

MacKay-Lyons Sweetapple **Architects Limited**

2188 Gottingen Street Halifax, Nova Scotia Canada B3K 3B4 ph: (902) 429-1867 fax: (902) 429-6276

Dynamic Structures Structural Engineers

1887 N 1120 W Provo, Utah, United States 84604 ph: (801) 356-1140

Salmon Electrical Contractors **Electrical Engineers**

1778 West 1180 South Woods Cross, Utah, United States 84087 ph: (801) 292-3444

Mountain Resort Builders LLC **Construction Management** 3625 S. Honeycut Rd.

Salt Lake City, Utah, United States 84106 ph: (801) 699-4571 ph: (801) 259 9447

Mechanical Systems and Service Inc. **Mechanical Engineers**

1055 South 700 West Salt Lake City, Utah, United States 84104 ph: (801) 255-9333 fax: (801) 924-8583

Langvardt Design Group

Landscape 328 200 South Salt Lake City, Utah, United States 84101 ph: (801) 583-1295

Talisman Civil Engineers

5217 S State St #200 Murray, Utah, United States 84107 ph: (801) 743-1300

CIVIL **Civil Title Sheet** General Notes, Key Notes and Legend

C1.02 Overall Key Map C2.00 Site and Utility Plan - West C2.01 Site and Utility Plan - East C2.02 Sanitary Sewer Plan and

A201 C3.00 Grading and Drainage Plan -A300 A301 C3.01 Grading and Drainage Plan -A400 A401 **Erosion Control Plan - Overall** C4.00 C6.00 **Details** C6.01 **Booster Pump Details** C6.02 **Booster Pump Details** C6.03 Sewer Ejector Details

C6.04

C6.05

C6.06

A500 A510 A511 A520 A600 A601 **Details Details** A602 A603 **Guardrail Details**

Millwork Details A610 Stair A700 Ramp Details Window/Door Schedule A900

ARCHITECTURAL

A100

A101

A102

A200

Abbreviations, Key Plan &

Code Review, Fire Separation

Room Finish Schedules

Reflected Ceiling Plans

Exterior Elevations

Exterior Elevations

Building Sections

Building Sections

Plan Details

Millwork Millwork

Millwork

Section Details

Section Details

Plan & Height Restriction Chart

Flashing and Membrane Details **S6.1**

Partition Types

Site Plan

Floor Plans

MECHANICAL

Mechanical Legend and Notes Special Inspection Sheet Plumbing Lower Plan **Special Inspection Sheet** PP100 **Below Floor** PP101 Plumbing Floor Plans -Waste and Vent Main Floor Framing Plan PP102 **Plumbing Floor Plans** -**Upper Floor and Roof Framing** Domestic Main Floor and Upper Floor PP501 **Plumbing Details** Plumbing Schedules PP601 Plumbing Waste and PP901 Vent Isometric

ELECTRICAL

E301 Electrical Plan - Cabin 1000 Main & Lower Level



Horizon Neighborhood Cabins

STRUCTURAL

S2.1

S3.1

S4.1

S5.1

General Note Sheet

Foundation Plan

Shear Wall Plans

Construction Details

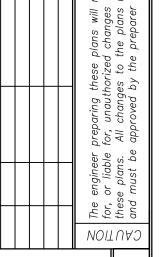
1000 SF Cabin

HORIZON NEIGHBORHOOD PRUD AT SUMMIT POWDER MOUNTAIN

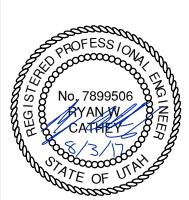
CONSTRUCTION DRAWINGS

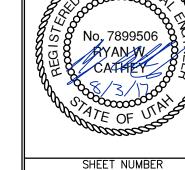






NEIGHBORHOOD





SCALE VERTICAL: 1"= N/A HORIZONTAL: 1"= 3000' CONTRACTOR TO STRICTLY FOLLOW GEOTECHNICAL RECOMMENDATIONS FOR THIS PROJECT. ALL GRADING INCLUDING BUT NOT LIMITED TO CUT, FILL, COMPACTION, ASPHALT SECTION, SUBBASE, TRENCH EXCAVATION/BACKFILL, SITE GRUBBING, RETAINING WALLS AND FOOTINGS MUST BE COORDINATED DIRECTLY WITH THE PROJECT GEOTECHNICAL ENGINEER.

TRAFFIC CONTROL, STRIPING & SIGNAGE TO CONFORM TO CURRENT UDOT TRANSPORTATION ENGINEER'S MANUAL AND MANUAL OF UNIFORM TRAFFIC CONTROL

DEVICES. 4. ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO OWNER.

5. CONSULT ALL OF THE DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION.

AT ALL LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAWCUT TO A CLEAN, SMOOTH EDGE.

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MOST RECENT, ADOPTED EDITION OF ADA ACCESSIBILITY GUIDELINES. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED.

NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED THOROUGHLY REVIEWED PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND NOTIFYING ENGINEER OR INSPECTING AUTHORITY 48 HOURS IN ADVANCE OF COVERING UP ANY PHASE OF

CONSTRUCTION REQUIRING OBSERVATION. 10. ANY WORK IN THE PUBLIC RIGHT-OF-WAY WILL REQUIRE PERMITS FROM THE APPROPRIATE, CITY, COUNTY OR STATE AGENCY CONTROLLING THE ROAD, INCLUDING

OBTAINING REQUIRED INSPECTIONS. 11. ALL DIMENSIONS, GRADES & UTILITY DESIGNS SHOWN ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES.

12. CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS BEFORE BIDDING AND BRING UP ANY QUESTIONS BEFOREHAND. 13. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH BY THE GEOTECHNICAL

14. CATCH SLOPES SHALL BE GRADED AS SPECIFIED ON GRADING PLANS.

15. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FLAGGING, CAUTION SIGNS. LIGHTS. BARRICADES, FLAGMEN, AND ALL OTHER DEVICES NECESSARY FOR PUBLIC SAFETY. 16. CONTRACTOR SHALL, AT THE TIME OF BIDDING AND THROUGHOUT THE PERIOD OF THE CONTRACT, BE LICENSED IN THE STATE OF UTAH AND SHALL BE BONDABLE FOR AN AMOUNT EQUAL TO OR GREATER THAN THE AMOUNT BID AND TO DO THE TYPE OF WORK CONTEMPLATED IN THE PLANS AND SPECIFICATIONS. CONTRACTOR SHALL BE SKILLED AND REGULARLY ENGAGED IN THE GENERAL CLASS AND TYPE OF WORK

CALLED FOR IN THE PLANS AND SPECIFICATIONS. 17. CONTRACTOR SHALL INSPECT THE SITE OF THE WORK PRIOR TO BIDDING TO SATISFY HIMSELF BY PERSONAL EXAMINATION OR BY SUCH OTHER MEANS AS HE MAY PREFER OF THE LOCATION OF THE PROPOSED WORK AND OF THE ACTUAL CONDITIONS OF AND AT THE SITE OF WORK. IF, DURING THE COURSE OF HIS EXAMINATION, A BIDDER FINDS FACTS OR CONDITIONS WHICH APPEAR TO HIM TO BE IN CONFLICT WITH THE LETTER OR SPIRIT OF THE PROJECT PLANS AND SPECIFICATIONS, HE SHALL CONTACT THE ENGINEER FOR ADDITIONAL INFORMATION AND EXPLANATION BEFORE SUBMITTING HIS BID. SUBMISSION OF A BID BY THE CONTRACTOR SHALL CONSTITUTE ACKNOWLEDGMENT THAT, IF AWARDED THE CONTRACT, HE HAS RELIED AND IS RELYING ON HIS OWN EXAMINATION OF (1) THE SITE OF THE WORK, (2) ACCESS TO THE SITE, AND (3) ALL OTHER DATA AND MATTERS REQUISITE TO THE FULFILLMENT OF THE WORK AND ON HIS OWN KNOWLEDGE OF EXISTING FACILITIES ON AND IN THE VICINITY OF THE SITE OF THE WORK TO BE CONSTRUCTED UNDER THIS CONTRACT. THE INFORMATION PROVIDED BY THE ENGINEER IS NOT INTENDED TO BE A SUBSTITUTE FOR. OR A SUPPLEMENT TO, THE INDEPENDENT VERIFICATION BY THE CONTRACTOR TO THE EXTENT SUCH INDEPENDENT INVESTIGATION OF SITE CONDITIONS IS DEFMED NECESSARY OR DESIRABLE BY THE CONTRACTOR. CONTRACTOR SHALL ACKNOWLEDGE THAT HE HAS NOT RELIED SOLELY UPON OWNER- OR ENGINEER-FURNISHED INFORMATION REGARDING SITE CONDITIONS IN PREPARING AND

SUBMITTING HIS BID. 18. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL WATER. POWER. SANITARY FACILITIES AND TELEPHONE SERVICES AS REQUIRED FOR THE CONTRACTOR'S USE DURING CONSTRUCTION.

19. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER, ENGINEER, AND/OR GOVERNING AGENCIES.

20. CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, CONTROL POINTS, REFERENCE POINTS AND ALL SURVEY STAKES, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERRORS CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE.

21. CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

22. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY SCHEDULING INSPECTION AND TESTING OF ALL FACILITIES CONSTRUCTED UNDER THIS CONTRACT. ALL TESTING SHALL CONFORM TO THE REGULATORY AGENCY'S STANDARD SPECIFICATIONS. ALL TESTING AND INSPECTION SHALL BE PAID FOR BY THE OWNER; ALL RE—TESTING AND/OR RE-INSPECTION SHALL BE PAID FOR BY THE CONTRACTOR.

23. IF EXISTING IMPROVEMENTS NEED TO BE DISTURBED AND/OR REMOVED FOR THE PROPER PLACEMENT OF IMPROVEMENTS TO BE CONSTRUCTED BY THESE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE. COST OF REPLACING OR REPAIRING EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS REQUIRING REMOVAL AND/OR REPLACEMENT. THERE WILL BE NO EXTRA COST DUE TO THE CONTRACTOR FOR REPLACING OR REPAIRING EXISTING IMPROVEMENTS.

24. WHENEVER EXISTING FACILITIES ARE REMOVED, DAMAGED, BROKEN, OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE PLANS OR SPECIFICATIONS, SAID FACILITIES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE WITH MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL EXISTING FACILITIES. THE FINISHED PRODUCT SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER, THE ENGINEER, AND THE RESPECTIVE REGULATORY AGENCY.

25. CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL—SIZE AS—BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL STRUCTURES AND OTHER FACILITIES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR. PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER ONE SET OF NEATLY MARKED AS—BUILT RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. AS-BUILT RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS-BUILT RECORD DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS REDLINED AS A PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL ACCEPTANCE.

26. WHERE THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.

GENERAL NOTES CONT.

27. CONTRACTOR SHALL BE SKILLED AND REGULARLY ENGAGED IN THE GENERAL CLASS AND TYPE OF WORK CALLED FOR IN THE PROJECT PLANS AND SPECIFICATIONS. THEREFORE, THE OWNER IS RELYING UPON THE EXPERIENCE AND EXPERTISE OF THE CONTRACTOR. PRICES PROVIDED WITHIN THE CONTRACT DOCUMENTS SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THE TRUE INTENT AND PURPOSE OF THESE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE COMPETENT, KNOWLEDGEABLE AND HAVE SPECIAL SKILLS IN THE NATURE, EXTENT AND INHERENT CONDITIONS OF THE WORK TO BE PERFORMED. CONTRACTOR SHALL ALSO ACKNOWLEDGE THAT THERE ARE CERTAIN PECULIAR AND INHERENT CONDITIONS EXISTENT IN THE CONSTRUCTION OF THE PARTICULAR FACILITIES WHICH MAY CREATE, DURING THE CONSTRUCTION PROGRAM, UNUSUAL OR UNSAFE CONDITIONS HAZARDOUS TO PERSONS, PROPERTY AND THE ENVIRONMENT. CONTRACTOR SHALL BE AWARE OF SUCH PECULIAR RISKS AND HAVE THE SKILL AND EXPERIENCE TO FORESEE AND TO ADOPT PROTECTIVE MEASURES TO ADEQUATELY AND SAFELY PERFORM THE CONSTRUCTION WORK WITH RESPECT TO SUCH HAZARDS.

28. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL STRIPING AND/OR PAVEMENT MARKINGS NECESSARY TO TIE EXISTING STRIPING INTO FUTURE STRIPING. METHOD OF REMOVAL SHALL BE BY GRINDING OR SANDBLASTING.

29. CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, SLOPING OR OTHER PROVISIONS NECESSARY TO PROTECT WORKMEN FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF 4' OR MORE. FOR EXCAVATIONS 4 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH INDUSTRIAL COMMISSION OF UTAH SAFETY ORDERS SECTION 68 - EXCAVATIONS, AND SECTION 69 -TRENCHES, ALONG WITH ANY LOCAL CODES OR ORDINANCES.

30. ALL EXISTING GATES AND FENCES TO REMAIN UNLESS OTHERWISE NOTED ON PLANS. PROTECT ALL GATES AND FENCES FROM DAMAGE.

UTILITY NOTES

 CONTRACTOR SHALL COORDINATE LOCATION OF NEW "DRY UTILITIES" WITH THE APPROPRIATE UTILITY COMPANY, INCLUDING BUT NOT LIMITED TO: TELEPHONE SERVICE, GAS SERVICE, CABLE, POWER, INTERNET.

2. EXISTING UTILITIES HAVE BEEN SHOWN ON THE PLANS USING A COMBINATION OF ON-SITE SURVEYS (BY OTHERS). PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE, IN THE FIELD. THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY BLUE STAKES AT 1-800-662-4111 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK. THE CONTRACTOR SHALL RECORD THE BLUE STAKES ORDER NUMBER AND FURNISH ORDER NUMBER TO OWNER AND ENGINEER PRIOR TO ANY EXCAVATION. IT WILL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DIRECTLY CONTACT ANY OTHER UTILITY COMPANIES THAT ARE NOT MEMBERS OF BLUE STAKES. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES

INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE PROJECT. CONTRACTOR SHALL POT HOLE ALL UTILITIES TO DETERMINE IF CONFLICTS EXIST PRIOR TO BEGINNING ANY EXCAVATION. NOTIFY ENGINEER OF ANY CONFLICTS. CONTRACTOR SHALL VERIFY LOCATION AND INVERTS OF EXISTING UTILITIES TO WHICH NEW UTILITIES WILL BE CONNECTED. PRIOR TO COMMENCING ANY EXCAVATION WORK THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ACCORDANCE WITH THE REQUIRED PROCEDURES.

CARE SHOULD BE TAKEN IN ALL EXCAVATIONS DUE TO POSSIBLE EXISTENCE OF UNRECORDED UTILITY LINES. EXCAVATION REQUIRED WITHIN PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT HIS EXPENSE.

ALL VALVES AND MANHOLE COVERS SHALL BE RAISED OR LOWERED TO MEET

CONTRACTOR SHALL CUT PIPES OFF FLUSH WITH THE INSIDE WALL OF THE BOX OR MANHOLE. CONTRACTOR SHALL GROUT AT CONNECTION OF PIPE TO BOX WITH NON-

SHRINKING GROUT, INCLUDING PIPE VOIDS LEFT BY CUTTING PROCESS, TO A SMOOTH FINISH. 8. CONTRACTOR SHALL GROUT WITH NON-SHRINK GROUT BETWEEN GRADE RINGS

AND BETWEEN BOTTOM OF INLET LID FRAME AND TOP OF CONCRETE BOX. 9. SILT AND DEBRIS IS TO BE CLEANED OUT OF ALL STORM DRAIN BOXES. CATCH BASINS ARE TO BE MAINTAINED IN A CLEANED CONDITION AS NEEDED UNTIL

AFTER THE FINAL BOND RELEASE INSPECTION. 10. CONTRACTOR SHALL CLEAN ASPHALT, TAR OR OTHER ADHESIVES OFF OF ALL MANHOLE LIDS AND INLET GRATES TO ALLOW ACCESS.

11. EACH TRENCH SHALL BE EXCAVATED SO THAT THE PIPE CAN BE LAID TO THE ALIGNMENT AND GRADE AS REQUIRED. THE TRENCH WALL SHALL BE SO BRACED THAT THE WORKMEN MAY WORK SAFELY AND EFFICIENTLY. ALL TRENCHES SHALL BE DRAINED SO THE PIPE LAYING MAY TAKE PLACE IN DEWATERED CONDITIONS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE COST OF DEWATERING AND NO COST CHANGE WILL BE PROVIDED.

12. CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES AMPLE MEANS AND DEVICES WITH WHICH TO REMOVE PROMPTLY AND TO PROPERLY DISPOSE OF ALL WATER ENTERING THE TRENCH EXCAVATION.

13. MAINTAIN A MINIMUM 18" VERTICAL SEPARATION DISTANCE BETWEEN ALL UTILITY CROSSINGS.

14. CONTRACTOR SHALL START INSTALLATION AT LOW POINT OF ALL NEW GRAVITY UTILITY LINES.

15. ALL BOLTED FITTINGS MUST BE GREASED AND WRAPPED. 16. UNLESS SPECIFICALLY NOTED OTHERWISE, MAINTAIN AT LEAST 2 FEET OF COVER OVER ALL STORM DRAIN LINES AT ALL TIMES (INCLUDING DURING CONSTRUCTION).

17. ALL WATER LINES SHALL BE INSTALLED A MINIMUM OF 60" OF COVER TO TOP OF PIPE BELOW FINISHED GRADE. 18. ALL SEWER LINES AND SEWER SERVICES SHALL HAVE A MINIMUM SEPARATION OF

10 FEET, PIPE EDGE TO PIPE EDGE, FROM THE WATER LINES. 19. CONTRACTOR SHALL INSTALL THRUST BLOCKING AT ALL WATERLINE ANGLE POINTS

AND TEES. 20. ALL UNDERGROUND UTILITIES SHALL BE IN PLACE PRIOR TO INSTALLATION OF

CURB. GUTTER, SIDEWALK AND STREET PAVING. 21. CONTRACTOR SHALL INSTALL MAGNETIC LOCATING TAPE CONTINUOUSLY OVER ALL NONMETALLIC PIPE.

22. THE CONTRACTOR SHALL NOTIFY TALISMAN CIVIL CONSULTANTS, LLC. IN WRITING AT LEAST 48 HOURS PRIOR TO BACKFILLING OF ANY PIPE WHICH STUBS TO A FUTURE PHASE OF CONSTRUCTION FOR INVERT VERIFICATION. TOLERANCE SHALL BE IN ACCORDANCE WITH THE REGULATORY AGENCY STANDARD SPECIFICATIONS. 23. UNDER NO CIRCUMSTANCE SHALL THE PIPE OR ACCESSORIES BE DROPPED INTO

^ 24. TŘENČHING INSTALLED PAŘALLEL TO FOOTINGS AND WALLS SHALL NOT EXTEND INTO THE BEARING PLANE OF THE FOOTING OR WALL.

EROSION CONTROL GENERAL NOTES:

THE CONTRACTOR TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL FOR CONSTRUCTION OF THIS PROJECT. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO WEBER COUNTY ORDINANCES AND ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE COUNTIES. ALSO, INSPECTORS WILL HAVE THE RIGHT TO CHANGE THE FACILITIES AS NEEDED.

CONTRACTOR SHALL KEEP THE SITE WATERED TO CONTROL DUST. CONTRACTOR TO LOCATE A NEARBY HYDRANT FOR USE AND TO INSTALL TEMPORARY METER. CONSTRUCTION WATER COST TO BE INCLUDED IN BID.

WHEN GRADING OPERATIONS ARE COMPLETED AND THE DISTURBED GROUND IS LEFT "OPEN" FOR 14 DAYS OR MORE, THE AREA SHALL BE FURROWED PARALLEL TO THE CONTOURS.

THE CONTRACTOR SHALL MODIFY EROSION CONTROL MEASURES TO ACCOMMODATE PROJECT PLANNING.

LEGEND:

SYMBOL / LINETYPE **DESCRIPTION** DETAIL 4"ø C-900 PRESSURE CLASS 165 PVC WATER PIPE APWA PLAN NO. 381,382 6"ø C-900 PRESSURE CLASS 165 PVC WATER PIPE APWA PLAN NO. 381,382 6"ø C-900 PRESSURE CLASS 235 PVC PIPE APWA PLAN NO. 381,382 _____6" F _____ APWA PLAN NO. 521 PROPOSED WATER METER APWA PLAN NO. 552 AND DETAIL D, SHEET 6.00 1 1/2" WATER LATERAL APWA PLAN NO. 381,382 -----8"SS HDPE-----8"ø SDR35 PVC SEWER PIPE 1.5" PRESSURE SEWER PIPE - DR-11 IPS APWA PLAN NO. 381,382 ———(1)SS-P ——— APWA PLAN NO. 431 AND DETAIL D, SHEET 6.00 4" SANITARY SEWER LATERAL _____SS____ 15"ø STORM DRAIN PIPE. SEE KEYNOTE. _____15"SD _____ PROPOSED GAS MAIN PROPOSED GAS METER PROPOSED GAS LATERAL PROPOSED ELECTRICAL CONDUIT PROPOSED FIRE HYDRANT ASSEMBLY/STAND PIPE APWA PLAN NO. 511 PROPOSED SEWER CLEANOUT PROPOSED SEWER MANHOLE PROPOSED PAVEMENT SECTION APWA PLAN NO. 315 ADJOINING PROPERTY BOUNDARY PER IGES GEOTECH REPORT 11/09/12 ______

NOTE: LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN PLAN SET.

EROSION CONTROL GENERAL NOTES:

THE CONTRACTOR TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL FOR CONSTRUCTION OF THIS PROJECT. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO WEBER COUNTY ORDINANCES AND ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE COUNTIES. ALSO, INSPECTORS WILL HAVE THE RIGHT TO CHANGE THE FACILITIES AS NEEDED.

FUTURE IMPROVEMENTS

PROPOSED SEWER PIPE

EXISTING 10" WATER PIPE

PROPOSED 6" WATER PIPE

PROPOSED EDGE OF TRAVEL

EXISTING ELECTRICAL CONDUIT

PROPOSED COMMUNICATION LINE

PROPOSED LOT LINE

CONTRACTOR SHALL KEEP THE SITE WATERED TO CONTROL DUST. CONTRACTOR TO LOCATE A NEARBY HYDRANT FOR USE AND TO INSTALL TEMPORARY METER. CONSTRUCTION WATER COST TO BE INCLUDED IN BID.

WHEN GRADING OPERATIONS ARE COMPLETED AND THE DISTURBED GROUND IS LEFT "OPEN" FOR 14 DAYS OR MORE, THE AREA SHALL BE FURROWED PARALLEL TO THE CONTOURS.

THE CONTRACTOR SHALL MODIFY EROSION CONTROL MEASURES TO ACCOMMODATE PROJECT PLANNING.

ALL ACCESS TO PROPERTY WILL BE FROM PUBLIC RIGHT-OF-WAYS.

THE CONTRACTOR IS REQUIRED BY STATE AND FEDERAL REGULATIONS TO PREPARE A STORM WATER POLLUTION PREVENTION PLAN AND FILE A "NOTICE OF INTENT" WITH THE UTAH DIVISION OF WATER QUALITY.

ALL BEST MANAGEMENT PRACTICES (BMP'S) SHOWN ON THIS PLAN MUST BE MAINTAINED AT ALL TIMES UNTIL VEGETATION IS RE-ESTABLISHED.

THE CONTRACTOR'S RESPONSIBILITY SHALL INCLUDE MAKING BI-WEEKLY CHECKS ON ALL EROSION CONTROL MEASURES TO DETERMINE IF REPAIR OR SEDIMENT REMOVAL IS NECESSARY. CHECKS SHALL BE DOCUMENTED AND COPIES OF THE INSPECTIONS KEPT ON SITE.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE—HALF THE HEIGHT OF BARRIER.

SEDIMENT TRACKED ONTO PAVED ROADS MUST BE CLEANED UP AS SOON AS PRACTICAL. BUT IN NO CASE LATER THAN THE END OF THE NORMAL WORK DAY. THE CLEAN UP WILL INCLUDE SWEEPING OF THE TRACKED MATERIAL. PICKING IT UP. AND DEPOSITING IT TO A CONTAINED AREA.

EXPOSED SLOPES:

ANY EXPOSED SLOPE THAT WILL REMAIN UNTOUCHED FOR LONGER THAN 14 DAYS MUST BE STABILIZED BY ONE OR MORE OF THE FOLLOWING METHODS:

A) SPRAYING DISTURBED AREAS WITH A TACKIFIER VIA HYDROSEED B) TRACKING STRAW PERPENDICULAR TO SLOPES

C) INSTALLING A LIGHT-WEIGHT, TEMPORARY EROSION CONTROL BLANKET

* SEED MIXTURE FOR REVEGITATION

a. MEADOW BROME (RIGOR) 14lb/ac b. ORCHARD GRASS 10lb/ac c. ALFALFA (ADAK) 4lb/ac

WEBER COUNTY

2380 WASHINGTON BLVD. #240 OGDEN, UT 84401

ROCKY MOUNTIAN POWER

POWDER MOUNTAIN WATER & SEWER DISTRICT

PO BOX 270

PLAN REVIEW ACCEPTANCE

MECHANICAL X PLUMBING

TELECTRICAL ENERGY

LAN REVIEW ACCEPTANCE OF DOCUME

STATE, OR LOCAL REGULATIONS

EST COAST CODE CONSULTANTS, II

DATE: 08/24/17

ACCESSIBILITY FIRE

MEM

(801) 399-8374

1438 WEST 2550 SOUTH OGDEN, UT 84401 (801) 629-4429

EDEN, UT 84310 (801) 745-0912

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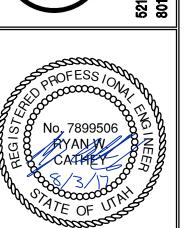
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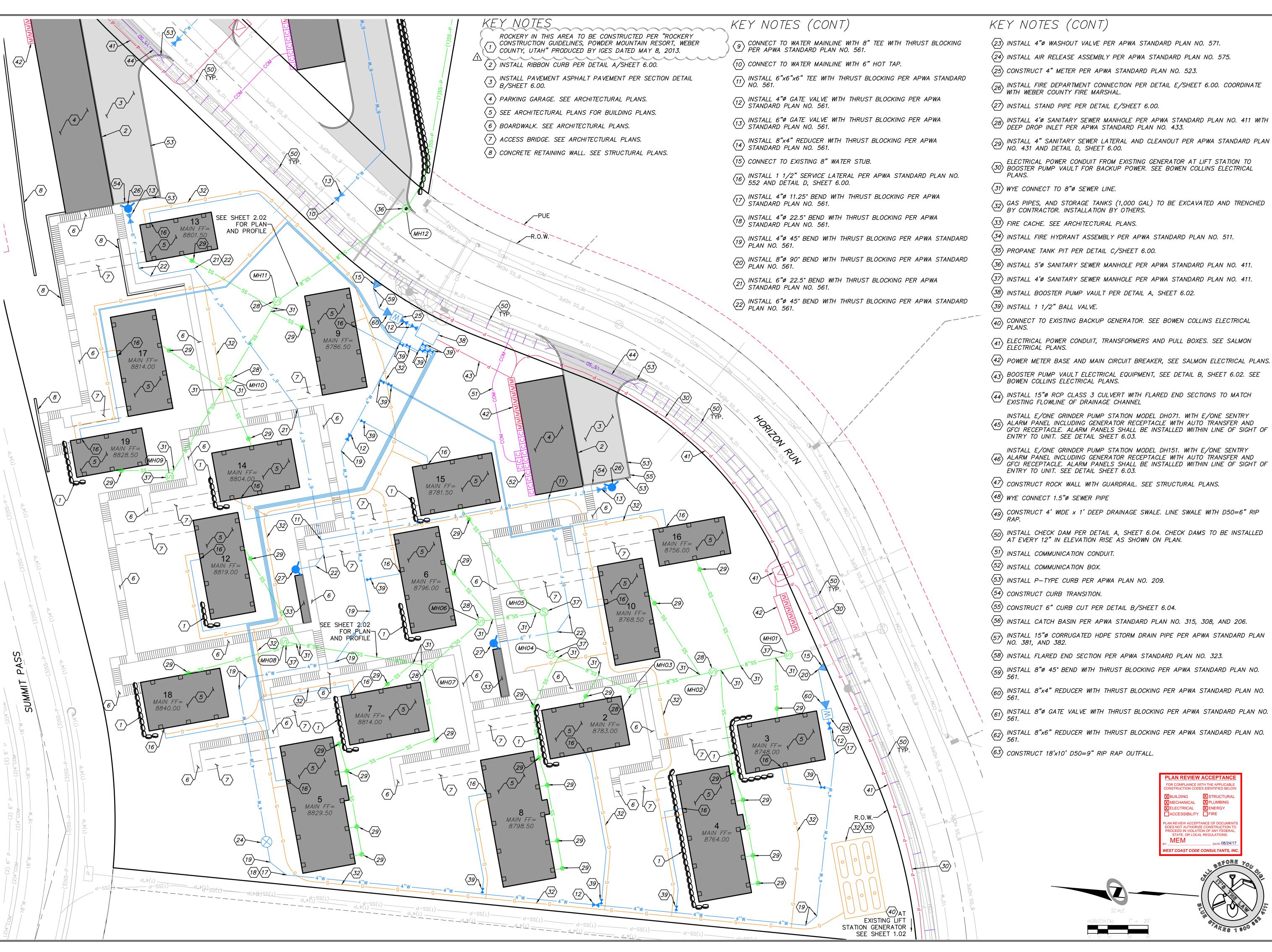


SHEET NUMBER

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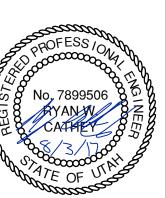
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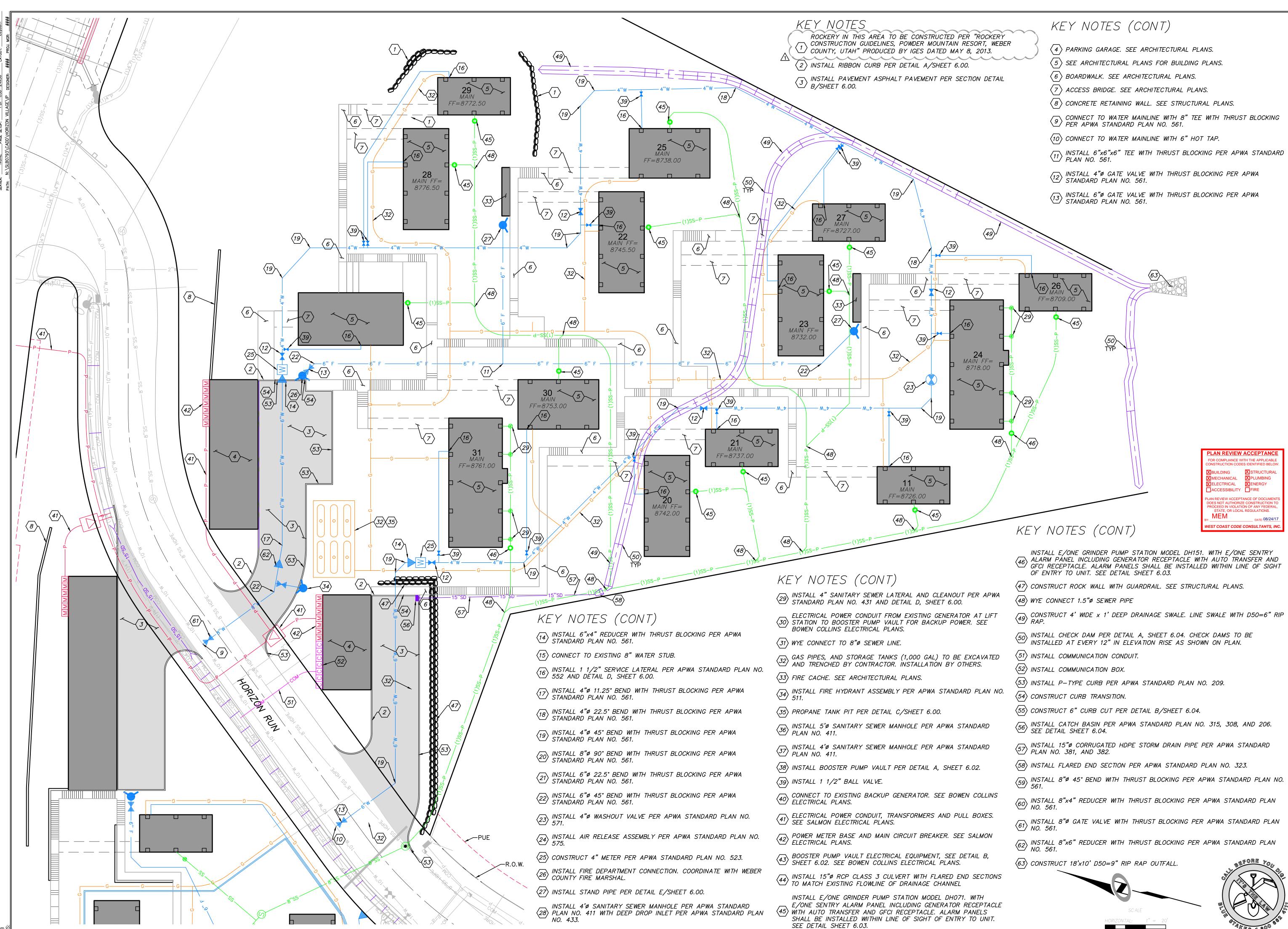
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SCALE VERTICAL: 1"= N/A

HORIZONTAL: 1"= 20' JOB NUMBER **SLB0793**



- (7) ACCESS BRIDGE. SEE ARCHITECTURAL PLANS.
- 9 CONNECT TO WATER MAINLINE WITH 8" TEE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- (10) CONNECT TO WATER MAINLINE WITH 6" HOT TAP.
- INSTALL 6"x6"x6" TEE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- (12) INSTALL 4"Ø GATE VALVE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- INSTALL 6"Ø GATE VALVE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.

NEIGHBORHO

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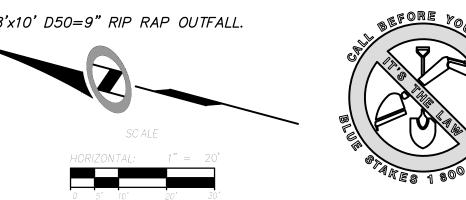
MECHANICAL ELECTRICAL

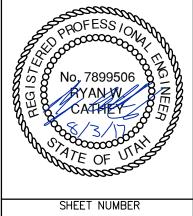
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FOR COMPLIANCE WITH THE APPLICABL

DATE: 08/24/17

- (53) INSTALL P-TYPE CURB PER APWA STANDARD PLAN NO. 209.
- (55) CONSTRUCT 6" CURB CUT PER DETAIL B/SHEET 6.04.
- 56 INSTALL CATCH BASIN PER APWA STANDARD PLAN NO. 315, 308, AND 206. SEE DETAIL SHEET 6.04.
- 57) INSTALL 15"Ø CORRUGATED HDPE STORM DRAIN PIPE PER APWA STANDARD PLAN NO. 381, AND 382.
- (58) INSTALL FLARED END SECTION PER APWA STANDARD PLAN NO. 323.
- 60 INSTALL 8"x4" REDUCER WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- (61) INSTALL 8"Ø GATE VALVE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- (62) INSTALL 8"x6" REDUCER WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.

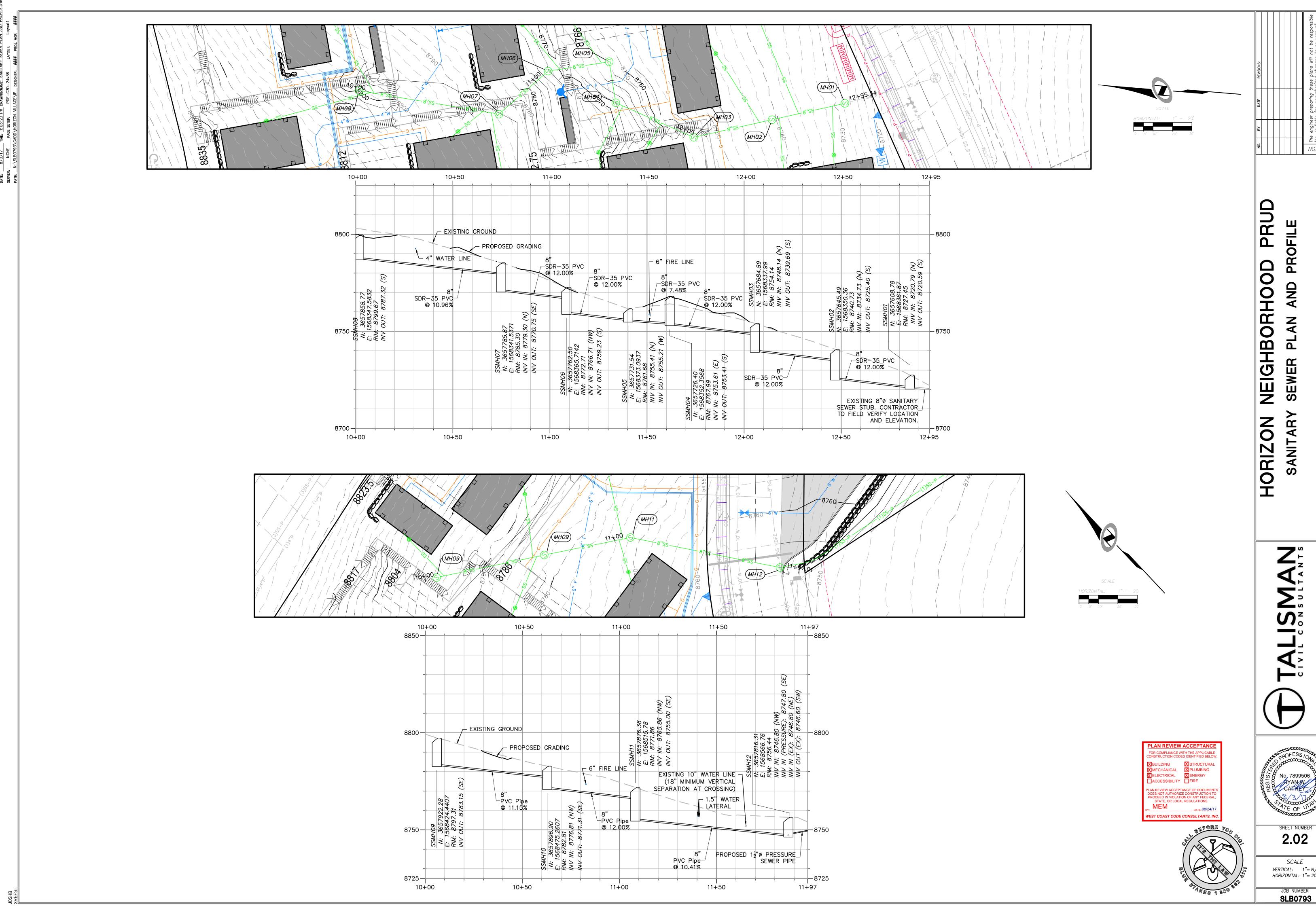




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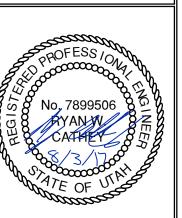
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SLB0793



POWDER

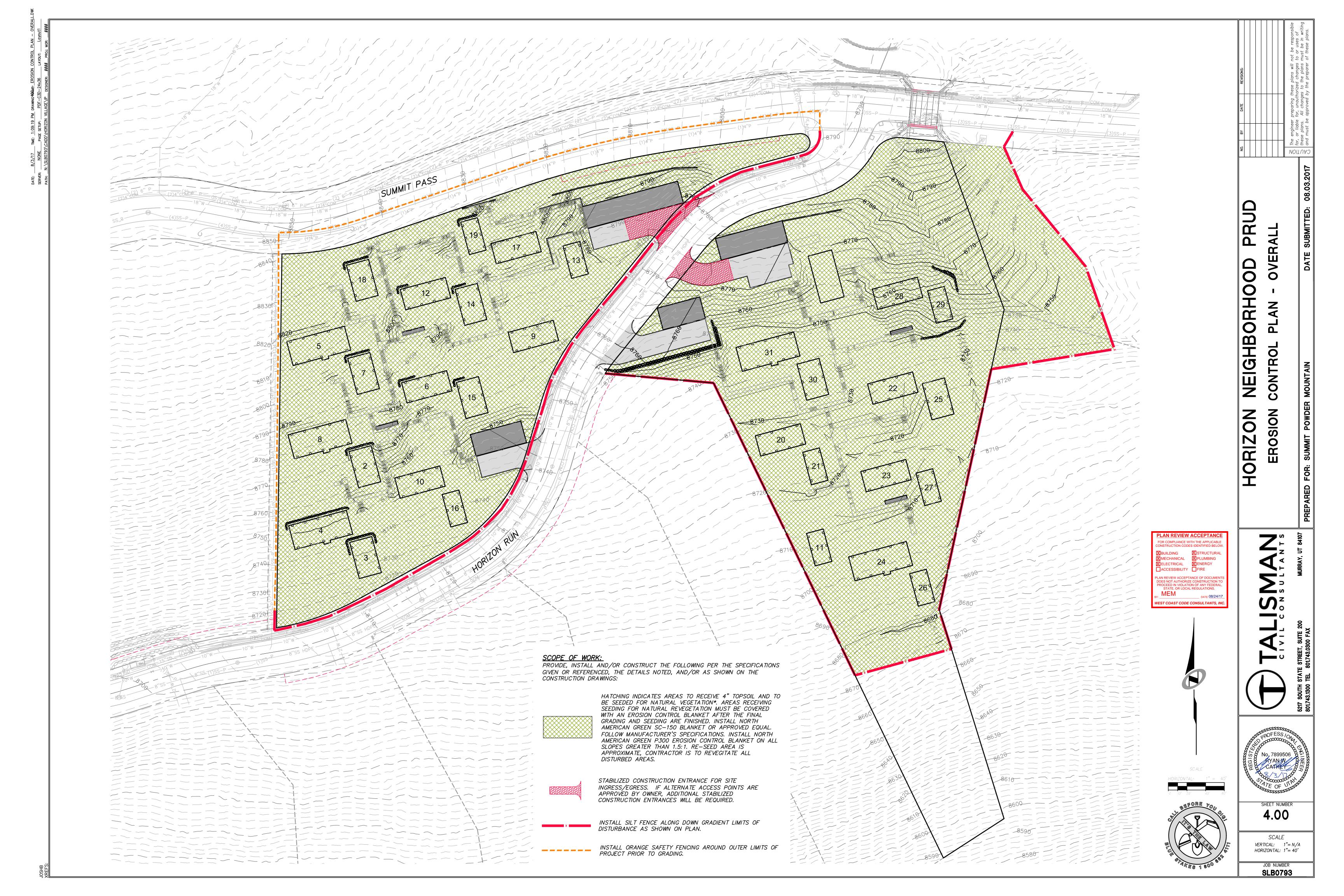


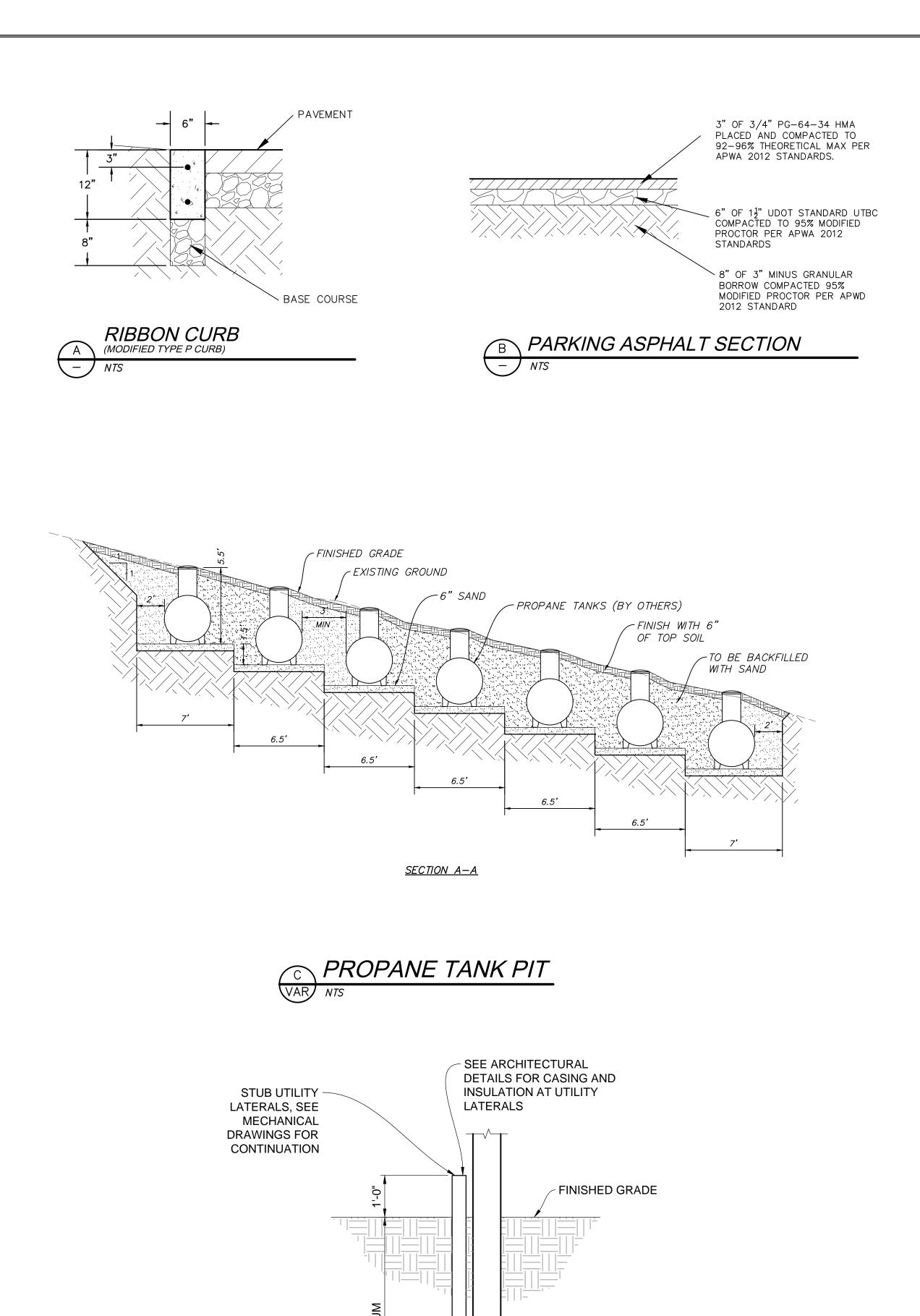


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WATER, SEWER OR -GAS LATERAL TO

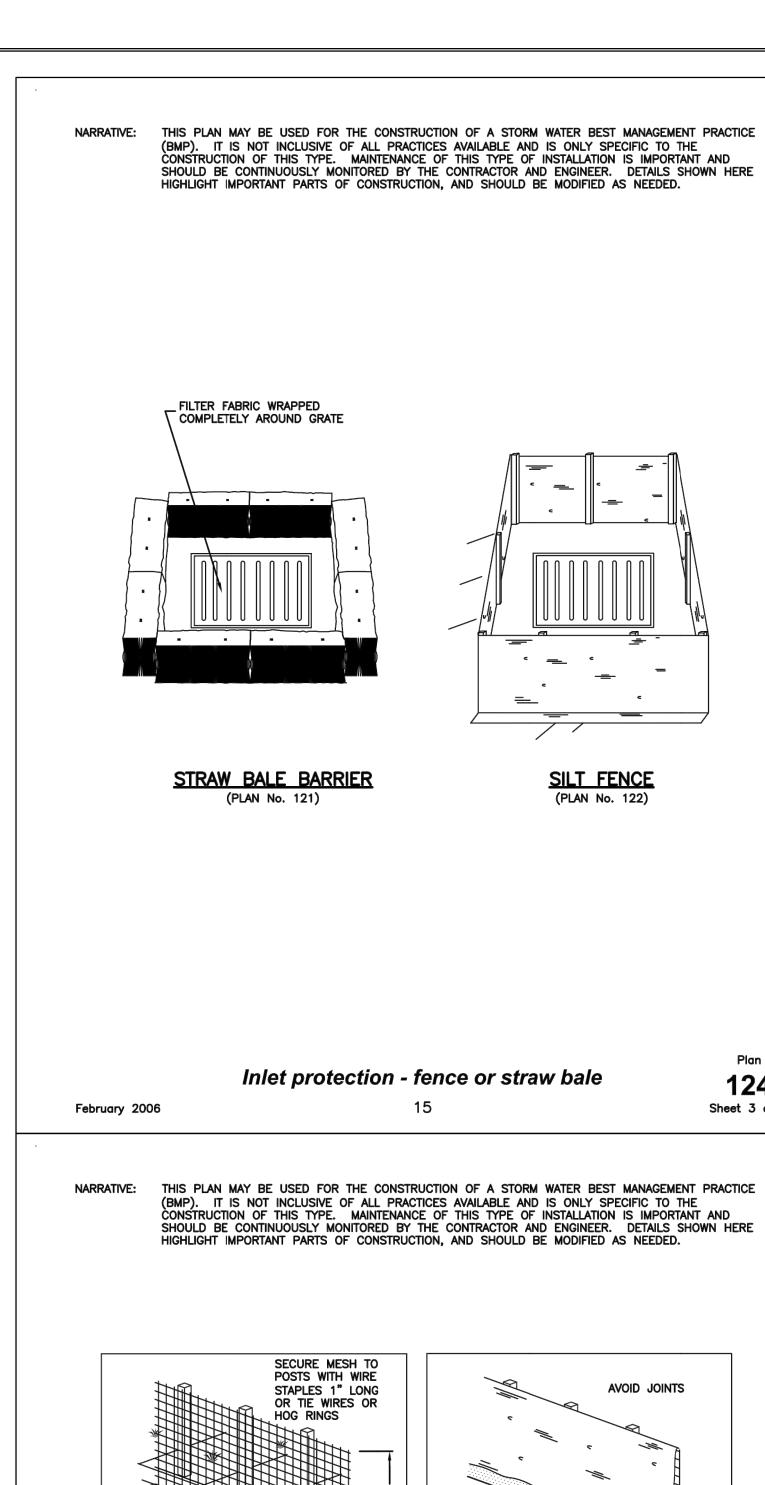
BUILDING

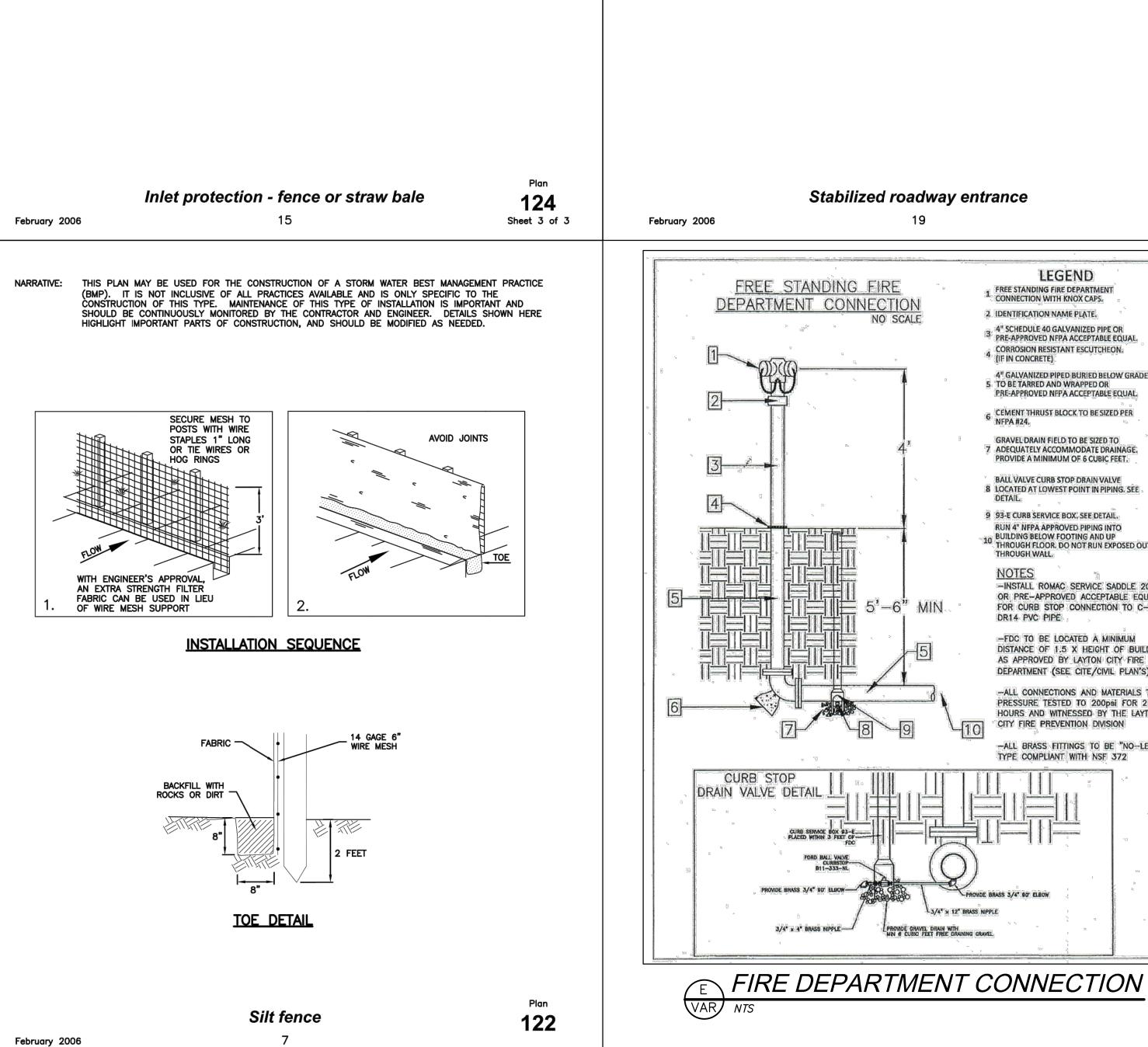
SERVICE LATERAL DETAIL
VAR NTS

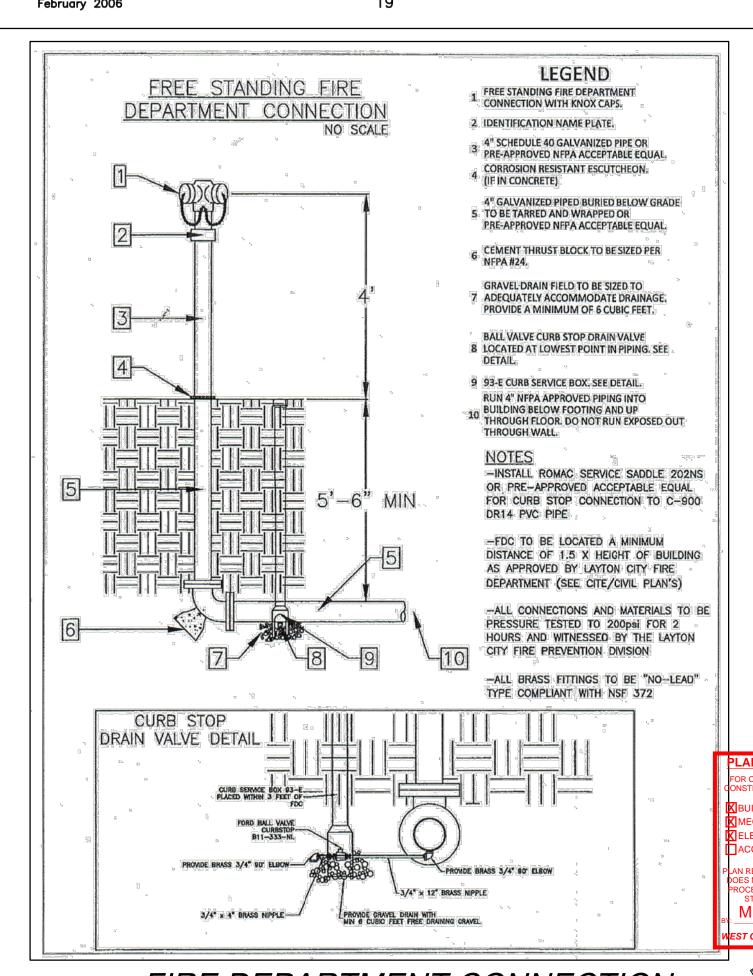
- STRUCTURAL COLUMN

STRUCTURAL DRAWINGS

AND FOOTING, SEE







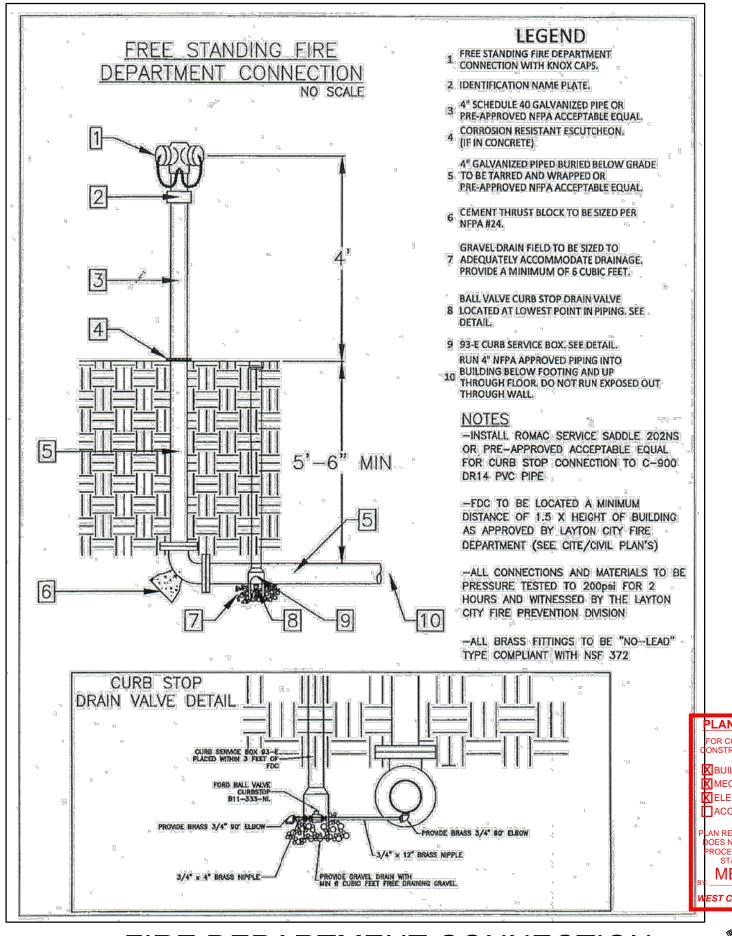
THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT

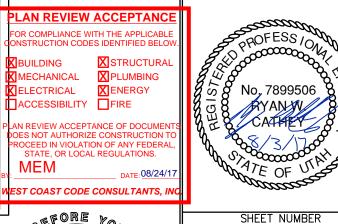
2" TO 4" SIZE COARSE AGGREGATE

SEDIMENT FABRIC UNDER GRAVEL

PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT

AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.

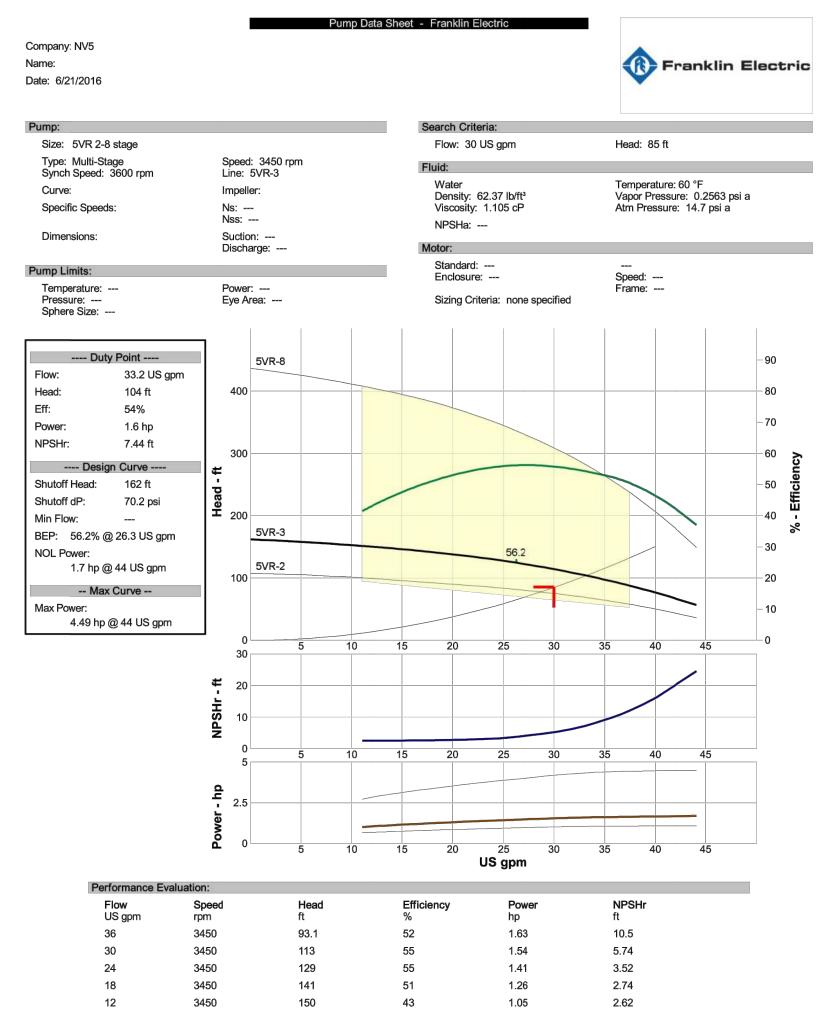




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SCALE VERTICAL: 1"= N/A HORIZONTAL: 1"= N/A JOB NUMBER SLB0793



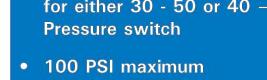
Selected from catalog: FECentrifugal.60 Vers: 1.3

0616

FLINT & WALLING Zoeller Family of Water Solutions™

Supersedes AIR-E-TAINER® **WELL SYSTEM TANKS**

Inline tanks pre-charged for 30-50 pressure switch -Vertical tanks pre-charged for either 30 - 50 or 40 - 60 Pressure switch



- working pressure Powder-coated exterior and interior
- Butyl rubber parabolic diaphragm
- 5 year Limited Warranty



132662

132663

133517

135460

136876

AIR-E-TAINER® PRE-PRESSURIZED WELL SYSTEM TANKS

Part No.	Total Tank Vol. Gallons		down - C I Setting	The second second second	Approx. Size In. Dia x Ht	Ship Wt Lbs	NPT Size/	Factory Precharge	Max Working Pressure (PSI)	Max Working Temp
	Voi. Gallons	20/40	30/50	40/60	Dia X III	LDS	IVIIL	PSIG	Flessule (FSI)	remp
131009	2	0.7	0.6		8-1/4 x 10-1/5	5	3/4" M	28	100	140
132477	4.6	1.6	1.4		11 x 14-3/4	9	3/4" M	28	100	140
132661	14	5.2	4.3	3.7	15-3/8 x 24-3/4	25.5	1" F	38	100	200
132662	20	7.4	6.2	5.4	15-3/8 x 32-1/4	30	1" F	38	100	200
132663	36	13.3	11.1	9.7	20 x 38-5/8	45	1" F	38	100	200
133517	52	19.2	16.1	14	23-3/8 x 38-5/8	77	1-1/4" F	38	100	200
136875	65	23.9	20	17.5	23-3/8 x 46-3/5	87	1-1/4" F	38	100	200
135460	86	31.8	26.7	23.2	23-3/8 x 59	105	1-1/4" F	38	100	200
136876	119.5	44	37	32	26 x 61-1/4	165	1-1/4" F	38	100	200

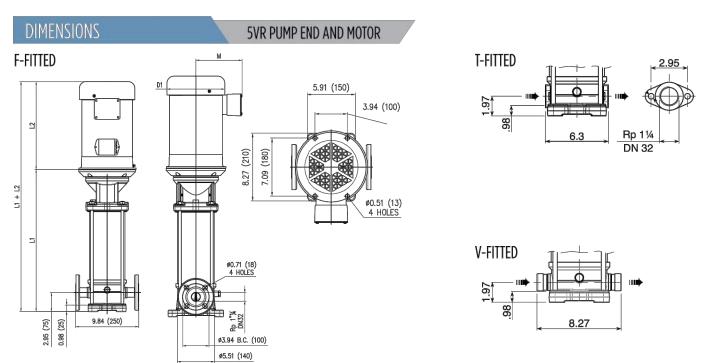
***In keeping with current industry standards, drawdown factors are based on Boyle's law. Actual drawdowns will vary depending upon system variables, including the accuracy and operation of the pressure switch and gauage and operating temperature of the system. Caution: install a pressure relief valve on any installation where the pump pressure can exceed the tank's maximum working pressure. NOTE: Precharged tanks cannot ship via air freight.

NOTE: Pre-charged tanks cannot ship via air freight.

MULTI-STAGE PUMPS VERTICAL VR SERIES







F-Fitted*: Round flanges on body type PN25—pump is su	ions (in)	Dimens	mp End	Pu	ns (in)	l Dimens	mp End	Pu
joints, bolts, and counter flanges.	Model No.	L1 'F"	HP	Stages	Model No.	L1 'F"	HP	Stages
	5VR9-60 N	20.14	5	9	5VR2-60 N	13.49	1	2
T-Fitted: Oval flanges on body type PN16—pump is suppli	5VR10-60 N	21.08	5	10	5VR3-60 N	14.44	1.5	3
counter flanges for pipe to be screwed, joints, and bolts.	5VR11-60 N	21.54	7.5	11	5VR4-60 N	14.99	2	4
	5VR12-60 N	22.48	7.5	12	5VR5-60 N	15.93	3	5
V 50 1 6 1 11 170 1 437 1 1 180	5VR13-60 N	23.43	7.5	13	5VR6-60 N	17.29	3	6
V-Fitted: Connections with rapid fittings type "Victaulic®"	5VR14-60 N	24.37	7.5	14	5VR7-60 N	18.25	5	7
supplied without collars.	5VR15-60 N	25.31	7.5	15	5VR8-60 N	19.19	5	8

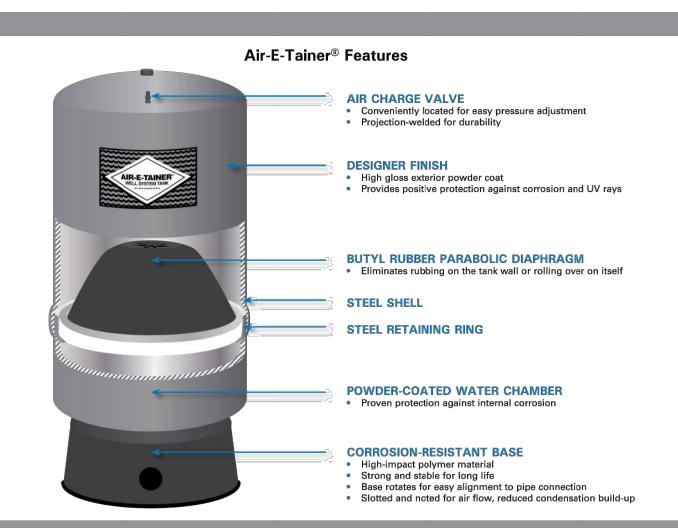
ted*: Round flanges on body type PN25—pump is supplied without s, bolts, and counter flanges. tted: Oval flanges on body type PN16—pump is supplied without oval

ted: Connections with rapid fittings type "Victaulic®"—pump is plied without collars.

								Motor	Dimer	sions	(in)								
Phase	НР	Frame	Standard E	fficien	cy ODF)	Premium E	fficien	cy ODF		Phase	Standard E	fficien	cy TEF(Standard E	fficien	y TEFC	
Pilase	пР	ridille	Volts	L2	М	D1	Volt	L2	M	D1	Pridse	Volts	L2	M	D1	Volt	L2	М	D1
	1	56C		11.22	5.06	6.19							11.35	5.19	6.19		11.35	5.19	6.19
	1.5	560		12.72	5.06	6.2	N/A	NI/A	NI/A	NI/A			11.97	5.19	6.19	E7E	11.97	5.19	6.19
7	2	56C	200 270/460	13.22	5.06	6.2	N/A	N/A	N/A	N/A	7	200 270/460	12.85	5.19	6.19	313	12.85	5.19	6.19
,	3	560	200 230/400	13.24	5.62	7.16						200 230/400	13.23	5.74	7.19		13.23	5.74	7.19
	5	182/4TC		16.55	5.61	8.92	208-230/460	13.62	6.75	8.5			16.55	6.87	8.5	N/A	N/A	N/A	N/A
	7.5	182/4TC		16.55	6.87	8.6	208-230/460	15	6.75	8.5			18.05	6.87	8.5	IVA	IN/A	N/A	NyA
Dhaca	LID	Framo	Premium E	fficien	cy TEF	(Premium E	fficien	cy TEF(Dhace	Standard E	fficien	cy ODF	1	Standard E	fficien	y TEFC	
Phase	HP	Frame -	Premium E Volt	fficien L2	cy TEFO M	C D1	Premium E Volts	ifficien L2	cy TEF(M	D1	Phase	Standard E Volts	fficien L2	cy ODF M	D1	Standard E Volt	fficien L2	y TEFC M	D1
Phase	HP 1	Frame -					The same of the sa				Phase				-				ř
Phase	HP 1 1.5	Section -	Volt	L2	M	D1	Volts	L2	М	D1	Phase		L2	М	D1		L2	М	D1
7	1	56C					The same of the sa				Phase	Volts	L2 12.72	M 5.06	D1 6.19	Volt	L2 12.25	M 5.55	D1 7.19
	1	56C 56C 56C 56C	Volt	L2	M	D1	Volts	L2	М	D1	Phase	Volts	L2 12.72 12.73	M 5.06 5.06	D1 6.19 6.2	Volt 115/230	L2 12.25 13.25	M 5.55 5.74	D1 7.19 7.19
7	1	56C 56C 56C	Volt	L2	M	D1	Volts	L2	М	D1	Phase	Volts 115/230 230	12.72 12.73 13.24 12.94	M 5.06 5.06 5.61 5.73	D1 6.19 6.2 7.19 6.62	Volt	12.25 13.25 14.12	M 5.55 5.74 6.62	D1 7.19 7.19 7.19
7	1	56C 56C 56C 56C	Volt N/A	L2 N/A	M N/A	D1 N/A	Volts N/A	L/2 N/A	M N/A	D1 N/A	Phase 1	Volts 115/230	12.72 12.73 13.24	5.06 5.06 5.61	D1 6.19 6.2 7.19	Volt 115/230	12.25 13.25 14.12 14.12	M 5.55 5.74 6.62 5.79	7.19 7.19 7.19 7.19 7.19

AIR-E-TAINER® **WELL SYSTEM TANKS**







Air-E-Tainer® tank in a typical 30/50 pressure range.

Flint & Walling | 95 North Oak Street | Kendallville, IN 46755

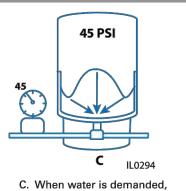
A. Tank is pre-pressurized with

30PSI

D. When pressure in tank drops to pressure switch cut-in point (30 psig) pump refills the tank

as in Illustration B.

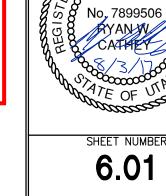
B. When pump starts, water enters the reservoir. At 50 psig, system is filled. Pump shuts off.



pressure in the air chamber forces water into the system. Pump turns



FOR COMPLIANCE WITH THE APPLICABLE



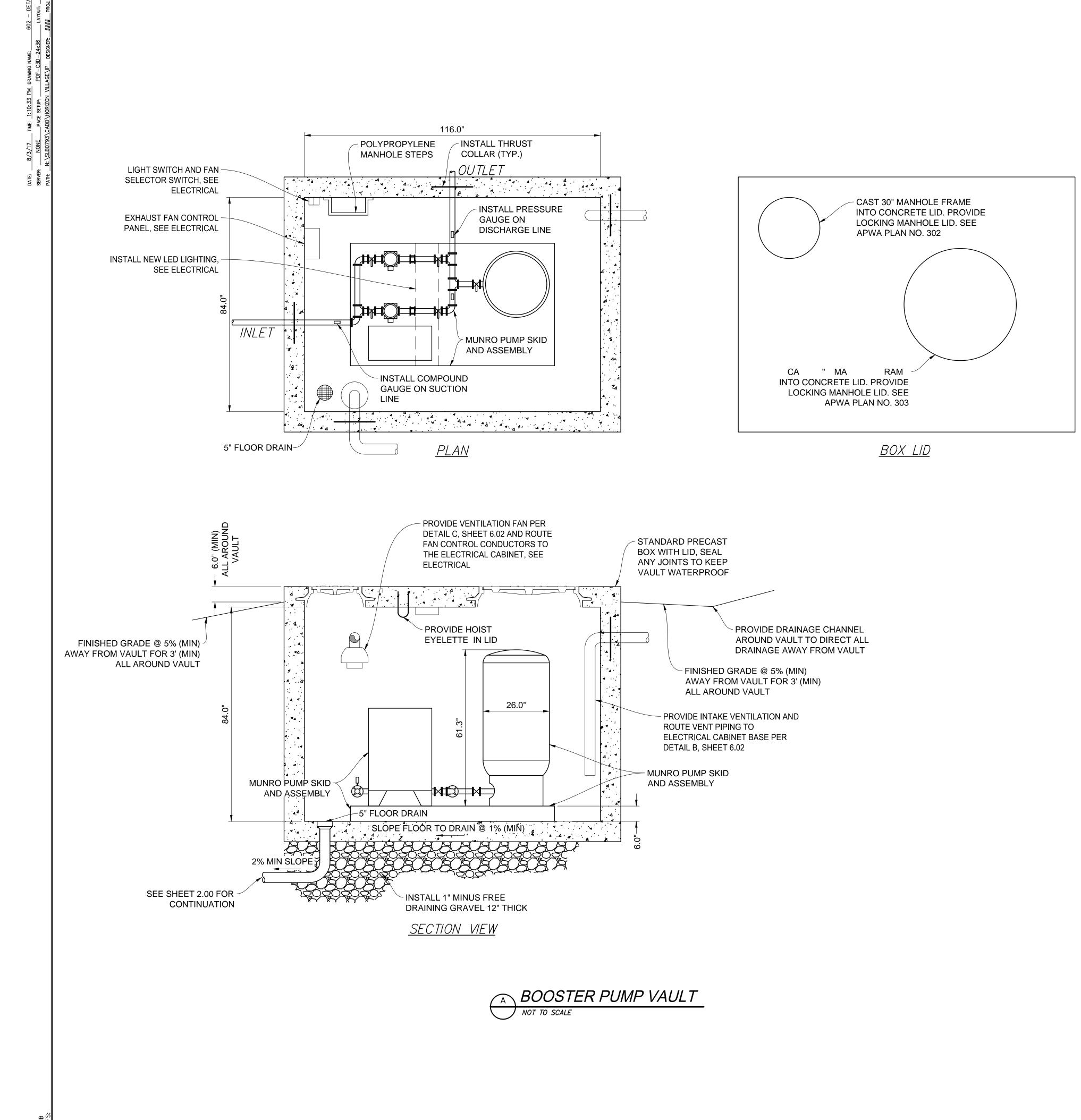
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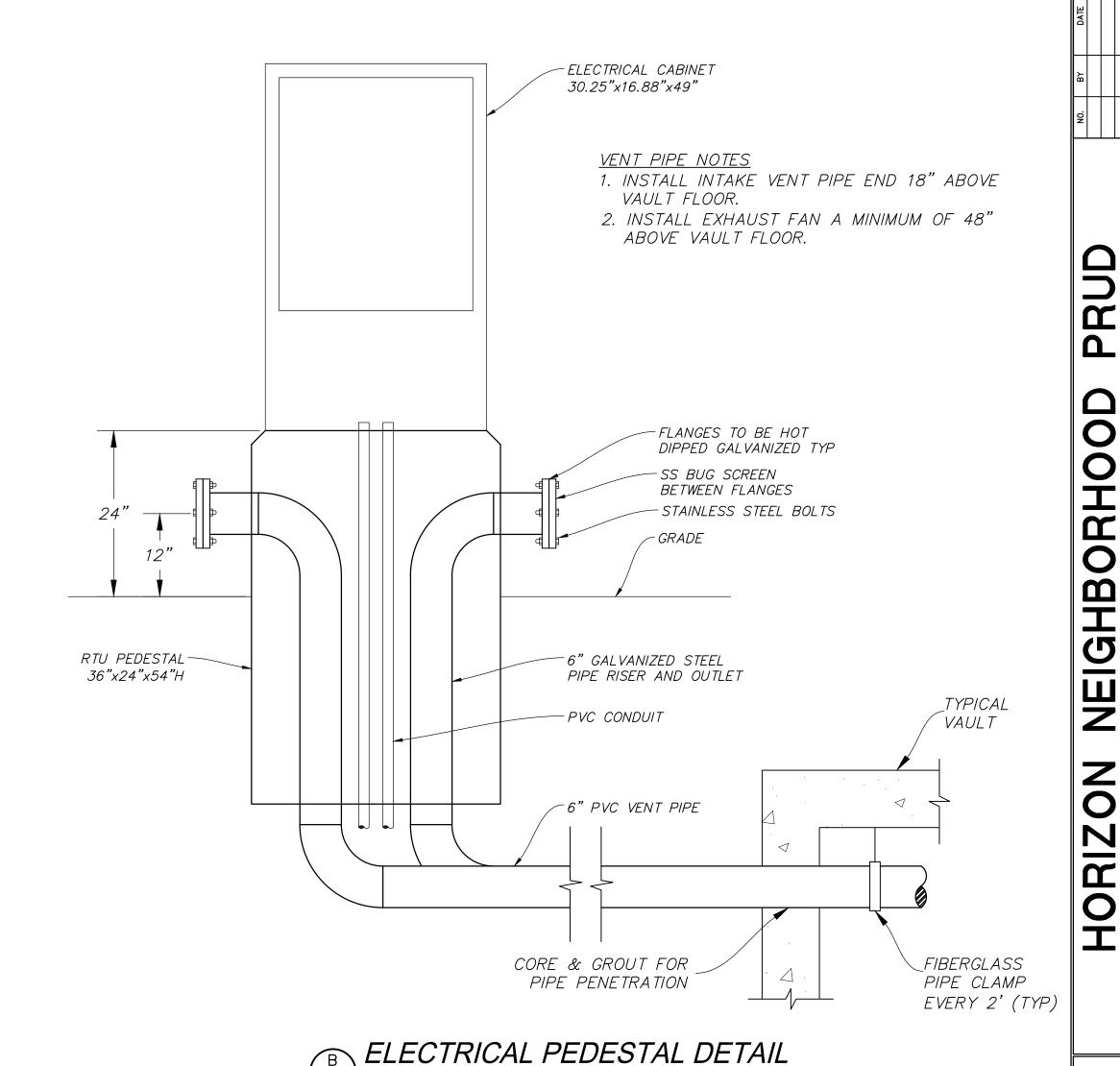
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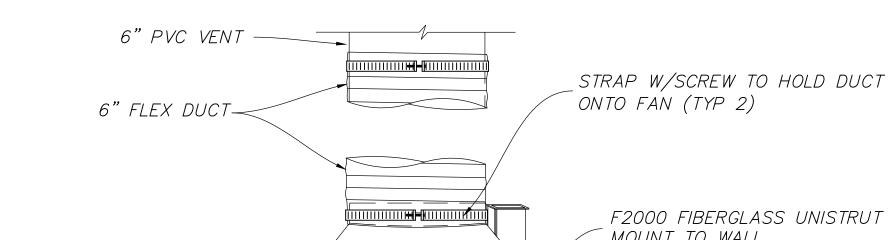
800-345-9422 | www.flintandwalling.com

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SLB0793

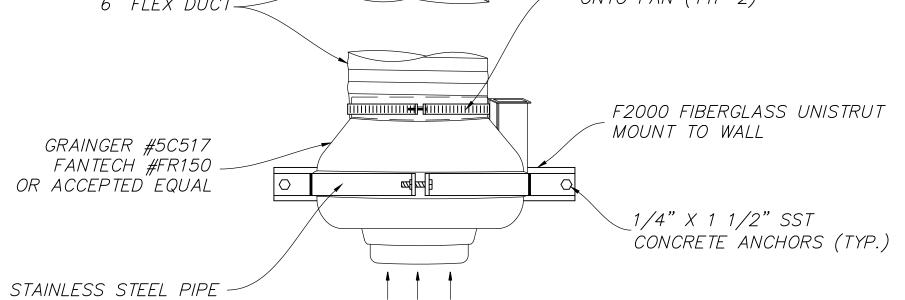






NOT TO SCALE

CLAMP SIZE FOR FAN

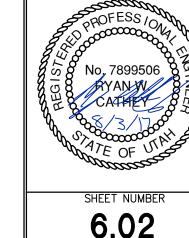




FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW MECHANICAL ENERGY ELECTRICAL AN REVIEW ACCEPTANCE OF DOCUMENT IOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL STATE, OR LOCAL REGULATIONS. MEM EST COAST CODE CONSULTANTS, INC

PROVIDE FAN WITH FINGER GUARD





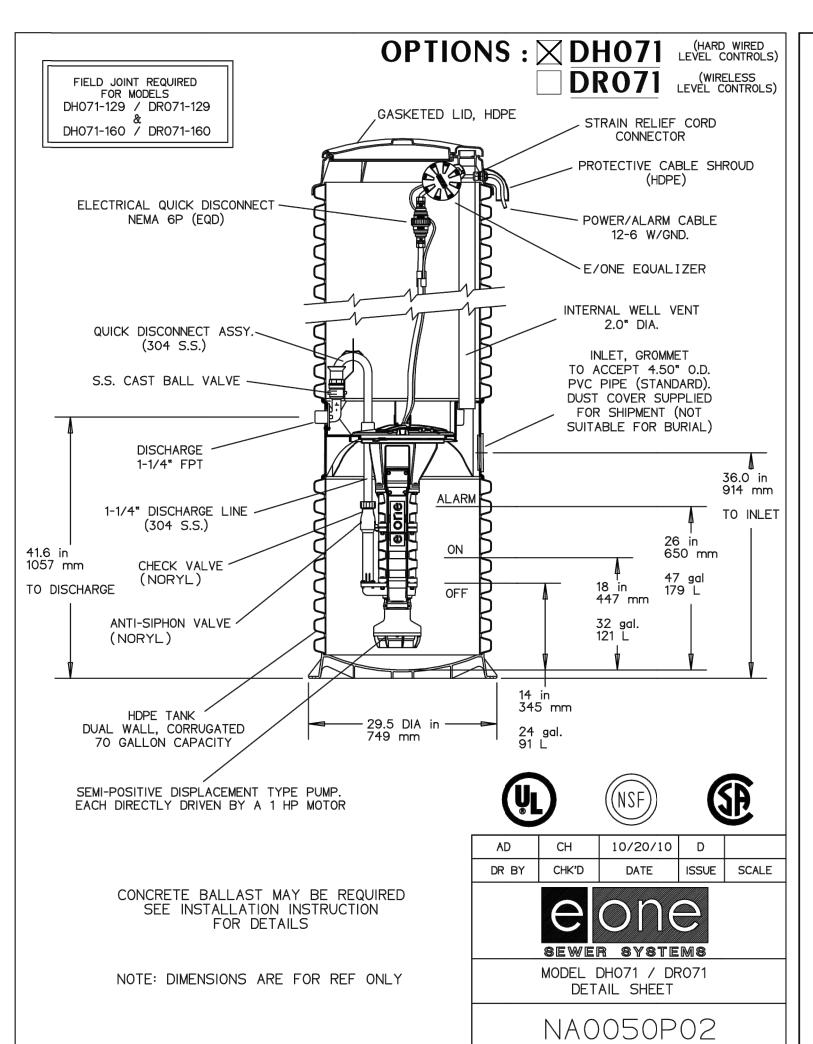
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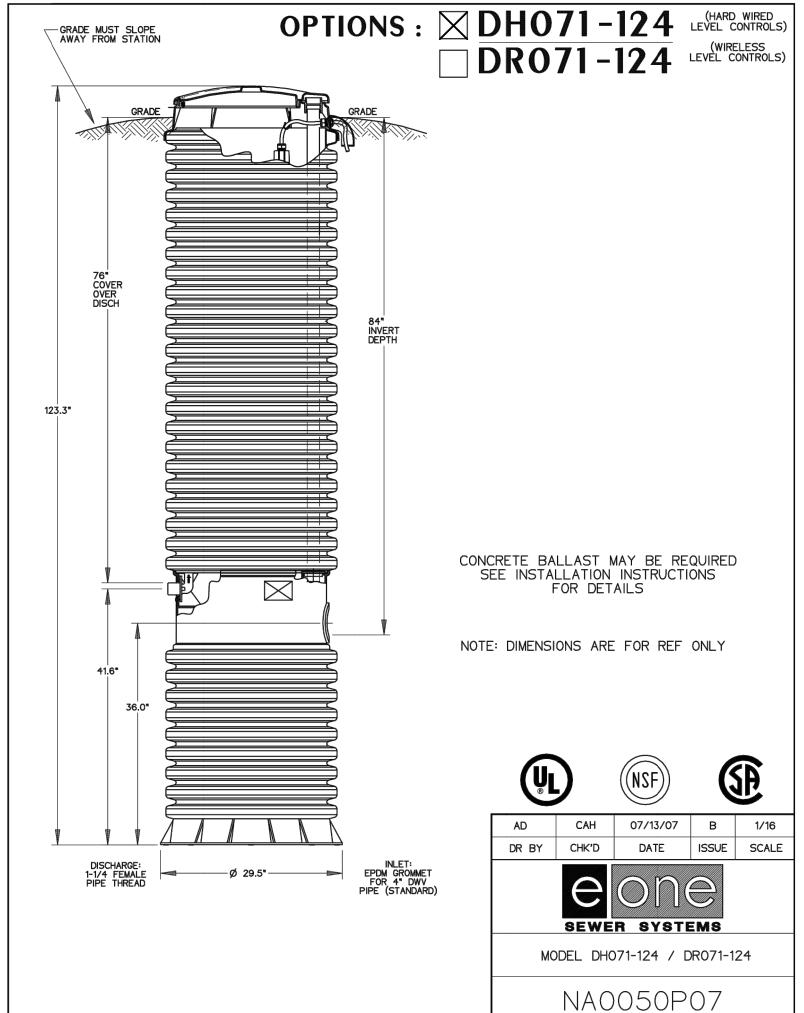
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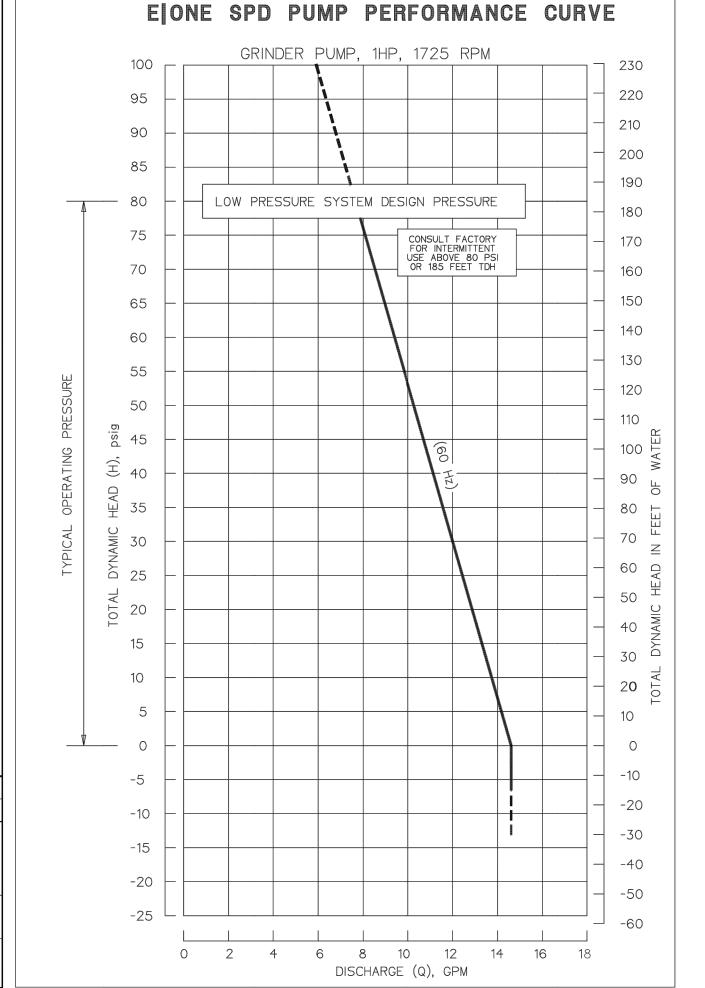
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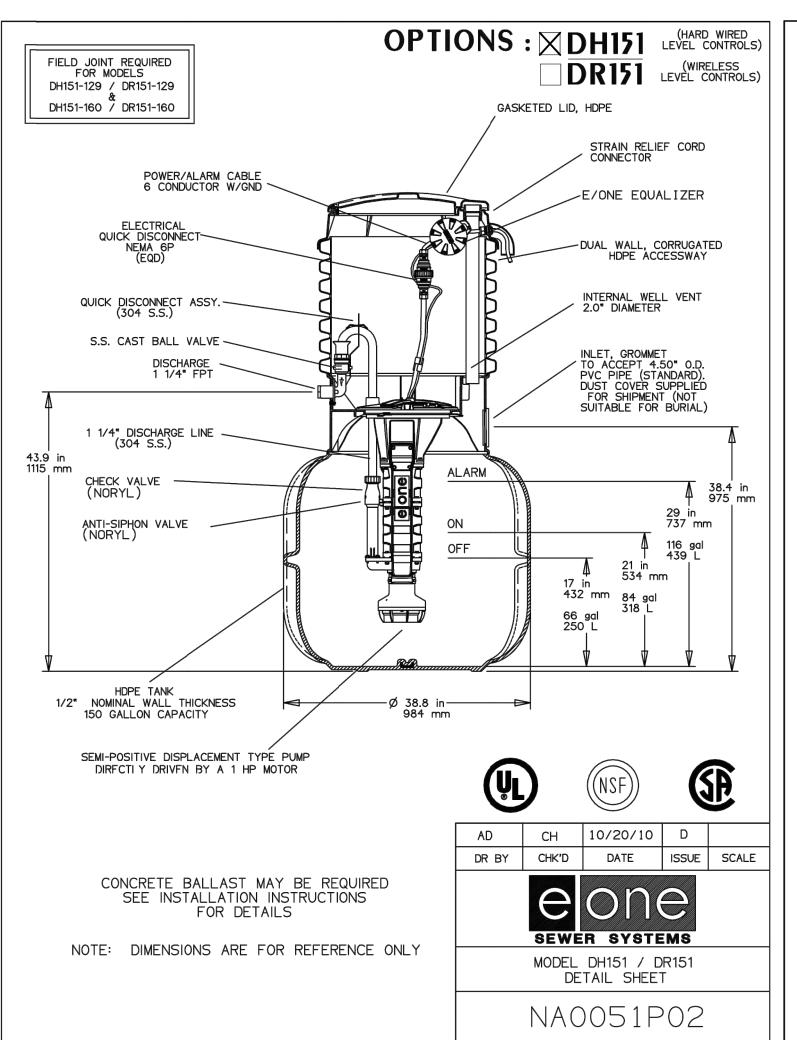
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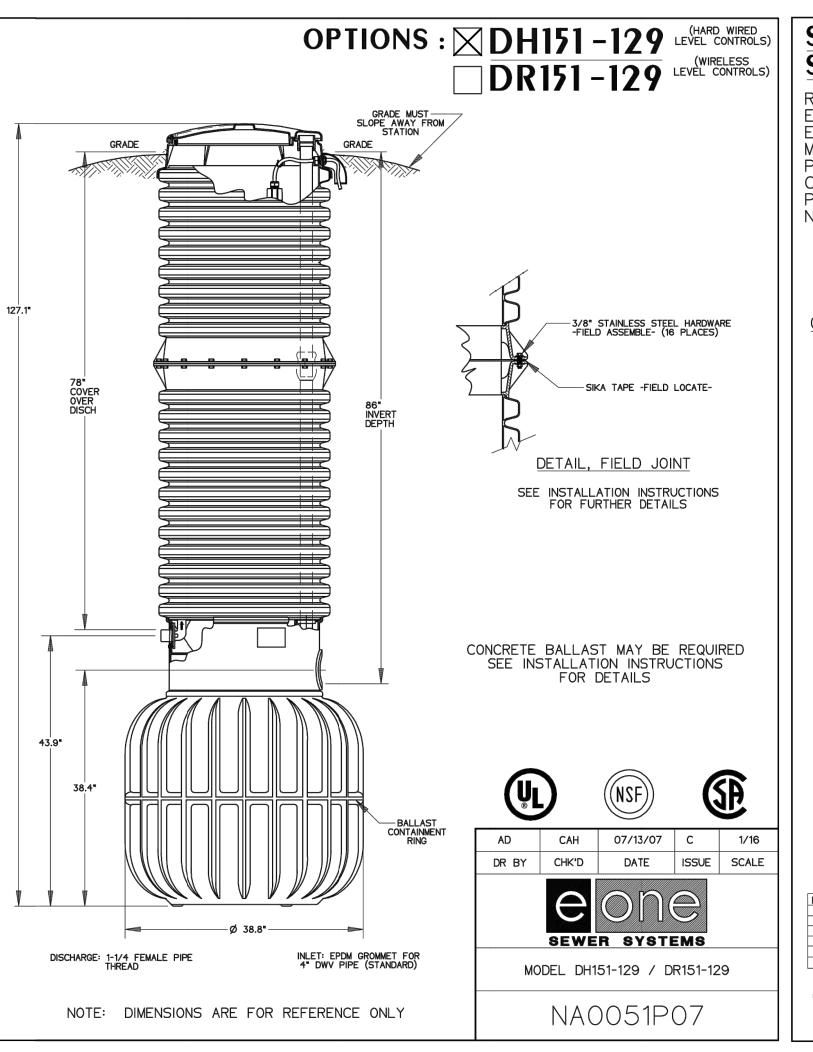
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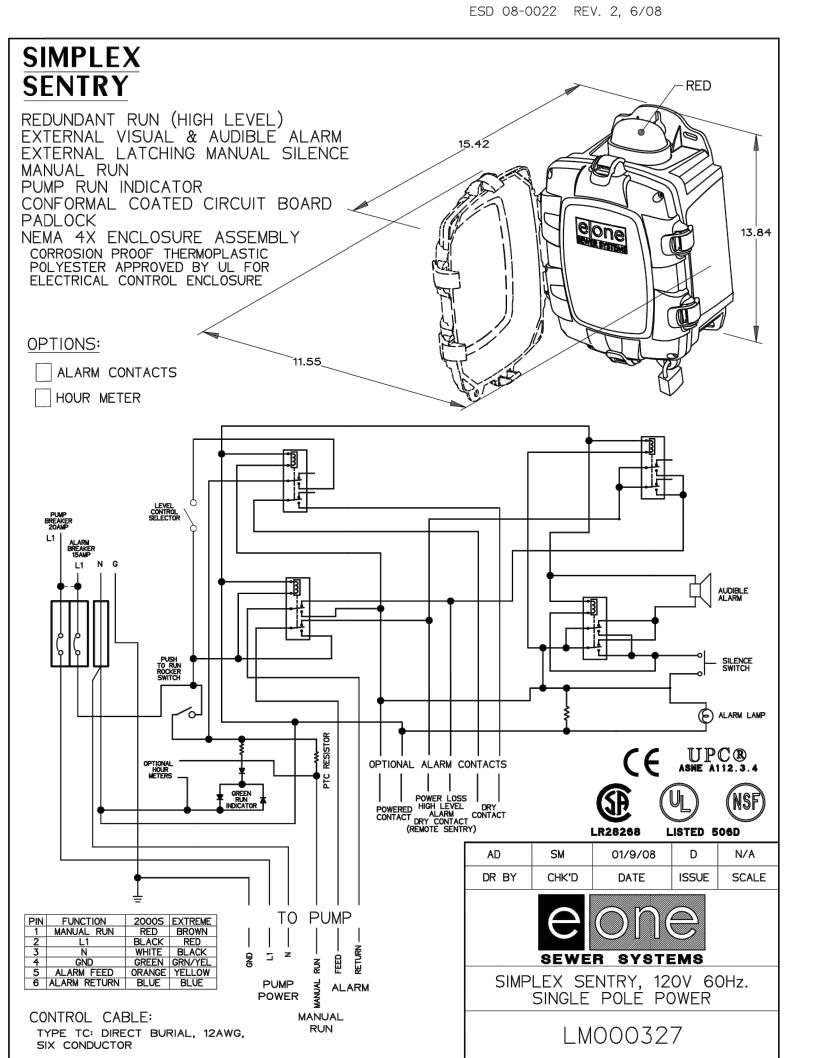


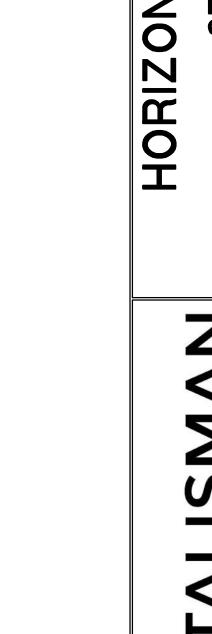












PLAN REVIEW ACCEPTANCE

MECHANICAL PLUMBING

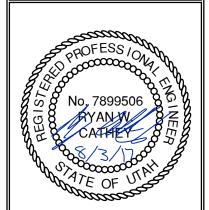
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SCALE VERTICAL: 1"= N/A HORIZONTAL: 1"= N/A JOB NUMBER SLB0793

Curb and gutter connection

1. GENERAL

A. Connect new curb and gutter to existing curb and gutter that has not been placed by

2. PRODUCTS

- A. Reinforcement: Galvanized or epoxy coated, 60 ksi yield grade steel, ASTM A 615.
- B. Adhesive: Epoxy adhesive grout, APWA Section 03 61 00.
- C. Bond Breaker: Paraffin wax, lithium grease, or other semi-solid, inert lubricant. D. Expansion Cap: Plastic, with bar movement allowance of 1/2-inch.

3. EXECUTION

- A. Ensure drill rigs (or jigs) are set at mid-depth of the gutter and horizontal to the
- surface. Make hole size large enough to account for dowel bar and adhesive. B. Clean holes and dowel bars of dirt, dust and particles. Ensure coating on bars have no surface defects.
- C. Place bonding agent in the back of each hole so adhesive flows out around each bar fully encasing it. DO NOT apply adhesive to end of the bar and then insert the bar into the hole.
- D. Insert dowels with at least one full turning motion and if necessary, place a grout
- retention disk on the dowel after insertion to contain adhesive. E. Apply complete coverage of bond-breaker on the protruding end of each dowel.
- F. Install expansion caps on protruding dowel bar ends.

35 1/2" Grate and frame

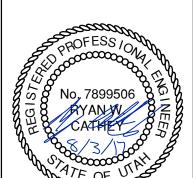
1. GENERAL A. The grate and frame fits concrete boxes in Plan 315.

2. PRODUCTS

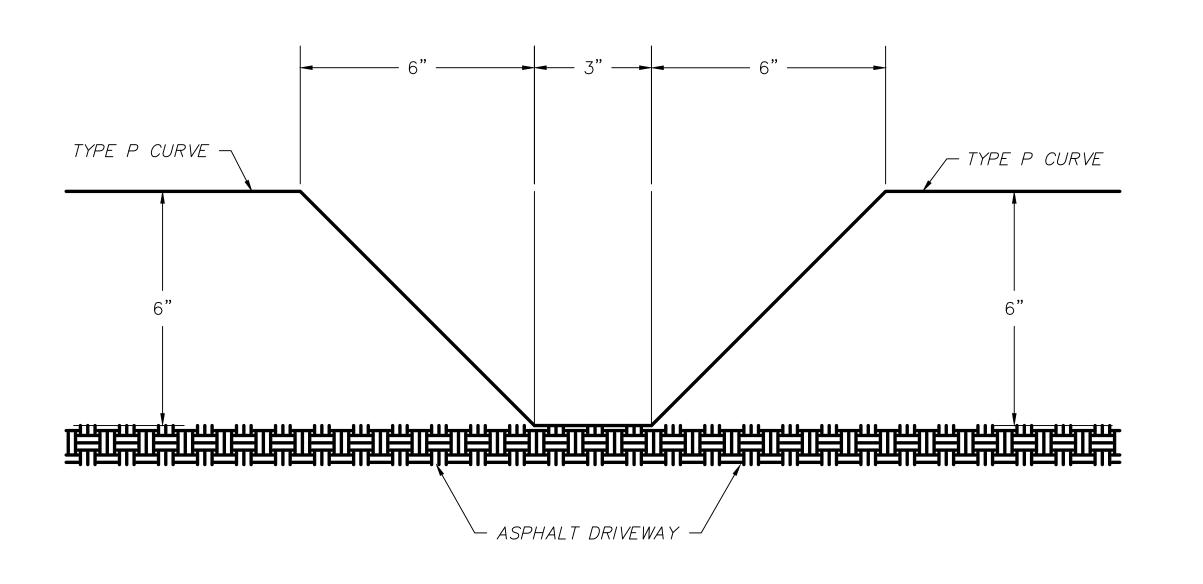
- A. Castings: Grey iron class 35 minimum per ASTM A 48, coated with asphalt based
- B. Bolts, Nuts, Washers, Accessories: Stainless steel, APWA Section 05 05 23.
- 3. **EXECUTION** (Not used)

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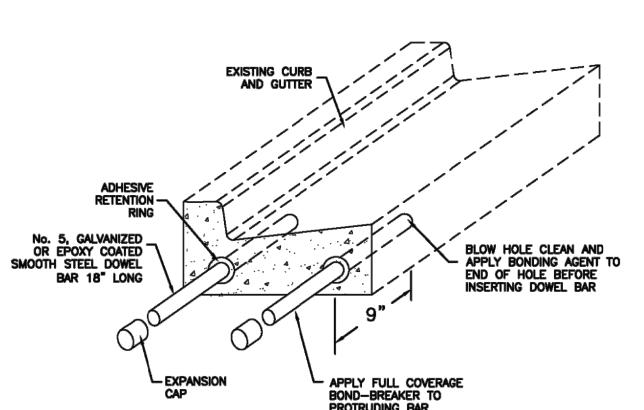
CAUTION



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B CURB CUT DETAIL



- APPLY FULL COVERAGE BOND—BREAKER TO PROTRUDING BAR

Curb and gutter connection

35 1/2" Grate and frame

PLAN

SECTION A-A

SECTION B-B

STAINLESS STEEL BOLTS, NUTS AND WASHERS

<u>PLAN</u>

12 EQUAL SPACES AT 2 13/16"-

SECTION C-C

SECTION D-D

■ BUILDING STRUCTURA
 ■ MECHANICAL PLUMBING

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ELECTRICAL

June 2009

2. PRODUCTS

- A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
- B. Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
- C. Concrete: Class 4000, APWA Section 03 30 04.
- D. Reinforcement: Deformed, 60 ksi yield grade steel, ASTM A 615.

3. EXECUTION

- A. Base Course Placement: APWA Section 32 11 23. Maximum lift thickness is 8inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
- B. Curb Face Opening: Make opening at least 4-inches high. Provide at least a 2-inch drop between the "warp line" in the gutter flow-line and the top of the grate at the curb face opening.
- C. Concrete Placement: APWA Section 03 30 10. Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
- D. Backfill: Place backfill against the basin wall. Pea gravel and recycled RAP aggregate is NOT ALLOWED. Water jetting is NOT allowed. Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a standard proctor density, APWA Section 31 23 26.

Pipe outfall

GENERAL

A. Round concrete pipe application.

B. Additional requirements are specified in APWA Section 33 05 02.

2. PRODUCTS

- A. Use the same quality of precast end section as the pipe. B. Use the joint material and connection that is the same as the joints in the pipeline.
- 3. EXECUTION
 - A. General dimensions and geometric shapes may vary from manufacturer to
 - B. Steel reinforcement is not required in the concrete end section shown.
 - C. Provide joint restraint connectors if required by ENGINEER.

Trench backfill

GENERAL

A. The drawing applies to backfilling the trench above the pipe zone.

A. Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 3-inches. B. Flowable Fill: Target is 60 psi in 28 days with 90 psi maximum in 28 days, APWA Section 31 05 15. It must flow easily requiring no vibration for consolidation.

3. EXECUTION

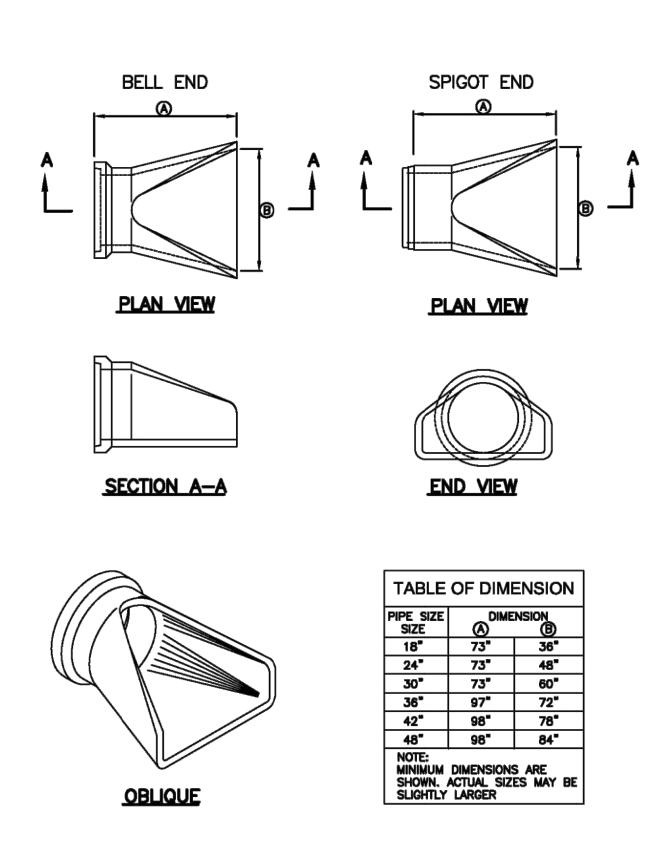
- A. Trench Backfill:
- 1) DO NOT USE sewer rock, pea gravel, or recycled RAP aggregate as trench
- 2) Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a standard proctor density, APWA Section 31 23
- 3) Water jetting is NOT allowed.
- 4) Submission of quality control compaction test result data developed for haunching areas may be requested by ENGINEER at any time. Provide results of tests immediately upon request.
- B. Flowable Fill: When required, place controlled low strength material in the trench, APWA Section 31 05 15. Cure the fill before placing surface restorations.
- C. Surface Restoration:
- 1) Landscaped Surface: Rake to match existing grade. Replace vegetation to match pre-construction conditions. Follow APWA Section 32 92 00 (turf or grass) or APWA Section 32 93 13 (ground cover) requirements.
- 2) Paved Surface: Do not install asphalt or concrete surfacing until trench compaction is acceptable to ENGINEER. Follow APWA Section 33 05 25 (asphalt surfacing), or APWA Section 33 05 25 (concrete surfacing).

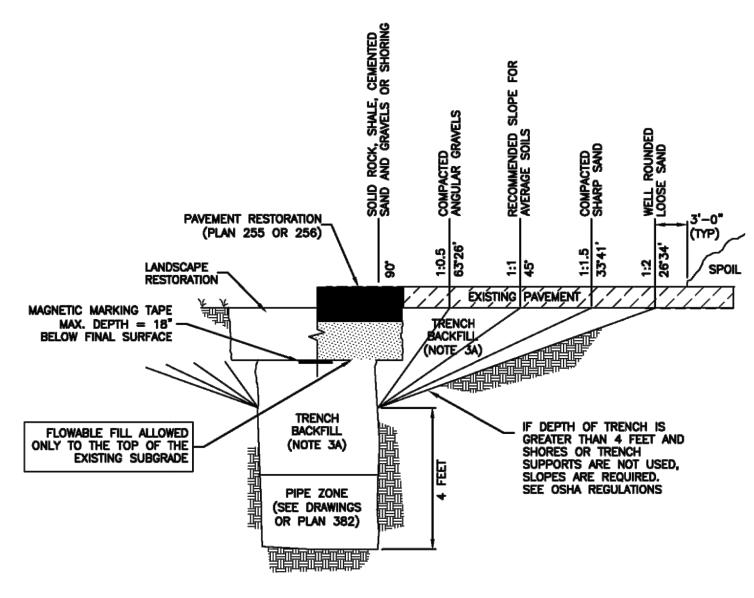
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ROUND WITH FLARE





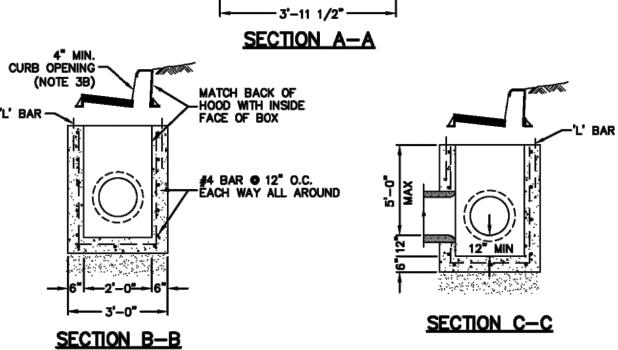
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SCALE VERTICAL: 1"= N/A HORIZONTAL: 1"= N/A JOB NUMBER

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SINGLE GRATE

<u>PLAN</u> "L" BAR DETAIL DO NOT USE 'L' BARS FOR FRAME SUPPORT - BAÇKFILL विकास का का का का जा है। जाने



Catch basin 155

315 Sheet 1 of 2

Pipe outfall

323 Sheet 1 of 3

Trench backfill 203

381

SUBMITTED:

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A. Install the pipe in the center of the trench or no closer than 6-inches from the wall of the pipe to the wall of the trench.

2. PRODUCTS

- A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
- B. Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
- C. Concrete: APWA Section 03 30 04. D. Flowable Fill: Target is 60 psi in 28 days with 90 psi maximum in 28 days, APWA
- Section 31 05 15. It must flow easily requiring no vibration for consolidation. E. Stabilization-Separation Geotextile: Moderate or high at CONTRACTOR's choice,

3. EXECUTION

- A. Excavate the Pipe Zone: Width is measured at the pipe spring line and includes any necessary sheathing. Provide width recommended by pipe manufacturer. Follow manufacturer's recommendations when using trench boxes.
- B. Foundation Stabilization: Get ENGINEER's permission before installing common fill. Vibrate to stabilize. Installation of stabilization-separation geotextile will be required to separate backfill material and native subgrade materials if common fill cannot provide a working surface or prevent soils migration.
- C. Base Course:

APWA Section 31 05 19.

- 1) Furnish untreated base course material unless specified otherwise by pipe
- 2) Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23
- 3) When using concrete, provide at least Class 2,000 per APWA Section 03 30 04. D. Pipe Zone: DO NOT USE sewer rock, pea gravel, or recycled RAP aggregate in the pipe zone. Water jetting is NOT allowed.
- 1) Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26 unless pipe manufacturer requires more stringent installation.
- 2) Submission of quality control compaction test result data developed for the haunch zone may be requested by ENGINEER at any time. CONTRACTOR is to provide results of tests immediately upon request.
- E. Flowable Fill (when required and if allowed by pipe manufacturer):
- 1) Place the controlled low strength material, APWA Section 31 05 15. 2) Prevent pipe flotation by installing in lifts and providing pipe restraints as required by pipe manufacturer.
- 3) Reset pipe to line and grade if pipe "floats" out of position.

4" washout valve

1. GENERAL

Before backfilling, secure inspection of installation by ENGINEER. B. Water mains 12-inches and larger will require a special washout assembly design.

2. PRODUCTS

- A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
- B. Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches. C. Concrete: Class 4000, APWA Section 03 30 04.

3. EXECUTION

- A. Pour concrete against undisturbed soil.
- B. Apply tape wrap to the exterior of all galvanized pipe per AWWA C209.
- C. Place plastic sheet at least 6 mils thick over drain gravel to prevent silting. D. After installation of washout valve assembly, verify the washout valve riser drains to
- E. Backfill and Base Course Placement: Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater of a modified proctor density, APWA Section 31 23 26.

Air release assembly

GENERAL

- A. This drawing detail is applicable to water main piping less than 16-inches diameter. B. PCCP, steel, MLAC and other water main pipe materials will require special detail or
- design drawings. Submit the design and detail drawings and materials to the ENGINEER for review before installation.
- C. Installation in areas of high ground water or potential for water entering the vent pipe will require a special design to be provided by the ENGINEER.
- D. Before backfilling around the assembly, secure inspection of installation by ENGINEER.

2. PRODUCTS

- A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
- B. Drain Gravel: Sewer rock, ASTM size no. 3 (2" to 1") or equal, APWA Section 31 05
- C. Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
- D. Concrete: Class 4000, APWA Section 03 30 04. E. Manhole: Riser, ASTM C 478.
- F. Reinforcement: Deformed, steel, ASTM A 615. Give bars an epoxy coating at least 15 mils thick. Minimum stress yield strength of steel tie-down bars is 70,000 ksi.
- G. Small Fittings: Brass. Do not use galvanized materials.
- H. PVC Pipe and Fittings: Schedule 40, APWA Section 33 05 07.
- I. Water Tight Wall Seal: Waterproof, compressible.

3. EXECUTION

ROADWAY SURFACE

- A. Base Course and Backfill Placement: Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
- B. Apply tape wrap to the exterior of all buried steel pipe per AWWA C209.
- C. Concrete Placement: APWA Section 03 30 10. Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
- D. Service saddle is required on all PVC and AC pipe taps unless specified otherwise. Ductile iron and cast iron pipe may be direct tapped.
- E. Seal manhole joints water-tight and ground flush with interior wall.
- F. Follow applicable AVWVA and NSF standards when connecting piping.
- G. If diameter of air relief valve is greater than 2-inches, provide piping to match its diameter from water main connection to open to air.

278

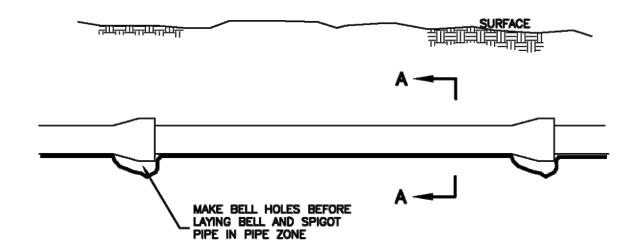
IF COVER COLLARS ARE REQUIRED, SEE PLAN 574

* DISH OUT CONCRETE AS NECESSARY. DO NOT ENCASE VALVE DOME OR OPERATING-NUT IN THE CONCRETE

PLUG OR CAP AS -NECESSARY WITH

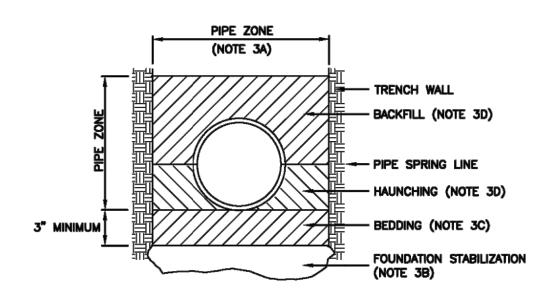
4" THREADED TAP

270



204

ELEVATION VIEW



SECTION A-A

INSTALLATION

CONCRETE PIPE: FOLLOW ASTM C 1479

PVC AND HDPE PIPE: FOLLOW ASTM D 2321 standard practice for underground installation of thermoplastic PIPE for seners and other gravity—flow

CORRUGATED METAL PIPE: FOLLOW ASTM A 798 VITRIFIED CLAY PIPE: FOLLOW ASTM C 12. RD RECOMMENDED PRACTICE FOR INSTALLING VITRIFIED CLAY PIPE LINES.

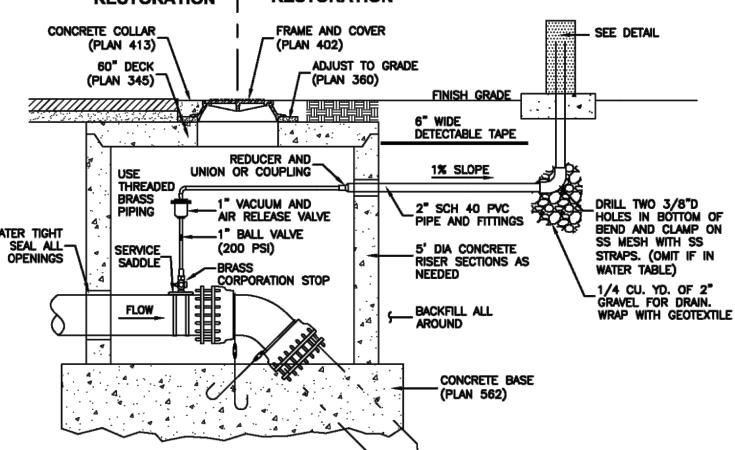
4" Washout valve

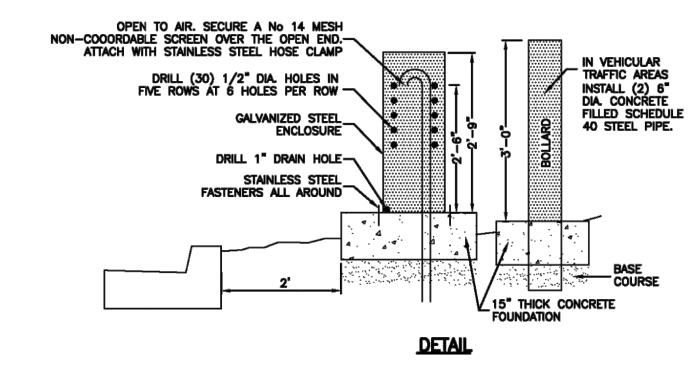
' GALVANIZED IRON PIPE

WITH 3" SCREW ON CAP

LANDSCAPED SURFACE RESTORATION

<u>CROSS-SECTION</u>





MECHANICAL X PLUMBING ELECTRICAL ACCESSIBILITY FIRE MEM ST COAST CODE CONSULTANTS, II

PLAN REVIEW ACCEPTANCE



SCALE VERTICAL: 1"=N/AHORIZONTAL: 1"= N/A JOB NUMBER

SLB0793

NOITUAC

SUBMITTED:

MOUNT,

NEIGHBORH

January 2011

Pipe zone backfill

February 2011

_4" GALVANIZED IRON PIPE WITH

4" THREADED

LEGEND

DESCRIPTION

2 PIECE CAST IRON

2" x 2" OPERATING NUT

ITEM

C | CONCRETE THRUST BLOCK | PLAN 561

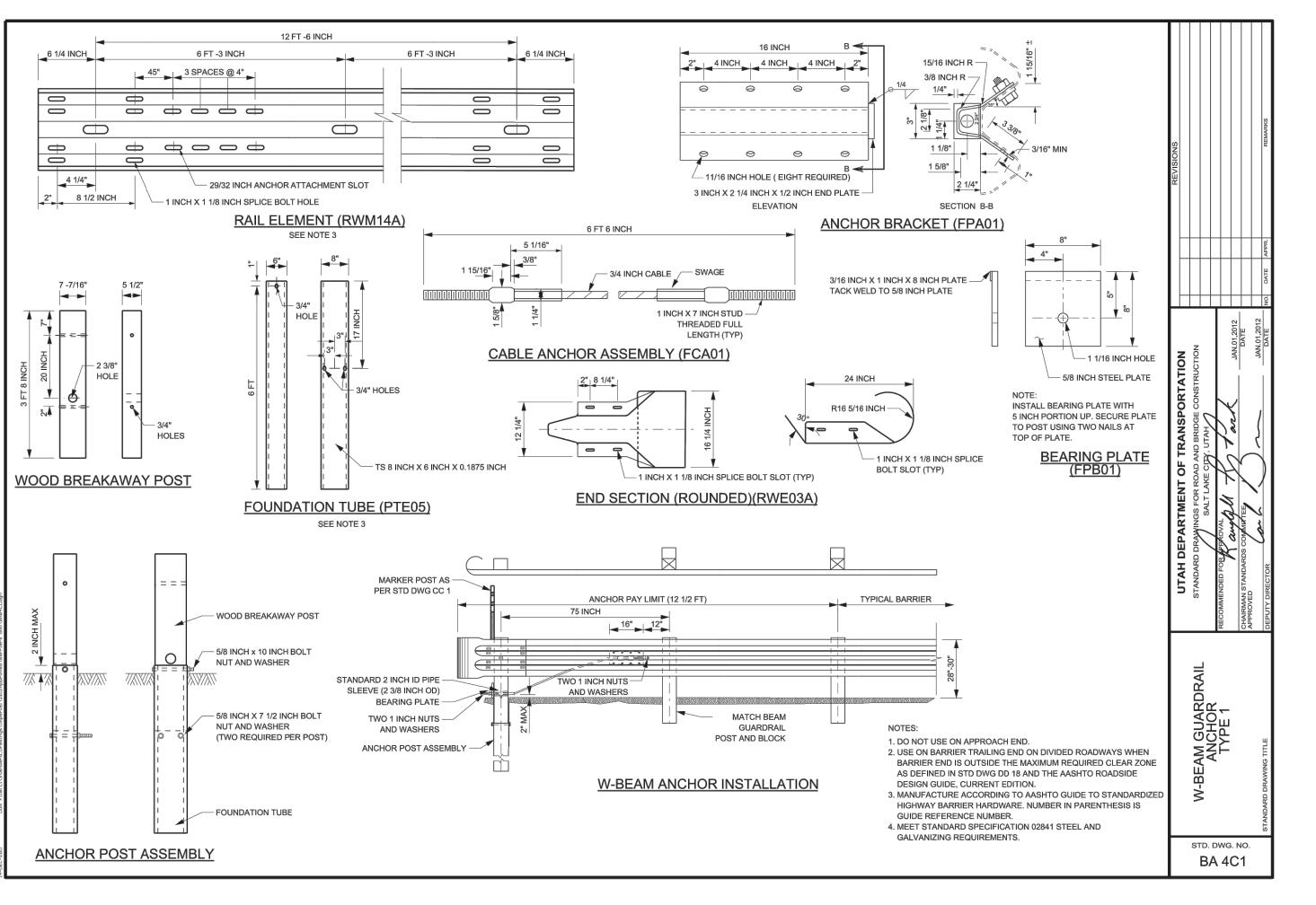
(A) VALVE BOX WITH LID

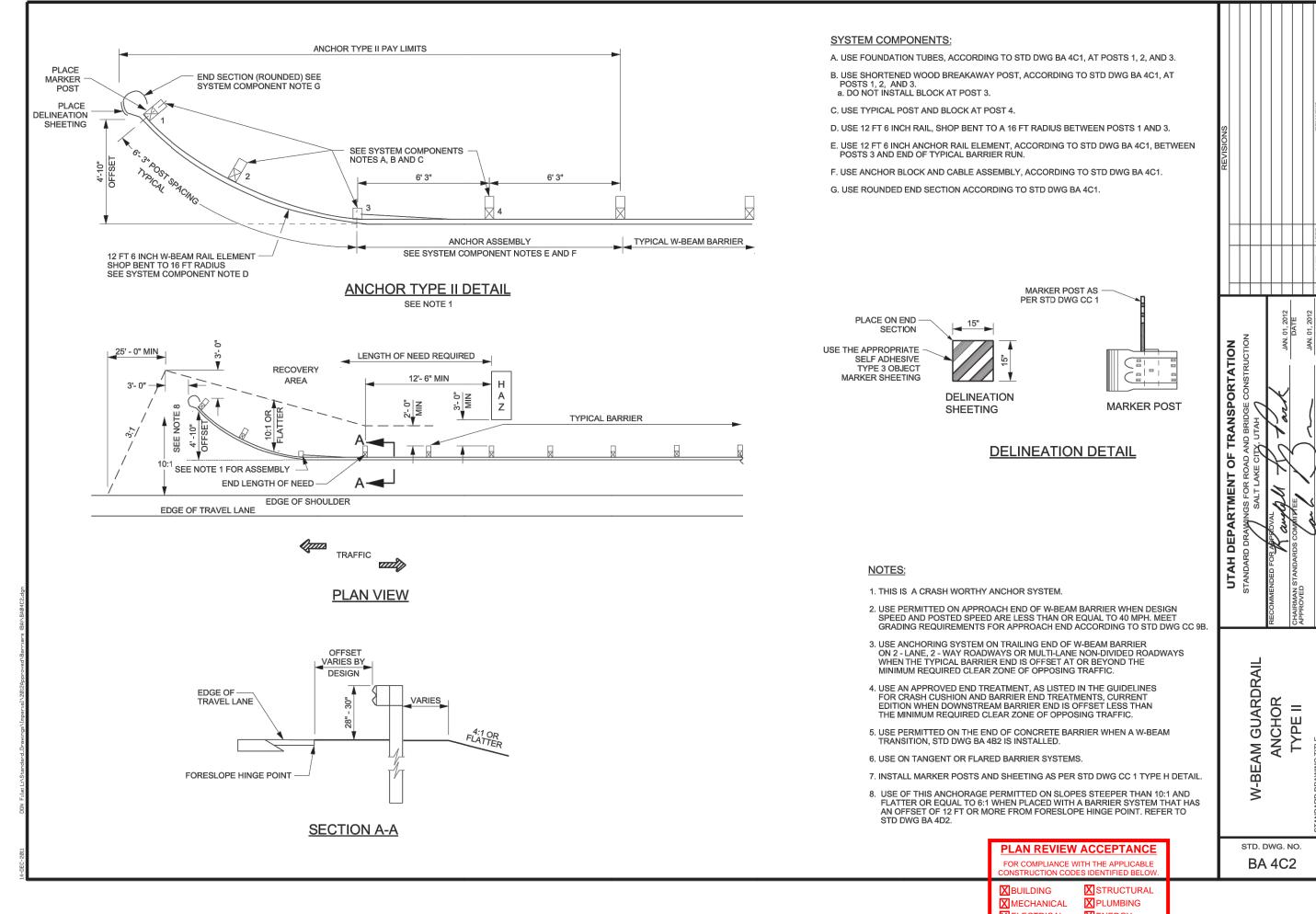
B 4" GATE VALVE WITH SCREW ENDS

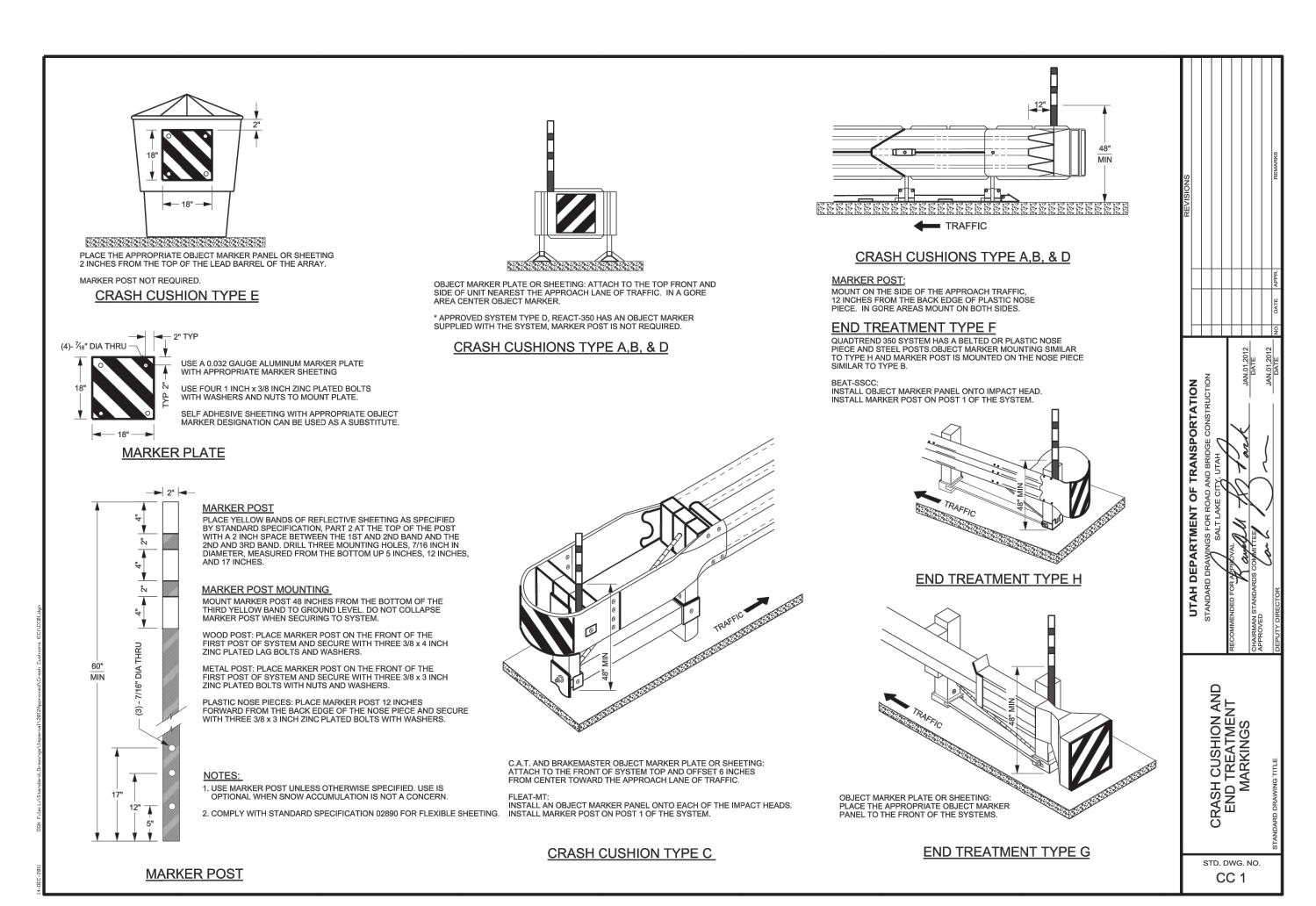
February 2011

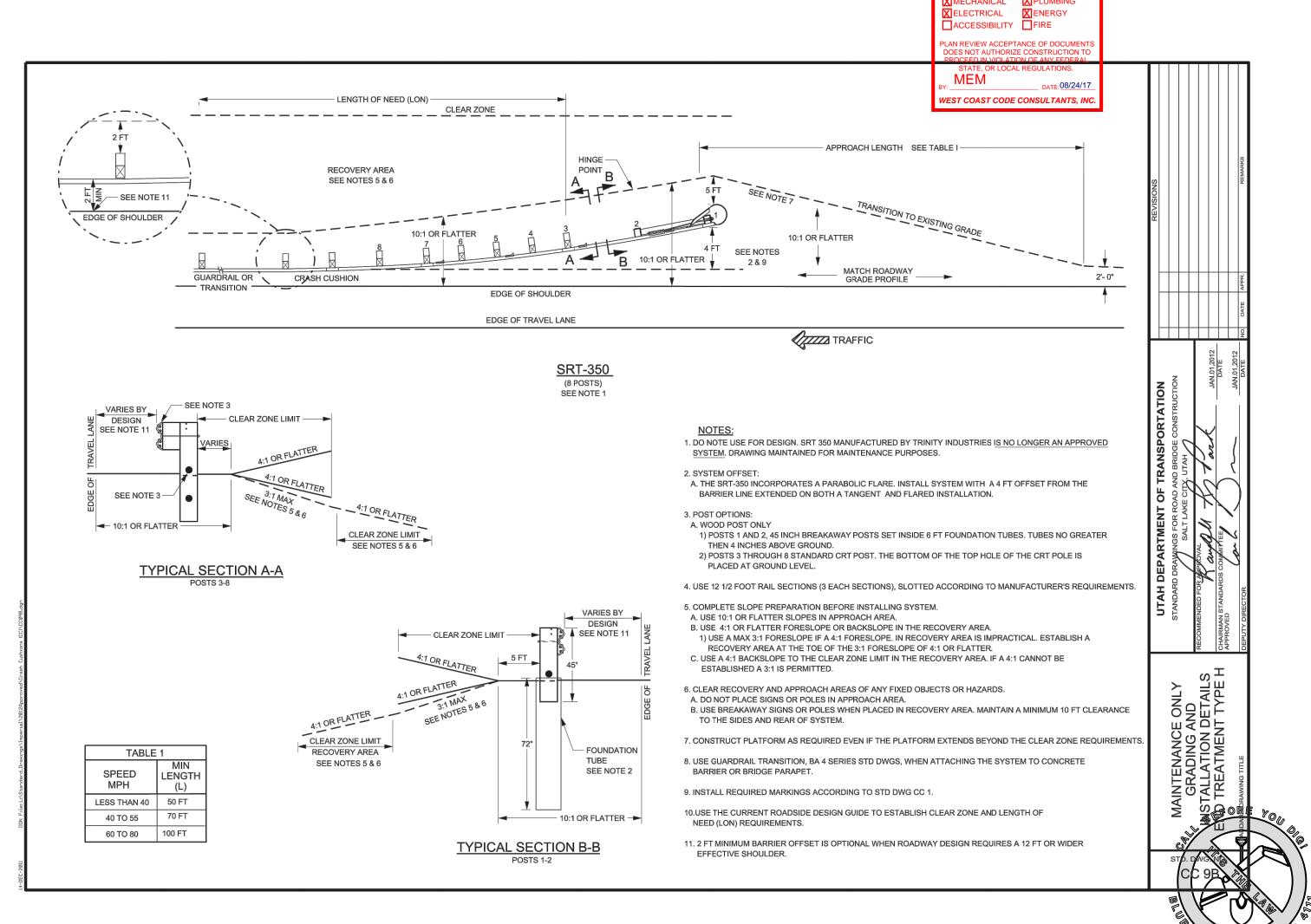
Air release assembly 279

575







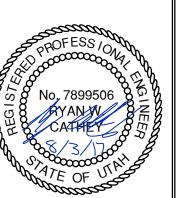


HORIZON NEIGHBORHOOD PRUD

NOITUAC

TALISMAN

5217 SOUTH STATE STREET, 801.743.1300 TEL 801.743.030



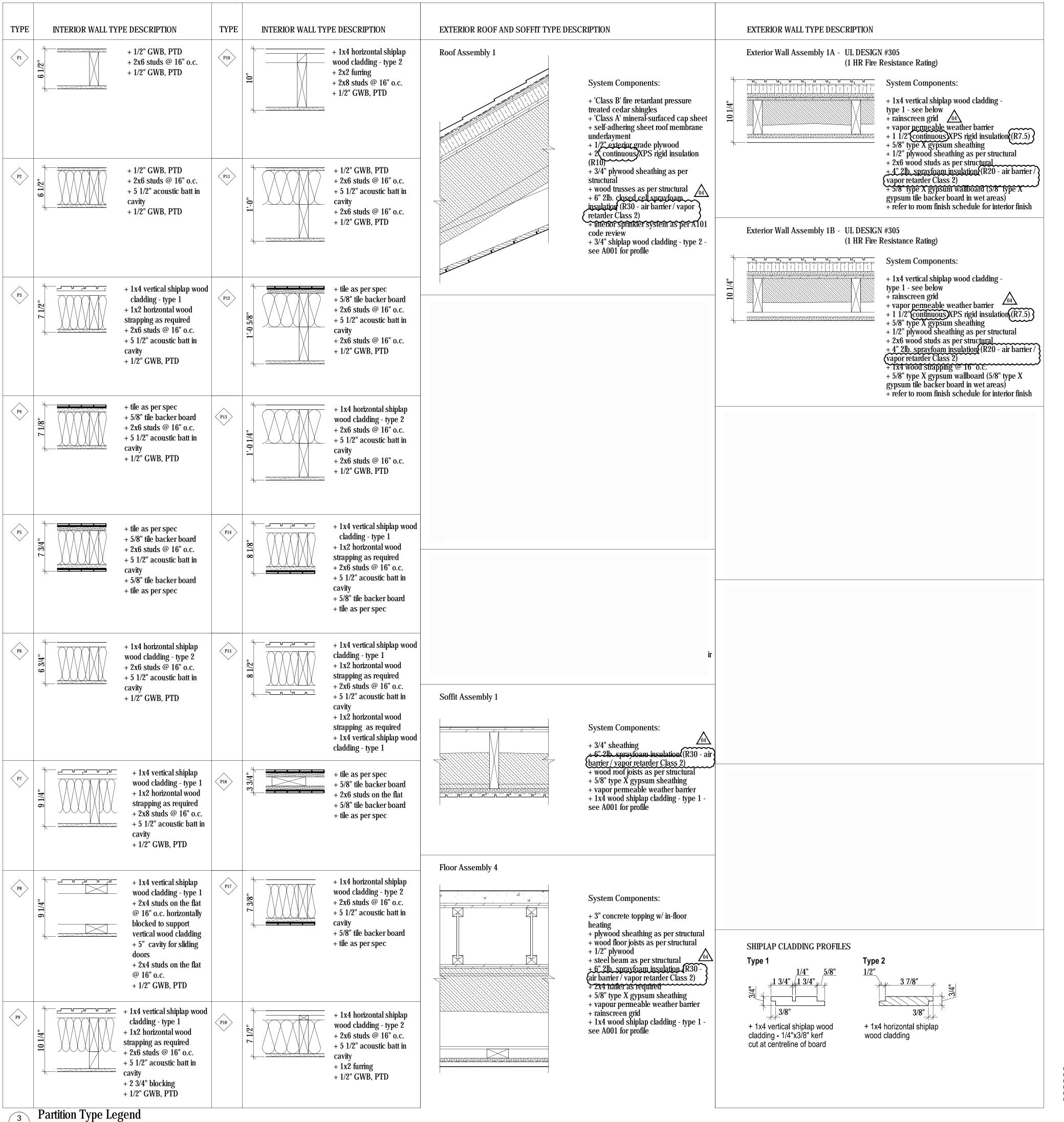
SHEET NUMBER
6.07

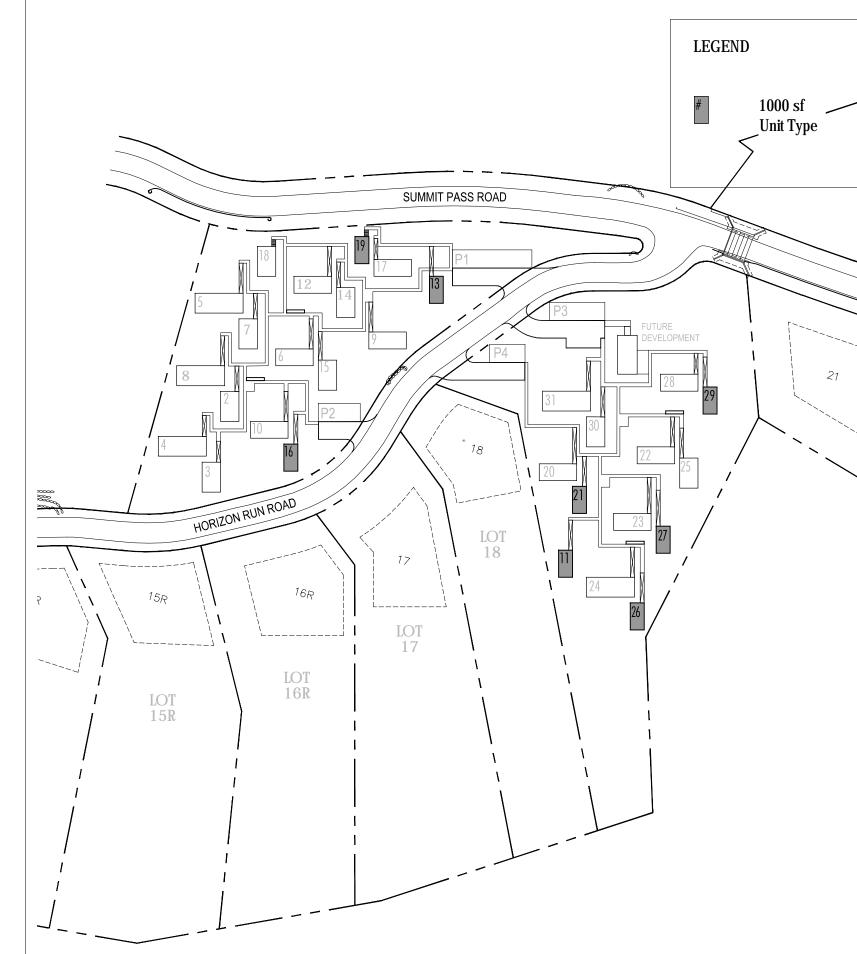
SCALE

VERTICAL: 1"= N/A

HORIZONTAL: 1"= N/A

JOB NUMBER SLB0793





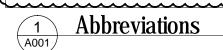
Key Plan Scale 1/128" = 1'

Scale 1/128" = 1'-0" AREA DRAIN ADJ **ADJACENT** ABOVE FINISHED FLOOR **ALUM ALUMINUM** ANOD ANODIZED **BASEMENT BYOND BEYOND** BOT **BOTTOM** B/W **BETWEEN** CHNL CHANNEL CJ**CONTROL JOINT** CLG CEILING CLR **CLEAR CMU** CONCRETE MASONRY UNIT CENTERLINE OF WOOD FRAMING COF COL COLUMN CONC CONCRETE CONT CONTINUOUS CPT CARPET CT **CERAMIC TILE** DBL **DOUBLE** DIA DIAMETER DIMS **DIMENSIONS** DN **DOWN** DR DOOR DWG **DRAWING** EA **EACH** EL **ELEVATION** ELEC ELECTRICAL **ELEV** ELEVATOR / ELEVATION EQ **EQUAL** FACE OF WOOD FRAMING **FOF** FDN **FOUNDATION** GA **GAUGE GALV GALVANIZED GWB** GYPSUM WALL BOARD HC PLAN REVIEW ACCEPTANCE **HOLLOW CORE** FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOV HIGH **HOLLOW METAL** MECHANICAL PLUMBING HP HIGH POINT ELECTRICAL HVAC HEATING, VENTILATING, ACCESSIBILITY FIRE AND AIR CONDITIONING PLAN REVIEW ACCEPTANCE OF DOCUMEN' DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL STATE, OR LOCAL REGULATIONS. ILO IN LIEU OF INSUL **INSULATED** MEM DATE: 08/24/17 INT **INTERIOR** EST COAST CODE CONSULTANTS, INC LO LOW

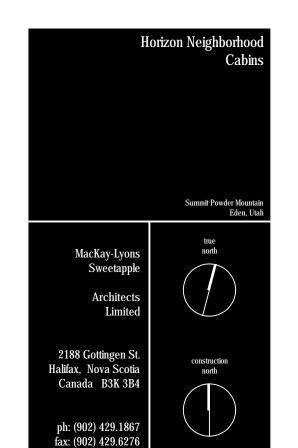
NOTES:

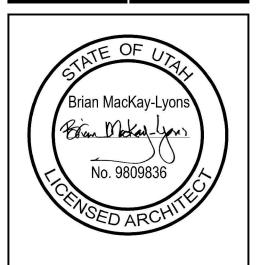
1. See A102 for Room Finish Schedule
2. A permanent certificate shall be completed and located in an approved location that lists the predominant R-values of the insulation installed in the ceiling/roof, walls, foundation and ducts outside conditioned spaces and U-factors for fenestration.

3. Building thermal envelope to be sealed with 6mil Poly Air Barrier where continuity of 2lb. closed cell sprayfoam is interrupted to ensure ?



continuity of air barrier.





Issued for Const. Rev. 2	15.08.2017
Issued for Const. Rev. 1	21.07.2017
Issued for Construction	17.03.2017
Issued for FDN Permit	28.10.2016
Description	Date
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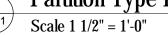
SHOP DRAWINGS: Submit shop drawings to the Architect and Engineer for approval prior to manufacture of prefabricated elements of the building.

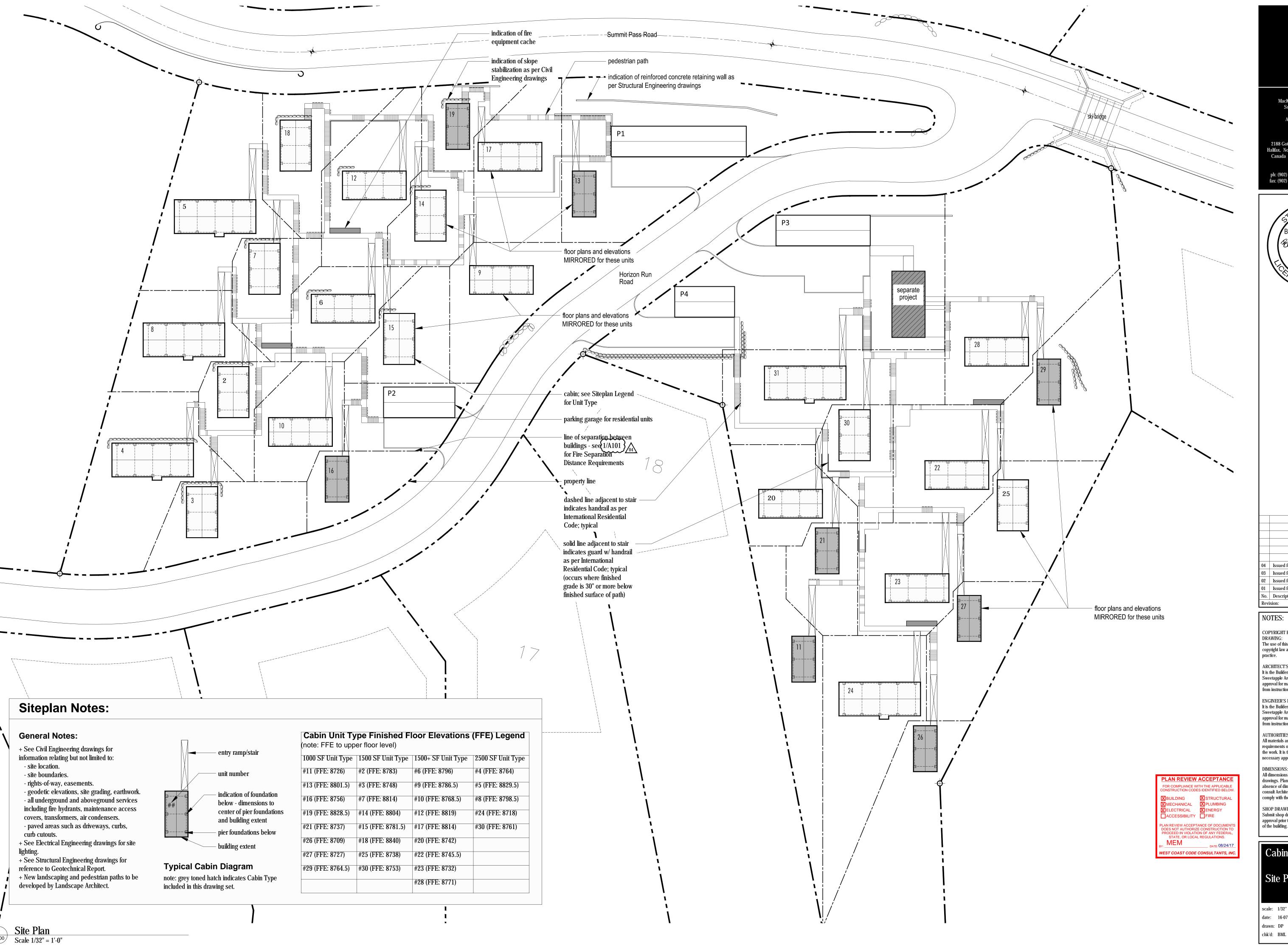


scale: varies
date: 16-07-18
drawn: MJ/JL

chk'd: BML

A001





Architects Halifax, Nova Scotia

Canada B3K 3B4 ph: (902) 429.1867 fax: (902) 429.6276



04	Issued for Const. Rev. 2 Issued for Const. Rev. 1	15.08.
-	Issued for Const. Rev. 1	91.07
00		21.07.
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01	Issued for FDN Permit	28.10.
No.	Description	Date

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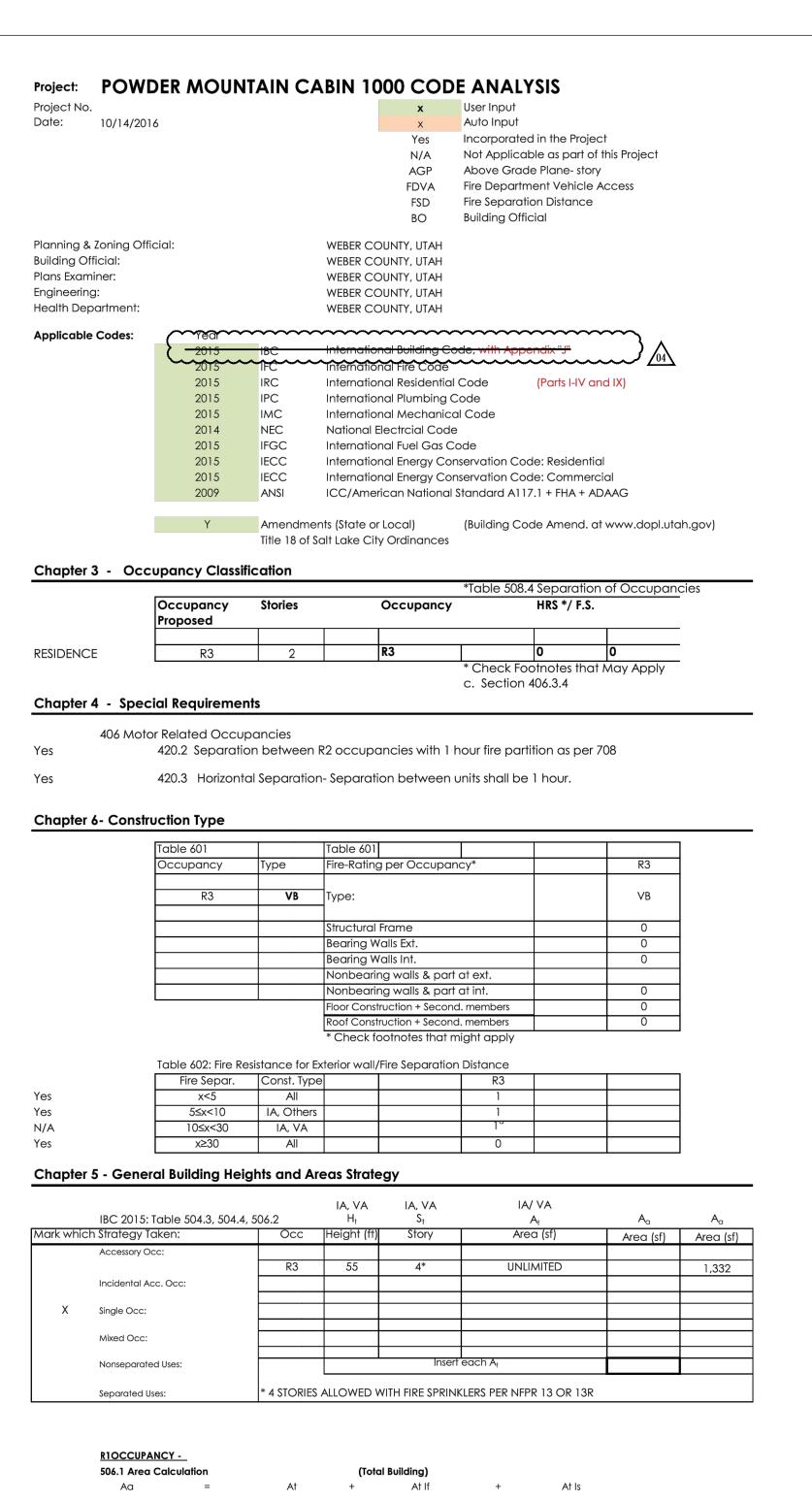
SHOP DRAWINGS:

Submit shop drawings to the Architect and Engineer for approval prior to manufacture of prefabricated elements of the building.

Cabin 1000

Site Plan

scale: 1/32" = 1'-0"



Separated Uses:		4 OTORILO AL	LOWED	VIIII IIICE SI KII	NKLERS PER NFPR	TO OK TOK		
R1OCCUPANC	<u>Y - </u>							
506.1 Area Cal	culation		(Tota	ıl Building)				
Aa	=	At	+	At If	+	At Is		
		Aa	=	Allowable Area	per Floor			
		At	=	Tabular Area pe	er Table 503 (squa	re feet)		
		If			due to frontage			
		Is	=	Area increase o	due to sprinkler pro	tection		
At	=	UNLIMITED	Table 503:	Type V-B, Grou	up R3 NFPA 13R			
If	=	0.00	Sec. 506.2	See calculatio	n below			
Is	=	0 S	ec. 506.3	Fully Sprinkled:	200% for Multi-Stor	y Building / 300	% for Single Story	
Aa	=	UNLIMITED	+	0	0.0000	+	0	0
Aa	=	UNLIMITED	+	0	+	0		
Aa	=	UNLIMITED	sf	ALLOWABLE A	REA PER FLOOR			
	×	2 N	Aultiply by	number of storie	es - 506.4 (Max. 300	0% increase)		
		UNLIMITED	sf	ALLOWABLE A	REA OF BUILDING			
ACTUAL AREA	< ALLOWABLE	AREA PER FLOOR						
656		UNLIMITED		OK, ALLOWABL	.			
000								
ACTUAL AREA	< ALLOWABLE	AREA PER BUILDING						
1,332		UNLIMITED		OK, ALLOWABL	E			
506.2 Frontage	Increase							
If	=	F	0.25	W				
		Р		30				
If	=	Area Increase		-				
F	=	Building perime	eter which t	fronts on a publ	ic way or open spo	ace having 20	feet minimum (fee	et)
Р	=	Perimeter of er	ntire buildin	g				
W	=	Width of public	way or op	en space (feet) in accordance w	ith 506.2.1		

-0.25

0.585365854 + -0.25 0.666666667

0.00 NO AREA INCREASE TAKEN FOR SIDE YARDS

(30 FT IS THE LARGEST NUMBER THAT CAN BE USED)

= 0.335365854 0.666666667

	Primary structural frame individually protected.
No	704.3 Protection of the Primary Structural Frame other than columns:
	Requires individual protection when carry more than two floors or one floor and one roof.
No	704.10 Exterior Structural Members:
	Requires individual protection when carry more than two floors or one floor and one roof.
	705 Exterior Walls:
No	705.2 Projections: Shall not extend closer to FSD than Table 705.2.
Yes	705.2.2 Type V-B of any approved material

718.4.3: Exception- Not required if building equipped throughout with

718 Concealed Spaces: 718.2 Fireblocking: Required throughout.

> 718.3 Draftstopping in floors: 718.3.3: Exception- Not required if building equipped throughout with an NFPA 13 automatic sprinkler system

718.4 Draftstopping in attics:

an NFPA 13 automatic sprinkler system

Chapter 8 - Finishes

N/A

N/A

Table 803.	9 Interior Wall and C	Ceiling Finish	Requirements by Occupa	ncy: sprinklered
Group	Exiting Elements	Corridors	Rooms & enclosed Spaces	
-		· · · · · ·		

Chapter	9 -	Fire	Protection	Systems	

Chapter 9 - Fire Protection Systems

903.2 Automatic Sprinkler Systems Where Required:

R3 Required.

903.3.1.2 NFPA 13R sprinkler systems: Group R when ≤ 4 stories in height,

903.3.1 FS Standards: Install FS as per 903.3.1.1, 903.3.1.2 or 903.3.1.3:

903.3.1.2.1 Balconies and decks: Provide FS when bldg is of Type V const.

903.3.2 Quick-response and residential sprinklers: Install FS as per 903.3.1 in Group R dwelling units.

906.1 Portable Fire Extinguishers where required:

R3

Required per Dwelling Unit- 1-A:10-B:C

Class A, Ordinary Hazard: Max flr area/unit of A: 1,500 sf max tir area/extinguisner: 11,250 st Max travel distance: 75 ft.

907.2 Fire Alarm and Detection Systems- Where required: Installed as per IBC and NFPA 72

907.2.8: Not required, but exception 2 must be met R3

Chapter 10 - Means of Egress

Table 1004.1 - Occupant Load: See 'G' Sheets for floor plans showing occupant loads per space.

1005 Egress Width: 0.3 x OL for stairs and 0.2 x OL for other egress components- See 'G' Sheets for floor plans showing stairs and egress components and width required and provided.

1007 Accessible means of Egress

Table 1017.2 - Exit access travel distance R3 = 200' (NFPA 13R)

= 400' (NFPA 13)

1016.1 - Unenclosed Stairs: exception #3- travel distance shall be measured from the most remote point in the building to an exit discharge.

1022 Interior exit stairways and ramps: 1- 1022.2: 1-Hr fire barrier when ≤ 4 stories.

2- Construct as per 1022.2 - 1020.10.

(Chp. 11) Accessibility

1103 Scope: Detached One and Two Family dwellings are exempt from Chapter 11

1107.7 General Exceptions

1107.2.2 Multi-story units without elevator service are not required to have Type B, and are exempt.

(Chp 12) Interior Environment

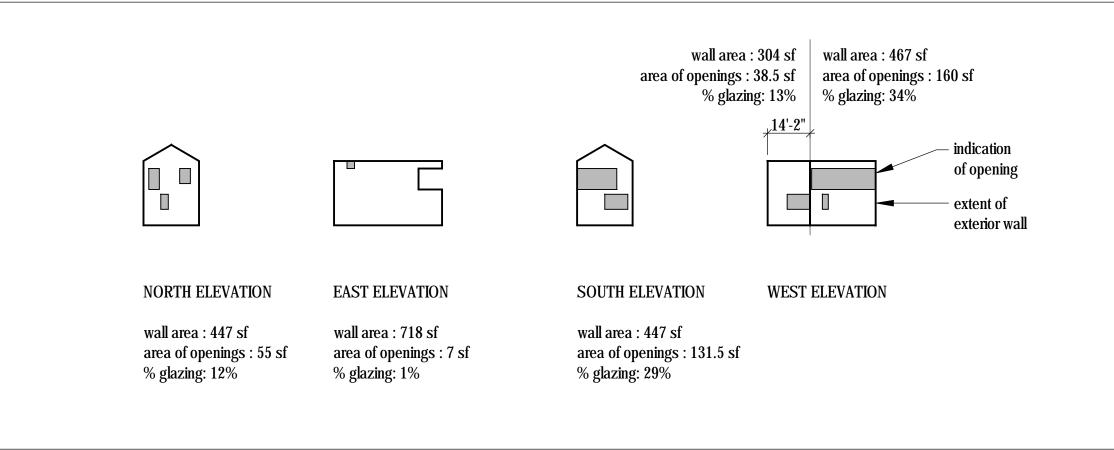
1207 Sound Transmission:

1207.3 Structure-borne Sound: Dwelling unit must be separated with a floor/celing assemblies that have an STC rating \geq 50 (45 if field tested).

1207.2 Air-borne Sound: Dwelling unit must be separated with walls, partitions and floor/celing assemblies that have an IIC rating \geq 50 (45 if field tested).

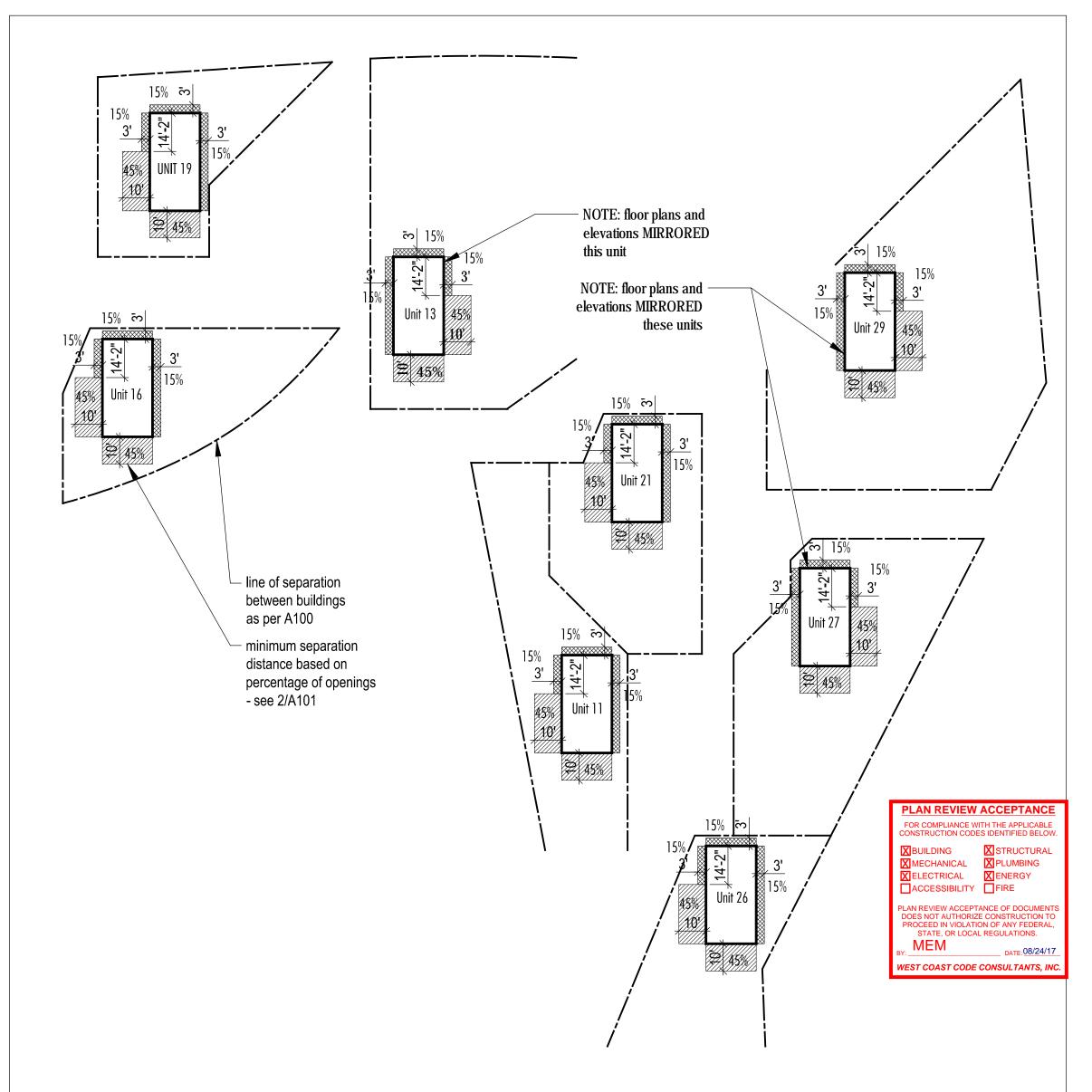
northwest corner northeast corner southwest corner building upper level floor height to building average building height southeast corner natural natural grade natural grade natural grade number elevation (less than 35') grade elevation elevation elevation elevation 8818.00 8790.06 8788.62 8778.31 8778.24 8803.00 33.85 16 8743.17 8743.2 8735.14 8734.32 8756.00 8771.00 32.24 8799.67 8818.32 8815.99 8798.73 8828.50 8843.50 34.975 8705.65 8712.48 8712.33 8705.14 8726.00 8741.00 32.19 21 8723.93 8723.54 8719.22 8719.09 8737.00 8752.00 30.49 8695.63 8695.19 8686.84 8685.93 8709.00 8724.00 33.22 8712.23 8707.62 8727.00 8742.00 31.665 8713.05 8708.14 8750.44 8738.54 8764.50 8779.50 29 8751.05 8739.22 34.705

Height Restriction Chart 3 Height Restrict Scale 1/32" = 1'-0"



Percentage of Openings Elevation Diagrams

Scale 1/32" = 1'-0"



Cabin 1000 Code Review

MacKay-Lyons

2188 Gottingen St.

Halifax, Nova Scotia

Canada B3K 3B4

ph: (902) 429.1867

fax: (902) 429.6276

Brian MacKay-Lyoi

Boun Dokay-you

No. 9809836

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Issued for FDN Permit 28.10.2016

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approval for materials and workmanship which deviates

ENGINEER'S REQUIREMENTS AND APPROVALS:

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drawings. Plans take precedent over elevations. In the

Submit shop drawings to the Architect and Engineer for

approval prior to manufacture of prefabricated elements

absence of dimensions, or if discrepancies exist, consult Architect. All minimum dimensions are to comply with the International Residential Code.

from instructions provided by the Architect.

from instructions provided by the Engineer.

It is the Builder's responsibility to notify MacKay-Lyons Sweetapple Architects Ltd. and to seek prior written

Date

Issued for Const. Rev. 1

Description

NOTES:

DIMENSIONS:

SHOP DRAWINGS:

of the building.

Architects

Limited

Separation Distance Plan Diagrams

Scale 1/32" = 1'-0"

drawn: DP chk'd: BML

Horizon Neighborhood Cabins Cabin 1000

INTERIOR FINISH SCHEDULE - WARM

		Base	North	Wall	East	Wall	South	Wall	West	Wall	F	oors	c	eiling	Remarks
	Material	Finish	Material	Finish	Material	Finish	South	Finish	Material	Finish	Material	Finish	Material	Finish	
LOWER LEVEL															
Hall	WD	PTW2	n/a	n/a	GWB	PTW1	n/a	n/a	GWB	PTW1	WD3	prefinished	WD1	untreated	
Stair	WD1	untreated	WD1	untreated	WD1	untreated	n/a	n/a	WD1	untreated	WD3	prefinished	WD1	untreated	
Bedroom 1	WD	PTW2	GWB	PTW1	GWB	PTW1	GWB	PTW1	GWB	PTW1	WD3	prefinished	WD1	untreated	
Bathroom 1	WD1	sealant	GWB-W/WD1	ST2/sealant	WD1	sealant	GWB-W/WD1	ST1/sealant	GWB-W	ST2	CT2	-	WD1	sealant	See notes 2+3
Bathroom 2	WD1	sealant	GWB-W/WD1	ST2/sealant	WD1	sealant	GWB-W/WD1	ST2/sealant	GWB-W	ST2	CT2	-	WD1	sealant	See notes 2+3
Bedroom 2	WD	PTW2	GWB	PTW1	GWB	PTW1	GWB	PTW1	GWB	PTW1	WD3	prefinished	WD1	untreated	
closets+mechanical	WD	PTW2	GWB	PTW1	GWB	PTW1	GWB	PTW1	GWB	PTW1	WD3	prefinished	GWB	PTC-3	
UPPER LEVEL															
Living	WD1	untreated	n/a	n/a	WD1	untreated	glazing/WD1	n/a/untreat.	glazing	n/a	WD3	prefinished	WD1	untreated	ST wall/floor - woodstove area
Dining	WD1	untreated	WD2	treated	WD1	untreated	glazing	n/a	glazing	n/a	WD3	prefinished	WD1	untreated	See note 2.
Entry	WD1/2	untr./treat/	WD1	untreated	WD1	untreated	n/a	n/a	WD2	treated	ST1	-	WD1	untreated	See note 2.
Mudroom	WD1	sealant	WD1	untreated	WD1	untreated	WD1	untreated	WD1	untreated	ST1	-	WD1	untreated	See notes 2+3
Powder Rm	WD1	sealant	WD1	sealant	WD1	sealant	WD1	sealant	WD1	sealant	ST1	-	WD1	untreated	See notes 2+3
Kitchen	WD1	sealant	WD1/GWB-W	sealant/ST2	WD1	sealant	WD1	sealant	WD1	sealant	ST1	-	WD1	untreated	ST2 backsplash above counter
Closet	n/a	n/a	GWB	PTW1	GWB	PTW1	GWB	PTW1	GWB	PTW1	WD3	prefinished	GWB	PTC-3	

Finish Types.

PT-1W - Benjamin Moore OC-17 White Dove - Egg Shell Finish

PT-2W - Benjamin Moore OC-17 White Dove - Semi Gloss Finish PT-C1 - Benjamin Moore Decorators White - Egg Shell Finish PT-C2 - Benjamin Moore Decorators White - Semi Gloss Finish PT-C3 - Benjamin Moore Decorators White - Flat Finish (Ceilings Only)

WD1 - western red cedar, 1X4" horizontal slats, untreated **Wood Slats** WD2 - western red cedar, 1X2" verticall slats, treated Engineered Wood WD3 - reclaimed white oak 1X4", engineered, prefinished, natural satin

CT1 - white subway tile 4X16 CT2 - grey 2x2 antislip tile ST1 - slate floor tile, 12x12, white Stone Tile ST2 - slate wall tile 4x16

N/A not applicable GWB gypsum wall board per spec. GWB-W waterproof sheathing as per spec. CONC. concrete

CT ceramic tile ST stone tile WD wood GLZ glazing

1. "North" is top of drawing page for wall designations

- Wood wall cladding shall extend from finished floor to u/s ceiling.
- 3. All wood surface cladding in bathrooms + mudroom to receive clear sealant, low sheen.

Room Finish Schedule - UPGRADE OPTION (warm scheme)

Scale NTS

Horizon Neighborhood Cabins

INTERIOR FINISH SCHEDULE - COOL

	B	ase	No	rth Wall	East	: Wall	Sout	th Wall	We	st Wall		Floors	Ce	iling	Remarks
	Material	Finish	Material	Finish	Material	Finish	South	Finish	Material	Finish	Material	Finish	Material	Finish	
LOWER LEVEL		1									<u> </u>				
Hall	WD	PTC2	GWB	PTC1	GWB	PTC1	GWB	PTC1	n/a	n/a	CONC.	sealed	WD1	clear	
Stair	WD1	untreated	WD1	untreated	WD1	untreated	n/a	n/a	WD1	untreated	WD3	satin	WD1	clear	
Bedroom 1	WD	PTC2	GWB	PTC1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	WD1	clear	
Bathroom 1	TILE	CT1	GWB-W	CT1	GWB-W	CT1	GWB-W	CT1	GWB-W	CT1	CONC./TILE	sealed	WD1	clear	grey 2x2 antislip tile shower base
Bathroom 2	TILE	CT1	GWB-W	CT1	GWB-W	CT1	GWB-W	CT1	GWB-W	CT1	CONC./TILE	sealed	WD1	clear	grey 2x2 antislip tile shower base
Bedroom 2	WD	PTC2	GWB	PTC1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	WD1	clear	
Closets	n/a	n/a	GWB	PTC1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	GWB	PTC1	
UPPER LEVEL															
Living	n/a	n/a	n/a	n/a	WD1	untreated	glazing	n/a	glazing	n/a	CONC.	sealed	WD1	clear	painted steel behind woodstove
Dining	n/a	n/a	WD2	untreated	WD1	untreated	glazing	n/a	glazing	n/a	CONC.	sealed	WD1	clear	See note 2.
Entry	WD2/WD1	treat./untr.	glazing	n/a	WD1	untreated	n/a	n/a	WD2	treated	CONC.	troweled+sealed	GWB	PTC3	See note 2.
Mudroom	WD	PTC2	GWB	PTC1	n/a	n/a	GWB	PTC1	GWB	PTC1	CONC.	sealed	GWB	PTC3	
Powder Rm	TILE	CT1	GWB	CT1	GWB	CT1	GWB	CT1	GWB	CT1	CONC.	sealed	GWB	PTC3	
Kitchen	WD	PTC2	GWB	PTC1/CT1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	GWB	PTC3	CT1 backsplash above counter
Closet	n/a	n/a	GWB	PTC1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	GWB	PTC1	

Finish Types. Paint

PT-1W - Benjamin Moore OC-17 White Dove - Egg Shell Finish PT-2W - Benjamin Moore OC-17 White Dove - Semi Gloss Finish PT-C1 - Benjamin Moore Decorators White - Egg Shell Finish

PT-C2 - Benjamin Moore Decorators White - Semi Gloss Finish PT-C3 - Benjamin Moore Decorators White - Flat Finish (Ceilings Only)

Wood Slats WD1 - western red cedar, 1X4" horizontal slats, untreated WD2 - western red cedar, 1X2" vertical slats, treated WD3 - douglas fir, 1x4" prefinished, natural satin

CONC. - sealed concrete Ceramic Tile CT1 - white subway tile 4X16 CT2 - grey 2x2 antislip tile

N/A

Concrete

not applicable GWB gypsum wall board per spec. GWB-W waterproof sheathing as per spec.

CONC. concrete CT ceramic tile ST stone tile WD wood GLZ glazing

1. "North" is top of drawing page for wall designations

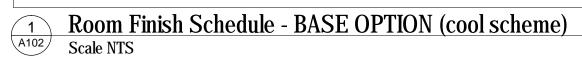
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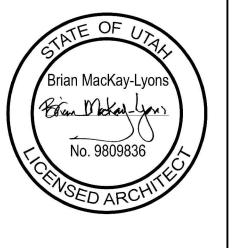
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XMECHANICAL XPLUMBING
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BY:
DATE: 08/24/17 DATE: 08/24/17 WEST COAST CODE CONSULTANTS, INC



MacKay-Lyons Architects 2188 Gottingen St. Halifax, Nova Scotia Canada B3K 3B4 ph: (902) 429.1867 fax: (902) 429.6276



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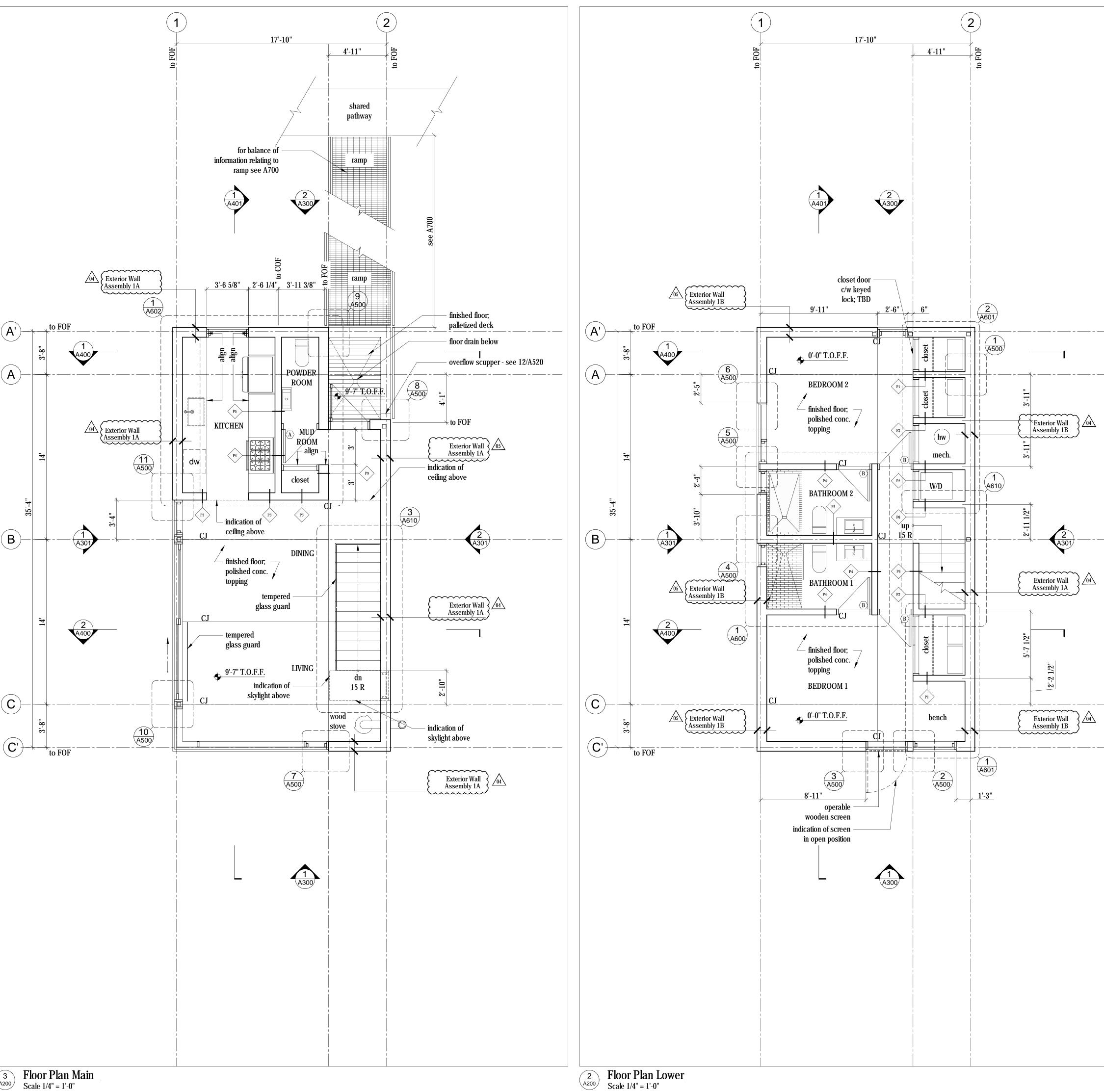
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Cabin 1000 Room Finish Schedules

date: 16-07-04

drawn: DP chk'd: BML





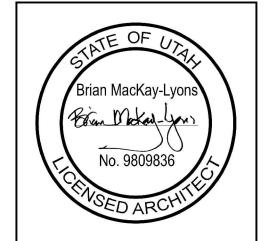
Center line

Partition type

LIVABLE SQUARE FOOTAGES

Floor Plan Lower: 578 square feet Floor Plan Upper: 495 square feet 1073 square feet

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DATE: 08/24/17

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DATE: 08/24/17

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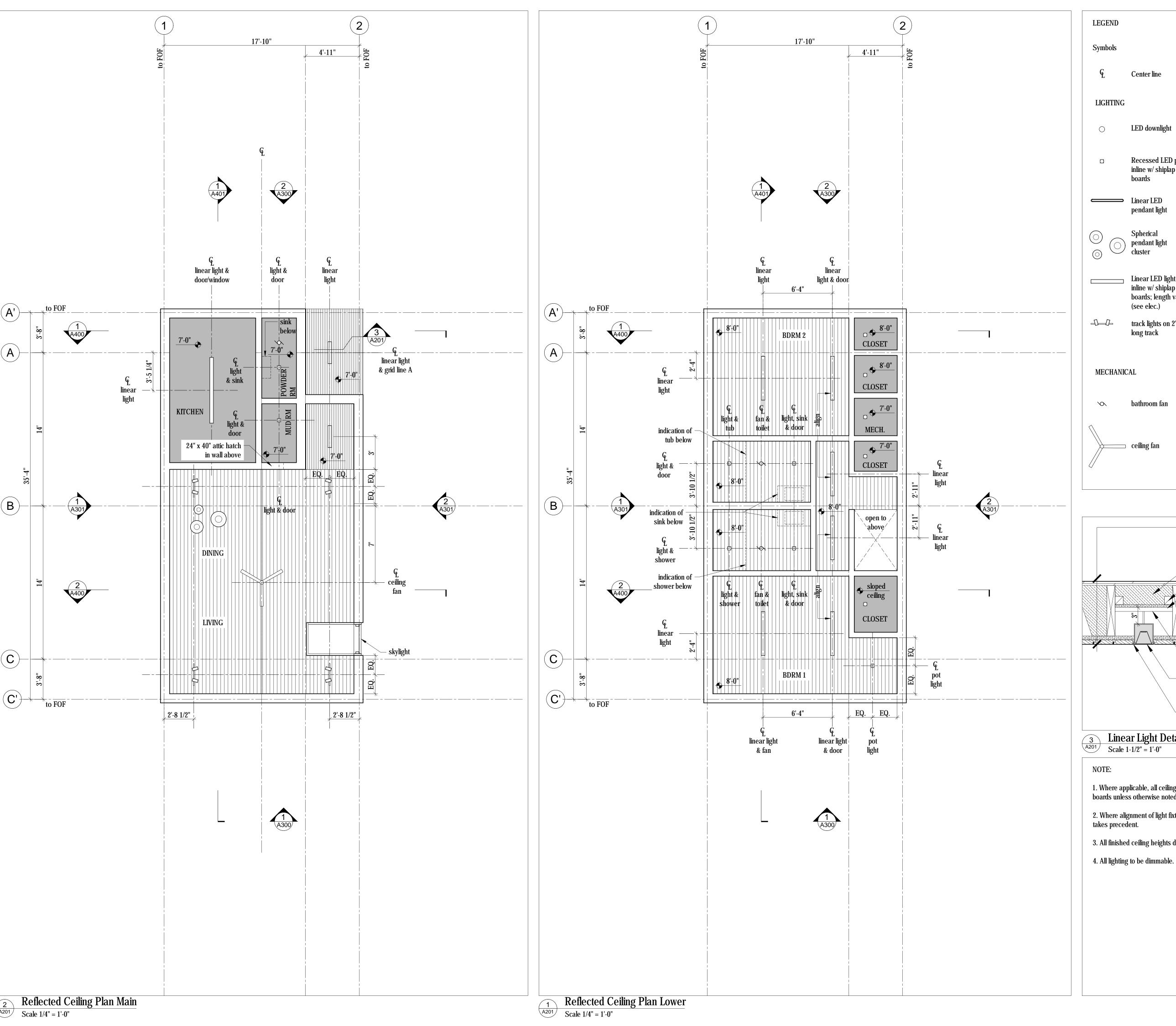
Floor Plans

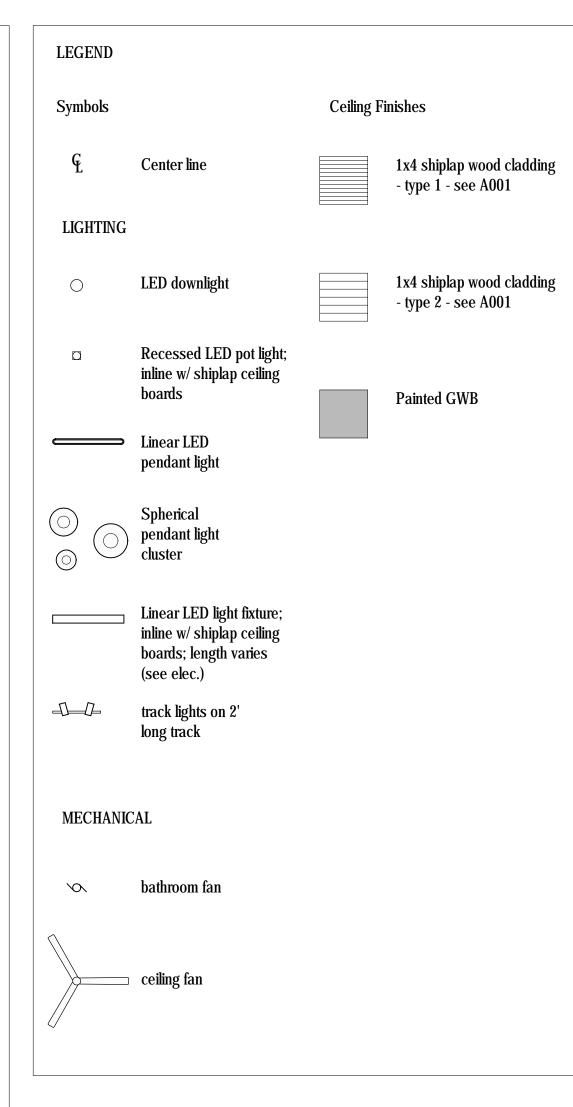
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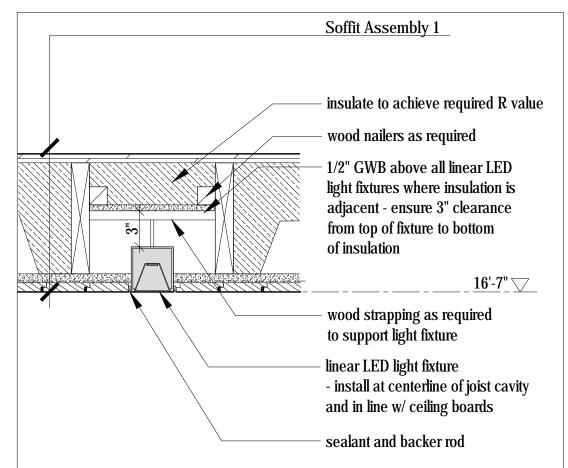
drawn: MJ/JL

chk'd: BML

Floor Plan Main
Scale 1/4" = 1'-0"







Linear Light Detail at Insulated Condition

1. Where applicable, all ceiling mounted light fixtures to be in-line with shiplap boards unless otherwise noted.

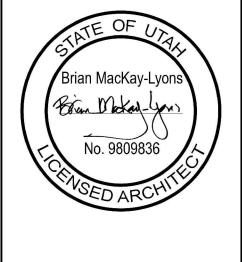
2. Where alignment of light fixtures as noted and 'note 1' are contradictory note 1 takes precedent.

3. All finished ceiling heights dimensioned from top of finished floor below.

MECHANICAL PLUMBING XELECTRICAL XENERGY
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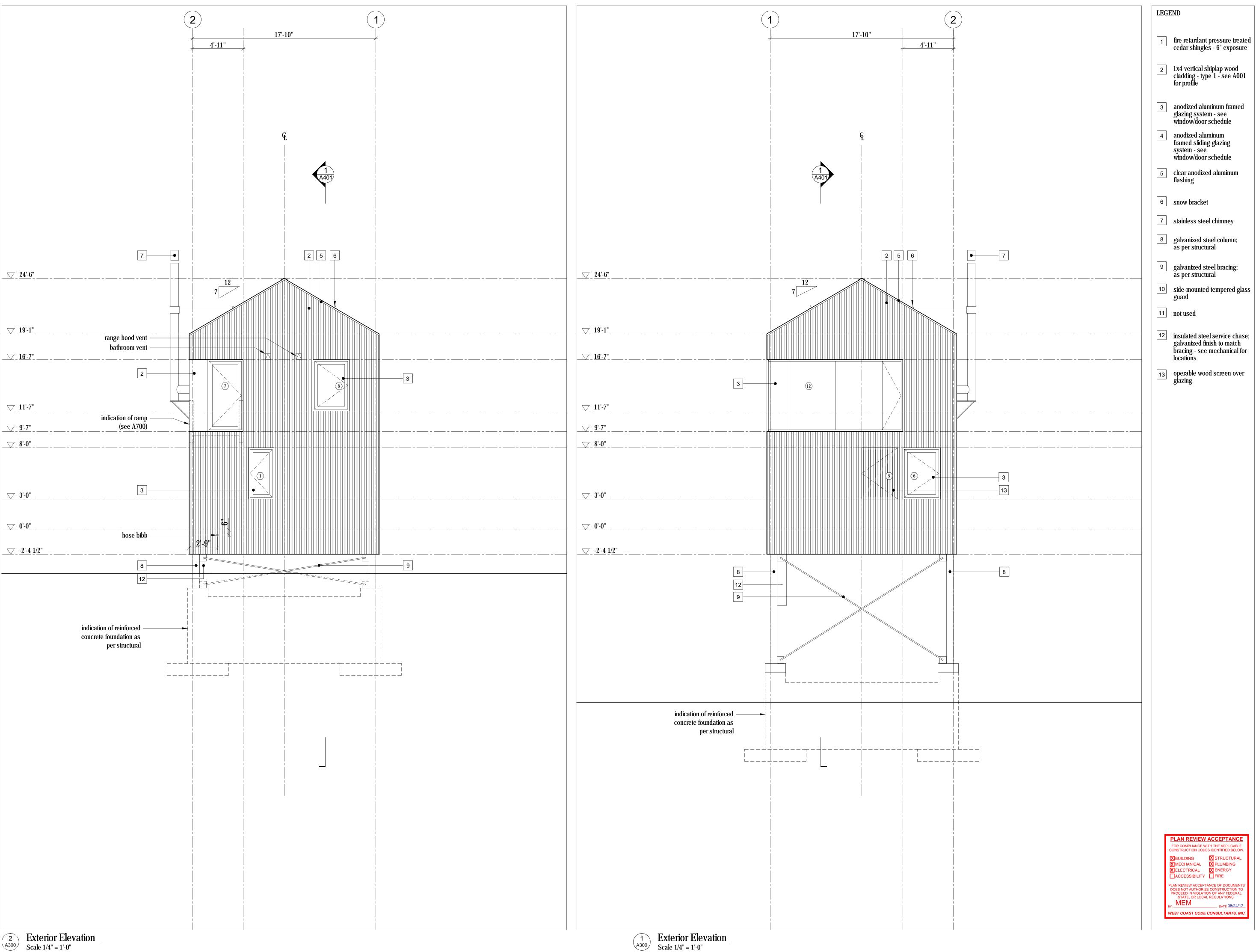
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Cabin 1000 Reflected Ceiling Plans

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

drawn: MJ chk'd: BML



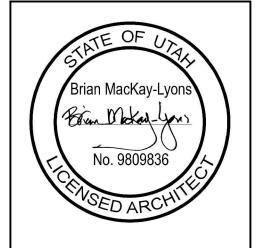
Horizon Neighborhood
CABINS

Summit Powder Mountain
Eden, Utah

MacKay-Lyons
Sweetapple
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Halifax, Nova Scotia
Canada B3K 3B4

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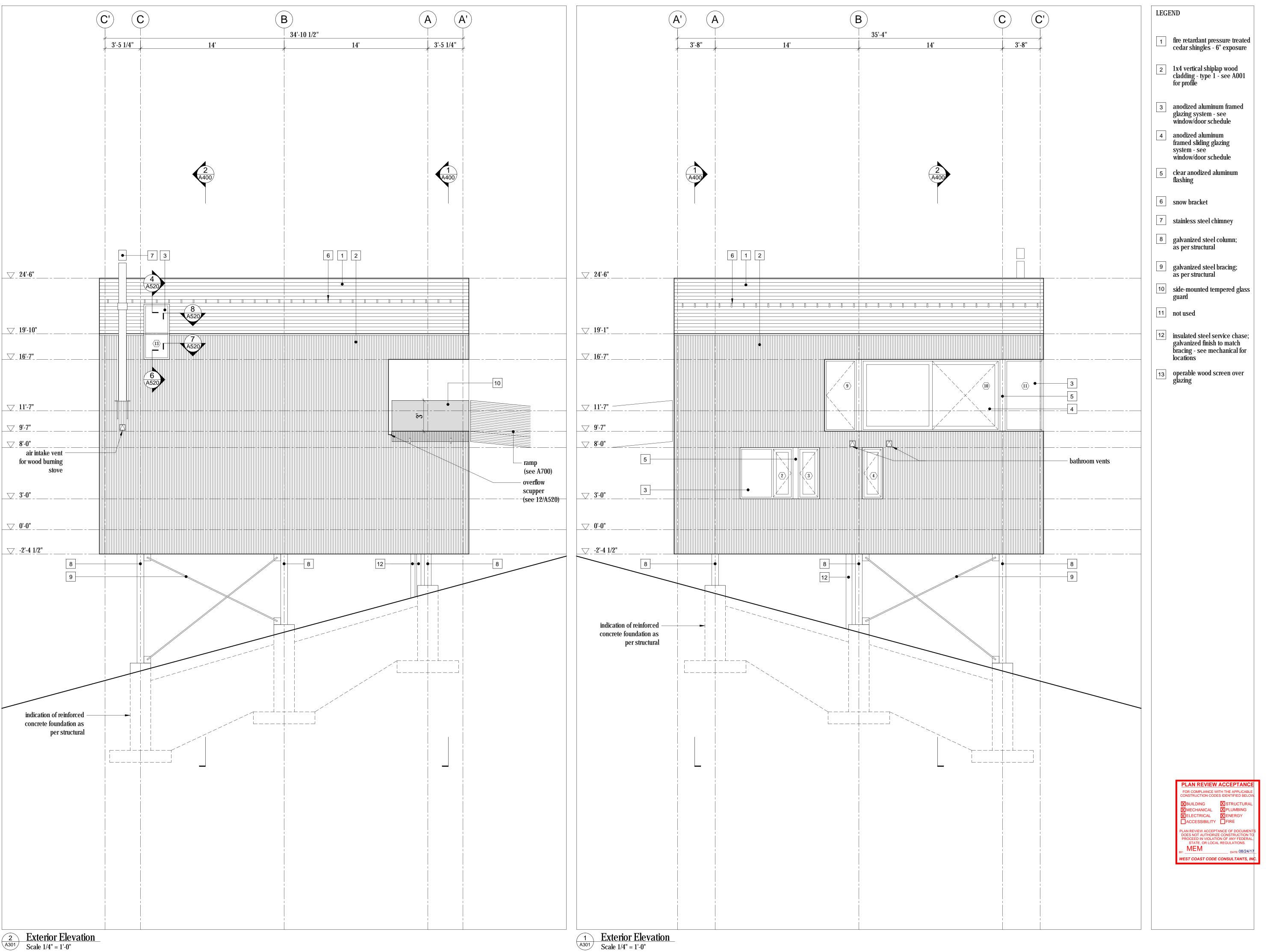
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scale: 1/4" = 1'-0" date: 16-04-20 drawn: MJ/JL

chk'd: BML

A300



Horizon Neighborhood
CABINS

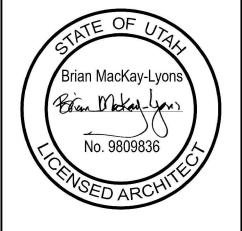
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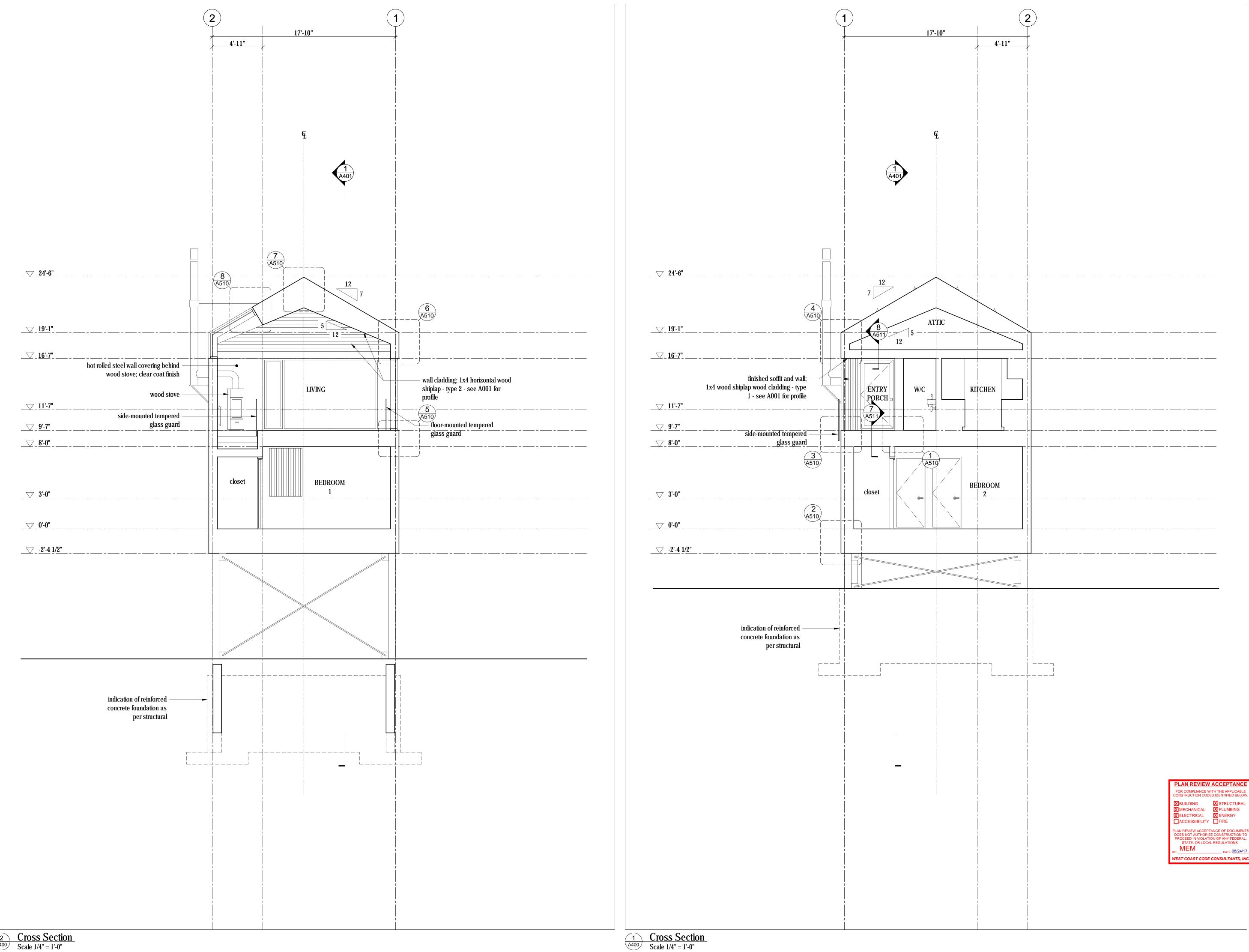
Exterior
Elevations

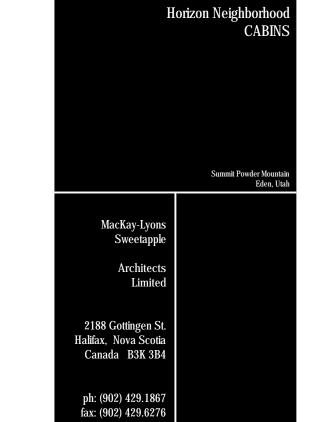
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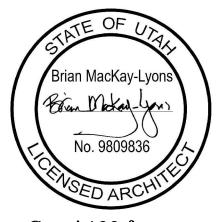
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date: 16-04-20
drawn: MJ/JL

A301







See A102 for room finish schedule

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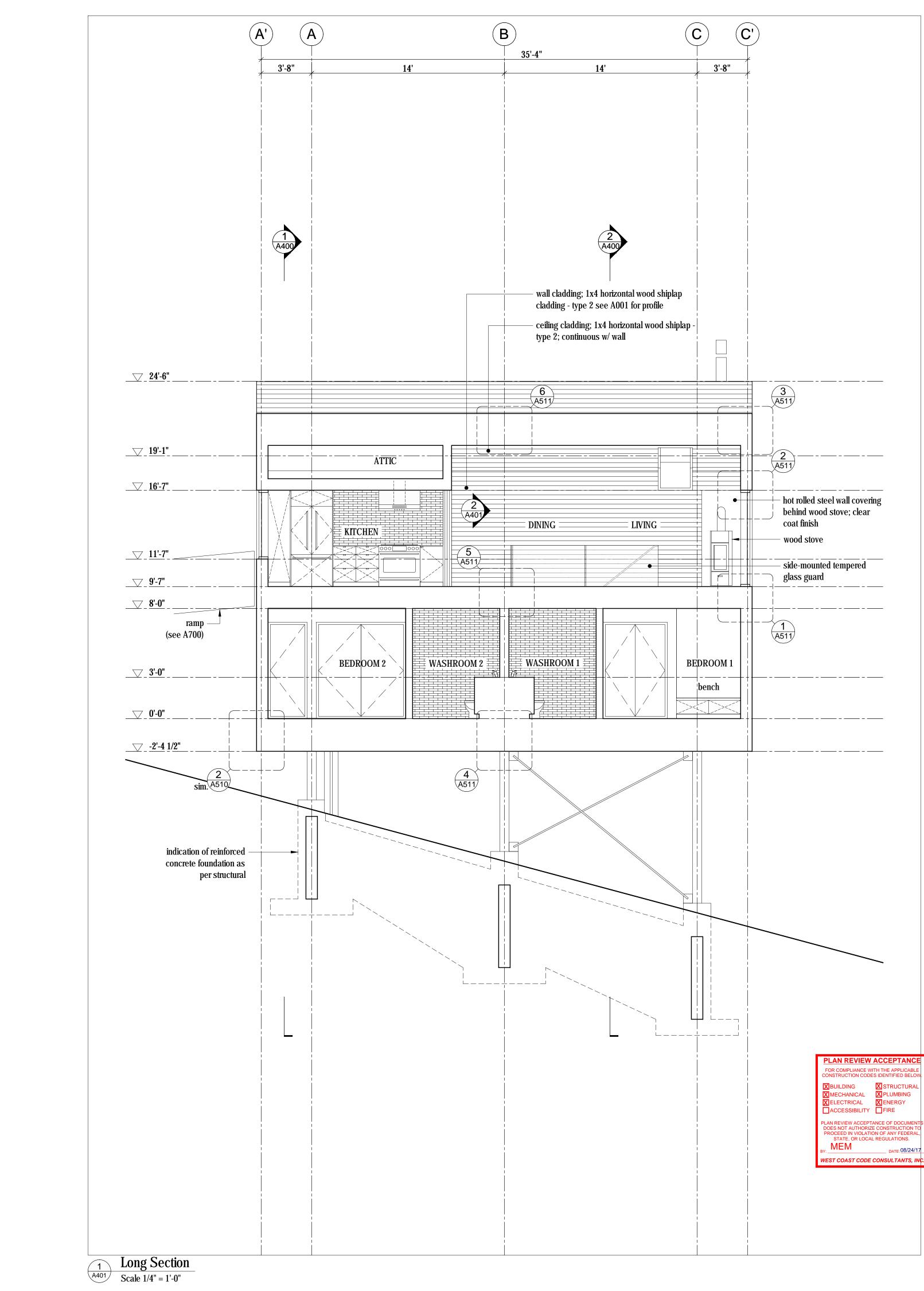
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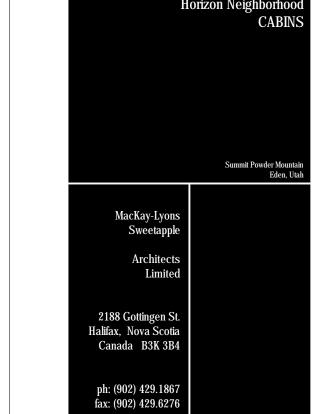
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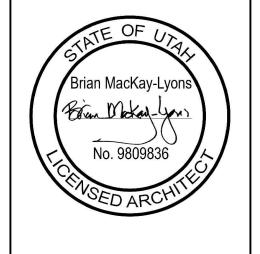
Cabin 1000

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

drawn: MJ/JL







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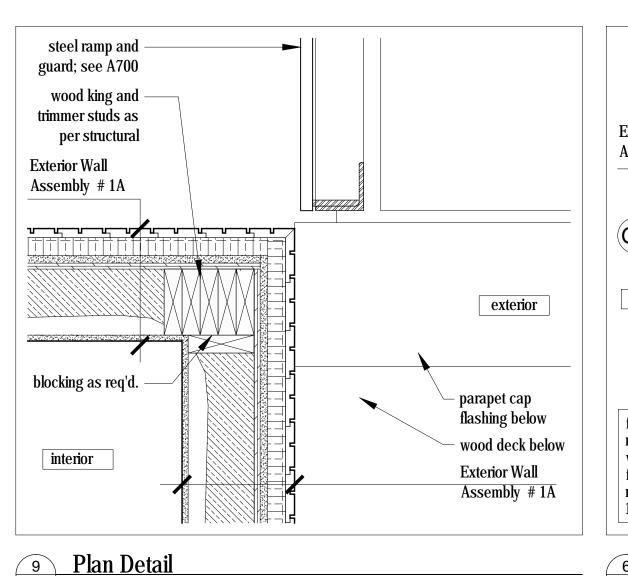
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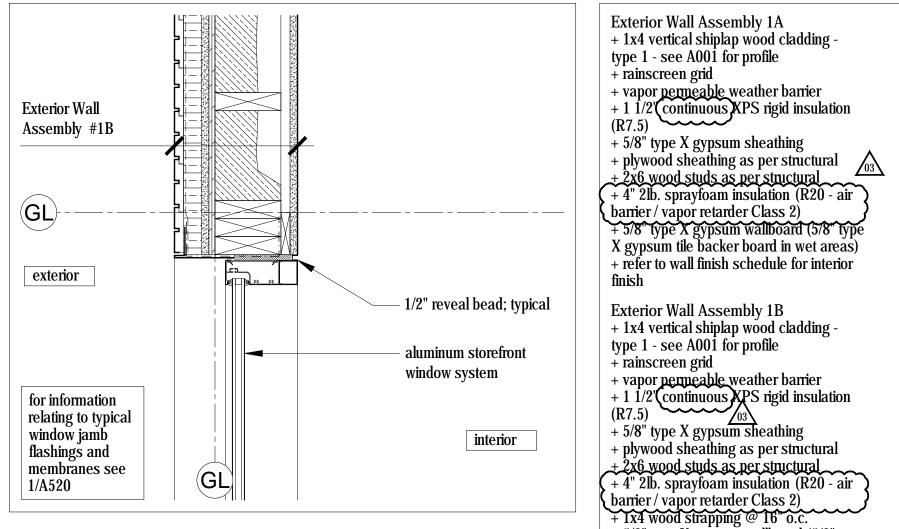
Cabin 1000

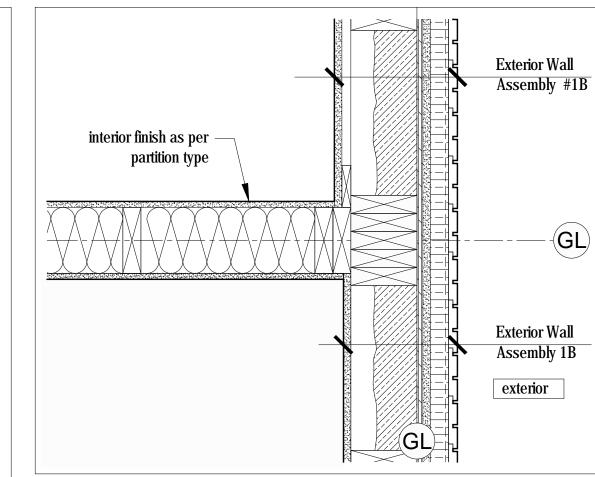
Building

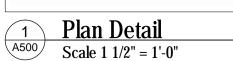
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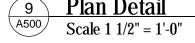
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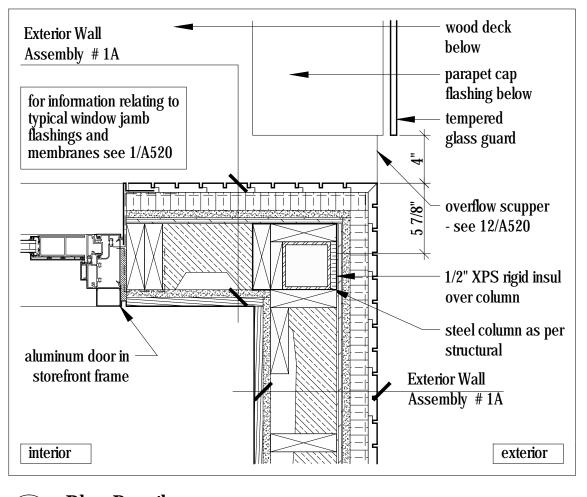


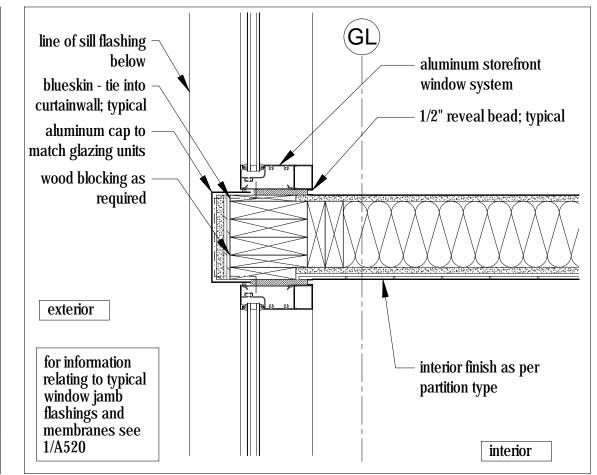


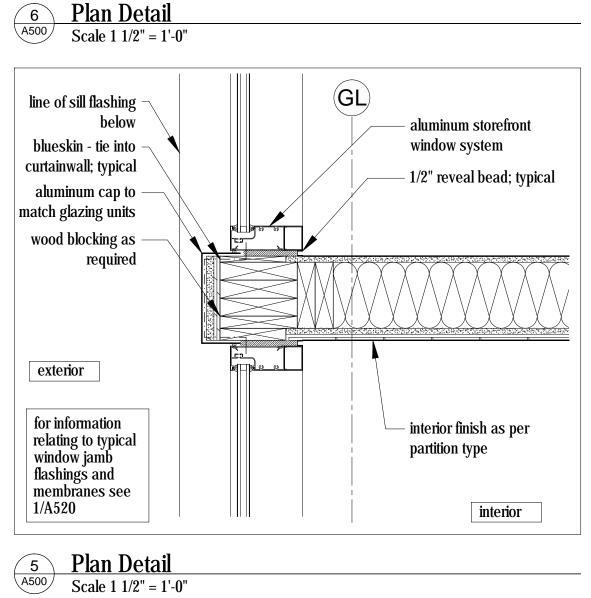


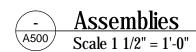












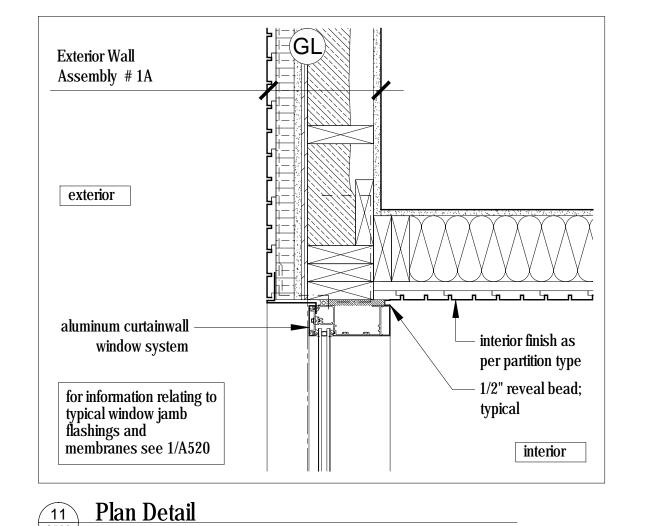
+ 5/8" type X gypsum wallboard (5/8" type

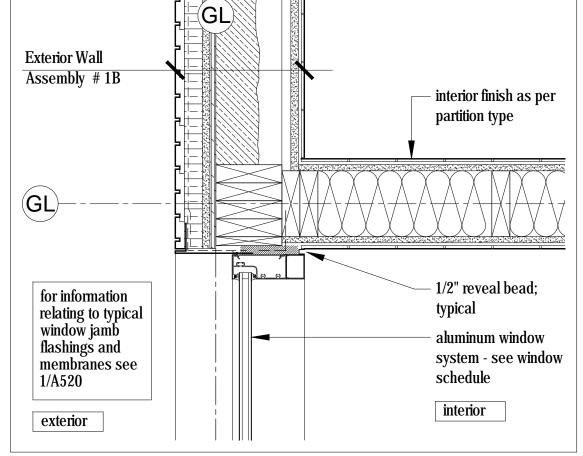
X gypsum tile backer board in wet areas)

+ refer to wall finish schedule for interior

Plan Detail Scale 1 1/2" = 1'-0"

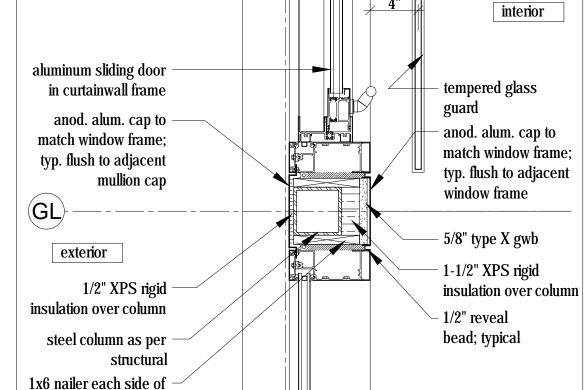
interior







- 1x4 wood furring as require



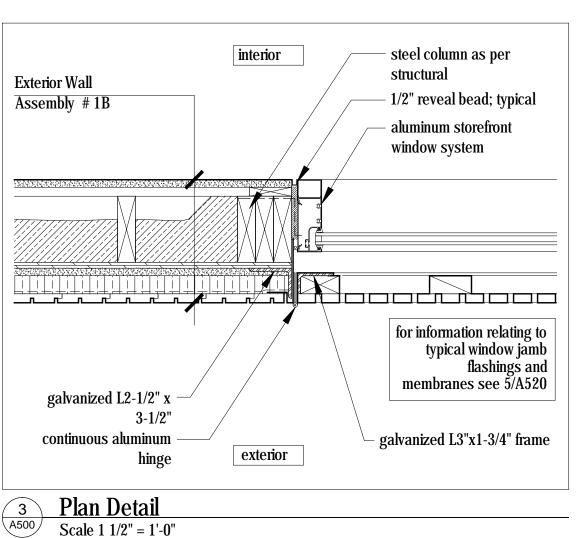
Scale 1 1/2" = 1'-0"

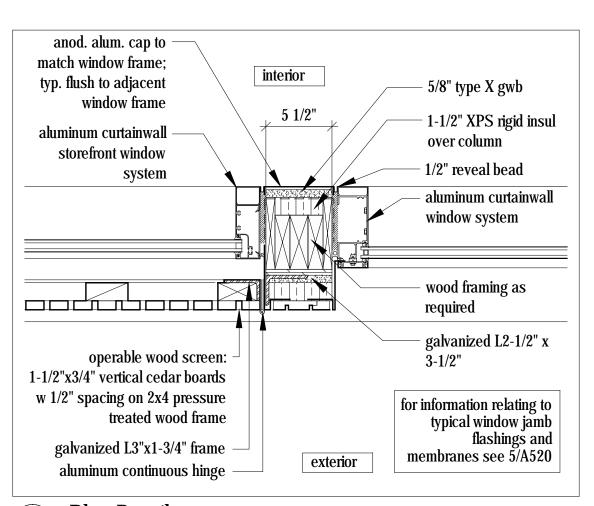
steel column

Plan Detail

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

hot rolled steel surround 1/2" reveal bead; typical at wood stove; clear coat aluminum curtainwall – window system **Exterior Wall** for information relating to Assembly # 1A typical window jamb flashings and membranes see 1/A520 exterior Plan Detail Scale $1 \frac{1}{2}$ " = 1'-0"



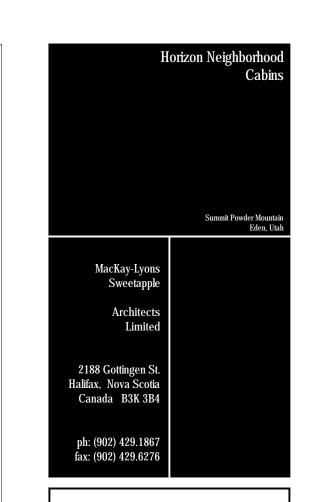




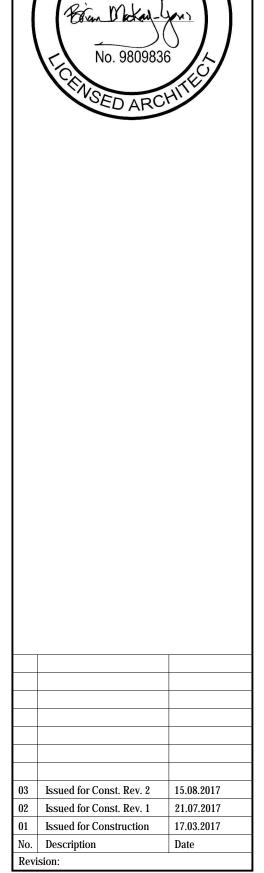
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XSTRUCTURA

XMECHANICAL
XPLUMBING

XELECTRICAL
XENERGY ACCESSIBILITY FIRE PLAN REVIEW ACCEPTANCE OF DOCUMENT DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL STATE, OR LOCAL REGULATIONS. MEM DATE: 08/24/17 WEST COAST CODE CONSULTANTS, INC



Brian MacKay-Lyor



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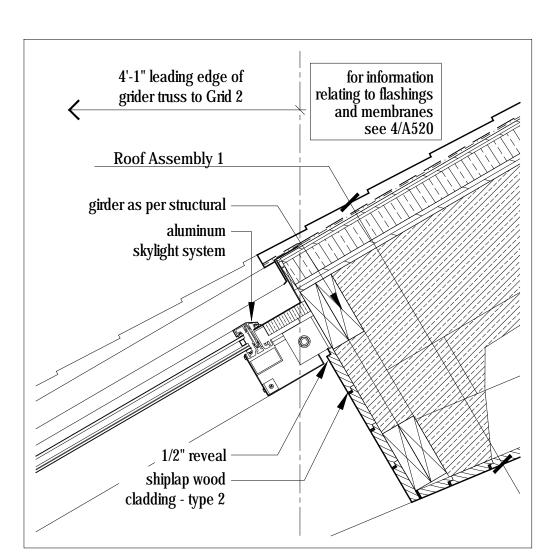
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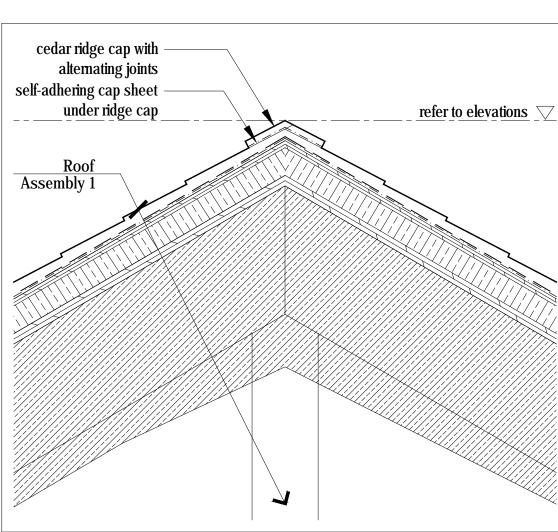
scale: 1 1/2" = 1'-0" drawn: MJ/DP

chk'd: BML



Head Detail at Skylight Window

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



Typical Section Detail @ Ridge

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

Exterior Wall Assembly 1A Roof Assembly 1 + 1x4 vertical shiplap wood cladding -type 1 - see A001 for profile + 'Class B' fire retardant pressure treated cedar shingles + rainscreen grid + rainscreen grid + 'Class A' mineral-surfaced cap sheet + vapor permeable weather barrier + 1 1/2 continuous XPS rigid insulation + self-adhering sheet roof membrane underlayment + 5/8" type X gypsum sheathing + plywood sheathing as per structural 103 + 1/2" exterior grade plywood + 2(continuous)XPS rigid insulation (R10) + plywood sheathing as per structural 03 + 2x6 wood studs as per structural + 4" 2lb. sprayfoam insulation (R20 - air) + wood trusses as per structural + 6" 2lb. closed cell sprayfoam insulation barrier / vapor retarder Class 2) + 5/8" type X gypsum wallboard (5/8" type (R30 - air barrier / vapor retarder Class 2) + interior sprinkler system as per A101 X gypsum tile backer board in wet areas) + refer to wall finish schedule for interior code review + 3/4" shiplap wood cladding - type 2 - see finish A001 for profile **Exterior Wall Assembly 1B** + 1x4 vertical shiplap wood cladding -Roof Assembly 2 type 1 - see A001 for profile + 'Class B' fire retardant pressure treated + rainscreen grid cedar shingles + vapor permeable weather barrier + 1 1/2 continuous XPS rigid insulation + rainscreen grid + 'Class A' mineral-surfaced cap sheet + self-adhering sheet roof membrane + 5/8" type X gypsum sheathing underlayment 03 + 1/2" exterior grade plywood + 2" continuous XPS rigid insulation (R10) + plywood sheathing as per structural $\frac{1}{\sqrt{3}}$ + 2x6 wood stude as per structural + 4" 2lb. sprayfoam insulation (R20 - air + plywood sheathing as per structural barrier / vapor retarder Class 2) + wood trusses as per structural + 5/8" type X gypsum sheathing + 5/8" type X gypsum wallboard (5/8" type + vapor permeable weather barrier X gypsum tile backer board in wet areas) + 3/4" shiplap wood cladding - type 2 - see A001 for profile + refer to wall finish schedule for interior **Exterior Wall Assembly 1C** Floor Assembly 1 + 1x4 horizontal shiplap wood cladding -+ 3" concrete topping w/ in-floor heating type 1 - see A001 for profile + plywood sheathing as per structural + rainscreen grid + wood floor joists as per structural + vapor permeable weather barrier + 1 1/2 continuous XPS rigid insulation + wood furring as required + interior sprinkler system as per A101 (R7.5)+ 5/8" type X gypsum sheathing hypothesis + plywood shoothing code review + 3/4" shiplap wood cladding - type 2 - see + plywood sheathing as per structural A001 for profile + 2x6 wood studs as per structural + 4" 2lb. sprayfoam insulation (R20 - air) Floor Assembly 2 barrier / vapor retarder Class 2) + 5/8" type X gypsum wallboard + 3" concrete topping w/ in-floor heating + plywood sheathing as per structural + 1x4 horizontal shiplap wood cladding -+ wood furring as per structural type 2 - see A001 for profile + wood floor joists as per structural + interior sprinkler system as per A101 **Exterior Wall Assembly 2** code review + 1x4 vertical shiplap wood cladding -+ 3/4" shiplap wood cladding - type 2 type 1 - see A001 for profile A001 for profile + rainscreen grid + vapor permeable weather barrier + 1 1/2(continuous)XPS rigid insulation Floor Assembly 3 + palletized wood deck system (R7.5)
+ 5/8" type X gypsum sheathing
+ plywood sheathing as per structural + liquid-applied roofing membrane + plywood sheathing as per structural slope to drain, minimum 2% + 2x6 wood studs as per structural + wood floor joists as per structural; + 5/8" type X gypsum sheathing tapered to create slope -----+ vapor permeable weather barrier + 6" 2lb. sprayfoam insulation (R30 - air) + 1x4 vertical wood shiplap cladding -type 1 - see A001 for profile + interior sprinkler system as per A101/₀₃ code review + 3/4" shiplap wood cladding - type 2 - see Exterior Wall Assembly 3
A001 for profile + 1x4 vertical shiplap wood cladding ---type 1 - see A001 for profile - minscreen grid

+ vapor permeable weather barrier

+ 1 1/2" continuous XPS rigid insulation

+ 5/8" type X gypsum sheathing + plywood sheathing as per structural

- 2x6 wood studs as per structural

+ 5/8" type X gypsum sheathing

barrier / vapor retarder Class 2)

+ wood roof joists as per structural + 5/8" type X gypsum sheathing + vapor permeable weather barrier

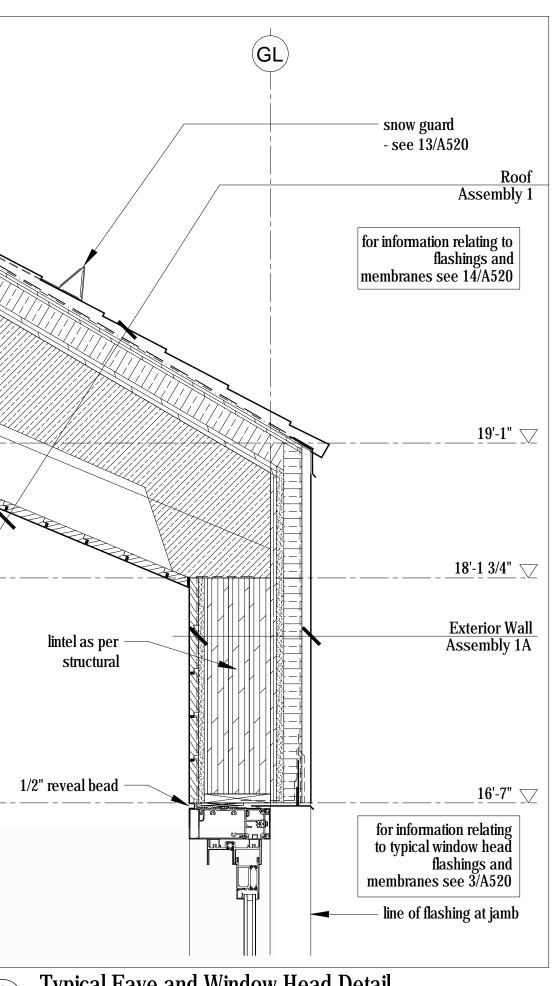
+ 3/4" sheathing

A001 for profile

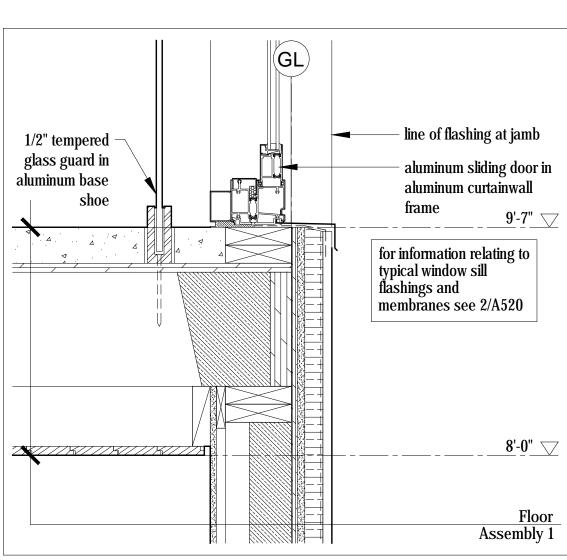
+ vapor permeable weather barrier
Soffit Assembly 1

+ 6" 2lb. sprayfoam insulation (R30 - air

+ 1x4 wood shiplap cladding - type 1 - see

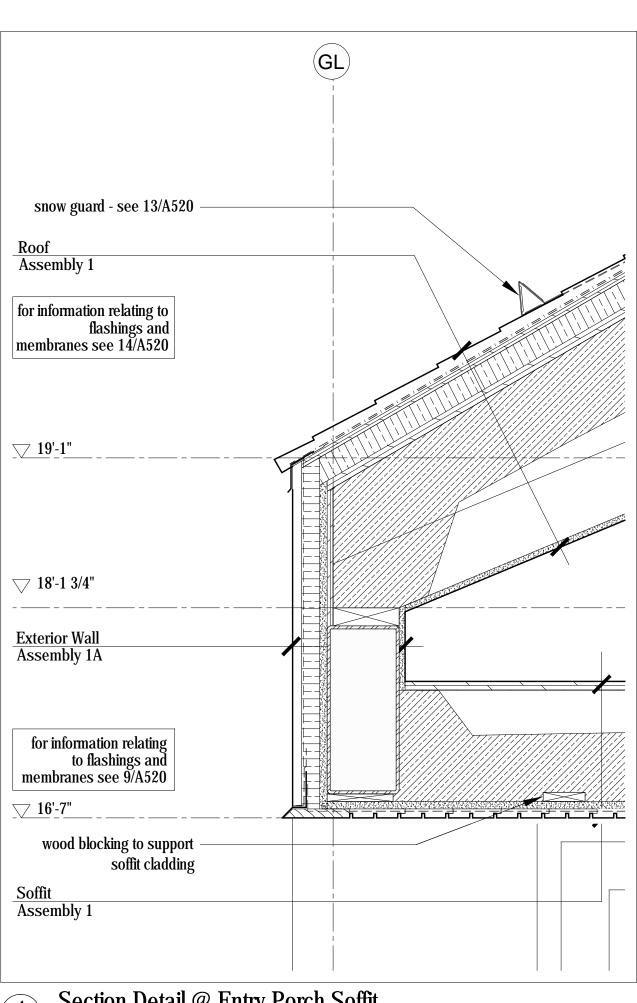


Typical Eave and Window Head Detail A510 Scale 1 1/2" = 1'-0"



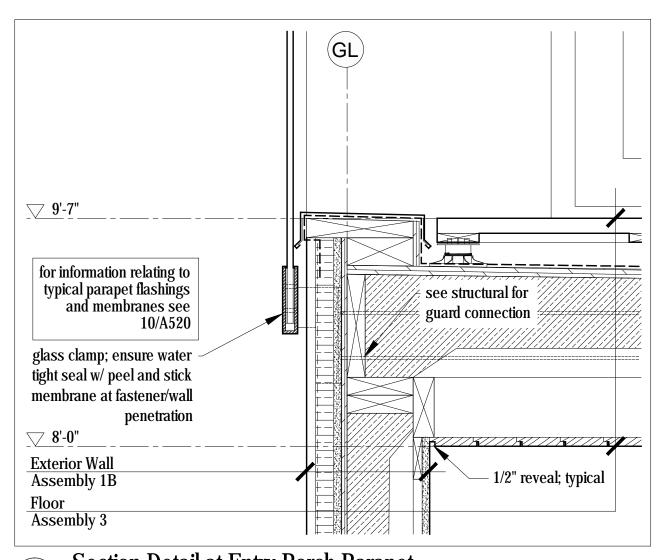
Typical Window Sill Detail

A510 Scale 1 1/2" = 1'-0"



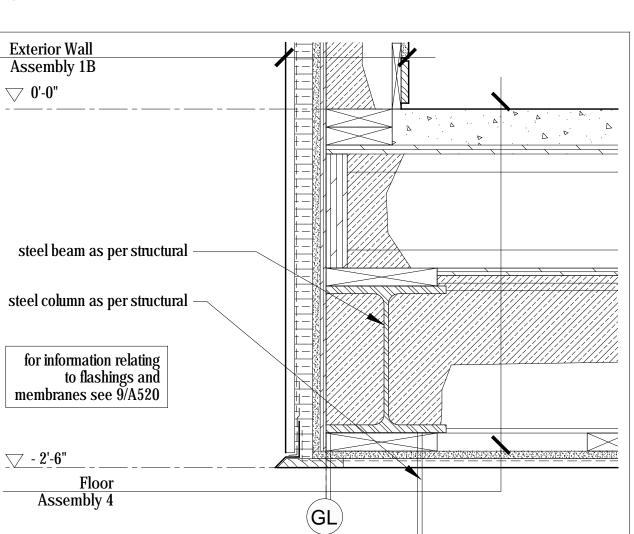
Section Detail @ Entry Porch Soffit

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



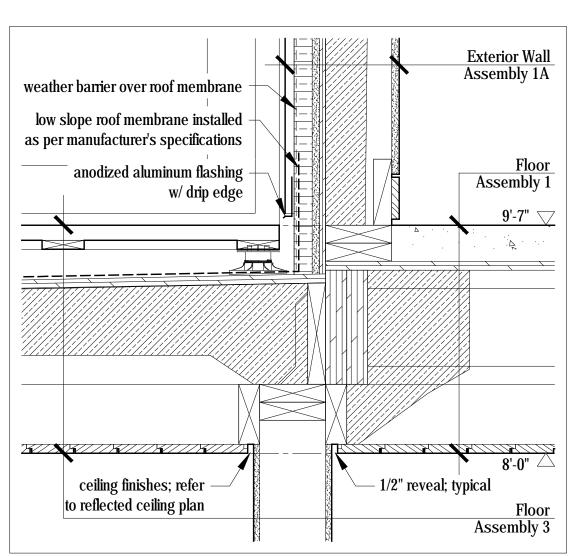
Section Detail at Entry Porch Parapet

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



Typical Section Detail at Floor/Wall

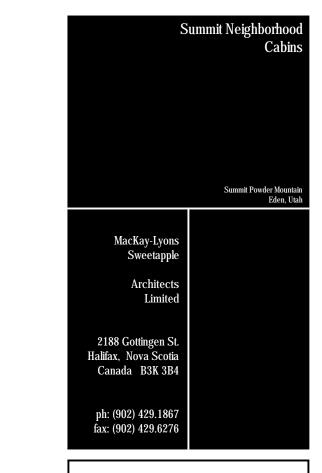
Scale 1 1/2" = 1'-0"

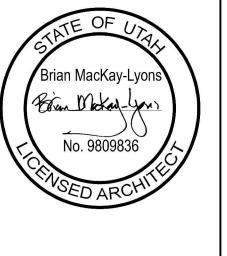


Typical Wall / Deck Detail

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







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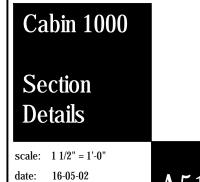
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of the building.



drawn: DP chk'd: BML

A510

Assemblies Scale 1 1/2" = 1'-0"

Floor Assembly 4

+ 1/2" plywood

+ 3" concrete topping w/ in-floor heating + plywood sheathing as per structural

+ 6" 2lb. sprayfoam insulation (R30 - air

+ wood floor joists as per structural

barrier Lvapor retarder Class 2)

+ 5/8" type X gypsum sheathing

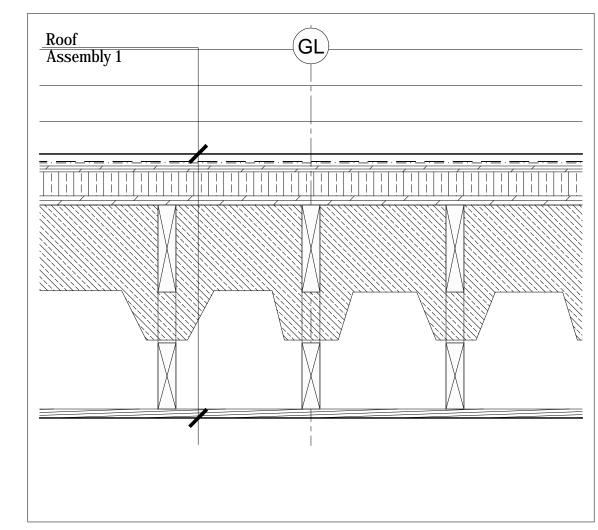
+ vapour permeable weather barrier

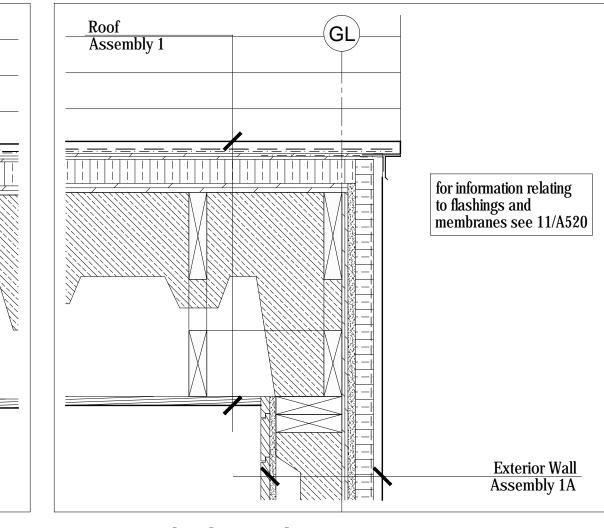
+ 1x4 wood shiplap cladding - type 1

+ 2x4 nailer as required

+ rainscreen grid

A001 for profile





Typical Section Detail @ Ceiling and Steel Truss

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

Soffit Assembly 1

wood blocking to support

- 2lb sprayfoam insulation

wood blocking as req'd

- 1/2" reveal bead

aluminum door in

storefront frame

- line of flashing at jamb

extend roofing membrane

9'-7"

8'-0" */*

Floor

 $\frac{Floor}{Assembly \, 1}$

Assembly 3

2lb sprayfoam insulation

under door threshold

16'-7"

soffit cladding

weather barrier over peel

peel and stick membrane

and stick membrane

- tie into door frame

anodized aluminum

flashing w/ drip edge

anodized aluminum

low slope roofing

curtainwall

slope to drain, 2% min.

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

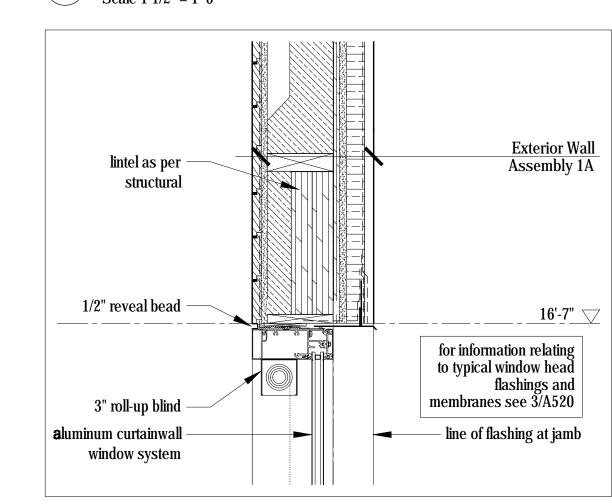
membrane - tie into

flashing c/w drip edge

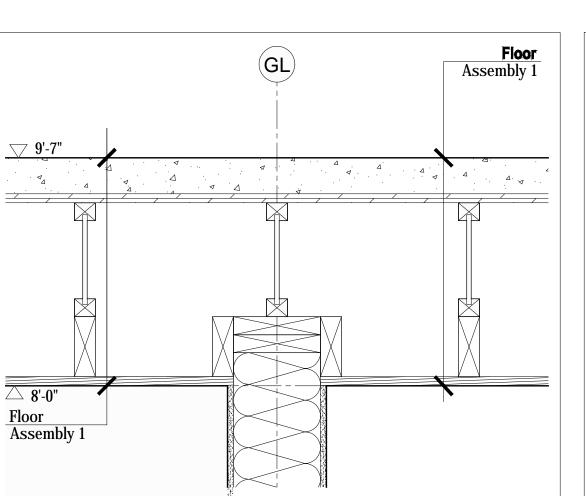
Section Detail @ Entry Door Head

Section Detail @ Entry Door Threshold

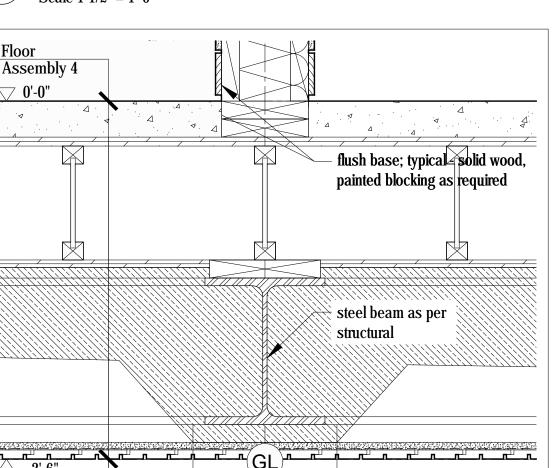
_Typical Rake Detail 3 Typical Rake
Scale 1 1/2" = 1'-0"



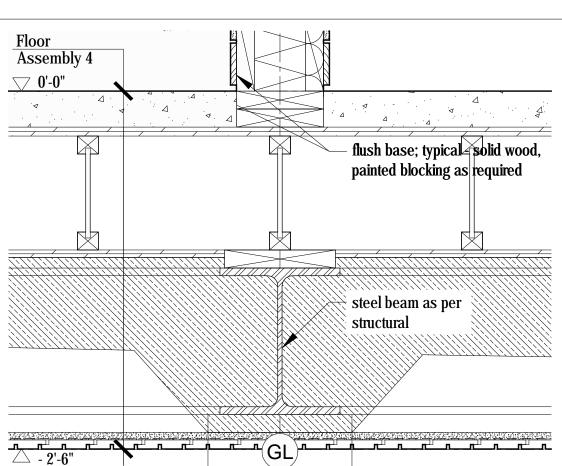
Section Detail Scale 1 1/2" = 1'-0"



Section Detail @ Interior Wall Scale 1 1/2" = 1'-0"



Section Detail @ Lower Floor



line of flashing at jamb aluminum curtainwall window system 1/2" reveal; typical for information relating to typical window sill flashings and membranes see 2/A520 <u>8'-0"</u> **Exterior Wall** Assembly 1B Floor Assembly 1 (GL)

Section Detail Section Detail Scale 1 1/2" = 1'-0"

> **PLAN REVIEW ACCEPTANCE** XBUILDING
> XSTRUCTURAL
>
>
> XMECHANICAL
> XPLUMBING
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>
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MacKay-Lyons Architects Limited 2188 Gottingen St. Halifax, Nova Scotia Canada B3K 3B4 ph: (902) 429.1867 fax: (902) 429.6276



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Cabin 1000 Section

Details scale: 1/4" = 1'-0" date: 16-05-02 drawn: DP

chk'd: BML

- Assemblies

Roof Assembly 1

cedar shingles

underlayment

code review

Floor Assembly 1

A001 for profile

code review

code review

A001 for profile

Floor Assembly 3

Floor Assembly 2

+ rainscreen grid

+ 'Class B' fire retardant pressure treated

+ 'Class A' mineral-surfaced cap sheet

+ 1/2" exterior grade plywood + 2 continuous XPS rigid insulation (R10) + plywood sheathing as per structural + wood trusses as per structural + 6" 2lb. closed cell sprayfoam insulation (R30 - air barrier / vapor retarder Class 2) + interior sprinkler system as per A101

+ 3/4" shiplap wood cladding - type 2 - see A001 for profile

+ 3" concrete topping w/ in-floor heating + plywood sheathing as per structural

+ interior sprinkler system as per A101

+ 3" concrete topping w/ in-floor heating

+ plywood sheathing as per structural

+ interior sprinkler system as per A101

+ 3/4" shiplap wood cladding - type 2 - see + rainscreen grid

+ wood furring as per structural

+ palletized wood deck system

slope to drain, minimum 2%

barrier / vapor retarder Class 2)

+ liquid-applied roofing membrane

+ plywood sheathing as per structural -

slope to dram, minimum 270 + wood floor joists as per structural;

tapered to create slope / 03 + 6" 2lb. sprayfoam insulation (R30 - air

+ interior sprinkler system as per A101

+ 3/4" shiplap wood cladding - type 2 - see A001 for profile

+ wood floor joists as per structural

+ wood floor joists as per structural

+ wood furring as required

+ self-adhering sheet roof membrane

Floor Assembly 4

A001 for profile

+ rainscreen grid

code review + 2x6 wood studs as per structural + 3/4" shiplap wood cladding - type 2 - see + 4" 2lb. sprayfoam insulation (R20 - air

+ 3" concrete topping w/ in-floor heating

+ 1/2" plywood + steel beam as per structural + 6" 2lb. sprayfoam insulation (R30 - air

+ 2x4 nailer as required

+ vapour permeable weather barrier

+ 1x4 vertical shiplap wood cladding -type 1 - see A001 for profile

+ vapor permeable weather barrier + 1 1/2 continuous XPS rigid insulation

+ 5/8" type X gypsum sheathing + plywood sheathing as per structural

barrier / vapor retarder Class 2) + 5/8" type X gypsum wallboard (5/8" type

X gypsum tile backer board in wet areas)

+ refer to wall finish schedule for interior

+ 1x4 vertical shiplap wood cladding - type 1 - see A001 for profile

+ vapor permeable weather barrier + 1 1/2 continuous XPS rigid insulation

+ 5/8" type X gypsum sheathing
+ plywood sheathing as per structural
+ 2x6 wood steel

+ 2x6 wood studs as per structural (+ 4" 2lb. sprayfoam insulation (R20 - air

+ 5/8" type X gypsum wallboard (5/8" type

X gypsum tile backer board in wet areas)

+ refer to wall finish schedule for interior

barrier / vapor retarder Class 2)

+ Ix4 wood strapping @ 16" o.c.

Exterior Wall Assembly 1B

+ rainscreen grid + 1x4 wood shiplap cladding - type 1 - see

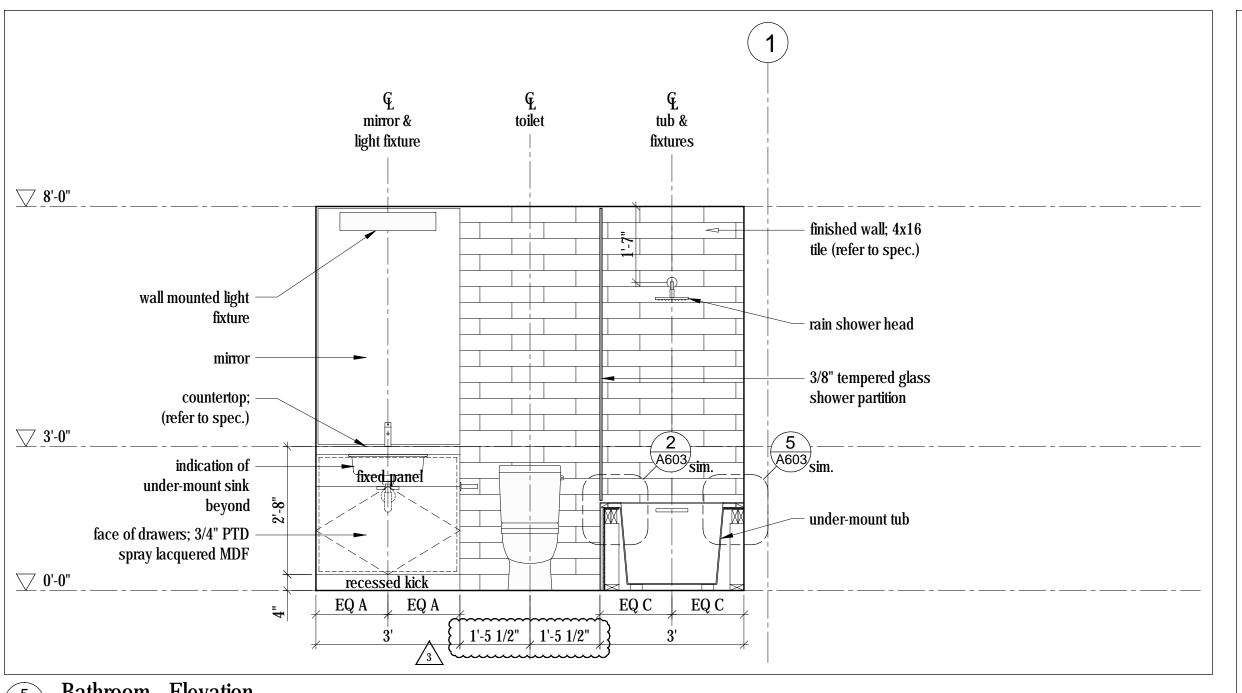
+ plywood sheathing as per structural

+ wood floor joists as per structural

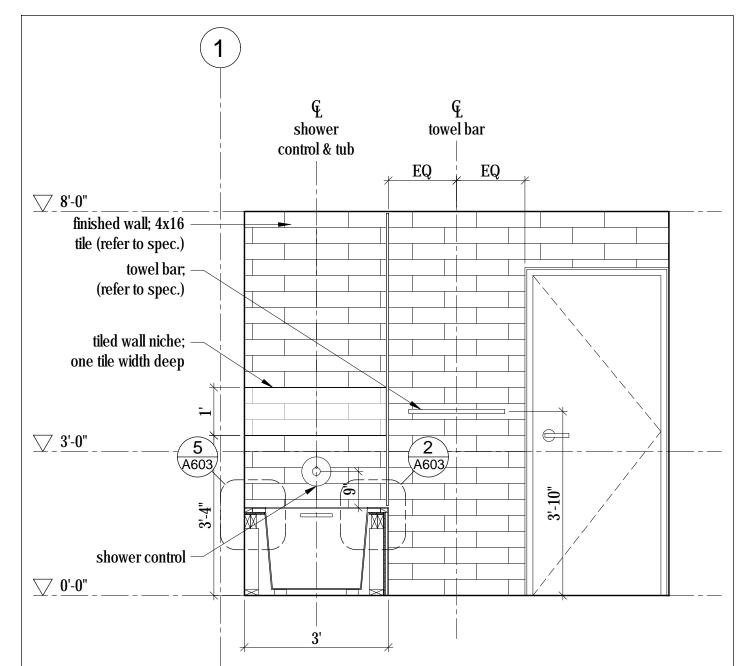
barrier / vapor retarder Class 2)

+ 5/8" type X gypsum sheathing

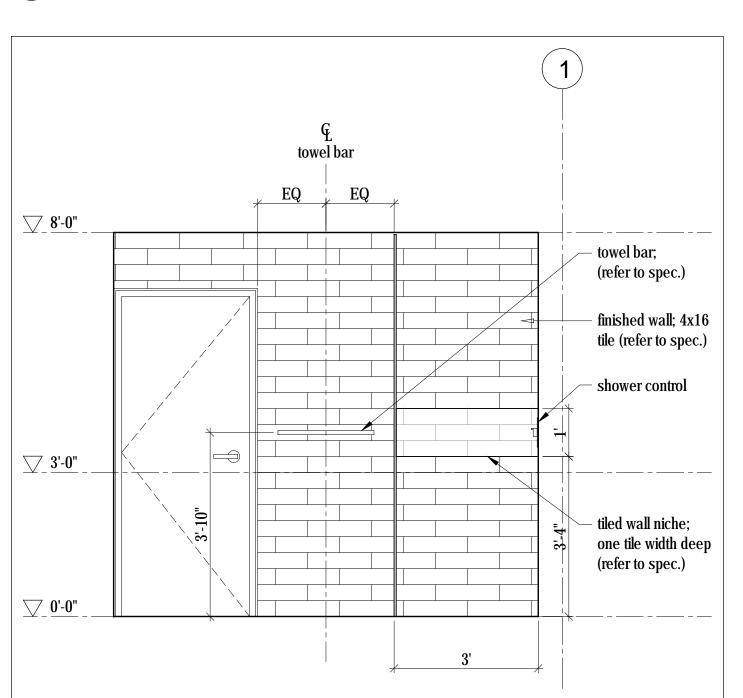
Exterior Wall Assembly 1A



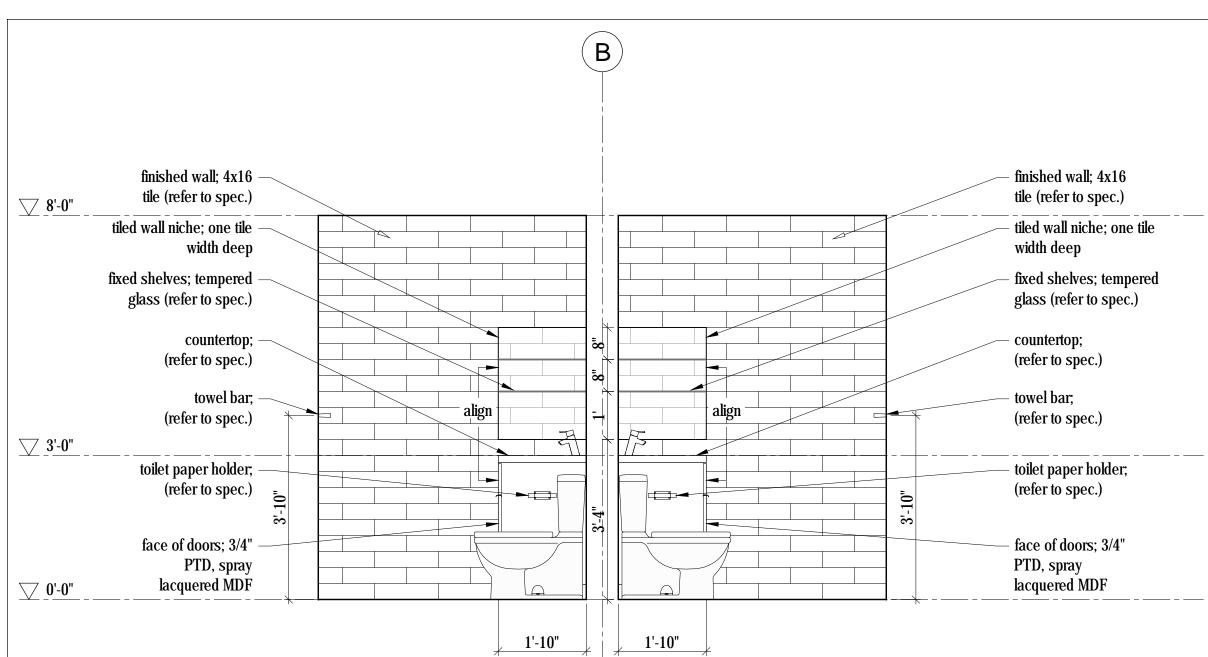
Bathroom - Elevation
Scale 1/2" = 1'-0"



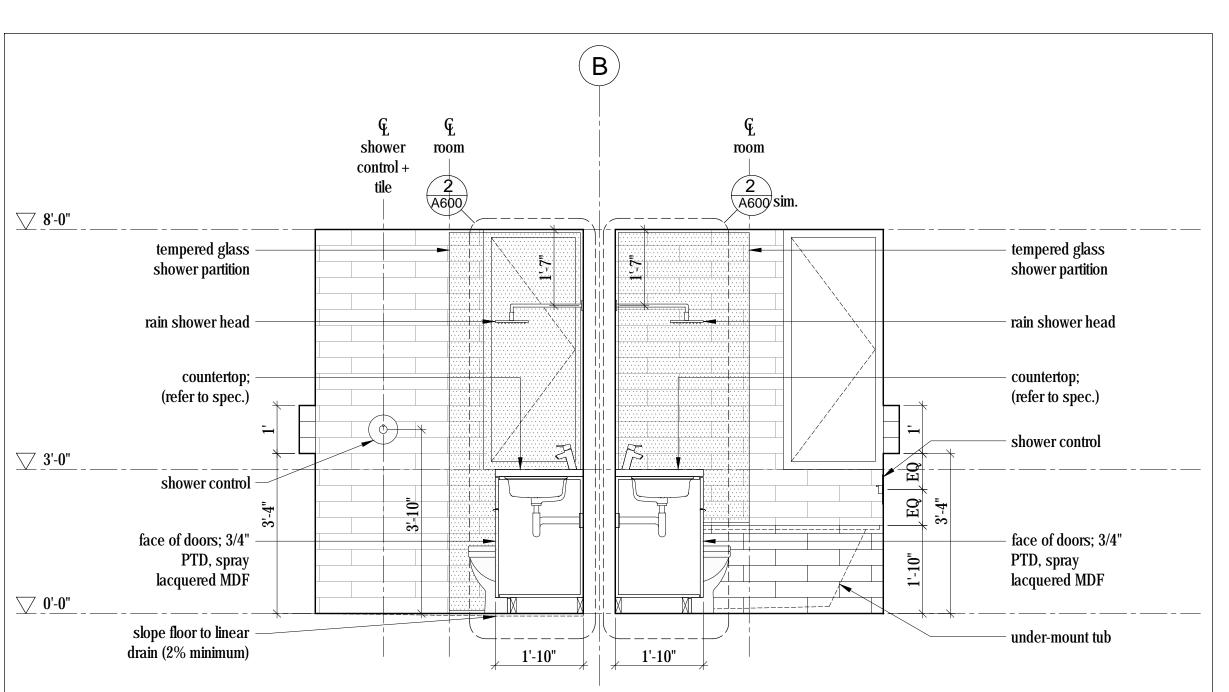
Bathroom - Elevation
Scale 1/2" = 1'-0"



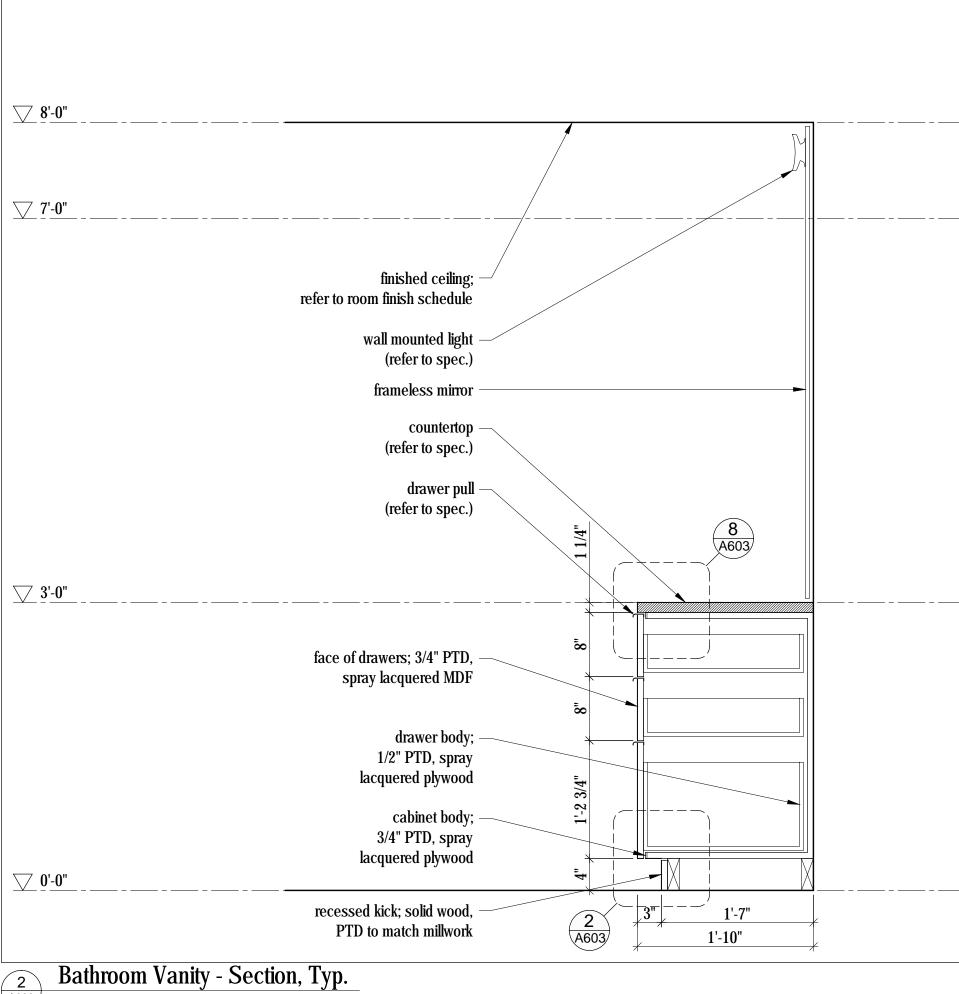
Bathroom - Elevation
Scale 1/2" = 1'-0"



Bathroom - Section
Scale 1/2" = 1'-0"



Bathroom - Section
Scale 1/2" = 1'-0"



Summit Horizon

MacKay-Lyons Sweetapple

2188 Gottingen St. Halifax, Nova Scotia Canada B3K 3B4

ph: (902) 429.1867 fax: (902) 429.6276

Brian MacKay-Lyoi

Eten Makay-you

NOTE: all dimensions to be verified in field

counter

▽ 0'-0"

Typical installation

heights and alignments

vertically align

their centre line

switches/outlets by

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absence of dimensions, or if discrepancies exist,

consult Architect. All minimum dimensions are to

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from instructions provided by the Engineer.

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o. Description

NOTES:

DIMENSIONS:

SHOP DRAWINGS:

Cabin 1000

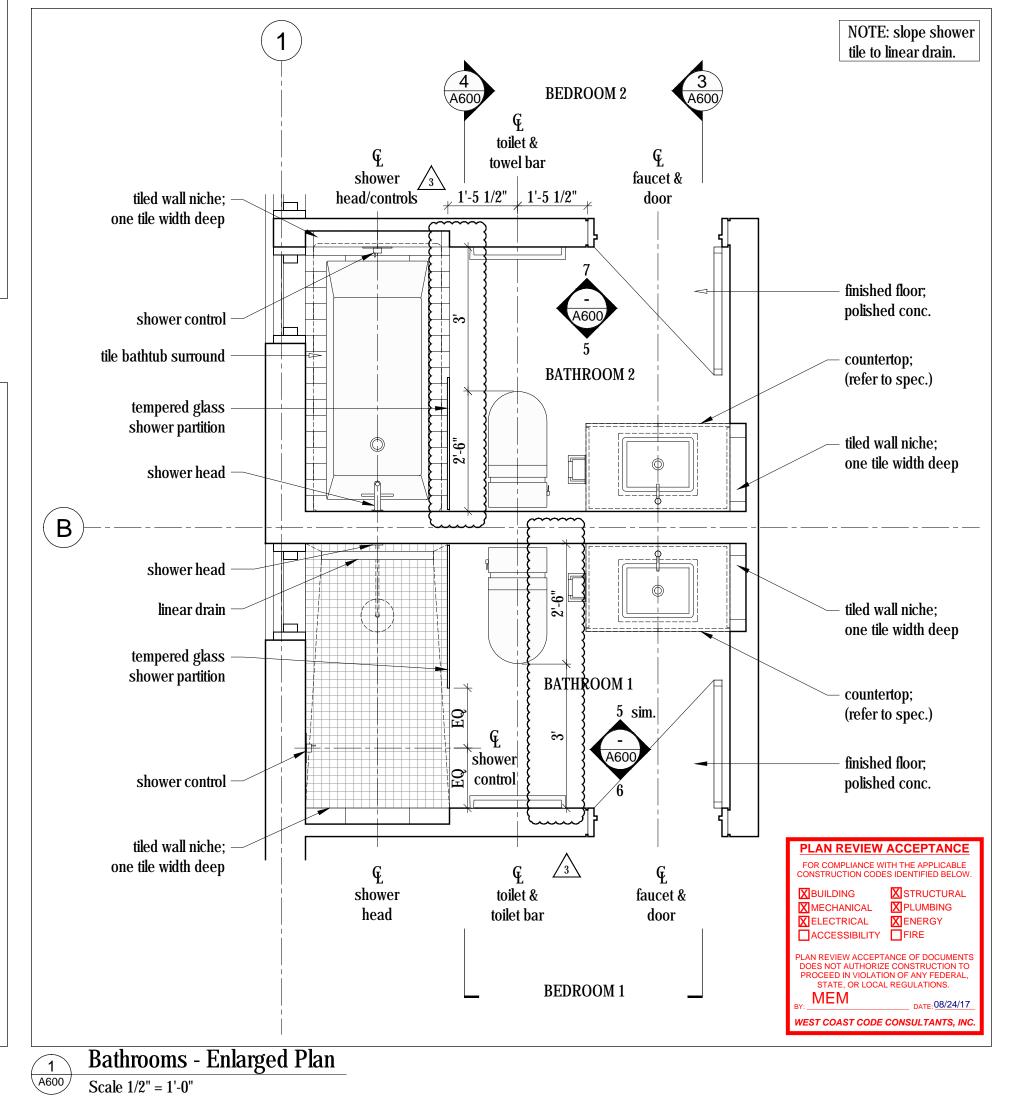
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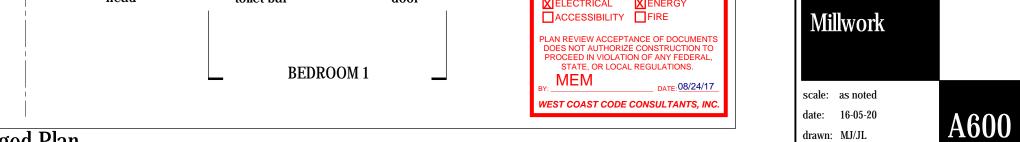
21.07.2017

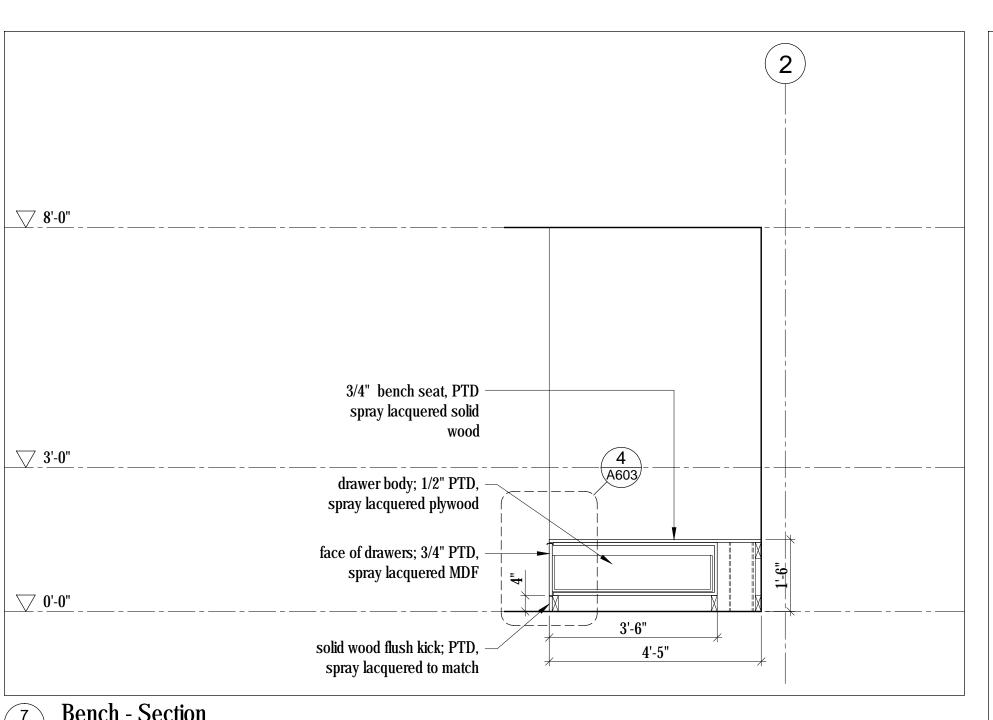
Date

Architects Limited

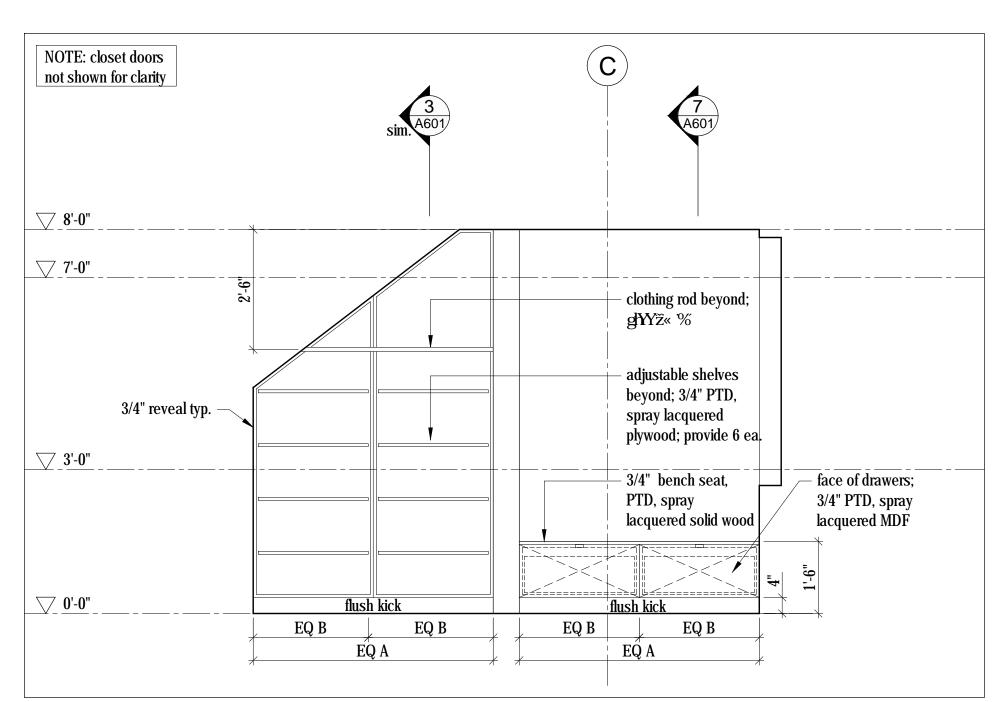
2 Bathroom \
Scale 1" = 1'-0"



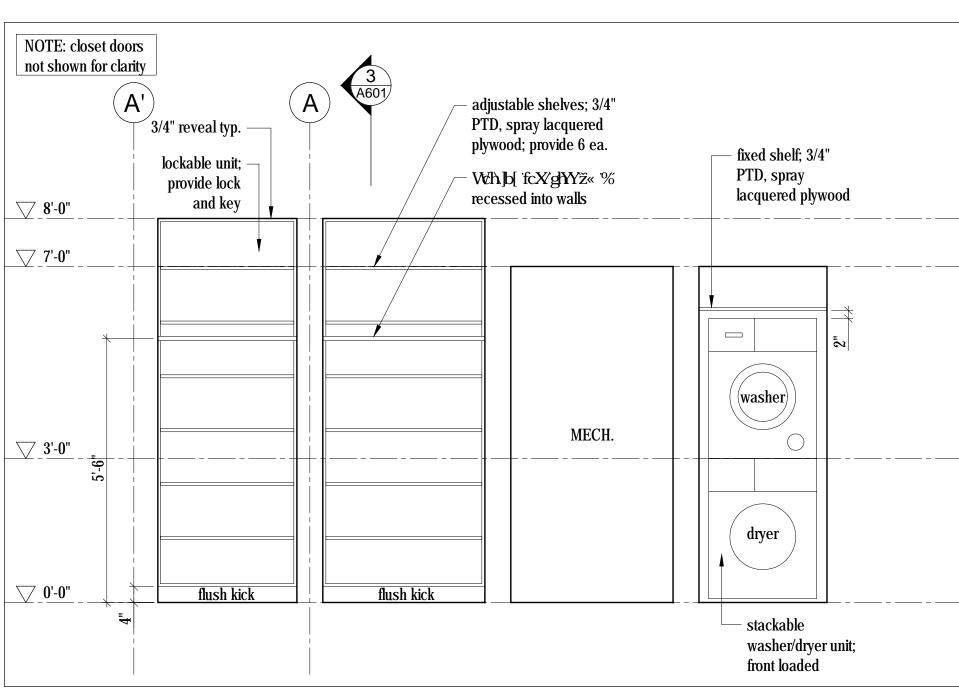




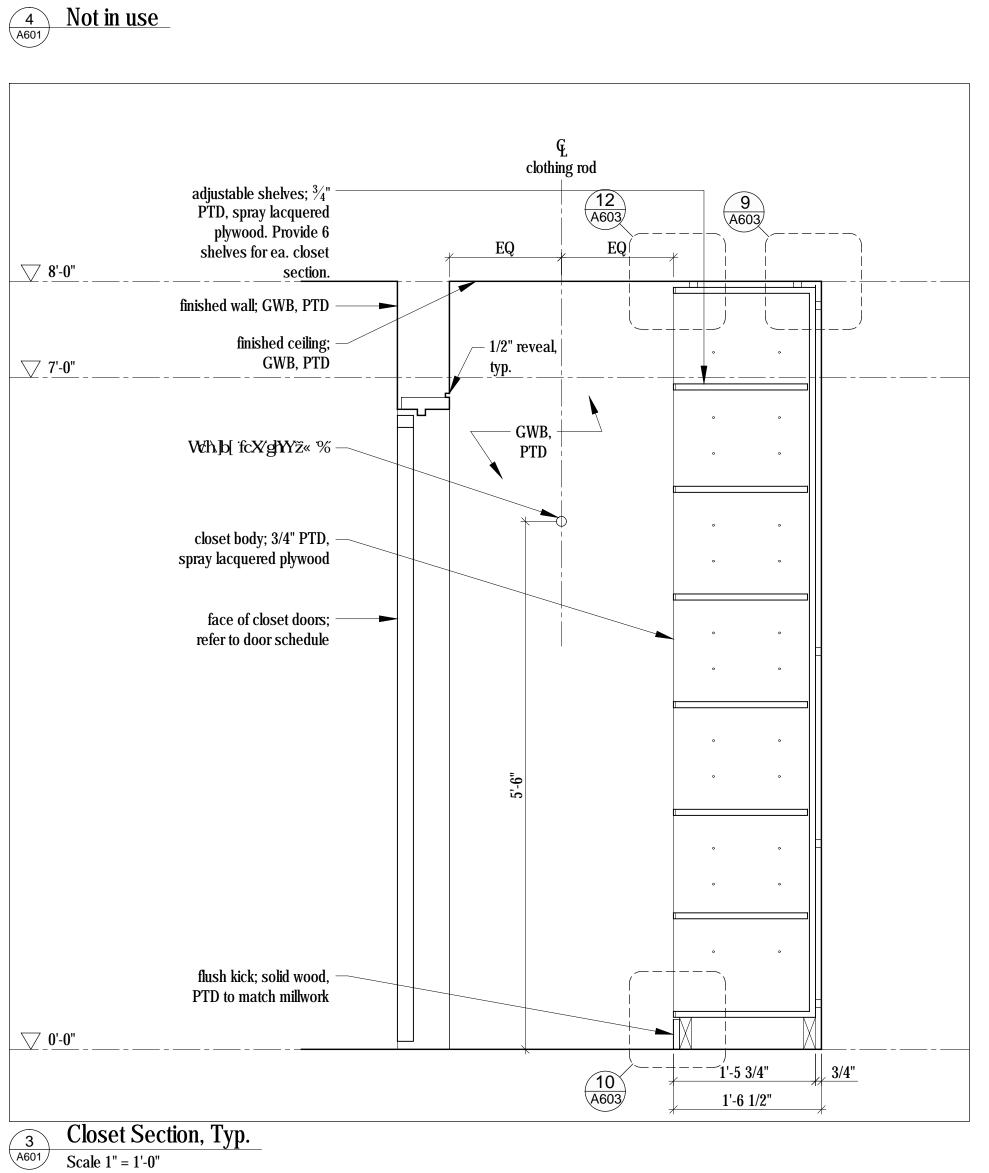
Bench - Section
Scale 1/2" = 1'-0"



Scale 1/2" = 1'-0"

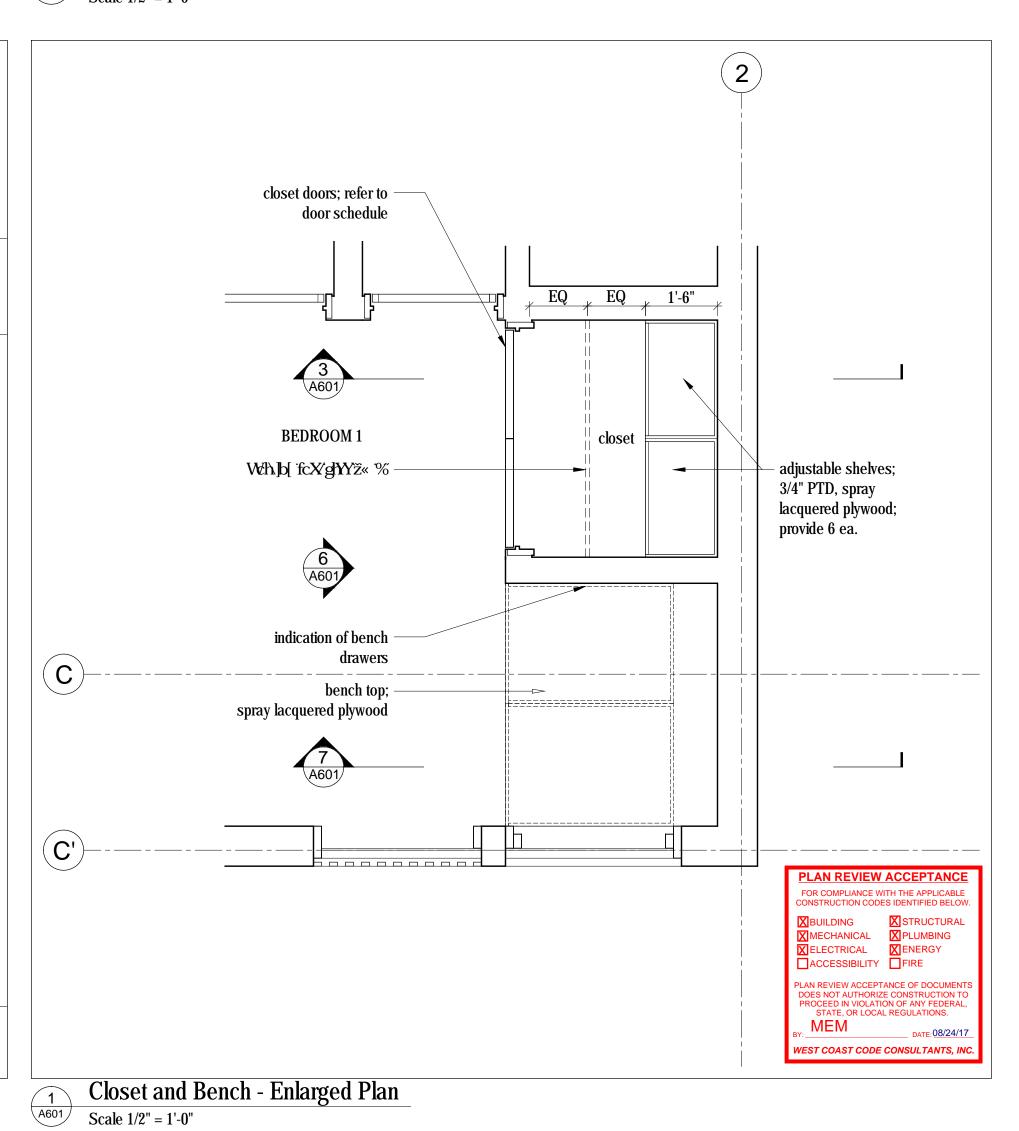


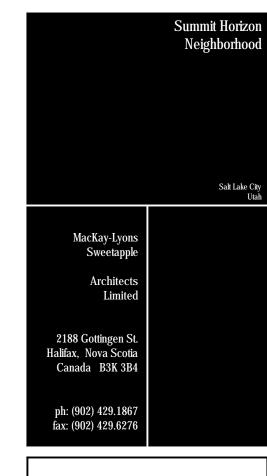
Closet - Elevation
Scale 1/2" = 1'-0"

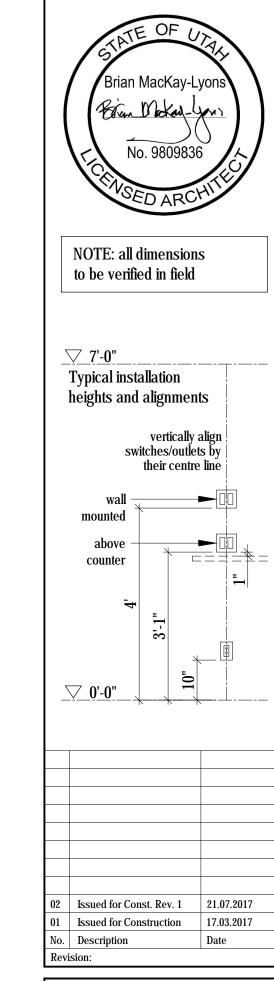


2 EQ EQ 1'-6" lockable unit; - adjustable shelves; provide lock 3/4" PTD, spray lacquered plywood; and key provide 6 clothing rod; głYYž« % - adjustable shelves; closet 3/4" PTD, spray lacquered plywood; provide 6 BEDROOM 2 MECH. face of closet doors; washer/dryer refer to door schedule fixed shelf above washer/dryer; 3/4" PTD, spray lacquered plywood STAIR CORRIDOR

Closet - Enlarged Plan Scale 1/2" = 1'-0"







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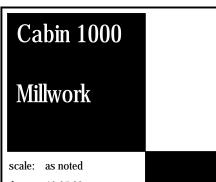
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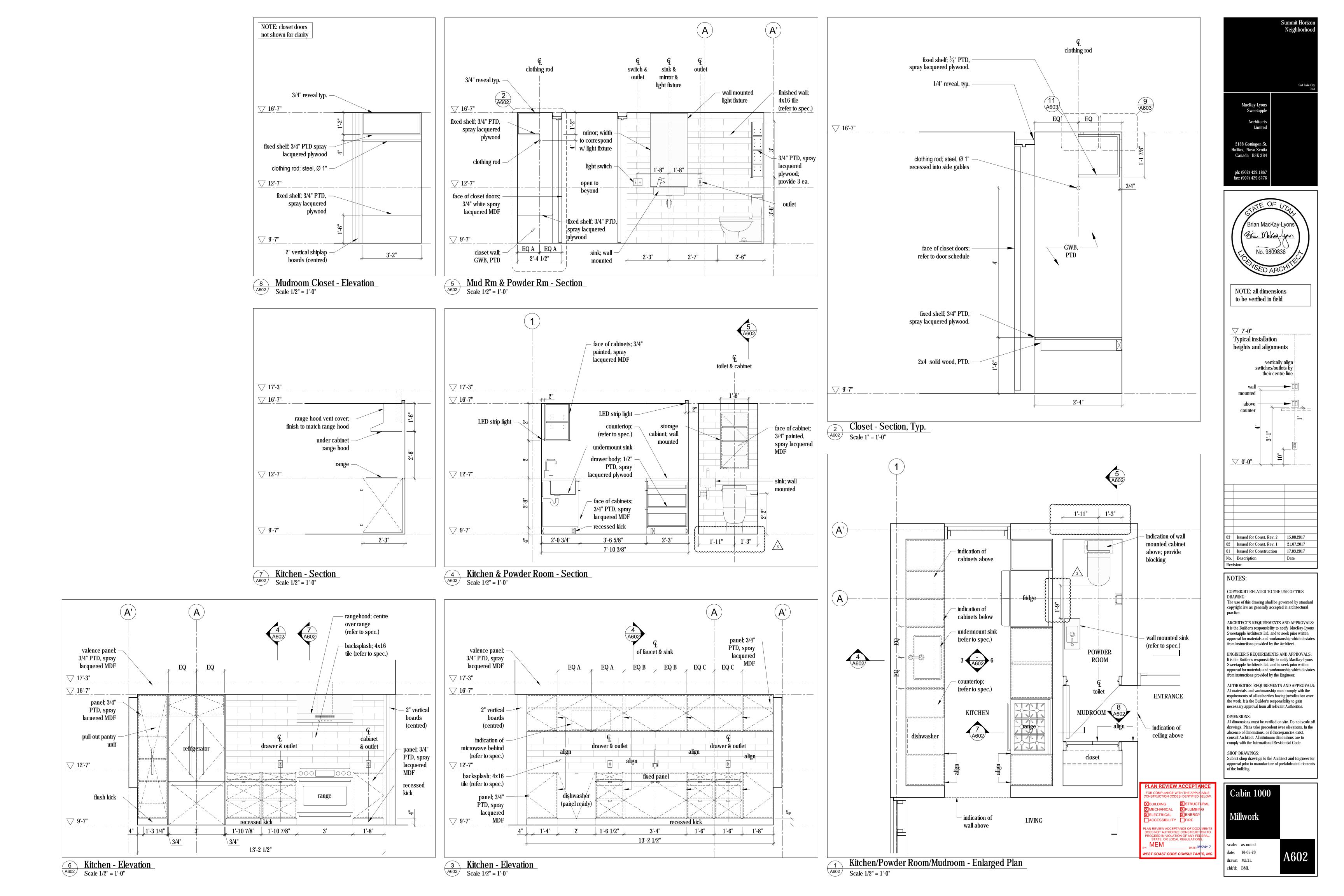
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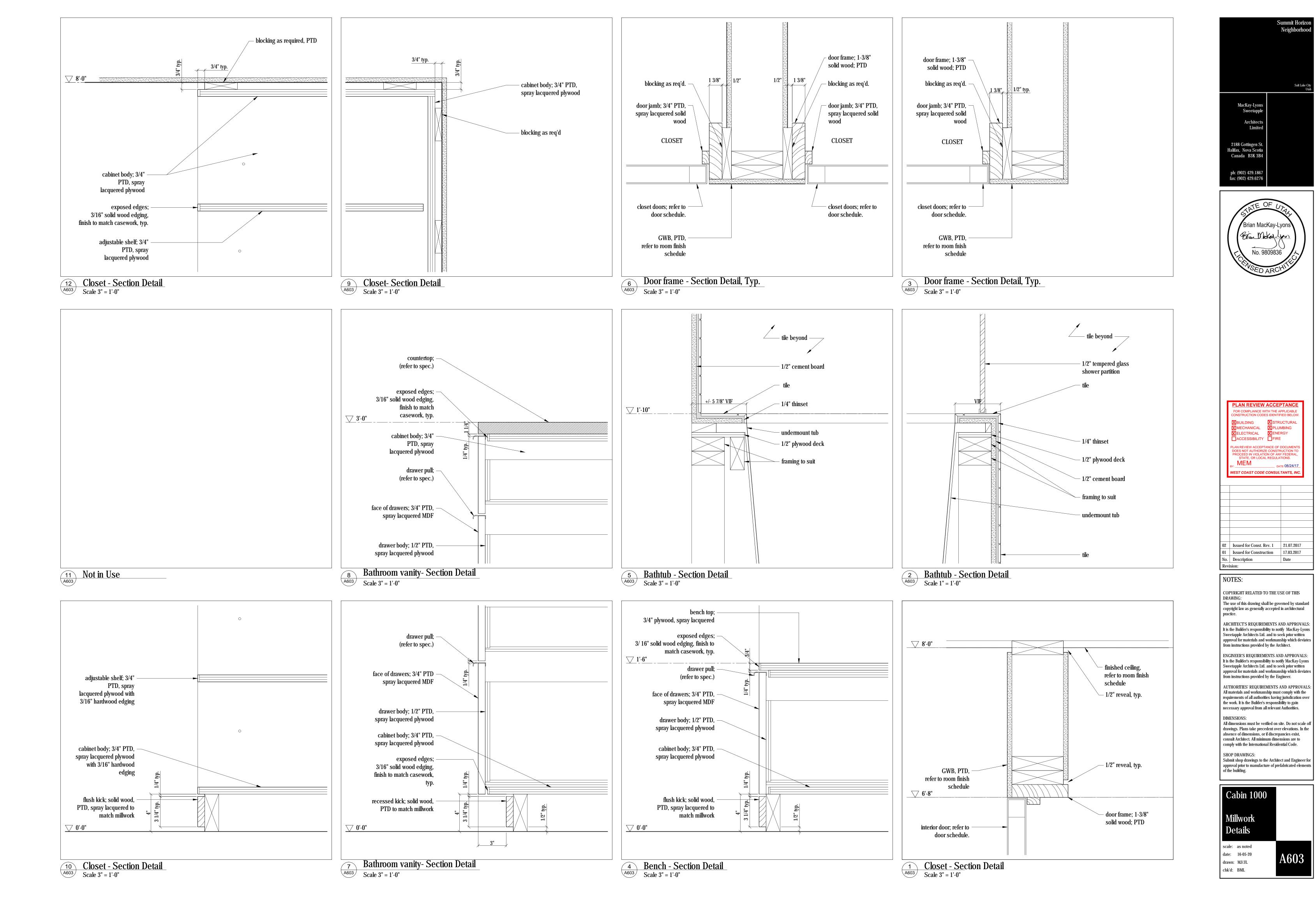
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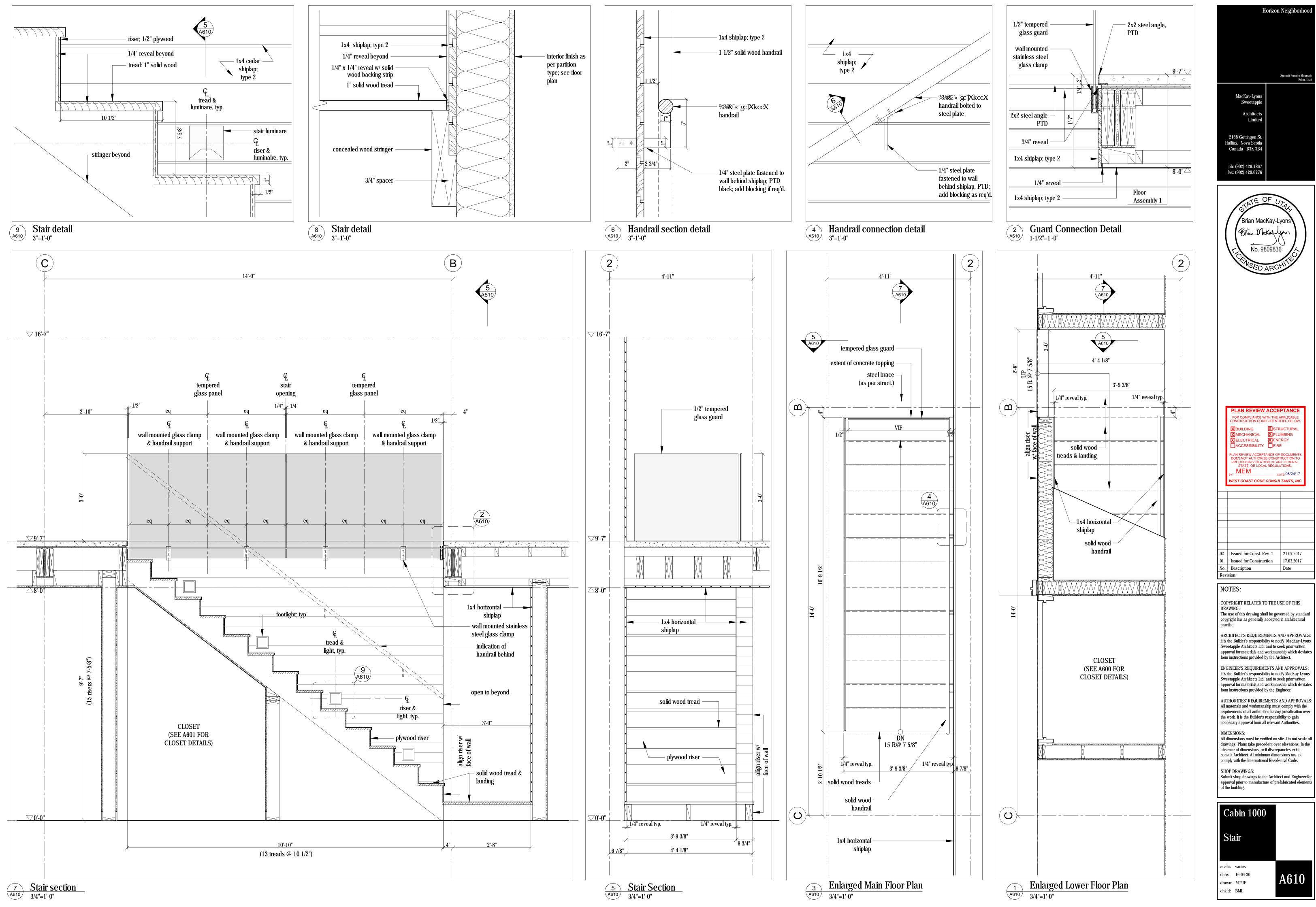
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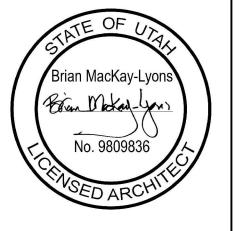
date: 16-05-20 drawn: MJ/JL chk'd: BML







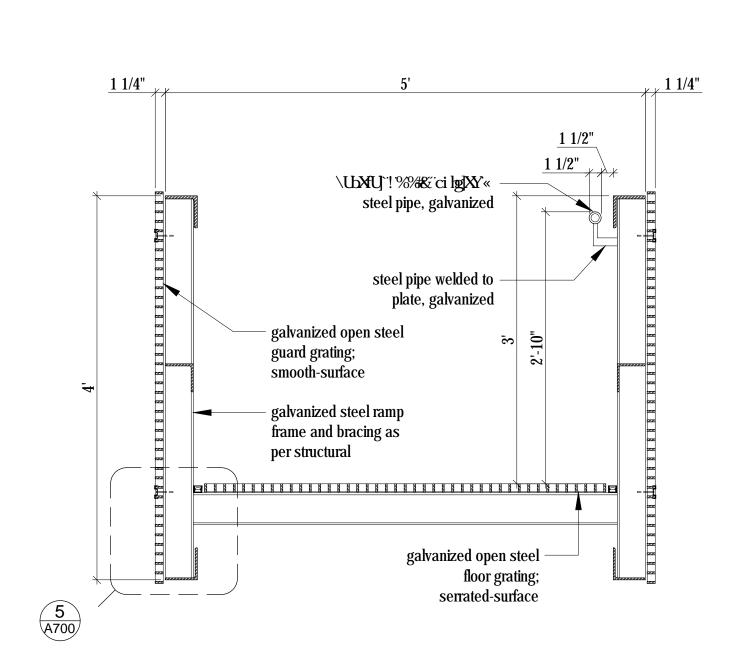
Horizon Neighborhood

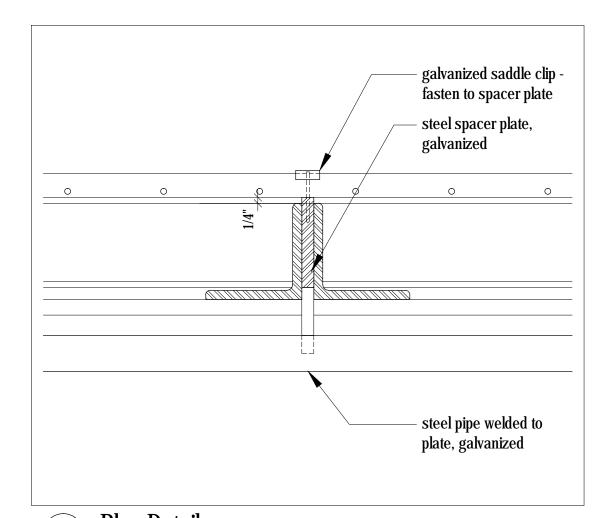


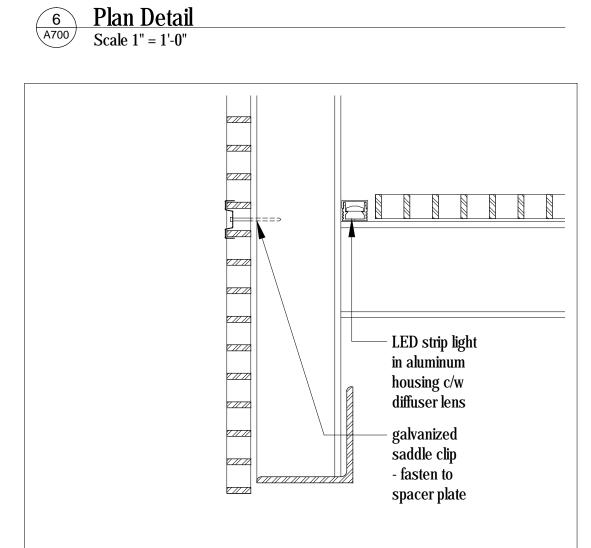
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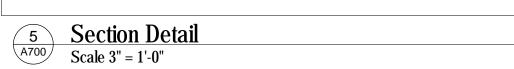
All materials and workmanship must comply with the requirements of all authorities having jurisdication over

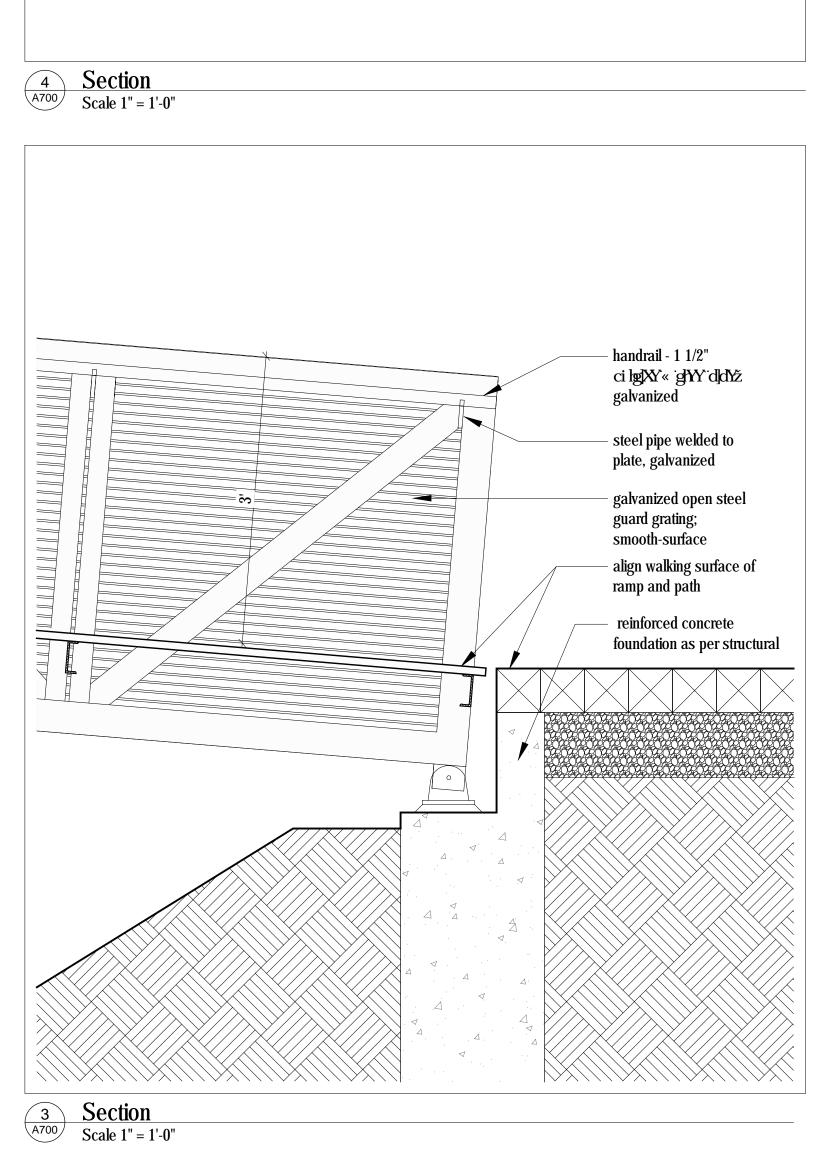
	Fin. Floor Elev.	Ramp Length	Landing Elev.	Vertical Rise	Slope (16% max)
Unit 11	8726'-0"	40'-0"	8723'-6"	2'-6"	6.25%
Unit 13	8801'-6"	40'-0"	8799'-6"	2'-0"	5%
Unit 16	8756'-0"	38'-0"	8753'-6"	2'-6"	6.6%
Unit 19	8728'-6"	stair required	8823'-6"	n/a	n/a
Unit 21	8737'-0"	40'-0"	8734'-6"	2'-6"	6.25%
Unit 26	8709'-0"	40'-0"	8706'-6"	2'-6"	6.25%
Unit 27	8727'-0"	48'-0"	8724'-6"	2'-6"	5.21%
Unit 29	8764'-6"	40'-0"	8764'-6"	0'-0"	0%

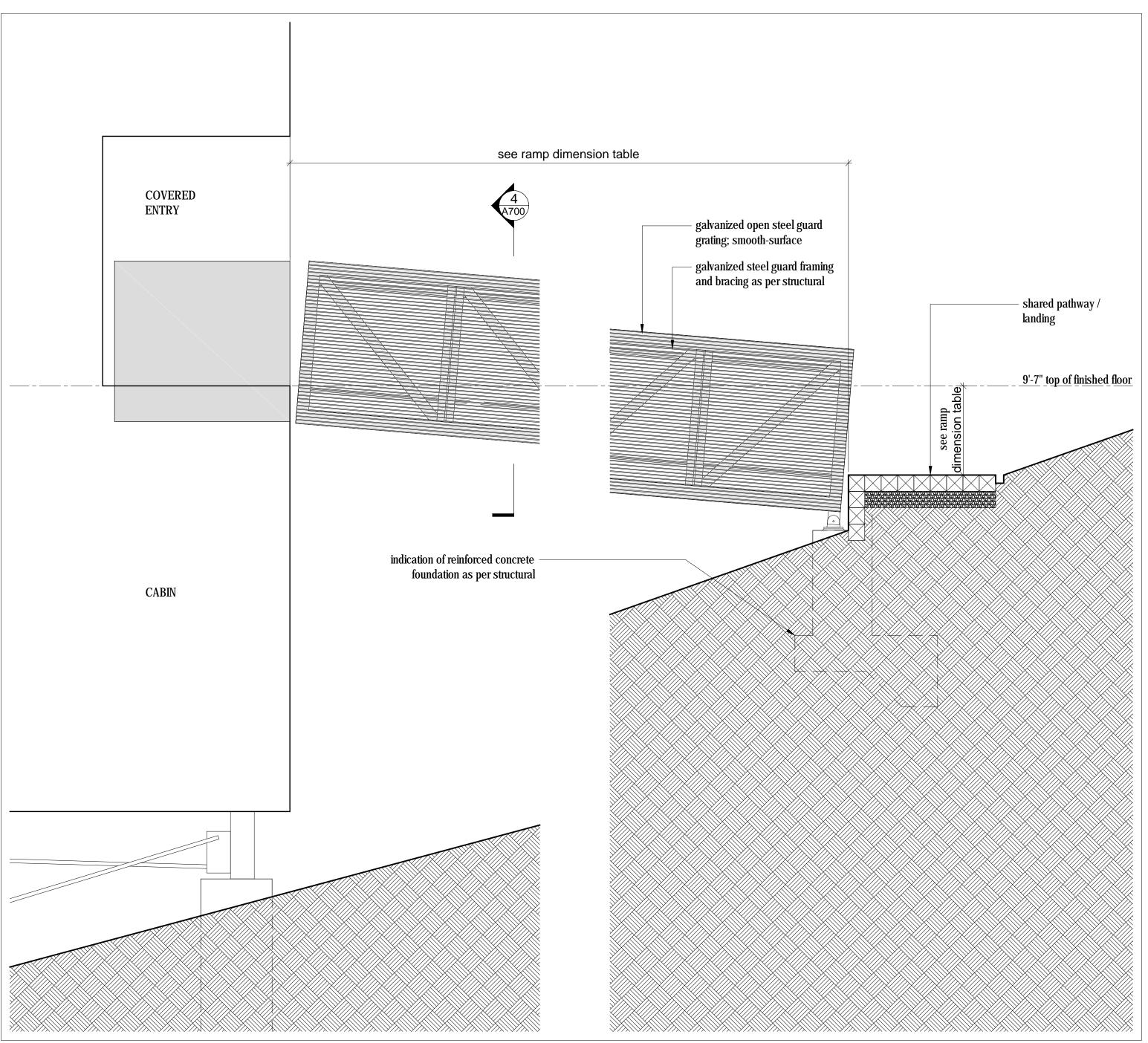






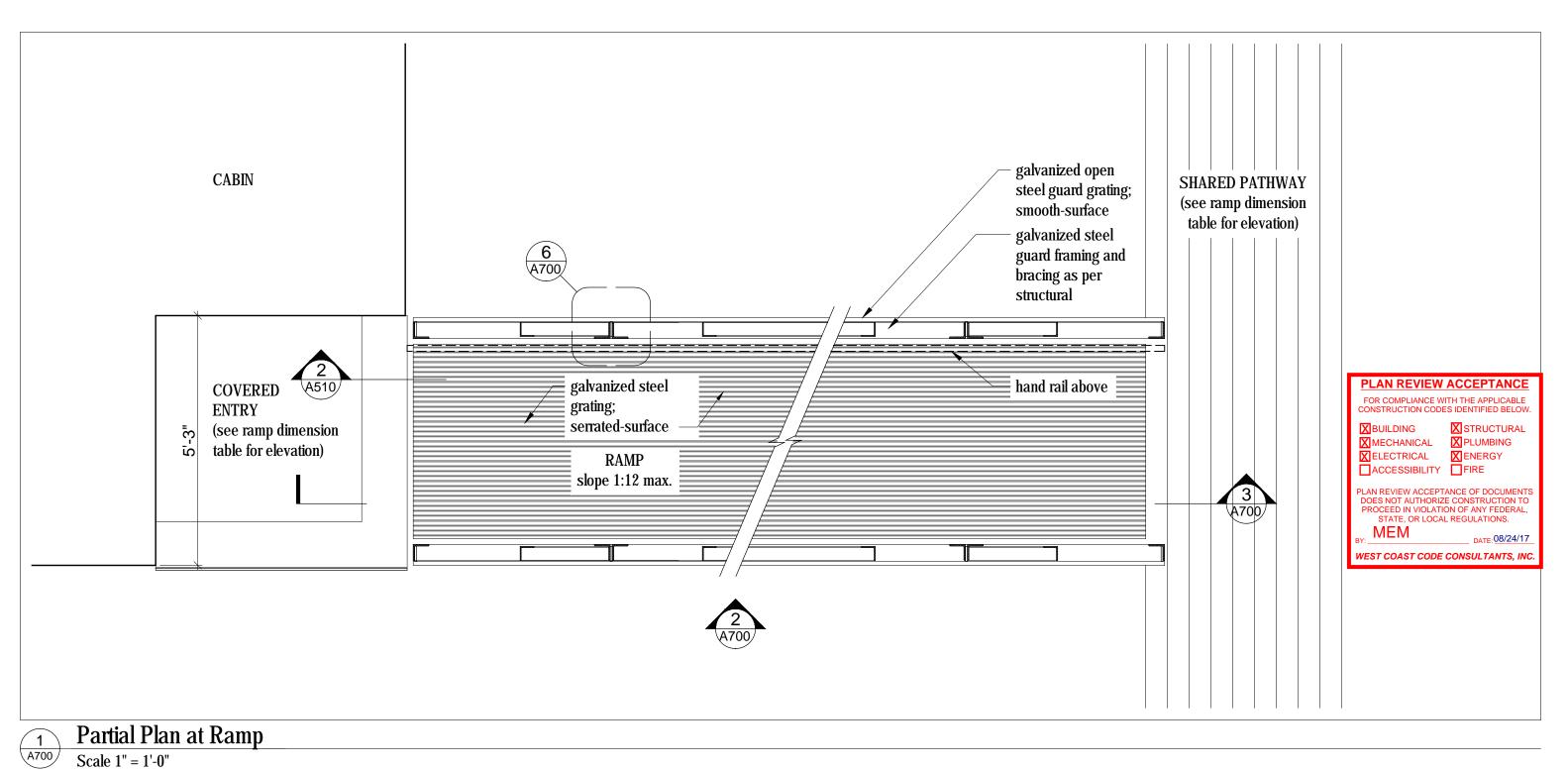






Partial Elevation @ Ramp

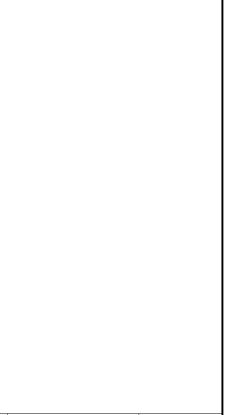
Scale 1" = 1'-0"



MacKay-Lyons Sweetapple Architects 2188 Gottingen St. Halifax, Nova Scotia Canada B3K 3B4 ph: (902) 429.1867 fax: (902) 429.6276

Brian MacKay-Lyon

Even Mokay-you



NOTES:

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Issued for Const. Rev. 1 21.07.2017 Issued for Construction 17.03.2017

ARCHITECT'S REQUIREMENTS AND APPROVALS: It is the Builder's responsibility to notify MacKay-Lyons Sweetapple Architects Ltd. and to seek prior written approval for materials and workmanship which deviates from instructions provided by the Architect.

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AUTHORITIES' REQUIREMENTS AND APPROVALS: All materials and workmanship must comply with the requirements of all authorities having jurisdication over the work. It is the Builder's responsibility to gain necessary approval from all relevant Authorities.

DIMENSIONS: All dimensions must be verified on site. Do not scale off drawings. Plans take precedent over elevations. In the absence of dimensions, or if discrepancies exist, consult Architect. All minimum dimensions are to comply with the International Residential Code.

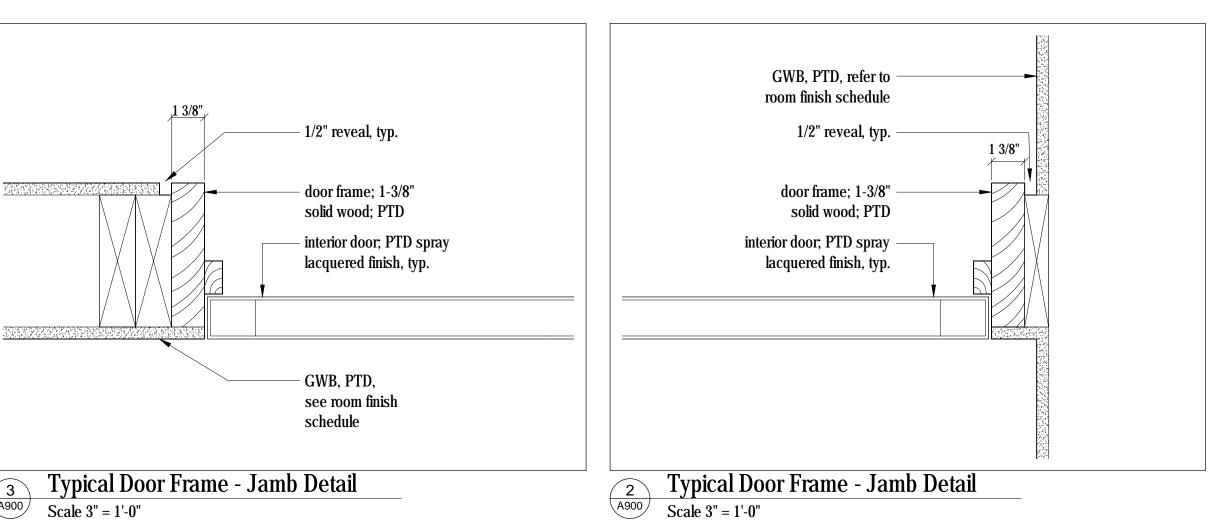
SHOP DRAWINGS:

Submit shop drawings to the Architect and Engineer for approval prior to manufacture of prefabricated elements of the building.



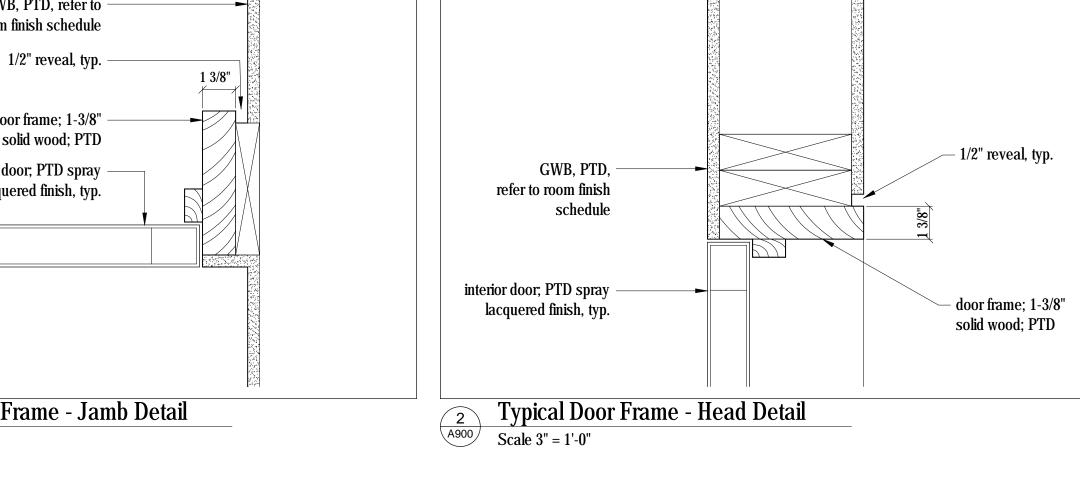
scale: varies date: 16-05-24

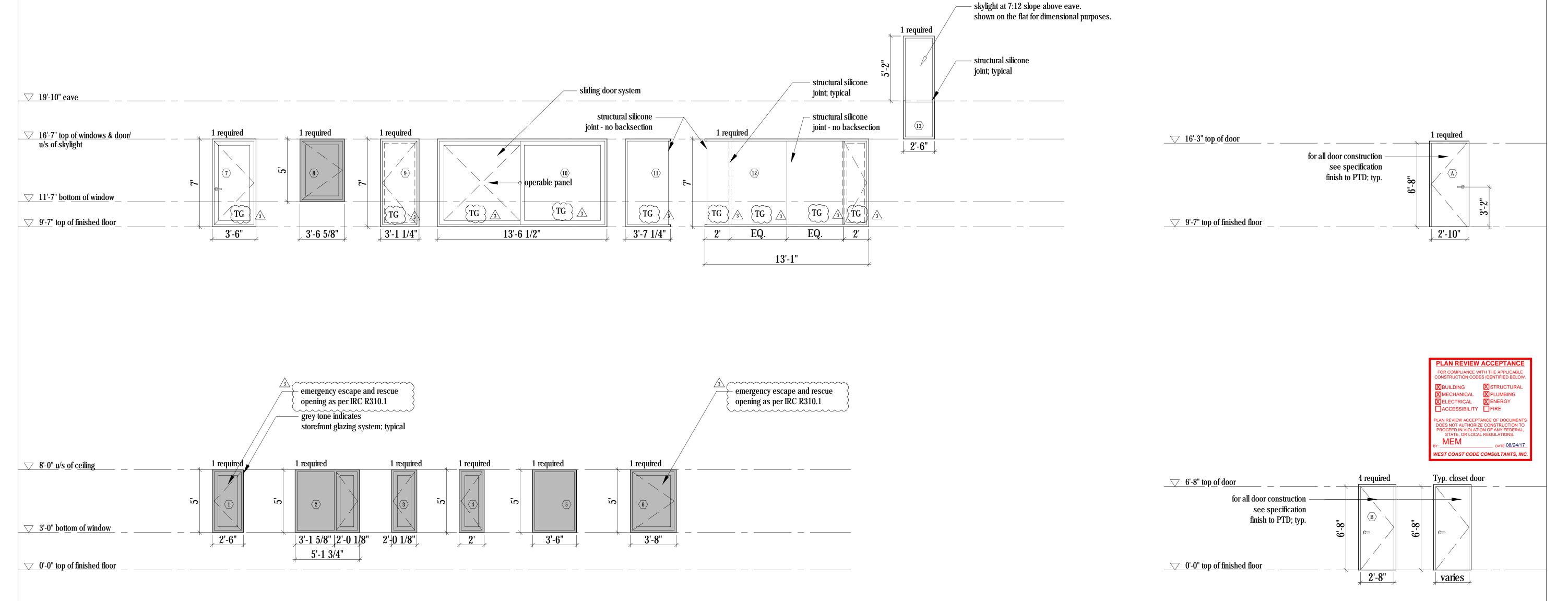
drawn: MJ/DP chk'd: BML



1/2" reveal, typ. GWB, PTD, refer to room finish schedule interior door; PTD spray - door frame; 1-3/8" lacquered finish, typ. solid wood; PTD

Typical Door Frame - Jamb Detail Scale 3" = 1'-0"





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Curtainwall window frames to be OLDCASTLE RELIANCE - SS series

Casement Operators in Curtainwall window frames to be OLDCASTLE

ZERO SIGHTLINE SERIES 30P clear anodized aluminum finish, 0.32

THERMAL MULTIPLANE series clear anodized aluminum finish, 0.32

Casement Operators in storefront window frames to be OLDCASTLE

S-3375, 0.32 U-factor. Outswing operation typical, inswing operation

Entrance door to be OLDCASTLE AD-375 THERMAL ENTRANCE series clear anodized aluminum finish, 0.44 U-factor. Outswing.

Sliding Doors to be OLDCASTLE TerraSlide 60E - OX Slider series

deadbolt. Information to be provided as part of glazing shop drawings

Skylight to be OLDCASTLE BMS-3000 SKYLIGHT series clear

8. All glazed entry doors and sliders to have keyed entry lever and

9. The sizes are rough openings. It is the contractor's responsibility to

10. All operable windows to have screens. Review screen type with

11. All inswinging casement operators to be equipped with inswing

13. All window head / sill / jamb assembly details to be designed by window manufacturer and approved by the architect. 14. All operable windows to be outswing unless otherwise noted. 15. All joints of door cladding to align with joints of wall cladding when

16. All window dimensions in this drawing to be verified in field prior to

18. All glazing 18" or less from the finished floor to be tempered, unless

21. All U-factors shall be determined by testing in accordance with NFRC 100 and labeled as such by the manufacturer, per IECC R402.3.

17. Provide shop drawings for all windows and doors for review by

architect prior to fabrication and installation.

19. Refer to floor plans for door swing directions.

12. All window head / sill / jamb flashing to be black annodized aluminum

Storefront window frames to be OLDCASTLE SERIES 3000

clear anodized aluminum, 0.32 U-factor.

U-factor. Outswing operation typical.

U-factor. Indicated with grey tone.

clear anodized aluminum finish, 0.47 U-factor.

~anodized aluminum finish, 0.38 U-factor.~

and reviewed by architect.

determine finished frames.

architect prior to installation.

doors are in closed position.

operable screens.

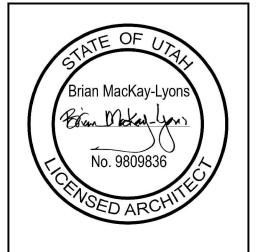
to match windows.

fabrication.

otherwise noted

20. TG indicates tempered glazing.

where indicated.



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AUTHORITIES' REQUIREMENTS AND APPROVALS: All materials and workmanship must comply with the requirements of all authorities having jurisdication over the work. It is the Builder's responsibility to gain necessary approval from all relevant Authorities.

DIMENSIONS: All dimensions must be verified on site. Do not scale off drawings. Plans take precedent over elevations. In the absence of dimensions, or if discrepancies exist, consult Architect. All minimum dimensions are to

comply with the International Residential Code. SHOP DRAWINGS:

Submit shop drawings to the Architect and Engineer for approval prior to manufacture of prefabricated elements of the building.

Cabin 1000 Window Door

drawn: MJ

chk'd: BML

Schedule scale: noted

date: 16-06-24

GENERAL STRUCTURAL NOTES

- 1. IN ALL CASES, "CONTRACTOR" SHALL REFER TO THE CONTRACTOR OR SUB-CONTRACTOR RESPONSIBLE FOR THE TRADE SPECIFICALLY REFERRED TO IN THE NOTES (i.e. STEEL, CONCRETE, MASONRY). THE "CONTRACTOR" SHALL MEET ALL NOTE REQUIREMENTS AND SHALL INCLUDE THE COSTS ASSOCIATED WITH THESE REQUIREMENTS IN HIS/HER BID. THE GENERAL CONTRACTOR, OR CONSTRUCTION MANAGER, IS ULTIMATELY RESPONSIBLE FOR COMPLIANCE WITH ALL NOTE REQUIREMENTS.
- 2. THE CONTRACTOR SHALL PERFORM HIS/HER TRADE AND DUTIES IN A MANNER CONFORMING TO THE PROCEDURES AND REQUIREMENTS AS STATED IN THE 2015 INTERNATIONAL BUILDING CODE (IBC), AND/OR LATEST CODE ADOPTED BY THE LOCAL BUILDING OFFICIAL, AND ALL LOCAL ORDINANCES.
- 3. THE GENERAL CONTRACTOR, OR PROJECT MANAGER, SHALL COORDINATE THE WORK PERFORMED BY ALL TRADES.
- 4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND/OR ARCHITECT OF ANY DISCREPANCIES, OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR THE SPECIFICATIONS BEFORE PROCEEDING WITH ANY WORK INVOLVED. IN ALL CASES, UNLESS OTHERWISE DIRECTED, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN AND BE PERFORMED
- 5. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, SLOPES AND ELEVATIONS, ETC.. AT THE JOB SITE AND SHALL COORDINATE THESE WITH THE ARCHITECT AND WITH ALL TRADES. CONSTRUCTION DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.
- 6. VISITS TO THE JOB SITE BY REPRESENTATIVES OF THE ENGINEER DO NOT CONSTITUTE APPROVAL OF THE WORK PERFORMED BY THE CONTRACTOR OR HIS SUBCONTRACTORS; THEY ARE MERELY FOR THE PURPOSE OF OBSERVATION.
- 7. SHOP DRAWINGS FOR ANY FABRICATED COMPONENTS OR COMPONENTS DESIGNED-BY-MANUFACTURER SHALL BE APPROVED BY THE ENGINEER AND ARCHITECT PRIOR TO FABRICATION AND ERECTION. SHOP DRAWINGS SHALL BE STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE SAME STATE AS THE PROJECT.
- 8. THE CONTRACTOR SHALL VERIFY SIZES, LOCATIONS, LOADS, AND EQUIPMENT ANCHORAGE IN THE FIELD WITH THE EQUIPMENT MANUFACTURER (OR SUPPLIER) PRIOR TO FABRICATION OR INSTALLATION OF SUPPORTING STRUCTURES.
- 9. TEMPORARY SHORING (BRACING) SHALL BE PROVIDED WHERE NECESSARY. SHORING SHALL SUPPORT ALL LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED (i.e. WIND). SHORING SHALL REMAIN IN PLACE AS LONG AS MAY BE REQUIRED FOR SAFETY OR UNTIL ALL THE STRUCTURAL ELEMENTS ARE COMPLETED. ALL SHORING IS THE RESPONSIBILITY OF THE CONTRACTOR
- 10. DURING AND AFTER CONSTRUCTION, THE CONTRACTOR AND OWNER SHALL KEEP LOADS ON THE STRUCTURE WITHIN THE LIMITS OF THE DESIGN LOADS FOR THE OCCUPANCY. SEE STRUCTURAL PLANS AND CALCULATIONS FOR STRUCTURAL DESIGN LOADINGS AND
- 11. ANY SPECIAL INSPECTION REQUIRED BY THE CONSTRUCTION DOCUMENTS, OR BY THE BUILDING OFFICIAL, OR BY THE IBC, IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ON BEHALF OF THE OWNER.
- 12. CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY AND PROTECTION WITHIN AND ADJACENT TO THE JOB SITE.
- 13. PRIOR APPROVAL, IN WRITING, FROM THE ENGINEER IS REQUIRED FOR ANY DEVIATION FROM THE STRUCTURAL PLANS AND/OR CONSTRUCTION DOCUMENTS. OPTIONAL MEMBER SIZES AND VARIATIONS IN THE FRAMING REQUIRE PRIOR APPROVAL OF THE ENGINEER, ARCHITECT AND OWNER. FAILURE TO FOLLOW PLANS AND CONSTRUCTION DOCUMENTS CONSTITUTES CHANGE IN PROJECT SCOPE.
- 14. SEE STRUCTURAL PLANS FOR ADDITIONAL STRUCTURAL NOTES AND REQUIREMENTS.

THE CHANGED PORTION HAS NOT HAPPENED.

- 15. THE ENGINEER RESERVES THE RIGHT TO REQUEST REPLACEMENT OF ANY PORTION OF THE STRUCTURE DEVIATING FROM THE PLANS WHERE WRITTEN PRIOR APPROVAL HAS NOT BEEN OBTAINED AND WHERE INSPECTION BY THE ENGINEER PRIOR TO CONSTRUCTION OF
- 16 ALL SITE WORK, GRADING, COMPACTION AND BACKFILL, ETC. SHALL BE DONE IN COMPLIANCE WITH A GEOTECHNICAL REPORT SPECIFIC TO THE SITE. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO OBTAIN A GEOTECHNICAL REPORT. IF ONE HAS NOT ALREADY BEEN OBTAINED, AND SUBMIT A COPY TO THE ENGINEER FOR VERIFICATION.
- 17. ALL ANCHORING ADHESIVE SHALL BE SIMPSON SET-XP EPOXY OR HILTI HIT-HY200 MAX-SD ADHESIVE. ANCHORS SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS.
- 18. ALL NON-EPOXIED POST-INSTALLED ANCHORS TO BE SIMPSON STRONG-BOLT 2 WEDGE ANCHORS, TITEN HD SCREW ANCHORS, HILTI KWIK HUS-EZ SCREW ANCHORS, OR HILTI KWIK BOLT TZ ANCHORS.
- 19. FASTENERS AND ANCHOR BOLTS USED IN PRESERVATIVE-TREATED WOOD SHALL BE HOT DIPPED ZINC-COATED GALVANIZED STEEL. THE COATING WEIGHTS SHALL BE IN ACCORDANCE WITH ASTM A 153.

GENERAL CONCRETE NOTES

- 1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
- 2. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH THE 2015 IBC, ACI 318, AND LOCAL ORDINANCES.
- 3. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO PLACING
- 4. CONTRACTOR SHALL COORDINATE WITH MECHANICAL, ELECTRICAL, AND ARCHITECTURAL PRIOR TO PLACING CONCRETE. PROVIDE SLEEVES, BLOCK OUTS, ETC... AS REQUIRED.
- 5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PLACEMENT OF ALL ANCHOR BOLTS, SEISMIC ANCHORS OR STRAPS. ETC.. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- 6. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL FORM WORK, POUR STOPS, ETC. REQUIRED TO CONSTRUCT ALL CONCRETE WORK. SUCH FORM WORK IS NOT NECESSARILY SHOWN ON THE STRUCTURAL PLANS OR DETAILS. THE CONTRACTOR SHALL SPECIFY ALL FORM WORK AND SHALL INCLUDE THE COST FOR SUCH IN HIS/HER ORIGINAL BID.
- 7. CONTRACTOR SHALL PROVIDE ALL SHORING AS REQUIRED.
- 8. FOOTINGS, FOUNDATION AND SLABS ON GRADE SHALL BE CONSTRUCTED ON PROPERLY COMPACTED NATURAL SOIL, OR ON STRUCTURAL FILL.
- 9. SEE FOUNDATION PLAN FOR ADDITIONAL NOTES AND REQUIREMENTS.

CONCRETE & REINFORCEMENT

- 10. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS FLAT SLABS, FOUNDATION WALLS, AND CONCRETE RETAINING WALLS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI. A COMPRESSIVE STRENGTH OF 2500 PSI HAS BEEN USED FOR CONCRETE DESIGN.
- 11. SEE PROJECT SPECIFICATIONS FOR CONCRETE DESIGN REQUIREMENTS.
- 12. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO THE STANDARD SPECIFICATIONS ASTM A615 GRADE 60. REINFORCING STEEL SHALL BE PROPERLY TIED INTO PLACE PRIOR TO PLACING CONCRETE.
- 13 ALL REINFORCING STEEL SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH THE ACI DETAILING MANUAL AND ACI STANDARDS (LATEST EDITION).
- 14. ALL SPLICES IN CONTINUOUS CONCRETE REINFORCING BARS SHALL LAP A MINIMUM OF 40 BARdiaS. ALL SPLICES SHALL BE MADE IN A COMPRESSION ZONE UNLESS NOTED. ALL CONTINUOUS REINFORCING SHALL TERMINATE WITH A 90 DEG. BEND OR WITH SEPARATE

CORNER BARS.

- 15. SEE FOUNDATION WALL SCHEDULE, OR FOUNDATION PLAN, FOR SPECIFICATION OF FOUNDATION WALL REINFORCEMENT.
- 16. FOUNDATION WALLS HAVE BEEN DESIGNED USING AN EQUIVALENT FLUID PRESSURE. SEE STRUCTURAL PLANS AND CALCULATIONS FOR ACTUAL FLUID PRESSURE USED.
- 17. BACKFILL ADJACENT TO FOUNDATION WALLS OR IN LANDSCAPED AREAS SHALL BE PLACED IN LOOSE LIFTS A MAXIMUM OF EIGHT INCHES (8"). FILL SHALL HAVE A MOISTURE CONTENT WITHIN 2% OF OPTIMUM AND SHALL BE COMPACTED TO AT LEAST 90% MAXIMUM DENSITY (ASTM D 1557). HEAVY EQUIPMENT SHALL NOT BE USED TO BACKFILL WITHOUT PRIOR CONSENT OF THE ENGINEER.
- 18. THE CONTRACTOR SHALL COORDINATE STEPS IN WALLS WITH THE ARCHITECT, AND SHALL VERIFY WITH THE ENGINEER.

FOOTINGS

- 19. SEE FOOTING SCHEDULE FOR FOOTING SIZES AND REINFORCING REQUIREMENTS.
- 20. FOOTINGS HAVE BEEN DESIGNED USING AN ALLOWABLE BEARING PRESSURE. SEE STRUCTURAL PLANS AND CALCULATIONS FOR ACTUAL BEARING PRESSURE USED.
- 21. ALL EXTERIOR FOOTINGS SHALL BEAR BELOW FROST DEPTH. CONTRACTOR TO VERIFY.
- 22. THE CONTRACTOR SHALL COORDINATE STEPS IN FOOTINGS WITH THE ARCHITECT, AND SHALL VERIFY WITH THE ENGINEER.

GENERAL STEEL NOTES

- 1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
- 2. ALL WORK TO BE IN STRICT ACCORDANCE WITH THE 2015 IBC, AISC, AND LOCAL ORDINANCES.
- 3. ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO
- 4. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- 5. SEE ARCHITECTURAL SHEETS FOR DECK BEARING ELEVATIONS. STRUCTURAL STEEL DETAILER SHALL DETERMINE ALL BEARING PLATE ELEVATIONS FROM ARCHITECTURAL DECK ELEVATIONS
- 6. SEE ARCHITECTURAL SHEETS FOR ADDITIONAL DIMENSIONS.
- 7. SEE ARCHITECTURAL FOR ACCESS HATCHES, DRAFT STOPS, ETC.
- 8. SUBMIT SHOP DRAWINGS OF ALL STRUCTURAL STEEL, STEEL JOISTS, STEEL DECKING & MISCELLANEOUS STEEL TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
- 9. SEE FRAMING PLANS FOR ADDITIONAL NOTES AND REQUIREMENTS.

STRUCTURAL STEEL

- 10. ALL WIDE FLANGE MEMBERS TO BE MANUFACTURED UNDER ASTM A992.
- 11. ALL STRUCTURAL PLATES, CHANNELS & ANGLES TO BE MANUFACTURED UNDER ASTM A36
- 12. ALL HSS MEMBERS TO BE MANUFACTURED UNDER ASTM A500 GRADE B.
- 13. ALL PIPE COLUMNS TO BE MANUFACTURED UNDER ASTM A53 GRADE B.
- 14. ALL BOLTS FOR STEEL TO STEEL CONNECTIONS TO BE 3/4" DIA. MIN. A325-N HIGH STRENGTH BOLTS, UNLESS NOTED OTHERWISE. BOLTS EMBEDDED IN CONCRETE OR MASONRY SHALL BE F1554 GRADE 36 UNLESS NOTED OTHERWISE.
- 15. ALL JOIST WELDS TO BE E7024. ALL DECK WELDS TO BE E6022. ALL WELDS FOR SEISMIC SPECIFIC CONNECTIONS TO BE E7018. ALL OTHER WELDS TO BE 70 KSI MIN. ALL WELDS SHALL BE BY A CERTIFIED WELDER.
- 16. ALL WELDS AND BOLTING TO MEET APPROVAL OF SPECIAL INSPECTOR AS REQUIRED BY BUILDING OFFICIAL.
- 17 ALL STEEL SHALL BE PROPERLY PRIMED EXCEPT AREAS THAT REQUIRE FIELD WELDING (i.e. TOP OF BEAMS).
- 18. ALL STEEL BEAMS USED AS GIRDERS SHALL HAVE WEB STIFFENERS EACH SIDE OF WEB AT BEARING ENDS AND AT CONCENTRATED LOADS. STIFFENER TO BE SAME THICKNESS AS WEB OF BEAM-TYPICAL. STEEL BEAMS USED AS JOISTS DO NOT REQUIRE WEB STIFFENERS
- 19. SEE ARCHITECTURAL, MECHANICAL & ELECTRICAL FOR ADDITIONAL STEEL MEMBERS (BRACKETS, ANGLES, ETC...) REQUIRED.
- 20. STEEL MEMBERS SHALL NOT BE CUT, DRILLED OR TORCHED FOR PIPES, ETC. UNLESS SPECIFICALLY DETAILED.
- 21. ANY MODIFICATION OF STRUCTURAL MEMBERS NOT SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS IS NOT PERMITTED WITHOUT PRIOR APPROVAL
- 22. ANY CONNECTIONS NOT DETAILED ON STRUCTURAL PLANS SHALL BE PROVIDED BY THE STEEL DETAILER. SHOP DRAWINGS FOR ALL FABRICATED STEEL CONNECTIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION.

GENERAL WOOD FRAMING NOTES

- 1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
- 2. ALL WORK TO BE IN STRICT ACCORDANCE WITH THE 2015 IBC, NDS, AND LOCAL

DIMENSIONAL LUMBER

- DIMENSIONAL LUMBER USED AS STRUCTURAL FRAMING (i.e. JOISTS, RAFTERS, HEADERS) SHALL BE DOUGLAS FIR-LARCH № 2 OR EQUAL.
- . DIMENSIONAL LUMBER USED FOR STUD WALLS SHALL BE STUD GRADE UNLESS NOTED OTHERWISE. STUDS SHALL BE SPACED AT 16" O.C. MINIMUM, WITH A DOUBLE TOP PLATE. SPLICES IN THE DOUBLE TOP PLATE SHALL ALTERNATE TOP & BOTTOM AND SHALL LAP 48" MIN.
- 6. ROUGH CUT TIMBER USED AS STRUCTURAL FRAMING SHALL BE AS SPECIFIED IN THE CONSTRUCTION DOCUMENTS.

ENGINEERED LUMBER

- 6. GLU-LAMINATED BEAMS FOR SIMPLE SPANS SHALL BE 24F-V4 DF/DF. GLU-LAMINATED BEAMS FOR CONTINUOUS SPANS AND CANTILEVERS SHALL BE 24F-V8 DF/DF. DO NOT INSTALL GLU-LAMINATED BEAMS UPSIDE DOWN.
- LAMINATED VENEER LUMBER AND THE LIKE SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS. LVL BEAMS SHALL BE BUILT UP w/ 1 3/4" MEMBERS. SEE FRAMING PLANS FOR NUMBER OF MEMBERS REQUIRED.
- 8. I-JOISTS SHALL BE TJI OR EQUIVALENT, AND SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS.
- 9. ENGINEERED LUMBER, WITH THE EXCEPTION OF EXTERIOR GRADE GLU-LAMINATED LUMBER, SHALL NOT BE USED IN EXTERIOR APPLICATIONS.
- 10. USE PRESSURE TREATED LUMBER FOR ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY IN CONTACT WITH EARTH (i.e. MUD SILL). IN SOME SITUATIONS, 26 GAUGE GALVANIZED SHEET METAL MAY BE PROVIDED AS AN APPROVED MOISTURE BARRIER. SEE ENGINEER FOR APPROVAL OF THIS OPTION.

BLOCKING, BRIDGING & MISCELLANEOUS

- 11. DIMENSIONAL JOISTS AND RAFTERS SHALL HAVE FULL-HEIGHT SOLID BLOCKING AT THEIR BEARING POINTS. EACH RAFTER AND/OR ROOF TRUSS SHALL BE ANCHORED WITH SIMPSON H1 ANCHORS AT EACH END.
- 12. I-JOISTS AND RAFTERS SHALL HAVE FULL-HEIGHT SOLID BLOCKING AT THEIR BEARING POINTS. CONNECT EACH BLOCK TO TOP OF EXTERIOR WALLS WITH SIMPSON A34 CLIPS EACH JOIST OR RAFTER SHALL BE ANCHORED WITH SIMPSON H2.5 ANCHORS AT EACH END.
- 13. WOOD MEMBERS SHALL NOT BE CUT FOR PIPES, ETC. UNLESS SPECIFICALLY DETAILED
- 14. BIRDS MOUTHS AND/OR NOTCHING OF STRUCTURAL MEMBERS NOT SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS IS NOT PERMITTED WITHOUT PRIOR APPROVAL.

- 15. ALL COLUMNS SHALL EXTEND DOWN THROUGH THE STRUCTURE TO THE FOUNDATION. COLUMNS SHALL BE BRACED AT EACH FLOOR LEVEL. COLUMNS SHALL BE AS WIDE AND DEEP AS THE MEMBER THEY SUPPORT IN ORDER TO PROVIDE FULL BEARING.
- 16. STAND ALONE POSTS SHALL BE DOUGLAS FIR-LARCH № 10R EQUAL.
- 17. ALL EXTERIOR WALLS SHALL BE 2 x 6's AT 16" O.C.
- 18. ALL INTERIOR BEARING WALLS SHALL BE 2 x 6'S AT 16" O.C. UNLESS NOTED OTHER-WISE ON

FLOOR, ROOF & WALL SHEATHING

- 19. ALL ROOF SHEATHING SHALL BE 5/8" APA EXP. 1 RATED SHEATHING OR EQUAL WITH 10d COMMON NAILS AT 6" O.C. PERIMETER, 6" O.C. PANEL EDGES AND AT 12" O.C. IN THE FIELD. PANEL EDGES ARE UNBLOCKED UNLESS NOTED OTHERWISE ON THE STRUCTURAL PLANS.
- 20. ALL FLOOR SHEATHING TO BE 3/4" THICK T&G SHEATHING GLUED AND NAILED WITH 10d COMMON NAILS OR EQUAL AT 6" O.C. PERIMETER, 6" O.C. PANEL EDGES AND AT 10" O.C. IN THE FIELD. PANEL EDGES ARE UNBLOCKED UNLESS NOTED OTHERWISE ON THE STRUCTURAL PLANS.
- 21. ALL EXTERIOR WALLS SHALL BE SHEATHED WITH 7/16" APA EXP. 1 RATED SHEATHING OR EQUAL WITH 8d COMMON NAILS AT 6" O.C. EDGES AND AT 12" O.C. IN THE FIELD - FLAT BLOCKED AT ALL PANEL EDGES, UNLESS NOTED OTHERWISE IN SHEAR WALL SCHEDULE

STRUCTURAL CONNECTIONS

- 22 THE CONTRACTOR IS ULTIMATELY RESPONSIBLE TO PROVIDE ADEQUATE STRUCTURAL CONNECTIONS. CONNECTIONS MUST CARRY THE BEARING CAPACITY OF THE MEMBER AND ANY UPLIFT OR SEISMIC FORCES GENERATED IN THE MEMBER. SPECIAL CONSIDERATION SHALL BE GIVEN TO PREVENT CRUSHING OF THE MEMBER AT BEARING, SPLITTING AND/OR CRACKING OF THE WOOD, AND THE LIKE.
- 23. THE CONTRACTOR SHALL STRICTLY ADHERE TO THE CONNECTION DETAILS SPECIFIED ON THE PLANS OR INCLUDED WITH THE CONSTRUCTION DOCUMENTS. PRIOR APPROVAL IS REQUIRED FOR ANY DEVIATION FROM THE CONSTRUCTION DOCUMENTS.
- 24. SUBSTITUTION OF CONNECTIONS OTHER THAN THOSE SPECIFIED ON THE PLANS REQUIRES PRIOR APPROVAL. THE ENGINEER IS NOT RESPONSIBLE FOR CONNECTIONS NOT APPROVED PRIOR TO CONSTRUCTION OR INSTALLATION.
- 25. IF CONNECTION DETAILS, APPROVED BY THE ENGINEER, HAVE NOT BEEN PROVIDED IN THE CONSTRUCTION DOCUMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SPECIFY AND PROVIDE ALL STRUCTURAL CONNECTIONS. IF OTHER THAN STANDARD CONNECTIONS ARE REQUIRED, SEE ENGINEER FOR ADDITIONAL ASSISTANCE.
- 26. USE SIMPSON CONNECTIONS OR EQUIVALENT. INSTALL PER MANUFACTURERS
- 27. SHOP DRAWINGS FOR ALL FABRICATED STEEL CONNECTIONS SHALL BE SUBMITTED FOR REVIEW & APPROVAL PRIOR TO FABRICATION AND INSTALLATION. SEE GENERAL STEEL
- 28. SEE GENERAL CONCRETE NOTES FOR SPECIFICATION OF ANCHOR BOLTS, ETC. IN NO CASE SHALL THE MUD SILL BE NOTCHED FOR THE INSTALLATION OF PLATE WASHERS, OR FOR ANY OTHER REASON.
- 29. ALL STRUCTURAL MEMBERS SHALL HAVE 1 3/4" MINIMUM BEARING.
- 30. FOR ADDITIONAL NAILING PATTERN, SEE SCHEDULES IN THE INTERNATIONAL BUILDING

STAIR FRAMING

31. STAIR STRINGERS SHALL BE 11 7/8" LVL's AT 16" O.C. (MAX.) w/ A MAXIMUM HORIZONTAL RUN OF 12'-0". USE 14" LVL UP TO 16'-0" RUN

GENERAL WOOD TRUSS NOTES

- 1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
- THE TRUSSES SHALL ALSO BE DESIGNED PER THE 2015 INTERNATIONAL BUILDING CODE, AND LOCAL ORDINANCES. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN AND FABRICATION OF THE PRE-ENGINEERED TRUSSES. PER THE DESIGN CRITERIA ABOVE. DESIGN MUST TAKE INTO ACCOUNT UNBALANCED SNOW LOADS, SNOW DRIFTING, INCREASED SNOW LOADS ON EAVES AND IN VALLEYS, IMPACT LOADS FROM FALLING SNOW
- 3. THE PROJECT ENGINEER, OR ENGINEER OF RECORD, IS NOT RESPONSIBLE FOR THE DESIGN OF THE PRE-ENGINEERED TRUSSES. NOR FOR THE INSTALLATION, ETC. OF THE TRUSSES. TRUSS DESIGN DRAWINGS FOR ALL WOOD TRUSSES SHALL BE SUBMITTED TO THE ENGINEER AND ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND
- 1. THE TRUSS DESIGN DRAWINGS NEED TO INCLUDE ALL SPECIFIC REQUIREMENTS DESCRIBED IN INTERNATIONAL BUILDING CODE. AS REQUIRED IN ABOVE MENTIONED CODE A LICENSED DESIGN PROFESSIONAL LICENSED IN JURISDICTION WHERE PROJECT IS LOCATED WILL NEED TO STAMP TRUSS DESIGN DRAWINGS. THE DESIGN PROFESSIONAL CANNOT BE THE ENGINEER OF RECORD FOR THE PROJECT AND NEEDS EXPERIENCE DESIGNING PRESS PLATE WOOD TRUSSES.
- 5. ALL TRUSS TO TRUSS AND TRUSS TO STRUCTURAL BEAM CONNECTORS SHALL BE SPECIFIED BY THE TRUSS MANUFACTURER, AND CALLED OUT AT THE PROPER LOCATION ON TRUSS PLACEMENT DIAGRAM.
- . THE TRUSSES SHALL BE DESIGNED TO CARRY ANY ADDITIONAL LOADS DUE TO MECHANICAL UNITS, OVERHEAD DOORS, ROOF OVERBUILDS, ETC. SEE STRUCTURAL PLANS FOR ADDITIONAL REQUIREMENTS.
- 7. ALL MEMBERS SHALL BE DESIGNED FOR COMBINED STRESSES, BASED ON THE WORST LOADING CONDITION.
- 8. BOTTOM CHORDS OF TRUSSES, ACTING AS CEILING MEMBERS, MUST BE ABLE TO SUPPORT A 10 PSF LIVE LOAD PER IBC REQUIREMENTS.
- 9. EACH CHORD SECTION SHALL BE ENGAGED IN TWO PANEL POINTS BEFORE BEING SPLICED. SPLICE NEEDS TO OCCUR AT PANEL POINT, OR ZERO FORCE LOCATION.
- 10. PROVIDE 1/8" CAMBER FOR EACH 6 FEET OF TRUSS UNLESS OTHERWISE INDICATED.

TRUSS BRACING & BLOCKING

- 11. THE TRUSS MANUFACTURER SHALL SPECIFY PROPER BRACING OF COMPRESSION CHORD MEMBERS 6'-0" LONG (OR LONGER), AS WELL AS BRACING REQUIRED FOR TRUSS ERECTION, AND ANY OTHER BRACING.
- 12. THE TRUSS MANUFACTURER SHALL SPECIFY ALL REQUIRED TRUSS BLOCKING. TRUSS BLOCKING SHALL BE DESIGNED FOR LATERAL LOADINGS.

FABRICATION & INSTALLATION

- 13. ALL DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION.
- 14. FABRICATE TRUSSES FROM SHOP DRAWINGS REVIEWED AND APPROVED BY THE ENGINEER AND ARCHITECT.
- 15. FABRICATE TRUSSES IN JIGS WITH MEMBERS ACCURATELY CUT TO PROVIDE GOOD BEARING AT JOINTS. JOINTS SHALL BE ACCEPTABLE IF THE AVERAGE OPENING BETWEEN ENDS OF MEMBERS IMMEDIATELY AFTER FABRICATION IS LESS THAN 1/16", EXCEPT THAT TRUSS COMPRESSION CHORD JOINTS AT SPLICES AND RIDGES SHALL HAVE FULL CONTACT BETWEEN MEMBERS.
- 16. TRUSS FABRICATORS USING METAL PLATES SHALL HAVE PLANT INSPECTED FOUR TIMES PER YEAR BY AN INDEPENDENT TESTING LABORATORY IN ACCORDANCE WITH TPI REGULATIONS AND COPIES OF INSPECTIONS MADE AVAILABLE TO OWNER UPON REQUEST.
- 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE TRUSSES PER THE TRUSS MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS. NO WEB OR CHORD MEMBERS SHALL BE MODIFIED IN THE FIELD.

- 18. GUSSET PLATES SHALL BE SPECIFIED FOR GREATER OF EITHER THE MEMBER FORCES SHOWN ON DRAWINGS OR THE MEMBER FORCES DERIVED FROM STRUCTURAL ANALYSIS.
- 19. NO PANEL POINT SHALL HAVE MORE THAN ONE PLATE PER TRUSS SIDE.
- 20. PRESS PLATES INTO MEMBERS TO OBTAIN FULL PENETRATION WITHOUT CRUSHING OUT SURFACE OF WOOD. PLATE EMBEDMENT IS ACCEPTABLE IF OPENING BETWEEN PLATE AND WOOD SURFACE IS LESS THAN 1/32".

21. LUMBER DEFECTS AND PLATE MISPLACEMENT, IN COMBINATION, SHALL NOT REDUCE PLATE

- AREA OR NUMBER OF AFFECTIVE TEETH, PRONGS, OR NAILS BY MORE THAN 10%.
- 22. DO NOT APPLY METAL GUSSET PLATES AFTER SHOP FABRICATION. 23. ALL LOADS SPECIFICALLY CALLED OUT ON PLANS TO BE USED IN DESIGNING TRUSSES, ARE

ALLOWABLE STRESS DESIGN (ASD) FORMAT w/ NO LOAD FACTORS INCLUDED.

24. WHEN TRUSSES ARE CALLED OUT AS LATERAL DRAG STRUTS. THE PHYSICAL TRUSS DESIGNATED AS SUCH NEEDS TO BE PHYSICALLY AND PERMANENTLY MARKED DIFFERENT FROM NORMAL TRUSSES.

PLAN REVIEW ACCEPTANCE

MECHANICAL PLUMBING

ELECTRICAL X ENERGY

STATE, OR LOCAL REGULATIONS

VEST COAST CODE CONSULTANTS, IN

DATE: 08/24/17

ACCESSIBILITY FIRE

MEM

DESIGN LOADS FOR ROOF TRUSSES:

TOP CHORD LIVE LOAD = 192 PSFTOP CHORD DEAD LOAD = 10 PSFBOT CHORD LIVE LOAD = 0 PSF BOT CHORD DEAD LOAD = 5 PSF

DEFLECTION CRITERIA ROOF TRUSSES:

TOTAL LOAD DEFLECTION = L/240

TOTAL DESIGN LOAD = 207 PSF

DESIGN CRITERIA

SNOW LOAD.. SEISMIC DESIGN CATEGORY . RISK CATEGORY . 3 SECOND GUST WIND SPEED. . . 115 мрн EXPOSURE ALLOWABLE SOIL BEARING 1,500 PSF SOIL SITE CLASS . .

DESIGN LOADS

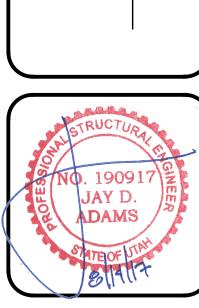
ROOF LIVE LOAD. . 192 PSF ROOF DEAD LOAD. . 15 PSF FLOOR LIVE LOAD. . 40 PSF FLOOR DEAD LOAD . . . 50 PSF

DESIGN CODE

2015 INTERNATIONAL BUILDING CODE (IBC)



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HECKED BY: J.D.A. DATE: JULY 21, 2017 17-088 JOB No.

ESIGNED BY:

J.D.A

GENERAL STRUCTURAL NOTES

SPECIAL INSPECTION SCHEDULE

	S O I L S (IBC 1705.6)										
REQ'D	REQ'D TASK		FREQUENCY PERIODIC	COMMENTS:							
X	VERIFY ADEQUATE MATERIALS BELOW FOOTINGS	CONT.	♦ ♦	PRIOR TO PLACEMENT OF CONCRETE.							
X	EXCAVATION EXTEND TO PROPER DEPTH AND MATERIALS		♦	PRIOR TO PLACEMENT OF COMPACTED FILL OR CONCRETE.							
X	CLASSIFICATION AND TESTING OF FILL MATERIALS		♦	CHECK CLASSIFICATION AND GRADATIONS AT EACH LIFT, BUT NOT LESS THAN ONCE FOR EACH 10,000 FT ² OF SURFACE AREA.							
X	VERIFY PROPER FILL MATERIALS, LIFT THICKNESSES AND IN-PLACE DENSITIES	♦									
X	VERIFY PROPERLY PREPARED SITE AND SUBGRADE		♦	PRIOR TO PLACEMENT OF CONCRETE.							

	CONCRETE	CONS	TRUCT	TION (IBC 1705.3)
REQ'D TASK		INSPECTION CONT.	FREQUENCY PERIODIC	COMMENTS:
X	REINFORCING STEEL PLACEMENT		♦	VERIFY SIZE, CLEARANCES, SPLICES AND PROPER TIES.
X	REINFORCING BAR WELDING a. WELDABILTY OF NON ASTM A706 BARS b. SINGLE PASS FILLED WELDS $< \frac{5}{16}$ " c. ALL OTHER WELDS	♦	\$	
X	CAST IN ANCHORS		♦	VERIFY MIX DESIGN MEETS STRENGTH AND EXPOSURE REQUIREMENTS LIST ON APPROVED PLANS.
X	POST-INSTALLED ANCHORS a. ADHESIVE ANCHORS INSTALLED HORIZONTALLY OR UPWARDLY INCLINED RESISTING SUSTAINED TENSION LOADS b. POST INSTALLED ANCHORS NOT DEFINED IN a.	♦	♦	IN ACCORDANCE WITH APPROVED ICC-ES REPORT. PERIODIC INSPECTIONS ALLOWED IF STATED IN ES REPORT.
X	VERIFY REQUIRED DESIGN MIX		♦	VERIFY MIX DESIGN MEETS STRENGTH AND EXPOSURE REQUIREMENTS LISTION APPROVED PLANS.
X	SLUMP, AIR + TEMPERATURE TESTS. PREPARE STRENGTH TEST SAMPLES	♦		
X	CONCRETE PLACEMENT	♦		INCLUDES SAMPLING FOR AIR, SLUMP, STRENGTH AND TEMPERATURE TECHNIQUES.
X	CURING TEMPERATURE MAINTENANCE		♦	
	PRESTRESSED CONCRETE a. PRESTRESSING FORCES b. GROUTING OF BONDED TENDONDS	\$		
	ERECTION OF PRECAST MEMBERS		♦	
	POST-TENSIONED CONCRETE STRENGTH		♦	
X	INSPECT FORMWORK		♦	

	COLD-FORMED STEEL	CONS	TRUC	TION (IBC 1705.11.2 & 1705.12.3)		
REQ'D	TASK	INSPECTION FREQUENC		COMMENTS.		
KEQD	IASK	CONT.		COMMENTS:		
	COMPONENTS OF WIND AND SEISMIC-FORCE RESISTING SYSTEMS		♦	VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR WALLS, BRACES AND HOLDOWNS HAVING A FASTENER SPACING \leq 4" O.C.		
	FIELD WELDING OF ELEMENTS OF MAIN LATERAL FORCE RESISTING SYSTEM.		♦			

	OTHER THAN S	TRUCT	URAL	STEEL (IBC 1705.2.2)
REQ'D	TASK	INSPECTION CONT.	FREQUENCY PERIODIC	COMMENTS:
	STEEL ROOF & FLOOR DECK:			
	MATERIAL VERIFICATION OF STEEL DECK		♦	IDENTIFICATION MARKINGS PER APPLICABLE ASTM STANDARD
	ROOF AND DECK WELDS		♦	VERIFY THAT WELDS CONFORM TO AWS D1.3.
	WELDING OF REINFORCING STEEL:			
	VERIFICATION OF WELDABILITY (EXCEPT A706 BAR)		♦	VERIFY MATERIAL IS ABLE TO CONFORM TO AWS D1.4.

	INSTALLATION OF OPEN-WEB STEEL JOISTS AND GIRDERS (IBC 1705.2.3)										
REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:							
KEQD	IASK	CONT.	PERIODIC	COMMENTS.							
	END CONNECTIONS		\Diamond	SJI 2207.1							
	BRIDGING - HORIZONTAL OR DIAGONAL a. STANDARD BRIDGING b. NON-STANDARD BRIDGING		\$	SJI 2207.1							

REQ'D	TASK	INSPECTION CONT.	FREQUENCY PERIODIC	COMMENTS:
	MINIMUM TESTING (TABLE 1.19.2, TMS - 402/ACI 530-11):		TENIODIC	
	VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) FOR SELF-CONSOLIDATING GROUT.		\Q	COMPRESSIVE STRENGTH TESTS PER ASTM C 1019 FOR SLUMP FLOW AND ASTM C 1611 FOR VSI.
	VERIFICATION OF F' _M ·		♦	DETERMINE COMPRESSIVE STRENGTH PER "UNIT STRENGTH" OR "PRISM TI AS SPECIFIED IN ARTICLE 1.4.B OF ACI 530.1 PRIOR TO CONSTRUCTION.
	PRIOR TO CONSTRUCTION (ARTICLE 1.15, TMS-602/ACI 5	330.1-11):		
	REVIEW MATERIAL CERTIFICATES, MIX DESIGNS, TEST RESULTS AND CONSTRUCTION PROCEDURES		♦	VERIFY MATERIALS CONFORM TO APPROVED CONSTRUCTION DOCUMENTS MIX DESIGN, TEST RESULTS, MATERIAL CERTIFICATES, AND CONSTRUCTIO PROCEDURES SHOULD BE SUBMITTED FOR REVIEW. MORTAR MIX DESIGNS SHALL CONFORM TO ASTM C 270 WHILE GROUT SHALL CONFORM TO ASTM 476. MATERIAL CERTIFICATES SHALL BE PROVIDED FOR THE FOLLOWING: REINFORCEMENT; ANCHORS, TIES, FASTENERS, AND METAL ACCESSORIES MASONRY UNITS; MORTAR AND GROUT MATERIALS. REVIEW COLD-WEATHING OR HOT-WEATHER CONSTRUCTION PROCEDURES.
	AS CONSTRUCTION BEGINS (TABLE 1.19.2, TMS-402/ACI	530-11):		
	PROPORTIONS OF SITE-PREPARED MORTAR		\Diamond	VERIFY THAT MORTAR IS TYPE AND COLOR SPECIFIED ON APPROVED PLAN CONFORMS TO ASTM C 270, AND IS MIXED PER ARTICLE 2.6.A OF ACI 530.1.
	CONSTRUCTION OF MORTAR JOINTS		♦	VERIFY MORTAR JOINTS MEET ARTICLE 3.3.B OF ACI 530.1.1
	GRADE AND SIZE OF PRE-STRESSING TENDONS AND ANCHORAGES		\Diamond	VERIFY THAT PRE-STRESSING TENDONS CONFORM TO REQUIREMENTS OF ARTICLE 2.4B AND 2.4H OF ACI530.1
	LOCATION OF REINFORCEMENT, CONNECTORS AND ANCHORAGES.		\Diamond	VERIFY REINFORCEMENT IS PLACED IN ACCORDANCE WITH ARTICLE 3.4 OF 530.1.
	PRE-STRESSING TECHNIQUE		♦	VERIFY PRE-STRESSING TECHNIQUE CONFORMS TO ARTICLE 3.6B OR ACI 530.1
	PROPERTIES OF THIN BED MORTAR FOR AAC MASONRY	♦	♦	VERIFY REINFORCEMENT IS PLACED IN ACCORDANCE WITH ARTICLE 3.4 OF 530.1.
	PRIOR TO GROUTING (TABLE 1.19.2, TMS-402/ACI 530-11)):		
	GROUT SPACE		♦	VERIFY GROUT SPACE IS FREE OF MORTAR DROPPINGS, DEBRIS, LOOSE AGGREGATE, AND OTHER DELETERIOUS MATERIALS AND THAT CLEANOUT ARE PROVIDED PER ARTICLE 3.2D AND 3.2F OF ACI 530.1
	GRADE, TYPE AND SIZE OF REINFORCEMENT, ANCHOR BOLTS AND ANCHORAGES.		♦	VERIFY REINFORCEMENT, JOINT REINFORCEMENT, ANCHOR BOLTS AND VENEER ANCHORS COMPLY WITH APPROVED PLANS AND SECTIONS 1.6 OF ACI 530.
	PLACEMENT OF REINFORCEMENT, CONNECTORS AND ANCHORAGES.		♦	VERIFY REINFORCEMENT, JOINT REINFORCEMENT, ANCHOR BOLTS AND VENEER ANCHORS ARE INSTALLED PER APPROVED PLANS AND ARTICLES 3.4, AND 3.6.A OF ACI 530.1.
	PROPORTIONS OF SITE-PREPARED GROUT.		♦	VERIFY GROUT PROPORTIONS MEET ASTM C 476 AND A SLUMP BETWEEN 8 INCHES. SELF-CONSOLIDATED GROUT SHALL NOT BE PROPORTIONED ONS
	CONSTRUCTION OF MORTAR JOINTS		\Diamond	VERIFY MORTAR JOINTS PLACED IN ACCORDANCE WITH ARTICLE 3.3.B OF 530.1.
	DURING CONSTRUCTION (TABLE 1.19.2, TMS-402/ACI 530)-11):		
	SIZE AND LOCATION OF STRUCTURAL ELEMENTS		♦	VERIFY LOCATIONS OF STRUCTURAL ELEMENTS PER APPROVED PLANS AN CONFIRM TOLERANCES MEET ARTICLE 3.3.F OF ACI 530.1.
	TYPE, SIZE AND LOCATION OF ANCHORS, FRAMES, ETC.		♦	VERIFY CORRECT ANCHORAGES AND CONNECTIONS ARE PROVIDED PER APPROVED PLANS AND SECTIONS 1.16.4.3 AND 1.17.1 OF ACI 530.
	WELDING OF REINFORCEMENT	\Diamond		VERIFY CONFORMANCE WITH SECTIONS 2.1.7.7.2, 3.3.3.4 (c) AND 8.3.3.4 (b) OF ACI 530
	APPLICATION AND MEASUREMENT OF PRE-STRESSING FORCE	\Diamond		VERIFY CONFORMANCE WITH ARTICLE 3.6B OF ACI 530.1
	PLACEMENT OF GROUT	\Q		
	PREPARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD WEATHER (< 40°F) OR HOT WEATHER (> 90°F).		♦	VERIFY COLD-WEATHER CONSTRUCTION COMPLIES WITH ARTICLE 1.8.C OI 530.1 AND HOT WEATHER CONSTRUCTION PER ARTICLE 1.8.D OF ACI 530.1
	PLACEMENT OF GROUT AND PRE-STRESSING GROUT FOR BONDED TENDONS	\Q		VERIFY COMPLIANCE WITH ARTICLE 3.5, 3.6C OF ACI 530.1

WOOD CONSTRUCTION (IBC 1705.11.2)									
REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:					
KEQD	IASK	CONT.	PERIODIC	COMMENTS:					
X	COMPONENTS OF WIND AND SEISMIC-FORCE RESISTING SYSTEMS		♦	VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR WALLS, BRACES AND HOLDOWNS HAVING A FASTENER SPACING \leq 4" O.C.					
	FIELD GLUING OF MAIN LATERAL FORCE RESISTING SYSTEM	\Diamond							

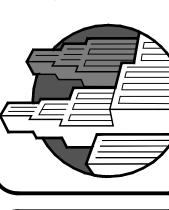
STATEMENT OF SPECIAL INSPECTIONS

- 1. THE PROJECT OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED BELOW. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION. THESE INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS REQUIRED BY THE BUILDING DEPARTMENT OF THE LOCAL JURISDICTION.
- 2. SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE WITH APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALE BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT A PHASE OF THE WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED AT A POINT IN TIME AGREED UPON BY THE PERMIT APPLICANT AND THE BUILDING OFFICIAL PRIOR TO THE START OF WORK.
- 3. SPECIAL INSPECTIONS FOR EACH TASK SHALL BE CARRIED OUT IN COMPLIANCE WITH REQUIREMENTS PER THE CURRENT IBC AND OTHER MATERIAL STANDARDS.

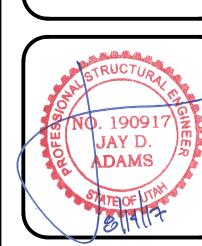
FABRICATION SHOP REQUIREMENTS

4. WHERE FABRICATION OF STRUCTURAL LOAD BEARING MEMBERS AND ASSEMBLIES IS BEING PERFORMED ON THE PREMISES OF A FABRICATORS SHOP, SPECIAL INSPECTIONS REQUIRED BELOW SHALL BE PROVIDED IN THE SHOP DURING THE FABRICATION PROCESS. THIS REQUIREMENT MAY BE EXCEPTED IF THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. A CERTIFICATE SHALL BE REQUIRED TO VERIFY SUCH APPROVAL. AT COMPLETION OF THE FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DRAWINGS.





Structural Plans for:
POWDER MOUNTAIN CABIN 1000



DESIGNED BY: J.D.A.

CHECKED BY: J.D.A.

SCALE:

DATE: JULY 21, 2017

XBUILDING
XSTRUCTURAL

XMECHANICAL
XPLUMBING

XELECTRICAL
XENERGY

WEST COAST CODE CONSULTANTS, INC

ACCESSIBILITY FIRE

SPECIAL INSPECTIONS

HEET No.

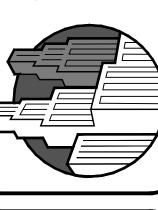
30.2

O- OBSERVE THESE ITEMS ON A RANDOM BASIS.

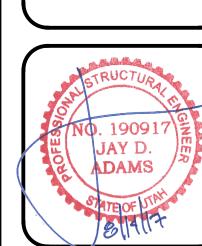
P- PERFORM THESE TASKS FOR EACH WELDED / BOLTED JOINT OR MEMBER (AISC 360-10 N5.4)







00 \blacksquare ABIN **JUNTAIN** Stu POWDER



J.D.A. ESIGNED BY: CHECKED BY: J.D.A.

DATE: JULY 21, 2017

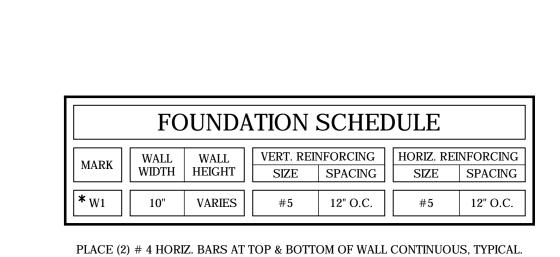
17-088 JOB No. **SPECIAL**

INSPECTIONS

Unit Type	Pier Number	Finished Grade at Pier	Top of Pier Elevation	Bottom of Footing Elevation
1500SF	2A 2B	8760.38 8758.30	8760.50 8760.50	8753.38 8751.30
	2C	8758.30 8765.44	8760.50 8766.00	8751.30 8758.44
	2D	8763.22	8766.00	8756.22
	2E 2F	8769.40 8768.27	8770.00 8770.00	8762.40 8761.27
1500SF	3A	8727.42	8728.00	8701.27
	3B	8727.58	8728.00	8720.58
	3C 3D	8732.46 8732.07	8733.00 8733.00	8725.46 8725.07
	3E	8734.16	8734.50	8727.16
	3F	8734.15	8734.50	8727.15
2500SF	4A 4B	8744.49 8744.42	8745.00 8745.00	8737.49 8737.42
	4C	8743.88	8745.00	8736.88
	4D	8743.81	8744.00	8736.81
	4E	8743.05	8744.00	8736.05
	4F 4G	8750.23 8750.23	8750.50 8750.50	8743.23 8743.23
	4H	8750.23	8750.50	8743.23
	41	8750.23	8750.50	8743.23
2500SF	4J 5A	8750.23 8810.67	8750.50 8811.00	8743.23 8803.67
	5B	8809.82	8811.00	8802.82
	5C	8809.20	8811.00	8802.20
	5D 5E	8807.71 8806.26	8808.00 8806.50	8800.71 8799.26
	5F	8806.26 8816.22	8806.50	8809.22
	5G	8816.19	8816.50	8809.19
	5H	8816.13	8816.50 8816.50	8809.13
	5I 5J	8816.07 8814.80	8816.50 8815.00	8809.07 8807.80
1500plusSF	6A	8776.88	8777.00	8769.88
	6B	8775.53	8776.00	8768.53
	6C 6D	8772.86 8769.93	8773.00 8770.50	8765.86 8762.93
	6E	8782.72	8783.00	8775.72
	6F	8782.62	8783.00	8775.62
	6G 6H	8779.71 8776.66	8780.00 8777.00	8772.71 8769.66
1500SF	7A	8776.66	8777.00 8793.25	8785.86
	7B	8790.27	8791.00	8783.27
	7C	8797.24	8797.75	8790.24
	7D 7E	8795.19 8800.45	8795.50 8801.00	8788.19 8793.45
	7F	8799.47	8800.00	8792.47
2500SF	8A	8778.16	8778.75	8771.16
	8B 8C	8777.50 8777.42	8777.75 8777.75	8770.50 8770.42
	8D	8777.01	8777.75	8770.42
	8E	8775.99	8776.50	8768.99
	8F 8G	8785.10 8785.25	8785.50 8785.50	8778.10 8778.25
	8H	8785.24	8785.50	8778.24
	81	8784.88	8785.50	8777.88
1500-165	8J	8784.10	8784.50	8777.10
1500plusSF	9A 9B	8767.24 8766.41	8767.50 8767.50	8760.24 8759.41
	9C	8764.06	8764.50	8757.06
	9D	8762.41	8763.00	8755.41
	9E 9F	8773.00 8772.18	8773.50 8772.75	8766.00 8765.18
	9G	8770.40	8771.00	8763.40
. = 00 l 0 =	9H	8767.71	8768.00	8760.71
1500plusSF	10A 10B	8748.17 8746.78	8748.75 8747.00	8741.17 8739.78
	10C	8745.71	8746.00	8738.71
	10D	8745.41	8746.00	8738.41
	10E 10F	8754.64 8752.94	8755.00 8753.50	8747.64 8745.94
	10G	8751.18	8751.50	8744.18
	10H	8750.67	8751.50	8743.67
1000SF	11A 11B	8706.47 8706.12	8707.00 8707.00	8699.47 8699.12
	11B	8706.12 8709.49	8707.00 8710.00	8699.12
	11D	8709.45	8710.00	8702.45
	11E	8711.84 8711.71	8712.25 8712.25	8704.84 8704.71
1500plusSF	11F 12A	8711.71 8800.77	8712.25 8801.00	8704.71 8793.77
	12B	8797.93	8798.25	8790.93
	12C	8795.36	8796.00	8788.36
	12D 12E	8793.20 8805.59	8793.75 8806.00	8786.20 8798.59
	12F	8803.88	8804.25	8796.88
	12G	8801.65	8802.00	8794.65
1000SF	12H 13A	8799.21 8779.35	8799.75 8780.00	8792.21 8772.35
TOOOSE	13A 13B	8779.35 8779.70	8780.00	8772.70
	13C	8784.01	8784.50	8777.01
	13D	8783.44	8784.50	8776.44
	13E 13F	8788.19 8783.19	8788.50 8783.75	8781.19 8776.19
1500SF	14A	8783.38	8784.00	8776.38
	14B	8780.27	8780.75	8773.27
	14C	8787.42 8783.88	8788.00 8784.25	8780.42 8776.88
	14D 14E	8783.88 8790.59	8784.25 8791.00	8776.88 8783.59
	14F	8787.93	8788.50	8780.93
1500SF	15A	8759.93	8760.50	8752.93
	15B 15C	8758.21 8763.93	8758.75 8764.50	8751.21 8756.93
	15C 15D	8763.93 8761.11	8764.50 8761.50	8756.93 8754.11
	15E	8767.87	8768.00	8760.87
10000=	15F	8764.89	8765.25	8757.89
1000SF	16A 16B	8735.82 8735.93	8736.50 8736.50	8728.82 8728.93
	16B	8735.93 8738.81	8739.50	8728.93 8731.81
	16D	8739.00	8739.50	8732.00
	16E	8742.08	8742.50	8735.08

1500plusSF	17A	8792.79	8793.25	8785.79
	17B 17C	8792.37 8791.22	8793.25 8792.00	8785.37 8784.22
	17C 17D	8791.22 8791.59	8792.00 8792.00	8784.22 8784.59
	17E	8799.78	8801.00	8792.78
	17F 17G	8800.38 8799.28	8801.00 8799.75	8793.38 8792.28
	17H	8799.26	8799.75	8792.26
1500SF	18A	8821.10	8821.50	8814.10
	18B 18C	8816.37 8824.41	8817.00 8825.00	8809.37 8817.41
	18D	8820.85	8821.25	8813.85
	18E	8826.58	8827.00	8819.58
1000SF	18F 19A	8825.48 8801.37	8826.00 8802.00	8818.48 8794.37
10003F	19A 19B	8800.49	8801.00	8793.49
	19C	8808.22	8808.75	8801.22
	19D 19E	8807.69 8814.76	8808.75 8815.50	8800.69 8807.76
	19E	8814.40	8815.50	8807.40
1500plusSF	20A	8725.56	8726.00	8718.56
	20B	8725.58	8726.00	8718.58
	20C 20D	8725.24 8724.88	8726.00 8726.00	8718.24 8717.88
	20E	8728.40	8728.75	8721.40
	20F	8728.27	8728.75	8721.27
	20G 20H	8727.97 8727.73	8728.75 8728.75	8720.97 8720.73
1000SF	21A	8720.19	8720.75	8713.19
	21B	8720.17	8720.75	8713.17
	21C 21D	8721.60 8721.36	8722.00 8722.00	8714.60 8714.36
	21E	8723.40	8723.75	8716.40
	21F	8723.05	8723.75	8716.05
1500plusSF	22A 22B	8727.00 8727.07	8727.50 8727.50	8720.00 8720.07
	22B 22C	8727.07 8726.42	8727.50 8727.00	8720.07 8719.42
	22D	8724.48	8725.50	8717.48
	22E 22F	8724.48 8729.50	8730.00 8730.00	8717.48 8722.50
	22F 22G	8729.50 8729.00	8730.00	8722.50
	22H	8727.94	8728.50	8720.94
1500plusSF	23A 23B	8714.65 8714.46	8715.00 8715.00	8707.65 8707.46
	23B 23C	8714.46 8714.32	8715.00 8715.00	8707.46 8707.32
	23D	8714.16	8715.00	8707.16
	23E	8717.72 8716.96	8718.00 8717.25	8710.72 8709.96
	23F 23G	8716.96 8716.29	8717.25 8717.25	8709.96 8709.29
	23H	8715.40	8716.00	8708.40
2500SF	24A	8699.52	8700.00	8692.52
	24B 24C	8698.44 8697.97	8699.00 8699.00	8691.44 8690.97
	24D	8698.02	8699.00	8691.02
	24E	8697.70	8698.50	8690.70
	24F 24G	8704.68 8703.89	8704.75 8704.75	8697.68 8696.89
	24G 24H	8704.20	8704.75	8697.20
	241	8704.13	8704.75	8697.13
1500SF	24J 25A	8703.20 8717.42	8704.00 8718.00	8696.20 8710.42
_55661	25B	8717.41	8718.00	8710.42 8710.41
	25C	8719.32	8720.00	8712.32
	25D 25E	8719.02 8722.75	8720.00 8723.00	8712.02 8715.75
	25E 25F	8722.75 8722.01	8723.00 8723.00	8715.75 8715.01
1000SF	26A	8687.97	8688.25	8680.97
	26B 26C	8687.27	8688.25 8692.25	8680.27 8684.80
	26C 26D	8691.80 8691.19	8692.25 8692.25	8684.80 8684.19
	26E	8694.67	8695.00	8687.67
1,0005	26F	8694.27	8695.00	8687.27
1000SF	27A 27B	8708.73 8708.19	8709.25 8709.25	8701.73 8701.19
	27C	8710.75	8711.25	8703.75
	27D	8709.91	8710.50	8702.91
	27E 27F	8713.16 8711.71	8713.75 8712.25	8706.16 8704.71
1500plusSF	27F 28A	8711.71 8750.80	8712.25 8751.25	8704.71 8743.80
	28B	8750.63	8751.25	8743.63
	28C	8750.73 8750.37	8751.25 8751.25	8743.73 8743.37
	28D 28E	8750.37 8756.11	8751.25 8757.00	8743.37 8749.11
	28F	8756.21	8757.00	8749.21
	28G	8756.81	8757.00	8749.81
1000SF	28H 29A	8756.71 8743.44	8757.00 8744.00	8749.71 8736.44
	29B	8744.43	8745.00	8737.43
	29C	8746.72	8747.75	8739.72
-	29D 29E	8747.38 8750.93	8747.75 8751.50	8740.38 8743.93
	29F	8750.96	8751.50 8751.50	8743.96
		8731.96	8732.50	8724.96
1500SF	30A	8731.82	8732.50	8724.82 8727.89
1500SF	30B		A 1	0/4/.69
1500SF		8734.89 8735.08	8735.50 8735.50	8728.08
1500SF	30B 30C 30D 30E	8734.89 8735.08 8738.23	8735.50 8738.75	8731.23
	30B 30C 30D 30E 30F	8734.89 8735.08 8738.23 8738.20	8735.50 8738.75 8738.75	8731.23 8731.20
1500SF 2500SF	30B 30C 30D 30E	8734.89 8735.08 8738.23	8735.50 8738.75	8731.23
	30B 30C 30D 30E 30F 31A	8734.89 8735.08 8738.23 8738.20 8740.17	8735.50 8738.75 8738.75 8740.75	8731.23 8731.20 8733.17
	30B 30C 30D 30E 30F 31A 31B 31C 31D	8734.89 8735.08 8738.23 8738.20 8740.17 8740.32 8741.13	8735.50 8738.75 8738.75 8740.75 8740.75 8741.75 8741.75	8731.23 8731.20 8733.17 8733.32 8734.13 8734.26
	30B 30C 30D 30E 30F 31A 31B 31C 31D 31E	8734.89 8735.08 8738.23 8738.20 8740.17 8740.32 8741.13 8741.26 8741.71	8735.50 8738.75 8738.75 8740.75 8740.75 8741.75 8741.75 8742.25	8731.23 8731.20 8733.17 8733.32 8734.13 8734.26 8734.71
	30B 30C 30D 30E 30F 31A 31B 31C 31D	8734.89 8735.08 8738.23 8738.20 8740.17 8740.32 8741.13	8735.50 8738.75 8738.75 8740.75 8740.75 8741.75 8741.75	8731.23 8731.20 8733.17 8733.32 8734.13 8734.26
	30B 30C 30D 30E 30F 31A 31B 31C 31D 31E 31F	8734.89 8735.08 8738.23 8738.20 8740.17 8740.32 8741.13 8741.26 8741.71 8745.58	8735.50 8738.75 8738.75 8740.75 8740.75 8741.75 8741.75 8742.25 8746.50	8731.23 8731.20 8733.17 8733.32 8734.13 8734.26 8734.71 8738.58

17B	8792.37	8793.25	8785.37		
17C	8791.22	8792.00	8784.22		
17D	8791.59		8784.59		
17E	8799.78	8801.00	8792.78		
17F	8800.38	8801.00	8793.38	$\begin{pmatrix} 1 \end{pmatrix}$	
17G					
	8799.28		8792.28		
17H	8799.26	8799.75	8792.26	$\sqrt{\frac{1'-6"}{S6.1}}$ $\sqrt{\frac{1}{S6.1}}$	
18A	8821.10	8821.50	8814.10		
18B	8816.37	8817.00	8809.37	□ □ □ □ □ □ □ □ SEE SITE PLAN FOR DISTANCE OF BRIDGE	
18C	8824.41	8825.00	8817.41	FOUNDATION FROM COTTAGE FOUNDATION	N
18D	8820.85	8821.25	8813.85		
18E	8826.58	8827.00	8819.58	F410	
18F	8825.48	8826.00	8818.48		
19A	8801.37	8802.00	8794.37		
19B	8800.49	8801.00	8793.49		
19C	8808.22	8808.75	8801.22		
19D	8807.69	8808.75	8800.69		
19E	8814.76	8815.50	8807.76	7" GRID TO PIER ©	
19F	8814.40	8815.50	8807.40	\P COLUMN = 4"	
20A	8725.56		8718.56		
20B	8725.58	8726.00	8718.58	(A') $_{F6}$ $_{F6}$ $_{F6}$	
20C	8725.24	8726.00	8718.24	fˇ──┤───┐ ├───────────────────────────────	
20D	8724.88	8726.00	8717.88		
20E	8728.40	8728.75	8721.40		
20F	8728.27	8728.75	8721.27		
20G	8727.97	8728.75	8720.97	(A)	
20H	8727.73	8728.75	8720.73		
21A	8720.19	8720.75	8713.19		
21A 21B	8720.19 8720.17	8720.75	8713.19 8713.17	\mathbf{E} ! ! ! \mathbf{F}	
21C	8720.17	8722.00	8714.60		
21D	8721.36	8722.00	8714.36		
21E	8723.40		8716.40		
21F	8723.05	8723.75	8716.05		
22A	8727.00	8727.50	8720.00	$ W_1 $ $ W_1 $	
22B	8727.07	8727.50	8720.07		
22C	8726.42	8727.00	8719.42		
22D	8724.48	8725.50	8717.48		
22E	8724.48		8717.48		
22F	8729.50	8730.00	8722.50	$F_6 F_6$	
22G	8729.00	8730.00	8722.00		
22H	8727.94	8728.50	8720.94	M8 x 24	
23A	8714.65	8715.00	8707.65		
23B	8714.46	8715.00	8707.46	B	
23C	8714.32	8715.00	8707.32	$S_{1.2}$ W_1	
23D	8714.16	8715.00	8707.16		
23E	8717.72	8718.00	8710.72	\mathbf{C} \mathbf{C} \mathbf{C} \mathbf{D}	
23F	8716.96	8717.25	8709.96		
23G	8716.29	8717.25	8709.29		
23H	8715.40		8708.40		
24A	8699.52	8700.00	8692.52		
24B	8698.44	8699.00	8691.44		
24C	8697.97	8699.00	8690.97	w_1	
24D	8698.02	8699.00	8691.02	$oxed{W1}$	
24E	8697.70	8698.50	8690.70		
24F	8704.68		8697.68		
24G	8703.89		8696.89		
24H	8704.20	8704.75	8697.20	F6 F6	
241	8704.13	8704.75	8697.13		
24J	8703.20	8704.00	8696.20		
25A	8717.42	8718.00	8710.42		
25B	8717.41	8718.00	8710.41		
25C	8717.41	8720.00	8712.32		
25D	8719.02		8712.02		
25E	8713.02		8715.75		
25F	8722.73	8723.00	8715.75	$A \ \ \ \ \ \ \ \ \ \ \ \ \ $	
26A	8687.97	8688.25	8680.97	(C')	
26B	8687.27	8688.25	8680.27		
26C	8691.80		8684.80		
26D	8691.19		8684.19		
26E	8694.67	8695.00	8687.67		
26F	8694.27		8687.27		
27A	8708.73		8701.73		
27B	8708.19		8701.19		
27C	8710.75	8711.25	8703.75		
27D	8709.91		8702.91		
27E	8713.16		8706.16		
27F	8711.71	8712.25	8704.71		
28A	8750.80		8743.80		
28B	8750.63		8743.63		
28C	8750.73	8751. 2 5	8743.73		
28D	8750.37		8743.37		
28E	8756.11	8757.00	8749.11		
28F	8756.21	8757.00	8749.21		
28G	8756.81		8749.81		

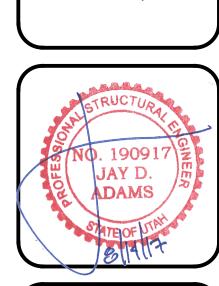


* THIS WALL REQUIRES (2) MATS OF REINFORCING (1) MAT 2" OFF EA. FACE AS SPECIFIED ABOVE

RECESS TOP OF WALL AT OPENINGS & POUR SLAB THROUGH, SEE DETAILS

	FOOTING SCHEDULE											
MARK	WIDTH	LENGTH	DEPTH	REI	REINFORCING CROSS-WISE No. SIZE LENGTH SPACING				REINFORCING LENGTH-WISE No. SIZE LENGTH SPACING			
F6	F6 6'-0" 6'-0" 14" (7) #5 5'-6" EQUAL (7) #5 5'-6" EQUAL								EQUAL			
F410	4'-0"	10'-0"	12"	(11)	#5	3'-6"	EQUAL	(5)	#5	9'-6"	EQUAL	





FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

XBUILDING
XSTRUCTURAL

XMECHANICAL
XPLUMBING

XELECTRICAL
XENERGY

□ACCESSIBILITY
FIRE

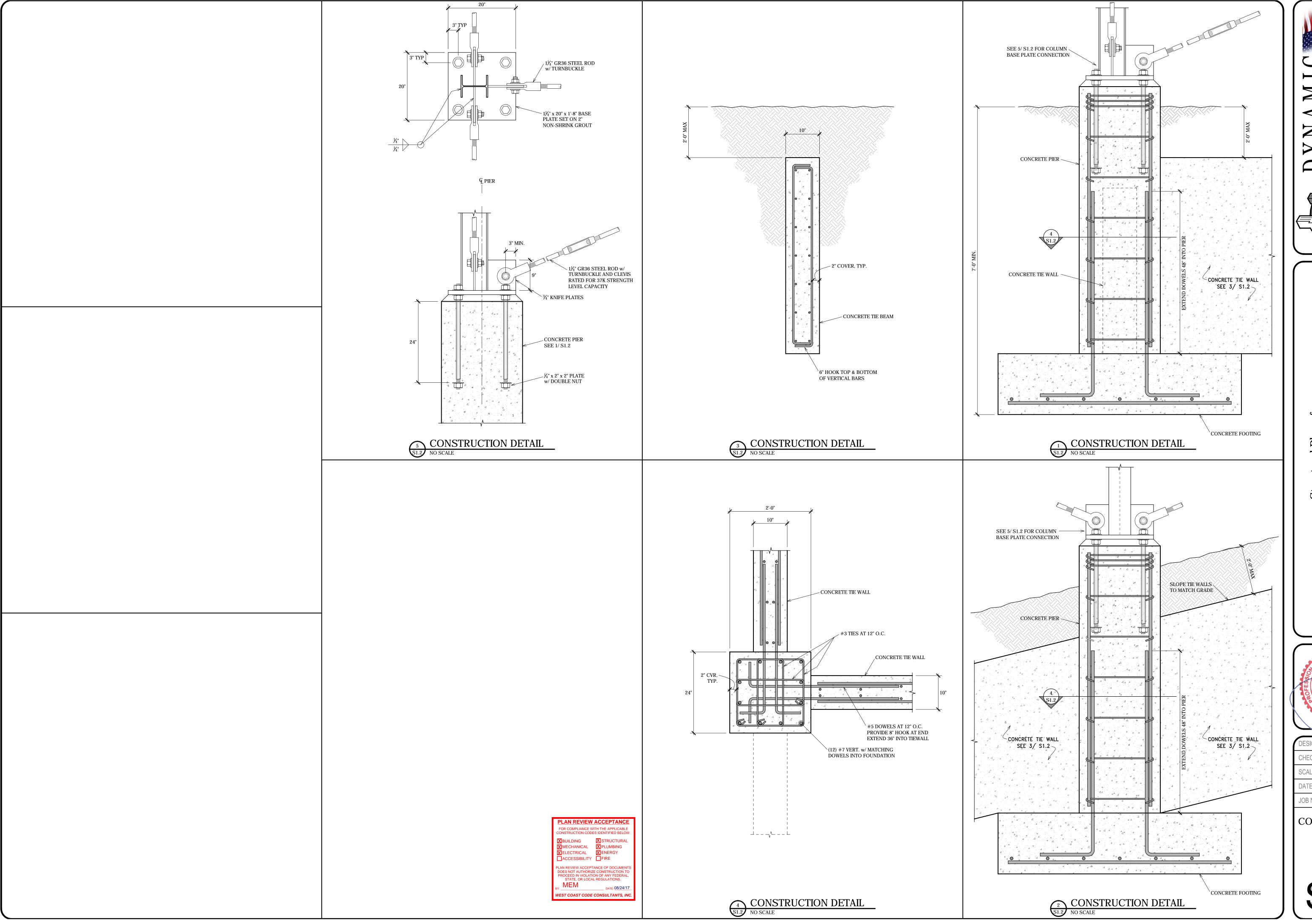
WEST COAST CODE CONSULTANTS, INC.

DATE: 08/24/17

DESIGNED BY:	J.D.A.
CHECKED BY:	J.D.A.
SCALE:	1/4" = 1'-0"
DATE: JU	LY 21. 2017

FOUNDATION

PLAN



DYNAMIC

STRUCTURES

1887 NORTH 1120 WEST PROVO, UTAH 84604
PH: (801) 356-1140 FAX: (801) 356-0001

POWDER MOUNTAIN CABIN 1000

NO. 190917 DE JAY D. ADAMS

DESIGNED BY: J.D.A.

CHECKED BY: J.D.A.

SCALE: AS SHOWN

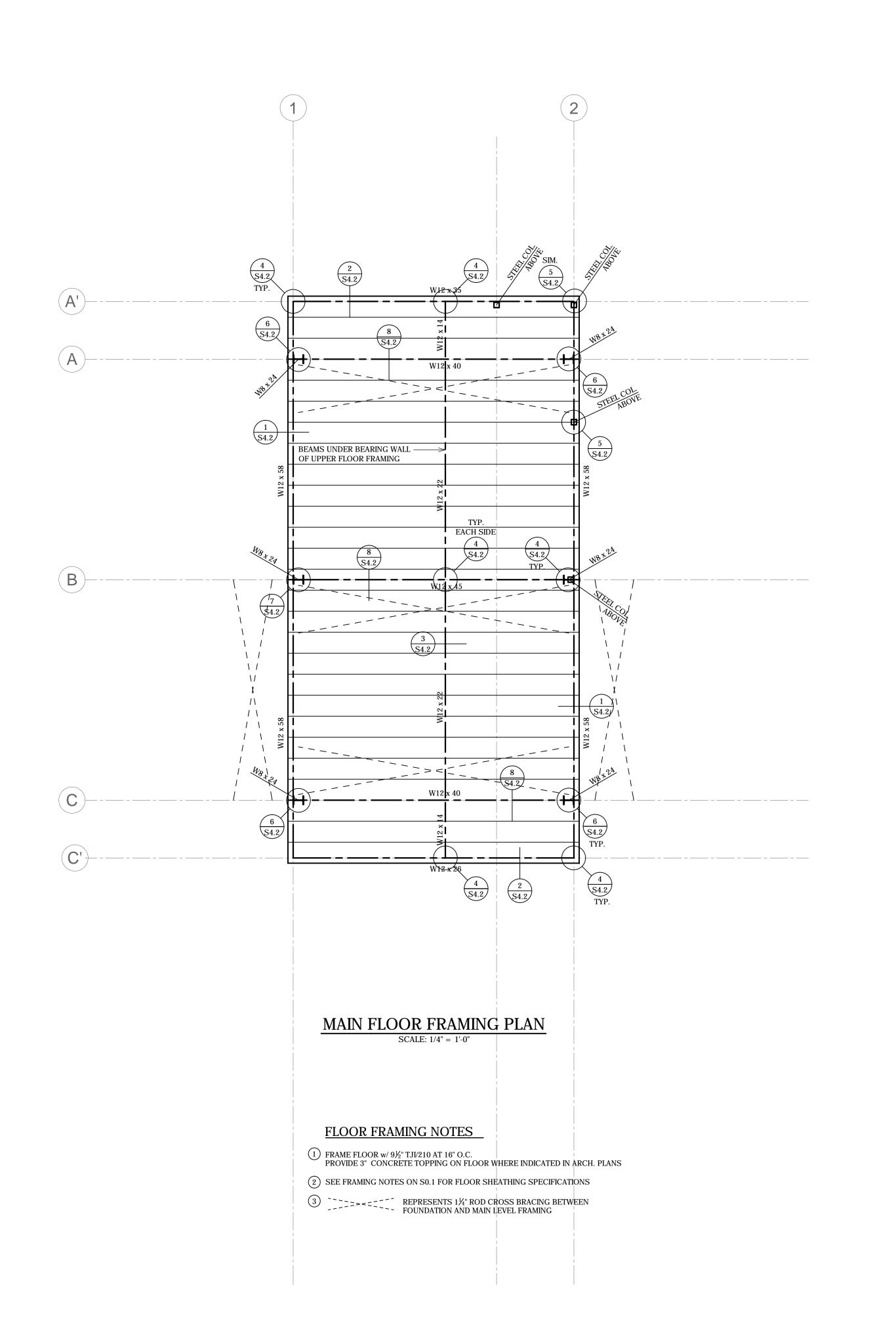
DATE: JULY 21, 2017

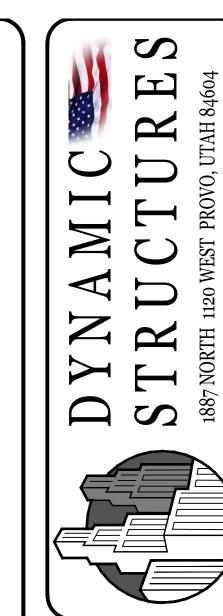
JOB No. 17-088

JOB No. 17-088

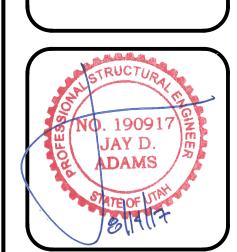
CONSTRUCTION
DETAILS

SHEET No. **31.2**





Structural Plans for: MOUNTAIN C POWDER



ED BY: J.D.A	DESIGNE
D BY: J.D.A	CHECKE
1/4" = 1'-0'	SCALE:
JULY 21, 2017	DATE:
17_089	IOR No

PLAN REVIEW ACCEPTANCE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS
DOES NOT AUTHORIZE CONSTRUCTION TO
PROCEED IN VIOLATION OF ANY FEDERAL,
STATE, OR LOCAL REGULATIONS.

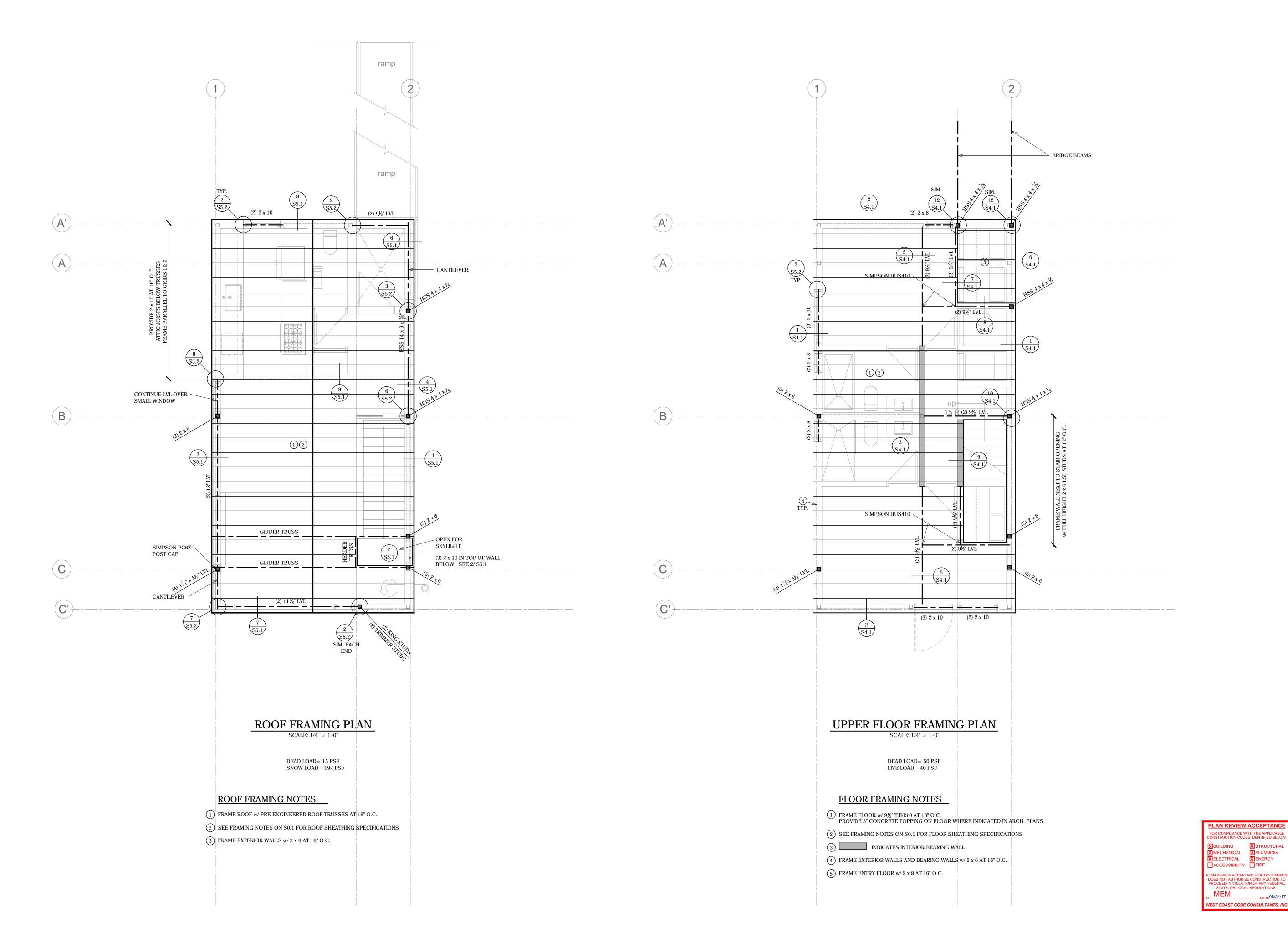
MEM

DATE: 08/24/17

WEST COAST CODE CONSULTANTS, INC

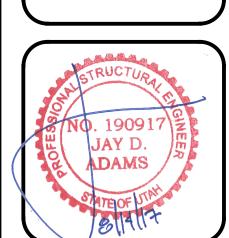
17-088 JOB No. MAIN FLOOR

FRAMING PLAN





POWDER MOUNTAIN CABIN 1000



,	1811	(11)
1	DESIGNED BY:	J.D.A.
	CHECKED BY:	J.D.A.
	SCALE:	1/4" = 1'-0"
	DATE: JU	LY 21, 2017

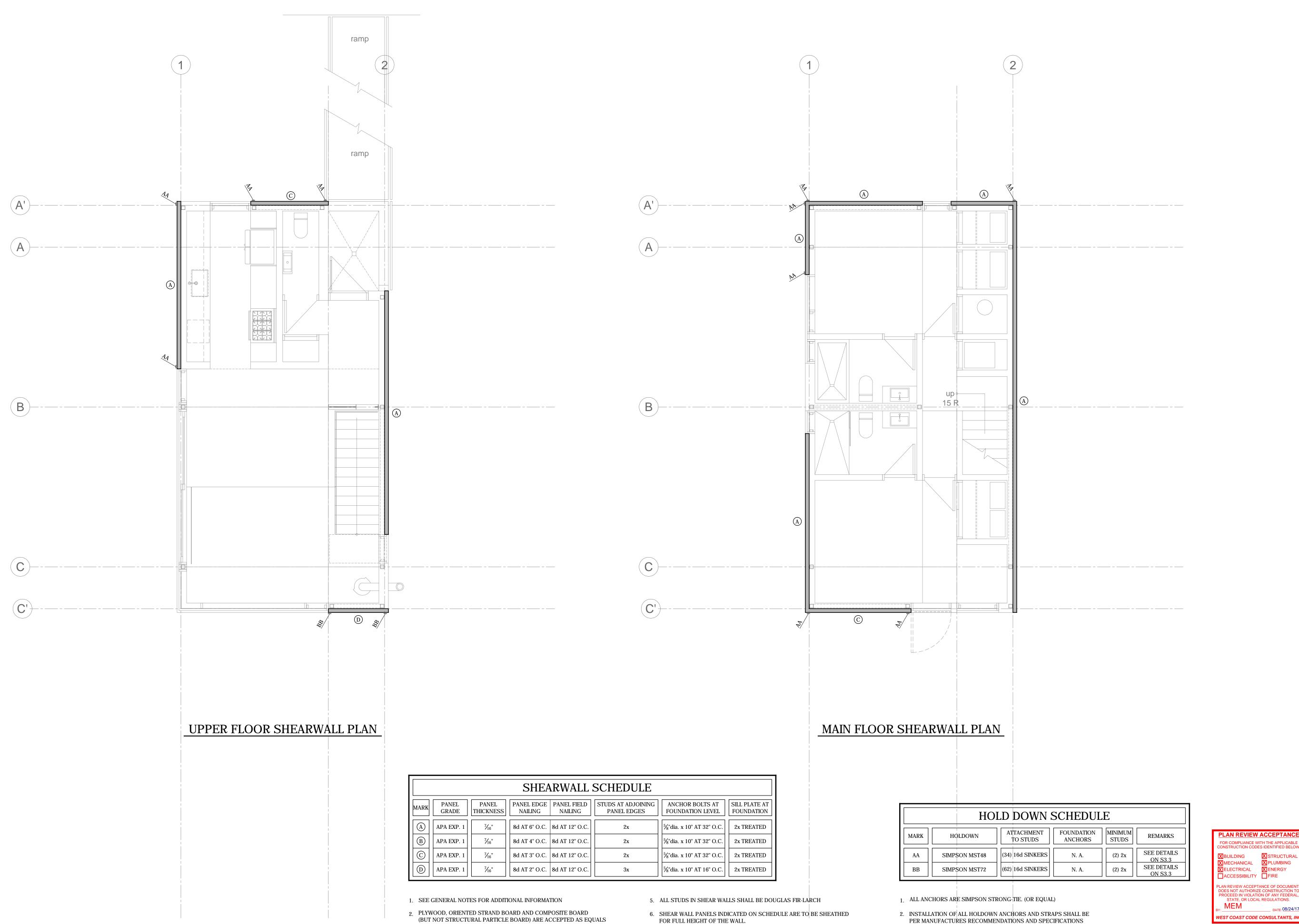
JOB No. 17-088

UPPER FLOOR

UPPER FLOOR AND ROOF FRAMING PLANS

SHEET No.

\$12.2



3. ALL PANEL EDGES AT SHEAR WALLS SHALL BE BACKED WITH 2" NOMINAL FRAMING, EXCEPT WHERE INDICATED TO BE 3" NOMINAL ON SCHEDULE.

2x FRAMING SHALL NOT BE USED WHERE 3x FRAMING IS INDICATED.

4. ALL ANCHOR BOLTS TO HAVE A 3" x 3" x 1/4" PLATE WASHER

(SEE SEE SCHEDULE ABOVE FOR SPACING)

3x MATERIAL MAY BE REPLACED WITH 4x MATERIAL. MULTIPLE LAYERS OF

7. SEE SPECIAL INSPECTION PAGE FOR ADDITIONAL REQUIREMENTS

SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS.

AT ALL PANEL EDGES SHALL BE STAGGERED.

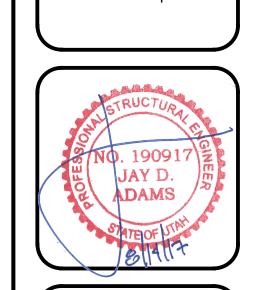
8. WHERE PANELS ARE APPLIED ON BOTH FACES OF A SHEAR WALL AND NAIL

SPACING IS LESS THAN 6" ON CENTER ON EITHER SIDE, PANEL JOINTS

ALTERNATIVELY, THE WIDTH OF THE NAILED FACE OF FRAMING MEMBERS

SHALL BE 3" NOMINAL OR GREATER AT ADJOINING PANEL EDGES AND NAILS

ructural Plans for:
OUNTAIN CABIN



		CHECKED	BY: J	.D.A.
PTANCE APPLICABLE		SCALE:	1/4" =	1'-0"
RUCTURAL		DATE:	JULY 21,	2017
JMBING ERGY E		JOB No.	17	'-088
F DOCUMENTS RUCTION TO NY FEDERAL,		MAIN	I FLOOR	2 &

XBUILDING XSTRUG
XMECHANICAL XPLUMI
XELECTRICAL XENERG ACCESSIBILITY FIRE PLAN REVIEW ACCEPTANCE OF DOCUME DOES NOT AUTHORIZE CONSTRUCTION PROCEED IN VIOLATION OF ANY FEDER STATE, OR LOCAL REGULATIONS.

MEM

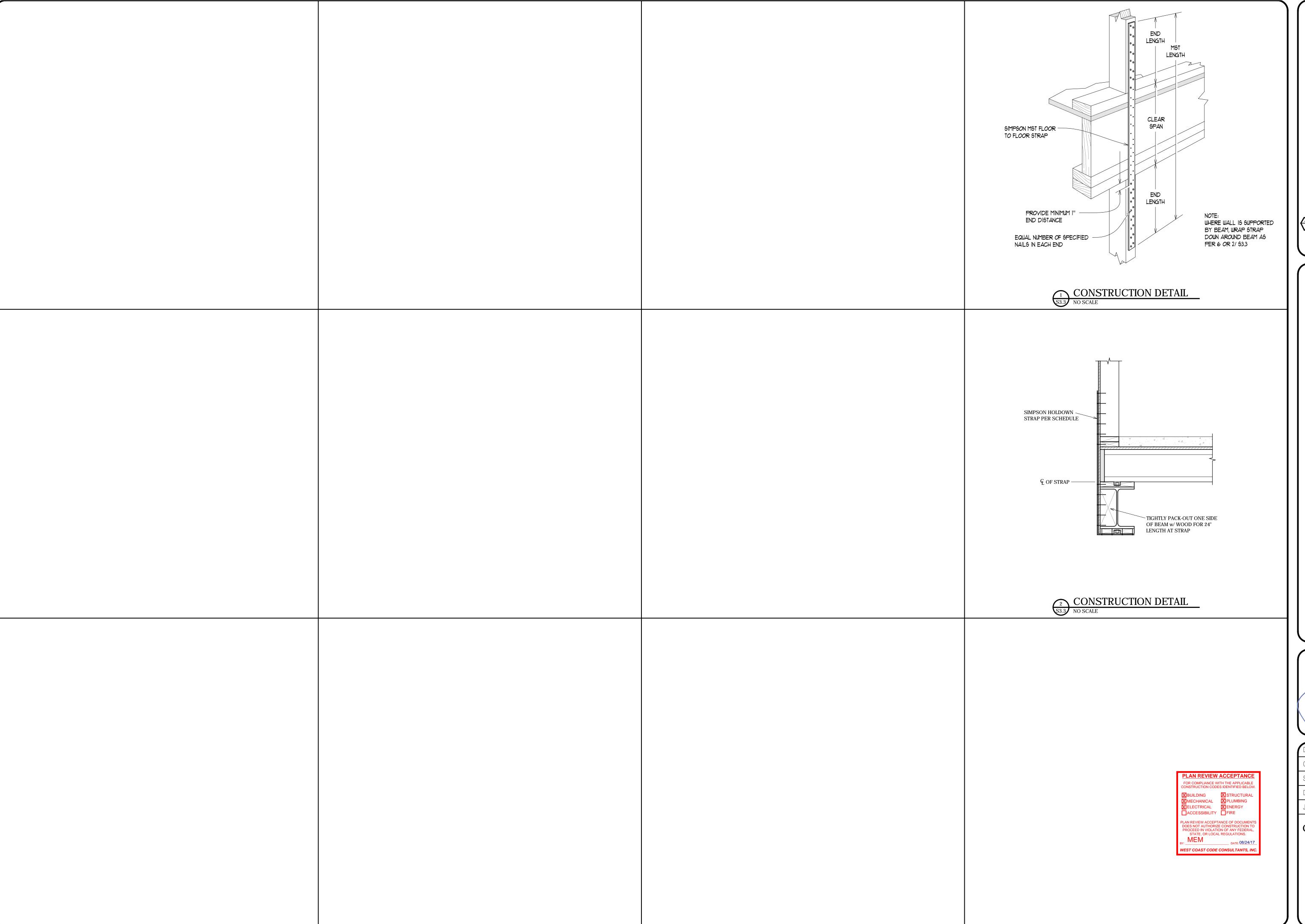
DATE: 08/24 DATE: 08/24/17

3. PROVIDE EDGE NAILING ALONG STUDS

CONNECTED TO HOLDOWN ANCHORS AND STRAPS

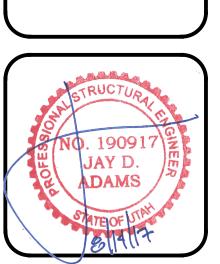
4. SEE SPECIAL INSPECTION PAGE FOR ADDITIONAL REQUIREMENTS

UPPER FLOOR SHEARWALL **PLANS**





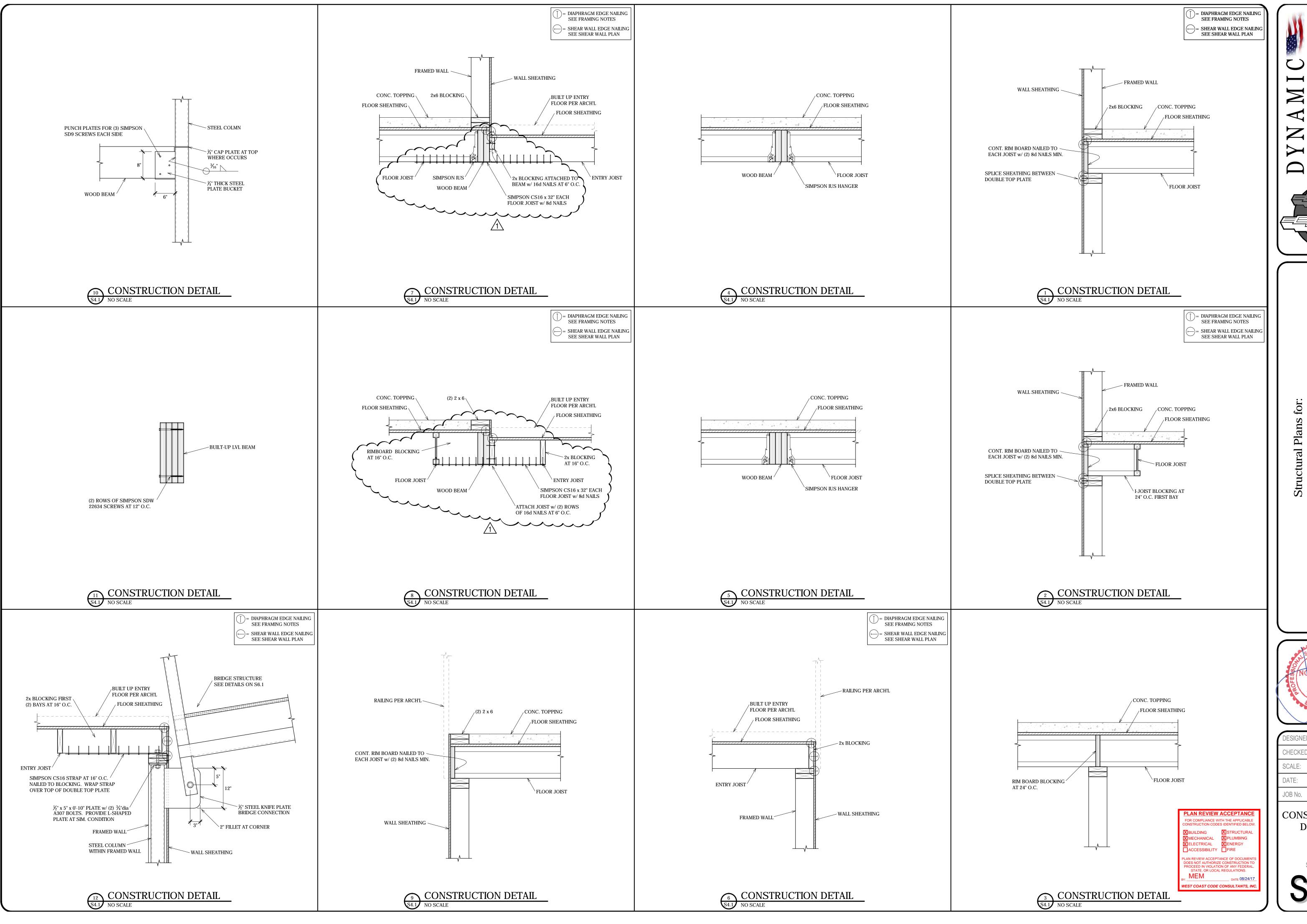
1000 **CABIN** Structural Plans for: MOUNTAIN C **POWDER**

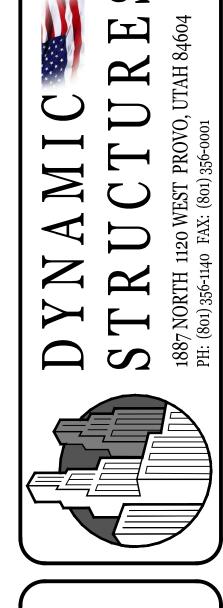


	18(14(1)
DESIGNE	D BY: J.D.A.
CHECKED	BY: J.D.A.
SCALE:	AS SHOWN
DATE:	JULY 21, 2017
IOD NI	17 000

JOB No. 17-088

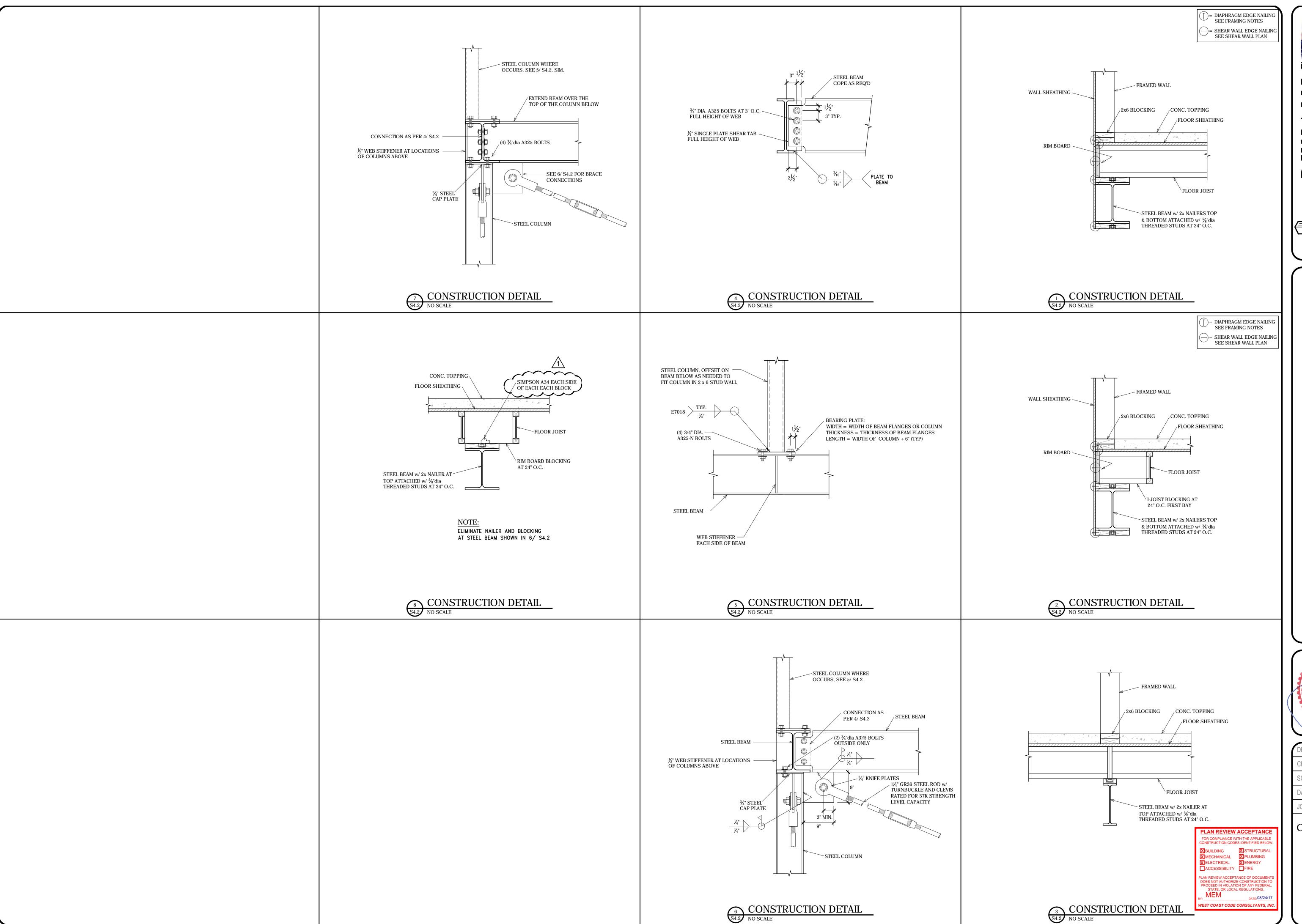
CONSTRUCTION **DETAILS**

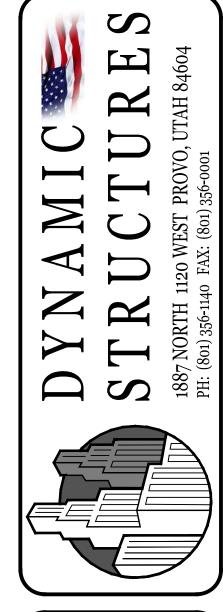




000 ABIN OUNTAIN Str

ESIGNED BY: HECKED BY: J.D.A. AS SHOWN JULY 21, 2017 17-088 CONSTRUCTION **DETAILS**

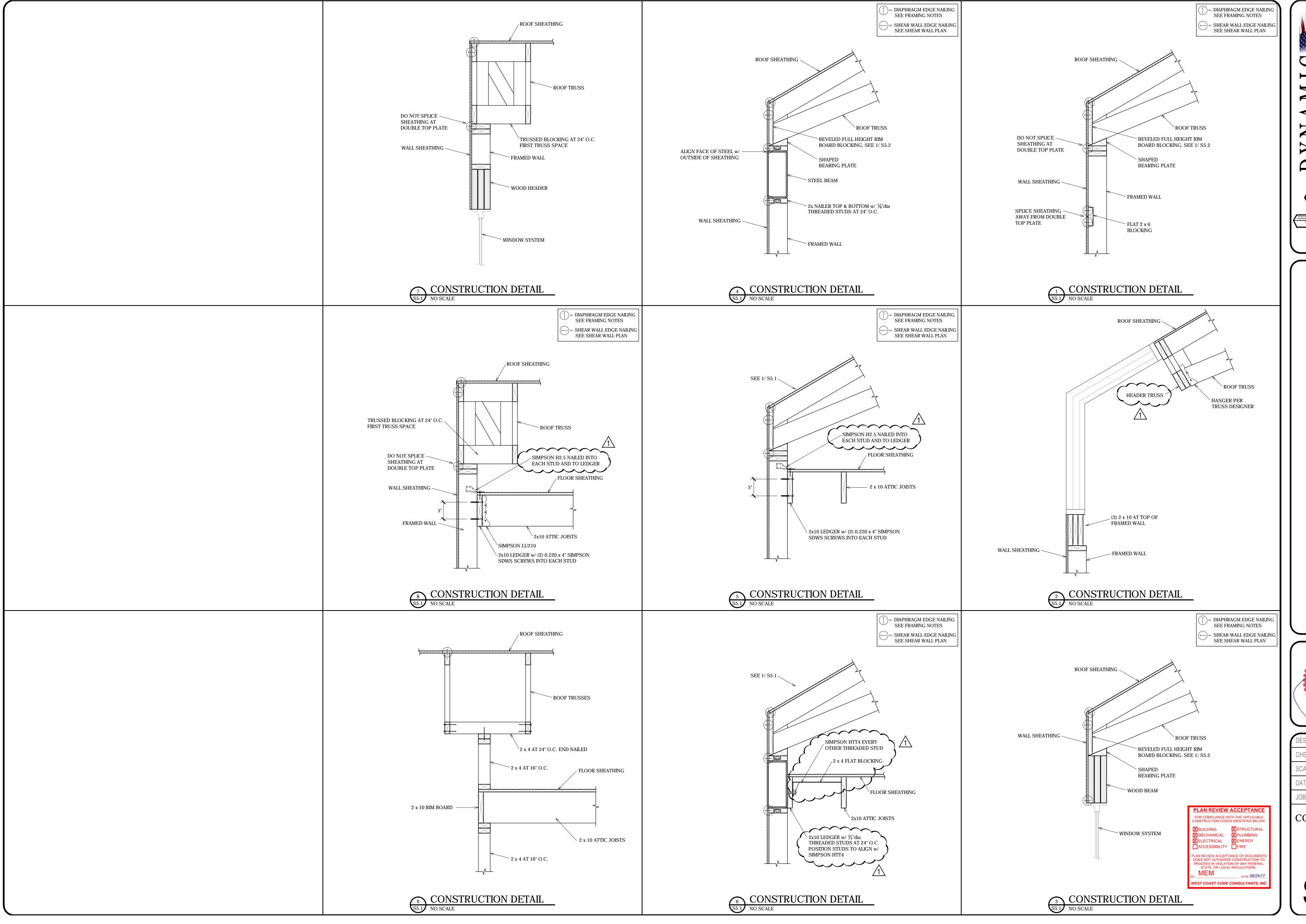


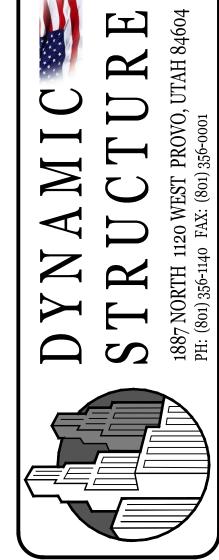


000 $\overline{}$ ABIN OUNTAIN Str POWDER

ESIGNED BY: J.D.A. CHECKED BY: AS SHOWN DATE: JULY 21, 2017 17-088 JOB No.

CONSTRUCTION **DETAILS**





Structural Plans for:
POWDER MOUNTAIN CABIN 1000

NO. 190917 DAY D. ADAMS

DESIGNED BY: J.D.A.

CHECKED BY: J.D.A.

SCALE: AS SHOWN

DATE: JULY 21, 2017

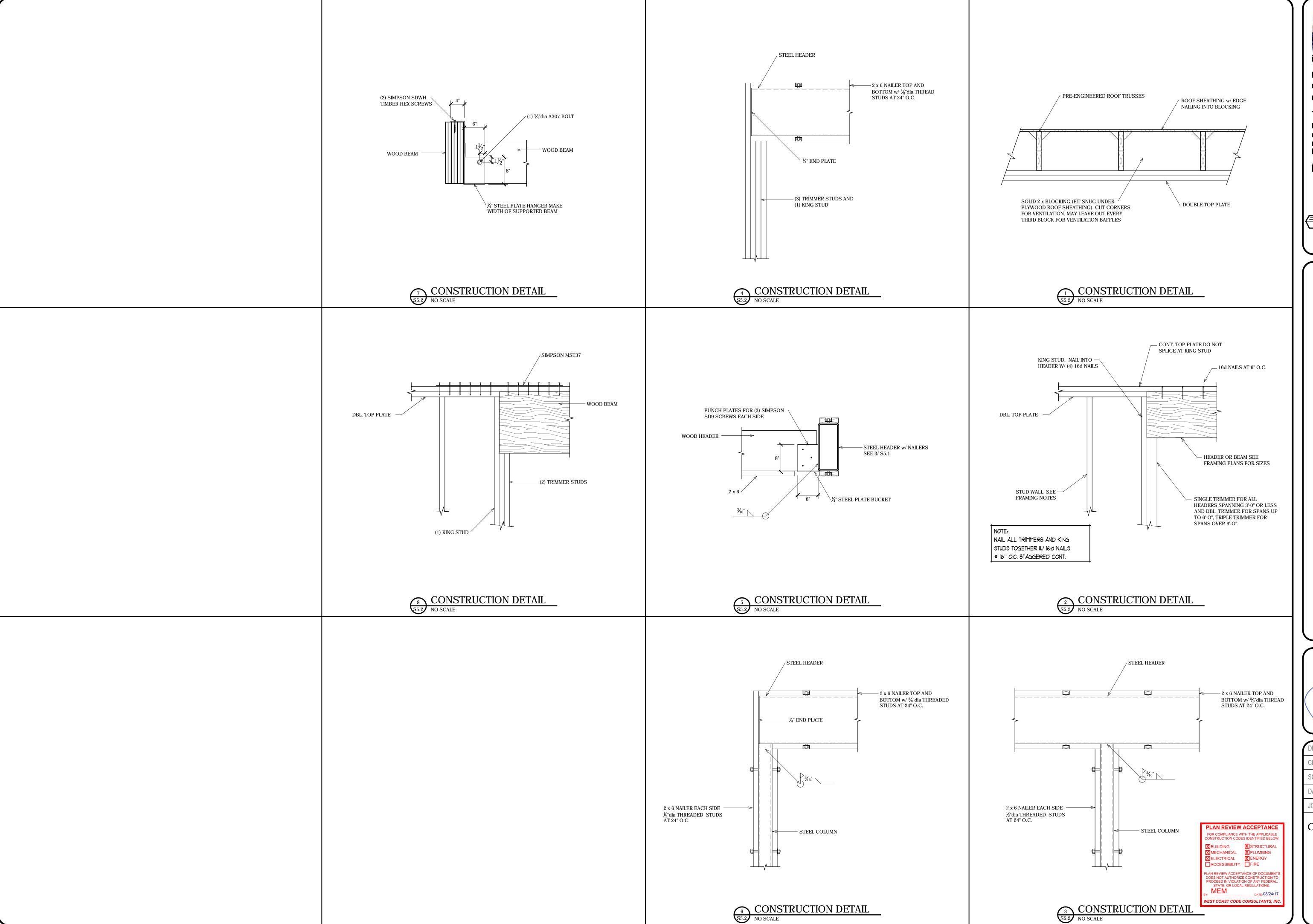
JOB No. 17-088

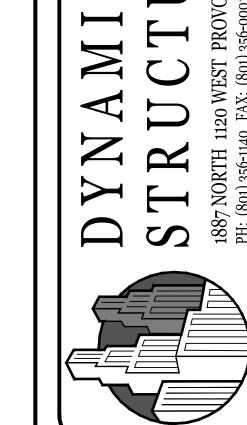
CONSTRUCTION
DETAILS

OETAILS

SHEET No.

SHEET No. **55.1**

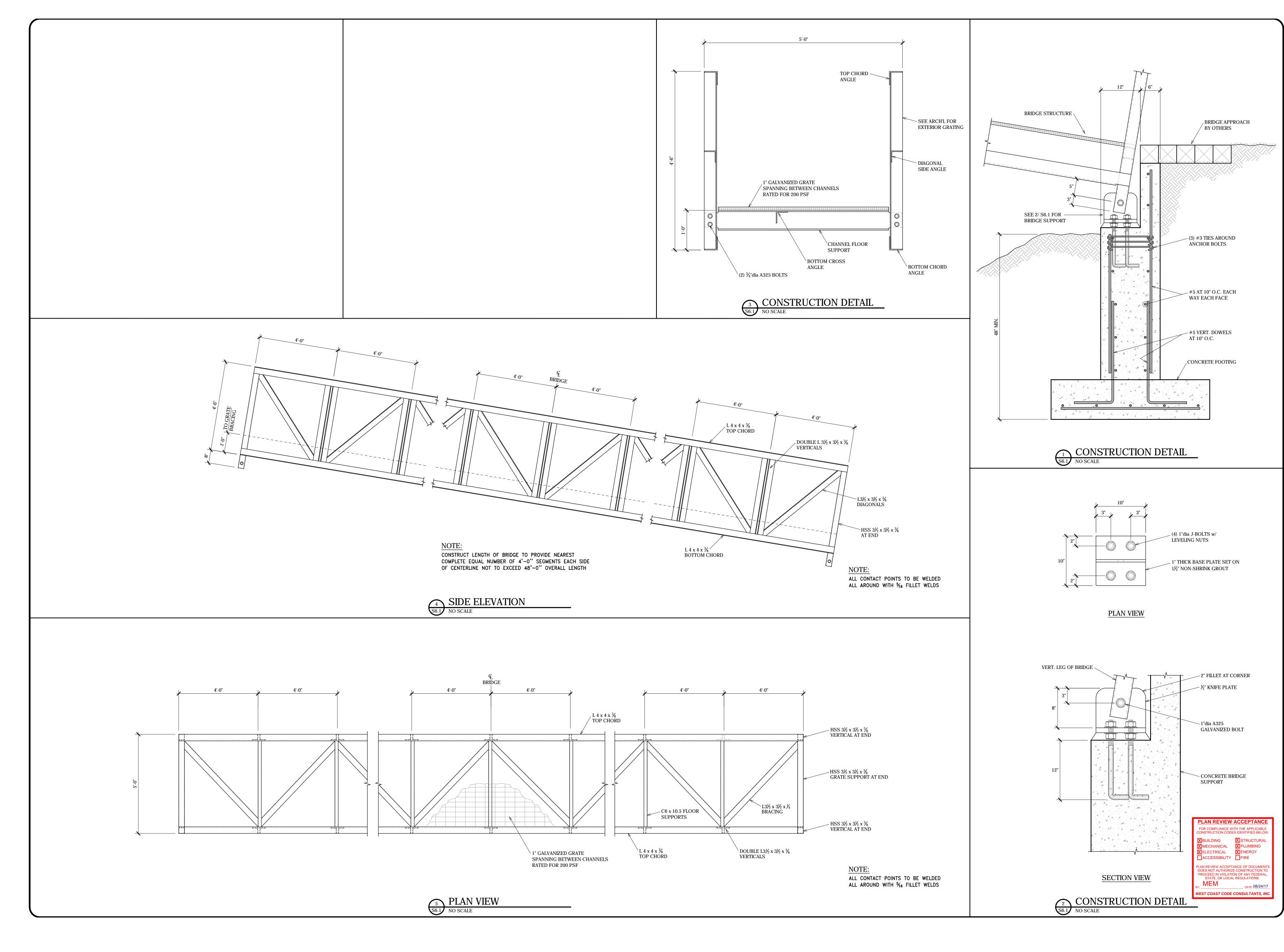




000 ABIN OUNTAIN Str MC POWDER

DESIGNED BY: J.D.A. CHECKED BY: SCALE: AS SHOWN DATE: JULY 21, 2017 17-088 JOB No.

CONSTRUCTION **DETAILS**





000 \blacksquare ABIN tructural Plans for:
OUNTAIN C Str POWDER

J.D.A. DESIGNED BY: CHECKED BY: J.D.A.

AS SHOWN DATE: JULY 21, 2017 17-088 JOB No.

CONSTRUCTION **DETAILS**

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH, 2015 INTERNATIONAL BUILDING CODE, 2015 INTERNATIONAL MECHANICAL CODE, 2015 INTERNATIONAL PLUMBING CODE. 2015 INTERNATIONAL FUEL GAS CODE, 2015 INTERNATIONA RESIDENTIAL CODE AND 2015 INTERNATIONAL ENERGY CODE, INCLUDING STATE AND LOCAL AMENDMENTS, SUBJECT TO
- CLOSELY COORDINATE NEW MECHANICAL AND PLUMBING ARCHITECTURAL AND STRUCTURAL MEMBERS. DUCTWORK AND PIPE ROUTING IS APPROXIMATE, DIAGRAMMATIC AND IS NOT TO BE SCALED. PROVIDE ALTERNATE ROUTING, OFFSETS AND TRANSITIONS AS REQUIRED FOR COORDINATION OF ALL
- PROVIDE SEISMIC RESTRAINT FOR ALL MECHANICAL AND PLUMBING EQUIPMENT AND PIPING IN ACCORDANCE WITH 2012 IBC, IMC, AND IPC. SEISMIC BUILDING CATEGORY (IBC) "II". SITE CLASS "D". SD1=0.365. AND SDS=0.686.
- SUBMIT ALL EQUIPMENT, AIR DEVICES, VALVES, FITTINGS, PIPE MATERIALS, INSULATION, AND ACCESSORIES TO BE ACCESSORIES LISTED ON MECHANICAL SCHEDULE SHEET SUBMIT ELECTRONIC SUBMITTAL TO ARCHITECT FOR REVIEW AND APPROVAL BY ENGINEER. DO NOT PLACE ORDER UNTIL ENGINEER HAS REVIEWED AND APPROVED SUBMITTAL RECORD ALL FIELD CHANGES ON RECORD DRAWINGS AND
- SUBMIT TO ENGINEER DURING PROJECT CLOSE OUT
- STANDARDS FOR 2" WC PRESSURE CLASS. SEAL ALI TRANSVERSE AND LONGITUDINAL SEAMS AND JOINTS EXCEPT FOR WELDED OR LOCKING-TYPE LONGITUDINAL JOINTS.
- 11. DUCT DIMENSIONS SHOWN ARE INSIDE FLOW DIMENSIONS. 12. PROVIDE TEST AND BALANCE REPORT TO ENGINEER FOR

- ALL WASTE AND VENT IS 2" UNLESS OTHERWISE NOTED 17. ALL WASTE AND VENT PIPE SHALL BE SCHEDULE 40 ABS,
- 18. PROVIDE DEEP SEAL TRAP, TRAP GUARD, OR TRAP PRIMERS ON ALL FLOOR DRAINS, ALL FLOOR SINKS, AND ALL STANDPIPES THAT DO NOT HAVE A RELIABLE SOURCE TO
- 20. INSULATE ALL HOT WATER AND RETURN PIPE WITH 1" INSULATION WITH ASJ. INSULATE ALL COLD WATER PIPE
- 21. ALL "BRANCH" HOT AND COLD WATER LINES FEEDING ONE OR TWO SINKS OR LAV'S ARE 1/2". DROP IN WALL AND DISTRIBUTE TO SINKS OR LAV'S AS REQ'D. PROVIDE
- STEEL PIPE WITH SCREWED FITTINGS FOR 2 LB SERVICE. CONTRACTOR MAY USE CSST DOWNSTREAM OF REGULATORS
- 23. PROVIDE "DIRT LEG" AHEAD OF EACH PIECE OF FUEL FIRED
- 24. SUPPORT GAS PIPING WITH METAL PIPE HOOKS, METAL PIPE STRAPS, METAL BANDS, METAL-BRACKETS, METAL HANGERS OR BUILDING STRUCTURAL COMPONENTS WITH SUPPORTS SPACED CLOSER THAN INDICATED IN GAS PIPE SUPPORT SCHEDULE. MOUNT GAS PIPE "TIGHT" TO BUILDING STRUCTURE OR WITHIN 1'-0" OF BUILDING STRUCTURE TO

Horizon Neighborhoo CABIN MacKay-Lyons Sweetapple Architects Limited 2188 Gottingen St. Halifax, Nova Scotia Canada B3K 3B4 ph: (902) 429.1867 fax: (902) 429.6276



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X STRUCTURAL **X** PLUMBING XELECTRICAL XENERGY □ ACCESSIBILITY □ FIRE DATE: 08/24/17 WEST COAST CODE CONSULTANTS, INC

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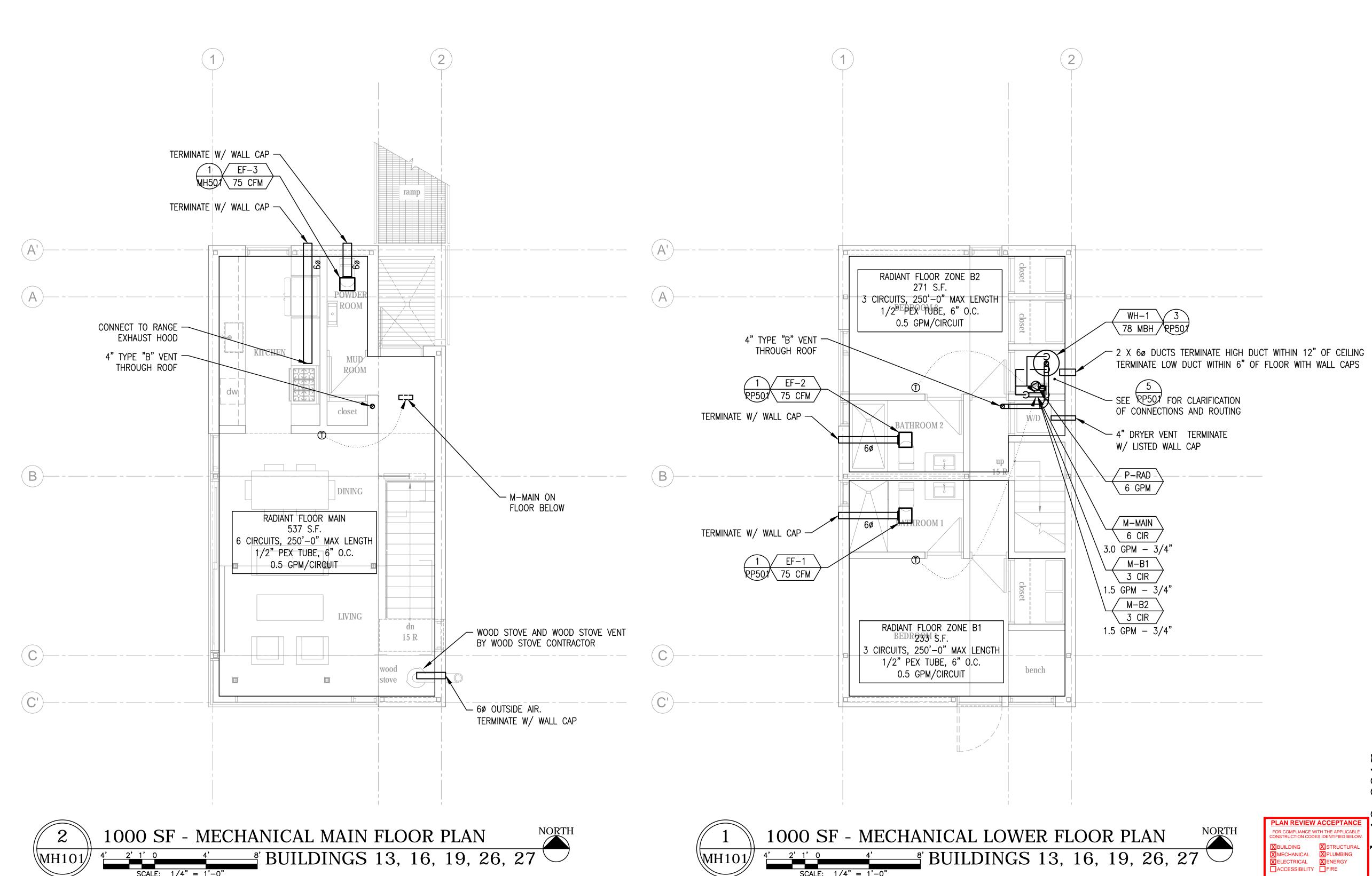
consult Architect. All minimum dimensions are to omply with the National Building Code of Canada.

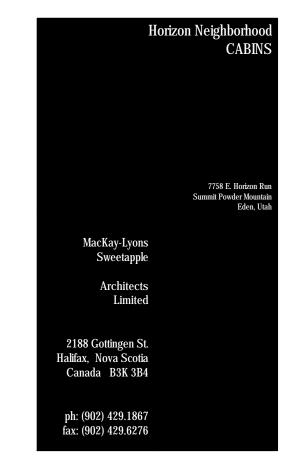
SHOP DRAWINGS Submit shop drawings to the Architect and Engineer for proval prior to manufacture of prefabricated elements

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NOTES

mi scale: AS NOTED date: 03/13/2017 drawn: STAFF chk'd: SMD







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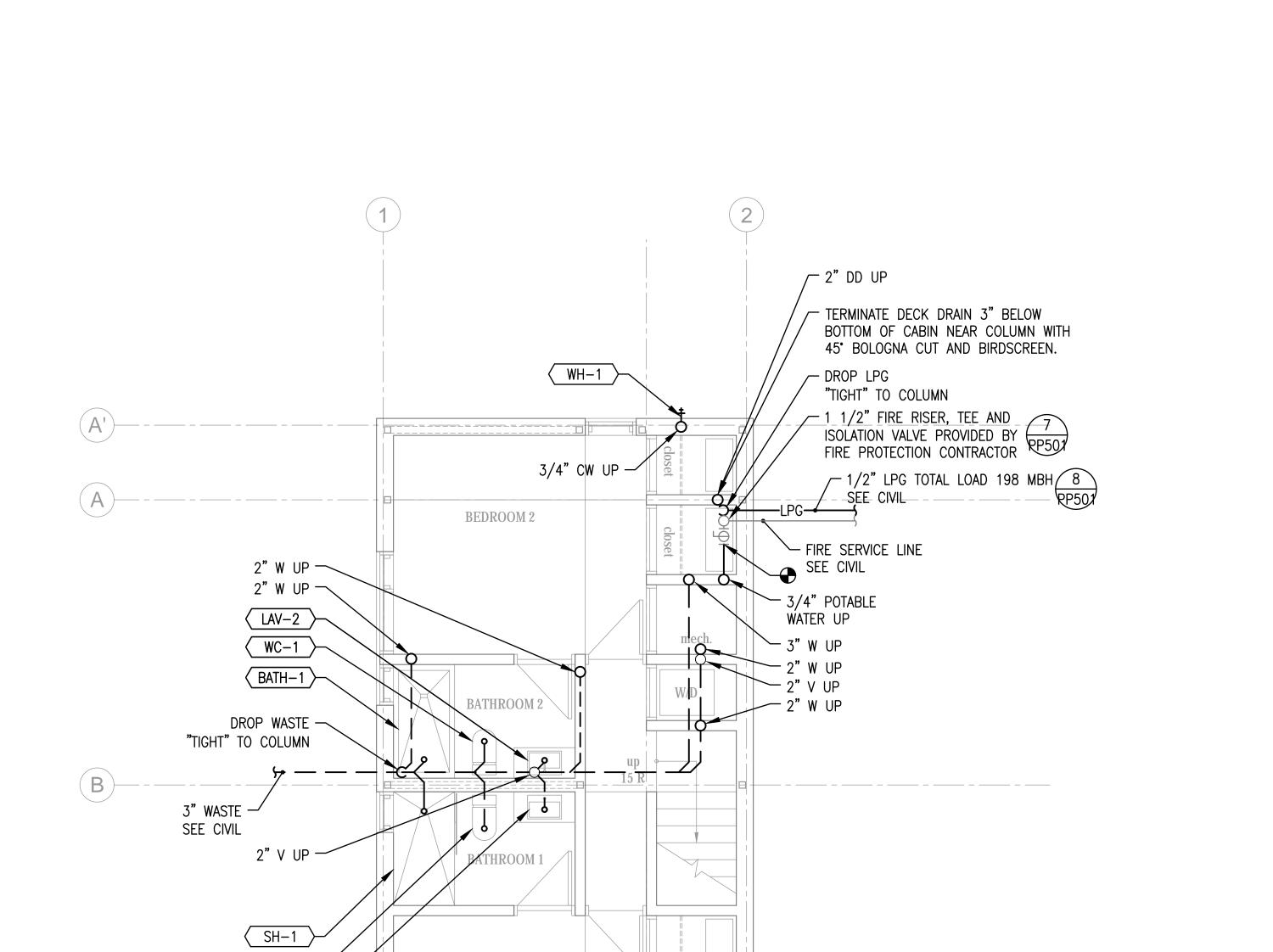
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MECHANICAL FLOOR PLANS

scale: AS NOTED
date: 03/13/2017
drawn: STAFF

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MH101



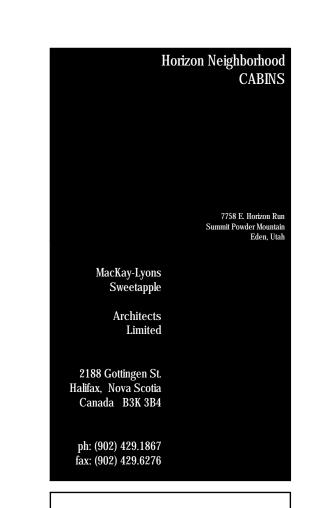
bench



BEDROOM 1

WC-1

LAV-2





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XSTRUCTURA

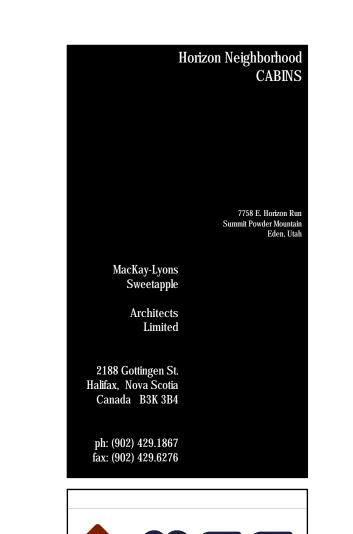
XMECHANICAL
XPLUMBING

XELECTRICAL
XENERGY

ACCESSIBILITY
FIRE

FLOOR PLAN mit

scale: AS NOTED drawn: STAFF

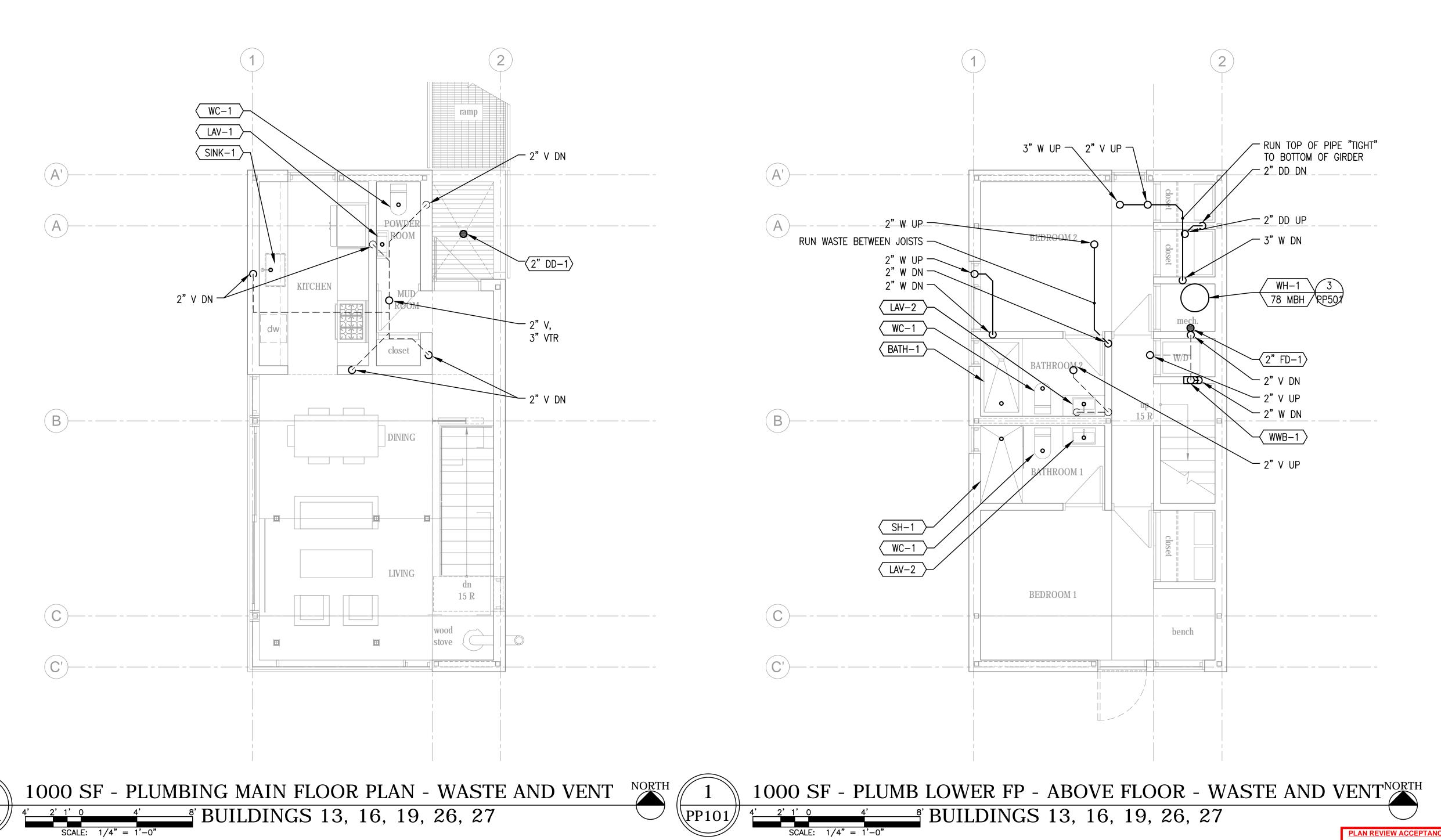


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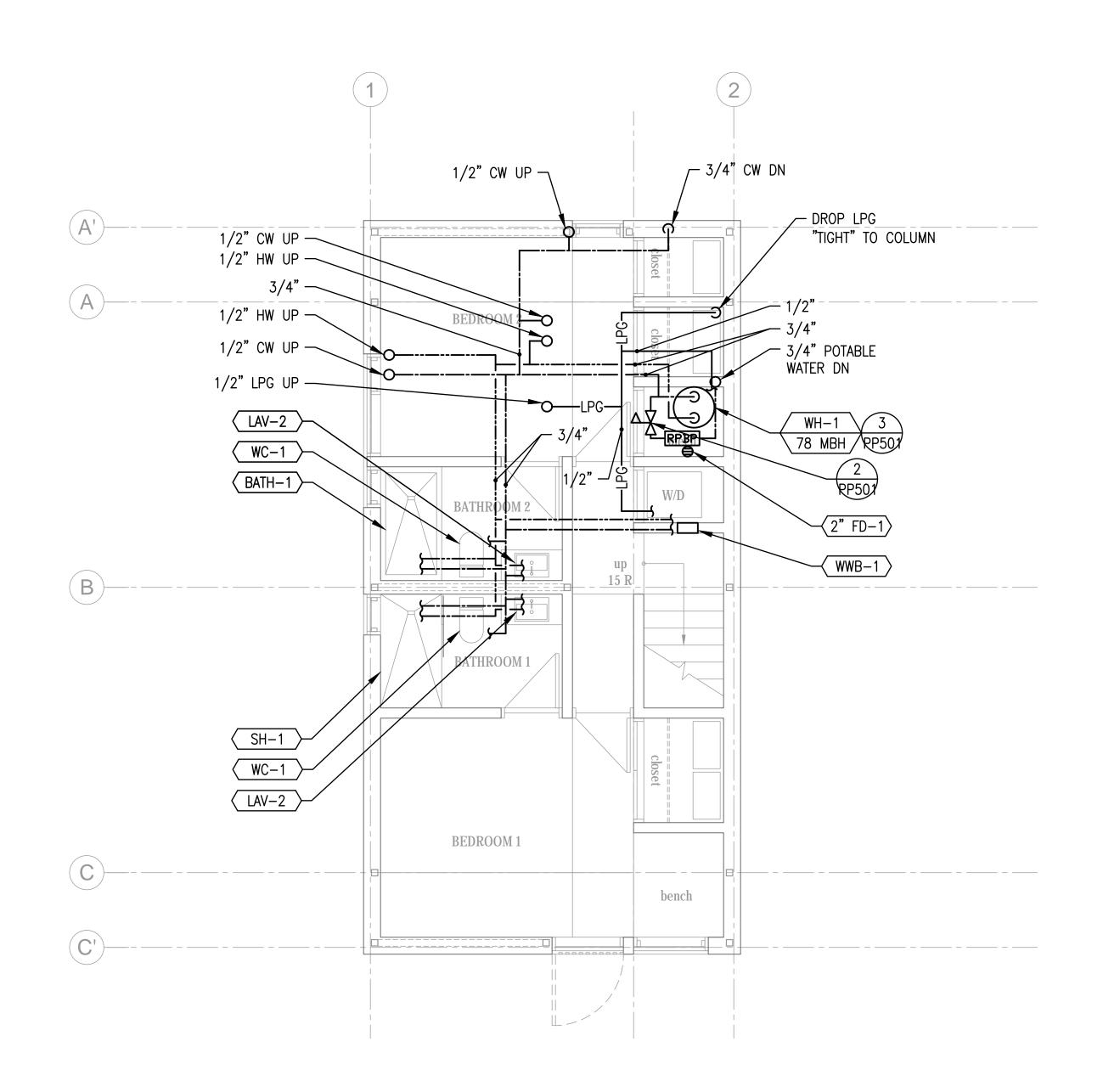
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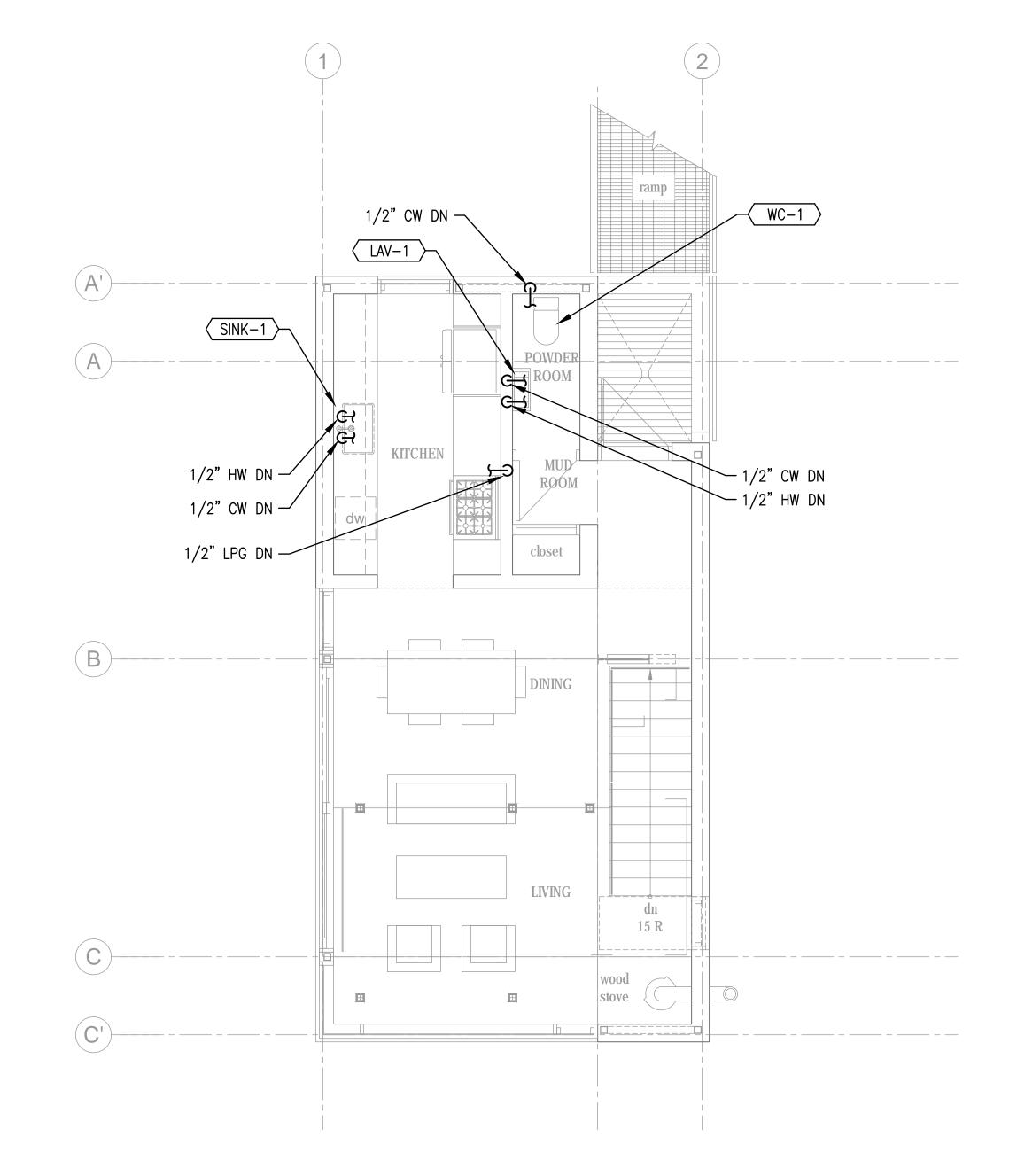
FLOOR PLANS - WASTE AND **VENT**

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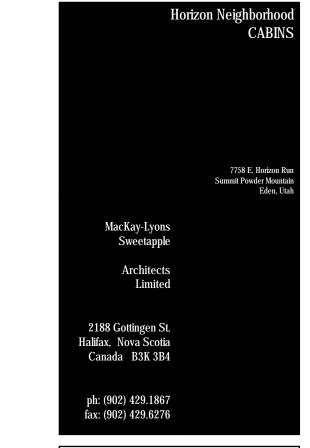
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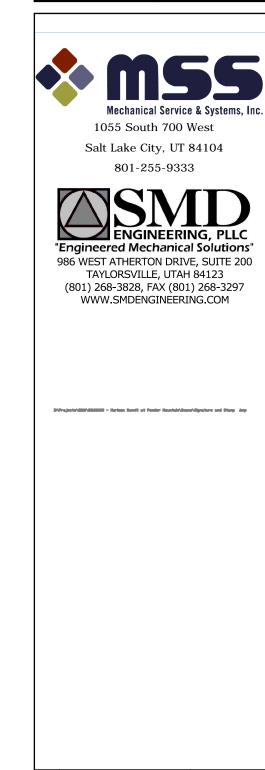












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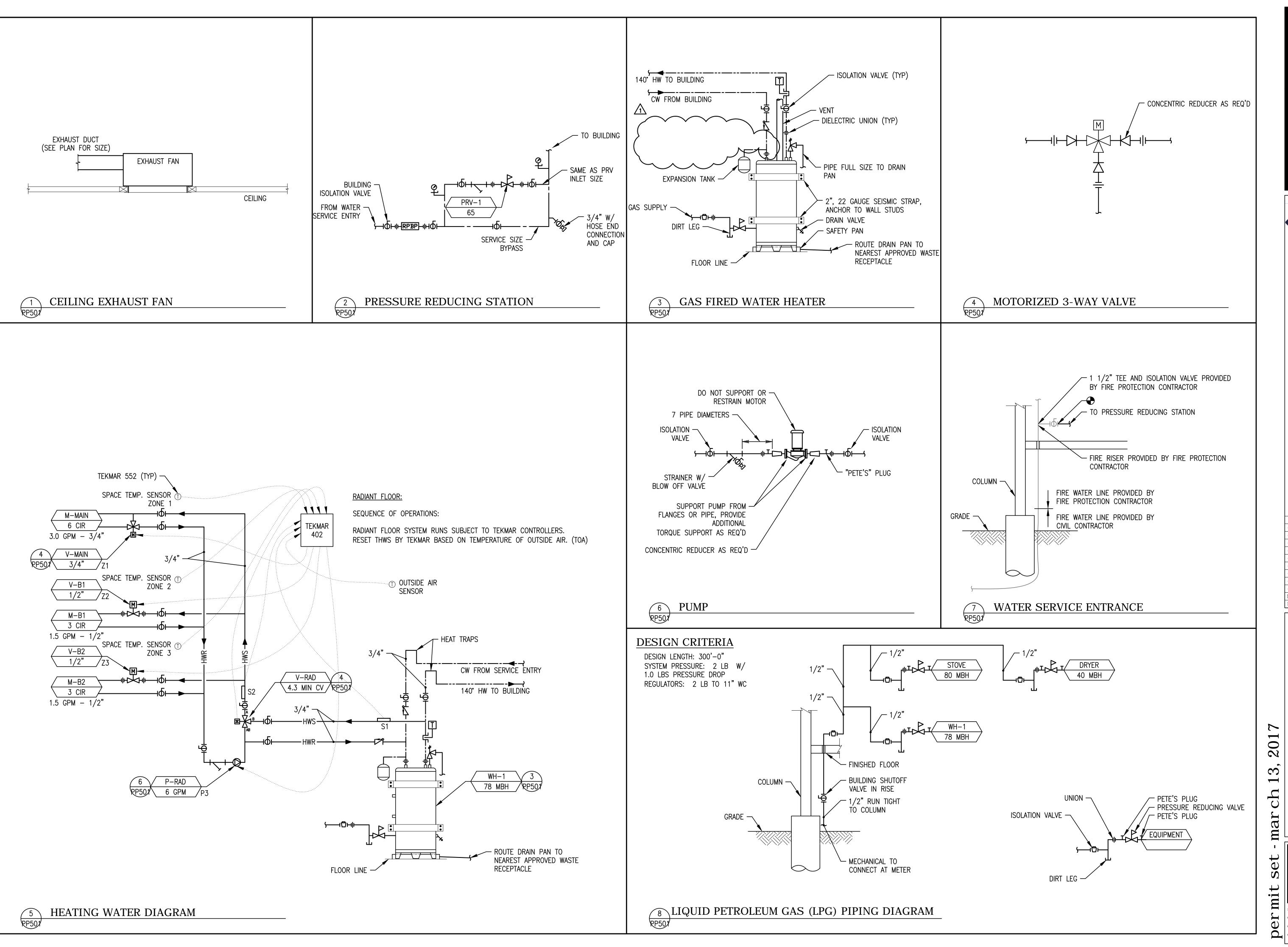
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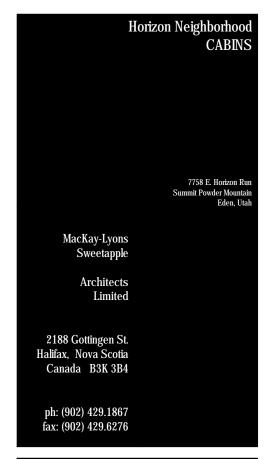
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FLOOR PLANS mit

VEST COAST CODE CONSULTANTS, INC

scale: AS NOTED drawn: STAFF









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PLAN REVIEW ACCEPTANCE

FOR COMPLIANCE WITH THE APPLICABLE
CONSTRUCTION CODES IDENTIFIED BELOW.

| BUILDING | STRUCTURAL
| MECHANICAL | PLUMBING
| ELECTRICAL | ENERGY
| ACCESSIBILITY | FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS
DOES NOT AUTHORIZE CONSTRUCTION TO
PROCEED IN VIOLATION OF ANY FEDERAL,
STATE, OR LOCAL REGULATIONS.

| MEM | DATE: 08/24/17
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PLUMBING DETAILS

scale: AS NOTED
date: 03/13/2017
drawn: STAFF

PP501

PRV	SCF	HEDU	JLE ((PRV)	PRV GPM
MARK	SIZE	GPM	PD PSI	SETTING	MANUFACTURER MODEL
PRV-1	3/4	20	10	65	WATTS LFN45B

		PIPING LEC		
SYSTEM	SIZE	MATERIAL	INSULATION	FITTINGS
UNDERGROUND WASTE AND VENT	ALL	SCHEDULE 40 PVC SOLID CORE	N/A	SOLVENT WELD FITTINGS
UNDERGROUND WASTE AND VENT	ALL	ABS	N/A	SOLVENT WELD FITTINGS
ABOVE GROUND WASTE AND VENT	ALL	NO HUB CAST IRON	N/A	NO HUB CAST IRC
ABOVE GROUND WASTE AND VENT	ALL	ABS/SCHEDULE 40 PVC SOLID CORE	N/A	SOLVENT WELD FITTINGS
DOMESTIC HOT AND RECIRC	ALL	TYPE "L" COPPER	1" FIBERGLASS	PRO-PRESS FITTING
DOMESTIC HOT AND RECIRC	ALL	PEX-A	1" FIBERGLASS	MANUFACTURER'S FITTINGS
DOMESTIC COLD	ALL	TYPE "L" COPPER	N/A	PRO-PRESS FITTING
DOMESTIC COLD	ALL	PEX-A	N/A	MANUFACTURER'S FITTINGS
ABOVE GROUND HEATING WATER	2 1/2" -	SCHEDULE 40 STEEL	1" FIBERGLASS	WELDED OR GROVE FITTINGS
ABOVE GROUND HEATING WATER	1/2" – 2"	SCHEDULE 40 STEEL	1" FIBERGLASS	MEGA-PRESS OR THREADED FITTING
ABOVE GROUND HEATING WATER	ALL	PEX-A W/ OXYGEN BARRIER	1" FIBERGLASS	MANUFACTURER'S FITTINGS
ABOVE GROUND HEATING WATER	2 1/2" -	TYPE "L" COPPER	1" FIBERGLASS	PROPRESS FITTING
ABOVE GROUND HEATING WATER	1 1/4" - 2"	TYPE "L" COPPER	1" FIBERGLASS	PROPRESS FITTING
ABOVE GROUND HEATING WATER	1/2" -	TYPE "L" COPPER	1" FIBERGLASS	PROPRESS FITTING

	NEW V	VALVE	SCHE	DULE (V	V) SIZE
MARK	SYSTEM SERVED	FLOW GPM	CONFIG.	CONNECTION SIZE	REMARKS
V-RAD	RADIANT FLOOR SYSTEM	6	3-WAY	3/4"	4.3 MINIMUM CV
V-MAIN	RADIANT FLOOR ZONE MAIN	3	3-WAY	3/4"	
V-B1	RADIANT FLOOR MANIFOLD B1	1.5	2-WAY	1/2"	
V-B2	RADIANT FLOOR MANIFOLD B2	1.5	2-WAY	1/2"	

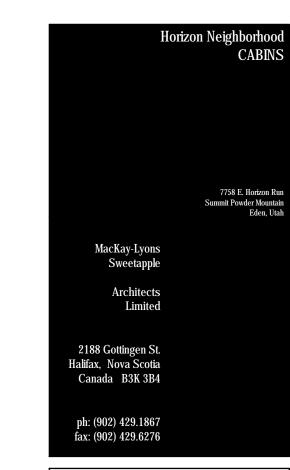
			RO	UGH IN SI	IZE		MANUELACTURED	
MARK	FIXTURE	WASTE IN	TRAP IN	VENT IN	HW IN	CW IN	MANUFACTURER MODEL	REMARKS
WC-1	WATER CLOSET, FLOOR MOUNTED, TANK TYPE	3	2	2	N/A	1/2	DURAVIT 2125010000 STARCK 3	WHITE VITREOUS CHINA, TWO-PIECE TOILET, 1.28 GPF, 12" ROUGH-IN, 3" FLUSH VALVE, 15-3/4" FLOOR TO RIM, ELONGATED BOWL, W/ DURAVIT SEAT AND COVER #00633900, CHROMED QUARTER TURNED ANGLE STOP AND CHROMED BRASS SUPPLY.
LAV-1	LAVATORY AND FAUCET	2	1 1/4	2	1/2	1/2	DURAVIT 070350.00 LAVATORY WITH HANGSGROHE 32146001 FAUCET	VITREOUS CHINA, 19 5/8" X 9 7/8" X 4-1/8"D, SINGLE CONTROL FAUCET, CHROMED QUARTER TURNED ANGLE STOPS, CHROMED BRASS SUPPLIES, CHROMED BRASS "P" TRAP, AND ASSE 1070 COMPLIANT WATER TEMPERATURE LIMITING DEVICE, SET TO 110°F.
LAV-2	UNDERCOUNTER BASIN AND SINGLE CONTROL FAUCET	2	1 1/4	2	1/2	1/2	DURAVIT 033048.00 LAVATORY WITH HANGSGROHE 32146001 FAUCET	VITREOUS CHINA, 19 1/8" X 12 3/8" X 6-1/4"D, SINGLE CONTROL FAUCET, CHROMED QUARTER TURNED ANGLE STOPS, CHROMED BRASS SUPPLIES, CHROMED BRASS "P" TRAP, AND ASSE 1070 COMPLIANT WATER TEMPERATURE LIMITING DEVICE, SET TO 110°F.
BATH-1	RECTANGLE TUB WITH FAUCET	2	2	2	1/2	1/2	KOHLER K-1130 BATH WITH HANGSGROHE 38410001 FAUCET	RECTANGLE 5'-0", DROP-IN INSTALLATION, ARCHER BATH DRAIN K-7272, CHROMED QUARTER TURNED ANGLE STOPS, CHROMED BRASS SUPPLIES, CHROMED BRASS "P" TRAP, ASSE 1070 COMPLIANT WATER TEMPERATURE LIMITING DEVICE, SET TO 110°F.
SH-1	SHOWER VALVE	2	2	2	1/2	1/2	HANSGROHE ECOSTAT S PRESSURE BALANCE TRIM WITH DIVERTER AND RAINDANCE S 150 AIR 3-JET SHOEWRHEAD	PRESSURE BALANCED SHOWER VALVE W/INTEGRAL SERVICE STOPS, 4.5 GPM, TEMPERATURE AND ON/OFF CONTROLS FOR 2 OUTLETS, REQUIRED ACCESSORIES: IBOX UNIVERSAL PLUS ROUGH WITH SERVICE STOPS. RAINDANCE S 150 AIR 3—JET SHOWERHEAD, SHOWERHEAD FLOW 2.5 GPM, STANDARD SHOWERARM 6" AND ASSE 1070 COMPLIANT WATER TEMPERATURE LIMITING DEVICE, SET TO 110°F.
SINK-1	SINK, SINGLE COMPARTMENT, STAINLESS STEEL, UNDER COUNTER MOUNTED, W/ GOOSENECK FAUCET AND DISPOSAL	2	1 1/2	2	1/2	1/2	FRANKE FCUX11027 HANSGROHE TALIS S FAUCET IN-SINK-ERATOR BADGER 5 DISPOSAL	STAINLESS STEEL UNDER COUNTER SINK, GOOSENECK FAUCET, CHROMED QUARTER TURNED ANGLE STOPS, CHROMED BRASS SUPPLIES, CHROMED BRASS "P" TRAP. INSINKERATOR MODEL BADGER 5 W/ 1/2 HP, 120 VOLT, SINGLE PHASE DISPOSAL MOTOR AND 36" POWER CHORD W/ 3 PRONG PLUG. PROVIDE DISHWASHER CONNECTION AND HW QUARTER TURNED BALL VALVE STOP, AND ASSE 1070 COMPLIANT WATER TEMPERATURE LIMITING DEVICE, SET TO 110°F.
ICE-1	ICE WALL BOX	N/A	N/A	N/A	N/A	1/2	OATEY 039136	NO LEAD, 4X4 PLASTIC OUTLET BOX OUTLET BOX AND QUARTER TURNED ANGLE STOP.
WWB-1	WASHING MACHINE WALL BOX	2	2	2	1/2	1/2	IPS 182056	NO LEAD, WASHING MACHINE OUTLET BOX W/ MINI-RESTER WATER HAMMER ARRESTERS.
WH-1	NON-FREEZE WALL HYDRANT	N/A	N/A	N/A	N/A	3/4	WOODFORD MODEL 17	EXPOSED ANTI-SYPHON NON-FREEZE WALL HYDRANT W/ INTEGRAL BACK FLOW PREVENTER OPERATOR, 3/4" MALE HOSE CONNECTION AND POLISHED BRONZE FINISH.
FD-1	FLOOR DRAIN	х	Х	X/2 2" MIN	N/A	N/A	PROFLO PF42800	CAST IRON BODY, ADJUSTABLE NICKEL BRONZE STRAINER ASSEMBLY, MEMBRANE CLAMP, WEEP HOLES, AND TRAP PRIMER CONNECTION.
DD-1	DECK DRAIN	Х	N/A	N/A	N/A	N/A	ZURN RD2120-AB2-C	ABS BODY COMPLETE WITH STEEL-THREADED INSERTS FOR INCREASED STRENGTH AND LONGEVITY. STANDARD TO THE ABS ROOF DRAIN IS A CAST IRON CLAMP DEVICE WITH AN INTEGRAL GRAVEL GUARD. REMOVE DOME STRAINER. INSTALL WATERPROOF MEMBRANE.

					LPG	FIRE	ED W	ATE	R HE	EATE	R SC	CHED	ULE	(WH	[)		WH GAL
MARK	INPUT MBH	OUT. MBH	EFF. %	FUEL	TANK GAL	REC. GPH	TEMP. RISE *F	OPER. TEMP. *F	FL D IN	UE TYPE	D IN	DIMENSION H IN	S WT LBS	ELECT VOLT/ PHASE	RICAL AMP	MANUFACTURER MODEL	REMARKS
WH-1	78	63	80	LPG	55	84	90	140	4	TYPE "B"	22	60	650	N/A	N/A	BRADFORDWHITE RG155H6X	W/ AMTROL ST-5-C EXPANSION TANK

					EX	KHAU	IST I	FAN S	SCHEI	DULE	(EF)				EF CFM
				ESP	FANI		М	OTOR					ODENINO	MANUIFACTURED	
MARK	AREA SERVED	TYPE	CFM	(IN WC)	FAN RPM	RPM	BHP	HP	VOLT /PHASE	SONES	DAMPER	CONTROL	opening Size in	MANUFACTURER MODEL	REMARKS
EF-1	BATHROOM 1	CEILING	75	0.5	1200	1200	69 WATT	N/A	120/1ø	3.9	GRAVITY	WALL SWITCH	N/A	COOK GC-162	NOTE 1
EF-2	BATHROOM 2	CEILING	75	0.5	1200	1200	69 WATT	N/A	120/1ø	3.9	GRAVITY	WALL SWITCH	N/A	COOK GC-162	NOTE 1
EF-3	POWDER ROOM	CEILING	75	0.5	1200	1200	69 WATT	N/A	120/1ø	3.9	GRAVITY	WALL SWITCH	N/A	COOK GC-162	NOTE 1

NOTE 1: PROVIDE 6" PAINTABLE WALL CAP WITH INTEGRAL BACKDRAFT DAMPER.

ľ	MANIFOLD S	SCHEDU	JLE (M	$(1) \stackrel{M}{\stackrel{\text{GPM}}{\longrightarrow}}$
MARK	SYSTEM SERVED	GPM/CIRC	FLOW GPM	CIRCUITS/ SIZE
M-MAIN	MAIN FLOOR	0.5	3	6 - 3/4"
M-BD1	BEDROOM 1	0.5	1.5	3 - 3/4"
M-BD2	BEDROOM 2	0.5	1.5	3 - 3/4"





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FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW

3/Projects/886/486688 - Harison Savelt at Pander Houstals/Saves/Algosture and Storp - Amp

MECHANICAL MELECTRICAL MENERGY

□ ACCESSIBILITY FIRE WEST COAST CODE CONSULTANTS, INC

1 CODE REVIEW	08/16/2017
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No. Description	Date
No. Description Revision:	

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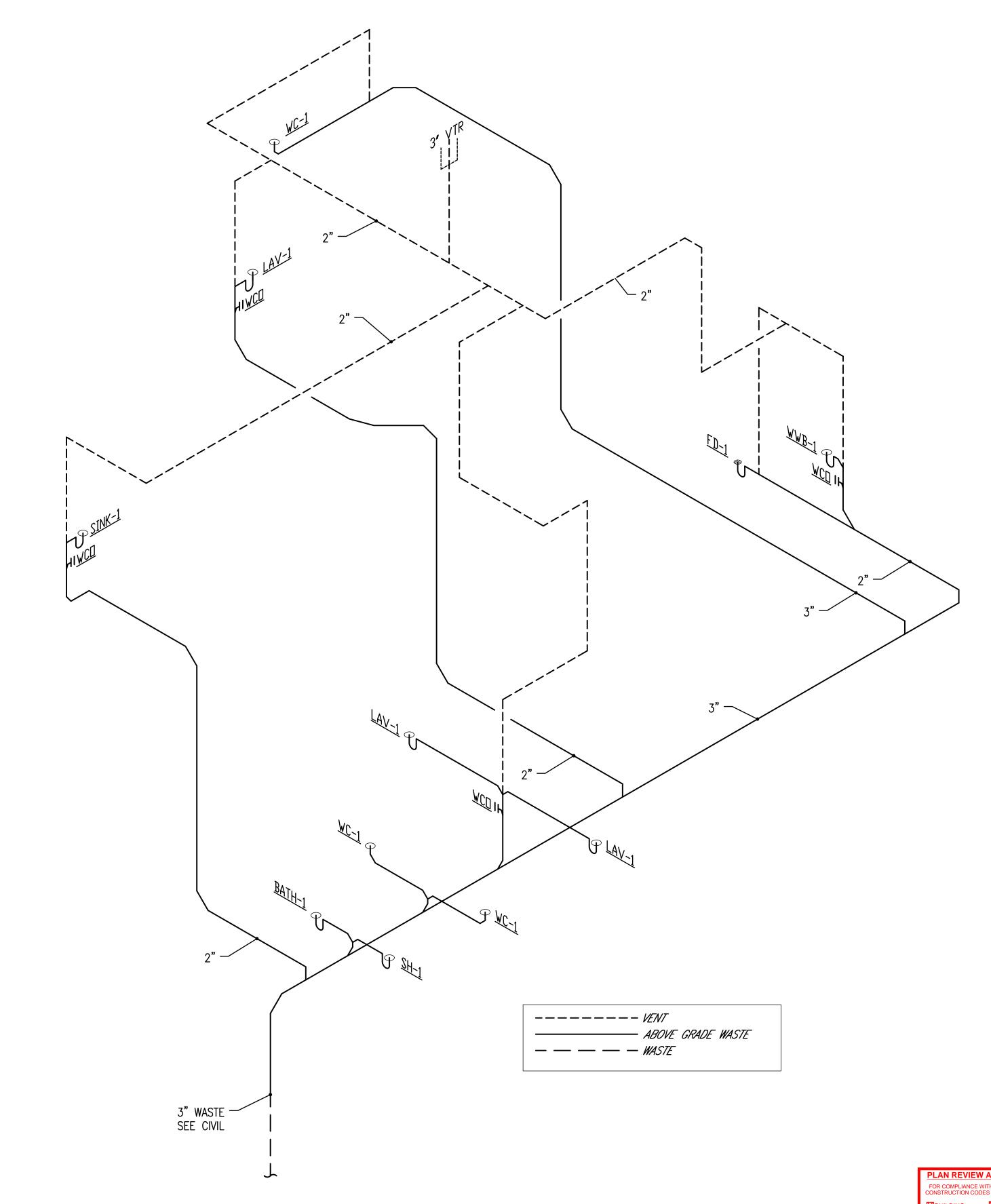
DIMENSIONS: All dimensions must be verified on site. Do not scale off drawings. Plans take precedent over elevations. In the absence of dimensions, or if discrepancies exist, consult Architect. All minimum dimensions are to

comply with the National Building Code of Canada. SHOP DRAWINGS:

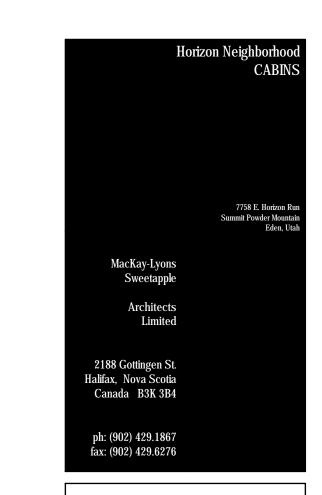
Submit shop drawings to the Architect and Engineer for approval prior to manufacture of prefabricated elements

SCHEDULES

scale: AS NOTED date: 03/13/2017 drawn: STAFF
chk'd: SMD



1000 SF - PLUMBING WASTE AND VENT ISOMETRIC PP901 BUILDINGS 13, 16, 19, 26, 27





SMD ENGINEERING, PLLC
"Engineered Mechanical Solutions"
986 WEST ATHERTON DRIVE, SUITE 200
TAYLORSVILLE, UTAH 84123
(801) 268-3828, FAX (801) 268-3297
WWW.SMDENGINEERING.COM

Projecto/dout/dousesso	Herteen	Surell	at	Pender	Hountain/Scene	r\illgns/ture	and :	81

1	CODE REVIEW	08/16/2017
##		##XXX####
No.	Description	Date

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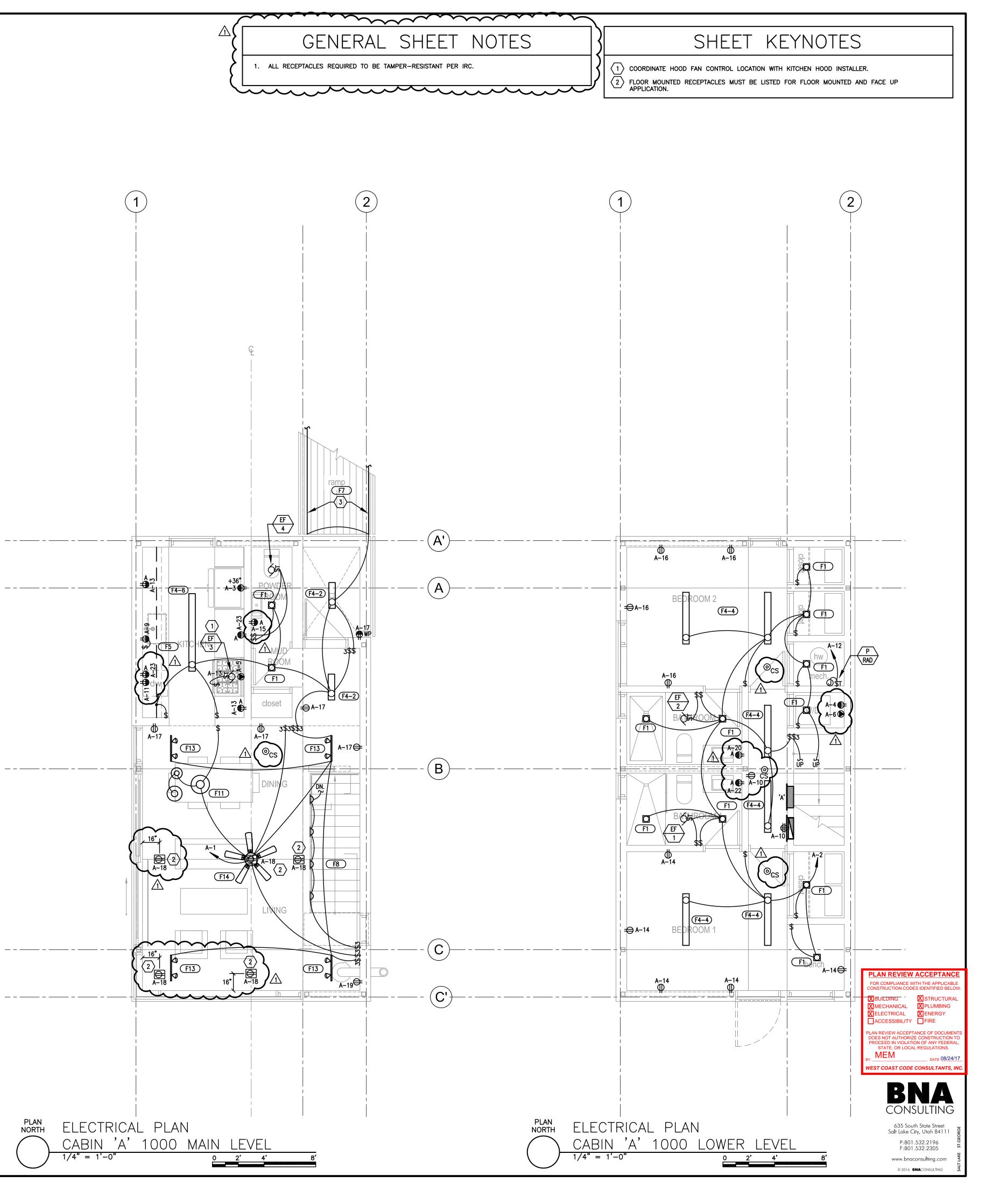
ISOMETRIC

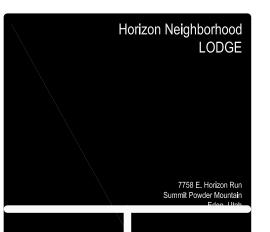
WEST COAST CODE CONSULTANTS, INC.

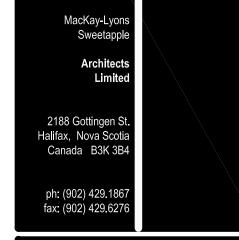
scale: AS NOTE
date: 03/13/201
drawn: STAFF
chk'd: SMD

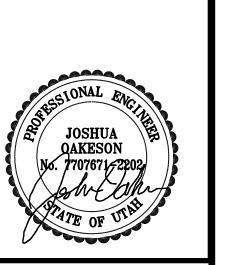
YPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLTS	TOTAL WATTS	LAMPS
F1	4" SQUARE LED DOWN LIGHT 0-10V DIMMING STANDARD SATIN NICKEL TRIM	HALO	H457ICAT1E-EL406930-TLS408SNBB	120	13	LAMP: LED (INCLUDED LUMENS: 600, CCT: 3000° K,
F2	WALL MOUNT LED ALUMINUM CONSTRUCTION - FROSTED GLASS - CAST GUARD	BASELITE	W1-FR-CG-SCBA-20W	120	20	LAMP. LED (INCLUDED
F3	SURFACE MOUNTED LED CURVED FRONT	I ARTEMIDE I		120	32	LAMP: LED (INCLUDED LUMENS: CCT:3000K 90 CRI
F4-2	2 FOOT LONG RECESSED LINEAR LED 0-10V DIMMING STANDARD TRIMLESS WITH FLUSH SATIN ACRYLIC LENS	0-10V DIMMING STANDARD NULTE RT4-06-L30-LINV-D-1C-FRE-WH-2		120	13	LAMP. LED (INCLUDED LUMENS: 1450 CCT:3000K 80 CRI
F4-4	4 FOOT LONG RECESSED LINEAR LED 0-10V DIMMING STANDARD TRIMLESS WITH FLUSH SATIN ACRYLIC LENS	0-10V DIMMING STANDARD NULTE RT4-06-L30-UNV-D-1C-FRF-WH-4		UNV	26	LAMP: LED (INCLUDED LUMENS: 2897 CCT: 3000° K, 80 CRI
F4-8	8 FOOT LONG RECESSED LINEAR LED 0-10V DIMMING STANDARD TRIMLESS WITH FLUSH SATIN ACRYLIC LENS NULITE RT4-06-L30-UNV-D-1C-FRF-WH-8		UNV	52	LAMP: LED (INCLUDED LUMENS: 5792 CCT: 3000° K, 80 CRI	
4-12	12 FOOT LONG RECESSED LINEAR LED 0-10V DIMMING STANDARD TRIMLESS WITH FLUSH SATIN ACRYLIC LENS	NULITE	RT4-06-L30-UNV-D-1C-FRF-WH-12	UNV	77	LAMP: LED (INCLUDED LUMENS: 8688 CCT: 3000° K, 80 CRI
F5	LED UNDERCABINET TO BE DETERMINED					LAMP: LED (INCLUDED LUMENS: 1300 CCT: 3000° K,
F6	LED PENDANT FIXTURE WITH 47" CORDS	ARTEMIDE	TALO 90 - 1922028A	120	39	LAMP: LED (INCLUDED LUMENS: 3341 CCT: 3000° K, 80 CRI
F7	WET LOCATION RATED LED TAPE LIGHT MOUNTED IN ALUMINUM EXTRUSION 300 WATT EXTERIOR RATED POWER SUPPLY AT EXTERIOR ENTRY RAMP	Q-TRAN	IQ67-30-35-90-3.2-35 IQA-45DW-RD-FINISH-DF-35 QOM-300ST-120/24-1X15-CK-S	120/24	3.2/FT	LAMP: LED (INCLUDED LUMENS:254 / FT CCT: 3000° K,
F8	RECESSED LED STEP LIGHT	WHITEGOODS	WG-B100SCFW-CL-830-608-UNV-S	120	6.24	LAMP: LED (INCLUDED LUMENS:608, CCT: 3000° K, 80 CRI
F9	NOT USED					00-00-00-00-00-00-00-00-00-00-00-00-00-
F10	J-BOX MOUNTED LED DOWNLIGHT	HALO	SLD606930WHJB	120	12.2	LAMP: LED (INCLUDED LUMENS:780 CCT: 3000° K,
F11	LED PENDANT FIXTURE WITH LED LAMP	ARTEMIDE	SPHERA - RD211110	120		LAMP: LED (INCLUDED LUMENS:608, CCT: 3000° K, 80 CRI
F12	LED PENDANT FIXTURE WITH 63" CORDS	ARTEMIDE	TALO 90 - 1922028A	120	39	LAMP: LED (INCLUDED LUMENS: 3341 CCT: 3000° K, 80 CRI
F13	CELLING MOUNTED TRACK WITH TWO LED FIXTURES DIFFUSION SPREAD LENS	HALO	L80815FL9030AH LNC2-DSL L650AH/L901AH	120	21 EACH	LAMP: LED (INCLUDED LUMENS: 1506 EACH CCT: 3000° K, 90 CRI
F14	CEILING PADDLE FAN SATIN NICKEL FINISH	CONCORD	CF52873-53 / 52SKY3ESN	120		00000 (EE.T

PANEL A			TYPE		13		120	/240	VOL	TS	1	PH	_3_ W
								0.15.11					X LUGS
MOUNTING		DIMENSIONS			LOCATION W		CABIN A					BREAKER	
FLUSH							AMP 20		200	20		IAINS	
SURFACE					D (in.)		AMP		200				ISO GROUND
					Н								200% NEUTRAL
					l _o								SPD
					BR	ANCH E	BREAKE	RS					
					L. PHAS	E LOAD	R. PHAS	SE LOAD	CIR.		3	WIRE	
ITEM	AMPS	POLE	SIZE	NO.	Α	В	Α	В	NO.	AMPS	POLE	SIZE	ITEM
LIGHTING MAIN	20	1	12	1	350	.000.2830900	475		2	20	1	12	LIGHTING LOWER
REFRIGERATOR	20	1	12	3		1500		1400	4	20	1	12	WASHER
RANGE	50	2	6	5	4000		2500		6	30	2	10	DRYER
-		128	7/2	7		4000		2500	8	-	2	-	-
DISPOSAL	20	1	12	9	1200		500		10	20	1	12	DATA BOARD
DISH WASHER	20	1	12	11		1200		500	12	20	1	12	P-RAD
RECEPTALCES KITCHEN *	20	1	12	13	500		900		14	20	1	12	RECEPTACLES BEDROOM 1 *
RECEPTA CLE BATH	20	1	12	15		360		720	16	20	1	12	RECEPTACLES BEDROOM 2 *
RECEPTACLES	20	1	12	17	720		1080		18	20	1	12	RECEPTACLES FLOOR
RECEPTA CLES	20	1	12	19		720		500	20	20	1	12	RECEPTACLE BATH
HEAT TAPE	20	1	12	21			500		22	20	1	12	RECEPTACLE BATH
RECEPTALCES KITCHEN *	20	1	12	23		500			24	20	1		SPARE
SPARE	20	1		25					26				SPACE ONLY
SPARE	20	1		27					28				SPACE ONLY
SPARE	20	1		29					30				SPACE ONLY
SPARE	20	1		31					32				SPACE ONLY
SPACE ONLY				33					34				SPACE ONLY
SPACE ONLY				35					36				SPACE ONLY
SPACE ONLY				37					38				SPACE ONLY
SPACE ONLY				39				Į.	40				SPACE ONLY
SPACE ONLY				41					42				SPACE ONLY
* ARC FAULT BREAKER					6770	8280	5955	5620					
					12725	13900	TOTAL			CONNECTED LOAD TOTAL			











##		##XXX####
##		##XXX####
1	CITY COMMENTS	08/15/2017
No.	Description	Date
Revi	sion:	•

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1000 MAIN & LOWER LEVEL

scale: SEE GRAPH date: 16-07-01