

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



MAINTENANCE GARAGE FORT FAIRFIELD AROOSTOOK COUNTY

WIN # 027323.00F

SPECIFICATIONS

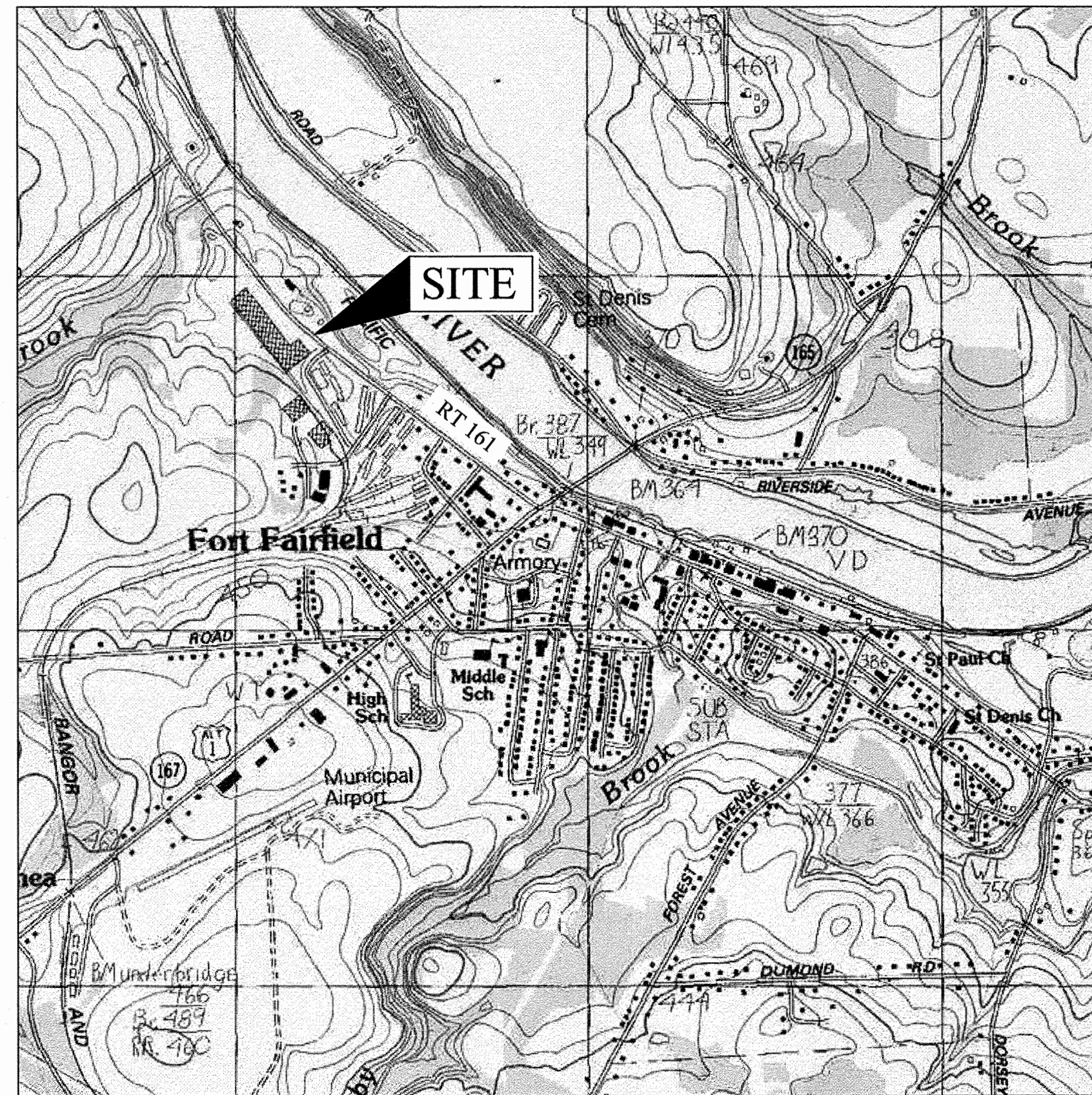
DESIGN: INTERNATIONAL BUILDING CODE 2015
ACI 318-08

DESIGN LOADING

LIVE LOAD SLAB-ON-GRADE 400 PSF
UNIFORM LOAD
GROUND SNOW LOAD 100 PSF
WIND SPEED 115 MPH

MATERIALS

REINFORCING STEEL ASTM A615, GRADE 60



LOCUS MAP NOT TO SCALE

INDEX OF SHEETS

COVER SHEET.....	1
STRUCTURAL NOTES.....	2
EXISTING & PROPOSED SITE LAYOUT PLAN.....	3
PLANS AND ELEVATIONS.....	4
ARCHITECTURAL SECTIONS AND DETAILS.....	5
DOOR SCHEDULE AND DETAILS.....	6
STRUCTURAL DETAILS AND SECTIONS.....	7
LIGHTING PLAN.....	8
FIRST FLOOR MEP PLAN.....	9
ELECTRICAL NOTES & MEP LEGEND.....	10
ONE-LINE DIAGRAM & PANEL SCHEDULE.....	11
MECHANICAL & PLUMBING SCHEDULES.....	12

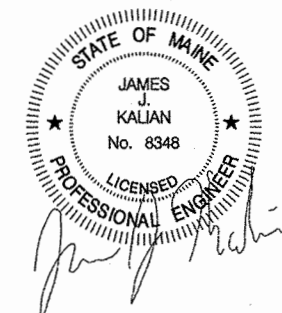
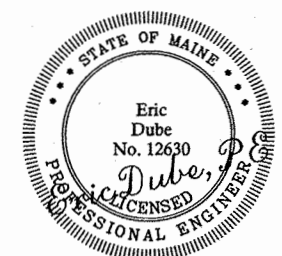
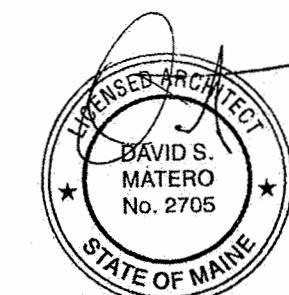
PROJECT LOCATION	86 S CARIBOU ROAD FORT FAIRFIELD, MAINE
PROGRAM AREA	MAINTENANCE & OPERATIONS
SCOPE OF WORK	2400 FT ² MAINTENANCE GARAGE

CONSULTANTS:

TRILLIUM ENGINEERING GROUP
189 MAIN STREET SUITE 200
YARMOUTH, ME 04096

DAVID MATERO ARCHITECTURE
49 CENTRE STREET
BATH, ME 04530

BENNETT ENGINEERING
7 BENNETT ROAD,
FREEPORT, ME 04032



STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>		7-19-23
CHIEF ENGINEER: <i>[Signature]</i>		9-19-2023

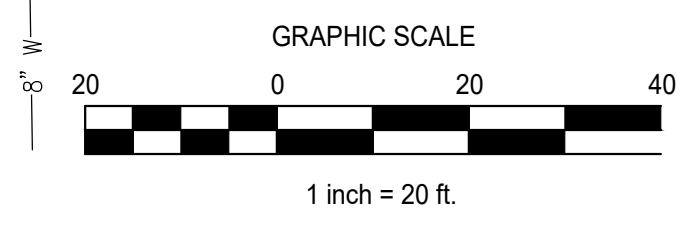
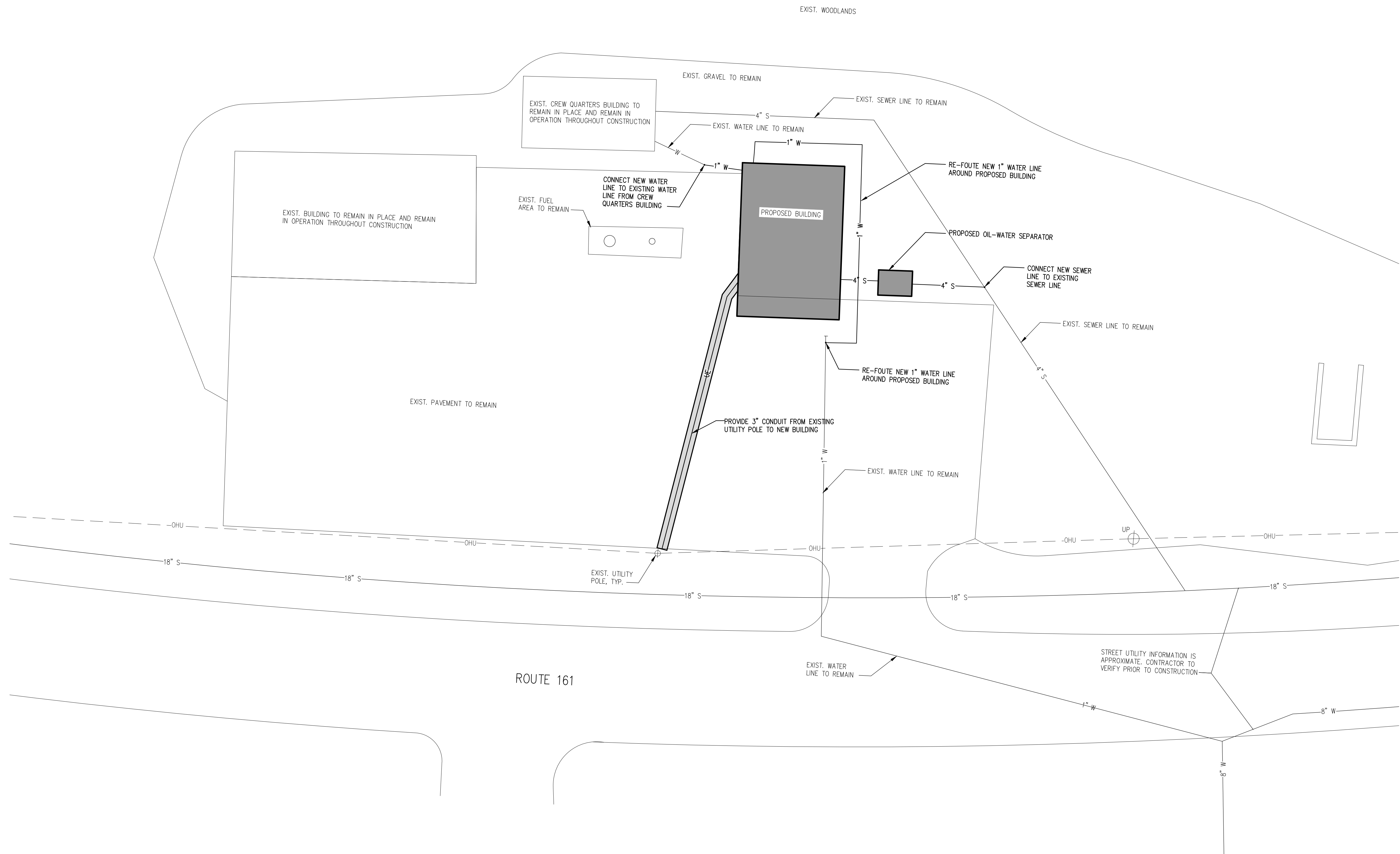


DATE	BY	DESIGN-DETAILED	CHECKED-REVIEWED	ISSUED FOR BID	REVISION 1	REVISION 2	REVISION 3	FIELD CHANGES
3-9-18	CD							
3-9-18	ED							
7-11-23	ED							
ME-12830								
PE NUMBER								
7-11-23								
DATE								

**FORT FAIRFIELD
MAINTENANCE GARAGE**

TITLE SHEET

SHEET NUMBER
1



EXISTING & PROPOSED SITE LAYOUT PLAN

SCALE: 1"=20'

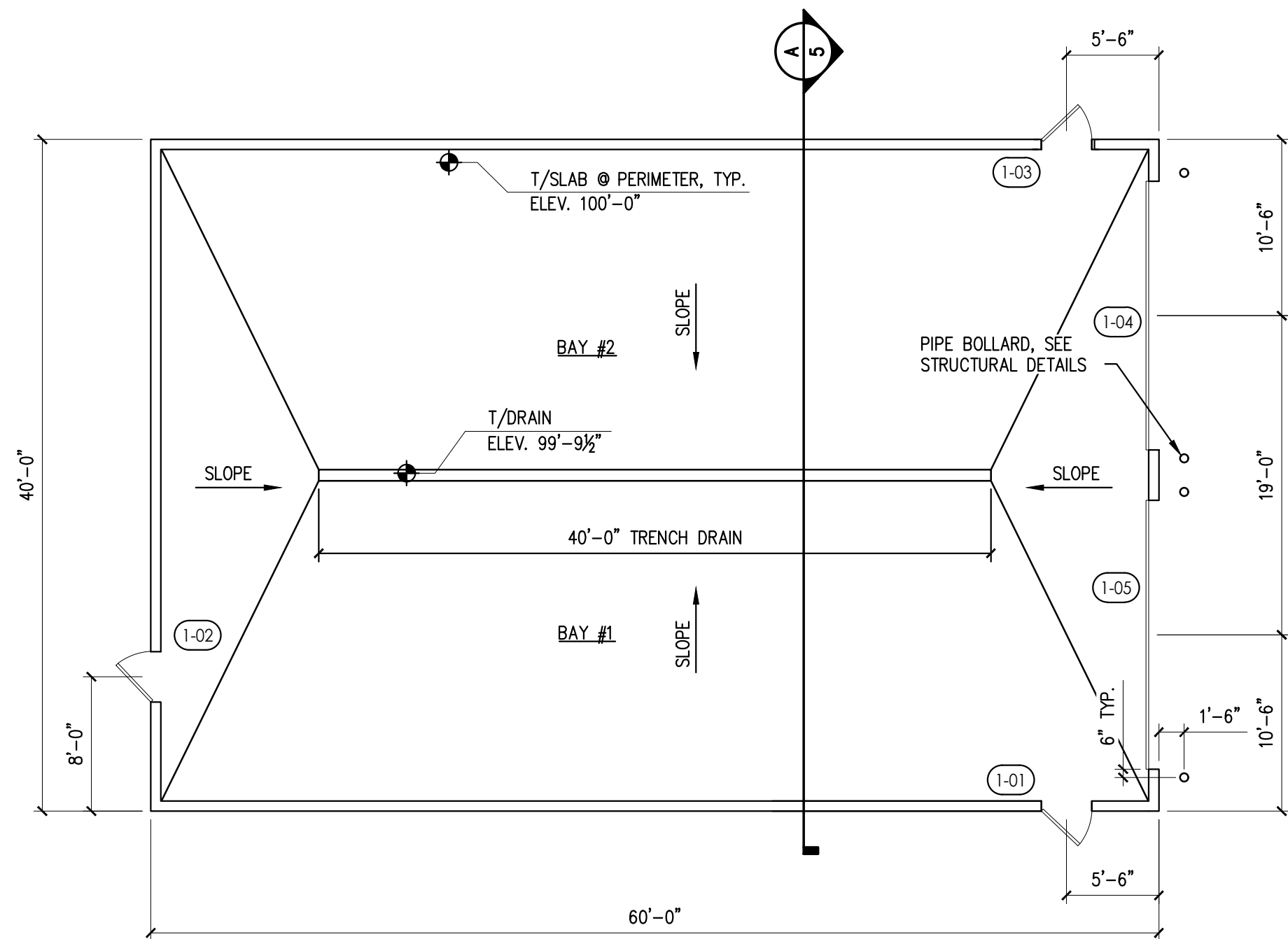
PREPARED FOR:
STATE OF MAINE DOT - MAINTENANCE
FORT FAIRFIELD MAINTENANCE GARAGE FORT FAIRFIELD, MAINE
 WIN 072323.00F



DESIGN/DETAILS	DATE
BY CD	8-9-16
ED	9-8-16
ED	7-11-23
REVISION 1	
REVISION 2	
REVISION 3	
FIELD CHANGES	

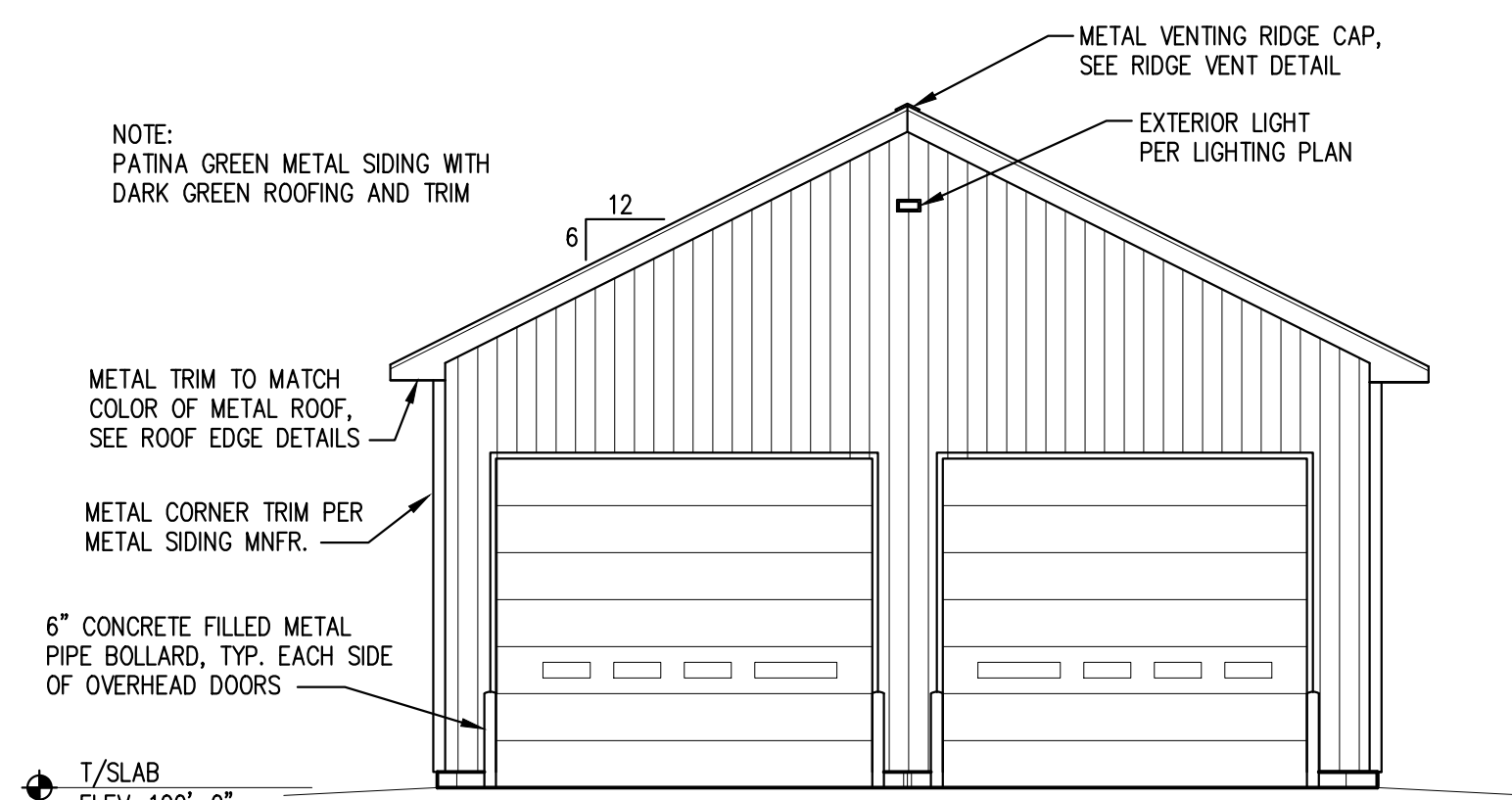
FORT FAIRFIELD MAINTENANCE GARAGE
EXISTING & PROPOSED SITE LAYOUT PLAN

SHEET NUMBER
3



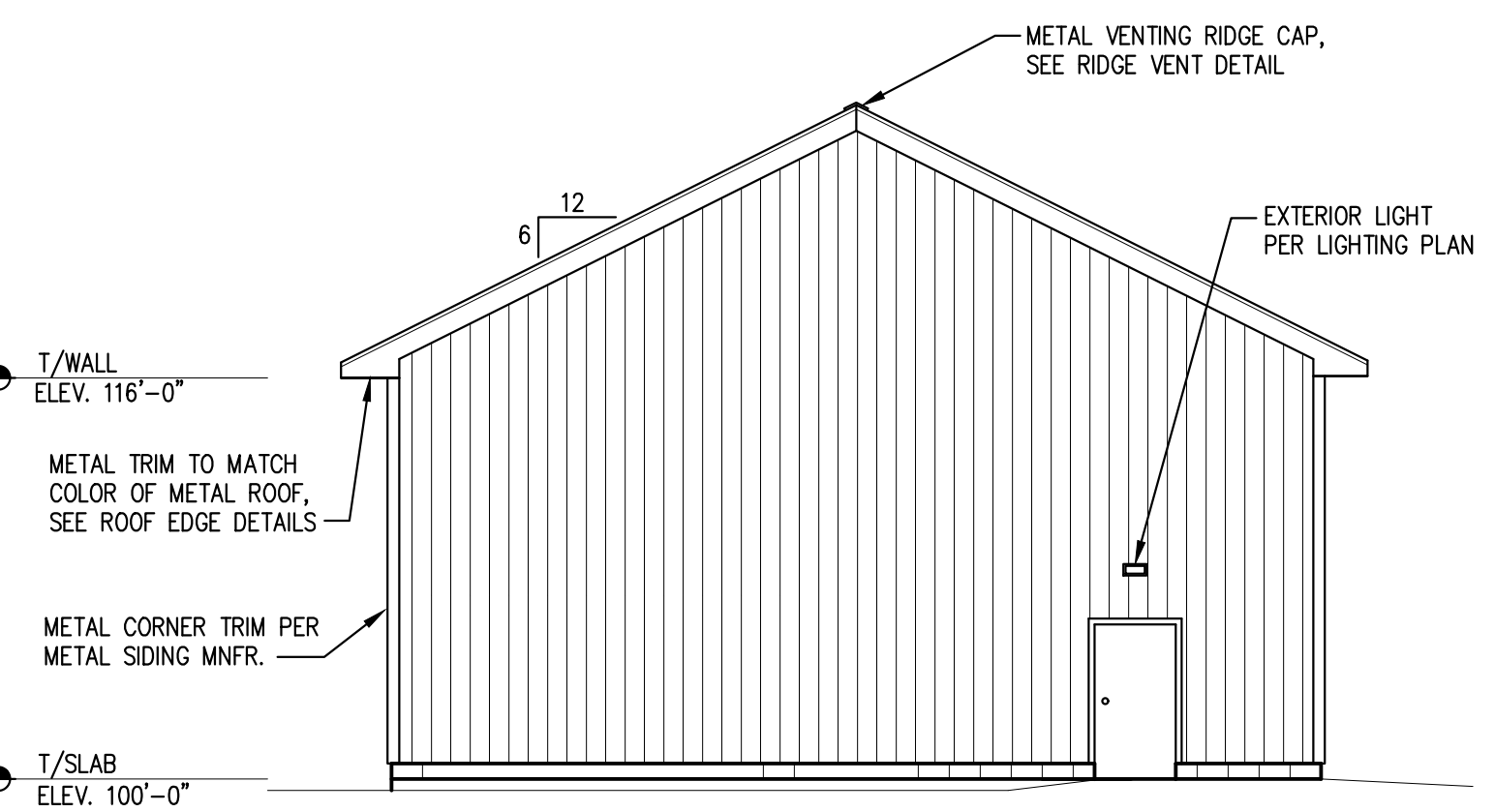
ARCHITECTURAL PLAN

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



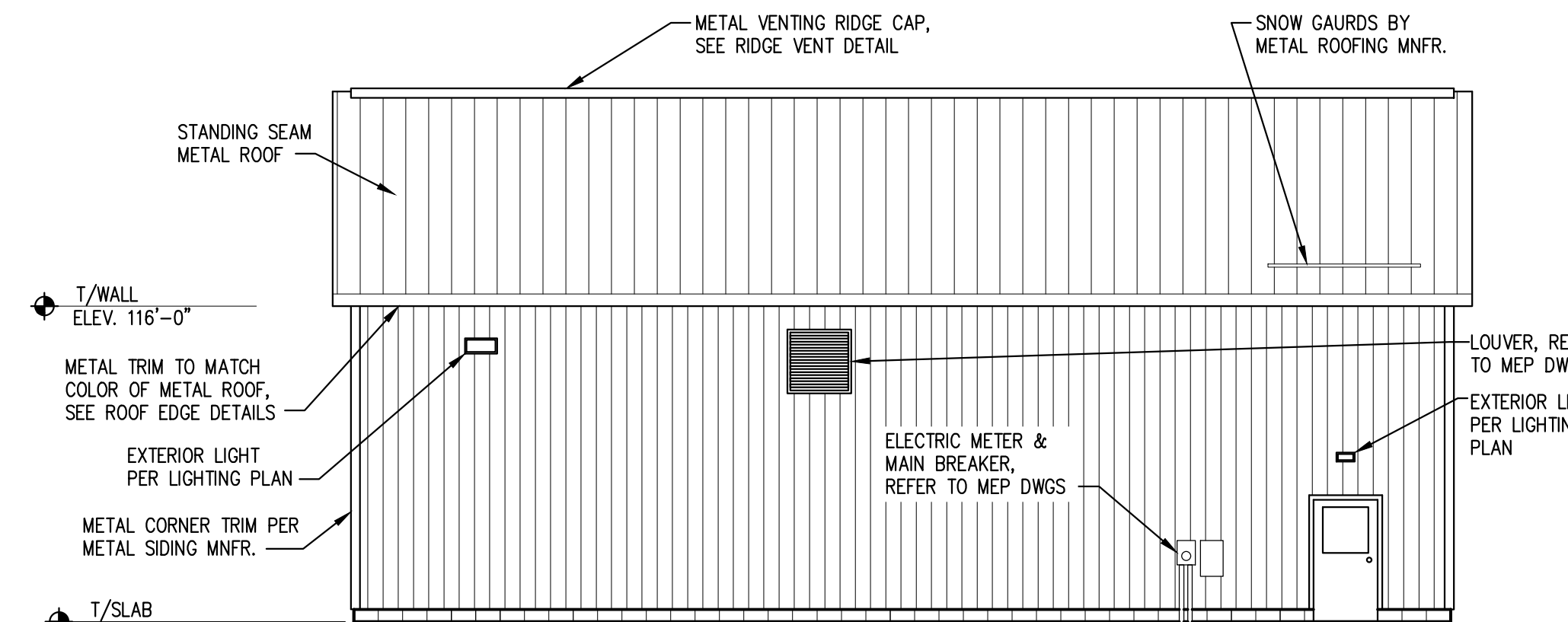
FRONT ELEVATION

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



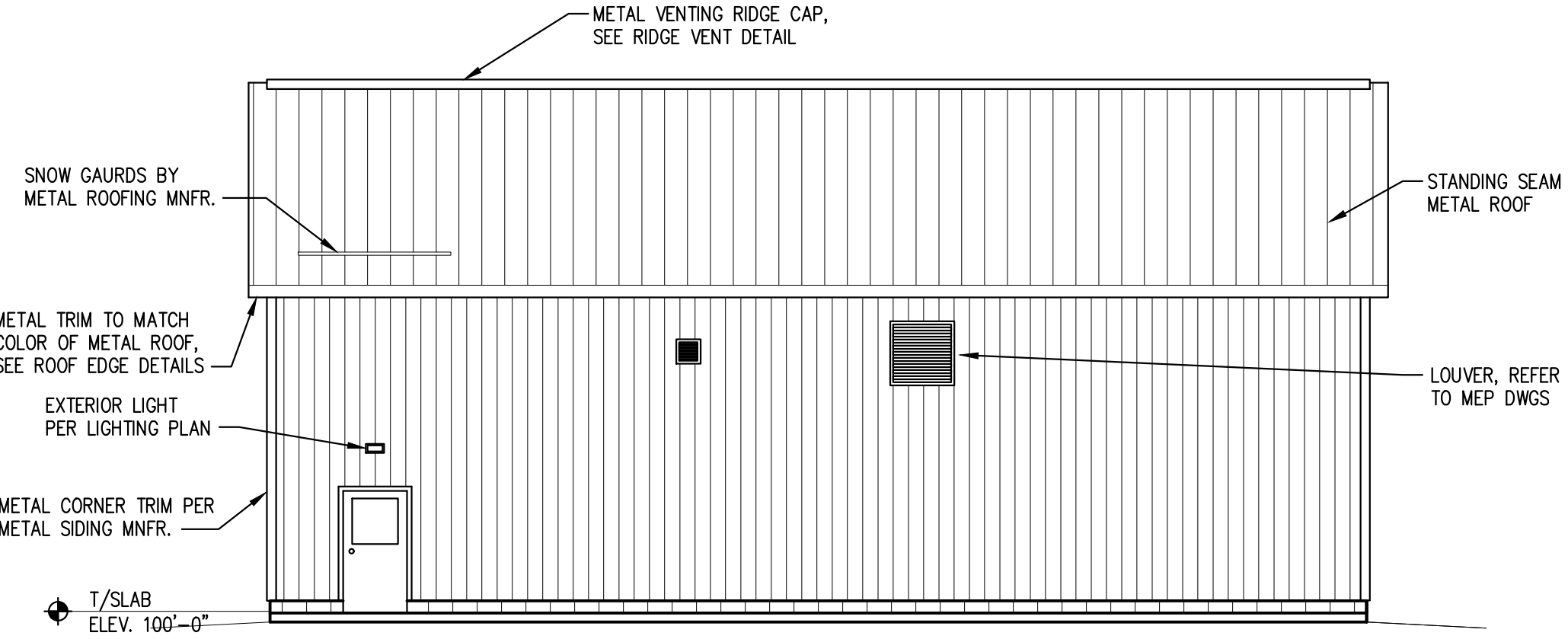
REAR ELEVATION

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



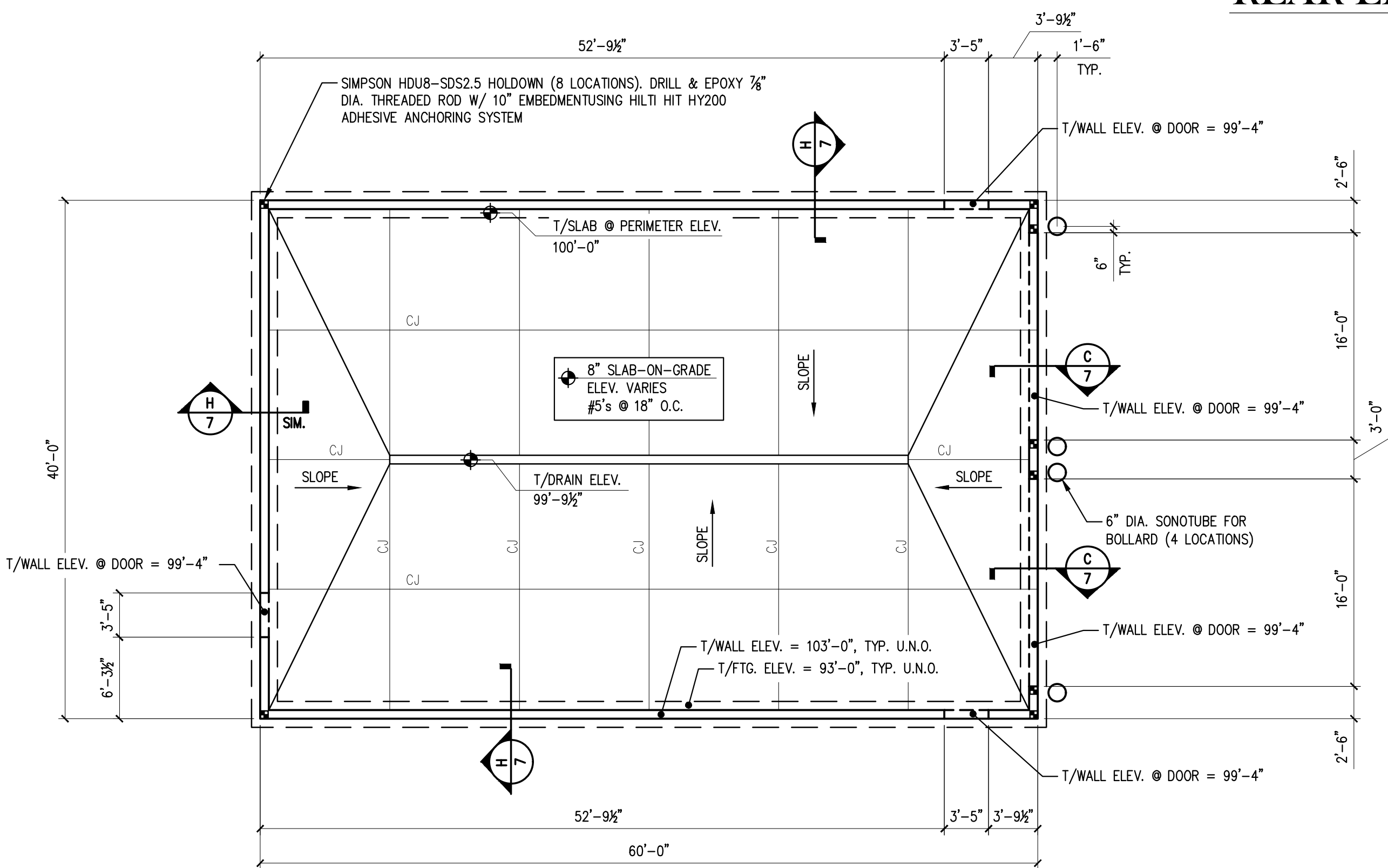
LEFT ELEVATION

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



RIGHT ELEVATION

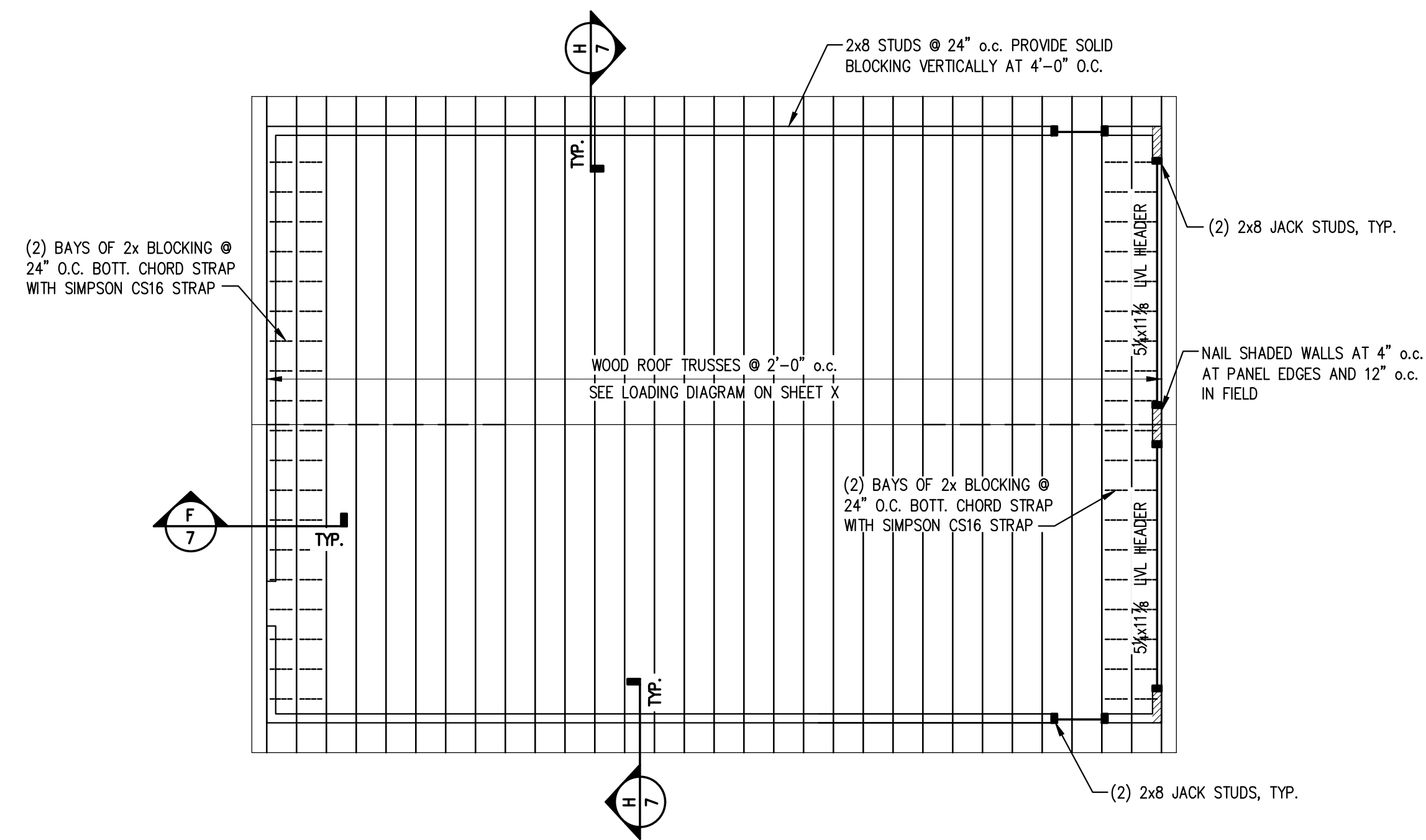
SCALE: 1/8"=1'-0"



FOUNDATION PLAN

FOUNDATION NOTES:
1. SEE SHEET 5 FOR TYPICAL SLAB-ON-GRADE DETAILS.
2. CJ DENOTES CONTROL JOINT.

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



ROOF FRAMING PLAN

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

- ROOF NOTES:
1. ENTRY DOOR HEADERS SHALL BE (3)-2x10's U.N.O.
 2. PROVIDE (3)-2x8 STUDS AT ALL COLUMNS, CORNERS, AND HOLD-DOWN LOCATIONS.
 3. ALL EXTERIOR WALLS SHALL BE SHEATHED ON ONE SIDE WITH 1/2" ZIP SHEATHING.
 4. NAIL ALL WALLS AT 6" o.c. AT PANEL EDGES AND 12" o.c. IN FIELD, U.N.O.
 5. SEE ROOF SHEATHING DETAIL ON SHEET 5
 6. SEE PREFABRICATED TRUSS LOADING DIAGRAM ON SHEET 5

PREPARED FOR:
STATE OF MAINE DOT - MAINTENANCE
FORT FAIRFIELD MAINTENANCE
GARAGE FORT FAIRFIELD, MAINE
WIN 072923.00F



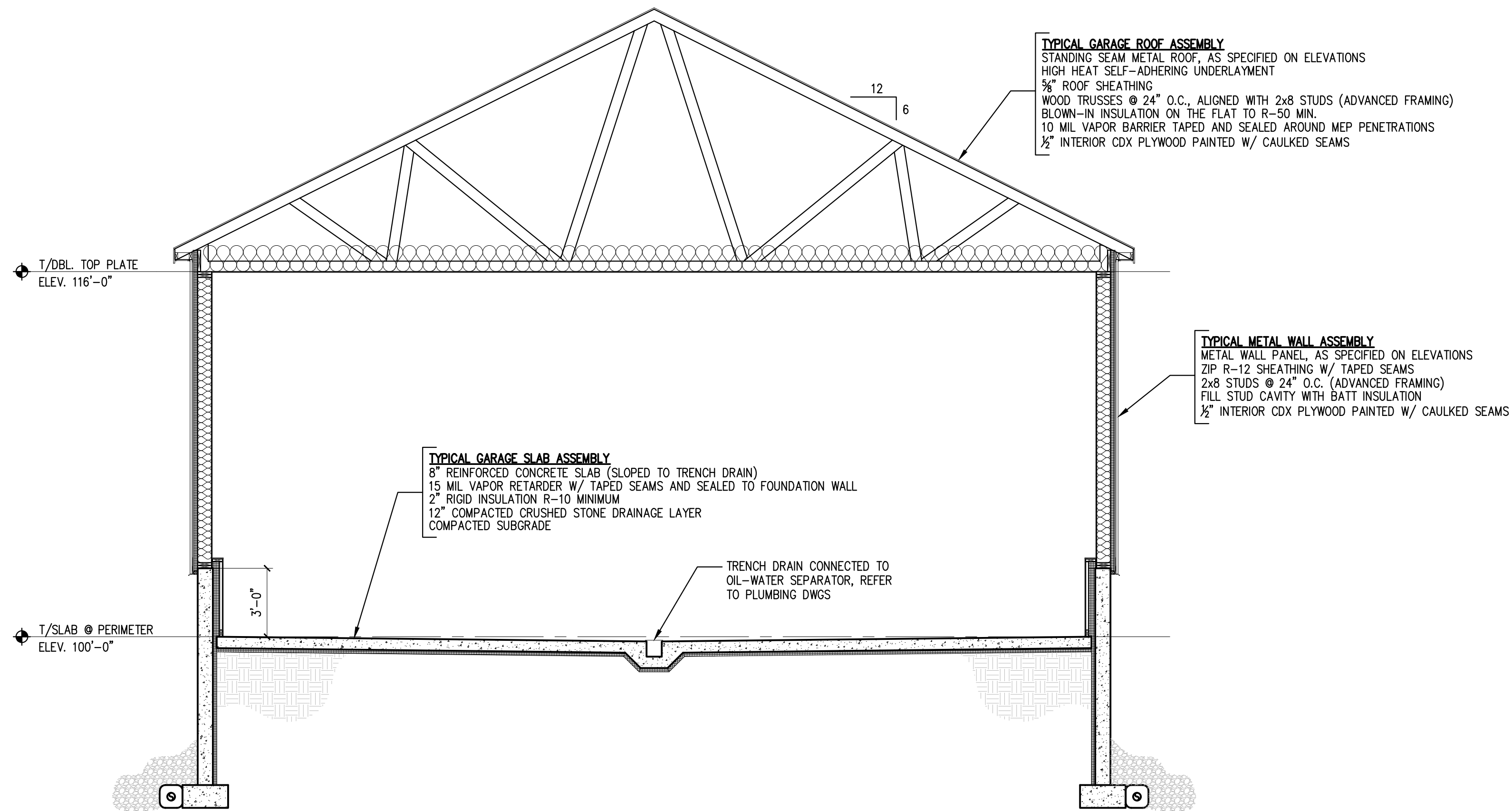
DATE	BY	DESIGN-DETAILED	CHECKED-REVIEWED	ISSUED FOR BID	REVISION 1	REVISION 2	REVISION 3	FIELD CHANGES
3-9-16	CD							
3-9-16	ED							
7-11-23	ED							

FORT FAIRFIELD
MAINTENANCE GARAGE

PLANS AND ELEVATIONS

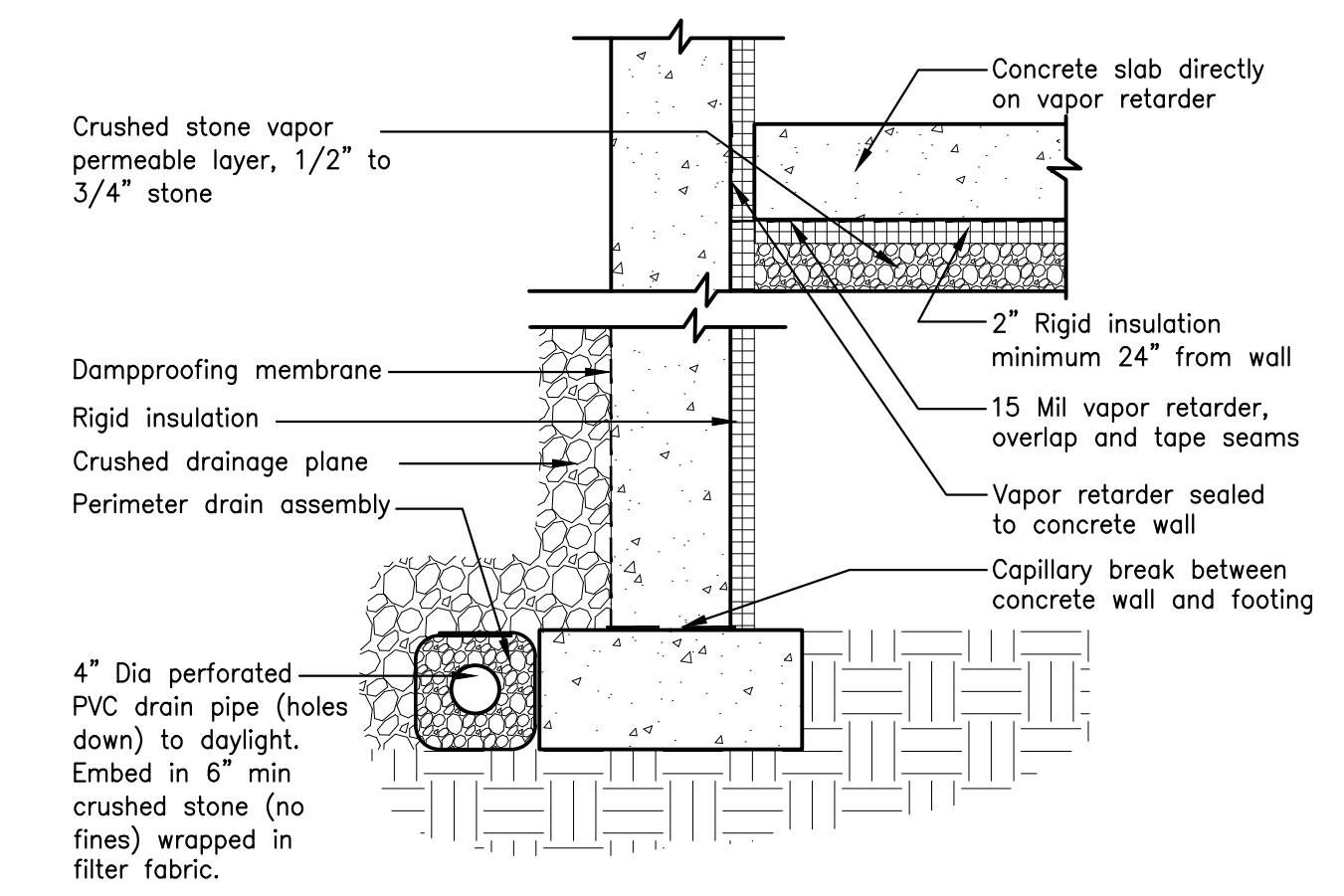
SHEET NUMBER

4



A ARCHITECTURAL BUILDING SECTION

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



- GENERAL NOTES:**
1. PROVIDE MINIMUM 15 MIL VAPOR RETARDER OVERLAP AND TAPE SEAMS PER MNFR. INSTRUCTIONS.
 2. CONCRETE SLAB SHALL BE POURED DIRECTLY ON VAPOR RETARDER/BARRIER. DO NOT PUNCTURE VAPOR BARRIER.
 3. VAPOR RETARDER/BARRIER SHALL BE TURNED UP CONCRETE WALL AND TAPED/SEALED TO WALL.
 4. REFER TO STRUCTURAL DRAWINGS FOR CONCRETE AND REINFORCING BAR INFORMATION AND SPECIFICATIONS.

B TYPICAL VAPOR RETARDER & FOUNDATION DRAIN DETAIL

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

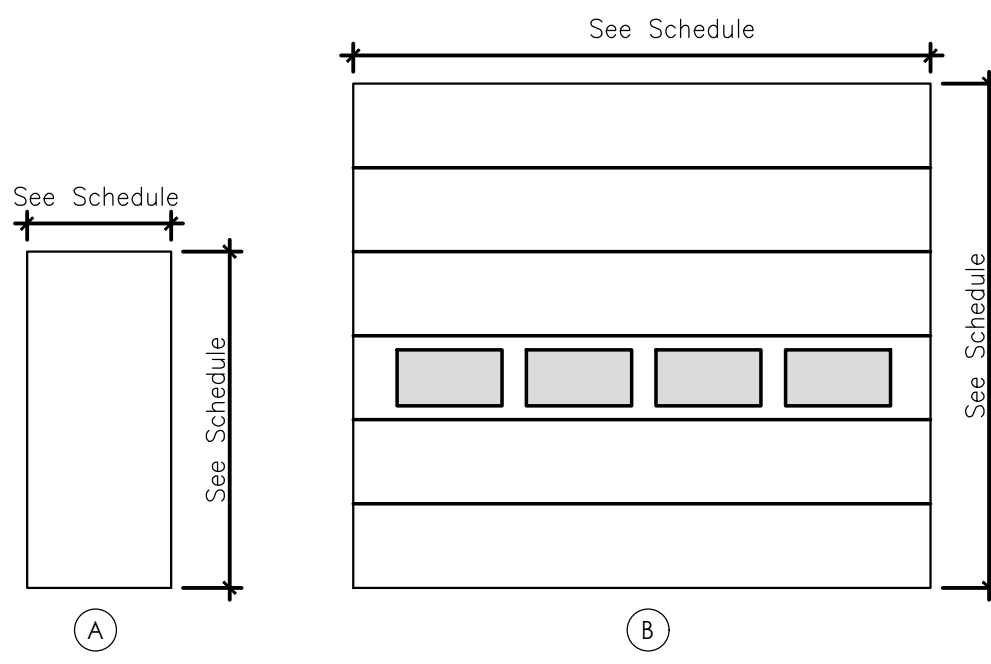
PREPARED FOR:
STATE OF MAINE DOT - MAINTENANCE
FORT FAIRFIELD MAINTENANCE GARAGE FORT FAIRFIELD, MAINE
 WIN 072923.00F



DESIGN-DETAILED	DATE	BY	DATE
CHECKED-REVIEWED	3-9-16	CD	3-9-16
ISSUED FOR BID	3-9-16	ED	7-11-23
REVISION 1			
REVISION 2			
REVISION 3			
FIELD CHANGES			

FORT FAIRFIELD MAINTENANCE GARAGE
ARCHITECTURAL SECTIONS AND DETAILS

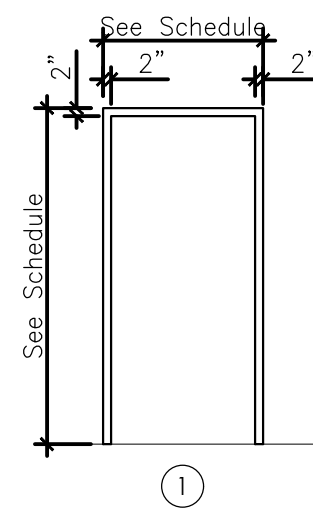
SHEET NUMBER
5



DOOR TYPES

SCALE: NTS

DOOR SCHEDULE																										
Door No.	Width	Height	Thick.	Material	Type	Finish	Insul	Frame					Hardware										Remarks			
								Material	Type	Head	Jamb	Thshold	No. Set	Rating	Glazing	Clsr	Panic	Key Pad	MHO	Wstrip	Pivacy Locks	ADA Auto Opnr		Tactile Warning	Sound Seal	
1-01	3'-0"	7'-0"	1 3/4"	Fg	A	Pnt	Yes	Fg	1	C	C/D	E6														Provide kerf pocket at stop for weather stripping
1-02	3'-0"	7'-0"	1 3/4"	Fg	A	Pnt	Yes	Fg	1	C	C/D	E6														Provide kerf pocket at stop for weather stripping
1-03	3'-0"	7'-0"	1 3/4"	Fg	A	Pnt	Yes	Fg	1	C	C/D	E6														Provide kerf pocket at stop for weather stripping
1-04	16'-0"	14'-0"	1 3/4"	Stl	B	Pnt	-	-	-	A	A/B	See Struct														
1-05	16'-0"	14'-0"	1 3/4"	Stl	B	Pnt	-	-	-	A	A/B	See Struct														



FRAME TYPES

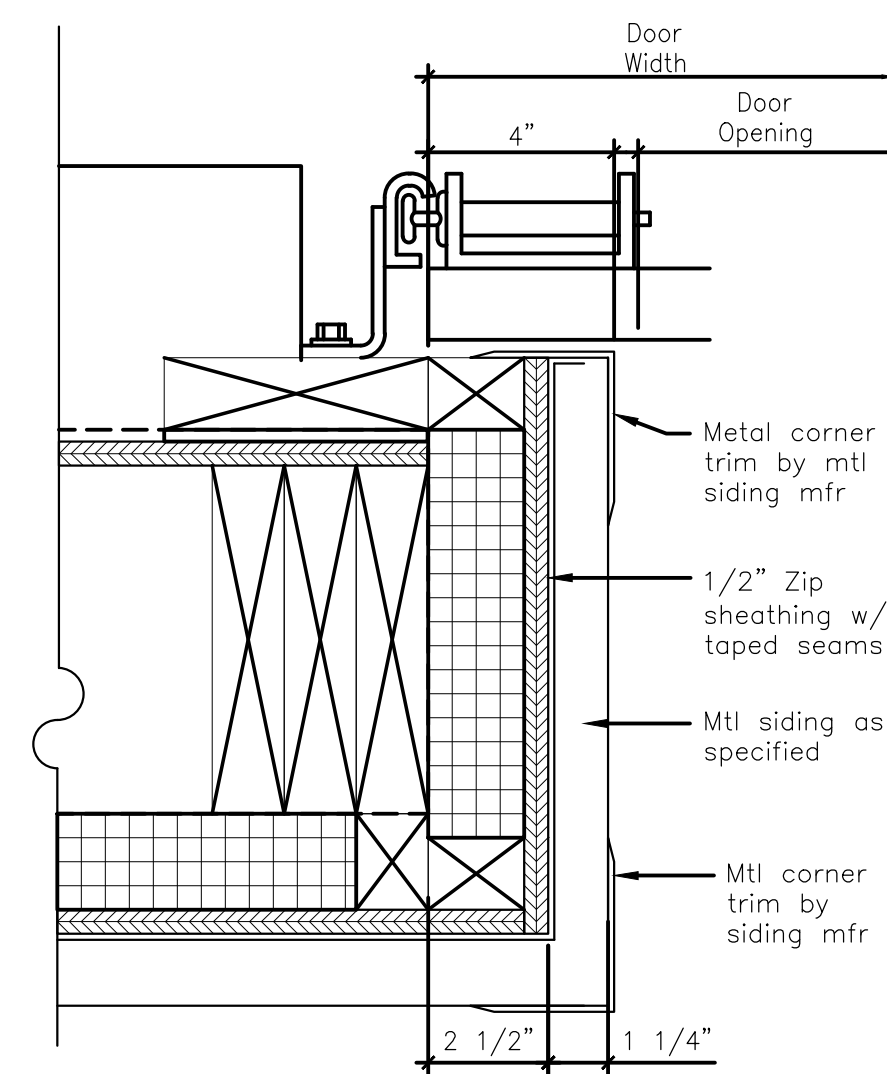
SCALE: NTS

DOOR AND FRAME NOTES

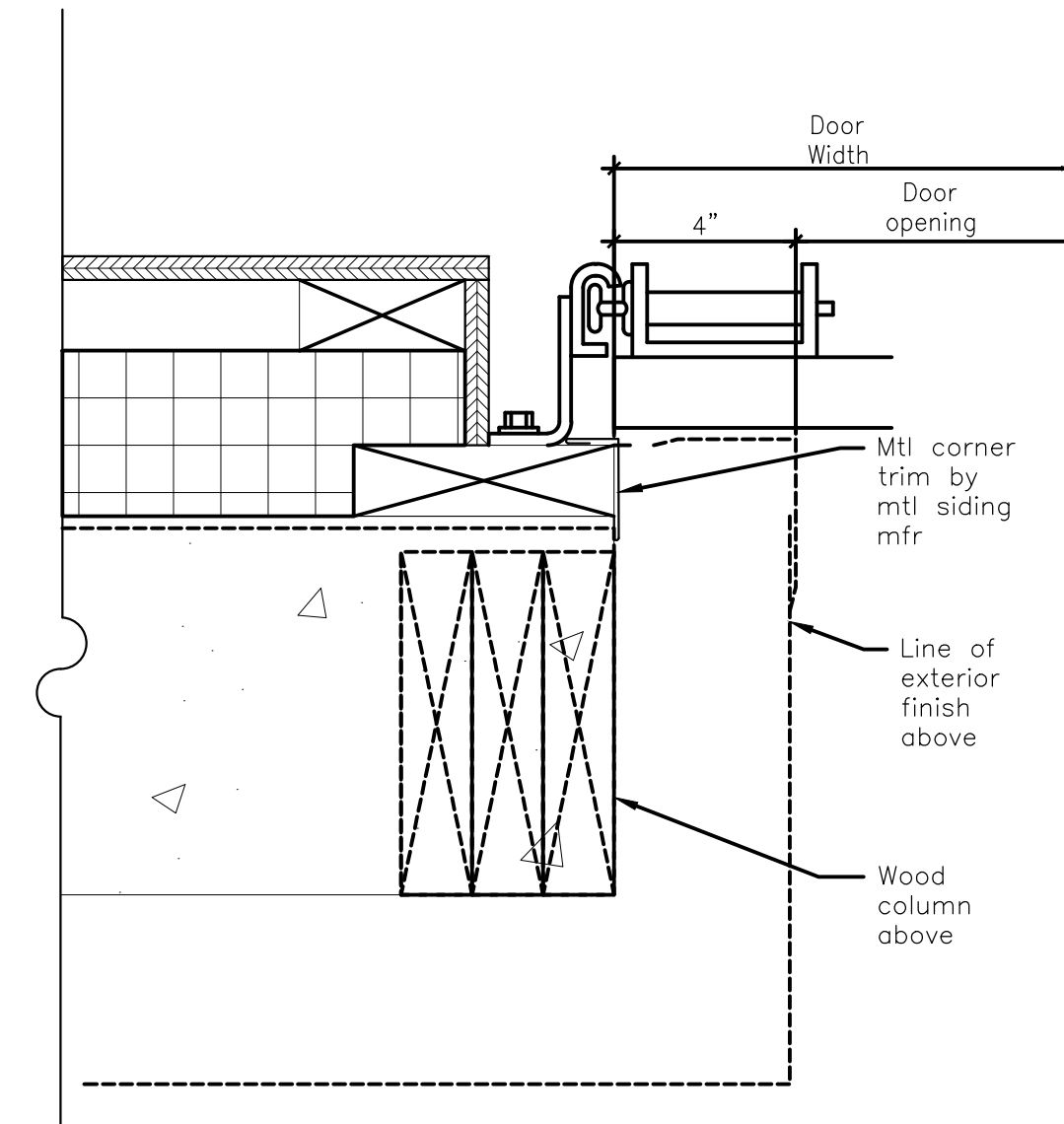
- All doors shall be located 6" off adjacent wall except where noted or dimensioned
- All door thickness to be 1 3/4" unless noted otherwise
- Provide minimum of double wood stud, at all door jambs.
- All floor material transitions shall occur under door in closed position
- All door hardware shall meet ADA. Handles, pulls and latches shall be lever style. When sliding doors are fully opened (if specified), operating hardware shall be exposed and usable from both sides.
- Provide wall-mounted door stops at all door openings opening against adjacent wall or door. Provide solid wood blocking at all locations of wall mounted door stops.
- Provide floor mounted door stops at all doors where wall stops are not appropriate.

ABBREVIATIONS

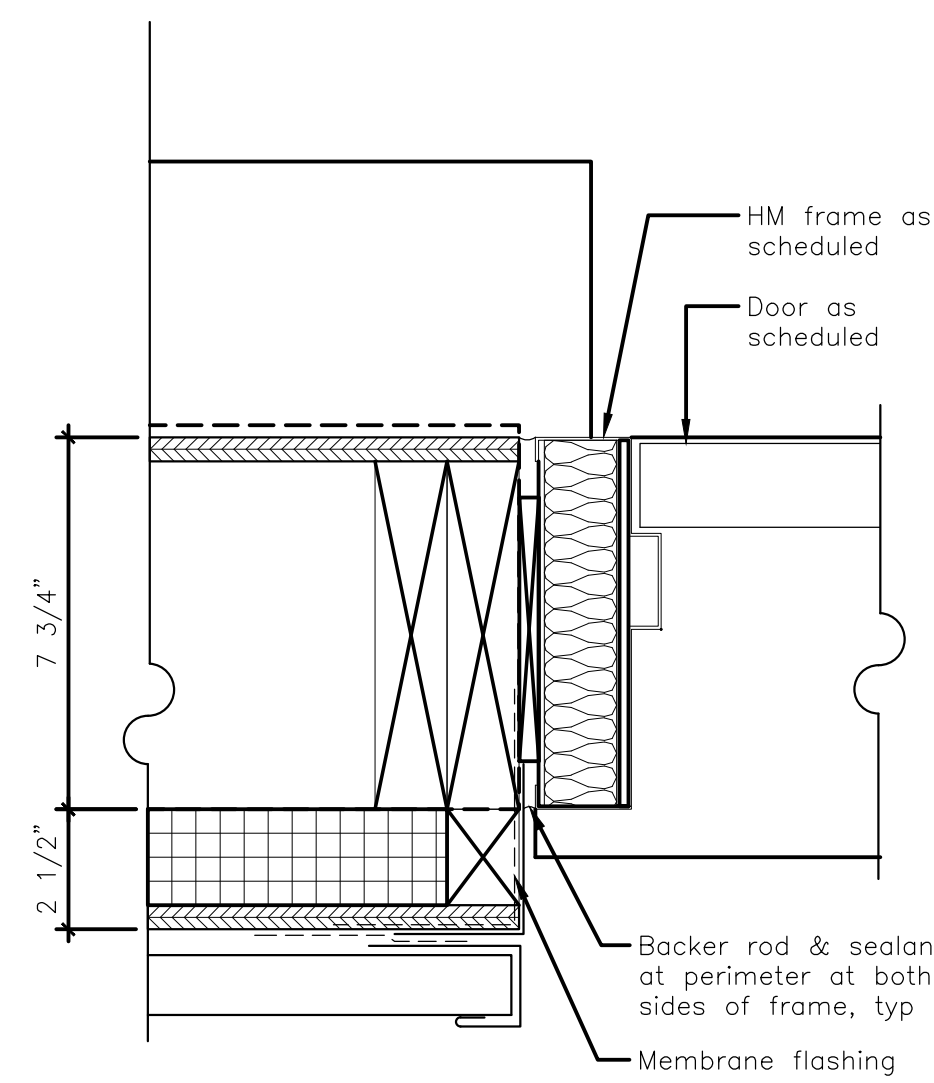
AL	Aluminum
Clsr	Closer
Ex	Existing
HM	Hollow Metal
Hrdware	Hardware
Insul	Insulated
Ob	Obscure Glass, Tempered
Pnt	Paint
Pre	Prefinished
Smoke	Smoke Seal Frame
Thick	Thickness
Wstrp	Weatherstripping
Wd	Wood
GL	Glazing
Stl	Steel



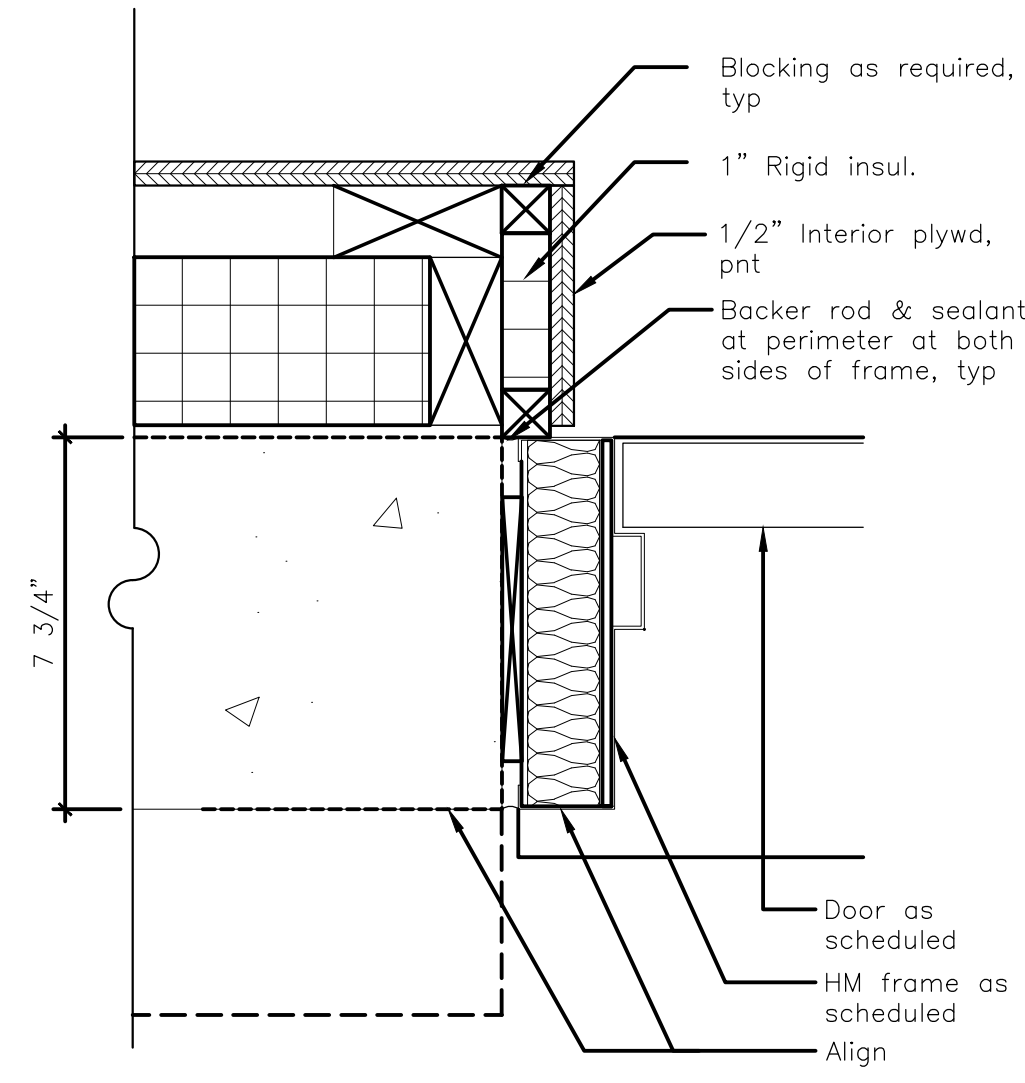
A OH DOOR JAMB DET @ MTL SIDING
SCALE: 3" = 1'-0"



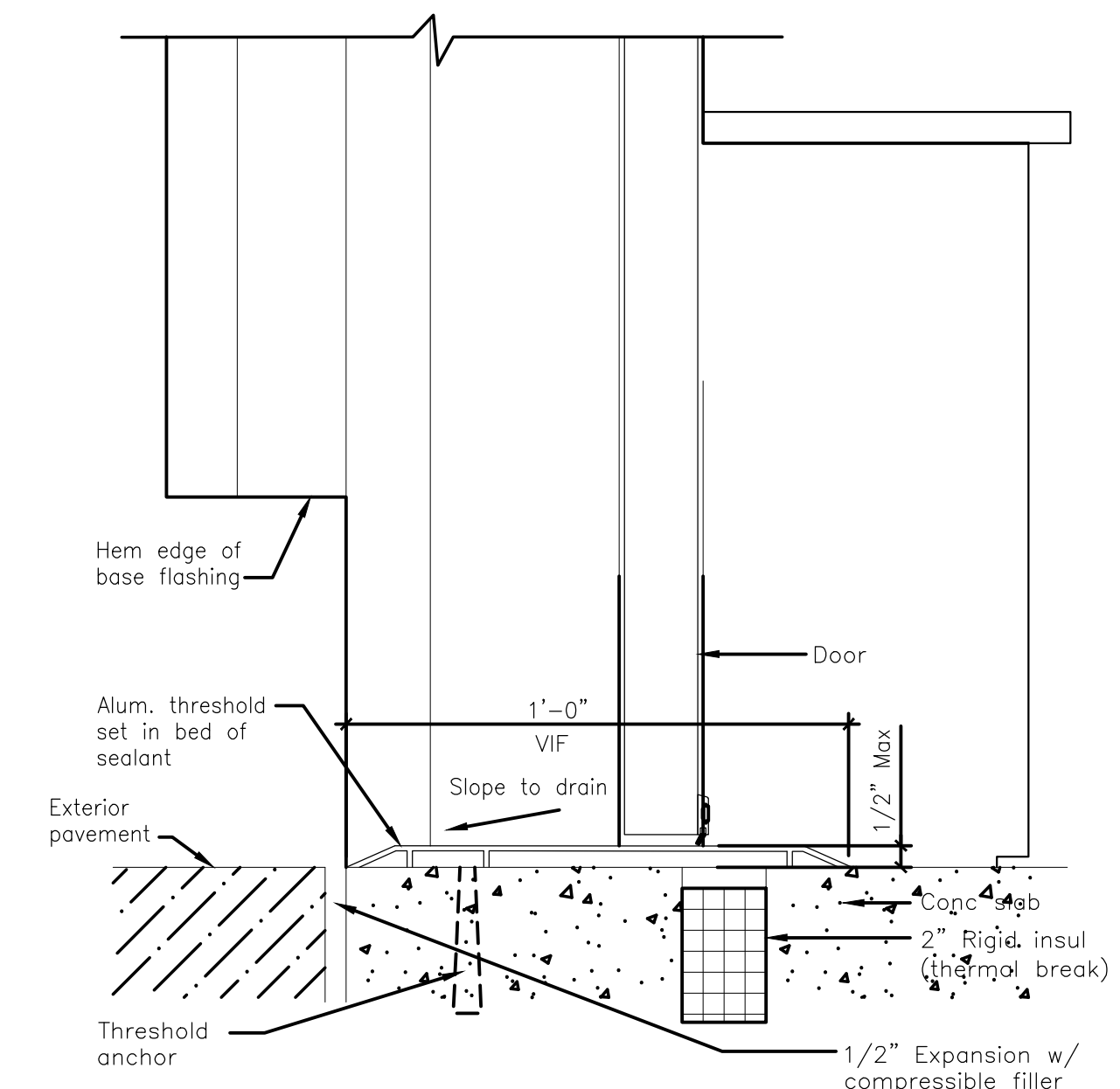
B OH DOOR JAMB DET @ MTL SIDING
SCALE: 3" = 1'-0"



C OH DOOR JAMB DET @ MTL SIDING
SCALE: 3" = 1'-0"



D OH DOOR JAMB DET @ MTL SIDING
SCALE: 3" = 1'-0"



E OH DOOR JAMB DET @ MTL SIDING
SCALE: 3" = 1'-0"

PREPARED FOR:
STATE OF MAINE DOT - MAINTENANCE
FORT FAIRFIELD MAINTENANCE
GARAGE FORT FAIRFIELD, MAINE
WIN 072923.00F

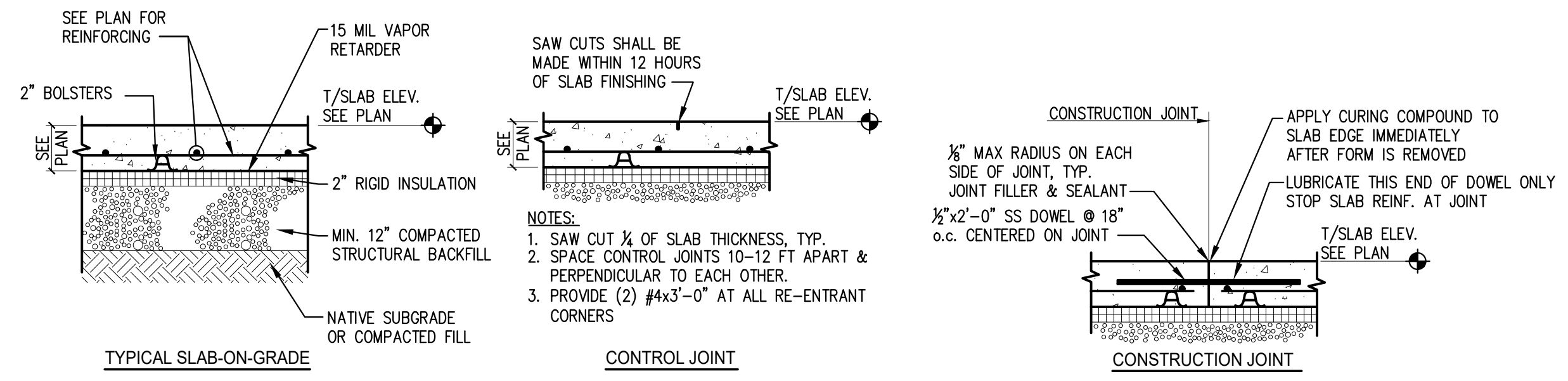


DATE	BY	DESIGN-DETAILED	CHECKED-REVIEWED	ISSUED FOR BID	REVISION 1	REVISION 2	REVISION 3	FIELD CHANGES
3-9-16	CD							
3-9-16	ED							
7-11-23	ED							

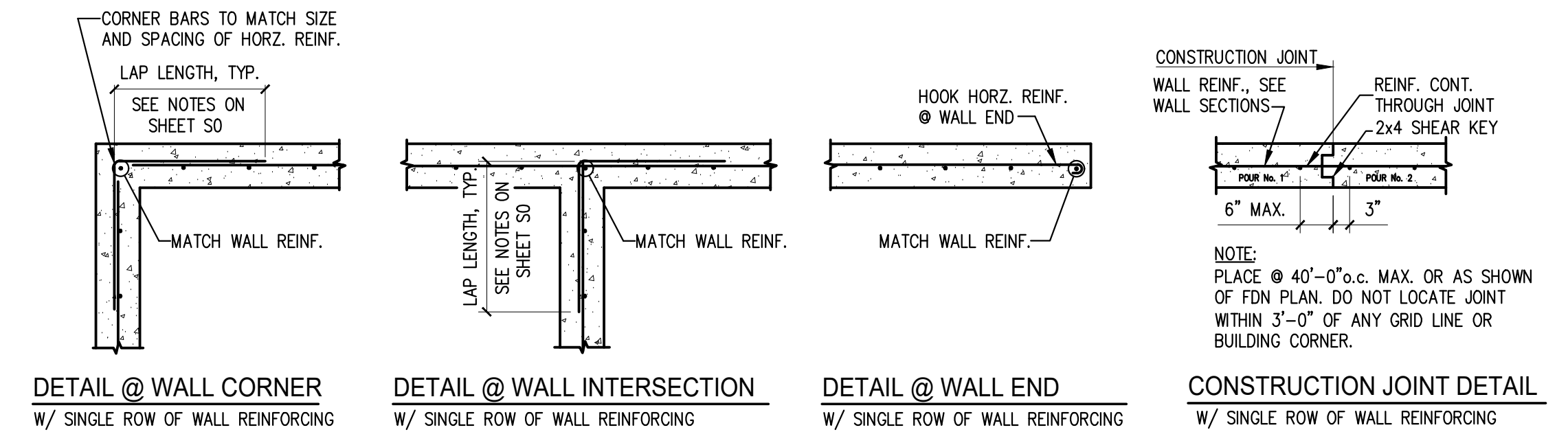
FORT FAIRFIELD
MAINTENANCE GARAGE
DOOR SCHEDULE & DETAILS

SHEET NUMBER

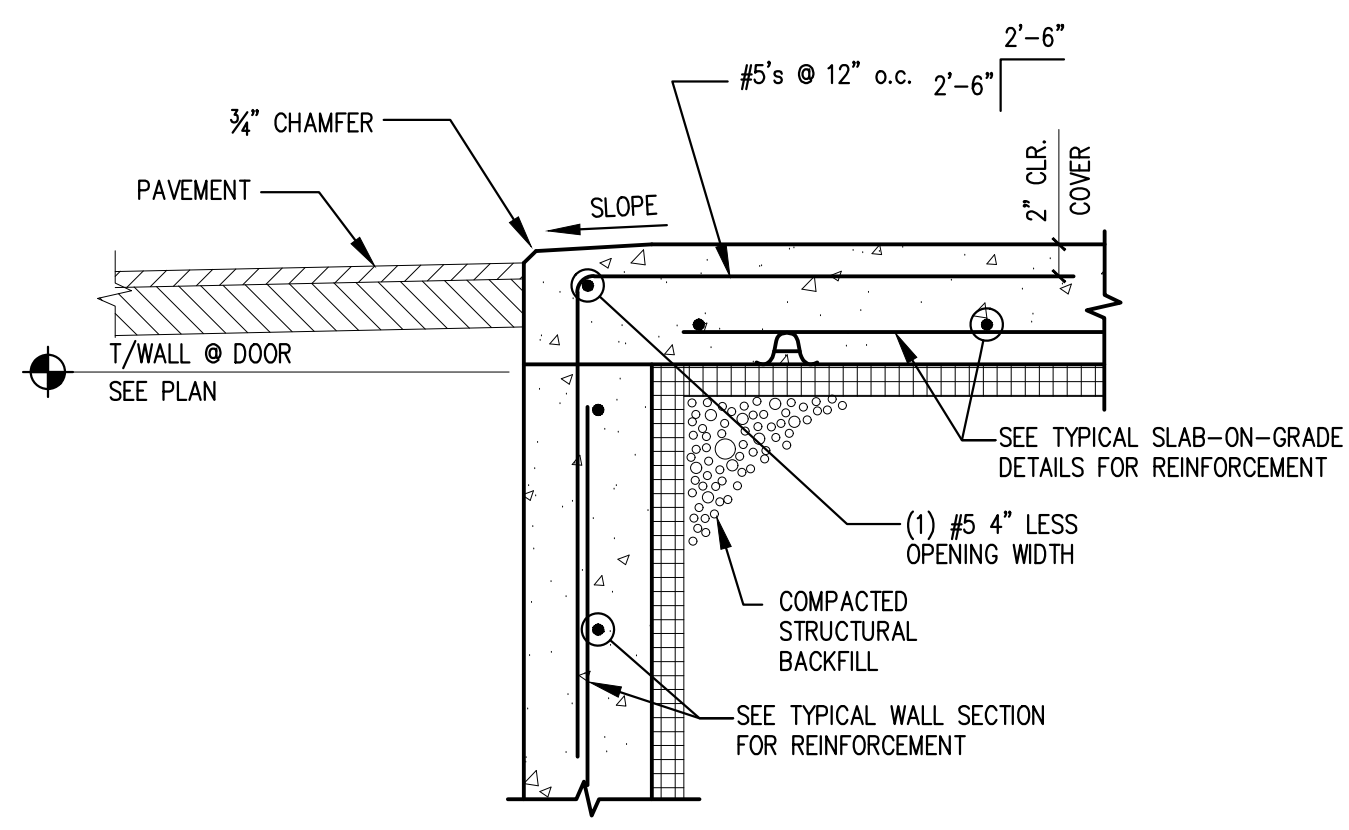
6



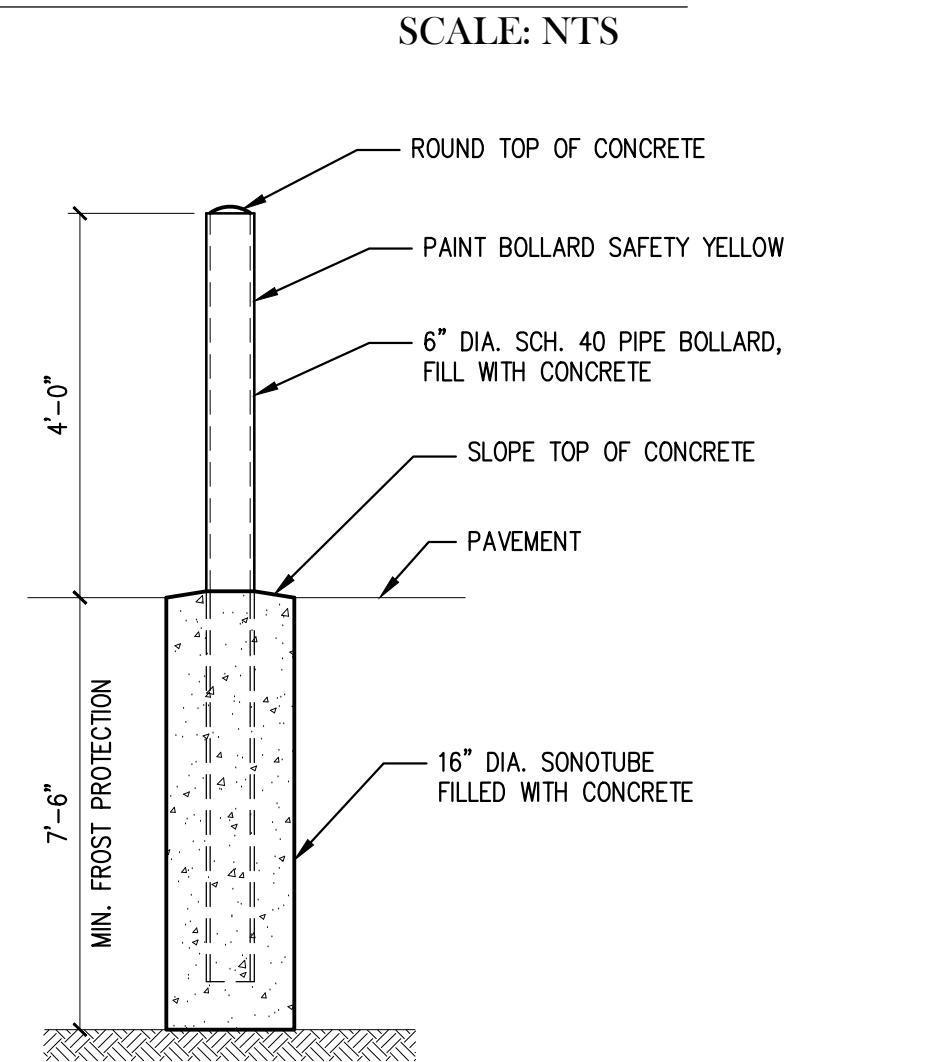
A TYPICAL SLAB-ON-GRADE DETAILS



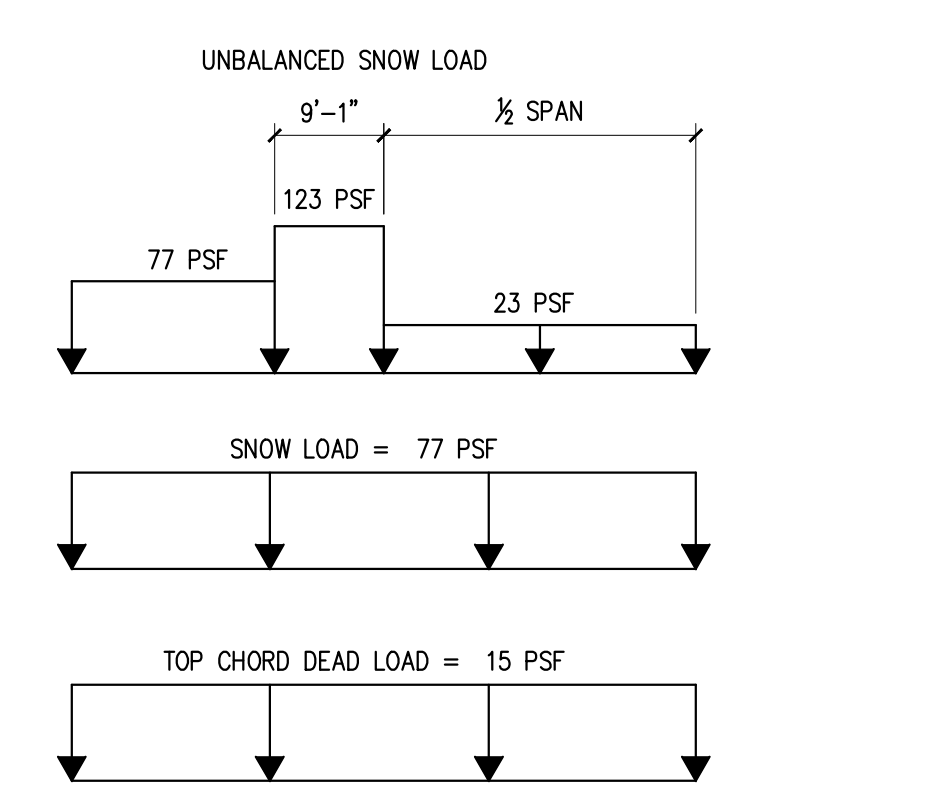
B TYPICAL FOUNDATION WALL DETAILS



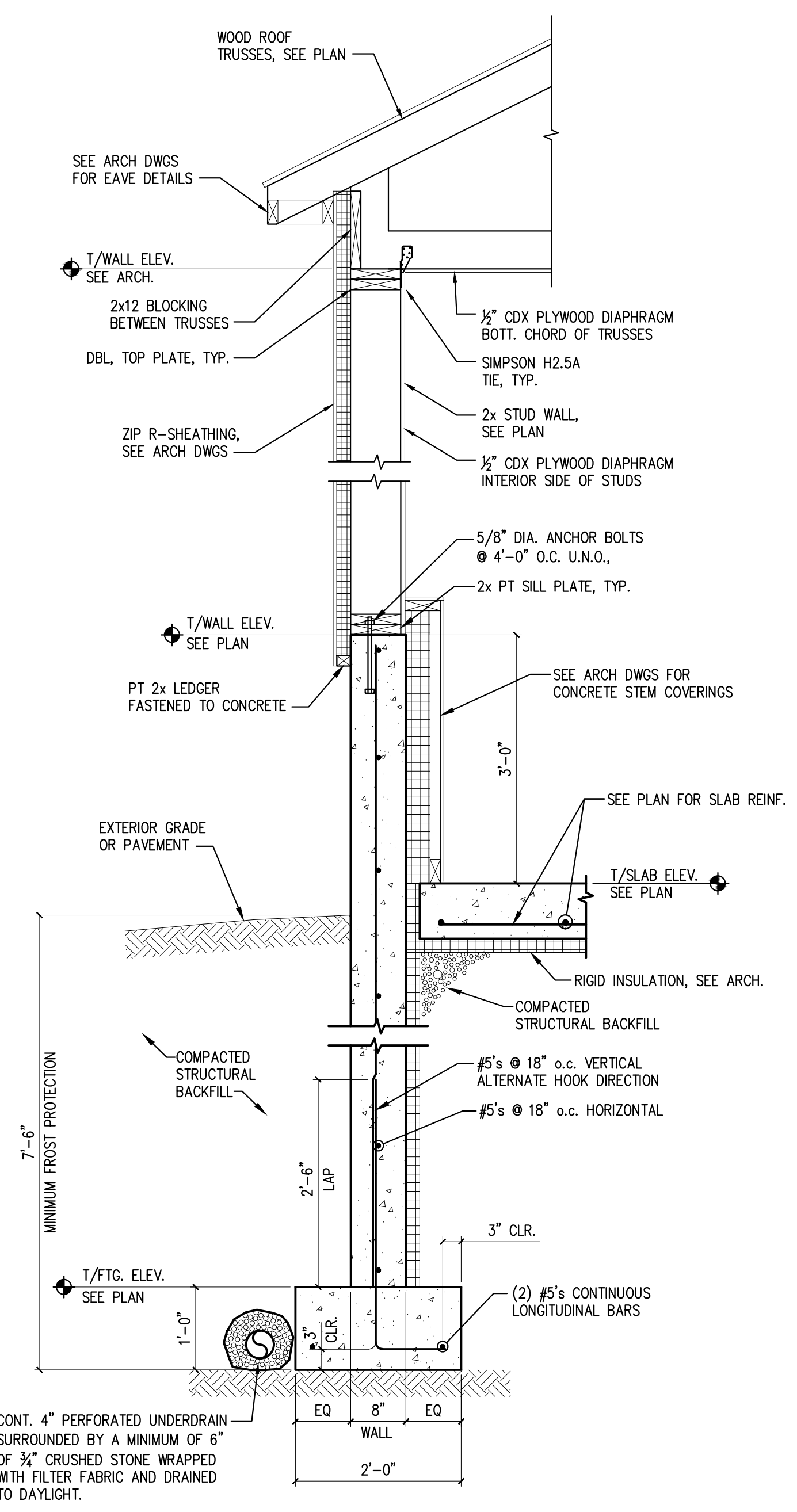
C SLAB AT DOOR SECTION



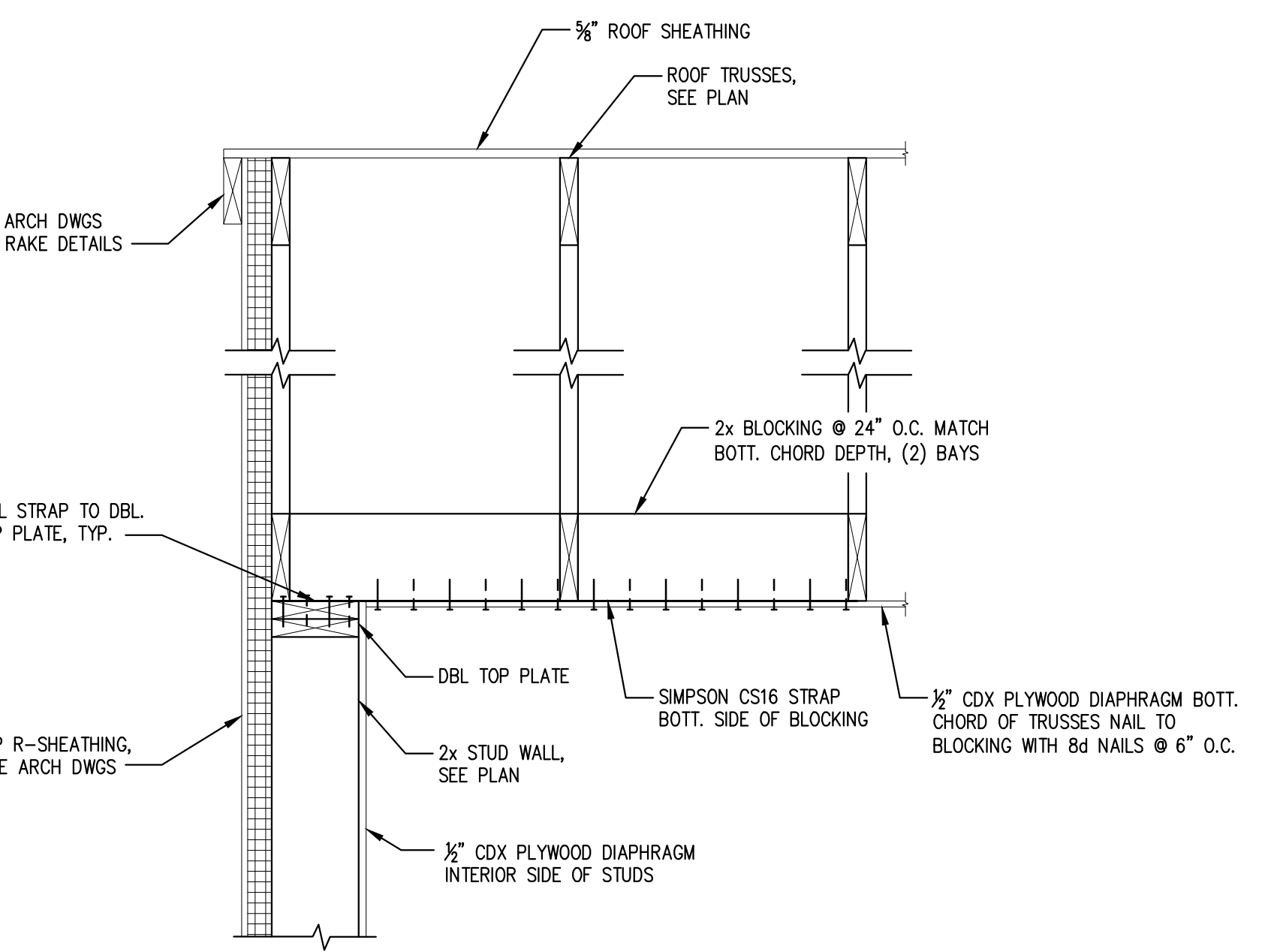
D BOLLARD DETAIL



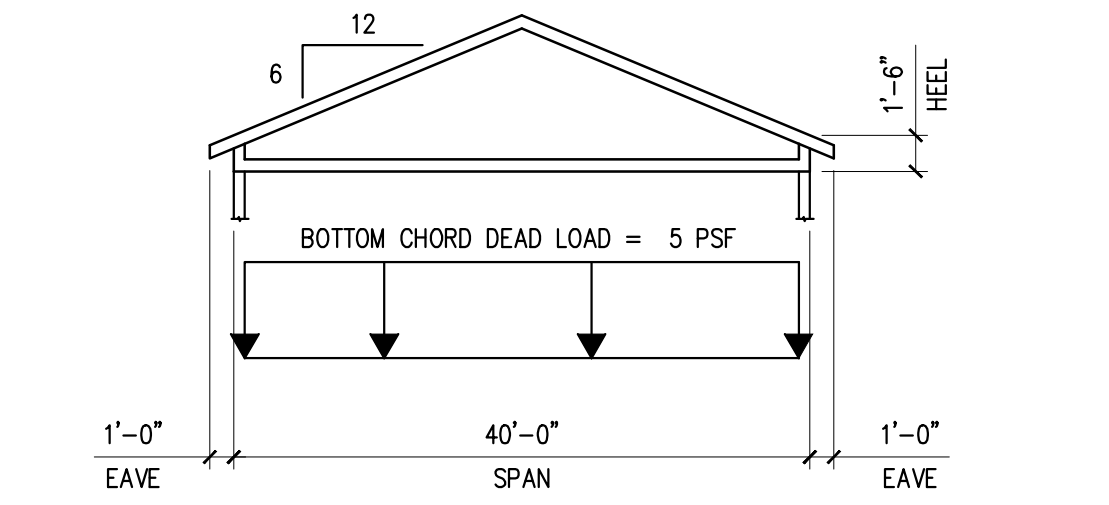
E TRUSS LOADING



H TYPICAL WALL SECTION



F TYPICAL GABLE END DETAIL



G ROOF SHEATHING DETAIL

- NOTES FOR TYPICAL FLOOR/ROOF SHEATHING DETAIL:**
 1. USE APA RATED 5/8-INCH "ZIP" SYSTEM SHEATHING ON ROOF.
 2. ATTACH ROOF AND FLOOR DIAPHRAGMS W/8d NAILS SPACED 12" o.c. ALONG INTERMEDIATE FRAMING MEMBERS AND 6" o.c. AT SUPPORTED EDGES.
 3. FLOOR AND ROOF DIAPHRAGMS ARE UNBLOCKED, EXCEPT AS NOTED ON ROOF FRAMING PLAN.
 4. USE SHEATHING CLIPS BETWEEN SHEETS ON ROOF WHERE BLOCKING IS NOT REQUIRED.

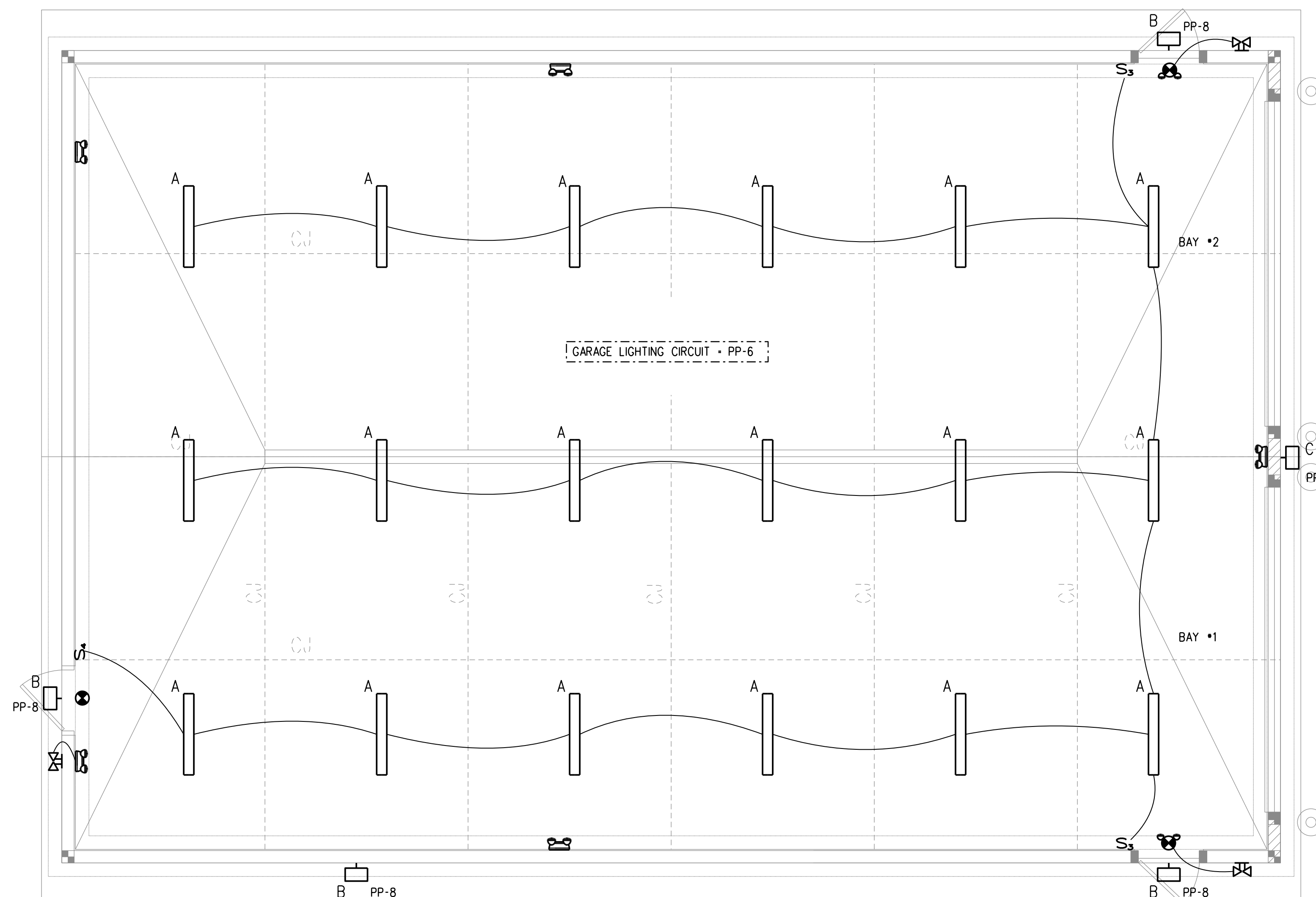
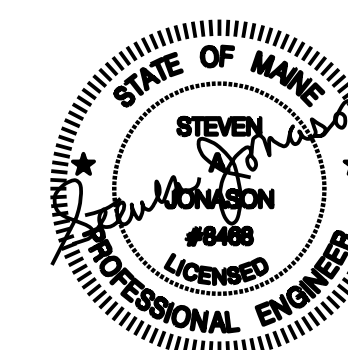
PREPARED FOR:
STATE OF MAINE DOT - MAINTENANCE
FORT FAIRFIELD MAINTENANCE GARAGE FORT FAIRFIELD, MAINE
 WIN 072323.00F



DATE	BY	DESIGN-DETAILED	CHECKED-REVIEWED	ISSUED FOR BID	REVISION 1	REVISION 2	REVISION 3	FIELD CHANGES
3-9-16	CD							
3-9-16	ED							
7-11-23	ED							
7-11-23								

FORT FAIRFIELD MAINTENANCE GARAGE
STRUCTURAL DETAILS AND SECTIONS

SHEET NUMBER
7



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

LIGHTING GENERAL NOTE
1. CONFIRM ALL LIGHTING FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.

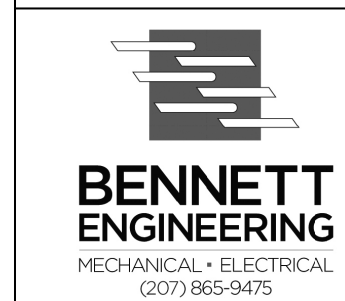
LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER AND MODEL NUMBER	LAMP INFO	REMARKS
A	COOPER LIGHTING METALUX 4WNLED-LD4-50SL-F-UNV-L835-CD1-U	37W/3500K LED	4' SURFACE MOUNTED WRAPAROUND w/FROSTED ACRYLIC ENS
B	WAC LIGHTING HAWK WP-LED219-50-finish WITH MS-120-finish (MOTION SENSOR) & PC-120-finish (PHOTOCELL)	19W/5000K LED	EXTERIOR BUILDING MOUNTED ENDURANCE WALLPACK w/INTEGRAL PHOTOCELL & MOTION SENSOR LOCATED AT SIDES AND BACKSIDE OF BLDG. CONFIRM MOUNTING HT AND FIXTURE/ACCESSORIES FINISH W/ARCH
C	WAC LIGHTING ENDURANCE DOUBLE SPOT WP-LED430-50-finish WITH MS-120-finish (MOTION SENSOR) & PC-120-finish (PHOTOCELL)	30W/5000K LED	EXTERIOR BUILDING MOUNTED ENDURANCE DOUBLE SPOT LIGHT w/INTEGRAL PHOTOCELL & MOTION SENSOR LOCATED AT FRONT FACE OF BLDG ABOVE OVERHEAD DOORS. CONFIRM MOUNTING HT AND FIXTURE/ACCESSORIES FINISH W/ARCH

PREPARED FOR:
STATE OF MAINE DOT - MAINTENANCE
FORT FAIRFIELD MAINTENANCE
GARAGE FORT FAIRFIELD, MAINE
WIN 072323.00F



189 MAIN STREET SUITE 200
YARMOUTH, ME 04096
David Matero
Architecture
49 Centre St
Bath, Maine 04530
207.389.4278
info@davidmatero.com

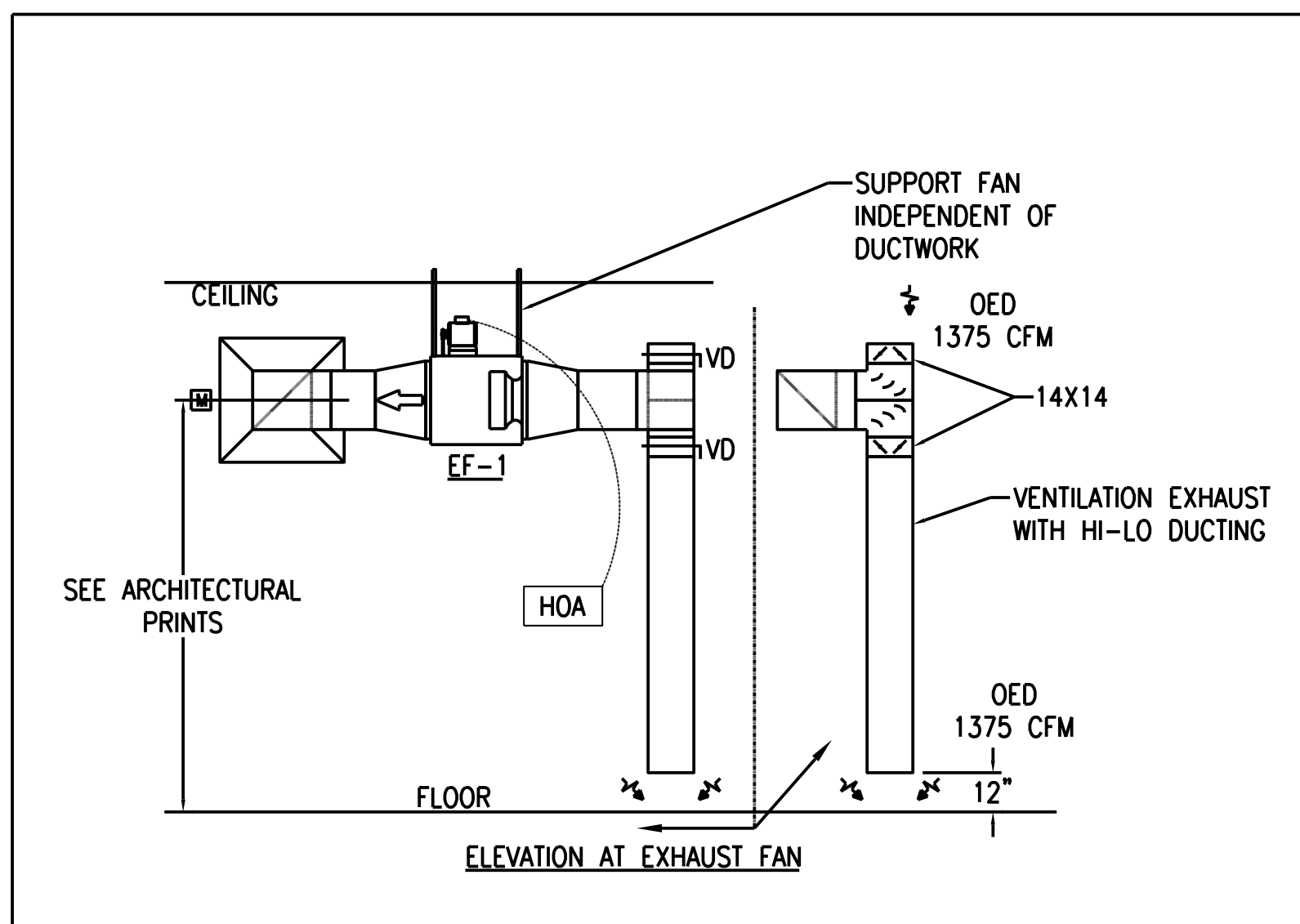
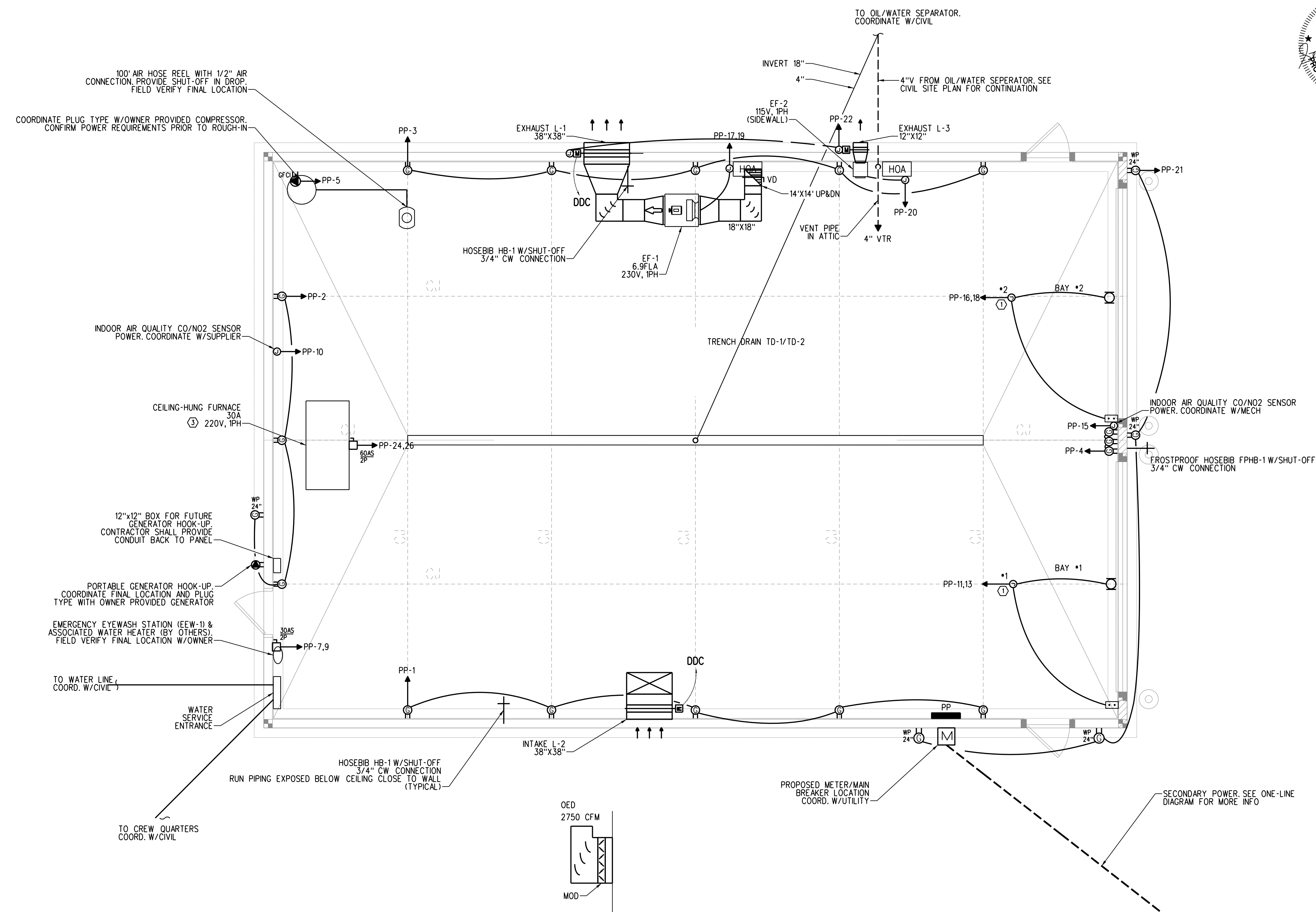
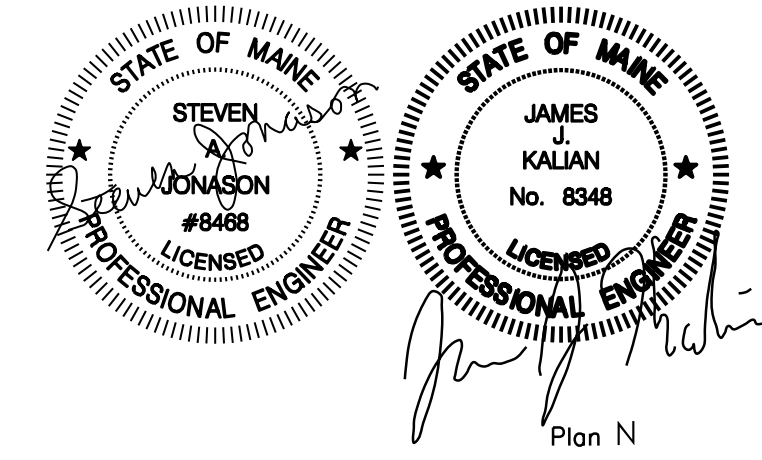


BY	DATE	ME	PE NUMBER	DATE
SAJ/JK	01.06.23	ME		
SAJ/JK	7-11-23			07-11-23

DESIGN-DETAILED	CHECKED-REVIEWED	ISSUED FOR BID	REVISION 1	REVISION 2	REVISION 3	FIELD CHANGES

FORT FAIRFIELD
MAINTENANCE GARAGE
LIGHTING PLAN

SHEET NUMBER
8



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

POWER WORK NOTES

- ① CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL OVERHEAD DOOR ASSOCIATED POWER DEVICES WITH MANUFACTURER'S INSTRUCTIONS. CONFIRM POWER REQUIREMENTS PRIOR TO ROUGH-IN.
- ② CONTRACTOR SHALL PROVIDE NEW 200A ATS AT EXISTING BUILDING. COORDINATE EXACT LOCATION WITH OWNER.
- ③ CEILING-HUNG FURNACE AND ALL ASSOCIATED PIPING, CONTROLS, HANGERS & SUPPORTS BY OTHERS.

PLUMBING GENERAL NOTES

- 1. REFER TO ARCHITECTURAL DRAWINGS FOR RELATED WORK IN ALL AFFECTED AREAS AND COORDINATE INSTALLATION OF EQUIPMENT, FIXTURES AND PIPING AS INDICATED.
- 2. MINIMUM PIPE SIZE BELOW SLAB IS 2".
- 3. INSTALL ALL VALVES IN ACCESSIBLE LOCATIONS. PROVIDE ACCESS PANELS WHEN REQUIRED.
- 4. REFER TO PLUMBING SCHEDULES FOR FIXTURE AND EQUIPMENT BRANCH PIPE SIZES.

PREPARED FOR:
STATE OF MAINE DOT - MAINTENANCE
FORT FAIRFIELD MAINTENANCE
GARAGE FORT FAIRFIELD, MAINE
WIN 072323.00F

TRILLIUM
ENGINEERING GROUP
189 MAIN STREET SUITE 200
YARMOUTH, ME 04096
David Matero
Architecture
49 Centre St
Bath, Maine 04530
207.389.4278
info@trilliumeng.com

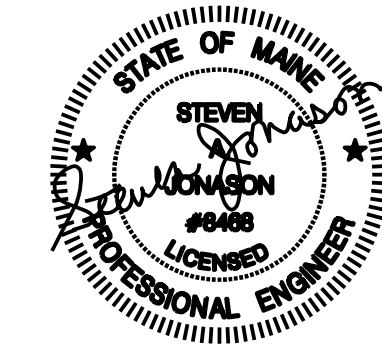
BENNETT
ENGINEERING
MECHANICAL - ELECTRICAL
(207) 865-9475

BY	DATE	ME	PE NUMBER	DATE
SA/JJK	01.06.23	ME		
SA/JJK	7-11-23			07-11-23

FORT FAIRFIELD
MAINTENANCE GARAGE
FIRST FLOOR MEP PLAN

SHEET NUMBER

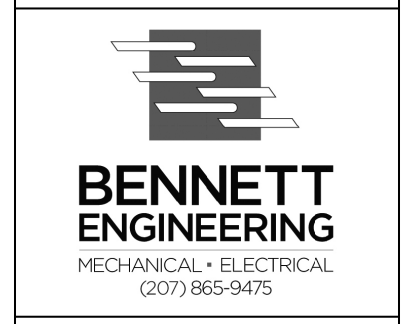
9



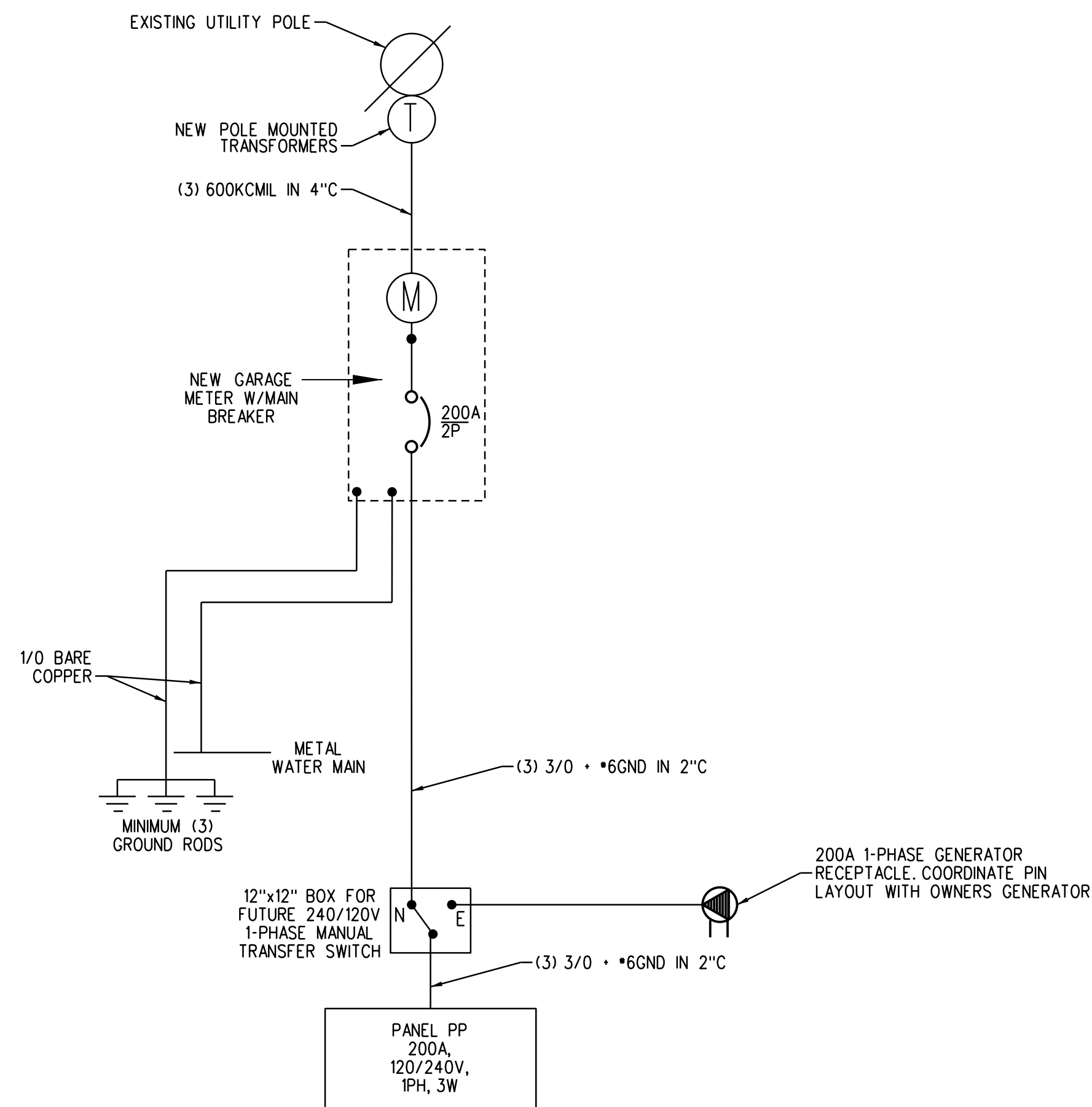
PREPARED FOR:
STATE OF MAINE DOT - MAINTENANCE
FORT FAIRFIELD MAINTENANCE
GARAGE FORT FAIRFIELD, MAINE
 WIN 072323.00F



189 MAIN STREET SUITE 200
 YARMOUTH, ME 04096
David Matero
 Architecture
 49 Centre St
 Bath, Maine 04530
 207.389.4278
 info@davidmatero.com



MECHANICAL-ELECTRICAL
 (207) 865-8475



ONE-LINE DIAGRAM
 SCALE: NONE

PANEL PP 120/240 1PH 3W 200 AMP MLO 42K AIC NEMA TYPE 1 (SURFACE)

CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	VA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	VA
1	RECEPTS: GARAGE SOUTH WALL	20	1	9	0.50	5	540	2	RECEPTS: GARAGE WEST WALL + EXTERIOR	20	1	9	0.50	15	540
3	RECEPTS: GARAGE NORTH WALL	20	1	9	0.50	5	540	4	RECEPTS: GARAGE EAST WALL	20	1	9	0.50	15	540
5	RECEPT AT COMPRESSOR (CONFIRM PWR REQ.)	20	1		0.50	0	540	6	LIGHTS: GARAGE	20	1		0.80	0	0
7	EMERG. EYEWASH WATER HEATER (CONFIRM PWR REQ.)	20	2	15	1.00	15	1800	8	LIGHTS: EXTERIOR	20	1		0.80	0	0
9					1.00	0	0	10	CO2/NO2 DETECTION SYSTEM	20	1		0.50	0	0
11					0.20	2	222	12	RECEPT AT WELDER (CONFIRM PWR REQ.)	20	1		0.50	0	0
13	OVERHEAD DOOR OPERATOR #1 (CONFIRM PWR REQ.)	20	2	8	0.20	0	0	14	SPARE	20	1		1.00	0	0
15	CO2/NO2 DETECTION SYSTEM	20	1		0.50	0	0	16	OVERHEAD DOOR OPERATOR #2 (CONFIRM PWR REQ.)	20	2	8	0.20	2	192
17	EF-1: GARAGE	20	2	7	0.20	1	166	18					0.20	0	0
19					0.20	0	166	20	EF-2: GARAGE	20	1		1.00	0	0
21	EXTERIOR RECEPTS: EAST SIDE OF BLDG	20	1	5	0.50	2	270	22	M.O.s ASSOCIATED WITH HVAC LOUVERS: GARAGE	20	1	5	0.50	2	270
23	SPARE	20	1		1.00	0	0	24	CEILING-HUNG FURNACE (CONFIRM PWR REQ.)	30	2	24	1.00	24	270
25	SPARE	20	1		1.00	0	0	26					1.00	0	0
27	SPARE	20	1		1.00	0	0	28	SPARE	20	1		1.00	0	0
29	SPARE	20	1		1.00	0	0	30	SPARE	20	1		1.00	0	0
31	SPARE	20	1		1.00	0	0	32	SPARE	20	1		1.00	0	0
33						0	0	34						0	0
35						0	0	36						0	0
37						0	0	38						0	0
39						0	0	40						0	0
41						0	0	42						0	0

AT - Amp Trip
 P - Poles
 A - Amps
 CA - Connected Amperes
 DF - Demand Factor (1 - .1)
 DA - Demand Amperes
 DW - Demand Watts
 MLO - Main Lug Only
 MCB - Main Circuit Breaker

DESIGN-DETAILED	CHECKED-REVIEWED	ISSUED FOR BID	REVISION 1	REVISION 2	REVISION 3	FIELD CHANGES

BY	DATE	ME	PE NUMBER
SA/JJK	01.06.23	ME	
SA/JJK	7-11-23		07-11-23

**FORT FAIRFIELD
 MAINTENANCE GARAGE**
**ONE-LINE DIAGRAM
 & PANEL SCHEDULE**

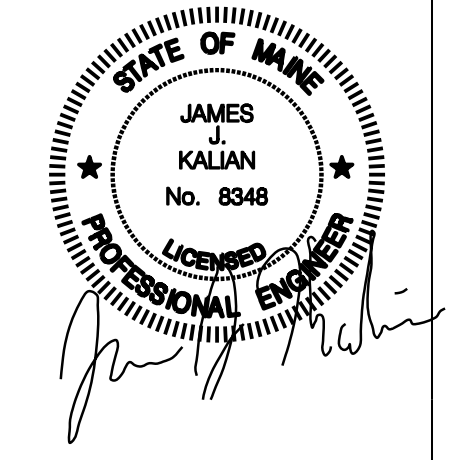
SHEET NUMBER
11

FAN SCHEDULE																
TAG	SERVICE	MODEL	UL LISTED & LABELED	AIRFLOW CFM	ESP IN WC	FAN MOTOR		TIP SPEED	INLET SONES	ELECTRICAL			BACKDRAFT DAMPER	FAN DIMENSIONS L X W X H INS	WEIGHT LB	REMARKS
						RPM	HP			POWER V/PH/HZ	FLA	MOCP				
EF-1	APPARATUS BAY	BSQ-180-7	UL-705	2750	0.50	873	3/4	4227	11.3	230/1/60	6.9	---	NO	41 X 28 X 31	160	NOTES: ALL
EF-2	APPARATUS BAY	SQ-70-VG	UL-705	200	0.50	990	1/15	2107	2.1	115/1/60	---	---	YES	16 X 12 X 12	32	NOTES: ALL

NOTES:
 1. BASIS OF DESIGN IS GREENHECK BELT DRIVEN SQUARE IN-LINE FAN.
 2. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
 3. PROVIDE FACTORY OPTIONAL INLET GUARD.
 4. ELECTRICAL CONTRACTOR SHALL PROVIDE ELECTRIC POWER DROP, DISCONNECT, AND CONNECTION TO UNIT.

THERMOSTATIC MIXING VALVE SCHEDULE										
TAG	SERVICE	MODEL	PART NUMBER	VALVE SIZE CTS	SET POINT DEGREES F	PRESSURE DROP		ELECTRICAL		COMMENTS
						GPM	PSI	POWER	WATTS	
TMV-1	EMERGENCY EYE WASH	---	---	---	---	---	---	---	---	NOTE 1

NOTES:
 1. REFER TO PLUMBING FIXTURE SCHEDULE.



LOUVER SCHEDULE													
TAG	SERVICE	DIRECTION	MODEL	CFM	DIMENSIONS INCHES			FREE AREA		AIRFLOW		BLADE TYPE	REMARKS
					WIDTH	HEIGHT	DEPTH	%	SQ FT	FPM MAX	DP "WG		
L-1	EF-1	EXHAUST	ELF375DX	2750	38	38	4	54.0	5.42	500	<= 0.05"	DRAINABLE	NOTES: ALL
L-2	EF-1	INTAKE	ELF375DX	2750	38	38	4	54.0	5.42	500	<= 0.05"	DRAINABLE	NOTES: ALL
L-3	EF-2	EXHAUST	ELF211	200	12	12	2	42.0	0.42	500	<= 0.05"	DRAINABLE	NOTES: ALL

NOTES:
 1. BASIS OF DESIGN IS RUSKIN STATIONARY LOUVER WITH INTEGRAL FLANGE.
 2. EXTRUDED ALUMINUM CONSTRUCTION WELDED.
 3. PROVIDE COLOR CHART SUBMITTAL FOR OWNER APPROVAL.
 4. PROVIDE FACTORY BIRD SCREEN.
 5. PROVIDE MOTOR OPERATED OPPOSED BLADE DAMPER WITH WEATHER PROOF SEALS.

TRENCH DRAIN SCHEDULE																
TAG	SERVICE	SERIES	NOMINAL CHANNEL LENGTH INCHES	FIRST CHANNEL NUMBER	LAST CHANNEL NUMBER	CONNECTION	BODY MATERIAL	GRATE							REMARKS	
								MODEL NUMBER	CLASS	STYLE	MATERIAL	FINISH	LENGTH	WEIGHT		
TD-1	GARAGE	Z887-6-E4-IA	20	---	---	NO-HUB	HDPE	GDC	C	SLOTTED	DUCTILE IRON	GALVANIZED	20	---	NOTES: ALL	
TD-2	GARAGE	Z886	80	8601	8608	NO-HUB	HDPE	GDC	C	SLOTTED	DUCTILE IRON	GALVANIZED	20	---	NOTES: ALL	

NOTES:
 1. BASIS OF DESIGN IS ZURN PERMA-TRENCH MODULAR TRENCH DRAIN SYSTEM.
 2. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
 3. NO HUB COUPLINGS SHALL BE FOUR BAND MINIMUM, ANACO HUSKY SD 4000 OR EQUAL.

PLUMBING FIXTURE SCHEDULE																			
TAG	DESCRIPTION	BASIS OF DESIGN		COLOR	MATERIAL	ACCESSORY #1			ACCESSORY #2			ACCESSORY #3			DOMESTIC WATER CTS		DRAIN WASTE & VENT		COMMENTS
		MANUFACTURER	MODEL			MANUFACTURER	MODEL	DESCRIPTION	MANUFACTURER	MODEL	DESCRIPTION	MANUFACTURER	MODEL	DESCRIPTION	CW	HW	SAN	VENT	
EEW-1	EMERGENCY EYE WASH	GUARDIAN	G1750P	SAFETY ORANGE	ABS	LEONARD	TA-300-LF	TMV-2 THERMOSTATIC MIXING VALVE	---	---	---	---	---	---	1/2	1/2	---	---	NOTE: 1
HB-1	HOSE BIBB ANTI-SIPHON	WOODFORD	24 P-1/2	CHROME	COPPER ALLOY	---	---	---	---	---	---	---	---	---	1/2	---	---	---	NOTE: 1
FPHB-1	WALL HYDRANT FREEZELESS ANTI-SIPHON	WOODFORD	65-P	CHROME	COPPER ALLOY	---	---	---	---	---	---	---	---	---	3/4	---	---	---	NOTE: 1

NOTES:
 1. PLUMBING FIXTURE INSTALLATION SHALL BE IN ACCORDANCE WITH MAINE STATE PLUMBING CODE.

PREPARED FOR:
 STATE OF MAINE DOT - MAINTENANCE
 FORT FAIRFIELD MAINTENANCE
 GARAGE FORT FAIRFIELD, MAINE
 WIN 072323.00F

TRILLIUM
 ENGINEERING GROUP
 189 MAIN STREET SUITE 200
 YARMOUTH, ME 04096
 David Matero
 Architecture
 49 Centre St
 Bath, Maine 04530
 207.389.4278
 info@davidmatero.com

BENNETT
 ENGINEERING
 MECHANICAL-ELECTRICAL
 (207) 865-8475

DESIGN-DETAILED	CHECKED-REVIEWED	ISSUED FOR BID	REVISION 1	REVISION 2	REVISION 3	FIELD CHANGES	BY	DATE	ME	PE NUMBER	DATE
								01.06.23			07-11-23

FORT FAIRFIELD
 MAINTENANCE GARAGE
 MECHANICAL &
 PLUMBING SCHEDULES

SHEET NUMBER
12