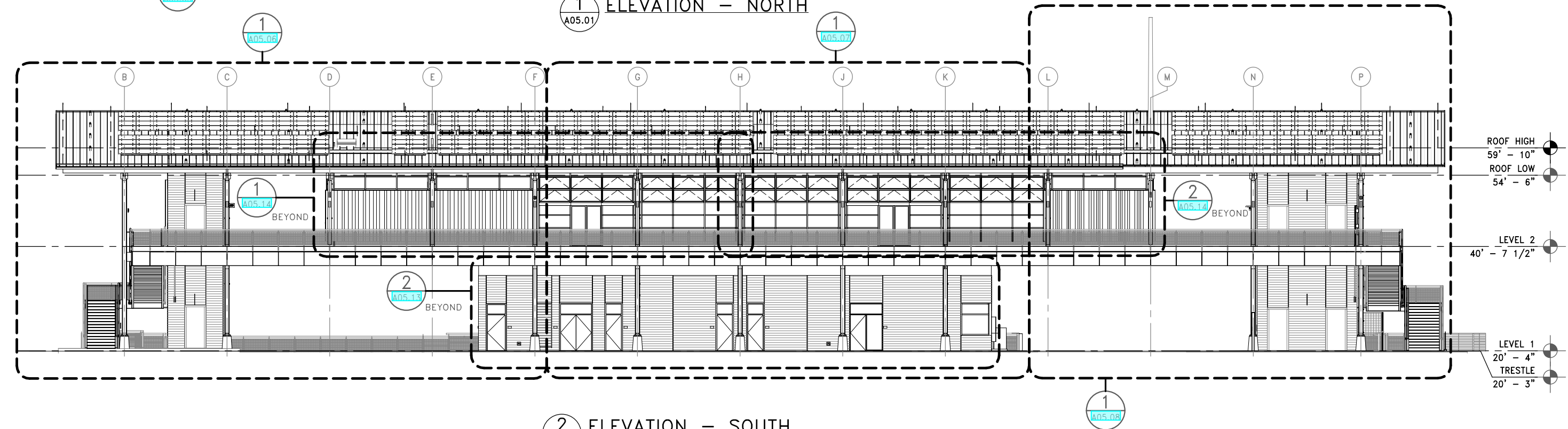
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A04.51

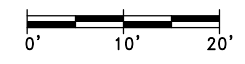
SHEET
944
OF
1521
SHEETS

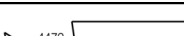



1 ELEVATION - NORTH



2 ELEVATION - SOUTH



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SUBMITTAL DATE: 01/18/2019					DESIGNED BY: H. FITZPATRICK					WA-2017-007-00					FERRY TERMINAL CONSTRUCTION										945																								
ENTERED BY: G. BISHOP					REGION NO. 10					STATE WA					TERMINAL - EXT ELEV - OVERALL N&S										OF 1521 SHEETS																								
CHECKED BY: M. FISHER					JOB NUMBER 18W121					CONTRACT NO. 00****																																							
MAR PROJ ENGR: C. TORRES					CONFORMED PLANS					01/18/19																																							
DGN ENGR MNGR: N. MCINTOSH					REVISION					DATE					BY																																		
ASST SECRETARY: A. SCARTON																																																	

FED.AID PROJ.NO.	
WA-2017-007-00	
REGION NO. 10	STATE WA
JOB NUMBER 18W121	
CONTRACT NO. 00****	

4472

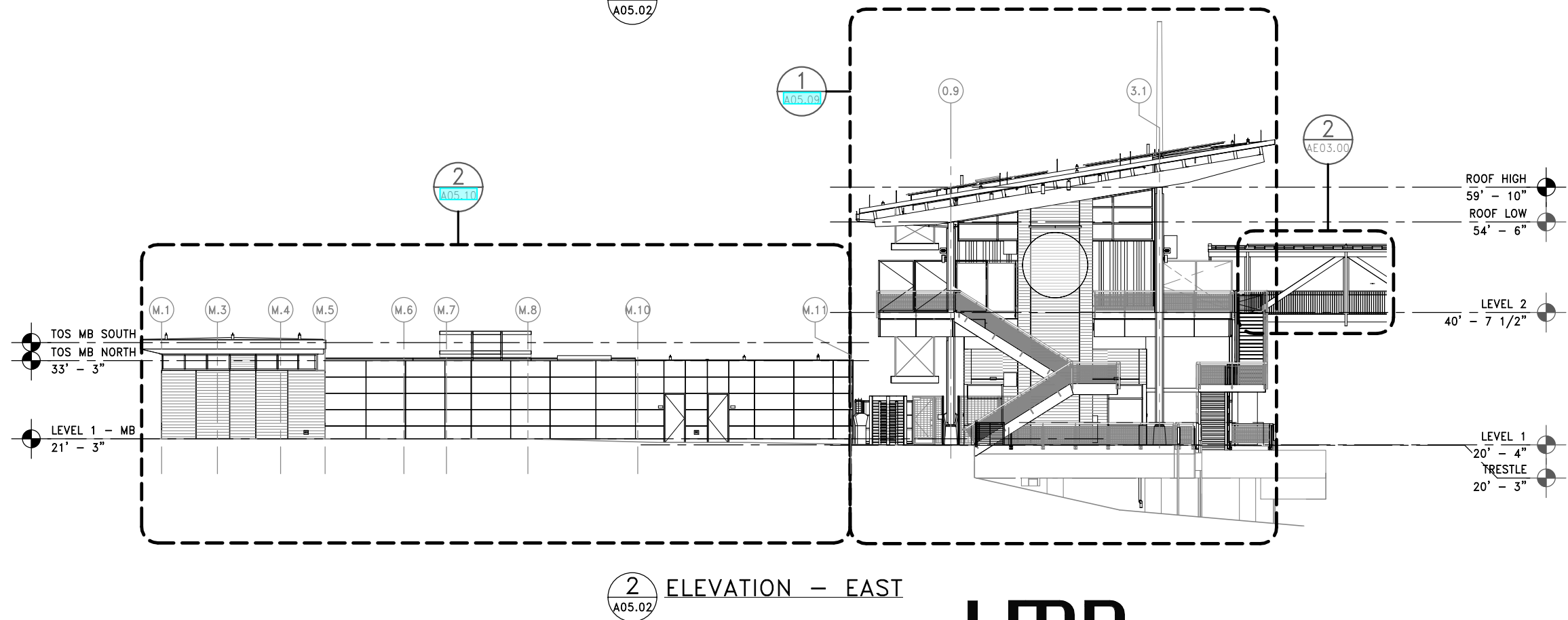
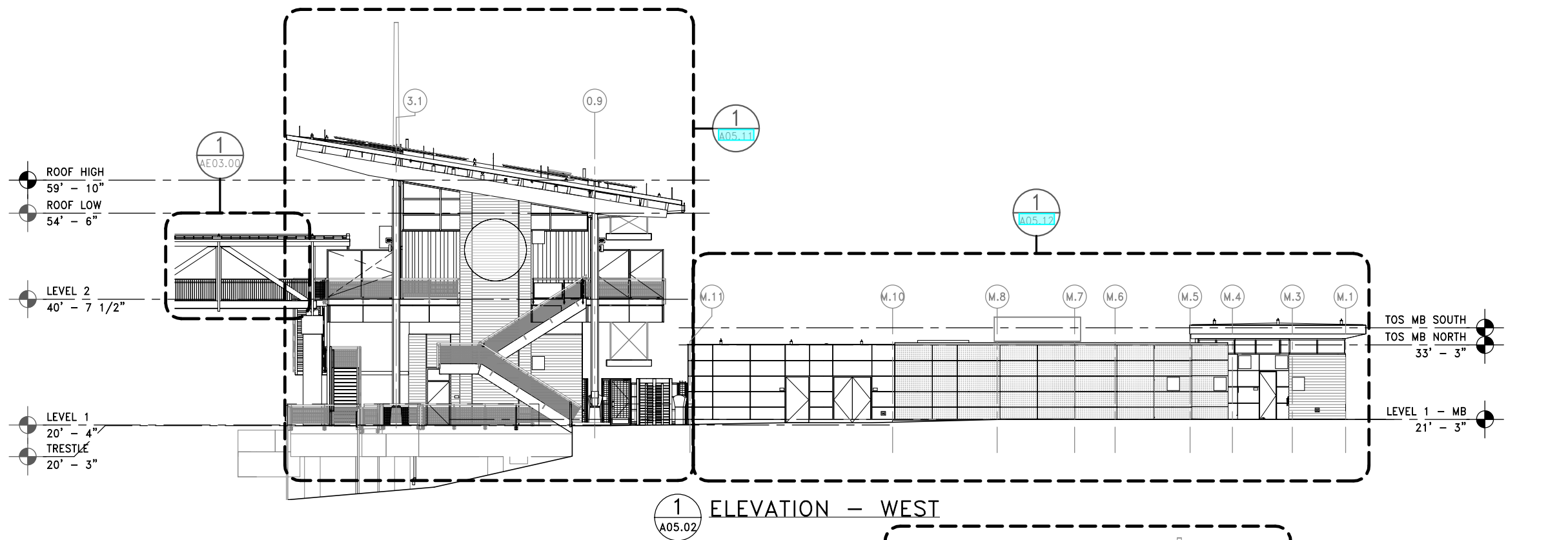
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WALT W. NIEHOFF JR.

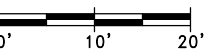
STATE OF WASHINGTON

01/18/19

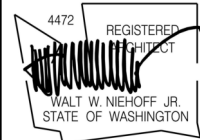
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LMN



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MAR PROJ ENGR:	C. TORRES				CONTRACT NO.	
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		REVISION	DATE	BY		



01/18/19

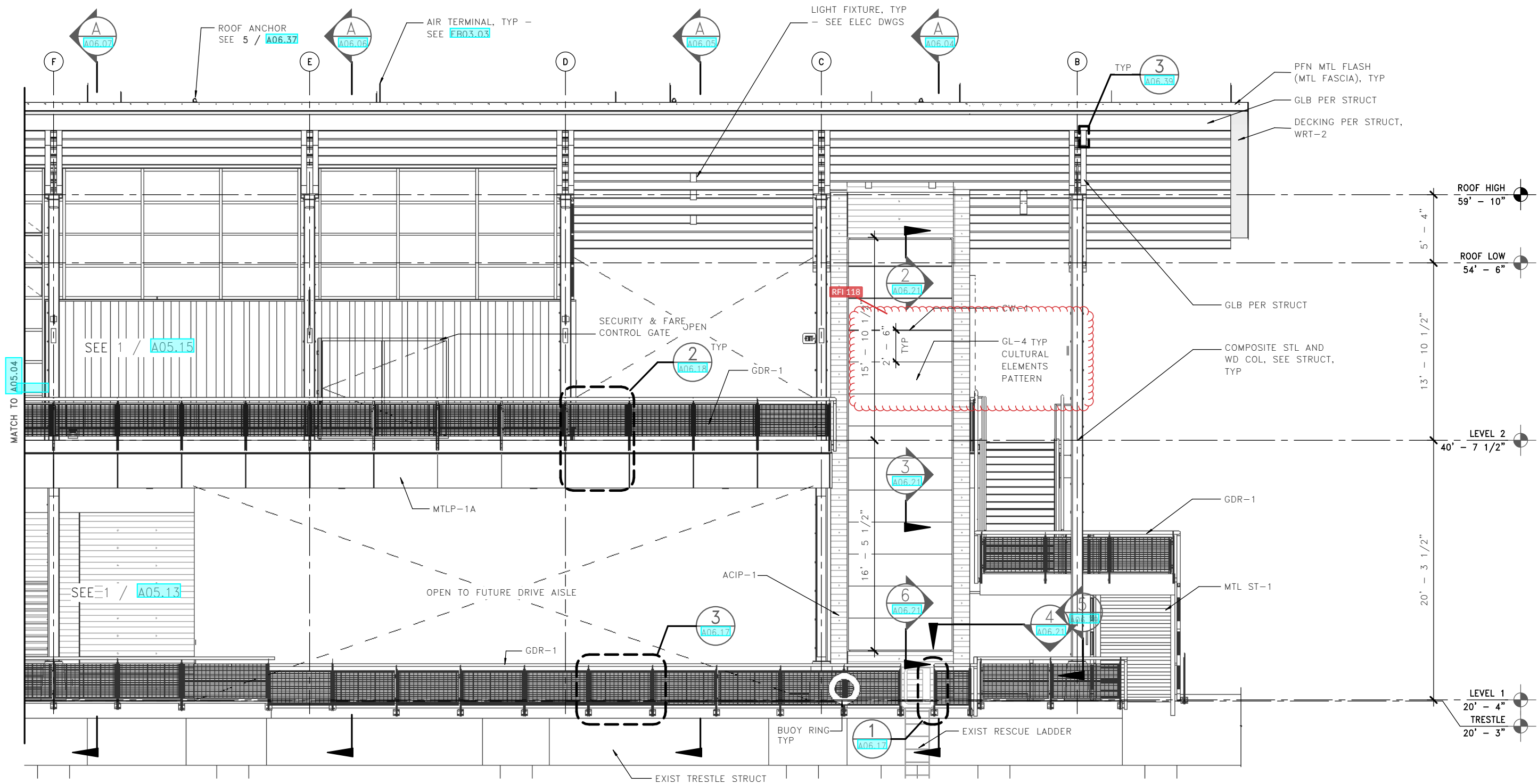


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EXT ELEV - OVERALL E&W

A05.02
SHEET
946
OF
1521
SHEETS

ELEV NOTES

1. SEE A5.13 THRU A05.17 FOR PARTIAL & HIDDEN ELEVATIONS
2. SEE A08.01 & A08.02 FOR GLASS TYPES AT DOORS AND FRAMES



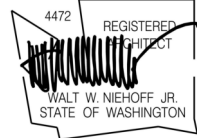
1 ELEVATION - NORTH - SECTOR A

LMN

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MAR PROJ ENGR:	C. TORRES	DGN ENGR MNGR:	N. MCINTOSH
ASST SECRETARY:	A. SCARTON	CONFORMED PLANS	01/18/19
		REVISION	DATE BY

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STATE	WA
JOB NUMBER	18W121
CONTRACT NO.	00****



01/18/19

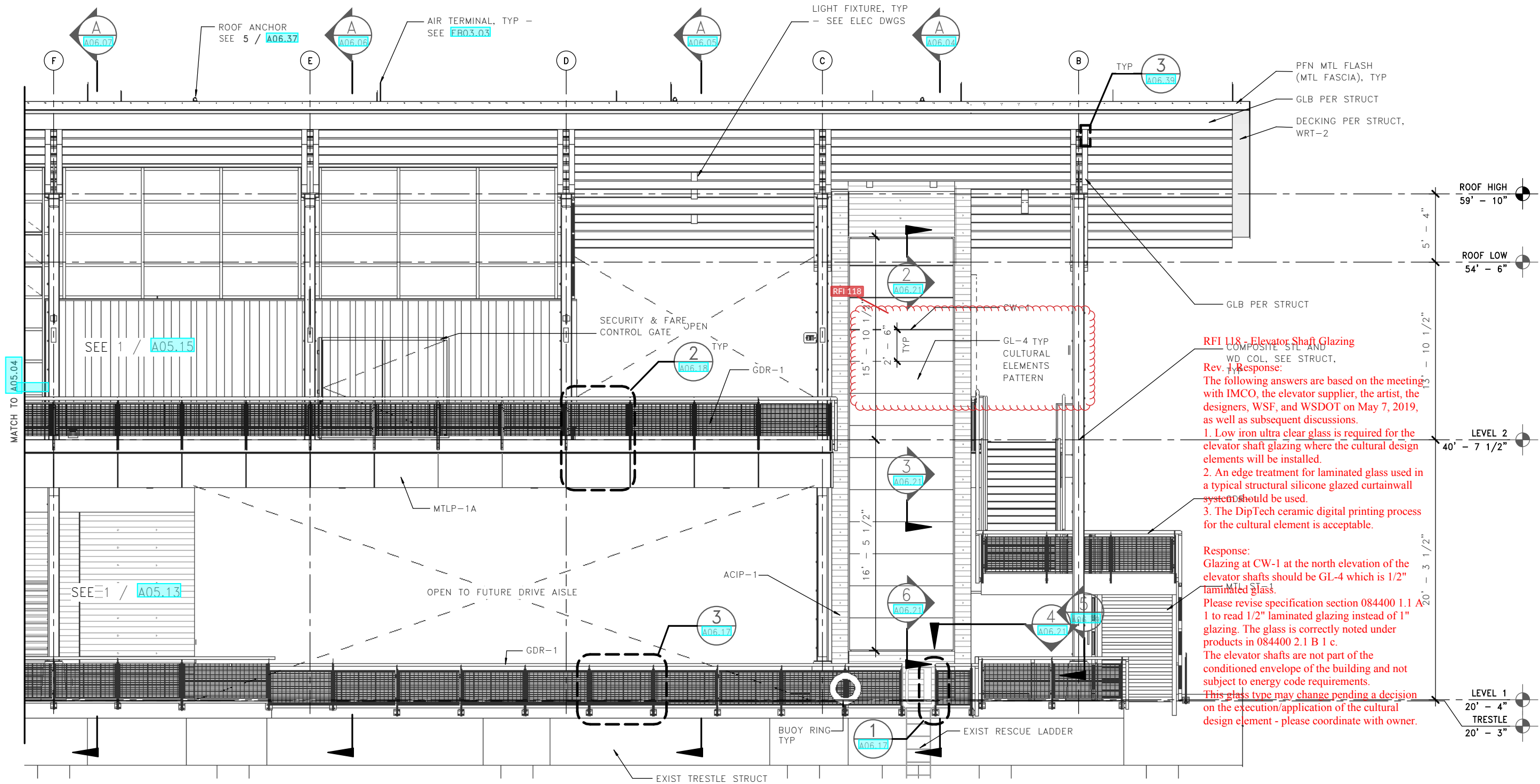


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - NORTH ELEV - SECTOR A

A05.03
SHEET
947
OF
1521
SHEETS

ELEV NOTES

- SEE A5.13 THRU A05.17 FOR PARTIAL & HIDDEN ELEVATIONS
- SEE A08.01 & A08.02 FOR GLASS TYPES AT DOORS AND FRAMES



RFI 118 - Elevator Shaft Glazing
 Rev. 1, Response:
 The following answers are based on the meeting with IMCO, the elevator supplier, the artist, the designers, WSF, and WSDOT on May 7, 2019, as well as subsequent discussions.

- Low iron ultra clear glass is required for the elevator shaft glazing where the cultural design elements will be installed.
- An edge treatment for laminated glass used in a typical structural silicone glazed curtainwall system should be used.
- The DipTech ceramic digital printing process for the cultural element is acceptable.

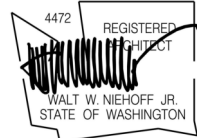
Response:
 Glazing at CW-1 at the north elevation of the elevator shafts should be GL-4 which is 1/2" laminated glass.
 Please revise specification section 084400 1.1 A 1 to read 1/2" laminated glazing instead of 1" glazing. The glass is correctly noted under products in 084400 2.1 B 1 c.
 The elevator shafts are not part of the conditioned envelope of the building and not subject to energy code requirements.
 This glass type may change pending a decision on the execution/application of the cultural design element - please coordinate with owner.

1 ELEVATION - NORTH - SECTOR A

LMN

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DESIGNED BY: H. FITZPATRICK	01/18/2019		
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MAR PROJ ENGR: C. TORRES			
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19
ASST SECRETARY: A. SCARTON		REVISION	DATE BY

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REGION NO. 10	STATE WA
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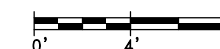
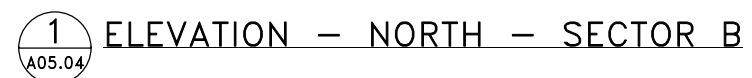
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SR 525
 MUKILTEO FERRY TERMINAL (PHASE 2)
 FERRY TERMINAL CONSTRUCTION
 TERMINAL - NORTH ELEV - SECTOR A

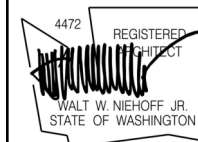
A05.03
SHEET 947 OF 1521 SHEETS

1. SEE A5.13 THRU A05.17 FOR PARTIAL & HIDDEN ELEVATIONS
2. SEE A08.01 & A08.02 FOR GLASS TYPES AT DOORS AND FRAMES



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MAR PROJ ENGR: C. TORRES			
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	
ASST SECRETARY: A. SCARTON		REVISION	

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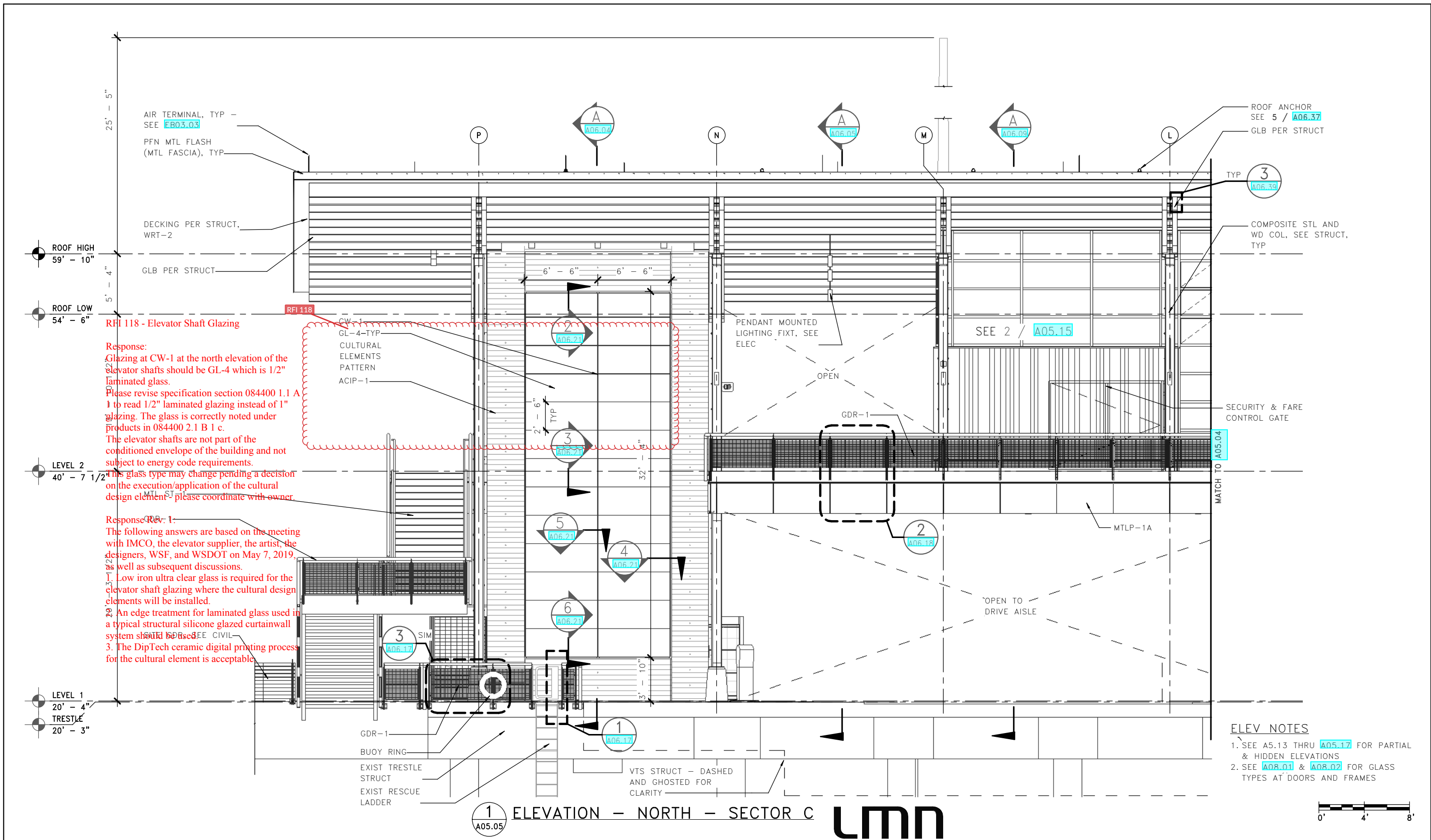
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Department of Transportation**
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL – NORTH ELEV – SECTOR B



A05.04
SHEET
948
OF
1521
SHEETS

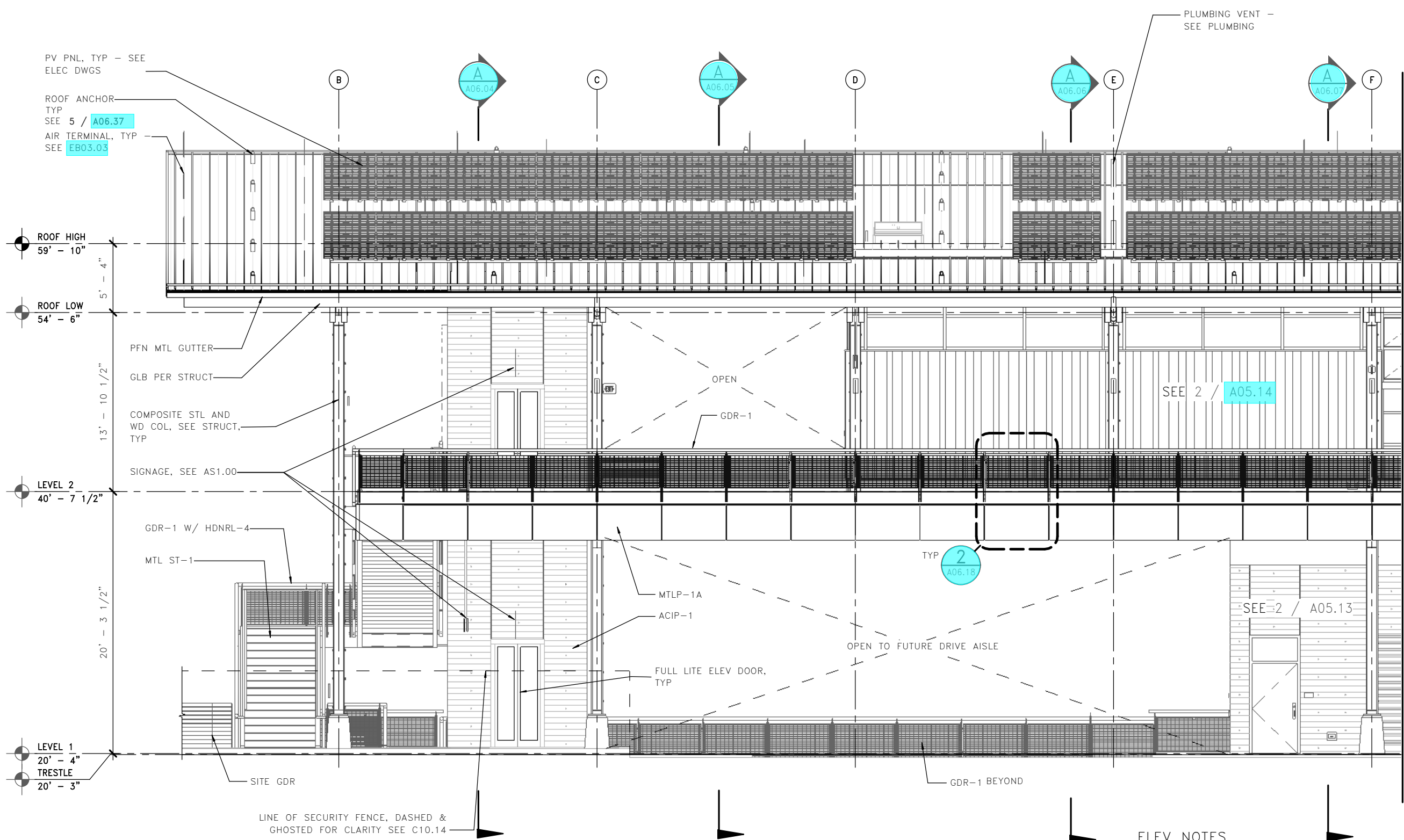


Response:
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Response R-1:
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- ELEV NOTES**
- SEE A5.13 THRU A05.17 FOR PARTIAL & HIDDEN ELEVATIONS
 - SEE A08.01 & A08.02 FOR GLASS TYPES AT DOORS AND FRAMES

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt										<div><div>4472 REGISTERED ARCHITECT  WALT W. NIEHOFF JR. STATE OF WASHINGTON</div><div>01/18/19 DATE</div></div>										<div><div> Washington State Department of Transportation WASHINGTON STATE FERRIES</div></div>										SR 525										A05.05																																		
PRINTED: 1/16/2019 2:03:36 PM					LAST PRINTED BY: MGREENSHIELDS																									FED.AID PROJ.NO. WA-2017-007-00					MUKILTEO FERRY TERMINAL (PHASE 2)										SHEET 949																													
SUBMITTAL DATE: 01/18/2019					DESIGNED BY: H. FITZPATRICK					ENTERED BY: G. BISHOP					CHECKED BY: M. FISHER					MAR PROJ ENGR: C. TORRES					DGN ENGR MNGR: N. MCINTOSH					ASST SECRETARY: A. SCARTON					CONFORMED PLANS 01/18/19					REVISION					DATE					BY					FERRY TERMINAL CONSTRUCTION										OF 1521 SHEETS									
JOB NUMBER 18W121					CONTRACT NO. 00****					TERMINAL - NORTH ELEV - SECTOR C																																																																





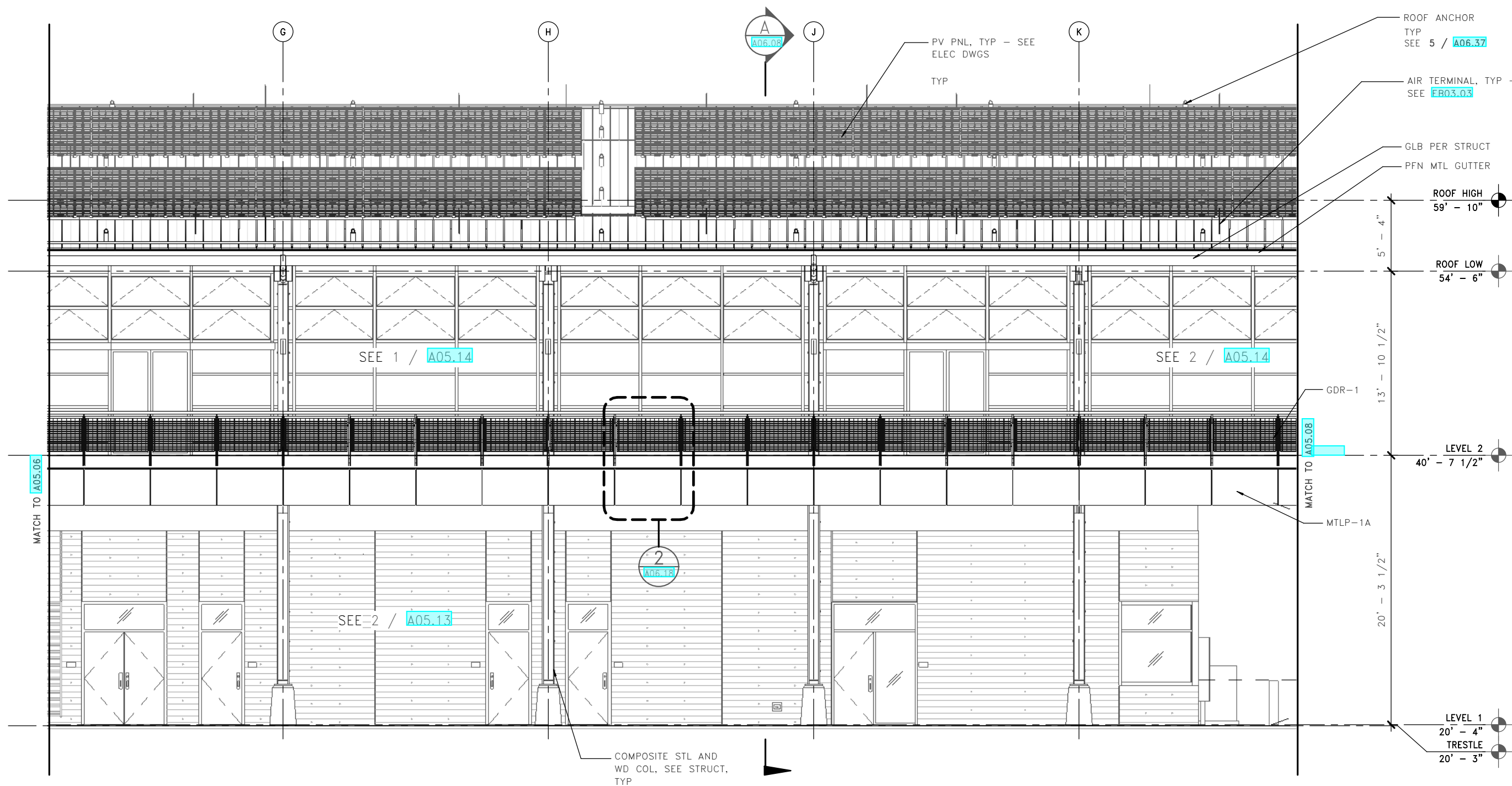
1 ELEVATION - SOUTH - SECTOR A

ELEV NOTES

- SEE A5.13 THRU A05.17 FOR PARTIAL & HIDDEN ELEVATIONS
- SEE A08.01 & A08.02 FOR GLASS TYPES AT DOORS AND FRAMES

0' 4' 8'

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90.rvt												<div>4472 REGISTERED ARCHITECT  WALT W. NIEHOFF JR. STATE OF WASHINGTON</div>	<div> Washington State Department of Transportation WASHINGTON STATE FERRIES</div>	SR 525		A05.06
PRINTED: 1/16/2019 2:03:42 PM		LAST PRINTED BY:				FED.AID PROJ.NO.		MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION						SHEET		
SUBMITTAL DATE: 01/18/2019		MGREENSHIELDS						WA-2017-007-00		TERMINAL - SOUTH ELEV - SECTOR A		950				
DESIGNED BY: H. FITZPATRICK		01/18/2019						REGION NO. STATE				OF				
ENTERED BY: G. BISHOP		01/18/2019						10 WA				1521				
CHECKED BY: M. FISHER		01/18/2019						JOB NUMBER				SHEETS				
MAR PROJ ENGR: C. TORRES								18W121								
DGN ENGR MNGR: N. MCINTOSH				CONFORMED PLANS		01/18/19		CONTRACT NO.								
ASST SECRETARY: A. SCARTON				REVISION		DATE BY		00****								



1 ELEVATION - SOUTH - SECTOR B
A05.07

LMN

ELEV NOTES

1. SEE A5.13 THRU A05.17 FOR PARTIAL & HIDDEN ELEVATIONS
2. SEE A08.01 & A08.02 FOR GLASS TYPES AT DOORS AND FRAMES



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01/18/2019

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01/18/2019

MAR PROJ ENGR: C. TORRES

N. MCINTOSH

DGN ENGR MNGR: N. MCINTOSH

A. SCARTON

ASST SECRETARY: A. SCARTON

CONFORMED PLANS

01/18/19

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WA-2017-007-00

REGION NO.

10

STATE

WA

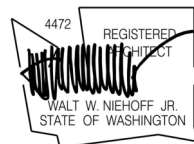
JOB NUMBER

18W121

CONTRACT NO.

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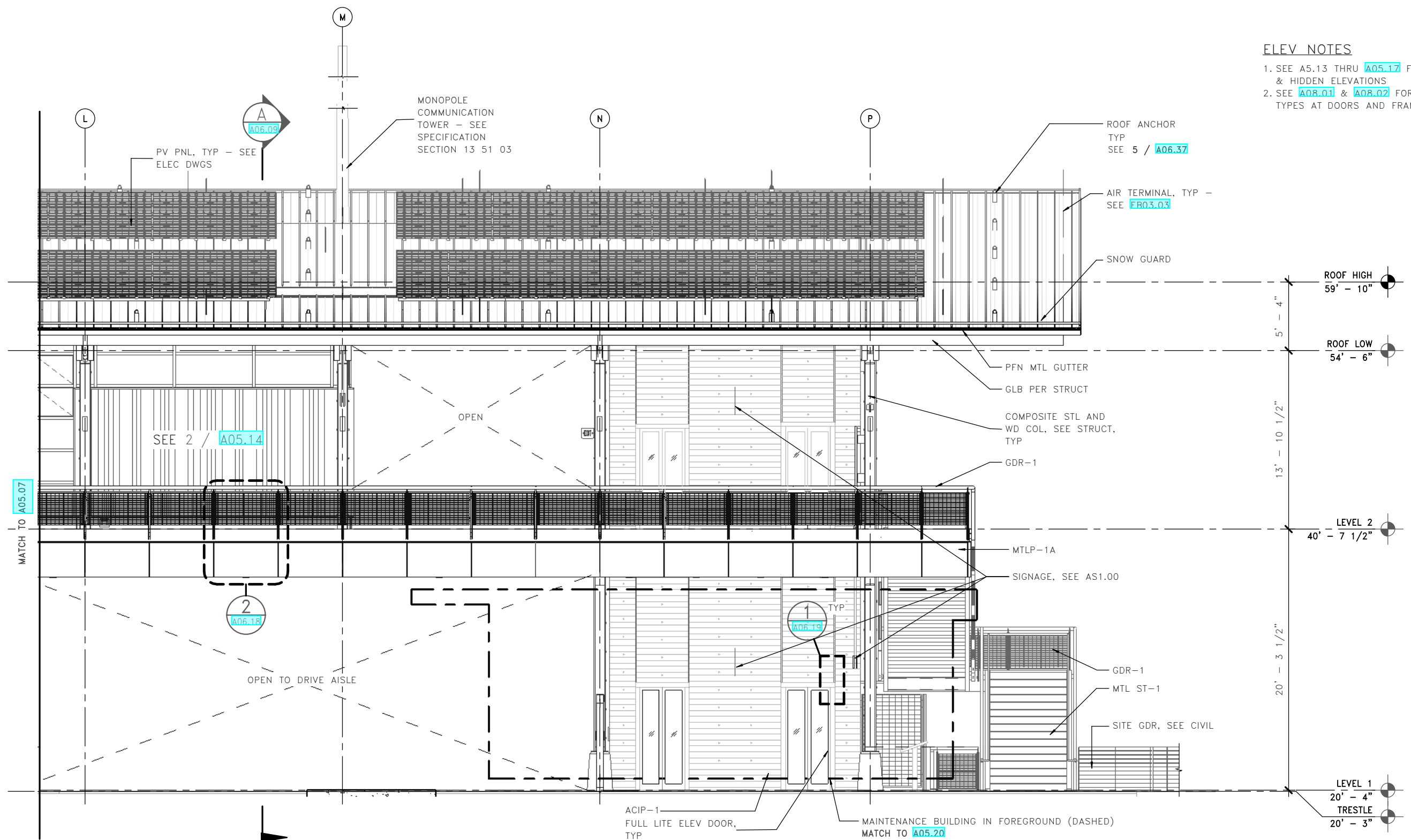


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SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - SOUTH ELEV - SECTOR B

A05.07
SHEET
951
OF
1521
SHEETS



ELEV NOTES

1. SEE A5.13 THRU A05.17 FOR PARTIAL & HIDDEN ELEVATIONS
2. SEE A08.01 & A08.02 FOR GLASS TYPES AT DOORS AND FRAMES

1 ELEVATION - SOUTH - SECTOR C

LMN

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DGN ENGR MNGR: N. MCINTOSH

ASST SECRETARY: A. SCARTON

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REGION NO. STATE

10 WA

JOB NUMBER

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CONTRACT NO.

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DATE

01/18/19

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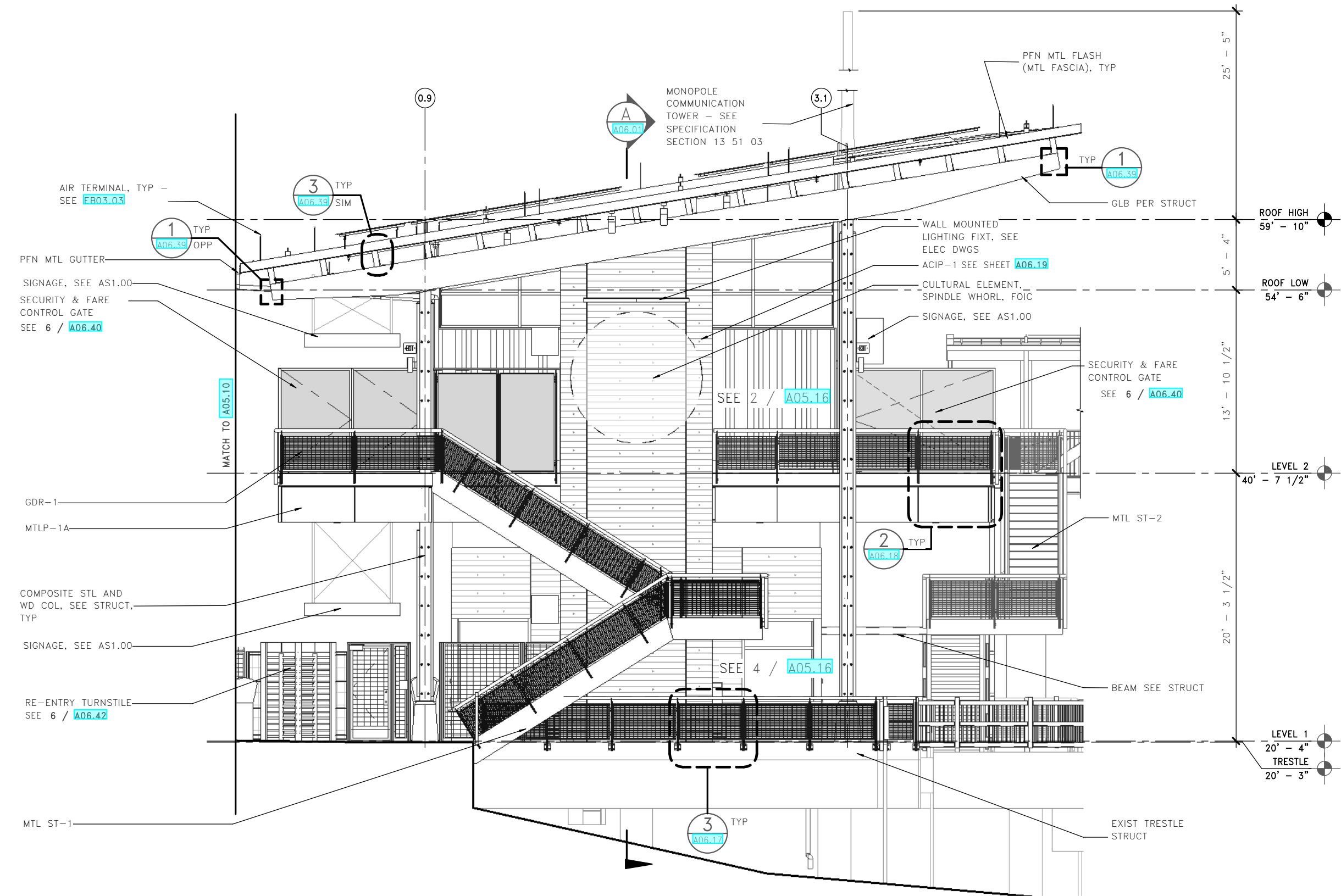


Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - SOUTH ELEV - SECTOR C

A05.08

SHEET
952
OF
1521
SHEETS



- ELEV NOTES**
1. SEE A5.13 THRU A05.17 FOR PARTIAL & HIDDEN ELEVATIONS
 2. SEE A08.01 & A08.02 FOR GLASS TYPES AT DOORS AND FRAMES

1 ELEVATION - EAST - SECTOR C
A05.09

LMN

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ENTERED BY: G. BISHOP	01/18/2019				CONTRACT NO. 00****	
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MAR PROJ ENGR: C. TORRES						
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19			
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY		

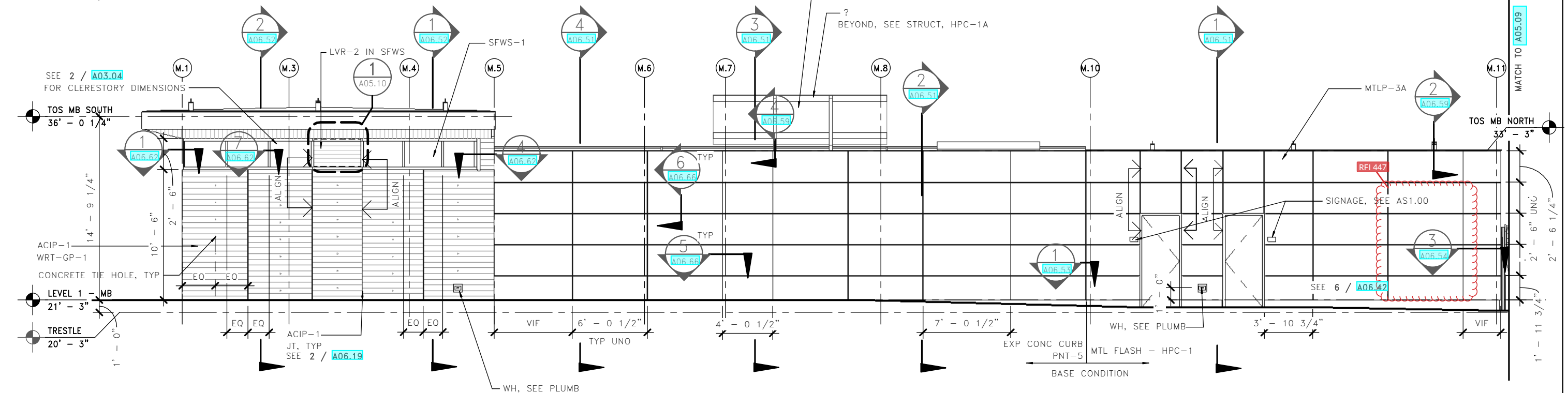
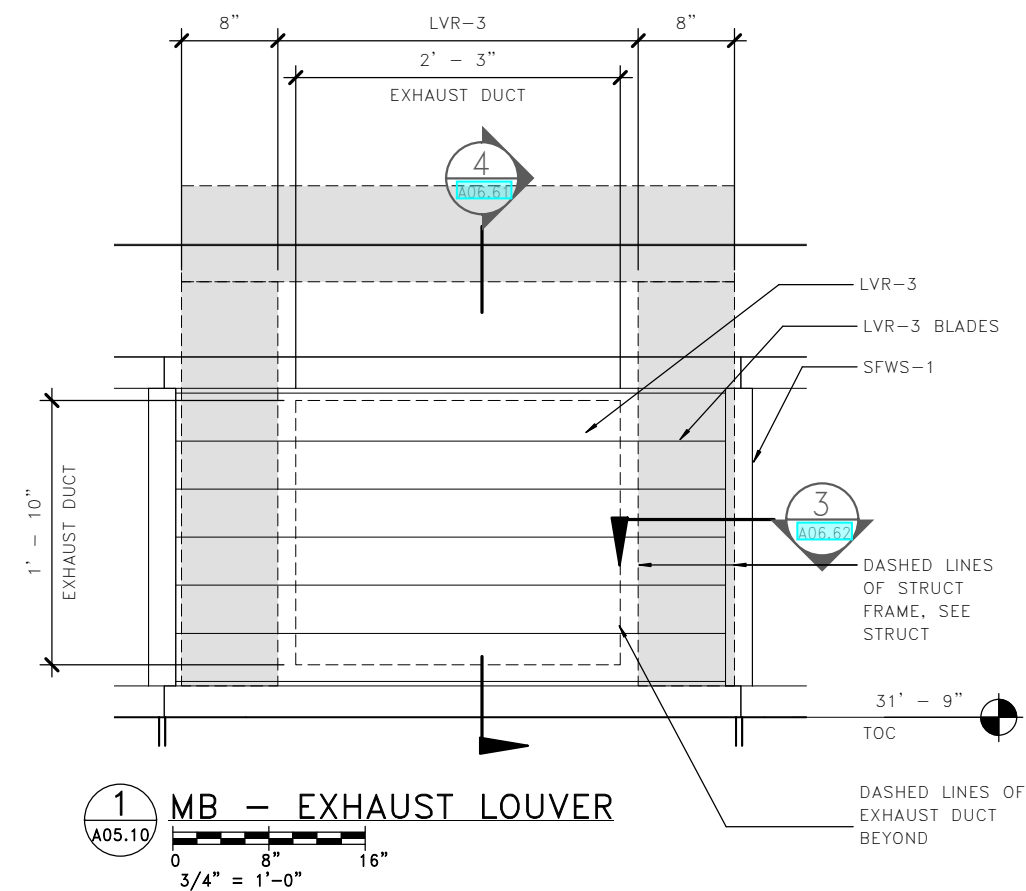


01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EAST ELEV - SECTOR C

A05.09
SHEET
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2 ELEVATION - EAST - SECTORS D & E

LMN

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ENTERED BY: G. BISHOP	01/18/2019	JOB NUMBER 18W121	
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MAR PROJ ENGR: C. TORRES			
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19
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01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EAST ELEV - SECTOR D&E

A05.10
SHEET
954
OF
1521
SHEETS

RFI 447 - SNOPUD Disconnect Switch

Response:

See attached sketch for direction on door location and MTLP 3A joints. The door should match door 124B. See details on A08.15. Hardware should not include exit device and kick plate. Lock per SNOPUD requirements. Seal off area around the disconnect panel from the rest of the space so the new door only provides access to the disconnect switch. WSDOT to give direction on signage (LMN).

As per attached sketch:

MTLP-3A PANELS IN THE BLUE AREA WILL CHANGE FROM WHAT WAS APPROVED IN RFI-430. ALL THE PANELS TO THE LEFT (SOUTH) OF THAT REMAIN UNCHANGED. PLACE THE NEW DOOR AS FAR FROM GRID M.11 AS POSSIBLE

Response Rev.1:

It is acceptable to sawcut a single mandoor opening into the existing CMU wall at the area shown on the next page, The top of the new opening should match the existing mandoor openings along the wall. No reinforcing at the jambs or head of the new opening is required.

Add GWB around panel to infill remaining space

PLUMBING VENT -
SEE PLUMBING

PFN MTL FLASH
(MTL FASCIA), TYP

GLB PER STRUCT

COMPOSITE STL AND
WD COL, SEE STRUCT,
TYP

SIGNAGE, SEE AS1.00

SECURITY & FARE
CONTROL GATE

OHL PIERCOLUMNS
SEE SP03.00

GDR-1
SLOPES WITH TRESTLE

EXIST TRESTLE
STRUCT

MONOPOLE
COMMUNICATION
TOWER - SEE
SPECIFICATION
SECTION 13 51 03

ACIP-1
SEE SHEET A06.19

AIR TERMINAL, TYP -
SEE FR03.03

TYP
SIM

ROOF HIGH
59' - 10"

ROOF LOW
54' - 6"

TYP
OPP

SIGNAGE, SEE AS1.00

CULTURAL ELEMENT,
SPINDLE WHORL, FOIC

LEVEL 2
40' - 7 1/2"

MATCH TO A05.12

GDR-1
MTLP-1A

SIGNAGE, SEE AS1.00

LEVEL 1
20' - 4"

TRESTLE
20' - 3"

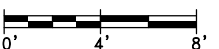
SITE FENCING - SEE C10.14

GDR-1 W/ HDNRL-4

MTL ST-1

ELEV NOTES

1. SEE A5.13 THRU A05.17 FOR PARTIAL
& HIDDEN ELEVATIONS
2. SEE A08.01 & A08.02 FOR GLASS
TYPES AT DOORS AND FRAMES



1 ELEVATION - WEST - SECTOR A

LMN

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DGN ENGR MNGR: N. MCINTOSH

ASST SECRETARY: A. SCARTON

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DATE

01/18/19

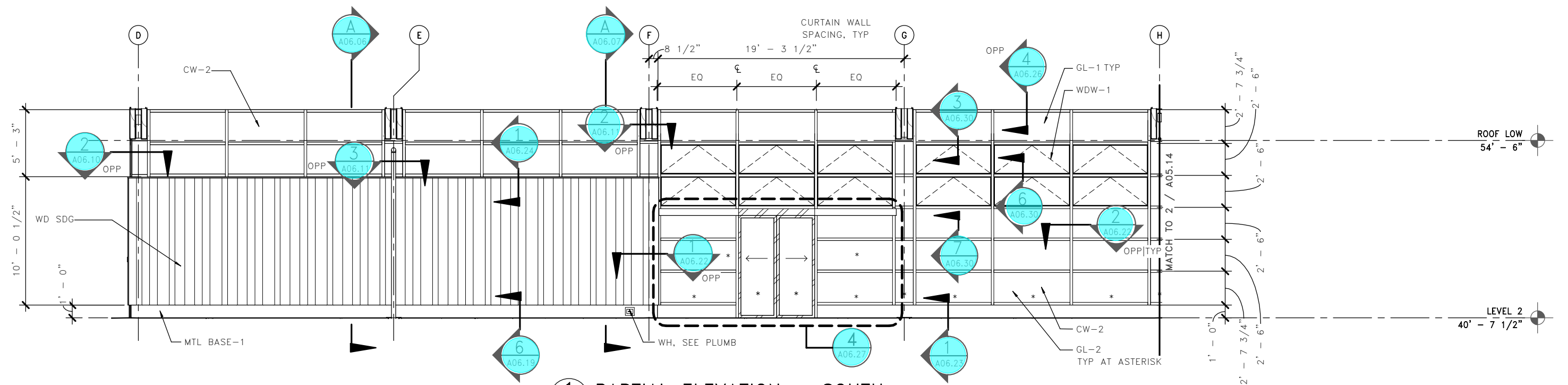
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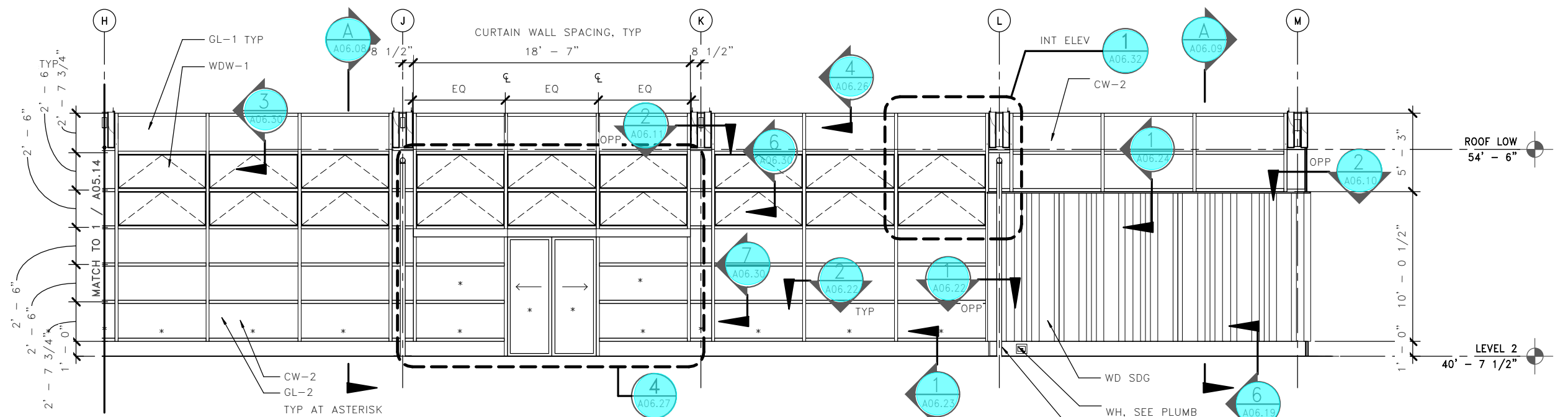
Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - WEST ELEV - SECTOR A

A05.11
SHEET
955
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1521
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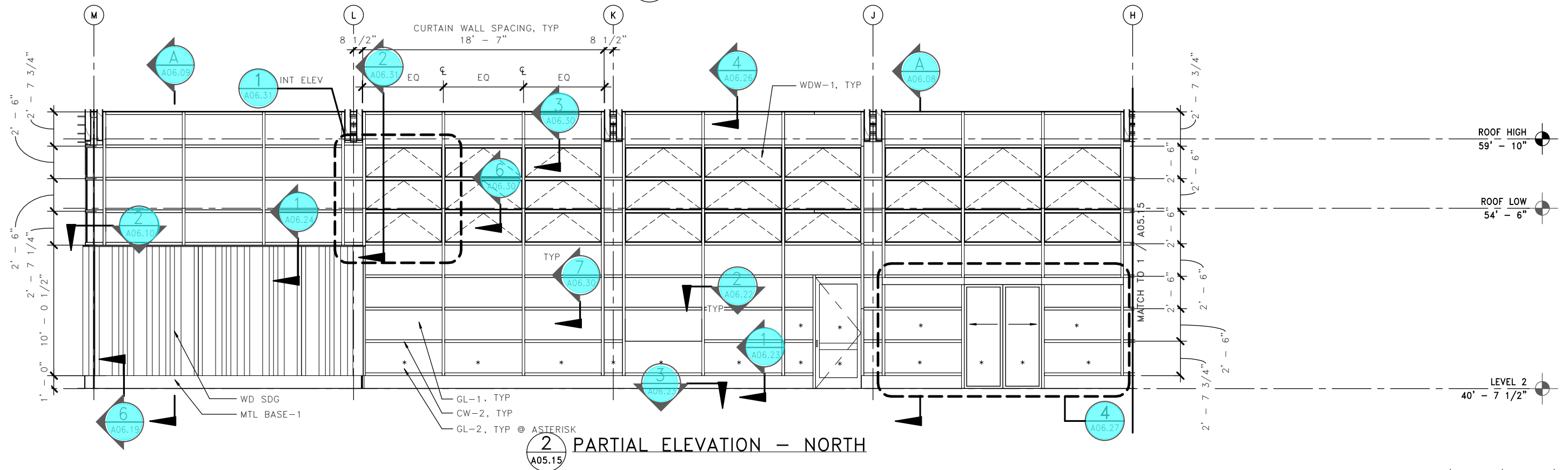
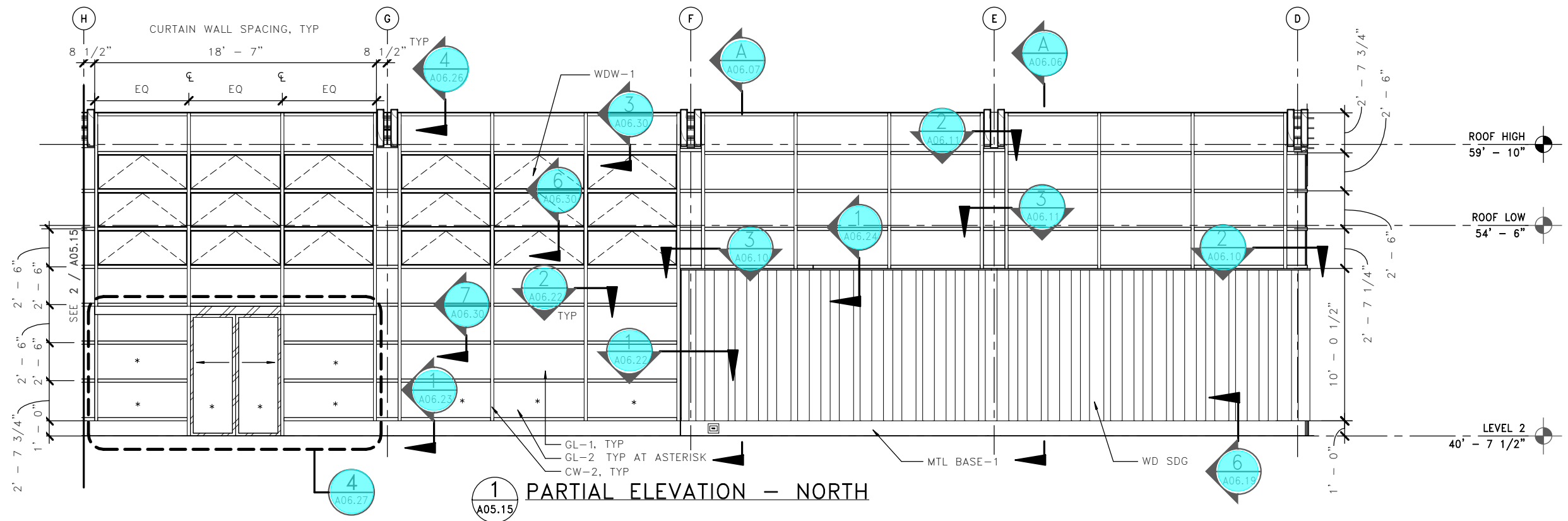
1 PARTIAL ELEVATION - SOUTH
A05.14



2 PARTIAL ELEVATION - SOUTH
A05.14





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PRINTED: 1/16/2019 2:04:41 PM				MUKILTEO FERRY TERMINAL (PHASE 2)				SHEET	
SUBMITTAL DATE: 01/18/2019				FERRY TERMINAL CONSTRUCTION				958	
DESIGNED BY: H. FITZPATRICK				TERMINAL - PARTIAL ELEVATIONS				OF	
ENTERED BY: G. BISHOP								1521	
CHECKED BY: M. FISHER								SHEETS	
MAR PROJ ENGR: C. TORRES									
DGN ENGR MNGR: N. MCINTOSH									
ASST SECRETARY: A. SCARTON									

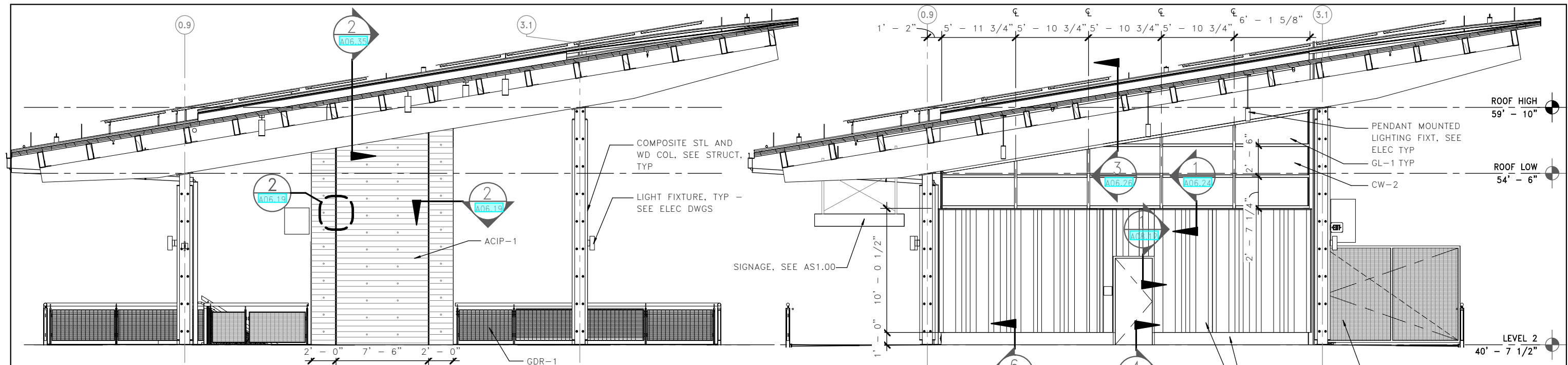


LMN



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SHEET																	
959																	
OF																	
1521																	
SHEETS																	

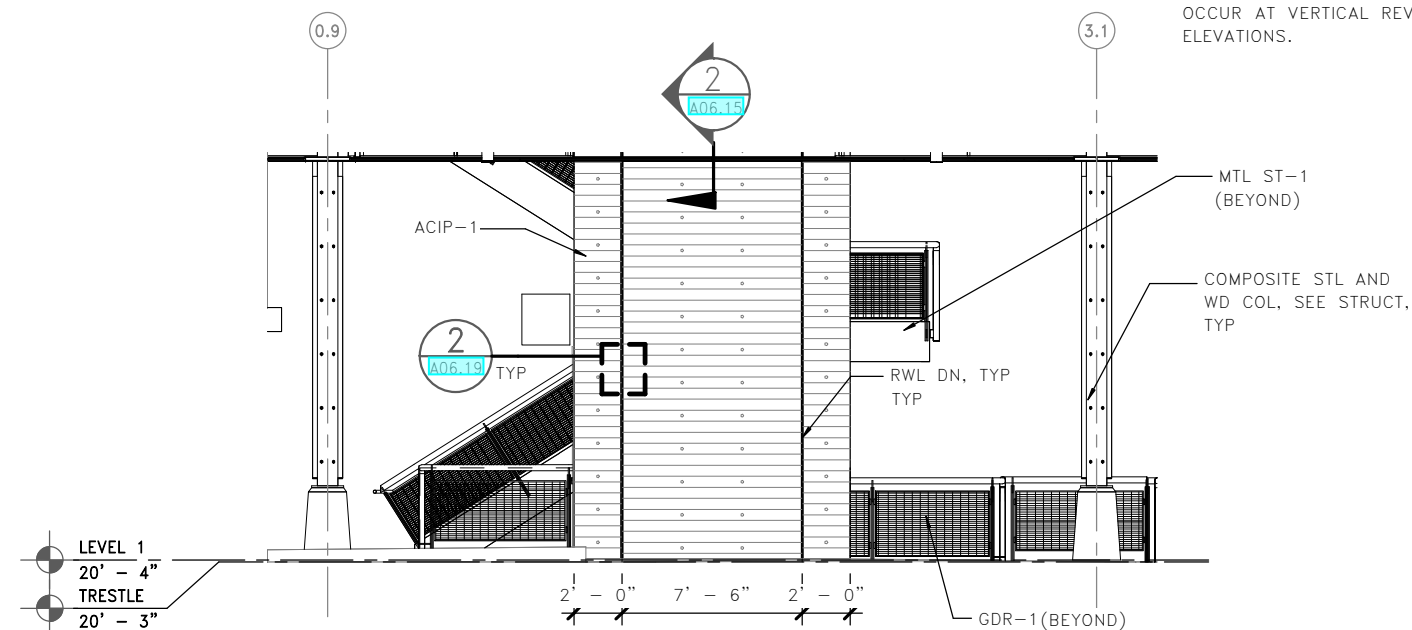
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MAR PROJ ENGR: C. TORRES				18W121	
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS		01/18/19	
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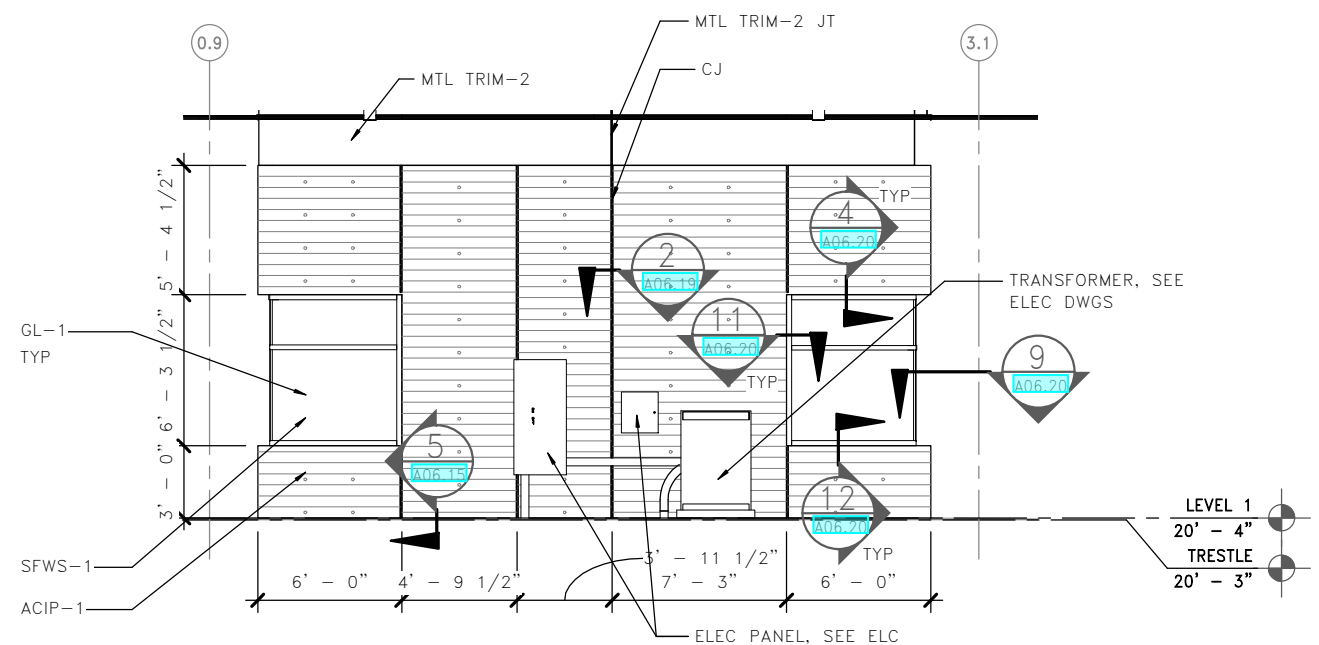
1 PARTIAL ELEVATION - EAST (WEST OPPOSITE)

2 PARTIAL ELEVATION - EAST (WEST OPPOSITE)

NOTE
ACIP-1 POUR LENGTHS SHALL BE BASED UPON CONTRACTOR'S ABILITY TO DO A SINGLE VERTICAL CONCRETE POUR. HORIZONTAL POUR JOINTS ARE NOT PERMITTED. VERTICAL POUR JOINTS SHALL OCCUR AT VERTICAL REVEALS INDICATED ON ELEVATIONS.



3 PARTIAL ELEVATION - EAST



4 PARTIAL ELEVATION - EAST

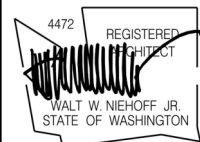
NOTES:
1. SEE A08.01 FOR GLASS TYPES AT DOORS AND FRAMES

LMN



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ENTERED BY: G. BISHOP	01/18/2019		JOB NUMBER 18W121
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MAR PROJ ENGR: C. TORRES		CONFORMED PLANS	01/18/19
DGN ENGR MNGR: N. MCINTOSH		REVISION	DATE BY
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DATE

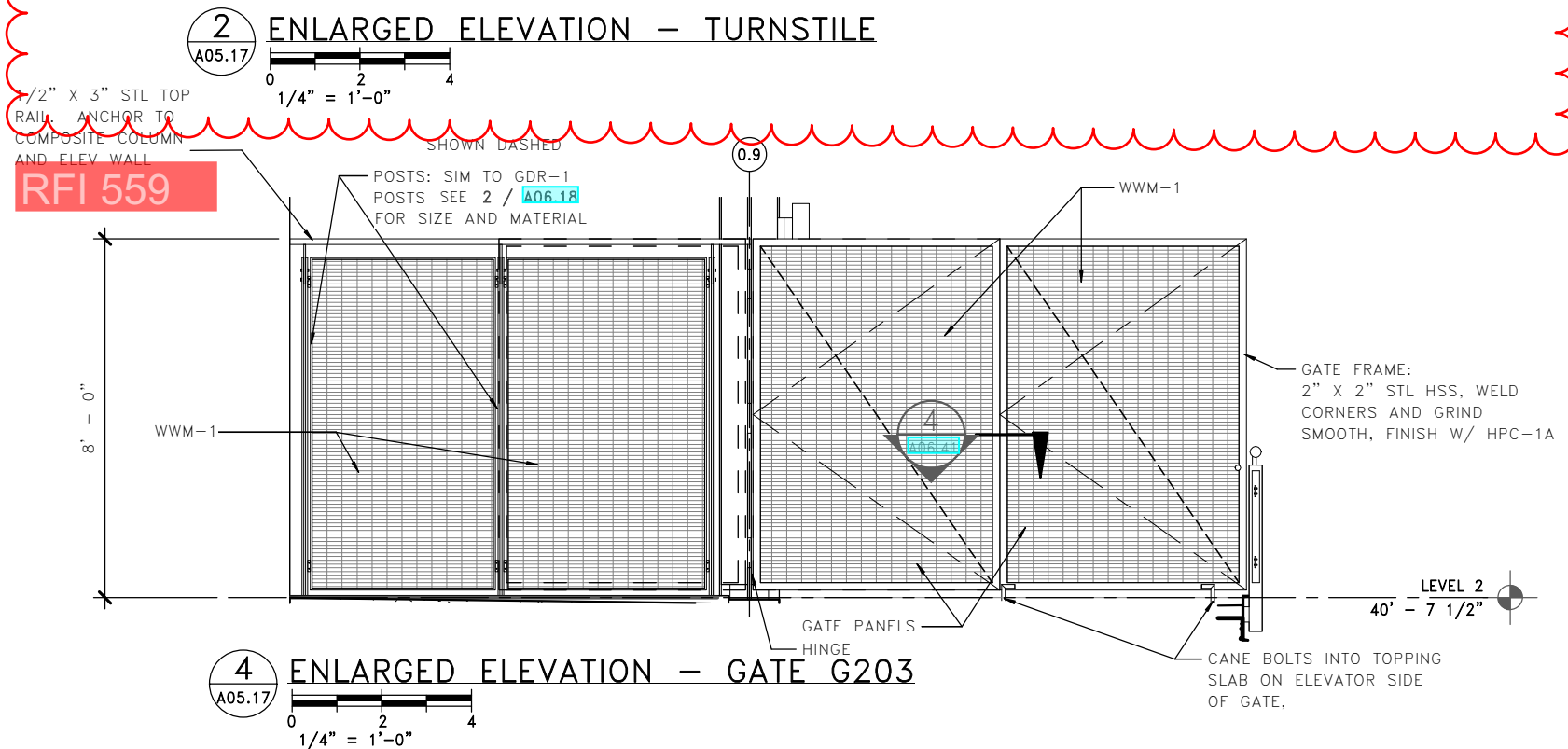
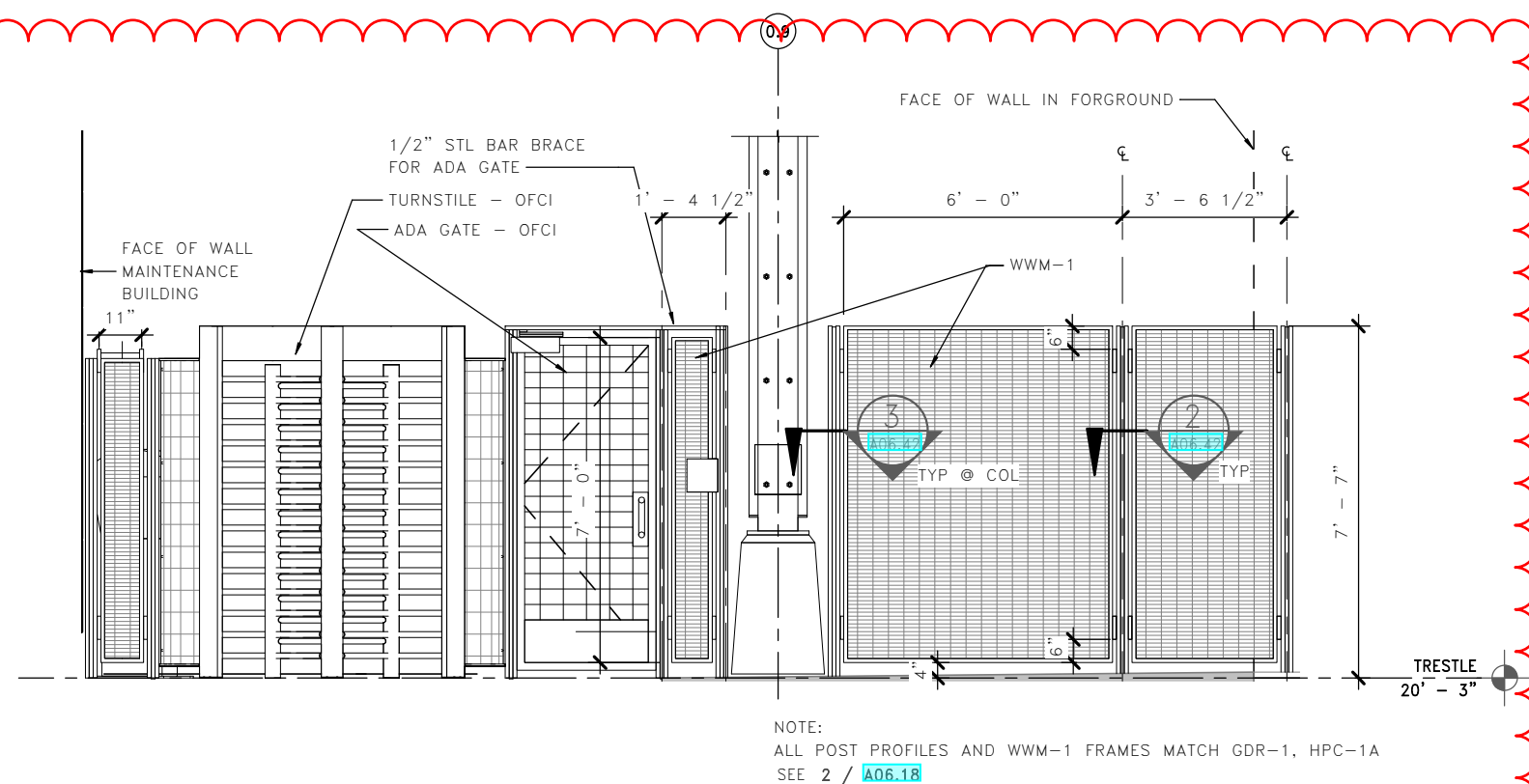
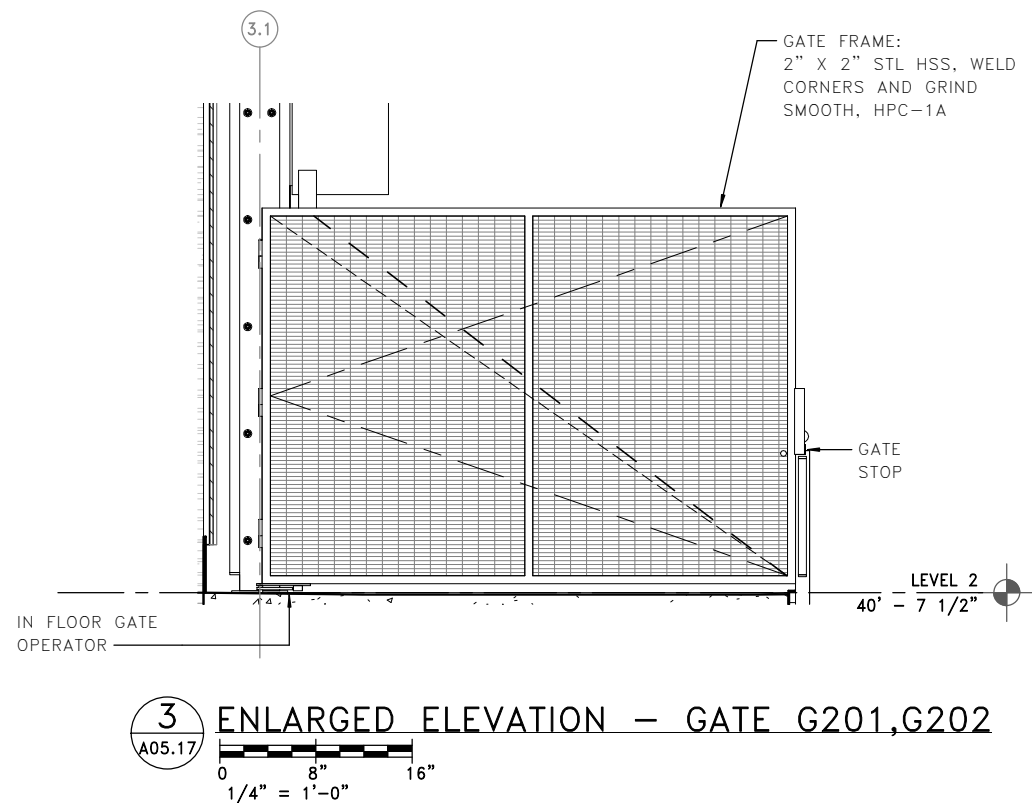
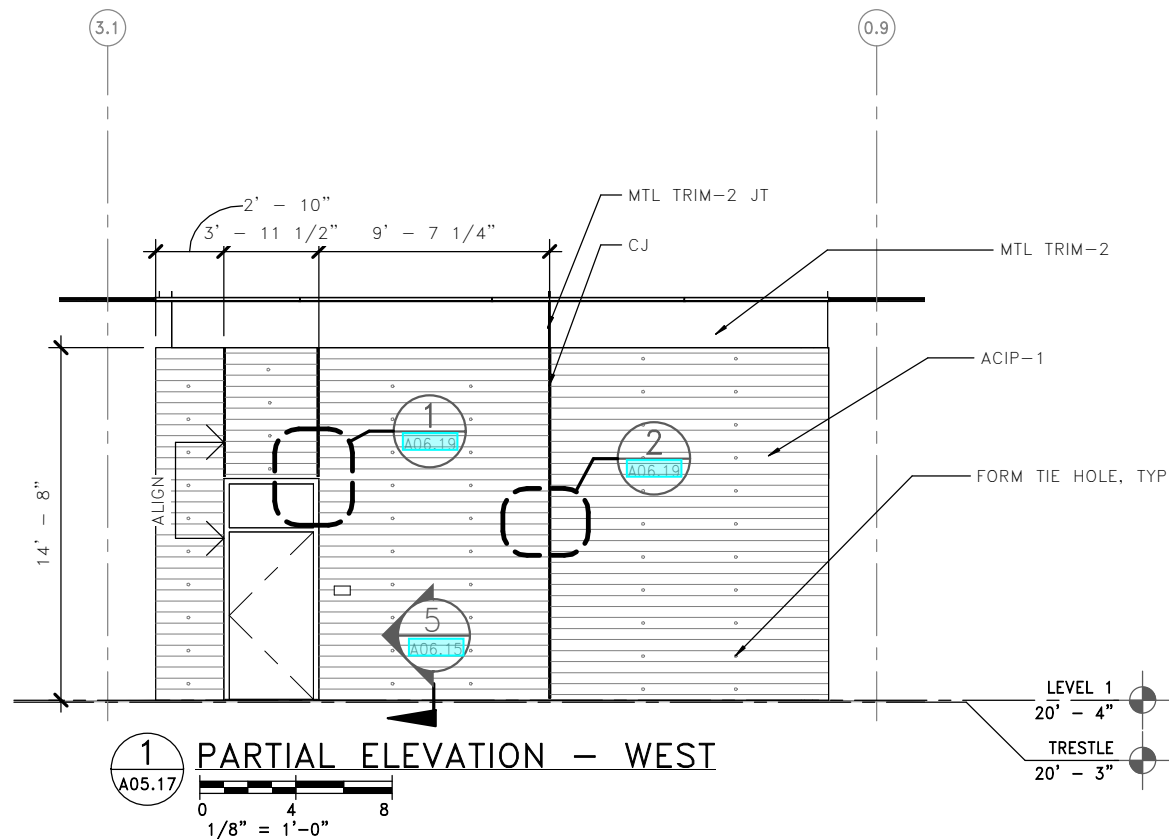


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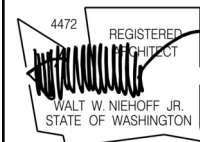
SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - PARTIAL ELEVATIONS

A05.16
SHEET
960
OF
1521
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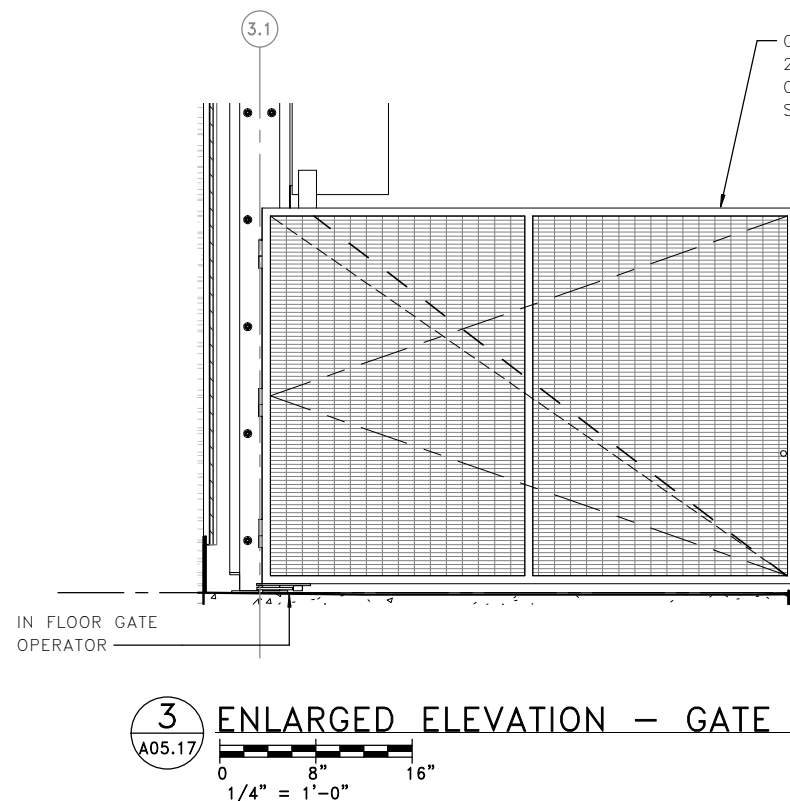
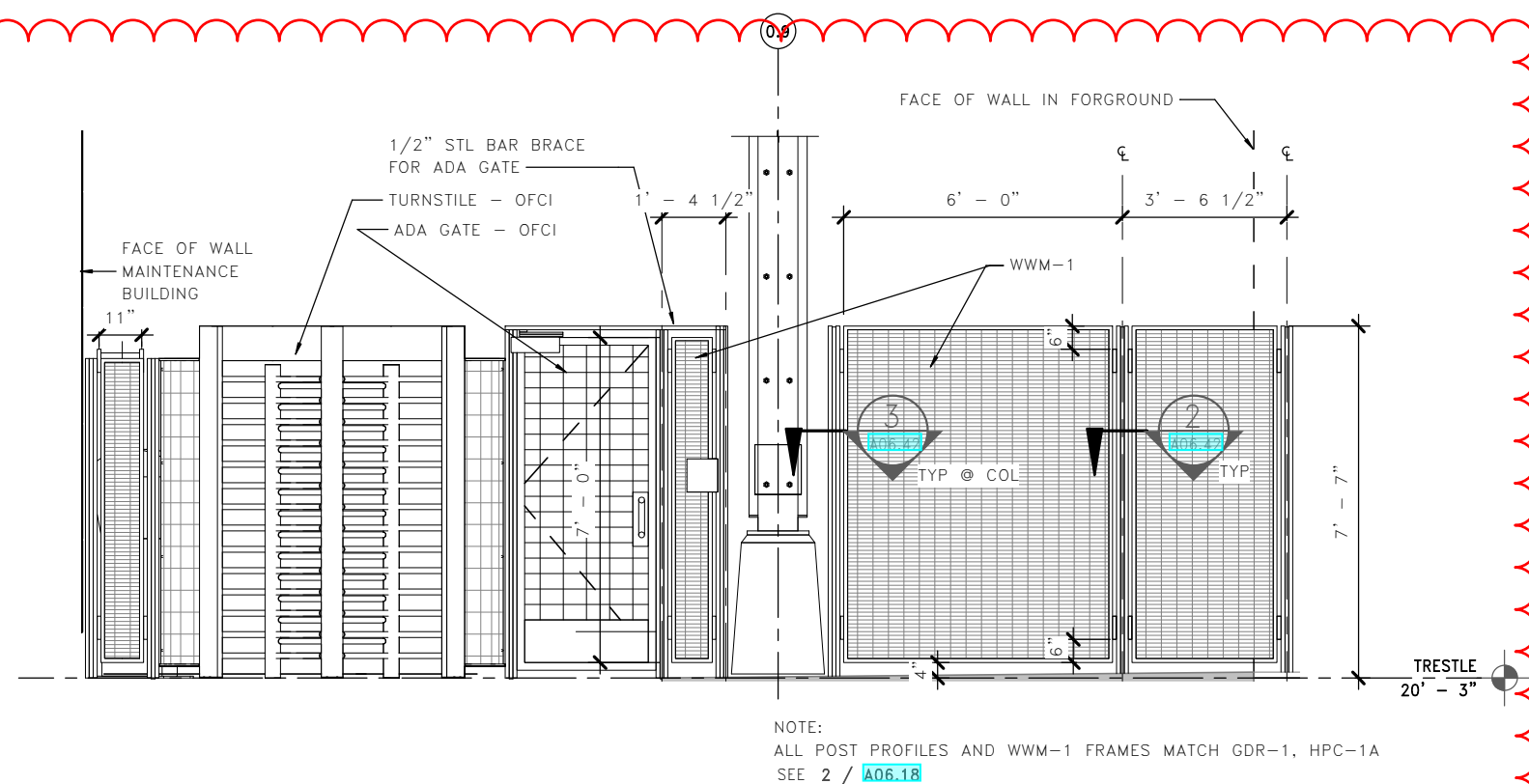
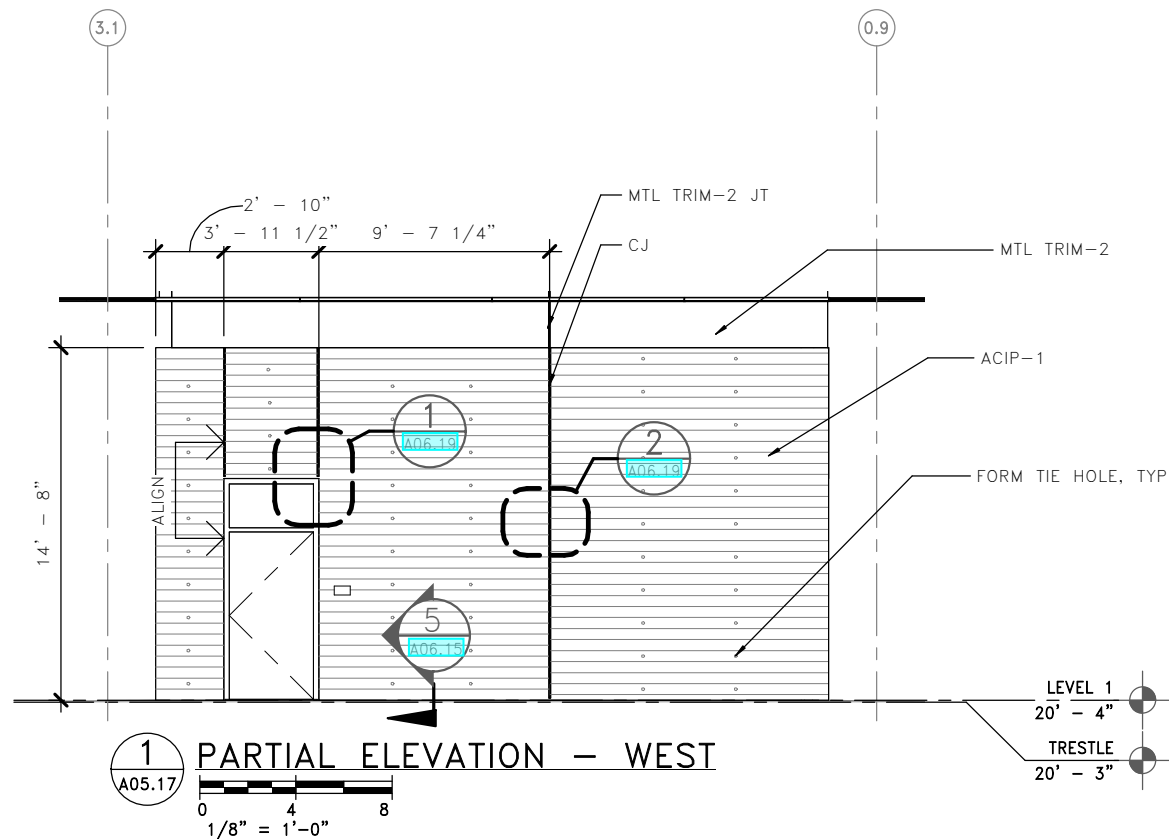


01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - PARTIAL ELEVATIONS

A05.17
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SHEETS



RFI 559 - Terminal Level 1 Turnstiles

1) Provide 96" Hayward HT431T powder coated black or approved equal with power and comm for future fare control system. Attach per manufacturer's recommendation.

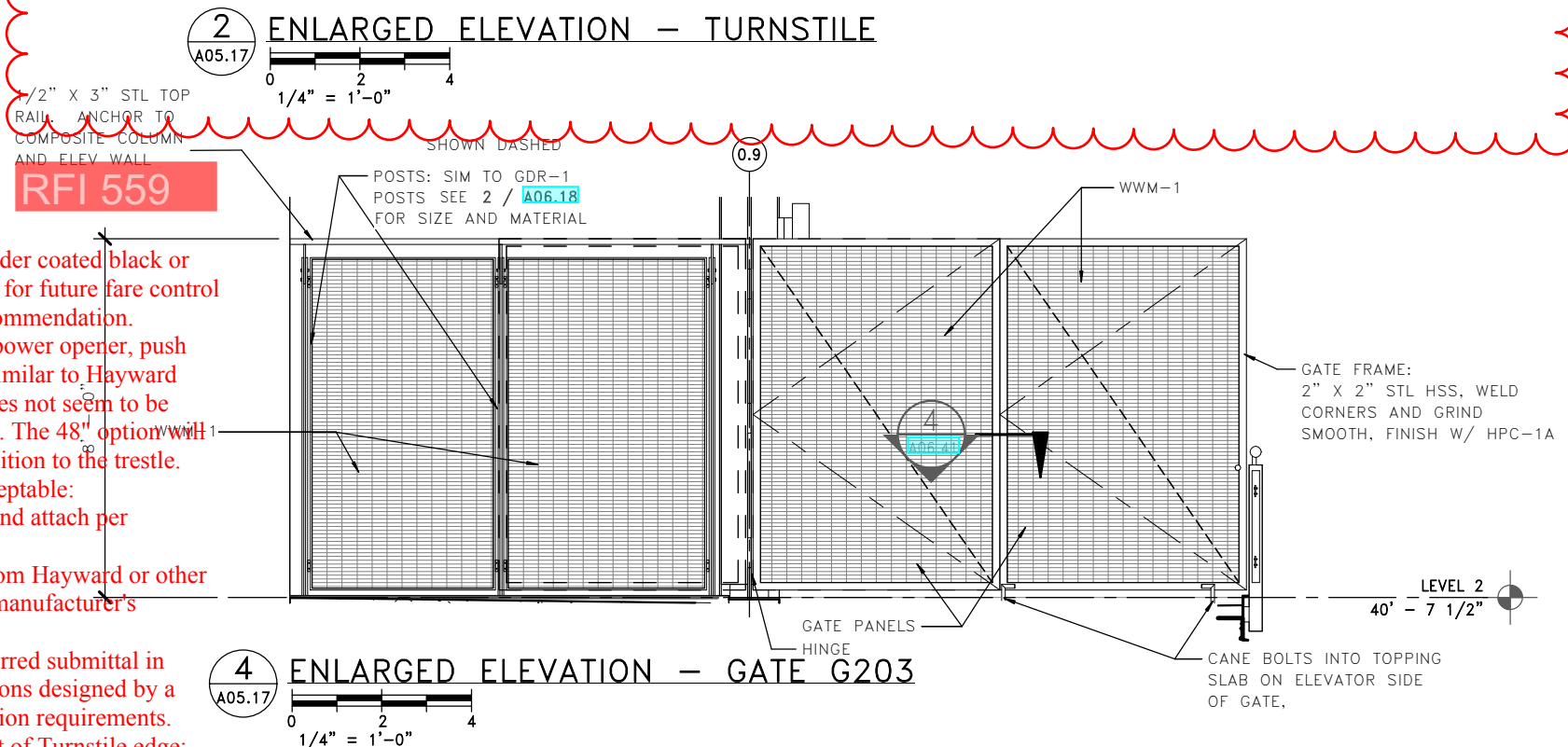
2) Provide 42" ADA swing gate with power opener, push buttons, key lock, HPC-2 finish, and similar to Hayward HT336. An off the shelf 42" option does not seem to be available but would also be acceptable. The 48" option will not work with the space and transition to the trestle. Three options for procurement are acceptable:

1) provide a 42" off the shelf gate and attach per manufacturer's recommendation

2) provide a special order option from Hayward or other gate manufacturer and attach per manufacturer's recommendation

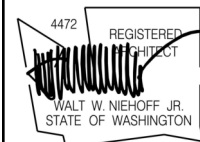
3) Submit ADA gate design as deferred submittal in accordance with the project specifications designed by a professional engineer. Include foundation requirements.

3) Extend concrete sidewalk to 6" west of Turnstile edge;



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CHECKED BY: M. FISHER	01/18/2019		JOB NUMBER
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DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	CONTRACT NO.
ASST SECRETARY: A. SCARTON		REVISION	00****
		DATE	BY

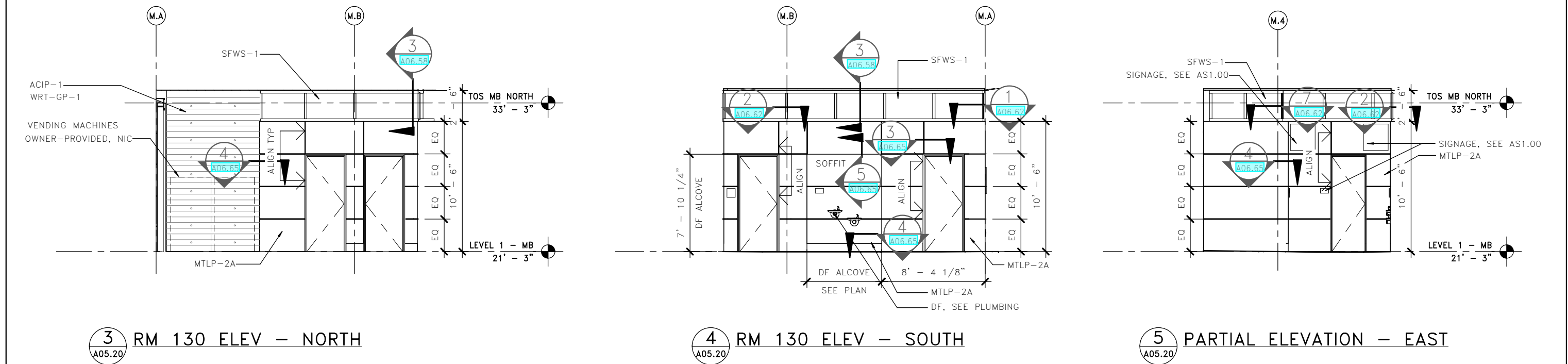
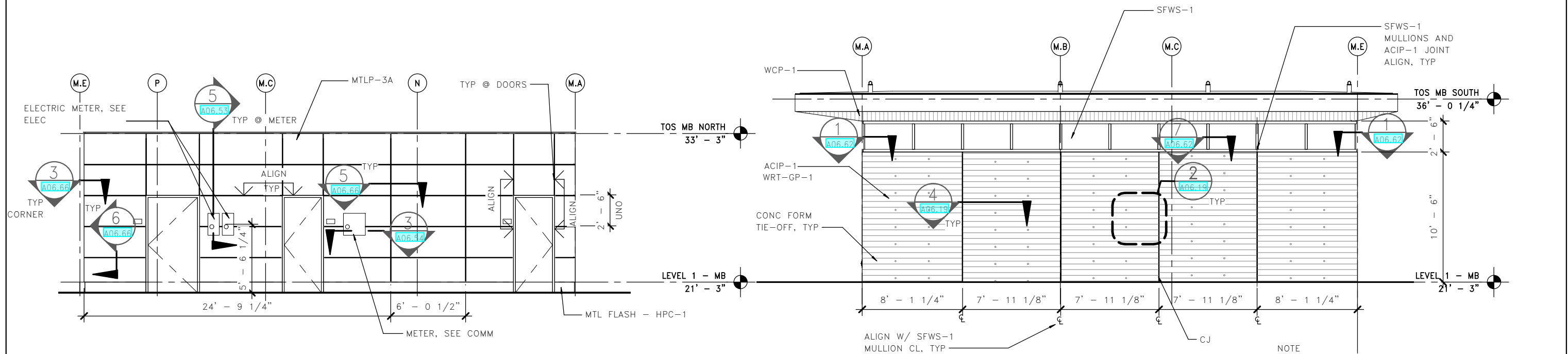


01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - PARTIAL ELEVATIONS

A05.17
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961
OF
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DESIGNED BY:	H. FITZPATRICK	01/18/2019				WA-2017-007-00			
ENTERED BY:	G. BISHOP	01/18/2019				REGION NO.	10	STATE	WA
CHECKED BY:	M. FISHER	01/18/2019				JOB NUMBER	18W121		
MAR PROJ ENGR:	C. TORRES					CONTRACT NO.	00****		
DGN ENGR MNGR:	N. MCINTOSH					CONFORMED PLANS	01/18/19		
ASST SECRETARY:	A. SCARTON					REVISION	DATE	BY	

4472

REGISTERED ARCHITECT

WALT W. NIEHOFF JR.

STATE OF WASHINGTON

01/18/19

Washington State

Department of Transportation

WASHINGTON STATE FERRIES

SR 525

MUKILTEO FERRY TERMINAL (PHASE 2)

FERRY TERMINAL CONSTRUCTION

MAINTENANCE BUILDING - ELEVATIONS

A05.20

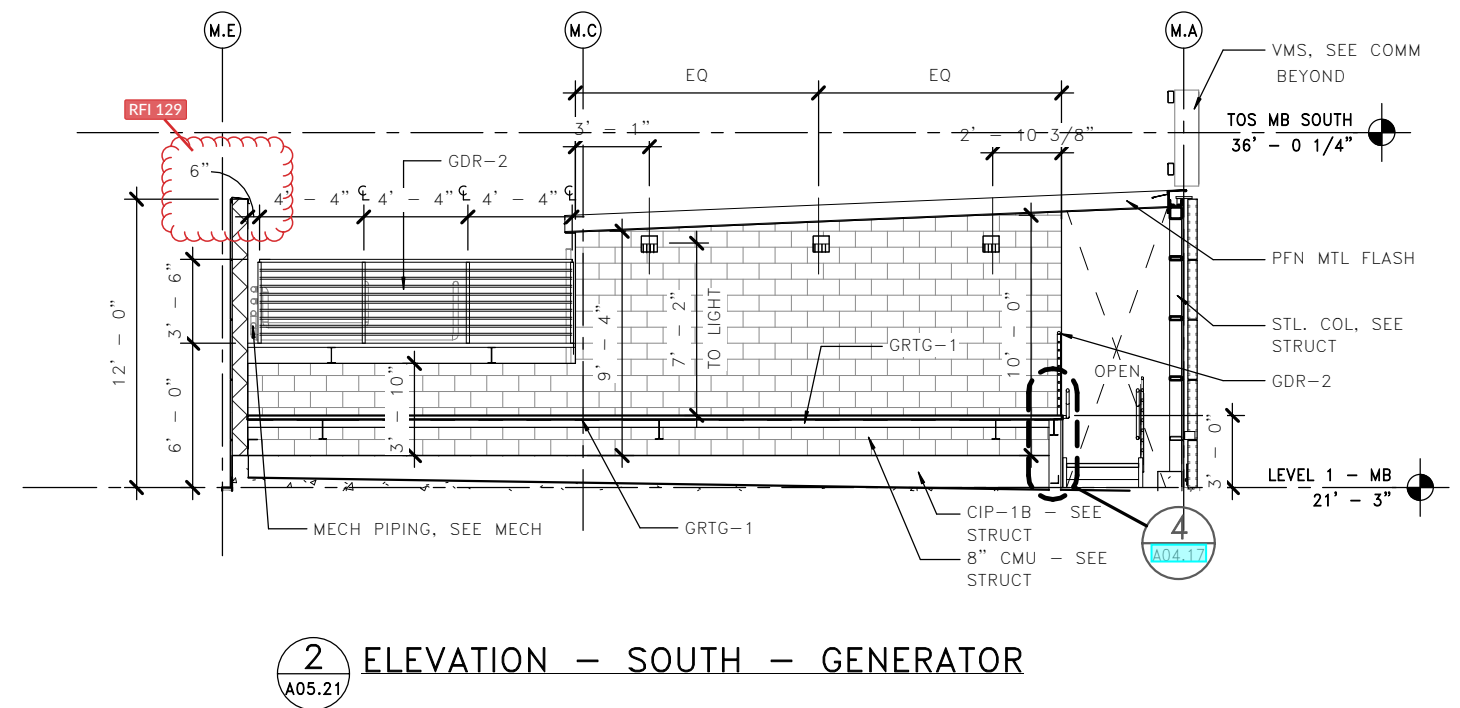
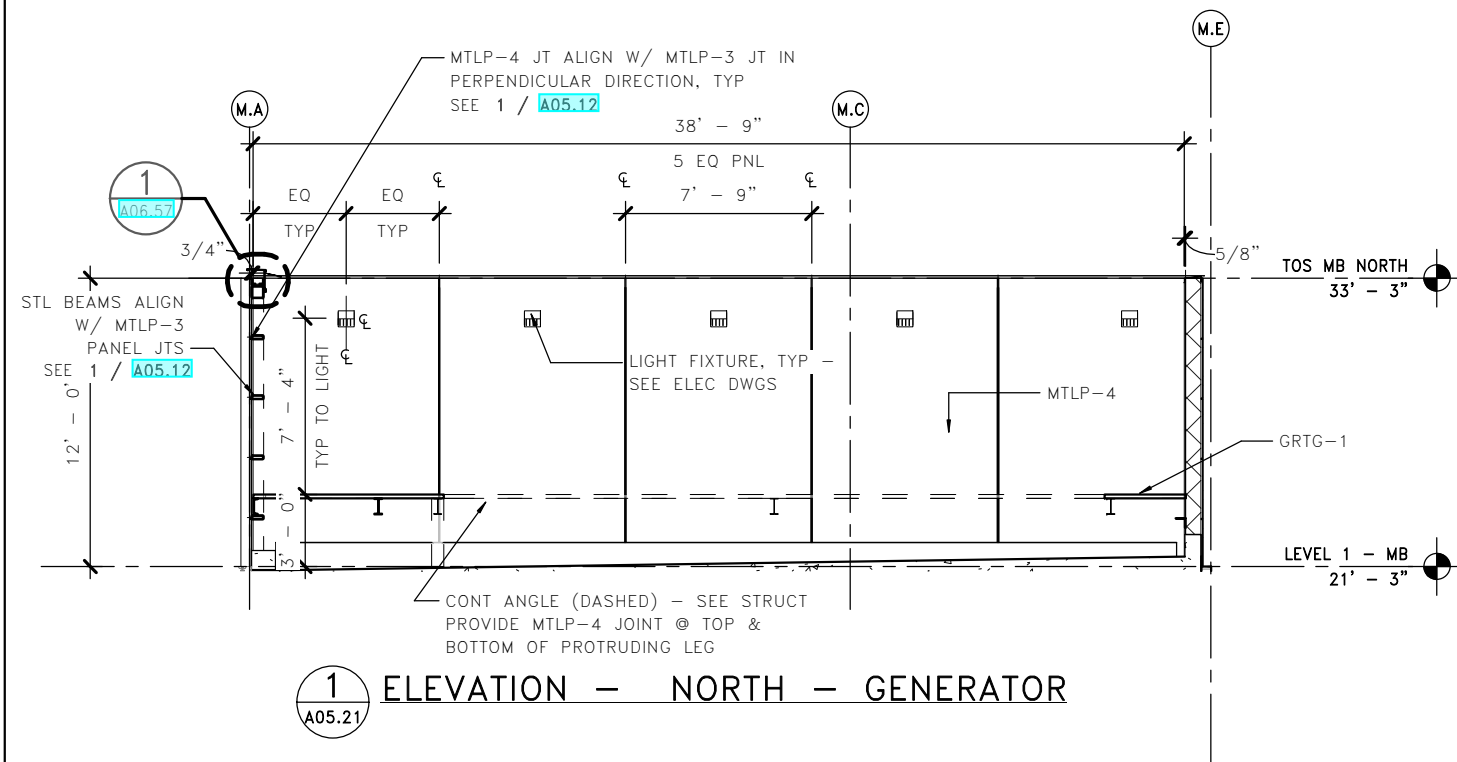
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962

OF

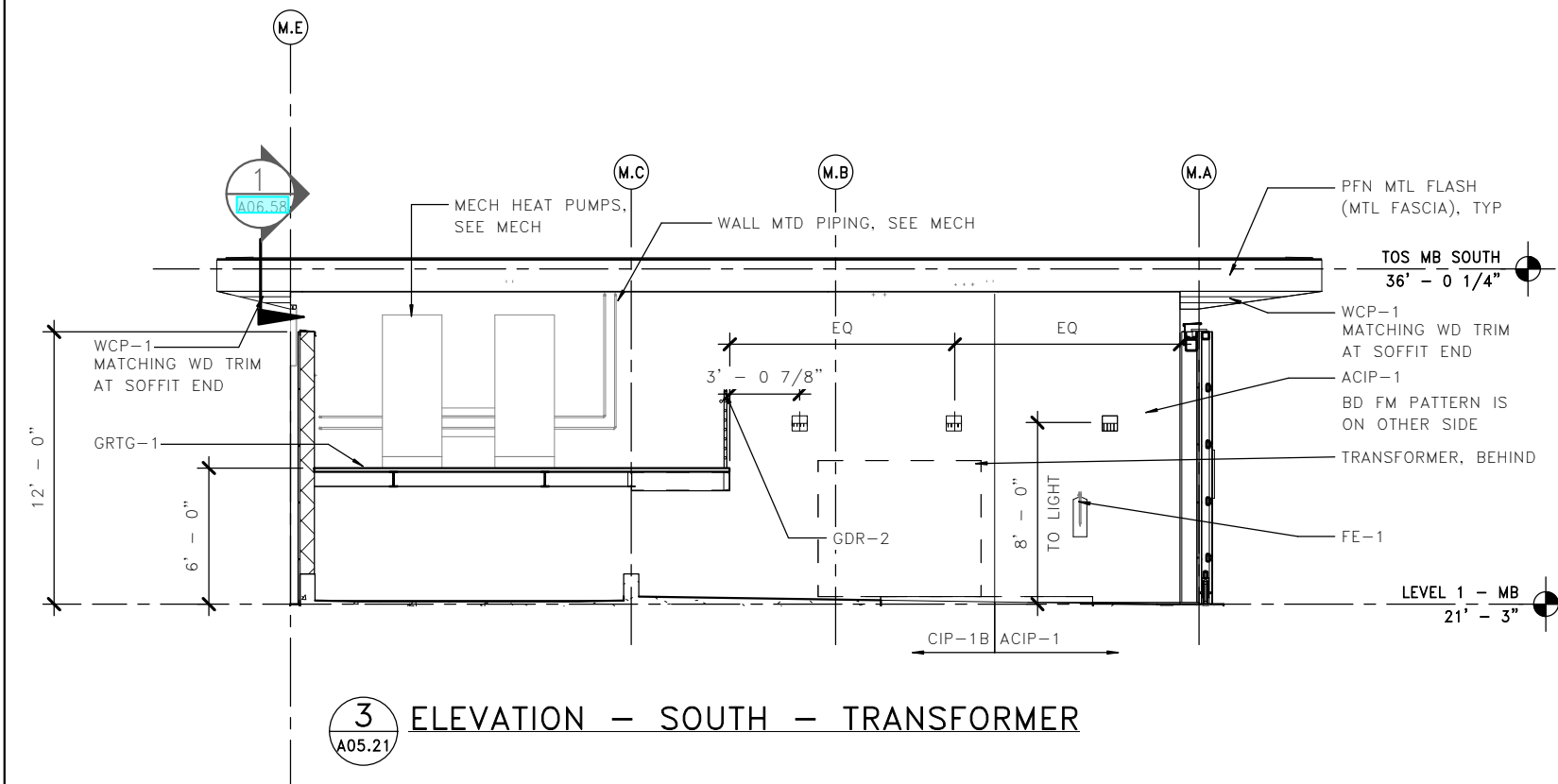
1521

SHEETS



RFI 129 - Mechanical Piping and Guardrail

Assuming that the mechanical piping will occupy the gap between the wall and the guardrail in a manner that no one would be able to fall through the gap, the proposed change is acceptable (LMN)



LMN



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01/18/2019

ENTERED BY: G. BISHOP

01/18/2019

CHECKED BY: M. FISHER

01/18/2019

MAR PROJ ENGR: C. TORRES

DGN ENGR MNGR: N. MCINTOSH

ASST SECRETARY: A. SCARTON

CONFORMED PLANS

REVISION

01/18/19

DATE

BY

FED.AID
PROJ.NO.

WA-2017-007-00

REGION NO. STATE

10 WA

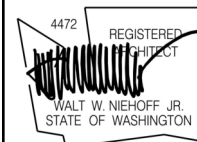
JOB NUMBER

18W121

CONTRACT NO.

00****

DATE



01/18/19

DATE

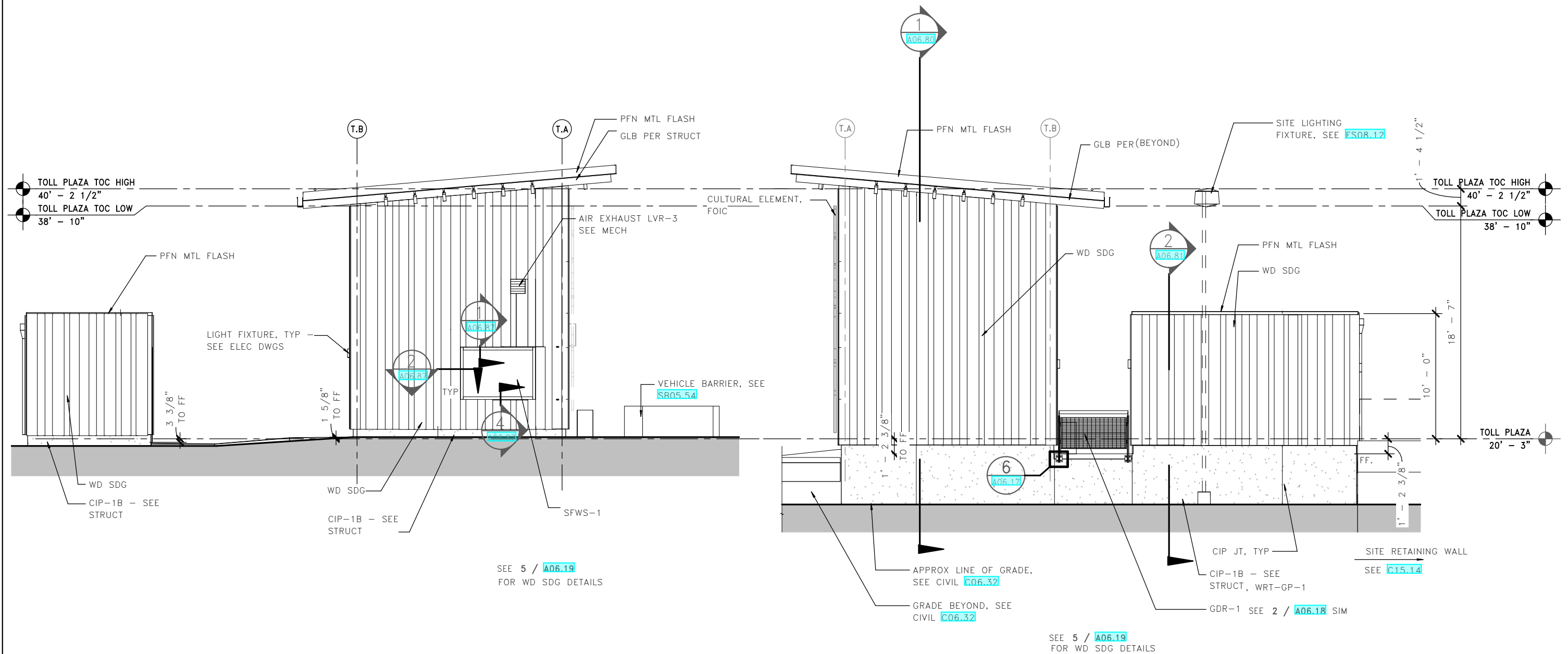


Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
MAINTENANCE BUILDING - ELEVATIONS

A05.21

SHEET
963
OF
1521
SHEETS

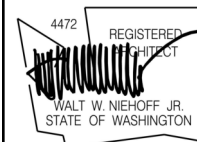


1 ADA TOLL BOOTH & RESTROOM
A05.51

LMN 2 EQUIP RM AND ELEC/STO
A05.51



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MAR PROJ ENGR: C. TORRES				
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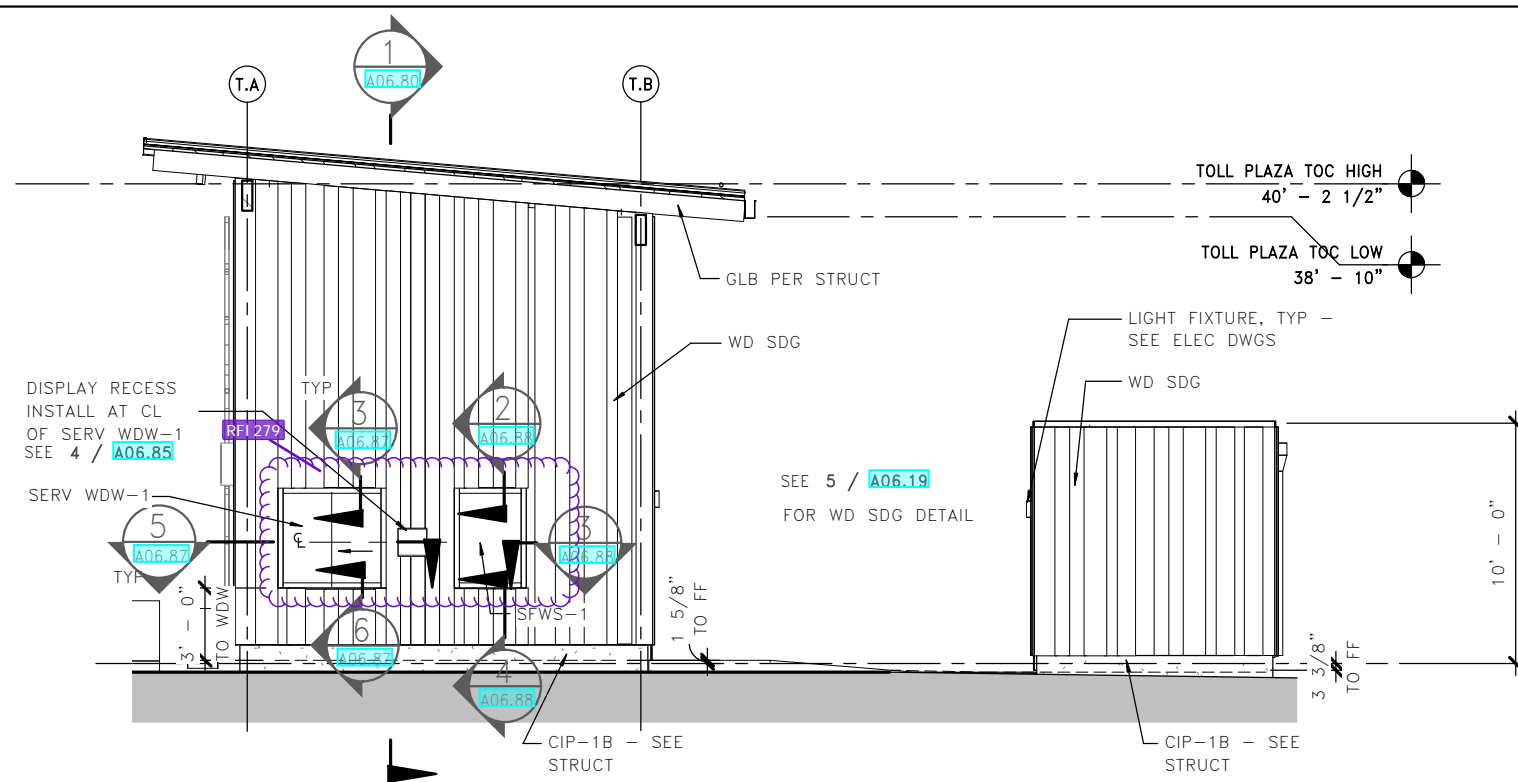


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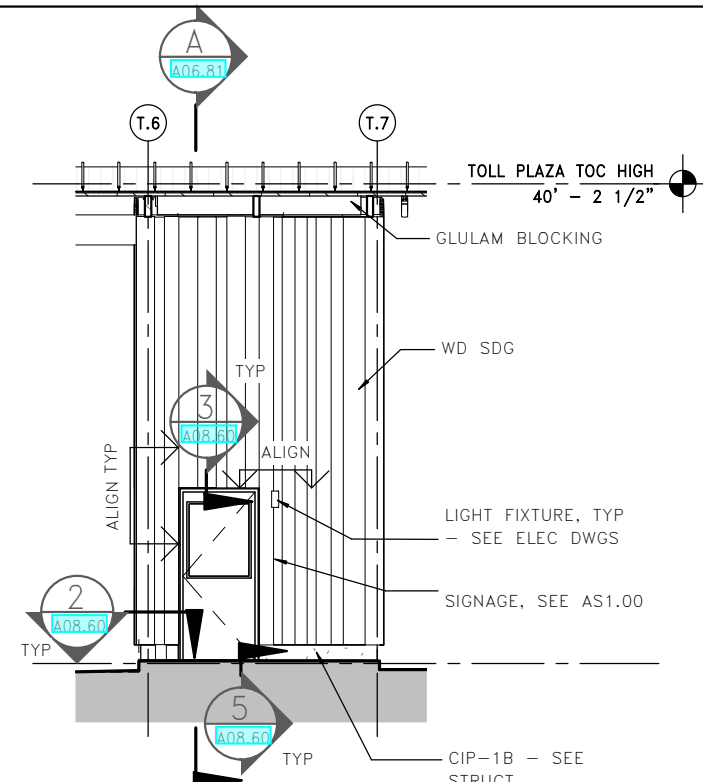


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TOLL PLAZA-NORTH & SOUTH ELEVATIONS

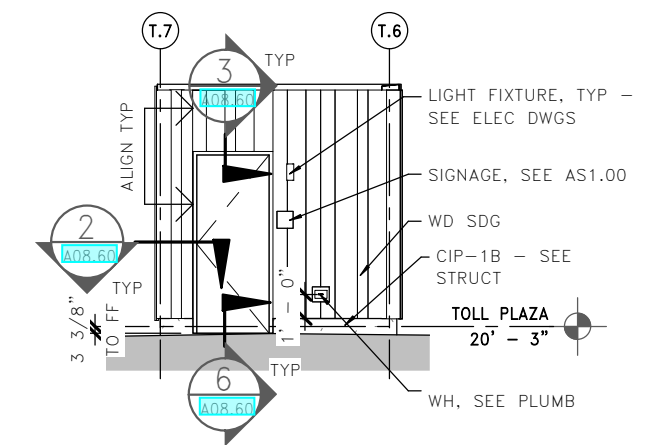
A05.51
SHEET
964
OF
1521
SHEETS



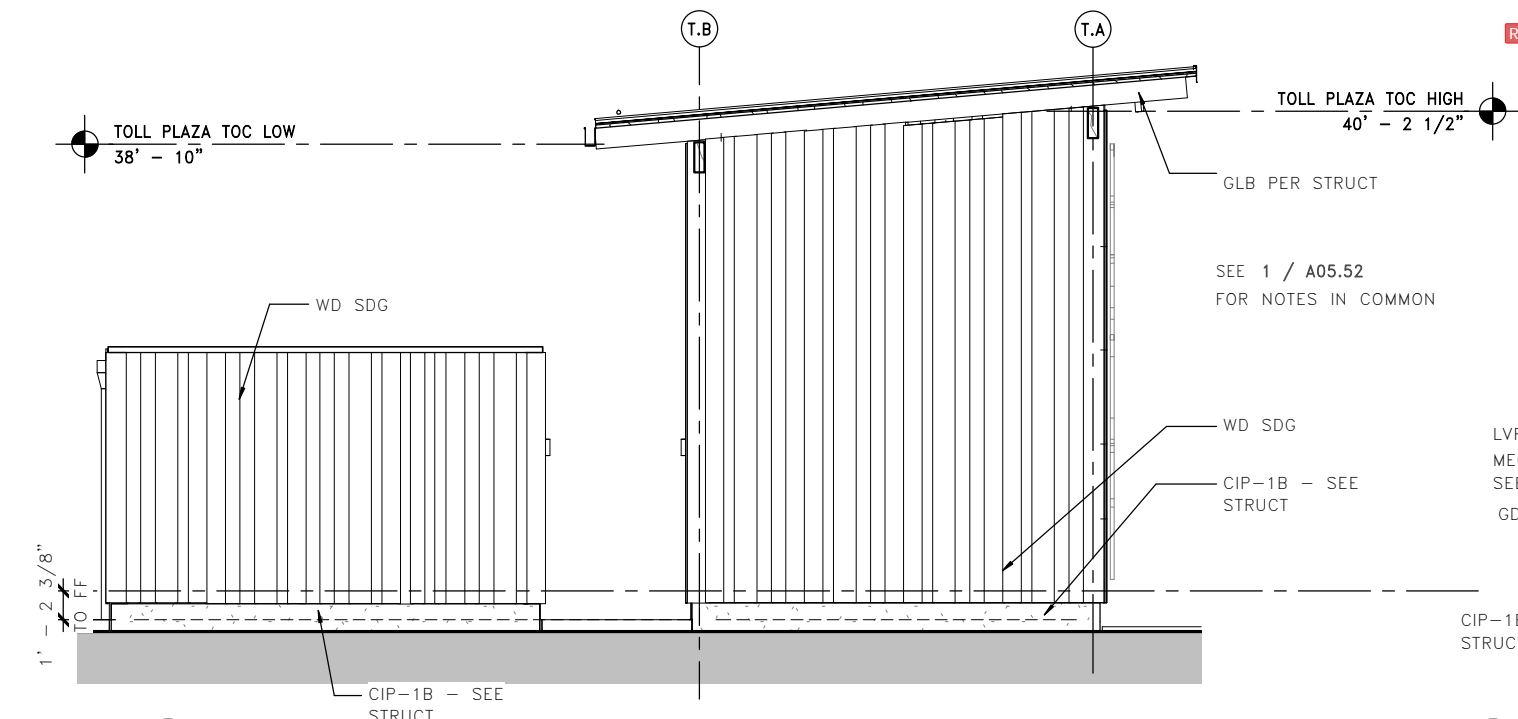
1 ADA TOLL PLAZA -& RESTROOM SOUTH
A05.52



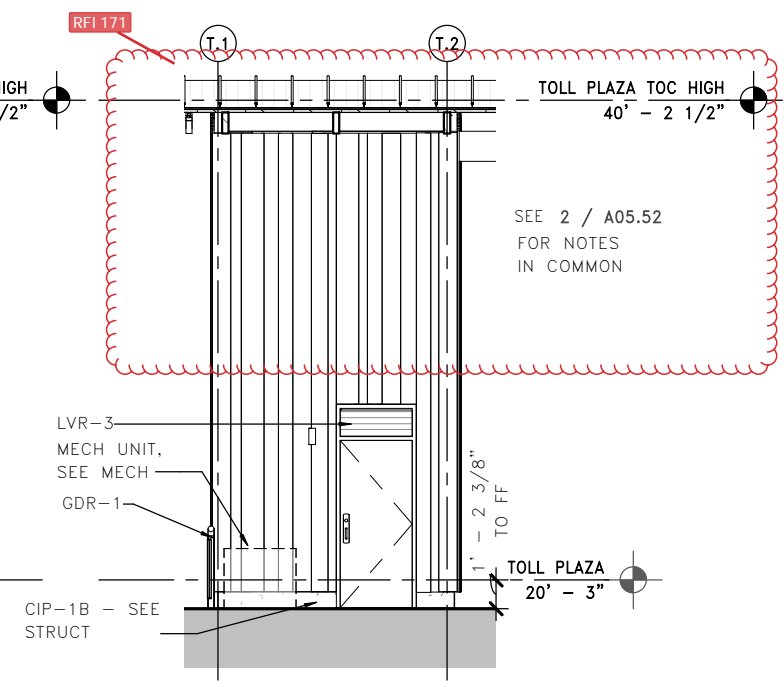
2 ADA TOLL BOOTH - EAST
A05.52



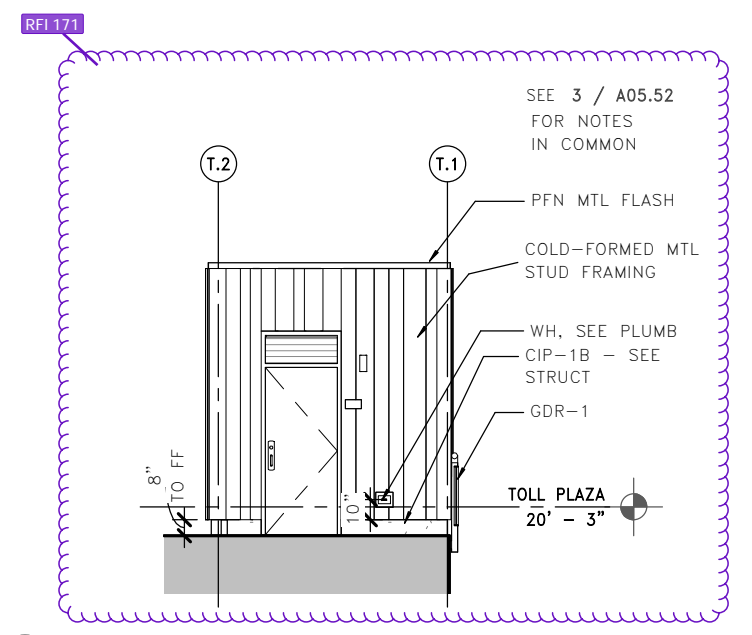
3 TOLL PLAZA RESTROOM - WEST
A05.52



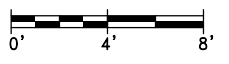
4 TOLL PLAZA-EQUIP RM, ELEC/STO NORTH
A05.52



5 TOLL PLAZA EQUIP RM - EAST
A05.52



6 TOLL PLAZA ELEC RM - WEST
A05.52



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ENTERED BY: G. BISHOP	01/18/2019			JOB NUMBER 18W121
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MAR PROJ ENGR: C. TORRES				
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19	
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY



DATE 01/18/19



SR 525	
MUKILTEO FERRY TERMINAL (PHASE 2)	
FERRY TERMINAL CONSTRUCTION	
TOLL PLAZA - PARTIAL ELEVATIONS	

A05.52
SHEET
965
OF
1521
SHEETS

Toll Booth Monitors
See attached revised A05.53 and A05.54 for the toll booth monitor locations. The outdoor monitors (Samsung OH55F or approved equal) shall be procured by the contractor. Attach using standard mount per manufacturer's recommendation. Provide 2x6 blocking between the steel studs at toll booth 4 at attachment points (see attached sketches SK-54A -- SK-54C). At toll booths 1-3, provide similar exterior details to toll booth 4. If the monitors cannot be installed into studs per manufacturer recommendations, provide 2x6 blocking.

Provide (2) 1" conduit to attic. Further comm requirements will be provided in RFI 497.



Provide power as needed per manufacturer's requirements.

Great Hall Monitor
See attached for terminal building monitor location and added support angles. Mount to the provided angles using standard mount per the manufacturer's recommendations. The monitor (NEC V554 or approved equal) shall be procured by the contractor.

Comm requirements will be provided in RFI 497.

Provide junction box at utility trough (see arch) and provide power as needed per manufacturer's requirements.



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CHECKED BY: M. FISHER		01/18/2019		RFI-395 MONITOR/SIGNAGE		04/13/20																																	
MAR PROJ ENGR: C. TORRES				REV 1: CO-MONITOR/SIGNAGE		01/03/20																																	
DGN ENGR MNGR: N. MCINTOSH				CONFORMED PLANS		01/18/19						JOB NUMBER		18W121																									
ASST SECRETARY: A. SCARTON				REVISION		DATE		BY				CONTRACT NO.		00****										SHEETS															

Toll Booth Monitors

See attached revised A05.53 and A05.54 for the toll booth monitor locations. The outdoor monitors (Samsung OH55F or approved equal) shall be procured by the contractor. Attach using standard mount per manufacturer's recommendation. Provide 2x6 blocking between the steel studs at toll booth 4 at attachment points (see attached sketches SK-54A -- SK-54C). At toll booths 1-3, provide similar exterior details to toll booth 4. If the monitors cannot be installed into studs per manufacturer recommendations, provide 2x6 blocking.

Provide (2) 1" conduit to attic. Further comm requirements will be provided in RFI 497.

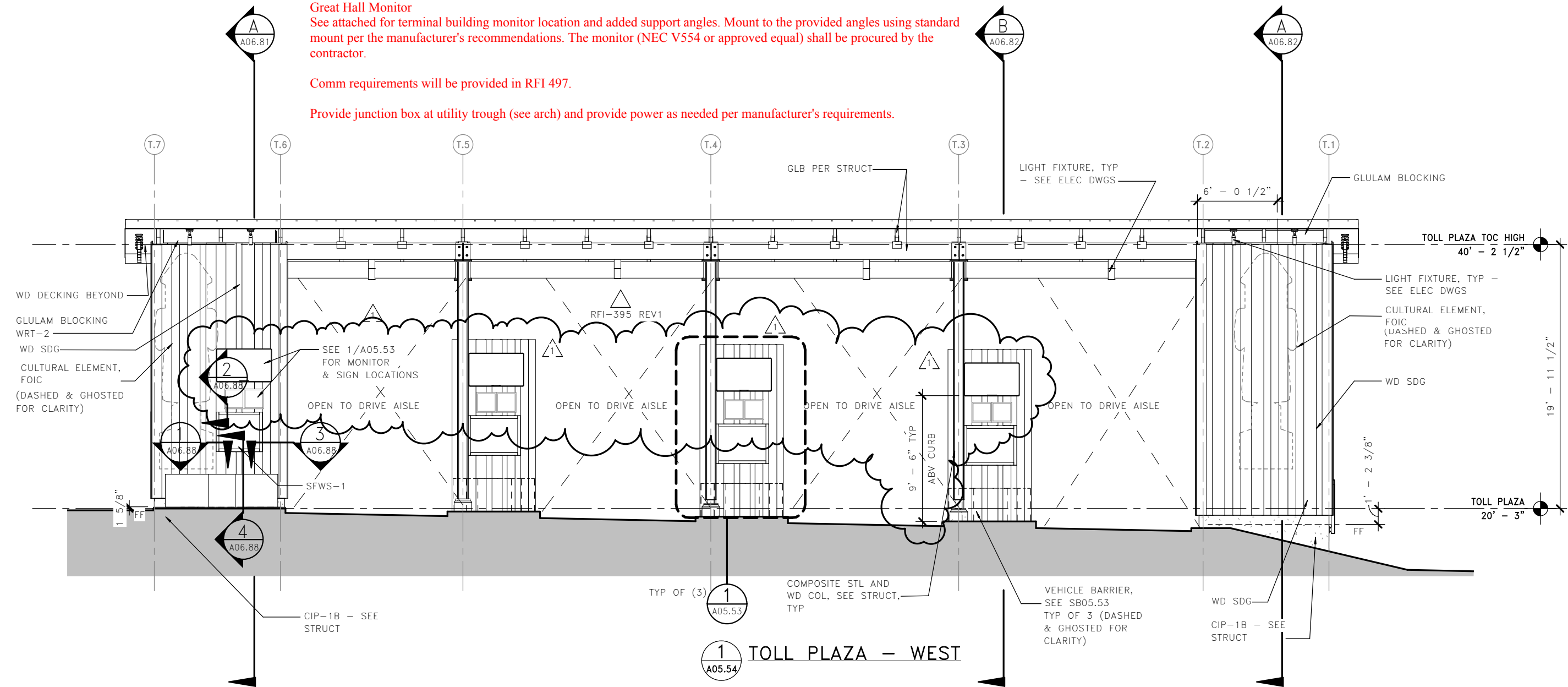
Provide power as needed per manufacturer's requirements.

Great Hall Monitor

See attached for terminal building monitor location and added support angles. Mount to the provided angles using standard mount per the manufacturer's recommendations. The monitor (NEC V554 or approved equal) shall be procured by the contractor.

Comm requirements will be provided in RFI 497.

Provide junction box at utility trough (see arch) and provide power as needed per manufacturer's requirements.



LMN

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MAR PROJ ENGR: C. TORRES				18W121	
DGN ENGR MNGR: N. MCINTOSH				CONTRACT NO.	
ASST SECRETARY: A. SCARTON				00****	
REVISION				DATE BY	

DATE	

4472 REGISTERED ARCHITECT	
WALT W. NIEHOFF JR. STATE OF WASHINGTON	
01/18/19	
DATE	

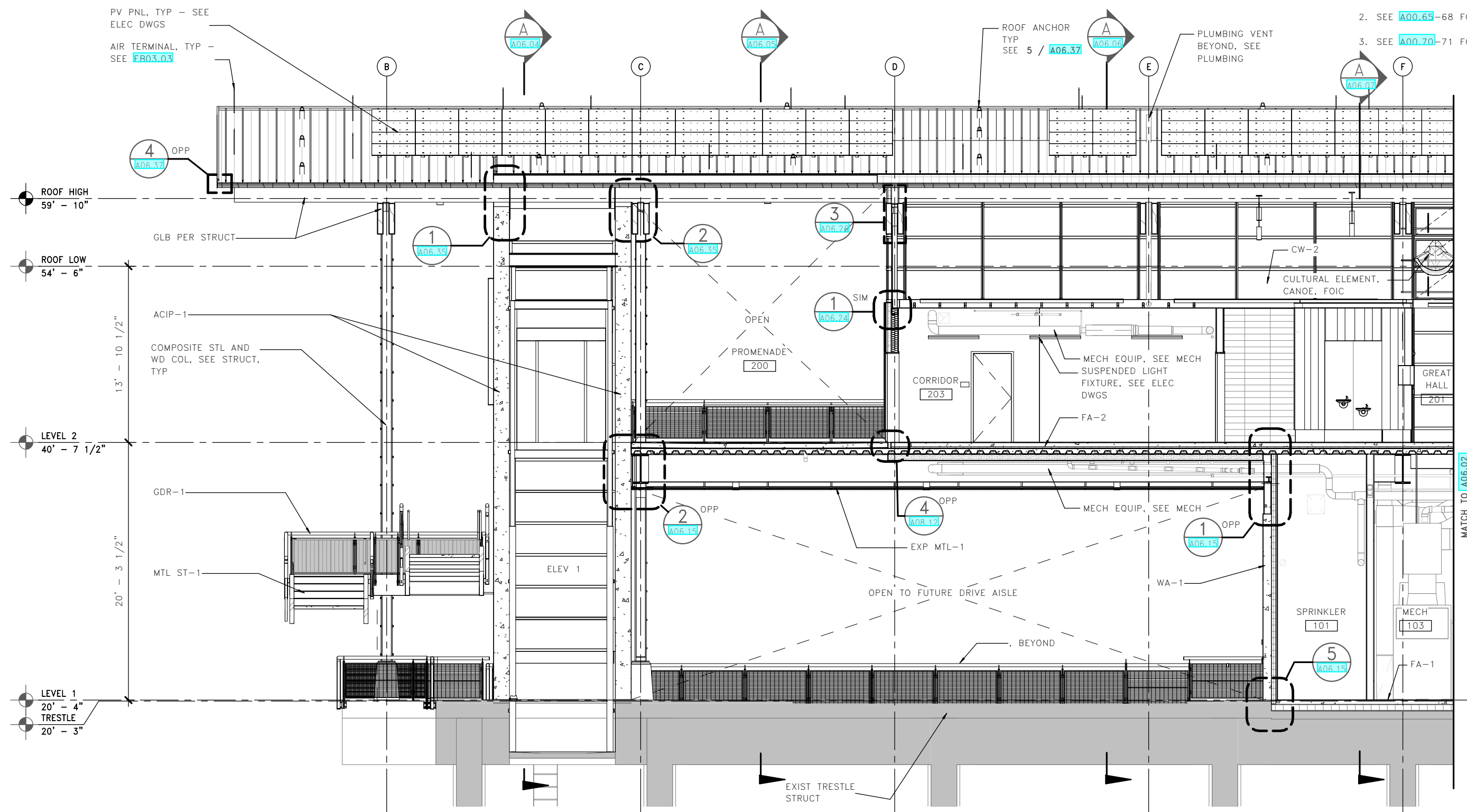
	
Washington State Department of Transportation	
WASHINGTON STATE FERRIES	

SR 525	
MUKILTEO FERRY TERMINAL (PHASE 2)	
FERRY TERMINAL CONSTRUCTION	
TOLL PLAZA - WEST ELEVATION	

A05.54
SHEET
OF
SHEETS

GENERAL NOTES

1. SEE A00.60-62 FOR FA-# ASSEMBLIES
2. SEE A00.65-68 FOR WA-# ASSEMBLIES
3. SEE A00.70-71 FOR RT-# ASSEMBLIES



SECTION AT GRID 2 - SECTOR A

LMN

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01/18/2019

MAR PROJ ENGR: C. TORRES

DGN ENGR MNGR: N. MCINTOSH

ASST SECRETARY: A. SCARTON

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PROJ.NO.

WA-2017-007-00

REGION NO.

10

STATE

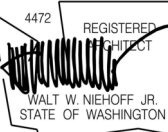
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JOB NUMBER

18W121

CONTRACT NO.

00****



01/18/19

DATE



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL-BUILDING SECTIONS-SECTOR A

A06.01

SHEET

968

OF

1521

SHEETS

GLB PER STRUCT
AIR TERMINAL, TYP -
SEE EB03.03
PV PNL, TYP - SEE
ELEC DWGS

RT-2

GLB PER STRUCT

HVLS PENDANT
MOUNTED FAN PER
MECH, TYP

CW-2

FA-2

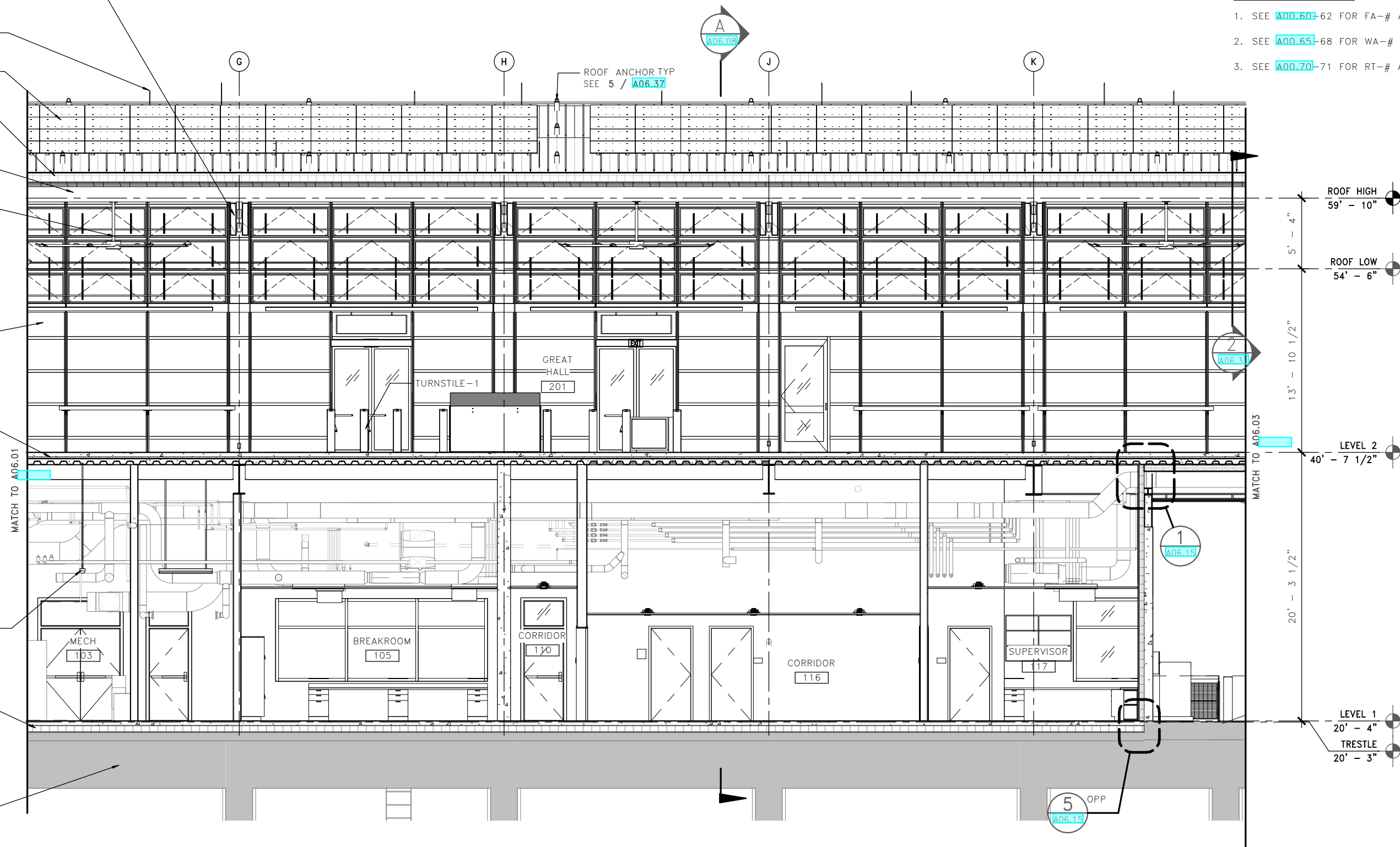
LIGHTING FIXT, TYP
SEE ELEC DWGS

FA-1

EXISTINGESTLE
STRUCT

GENERAL NOTES

1. SEE A00.60-62 FOR FA-# ASSEMBLIES
2. SEE A00.65-68 FOR WA-# ASSEMBLIES
3. SEE A00.70-71 FOR RT-# ASSEMBLIES



A SECTION AT GRID 2 - SECTOR B

LMN

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MAR PROJ ENGR: C. TORRES
DGN ENGR MNGR: N. MCINTOSH
ASST SECRETARY: A. SCARTON

FED.AID
PROJ.NO.
WA-2017-007-00
REGION NO. 10
STATE WA
JOB NUMBER 18W121
CONTRACT NO. 00****

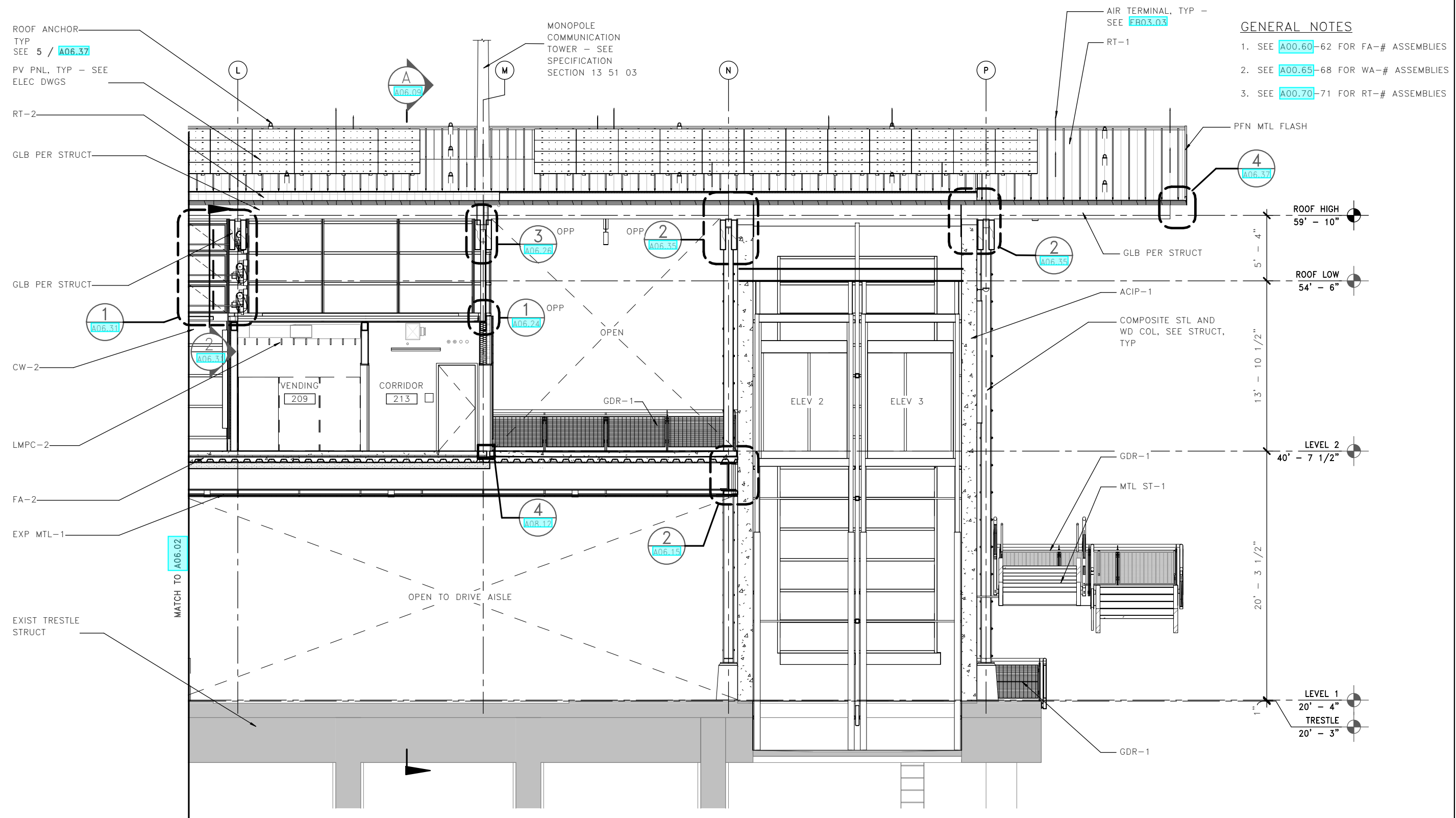
4472
REGISTERED
ARCHITECT
WALT W. NIEHOFF JR.
STATE OF WASHINGTON

01/18/19
DATE

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SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL-BUILDING SECTIONS-SECTOR B

A06.02
SHEET
969
OF
1521
SHEETS



A SECTION AT GRID 2 - SECTOR C



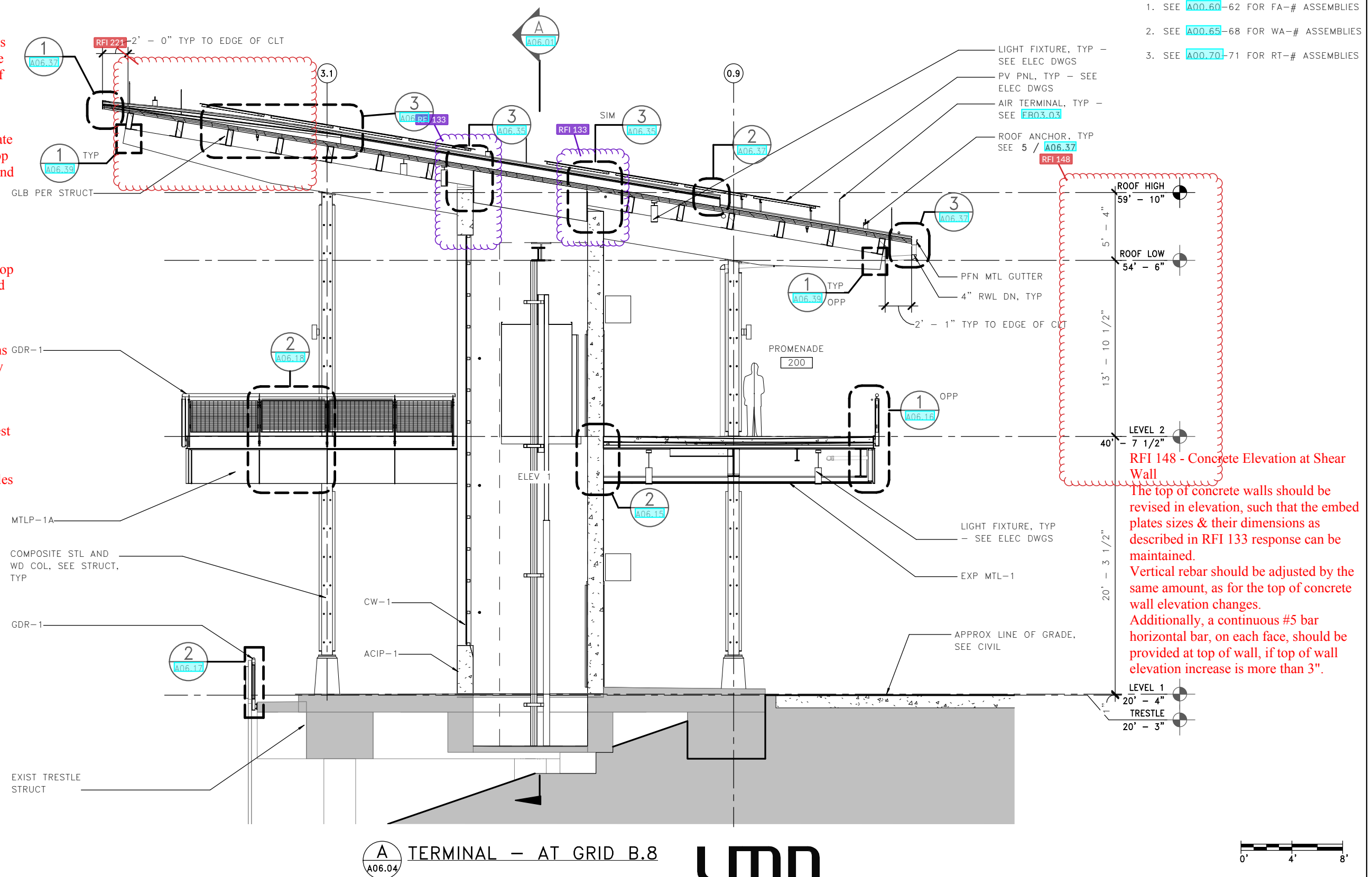
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SHEET 970 OF 1521 SHEETS																	
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DGN ENGR MNGR: N. MCINTOSH				CONFORMED PLANS		01/18/19											
ASST SECRETARY: A. SCARTON				REVISION		DATE		BY									

Based on our Revit model, the underside of the CLT deck at the inside face of the North and South concrete wall at the elevator shafts are as shown on the attached screenshot. The indicated dimensions are from the Low Roof elevation (54'-6"). IMCO need to verify the geometry. (LMN)

The sketch provided by IMCO appears to have incorrect spacings between top of wall and bottom of bent plate, and also between top of wall and top WHS. See where rev clouded on attached sketch SK-05-03-19A. Details 3/SB07.02 and 7/SB07.02 provide the required spacing, as shown on SK-28 & SK-29. IMCO to verify that these dimensions coincide with top of concrete wall and notify KPFF if there is a discrepancy.

RFI 221 - Roof Radius
Option 1 - We are concerned about not having a solid substrate below the roofing when people walk on the roof and also concerned about condensation issues with a void (air) below the metal roofing.

Option 3 - Can the curved portion of the roof be changed to a taper - this would create a "break" in the roofing at the point of transition between straight and tapered insulation (1'-1" south of grid 3.1 - see 3/A06.38) . Does the roofing sub have a standard detail to work for that kind of transition?



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ASST SECRETARY: A. SCARTON				REVISION		DATE	BY	00****	



01/18/19



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WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL – BUILDING SECTIONS

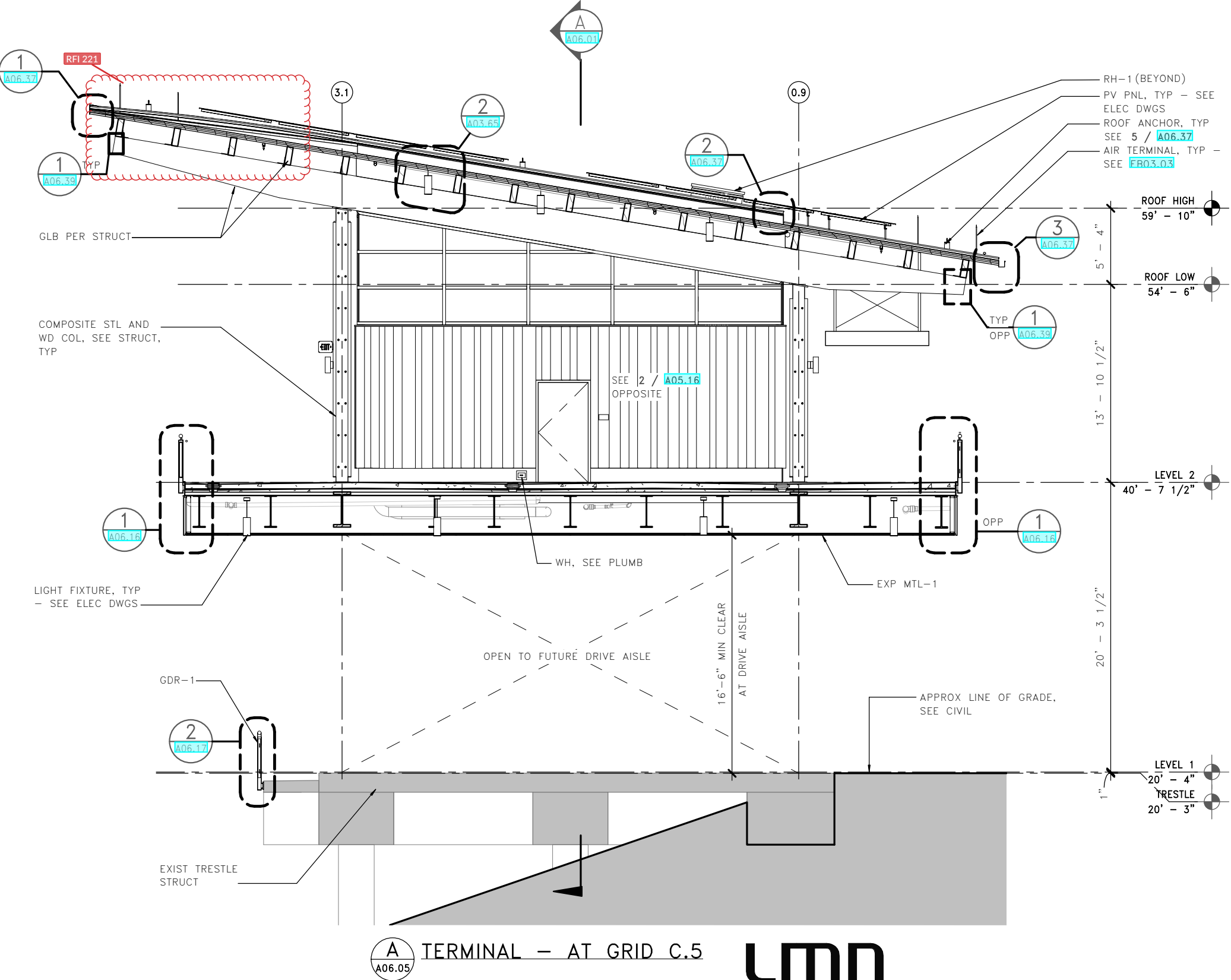
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SHEET
971
OF
1521
SHEETS

RFI 221 - Roof Radius



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Option 2 - We would like to discuss this idea further with the roofing sub, possibly stopping the insulation 12" back from the high roof edge, creating a step at that point so the high eave roof edge doesn't become 16" thick.

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- GENERAL NOTES
- 1. SEE A00.60-62 FOR FA-# ASSEMBLIES
 - 2. SEE A00.65-68 FOR WA-# ASSEMBLIES
 - 3. SEE A00.70-71 FOR RT-# ASSEMBLIES

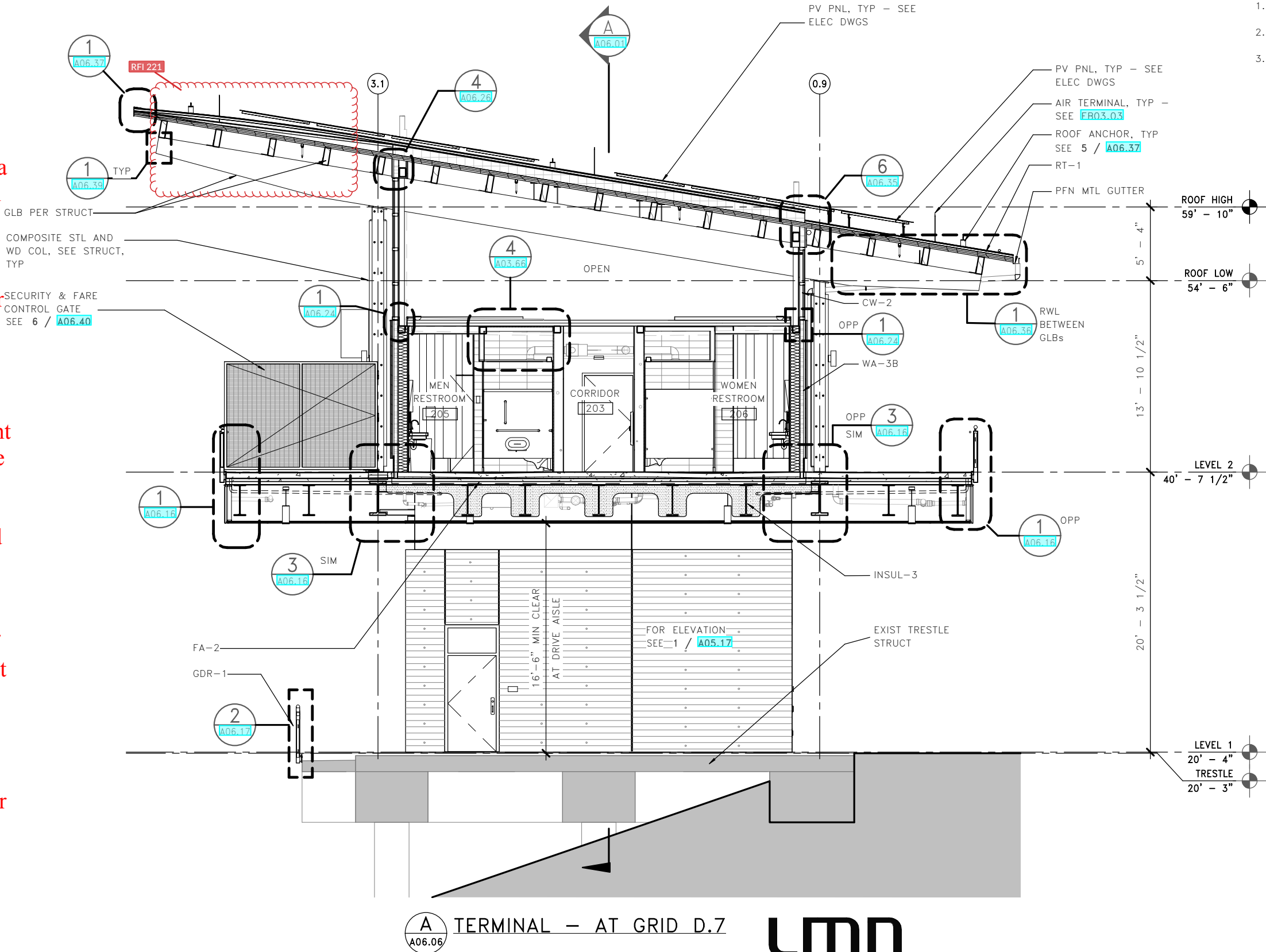
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ENTERED BY: G. BISHOP					01/18/2019					REGION NO. STATE					TERMINAL - BUILDING SECTIONS										OF 1521 SHEETS																								
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ASST SECRETARY: A. SCARTON					REVISION					DATE BY					CONTRACT NO. 00****																																		

RFI 221 - Roof Radius

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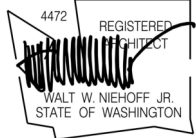


- GENERAL NOTES
1. SEE A00.60-62 FOR FA-# ASSEMBLIES
 2. SEE A00.65-68 FOR WA-# ASSEMBLIES
 3. SEE A00.70-71 FOR RT-# ASSEMBLIES

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MAR PROJ ENGR: C. TORRES	DGN ENGR MNGR: N. MCINTOSH	CONFORMED PLANS	01/18/19
ASST SECRETARY: A. SCARTON	REVISION	DATE	BY

A06.06 TERMINAL - AT GRID D.7

LMN



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - BUILDING SECTIONS

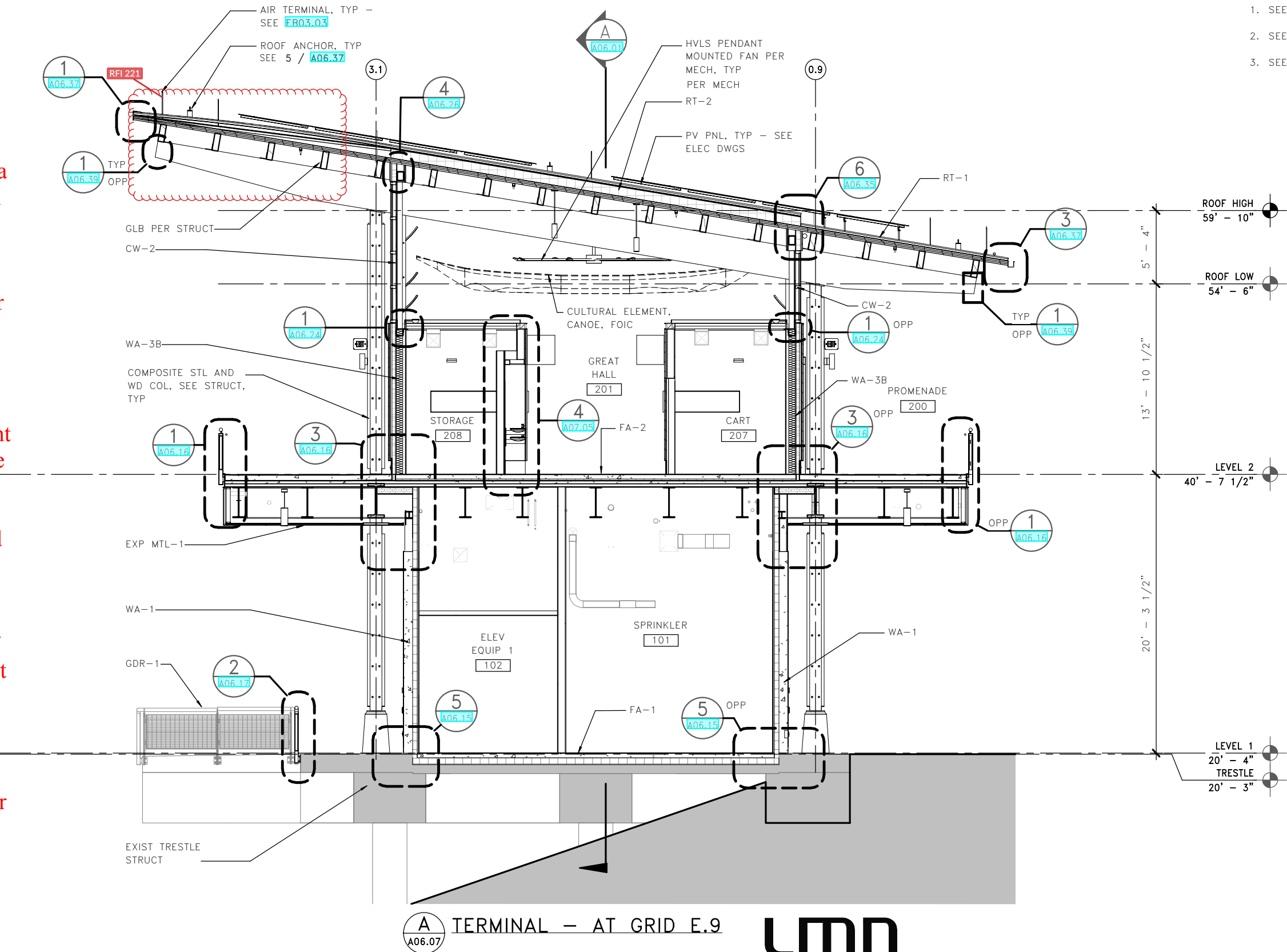
A06.06
SHEET
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OF
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SHEETS

RFI 221 - Roof Radius

Option 1 - We are concerned about not having a solid substrate below the roofing when people walk on the roof and also concerned about condensation issues with a void (air) below the metal roofing.

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Option 3 - Can the curved portion of the roof be changed to a taper - this would create a "break" in the roofing at the point of transition between straight and tapered insulation (1'-1" south of grid 3.1 - see 3/A06.38) . Does the roofing sub have a standard detail to work for that kind of transition?



- GENERAL NOTES
1. SEE A00.60-62 FOR FA-# ASSEMBLIES
 2. SEE A00.65-68 FOR WA-# ASSEMBLIES
 3. SEE A00.70-71 FOR RT-# ASSEMBLIES

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MAR PROJ ENGR: C. TORRES			
DGN ENGR MNGR: N. MCINTOSH			
ASST SECRETARY: A. SCARTON			

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STATE	WA
JOB NUMBER	18W121
CONTRACT NO.	00****

DATE	01/18/19
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4472 REGISTERED ARCHITECT WALT W. NIEHOFF JR. STATE OF WASHINGTON

Washington State Department of Transportation WASHINGTON STATE FERRIES
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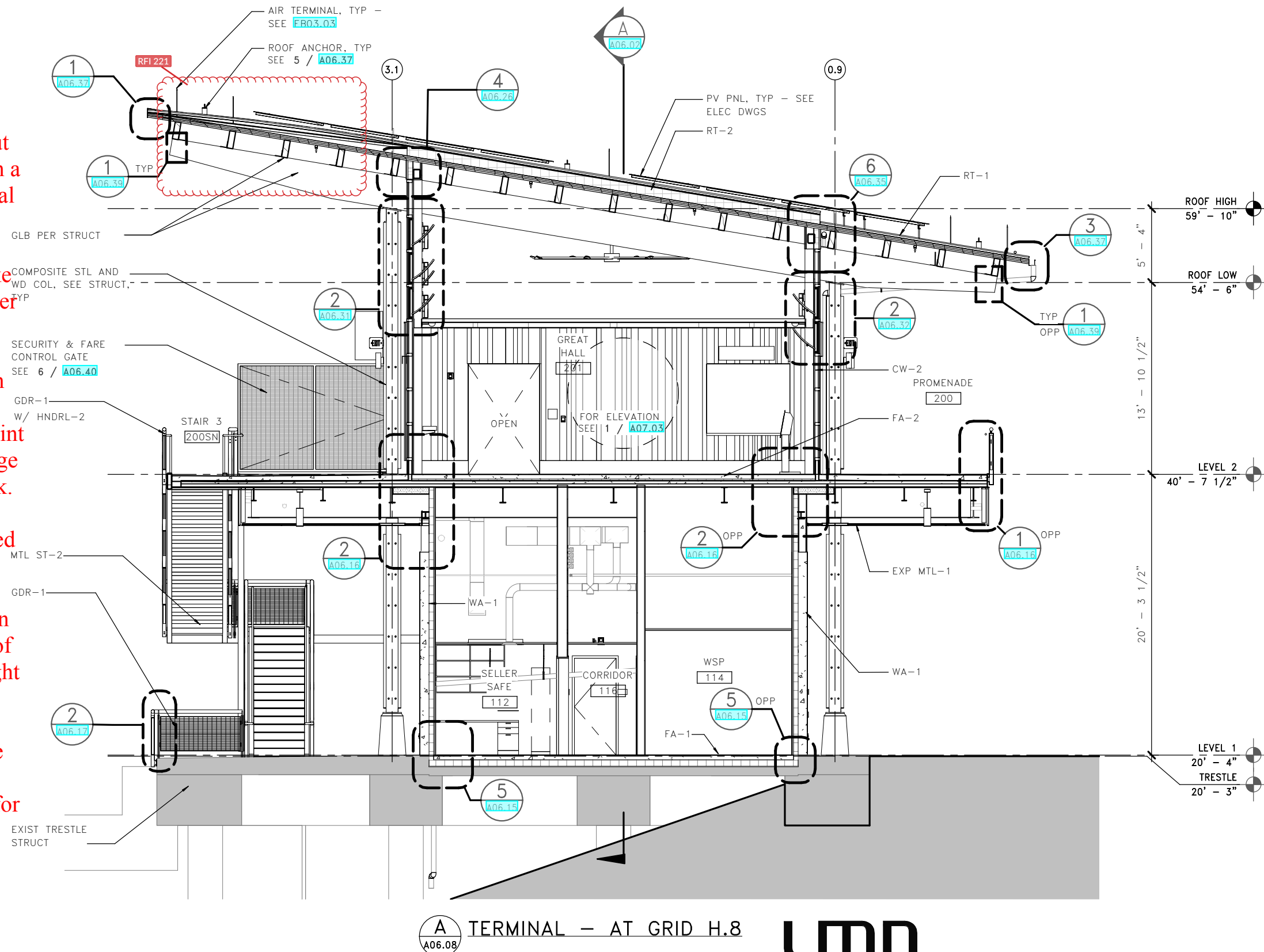
SR 525 MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION
TERMINAL - BUILDING SECTIONS

A06.07
SHEET 974 OF 1521 SHEETS

Option 1 - We are concerned about not having a solid substrate below the roofing when people walk on the roof and also concerned about condensation issues with a void (air) below the metal roofing.

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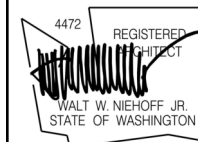
Option 3 - Can the curved portion of the roof be changed to a taper - this would create a "break" in the roofing at the point of transition between straight and tapered insulation (1'-1" south of grid 3.1 - see 3/A06.38) . Does the roofing sub have a standard detail to work for that kind of transition?



1. SEE [A00.60](#)-62 FOR FA-# ASSEMBLIES
2. SEE [A00.65](#)-68 FOR WA-# ASSEMBLIES
3. SEE [A00.70](#)-71 FOR RT-# ASSEMBLIES

TERMINAL - AT GRID H.8

למחנה



01/18/1



**Washington State
Department of Transportation**
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL – BUILDING SECTIONS

A06.08

SHEET
975
OF
1521
SHEETS

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ASST SECRETARY: A. SCARTON		REVISION	

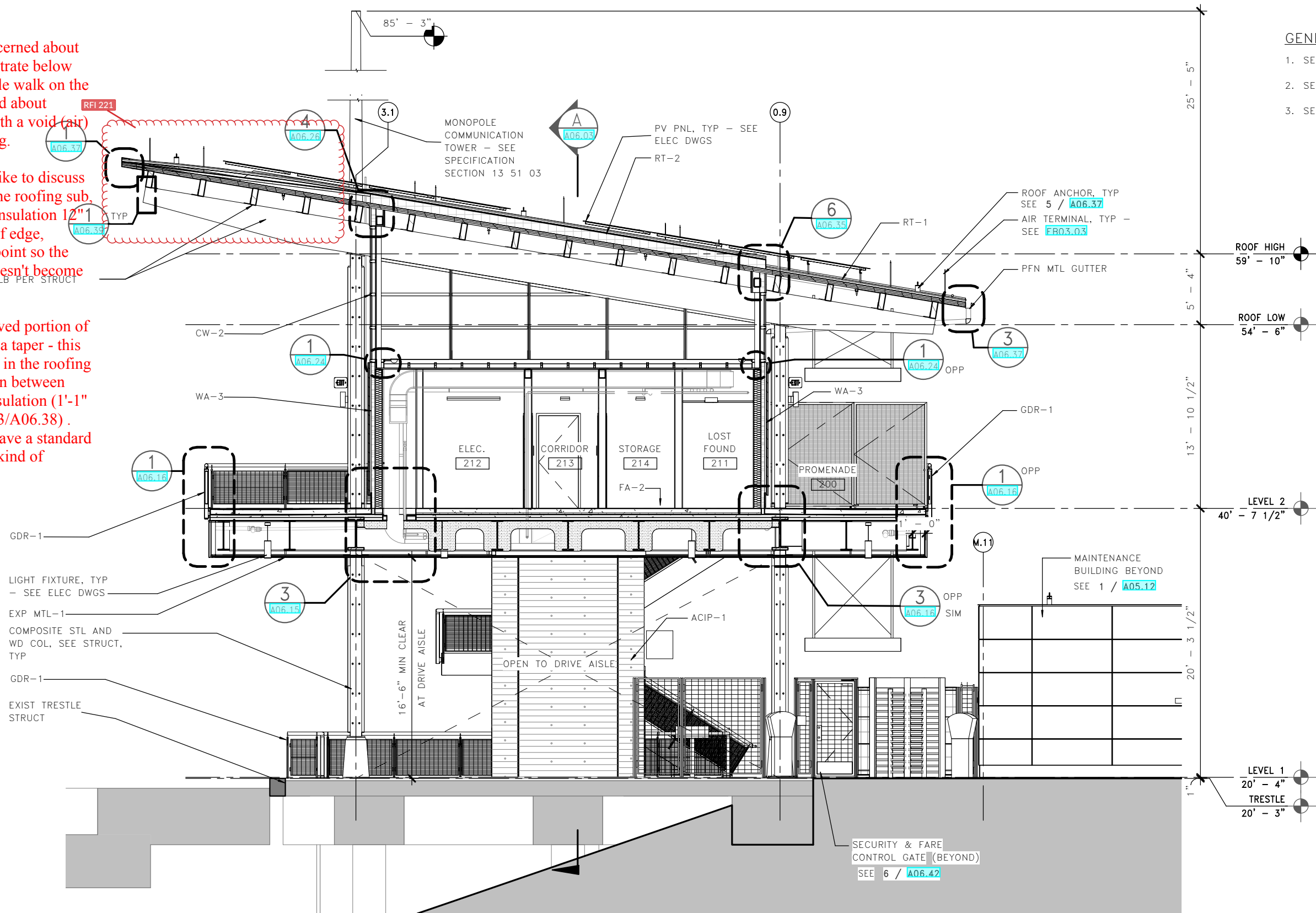
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WA-2017-007-00	
REGION NO.	STATE
10	WA
JOB NUMBER 18W121	
CONTRACT NO. 00****	

RFI 221 - Roof Radius

Option 1 - We are concerned about not having a solid substrate below the roofing when people walk on the roof and also concerned about condensation issues with a void (air) below the metal roofing.

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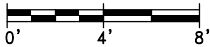


GENERAL NOTES

1. SEE A00.60-62 FOR FA-# ASSEMBLIES
2. SEE A00.65-68 FOR WA-# ASSEMBLIES
3. SEE A00.70-71 FOR RT-# ASSEMBLIES

A SECTION AT GRID L.8
A06.09

LMN



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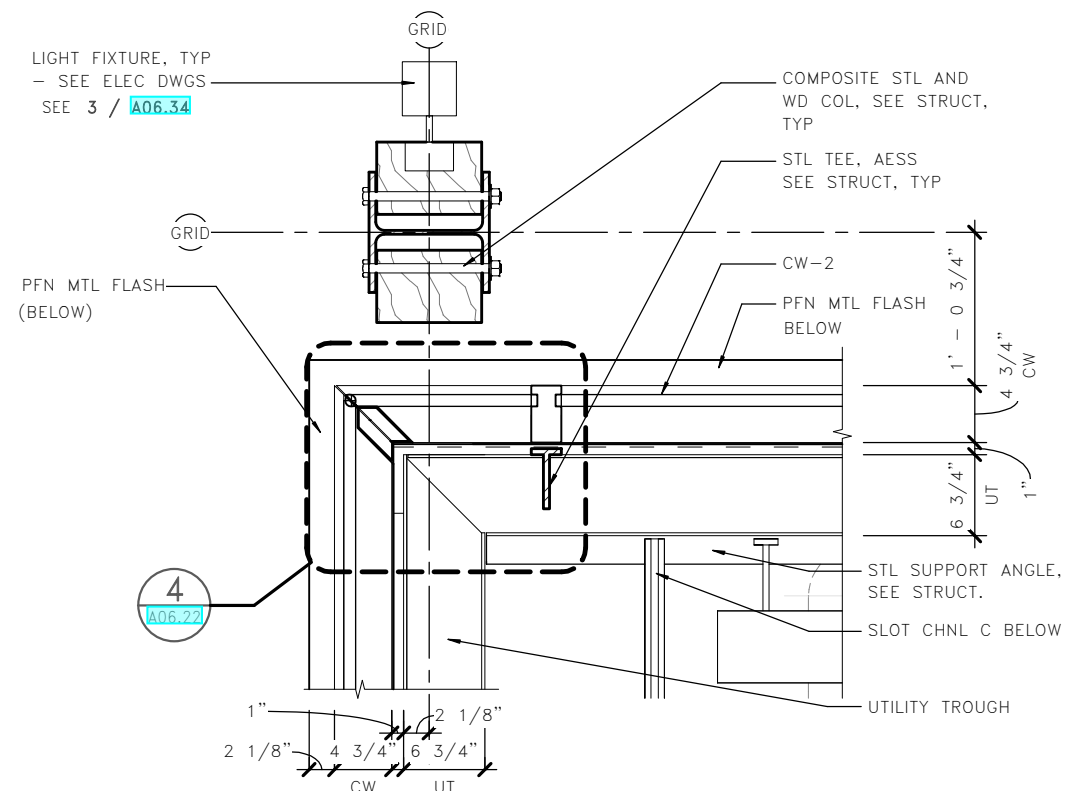


01/18/19

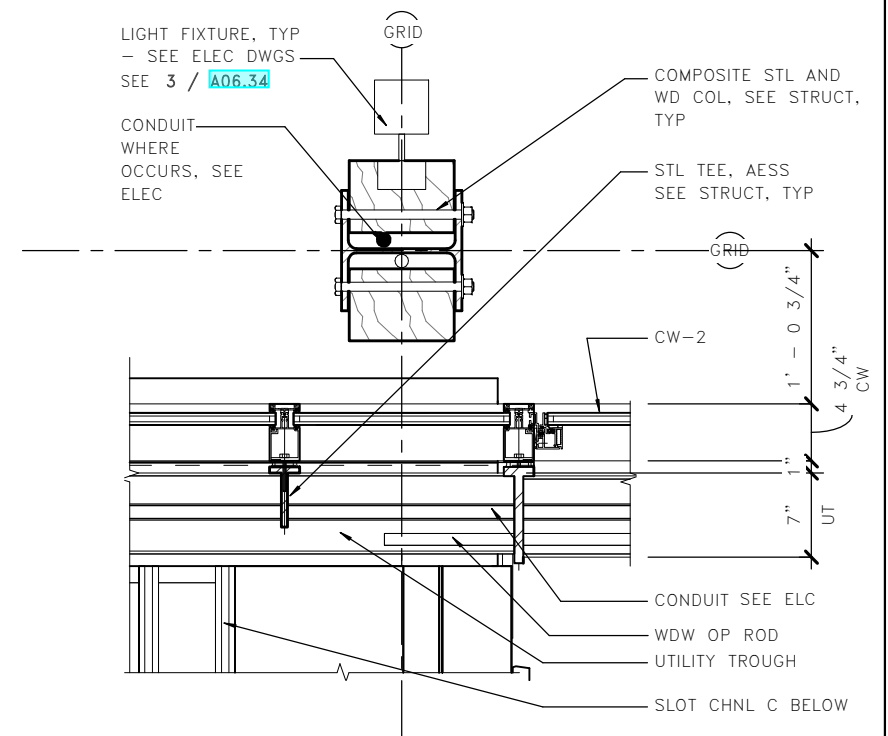


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MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - BUILDING SECTIONS

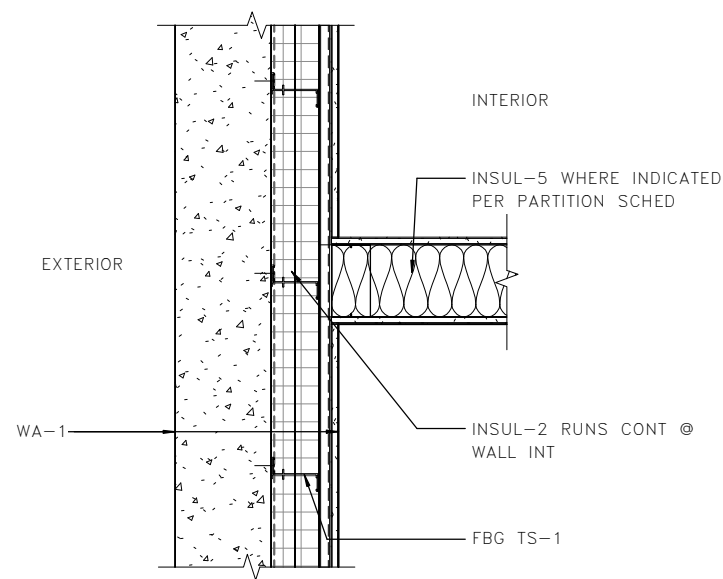
A06.09
SHEET
976
OF
1521
SHEETS



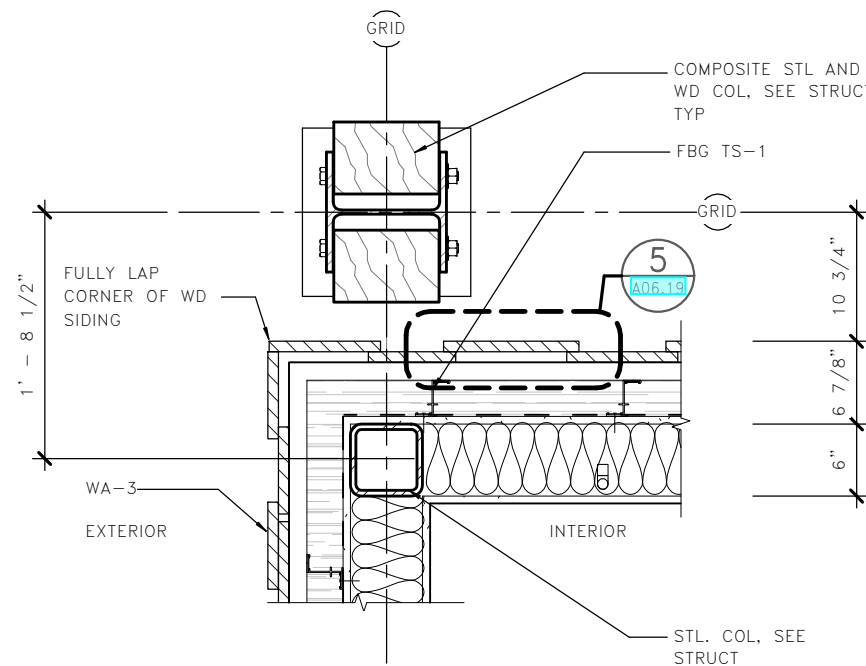
2 EXTERIOR DETAIL - CW-2 CORNER
A06.10



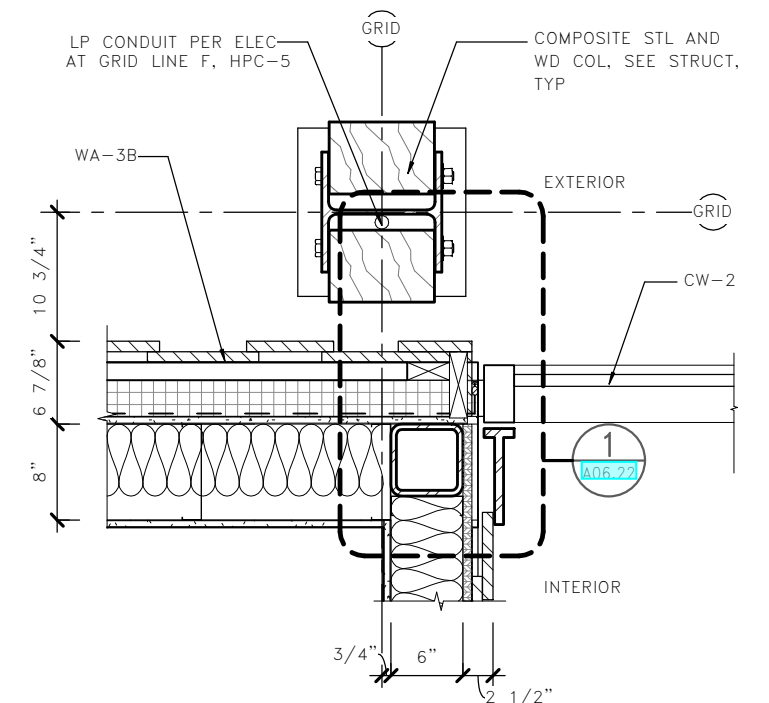
3 DETAIL - CW-2 AT OP WDW
A06.10



4 DETAIL - WA-1 AT WALL INT
A06.10



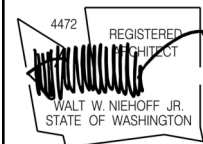
5 DETAIL - WA-3 CORNER
A06.10



6 DETAIL - WA-3 AT CW-2 INT
A06.10

LMN

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DGN ENGR MNGR: N. MCINTOSH		REVISION	DATE	BY
ASST SECRETARY: A. SCARTON				



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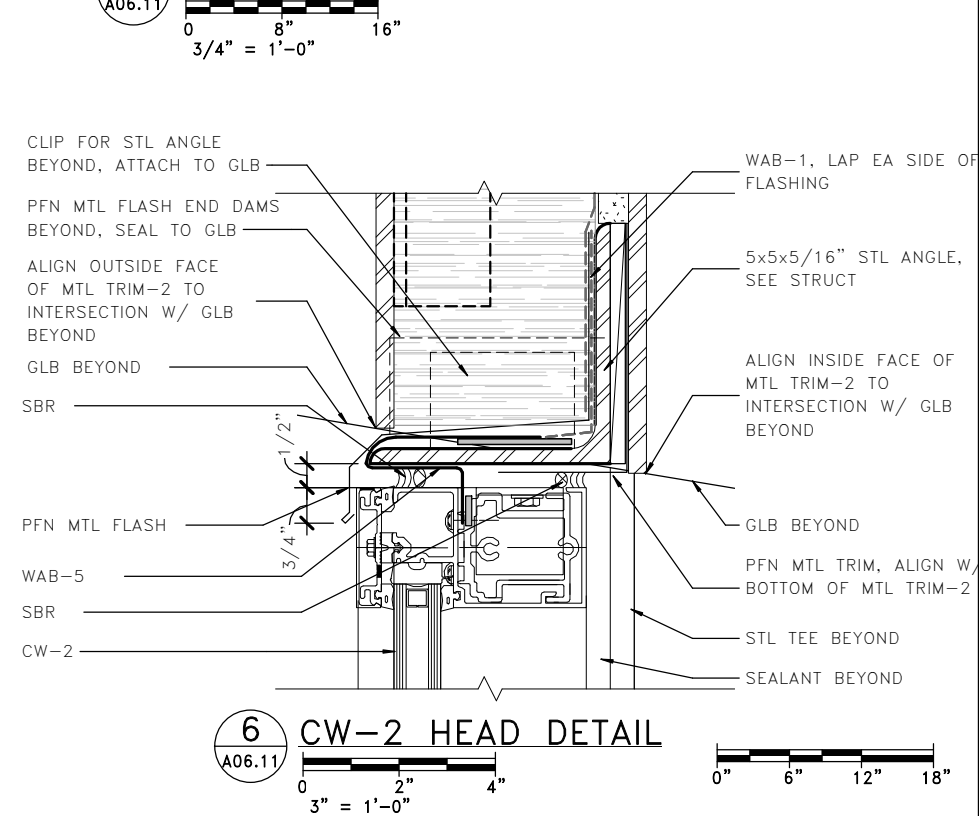
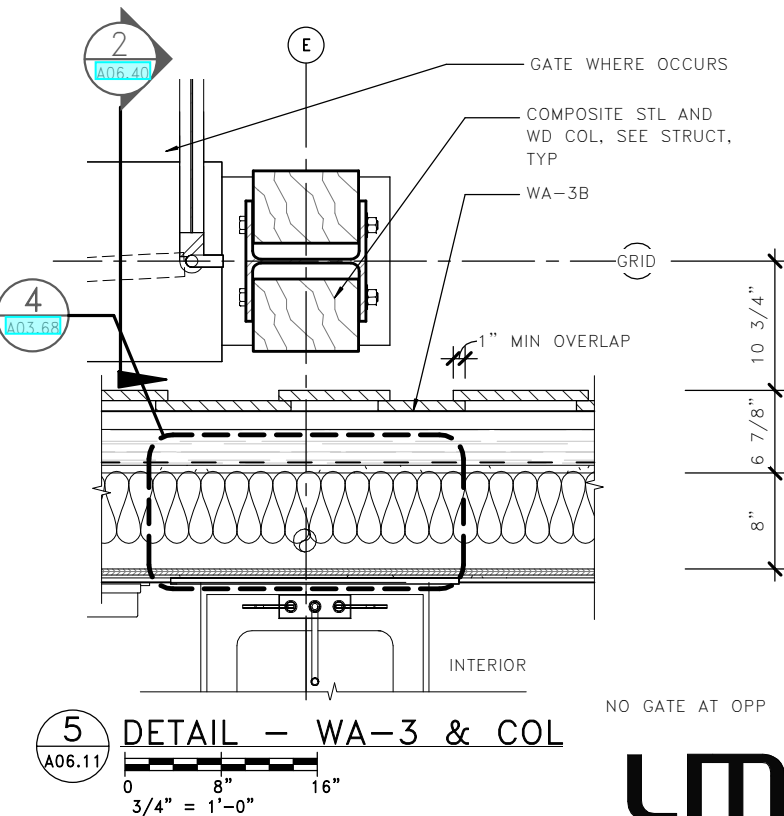
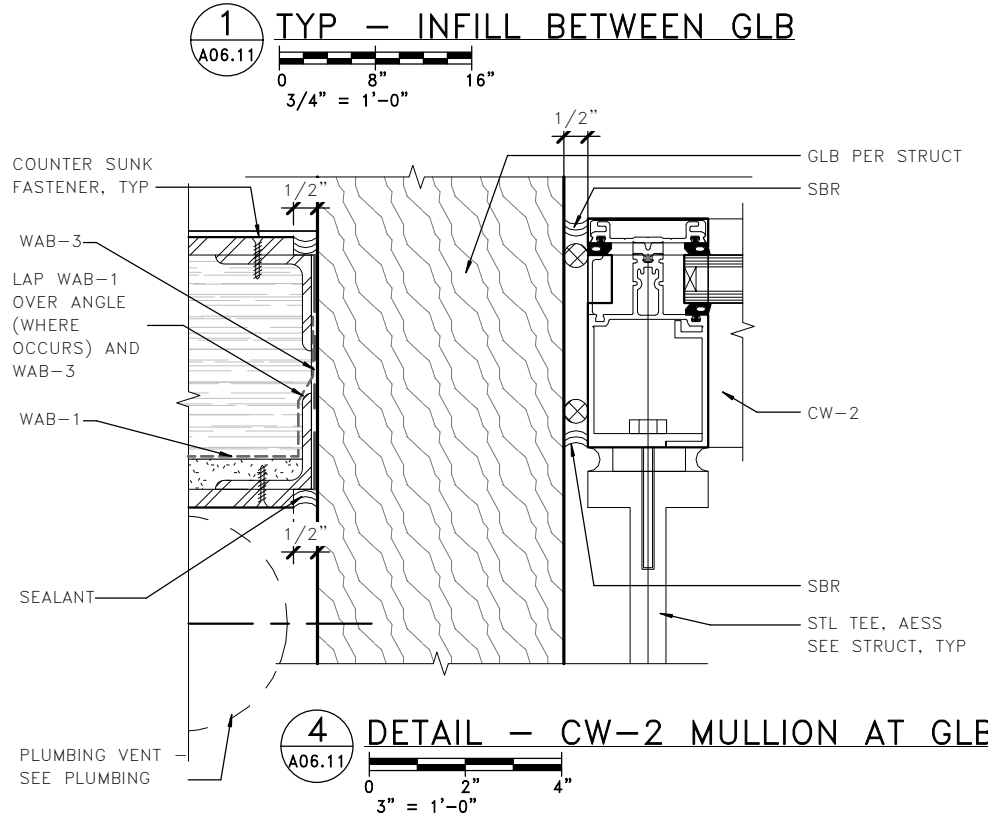
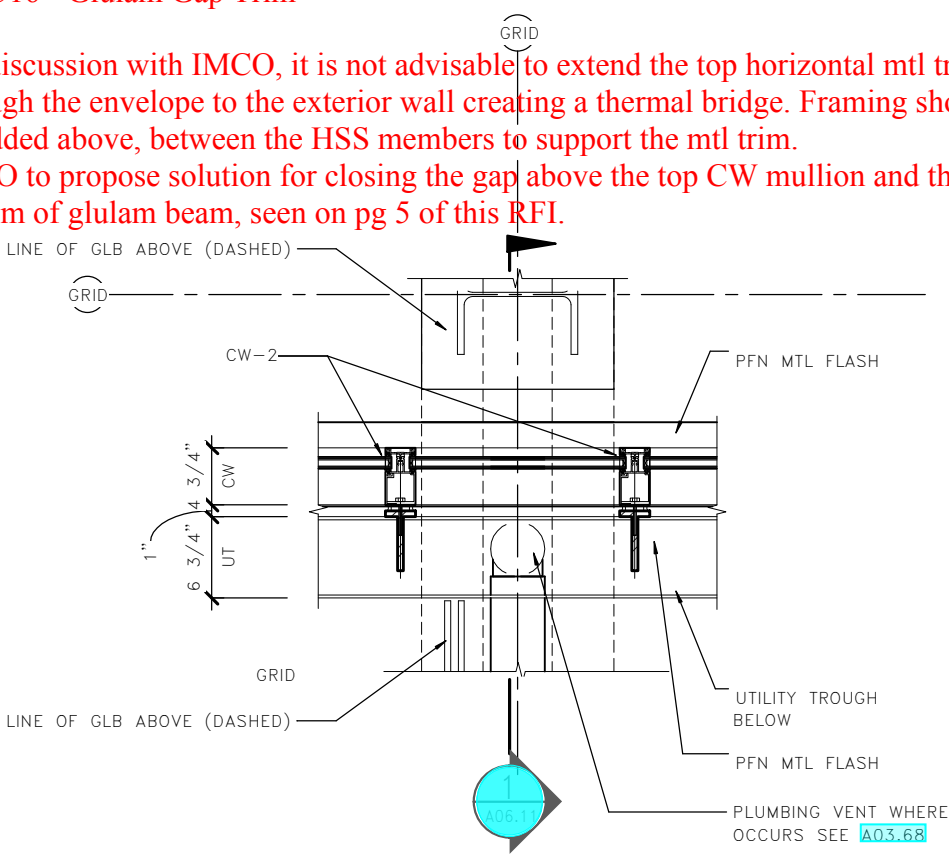
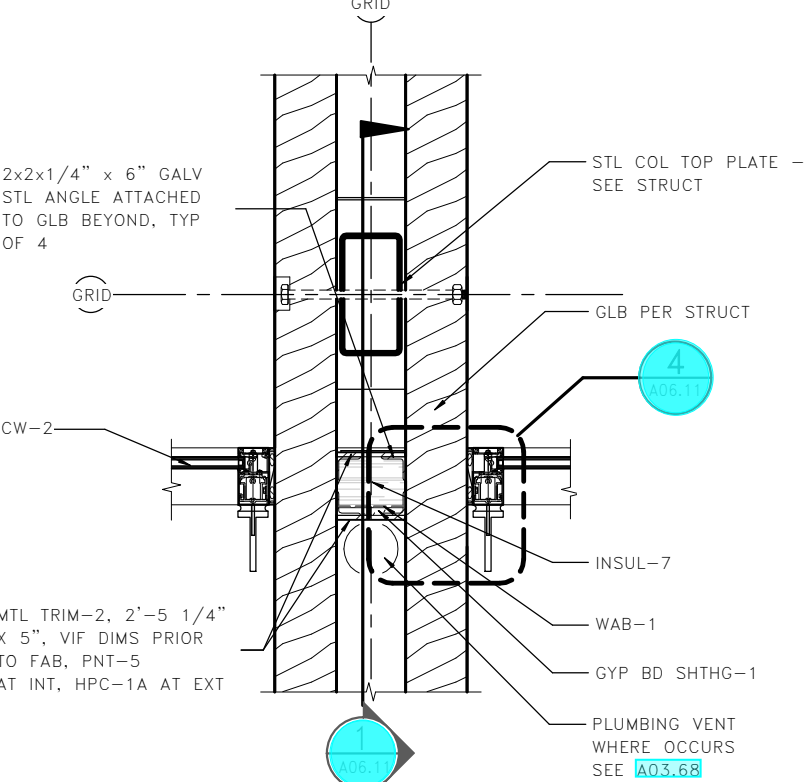
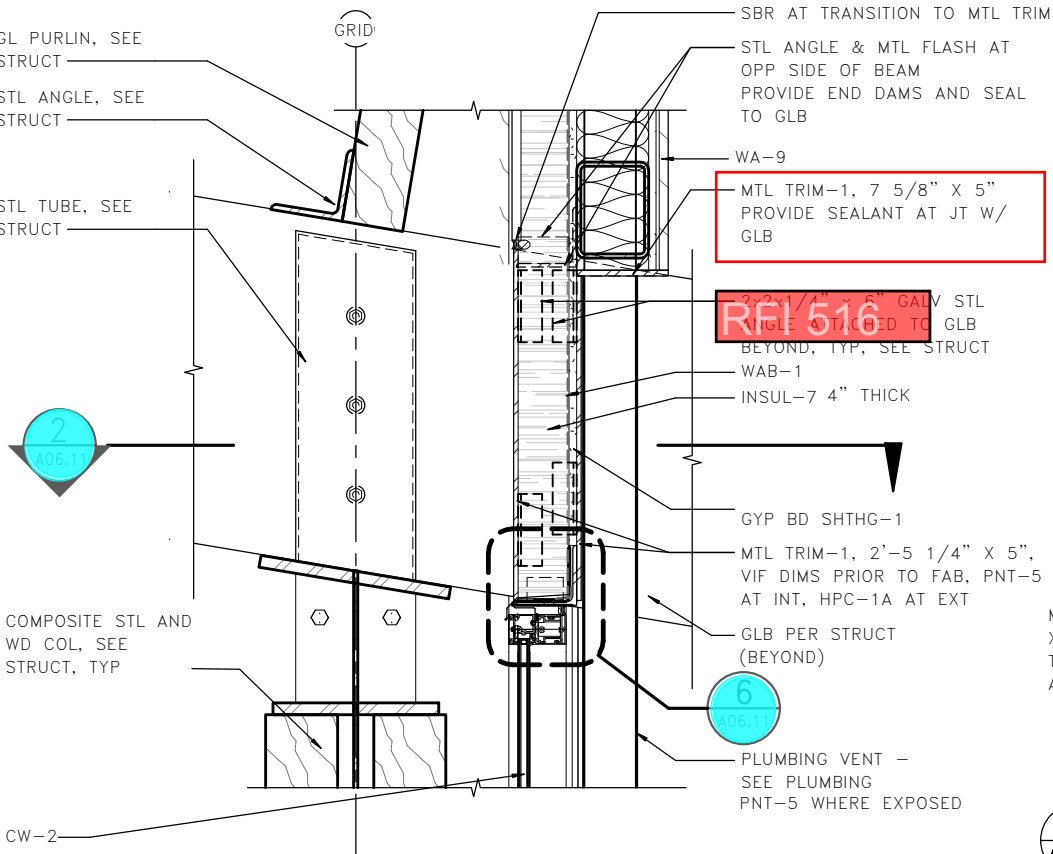


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EXTERIOR DETAILS

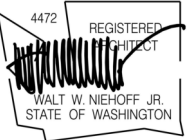
A06.10
SHEET
977
OF
1521
SHEETS

RFI 516 - Glulam Gap Trim

Per discussion with IMCO, it is not advisable to extend the top horizontal mtl trim-1 through the envelope to the exterior wall creating a thermal bridge. Framing should be added above, between the HSS members to support the mtl trim. IMCO to propose solution for closing the gap above the top CW mullion and the bottom of glulam beam, seen on pg 5 of this RFI.

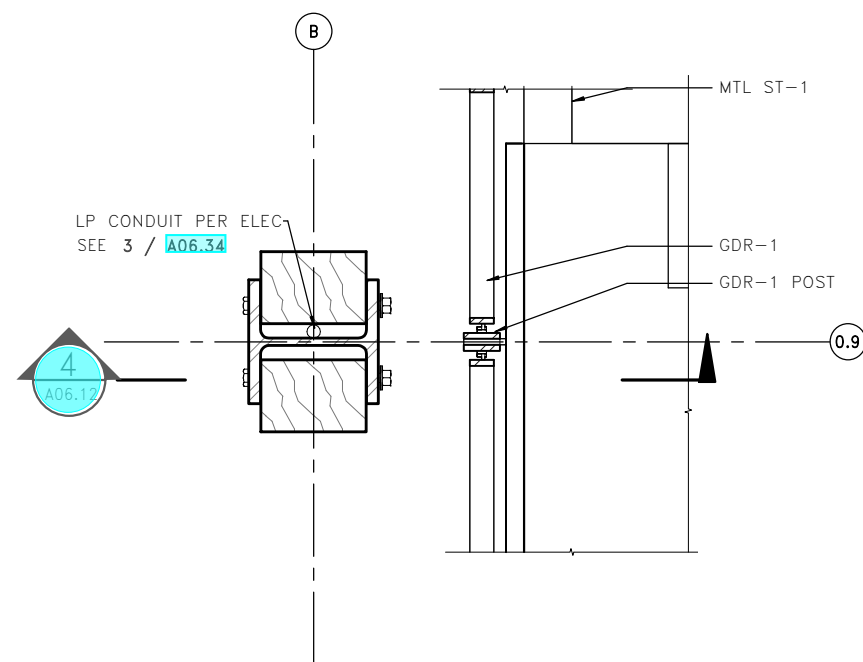


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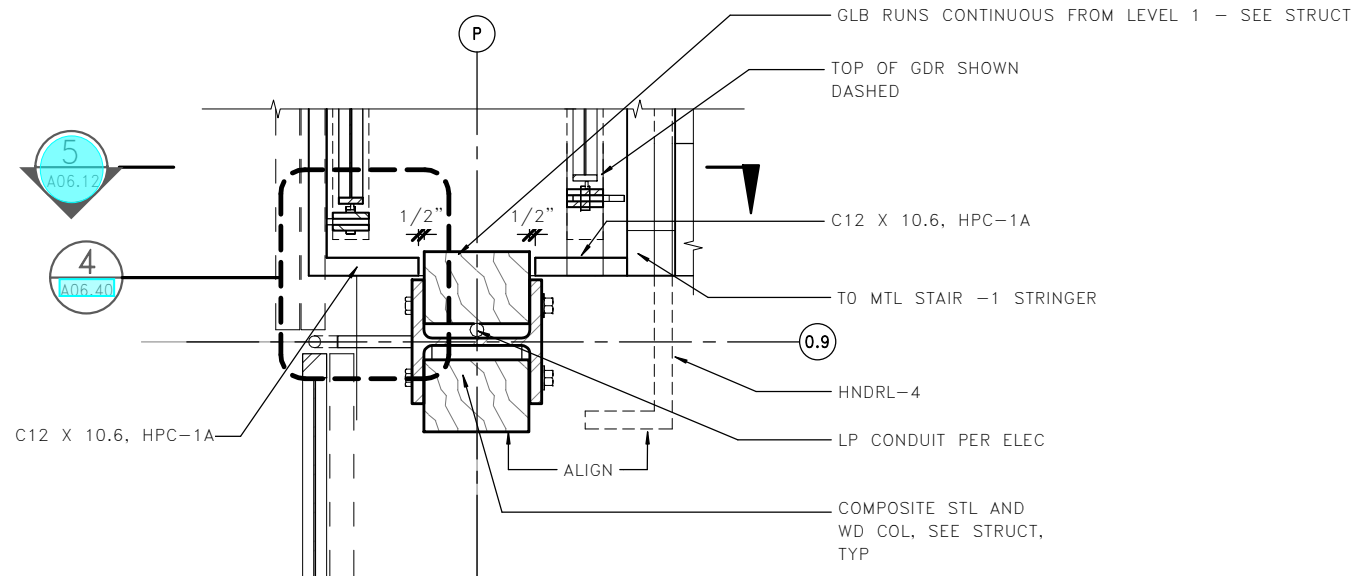


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MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EXTERIOR DETAILS

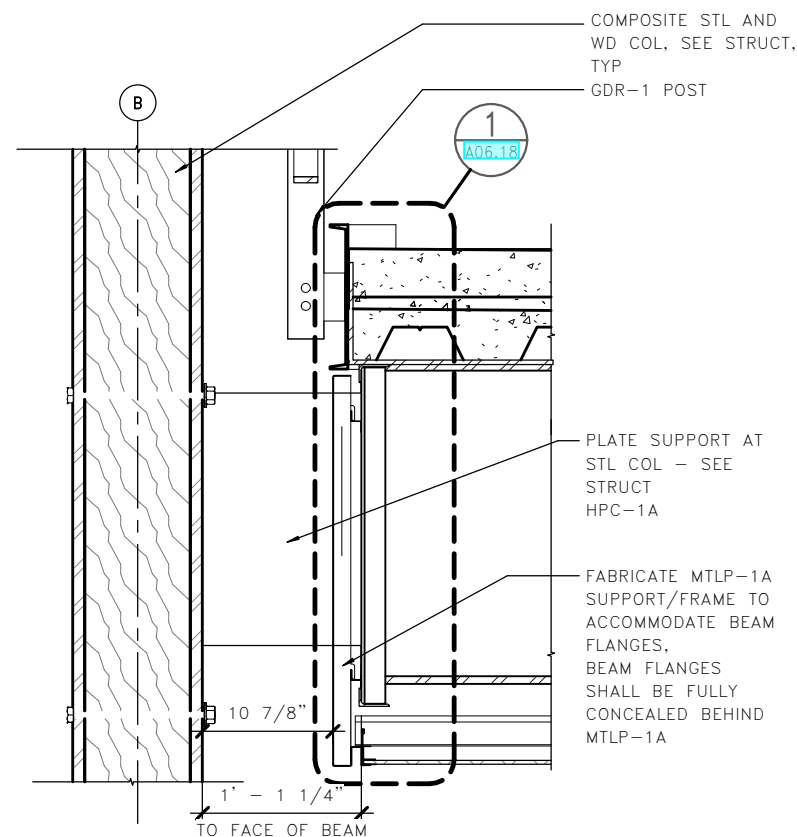
A06.11
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OF
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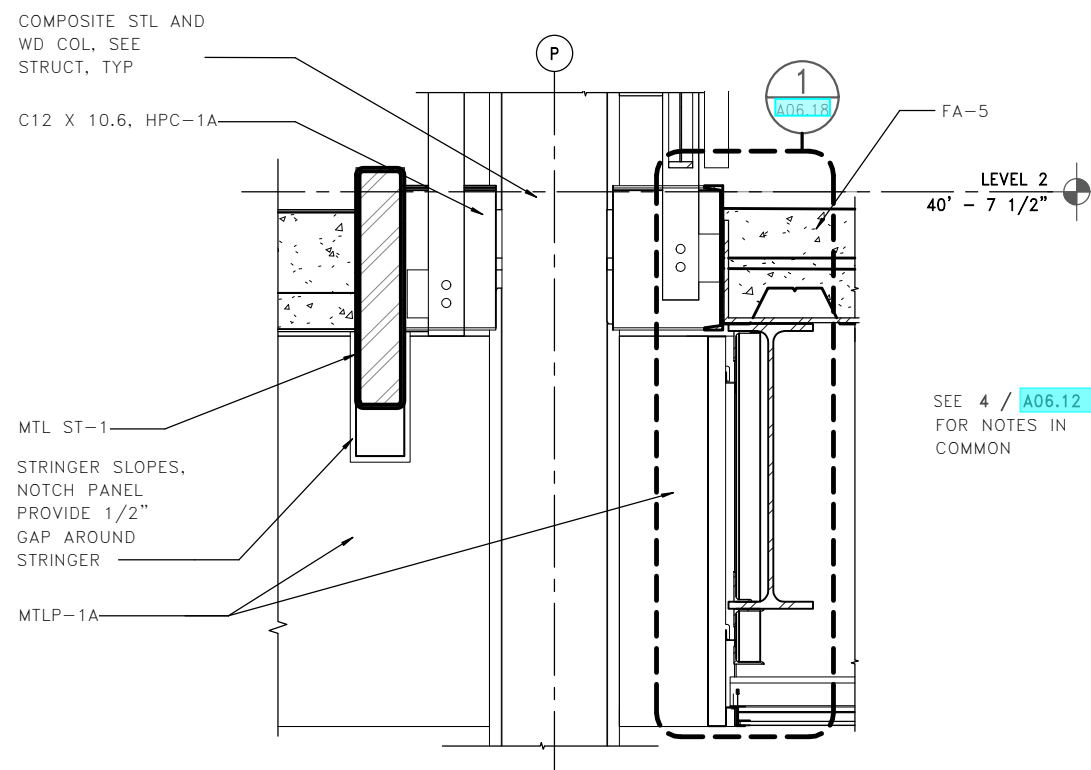
1 EXTERIOR DETAIL
A06.12



2 EXTERIOR DETAIL
A06.12



4 EXTERIOR DETAIL
A06.12



5 EXTERIOR DETAIL
A06.12

LMN

0" 6" 12" 18"

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WA-2017-007-00

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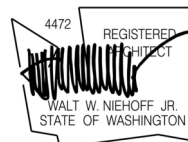
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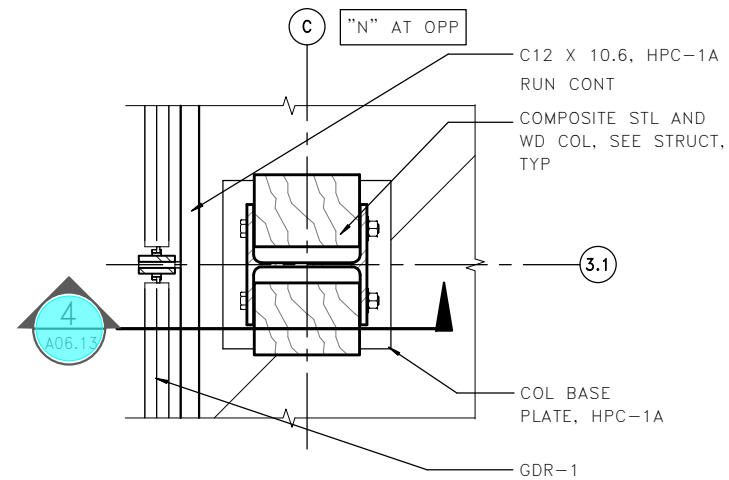


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

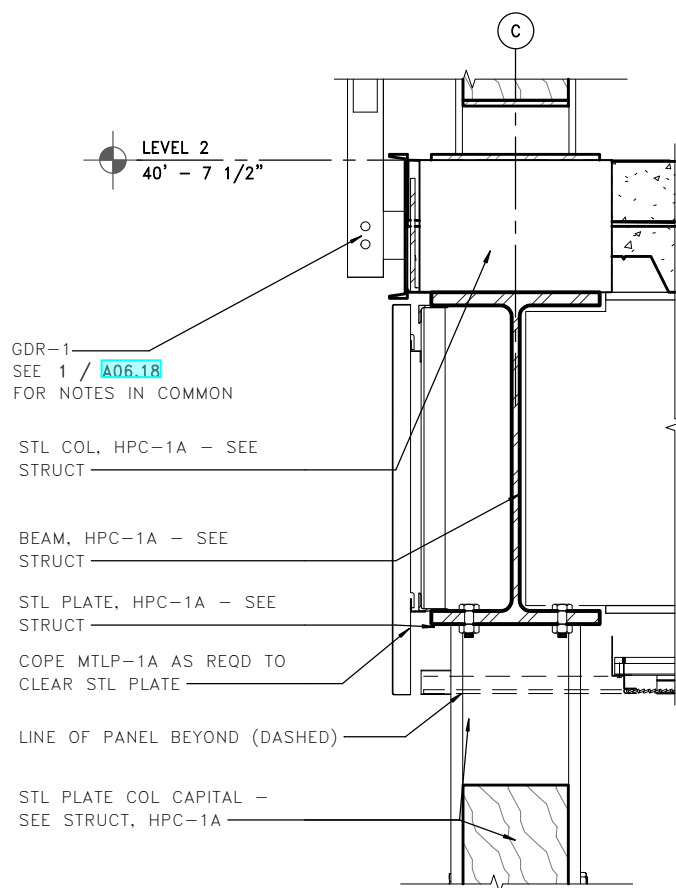
TERMINAL - EXTERIOR DETAILS

A06.12

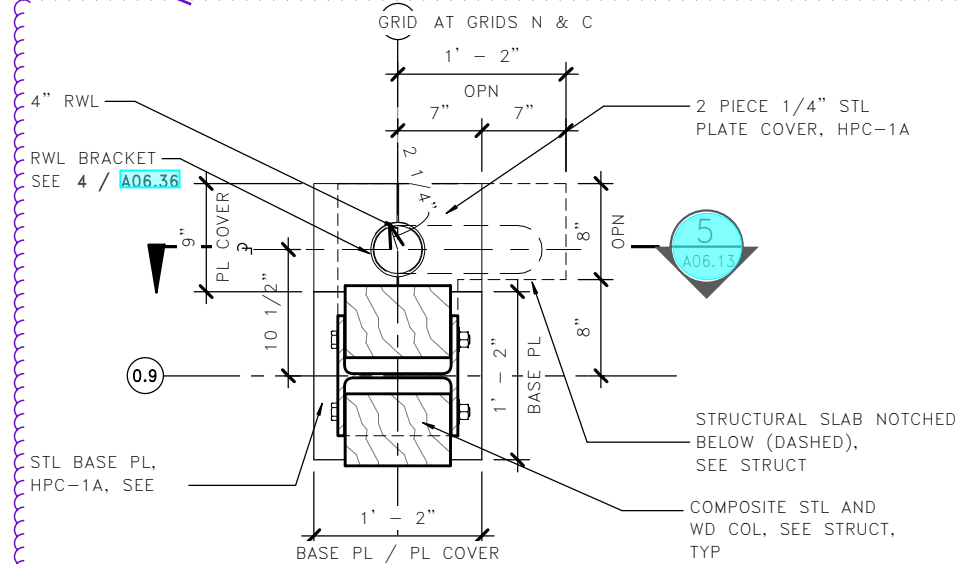
SHEET
979
OF
1521
SHEETS



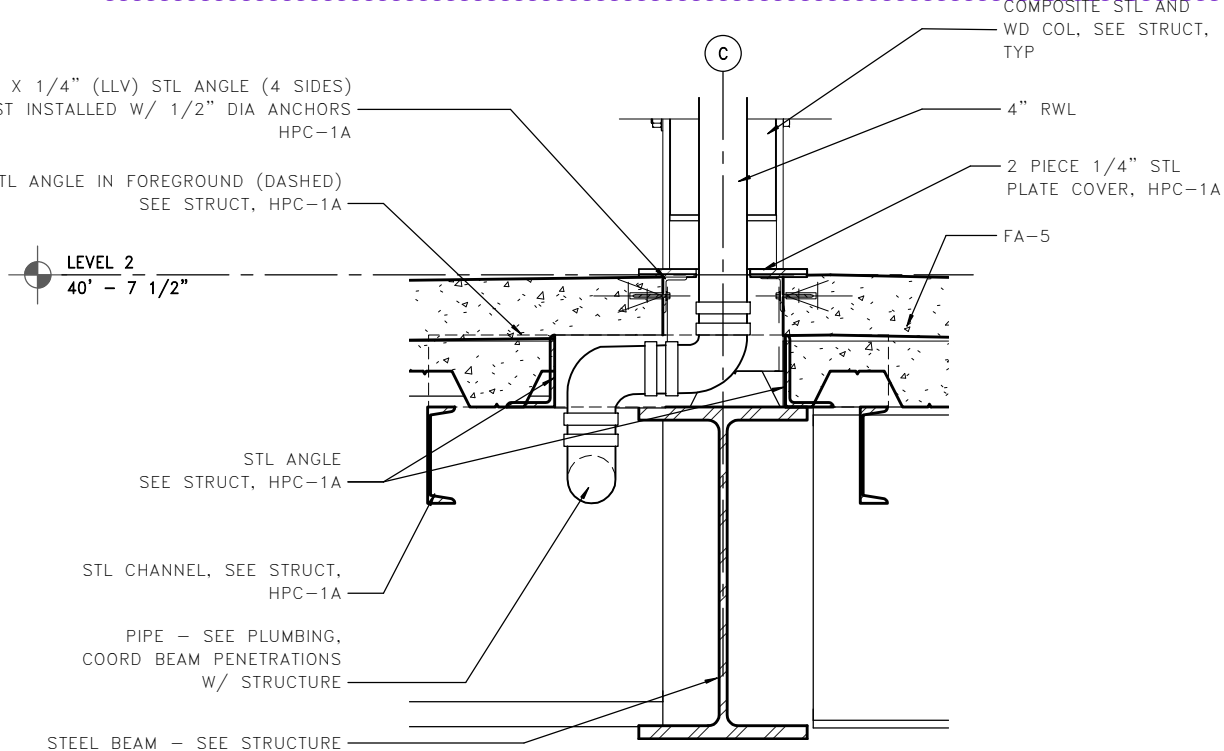
1 COLUMN AT FLOOR GUTTER
A06.13



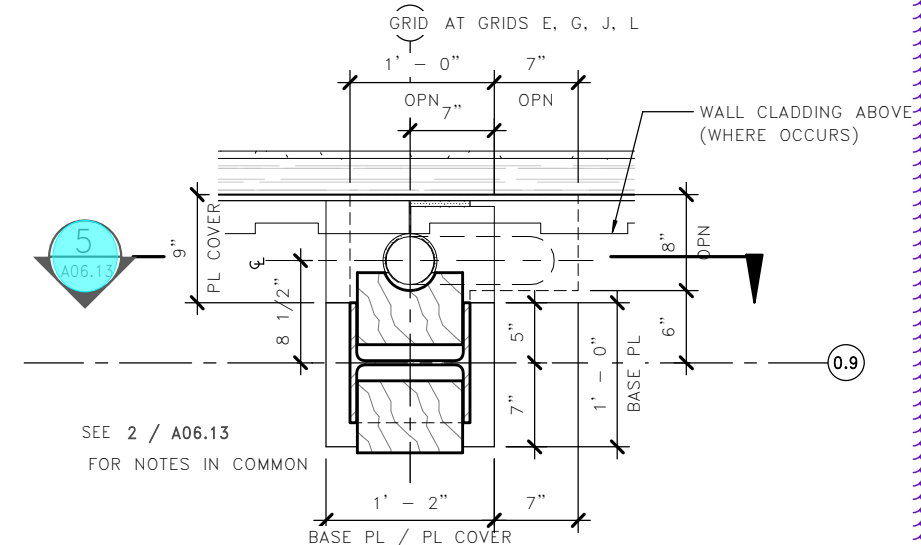
4 EXT DETAIL AT COLUMN C & 3.1
A06.13



2 DETAIL -RWL @ COLUMN 0.9 N & C
A06.13



5 DETAIL - TYP RWL AT FLOOR
A06.13



3 DETAIL - RWL @ COLUMNS 0.9 & E, G, J, L
A06.13

RFI 078 - Rain Leader Conflict

Response:

For all rain leaders, the vertical leg of one of the angles should align with side of the HSS per attached sketch SK-03-27-19D (6/SB06.17 with HSS stub size edit). Also at all rain leaders, there is a horizontal jog in the rain leader at the slab-on-metal deck. See 5/A06.13 for intent. For rain leaders at Grids C & N, no modifications are required.

For rain leaders at Grids E, G, J, L, the following modifications are required:

1. Provide a circular notch to match the rain leader, in the column baseplate atop the topping slab.
2. At the angle directly below the curtain wall embed plate (8/SB06.43), revise the angle from L6x4x5/16 LLV to L5x4x5/16 LLV. Bottom elevation of L5x4 angle to match bottom elevation of L6x4 angles.

Response Rev 2:

The following is in response to the questions on page 1 of this RFI.

1. The angle orientation as shown on page 3 of this RFI is acceptable.
2. At the plate on the L2 topping slab, provide the following:
Use 14" square plates typ uno per details 2/SB06.01, 3/SB06.01, 4/SB06.01, 7/SB06.01 & 8/SB06.01. At rain leaders, use 14" x 1'-0" plates (5" north of col CL and 7" south of col CL) per these same details. Note that for 5/SB06.01, 14" x 1'-0" plate (5" north of col CL and 7" south of col CL) is to be used.
The baseplates directly atop & below the wide-flange beams should be as indicted on the drawings.
3. At Grids E & L, the rainwater leader needs to shift to the north ~1" so that it does not conflict with the beam flanges. Verify shift of rainwater leader with Arch.
4. Moving the studs at the proposed locations as indicated on page 5 of this RFI is acceptable.
5. Revising the angle size at the proposed locations as indicated on page 5 of this RFI is acceptable.

From FSI consulting engineers (Zack Smith, 04/11/2019):

Please refer to specification section 22 10 00 for cleanout requirements. For additional clarification, see sample sketches on pages 6-8 of this RFI response (drawings P02.01, P02.02, and P02.03).

Response to item 3 - referencing detail 3/A06.13 rainwater leaders at grid E and L can move 1" north to avoid flange conflict. The wood siding on the wall behind the RWL need to be carefully adjusted so the RWL sits between 2 "battens" (LMN)

LMN

0" 6" 12" 18"

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DGN ENGR MNGR: N. MCINTOSH

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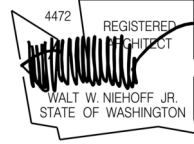
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DATE

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MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

TERMINAL - EXTERIOR DETAILS

A06.13

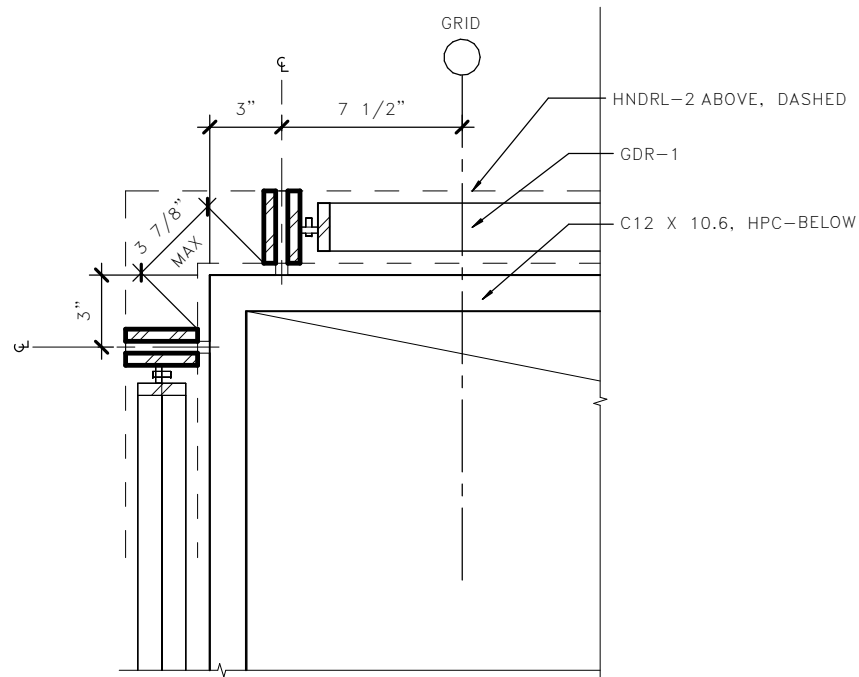
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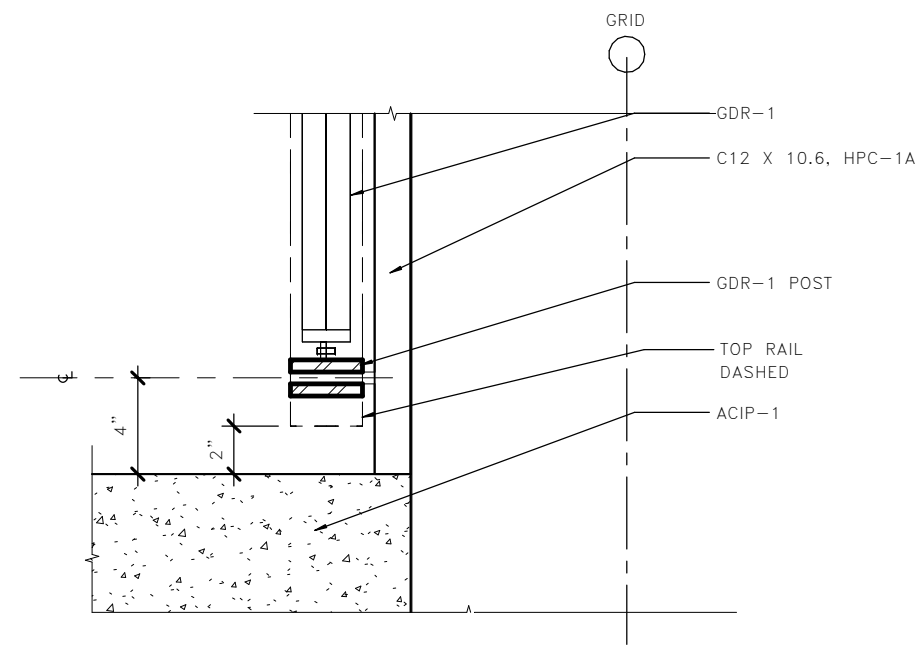
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SHEETS



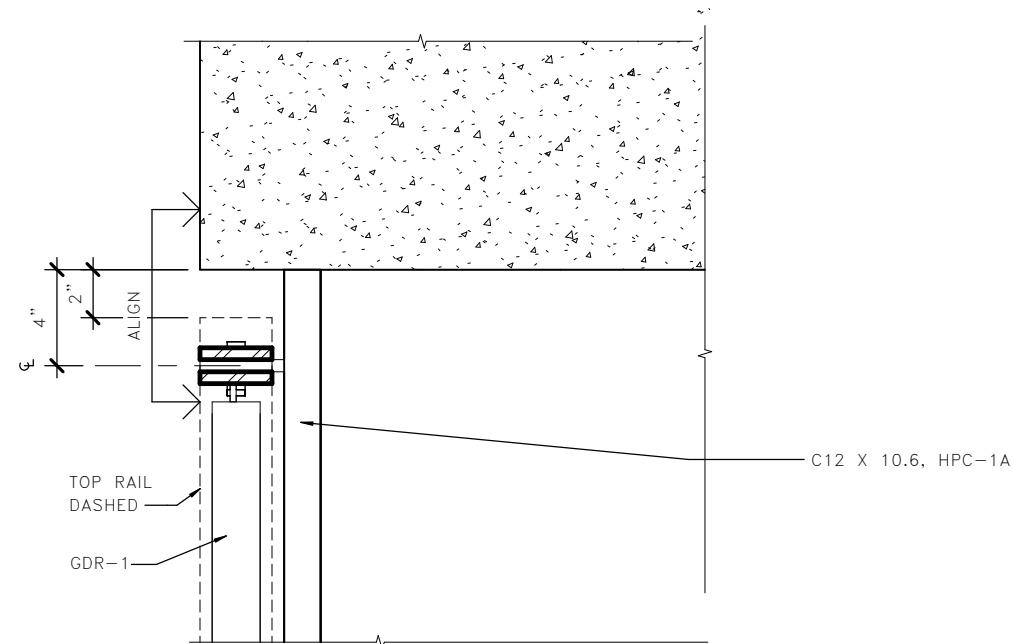
TYP OUTSIDE CORNER @ GDR-1 &
GRTG-4

1
A06.14



GDR-1 AT CONCRETE WALL - NORTH



2
A06.14

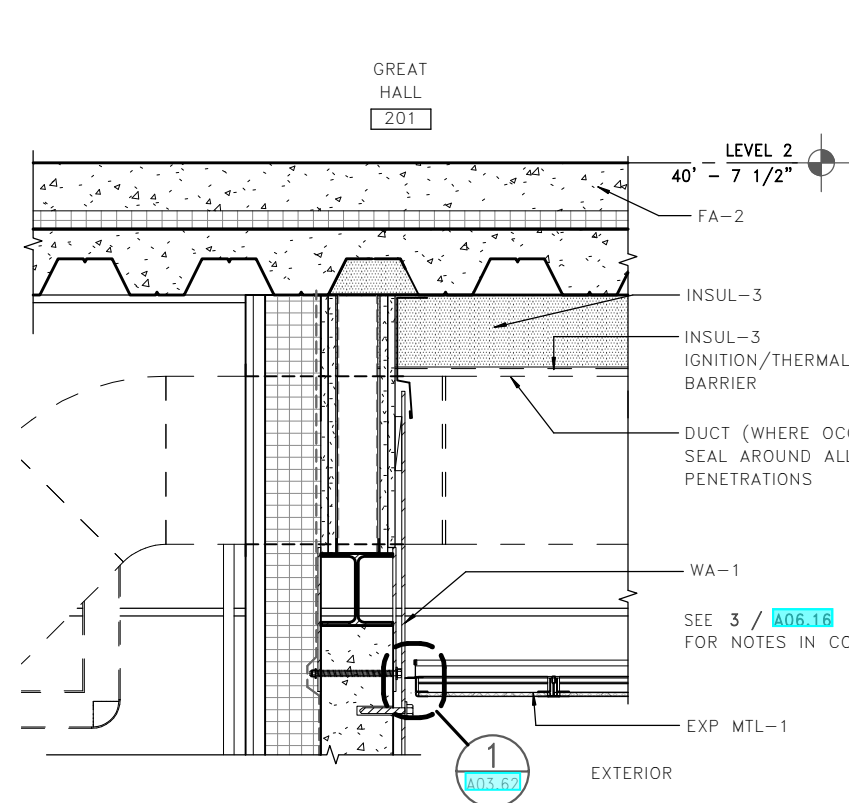


GDR-1 AT CONC WALL - SOUTH

5
A06.14



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1 EXTERIOR DETAIL – TOP OF WA-1
A06.15

RFI 100 - Steel Through Wall

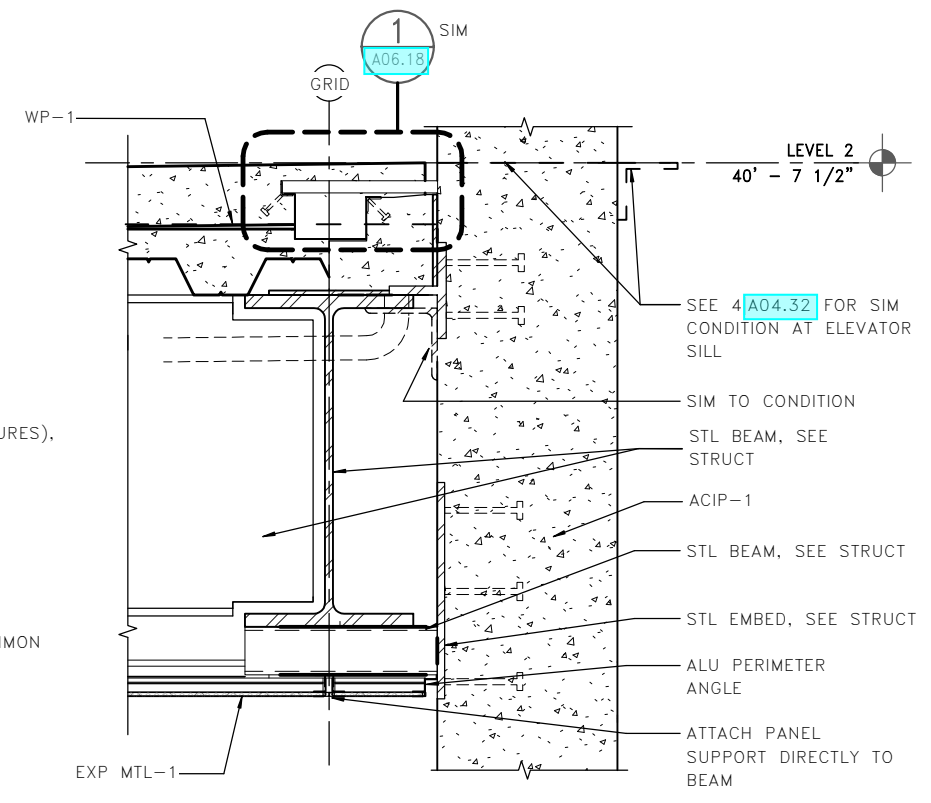
The W5x steel beams shown on 8/SB06.17 will connect to the intersecting W27x beams per 3/SB06.17 and 4/SB06.17.

The vertical 1/4" steel plates on both side of the W5x terminate shy of the W27x as shown on 4/SB06.17. The attached isometric appears to properly portray the information for both these items.

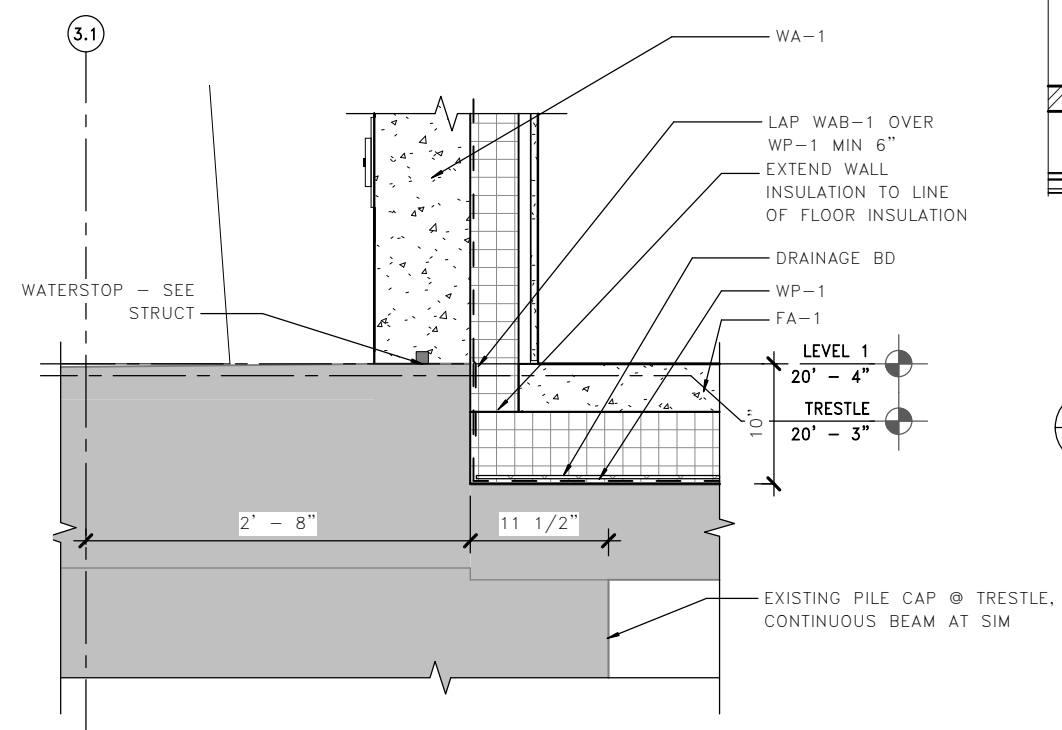
The top of concrete wall as shown on 8/SB06.17 should be maintained under the W27x beam.

LMNN to address the arch metal trim piece referenced on 1/A03.62, 1/A06.15 and 3/A06.16.

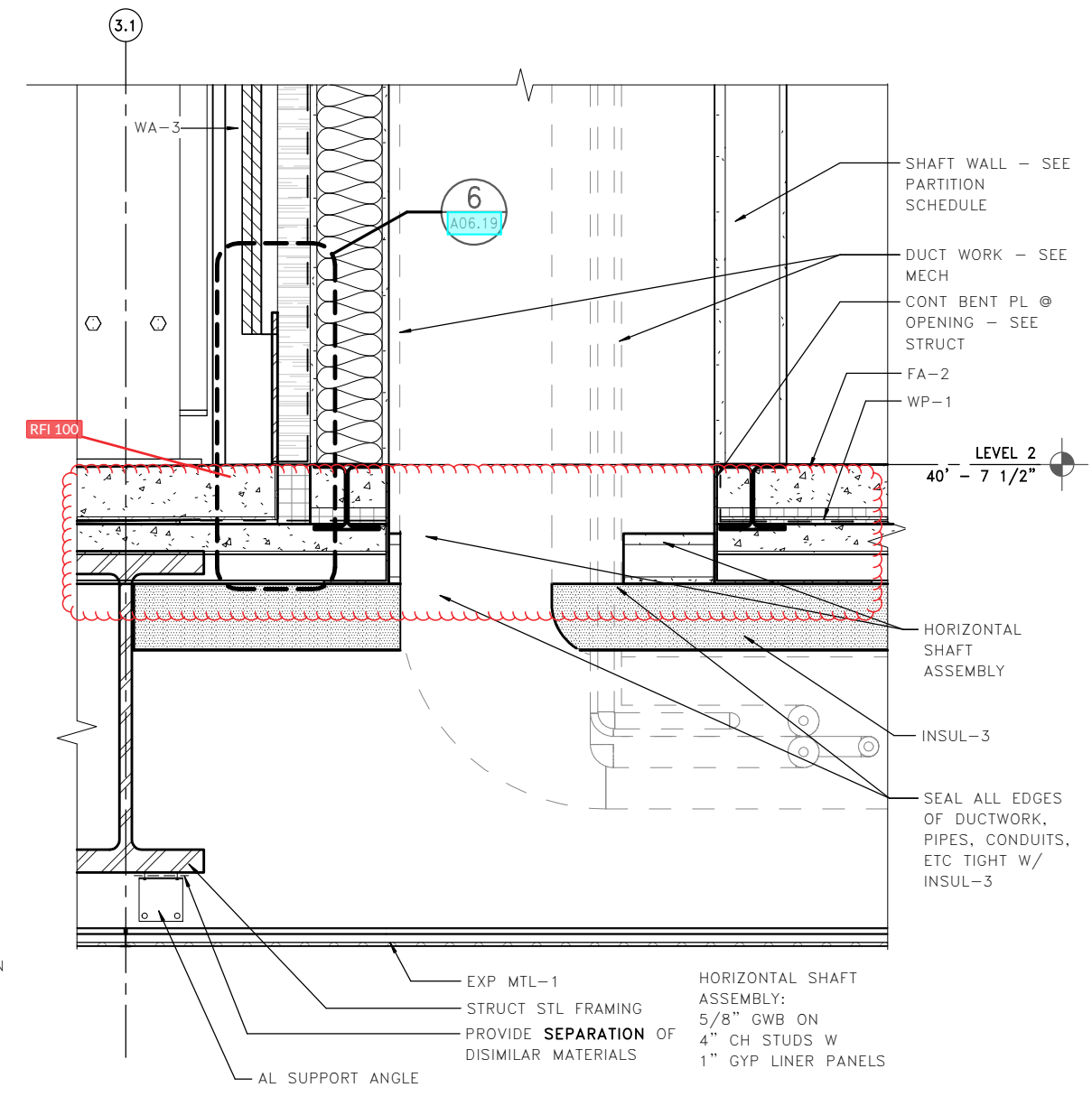
The stud partition with GYP BD SHTHG-1 should cope tight around and be sealed to the intersecting beams. MTL TRIM-2 should be cut around the intersecting beams as shown in attached sketch AK-10, leaving a 1" gap to the bottom web of the beam. The flashing "PFN MTL FLASH" shown in detail 3/A06.16 between the MTL TRIM-2 and the deck above can be eliminated. (LMN)



2 EXTERIOR DETAIL – ACIP WALL AT FLOOR
A06.15



5 DETAIL –EDGE OF FA-1 AT TRESTLE
A06.15



3 EXTERIOR DETAIL – LEVEL 2 FLOOR OPN
A06.15



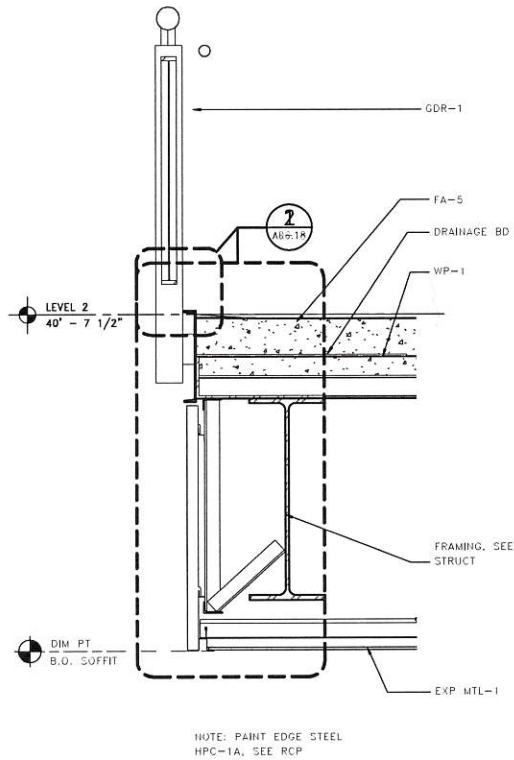
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JOB NUMBER	18W121
CONTRACT NO.	00****

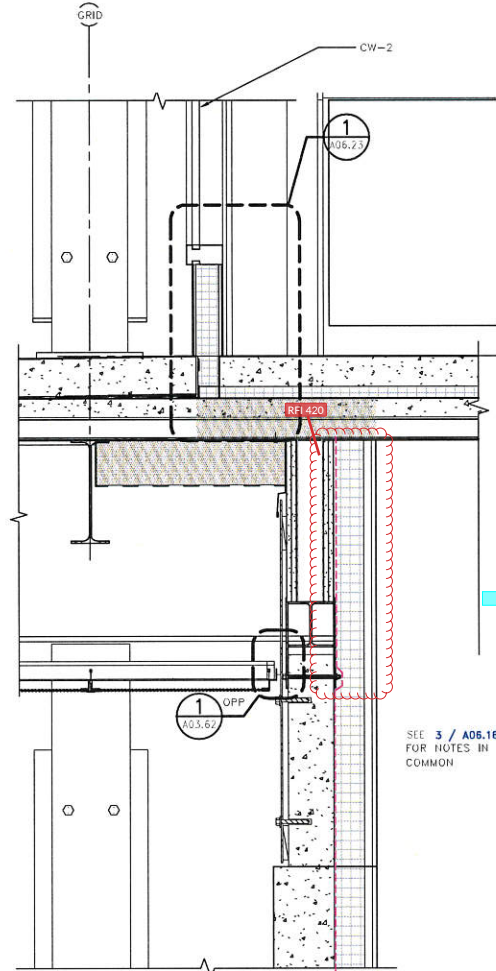


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL – EXTERIOR DETAILS

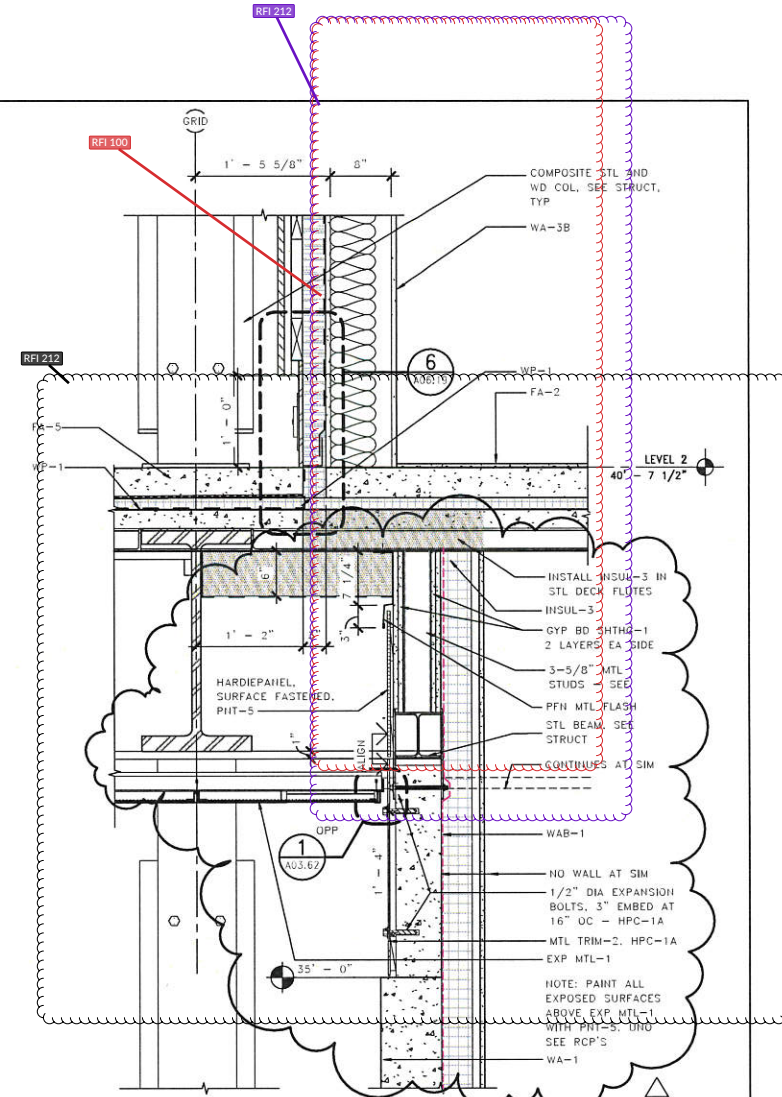
A06.15
SHEET
982
OF
1521
SHEETS



1 TYP PROMENADE EDGE
A06.16



2 EXTERIOR DETAIL-TOP OF WA-1 @ CW-2
A06.16



3 EXTERIOR DETAIL - WA-1 AT FLOOR
A06.16

LMN

0' 6' 12' 18'

FILE NAME: P:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\m1-CENTRAL_90%_rvf					
PRINTED: 7/29/2019 1:40:45 PM	LAST REVISION: 01/18/2019	FED.AID PROJ.NO.			
SUBMITTAL DATE: 01/18/2019	DESIGNED BY: H. FITZPATRICK	WA-2017-007-00			
ENTERED BY: G. BISHOP	01/18/2019	10 WA			
CHECKED BY: M. FISHER	01/18/2019	12W121			
MAR. PROJ. ENGR: C. TOPRES	01/18/2019	00****			
DGN. ENGR. MNGR: N. MCINTOSH					
ASST. SECRETARY: A. SCARTON					



SR 525	A06.16
MUKILTEO FERRY TERMINAL (PHASE 2)	SHEET
FERRY TERMINAL CONSTRUCTION	OF
TERMINAL - EXTERIOR DETAILS	SHEETS

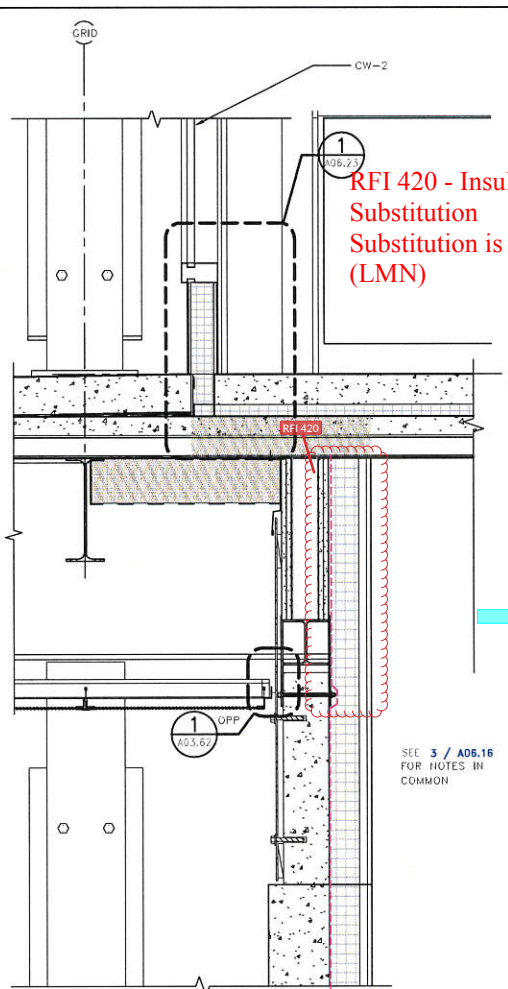
RFI 100 - Steel Through Wall

The W5x steel beams shown on 8/SB06.17 will connect to the intersecting W27x beams per 3/SB06.17 and 4/SB06.17. The vertical 1/4" steel plates on both side of the W5x terminate shy of the W27x as shown on 4/SB06.17. The attached isometric appears to properly portray the information for both these items. The top of concrete wall as shown on 8/SB06.17 should be maintained under the W27x beam. LMNN to address the arch metal trim piece referenced on 1/A03.62, 1/A06.15 and 3/A06.16

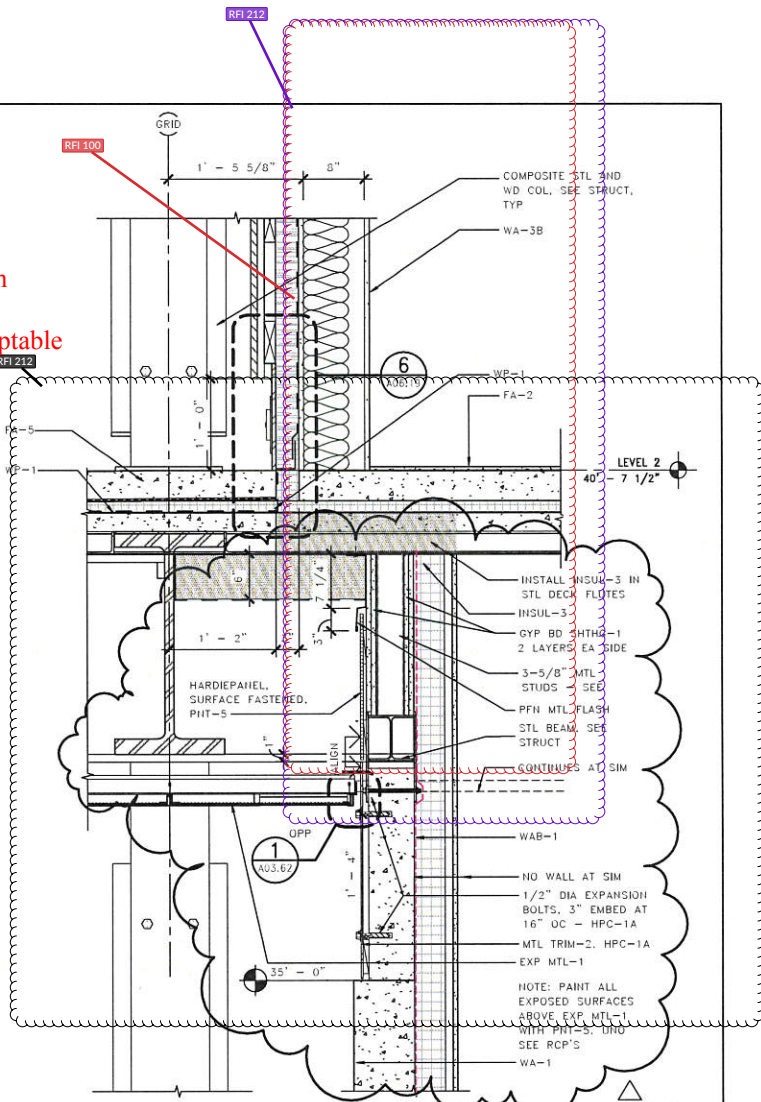
The stud partition with GYP BD SHUTTG-1 should cope tight around and be sealed to the intersecting beams. MTL TRIM-2 should be cut around the intersecting beams as shown in attached sketch AK-10, leaving a 1" gap to the bottom web of the beam. The flashing "PFN MTL FLASH" shown in detail 3/A06.16 between the MTL TRIM-2 and the deck above can be eliminated. (LMN)

RFI 212 - Terminal TRIM-2 Height

PER REQUEST FROM IMCO, IT WILL BE ACCEPTABLE TO REPLACE THE MTL TRIM-2 ABOVE THE PERFORATED METAL SOFFIT PER DETAIL 3/A06.16 AND AK-10 REV-1 WITH A PRODUCT LIKE HARDIEPANEL VERTICAL SIDING, PAINTED TO MATCH PNT-5. MTL TRIM-2 SHOULD EXTEND TO 1" BELOW THE LOWEST BEAM FLANGE AND HAVE VERTICAL JOINTS TO ALIGN WITH THE JOINTS IN THE ACIP WALL. MTL TRIM-2 SHOULD ALSO REVERT TO THE ORIGINAL MATERIAL WHICH WAS COLD ROLLED STEEL. THE EXPOSED FACE OF THE HARDIE PANEL SHOULD ALIGN WITH THE FACE OF MTL TRIM-2. SEE ATTACHED REVISED SHEET A06.16 AND AK-10 REV-1



RFI 420 - Insulation Substitution Substitution is acceptable (LMN)



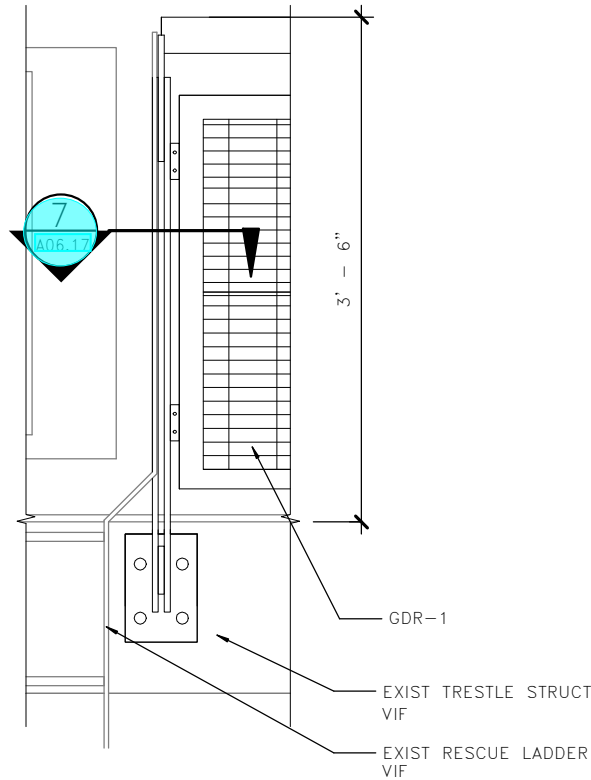
1 TYP PROMENADE EDGE

2 EXTERIOR DETAIL-TOP OF WA-1 @ CW-2

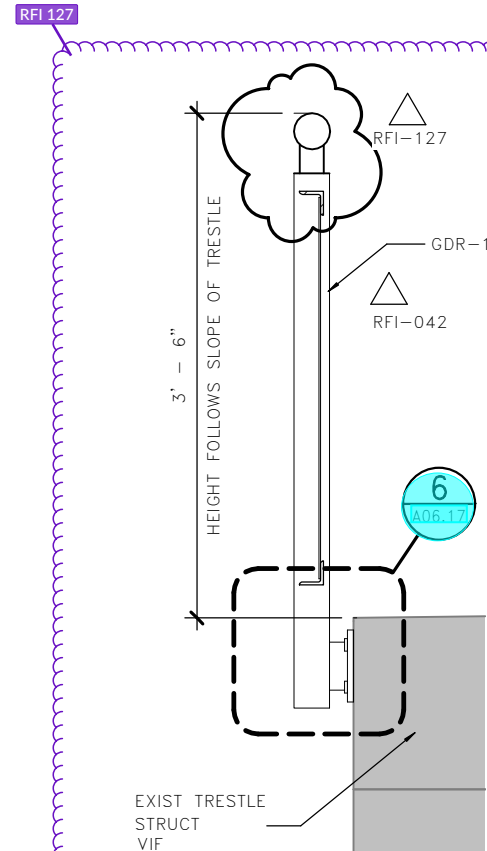
3 EXTERIOR DETAIL - WA-1 AT FLOOR



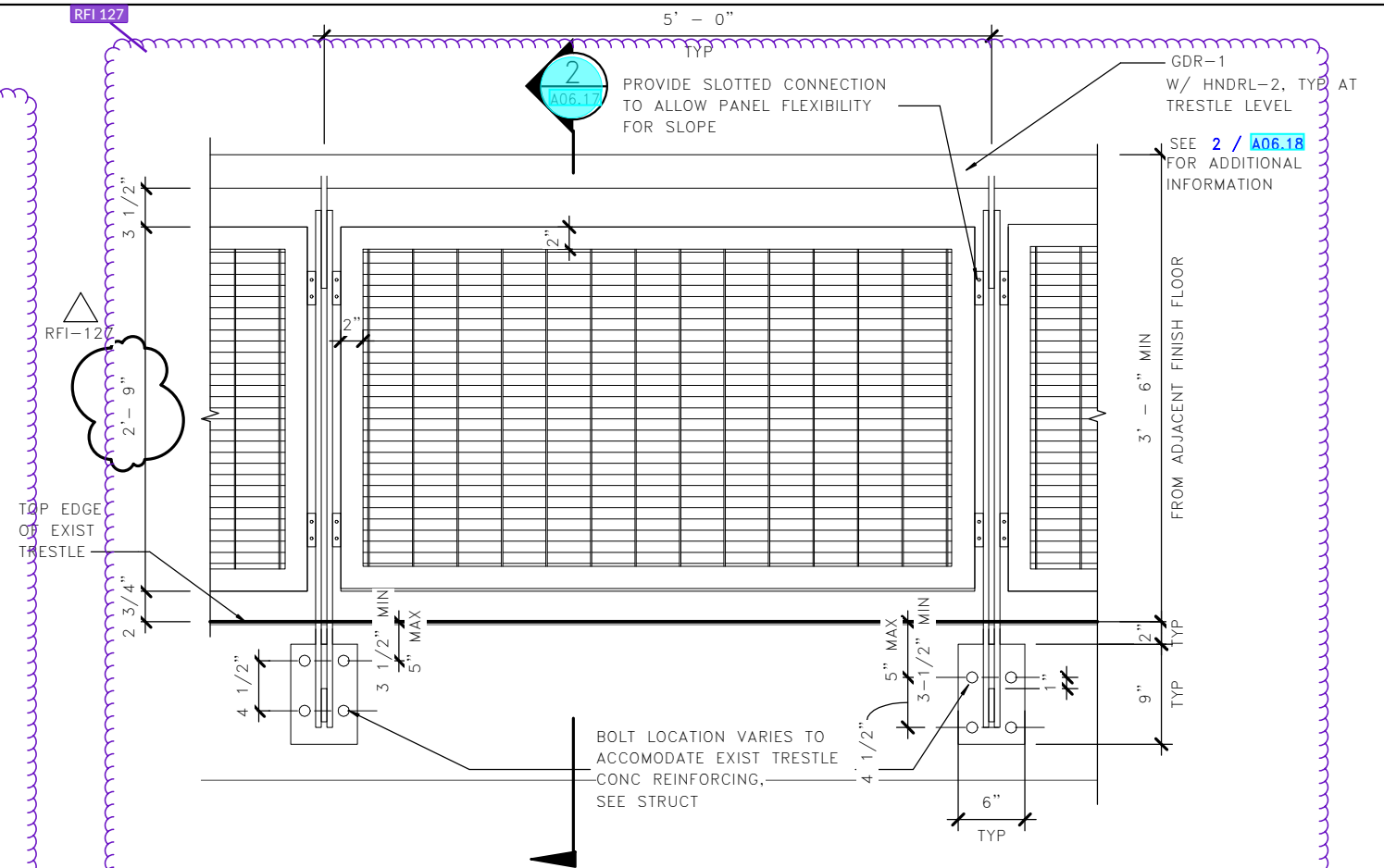
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SUBMITTAL DATE: 01/18/2019										FERRY TERMINAL CONSTRUCTION										OF	
DESIGNED BY: H. FITZPATRICK										TERMINAL - EXTERIOR DETAILS										SHEETS	
ENTERED BY: G. BISHOP																					
CHECKED BY: M. FISHER																					
MAR PROJ ENGR: C. TORRES																					
DGN ENGR MNGR: N. MCINTOSH																					
ASST SECRETARY: A. SCARTON																					



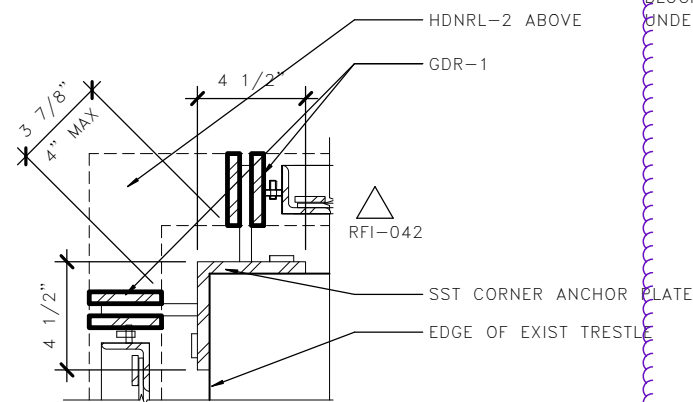
1 TRESTLE GDR-1 AT LADDER
A06.17
0 8" 16"
3/4" = 1'-0"



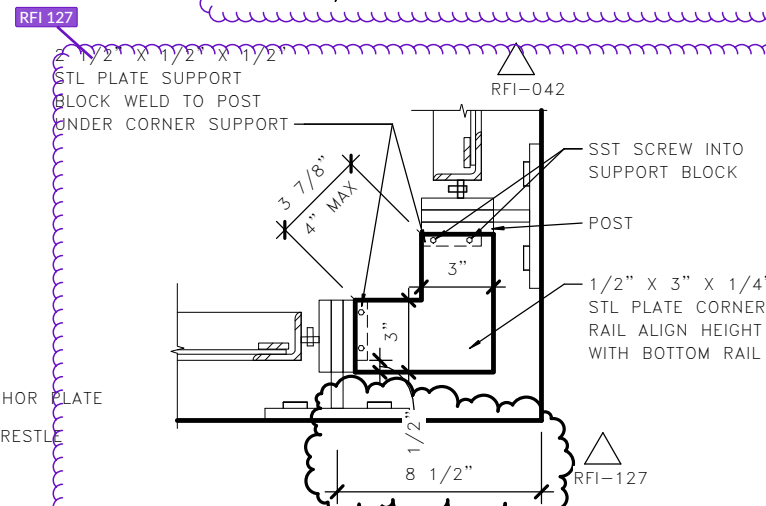
2 TRESTLE GDR-1 SECTION
A06.17
0 8" 16"
3/4" = 1'-0"



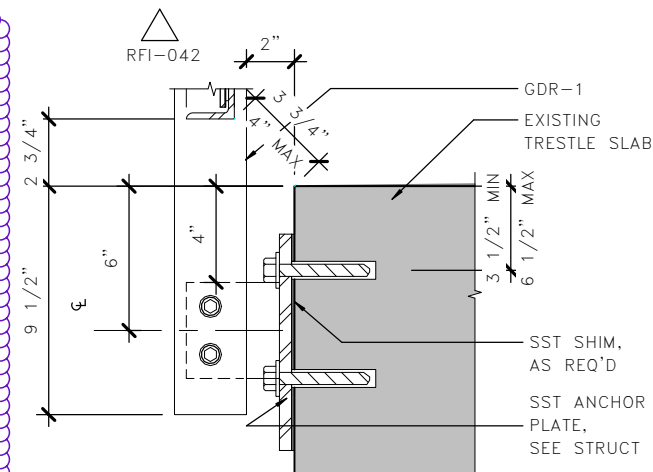
3 TRESTLE GDR-1 ELEV
A06.17
0 8" 16"
3/4" = 1'-0"



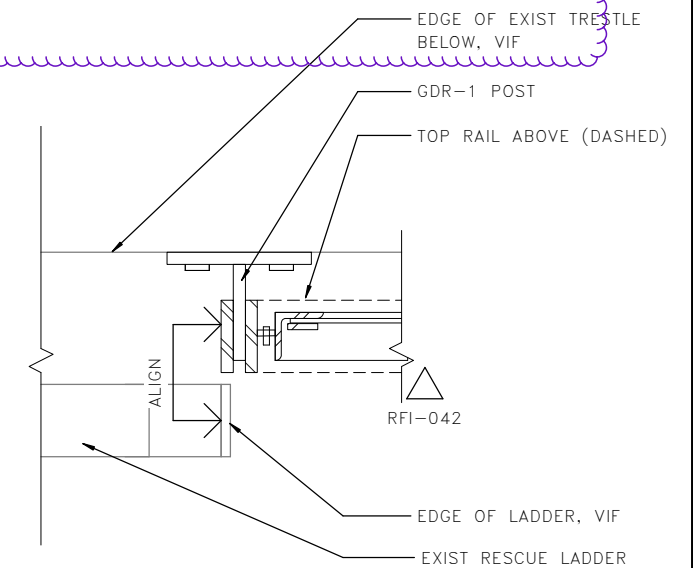
4 GDR-1 - TRESTLE OUTSIDE CORNER
A06.17
0 4" 8"
1 1/2" = 1'-0"



5 GDR-1 - TRESTLE INSIDE CORNER
A06.17
0 4" 8"
1 1/2" = 1'-0"



6 GDR-1 - TRESTLE ANCHOR PLATE
A06.17
0 4" 8"
1 1/2" = 1'-0"



7 TRESTLE GDR-1 AT LADDER
A06.17
0 4" 8"
1 1/2" = 1'-0"

LMN

FILE NAME:	PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt
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ENTERED BY:	G. BISHOP
CHECKED BY:	M. FISHER
MAR PROJ ENGR:	C. TORRES
DGN ENGR MNGR:	N. MCINTOSH
ASST SECRETARY:	A. SCARTON

LAST PRINTED BY:	MGREENSHIELDS
DATE:	01/18/2019
DATE:	05/14/19
DATE:	03/27/19
DATE:	01/18/19

FED.AID PROJ.NO.	WA-2017-007-00
REGION NO.	10
STATE	WA
JOB NUMBER	18W121
CONTRACT NO.	00****

4472	REGISTERED ARCHITECT
WALT W. NIEHOFF JR.	STATE OF WASHINGTON
DATE:	01/18/19

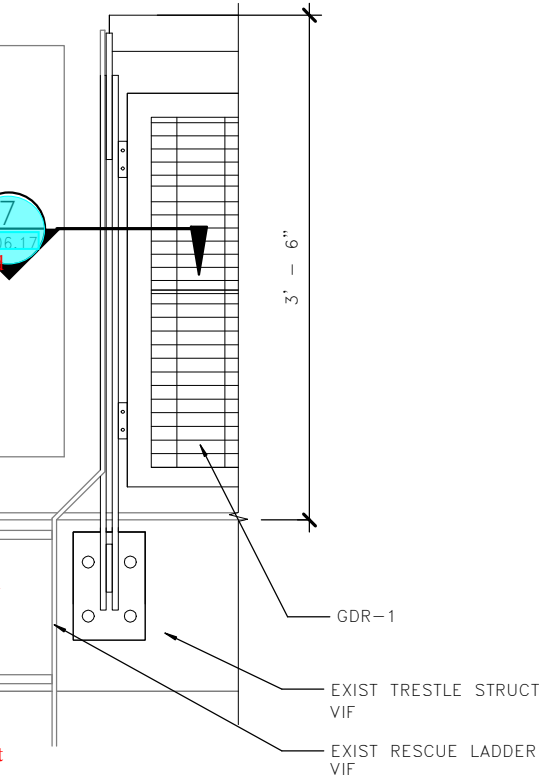
Washington State	Department of Transportation
WASHINGTON STATE FERRIES	

SR 525	MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION	
TERMINAL - EXTERIOR DETAILS - EDGE	

A06.17	SHEET
OF	SHEETS

Sheets A04.11, A06.17 and A06.18 have been revised as part of the response to this RFI.

1. See 1/SB06.09
2. Center to center dimensions between guardrail knife plates at OHL should be 16'-3". OHL is 14'-10" wide and per detail 5/A06.17 plate is 8 1/2" from edge of OHL. However, detail 5/A06.17 needs to be revised since a knife plate can not be attached to the edge of the OHL threshold. Please send new RFI to track that revision.
3. HDRL-2 is the top pipe in the GDR-1 assembly. It should be nominal 2 1/2" Stainless Steel pipe ASTM A312/A312M, grade TP316L, schedule 40, no. 4 bright directional finish (not painted with HPC). HDRL-2 is welded to a 2" wide stainless steel plate/bar that is then bolted to the guardrail assembly.
4. HDRL-4 is a stainless steel handrail with integrated lighting - see fixture type C in the luminaire schedule on EB07.00 and lighting plans EB08.01, 08.02 and 08.03. Coordinate handrail bracket with fixture and conduit location. Design intent is for bracket to weld to the bottom of the SST bar that supports HNDRL-2. The proposed detail in this RFI is not acceptable. HDRL-2 and HDRL-4 and the bracket for HDRL-4 and the SST bar (2"x8"x1" thick) that supports HDRL-2 (detail 4/A06.18) are the exception to the exposed metal receiving HPC-1 - these elements should remain unpainted no. 4 finish stainless steel.
5. Guardrails must meet code and be min 42" above finished floor. Increase height of guardrail infill panel frame from 2'-8 3/4" to 2'-9" to increase overall height of GDR-1 in detail 3/A06.17 and from 2'-6" to 2'-9" in detail 2/A06.18, with the gap between the top of channel at slab edge and the infill panel reduced to 2 3/4" from 3 1/2". This will create consistently sized infill panels.
6. The connection plates (knife plate at bottom and sst HNDRL-2 support at top) are typically 1/2" thick at the trestle/level 1, and 1" thick at the stairs and at level 2.

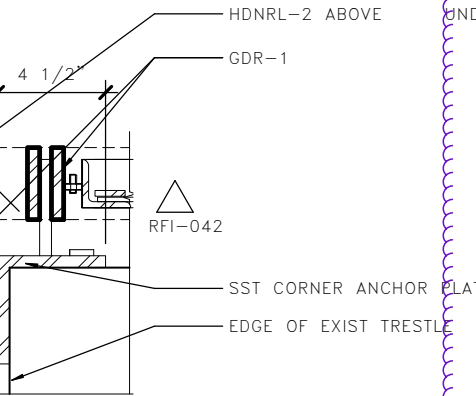


1 TRESTLE GDR-1 AT LADDER
A06.17
0 8" 16"
3/4" = 1'-0"

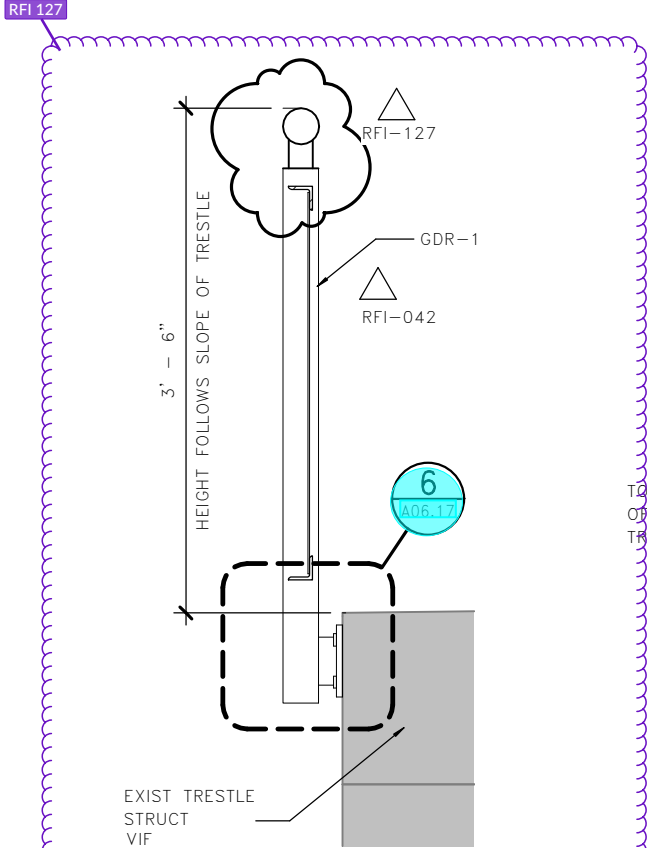
RFI 042 - GDR-1 Connections

Finish:
We will accept that the wire mesh (WWM-1) get the same high performance coating as the rest of the railing (HPC-1) instead of a powdercoating. Our main concern with that is that the WWM-1 gets a finish coat even where it is clamped into the frame structure and that the paint doesn't run or clog in tight spaces. With the revision it should be possible to shop finish the WWM-1 panel assembly prior to installation in the guardrail frame (a bolted connection).

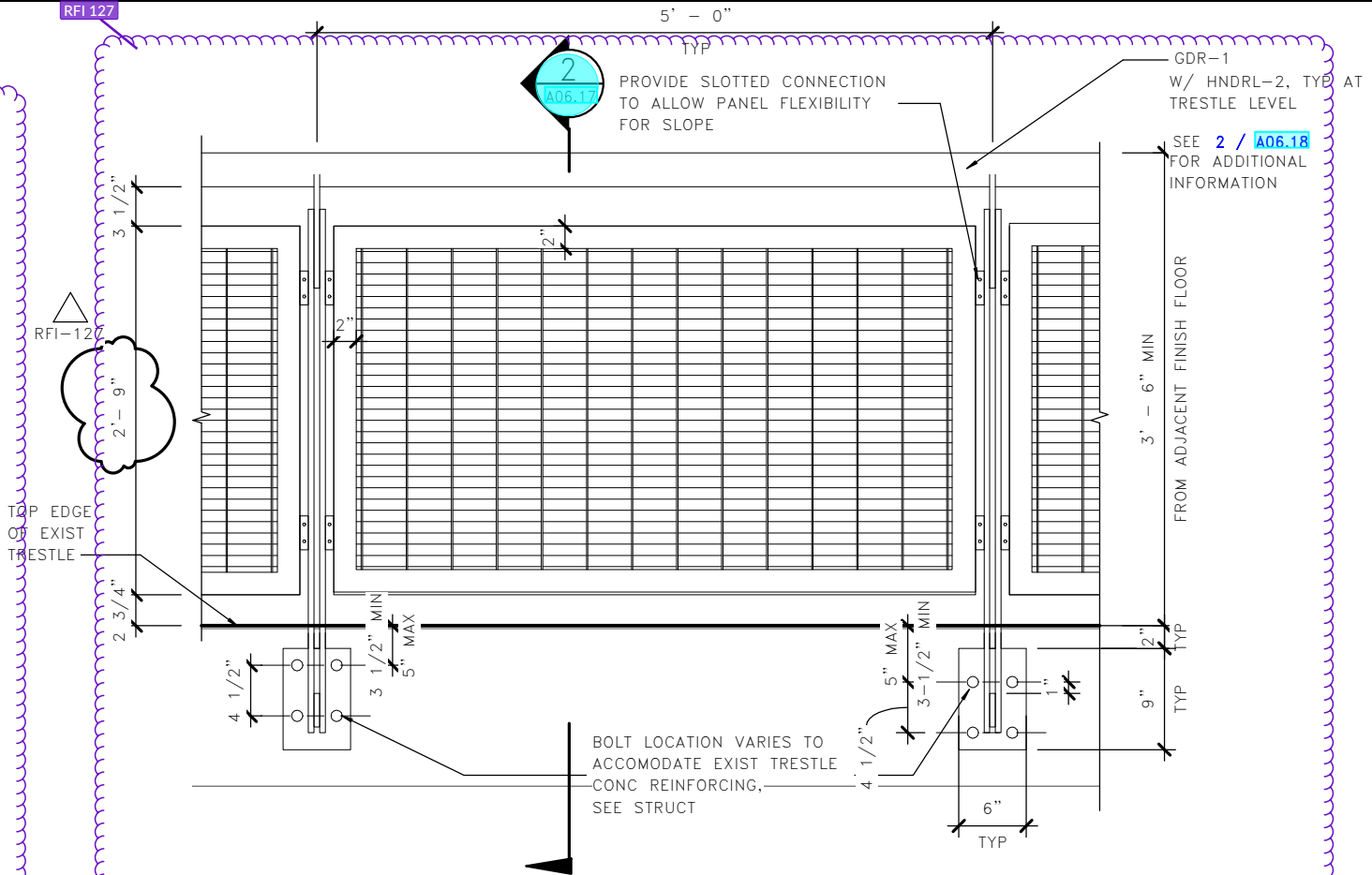
Detailing:
Revise WWM-1 panel details as shown on revised sheets A06.17 and A06.18. The revised detail consist of a 4 sided angle frame (2x2x1/4" steel angle) onto which the WWM-1 is clamped in place by a continuous steel bar (1 1/2"x 4") on the outside facing side of the guardrail. The 1/2" gap below the WWM-1 and the steel bar to allow light and dirt to escape the assembly. The WWM-1 panels are bolted thru tabs onto the GDR-1 frame with stainless steel bolts. We suggest that slotted holes be provided on one side of the tabs



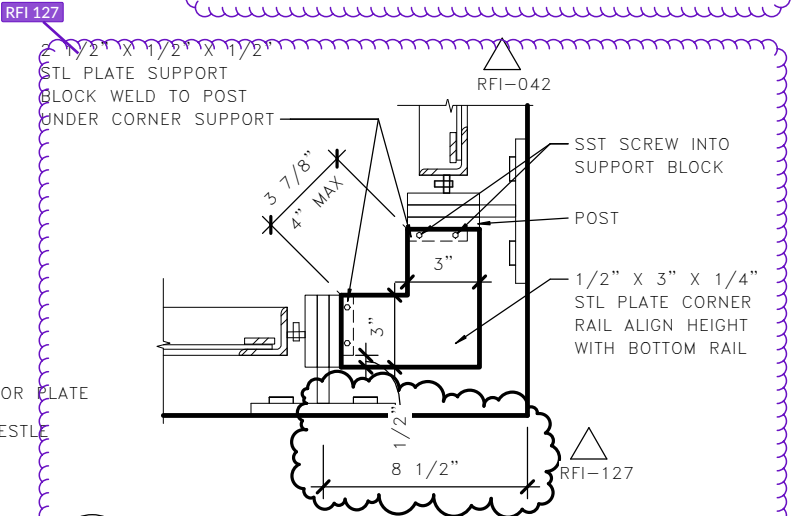
4 GDR-1 - TRESTLE OUTSIDE CORNER
A06.17
0 4" 8"
1 1/2" = 1'-0"



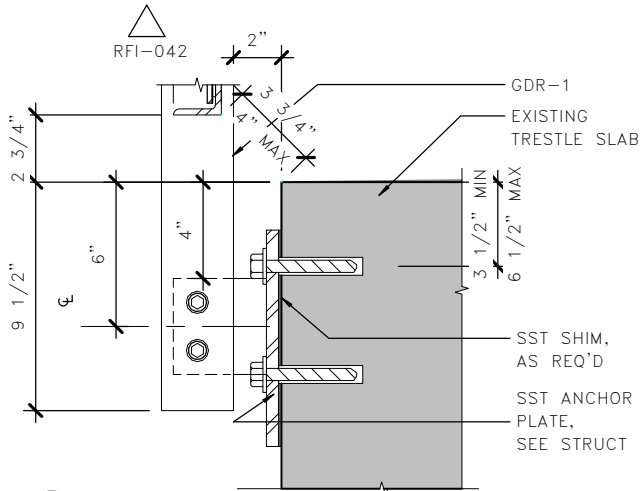
2 TRESTLE GDR-1 SECTION
A06.17
0 8" 16"
3/4" = 1'-0"



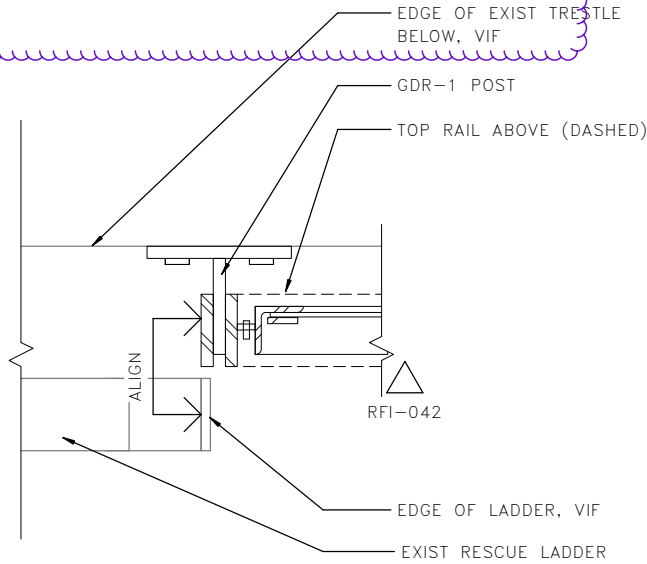
3 TRESTLE GDR-1 ELEV
A06.17
0 8" 16"
3/4" = 1'-0"



5 GDR-1-TRESTLE INSIDE CORNER
A06.17
0 4" 8"
1 1/2" = 1'-0"



6 GDR-1 - TRESTLE ANCHOR PLATE
A06.17
0 4" 8"
1 1/2" = 1'-0"



7 TRESTLE GDR-1 AT LADDER
A06.17
0 4" 8"
1 1/2" = 1'-0"

LMN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt				FED.AID PROJ.NO.	
PRINTED: 5/14/2019 3:38:47 PM	LAST PRINTED BY: MGREENSHIELDS			WA-2017-007-00	
SUBMITTAL DATE: 01/18/2019				REGION NO. 10	STATE WA
DESIGNED BY: H. FITZPATRICK	01/18/2019			JOB NUMBER 18W121	
ENTERED BY: G. BISHOP	01/18/2019	05/14/19		CONTRACT NO. 00****	
CHECKED BY: M. FISHER	01/18/2019	03/27/19			
MAR PROJ ENGR: C. TORRES					
DGN ENGR MNGR: N. MCINTOSH					
ASST SECRETARY: A. SCARTON					

DATE	
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4472 REGISTERED ARCHITECT WALT W. NIEHOFF JR. STATE OF WASHINGTON 01/18/19	DATE
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 Washington State Department of Transportation WASHINGTON STATE FERRIES
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SR 525 MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION TERMINAL - EXTERIOR DETAILS - EDGE
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A06.17 SHEET OF SHEETS



FILE NAME: PW:\WSF\ukilteo_14W121_FerryTermConst\CADD\LMH\mft-CENTRA\90%_r.d										SR 525										A06.18																			
PRINTED: 4/24/2019 2:40:30 PM										FED.AID PROJ.NO.										MUKILTEO FERRY TERMINAL (PHASE 2)										SHEET									
SUBMITTAL DATE: 01/18/2019										DRAWN: 2017-2007-001										FERRY TERMINAL CONSTRUCTION										OF									
DESIGNED BY: H. FITZPATRICK										PROJECT NO. 10 WA										TERMINAL - EXTERIOR DETAILS - EDGE										SHEETS									
ENTERED BY: G. BISHOP										DATE 04/24/19																													
CHECKED BY: M. FISHER										DATE 03/27/19																													
MAR PROJ ENGR: C. TORRES										DATE 01/18/19																													
DCAL ENGR MNGR: H. MCINTOSH										DATE																													
ASST SECRETARY: A. SCAROTON										DATE																													
REVISION																																							
BY																																							

Eliminate the weeps and weep holes shown on detail 1/A06.18 per the revised sheet A06.18 and sketches issued with the RFI-108 response.

At the bottom of the W21x62 beam, the bottom flange should be notched so that it is welded to the web of the W27x84 and also the 1.75" plate. At the top of the W21x62, extend flange of the beam ovetop (notch as needed) so that a moment connection similar to 1/SB06.05 can be maintained.

To accommodate drainage at the structural slab revise drain AD-1, identified on sheet P06.00 from the identified "Zurn Z1732" drain to basis of design drain "JAY R. SMITH" model 2005Y floor drain w/ 2010X extension adapter" Coordinate drain revision with plumbing fixture submittal 2-4000-01

See attached sketch AK-12 for detail of AD-1 (LMN)

Contract 9321
Change Order 35

Page 5 of 6

RFI 090 - Cladding Panel Support

Please see attached structural sketch SK-23 for info relating to the construction at the area in question.

Contractor to coordinate with Arch regarding locations of A06.18 related detail.

RFI 423 - Flashing Panel Base Flashing

Response:
It is difficult to answer this question without having seen the expanded metal ceiling shop drawings. It appears that you are attempting to substitute the prefinished metal ceiling trim with a wider 2 piece flashing?

Response Ref 1:
Provide flashing and trim as indicated in green on attached sketch and add confirmed acceptable by ceiling and siding sub contractors (LMN)

RFI 127 - Additional Guardrail Questions

- Sheets A04.11, A06.17 and A06.18 have been revised as part of the response to this RFI.
1. See 1/SB06.09
 2. Center to center dimensions between guardrail knife plate. HDRL should be 2'-0" O.C. is 14'-10" wide and per detail 5/A06.18 plate is 8'-2" from edge of GDR-1 detail. S&P needs to be revised since a knife plate can not be attached to the edge of the OOT threshold. Please send new RFI to track this revision.
 3. HDRL-2 is the top pipe in the GDR-1 assembly. It should be nominal 2 1/2" Stainless Steel pipe ASTM A312/A312M, grade TP316L, schedule 40, no. 4 bright directional finish (not painted with HPC). HDRL-2 is welded to a 2" wide stainless steel plate/bar that is then bolted to the guardrail assembly.
 4. HDRL-4 is a stainless steel handrail with integrated lighting - see fixture type C in the luminaire schedule on EB07.00 and lighting plans EB08.01, 08.02 and 08.03. A separate handrail bracket with fixture and conduit location. Design intent is for bracket to be welded to the bottom of the SST bar that supports HDRL-2. The proposed detail in this RFI is not acceptable. HDRL-2 and HDRL-4 and the bracket for HDRL-4 and the SST bar (2'-0"x1" thick) that supports HDRL-2 (detail 4/A06.18) are the exception to the exposed metal receiving HPC-1. These elements should remain unpainted as a finish stainless steel.
 5. Guardrails must meet code and be installed above finished floor. Increase height of guardrail infill panel frame from 2'-8 3/4" to 2'-9" to increase overall height of GDR-1 in detail 3/A06.17 and from 2'-8" to 2'-9" in detail 2/A06.18 with the gap between the infill panel at slat edge and the infill panel reduced to 2 3/4" from 1 1/2". The infill panel consists of 1/2" thick infill panels.
 6. The connection plates (knife plate at top and 1st HDRL-2 support at top) are typically 1/2" thick at the trestle level, and 1" thick at the stairs and at the top.

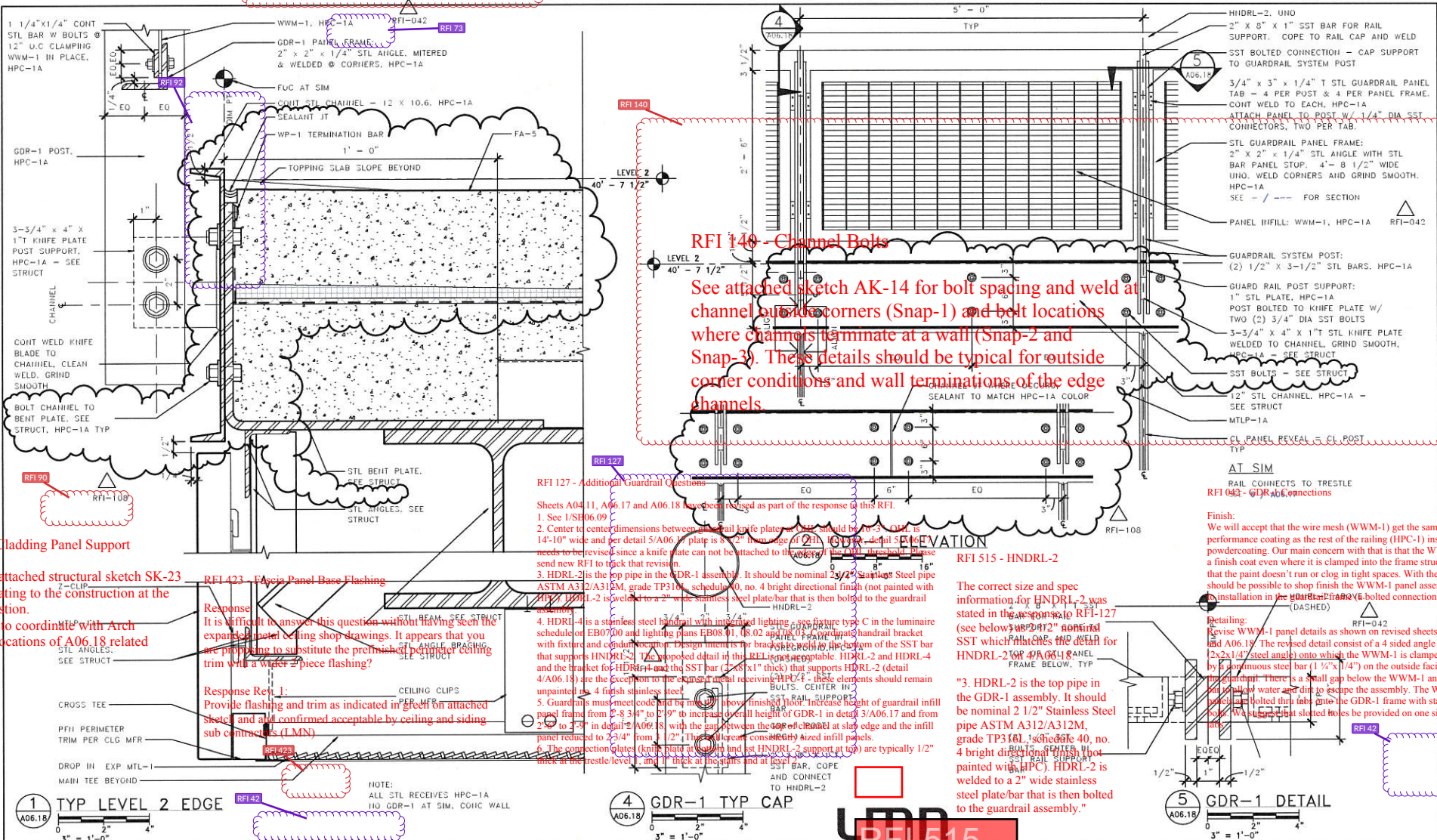
RFI 515 - HDRL-2

The correct size and spec information for HDRL-2 was stated in the response to RFI-127 (see below) as nominal 2 1/2" stainless SST which matches the detail for HDRL-2 on A06.18.

"3. HDRL-2 is the top pipe in the GDR-1 assembly. It should be nominal 2 1/2" Stainless Steel pipe ASTM A312/A312M, grade TP316L, schedule 40, no. 4 bright directional finish (not painted with HPC). HDRL-2 is welded to a 2" wide stainless steel plate/bar that is then bolted to the guardrail assembly."

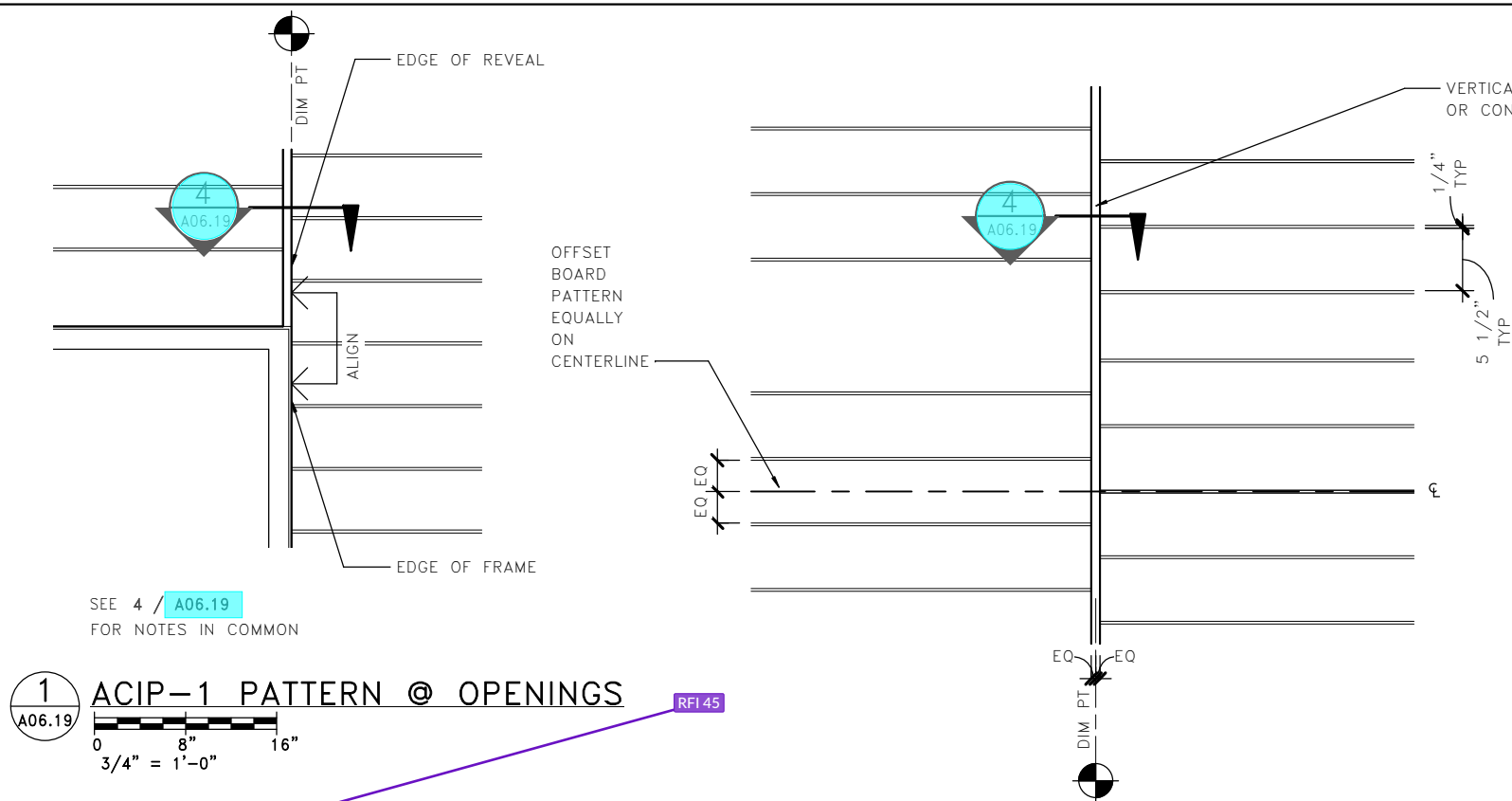
Finish:
We will accept that the wire mesh (WWM-1) get the same high performance coating as the rest of the railing (HPC-1) instead of a powdercoating. Our main concern with that is that the WWM-1 gets a finish coat even where it is clamped into the frame structure and that the paint doesn't run or clog in tight spaces. With the revision it should be possible to shop finish the WWM-1 panel assembly prior to installation in the guardrail frame.

Detailing:
Revise WWM-1 panel details as shown on revised sheets A06.17 and A06.18. The revised detail consist of a 4 sided angle frame (2x2x1/4" steel angle) onto which the WWM-1 is clamped in place by 6 continuous steel bar (1 1/4"x1/4") on the outside facing side of the guardrail. There is a small gap below the WWM-1 and the steel bar to allow water and dirt to escape the assembly. The WWM-1 panel is bolted thru into the GDR-1 frame with stainless steel bolts. Washers that slotted holes be provided on one side of the angle.



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SUBMITTAL DATE: 01/18/2019				FERRY TERMINAL CONSTRUCTION				OF	
DESIGNED BY: H. FITZPATRICK				TERMINAL - EXTERIOR DETAILS - EDGE				SHEETS	
ENTERED BY: G. BISHOP									
CHECKED BY: M. FISHER									
MAR PROJ ENGR: C. TORRES									
DCN ENGR MNGR: N. MCINTOSH									
ASST SECRETARY: A. SCARTON									

FED.AID PROJ.NO.	10	WA
CONTRACT NO.	18W121	
DATE	01/18/19	
BY	DDP***	

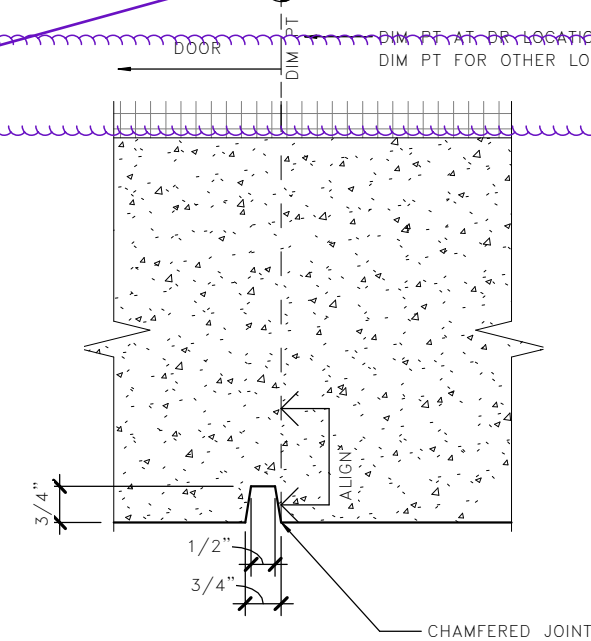


1 ACIP-1 PATTERN @ OPENINGS

A06.19
0 8" 16"
3/4" = 1'-0"

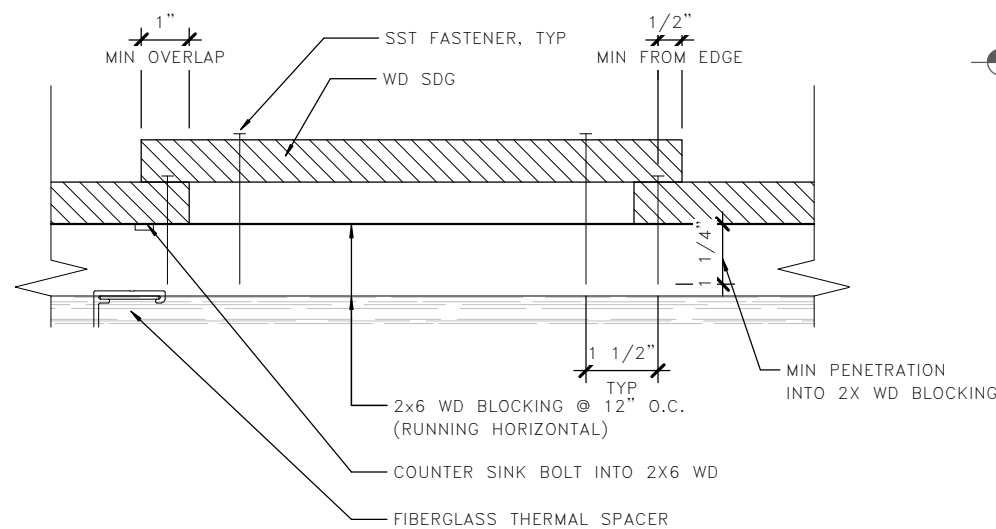
2 ACIP-1 TYP PATTERN ELEVATION

A06.19
0 8" 16"
3/4" = 1'-0"



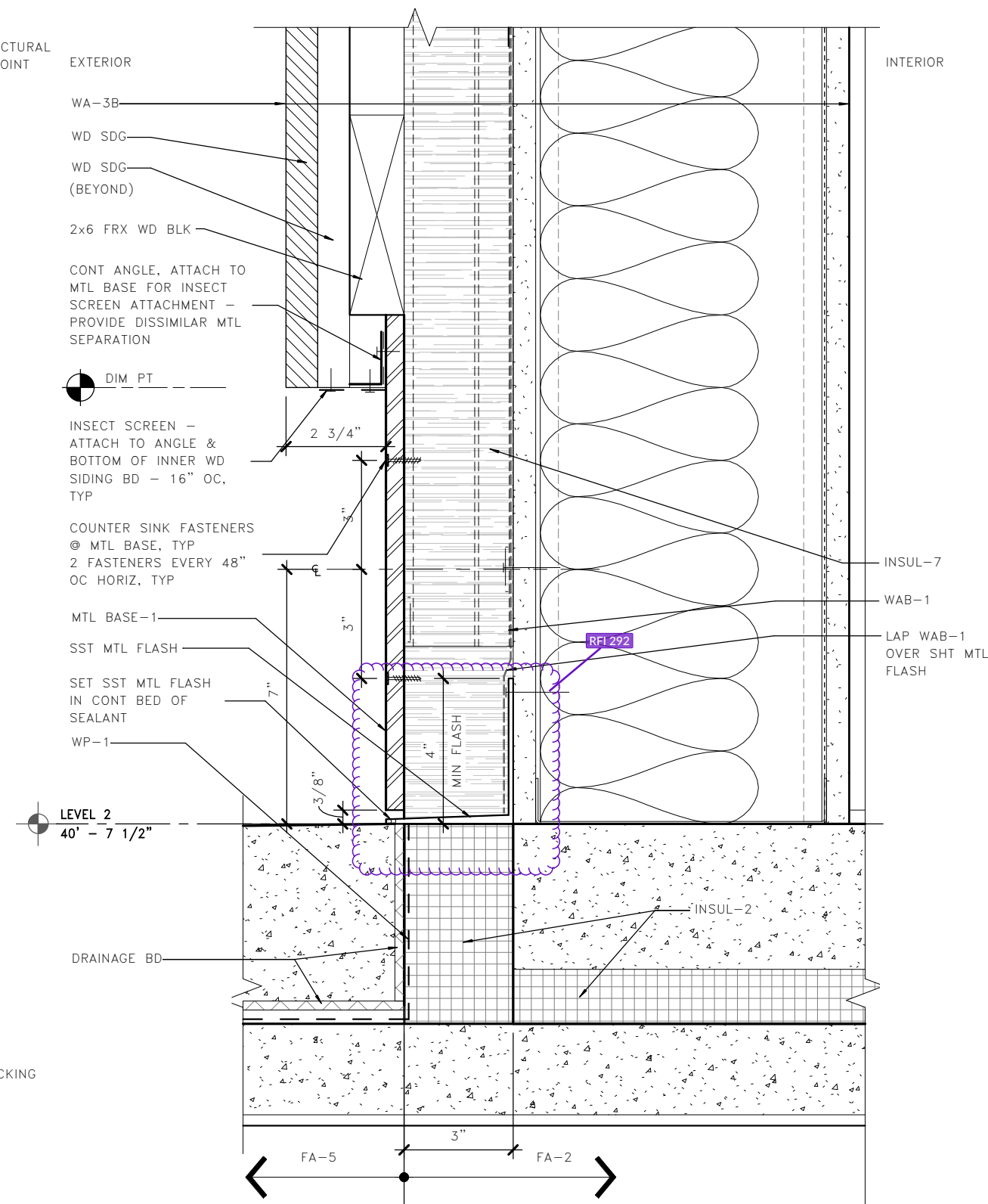
4 ACIP-1 VERTICAL JOINT

A06.19
0 2" 4"
3" = 1'-0"



5 TYP WD SDG FASTENING

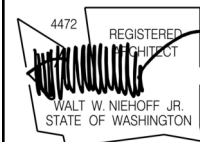
A06.19
0 2" 4"
3" = 1'-0"



6 DETAIL AT CEDAR WD SDG BASE

A06.19
0 2" 4"
3" = 1'-0"

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ASST SECRETARY: A. SCARTON					REVISION	

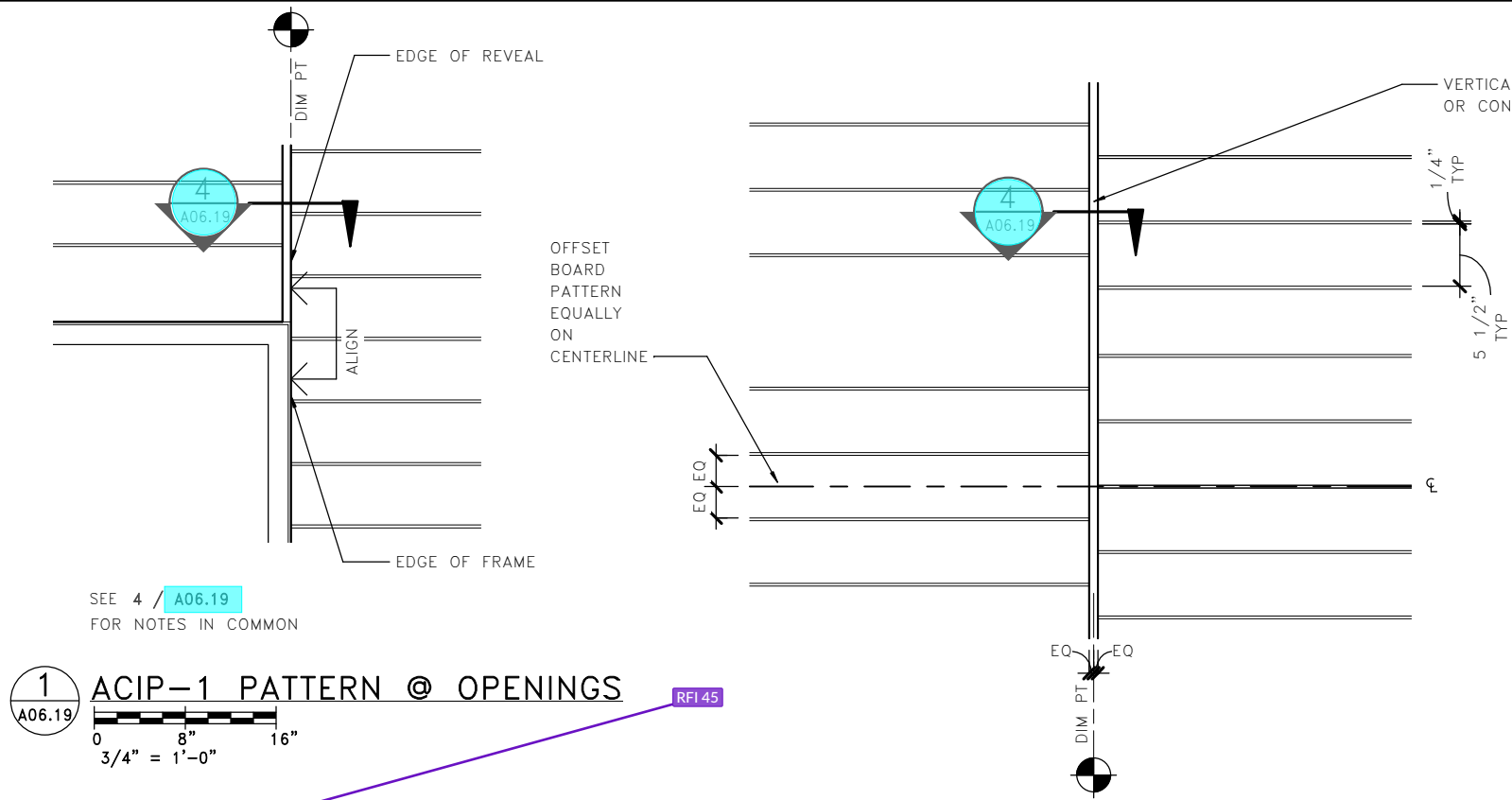


01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EXTERIOR DETAILS - WALL

A06.19
SHEET
986
OF
1521
SHEETS



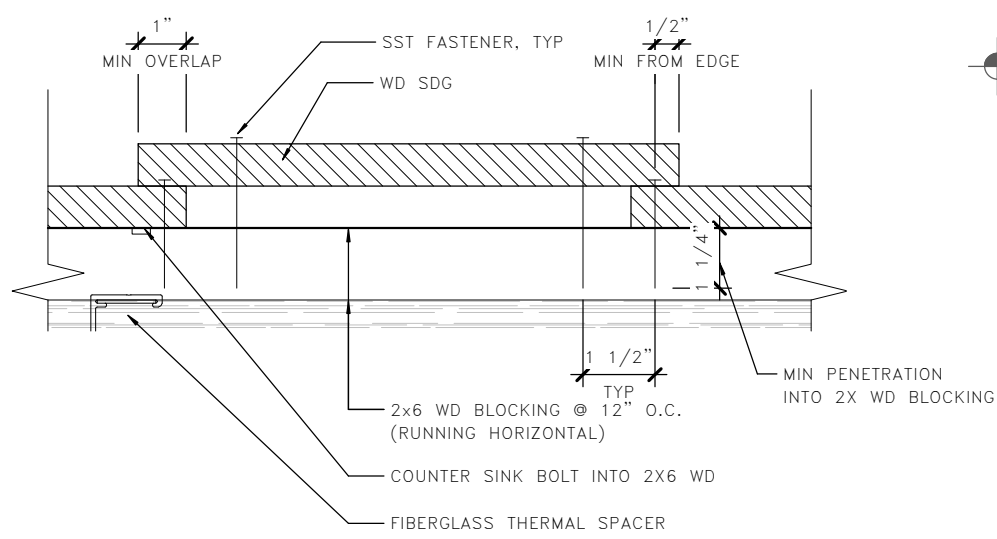
1 ACIP-1 PATTERN @ OPENINGS
SEE 4 / A06.19 FOR NOTES IN COMMON

2 ACIP-1 TYP PATTERN ELEVATION

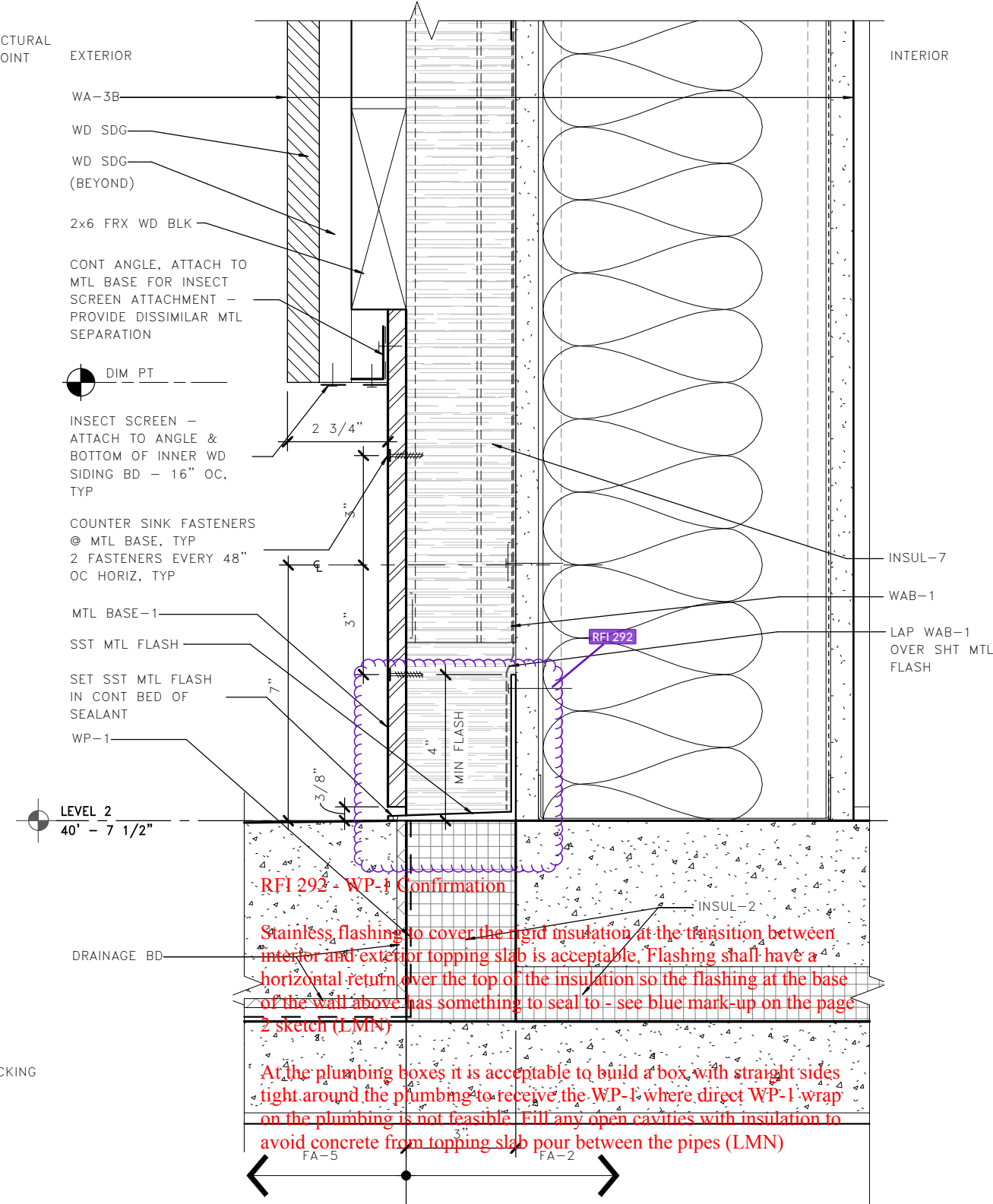
RFI 045 - Exposed Concrete Edges

Response:
Please provide chamfers and drip edges at concrete walls where indicated in the details. Details on A06.20 and A06.21 show chamfers. Please provide a drip edge matching 4/A06.20 at detail 2/A06.21. In addition, exposed outside CIP concrete corners typically should also have a 3/4" chamfer.

Revised Response:
Please provide chamfers and drip edges at concrete walls where indicated in the details. Details on A06.20 and A06.21 show chamfers. Please provide a drip edge matching 4/A06.20 at detail 2/A06.21. In addition, exposed outside CIP concrete corners typically should also have a 3/4" chamfer. This includes outside corners of the Terminal ACIP-1 and elevator shaft ACIP-1. Vertical edges at door and window openings should align with the board form reveal as shown on 1,4/A06.19 and not have the 3/4" chamfer. The head above the door transom and rouver should have the 3/4" chamfer to match the head at windows. The sills at the lower end should have the 3/4" chamfer. (LMN)



5 TYP WD SDG FASTENING



RFI 292 - WP-1 Confirmation
Stainless flashing to cover the rigid insulation at the transition between interior and exterior topping slab is acceptable. Flashing shall have a horizontal return over the top of the insulation so the flashing at the base of the wall above has something to seal to - see blue mark-up on the page 2 sketch (LMN)
At the plumbing boxes it is acceptable to build a box with straight sides tight around the plumbing to receive the WP-1 where direct WP-1 wrap on the plumbing is not feasible. Fill any open cavities with insulation to avoid concrete from topping slab pour between the pipes (LMN)

6 DETAIL AT CEDAR WD SDG BASE



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DESIGNED BY: H. FITZPATRICK	01/18/2019			REGION NO. 10 STATE WA
ENTERED BY: G. BISHOP	01/18/2019			JOB NUMBER 18W121
CHECKED BY: M. FISHER	01/18/2019			CONTRACT NO. 00****
MAR PROJ ENGR: C. TORRES				
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19	
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EXTERIOR DETAILS - WALL

A06.19
SHEET 986 OF 1521 SHEETS

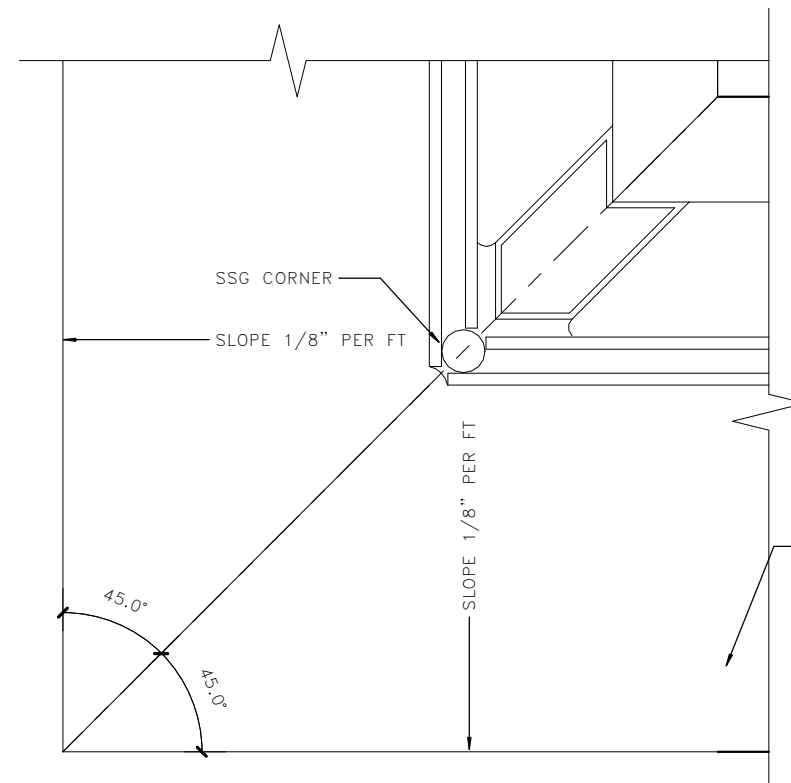
RFI 045 - Exposed Concrete Edges

Response:

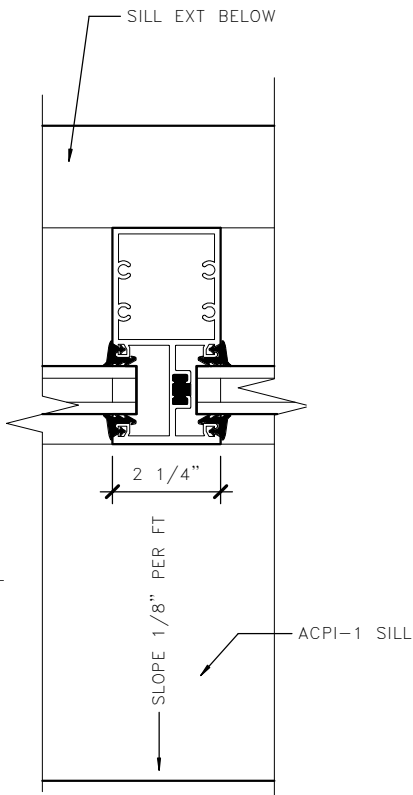
Please provide chamfers and drip edges at concrete walls where indicated in the details. Details on A06.20 and A06.21 show chamfers. Please provide a drip edge matching 4/A06.20 at detail 2/A06.21. In addition, exposed outside CIP concrete corners typically should also have a 3/4" chamfer.

Revised Response:

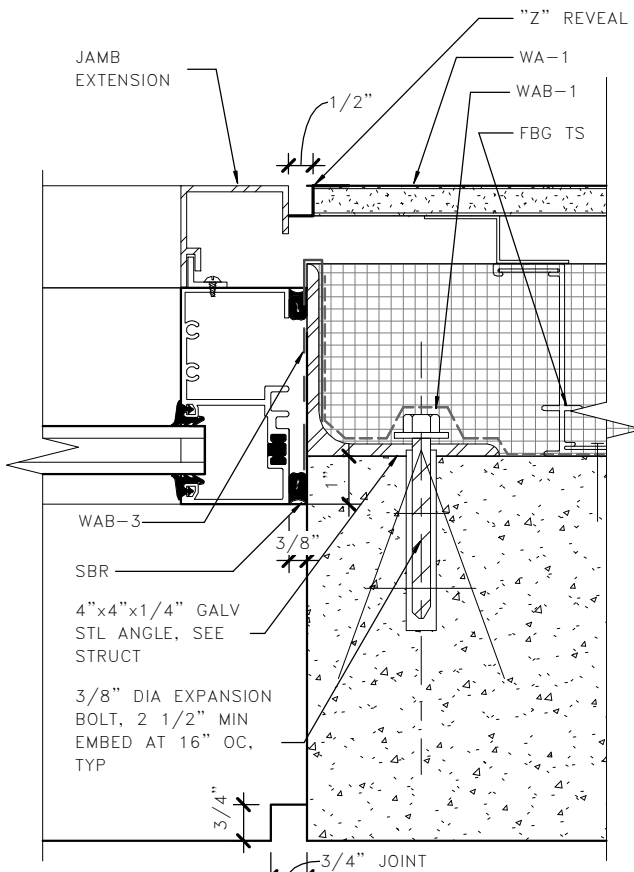
Please provide chamfers and drip edges at concrete walls where indicated in the details. Details on A06.20 and A06.21 show chamfers. Please provide a drip edge matching 4/A06.20 at detail 2/A06.21. In addition, exposed outside CIP concrete corners typically should also have a 3/4" chamfer. This includes outside corners of the Terminal ACIP-1 and elevator shaft ACIP-1. Vertical edges at door and window openings should align with the board form reveal as shown on 1,4/A06.19 and not have the 3/4" chamfer. The head above the door transom and louvers should have the 3/4" chamfer to match the head at windows. The sills at the louver curb should have the 3/4" chamfer. (LMN)



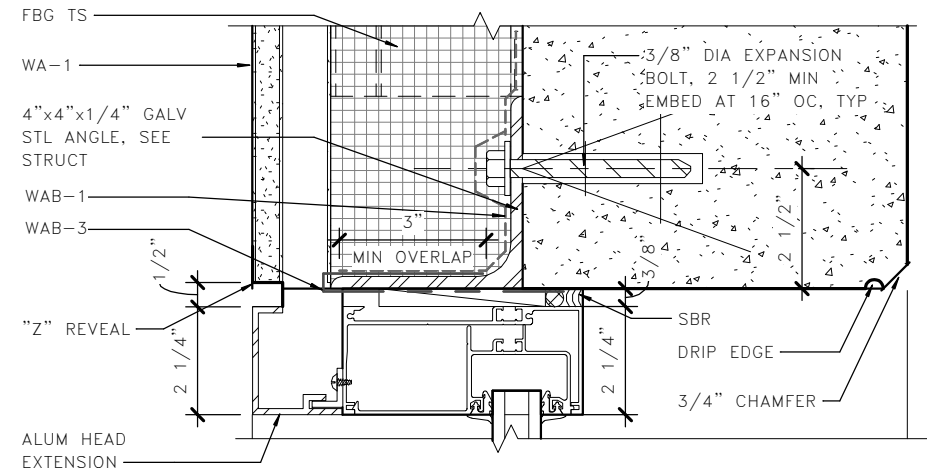
9 SFWS-1 PLAN DETAIL @ CORNER
A06.20



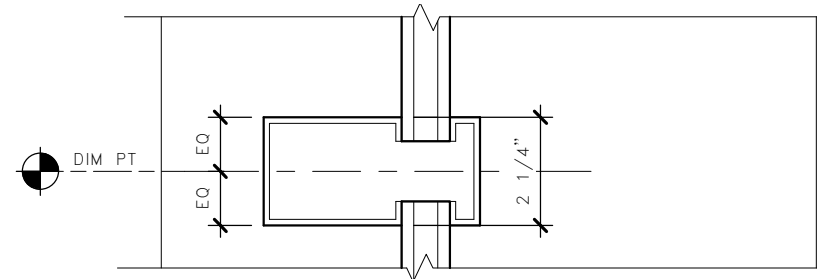
10 SFWS-1 INTM MULLION
A06.20



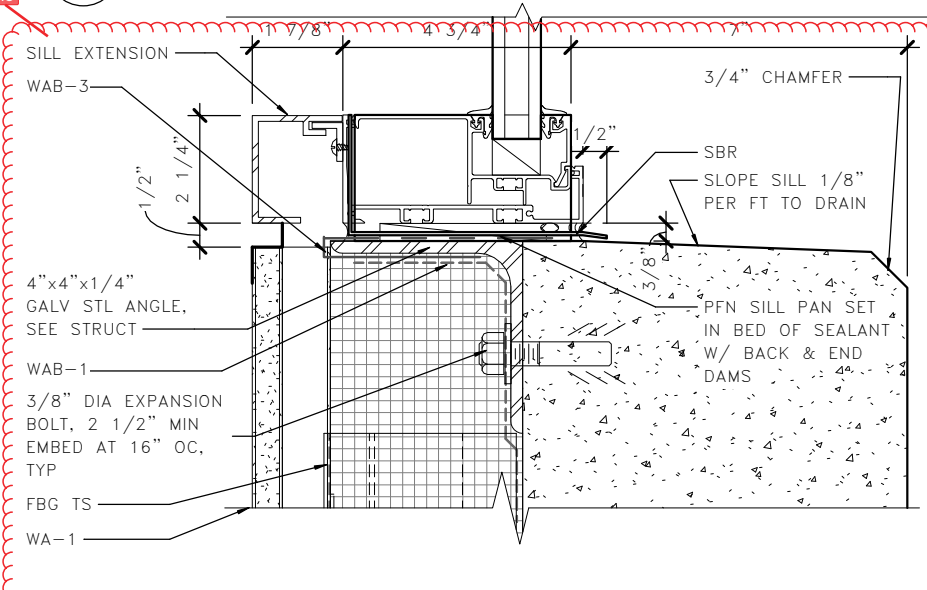
11 SFWS-1 PLAN DETAIL @ JAMB
A06.20



4 SFWS SECTION DETAIL @ HEAD
A06.20



8 SFWS SECTION DETAIL @ MULLION
A06.20



12 SFWS-1 SECTION DETAIL @ SILL
A06.20



LMN

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MAR PROJ ENGR: C. TORRES			
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19
ASST SECRETARY: A. SCARTON		REVISION	DATE BY

FED.AID PROJ.NO.	
WA-2017-007-00	
REGION NO. 10	STATE WA
JOB NUMBER 18W121	
CONTRACT NO. 00****	



01/18/19



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EXTERIOR DETAILS - WDW

A06.20
SHEET
987
OF
1521
SHEETS

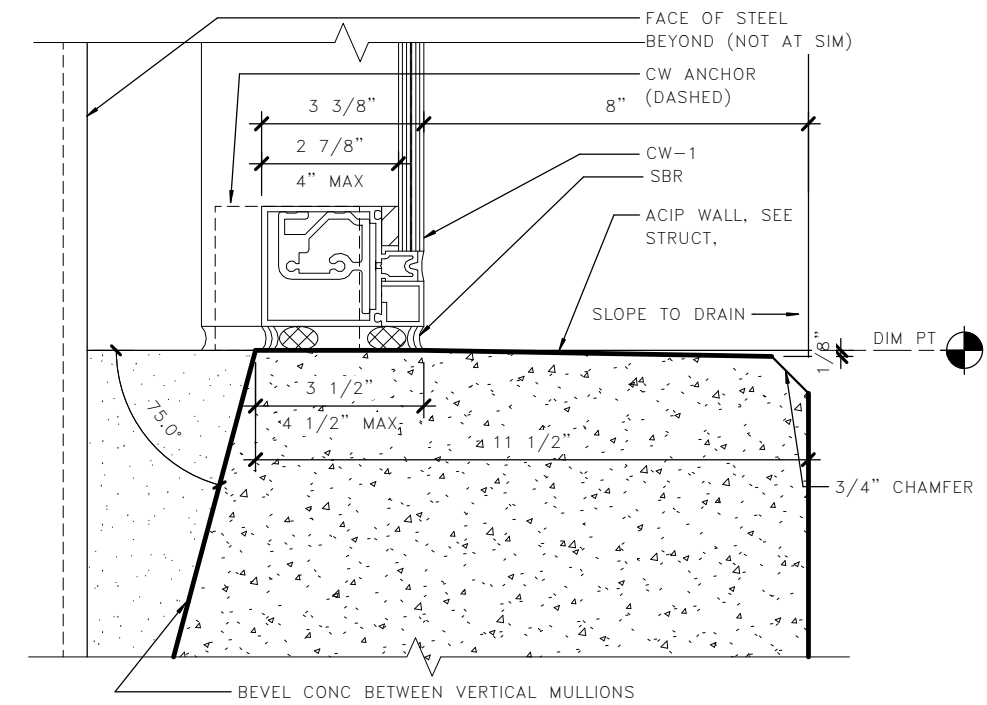
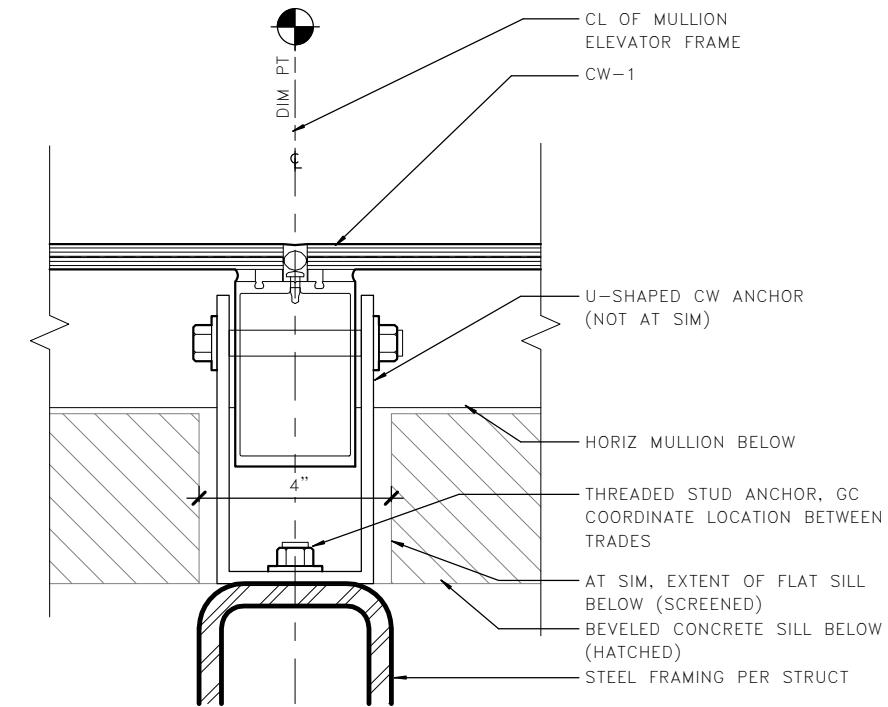
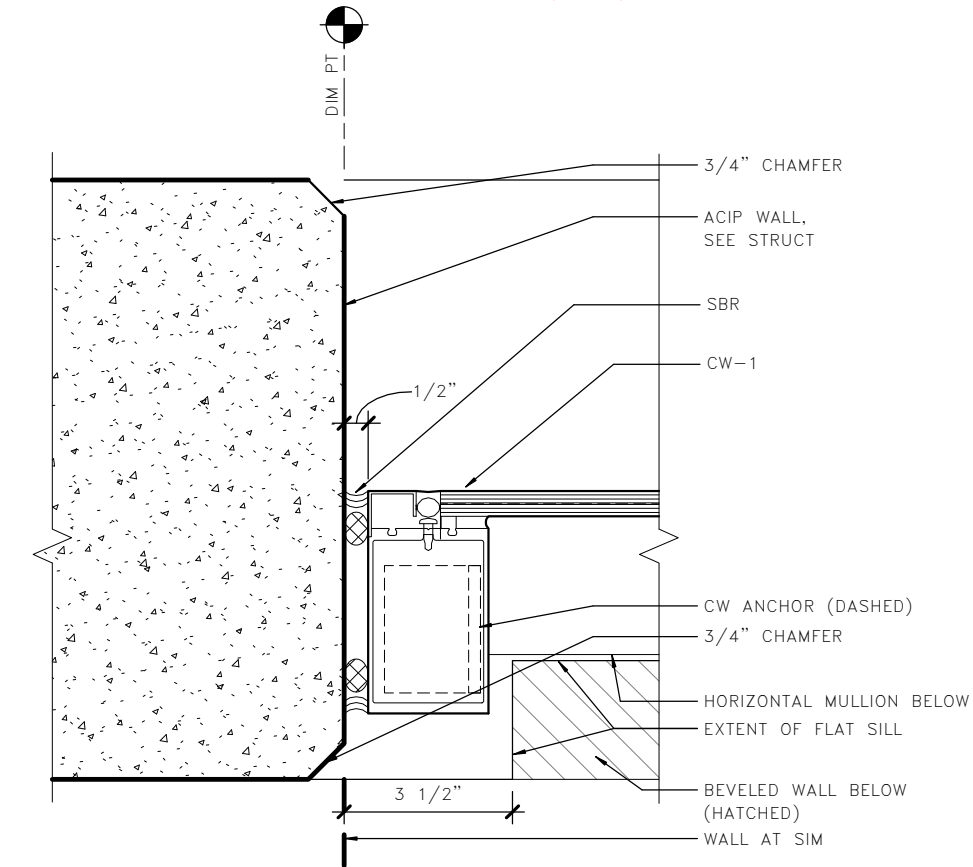
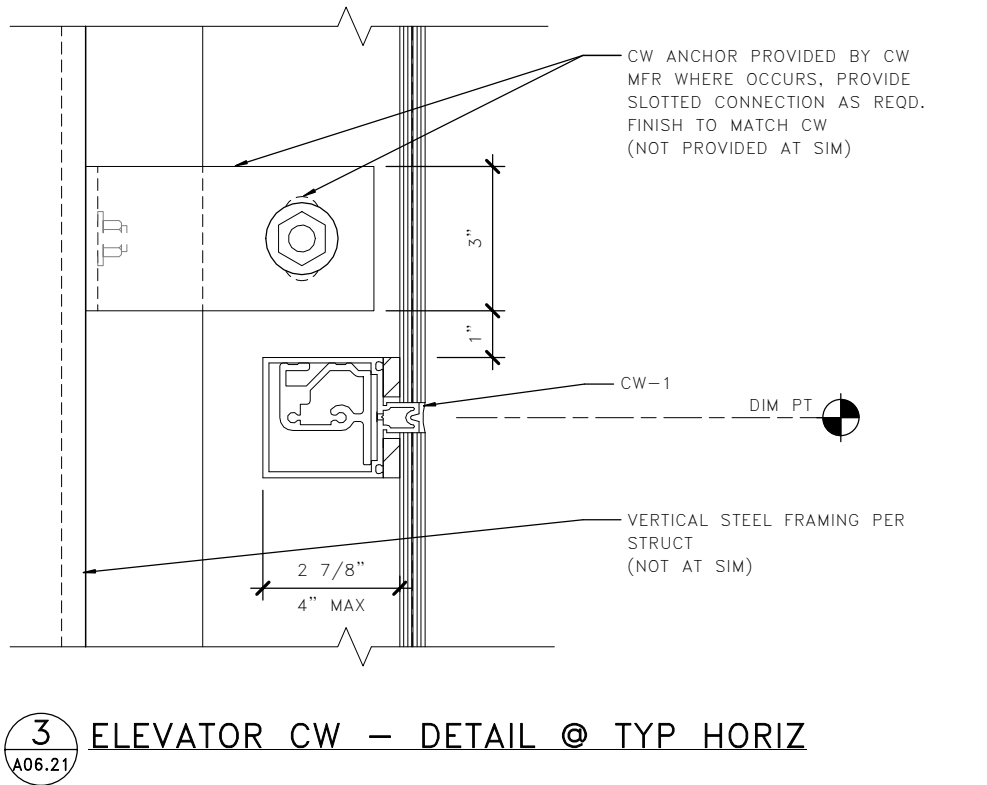
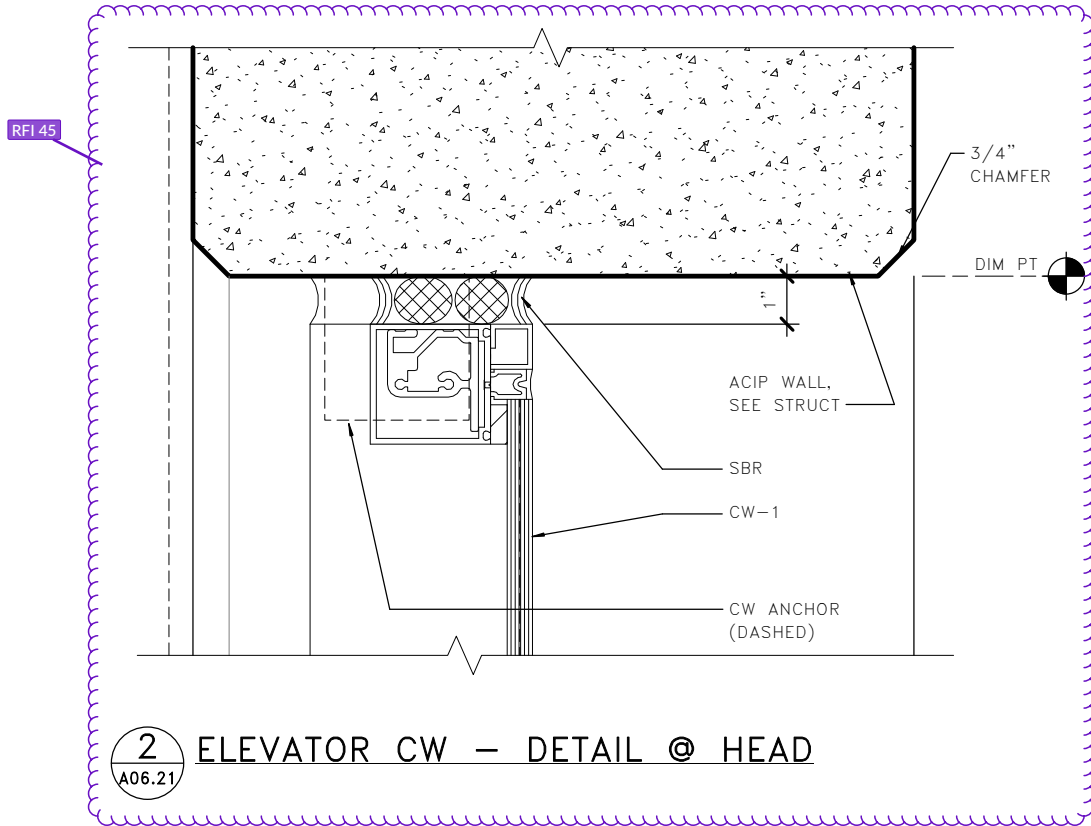
RFI 045 - Exposed Concrete Edges

Response:

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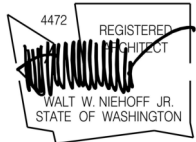
Revised Response:

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LMN

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ENTERED BY: G. BISHOP	01/18/2019			10 WA
CHECKED BY: M. FISHER	01/18/2019			JOB NUMBER
MAR PROJ ENGR: C. TORRES				18W121
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19	CONTRACT NO.
ASST SECRETARY: A. SCARTON		REVISION	DATE	00****

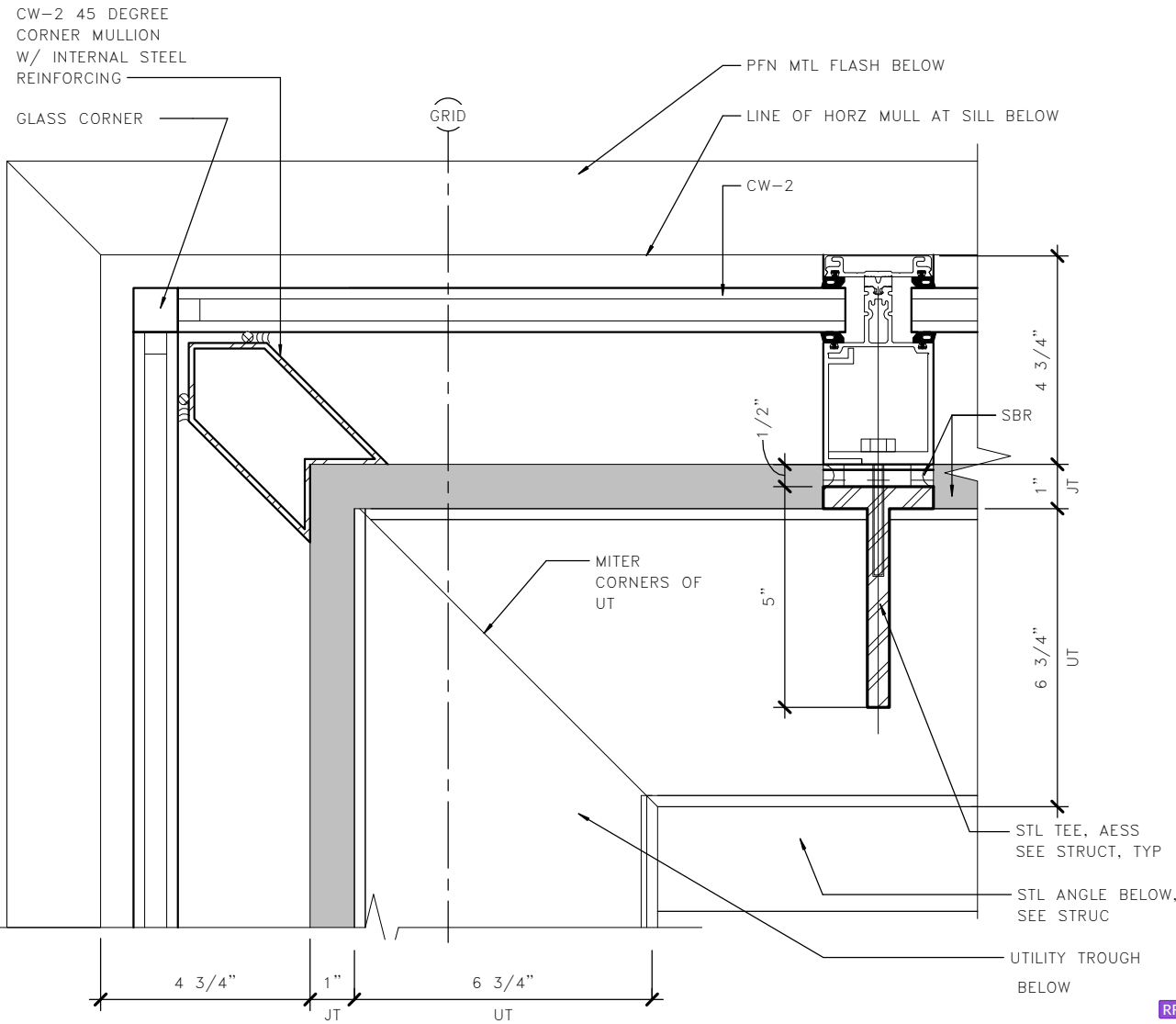


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EXTERIOR DETAILS - CW-1

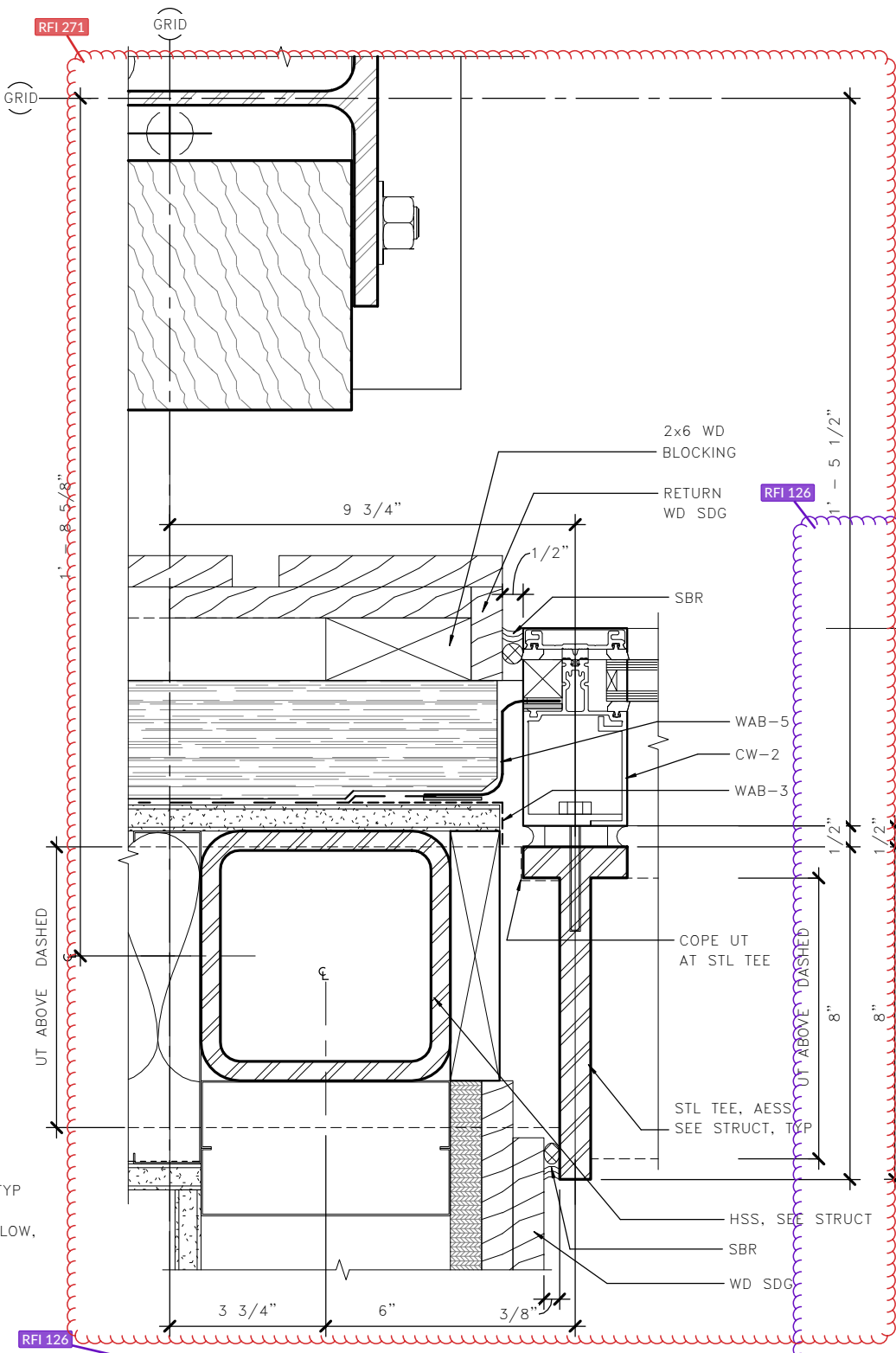
A06.21
SHEET
988
OF
1521
SHEETS

RFI 271 - T-Mullion to Column Conflict

Please see attached sketches SK-40A & SK-40B for info relating to the necessary construction at the area in question



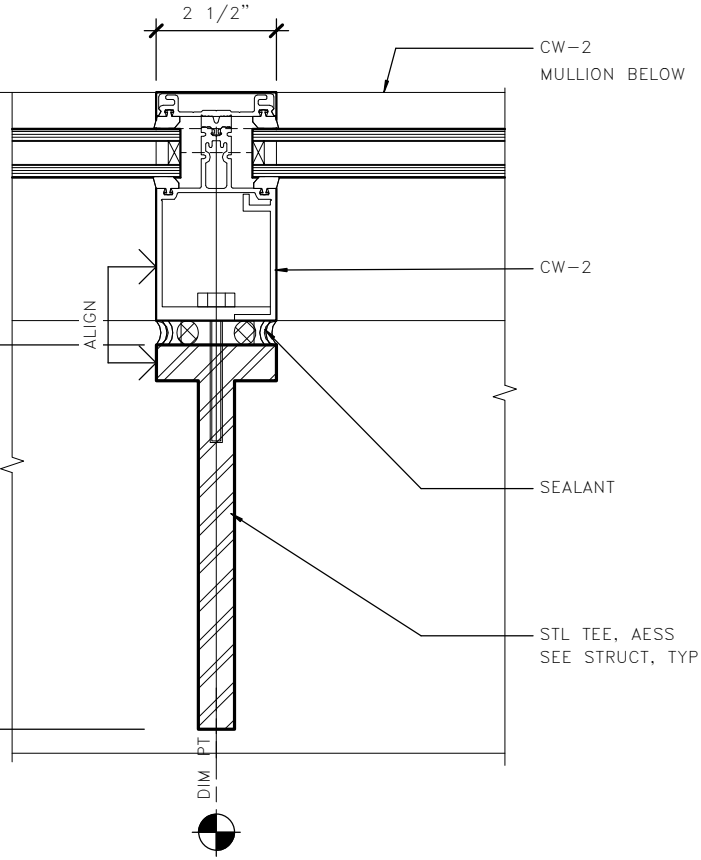
4 CW-2 PLAN DETAIL @ HIGH CORNER
A06.22



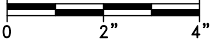
1 CW-2-VERT MULLION-JAMB
A06.22

RFI 126 - Curtain Wall System

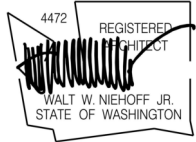
A 6" deep system for CW-2 is not acceptable as it would require re-design of major portions of the building, including the steel already in production. Our basis of design is Oldcastle Reliance System with a 4 3/4" deep system. It is my understanding that Wausau also provides a 4 3/4" deep system (Superwall). It is our assumption that Kawneer should be able to match that as well. The 8" deep steel T-mullions were designed to take the windload from the curtainwall system. We noted that the attached preliminary details does not show the connection between CW mullion and the steel T-Mullion which would be a drilled and tapped stud or a welded threaded rod. (LMN)



2 CW-2 TYP VERT MULLION
A06.22

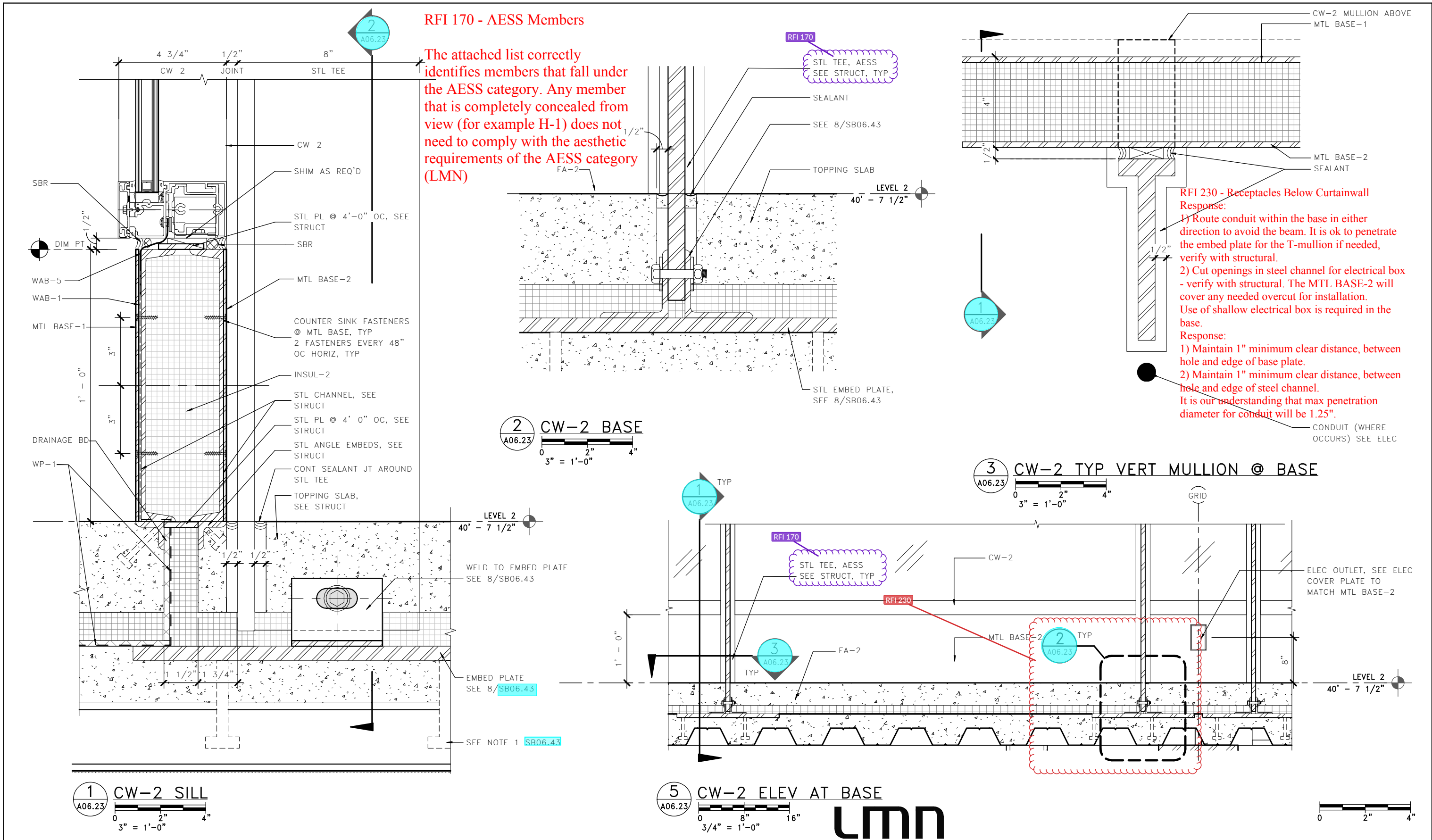


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ENTERED BY: G. BISHOP	01/18/2019			CONTRACT NO. 00****	
CHECKED BY: M. FISHER	01/18/2019				
MAR PROJ ENGR: C. TORRES					
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19		
ASST SECRETARY: A. SCARTON		REVISION	DATE BY		

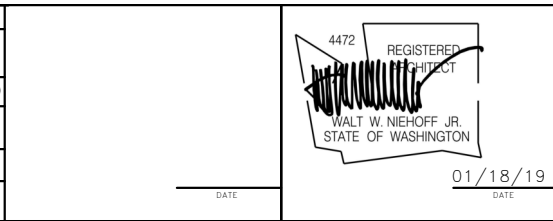


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EXTERIOR DETAILS - CW-2

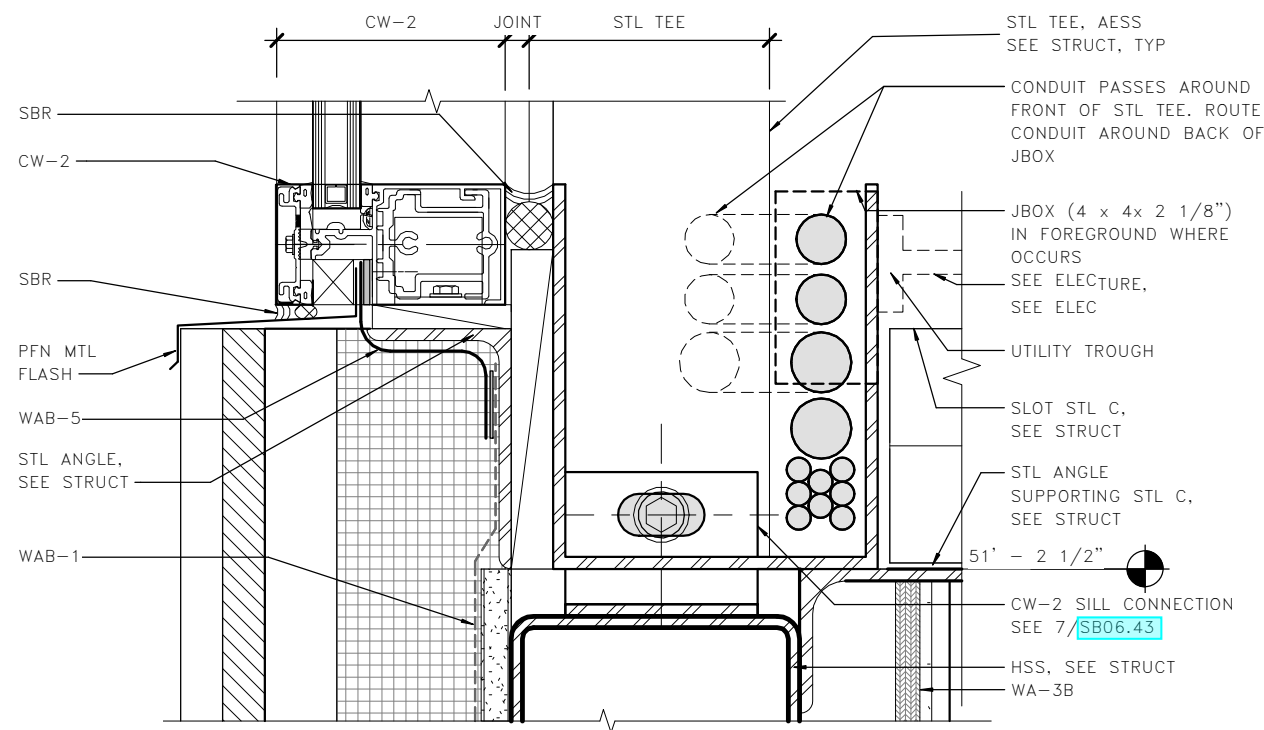
A06.22
SHEET
989
OF
1521
SHEETS



FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt					FED.AID PROJ.NO.	
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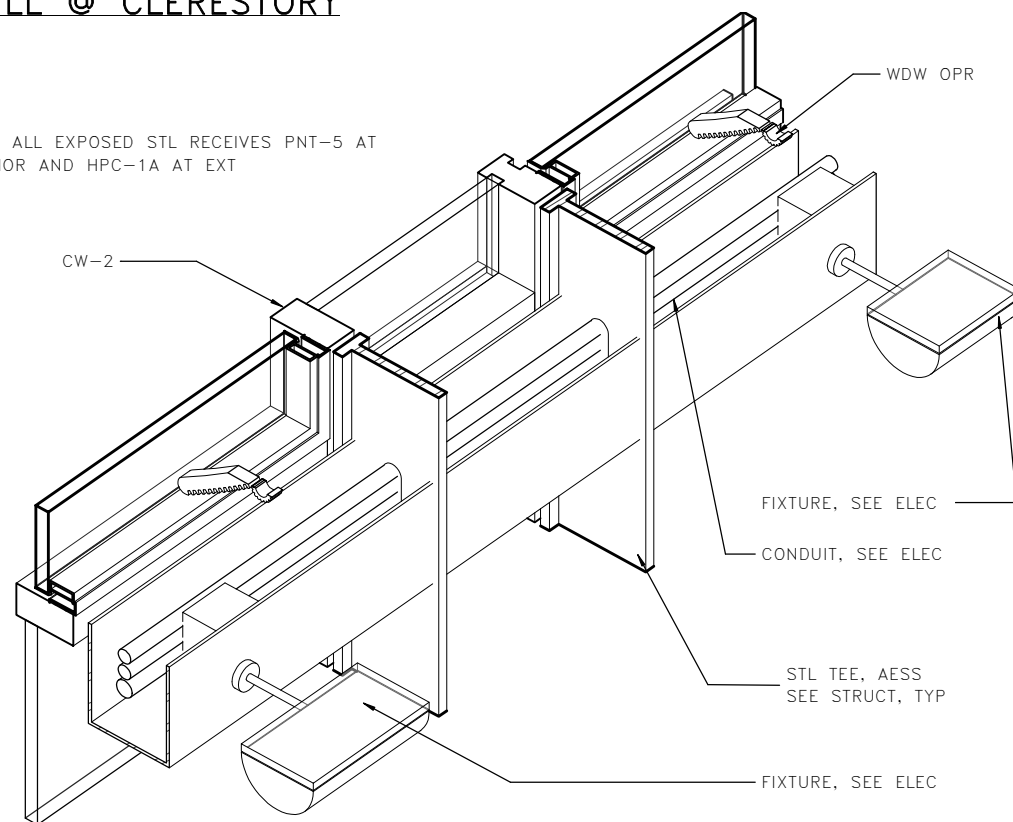


SR 525 MUKILTEO FERRY TERMINAL (PHASE 2) FERRY TERMINAL CONSTRUCTION	A06.23
	SHEET 990 OF 1521 SHEETS
TERMINAL – EXTERIOR DETAILS – CW-2	

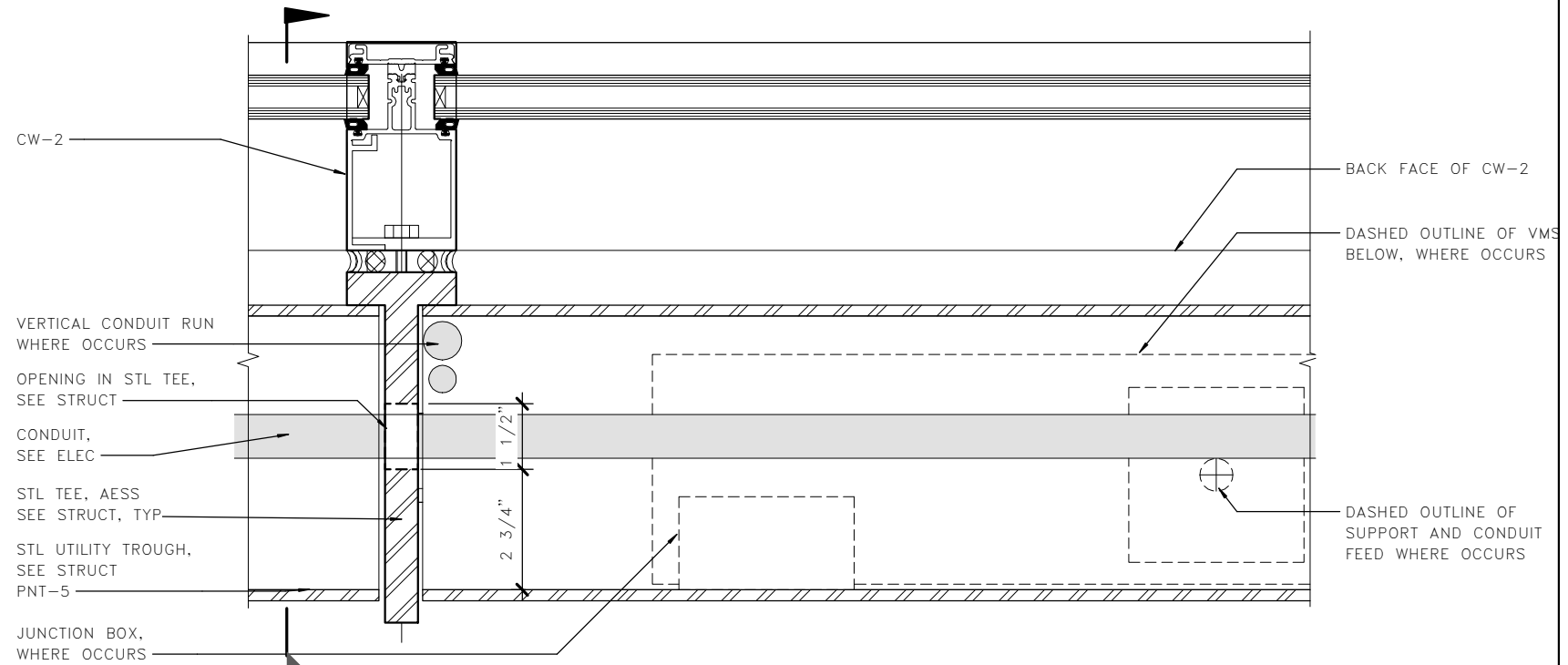


1 CW-2 SILL @ CLERESTORY
A06.24

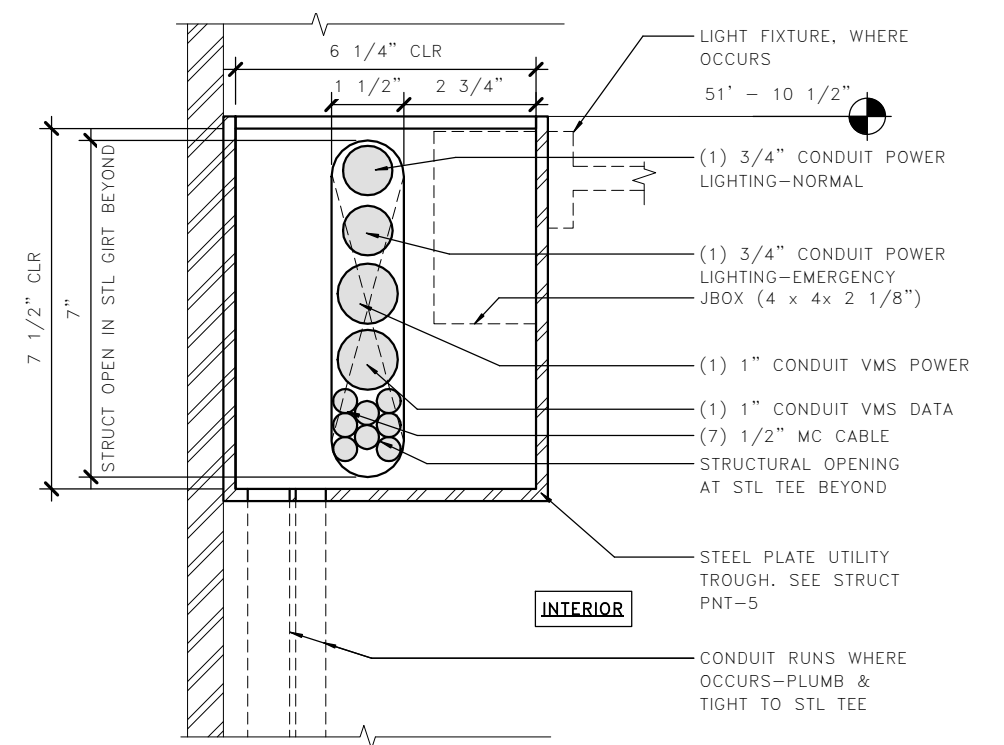
NOTE: ALL EXPOSED STL RECEIVES PNT-5 AT INTERIOR AND HPC-1A AT EXT



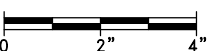
4 CW-2 UTILITY TROUGH DIAGRAM
A06.24



2 CW-2 UTILITY TROUGH PLAN DETAIL
A06.24

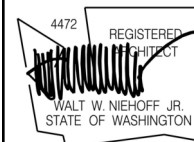


6 CW-2 UTILITY TROUGH SECTION
A06.24



LMN

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DESIGNED BY: H. FITZPATRICK	01/18/2019				JOB NUMBER 18W121	
ENTERED BY: G. BISHOP	01/18/2019				CONTRACT NO. 00****	
CHECKED BY: M. FISHER	01/18/2019					
MAR PROJ ENGR: C. TORRES		CONFORMED PLANS	01/18/19			
DGN ENGR MNGR: N. MCINTOSH		REVISION	DATE	BY		
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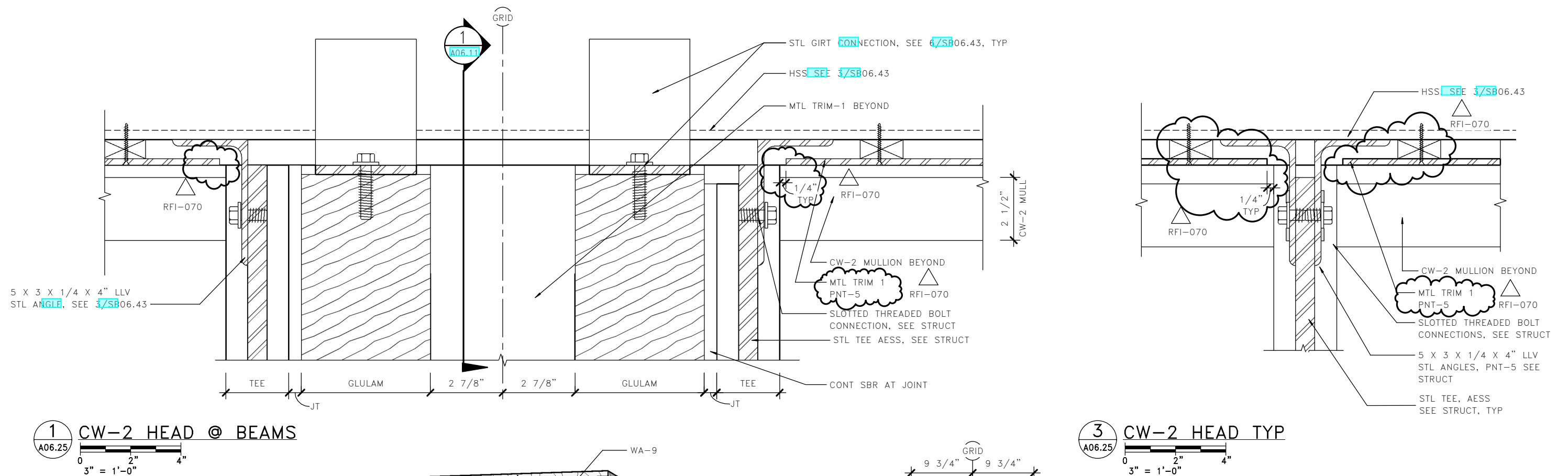


01/18/19
DATE



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EXTERIOR DETAILS - CW-2

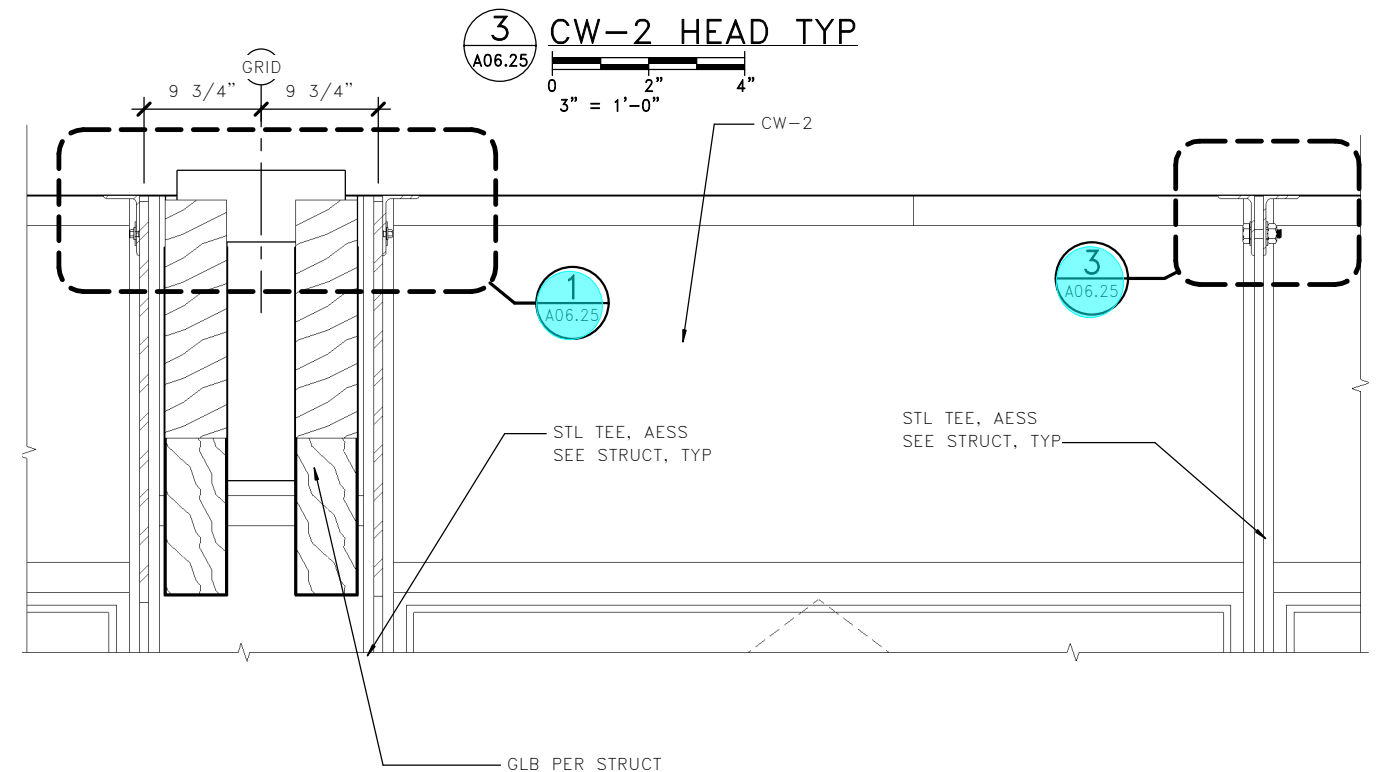
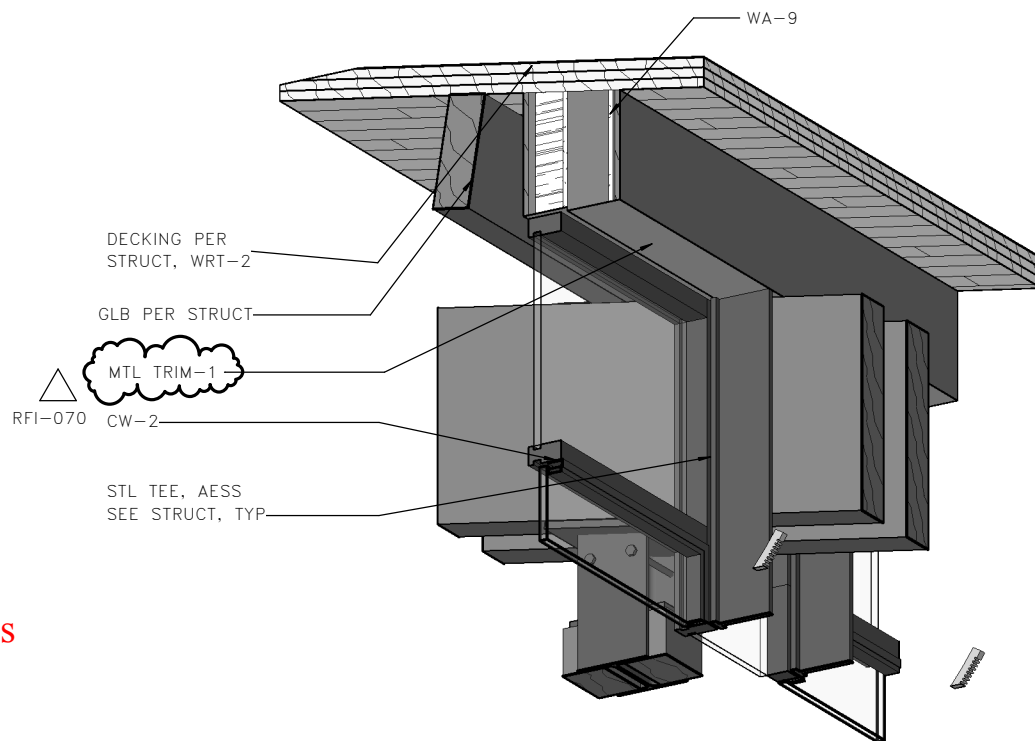
A06.24
SHEET
991
OF
1521
SHEETS



RFI 070 - HSS Elevation

The TOS elevations for the HSS 6x8x3/8 above the terminal bldg curtainwall is acceptable as suggested by ST Fab - 58'-0" along the south elevation and 62'-9 3/16" along the north elevation. See attached sheets A06.25, A06.26, A06.35 and structural sketches SK-12, 13 and 14 for revised details at these locations. (LMN)

See attached sketches SK-12 -- SK-14 for revised detailing at the north & side sides of the building.



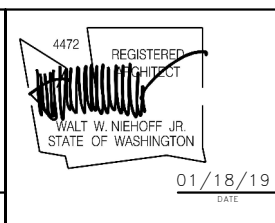
5 CW-2 HEAD ORTHO DIAGRAM

6 CW-2 ELEV AT HEAD

LMN

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DESIGNED BY:	H. FITZPATRICK	01/18/2019			
ENTERED BY:	G. BISHOP	01/18/2019			
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MAR PROJ ENGR:	C. TORRES				
DGN ENGR MNGR:	N. MCINTOSH				
ASST SECRETARY:	A. SCARTON				
		REVISION	DATE	BY	

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REGION NO.	10
STATE	WA
JOB NUMBER	18W121
CONTRACT NO.	00****

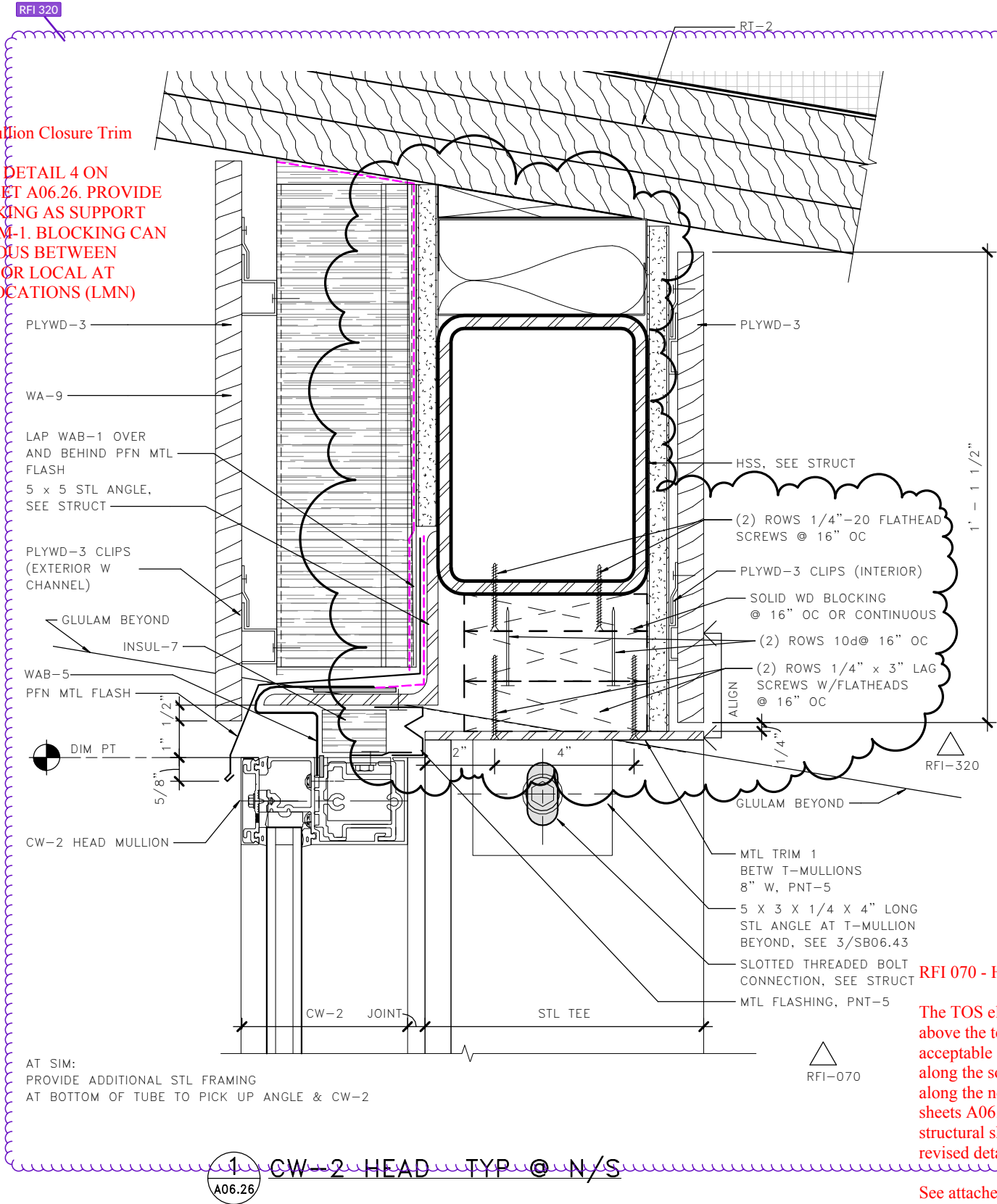


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EXTERIOR DETAILS - CW-2

A06.25
SHEET
OF
SHEETS

RFI 320 - T-Mullion Closure Trim

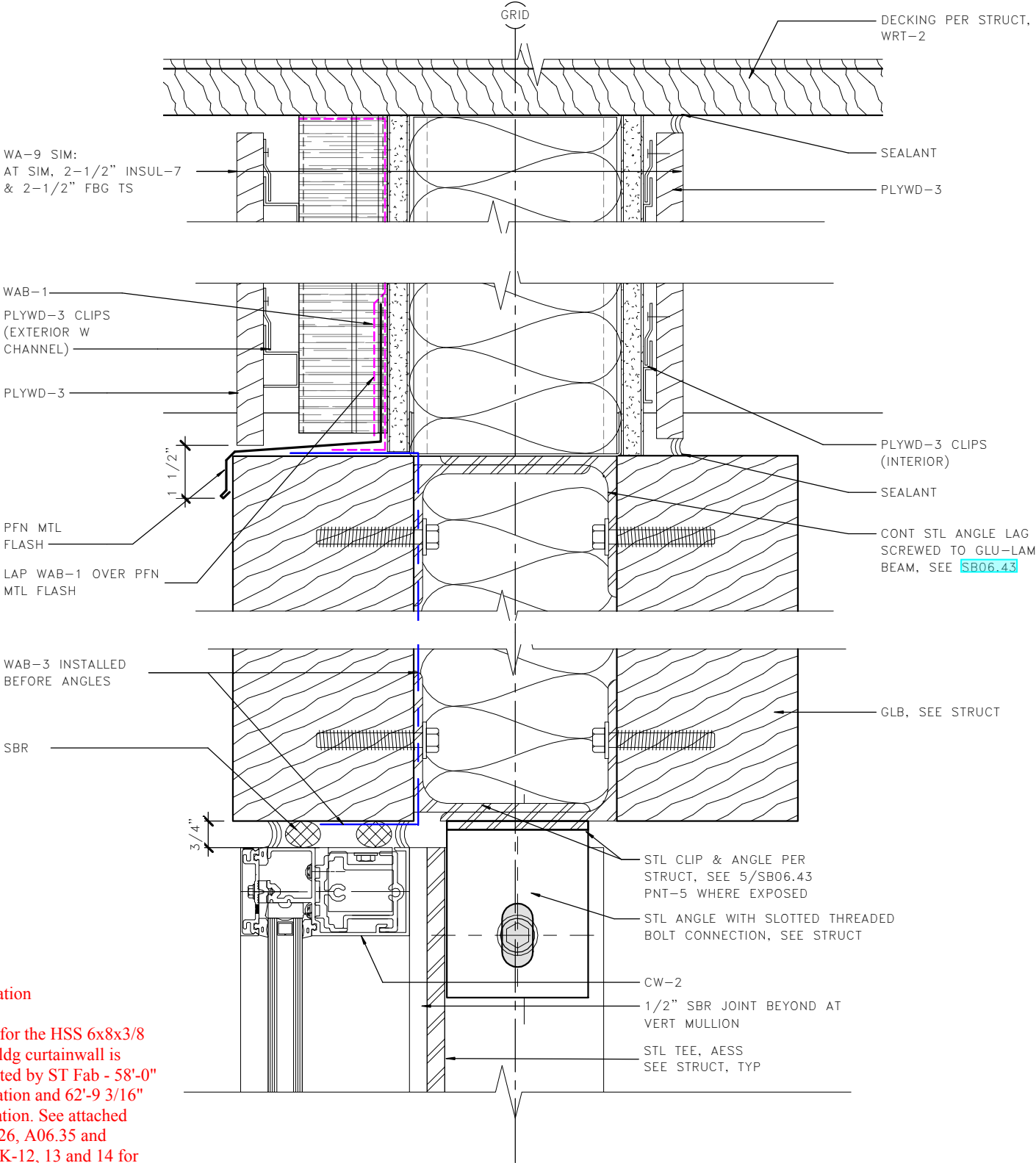
SEE REVISED DETAIL 4 ON
REVISED SHEET A06.26. PROVIDE
WOOD BLOCKING AS SUPPORT
FOR MTL TRIM-1. BLOCKING CAN
BE CONTINUOUS BETWEEN
T-MULLIONS OR LOCAL AT
FASTENER LOCATIONS (LMN)



RFI 070 - HSS Elevation

The TOS elevations for the HSS 6x8x3/8 above the terminal bldg curtainwall is acceptable as suggested by ST Fab - 58'-0" along the south elevation and 62'-9 3/16" along the north elevation. See attached sheets A06.25, A06.26, A06.35 and structural sketches SK-12, 13 and 14 for revised details at these locations. (LMN)

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LMN



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PRINTED: 10/16/2019 12:03:23 PM

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MAR PROJ ENGR: C. TORRES

DGN ENGR MNGR: N. MCINTOSH

ASST SECRETARY: A. SCARTON

CONFORMED PLANS

REVISION

DATE

BY

FED.AID PROJ.NO.

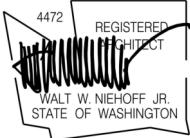
WA-2017-007-00

REGION NO. 10

STATE WA

JOB NUMBER 18W121

CONTRACT NO. 00****



01/18/19



Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

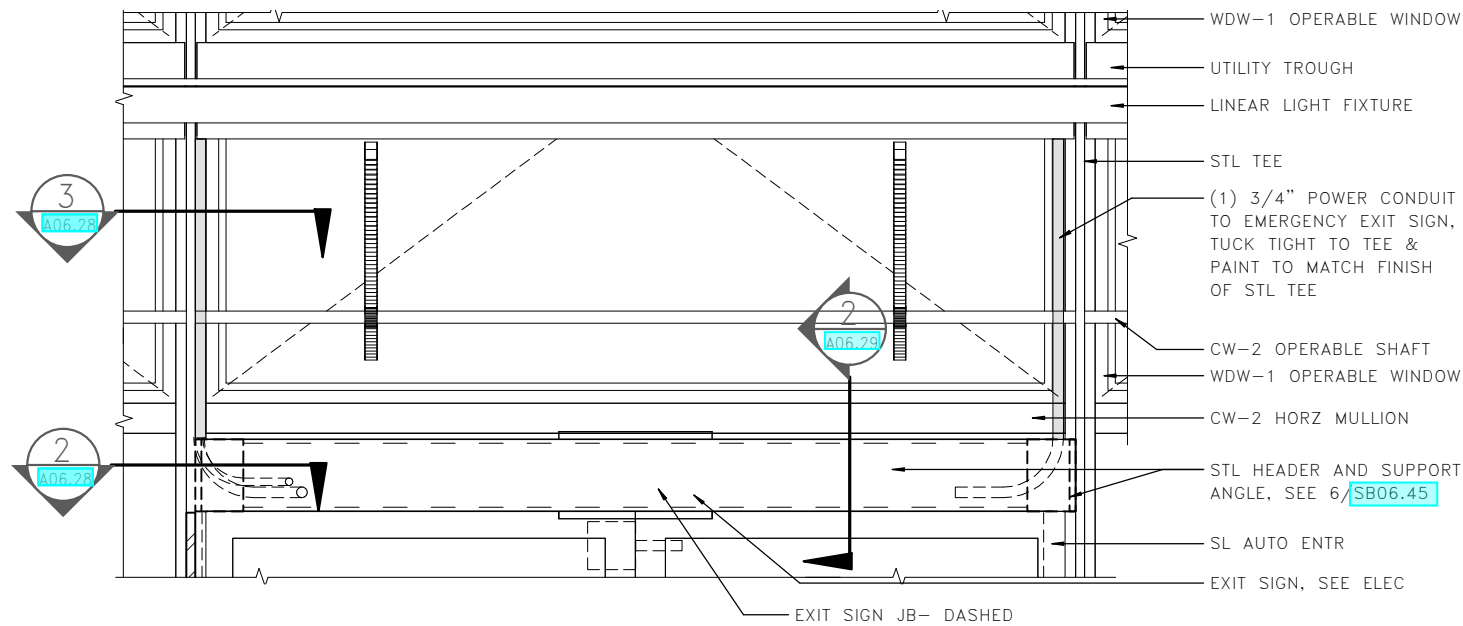
TERMINAL - EXTERIOR DETAILS - CW-2

A06.26

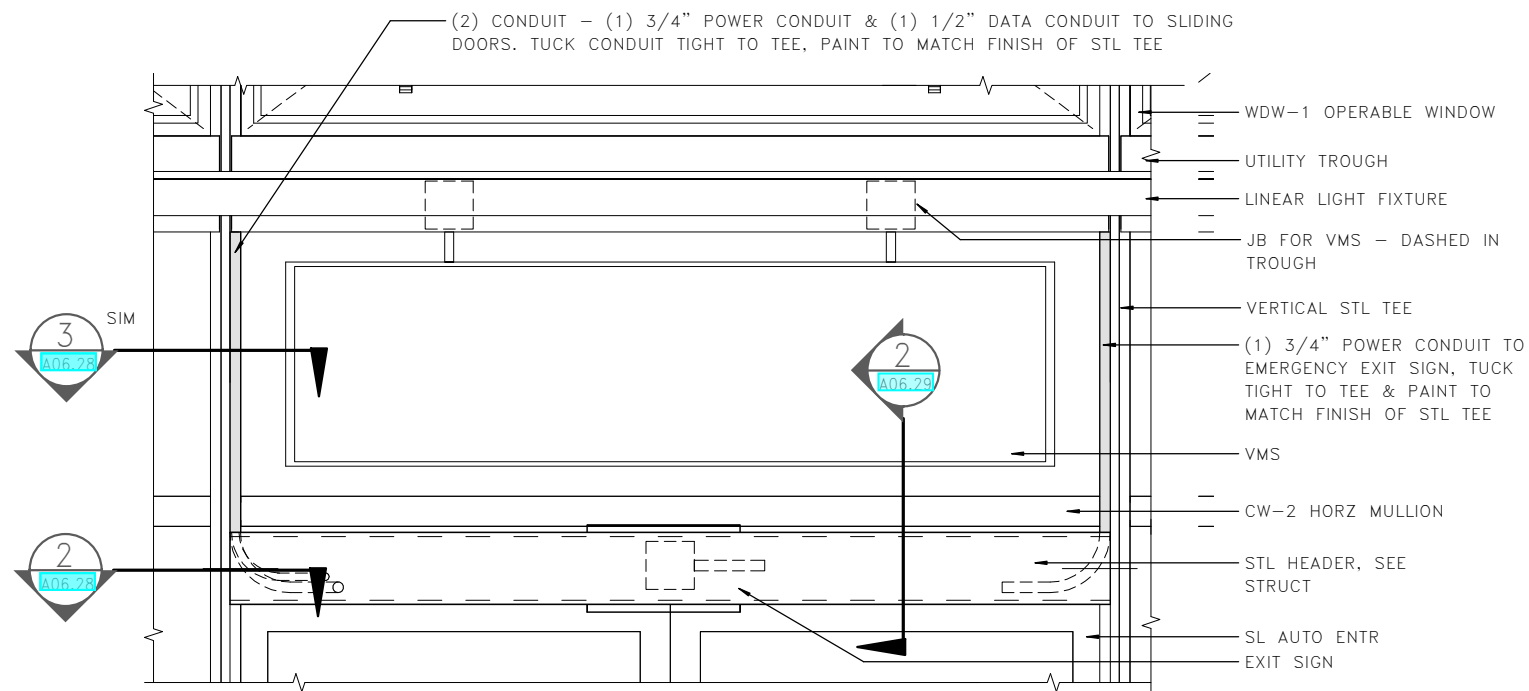
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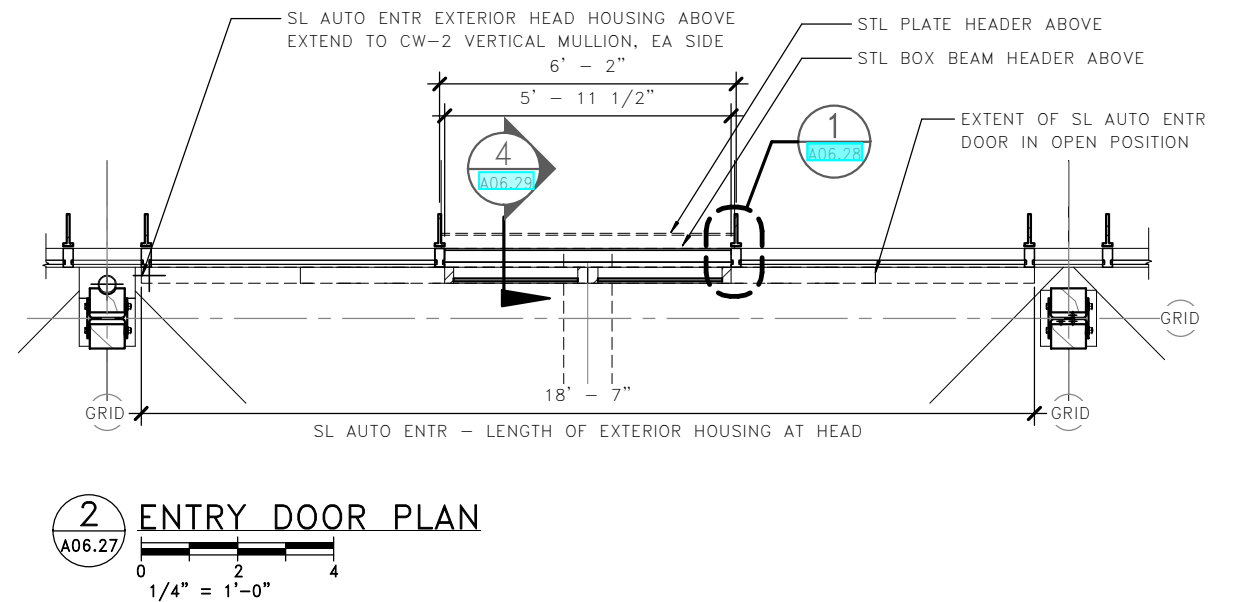
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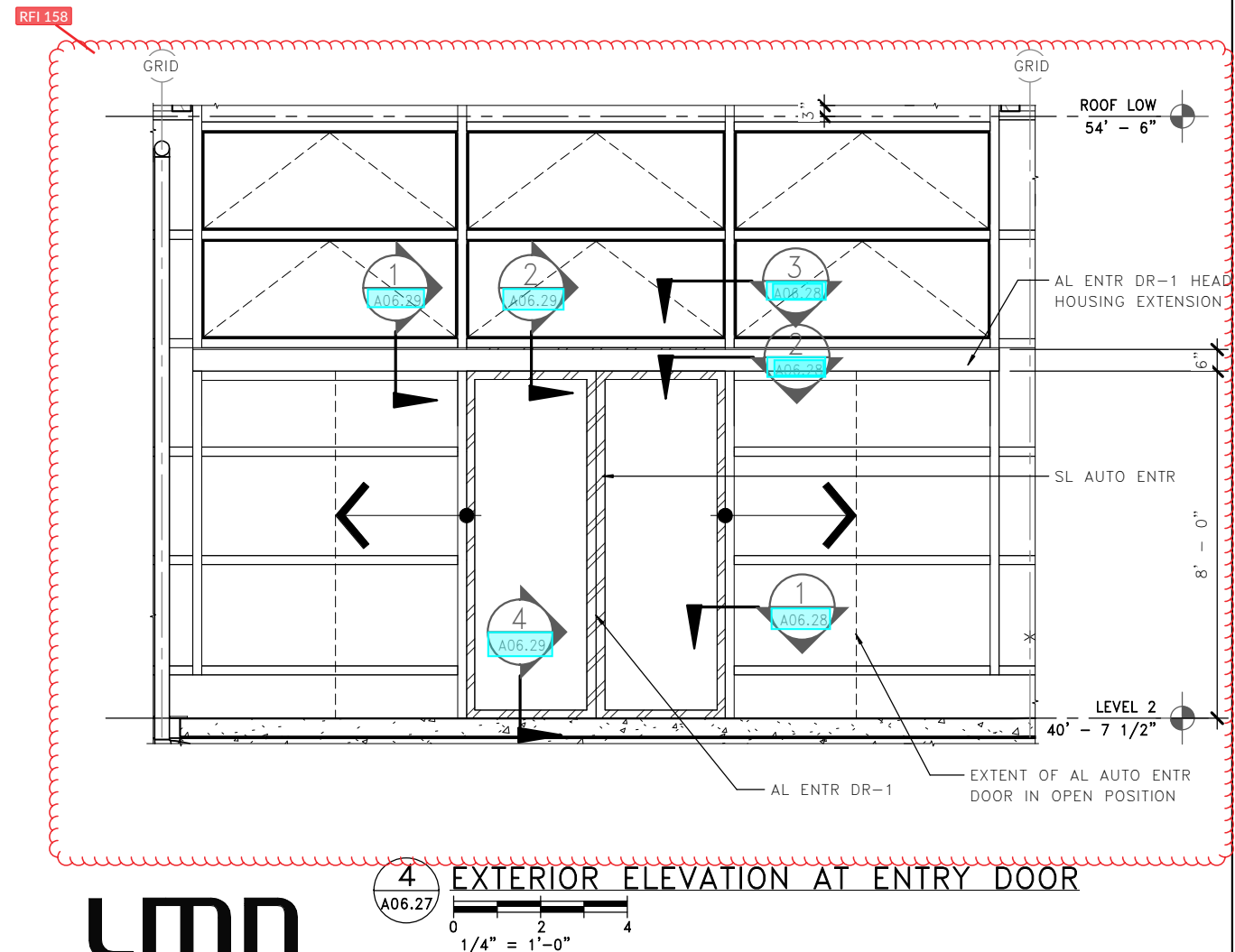
1 ENTRY DOOR INT ENLARGED ELEV SOUTH
 A06.27
 0 3/4" 8" 16"
 3/4" = 1'-0"



3 ENTRY DOOR INT ENLARGED ELEV NORTH
 A06.27
 0 3/4" 8" 16"
 3/4" = 1'-0"



2 ENTRY DOOR PLAN
 A06.27
 0 1/4" 2 4
 1/4" = 1'-0"

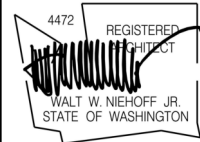


4 EXTERIOR ELEVATION AT ENTRY DOOR
 A06.27
 0 1/4" 2 4
 1/4" = 1'-0"

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt

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CHECKED BY:	M. FISHER	01/18/2019	
MAR PROJ ENGR:	C. TORRES		
DGN ENGR MNGR:	N. MCINTOSH	CONFORMED PLANS	01/18/19
ASST SECRETARY:	A. SCARTON	REVISION	DATE BY

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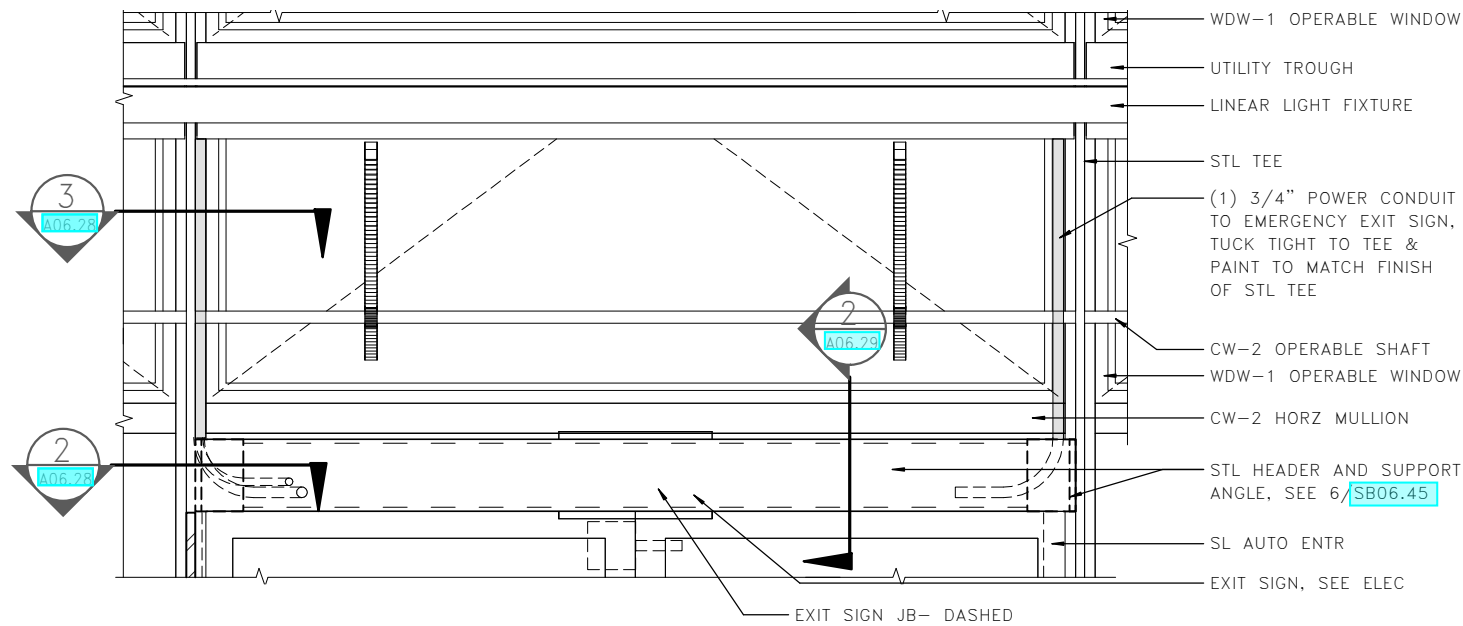


01/18/19
DATE

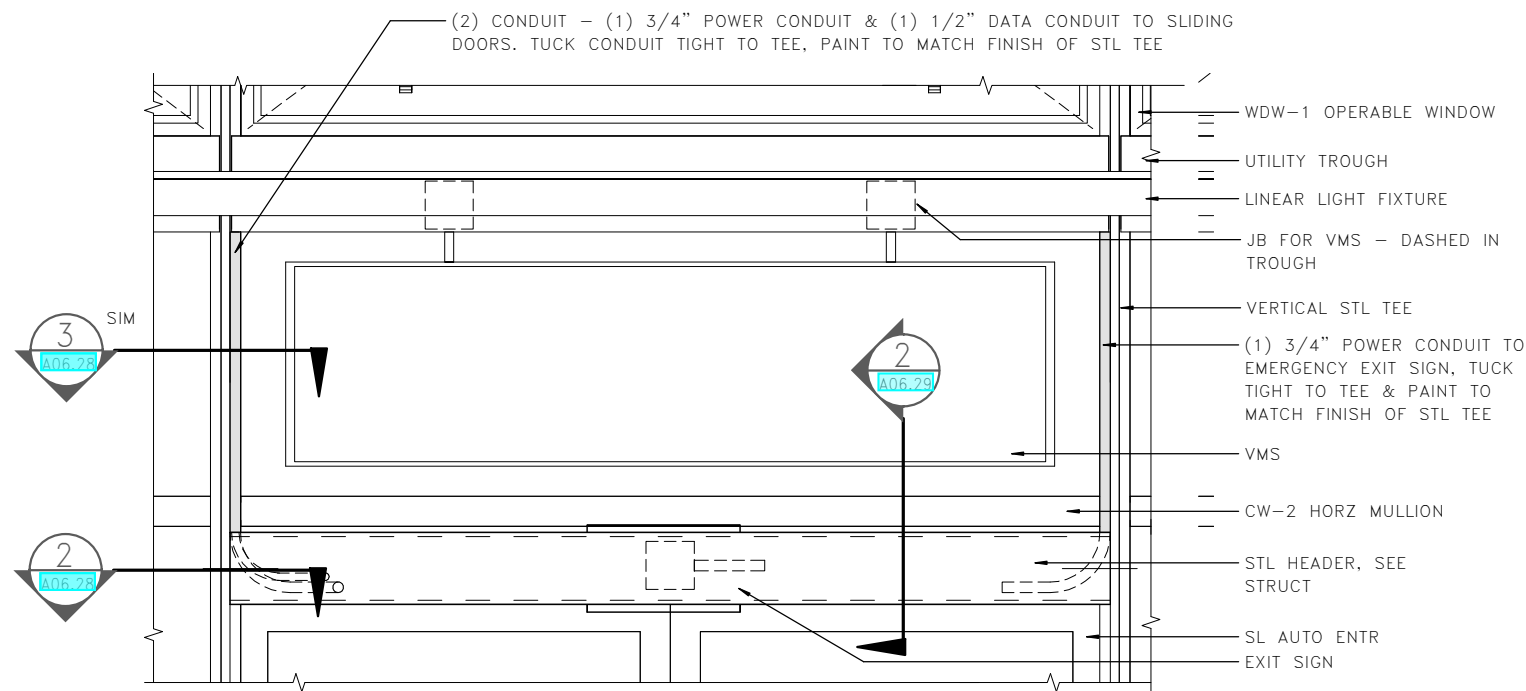


SR 525
 MUKILTEO FERRY TERMINAL (PHASE 2)
 FERRY TERMINAL CONSTRUCTION
 TERMINAL - DOOR DETAILS - CW-2

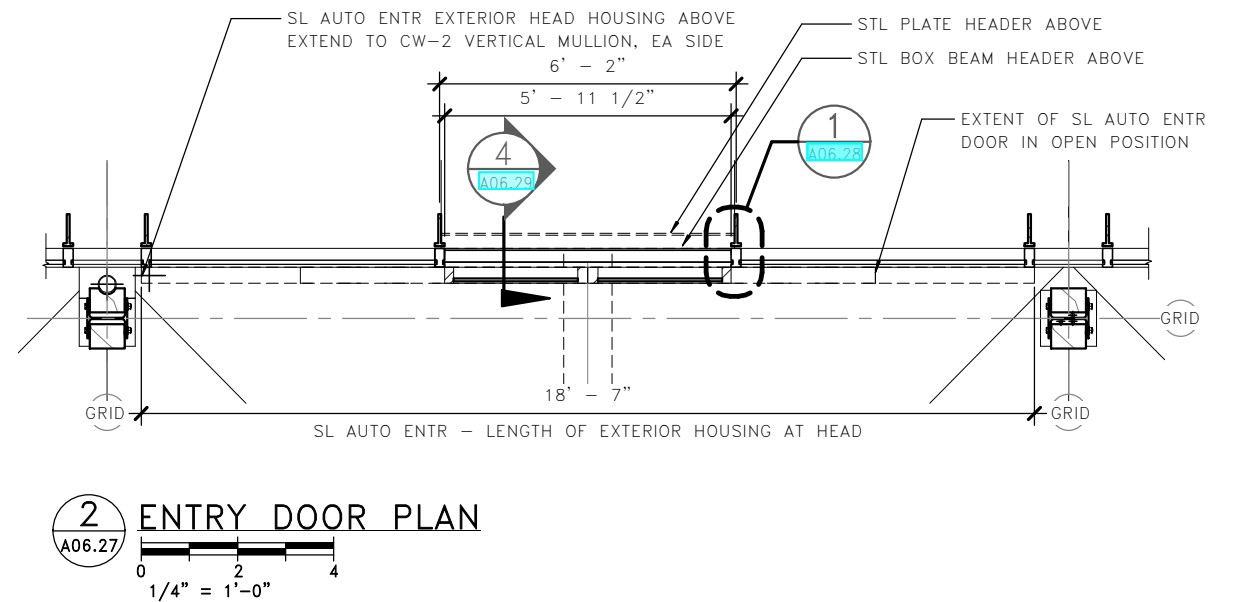
A06.27
 SHEET
 994
 OF
 1521
 SHEETS



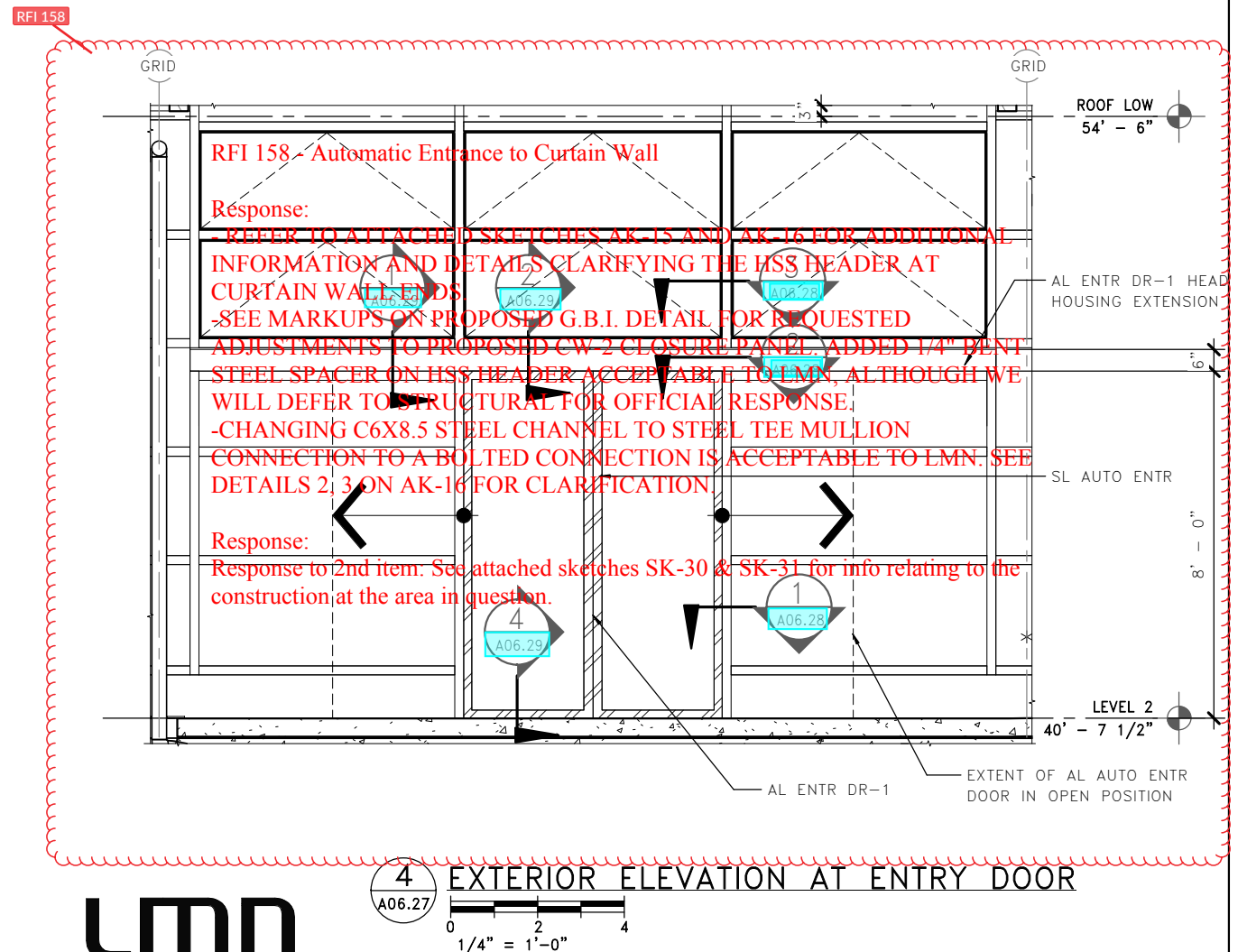
1 ENTRY DOOR INT ENLARGED ELEV SOUTH
 A06.27
 0 3/4" 8" 16"
 3/4" = 1'-0"



3 ENTRY DOOR INT ENLARGED ELEV NORTH
 A06.27
 0 3/4" 8" 16"
 3/4" = 1'-0"



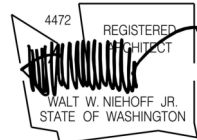
2 ENTRY DOOR PLAN
 A06.27
 0 1/4" 2 4
 1/4" = 1'-0"



4 EXTERIOR ELEVATION AT ENTRY DOOR
 A06.27
 0 1/4" 2 4
 1/4" = 1'-0"

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PRINTED: 1/16/2019 2:08:21 PM	LAST PRINTED BY: MGREENSHIELDS		
SUBMITTAL DATE: 01/18/2019	01/18/2019		
DESIGNED BY: H. FITZPATRICK	01/18/2019		
ENTERED BY: G. BISHOP	01/18/2019		
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DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19
ASST SECRETARY: A. SCARTON		REVISION	DATE BY

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WA-2017-007-00	
REGION NO. 10	STATE WA
JOB NUMBER 18W121	
CONTRACT NO. 00****	



01/18/19
DATE



SR 525
 MUKILTEO FERRY TERMINAL (PHASE 2)
 FERRY TERMINAL CONSTRUCTION
 TERMINAL - DOOR DETAILS - CW-2

A06.27
 SHEET
 994
 OF
 1521
 SHEETS

RFI 518 - Toll & Great Hall Displays

Toll Booth Monitors
See attached revised A05.53 and A05.54 for the toll booth monitor locations. The outdoor monitors (Samsung OH55F or approved equal) shall be procured by the contractor. Attach using standard mount per manufacturer's recommendation. Provide 2x6 blocking between the steel studs at toll booth 4 at attachment points (see attached sketches SK-54A -- SK-54C). At toll booths 1-3, provide similar exterior details to toll booth 4. If the monitors cannot be installed into studs per manufacturer recommendations, provide 2x6 blocking.

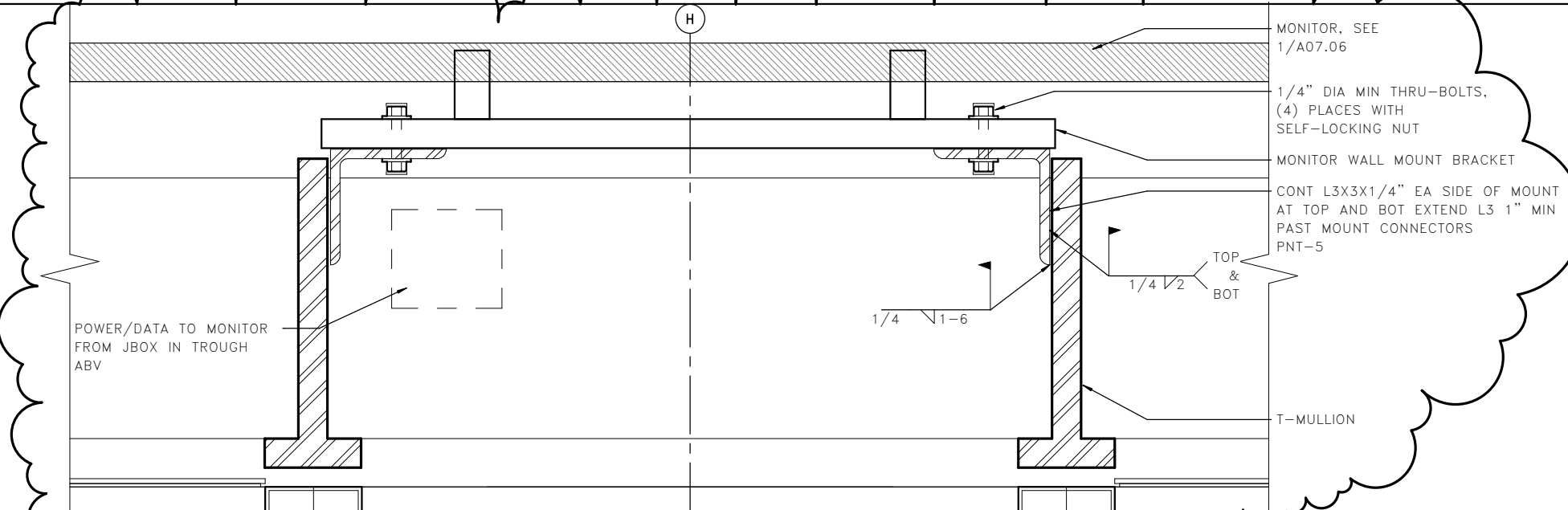
Provide (2) 1" conduit to attic. Further comm requirements will be provided in RFI 497.

Provide power as needed per manufacturer's requirements.

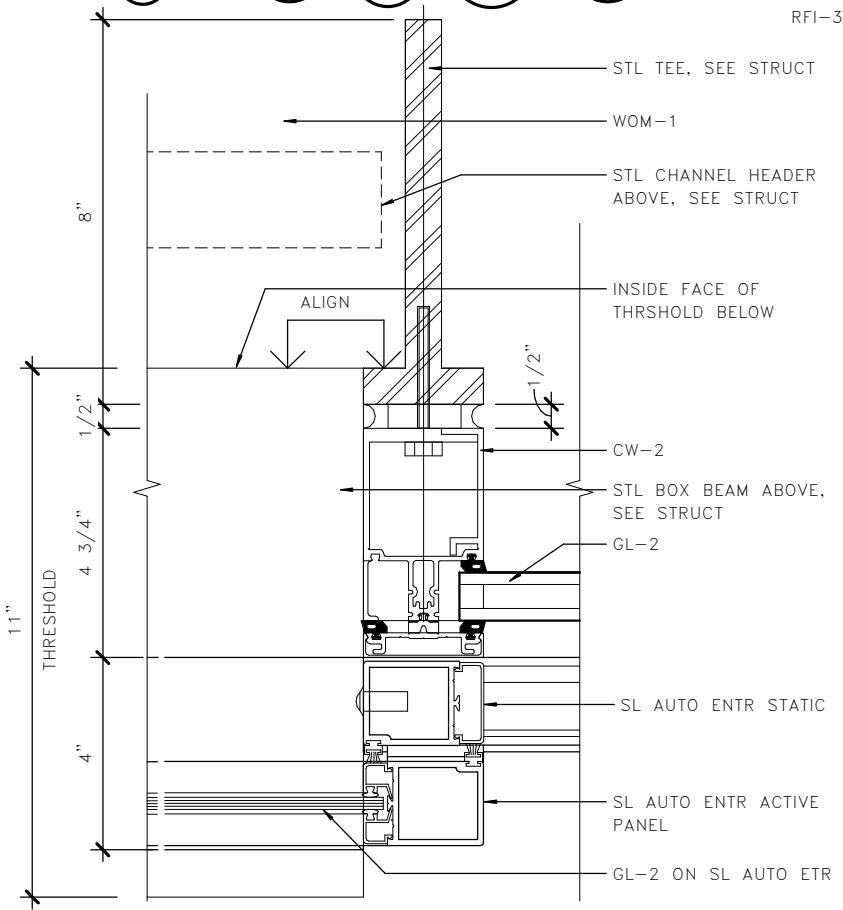
Great Hall Monitor
See attached for terminal building monitor location and added support angles. Mount to the provided angles using standard mount per the manufacturer's recommendations. The monitor (NEC V554 or approved equal) shall be procured by the contractor.

Comm requirements will be provided in RFI 497.

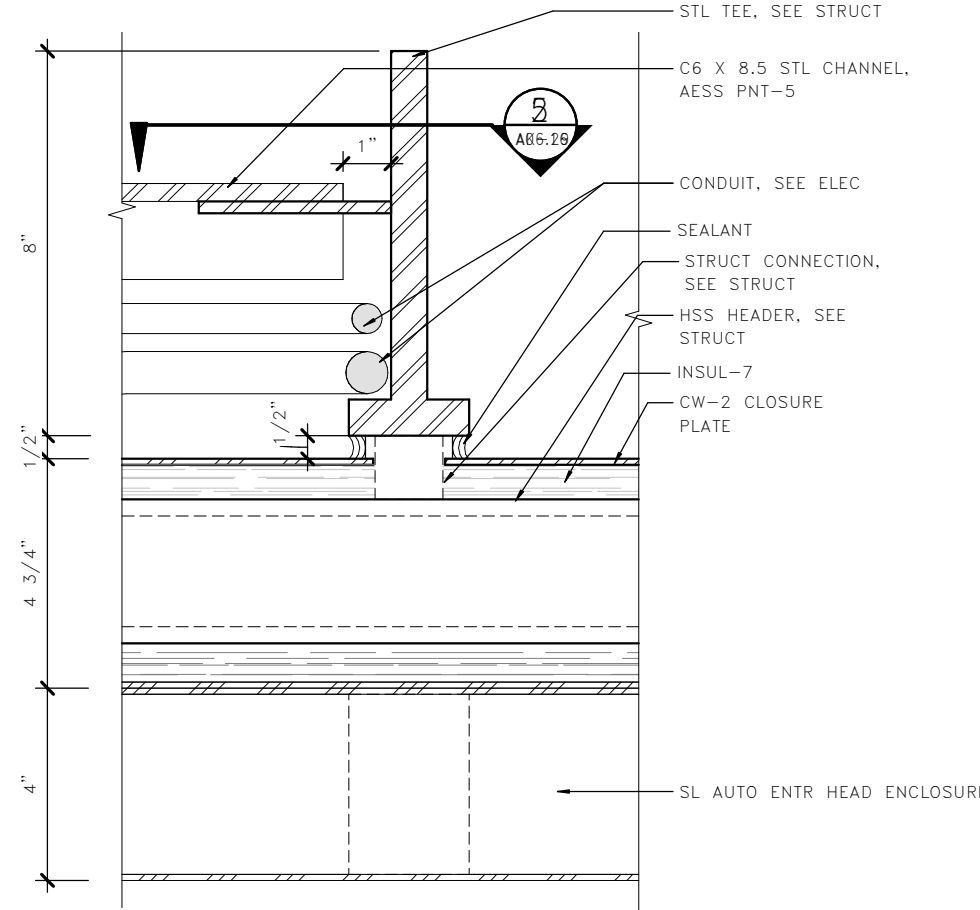
Provide junction box at utility trough (see arch) and provide power as needed per manufacturer's requirements.



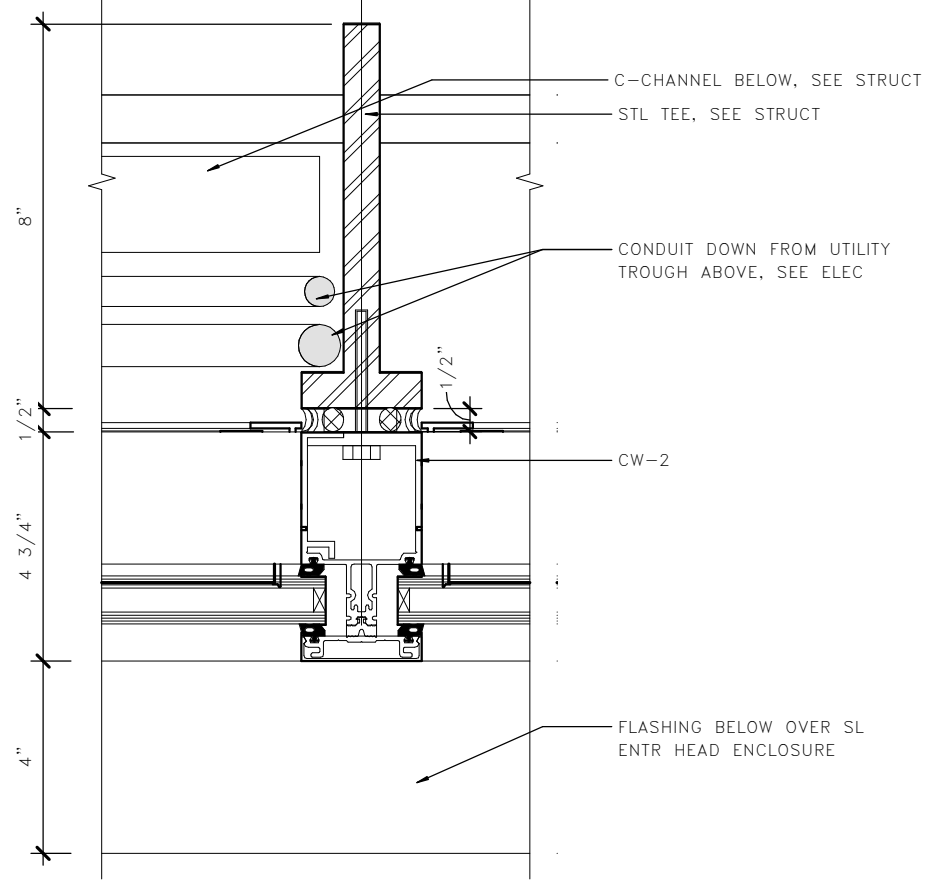
4 MONITOR MOUNT - GREAT HALL
A06.28



1 SLIDING DOOR JAMB
A06.28



2 SLIDING DOOR JAMB AT HEAD
A06.28



3 CW-2 JAMB ABOVE SLIDING ENTRY DOORS
A06.28



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ENTERED BY: G. BISHOP	CHECKED BY: M. FISHER	01/18/2019			REGION NO. 10	STATE WA
MAR PROJ ENGR: C. TORRES			RFI-395 MONITOR/SIGNAGE	04/13/20	JOB NUMBER 18W121	
DGN ENGR MNGR: N. MCINTOSH			CONFORMED PLANS	01/18/19	CONTRACT NO. 00****	
ASST SECRETARY: A. SCARTON			REVISION	DATE	BY	

4472
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WALT W. NIEHOFF JR.
STATE OF WASHINGTON

01/18/19

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Washington State
Department of Transportation
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SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

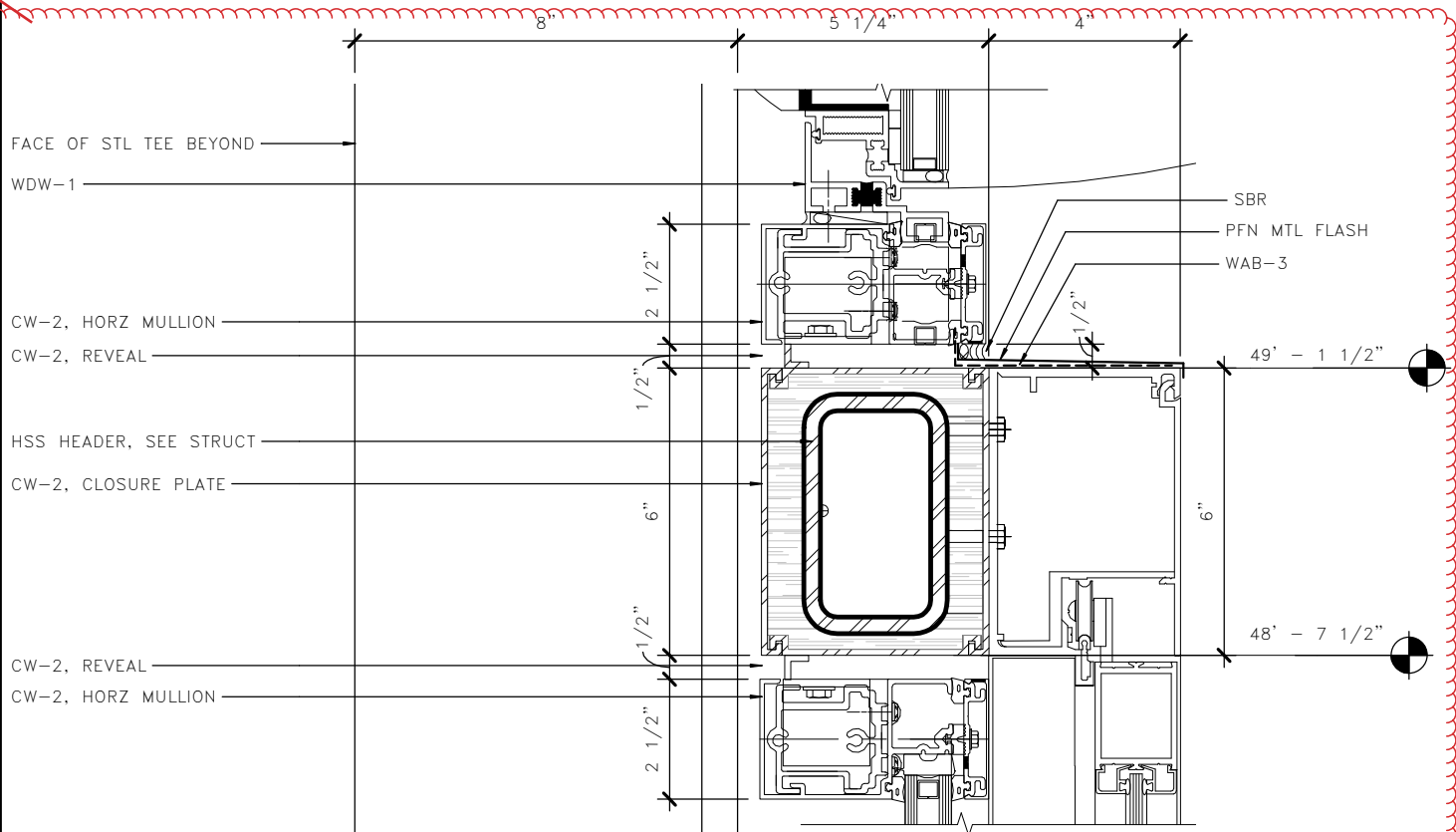
TERMINAL - DOOR DETAILS - CW-2

A06.28

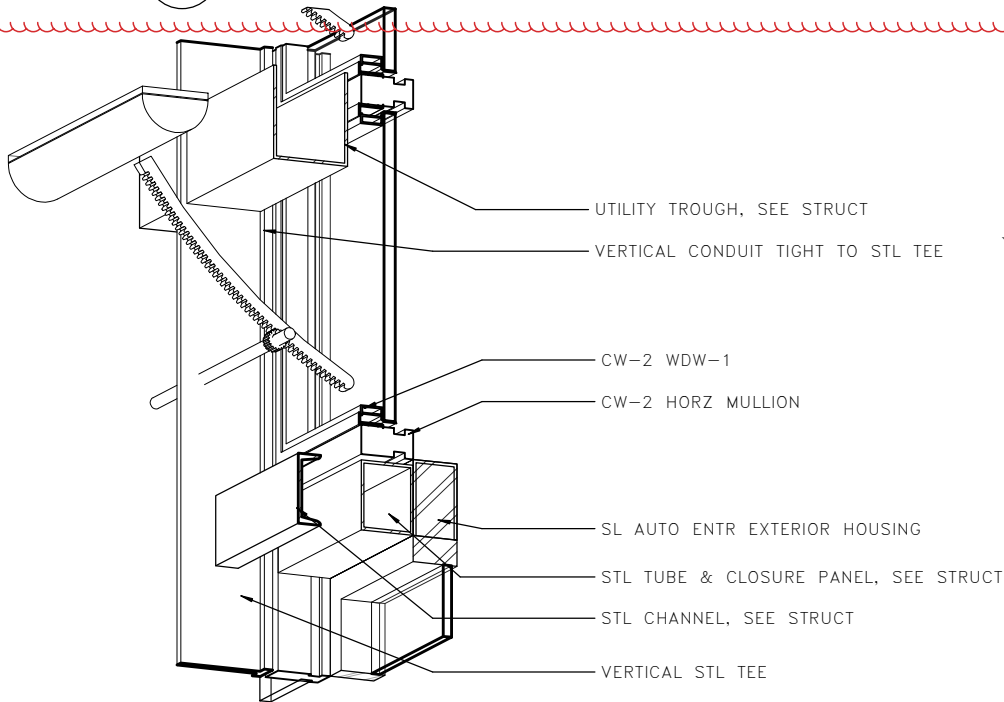
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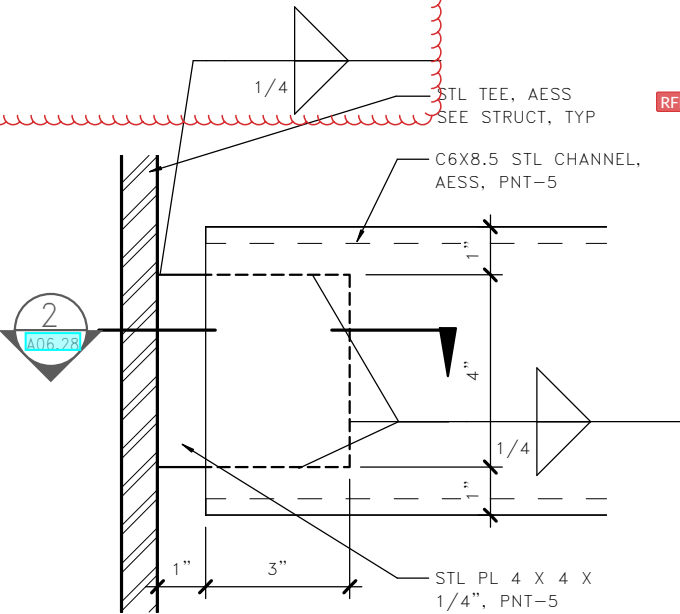
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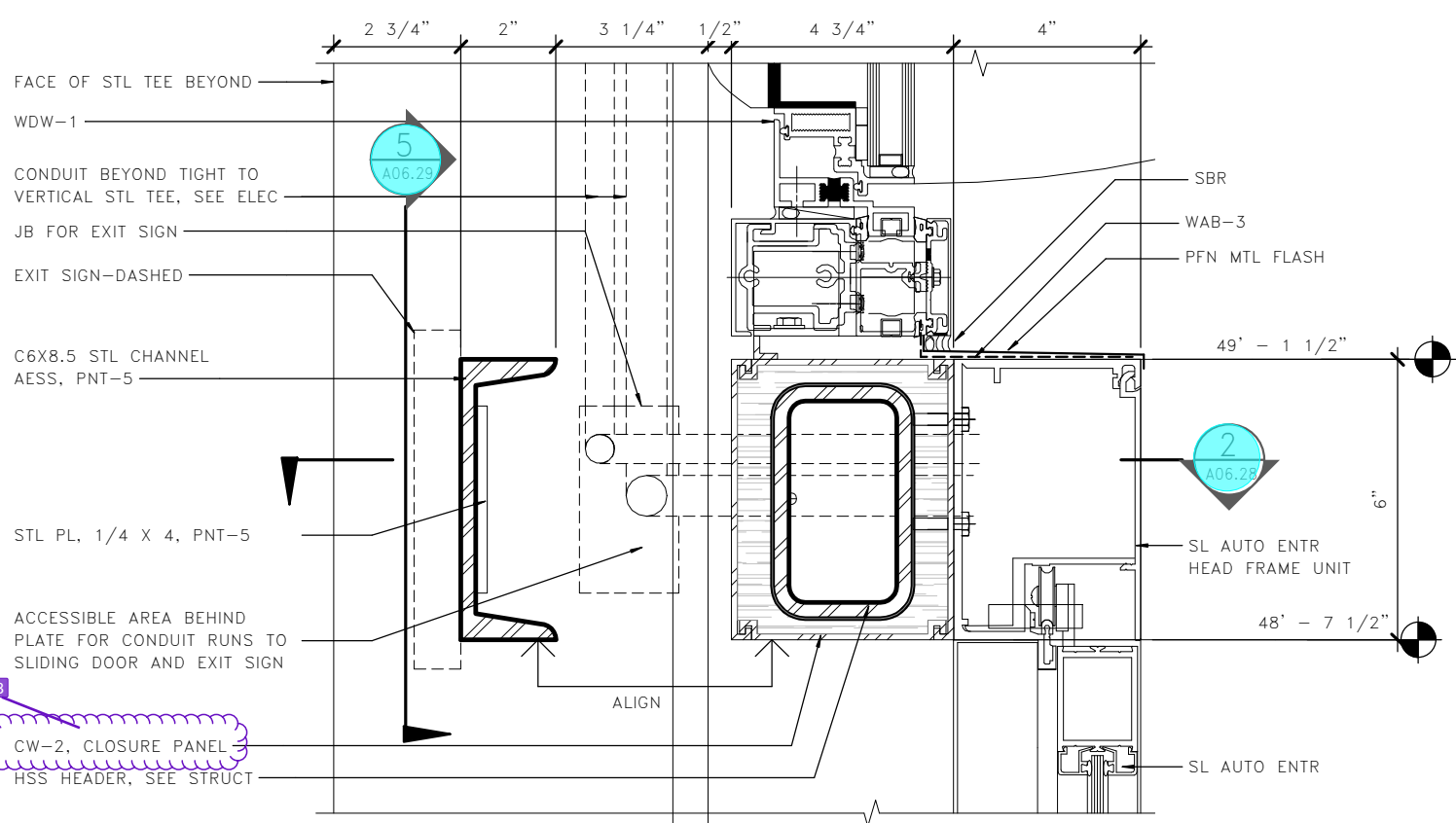
1 SLIDING DOOR HEAD @ CW-2
A06.29



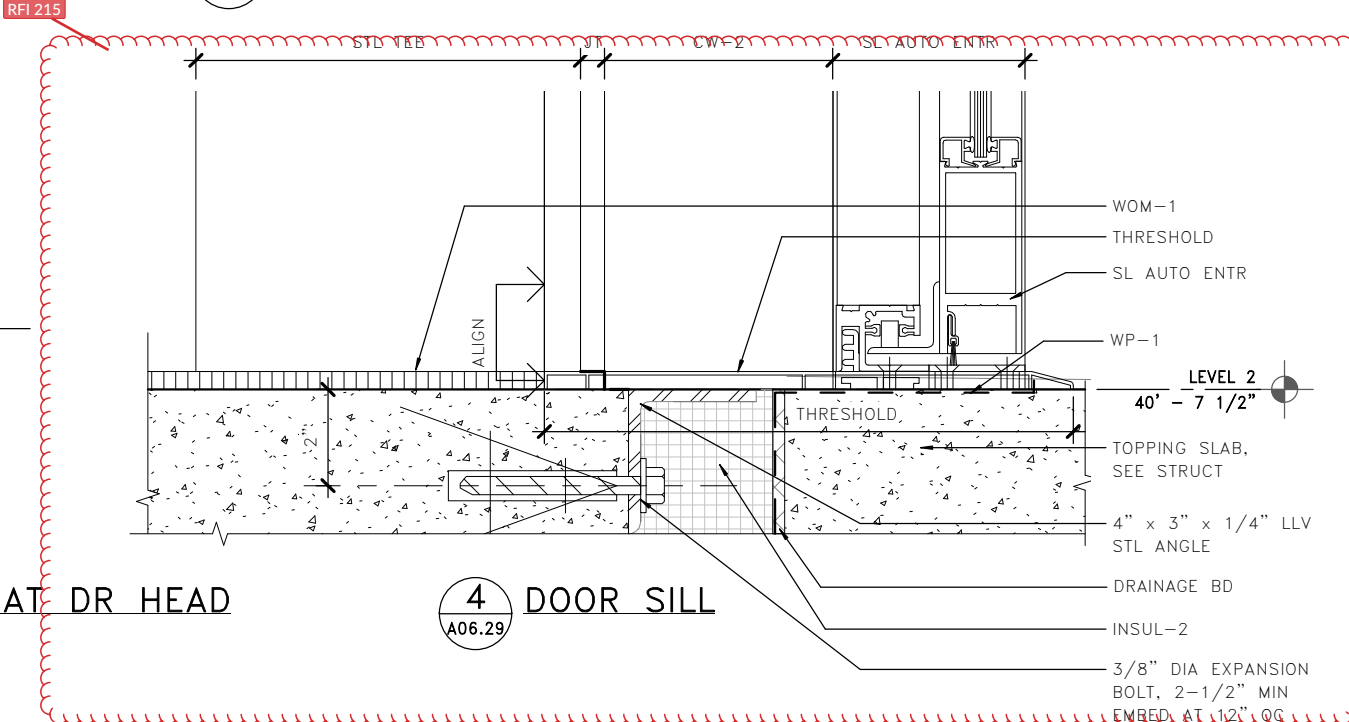
3 CW-2 ENTRY DOOR HEAD ISOMETRIC
A06.29



5 TYP CHANNEL AT STL TEE AT DR HEAD
A06.29



2 SLIDING DOOR HEAD
A06.29



4 DOOR SILL
A06.29

LMN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt				FED.AID PROJ.NO.	
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DESIGNED BY: H. FITZPATRICK				10 WA	
ENTERED BY: G. BISHOP				JOB NUMBER	
CHECKED BY: M. FISHER				18W121	
MAR PROJ ENGR: C. TORRES				CONTRACT NO.	
DGN ENGR MNGR: N. MCINTOSH				00****	
ASST SECRETARY: A. SCARTON				CONFORMED PLANS	
				01/18/19	
				REVISION	
				DATE BY	

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SR 525

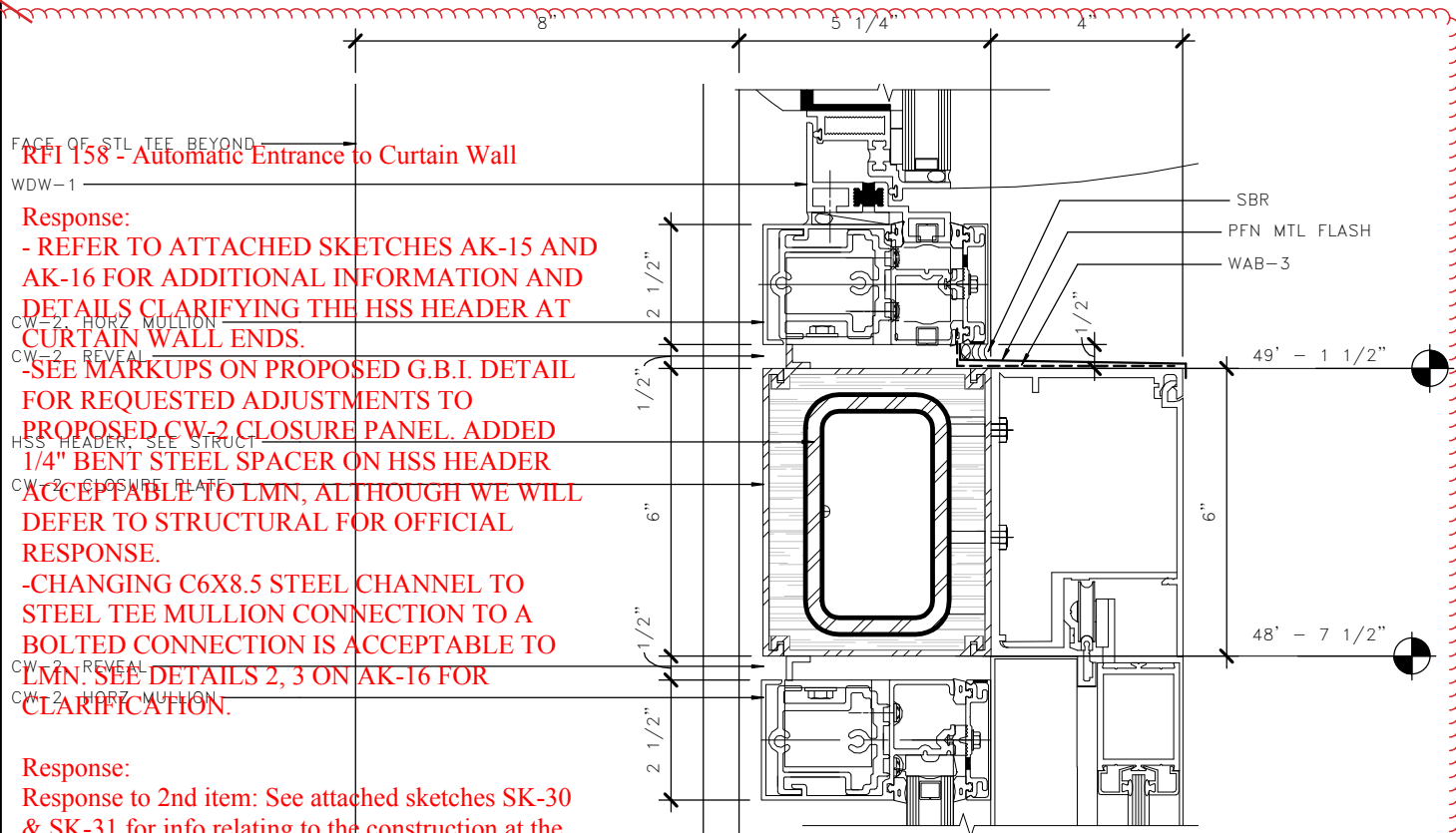
MUKILTEO FERRY TERMINAL (PHASE 2)

FERRY TERMINAL CONSTRUCTION

TERMINAL - DOOR DETAILS - CW-2

A06.29

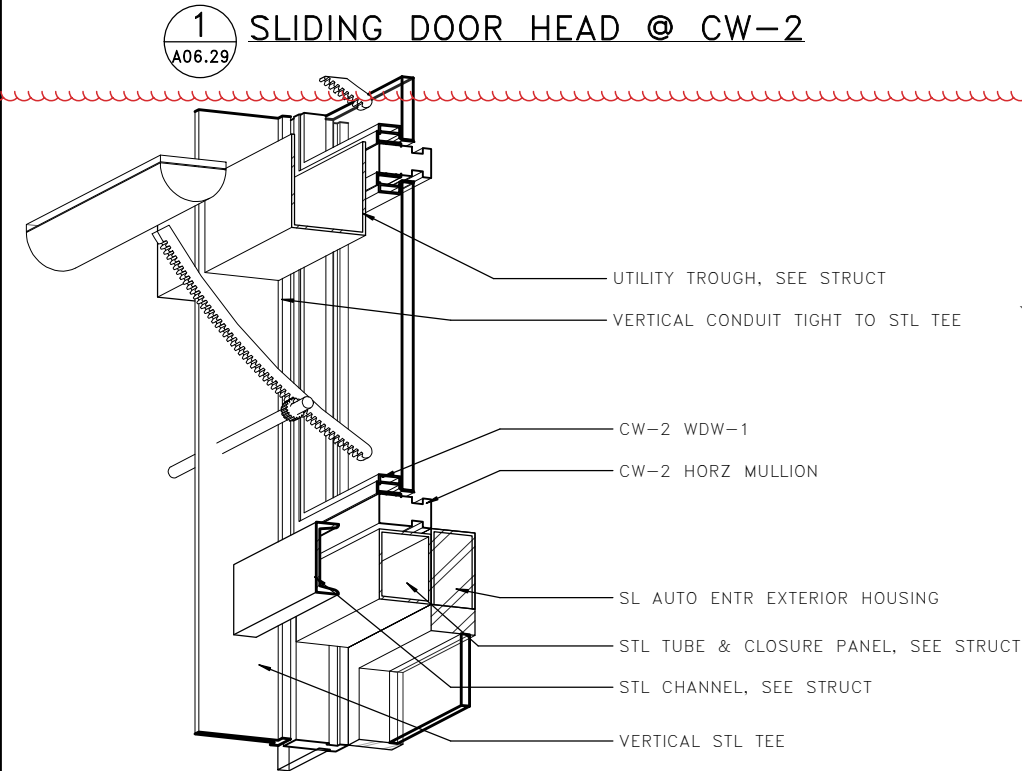
SHEET 996 OF 1521 SHEETS



RFI 158 - Automatic Entrance to Curtain Wall

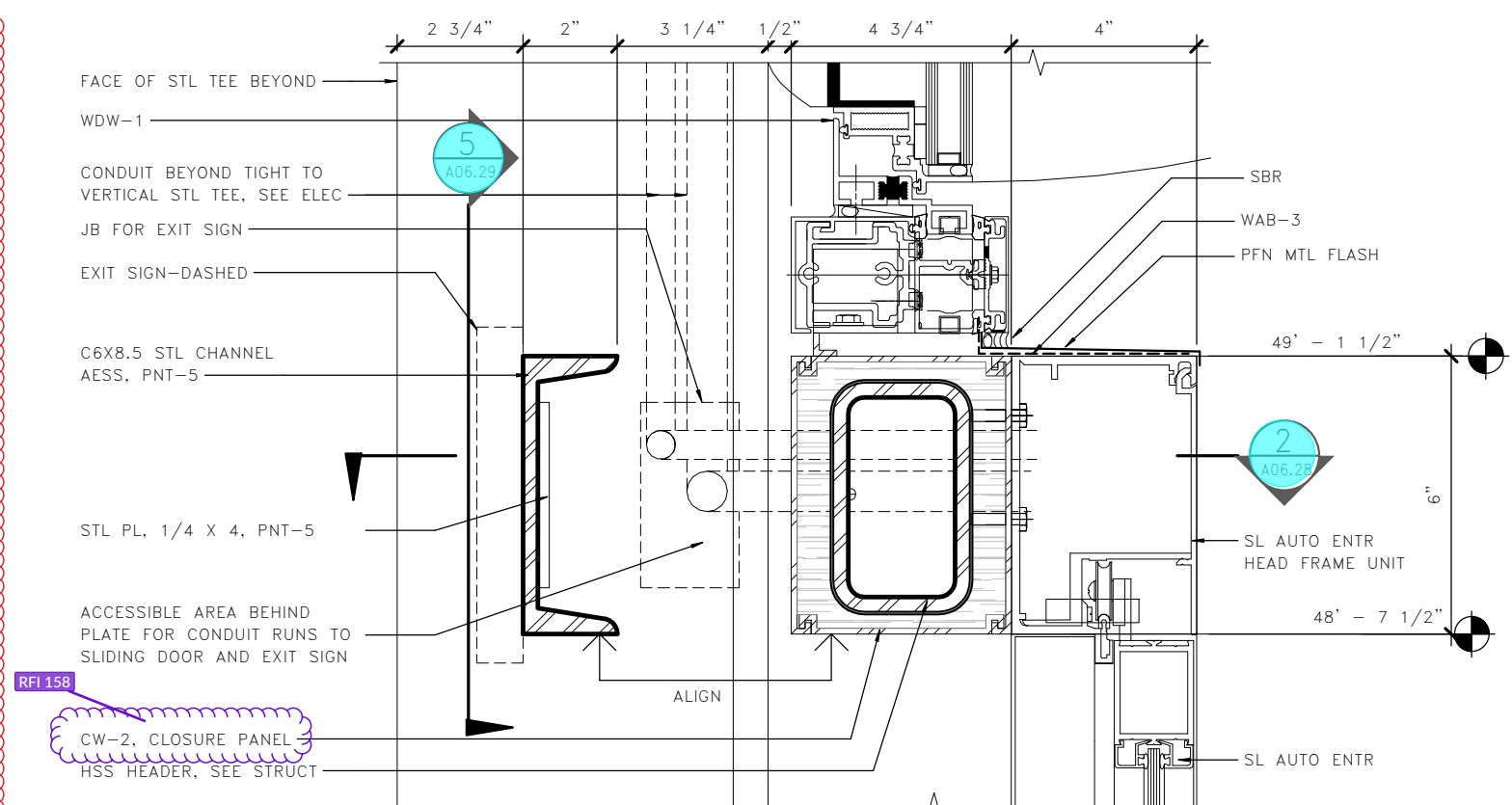
Response:
- REFER TO ATTACHED SKETCHES AK-15 AND AK-16 FOR ADDITIONAL INFORMATION AND DETAILS CLARIFYING THE HSS HEADER AT CURTAIN WALL ENDS.
-SEE MARKUPS ON PROPOSED G.B.I. DETAIL FOR REQUESTED ADJUSTMENTS TO PROPOSED CW-2 CLOSURE PANEL. ADDED 1/4" BENT STEEL SPACER ON HSS HEADER ACCEPTABLE TO LMN, ALTHOUGH WE WILL DEFER TO STRUCTURAL FOR OFFICIAL RESPONSE.
-CHANGING C6X8.5 STEEL CHANNEL TO STEEL TEE MULLION CONNECTION TO A BOLTED CONNECTION IS ACCEPTABLE TO LMN. SEE DETAILS 2, 3 ON AK-16 FOR CLARIFICATION.

Response:
Response to 2nd item: See attached sketches SK-30 & SK-31 for info relating to the construction at the area in question.



3 CW-2 ENTRY DOOR HEAD ISOMETRIC
A06.29

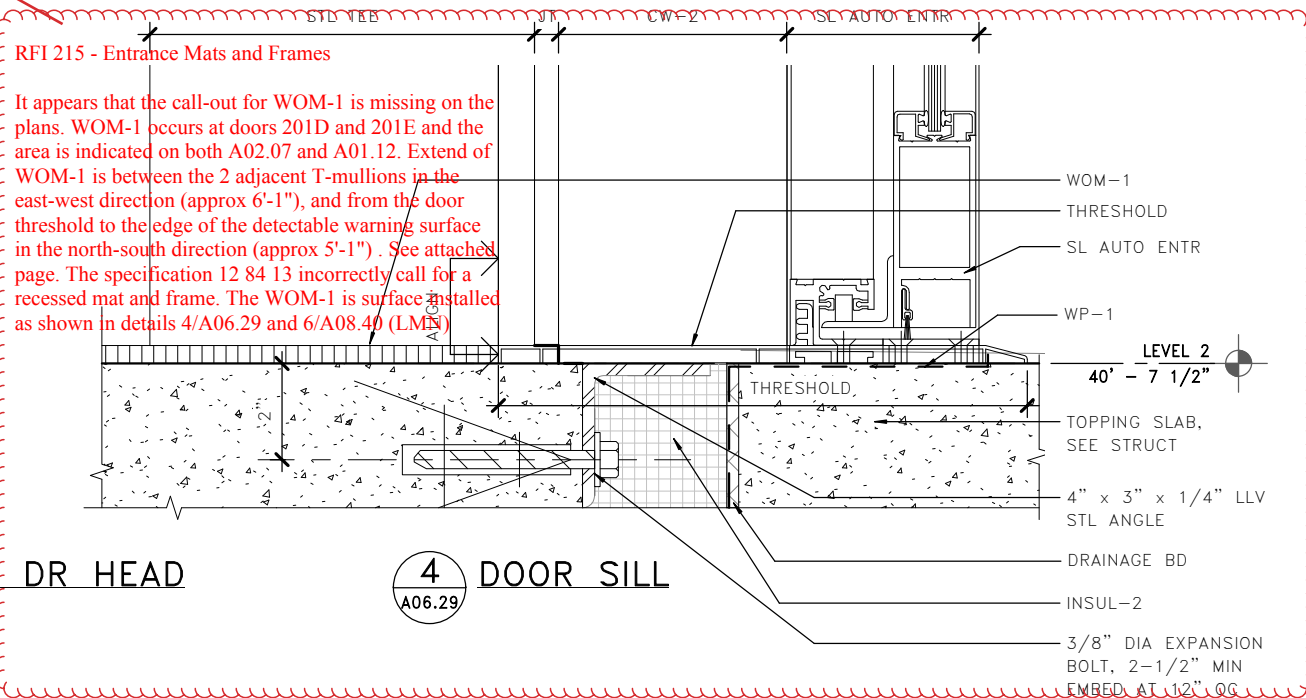
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DESIGNED BY: H. FITZPATRICK	01/18/2019			JOB NUMBER 18W121	
ENTERED BY: G. BISHOP	01/18/2019			CONTRACT NO. 00****	
CHECKED BY: M. FISHER	01/18/2019				
MAR PROJ ENGR: C. TORRES		CONFORMED PLANS	01/18/19		
DGN ENGR MNGR: N. MCINTOSH		REVISION	DATE	BY	
ASST SECRETARY: A. SCARTON					



RFI 158
CW-2, CLOSURE PANEL
HSS HEADER, SEE STRUCT

2 SLIDING DOOR HEAD
A06.29

RFI 215 - Entrance Mats and Frames
It appears that the call-out for WOM-1 is missing on the plans. WOM-1 occurs at doors 201D and 201E and the area is indicated on both A02.07 and A01.12. Extend of WOM-1 is between the 2 adjacent T-mullions in the east-west direction (approx 6'-1"), and from the door threshold to the edge of the detectable warning surface in the north-south direction (approx 5'-1"). See attached page. The specification 12 84 13 incorrectly call for a recessed mat and frame. The WOM-1 is surface installed as shown in details 4/A06.29 and 6/A08.40 (LMS)



4 DOOR SILL
A06.29



LEVEL 2
40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

DRAINAGE BD

INSUL-2

3/8" DIA EXPANSION BOLT, 2-1/2" MIN EMBED AT 12" OC

WOM-1

THRESHOLD

SL AUTO ENTR

WP-1

LEVEL 2

40' - 7 1/2"

THRESHOLD

TOPPING SLAB, SEE STRUCT

4" x 3" x 1/4" LLV STL ANGLE

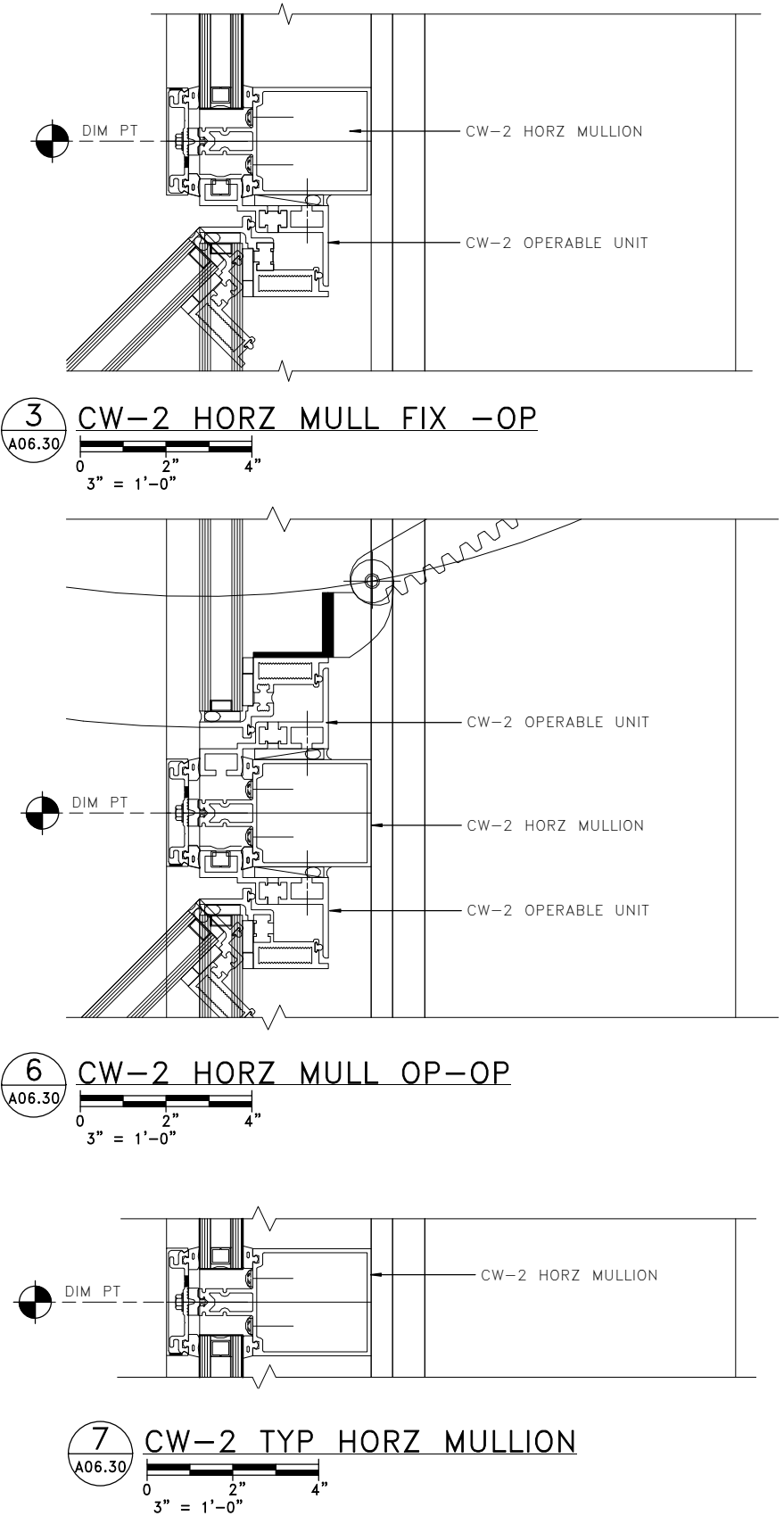
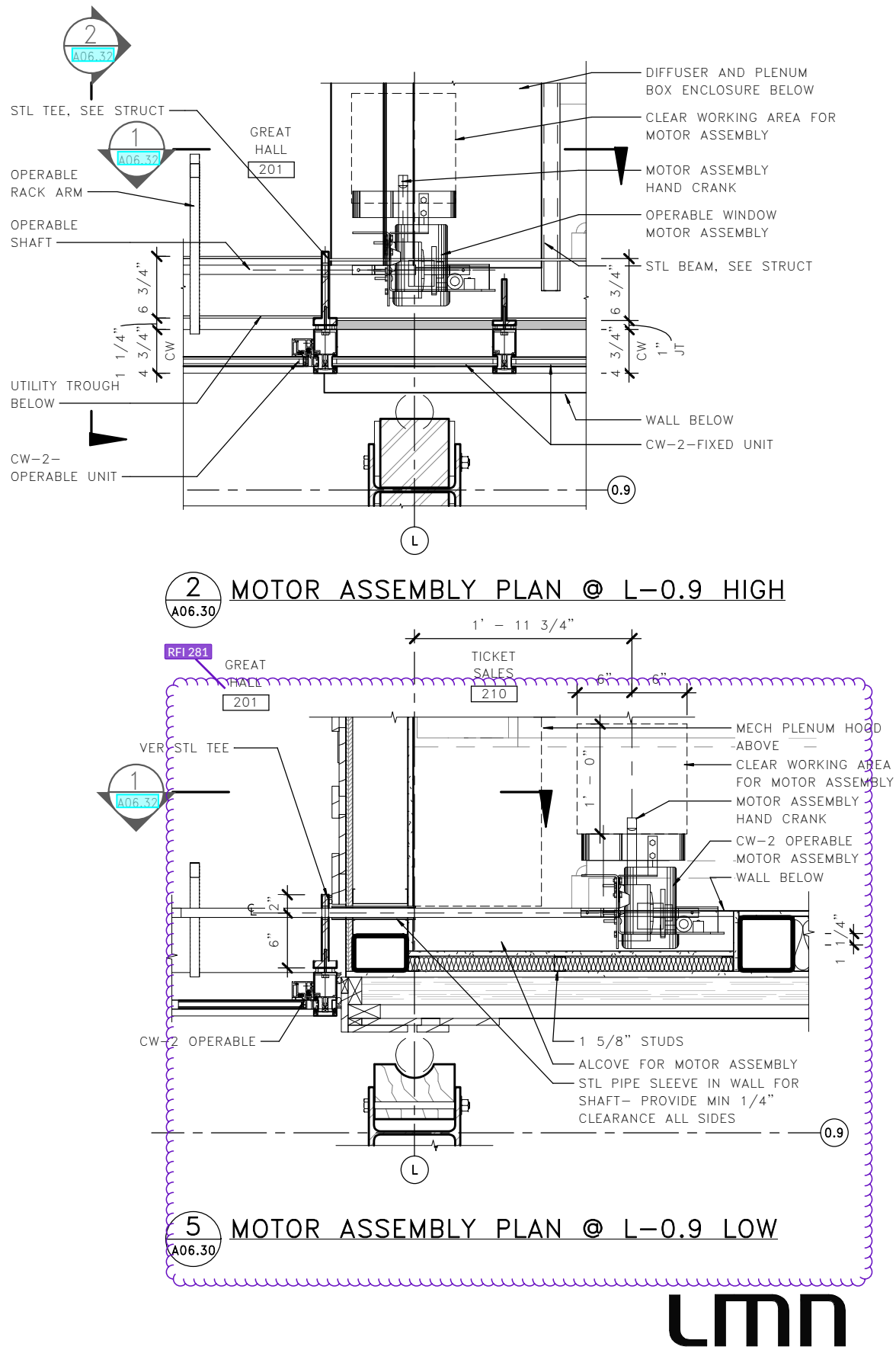
DRAINAGE BD



RFI 281 - Window Operator Clarification

- a. Confirmed (LMN)
- b. See 5/A06.30, 2/A06.31 and 2/A06.32 for shaft locations. KPFF to comment on detailing (LMN)
- d. It is assumed that shaft carrier roller bearings can be tack welded directly to the side of the T-mullions without brackets, see drawings referenced in question (b) for locations (LMN)
- e. Confirmed. Center couplers in structural bays typical (LMN)
- f. Motor locations are identified in the construction documents, see 1/A06.31 and 1/A06.32 (LMN)
- g. Based on information received from Dayton during design, and conversations with and review by Larry King Jr at Hope's Windows (who acquired Dayton Metal Products) the assemblies should fit in the provided space (LMN)
- h. The Dayton motor assemblies should mount to the T-mullions with brackets provided by Dayton. See further comments in the Curtain Wall Window Operator submittal (084400-04) (LMN)

Add'l Response:

- b. The hole diameter in the T-mullions, for the drive shafts, should be equal to the diameter of the drive shaft + 1/8".



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PRINTED: 1/16/2019 2:08:38 PM		LAST PRINTED BY: MGREENSHIELDS		FED.AID PROJ.NO.		MUKILTEO FERRY TERMINAL (PHASE 2)										
SUBMITTAL DATE: 01/18/2019		DESIGNED BY: H. FITZPATRICK		01/18/2019		WA-2017-007-00		REGION NO. 10		STATE WA		SHEET 997				
ENTERED BY: G. BISHOP		01/18/2019						JOB NUMBER 18W121				OF 1521				
CHECKED BY: M. FISHER		01/18/2019						CONTRACT NO. 00****				SHEETS				
MAR PROJ ENGR: C. TORRES				CONFORMED PLANS		01/18/19										
DGN ENGR MNGR: N. MCINTOSH				REVISION		DATE		BY								
ASST SECRETARY: A. SCARTON																

The image contains two architectural drawings of the North WDW-1 Operators. The left drawing is an elevation view, and the right drawing is a section view.

Left Drawing: NORTH WDW-1 OPERATORS - ELEVATION

- RFI 281** (top left)
- 1** (bottom left)
- A06.31** (bottom left)
- 2** (top center)
- A06.31** (top center)
- 6** (bottom right)
- A07.25** (bottom right)
- 1** (bottom right)
- A07.25** (bottom right)
- ROOF HIGH 59' - 10"** (top right)
- SEE NOTES IN COMMON BELOW** (multiple locations)
- STL TEE, AESS SEE STRUCT, TYP**
- FIXED CW-2, TYP BEHIND MOTOR ASSEMBLIES**
- ROLLER BEARING SUPPORT FOR HORIZ SHAFT AT EACH VERT STL TEE, TYP**
- RACK ARM, TYP - (2) PER OPERABLE WINDOW**
- MOTORIZED POWER SYSTEM, TYP - (1) PER OPERABLE WINDOW TIER, (3) TOTAL**
- SHAFT ARM, TYP - (1) PER OPERABLE WINDOW TIER, (3) TOTAL**
- DIFFUSER**
- UTILITY TROUGH**
- LIGHT FIXTURE, SEE LIGHTING**
- OPP** (bottom center)

Right Drawing: NORTH WDW-1 OPERATORS - SECTION

- 1** (top right)
- A06.31** (top right)
- 3.1** (top left)
- ROOF HIGH 59' - 10"** (top right)
- SEE NOTES IN COMMON BELOW** (multiple locations)
- WDW-1**
- MOTORIZED POWER SYSTEM ASSEMBLY, TYP - (1) PER OPERABLE WINDOW TIER, (3) TOTAL**
- RACK ARM, TYP - (2) PER OPERABLE WINDOW TIER, (3) TOTAL**
- SHAFT ARM, TYP - (1) PER OPERABLE WINDOW TIER, (3) TOTAL**
- EMERGENCY HAND CRANK SHAFT**
- DIFFUSER BEYOND**
- UTILITY TROUGH**
- VERTICAL STL TEE**
- CW-2, FIXED GLAZING**
- 2' - 6"** (multiple vertical dimensions)
- 6"** (horizontal dimension)
- 2"** (horizontal dimension)
- 8 3/8"** (horizontal dimension)
- 3"** (horizontal dimension)
- 8 3/8"** (horizontal dimension)
- 1** (bottom left)
- A06.31** (bottom left)

RFI 281

A06.31

RFI 281 - Window Operator Clarification

- a. Confirmed (LMN)
b. See 5/A06.30, 2/A06.31 and 2/A06.32 for shaft locations. KPFF to comment on detailing (LMN)
d. It is assumed that shaft carrier roller bearings can be tack welded directly to the side of the T-mullions without brackets, see drawings referenced in question (b) for locations (LMN)
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Add'l Response:

- b. The hole diameter in the T-mullions, for the drive shafts, should be equal to the diameter of the drive shaft + 1/8".

ROOF HIGH
59' - 10"

ROOF HIGH
59' - 10"

SEE NOTES IN COMMON BELOW

STL TEE, AESS
SEE STRUCT. TYP

SEE NOTES IN COMMON BELOW

FIXED CW-2, TYP BEHIND
MOTOR ASSEMBLIES

ROLLER BEARING SUPPORT
FOR HORIZ SHAFT AT EACH
VERT STL TEE, TYP

RACK ARM, TYP - (2) PER
OPERABLE WINDOW

MOTORIZED POWER SYSTEM, TYP -
(1) PER OPERABLE WINDOW TIER,
(3) TOTAL

SHAFT ARM, TYP - (1) PER
OPERABLE WINDOW TIER, (3) TOTAL

DIFFUSER

UTILITY TROUGH

LIGHT FIXTURE, SEE LIGHTING

OPP

SEE NOTES IN COMMON BELOW

SEE NOTES IN COMMON BELOW

WDW-1

MOTORIZED POWER SYSTEM
ASSEMBLY, TYP - (1) PER
OPERABLE WINDOW TIER, (3) TOTAL

RACK ARM, TYP - (2) PER OPERABLE

SHAFT ARM, TYP - (1) PER
OPERABLE WINDOW TIER, (3) TOTAL

EMERGENCY HAND CRANK SHAFT

DIFFUSER BEYOND

UTILITY TROUGH

VERTICAL STL TEE
CW-2, FIXED GLAZING

1 NORTH WDW-1 OPERATORS - ELEVATION

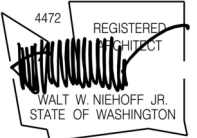
2 NORTH WDW-1 OPERATORS - SECTION

LMN

0" 6" 12" 18"

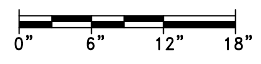
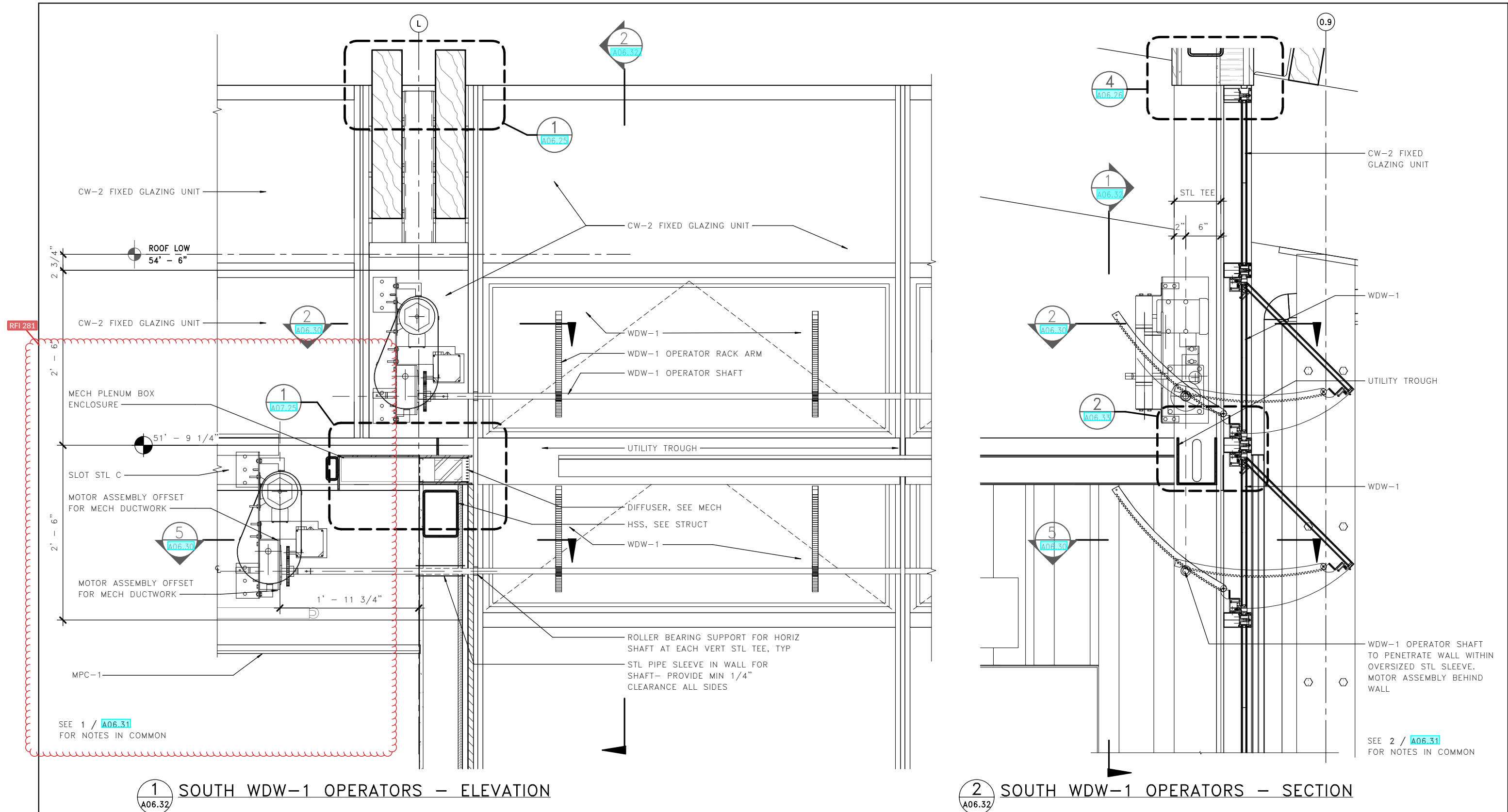
RFI 170

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ENTERED BY: G. BISHOP		CHECKED BY: M. FISHER		JOB NUMBER 18W121	
MAR PROJ ENGR: C. TORRES		DGN ENGR MNGR: N. MCINTOSH		CONTRACT NO. 00****	
ASST SECRETARY: A. SCARTON		CONFORMED PLANS		REVISION	
		DATE		BY	



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EXTERIOR DETAILS - CW-2


A06.31
SHEET
998
OF
1521
SHEETS

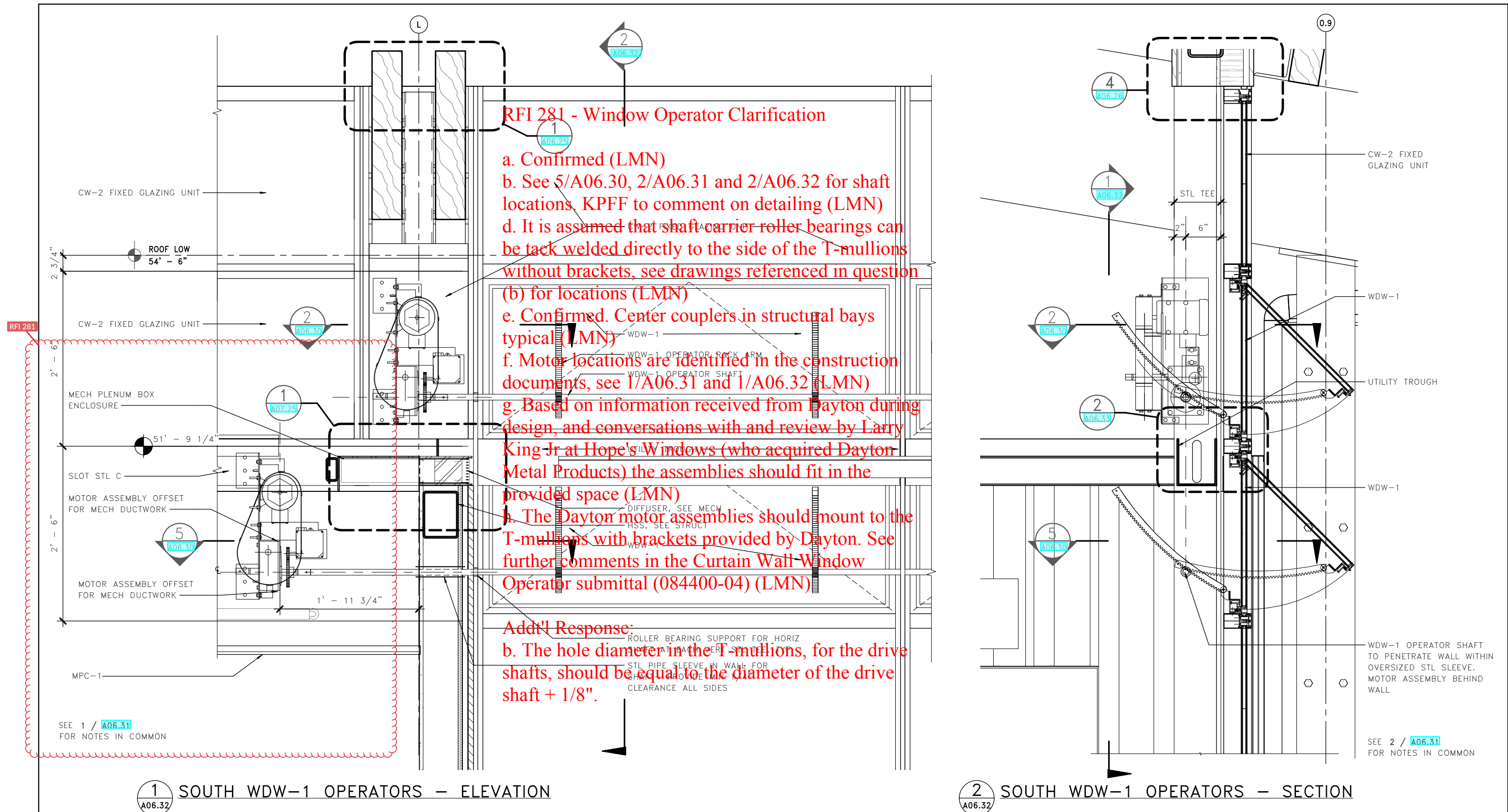


FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt										<div>SR 525</div> <div>MUKILTEO FERRY TERMINAL (PHASE 2)</div> <div>FERRY TERMINAL CONSTRUCTION</div> <div>TERMINAL – EXTERIOR DETAILS – CW-2</div>										A06.32	
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DESIGNED BY: H. FITZPATRICK		01/18/2019								JOB NUMBER 18W121											
ENTERED BY: G. BISHOP		01/18/2019								CONTRACT NO. 00****											
CHECKED BY: M. FISHER		01/18/2019																			
MAR PROJ ENGR: C. TORRES																					
DGN ENGR MNGR: N. MCINTOSH				CONFORMED PLANS		01/18/19															
ASST SECRETARY: A. SCARTON				REVISION		DATE		BY													

DATE	DATE
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4472	REGISTERED ARCHITECT
WALT W. NIEHOFF JR. STATE OF WASHINGTON	
01/18/19	DATE

	Washington State Department of Transportation WASHINGTON STATE FERRIES
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LMN

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MAR PROJ ENGR: C. TORRES		JOB NUMBER 18W121	
DGN ENGR MNGR: N. MCINTOSH		CONTRACT NO. 00****	
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	REVISION	DATE	BY

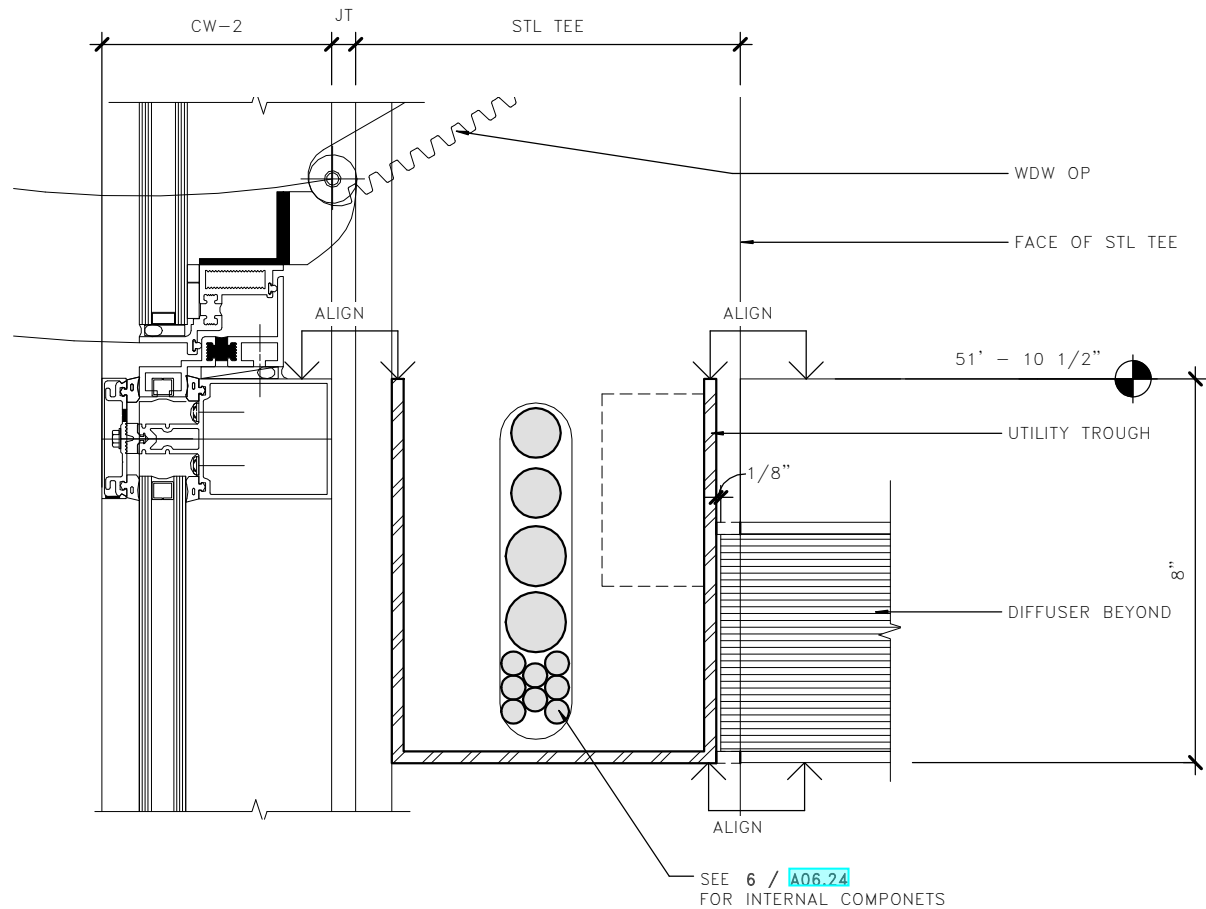


01/18/19

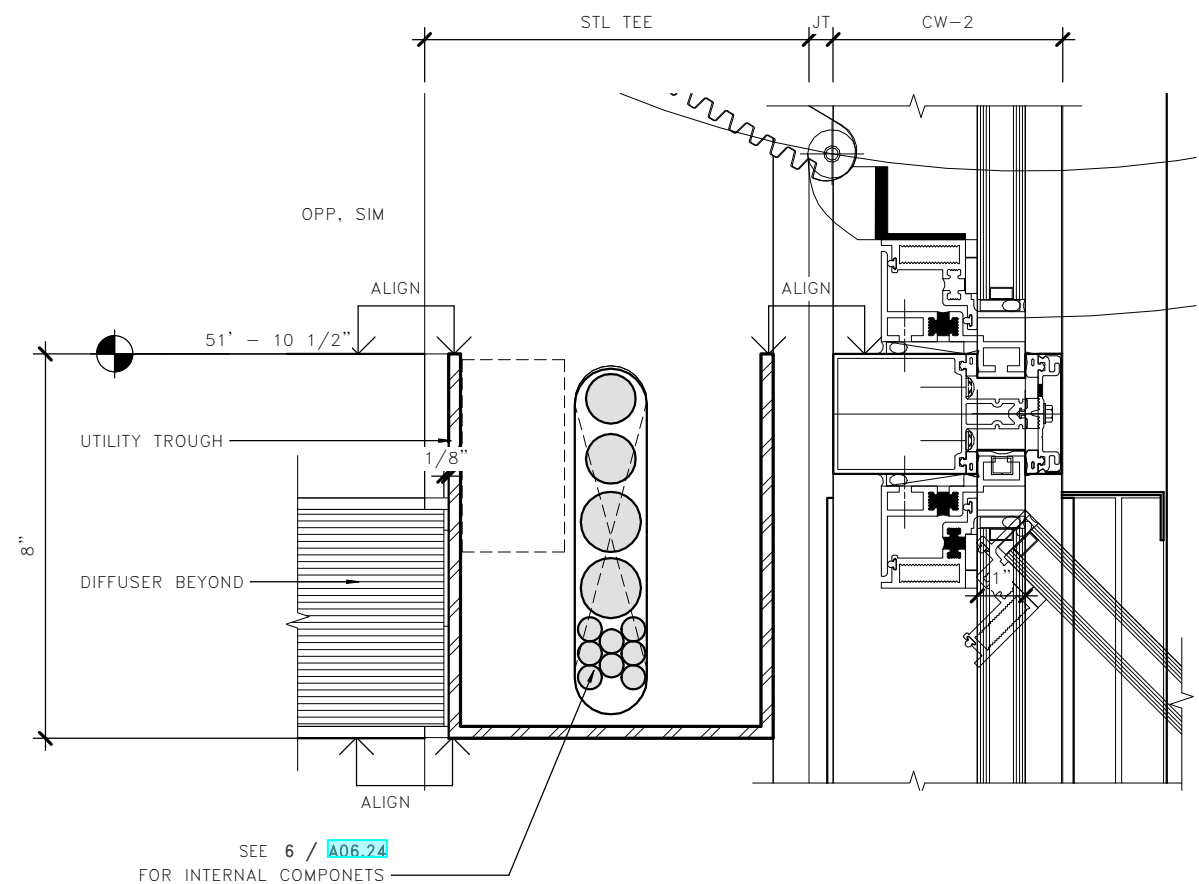


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EXTERIOR DETAILS - CW-2

A06.32
SHEET
999
OF
1521
SHEETS



1 UTILITY TROUGH @ NORTH CW
A06.33
0 2 4
3" = 1'-0"

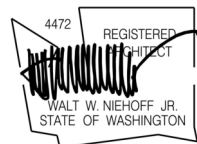


2 UTILITY TROUGH @ SOUTH CW
A06.33
0 2 4
3" = 1'-0"

LMN

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ENTERED BY: G. BISHOP	01/18/2019				10 WA
CHECKED BY: M. FISHER	01/18/2019				JOB NUMBER
MAR PROJ ENGR: C. TORRES					18W121
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19		CONTRACT NO.
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY	00****

DATE

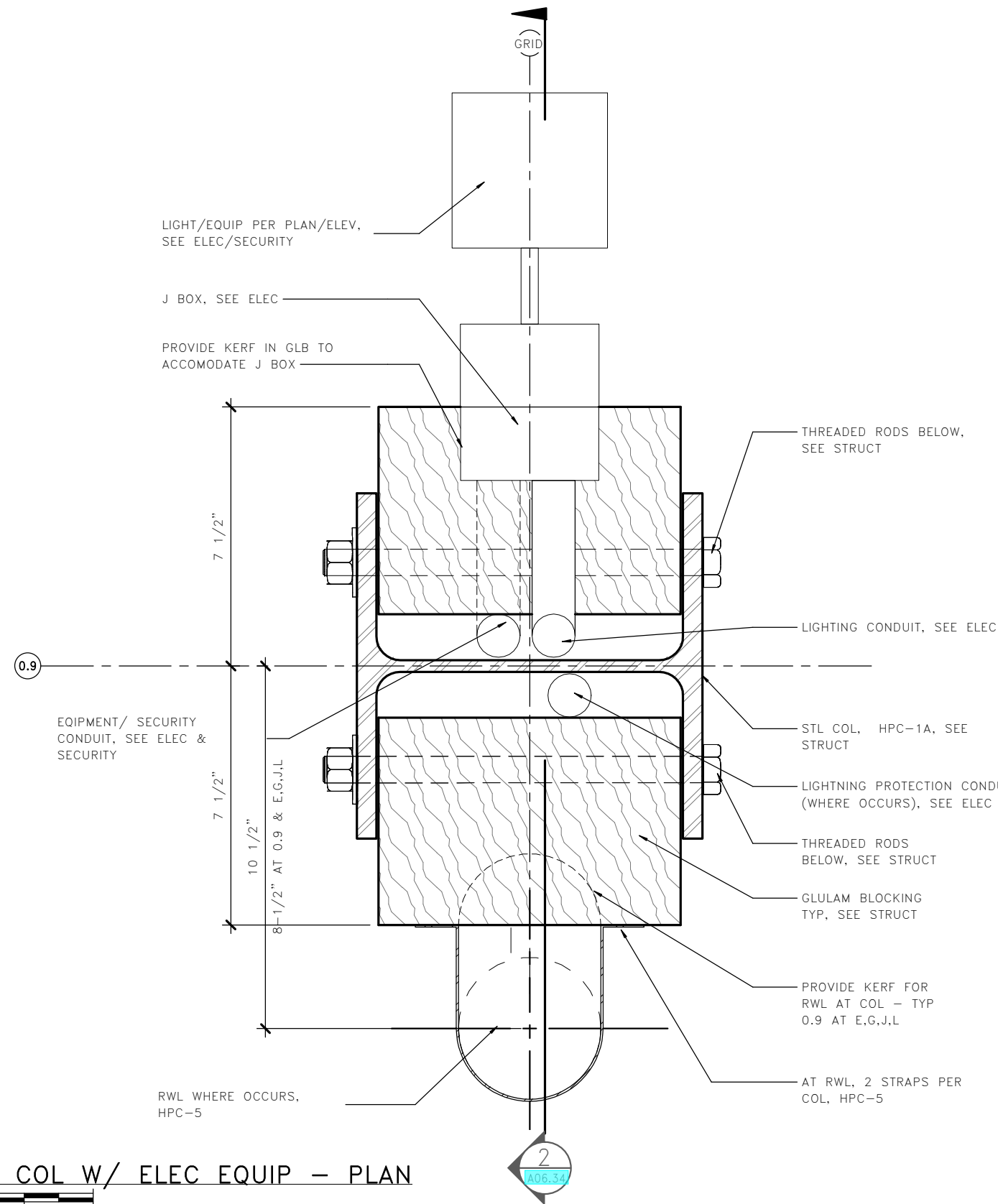


01/18/19
DATE

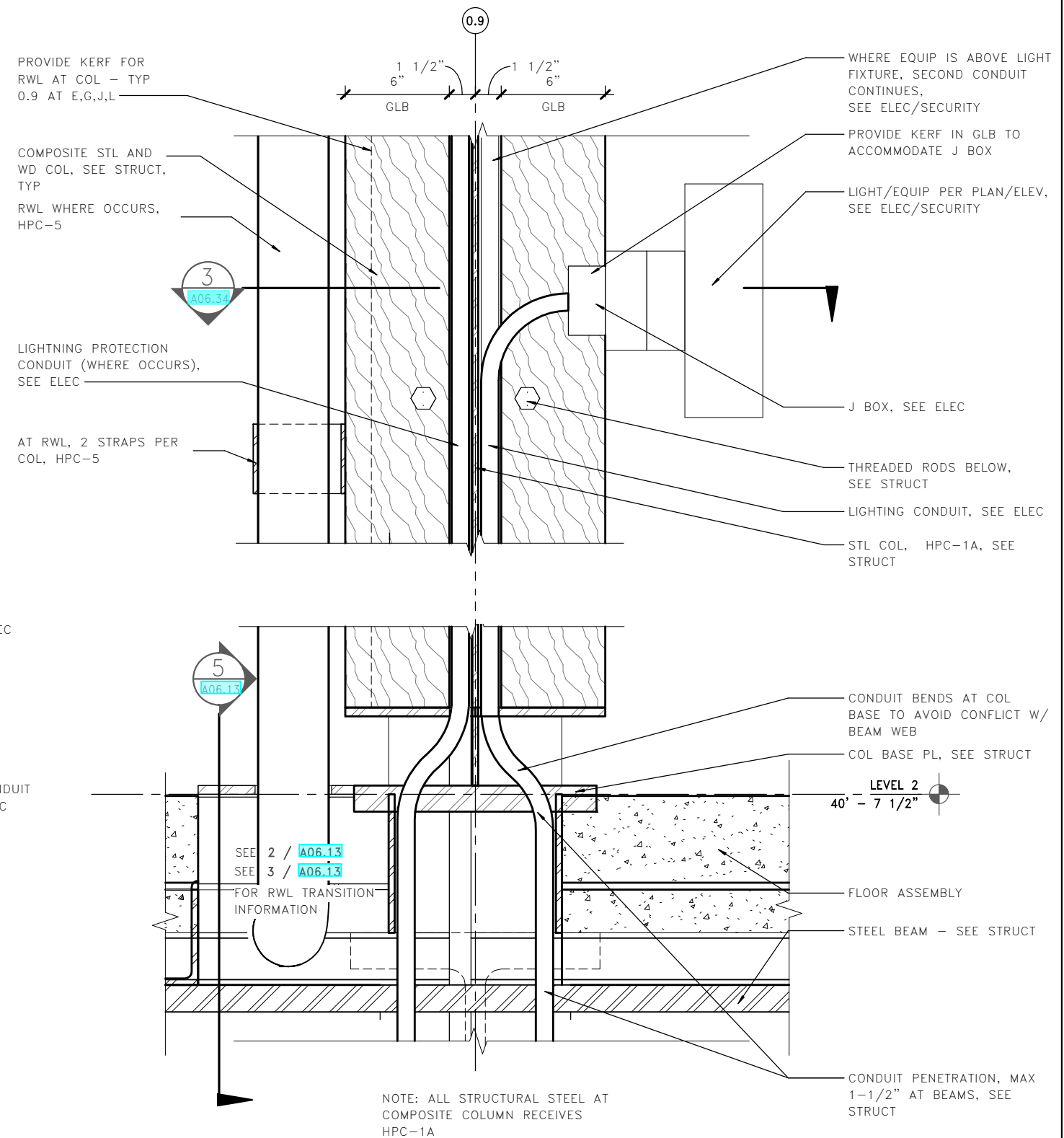


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EXTERIOR DETAILS - CW-2

A06.33
SHEET
1000
OF
1521
SHEETS



3 TYP COL W/ ELEC EQUIP - PLAN
A06.34
0 2" 4"
3" = 1'-0"



2 TYP COL W/ ELEC EQUIP - SECTION
A06.34
0 8" 16"
1 1/2" = 1'-0"

LMN

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ENTERED BY: G. BISHOP	01/18/2019				CONTRACT NO. 00****	
CHECKED BY: M. FISHER	01/18/2019					
MAR PROJ ENGR: C. TORRES		CONFORMED PLANS	01/18/19			
DGN ENGR MNGR: N. MCINTOSH		REVISION	DATE	BY		
ASST SECRETARY: A. SCARTON						

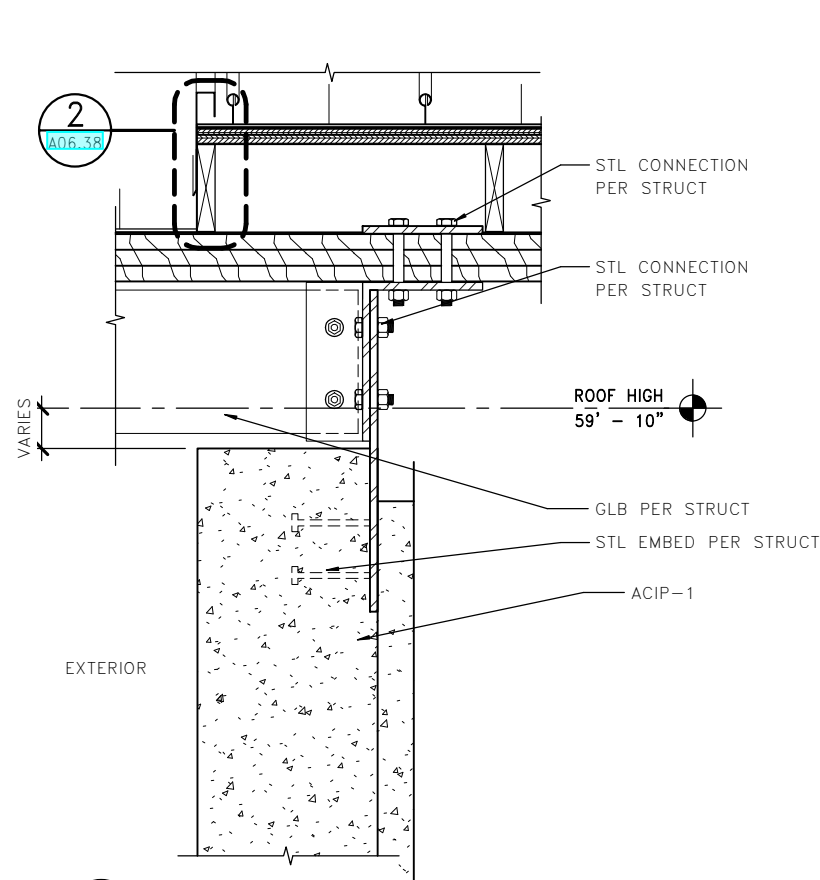


01/18/19

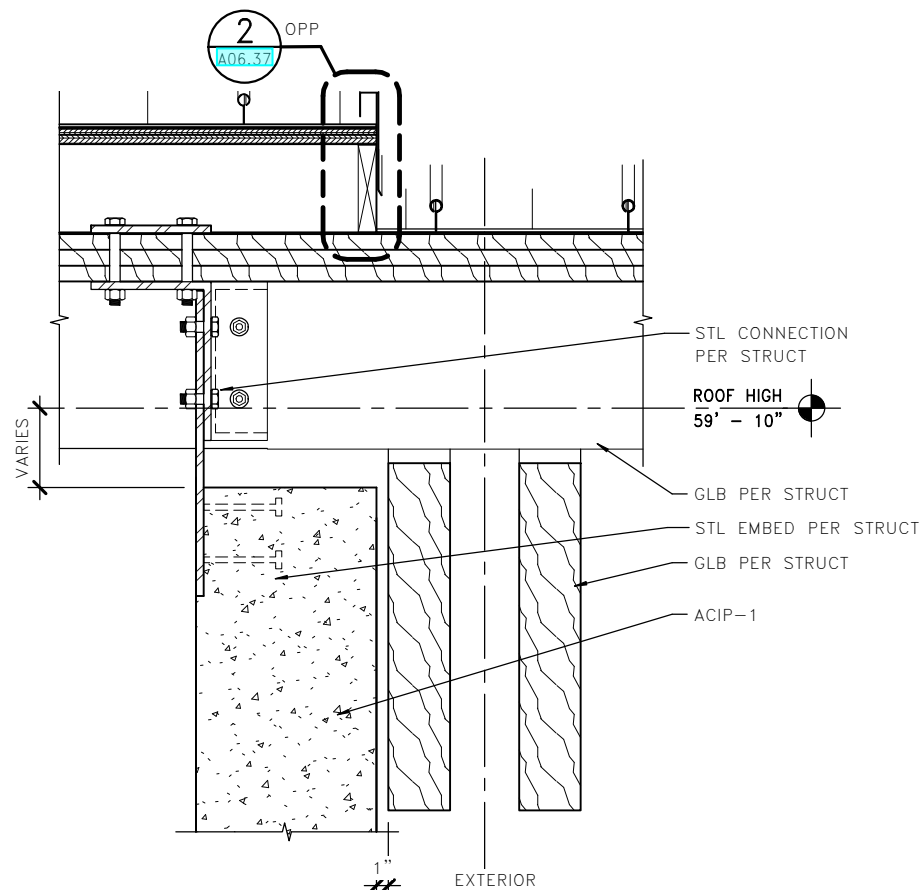


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - COLUMN DETAILS

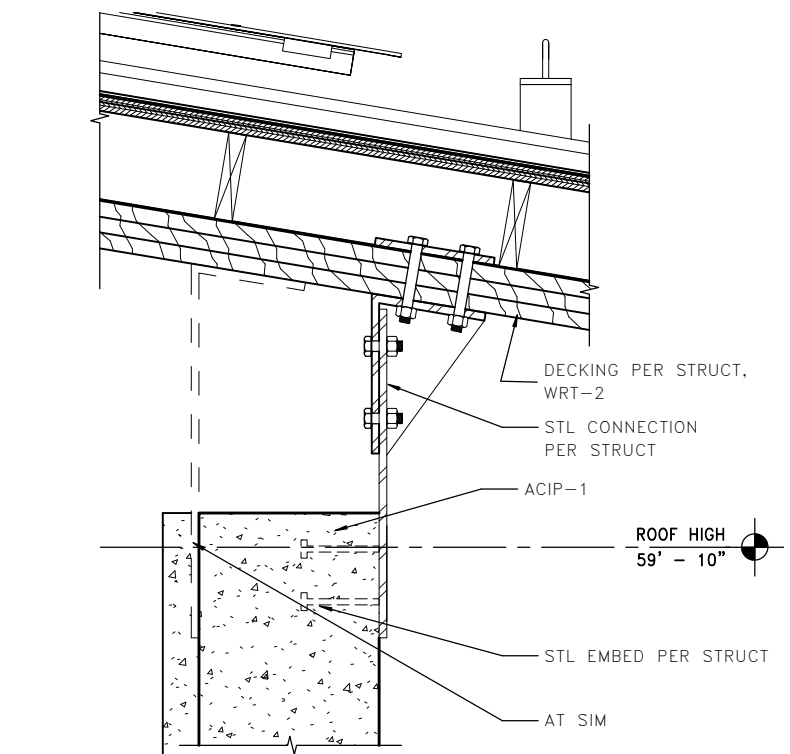
A06.34
SHEET
1001
OF
1521
SHEETS



1 DETAIL – TOP OF ACIP WALL AT ELEV
A06.35



2 DETAIL – TOP OF ACIP WALL AT ELEV
A06.35

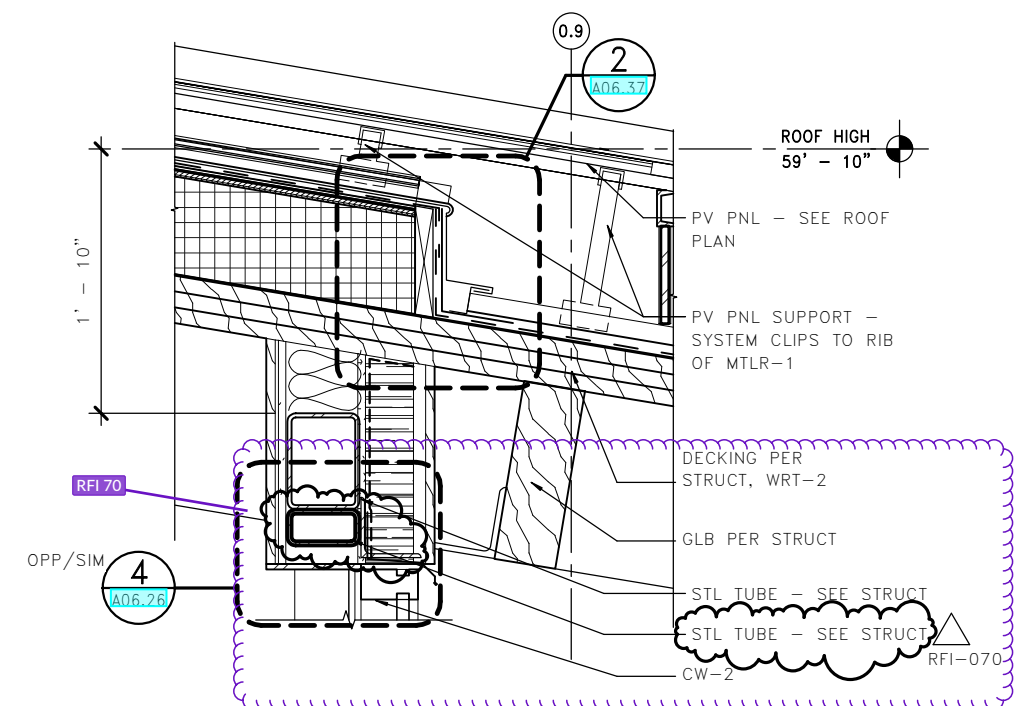


3 DETAIL – TOP OF ACIP WALL AT ELEV
A06.35

RFI 070 - HSS Elevation

The TOS elevations for the HSS 6x8x3/8 above the terminal bldg curtainwall is acceptable as suggested by ST Fab - 58'-0" along the south elevation and 62'-9 3/16" along the north elevation. See attached sheets A06.25, A06.26, A06.35 and structural sketches SK-12, 13 and 14 for revised details at these locations. (LMN)

See attached sketches SK-12 -- SK-14 for revised detailing at the north & side sides of the building.



6 EXTERIOR DETAIL – TOP OF CW-2 SOUTH
A06.35

LMN

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DESIGNED BY:	H. FITZPATRICK	01/18/2019	RFI 70		
ENTERED BY:	G. BISHOP	01/18/2019			
CHECKED BY:	M. FISHER	01/18/2019			
MAR PROJ ENGR:	C. TORRES		RFI-070	04/03/19	
DGN ENGR MNGR:	N. MCINTOSH		CONFORMED PLANS	04/18/19	
ASST SECRETARY:	A. SCARTON		REVISION	DATE	BY

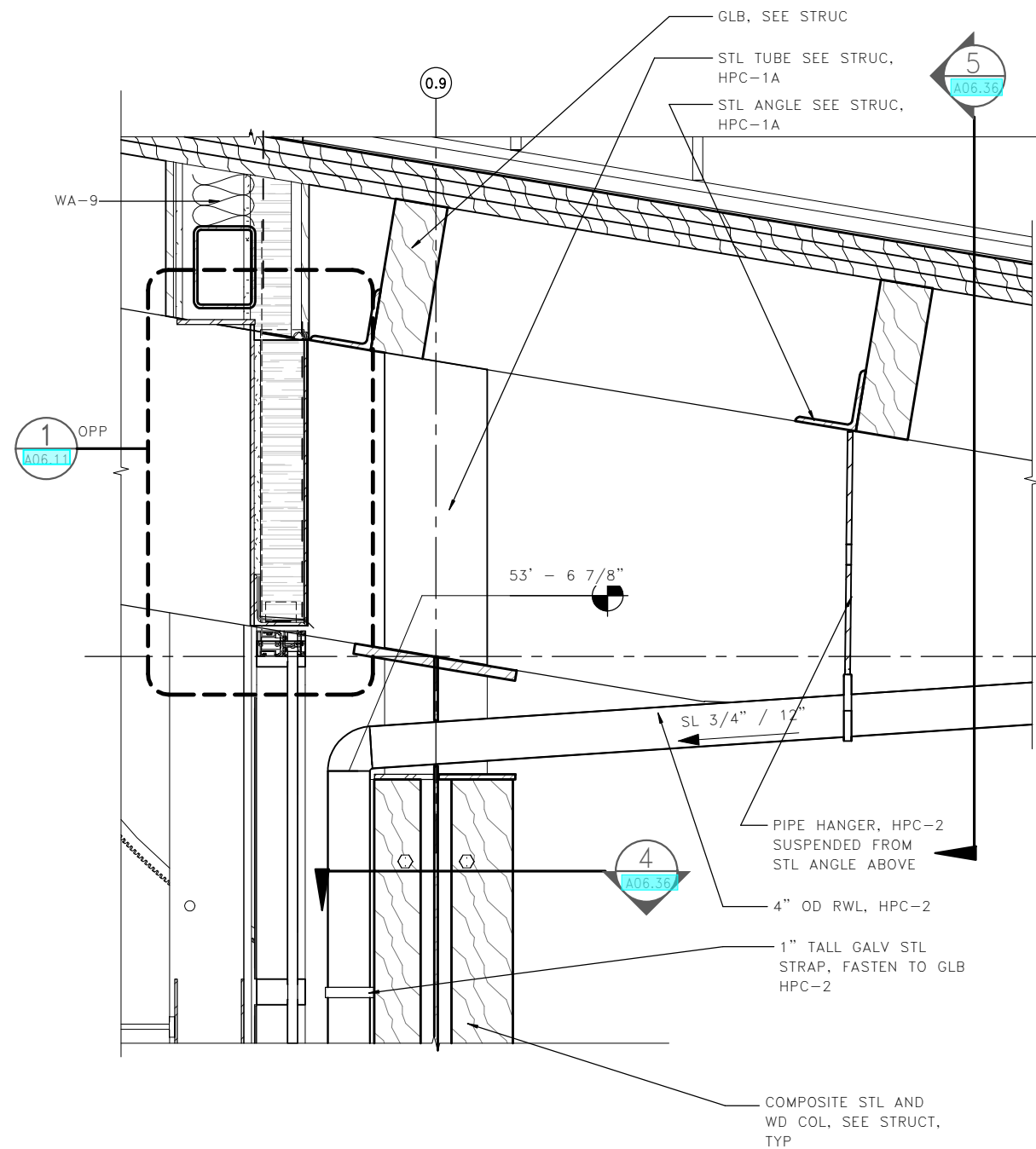
FED.AID PROJ.NO.	
WA-2017-007-00	
REGION NO.	STATE
10	WA
JOB NUMBER	
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CONTRACT NO.	
00****	

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01/18/19	DATE

Washington State	
Department of Transportation	
WASHINGTON STATE FERRIES	

SR 525	
MUKILTEO FERRY TERMINAL (PHASE 2)	
FERRY TERMINAL CONSTRUCTION	
TERMINAL – EXTERIOR DETAILS – ROOF	

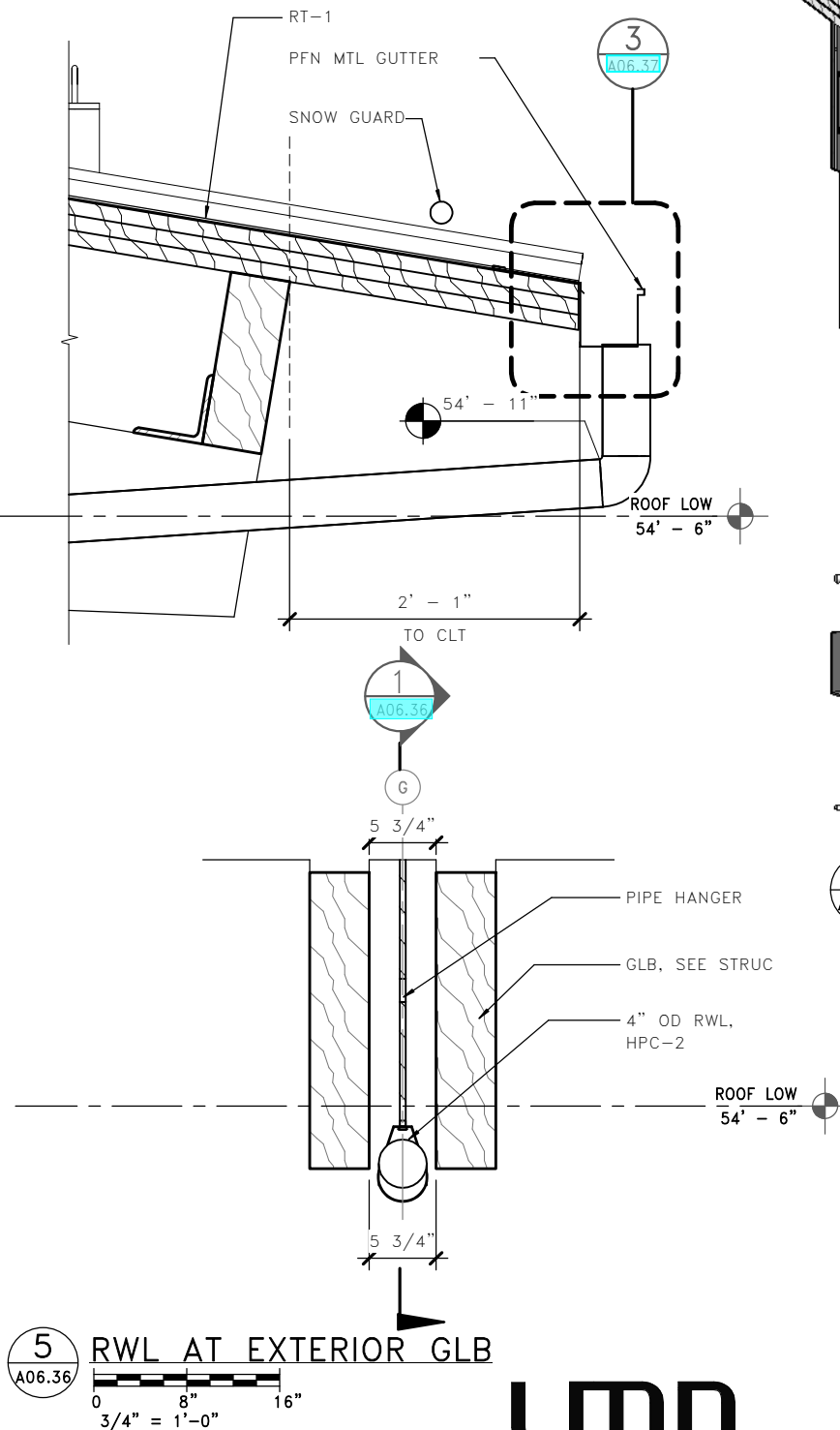
A06.35	
SHEET	
OF	
SHEETS	



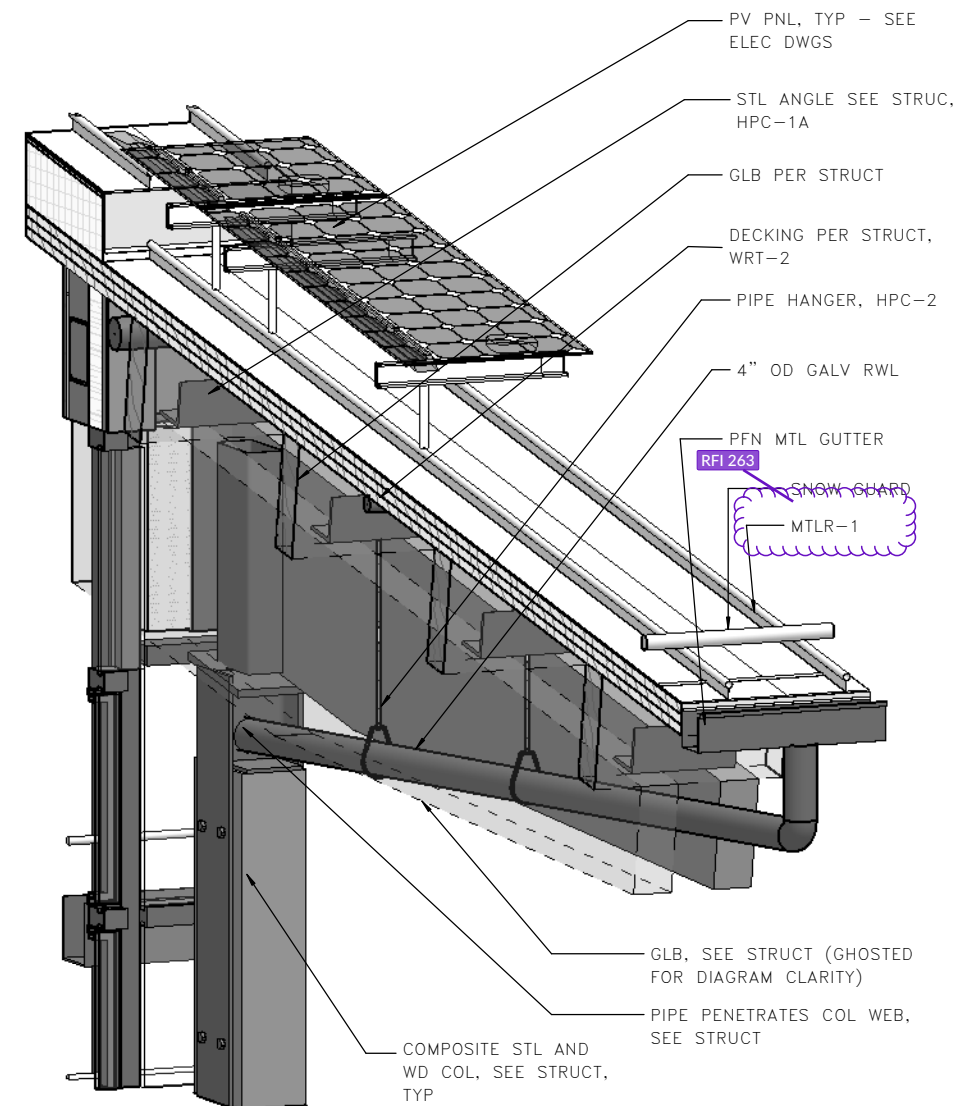
1 DETAIL AT EXTERIOR GLB - SOUTH
A06.36
0 8" 16"
3/4" = 1'-0"

RFI 263 - Roof Radius Solution

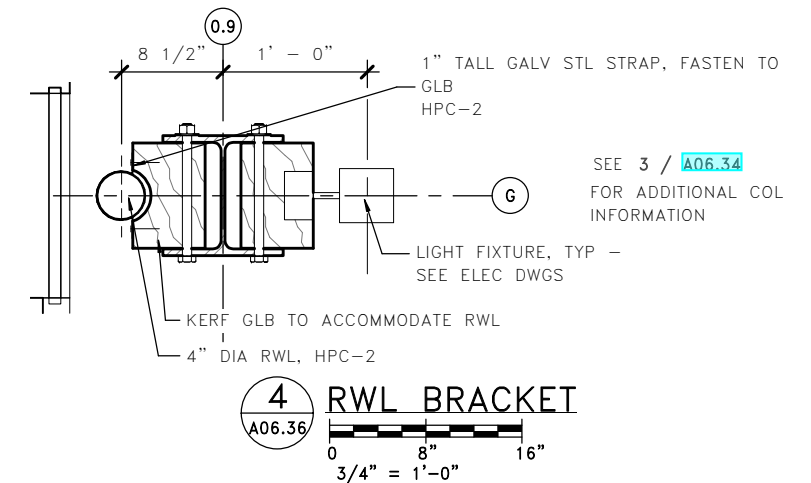
Acceptable only for RT-5 at 'MTLR-1 curved lay down' shown in 3/A6.38 (LMN).



3 RWL AT EXTERIOR GLB
A06.36
0 8" 16"
3/4" = 1'-0"



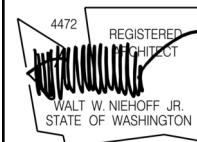
3 DIAGRAM @ TYP SOUTH COL W RWL
A06.36
UPPER STRAP



4 RWL BRACKET
A06.36
0 8" 16"
3/4" = 1'-0"

LMN

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ENTERED BY: G. BISHOP					JOB NUMBER 18W121	
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MAR PROJ ENGR: C. TORRES					CONFORMED PLANS	
DGN ENGR MNGR: N. MCINTOSH					01/18/19	
ASST SECRETARY: A. SCARTON					REVISION	
					DATE	
					BY	

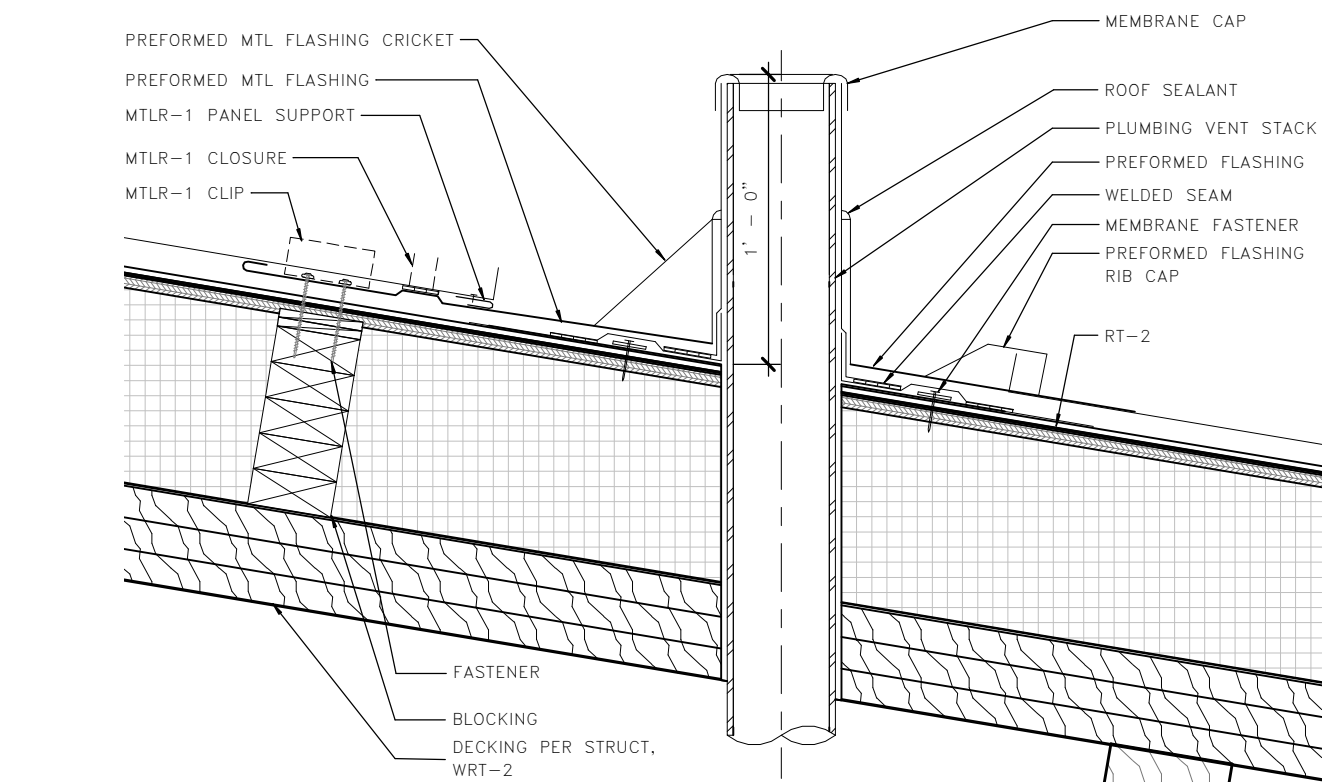


01/18/19

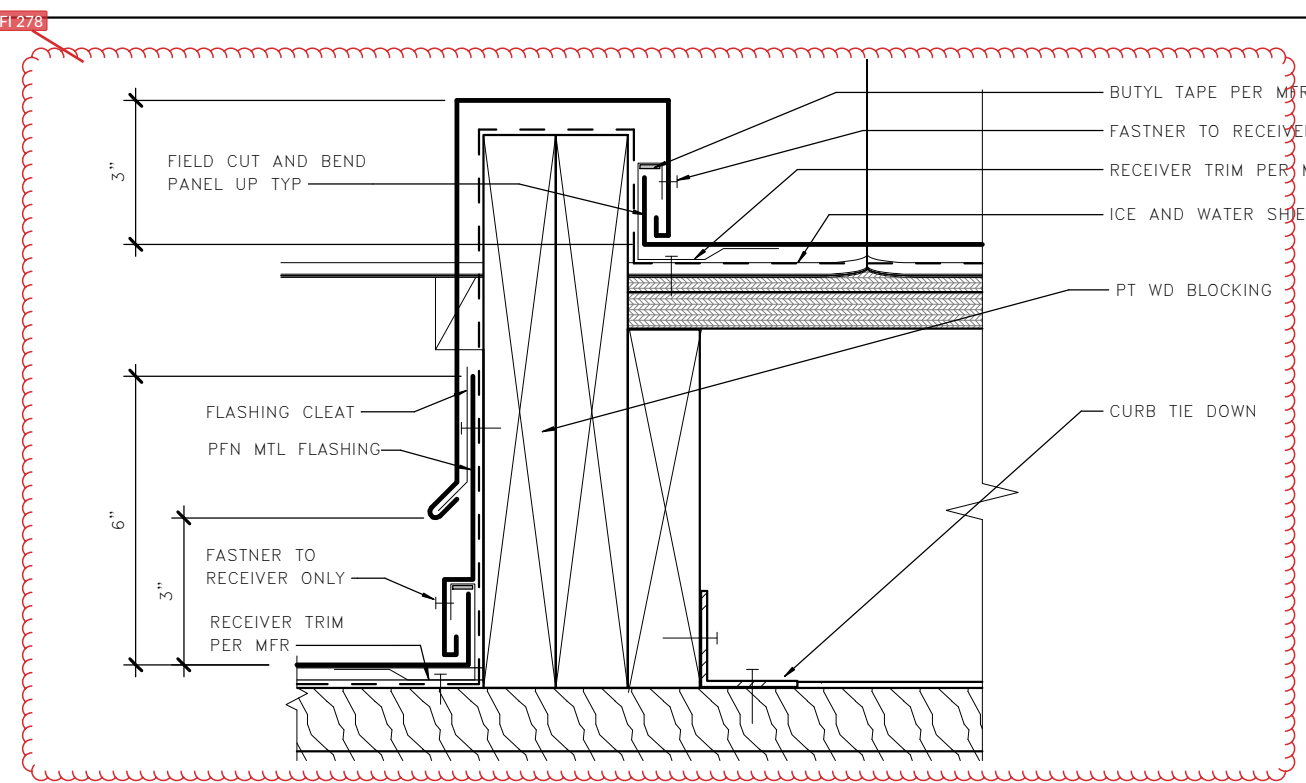


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EXTERIOR DETAILS - ROOF

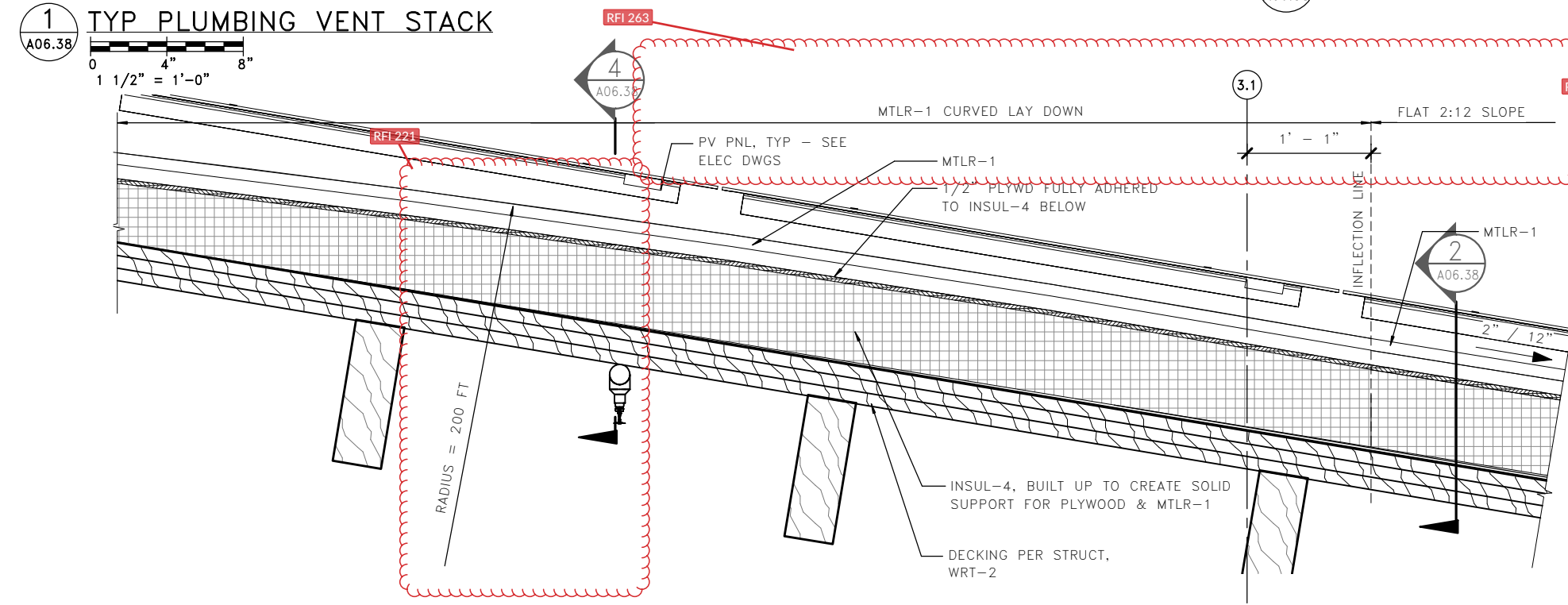
A06.36
SHEET
1003
OF
1521
SHEETS



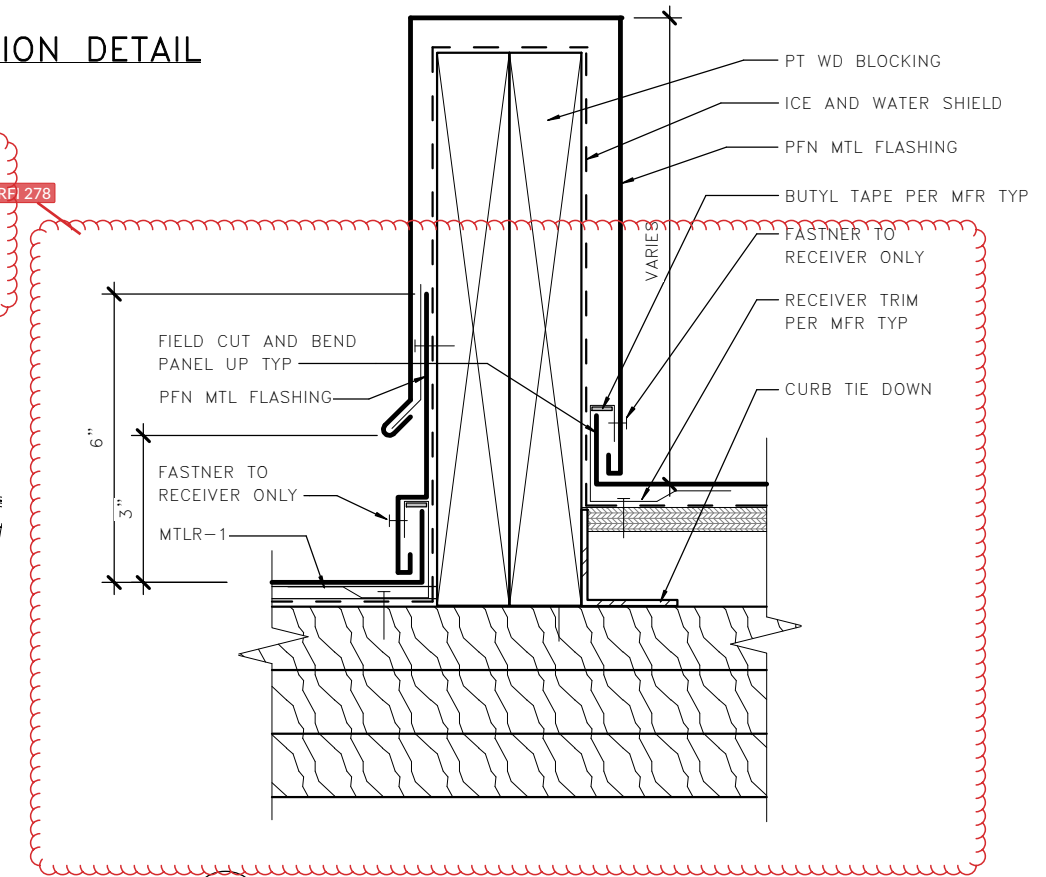
1 TYP PLUMBING VENT STACK
A06.38



2 MTLR-1 TRANSITION DETAIL
A06.38



3 MTLR-1 TRANSITION DETAIL
A06.38



4 MTLR-1 TRANSITION DETAIL
A06.38



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ENTERED BY: G. BISHOP	01/18/2019		JOB NUMBER 18W121
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MAR PROJ ENGR: C. TORRES			
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19
ASST SECRETARY: A. SCARTON		REVISION	DATE BY

4472 REGISTERED ARCHITECT
WALT W. NIEHOFF JR.
STATE OF WASHINGTON

01/18/19

Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

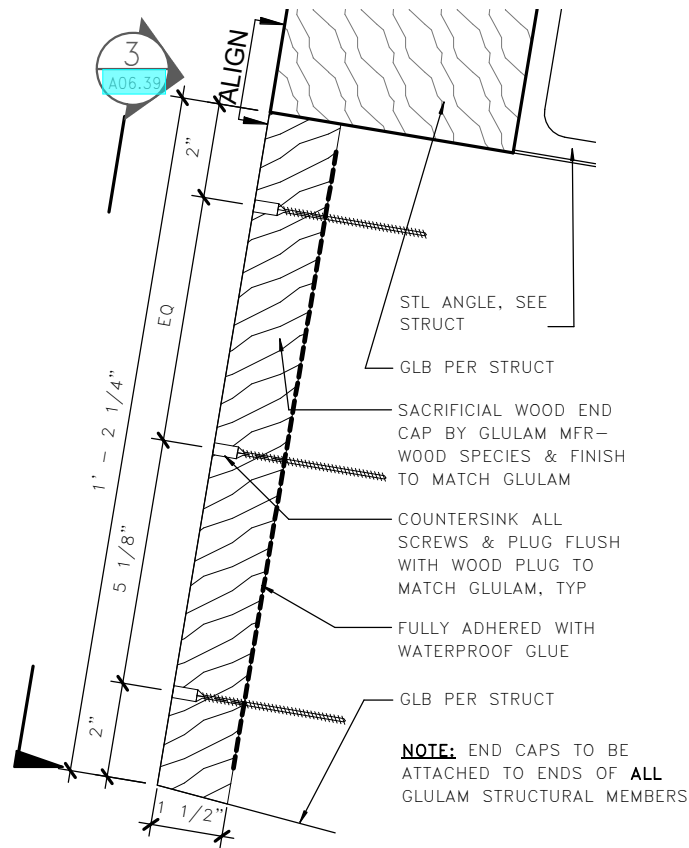
TERMINAL - EXTERIOR DETAILS - ROOF

A06.38

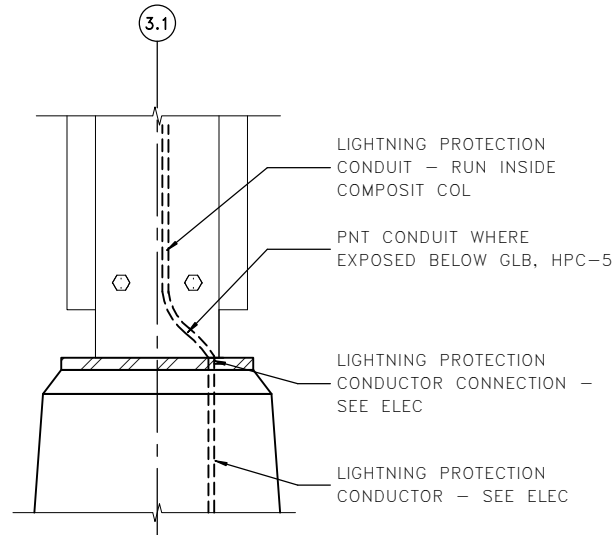
SHEET
1005
OF
1521
SHEETS

A06.38

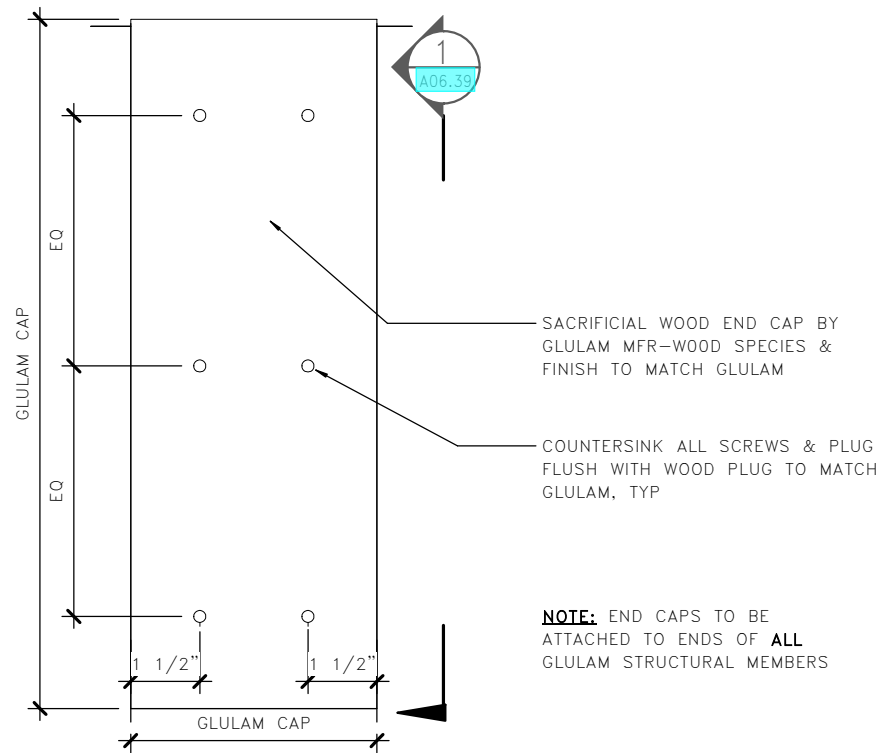
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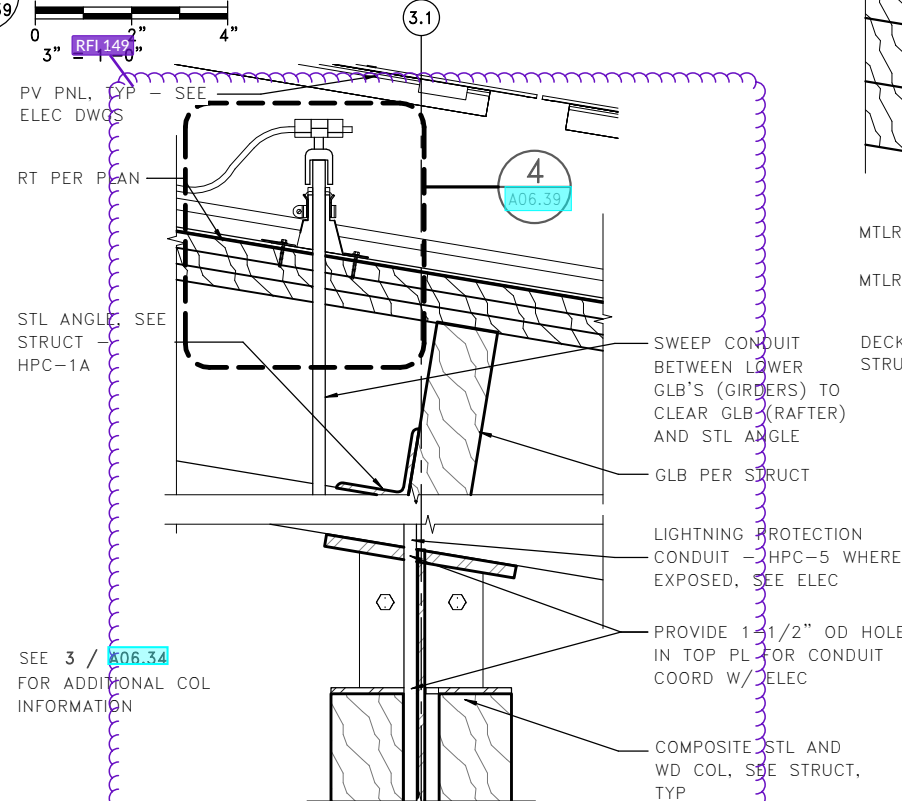
1 GLULAM BEAMS-ENDCAP SECTION
A06.39
3" = 1'-0"



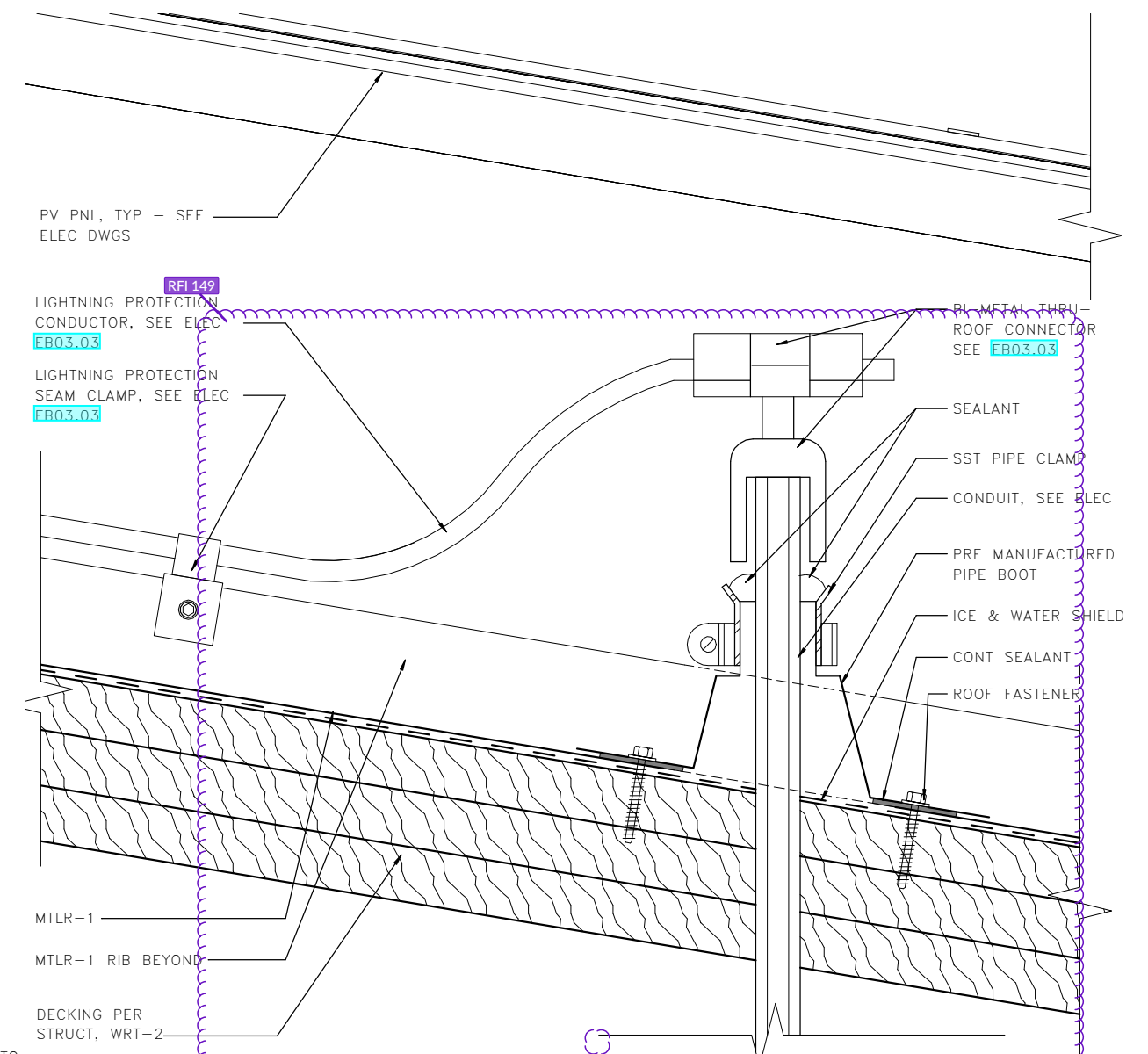
5 COL BASE - LIGHTNING PROTECTION
A06.39
3/4" = 1'-0"



3 GLULAM BEAM-ENDCAP ELEVATION
A06.39



6 ROOF - LIGHTNING PROT AT COL
A06.39
3/4" = 1'-0"



4 ROOF - LIGHTNING PROTECTION DETAIL
A06.39
3" = 1'-0"

LMN

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MAR PROJ ENGR:	C. TORRES
DGN ENGR MNGR:	N. MCINTOSH
ASST SECRETARY:	A. SCARTON

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REGION NO.	10
STATE	WA
JOB NUMBER	18W121
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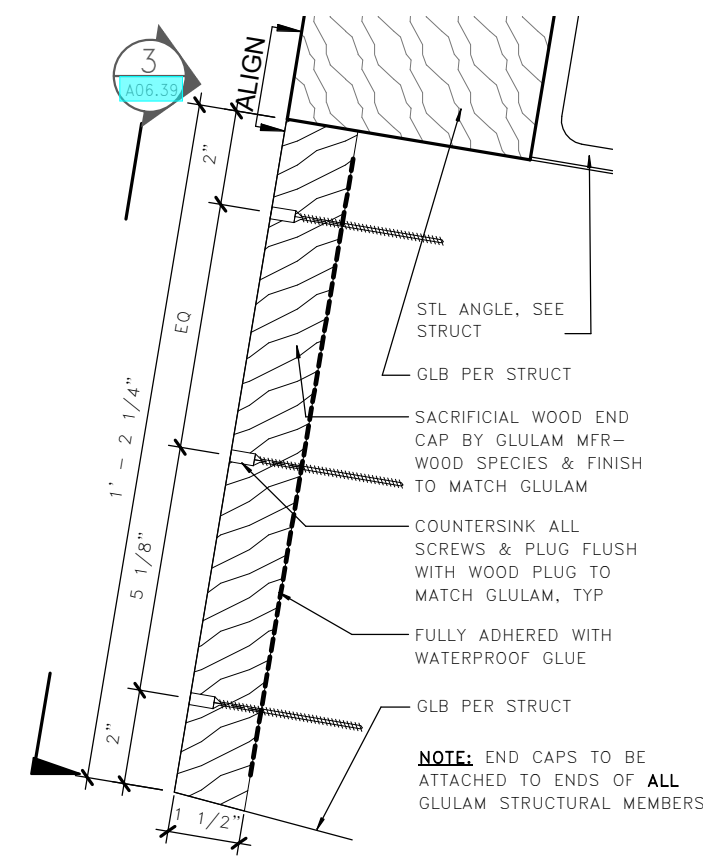
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4472 REGISTERED ARCHITECT	WALT W. NIEHOFF JR. STATE OF WASHINGTON
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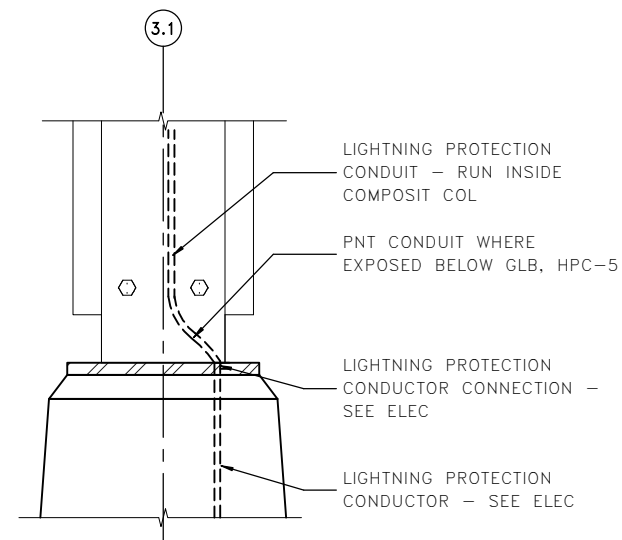
Washington State Department of Transportation	WASHINGTON STATE FERRIES
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SR 525	MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION	TERMINAL - EXTERIOR DETAILS - ROOF

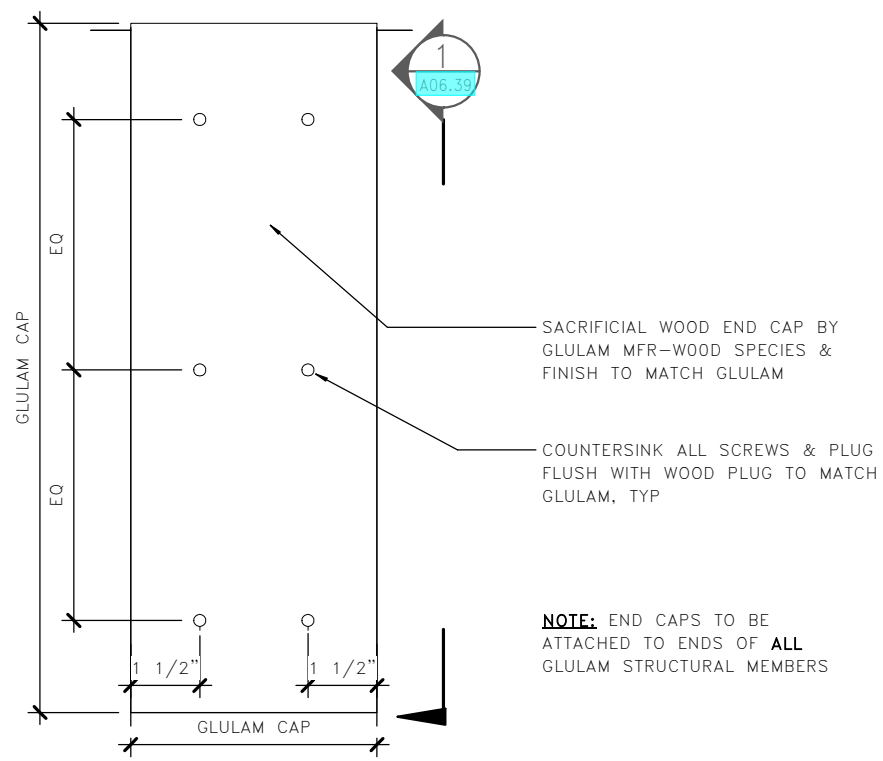
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SHEET 1006 OF 1521 SHEETS



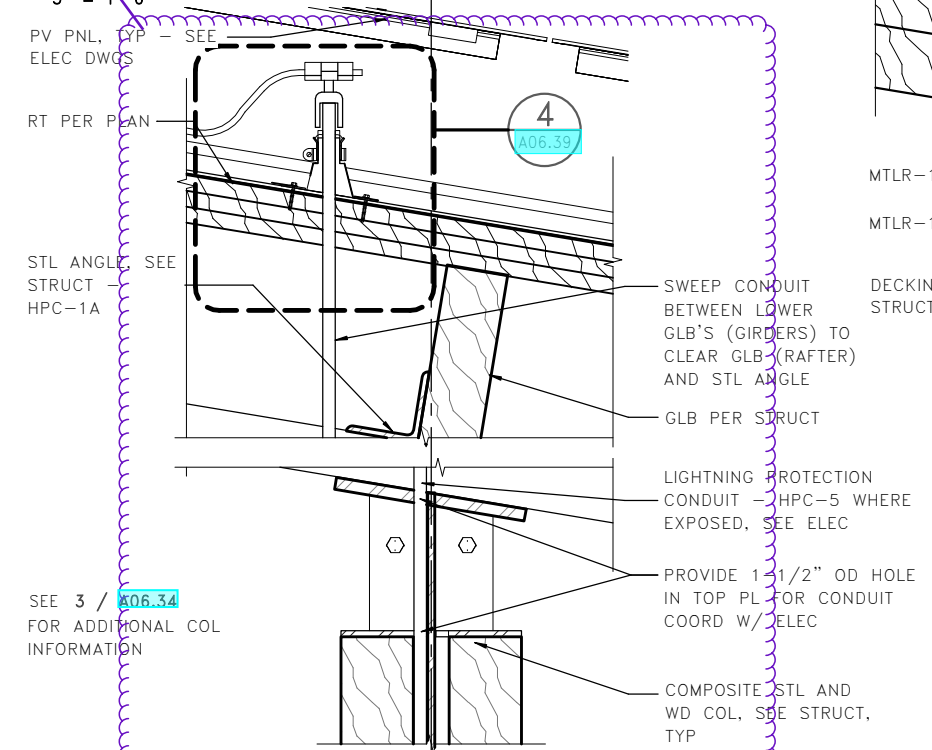
1 GLULAM BEAMS-ENDCAP SECTION
A06.39
0 2" 4"
3" = 1'-0"



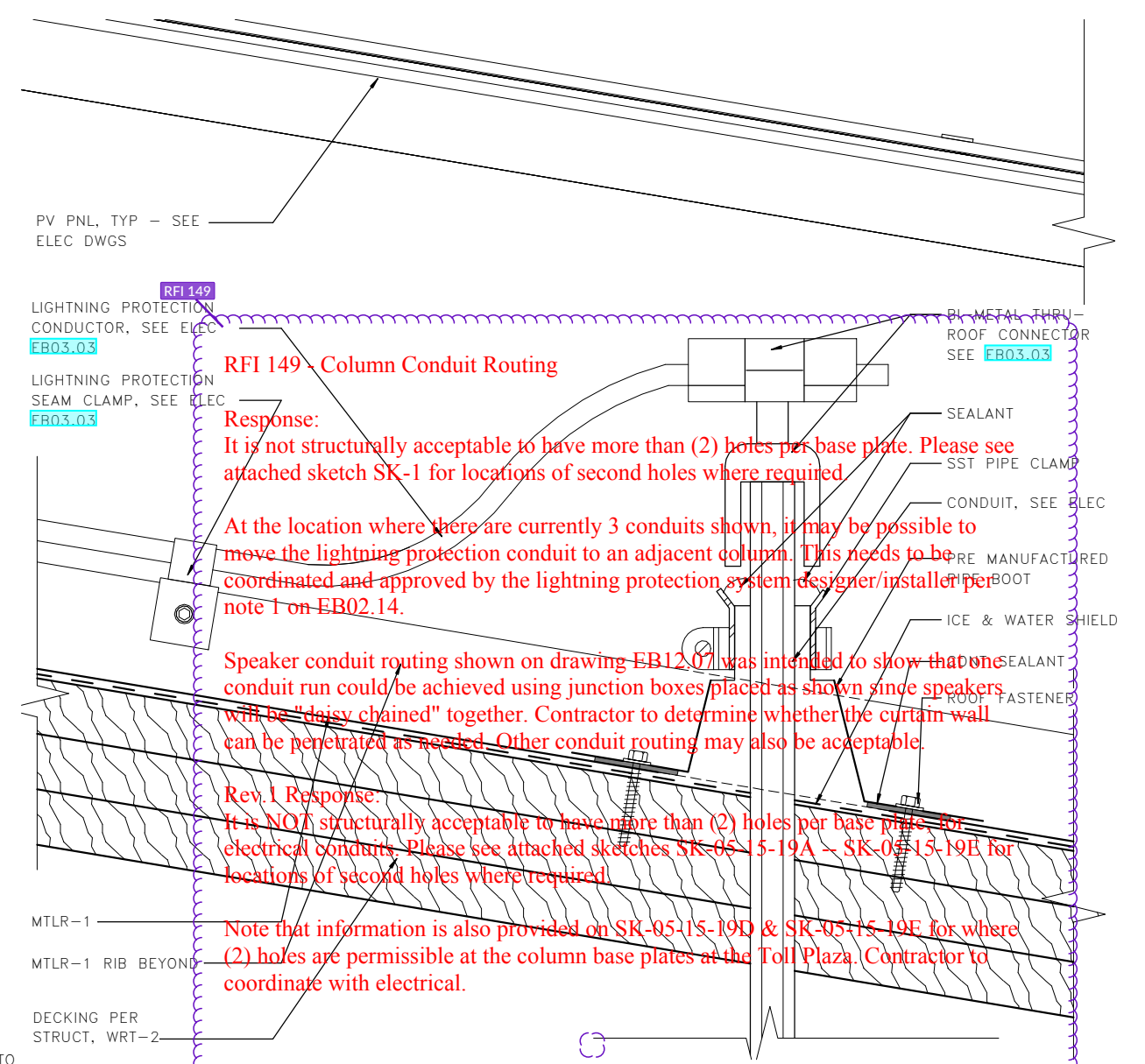
5 COL BASE - LIGHTNING PROTECTION
A06.39
0 8" 16"
3/4" = 1'-0"



3 GLULAM BEAM-ENDCAP ELEVATION
A06.39
0 2" 4"
3" = 1'-0"



4 ROOF - LIGHTNING PROT AT COL
A06.39
0 8" 16"
3/4" = 1'-0"



4 ROOF - LIGHTNING PROTECTION DETAIL
A06.39
0 2" 4"
3" = 1'-0"

LMN

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ENTERED BY: G. BISHOP	01/18/2019				CONTRACT NO. 00****	
CHECKED BY: M. FISHER	01/18/2019					
MAR PROJ ENGR: C. TORRES						
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19			
ASST SECRETARY: A. SCARTON		REVISION	DATE	BY		

4472
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WALT W. NIEHOFF JR.
STATE OF WASHINGTON

01/18/19

DATE

Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

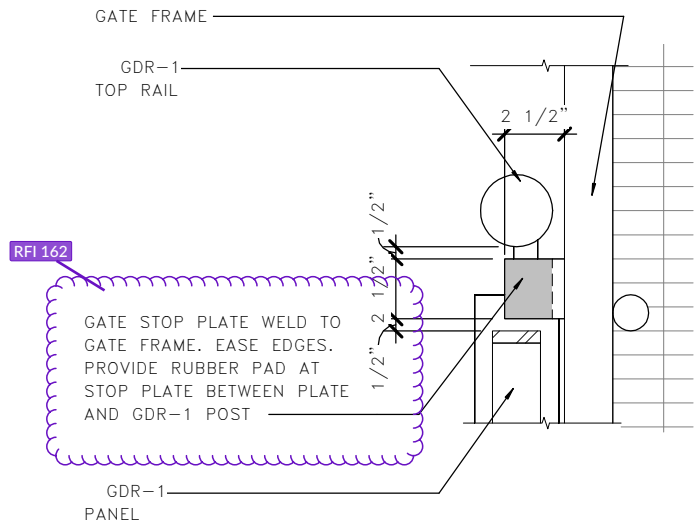
TERMINAL - EXTERIOR DETAILS - ROOF

A06.39

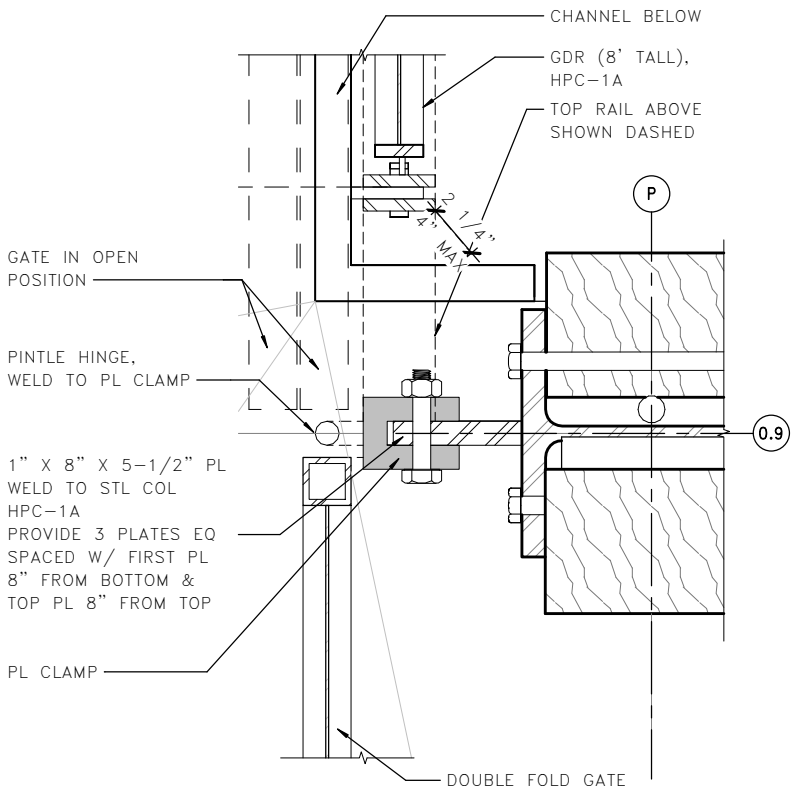
SHEET
1006
OF
1521
SHEETS

GATE SCHEDULE

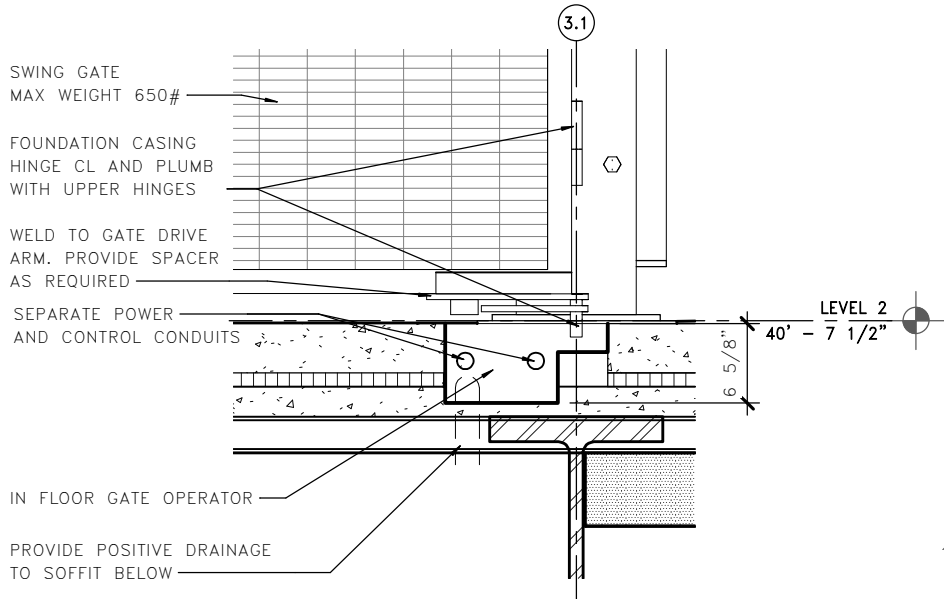
MARK	LEVEL	TYPE	RANGE OF OPERATION	WIDTH	Height	THICKNESS	FR. MATERIAL	FR. FINISH	PANEL MATERIAL	PANEL FINISH	HINGE	Operation	Comments
G111	TRESTLE	SWING GATE.	90° OPEN	16' - 0"	5' - 0"	2 1/2"	STL	HPC-3	WWM-1	PWDR CTG-1		AUTOMATIC	
G201	LEVEL 2	Single Swing Gate_90	93° OPEN	11' - 1 1/8"	8' - 0"	2"	ALU	PVDF-1	WWM-1	PWDR CTG-1	INLINE	AUTOMATIC	
G202	LEVEL 2	Single Swing Gate_90	93° OPEN	11' - 1 1/8"	8' - 0"	2"	ALU	PVDF-1	WWM-1	PWDR CTG-1	INLINE	AUTOMATIC	
G203	LEVEL 2	DOUBLE FOLD	180° DOUBLE FOLD	11' - 1"	8' - 0"	2"	ALU	PVDF-1	WWM-1	PWDR CTG-1		MANUAL	
G204	LEVEL 2	STAIR GATE	90° OPEN	4' - 3"	2' - 7 1/2"	2"	ALU	PVDF-1	WWM-1	PWDR CTG-1		MANUAL	



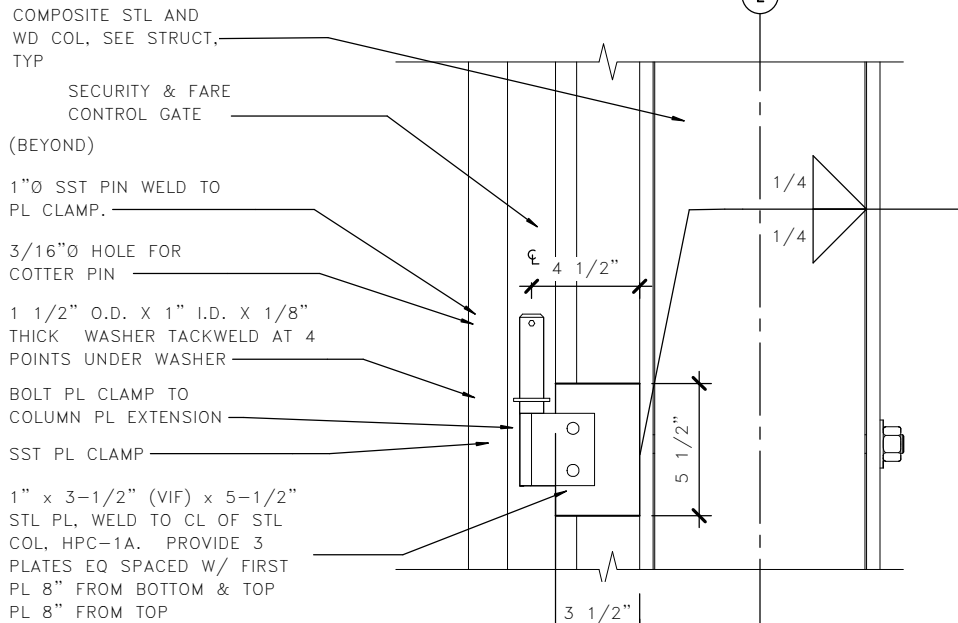
1 ELEVATION - STRIKE
A06.40
1 1/2" = 1'-0"



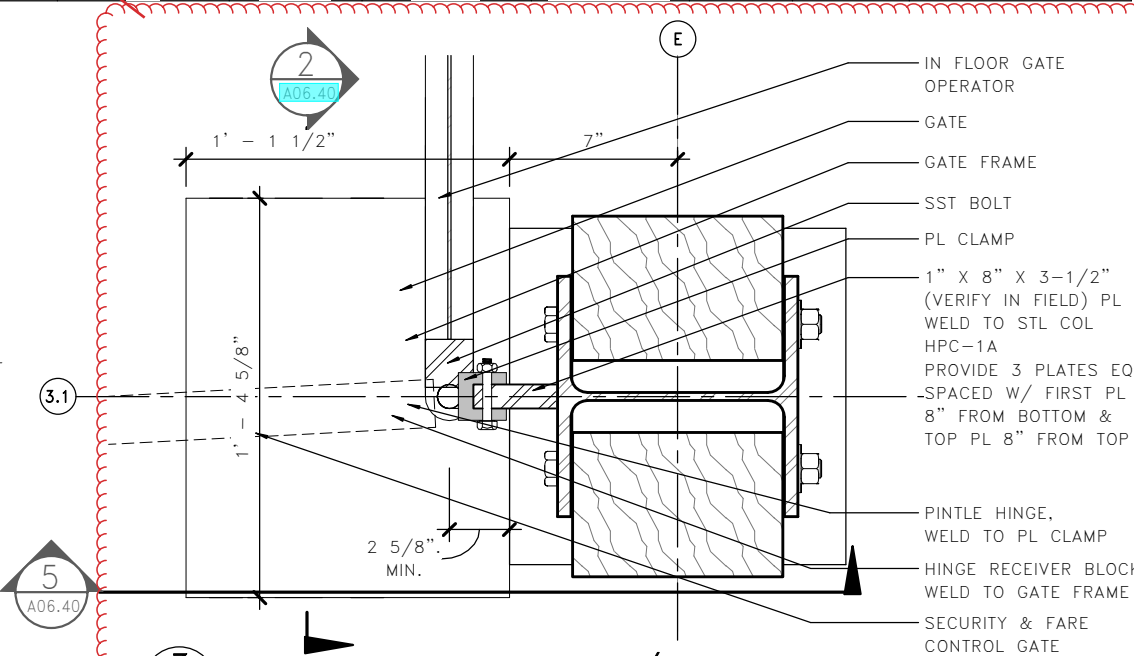
4 PLAN - OFFSET GATE HINGE
A06.40
1 1/2" = 1'-0"



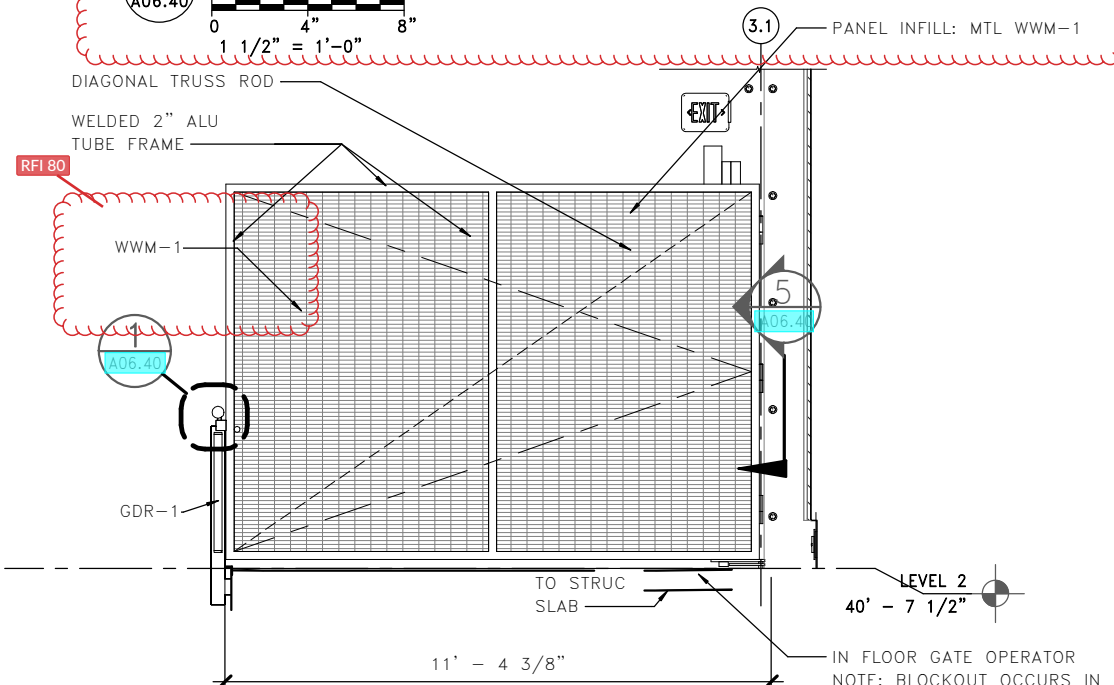
2 SECTION - IN FLOOR GATE OPERATOR
A06.40
3/4" = 1'-0"



5 ELEVATION - HINGE PINTLE
A06.40
1 1/2" = 1'-0"



3 PLAN - GATE HINGE / OPERATOR
A06.40
1 1/2" = 1'-0"



6 ELEVATION - GATE G201, G201
A06.40
1/4" = 1'-0"

FILE NAME:	PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90.rvt
PRINTED:	1/16/2019 2:09:29 PM
SUBMITTAL DATE:	01/18/2019
DESIGNED BY:	H. FITZPATRICK
ENTERED BY:	G. BISHOP
CHECKED BY:	M. FISHER
MAR PROJ ENGR:	C. TORRES
DGN ENGR MNGR:	N. MCINTOSH
ASST SECRETARY:	A. SCARTON

LAST PRINTED BY:	MGREENSHIELDS
01/18/2019	
01/18/2019	
01/18/2019	

CONFORMED PLANS

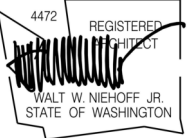
01/18/19

DATE

BY

00****

FED.AID PROJ.NO.	WA-2017-007-00
REGION NO.	10
STATE	WA
JOB NUMBER	18W121
CONTRACT NO.	00****

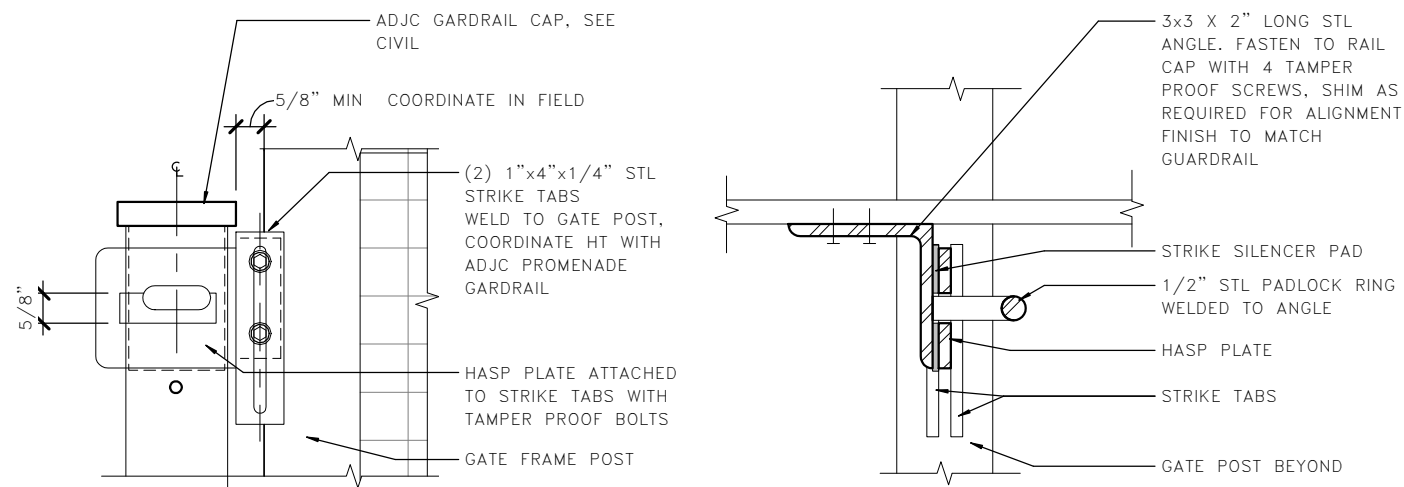


01/18/19

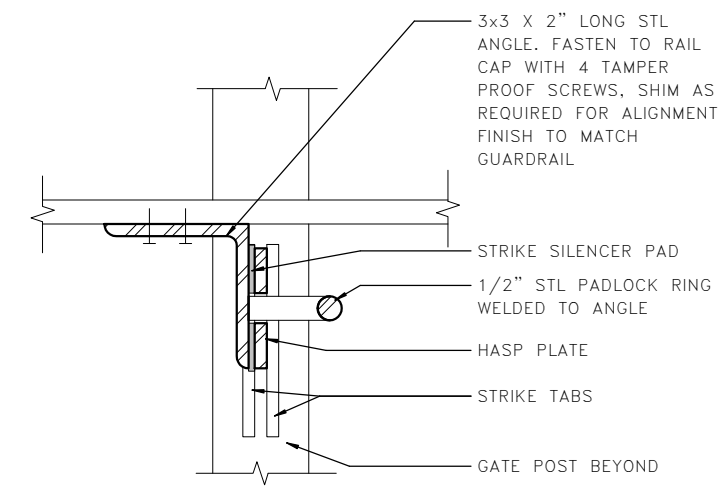


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
TERMINAL - EXTERIOR DETAILS -GATES

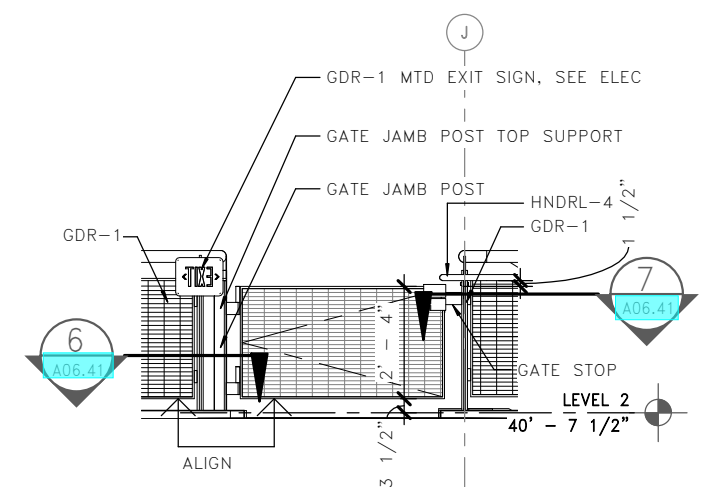
A06.40
SHEET
1007
OF
1521
SHEETS



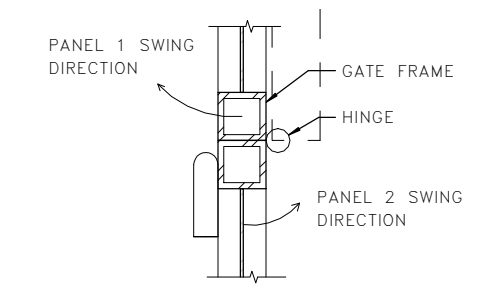
1 GATE 111 STRIKE – ELEVATION
 A06.41 0 2 4
 3" = 1'-0"



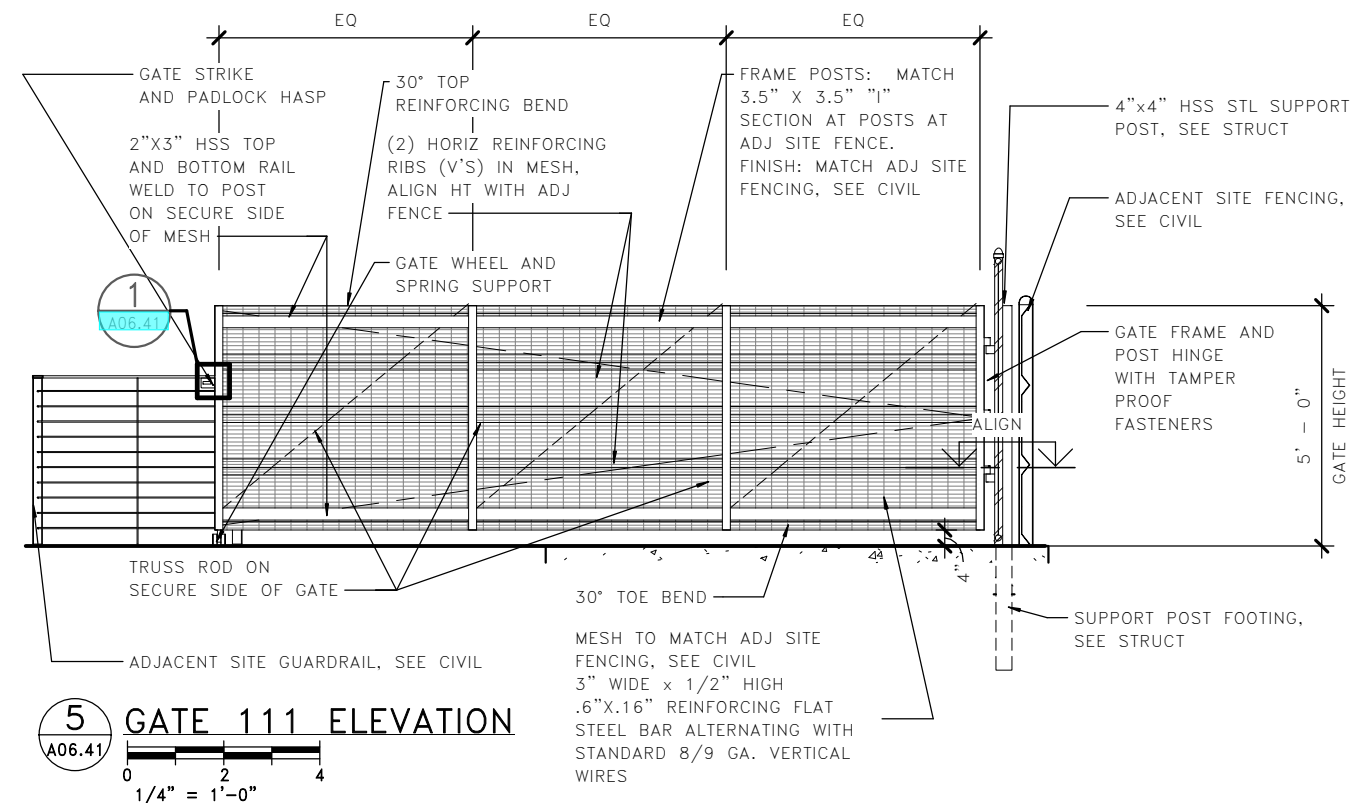
2 GATE 111 STRIKE – SECTION
 A06.41 0 2 4
 3" = 1'-0"



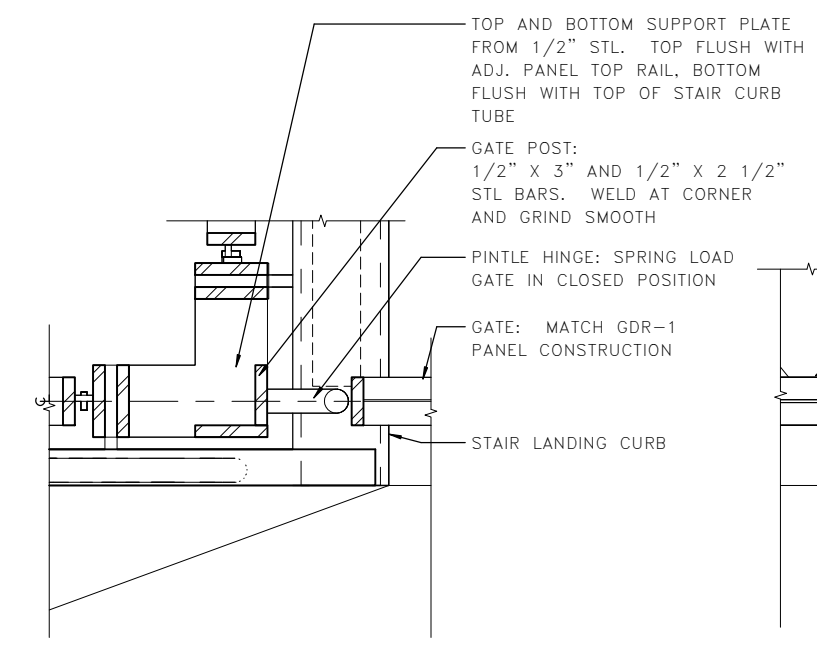
3 ELEVATION – GATE G204
 A06.41 0 2 4
 1/4" = 1'-0"



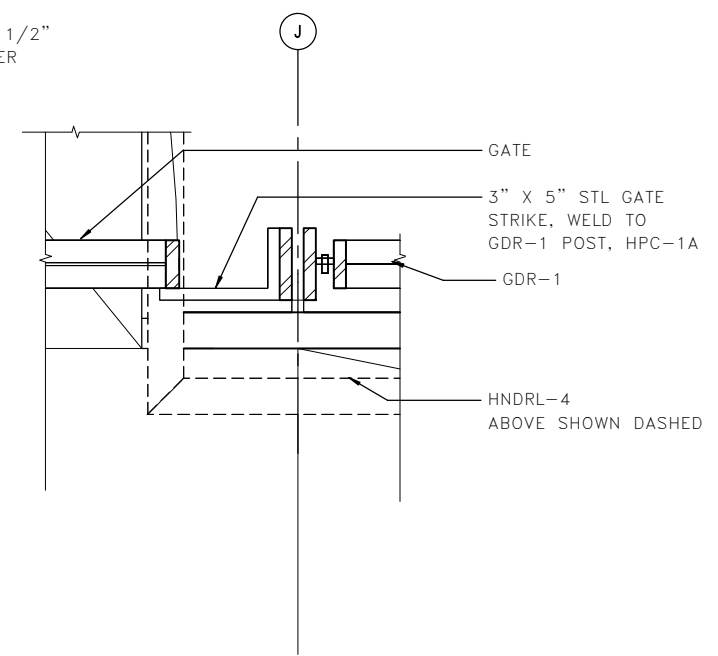
4 DOUBLE FOLD CENTER GATE HINGE
 A06.41 0 4 8
 1 1/2" = 1'-0"



5 GATE 111 ELEVATION
 A06.41 0 2 4
 1/4" = 1'-0"



6 GATE G204 HINGE
 A06.41 0 4 8
 1 1/2" = 1'-0"



7 GATE G204 STRIKE
 A06.41 0 4 8
 1 1/2" = 1'-0"

LMN

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SUBMITTAL DATE: 01/18/2019	01/18/2019			WA-2017-007-00
DESIGNED BY: H. FITZPATRICK	01/18/2019			REGION NO. STATE
ENTERED BY: G. BISHOP	01/18/2019			10 WA
CHECKED BY: M. FISHER	01/18/2019			JOB NUMBER
MAR PROJ ENGR: C. TORRES				18W121
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19	CONTRACT NO.
ASST SECRETARY: A. SCARTON		REVISION	DATE	00****

4472 REGISTERED PROFESSIONAL ENGINEER
WALT W. NIEHOFF JR.
STATE OF WASHINGTON

DATE

01/18/19

DATE

Washington State
Department of Transportation
 WASHINGTON STATE FERRIES

SR 525

MUKILTEO FERRY TERMINAL (PHASE 2)

FERRY TERMINAL CONSTRUCTION

TERMINAL – EXTERIOR DETAILS –GATES

A06.41

SHEET

1008

OF

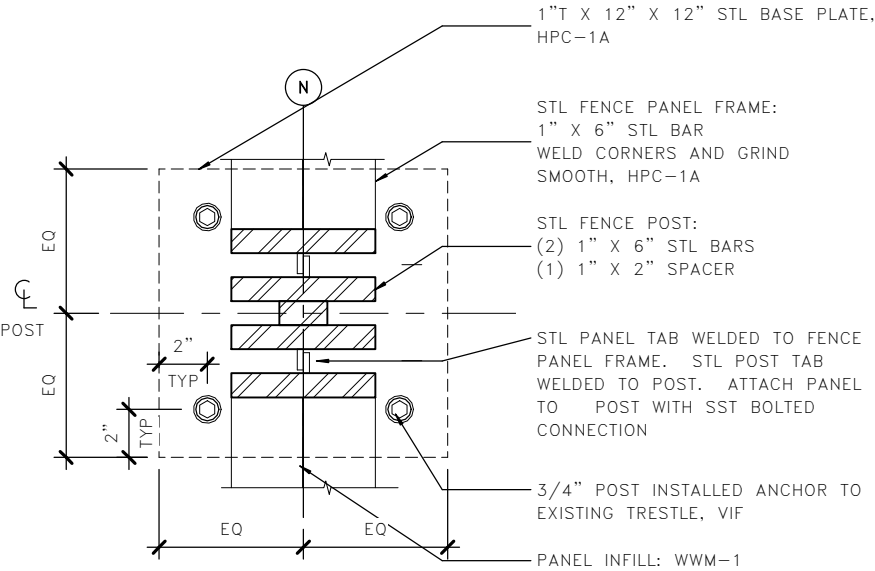
1521

SHEETS

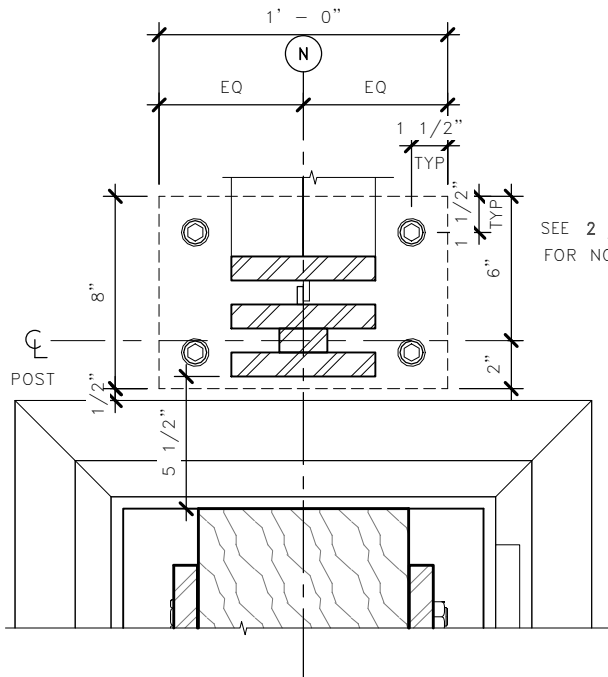
RFI 559 - Terminal Level 1 Turnstiles

- 1) Provide 96" Hayward HT431T powder coated black or approved equal with power and comm for future fare control system. Attach per manufacturer's recommendation.
- 2) Provide 42" ADA swing gate with power opener, push buttons, key lock, HPC-2 finish, and similar to Hayward HT336. An off the shelf 42" option does not seem to be available but would also be acceptable. The 48" option will not work with with the space and transition to the trestle. Three options for procurement are acceptable:

- 1) provide a 42" off the shelf gate and attach per manufacturer's recommendation
- 2) provide a special order option from Hayward or other gate manufacturer and and attach per manufacturer's recommendation
- 3) Submit ADA gate design as deferred submittal in accordance with the project specifications designed by a professional engineer. Include foundation requirements.
- 3) Extend concrete sidewalk to 6" west of Turnstile edge;

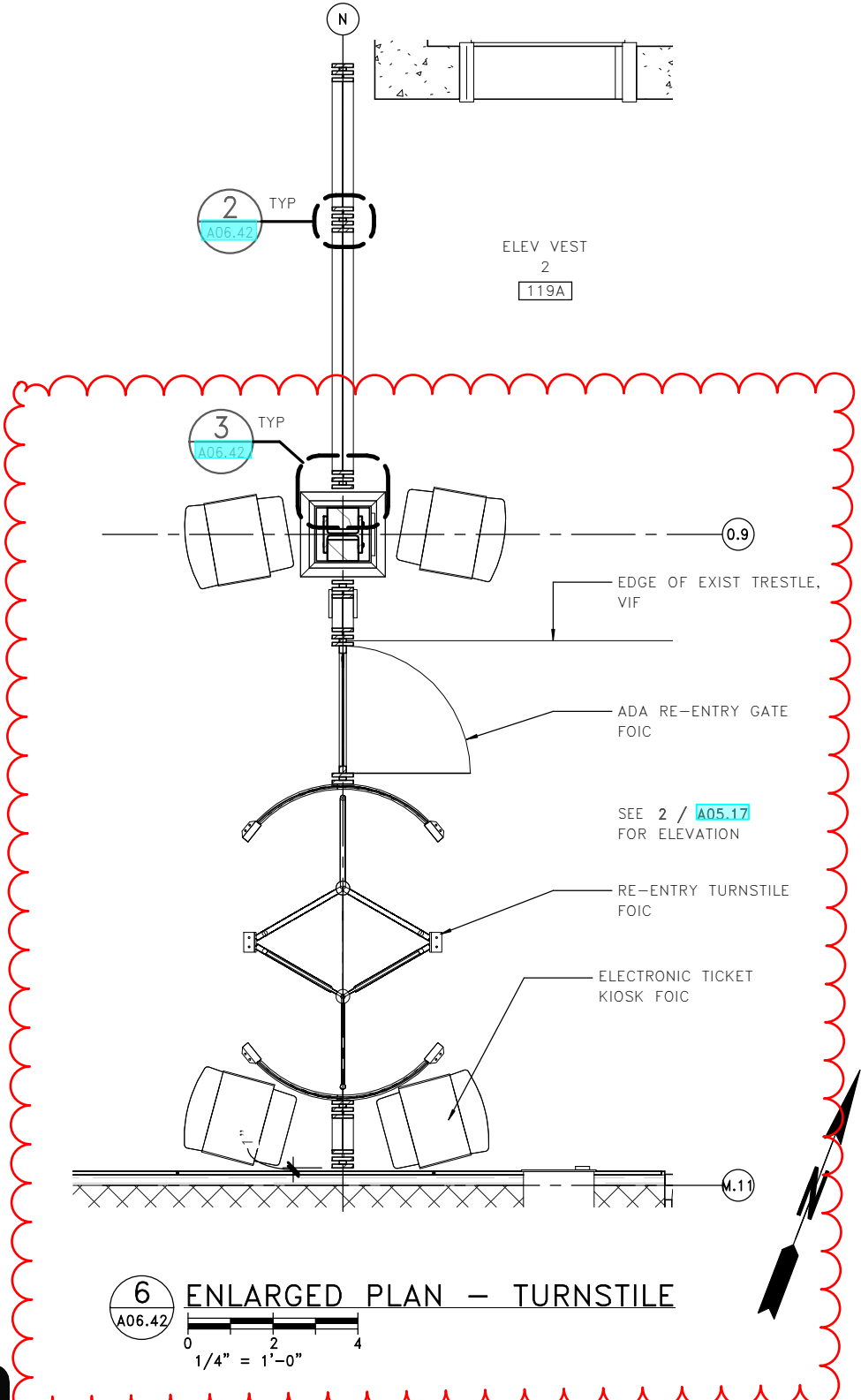


2 PLAN - TYP POST



3 PLAN - SUPPORT AT COL

NOTE:
1. TURNSTILE, KIOSKS AND ADA SWING GATE ARE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR.

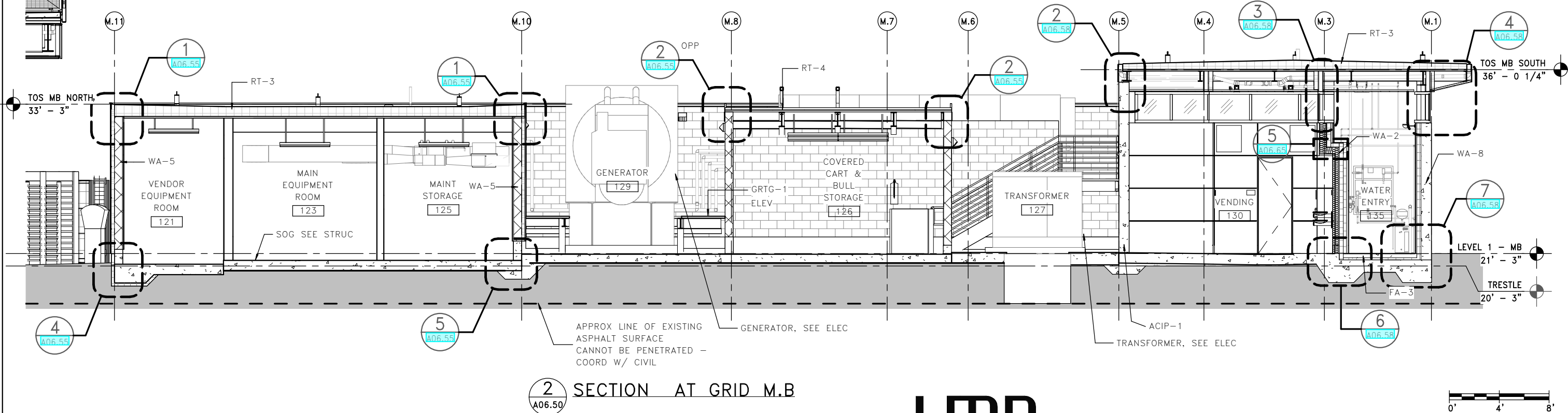
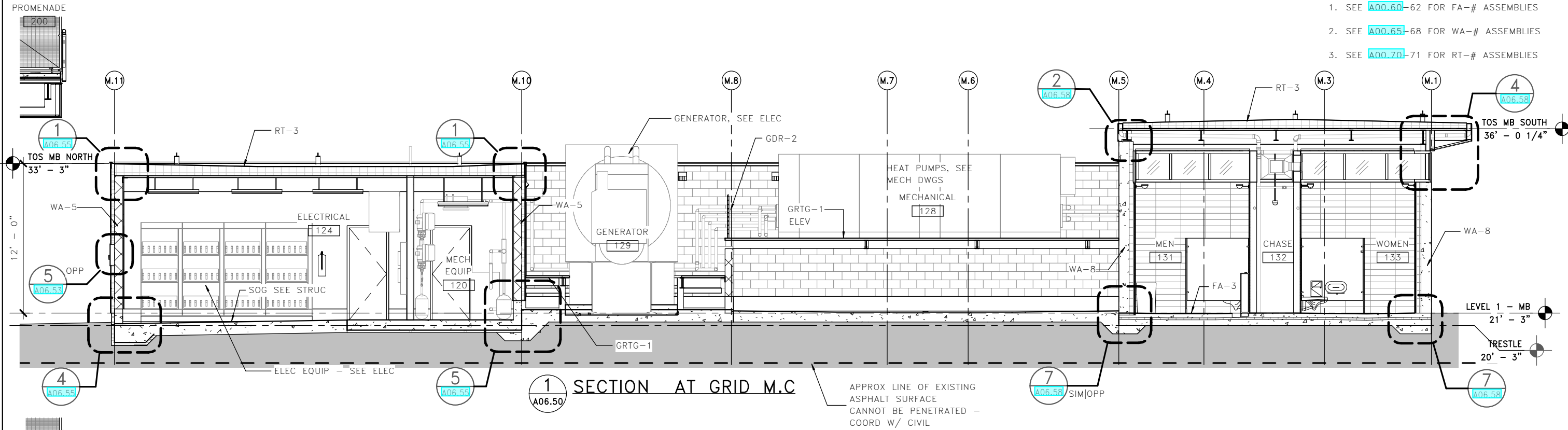


LMN

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt				FED.AID PROJ.NO.		4472 REGISTERED ARCHITECT		SR 525		A06.42	
PRINTED: 1/16/2019 2:09:40 PM				SUBMITTAL DATE: 01/18/2019		DESIGNED BY: H. FITZPATRICK		MUKILTEO FERRY TERMINAL (PHASE 2)		SHEET	
LAST PRINTED BY: MGREENSHIELDS				ENTERED BY: G. BISHOP		CHECKED BY: M. FISHER		FERRY TERMINAL CONSTRUCTION		1009	
MAR PROJ ENGR: C. TORRES				DGN ENGR MNGR: N. MCINTOSH		ASST SECRETARY: A. SCARTON		TERMINAL - RE-ENTRY GATE DETAILS		OF	
CONFORMED PLANS				REVISION		DATE		BY		1521	
JOB NUMBER 18W121				CONTRACT NO. 00****		DATE		DATE		SHEETS	
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION				WASHINGTON STATE FERRIES		RFI 559					

GENERAL NOTES

1. SEE A00.60-62 FOR FA-# ASSEMBLIES
2. SEE A00.65-68 FOR WA-# ASSEMBLIES
3. SEE A00.70-71 FOR RT-# ASSEMBLIES

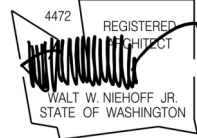


LMN



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DESIGNED BY: H. FITZPATRICK	01/18/2019		
ENTERED BY: G. BISHOP	01/18/2019		
CHECKED BY: M. FISHER	01/18/2019		
MAR PROJ ENGR: C. TORRES			
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19
ASST SECRETARY: A. SCARTON		REVISION	DATE BY

2 A06.50 SECTION AT GRID M.B



01/18/19

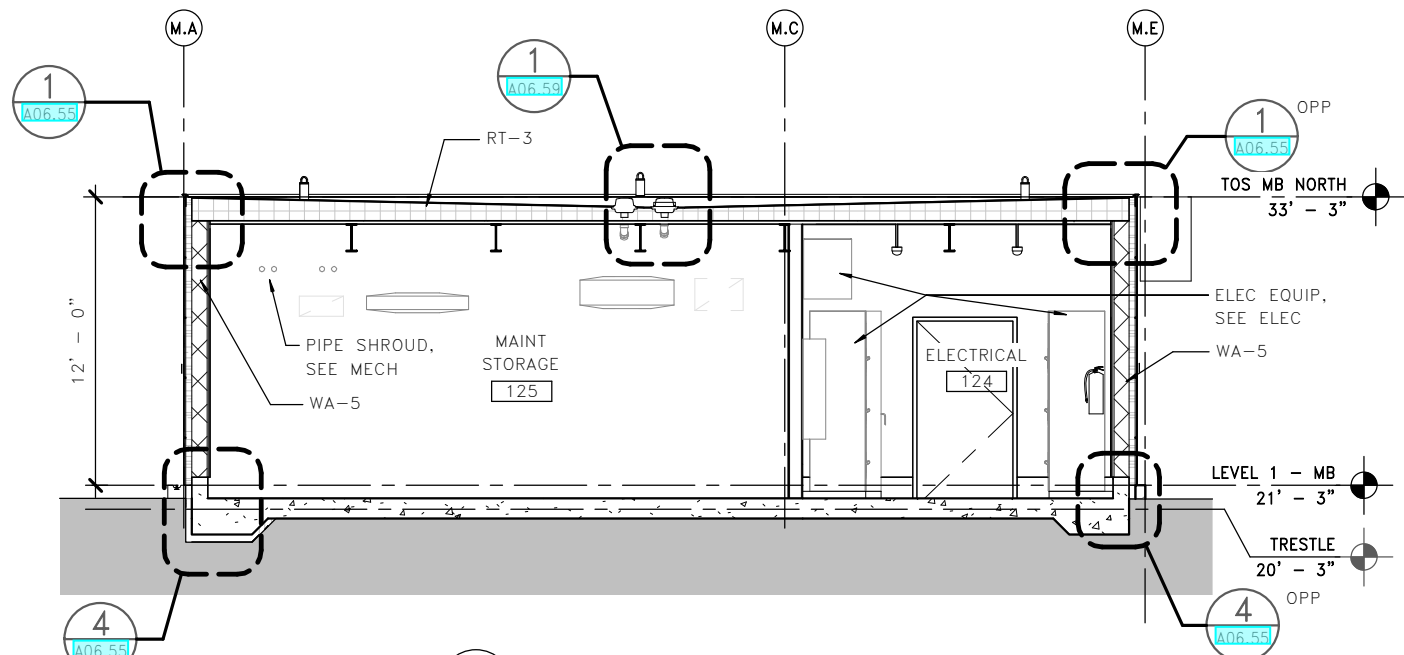


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
MAINTENANCE - BUILDING SECTIONS

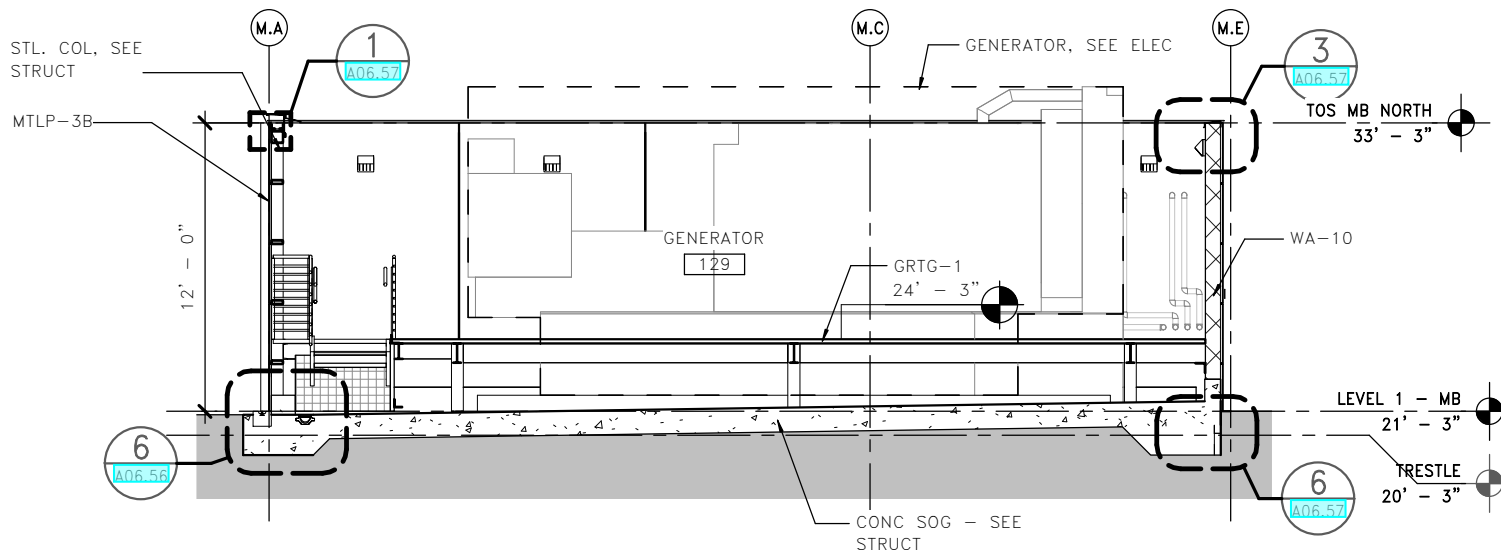
A06.50
SHEET
1010
OF
1521
SHEETS

GENERAL NOTES

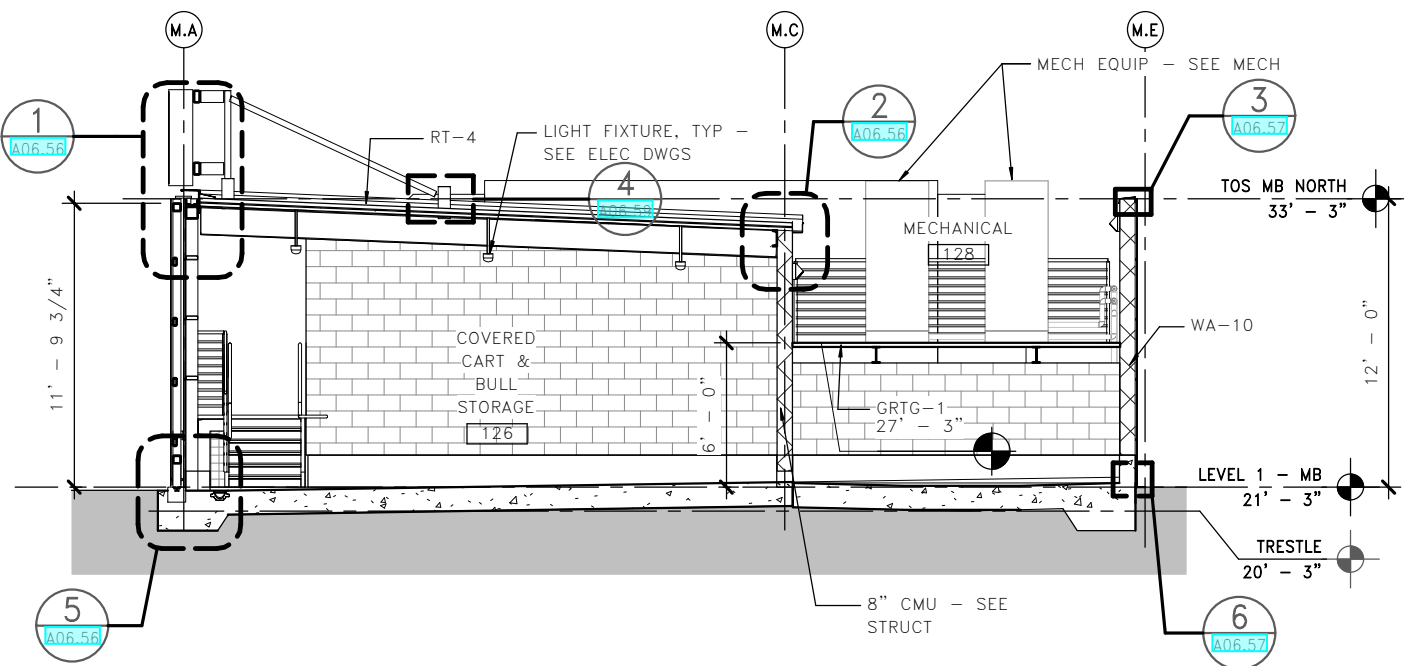
1. SEE A00.60-62 FOR FA-# ASSEMBLIES
2. SEE A00.65-68 FOR WA-# ASSEMBLIES
3. SEE A00.70-71 FOR RT-# ASSEMBLIES



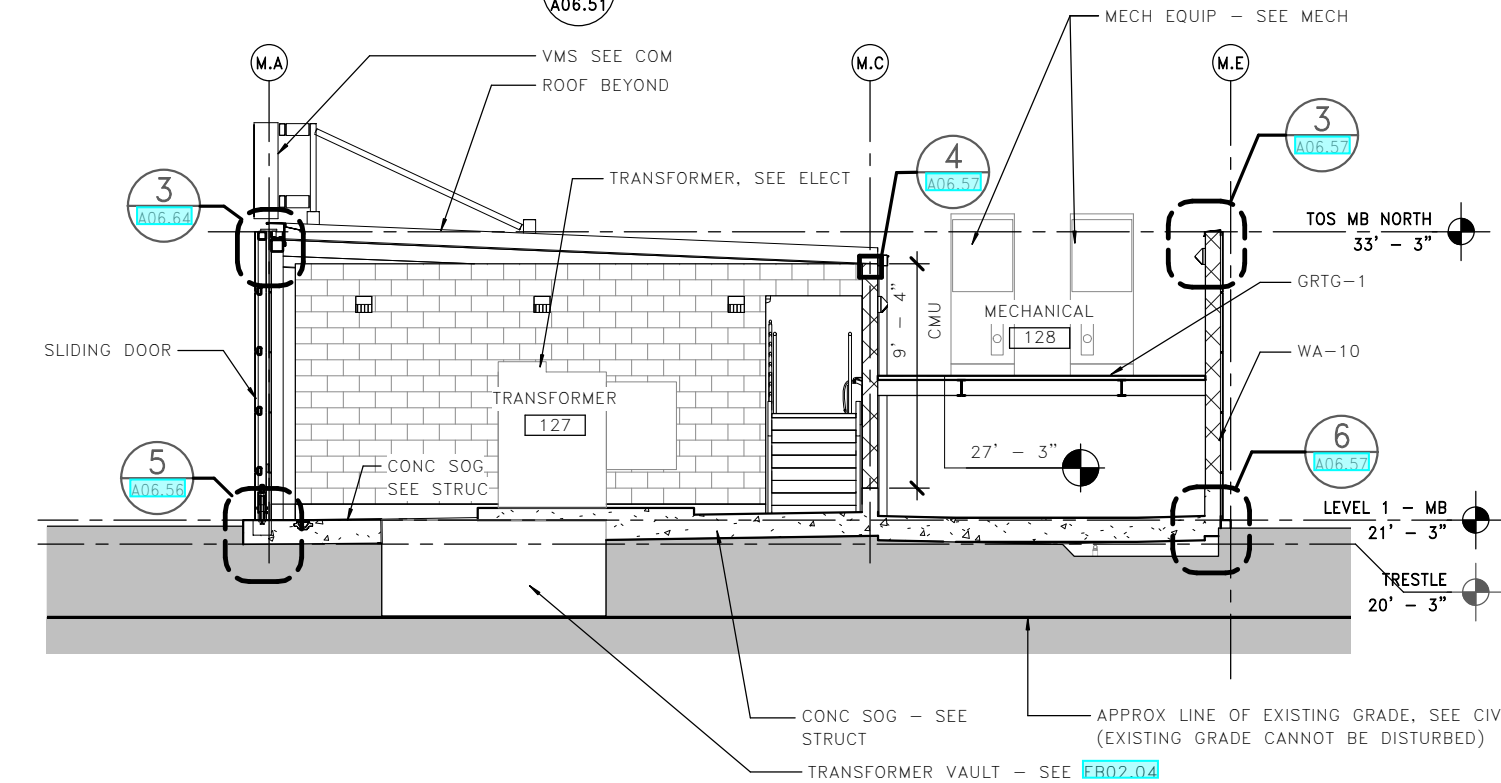
1 SECTION AT GRID M-10.3



2 SECTION AT GRID M-8.4




3 SECTION AT GRID M-7.3



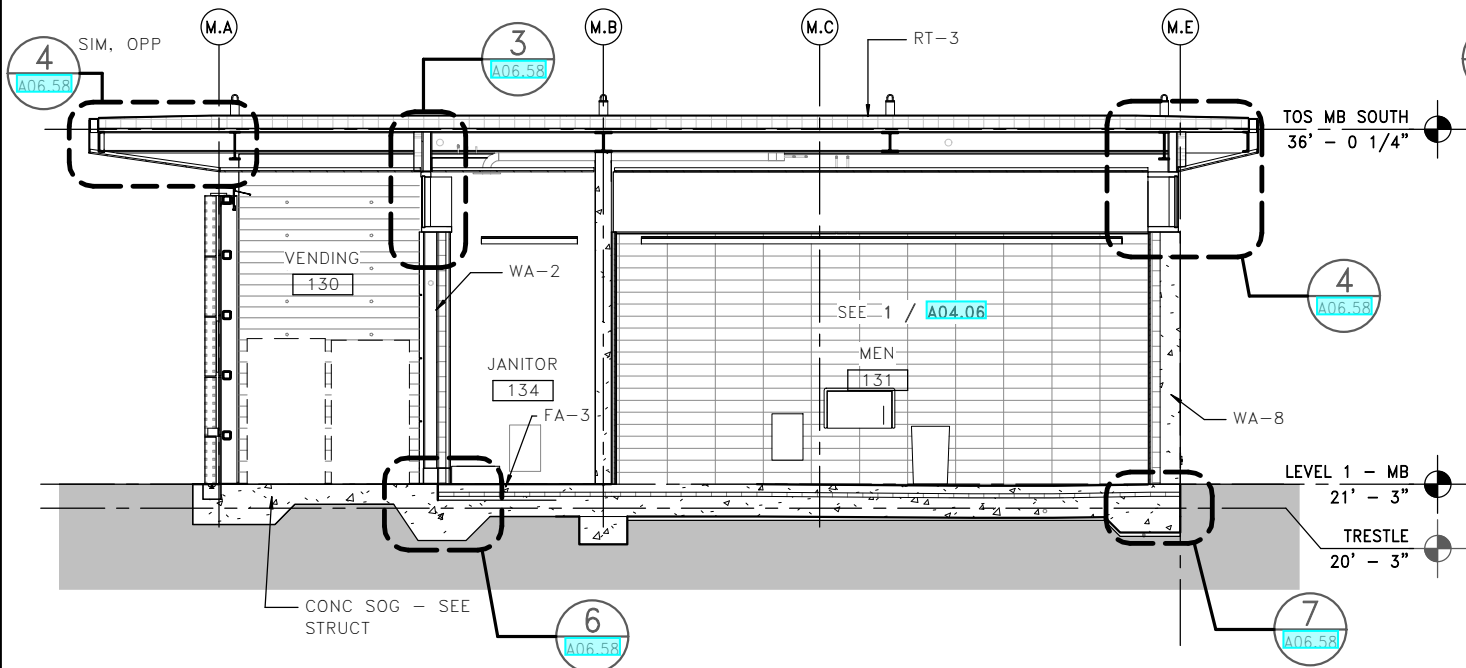
4 SECTION AT GRID M-5.4



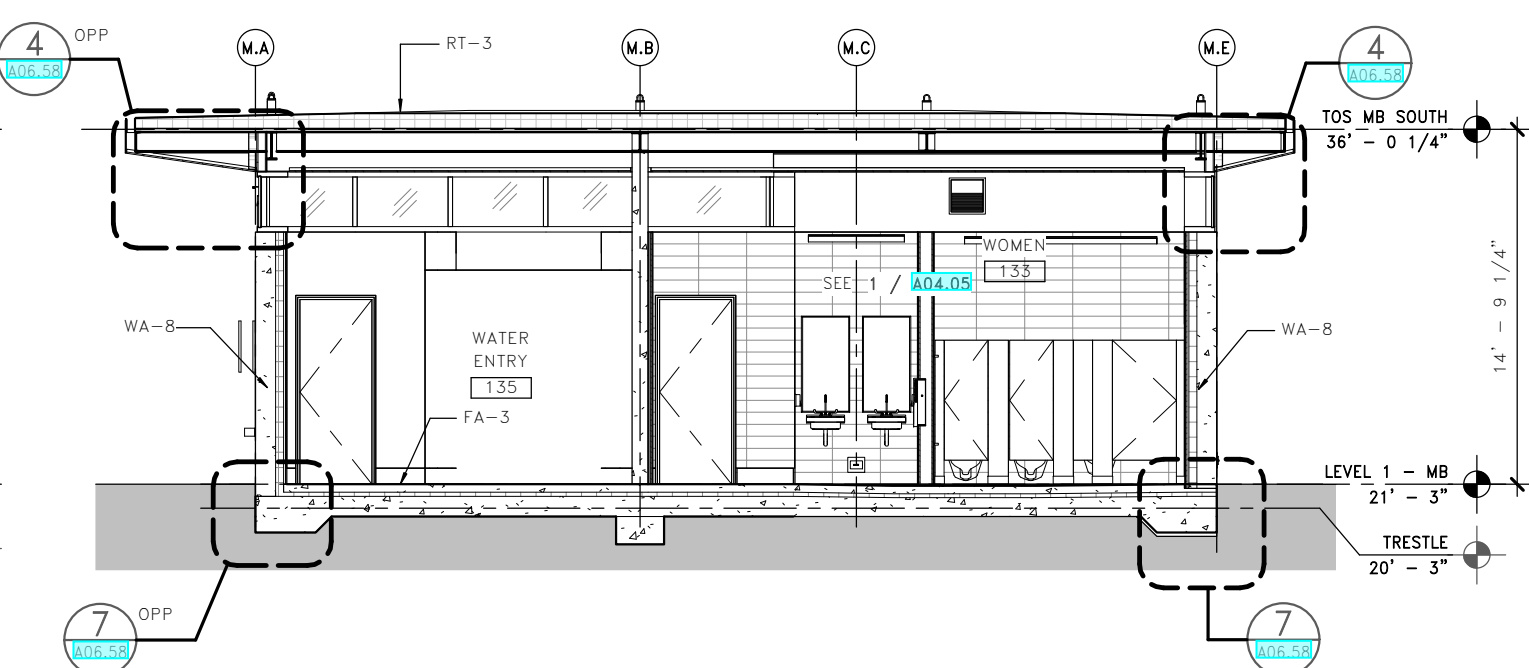
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PRINTED: 1/16/2019 2:09:58 PM					LAST PRINTED BY:																									FED.AID PROJ.NO.					MUKILTEO FERRY TERMINAL (PHASE 2)										SHEET									
SUBMITTAL DATE: 01/18/2019					MGREENSHIELDS																									WA-2017-007-00					FERRY TERMINAL CONSTRUCTION										1011									
DESIGNED BY: H. FITZPATRICK					01/18/2019																									REGION NO. 10 STATE WA					MAINTENANCE - BUILDING SECTIONS										OF									
ENTERED BY: G. BISHOP					01/18/2019					JOB NUMBER 18W121					<div>01/18/19</div>										1521										SHEETS																			
CHECKED BY: M. FISHER					01/18/2019					CONTRACT NO. 00****																																												
MAR PROJ ENGR: C. TORRES																																																						
DGN ENGR MNGR: N. MCINTOSH					CONFORMED PLANS					01/18/19																																												
ASST SECRETARY: A. SCARTON					REVISION					DATE BY:																																												

GENERAL NOTES

- 1. SEE A00.60-62 FOR FA-# ASSEMBLIES
- 2. SEE A00.65-68 FOR WA-# ASSEMBLIES
- 3. SEE A00.70-71 FOR RT-# ASSEMBLIES

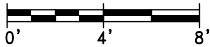


1 SECTION AT GRID M-4.4

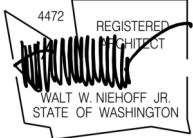


2 SECTION AT GRID M-2.8

LMN



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SUBMITTAL DATE: 01/18/2019	01/18/2019			REGION NO. 10	STATE WA
DESIGNED BY: H. FITZPATRICK	01/18/2019			JOB NUMBER 18W121	
ENTERED BY: G. BISHOP	01/18/2019			CONTRACT NO. 00****	
CHECKED BY: M. FISHER	01/18/2019				
MAR PROJ ENGR: C. TORRES		CONFORMED PLANS	01/18/19		
DGN ENGR MNGR: N. MCINTOSH		REVISION	DATE	BY	
ASST SECRETARY: A. SCARTON					



01/18/19



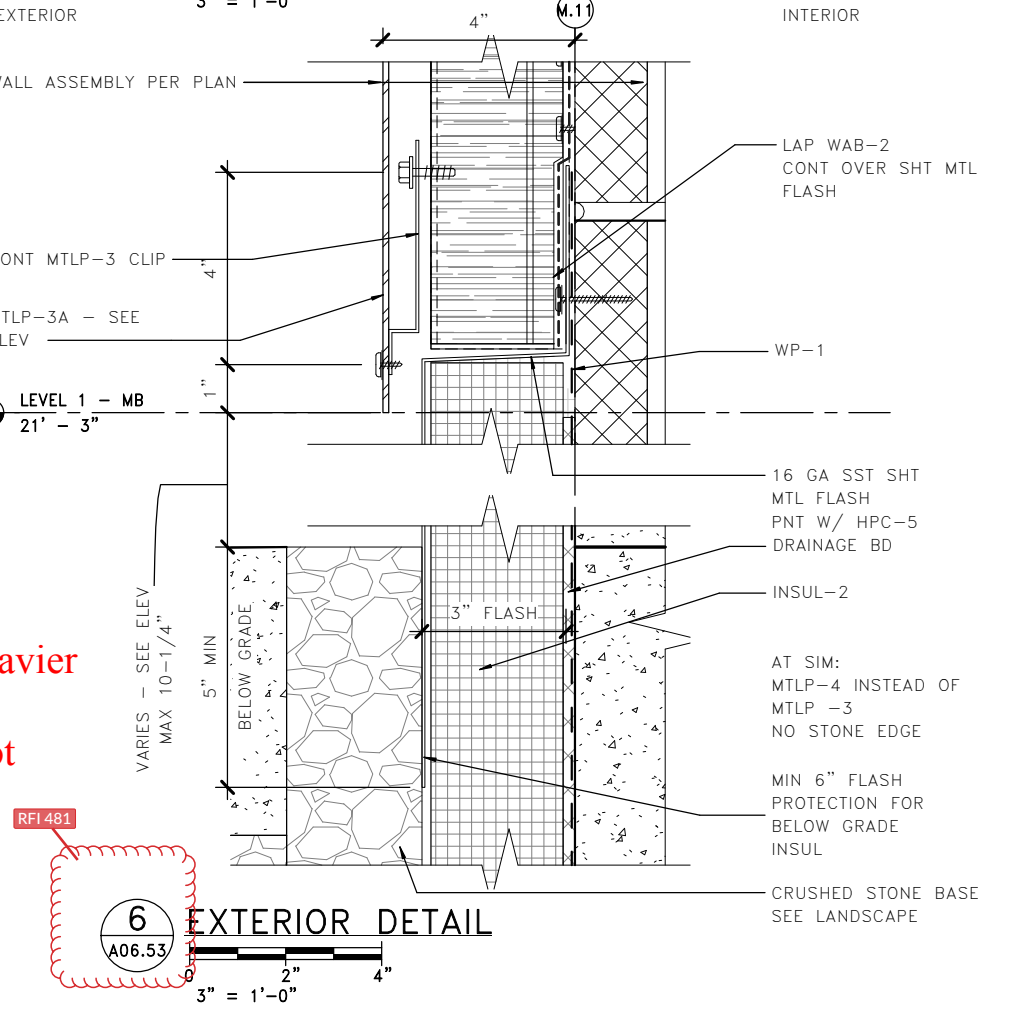
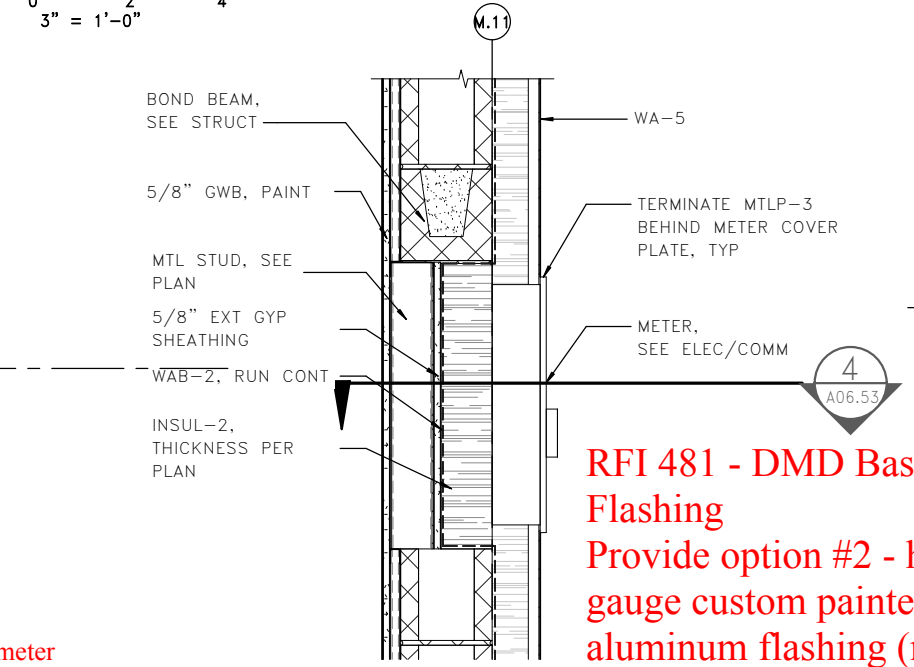
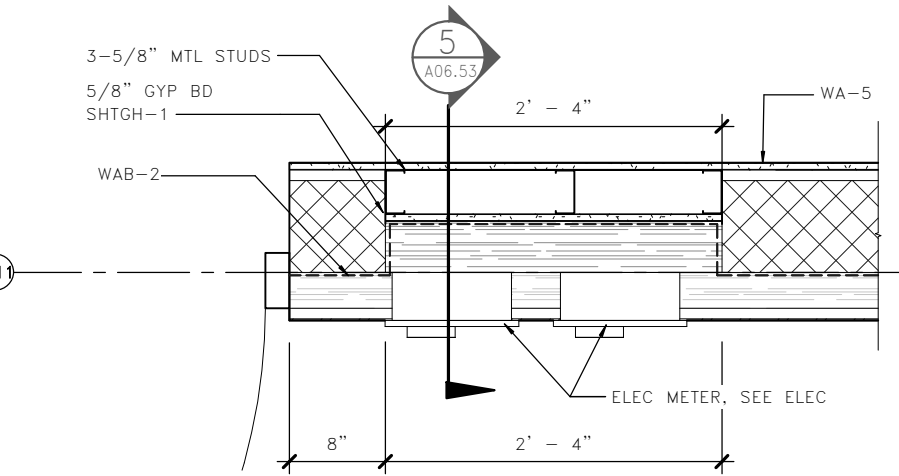
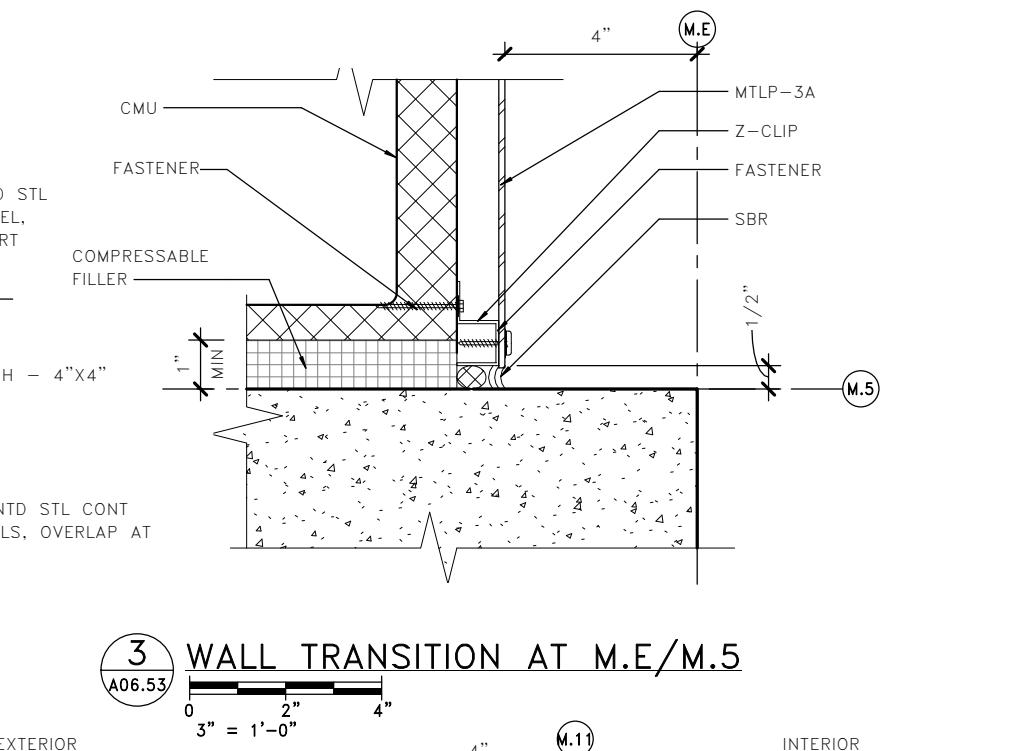
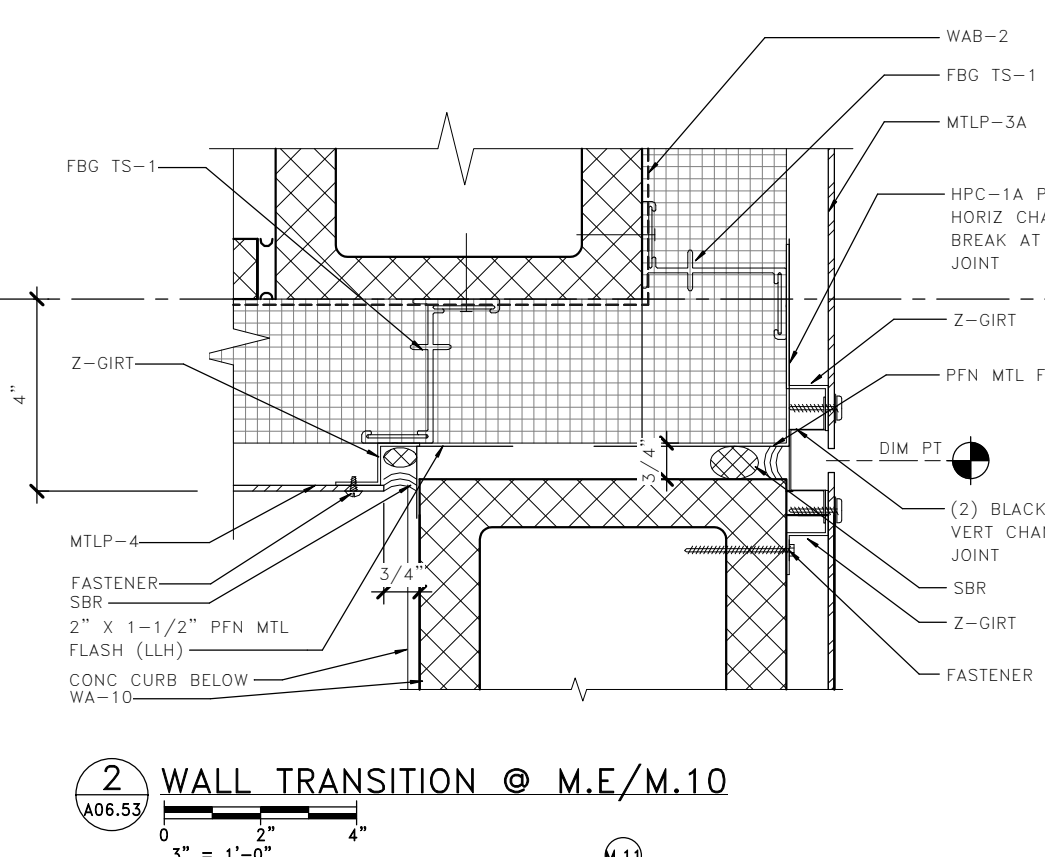
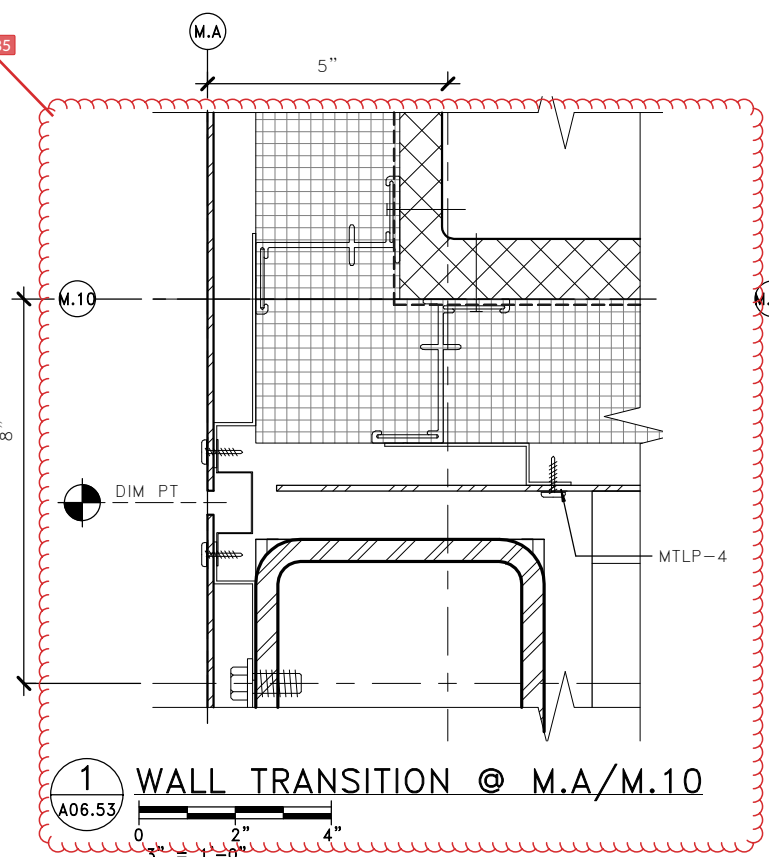
SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
MAINTENANCE – BUILDING SECTIONS

A06.52
SHEET
1012
OF
1521
SHEETS

RFI 385 - Mech. Build.
Screen Steel
Clarifications

3) Option 1 is
acceptable

4) Per detail 1/A06.64
the fixed panels extend
5" past the centerline of
HSS (and 1 1/8" past
edge of sliding door)
Verify that sliding door
detail matches this
detail. At grid M.4
provide detail sim to
2/A06.64 - bend DMD
panel around end HSS,
verify dimension in
field. Check clearance at
HSS base plate.

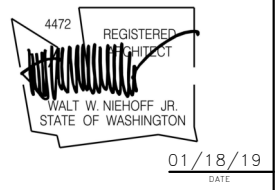
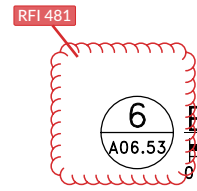
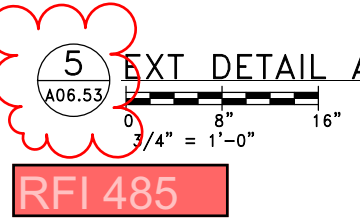


RFI 481 - DMD Base
Flashing
Provide option #2 - heavier
gauge custom painted
aluminum flashing (not
galvanized).

RFI 485 - SNOPUD Meter Setting

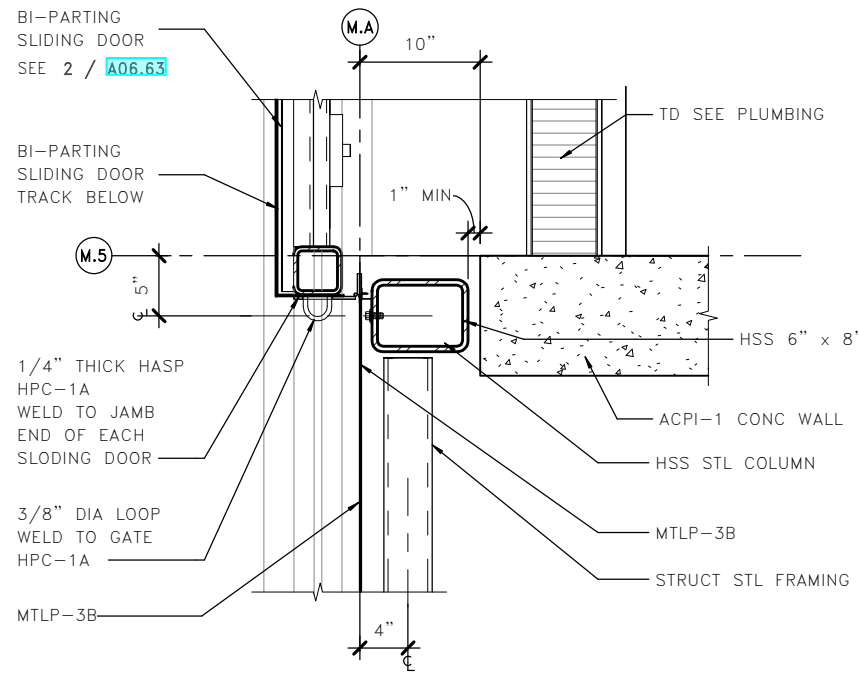
Provide installation that matches detail 4,5/A06.53 as closely as possible. Install meters so face of meter is not recessed behind the face of MTLP-3. Install insulation as possible behind meters. Close gaps between meters and MTLP-3 with prefinished mtl flashing to match flashing around MTLP-3 at other locations.

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DESIGNED BY:	H. FITZPATRICK	01/18/2019				WA-2017-007-00			
ENTERED BY:	G. BISHOP	01/18/2019				REGION NO.	10	STATE	WA
CHECKED BY:	M. FISHER	01/18/2019				JOB NUMBER	18W121		
MAR PROJ ENGR:	C. TORRES					CONTRACT NO.	00****		
DGN ENGR MNGR:	N. MCINTOSH					CONFORMED PLANS	01/18/19		
ASST SECRETARY:	A. SCARTON					REVISION		DATE	BY

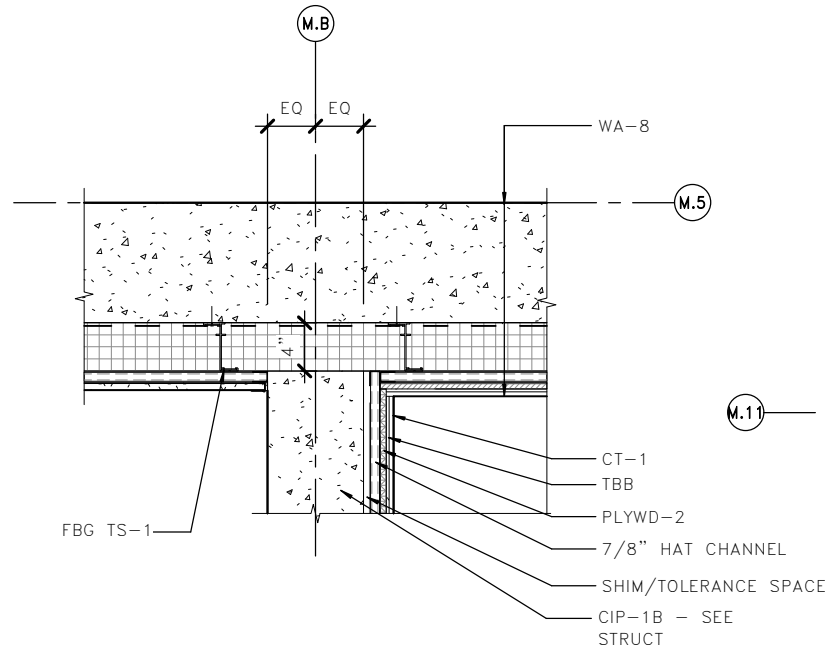


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
MAINTENANCE – EXTERIOR DETAILS

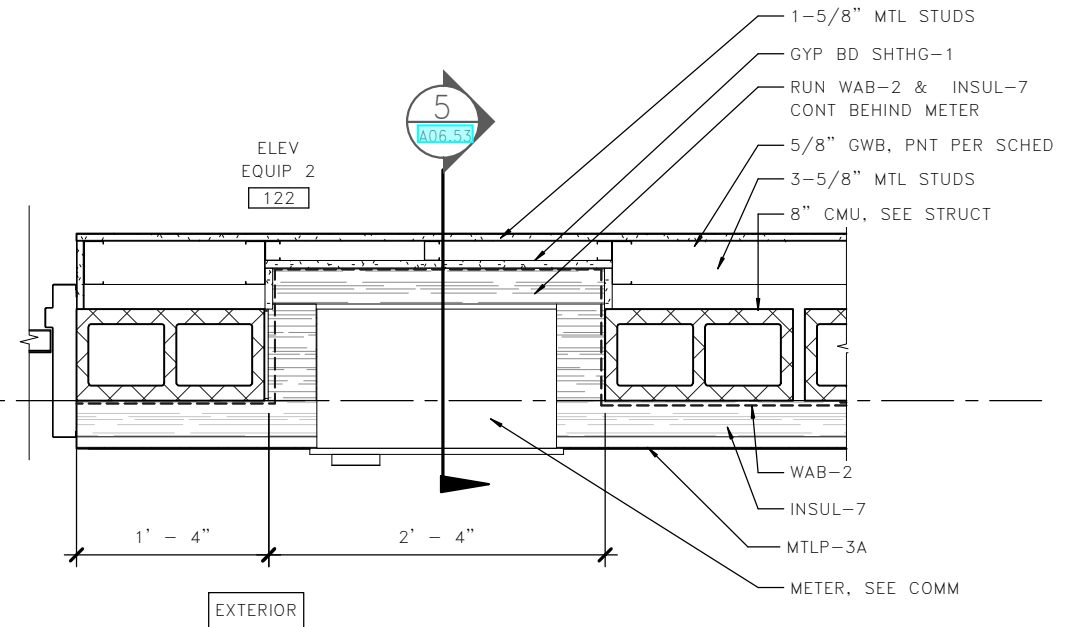
A06.53
SHEET
1013
OF
1521
SHEETS



1 WALL AT M.A / M.5
A06.54

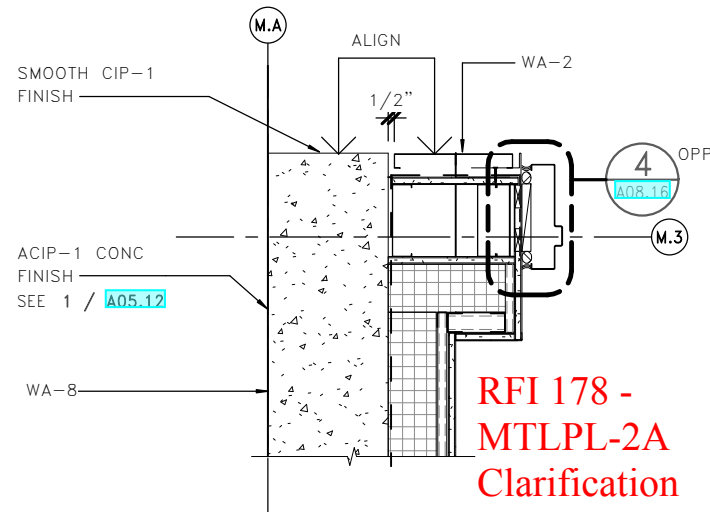


2 WALL AT M.B / M.5
A06.54



3 METER BOX AT MB
A06.54

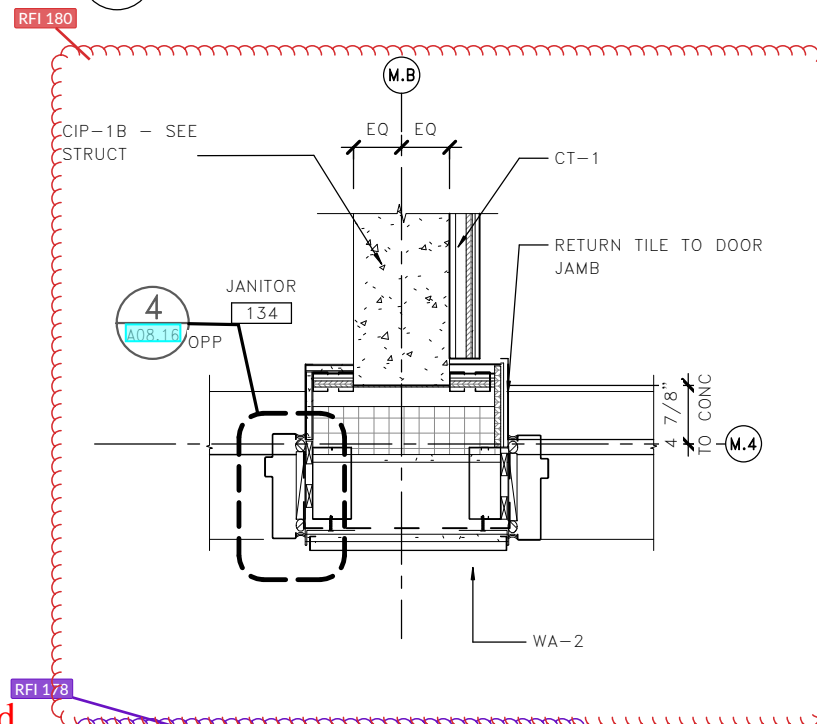
RFI 180 - Flashing Detail
Using the standard NorthClad
Dual Interlocking AL series
door jamb detail per attached is
acceptable (LMN)



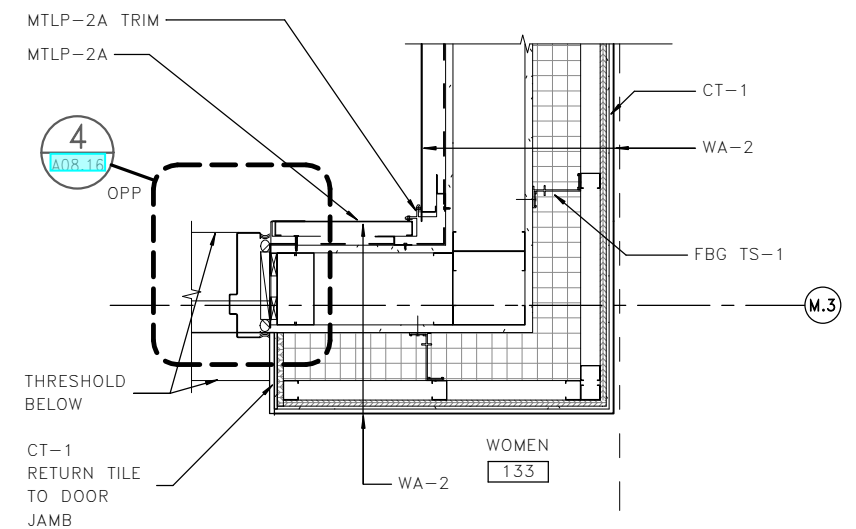
4 WALL AT M.A / M.3
A06.54

RFI 178 -
MTLPL-2A
Clarification

MTLP-2A should
be the NorthClad
dual interlocking
AL series



5 WALL AT M.B / M.4
A06.54

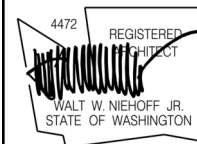


6 WALL AT VENDING
A06.54

LMN

0" 6" 12" 18"

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt			
PRINTED: 1/16/2019 2:10:15 PM	LAST PRINTED BY: MGREENSHIELDS		FED.AID PROJ.NO.
SUBMITTAL DATE: 01/18/2019			WA-2017-007-00
DESIGNED BY: H. FITZPATRICK	01/18/2019		REGION NO. 10 STATE WA
ENTERED BY: G. BISHOP	01/18/2019		JOB NUMBER 18W121
CHECKED BY: M. FISHER	01/18/2019		CONTRACT NO. 00****
MAR PROJ ENGR: C. TORRES			
DGN ENGR MNGR: N. MCINTOSH		CONFORMED PLANS	01/18/19
ASST SECRETARY: A. SCARTON		REVISION	DATE BY



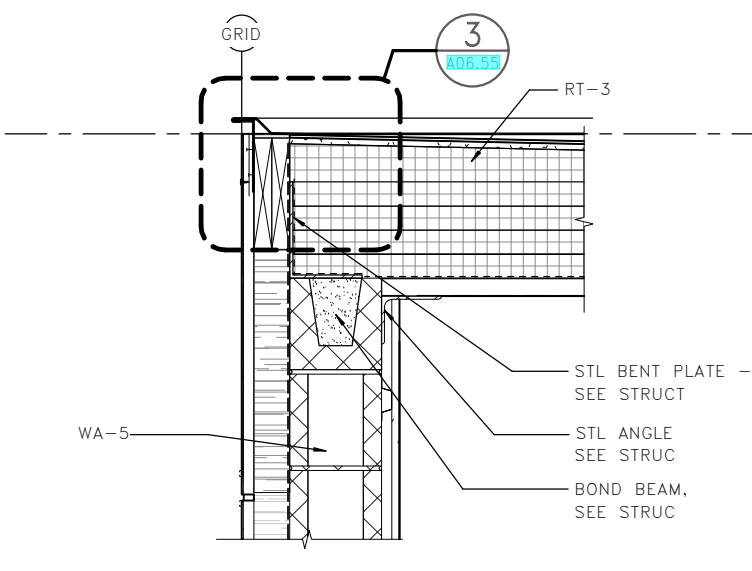
01/18/19



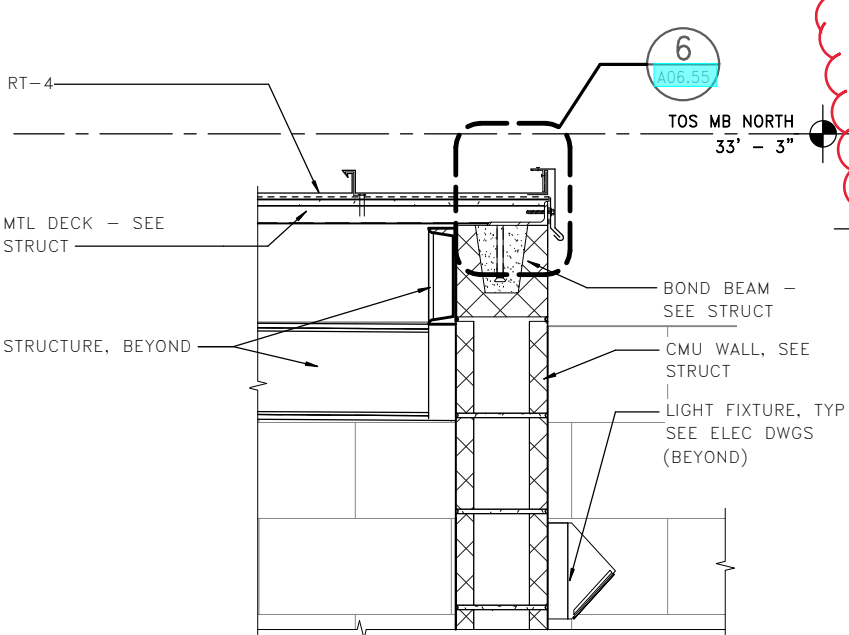
SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
MAINTENANCE - EXTERIOR DETAILS

A06.54
SHEET
1014
OF
1521
SHEETS

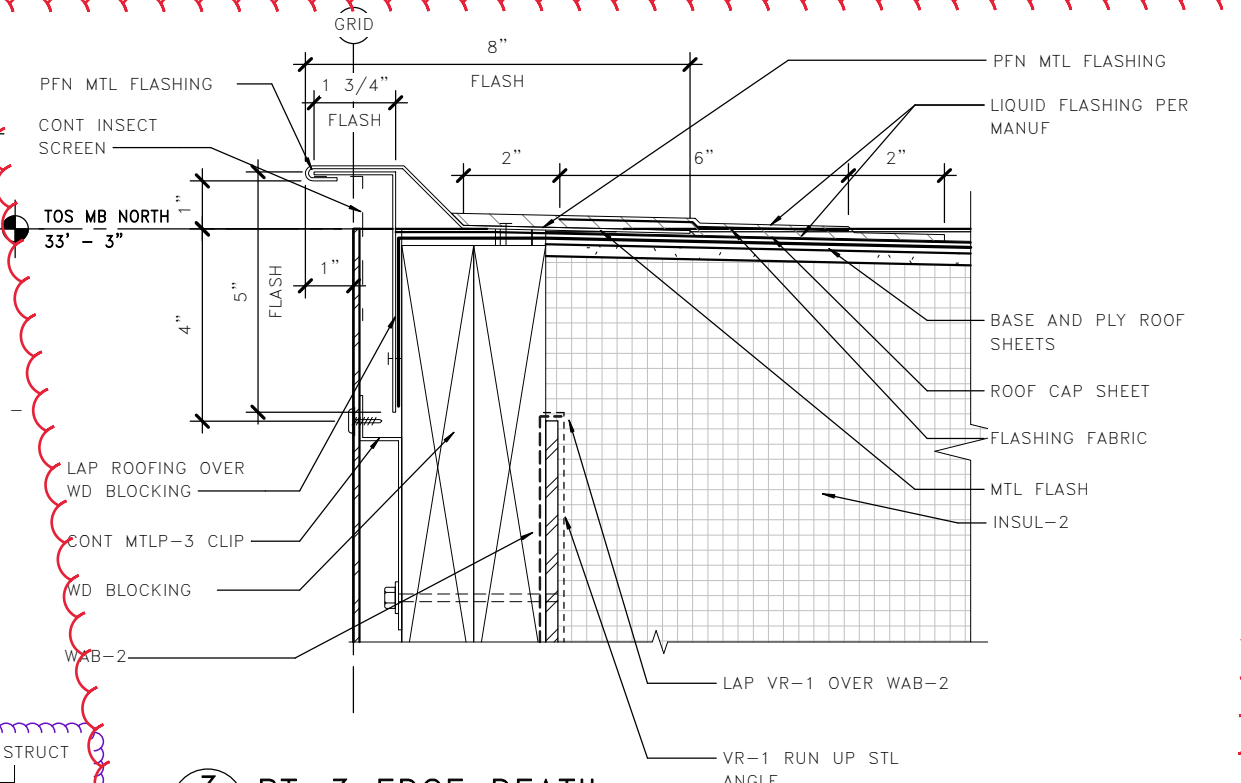
1 RT-3 EDGE DETAIL
A06.55
0 8" 16"
3/4" = 1'-0"



2 RT-4 EDGE DETAIL
A06.55
0 8" 16"
3/4" = 1'-0"



3 RT-3 EDGE DETAIL
A06.55
0 2" 4"
3" = 1'-0"

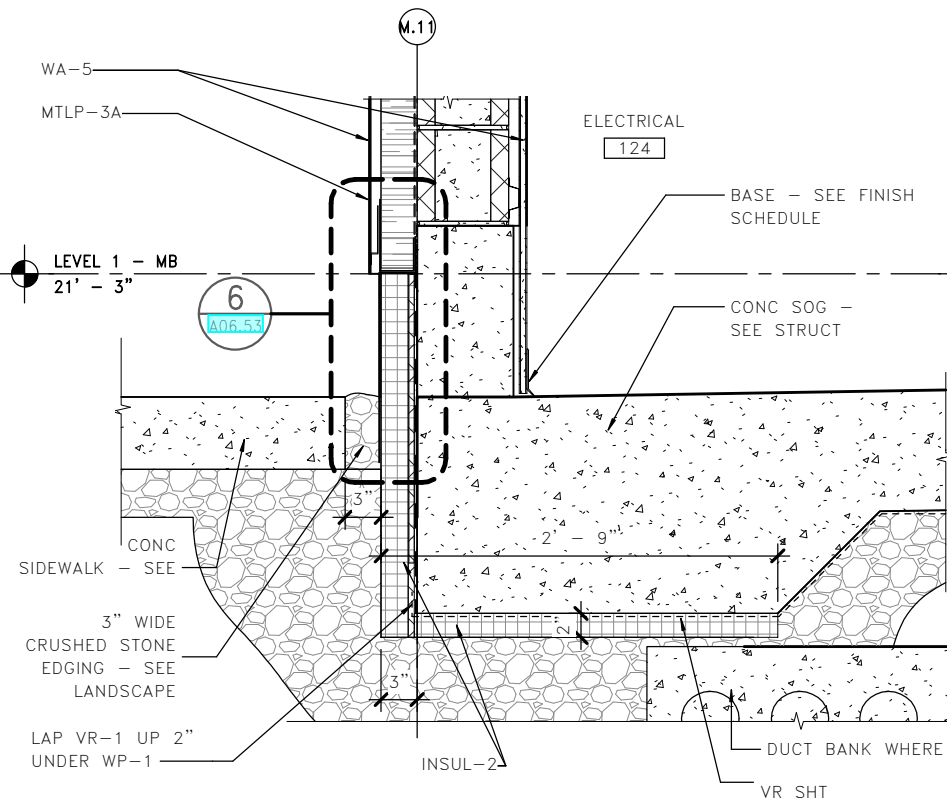


RFI 365 - New Detail see next page.

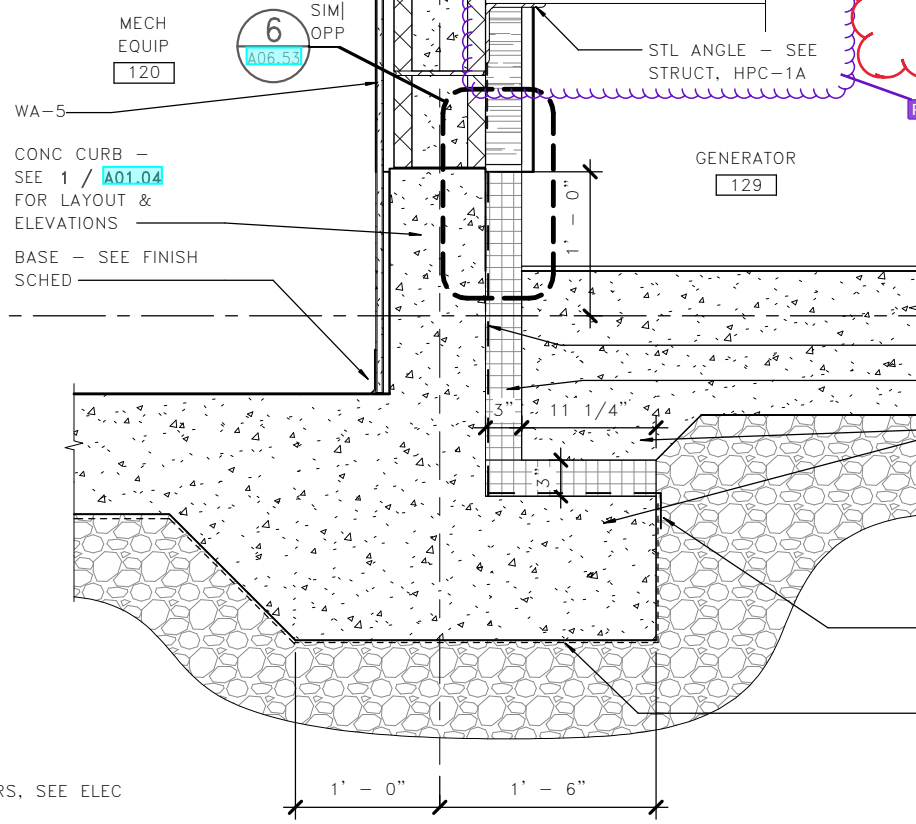
RFI 331 - Wall Panel to Generator Grating

LMN proposes the following solution:
MTLP-4 layout above the grating (GRTG-1) to match what was shown and marked up in submittal 074213-01, sheet 4.09. Replace MTLP-4 below the grating with sheet metal flashing over INSUL-7/INSUL-2 per attached sketch. Flashing to match finish of MTLP-4 above and be coped around the steel beams. This should be easier than coping the metal panel around the steel beams.

LEVEL 1 - MB
21' - 3"

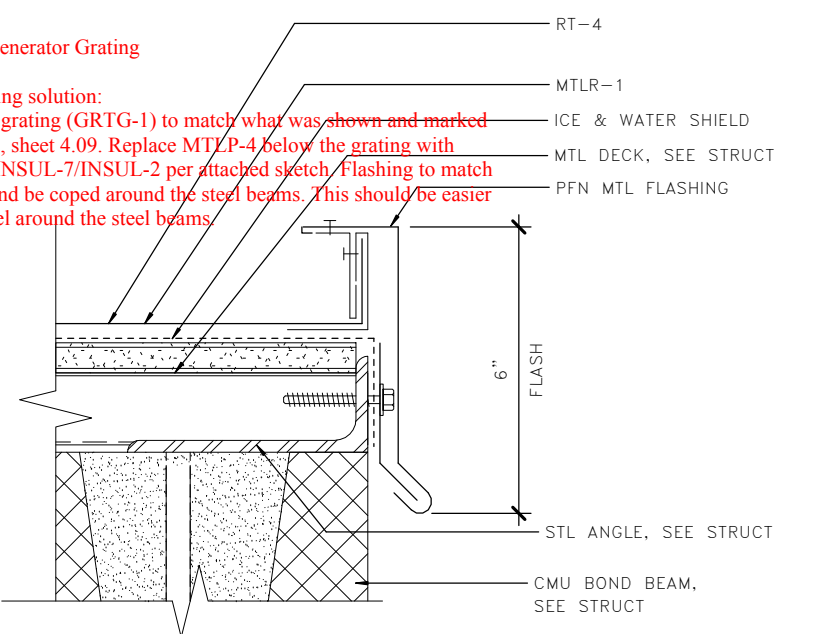


4 BASE AT WA-5
A06.55
0 8" 16"
3/4" = 1'-0"



5 BASE AT WA-5
A06.55
0 8" 16"
3/4" = 1'-0"

6 RT-4 EDGE DETAIL
A06.55
0 2" 4"
3" = 1'-0"



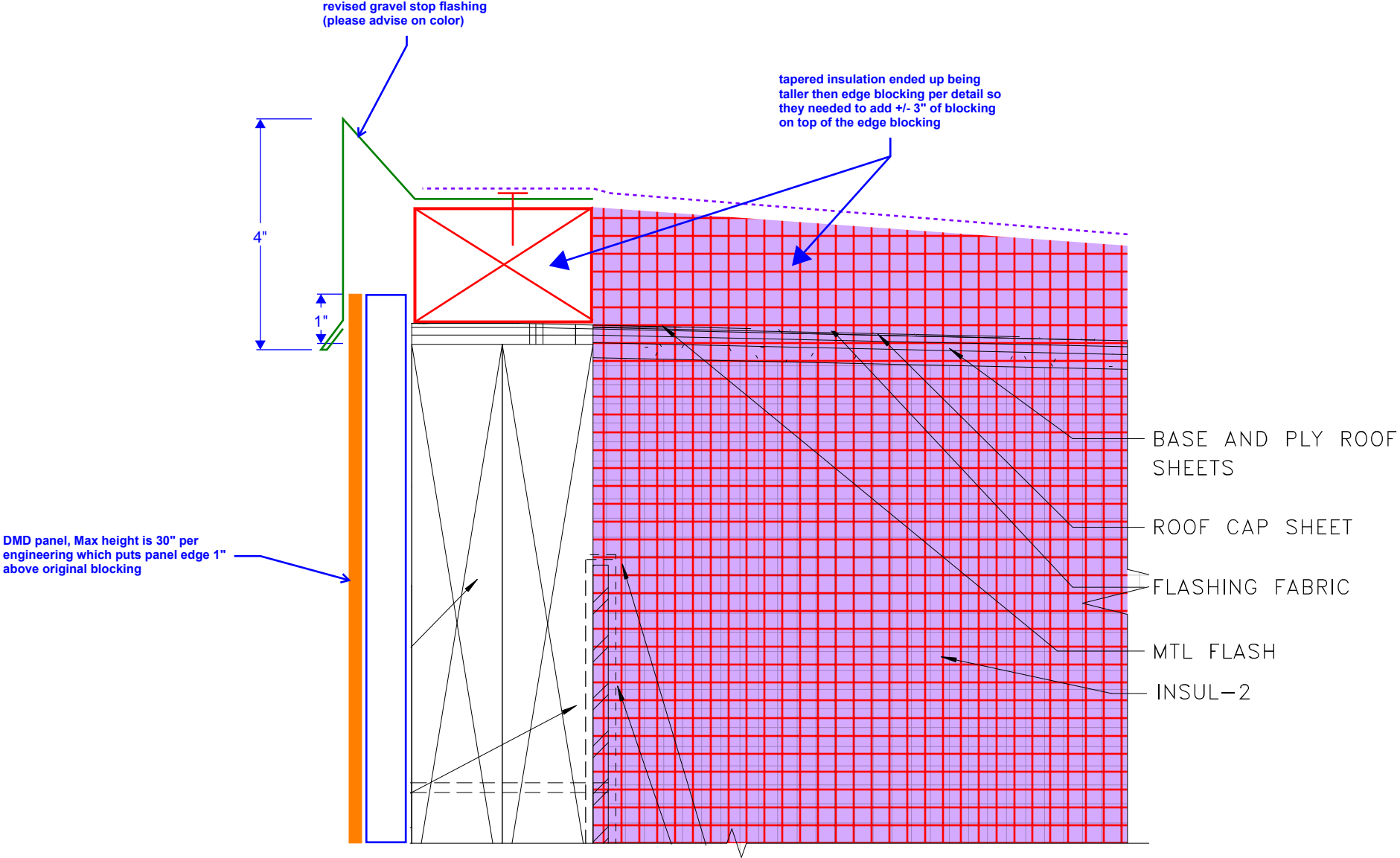
SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
MAINTENANCE - EXTERIOR DETAILS

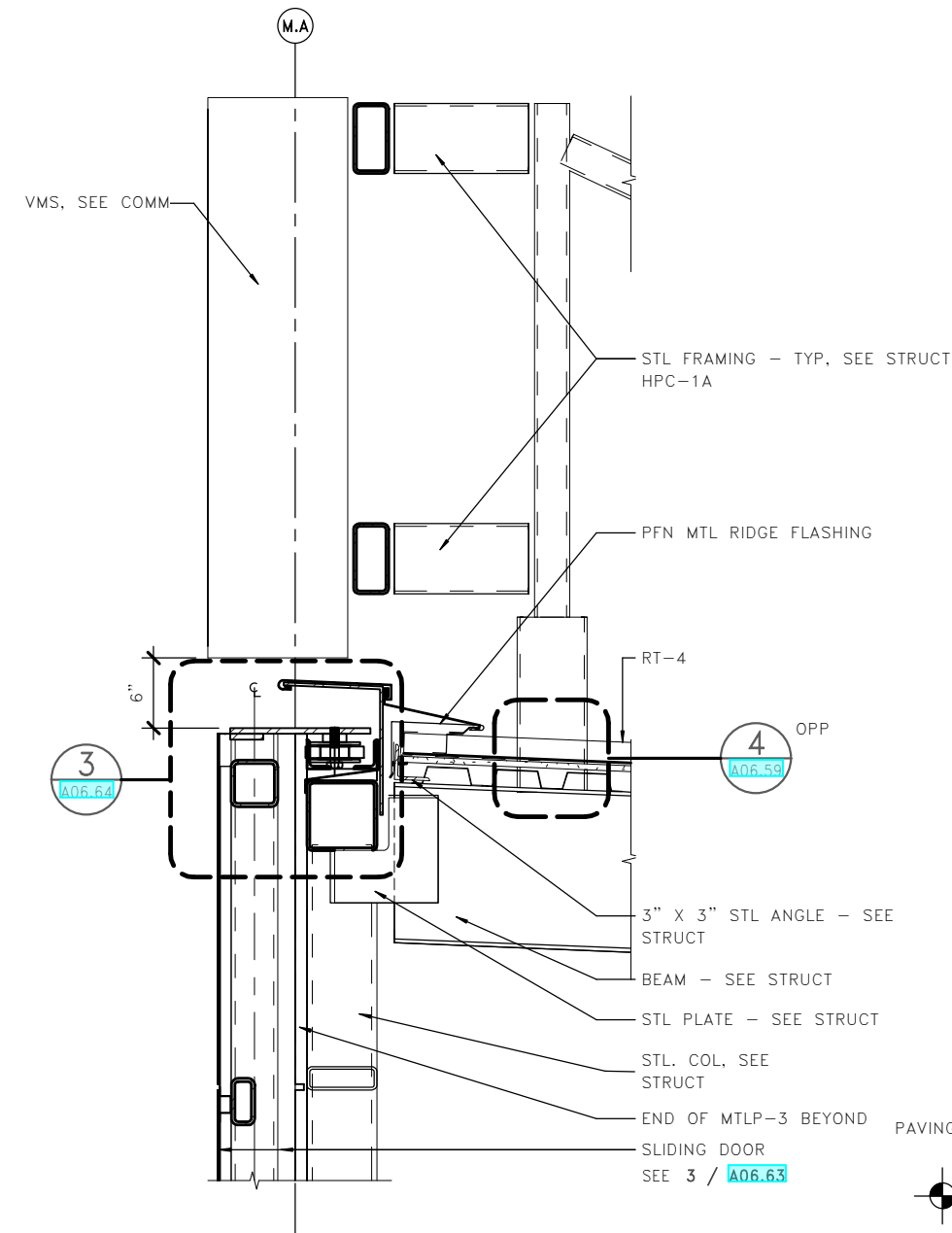
A06.55
SHEET
1015
OF
1521
SHEETS

FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt					FED.AID PROJ.NO.	
PRINTED: 1/16/2019 2:10:21 PM					WA-2017-007-00	
SUBMITTAL DATE: 01/18/2019					REGION NO. 10	
DESIGNED BY: H. FITZPATRICK					STATE WA	
ENTERED BY: G. BISHOP					JOB NUMBER 18W121	
CHECKED BY: M. FISHER					CONTRACT NO. 00****	
MAR PROJ ENGR: C. TORRES					DATE	
DGN ENGR MNGR: N. MCINTOSH					BY	
ASST SECRETARY: A. SCARTON						

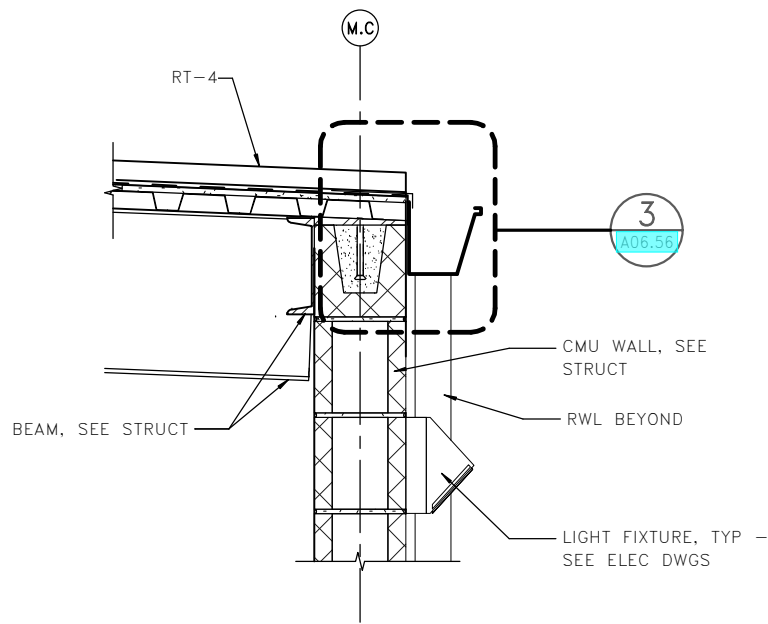


01/18/19

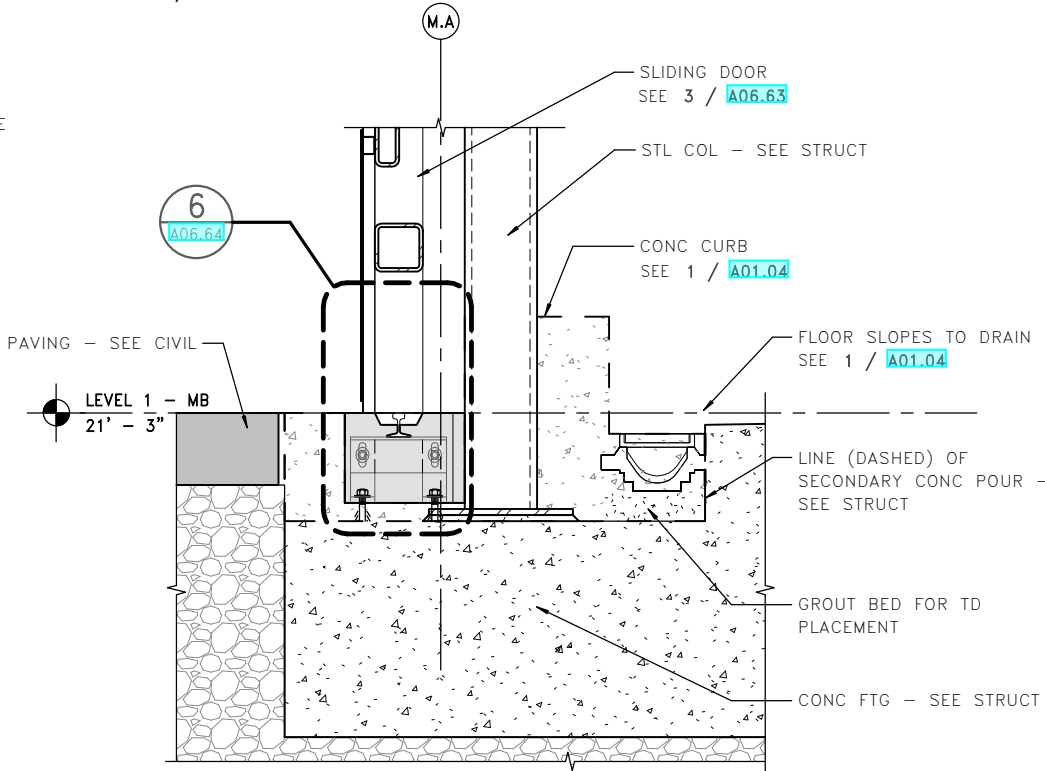




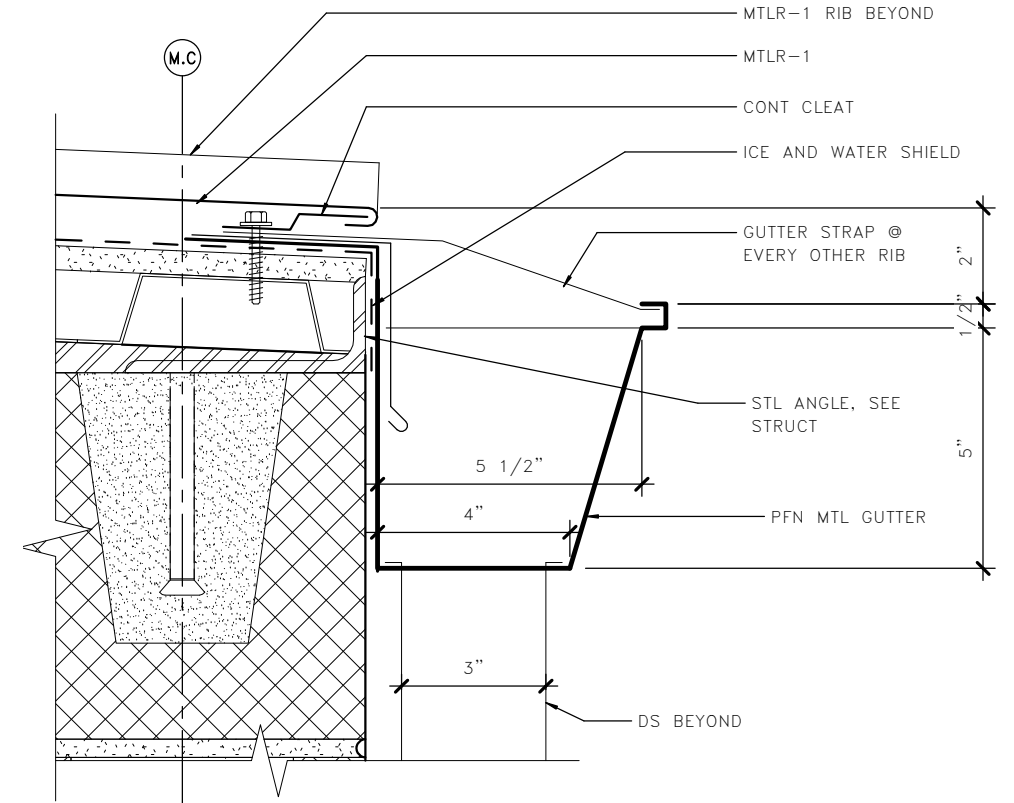
1 SLIDING DR HEAD AT ROOF
A06.56
0 8" 16"
3/4" = 1'-0"



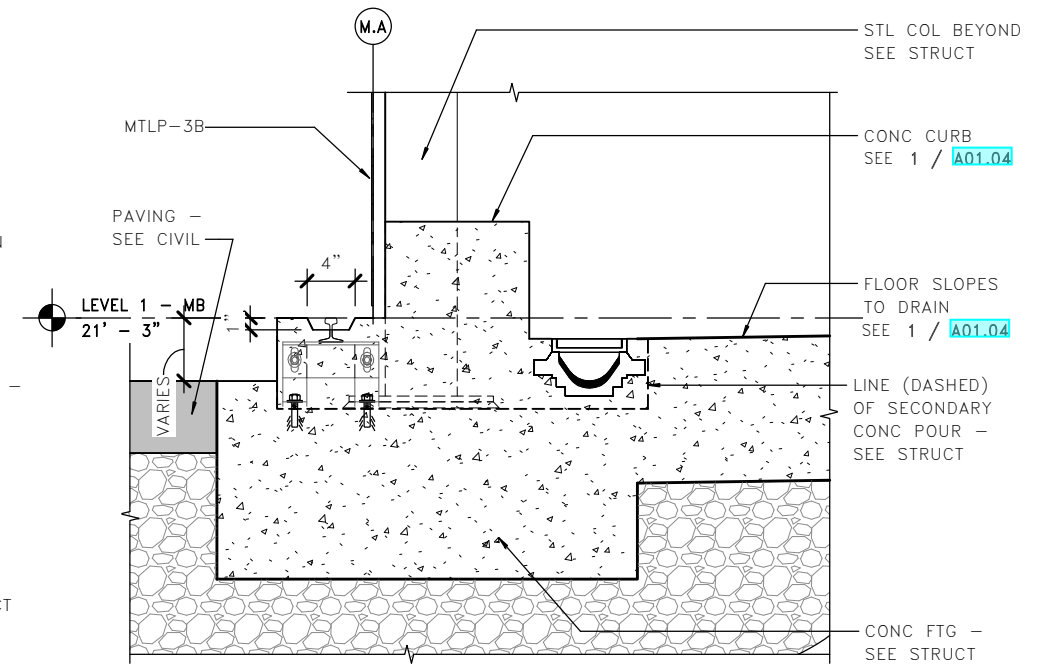
2 ROOF EDGE
A06.56
0 8" 16"
3/4" = 1'-0"



5 SLIDING DR TRACK DETAIL
A06.56
0 8" 16"
3/4" = 1'-0"



3 ROOF EDGE/GUTTER DETAIL
A06.56
0 2" 4"
3/4" = 1'-0"



6 MTLP-3B BASE OF WALL
A06.56
0 8" 16"
3/4" = 1'-0"



FILE NAME: PW:\WSF\Mukilteo\14W121_FerryTermConst\CADD\LMN\mft-CENTRAL_90%.rvt					FED.AID PROJ.NO.	
PRINTED: 1/16/2019 2:10:27 PM					WA-2017-007-00	
SUBMITTAL DATE: 01/18/2019					REGION NO. 10	
DESIGNED BY: H. FITZPATRICK					STATE WA	
ENTERED BY: G. BISHOP					JOB NUMBER 18W121	
CHECKED BY: M. FISHER					CONTRACT NO. 00****	
MAR PROJ ENGR: C. TORRES					CONFORMED PLANS	
DGN ENGR MNGR: N. MCINTOSH					01/18/19	
ASST SECRETARY: A. SCARTON					REVISION	
					DATE	
					BY	

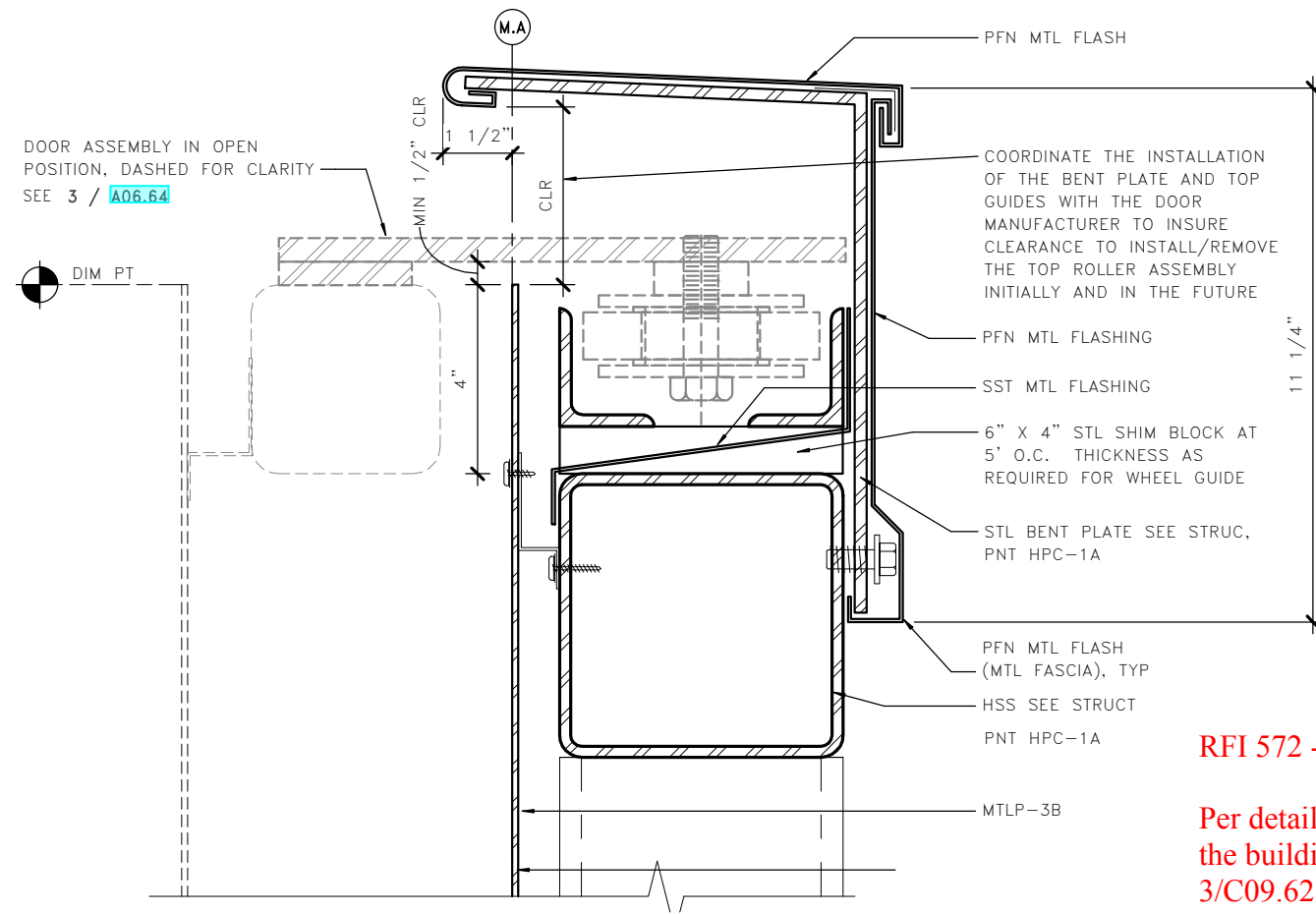
4472
REGISTERED
ARCHITECT
WALT W. NIEHOFF JR.
STATE OF WASHINGTON

DATE
01/18/19

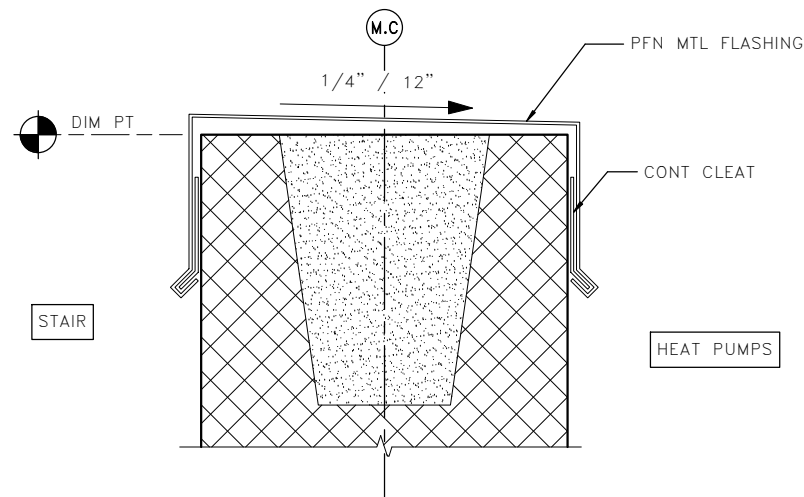
Washington State
Department of Transportation
 WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
MAINTENANCE - EXTERIOR DETAILS

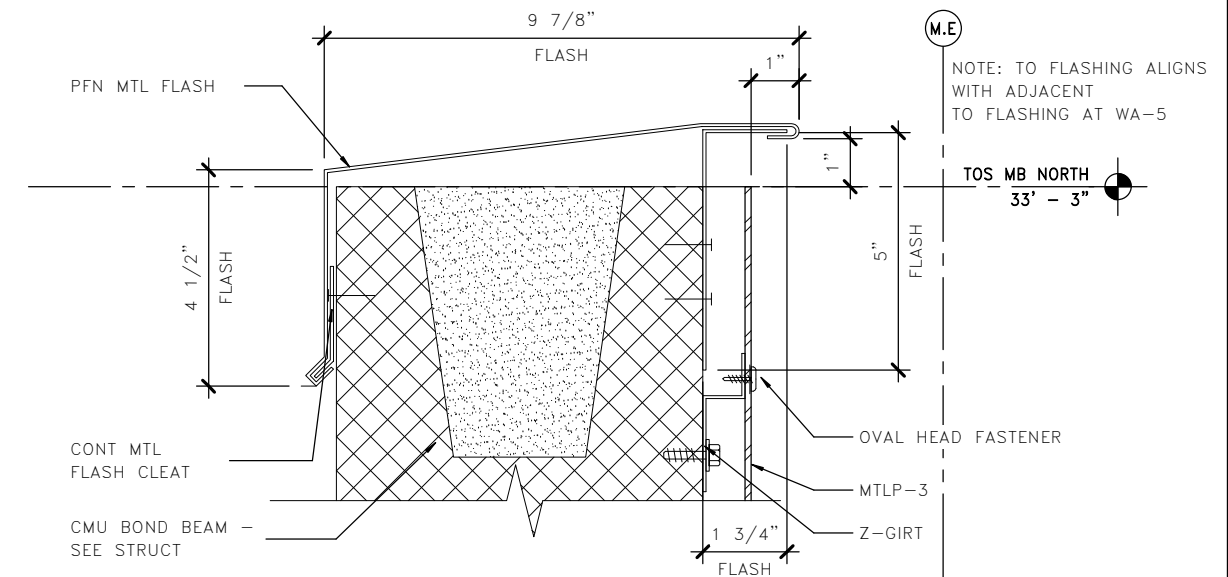
A06.56
 SHEET
1016
 OF
1521
 SHEETS



1 TOP OF WALL MTLP3 ADJ. SLIDING DOORS
A06.57



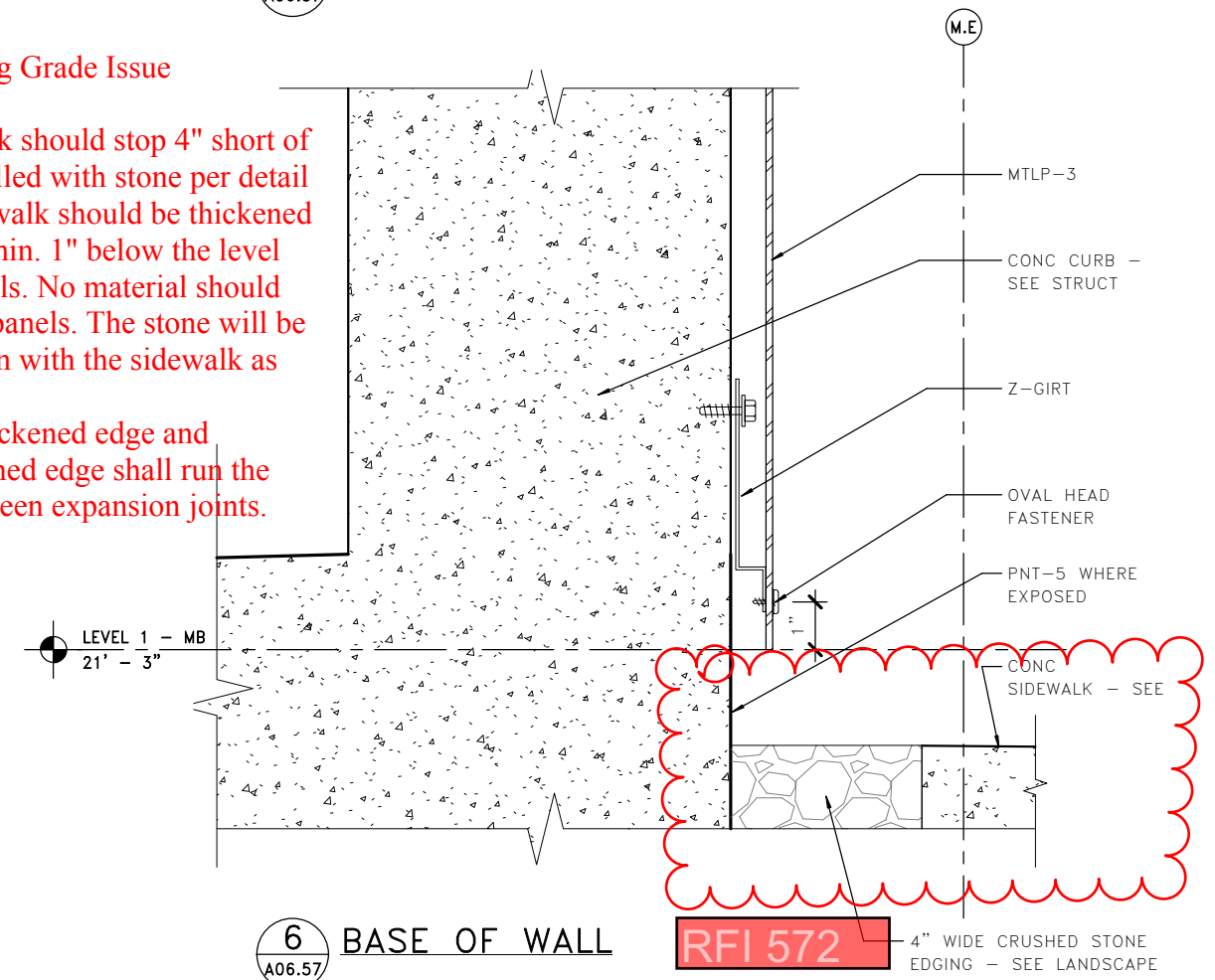
4 TOP OF CMU - INTERIOR
A06.57



3 TOP OF WALL
A06.57

RFI 572 - Maintenance Building Grade Issue

Per detail 6/A06.57 the sidewalk should stop 4" short of the building wall and the gap filled with stone per detail 3/C09.62. The edge of the sidewalk should be thickened to allow the top of stone to be min. 1" below the level of the bottom of the DMD panels. No material should be placed up against the metal panels. The stone will be below the concrete and not align with the sidewalk as shown in the referenced detail. See the following sketch for thickened edge and reinforcement detail. The thickened edge shall run the length of sidewalk section between expansion joints. (Edd Thomas, Jacobs, 8/26/20)

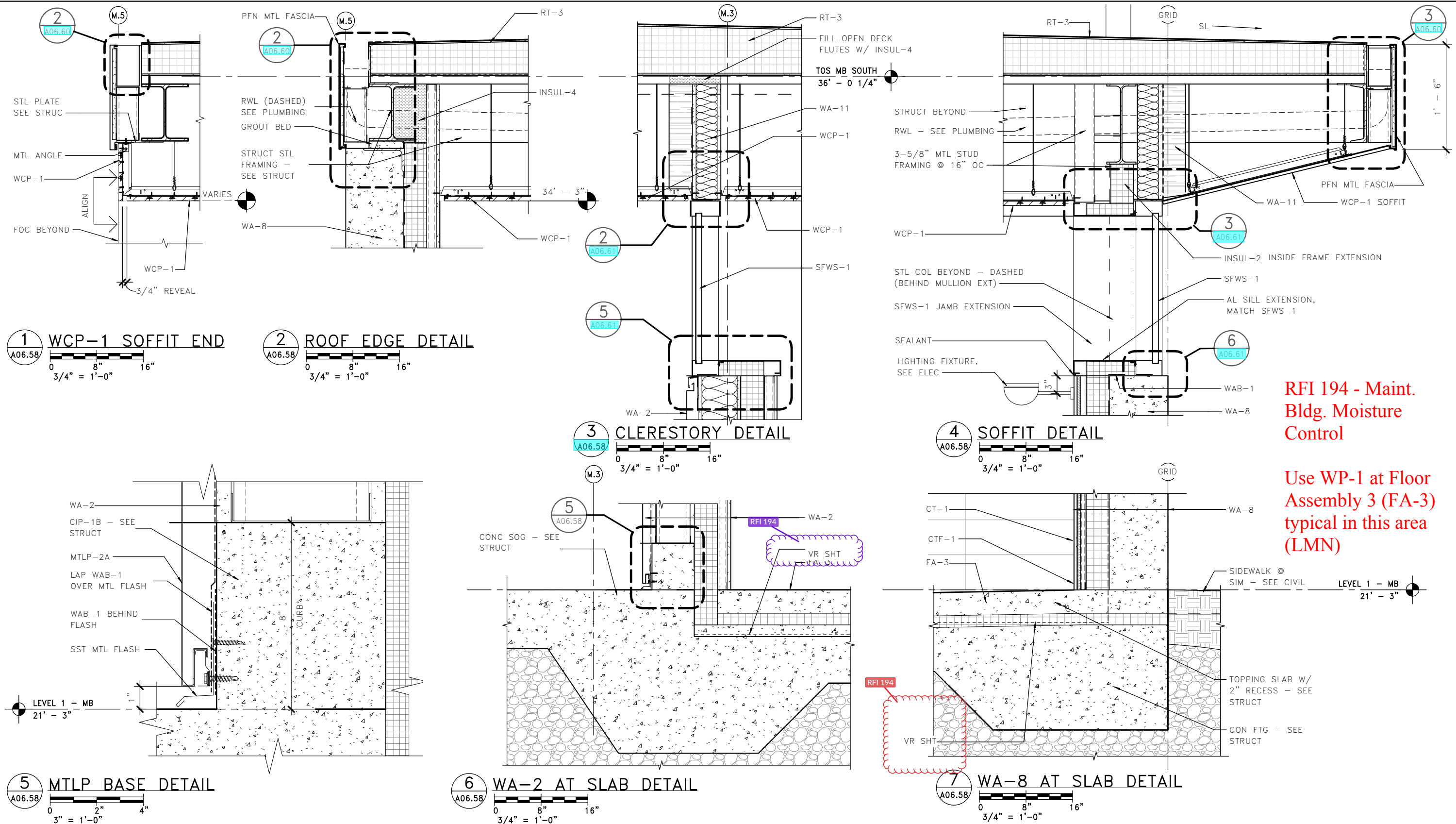


6 BASE OF WALL
A06.57

RFI 572 4" WIDE CRUSHED STONE EDGING - SEE LANDSCAPE

LMN

FILE NAME: 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DESIGNED BY: H. FITZPATRICK

01/18/2019

ENTERED BY: G. BISHOP

01/18/2019

CHECKED BY: M. FISHER

01/18/2019

MAR PROJ ENGR: C. TORRES

DGN ENGR MNGR: N. MCINTOSH

ASST SECRETARY: A. SCARTON

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REVISION

01/18/19

DATE

BY

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CONTRACT NO.

18W121

WA-2017-007-00

FED.AID PROJ.NO.

REGION NO. STATE

10 WA

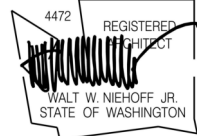
JOB NUMBER

18W121

CONTRACT NO.

00****

DATE



01/18/19

DATE



SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
MAINTENANCE - EXTERIOR DETAILS

A06.58

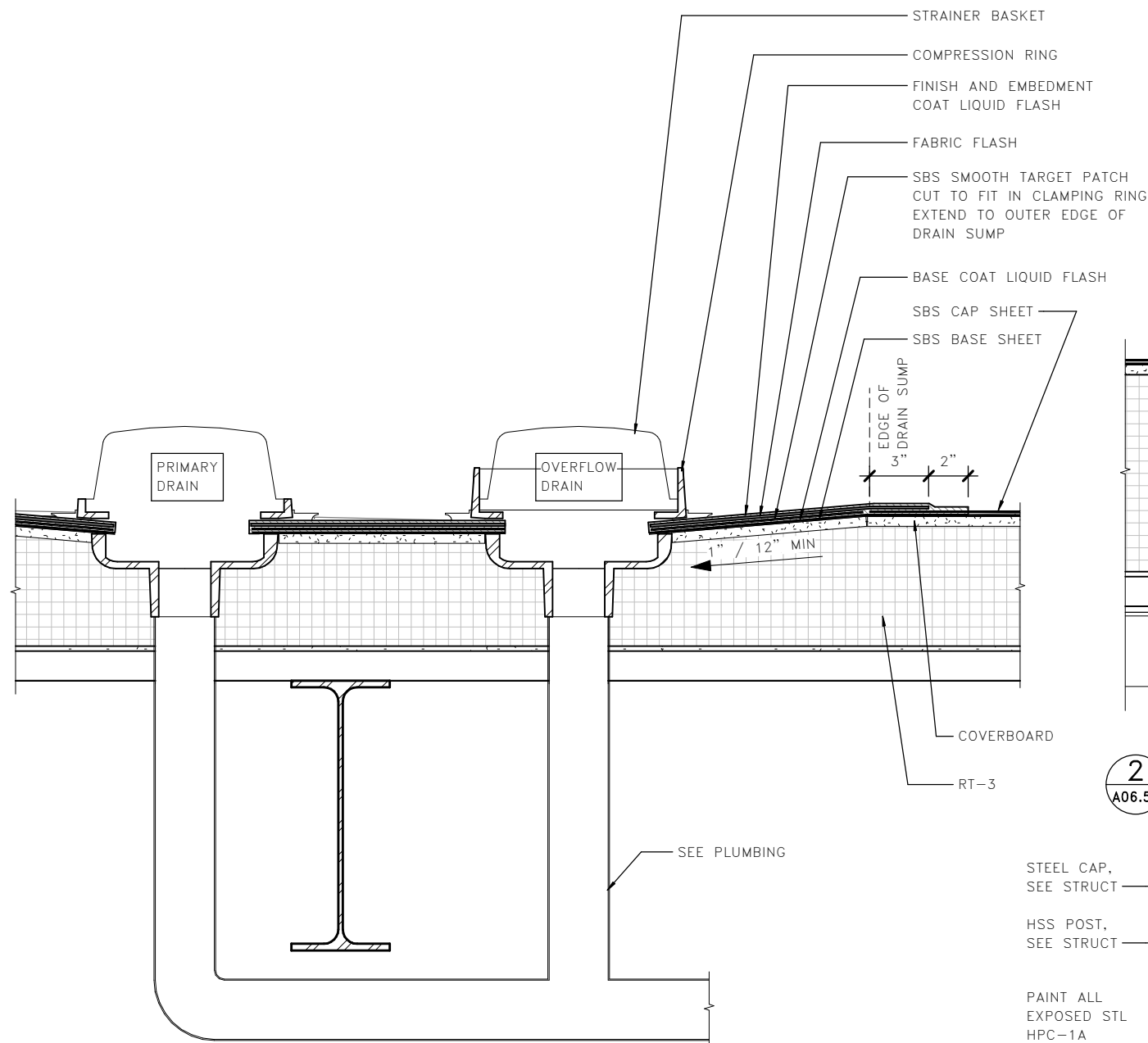
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1018

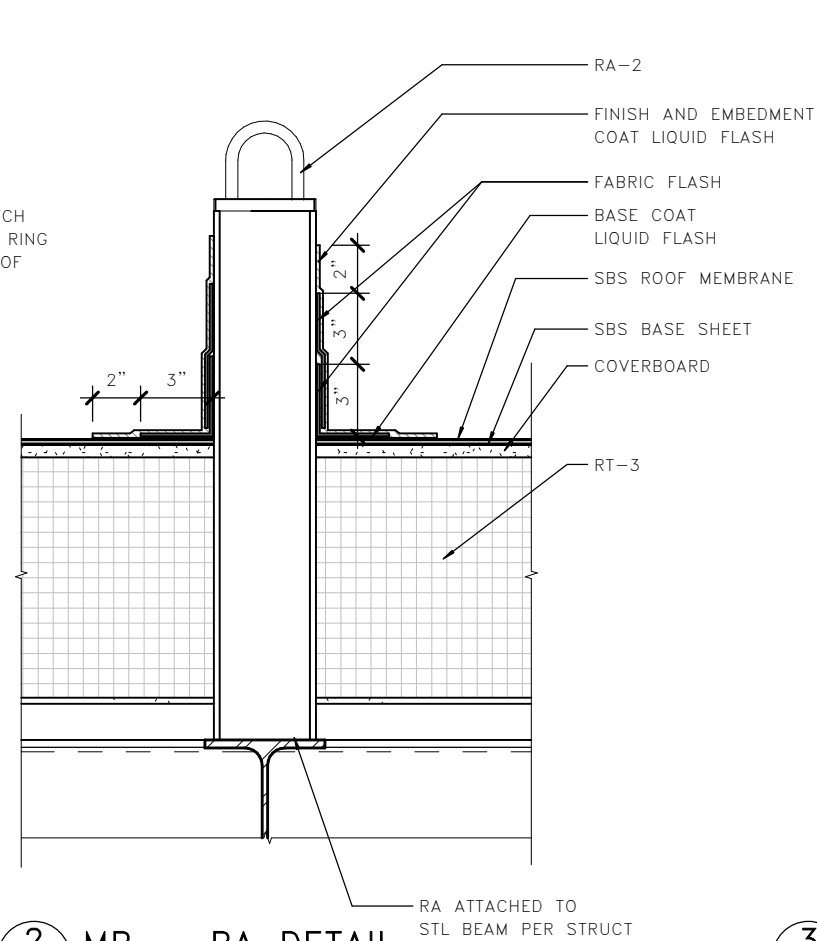
OF

1521

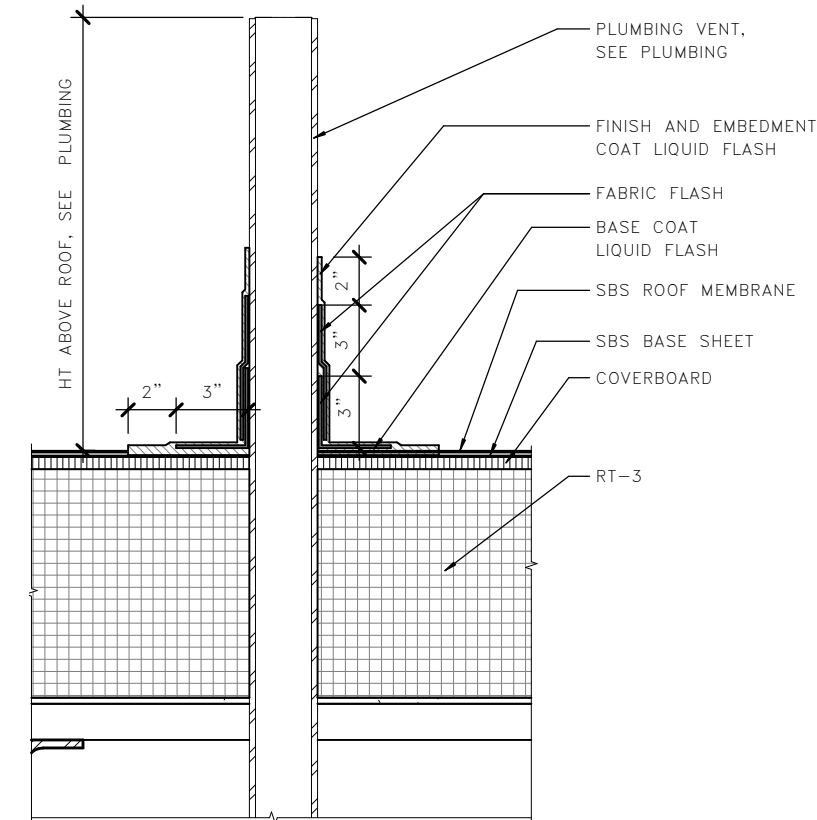
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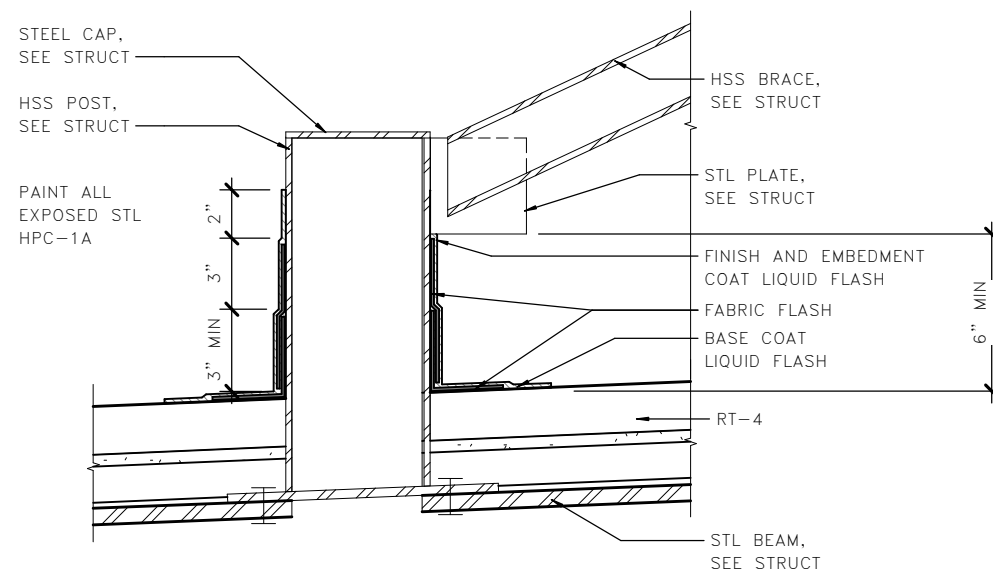
1 ROOF DRAIN DETAIL
A06.59



2 MB - RA DETAIL
A06.59



3 MB - PLUMBING VENT DETAIL
A06.59



4 MB - PIPE PENETRATION
A06.59

LMN

0 4" 8"

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ENTERED BY:	G. BISHOP	01/18/2019			JOB NUMBER	
CHECKED BY:	M. FISHER	01/18/2019			18W121	
MAR PROJ ENGR:	C. TORRES				CONTRACT NO.	
DGN ENGR MNGR:	N. MCINTOSH		CONFORMED PLANS	01/18/19	00****	
ASST SECRETARY:	A. SCARTON		REVISION	DATE	BY	

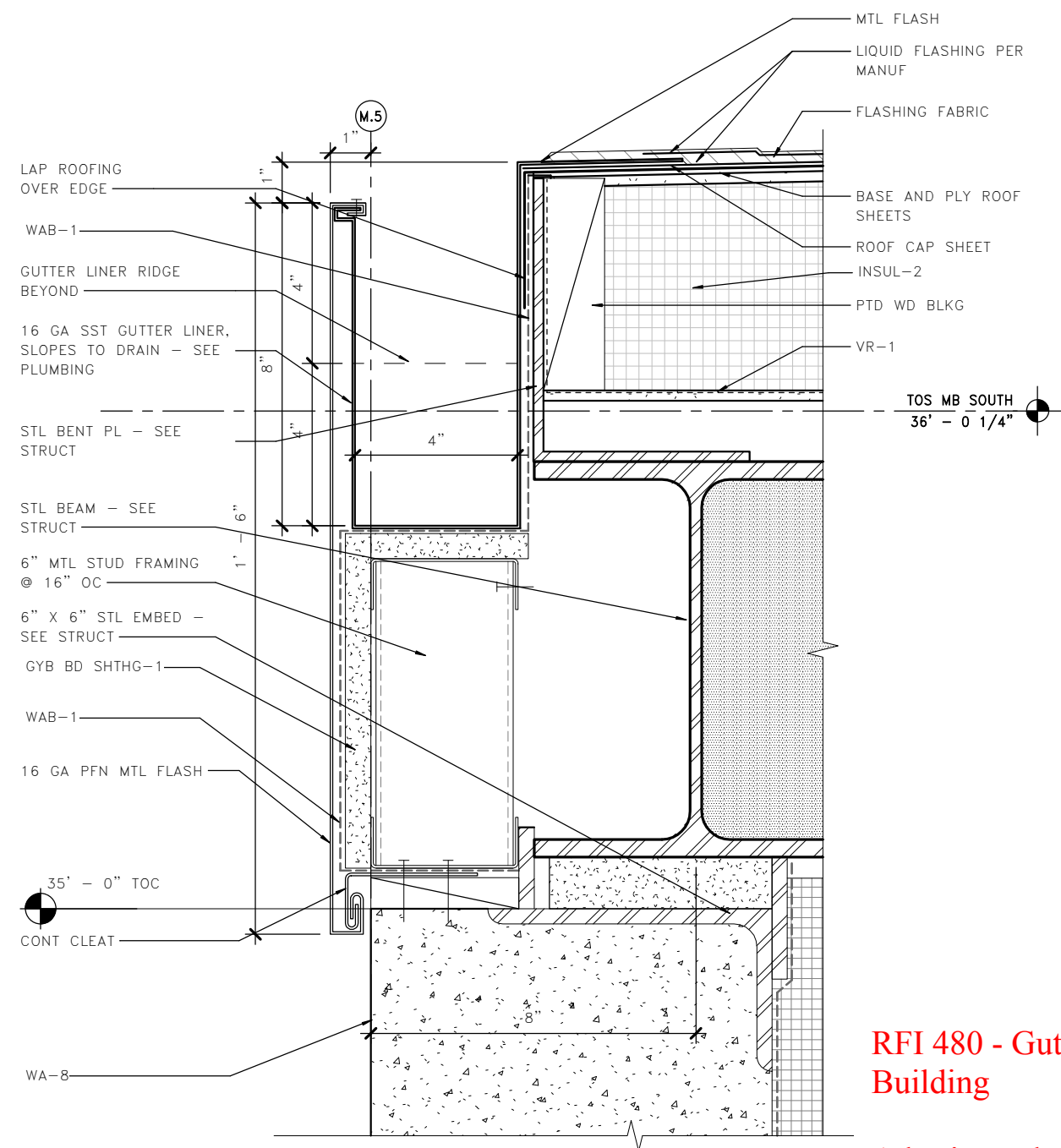
DATE

01/18/19
DATE

Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
MAINTENANCE - EXTERIOR DETAILS

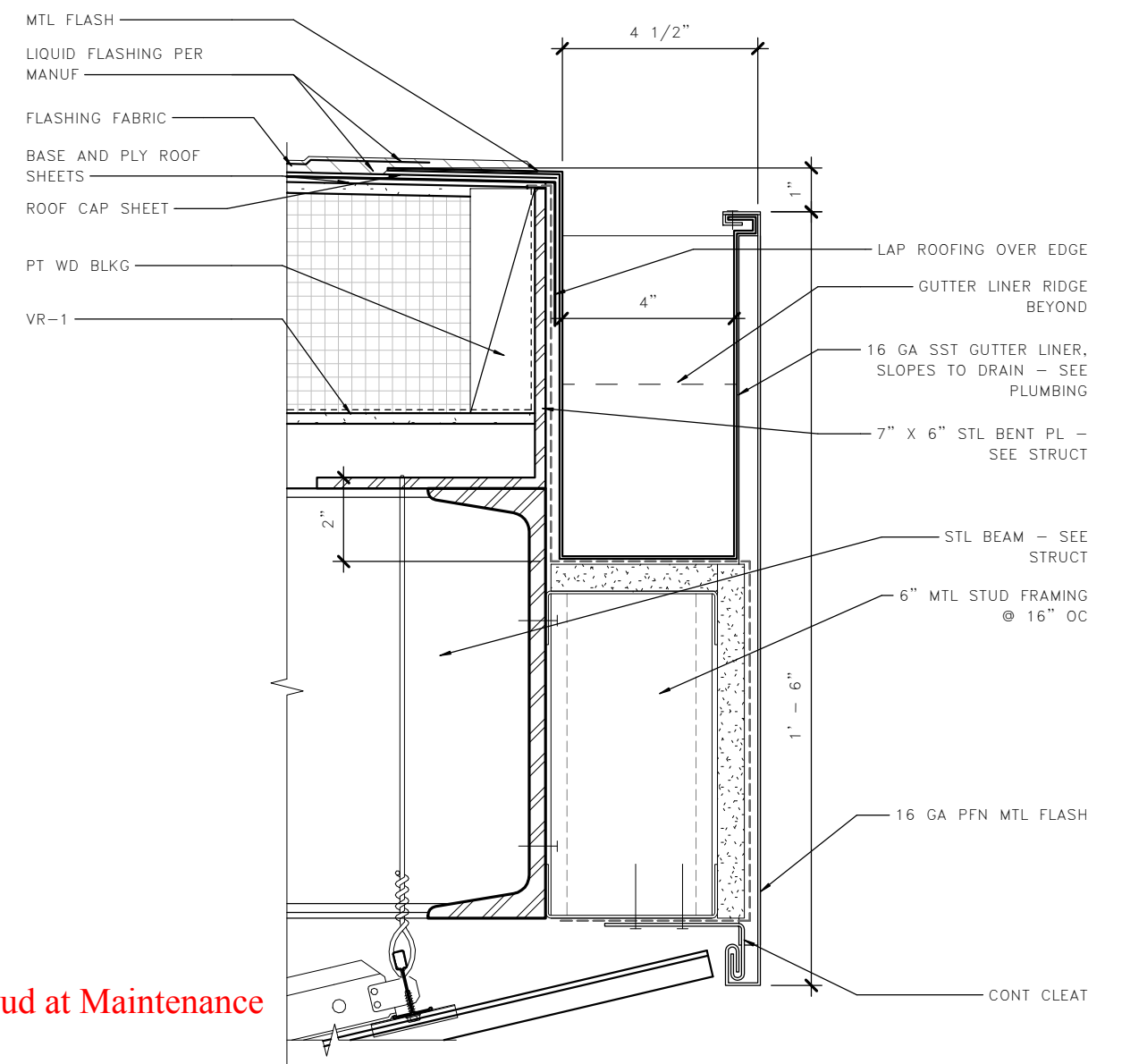
A06.59
SHEET
1019
OF
1521
SHEETS



2 ROOF DETAIL - GUTTER
A06.60

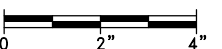
RFI 480 - Gutter Shroud at Maintenance Building

A horizontal rib is not acceptable at this location as it will collect dirt and grime. Provide pre-finished material for the flashing stiff enough to span without oil canning.



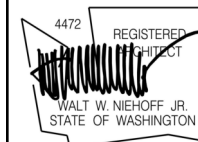
RFI 480

3 ROOF DETAIL - GUTTER
A06.60



LMN

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CHECKED BY:	M. FISHER		01/18/2019		18W121	
MAR PROJ ENGR:	C. TORRES				CONTRACT NO.	
DGN ENGR MNGR:	N. MCINTOSH				00****	
ASST SECRETARY:	A. SCARTON					
		CONFORMED PLANS	01/18/19			
		REVISION	DATE	BY		

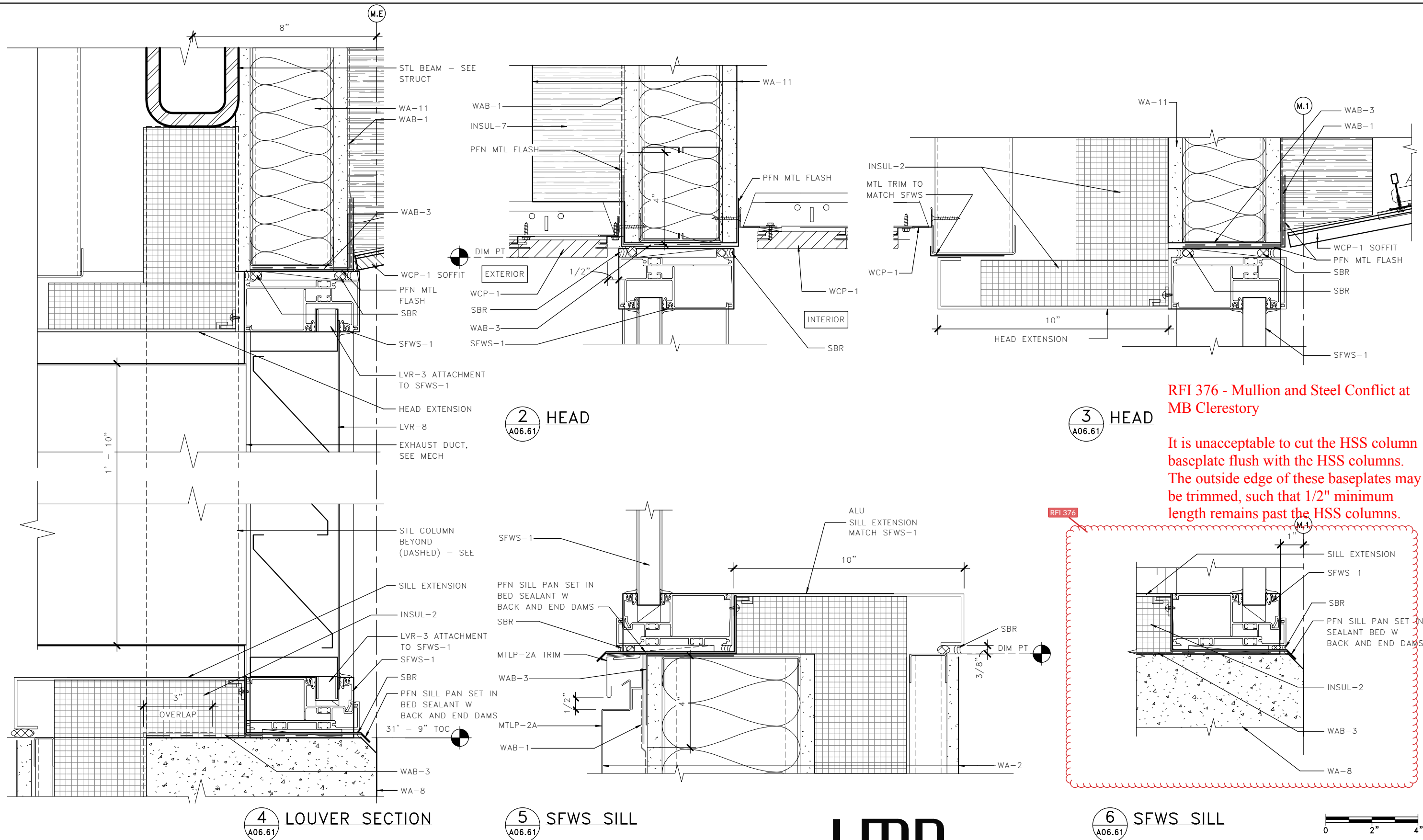


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SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
MAINTENANCE - EXTERIOR DETAILS

A06.60
SHEET
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OF
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SHEETS



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ENTERED BY: G. BISHOP	01/18/2019	JOB NUMBER 18W121	
CHECKED BY: M. FISHER	01/18/2019	CONTRACT NO. 00****	
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ASST SECRETARY: A. SCARTON			

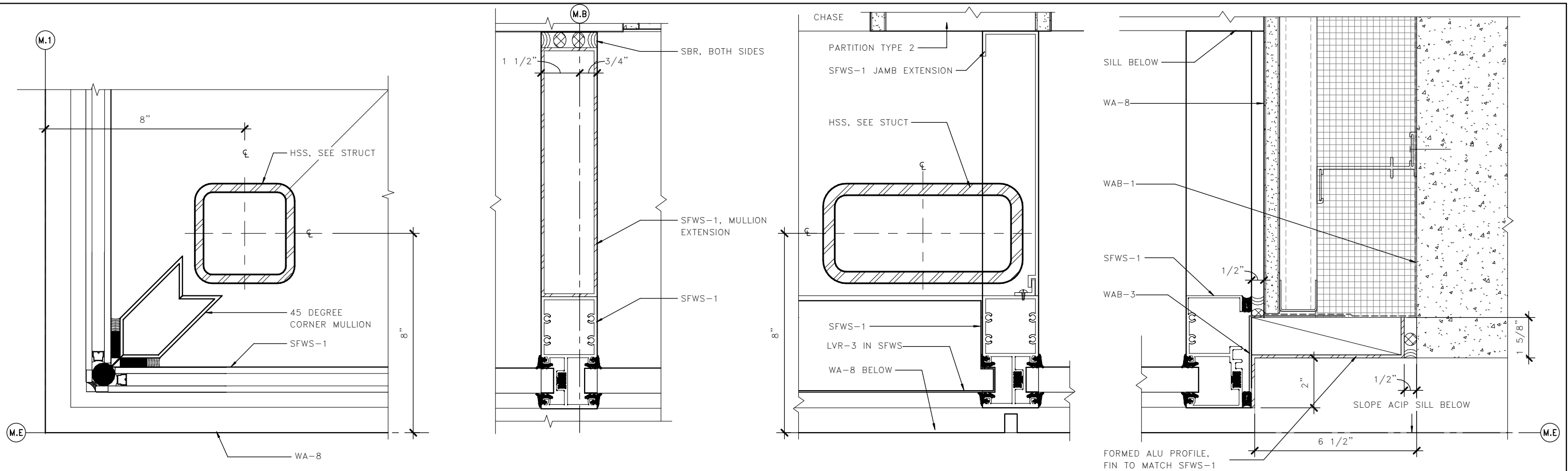
4472
REGISTERED
ARCHITECT
WALT W. NIEHOFF JR.
STATE OF WASHINGTON

DATE 01/18/19

Washington State
Department of Transportation
WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
MAINTENANCE – WINDOW DETAILS

A06.61
SHEET
1021
OF
1521
SHEETS

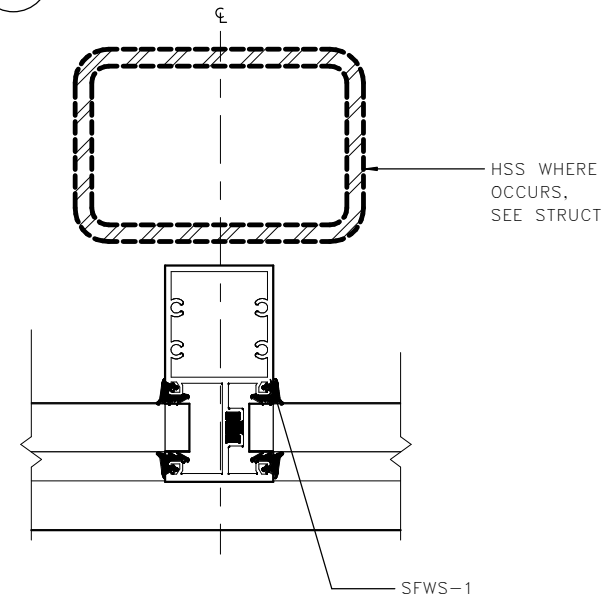


1 CORNER MULLION
A06.62

2 MULLION AT SHEAR WALL
A06.62
 0 2" 4"
 3" = 1'-0"

3 MULLION AT PLUMBING WALL
A06.62

4 MULLION AT CONC WALL
A06.62



7 MULLION AT COLUMN
A06.62

LMN

0 2" 4"

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MAR PROJ ENGR: C. TORRES		CONFORMED PLANS	01/18/19			
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DATE

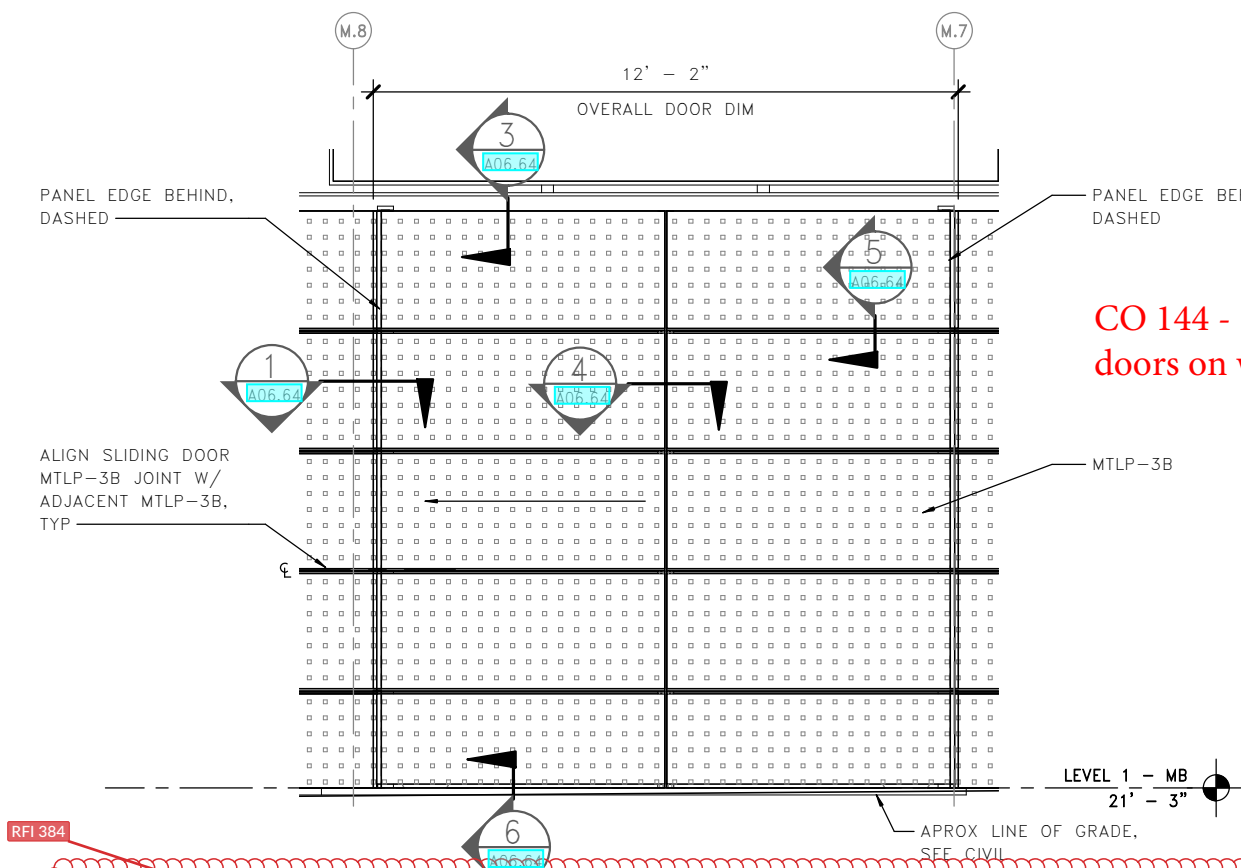


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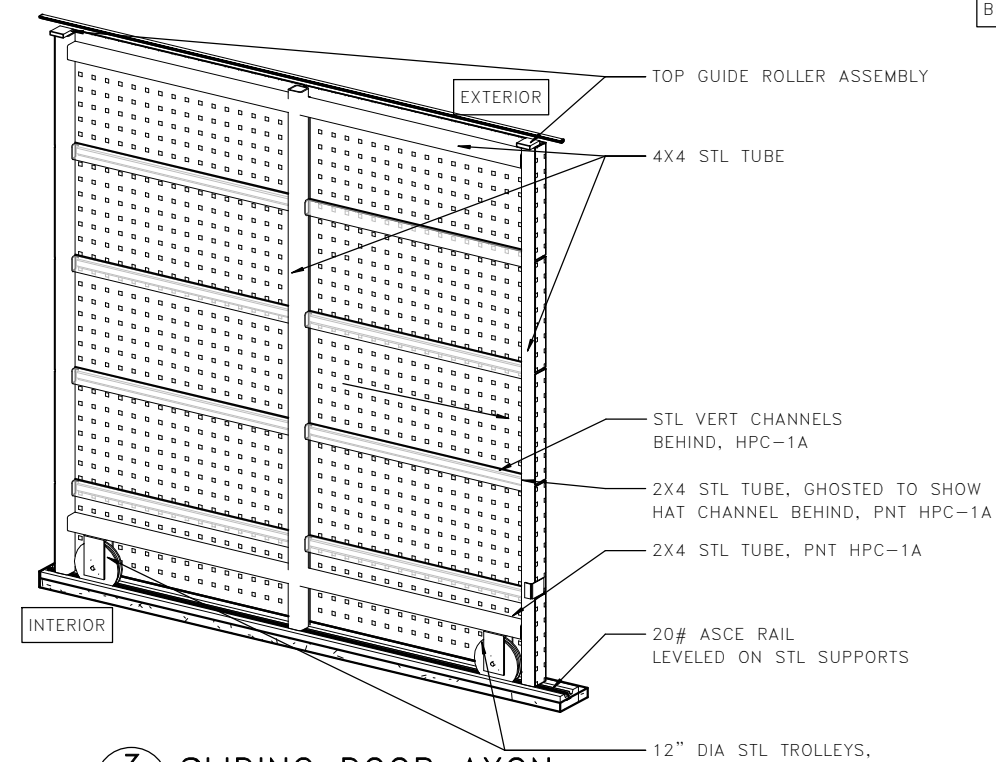


SR 525
 MUKILTEO FERRY TERMINAL (PHASE 2)
 FERRY TERMINAL CONSTRUCTION
 MAINTENANCE – WINDOW DETAILS

A06.62
 SHEET
 1022
 OF
 1521
 SHEETS

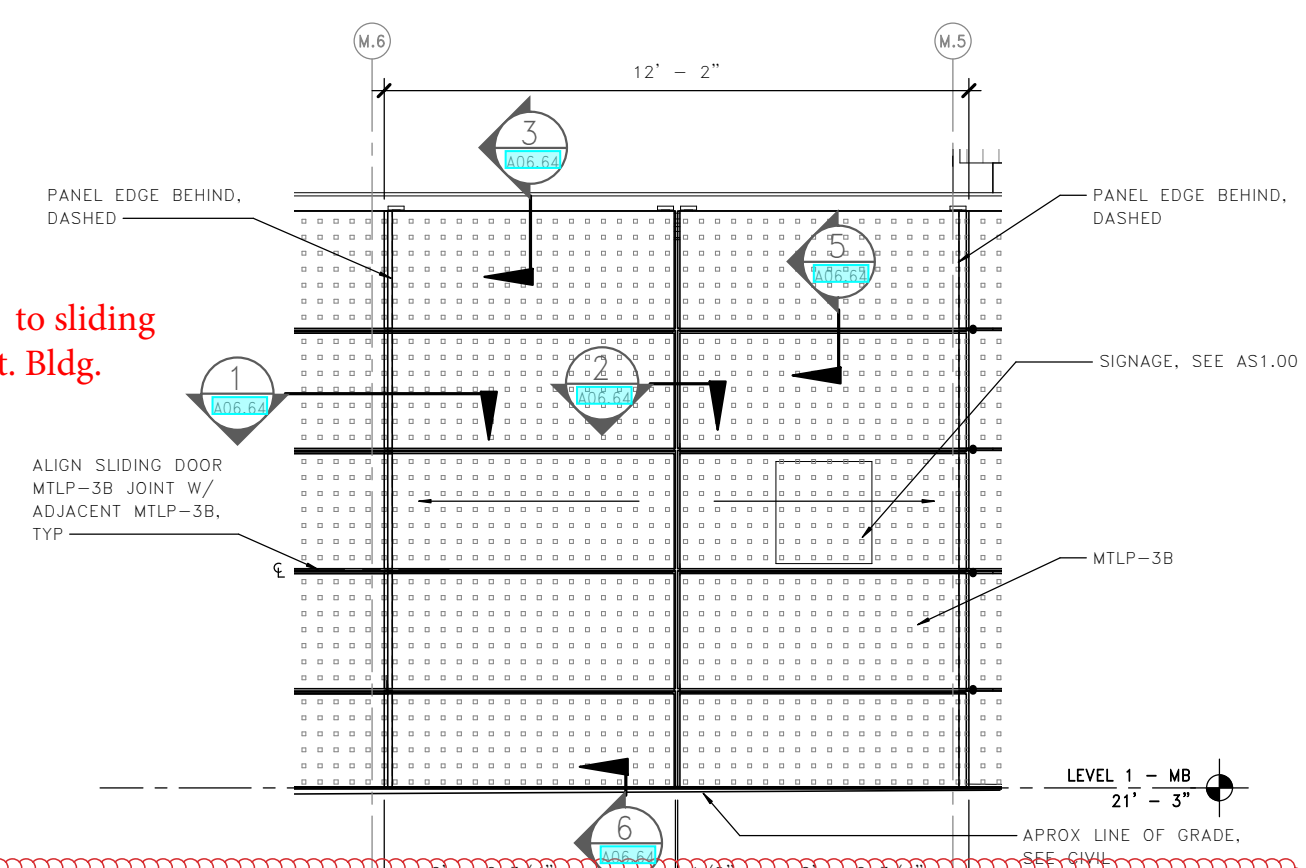


1 SLIDING DOOR ELEVATION
A06.63

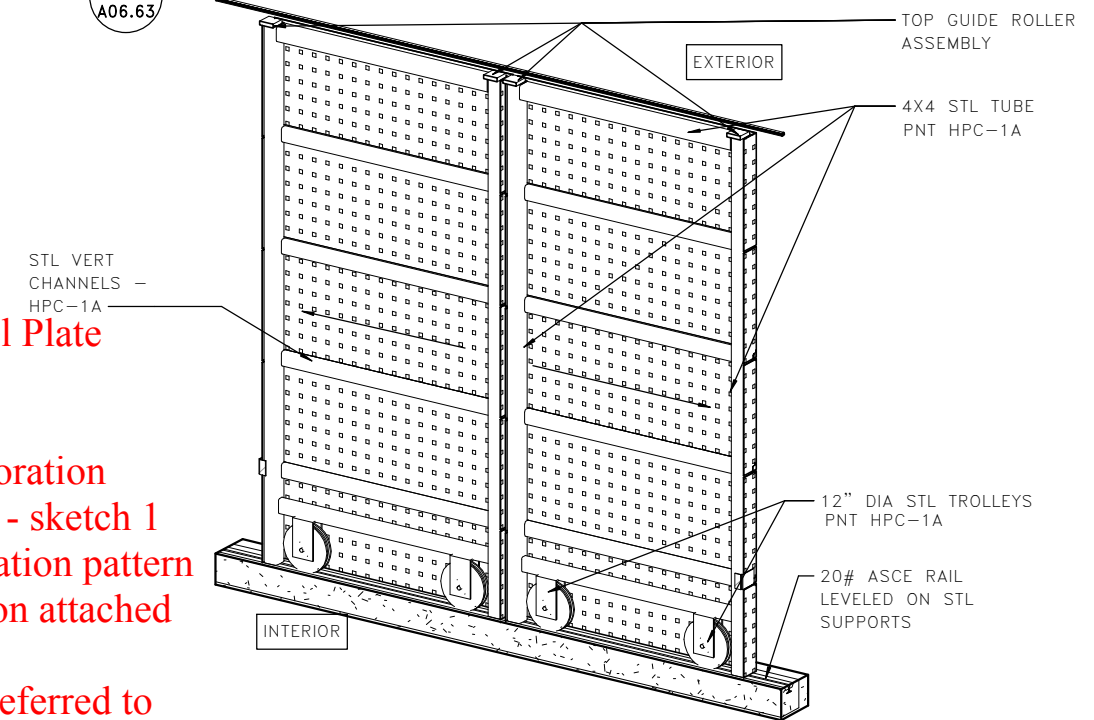


3 SLIDING DOOR AXON
A06.63

CO 144 - Added 3 handles to sliding doors on west side of Maint. Bldg.



2 BI-PARTING SLIDING DOOR ELEVATION
A06.63



4 BI-PARTING SLIDING DOOR AXON
A06.63

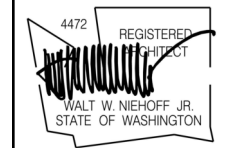
NOTE: ALL SLIDING DOOR FRAMING AND HARDWARE SHALL BE PAINTED HPC-1A, UNO

RFI 384 - Wall Panel Plate Perforation

- 1) The attached perforation pattern is acceptable - sketch 1
- 2) Extend the perforation pattern to the top as shown on attached sketch 2
- 3) The returns are preferred to be non-perforated



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DGN ENGR MNGR: N. MCINTOSH		REVISION	DATE	BY	
ASST SECRETARY: A. SCARTON					



01/18/19

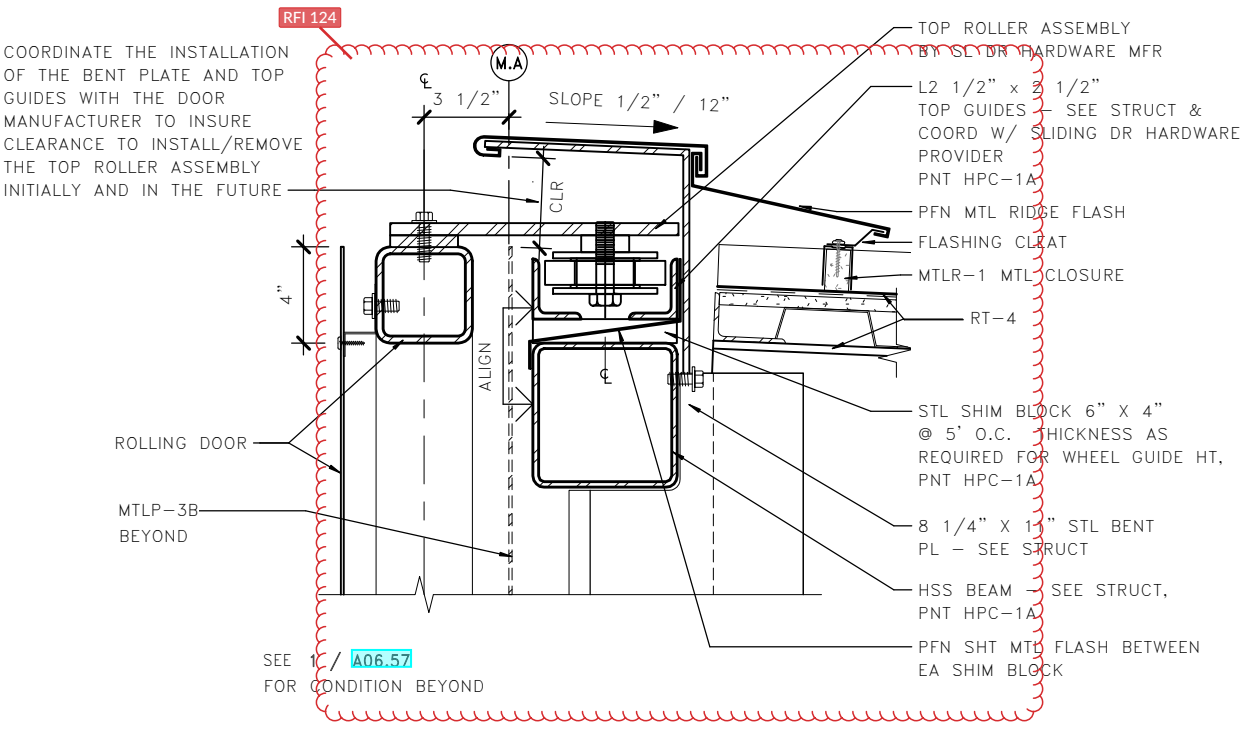


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
MAINTENANCE - SLIDING DOOR DETAILS

A06.63
SHEET
1023
OF
1521
SHEETS

RFI 124 - Decking Angle Support

Please see attached structural sketch SK-26 for info relating to the continuous steel angle, which occurs along the west side of of the "Covered Cart & Bull Storage" area.



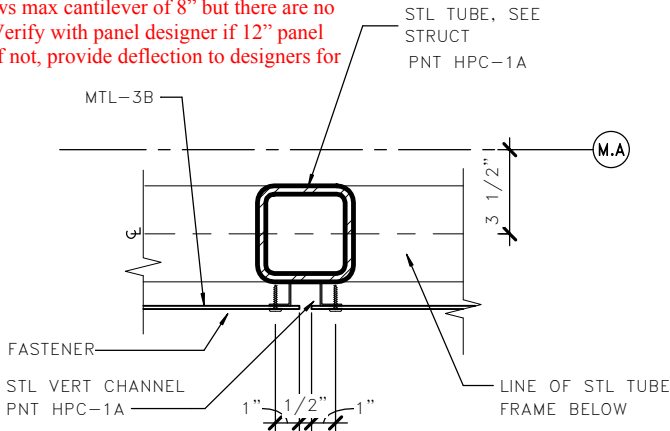
1 EDGE - BI-PARTING SLIDING DOOR
A06.64

RFI 333 - Screen Wall Structure Support

1. At the location of the fixed screen panels there is a concrete curb at the bottom edge of the panel (see 6/A06.56) The face of the curb should align with the face of the steel structure so metal clips for the panel system could be attached to the concrete at the bottom edge.
2. Yes, per 1,2/A06.63, the horizontal members on the rolling doors should align with the horizontal members at the fixed wall. The structural drawings refer to Architectural for horizontal control so there should be no discrepancy.
3. Without knowing what the hardware on the doors is, it is difficult to propose additional support for the bottom of the rolling door panels.

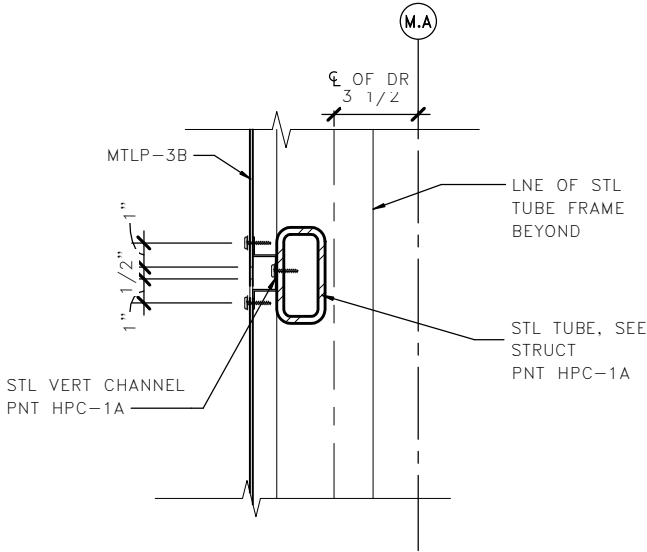
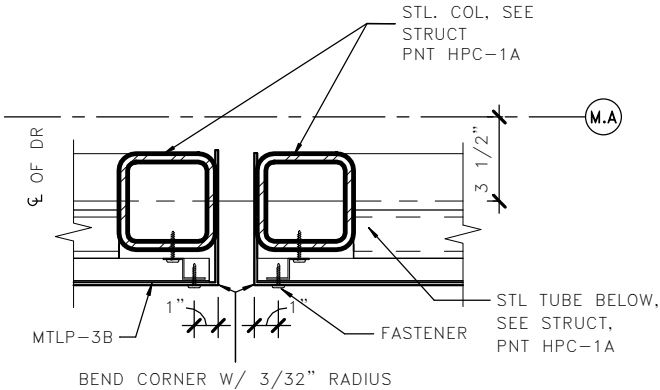
Wall panel submittal shows max cantilever of 8" but there are no supporting calculations. Verify with panel designer if 12" panel cantilever is acceptable. If not, provide deflection to designers for evaluation for acceptance

NOTE:
ALL SLIDING DOOR FRAMING AND HARDWARE SHALL BE PAINTED HPC-1A, UNO



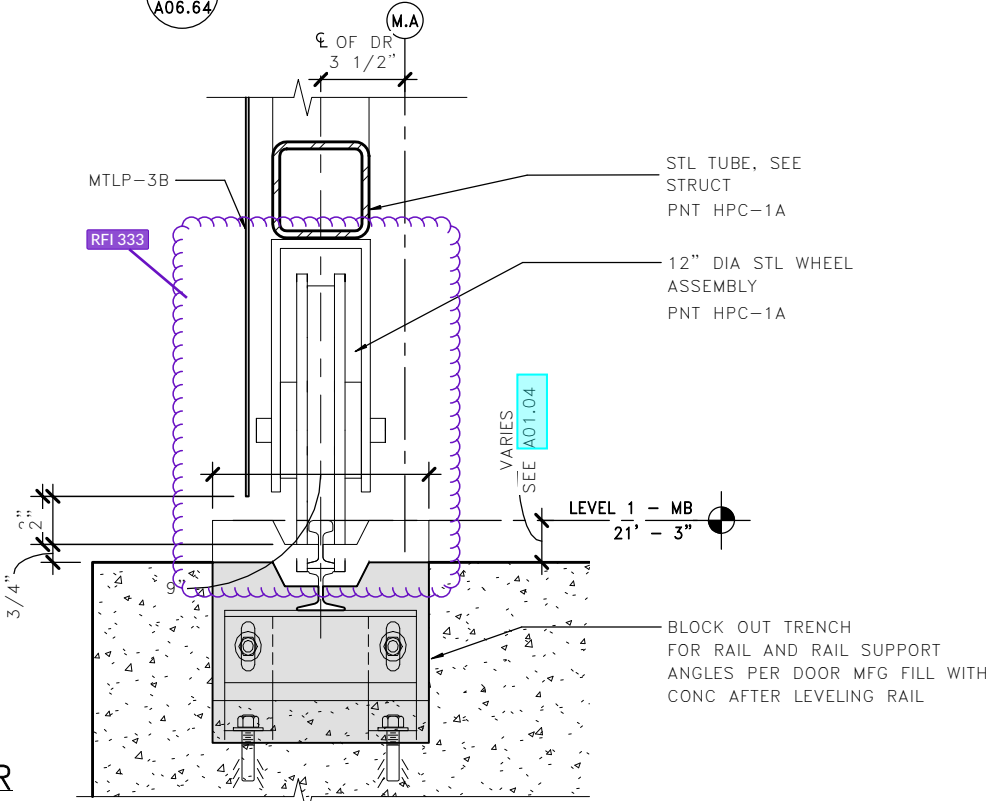
4 VERTICAL JT - BI-PARTING SLIDING DOOR
A06.64

2 EDGE - BI-PARTING ROLLING DOOR
A06.64

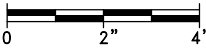


5 HORIZONTAL JT - BI-PARTING SLIDING DR
A06.64

3 TOP - BI-PARTING SLIDING DOOR
A06.64



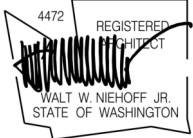
6 BOTTOM - BI-PARTING SLIDING DOOR
A06.64



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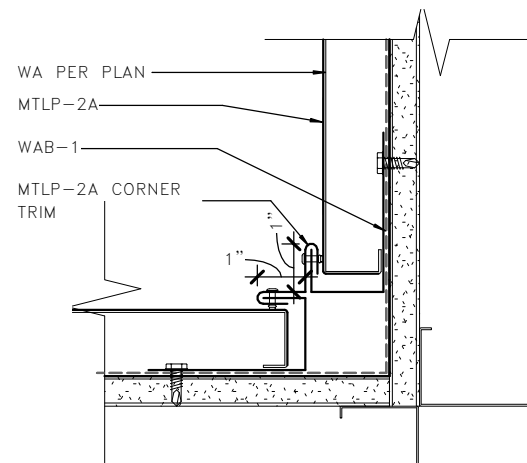


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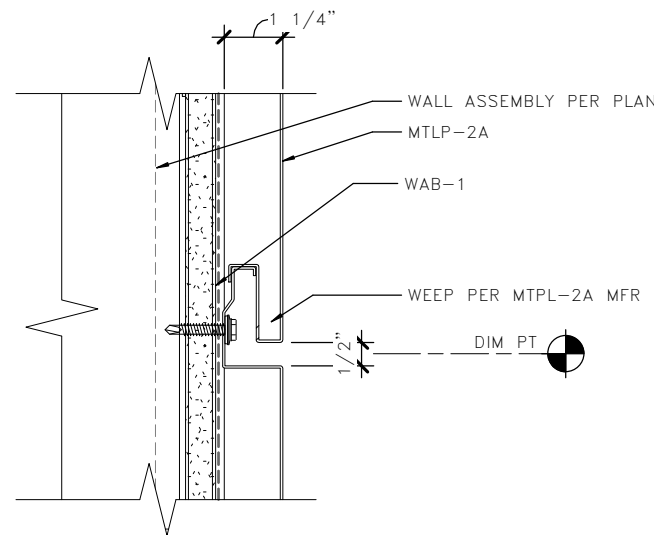


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
MAINTENANCE - SLIDING DOOR DETAILS

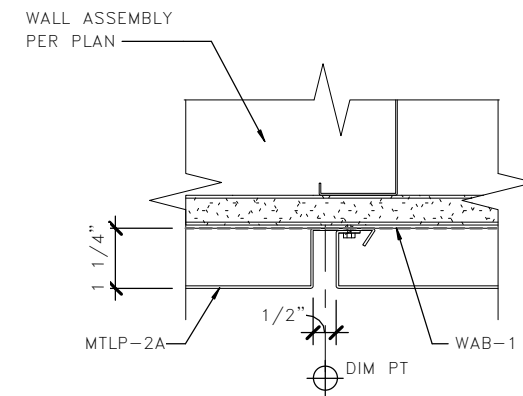
A06.64
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OF
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SHEETS



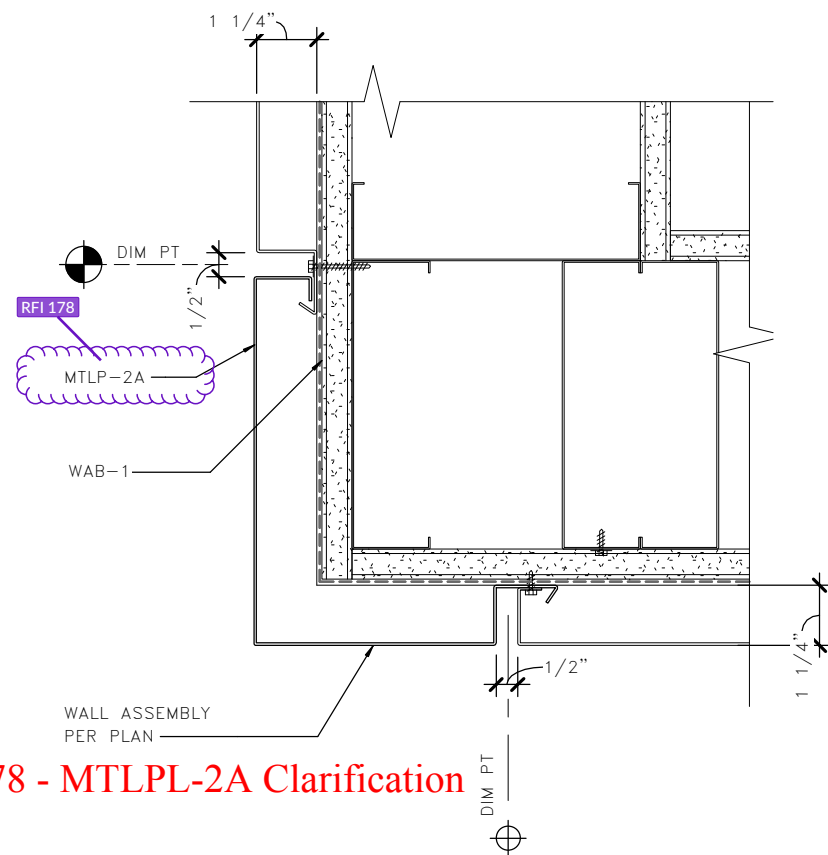
1 INSIDE CORNER DETAIL - PLAN MTLPL-2
A06.65



2 HORIZONTAL JOINT MTLPL-2
A06.65



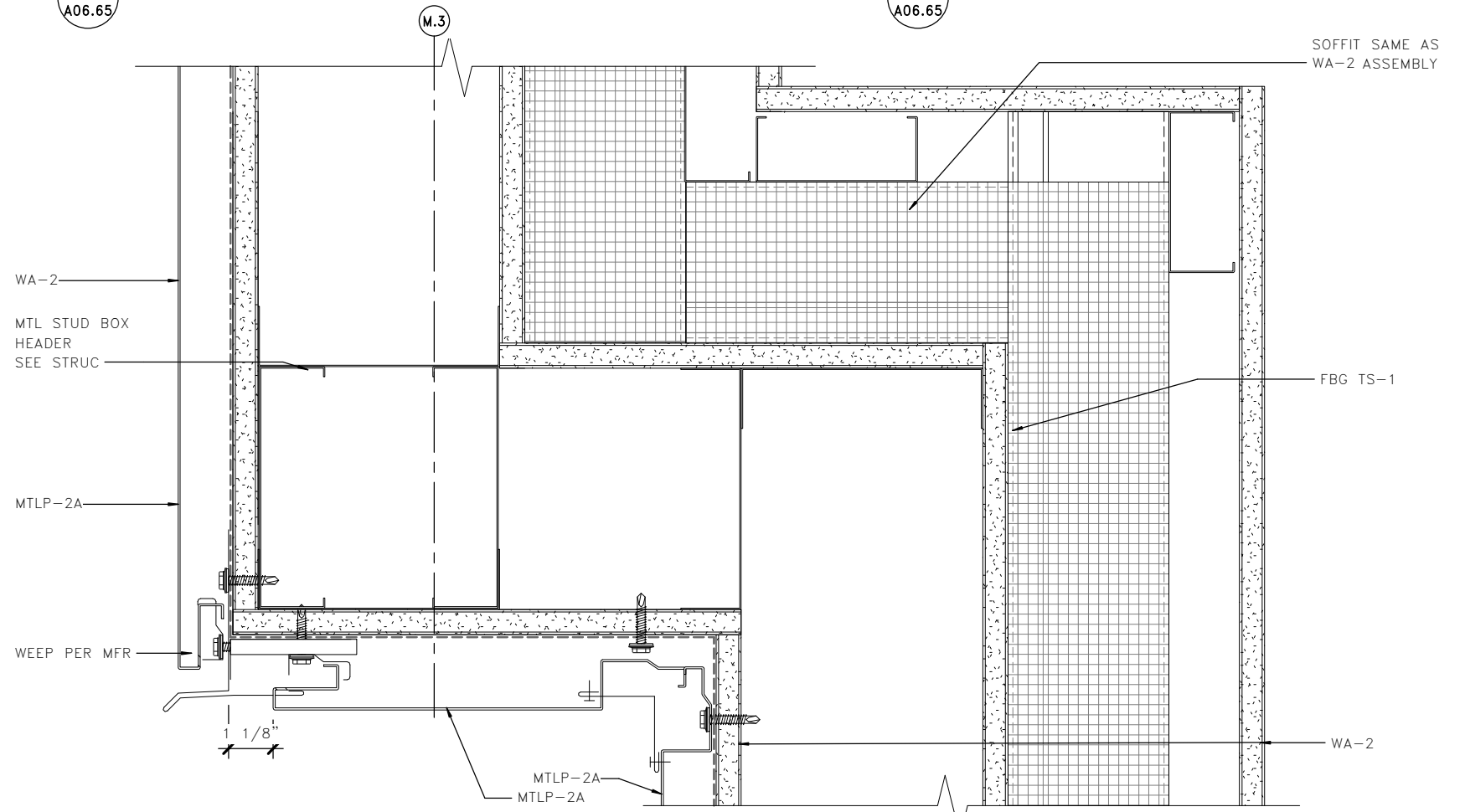
3 VERTICAL JOINT MTLPL-2
A06.65



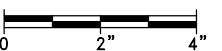
RFI 178 - MTLPL-2A Clarification

MTLP-2A should be the NorthClad
dual interlocking AL series

4 OUTSIDE CORNER DETAIL - PLAN MTLPL-2
A06.65

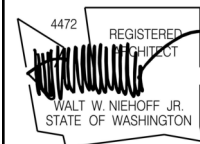


5 ALCOVE SOFFIT DETAIL
A06.65



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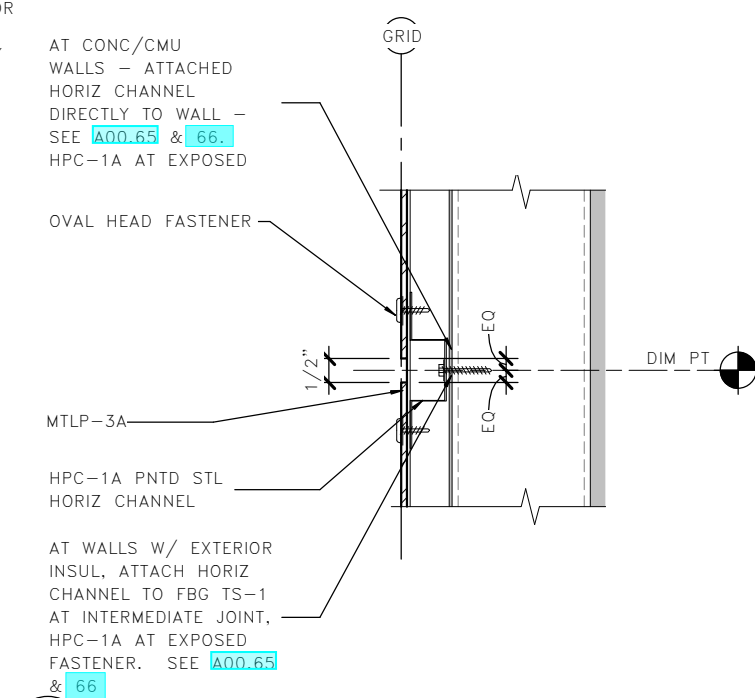
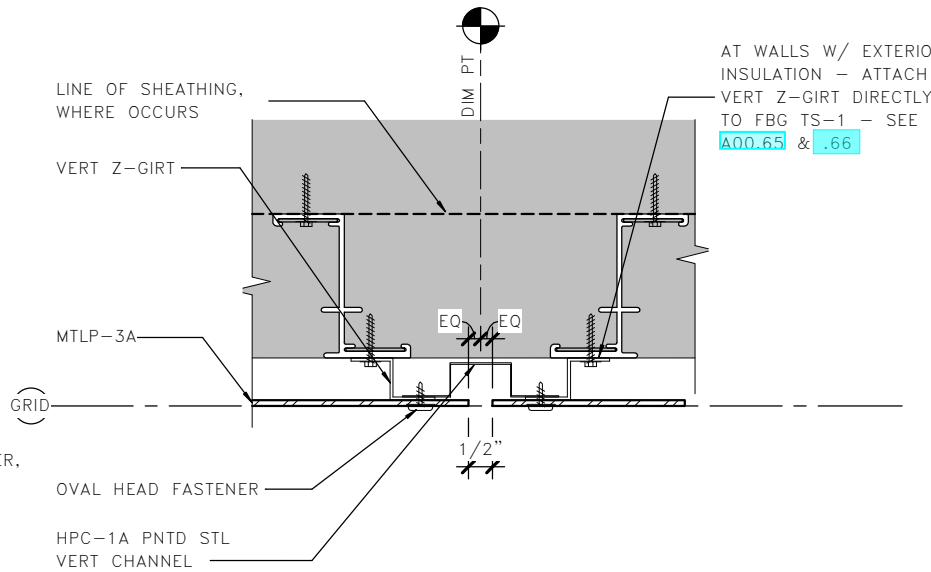
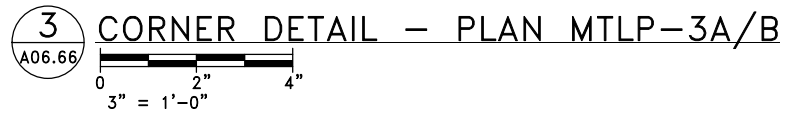
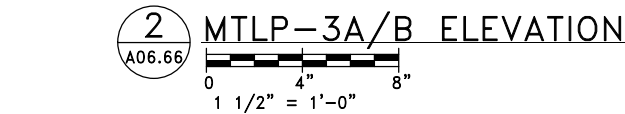
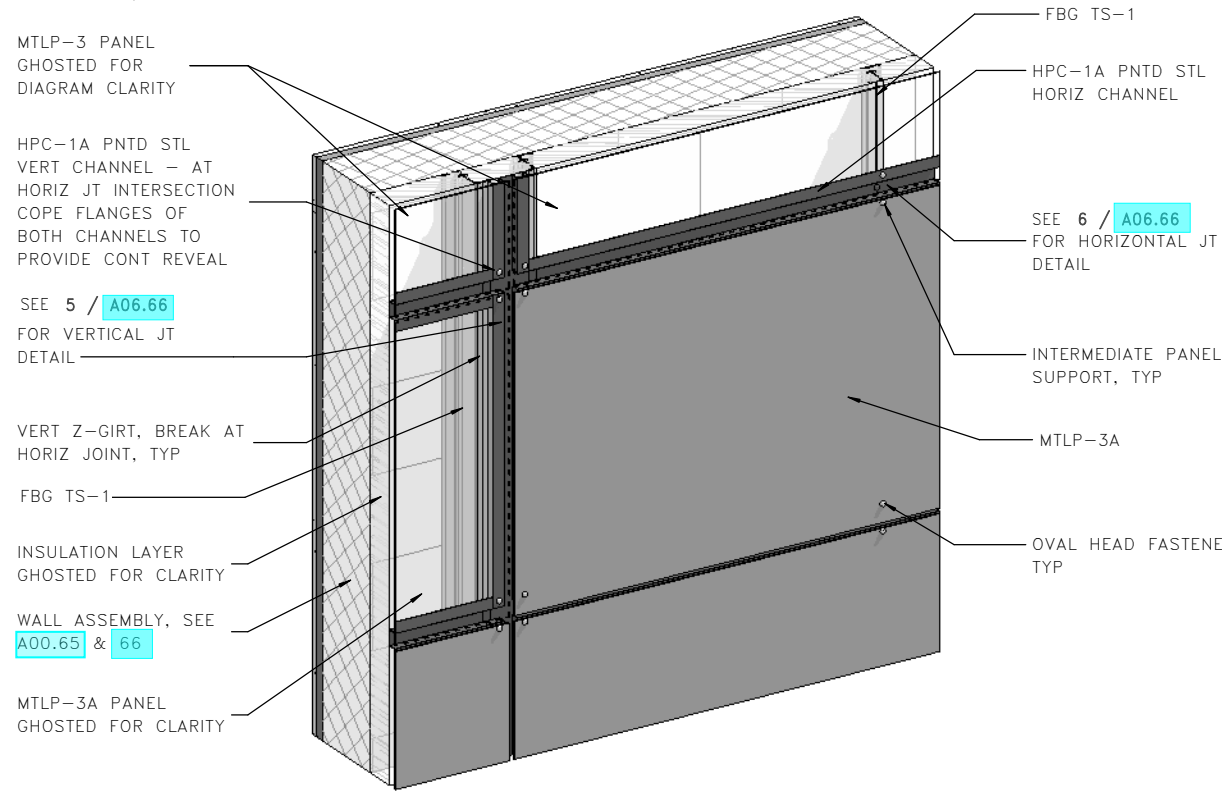
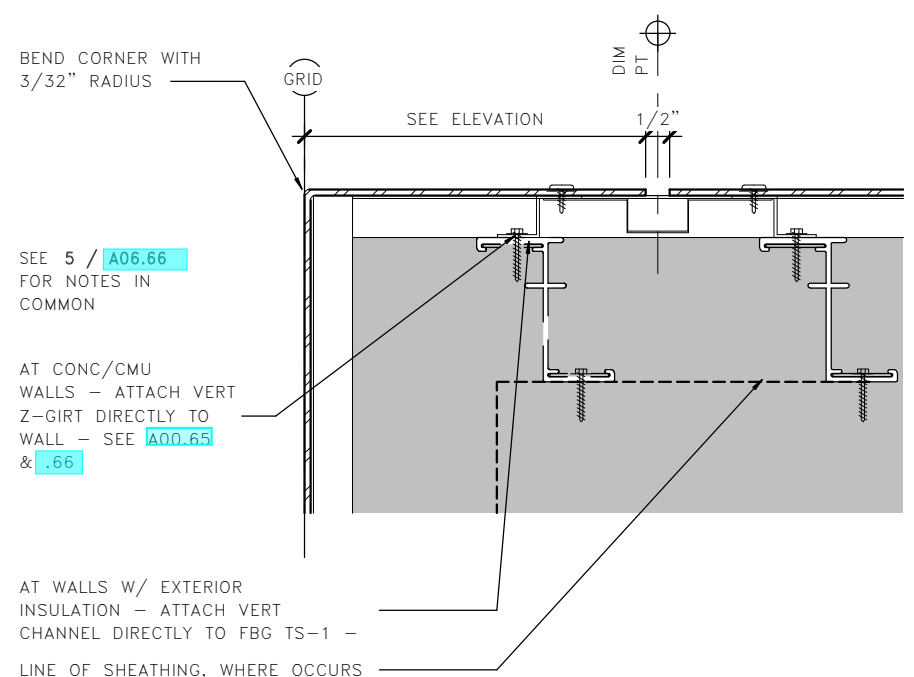
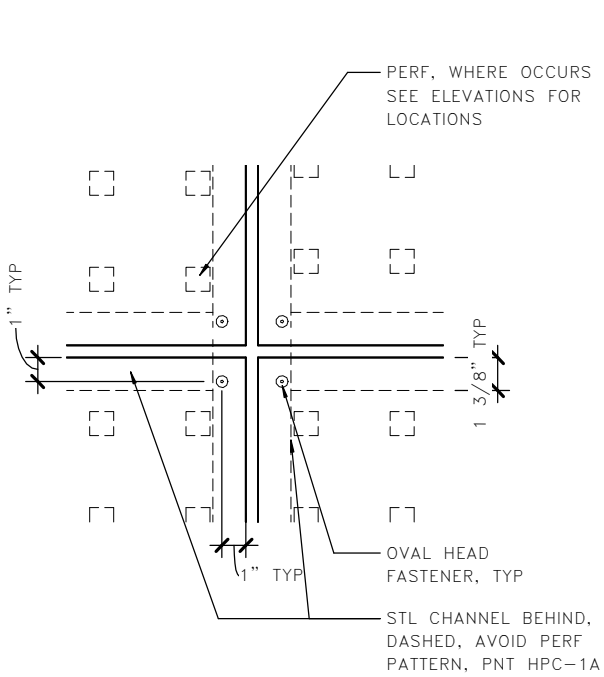
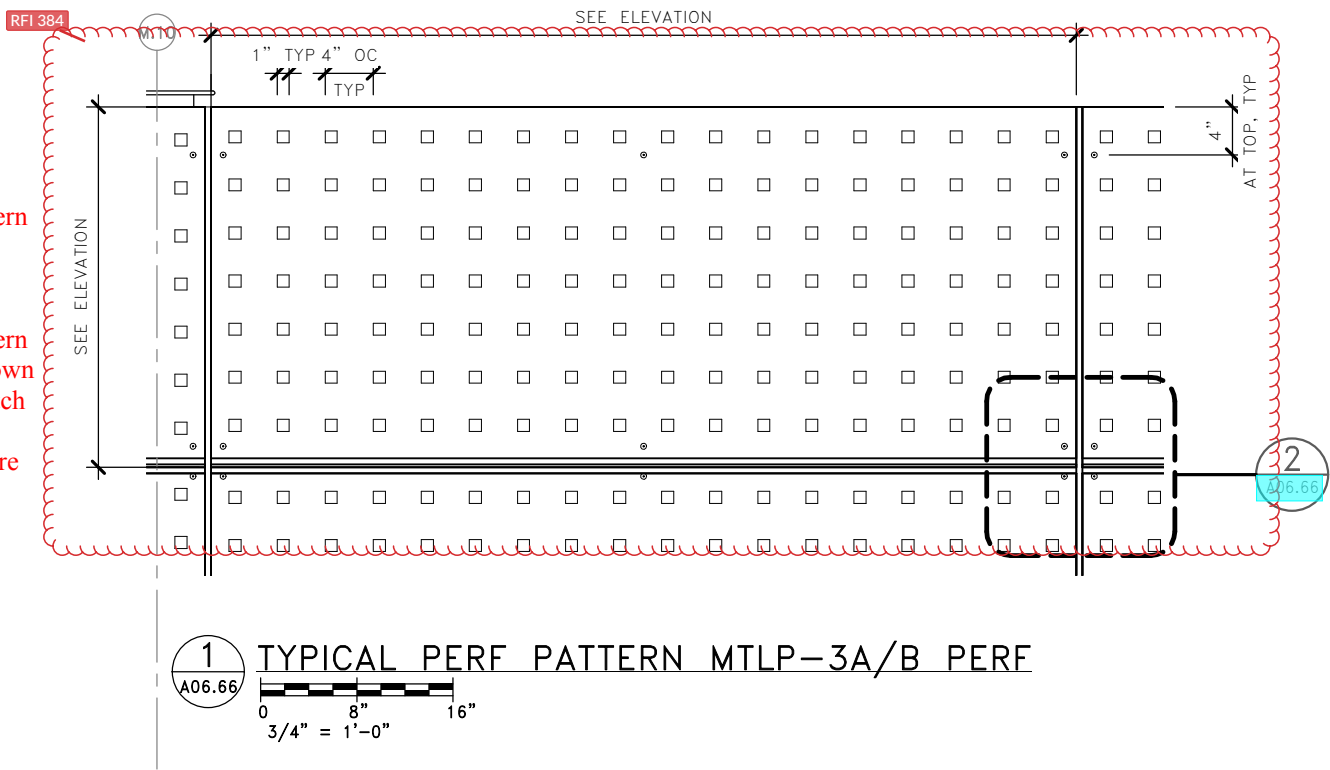


SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION
MAINTENANCE - MTLPL-2 DETAILS

A06.65
SHEET
1025
OF
1521
SHEETS

RFI 384 - Wall
Panel Plate
Perforation

- 1) The attached
perforation pattern
is acceptable -
sketch 1
2) Extend the
perforation pattern
to the top as shown
on attached sketch
2
3) The returns are
preferred to be
non-perforated



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STATE OF WASHINGTON

01/18/19

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WASHINGTON STATE FERRIES

SR 525
MUKILTEO FERRY TERMINAL (PHASE 2)
FERRY TERMINAL CONSTRUCTION

EXTERIOR DETAILS - MTLP-3

A06.66

SHEET
1026
OF
1521
SHEETS