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CIVIL

ARCHITECTURAL

C1.00	Civil Title Sheet	A001	Abbreviations, Kev Plan &	S0.1	General Note Sheet
C1.01	General Notes, Key Notes and		Partition Types	S0.2	Special Inspection Sheet
	Legend	A100	Site Plan	S0.3	Special Inspection Sheet
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C6.05	Details	A510	Section Details		
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		A600	Millwork		
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		A602	Millwork		
		A603	Millwork Details		

Millwork Details

Porch Millwork

Stair

Bridge

A604

A605

A610

A700

A900



STRUCTURAL

MECHANICAL

MH001	Mechanical Legend and Notes
MH101	Mechanical Floor Plans
PP100	Plumbing Lower Plan -
	Below Floor
PP101	Plumbing Floor Plans -
	Waste and Vent
PP102	Plumbing Floor Plans -
	Domestic
PP501	Plumbing Details
PP601	Plumbing Schedules
PP901	Plumbing Waste and
	Vent Isometric

ELECTRICAL

E303	Electrical Plan	Cabin	C 1500
	Plus Main and	Lower	Level

Window/Door Schedule

Horizon Neighborhood Cabins 1500 plus SF Cabin Summit Powder Mountain, Eden UT

Date: 7/13/17 TIME: 6:23:09 PM DRAWIG NAME: 100 - CIVIL TITLE SHEET.DWG server: NONE Page setup: PDF-C3D-24x36 Layout: Layout1 Path: N:\SLB0793\CADD\HORIZON VILLAGE\IP DESIGNER: #### PROJ.MGR: ####

HORIZON NEIGHBORHOOD PRUD AT SUMMIT POWDER MOUNTAIN CONSTRUCTION DRAWINGS

JAMESB

Located in Sec 08 T7N R2E Weber County, Utah



OGDEN CANYON

HORIZON NEIGHBORHOOD PRUD	TON	
HORIZON NEIGHBORHOOD PRUD		
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6217 SOUTH STATE STREET, SUITE 200 MURRAY, UT 84107 B01743.1300 TEL 801743.0300 FAX DATE SUBMITTED: 07.14.17 DATE SUBMITTED: 07.14.17	0000 18 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	REPARED FOR: SUMMIT POWDER MOUNTAIN DATE SUBMITTED: 07.14.17



1.00

SHEET NUMBER

VERTICAL: 1"= N/AHORIZONTAL: 1"= 3000'

JOB NUMBER

GENERAL NOTES

- ALL CONSTRUCTION MUST STRICTLY FOLLOW THE STANDARDS AND SPECIFICATIONS SET FORTH BY: GOVERNING UTILITY MUNICIPALITY, GOVERNING CITY OR COUNTY (IF UN-INCORPORATED), INDIVIDUAL PRODUCT MANUFACTURERS, THE DESIGN ENGINEER, AND AMERICAN PUBLIC WORKS ASSOCIATION (APWA). THE ORDER LISTED ABOVE IS ARRANGED BY SENIORITY. IF A CONSTRUCTION PRACTICE IS NOT SPECIFIED BY ANY OF THE LISTED SOURCES, CONTRACTOR MUST CONTACT DESIGN ENGINEER FOR DIRECTION.
- 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.
- 6. 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.
- 9. 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
- ENGINEER. 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 DEEMED 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 EXPERTISE OF THE CONTRACTOR. PRICES PROVIDED WITHIN THE CONTRACT FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THE TRUE INTENT AND PURPOSE OF THESE PLANS AND ARE CERTAIN PECULIAR AND INHERENT CONDITIONS EXISTENT IN 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 THE 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 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

- 1. CONTRACTOR SHALL COORDINATE LOCATION OF NEW "DRY UTILITIES" WITH THE SERVICE. GAS SERVICE. CABLE. POWER. INTERNET.
- EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED
- INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE PROJECT. CONTRACTOR SHALL POT HOLE ALL UTILITIES TO DETERMINE IF CONFLICTS EXIST 3 WHICH NEW UTILITIES WILL BE CONNECTED. PRIOR TO COMMENCING ANY
- ACCORDANCE WITH THE REQUIRED PROCEDURES. UNRECORDED UTILITY LINES. EXCAVATION REQUIRED WITHIN PROXIMITY OF
- CONSTRUCTION OPERATIONS AT HIS EXPENSE. FINISHED GRADE.
- 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.
- 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
- NO COST CHANGE WILL BE PROVIDED.
- 12. CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES AMPLE MEANS AND 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.
- PIPE BELOW FINISHED GRADE.
- 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.
- NONMETALLIC PIPE. 22. THE CONTRACTOR SHALL NOTIFY NOLTE ASSOCIATES. INC. IN WRITING AT LEAST
- ACCORDANCE WITH THE REGULATORY AGENCY STANDARD SPECIFICATIONS.
- THE TRENCH

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.

SPECIFICATIONS. THEREFORE, THE OWNER IS RELYING UPON THE EXPERIENCE AND DOCUMENTS SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY AND PROPER 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

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

EXCAVATED TO A DEPTH OF 4' OR MORE. FOR EXCAVATIONS 4 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH INDUSTRIAL COMMISSION OF

APPROPRIATE UTILITY COMPANY, INCLUDING BUT NOT LIMITED TO: TELEPHONE

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

UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES

PRIOR TO BEGINNING ANY EXCAVATION. NOTIFY ENGINEER OF ANY CONFLICTS. CONTRACTOR SHALL VERIFY LOCATION AND INVERTS OF EXISTING UTILITIES TO EXCAVATION WORK THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN

CARE SHOULD BE TAKEN IN ALL EXCAVATIONS DUE TO POSSIBLE EXISTENCE OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING

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

6. CONTRACTOR SHALL CUT PIPES OFF FLUSH WITH THE INSIDE WALL OF THE BOX

8. CONTRACTOR SHALL GROUT WITH NON-SHRINK GROUT BETWEEN GRADE RINGS

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

DEVICES WITH WHICH TO REMOVE PROMPTLY AND TO PROPERLY DISPOSE OF ALL

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

18. ALL SEWER LINES AND SEWER SERVICES SHALL HAVE A MINIMUM SEPARATION OF

21. CONTRACTOR SHALL INSTALL MAGNETIC LOCATING TAPE CONTINUOUSLY OVER ALL

48 HOURS PRIOR TO BACKFILLING OF ANY PIPE WHICH STUBS TO A FUTURE PHASE OF CONSTRUCTION FOR INVERT VERIFICATION. TOLERANCE SHALL BE IN 23. UNDER NO CIRCUMSTANCE SHALL THE PIPE OR ACCESSORIES BE DROPPED INTO



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.

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.

<u>MAINTENANCE:</u>

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 FROSION 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

* <u>SEED MIXTURE FOR REVEGITATION</u>

a. MEADOW BROME (RIGOR)	14lb/ad
b. ORCHARD GRASS	101b/ac
c. ALFALFA (ADAK)	4lb/ac

DETAIL

APWA PLAN NO. 521 APWA PLAN NO. 552 AND DETAIL D, SHEET 6.00 APWA PLAN NO. 381,382 APWA PLAN NO. 381,382 APWA PLAN NO. 431 AND DETAIL D, SHEET 6.00

APWA PLAN NO. 511

APWA PLAN NO. 315 PER IGES GEOTECH REPORT 11/09/12

> WEBER COUNTY 2380 WASHINGTON BLVD. #240 OGDEN, UT 84401 (801) 399–8374

ROCKY MOUNTIAN POWER 1438 WEST 2550 SOUTH OGDEN, UT 84401 (801) 629–4429

POWDER MOUNTAIN WATER & SEWER DISTRICT

PO BOX 270 EDEN. UT 84310 (801) 745–0912

NO. BY DATE REVISIONS:		 The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.
HOOD PRUD	ES, AND LEGEND	DATE SUBMITTED: 07.14.17
HORIZON NEIGHBOR	GENERAL NOTES, KEY NOT	PREPARED FOR: SUMMIT POWDER MOUNTAIN
		ate street, suite 200 Murray, ut 84107 <u>–</u> L 801.743.0300 Fax
	Ð	5217 SOUTH ST. 801.743.1300 TE
HEGISTERNAM	B PROFESS/0, profess/0, pro	BOI.743.1300 TE BOI.743.1300 TE BOI.743.1300 TE





	KEY NOTES (CONT)			sponsible s of n writing olans.
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	14 INSTALL 6"x4" REDUCER WITH THRUST BLOCKING PER APWA STANDARD PLAN NO.			neer preg iable for, ans. All st be app
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	DETAIL D, SHEET 6.00.			17
	$\langle 17 \rangle$ 561.			07.14.
	(18) INSTALL 4 Ø 22.5° BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.			Ë
	(19) INSTALL 4"Ø 45° BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.	Image: Construction		MITT
	(20) INSTALL 4"Ø 90° BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.		ST	SUB
	(21) INSTALL 6"ø 22.5" BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.		ШХ	DATE
	22 INSTALL 6"ø 45° BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.	0	-	
	(23) INSTALL 4"ø WASHOUT VALVE PER APWA STANDARD PLAN NO. 571.		Z	
	24) INSTALL AIR RELEASE ASSEMBLY PER APWA STANDARD PLAN NO. 575.		۲∠	
	(25) CONSTRUCT 4" METER PER APWA STANDARD PLAN NO. 523.	0	ш ~	
	(26) MARSHAL.	ЩЩЩ ЩЩЩ	É	
	(27) INSTALL STAND PIPE PER DETAIL E/SHEET 6.00. (D) INSTALL A'A SANITARY SEWER MANHOLE PER ARWA STANDARD PLAN NO. 411 WITH	5		Z
	28 DEEP DROP INLET PER APWA STANDARD PLAN NO. 433.	Ш	Ď	
	29 INSTALL 4" SANITARY SEWER LATERAL AND CLEANOUT PER APWA STANDARD PLAN NO. 431 AND DETAIL D, SHEET 6.00.	Z	N	M NO
	ELECTRICAL POWER CONDUIT FROM EXISTING GENERATOR AT LIFT STATION TO (30) BOOSTER PUMP VAULT FOR BACKUP POWER. SEE BOWEN COLLINS ELECTRICAL PLANS.	Z	<) WDEI
	(31) WYE CONNECT TO 8"Ø SEWER LINE.		Ë	T PC
	(32) GAS PIPES, AND STORAGE TANKS (1,000 GAL) TO BE EXCAVATED AND TRENCHED BY CONTRACTOR. INSTALLATION BY OTHERS.		S	NMM
	(33) FIRE CACHE. SEE ARCHITECTURAL PLANS.	Ö		DR: S
	(34) INSTALL FIRE HYDRANT ASSEMBLY PER APWA STANDARD PLAN NO. 511.	T		DFC
	(35) PROPANE TANK PIT PER DETAIL C/SHEET 6.00.			AREI
	$\langle 37 \rangle$ INSTALL 4'Ø SANITARY SEWER MANHOLE PER APWA STANDARD PLAN NO. 411.			REP
	38 INSTALL BOOSTER PUMP VAULT PER DETAIL A, SHEET 6.02.			Ľ
	(39) INSTALL 2" SERVICE LATERAL PER APWA STANDARD PLAN NO. 552.		Z⊧	T 8410
	(40) CONNECT TO EXISTING BACKUP GENERATOR. SEE BOWEN COLLINS ELECTRICAL PLANS.		∠ ^z	RAY, UI
	(41) ELECTRICAL POWER CONDUIT, TRANSFORMERS AND PULL BOXES. SEE SALMON ELECTRICAL PLANS.			MUM
	$\langle 42 \rangle$ power meter base and main circuit breaker, see salmon electrical plans.			
	43 BOOSTER PUMP VAULT ELECTRICAL EQUIPMENT, SEE DETAIL B, SHEET 6.02. SEE BOWEN COLLINS ELECTRICAL PLANS.			
\	(44) INSTALL RCP CLASS 3 CULVERT WITH FLARED END SECTIONS TO MATCH EXISTING FLOWLINE OF DRAINAGE CHANNEL			TE 200 ⊧AX
	INSTALL E/ONE GRINDER PUMP STATION MODEL DH071. WITH E/ONE SENTRY ALARM PANEL INCLUDING GENERATOR RECEPTACLE WITH AUTO TRANSFER AND GFCI RECEPTACLE. ALARM PANELS SHALL BE INSTALLED WITHIN LINE OF SIGHT OF ENTRY TO UNIT. SEE DETAIL SHEET 6.03.		A	STREET, SUI 01.743.0300 F
<u>}</u>	INSTALL E/ONE GRINDER PUMP STATION MODEL DH151. WITH E/ONE SENTRY ALARM PANEL INCLUDING GENERATOR RECEPTACLE WITH AUTO TRANSFER AND GFCI RECEPTACLE. ALARM PANELS SHALL BE INSTALLED WITHIN LINE OF SIGHT OF ENTRY TO UNIT. SEE DETAIL SHEET 6.03.	$\left(\right)$		DUTH STATE .1300 TEL 8
\ \ \	(47) CONSTRUCT ROCK WALL WITH GUARDRAIL. SEE STRUCTURAL PLANS.		リ	5217 S 801.743
`\	(48) WYE CONNECT 1.5"Ø SEWER PIPE			<u>~</u>
	(49) CONSTRUCT 4 WIDE X T DEEP DRAINAGE SWALE. LINE SWALE WITH D50=6" RIP RAP.	Soll a	PROFESS	NN NN
	50) INSTALL CHECK DAM PER DETAIL A, SHEET 6.04. CHECK DAMS TO BE INSTALLED AT EVERY 12" IN ELEVATION RISE AS SHOWN ON PLAN.	G1575	No. 78995 RYAN W	06 DOGODAL NE
	(51) INSTALL COMMUNICATION CONDUIT.	North Contraction Contraction		
	VZ/ INSTALL COMMUNICATION BUX.		ATE OF	لحج حجج
	BEFORE YOU OF			BER
HDPE -				-
- 8"SS	SCALE HORIZONTAL: 1" = 20'	VEF HOI	SCALE RTICAL: 1 RIZONTAL: 1	"= N/A "= 20'
	0 5' 10' 20' 30'		JOB NUMBE	ER

JOB NUMBER

SCALE HORIZONTAL:	" = 20' 	NO. BY DATE REVISIONS: NO. BY DATE REVISIONS: All All All All All The engineer preparing these plans will not be responsible	TC for, or liable for, unauthorized changes to or uses of U these plans. All changes to the plans must be in writing A and must be approved by the preparer of these plans.
		RUD PRUD AND PROFILE	DATE SUBMITTED: 07.14.17
		HORIZON NEIGHBOR SANITARY SEWER PLAN	PREPARED FOR: SUMMIT POWDER MOUNTAIN
$\mathbf{I}_{\mathbf{A}} = \mathbf{I}_{\mathbf{A}} + $		TALISMAN CIVILCONSULTANTS	5217 SOUTH STATE STREET, SUITE 200 MURRAY, UT 84107 801.743.1300 TEL 801.743.0300 FAX
	REFORE YOU ALL	SHEET NUMBER SCALE VERTICAL: 1"= 2 JOB NUMBER SLBO793	EINGINEER

<u>SCOPE OF WORK:</u>

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

BE SEE WITH GRA AME FOL AME SLO APF DIS

HATCHING INDICATES AREAS TO RECEIVE 4" TOPSOIL AND TO BE SEEDED FOR NATURAL VEGETATION*. AREAS RECEIVING SEEDING FOR NATURAL REVEGETATION MUST BE COVERED WITH AN EROSION CONTROL BLANKET AFTER THE FINAL GRADING AND SEEDING ARE FINISHED. INSTALL NORTH AMERICAN GREEN SC-150 BLANKET OR APPROVED EQUAL. FOLLOW MANUFACTURER'S SPECIFICATIONS. INSTALL NORTH AMERICAN GREEN P300 EROSION CONTROL BLANKET ON ALL SLOPES GREATER THAN 1.5:1. RE-SEED AREA IS APPROXIMATE, CONTRACTOR IS TO REVEGITATE ALL DISTURBED AREAS.

STABILIZED CONSTRUCTION ENTRANCE FOR SITE INGRESS/EGRESS. IF ALTERNATE ACCESS POINTS ARE APPROVED BY OWNER, ADDITIONAL STABILIZED CONSTRUCTION ENTRANCES WILL BE REQUIRED.

INSTALL SILT FENCE ALONG DOWN GRADIENT LIMITS OF DISTURBANCE AS SHOWN ON PLAN.

INSTALL ORANGE SAFETY FENCING AROUND OUTER LIMITS OF PROJECT PRIOR TO GRADING.

Approx. Size In. Ship Wt NPT Size/ Factory Max Working Max Working Dia x Ht Lbs MTL PSIG Pressure (PSI) Temp Total Tank by PSI Settings Dia x Ht Lbs MTL PSIG Vol. Gallons 0/40 30/50 40/ 0.7 0.6 8-1/4 x 10-1/5 3/4″ M 28 2 11 x 14-3/4 3/4″ M 132477 4.6 1.6 1.4 28 9 100 140 14 5.2 4.3 3.7 15-3/8 x 24-3/4 25.5 1″ F 132661 38 100 200 7.4 6.2 5.4 15-3/8 x 32-1/4 1″ F 132662 20 30 200 13.3 11.1 9.7 20 x 38-5/8 1″ F 45 19.2 16.1 14 23-3/8 x 38-5/8 1-1/4" F 52 38 100 200 136875 23.9 20 17.5 23-3/8 x 46-3/5 87 1-1/4" F 23-3/8 x 59 31.8 26.7 23.2 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.

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Standard

40/60 PSI

System

These illustrations show

the operation of the

Air-E-Tainer® tank in a

typical 30/50 pressure

range.

MULTI-STAGE PUMPS

F-Fitted*: Round flanges on body type PN25—pump is supplied without joints, bolts, and counter flanges.

T-Fitted: Oval flanges on body type PN16—pump is supplied without oval counter flanges for pipe to be screwed, joints, and bolts.

V-Fitted: Connections with rapid fittings type "Victaulic®"—pump is

		Motor Dimensions (in)														
lard E	fficiend	cy ODP		Premium E	fficien	cy ODP	k.	Dhaca	Standard E	fficien	cy TEF(Standard E	fficiend	ty TEFC	
	L2	М	D1	Volt	L2	М	D1	Pridse	Volts	L2	М	D1	Volt	L2	М	D1
	11.22	5.06	6.19							11.35	5.19	6.19		11.35	5.19	6.19
	12.72	5.06	6.2	N./A	NI/A	NI/A	NI/A			11.97	5.19	6.19	F7F	11.97	5.19	6.19
140	13.22	5.06	6.2	N/A	NYA	N/A	INA	7	200 220/460	12.85	5.19	6.19	CIC	12.85	5.19	6.19
100	13.24	5.62	7.16					1	200 230/400	13.23	5.74	7.19		13.23	5.74	7.19
	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
	16.55	6.87	8.6	208-230/460	15	6.75	8.5			18.05	6.87	8.5	N/A	NYA	nyA	NYA
ium E	fficienc	cy TEFC		Premium E	fficien	cy TEFC		Dhaca	Standard E	fficien	cy ODP)	Standard E	fficiend	ty TEFC	
	L2	М	D1	Volts	L2	М	D1	PildSe	Volts	L2	М	D1	Volt	L2	М	D1
										12.72	5.06	6.19		12.25	5.55	7.19
	N/A	NI/A	NI/A	N/A	NI/A	NI/A	NI/A		115/230	12.73	5.06	6.2	115/230	13.25	5.74	7.19
	N/A	N/A	N/A	N/A	N/A	NVA	N/A	1		13.24	5.61	7.19		14.12	6.62	7.19
									230	12.94	5.73	6.62	220	14.12	5.79	7.19
	16.55	6.87	8.5	208-230/460	16.55	6.87	8.5		N/A	N/A	N/A	N/A	200	18.05	6.87	8.6
		6.07	00	200 270 // CO	10.00	6 07	0.0		N/A	N/A	IN/A	N/A	b1/A		41/4	81/6
	18.05	6.8/	8.6	208-230/460	18.05	0.8/	8.6			, í			N/A	N/A	N/A	N/A

AIR-E-TAINER[®] WELL SYSTEM TANKS

Conveniently located for easy pressure adjustment Projection-welded for durability DESIGNER FINISH

AIR CHARGE VALVE

 High gloss exterior powder coat Provides positive protection against corrosion and UV rays

BUTYL RUBBER PARABOLIC DIAPHRAGM Eliminates rubbing on the tank wall or rolling over on itself STEEL SHELL

STEEL RETAINING RING

Proven protection against internal corrosion

CORROSION-RESISTANT BASE High-impact polymer material

- Strong and stable for long life Base rotates for easy alignment to pipe connection Slotted and noted for air flow, reduced condensation build-up
- 50PSI
- B. When pump starts, water enters the reservoir. At 50 psig, system is filled. Pump shuts off.

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

A. Tank is pre-pressurized with

air at the factory.

30PSI

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

C. When water is demanded, pressure in the air chamber forces water into the system. Pump turns

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JOB NUMBER SLB0793

EFORE Ve

AMESB

		NO. BY DATE REVISIONS: Image: No. BY BY BY	A for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.
TOTAL DYNAMIC HEAD IN FEET OF WATER		RIZON NEIGHBORHOOD PRUD SEWER EJECTOR DETAILS	SUMMIT POWDER MOUNTAIN DATE SUBMITTED: 07.14.17
		HC HC HC HC HC NAN NAN Nan Sultants	5217 SOUTH STATE STREET, SUITE 200 MURRAY, UT 84107 801.743.1300 TEL 801.743.0300 FAX PREPARED FOR
C UPC (B) ASHE A112.3.4 U U <t< td=""><td>REFORE YOU OF THE TOP OF TOP OF THE TOP OF T</td><td>SHEET NUMBER SCALE VERTICAL: 1"= N HORIZONTAL: 1"= N JOB NUMBER SI BO793</td><td>S EINGINEER</td></t<>	REFORE YOU OF THE TOP OF TOP OF THE TOP OF T	SHEET NUMBER SCALE VERTICAL: 1"= N HORIZONTAL: 1"= N JOB NUMBER SI BO793	S EINGINEER

FORE

4" washout valve

1. GENERAL

A. 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 AVWVA 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 aravel.
- 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.

1. GENERAL

- design drawings. Submit the design and detail drawings and materials to the ENGINEER for review before installation.
- 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
- 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.

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07.14.

SUBMITTED:

DATE

MOUNT/

SUMMIT POWDER

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- 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
- 13.
- 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

- - 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.

 - F. Follow applicable AWWA 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.

270

LEGEN	۱D
ITEM	DESCRIPTION
OX WITH LID	2 PIECE CAST IRON
VALVE WITH	2" x 2" OPERATING NUT

₿	4" GATE VALVE WITH SCREW ENDS	2" x 2" Operatin
0	CONCRETE THRUST BLOCK	PLAN 561

A VALVE BOX W

Air release assembly

- 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.
- Ductile iron and cast iron pipe may be direct tapped.
- E. Seal manhole joints water-tight and ground flush with interior wall.

NOTES:

MARKER POST

MIN

12"

MARKER POST MOUNTING MOUNT MARKER POST 48 INCHES FROM THE BOTTOM OF THE THIRD YELLOW BAND TO GROUND LEVEL. DO NOT COLLAPSE MARKER POST WHEN SECURING TO SYSTEM. WOOD POST: PLACE MARKER POST ON THE FRONT OF THE FIRST POST OF SYSTEM AND SECURE WITH THREE 3/8 x 4 INCH ZINC PLATED LAG BOLTS AND WASHERS. METAL POST: PLACE MARKER POST ON THE FRONT OF THE FIRST POST OF SYSTEM AND SECURE WITH THREE 3/8 x 3 INCH ZINC PLATED BOLTS WITH NUTS AND WASHERS. PLASTIC NOSE PIECES: PLACE MARKER POST 12 INCHES FORWARD FROM THE BACK EDGE OF THE NOSE PIECE AND SECURE WITH THREE 3/8 x 3 INCH ZINC PLATED BOLTS WITH WASHERS.

OPTIONAL WHEN SNOW ACCUMULATION IS NOT A CONCERN.

FLEAT-M INSTALL AN OBJECT MARKER PANEL ONTO EACH OF THE IMPACT HEADS. 2. COMPLY WITH STANDARD SPECIFICATION 02890 FOR FLEXIBLE SHEETING. INSTALL MARKER POST ON POST 1 OF THE SYSTEM.

Summit Powder Mou Eden,
MacKay-Lyons Sweetapple Architects Limited
2188 Gottingen St. Halifax, Nova Scotia north Canada B3K 3B4
ph: (902) 429.1867 fax: (902) 429.6276
INTE OF UN
Brian MacKay-Lyons
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Issued for Const. Rev. 1 28.07.2017 Issued for Construction Issued for FDN Permit Description

03.03.2017 24.10.2016 Date

NOTES:

DRAWING:

Revision:

COPYRIGHT RELATED TO THE USE OF THIS

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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.

ENGINEER'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 Engineer.

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.

- 0			1	×	User Input				No	., .	
	CI. 14, 2016			Yes	Incorporated	d in the Projec ble as part of t	his Project				
				AGP FDVA	Above Grad	le Plane- story nent Vehicle A			No		
				FSD BO	Fire Separati Building Offic	on Distance			No		
lanning & Zor	ning Official:		WEBER CO	DUNTY, UTAH							
Plans Examiner Plans Examiner	r:		WEBER CO	DUNIT, UTAH DUNTY, UTAH					Yes		
lealth Departr	ment:		WEBER CO	OUNTY, UTAH					No		
Applicable Co	Year 2015	IBC	Internatio	nal Building Co	de, with Appe	əndix "J"					
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	Y	Amendmen	ts (State o	r Local)	(Building Co	de Amend. at	www.dopl.ut	ah.gov)			
Chapter 3		Title 18 of Sa	Ilt Lake Cit	ry Ordinances					N/A		
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	Proposed							-		-	
(esidence	R3	2		R3	* Check Fo	0 otnotes that 1	0 May Apply]			
Chapter 4 -	 Special Requirement 	nts			c. Section	406.3.4			Char	tor 0	
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53		a separanon-	Separat	ion beiween l	De la				K1/A		
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drawn: DP chk'd: BML

Horizon Neighborhood Cabins Cabin 1500 Plus **INTERIOR FINISH SCHEDULE - WARM**

	E	lase	Nort	th Wall	East	Wall	South	Wall	West	t 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	GWB	PTW1	GWB	PTW1	GWB	PTW1	n/a	n/a	WD3	prefinished	WD1	untreated	
Stair	WD1	untreated	WD1	untreated	n/a	n/a	WD1	untreated	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	WD1	sealant	GWB-W/WD1	ST2/sealant	GWB-W	ST1	GWB-W/WD1	ST2/ sealant	ST1	-	WD1	sealant	See notes 2+3
Bathroom 2	WD1	sealant	WD1	sealant	GWB-W/WD1	ST2/sealant	GWB-W/WD1	ST2/sealant	WD1	sealant	ST1	-	WD1	sealant	See notes 2+3
Bedroom 2	WD	PTW2	GWB	PTW1	GWB	PTW1	GWB	PTW1	GWB	PTW1	WD3	prefinished	WD1	untreated	
Bedroom 3	WD	PTW2	GWB	PTW1	GWB	PTW1	GWB	PTW1	GWB	PTW1	WD3	prefinished	WD1	untreated	
												<u> </u>			
UPPER LEVEL										-					
Living	WD1	untreated	WD1	untreated	n/a	n/a	glazing	n/a	glazing	n/a	WD3	prefinished	WD1	untreated	steel finish in woodstove alcove
Dining	WD1/WD2	un/treated	WD1	untreated	WD2	treated	glazing	n/a	n/a	n/a	WD3	prefinished	WD1	untreated	See note 2.
Entry	WD1/WD2	un/treated	WD1	untreated	WD1	untreated	WD2	treated	n/a	n/a	ST1	-	WD1	untreated	See note 2.
Mudroom	WD1	sealant	WD1	untreated	WD1	sealant	WD1	sealant	GWB	PTC1	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/GWB-W	sealant/ST2	WD1	sealant	ST1	-	WD1	untreated	ST2 backsplash above counter
Finish Types. Paint Wood Slats Engineered Wood Concrete Ceramic Tile Stone Tile	WD1 Jsealant WD1/GWB-W sealant/ST2 WD1 sealant WD1/GWB-W sealant/ST2 WD1 sealant ST1 - WD1 untreated ST2 backsplash above core . 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 - Semi Gloss Finish PT-C3 - Benjamin Moore Decorators White - Flat Finish (Ceilings Only) WD1 - western red cedar, 1X4" horizontal slats, untreated WD2 - western red cedar, 1X4", negineered, prefinished, natural satin 3. All wood surface cladding in bathrooms + mudroom to receive clear sealant, low sheen. 5. CONC sealed concrete CT1 - white subway tile 4X16 CT2 - grey 2x2 antislip tile ST1 - slate floor tile, 12x12, white ST2 - slate wall tile 4x16 5. 5. 5.														
Legend. N/A GWB GWB-W CONC. CT ST WD GLZ	not applica gypsum wa waterproof concrete ceramic tile stone tile wood glazing	ble II board per sp sheathing as	pec. per spec.												

2 Room Finish Schedule - UPGRADE OPTION (warm scheme) A102 Scale NTS

Cabin 1500 Plus

Horizon Neighborhood Cabins

INTERIOR FINISH SCHEDULE - COOL

	-										·				1
	Ba	ase	Nor	th Wall	East	Wall	Sout	h Wall	Wes	t Wall		Floors	Cei	ling	Remarks
	Material	Finish	Material	Finish	Material	Finish	South	Finish	Material	Finish	Material	Finish	Material	Finish	
LOWER LEVEL															
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	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	
Bedroom 2	WD	PTC2	GWB	PTC1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	WD1	clear	
Bedroom 3	WD	PTC2	GWB	PTC1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	WD1	clear	
UPPER LEVEL															
Living	WD1	untreated	WD1	untreated	n/a	n/a	glazing	n/a	glazing	n/a	CONC.	sealed	WD1	clear	painted steel behind woodstove
Dining	WD1/WD2	un/treated	WD1	untreated	WD2	treated	glazing	n/a	n/a	n/a	CONC.	sealed	WD1	clear	See note 2.
Entry	WD1/WD2	un/treated	WD1	untreated	glazing	n/a	WD2	treated	n/a	n/a	CONC.	sealed	WD1	clear	See note 2.
Mudroom	WD	PTC2	n/a	n/a	GWB	PTC1	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
Mechanical	WD	PTC2	GWB	PTC1/CT2	GWB	PTC2	GWB	PTC2	GWB	PTC2	CONC.	sealed	GWB	PTC4	

Finish Types. Paint

Concrete

Legend.

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, satin finish CONC. - sealed concrete CT1 - white subway tile 4X16 Ceramic Tile CT2 - grey 2x2 antislip tile not applicable gypsum wall board per spec.

N/A	
GWB	
GWB-W	
CONC.	
СТ	
ST	
WD	
GLZ	

waterproof sheathing as per spec. concrete ceramic tile stone tile wood glazing

Notes.

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

2. 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.

		Summit Powder Mountain					
H	MacKay-Lyons Sweetapple Architects Limited 2188 Gottingen St. Halifax, Nova Scotia Canada B3K 3B4 ph: (902) 429.1867 fax: (902) 429.6276	Eden, Utah					
	Brian MacKay-L Brian MacKay-L Boun Maked -U No. 9809836 TENSED ARC	yons HITEC					
02 01 No. Rev	Issued for Const. Rev. 1 Issued for Construction Description ision:	28.07.2017 03.03.2017 Date					
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C P F S sca date	Pabin 1500 Ius - Room inish chedules e: varies e: 17-02-21 wn: DP	A102					

drawn: DP chk'd: BML Horizon Neighborhood CABINS

LEGEND

 $\langle \mathbf{x} \rangle$

PX

Center line

Door type

Partition type

LIVABLE SQUARE FOOTAGES

Floor Plan Upper: Total:

Floor Plan Lower: 685 square feet 1007 square feet 1692 square feet

Cabin 1500 Plus	
Floor Plans	
scale: 1/4"=1'-0"	
date: 16-04-20	A 00
drawn: MJ/JL	AZU
chk'd: BML	

		LEGE	ND
B		1	fire retardant pre
		2	1x4 vertical ship cladding - type 1 for profile
		3	anodized alumir glazing system - window/door scl
		4	anodized alumir framed sliding g system - see window/door scl
		5	clear anodized a flashing
		6	snow bracket
		7	stainless steel c
			as per structural
		 9	galvanized steel as per structural
		10	guard
		11	not used
		 12	galvanized finish bracing - see me locations
•	4	13	operable wood s glazing
•			
	10		
•	3		
	8		
5			

eressure treated - 6" exposure iplap wood - 1 - see A001 Summit Powder Mou Eden, MacKay-Lyons Sweetapple Architects Limited inum glazing chedule Architects Limited 2188 Gottingen St. Halifax, Nova Scotia Canada B3K 3B4	ntain Utah
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01 Issued for FDN Permit 24.10.2016 No. Description Date Revision:	
NOTES:	
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ENGINEER'S REQUIREMENTS AND APPROVAL It is the Builder's responsibility to notify MacKay-Lyo Sweetapple Architects Ltd. and to seek prior written approval for materials and workmanship which devia from instructions provided by the Engineer.	S: Ins ates
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AUTHORITIES' REQUIREMENTS AND APPROVA All materials and workmanship must comply with the requirements of all authorities having jurisdication or 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 drawings. Plans take precedent over elevations. In t absence of dimensions, or if discrepancies exist, consult Architect. All minimum dimensions are to	ver ∍ off he
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		') (<i>·</i>	1
25'-8"	E		
 ✓ 19'-1" ✓ 16'-7" ✓ 9'-7" ✓ 8'-0" ✓ 3'-0" ✓ 0'-0" ✓ -2'-4 1/2" 			
	indication of reinforced concrete foundation as per structural		
1 Exterior Elevation A301 Scale 1/4" = 1'-0"			

	LEG	END		H	orizon	Neighborhood CABINS
	1	fire retardant pressure treated cedar shingles - 6" exposure				
	2	1x4 vertical shiplap wood cladding - type 1 - see A001 for profile				Summit Powder Mountain Eden, Utah
	3	anodized aluminum framed glazing system - see window/door schedule		MacKay-Lyons Sweetapple Architects		
	4	anodized aluminum framed sliding glazing system - see window/door schedule	Н	Limited 2188 Gottingen St. alifax, Nova Scotia Canada B3K 3B4		
	5	clear anodized aluminum flashing		ph: (902) 429.1867 fax: (902) 429.6276		
	6	snow bracket				
	7	stainless steel chimney		STATE C	FU	
	8	galvanized steel column; as per structural		Brian Macl	Kay-L	yons
	9	galvanized steel bracing;		FEC No. 98	0983	
	10	side-mounted tempered glass guard		SNSED /	ARC	HILL
	11	not used				
	12	insulated steel service chase; galvanized finish to match bracing - see mechanical for locations				
_	13	operable wood screen over glazing				
_						
_						
_						
			03	Issued for Const. Re	v. 1	28.07.2017
			02 01	Issued for Construct Issued for FDN Perm	tion hit	03.03.2017 24.10.2016
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		3'-8"	14'
		1 A400	
<u> </u>			
<u>9'-7"</u>	indication of ramp (see A700)		
<u>7 8'-0"</u>	3		
<u>∠ 0'-0"</u>	hose bibb		
	indication of reinforced - concrete foundation as per structural		L

LEGE	END		Horiz	on Neighborhood CABINS
1	fire retardant pressure treated cedar shingles - 6" exposure			
2	1x4 vertical shiplap wood cladding - type 1 - see A001 for profile			Summit Powder Mountain Eden, Utah
3	anodized aluminum framed glazing system - see window/door schedule		MacKay-Lyons Sweetapple Architects	
4	anodized aluminum framed sliding glazing system - see window/door schedule	F	Limited 2188 Gottingen St. Ialifax, Nova Scotia Canada B3K 3B4	
5	clear anodized aluminum flashing		ph: (902) 429.1867 fax: (902) 429.6276	
6	snow bracket			
7	stainless steel chimney		STATE OF	UTAL
8	galvanized steel column; as per structural		Brian MacKay Birm MacKay	-Lyons
9	galvanized steel bracing; as per structural		No. 98098	36 1
10	side-mounted tempered glass		SED AR	CHIL
11	not used			
12	insulated steel service chase.			
	galvanized finish to match bracing - see mechanical for locations			
13	operable wood screen over glazing			
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10 Plan Detail A500 Scale 1 1/2" = 1'-0"

Exterior Wall Assembly 1A + 1x4 vertical shiplap wood cladding type 1 - see A001 for profile

- + rainscreen grid
- + vapor permeable weather barrier
- + 1 1/2" XPS rigid insulation (R7.5)
- + 5/8" type X gypsum sheathing + plywood sheathing as per structural
- + 2x6 wood studs as per structural
- + 4" 2lb. sprayfoam insulation (R20) (vapor retarder)
 + 5/8" type X gypsum wallboard (5/8" type X gypsum tile backer board in wet areas)
- + refer to wall finish schedule for interior finish

Exterior Wall Assembly 1B + 1x4 vertical shiplap wood cladding type 1 - see A001 for profile

- + rainscreen grid
- + vapor permeable weather barrier
- + 1 1/2" XPS rigid insulation
- + 5/8" type X gypsum sheathing
- + plywood sheathing as per structural + 2x6 wood studs as per structural
- + 4" 2lb. sprayfoam insulation (R20) (vapor retarder)
- + 1x4 wood strapping @ 16" o.c.
- + 5/8" type X gypsum wallboard (5/8" type X gypsum tile backer board in wet areas)
 + refer to wall finish schedule for interior finish

Exterior Wall Assembly 1C + 1x4 horizontal shiplap wood cladding type 1 - see A001 for profile

+ rainscreen grid

A500

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

- + vapor permeable weather barrier
- + 1 1/2" XPS rigid insulation (R7.5)
- + 5/8" type X gypsum sheathing + plywood sheathing as per structural
- + 2x6 wood studs as per structural + 4" 2lb. sprayfoam insulation (R20) (vapor
- retarder)
- + 5/8" type X gypsum wallboard
- + 1x4 horizontal shiplap wood cladding type 2 - see A001 for profile

Exterior Wall Assembly 2 + 1x4 vertical shiplap wood cladding type 1 - see A001 for profile

- + rainscreen grid+ vapor permeable weather barrier
- + 1 1/2" XPS rigid insulation (R7.5)
- + 5/8" type X gypsum sheathing + plywood sheathing as per structural
- + 2x6 wood studs as per structural
- + 5/8" type X gypsum sheathing
 + vapor permeable weather barrier
 + 1x4 vertical wood shiplap cladding -

type 1 - see A001 for profile

Typical Window Sill Detail Scale 1 1/2" = 1'-0"

Typical Section Detail @ Vented Ridge A510 Scale 1 1/2" = 1'-0"

Roof Assembly 1

- + 'Class B' fire retardant pressure treated cedar shingles
- + rainscreen grid
- + 'Class A' mineral-surfaced cap sheet + self-adhering sheet roof membrane
- underlayment
- + 1/2" exterior grade plywood
- + 2" XPS rigid insulation (R10)
- + plywood sheathing as per structural
- + wood trusses as per structural + 6" 2lb. closed cell sprayfoam insulation
- (R30) (vapor retarder)
- + interior sprinkler system as per A101

code review + 3/4" shiplap wood cladding - type 2 - see

A001 for profile

Roof Assembly 2 + 'Class B' fire retardant pressure treated

cedar shingles + rainscreen grid

- + 'Class A' mineral-surfaced cap sheet
- + self-adhering sheet roof membrane underlayment
- + 1/2" exterior grade plywood
- + 2" XPS rigid insulation (R10) + plywood sheathing as per structural
- + wood trusses as per structural
- + 5/8" type X gypsum sheathing
- + vapor permeable weather barrier + 3/4" shiplap wood cladding - type 2 - see finish A001 for profile

Floor Assembly 1

- + 3" concrete topping w/ in-floor heating
- + plywood sheathing as per structural + wood floor joists as per structural
- + wood furring as required
- + interior sprinkler system as per A101 + 5/8" type X gypsum sheathing
 - + plywood sheathing as per structural

+ rainscreen grid

+ rainscreen grid

retarder)

finish

+ rainscreen grid

retarder)

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

Floor Assembly 2

code review

- + 3" concrete topping w/ in-floor heating
- + wood furring as per structural
- + wood floor joists as per structural
- + interior sprinkler system as per A101 code review
- + 3/4" shiplap wood cladding type 2 see A001 for profile
- Floor Assembly 3
- + palletized wood deck system + liquid-applied roofing membrane
- + plywood sheathing as per structural -
- slope to drain, minimum 2%
- + wood floor joists as per structural; tapered to create slope
- + 6" 2lb. sprayfoam insulation (R30)
- (vapour retarder)
- + interior sprinkler system as per A101 code review
- + 3/4" shiplap wood cladding type 2 see A001 for profile
- Floor Assembly 4
- + 3" concrete topping w/ in-floor heating + plywood sheathing as per structural
- + wood floor joists as per structural
- + 1/2" plywood
- + steel beam as per structural
- + 6" 2lb. sprayfoam insulation (R30) (vapor retarder)
- + 2x4 nailer as required
- + 5/8" type X gypsum sheathing
- + vapour permeable weather barrier
- + rainscreen grid
- + 1x4 wood shiplap cladding type 1 see A001 for profile

- Assemblies Scale NTS

- + plywood sheathing as per structural type 2 - see A001 for profile Exterior Wall Assembly 2
 - + 1x4 vertical shiplap wood cladding type 1 - see A001 for profile + rainscreen grid
 - + vapor permeable weather barrier
 - + 1 1/2" XPS rigid insulation (R7.5) + 5/8" type X gypsum sheathing
 - + plywood sheathing as per structural
 - + 2x6 wood studs as per structural + 5/8" type X gypsum sheathing
 - + vapor permeable weather barrier
 - + 1x4 vertical wood shiplap cladding type 1 - see A001 for profile

Soffit Assembly 1

- + 3/4" sheathing + 6" 2lb. sprayfoam insulation (R30) (vapor
- retarder)
- - + wood roof joists as per structural + 5/8" type X gypsum sheathing + vapor permeable weather barrier + 1x4 wood shiplap cladding - type 1 - see A001 for profile

Head Detail at Skylight Window 5 A510 Scale 1 1/2" = 1'-0"

- Exterior Wall Assembly 1A + 1x4 vertical shiplap wood cladding type 1 - see A001 for profile
- + vapor permeable weather barrier + 1 1/2" XPS rigid insulation (R7.5) + 5/8" type X gypsum sheathing + plywood sheathing as per structural
- + 2x6 wood studs as per structural + 4" 2lb. sprayfoam insulation (R20) (vapor
- X gypsum tile backer board in wet areas) + refer to wall finish schedule for interior
- Exterior Wall Assembly 1B + 1x4 vertical shiplap wood cladding type 1 - see A001 for profile
- + vapor permeable weather barrier + 1 1/2" XPS rigid insulation + 5/8" type X gypsum sheathing
- + plywood sheathing as per structural + 2x6 wood studs as per structural + 4" 2lb. sprayfoam insulation (R20) (vapor
- + 1x4 wood strapping @ 16" o.c. + 5/8" type X gypsum wallboard (5/8" type X gypsum tile backer board in wet areas) + refer to wall finish schedule for interior
- Exterior Wall Assembly 1C + 1x4 horizontal shiplap wood cladding type 1 - see A001 for profile
- + vapor permeable weather barrier + 1 1/2" XPS rigid insulation (R7.5) + 2x6 wood studs as per structural + 4" 2lb. sprayfoam insulation (R20) (vapor
- + 5/8" type X gypsum wallboard + 1x4 horizontal shiplap wood cladding -

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

chk'd: BML

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

Summit Horizon Neighborhoo

MacKay-Lyons Sweetapple Architects Limited 2188 Gottingen St. Halifax, Nova Scotia Canada B3K 3B4 ph: (902) 429.1867 fax: (902) 429.6276 TE OF . Brian MacKay-Lyor Boun Makad-you No. 9809836 Issued for Const. Rev. 1 28.07.2017 Issued for Construction 03.03.2017 Date Description Revision: NOTES: COPYRIGHT RELATED TO THE USE OF THIS DRAWING: The use of this drawing shall be governed by standard copyright law as generally accepted in architectural practice. 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. ENGINEER'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 Engineer. 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 1500 Plus -Millwork Details scale: 1/2" = 1'-0" date: 16-05-20 A604

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chk'd: BML

Summit Horizon Neighborhoo

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	Fin. Floor Elev.	Ramp Length	Landing Elev.	Vertical Rise	Slope (max 16%)
Unit 6	8796'	40'-0"	8793.5'	2'-6"	6.25%
Unit 9	8786.5'	40'-0"	8786'	0'-6"	1.25%
Unit 10	8768.5'	40'-0"	8766'	2'-6"	6.25%
Unit 12	8819'	40'-0"	8817'	2'-0"	5%
Unit 17	8814'	28'-0"	8814'	0'-0"	0%
Unit 20	8742'	48'-0"	8739.5'	2'-6"	5.2%
Unit 22	8745'	40'-0"	8743'	2'-0"	5%
Unit 23	8732'	48'-0"	8729.5'	2'-6"	5.2%
Unit 28	8771'	28'-0"	8768.5'	2'-6"	8.9%

chk'd: BML

NOTES:

- 1. Curtainwall window frames to be OLDCASTLE RELIANCE SS series clear anodized aluminum.
- 2. Casement Operators in Curtainwall window frames to be OLDCASTLE ZERO SIGHTLINE SERIES 30P clear anodized aluminum finish. Outswing operation typical.
- 3. Storefront window frames to be OLDCASTLE SERIES 3000 THERMAL MULTIPLANE series clear anodized aluminum finish. Indicated with grey tone.
- 4. Casement Operators in storefront window frames to be OLDCASTLE S-3375. Outswing operation typical, inswing operation where indicated. 5. Entrance door to be OLDCASTLE AD-375 THERMAL ENTRANCE
- series clear anodized aluminum finish, outswing.
- 6. Sliding Doors to be OLDCASTLE TerraSlide 60E OX Slider series clear anodized aluminum finish.
- 7. Skylight to be OLDCASTLE BMS-3000 SKYLIGHT series clear anodized aluminum finish.
- 8. All glazed entry doors and sliders to have keyed entry lever and deadbolt. Information to be provided as part of glazing shop drawings and reviewed by architect.
- 9. The sizes are rough openings. It is the contractor's responsibility to determine finished frames.
- 10. All operable windows to have screens. Review screen type with architect prior to installation.
- 11. All inswinging casement operators to be equipped with inswing operable screens.
- 12. All window head / sill / jamb flashing to be black annodized aluminum to match windows.
- 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 doors are in closed position.
- 16. All window dimensions in this drawing to be verified in field prior to fabrication.
- 17. Provide shop drawings for all windows and doors for review by architect prior to fabrication and installation.
- 18. All glazing 18" or less from the finished floor to be tempered, unless otherwise noted
- 19. Refer to floor plans for door swing directions.

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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.

A900

Cabin 1500 plus -Window Door Schedule

scale: 1/4" = 1'-0" date: 16-06-24 drawn: MJ chk'd: BML

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.
- 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 CRITERIA
- 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.
- 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 THE CHANGED PORTION HAS NOT HAPPENED.
- 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

ORDINANCES.

- 1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
- ALL WORK SHALL BE IN STRICT ACCORDANCE WITH THE 2015 IBC, ACI 318, AND LOCAL
- 3. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO PLACING CONCRETE.
- 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.
- FOUNDATION WALLS
- 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 FABRICATION AND ERECTION.
- 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, ANI ORDINANCES.
- DIMENSIONAL LUMBER
- 3. DIMENSIONAL LUMBER USED AS STRUCTURAL FRAMING (i.e. JOISTS, RAI SHALL BE DOUGLAS FIR-LARCH № 2 OR EQUAL.
- 4. DIMENSIONAL LUMBER USED FOR STUD WALLS SHALL BE STUD GRADE OTHERWISE. STUDS SHALL BE SPACED AT 16" O.C. MINIMUM, WITH A DOU SPLICES IN THE DOUBLE TOP PLATE SHALL ALTERNATE TOP & BOTTOM
- 5. ROUGH CUT TIMBER USED AS STRUCTURAL FRAMING SHALL BE AS SPE CONSTRUCTION DOCUMENTS.
- ENGINEERED LUMBER
- 6. GLU-LAMINATED BEAMS FOR SIMPLE SPANS SHALL BE 24F-V4 DF/DF. GL BEAMS FOR CONTINUOUS SPANS AND CANTILEVERS SHALL BE 24F-V8 D INSTALL GLU-LAMINATED BEAMS UPSIDE DOWN.
- 7. LAMINATED VENEER LUMBER AND THE LIKE SHALL BE INSTALLED PER M RECOMMENDATIONS AND SPECIFICATIONS. LVL BEAMS SHALL BE BUILT MEMBERS. SEE FRAMING PLANS FOR NUMBER OF MEMBERS REQUIRED.
- 8. I-JOISTS SHALL BE TJI OR EQUIVALENT, AND SHALL BE INSTALLED PER M RECOMMENDATIONS AND SPECIFICATIONS.
- 9. ENGINEERED LUMBER, WITH THE EXCEPTION OF EXTERIOR GRADE GLU-SHALL NOT BE USED IN EXTERIOR APPLICATIONS.
- 10. USE PRESSURE TREATED LUMBER FOR ALL WOOD IN CONTACT WITH CO MASONRY IN CONTACT WITH EARTH (i.e. MUD SILL). IN SOME SITUATIONS GALVANIZED SHEET METAL MAY BE PROVIDED AS AN APPROVED MOIST ENGINEER FOR APPROVAL OF THIS OPTION.
- **BLOCKING, BRIDGING & MISCELLANEOUS**
- 11. DIMENSIONAL JOISTS AND RAFTERS SHALL HAVE FULL-HEIGHT SOLID BL BEARING POINTS. EACH RAFTER AND/OR ROOF TRUSS SHALL BE ANCHO H1 ANCHORS AT EACH END.
- 12. I-JOISTS AND RAFTERS SHALL HAVE FULL-HEIGHT SOLID BLOCKING AT T POINTS. CONNECT EACH BLOCK TO TOP OF EXTERIOR WALLS WITH SIMI EACH JOIST OR RAFTER SHALL BE ANCHORED WITH SIMPSON H2.5 ANC
- 13. WOOD MEMBERS SHALL NOT BE CUT FOR PIPES, ETC. UNLESS SPECIFIC
- 14. BIRDS MOUTHS AND/OR NOTCHING OF STRUCTURAL MEMBERS NOT SPE DETAILED ON THE STRUCTURAL PLANS IS NOT PERMITTED WITHOUT PRI COLUMNS & STUDS
- 15. ALL COLUMNS SHALL EXTEND DOWN THROUGH THE STRUCTURE TO TH COLUMNS SHALL BE BRACED AT EACH FLOOR LEVEL. COLUMNS SHALL DEEP AS THE MEMBER THEY SUPPORT IN ORDER TO PROVIDE FULL BEA
- 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 NO PLANS.
- FLOOR, ROOF & WALL SHEATHING
- 19. ALL ROOF SHEATHING SHALL BE 5/8" APA EXP. 1 RATED SHEATHING OR COMMON NAILS AT 6" O.C. PERIMETER, 6" O.C. PANEL EDGES AND AT 12" PANEL EDGES ARE UNBLOCKED UNLESS NOTED OTHERWISE ON THE ST
- 20, ALL FLOOR SHEATHING TO BE 3/4" THICK T&G SHEATHING GLUED AND N COMMON NAILS OR EQUAL AT 6" O.C. PERIMETER, 6" O.C. PANEL EDGES THE FIELD. PANEL EDGES ARE UNBLOCKED UNLESS NOTED OTHERWIS STRUCTURAL PLANS.
- 21. ALL EXTERIOR WALLS SHALL BE SHEATHED WITH 7/16" APA EXP. 1 RATED EQUAL WITH 8d COMMON NAILS AT 6" O.C. EDGES AND AT 12" O.C. IN TH BLOCKED AT ALL PANEL EDGES, UNLESS NOTED OTHERWISE IN SHEAR STRUCTURAL CONNECTIONS
- 22 THE CONTRACTOR IS ULTIMATELY RESPONSIBLE TO PROVIDE ADEQUAT CONNECTIONS. CONNECTIONS MUST CARRY THE BEARING CAPACITY O ANY UPLIFT OR SEISMIC FORCES GENERATED IN THE MEMBER. SPECIAL SHALL BE GIVEN TO PREVENT CRUSHING OF THE MEMBER AT BEARING, CRACKING OF THE WOOD, AND THE LIKE.
- 23. THE CONTRACTOR SHALL STRICTLY ADHERE TO THE CONNECTION DET/ THE PLANS OR INCLUDED WITH THE CONSTRUCTION DOCUMENTS. PRIC REQUIRED FOR ANY DEVIATION FROM THE CONSTRUCTION DOCUMENT
- 24. SUBSTITUTION OF CONNECTIONS OTHER THAN THOSE SPECIFIED ON T PRIOR APPROVAL. THE ENGINEER IS NOT RESPONSIBLE FOR CONNECTION APPROVED PRIOR TO CONSTRUCTION OR INSTALLATION.
- 25. IF CONNECTION DETAILS, APPROVED BY THE ENGINEER, HAVE NOT BEE CONSTRUCTION DOCUMENTS, IT IS THE CONTRACTOR'S RESPONSIBILIT PROVIDE ALL STRUCTURAL CONNECTIONS. IF OTHER THAN STANDARD REQUIRED, SEE ENGINEER FOR ADDITIONAL ASSISTANCE.
- 26. USE SIMPSON CONNECTIONS OR EQUIVALENT. INSTALL PER MANUFACT SPECIFICATIONS.
- 27. SHOP DRAWINGS FOR ALL FABRICATED STEEL CONNECTIONS SHALL BE REVIEW & APPROVAL PRIOR TO FABRICATION AND INSTALLATION. SEE G NOTES.
- 28. SEE GENERAL CONCRETE NOTES FOR SPECIFICATION OF ANCHOR BOL SHALL THE MUD SILL BE NOTCHED FOR THE INSTALLATION OF PLATE WA ANY OTHER REASON.
- 29. ALL STRUCTURAL MEMBERS SHALL HAVE 1 3/4" MINIMUM BEARING.
- 30. FOR ADDITIONAL NAILING PATTERN, SEE SCHEDULES IN THE INTERNATI CODE (IBC).
- **STAIR FRAMING**
- 31. STAIR STRINGERS SHALL BE 11 7/8" LVL's AT 16" O.C. (MAX.) w/ A MAXIMU OF 12'-0". USE 14" LVL UP TO 16'-0" RUN

	GENERAL WOOD TRUSS NOTES	
	1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.	
DLOCAL	2. 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 FAVES AND IN VALLEYS. IMPACT LOADS FROM FALLING SNOW	
FTERS, HEADERS)	AND ICE, ETC.	
UNLESS NOTED DUBLE TOP PLATE. AND SHALL LAP 48" MIN.	 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 INSTALLATION. 	M M
CIFIED IN THE	4. 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	N N N
DF/DF. DO NOT	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	
T UP w/ 1 3/4" /ANUFACTURERS	TRUSS PLACEMENT DIAGRAM. 6. THE TRUSSES SHALL BE DESIGNED TO CARRY ANY ADDITIONAL LOADS DUE TO MECHANICAL UNITS, OVERHEAD DOORS, ROOF OVERBUILDS, ETC. SEE STRUCTURAL PLANS FOR	
-LAMINATED LUMBER,	ADDITIONAL REQUIREMENTS. 7. ALL MEMBERS SHALL BE DESIGNED FOR COMBINED STRESSES, BASED ON THE WORST LOADING CONDITION	
DNCRETE OR	8. BOTTOM CHORDS OF TRUSSES, ACTING AS CEILING MEMBERS, MUST BE ABLE TO SUPPORT	
IS, 26 GAUGE URE BARRIER. SEE	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.	
LOCKING AT THEIR ORED WITH SIMPSON	10. PROVIDE 1/8" CAMBER FOR EACH 6 FEET OF TRUSS UNLESS OTHERWISE INDICATED. TRUSS BRACING & BLOCKING	
THEIR BEARING IPSON A34 CLIPS	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.	
CALLY DETAILED	12. THE TRUSS MANUFACTURER SHALL SPECIFY ALL REQUIRED TRUSS BLOCKING. TRUSS BLOCKING SHALL BE DESIGNED FOR LATERAL LOADINGS.	
	FABRICATION & INSTALLATION	2
	13. ALL DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION.	
IE FOUNDATION. . BE AS WIDE AND	14. FABRICATE TRUSSES FROM SHOP DRAWINGS REVIEWED AND APPROVED BY THE ENGINEER AND ARCHITECT.	
RING.	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.	
TED OTHER-WISE ON	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.	N ans fo
EQUAL WITH 10d " O.C. IN THE FIELD. IRUCTURAL PLANS.	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.	ral Pla
NAILED WITH 10d AND AT 10" O.C. IN E ON THE	METAL GUSSET PLATES 18. GUSSET PLATES SHALL BE SPECIFIED FOR GREATER OF EITHER THE MEMBER FORCES SHOWN ON DRAWINGS OR THE MEMBER FORCES DERIVED FROM STRUCTURAL ANALYSIS. PLUS OR MINUS 6%.	tructu UN
D SHEATHING OR	19. NO PANEL POINT SHALL HAVE MORE THAN ONE PLATE PER TRUSS SIDE.	
WALL SCHEDULE.	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".	≥ ~
E STRUCTURAL DF THE MEMBER AND L CONSIDERATION SPLITTING AND/OR	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%.	
AILS SPECIFIED ON	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.	
HE PLANS REQUIRES	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.	
	DESIGN LOADS FOR ROOF TRUSSES:	
IN PROVIDED IN THE TY TO SPECIFY AND CONNECTIONS ARE	TOP CHORD LIVE LOAD $= 192 PSF$ TOP CHORD DEAD LOAD $= 10 PSF$ BOT CHORD LIVE LOAD $= 0 PSF$ POT CHORD DEAD LOAD $= 5 PSF$	
TURERS	TOTAL DESIGN LOAD = 207 PSF = $207 PSF$	STRUC
E SUBMITTED FOR GENERAL STEEL	$\overline{\text{DEFLECTION CRITERIA ROOF TRUSSES:}}$ $TOTAL LOAD DEFLECTION = L/240$	5 NO. 19
TS, ETC. IN NO CASE ASHERS, OR FOR		ADA ADA
ONAL BUILDING	DESIGN CRITERIA	DESIGNED BY:
IM HORIZONTAL RUN	SNOW LOAD 192 PSF SEISMIC DESIGN CATEGORY D RISK CATEGORY 11 3 SECOND GUST WIND SPEED 115 MPH EXPOSURE B ALLOWABLE SOIL BEARING 1,500 PSF SOIL SITE CLASS D	CHECKED BY: SCALE: A DATE: JUL
	DESIGN LOADS	JOB No.
	ROOF LIVE LOAD192 PSFROOF DEAD LOAD15 PSFFLOOR LIVE LOAD40 PSFFLOOR DEAD LOAD50 PSF	GENERA SHE
	DESIGN CODE	SHEFT
	2015 INTERNATIONAL BUILDING CODE (IBC)	UTILL

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VED BY:

J.D.A

J.D.A.

	SPECIAL INSP	ECTION SCHEDULE				STATEMENT OF SPECIAL INSPECTIONS	
	SOILS	(IBC 1705.6)	MASONRY	CONSTRUCTI	O N (IBC 1705.4)	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	
		ON FREQUENCY COMMENTS		INSPECTION FREQUENCY	COMMENTS	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	$ \cup $
	CONT.	PERIODIC PRIOR TO PLACEMENT OF CONCRETE.		CONT. PERIODIC		THE BUILDING DEPARTMENT OF THE LOCAL JURISDICTION.	
	X		VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY		COMPRESSIVE STRENGTH TESTS PER ASTM C 1019 FOR SLUMP FLOW AND	2. SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE	
	X EXCAVATION EXTEND TO PROPER DEPTH AND MATERIALS	PRIOR TO PLACEMENT OF COMPACTED FILL OR CONCRETE.		V		REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE WITH APPROVED	
	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.			AS SPECIFIED IN ARTICLE 1.4.B OF ACI 530.1 PRIOR TO CONSTRUCTION.	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	
	VERIFY PROPER FILL MATERIALS, LIFT THICKNESSES AND IN-PLACE DENSITIES		REVIEW MATERIAL CERTIFICATES, MIX DESIGNS, TEST	1 3 3 3 3 3 3 3 3 3 3	VERIFY MATERIALS CONFORM TO APPROVED CONSTRUCTION DOCUMENTS.	CHARGE PRIOR TO THE COMPLETION OF THAT A PHASE OF THE WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY	
	VERIFY PROPERLY PREPARED SITE AND SUBGRADE	PRIOR TO PLACEMENT OF CONCRETE.	RESULTS AND CONSTRUCTION PROCEDURES		MIX DESIGN, TEST RESULTS, MATERIAL CERTIFICATES, AND CONSTRUCTION PROCEDURES SHOULD BE SUBMITTED FOR REVIEW. MORTAR MIX DESIGNS SHALL CONFORM TO ASTM C 270 WHILE GROUT SHALL CONFORM TO ASTM C 476. MATERIAL CERTIFICATES SHALL BE PROVIDED FOR THE FOLLOWING:	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.	
	CONCRETE CONS	STRUCTION (IBC 1705.3)			REINFORCEMENT; ANCHORS, TIES, FASTENERS, AND METAL ACCESSORIES; MASONRY UNITS; MORTAR AND GROUT MATERIALS. REVIEW COLD-WEATHER OR HOT-WEATHER CONSTRUCTION PROCEDURES.	3. SPECIAL INSPECTIONS FOR EACH TASK SHALL BE CARRIED OUT IN COMPLIANCE WITH REQUIREMENTS PER THE CURRENT IBC AND OTHER MATERIAL STANDARDS.	
		ON FREQUENCY	AS CONSTRUCTION BEGINS (TABLE 1.19.2, TMS-402/AC	L		FABRICATION SHOP REQUIREMENTS	
	CONT. REINFORCING STEEL PLACEMENT	PERIODIC VERIFY SIZE, CLEARANCES, SPLICES AND PROPER TIES.	PROPORTIONS OF SITE-PREPARED MORTAR	♦	VERIFY THAT MORTAR IS TYPE AND COLOR SPECIFIED ON APPROVED PLANS, IT CONFORMS TO ASTM C 270, AND IS MIXED PER ARTICLE 2.6.A OF ACI 530.1.	BEING PERFORMED ON THE PREMISES OF A FABRICATORS SHOP, SPECIAL INSPECTIONS REQUIRED BELOW SHALL BE PROVIDED IN THE SHOP DURING THE FABRICATION	
Image: And and State St	REINFORCING BAR WELDING		CONSTRUCTION OF MORTAR JOINTS		VERIFY MORTAR JOINTS MEET ARTICLE 3.3.B OF ACI 530.1.1	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	
Low Multiple Image: Control of the c	a. WELDABILTY OF NON ASTM A706 BARS b. SINGLE PASS FILLED WELDS < 5/16"		GRADE AND SIZE OF PRE-STRESSING TENDONS AND ANCHORAGES		VERIFY THAT PRE-STRESSING TENDONS CONFORM TO REQUIREMENTS OF ARTICLE 2.4B AND 2.4H OF ACI530.1	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	
VICTOR	CAST IN ANCHORS	VERIFY MIX DESIGN MEETS STRENGTH AND EXPOSURE REQUIREMENTS LISTED	LOCATION OF REINFORCEMENT, CONNECTORS AND ANCHORAGES.		VERIFY REINFORCEMENT IS PLACED IN ACCORDANCE WITH ARTICLE 3.4 OF 530.1.	DRAWINGS.	(
Laborative starting starti	POST-INSTALLED ANCHORS	IN ACCORDANCE WITH APPROVED ICC-ES REPORT. PERIODIC INSPECTIONS	PRE-STRESSING TECHNIQUE		VERIFY PRE-STRESSING TECHNIQUE CONFORMS TO ARTICLE 3.6B OR ACI 530.1		+
Improve the function of the fun	a. ADHESIVE ANCHORS INSTALLED HORIZONTALLY OR UPWARDLY INCLINED RESISTING SUSTAINED TENSION LOADS	ALLOWED IF STATED IN ES REPORT.	PROPERTIES OF THIN BED MORTAR FOR AAC MASONRY	$\diamond \qquad \diamond$	VERIFY REINFORCEMENT IS PLACED IN ACCORDANCE WITH ARTICLE 3.4 OF 530.1.		ll ģ
Image: information informatinformation information information information informat	b. POST INSTALLED ANCHORS NOT DEFINED IN a.		PRIOR TO GROUTING (TABLE 1.19.2, TMS-402/ACI 530-1	1):			20 10
Important	SLUMP, AIR + TEMPERATURE TESTS.	ON APPROVED PLANS.	GROUT SPACE	♦	VERIFY GROUT SPACE IS FREE OF MORTAR DROPPINGS, DEBRIS, LOOSE AGGREGATE, AND OTHER DELETERIOUS MATERIALS AND THAT CLEANOUTS ARE PROVIDED PER ARTICLE 3.2D AND 3.2F OF ACI 530.1		
	PREPARE STRENGTH TEST SAMPLES CONCRETE PLACEMENT	INCLUDES SAMPLING FOR AIR, SLUMP, STRENGTH AND TEMPERATURE	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		
Image: An and the second of	CURING TEMPERATURE MAINTENANCE		PLACEMENT OF REINFORCEMENT, CONNECTORS AND ANCHORAGES		VERIFY REINFORCEMENT, JOINT REINFORCEMENT, ANCHOR BOLTS AND VENEER ANCHORS ARE INSTALLED PER APPROVED PLANS AND ARTICLES 3.2 F		E E
Instructions Image: Instructions	PRESTRESSED CONCRETE a. PRESTRESSING FORCES		PROPORTIONS OF SITE-PREPARED GROUT.		3.4, AND 3.6.A OF ACI 530.1. VERIFY GROUT PROPORTIONS MEET ASTM C 476 AND A SLUMP BETWEEN 8-11		
Implementation Imple	b. GROUTING OF BONDED TENDONDS		CONSTRUCTION OF MORTAR JOINTS		INCHES. SELF-CONSOLIDATED GROUT SHALL NOT BE PROPORTIONED ONSITE. VERIFY MORTAR JOINTS PLACED IN ACCORDANCE WITH ARTICLE 3.3.B OF ACI		lans NN
Instruction of Head of					530.1.		
	POST-TENSIONED CONCRETE STRENGTH		DURING CONSTRUCTION (TABLE 1.19.2, TMS-402/ACI 5	30-11):			
COLD -FORMED STEEL CONSTRUCTION (IBC 1705.11.2 & 1705.12.3) 0 TASK Control FREQUENCY Con	INSPECT FORMWORK		SIZE AND LOCATION OF STRUCTURAL ELEMENTS		CONFIRM TOLERANCES MEET ARTICLE 3.3.F OF ACI 530.1.		
INSTALLATION OF OPEN-WEB STEEL OWNENTS: INSTALLATION OF OPEN-WEB STEELL JOISTS AND GIRDERS (JEC 1705.2.3). INSTALLATION OF OPEN-WEB STEELL JOISTS AND GIRDERS (JEC 1705.2.3). OWNENTS: INSTALLATION OF OPEN-WEB STEELL JOISTS AND GIRDERS (JEC 1705.2.3). INSTALLATION OF OPEN-WEB STEELL JOISTS AND GIRDERS (JEC 1705.2.3). OWNENTS: OWNENTS: INSTALLATION OF OPEN-WEB STEELL JOISTS AND GIRDERS (JEC 1705.2.3). OWNENTS: OWNENTS: INSTALLATION OF OPEN-WEB STEELL JOISTS AND GIRDERS (JEC 1705.2.3). OWNENTS: OWNENTS: INSTALLATION OF OPEN-WEB STEELL JOISTS AND GIRDERS (JEC 1705.2.3). OWNENTS: OWNENTS: OWNENTS: INSTALLATION OF OPEN-WEB STEELL JOISTS AND GIRDERS (JEC 1705.2.3). OWNENTS: OWNENTS: OWNENTS:			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.		0 tr
Control Contro Control Control		ON FREQUENCY	WELDING OF REINFORCEMENT	♦	VERIFY CONFORMANCE WITH SECTIONS 2.1.7.7.2, 3.3.3.4 (c) AND 8.3.3.4 (b) OF ACI 530		≥
Integration systems V Value Bandes and Holdows Ho	COMPONENTS OF WIND AND SEISMIC-FORCE	PERIODIC COMMENTS: VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR	APPLICATION AND MEASUREMENT OF PRE-STRESSING FORCE	\Diamond	VERIFY CONFORMANCE WITH ARTICLE 3.6B OF ACI 530.1		
RESIDENCE COMPRESSION	RESISTING SYSTEMS FIELD WELDING OF ELEMENTS OF MAIN LATERAL FORCE	WALLS, BRACES AND HOLDOWNS HAVING A FASTENER SPACING ≤ 4 " O.C.A	PLACEMENT OF GROUT	♦			ä
OTHER THAN STRUCTURAL STEEL (IBC 1705.2.2) 10 Task INSPECTION FREQUENCY COMMENTS: 5 CONTO FREQUENCY COMMENTS: 8 CONTO FREQUENCY COMMENTS: Material verification of steel cock Inspection steel: Material verification of steel cock Inspection steel: Wellow of Reinforcements regions Inspection steel: Wellow of Reinforcements regions Verifier that wellow conformer to awe build. Wellow of Reinforcements regions Verifier that wellow conformer to awe build. Wellow of Reinforcements regions Verifier that wellow conformer to awe build. Wellow of Reinforcements regions Verifier that wellow conformer to awe build. Wellow of Reinforcements regions Verifier that wellow conformer to awe build. Wellow of Reinforcements regions Verifier that wellow conformer to awe build. Wellow of Reinforcements regions Verifier that wellow conformer to awe build. Verifier that wellow conformer to awe build. Verifier that wellow conformer to awe build. Verifier that wellow conformer to awe build. Verifier that wellow conformer to awe build. Verifier that wellow conformer to awe build. Verifier that wellow conformer to awe build. Verifier that the confor	RESISTING SYSTEM.		PREPARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD WEATHER (<40°F) OR HOT		VERIFY COLD-WEATHER CONSTRUCTION COMPLIES WITH ARTICLE 1.8.C OF ACI 530.1 AND HOT WEATHER CONSTRUCTION PER ARTICLE 1.8.D OF ACI 530.1.		≥
vp TASK VINPECTION FREQUENCY STEEL ROOF & FLOOR DECK: MATERIAL VERIFICATION OF STEEL DECK Noterial verification of steel beck Noterial verification of steel beck Verification of welloas and Verification of welloas and welloa welloas and welloa welloa wel	OTHER THAN STRUC	TURAL STEEL (IBC 1705.2.2)	WEATHER (>90°F). PLACEMENT OF GROUT AND PRE-STRESSING GROUT FOF PONDED TENDONS		VERIFY COMPLIANCE WITH ARTICLE 3.5, 3.6C OF ACI 530.1		Ŏ
STEEL ROOF & FLOOR DECK: IDENTIFICATION OF STEEL DECK IDENTIFICATION MARKINGS PER APPLICABLE ASTM STANDARD MATERIAL VERIFICATION OF STEEL DECK IDENTIFICATION MARKINGS PER APPLICABLE ASTM STANDARD IDENTIFICATION MARKINGS PER APPLICABLE ASTM STANDARD ROOF AND DECK WELDS VERIFY THAT WELDS CONFORM TO AWS D1.3. IDENTIFICATION OF GROUT SPECIMENS, MORTAR IDENTIFICATION (IBC 1705.11.2) WELDING OF REINFORCING STEEL: VERIFY MATERIAL IS ABLE TO CONFORM TO AWS D1.4. INSPECTION FREQUENCY COMMENTS: VERIFICATION OF WELDABILITY (EXCEPT A708 BAR) VERIFY MATERIAL IS ABLE TO CONFORM TO AWS D1.4. INSPECTION FREQUENCY COMMENTS D TASK INSPECTION FREQUENCY COMMENTS: VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR MAILLE BANCES AND HOLDOWS HAVING A FASTENER SPACING < + o.C.	Q'D TASK INSPECTIO	ON FREQUENCY COMMENTS:		V			"
MATERIAL VERIFICATION OF STEEL DECK Image: Control Markings per Applicable Astm standard Image: Control Markings per Applicable Astm standard ROOF AND DECK WELDS Image: Control Markings per Applicable Astm standard Image: Control Markings per Applicable Astm standard Image: Control Markings per Applicable Astm standard Image: Meloning of ReinFORCINg Steel: Image: Control Markings per Applicable Astm standard Im	STEEL ROOF & FLOOR DECK:		OBSERVATION OF GROUT SPECIMENS, MORTAR		CONFIRM SPECIMENS/ PRISMS ARE PERFORMED AS REQUIRED BY ARTICLE 1.4		
ROOF AND DECK WELDS VERIFY THAT WELDS CONFORM TO AWS D1.3. WOOD CONSTRUCTION (IBC 1705.11.2) WELDING OF REINFORCING STEEL: VERIFY MATERIAL IS ABLE TO CONFORM TO AWS D1.4. NSPECTION FREQUENCY COMMENTS: VERIFICATION OF WELDABILITY (EXCEPT A706 BAR) VERIFY MATERIAL IS ABLE TO CONFORM TO AWS D1.4. REGD TASK INSPECTION FREQUENCY COMMENTS: INSTALLATION OF OPEN-WEB STEEL JOISTS AND GIRDERS (IBC 1705.2.3) INSPECTION FREQUENCY COMMENTS: VERIFY ROPER SISTING SYSTEMS VERIFY ROPER SISTING SYSTEMS Image: Components of Wind and seismic-Force resisting systems Verify Roper screw attractment spacing s 4* 0.C. Task INSPECTION FREQUENCY COMMENTS: Comments: Image: Comments of Wind and seismic-Force resisting system Image: Components of Wind and seismic	MATERIAL VERIFICATION OF STEEL DECK	IDENTIFICATION MARKINGS PER APPLICABLE ASTM STANDARD	SPECIMENS, AND / OR PRISMS.				
WELDING OF REINFORCING STEEL: INSPECTION FREQUENCY INSPECTION FREQUENCY COMMENTS: VERIFICATION OF WELDABILITY (EXCEPT A706 BAR) VERIFY MATERIAL IS ABLE TO CONFORM TO AWS D1.4. REQ TASK COMPONENTS OF WIND AND SEISMIC-FORCE COMPONENTS OF WIND AND SEISMIC-FORCE VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR INSTALLATION OF OPEN-WEB STEEL JOISTS AND GIRDERS (IBC 1705.2.3) FIELD GLUING OF MAIN LATERAL FORCE RESISTING SYSTEM V VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR TASK INSPECTION FREQUENCY CONT. COMMENTS: COMMENTS: COMMENTS: V VERIFY RATERAL FORCE RESISTING SYSTEM V V VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR V V VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR V V V VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR V V VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR V	ROOF AND DECK WELDS	VERIFY THAT WELDS CONFORM TO AWS D1.3.	WOOD CO		(IBC 1705.11.2)		STRU STRU
Vehicitation of weldability (except aros bar) Verify Material is able to conform to aws 01.4. Vehicitation of weldability (except aros bar) Verify Material is able to conform to aws 01.4. INSTALLATION OF OPEN-WEB STEEL JOISTS AND GIRDERS (IBC 1705.2.3) IBC 1705.2.3) 'D Task INSPEction FREquency CONT. Comments:	WELDING OF REINFORCING STEEL:		REQ'D TASK	CONT. PERIODIC	COMMENTS:		5 NO. 1
INSTALLATION OF OPEN-WEB STEEL JOISTS AND GIRDERS (IBC 1705.2.3) 'D TASK INSPECTION FREQUENCY CONT. COMMENTS:	VERIFICATION OF WELDABILITY (EXCEPT A706 BAR)	VERIFY MATERIAL IS ABLE TO CONFORM TO AWS D1.4.	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.		JA AD
TASK INSPECTION FREQUENCY COMMENTS:	INSTALLATION OF OPEN-WEB STEE	EL JOISTS AND GIRDERS (IBC 1705.2.3)	FIELD GLUING OF MAIN LATERAL FORCE RESISTING SYSTEM	♦			STATE T
	EQ'D TASK INSPECTIO	ON FREQUENCY COMMENTS:	1				

SPEC	IAL INSPECTION SCHEDULE		STATEMENT OF SPECIAL INSPECTIONS
	SOILS (IBC 1705.6)	MASONRY CONSTRUCTION (IBC 1705.4)	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
REQ'D TASK	INSPECTION FREQUENCY CONIT PERIODIC	REQ'D TASK INSPECTION FREQUENCY COMMENTS:	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
VERIFY ADEQUATE MATERIALS BELOW FOOTINGS	PRIOR TO PLACEMENT OF CONCRETE.	MINIMUM TESTING (TABLE 1.19.2, TMS - 402/ACI 530-11):	THE BUILDING DEPARTMENT OF THE LOCAL JURISDICTION.
EXCAVATION EXTEND TO PROPER DEPTH AND MATERIALS	V Image: Prior to placement of compacted fill or concrete.	VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) FOR SELF-CONSOLIDATING GROUT.	SHALL FURNISH INSPECTIONS SHALL REEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTION SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL
X		VERIFICATION OF F' _M . DETERMINE COMPRESSIVE STRENGTH PER "UNIT STRENGTH" OR "PRISM TEST"	INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE WITH APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE
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.		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 BEGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE
VERIFY PROPER FILL MATERIALS, LIFT THICKNESSES AND IN-PLACE DENSITIES		PRIOR TO CONSTRUCTION (ARTICLE 1.15, TMS-602/ACI 530.1-11): REVIEW MATERIAL CERTIFICATES, MIX DESIGNS, TEST Image: Construction construction documents.	CHARGE PRIOR TO THE COMPLETION OF THAT A PHASE OF THE WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY
VERIFY PROPERLY PREPARED SITE AND SUBGRADE	PRIOR TO PLACEMENT OF CONCRETE.	RESULTS AND CONSTRUCTION PROCEDURES MIX DESIGN, TEST RESULTS, MATERIAL CERTIFICATES, AND CONSTRUCTION PROCEDURES SHOULD BE SUBMITTED FOR REVIEW. MORTAR MIX DESIGNS SHALL CONFORM TO ASTM C 270 WHILE GROUT SHALL CONFORM TO ASTM C	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.
		476. MATERIAL CERTIFICATES SHALL BE PROVIDED FOR THE FOLLOWING: REINFORCEMENT; ANCHORS, TIES, FASTENERS, AND METAL ACCESSORIES; MASONRY UNITS: MORTAR AND GROUT MATERIALS, BEVIEW COLD-WEATHER	3. SPECIAL INSPECTIONS FOR EACH TASK SHALL BE CARRIED OUT IN COMPLIANCE WITH BEQUIBEMENTS PER THE CUBBENT IBC AND OTHER MATERIAL STANDARDS
CONCRETE	CONSTRUCTION (IBC 1705.3)	OR HOT-WEATHER CONSTRUCTION PROCEDURES.	FABRICATION SHOP REQUIREMENTS
REQ'D TASK	INSPECTION FREQUENCY CONT. PERIODIC COMMENTS:	AS CONSTRUCTION BEGINS (TABLE 1.19.2, TMS-402/ACI 530-11):	4. WHERE FABRICATION OF STRUCTURAL LOAD BEARING MEMBERS AND ASSEMBLIES IS
REINFORCING STEEL PLACEMENT	VERIFY SIZE, CLEARANCES, SPLICES AND PROPER TIES.	CONFORMS TO ASTM C 270, AND IS MIXED PER ARTICLE 2.6.A OF ACI 530.1.	REQUIRED BELOW SHALL BE PROVIDED IN THE SHOP DURING THE FABRICATION PROCESS. THIS REQUIREMENT MAY BE EXCEPTED IF THE WORK IS DONE ON THE
Image: Weight of the second		CONSTRUCTION OF MORTAR JOINTS VERIFY MORTAR JOINTS MEET ARTICLE 3.3.B OF ACI 530.1.1	PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. A CERTIFICATE SHALL BE REQUIRED TO VERIFY SUCH
a. WELDABILTY OF NON ASTM A706 BARS b. SINGLE PASS FILLED WELDS < 5/16"		GRADE AND SIZE OF PRE-STRESSING TENDONS AND ANCHORAGES VERIFY THAT PRE-STRESSING TENDONS CONFORM TO REQUIREMENTS OF ARTICLE 2.4B AND 2.4H OF ACI530.1	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
CAST IN ANCHORS	VERIFY MIX DESIGN MEETS STRENGTH AND EXPOSURE REQUIREMENTS LISTED	LOCATION OF REINFORCEMENT, CONNECTORS AND ANCHORAGES.	DRAWINGS.
POST-INSTALLED ANCHORS	IN ACCORDANCE WITH APPROVED ICC-ES REPORT. PERIODIC INSPECTIONS	PRE-STRESSING TECHNIQUE PRE-STRESSING TECHNIQUE VERIFY PRE-STRESSING TECHNIQUE CONFORMS TO ARTICLE 3.6B OR ACI 530.1	
a. ADHESIVE ANCHORS INSTALLED HORIZONTALLY OR UPWARDLY INCLINED RESISTING SUSTAINED TENSION LOA	ALLOWED IF STATED IN ES REPORT.	PROPERTIES OF THIN BED MORTAR FOR AAC MASONRY VERIFY REINFORCEMENT IS PLACED IN ACCORDANCE WITH ARTICLE 3.4 OF 530.1.	
b. POST INSTALLED ANCHORS NOT DEFINED IN a.		PRIOR TO GROUTING (TABLE 1.19.2, TMS-402/ACI 530-11):	
	ON APPROVED PLANS.	GROUT SPACE GROUT SPACE VERIFY GROUT SPACE IS FREE OF MORTAR DROPPINGS, DEBRIS, LOOSE AGGBEGATE, AND OTHER DELETEBIOUS MATERIALS AND THAT CLEANOUTS	
SLUMP, AIR + TEMPERATURE TESTS. PREPARE STRENGTH TEST SAMPLES		ARE PROVIDED PER ARTICLE 3.2D AND 3.2F OF ACI 530.1	
X CONCRETE PLACEMENT	INCLUDES SAMPLING FOR AIR, SLUMP, STRENGTH AND TEMPERATURE TECHNIQUES.	GRADE, TYPE AND SIZE OF REINFORCEMENT, ANCHOR BOLTS AND ANCHORAGES. VENEER ANCHORS COMPLY WITH APPROVED PLANS AND SECTIONS 1.6 OF ACI 530.	
X CURING TEMPERATURE MAINTENANCE	♦	PLACEMENT OF REINFORCEMENT, CONNECTORS AND ANCHORAGES.	
PRESTRESSED CONCRETE a. PRESTRESSING FORCES b. GROUTING OF BONDED TENDONDS		PROPORTIONS OF SITE-PREPARED GROUT. VERIFY GROUT PROPORTIONS MEET ASTM C 476 AND A SLUMP BETWEEN 8-11 INCHES. SELF-CONSOLIDATED GROUT SHALL NOT BE PROPORTIONED ONSITE.	
ERECTION OF PRECAST MEMBERS		CONSTRUCTION OF MORTAR JOINTS VERIFY MORTAR JOINTS PLACED IN ACCORDANCE WITH ARTICLE 3.3.B OF ACI 530.1.	
POST-TENSIONED CONCRETE STRENGTH		DURING CONSTRUCTION (TABLE 1.19.2, TMS-402/ACI 530-11):	<u>ਤ</u> ਯੂ ਦ
		SIZE AND LOCATION OF STRUCTURAL ELEMENTS VERIFY LOCATIONS OF STRUCTURAL ELEMENTS PER APPROVED PLANS AND CONFIRM TOLERANCES MEET ARTICLE 3.3.F OF ACI 530.1.	
		APPROVED PLANS AND SECTIONS 1.16.4.3 AND 1.17.1 OF ACI 530.	
		WELDING OF REINFORCEMENT 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 VERIFY CONFORMANCE WITH ARTICLE 3.6B OF ACI 530.1	
RESISTING SYSTEMS	VERIFY FROPER SCREW AT ACHIVENT, BOLTING AND ANCHORING OF SHEARWALLS, BRACES AND HOLDOWNS HAVING A FASTENER SPACING ≤ 4 " O.C.	PLACEMENT OF GROUT V	
FIELD WELDING OF ELEMENTS OF MAIN LATERAL FORCE RESISTING SYSTEM.		PREPARATION, CONSTRUCTION AND PROTECTION OF VERIFY COLD-WEATHER CONSTRUCTION COMPLIES WITH ARTICLE 1.8.C OF ACI MASONRY DURING COLD WEATHER (< 40°E) OR HOT	
OTHER THAN S	STRUCTURAL STEEL (IBC 1705.2.2)	WEAGONITI DOTING COLD WEATHER (<90°F). PLACEMENT OF GROUIT AND PRE-STRESSING GROUIT FOR	
REQ'D TASK	INSPECTION FREQUENCY CONT. PFRIODIC COMMENTS:	BONDED TENDONS	
STEEL ROOF & FLOOR DECK:		OBSERVATION OF GROUT SPECIMENS, MORTAR	
MATERIAL VERIFICATION OF STEEL DECK	IDENTIFICATION MARKINGS PER APPLICABLE ASTM STANDARD	SPECIMENS, AND / OR PRISMS. OF ACI 530.1.	
ROOF AND DECK WELDS	VERIFY THAT WELDS CONFORM TO AWS D1.3.	WOOD CONSTRUCTION (IBC 1705.11.2)	STRUCTU
WELDING OF REINFORCING STEEL:		REQ'D TASK INSPECTION FREQUENCY COMMENTS:	S NO. 1909
VERIFICATION OF WELDABILITY (EXCEPT A706 BAR)	VERIFY MATERIAL IS ABLE TO CONFORM TO AWS D1.4.	X COMPONENTS OF WIND AND SEISMIC-FORCE VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING AFASTENER SPACING ≤ 4" O.C.	JAY D. ADAMS
INSTALLATION OF OPEN-V	VEB STEEL JOISTS AND GIRDERS (IBC 1705.2.3)	FIELD GLUING OF MAIN LATERAL FORCE RESISTING SYSTEM Image: Comparison of the system is a system	STATE OF U
REQ'D TASK	INSPECTION FREQUENCY COMMENTS:		

SPECIAL INSPE	CTION SCHEDULE			STATEMENT OF SPECIAL INSPECTIONS	
SOILS	(IBC 1705.6)	MASONRY CONS	TRUCTION (IBC 1705.4)	 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 	AH 8460
	I FREQUENCY	INSPECTIO	N FREQUENCY	COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL	
CONT.	PERIODIC PRIOR TO PLACEMENT OF CONCRETE		PERIODIC	THE BUILDING DEPARTMENT OF THE LOCAL JURISDICTION.	
X EXCAVATION EXTEND TO PROPER DEPTH AND MATERIALS	PRIOR TO PLACEMENT OF COMPACTED FILL OR CONCRETE.	MINIMUM TESTING (TABLE 1.19.2, TMS - 402/ACT 530-11): VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) FOR SELF-CONSOLIDATING GROUT.	COMPRESSIVE STRENGTH TESTS PER ASTM C 1019 FOR SLUMP FLOW AND ASTM C 1611 FOR VSI.	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	
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.		DETERMINE COMPRESSIVE STRENGTH PER "UNIT STRENGTH" OR "PRISM TEST" AS SPECIFIED IN ARTICLE 1.4.B OF ACI 530.1 PRIOR TO CONSTRUCTION.	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	N A V A U I I I I I I I I I I I I I I I I I I
VERIFY PROPER FILL MATERIALS, LIFT THICKNESSES AND		PRIOR TO CONSTRUCTION (ARTICLE 1.15, TMS-602/ACI 530.1-11):	VERIEV MATERIALS CONFORM TO APPROVED CONSTRUCTION DOCUMENTS	CHARGE PRIOR TO THE COMPLETION OF THAT A PHASE OF THE WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY	
Verify properly prepared site and subgrade	PRIOR TO PLACEMENT OF CONCRETE.	RESULTS AND CONSTRUCTION PROCEDURES	MIX DESIGN, TEST RESULTS, MATERIAL CERTIFICATES, AND CONSTRUCTION PROCEDURES SHOULD BE SUBMITTED FOR REVIEW. MORTAR MIX DESIGNS SHALL CONFORM TO ASTM C 270 WHILE GROUT SHALL CONFORM TO ASTM C 476. MATERIAL CERTIFICATES SHALL BE PROVIDED FOR THE FOLLOWING: REINFORCEMENT; ANCHORS, TIES, FASTENERS, AND METAL ACCESSORIES;	 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 	ST SNC ST SNC SNC SNC SNC SNC SNC SNC SNC SNC SNC
CONCRETE CONS	TRUCTION (IBC 1705.3)		MASONRY UNITS; MORTAR AND GROUT MATERIALS. REVIEW COLD-WEATHER OR HOT-WEATHER CONSTRUCTION PROCEDURES.	REQUIREMENTS PER THE CURRENT IBC AND OTHER MATERIAL STANDARDS.	
REQ'D TASK INSPECTION	COMMENTS:	AS CONSTRUCTION BEGINS (TABLE 1.19.2, TMS-402/ACI 530-11):		4. WHERE FABRICATION OF STRUCTURAL LOAD BEARING MEMBERS AND ASSEMBLIES IS	
CONT.	PERIODIC VERIFY SIZE, CLEARANCES, SPLICES AND PROPER TIES.	PROPORTIONS OF SITE-PREPARED MORTAR	VERIFY THAT MORTAR IS TYPE AND COLOR SPECIFIED ON APPROVED PLANS, IT CONFORMS TO ASTM C 270, AND IS MIXED PER ARTICLE 2.6.A OF ACI 530.1.	BEING PERFORMED ON THE PREMISES OF A FABRICATORS SHOP, SPECIAL INSPECTIONS REQUIRED BELOW SHALL BE PROVIDED IN THE SHOP DURING THE FABRICATION	
X REINFORCING BAR WELDING		CONSTRUCTION OF MORTAR JOINTS	VERIFY MORTAR JOINTS MEET ARTICLE 3.3.B OF ACI 530.1.1	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	
a. WELDABILTY OF NON ASTM A706 BARS b. SINGLE PASS FILLED WELDS < 5√16" c. ALL OTHER WELDS	\diamond	GRADE AND SIZE OF PRE-STRESSING TENDONS AND ANCHORAGES	VERIFY THAT PRE-STRESSING TENDONS CONFORM TO REQUIREMENTS OF ARTICLE 2.4B AND 2.4H OF ACI530.1	SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DRAWINGS.	
CAST IN ANCHORS	VERIFY MIX DESIGN MEETS STRENGTH AND EXPOSURE REQUIREMENTS LISTED ON APPROVED PLANS.	LOCATION OF REINFORCEMENT, CONNECTORS AND ANCHORAGES.	VERIFY REINFORCEMENT IS PLACED IN ACCORDANCE WITH ARTICLE 3.4 OF 530.1.		
V POST-INSTALLED ANCHORS	IN ACCORDANCE WITH APPROVED ICC-ES REPORT. PERIODIC INSPECTIONS	PRE-STRESSING TECHNIQUE	VERIFY PRE-STRESSING TECHNIQUE CONFORMS TO ARTICLE 3.6B OR ACI 530.1		
a. ADHESIVE ANCHORS INSTALLED HORIZONTALLY OR UPWARDLY INCLINED RESISTING SUSTAINED TENSION LOADS b. DOOT INITIAL ED ANGLIOPO NOT DEFINIED IN -	ALLOWED IF STATED IN ES REPORT.	PROPERTIES OF THIN BED MORTAR FOR AAC MASONRY	VERIFY REINFORCEMENT IS PLACED IN ACCORDANCE WITH ARTICLE 3.4 OF 530.1.		ll ģ
D. POST INSTALLED ANCHORS NOT DEFINED IN a.	VERIEV MIX DESIGN MEETS STRENGTH AND EXPOSURE REQUIREMENTS LISTED	PRIOR TO GROUTING (TABLE 1.19.2, TMS-402/ACI 530-11):			
X VEHIN THEODINED DESIGN WIX X SLUMP, AIR + TEMPERATURE TESTS.	ON APPROVED PLANS.	GROUT SPACE	VERIFY GROUT SPACE IS FREE OF MORTAR DROPPINGS, DEBRIS, LOOSE AGGREGATE, AND OTHER DELETERIOUS MATERIALS AND THAT CLEANOUTS ARE PROVIDED PER ARTICLE 3.2D AND 3.2F OF ACI 530.1		
Note PREPARE STRENGTH TEST SAMPLES Note CONCRETE PLACEMENT	INCLUDES SAMPLING FOR AIR, SLUMP, STRENGTH AND TEMPERATURE	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		
Image: Curring temperature maintenance		PLACEMENT OF REINFORCEMENT, CONNECTORS AND	ACI 530. VERIFY REINFORCEMENT, JOINT REINFORCEMENT, ANCHOR BOLTS AND		II A
PRESTRESSED CONCRETE PRESTRESSENCE FORCES			VENEER ANCHORS ARE INSTALLED PER APPROVED PLANS AND ARTICLES 3.2.E, 3.4, AND 3.6.A OF ACI 530.1.		
b. GROUTING OF BONDED TENDONDS			VERIEV MORTAR JOINTS PLACED IN ACCORDANCE WITH ARTICLE 3 3 B OF ACL		S ans
ERECTION OF PRECAST MEMBERS					
POST-TENSIONED CONCRETE STRENGTH		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 AND 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		が O
COLD-FORMED STEEL CONS	STRUCTION (IBC 1705.11.2 & 1705.12.3)	WELDING OF REINFORCEMENT	VERIFY CONFORMANCE WITH SECTIONS 2.1.7.7.2, 3.3.3.4 (c) AND 8.3.3.4 (b) OF ACI 530		Σ
REQ'D TASK INSPECTION CONT.	PERIODIC COMMENTS:	APPLICATION AND MEASUREMENT OF PRE-STRESSING FORCE	VERIFY CONFORMANCE WITH ARTICLE 3.6B OF ACI 530.1		
RESISTING SYSTEMS	WALLS, BRACES AND HOLDOWNS HAVING A FASTENER SPACING $\leq 4^{\circ}$ O.C.	PLACEMENT OF GROUT			
FIELD WELDING OF ELEMENTS OF MAIN LATERAL FORCE RESISTING SYSTEM.	\diamond	PREPARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD WEATHER (<40°F) OR HOT	VERIFY COLD-WEATHER CONSTRUCTION COMPLIES WITH ARTICLE 1.8.C OF ACI 530.1 AND HOT WEATHER CONSTRUCTION PER ARTICLE 1.8.D OF ACI 530.1.		
OTHER THAN STRUCT	URAL STEEL (IBC 1705.2.2)	WEATHER (>90°F). PLACEMENT OF GROUT AND PRE-STRESSING GROUT FOR	VERIFY COMPLIANCE WITH ARTICLE 3.5, 3.6C OF ACI 530.1		Q
REQ'D TASK INSPECTION CONT.	I FREQUENCY PERIODIC COMMENTS:	BONDED TENDONS			
STEEL ROOF & FLOOR DECK:		OBSERVATION OF GROUT SPECIMENS, MORTAR	CONFIRM SPECIMENS/ PRISMS ARE PERFORMED AS REQUIRED BY ARTICLE 1.4		
MATERIAL VERIFICATION OF STEEL DECK	IDENTIFICATION MARKINGS PER APPLICABLE ASTM STANDARD	SPECIMENS, AND / OK PRISMS.			
ROOF AND DECK WELDS	VERIFY THAT WELDS CONFORM TO AWS D1.3.	WOOD CONSTRU	JCTION (IBC 1705.11.2)		STRUCTURAL
WELDING OF REINFORCING STEEL:	· · · · · · · · · · · · · · · · · · ·	REQ'D TASK INSPECTIO	COMMENTS:		0 NO. 190917
VERIFICATION OF WELDABILITY (EXCEPT A706 BAR)	VERIFY MATERIAL IS ABLE TO CONFORM TO AWS D1.4.	X COMPONENTS OF WIND AND SEISMIC-FORCE X COMPONENTS OF WIND AND SEISMIC-FORCE	VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR WALLS, BRACES AND HOLDOWNS HAVING A FASTENER SPACING $\leq 4^{\circ}$ O.C.		JAY D. ADAMS
INSTALLATION OF OPEN-WEB STEEI	L JOISTS AND GIRDERS (IBC 1705.2.3)	FIELD GLUING OF MAIN LATERAL FORCE RESISTING SYSTEM			ATE OF UTNIT OF THE
REQ'D TASK INSPECTION	COMMENTS:				

SPECIAL INSPECTION SCHEDULE			STATEMENT OF SPECIAL INSPECTIONS	
SOILS (IBC 1705.6)	MASONRY	CONSTRUCTION (IBC 1705.4)	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	R I IAH 846
REQ'D TASK INSPECTION FREQUENCY COMMENTS:	REQ'D TASK	INSPECTION FREQUENCY COMMENTS:	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	
CONT. PERIODIC VERIFY ADEQUATE MATERIALS BELOW FOOTINGS Image: CONT. PRIOR TO PLACEMENT OF CONCRETE.	MINIMUM TESTING (TABLE 1.19.2, TMS - 402/ACI 530-11	11):	THE BUILDING DEPARTMENT OF THE LOCAL JURISDICTION.	
Image: A state of the state	VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) FOR SELF-CONSOLIDATING GROUT.	COMPRESSIVE STRENGTH TESTS PER ASTM C 1019 FOR SLUMP FLOW AND ASTM C 1611 FOR VSI.	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	VEST F WEST P X: (801) 3
X CLASSIFICATION AND TESTING OF FILL MATERIALS Image: Check classification and gradations at each lift, but not less than once for each 10,000 FT ² OF SURFACE AREA.		DETERMINE COMPRESSIVE STRENGTH PER "UNIT STRENGTH" OR "PRISM TEST" AS SPECIFIED IN ARTICLE 1.4.B OF ACI 530.1 PRIOR TO CONSTRUCTION.	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	N N N N N N N N N N
VERIFY PROPER FILL MATERIALS, LIFT THICKNESSES AND IN-PLACE DENSITIES Image: Comparison of the second sec	REVIEW MATERIAL CERTIFICATES, MIX DESIGNS, TEST	VERIFY MATERIALS CONFORM TO APPROVED CONSTRUCTION DOCUMENTS.	CHARGE PRIOR TO THE COMPLETION OF THAT A PHASE OF THE WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY	
X VERIFY PROPERLY PREPARED SITE AND SUBGRADE PRIOR TO PLACEMENT OF CONCRETE.	RESULTS AND CONSTRUCTION PROCEDURES	MIX DESIGN, TEST RESULTS, MATERIAL CERTIFICATES, AND CONSTRUCTION PROCEDURES SHOULD BE SUBMITTED FOR REVIEW. MORTAR MIX DESIGNS SHALL CONFORM TO ASTM C 270 WHILE GROUT SHALL CONFORM TO ASTM C 476. MATERIAL CERTIFICATES SHALL BE PROVIDED FOR THE FOLLOWING: REINFORCEMENT: ANCHORS, TIES, FASTENERS, AND METAL ACCESSORIES:	AGREED UPON BY THE PERMIT APPLICANT AND THE BUILDING OFFICIAL PRIOR TO THE START OF WORK.	N L S S D N I 1887 N R P H I (800 PH) I H I (800 PH) I I I I I I I I I I
CONCRETE CONSTRUCTION (IBC 1705.3)		MASONRY UNITS; MORTAR AND GROUT MATERIALS. REVIEW COLD-WEATHER OR HOT-WEATHER CONSTRUCTION PROCEDURES.	REQUIREMENTS PER THE CURRENT IBC AND OTHER MATERIAL STANDARDS.	
REO'D TASK INSPECTION FREQUENCY COMMENTS:	AS CONSTRUCTION BEGINS (TABLE 1.19.2, TMS-402/AG	ACI 530-11):		
Index Index CONT. PERIODIC Note REINFORCING STEEL PLACEMENT Index VEBIEV SIZE CLEABANCES SPLICES AND PROPER TIES	PROPORTIONS OF SITE-PREPARED MORTAR	VERIFY THAT MORTAR IS TYPE AND COLOR SPECIFIED ON APPROVED PLANS, IT	4. WHERE FABRICATION OF STRUCTURAL LOAD BEARING MEMBERS AND ASSEMBLIES IS BEING PERFORMED ON THE PREMISES OF A FABRICATORS SHOP, SPECIAL INSPECTIONS BEQUIRED BELOW SHALL BE PROVIDED IN THE SHOP DURING THE FABRICATION	
X REINFORCING BAR WELDING	CONSTRUCTION OF MORTAR JOINTS	VERIFY MORTAR JOINTS MEET ARTICLE 3.3.B OF ACI 530.1.1	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	
a. WELDABILTY OF NON ASTM A706 BARS b. SINGLE PASS FILLED WELDS < 5/16" c. ALL OTHER WELDS	GRADE AND SIZE OF PRE-STRESSING TENDONS AND ANCHORAGES	VERIFY THAT PRE-STRESSING TENDONS CONFORM TO REQUIREMENTS OF ARTICLE 2.4B AND 2.4H OF ACI530.1	SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DRAWINGS.	
V V V VERIFY MIX DESIGN MEETS STRENGTH AND EXPOSURE REQUIREMENTS LISTED	LOCATION OF REINFORCEMENT, CONNECTORS AND ANCHORAGES.	VERIFY REINFORCEMENT IS PLACED IN ACCORDANCE WITH ARTICLE 3.4 OF 530.1.		
Image: Constraint of the second se	PRE-STRESSING TECHNIQUE	VERIFY PRE-STRESSING TECHNIQUE CONFORMS TO ARTICLE 3.6B OR ACI 530.1		+
ALLOWED IF STATED IN ES REPORT.	PROPERTIES OF THIN BED MORTAR FOR AAC MASONRY	VERIFY REINFORCEMENT IS PLACED IN ACCORDANCE WITH ARTICLE 3.4 OF 530.1.		Ó
VERIFY REQUIRED DESIGN MIX	PRIOR TO GROUTING (TABLE 1.19.2, TMS-402/ACI 530-1	-11):		20
X ON APPROVED PLANS. X SLUMP, AIR + TEMPERATURE TESTS. DEFENDED STREMOTH TEST SAMPLES	GROUT SPACE	VERIFY GROUT SPACE IS FREE OF MORTAR DROPPINGS, DEBRIS, LOOSE AGGREGATE, AND OTHER DELETERIOUS MATERIALS AND THAT CLEANOUTS ARE PROVIDED PER ARTICLE 3.2D AND 3.2F OF ACI 530.1		
CONCRETE PLACEMENT Includes sampling for air, slump, strength and temperature techniques.	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.		
X CURING TEMPERATURE MAINTENANCE	PLACEMENT OF REINFORCEMENT, CONNECTORS AND ANCHORAGES.	VERIFY REINFORCEMENT, JOINT REINFORCEMENT, ANCHOR BOLTS AND VENEER ANCHORS ARE INSTALLED PER APPROVED PLANS AND ARTICLES 3.2.E, 3.4. AND 3.6.A OF ACI 530.1.		
PRESTRESSED CONCRETE Image: Concrete a. PRESTRESSING FORCES Image: Concrete b. GROUTING OF BONDED TENDONDS Image: Concrete	PROPORTIONS OF SITE-PREPARED GROUT.	VERIFY GROUT PROPORTIONS MEET ASTM C 476 AND A SLUMP BETWEEN 8-11 INCHES. SELF-CONSOLIDATED GROUT SHALL NOT BE PROPORTIONED ONSITE.		Ns fo
ERECTION OF PRECAST MEMBERS	CONSTRUCTION OF MORTAR JOINTS	VERIFY MORTAR JOINTS PLACED IN ACCORDANCE WITH ARTICLE 3.3.B OF ACI 530.1.		A Pla
V POST-TENSIONED CONCRETE STRENGTH	DURING CONSTRUCTION (TABLE 1.19.2, TMS-402/ACI 5	530-11):		H a
INSPECT FORMWORK	SIZE AND LOCATION OF STRUCTURAL ELEMENTS	VERIFY LOCATIONS OF STRUCTURAL ELEMENTS PER APPROVED PLANS AND CONFIRM TOLERANCES MEET ARTICLE 3.3.F OF ACI 530.1.		N N
	TYPE, SIZE AND LOCATION OF ANCHORS, FRAMES, ETC.	VERIFY CORRECT ANCHORAGES AND CONNECTIONS ARE PROVIDED PER		o tr
COLD-FORMED STEEL CONSTRUCTION (IBC 1705.11.2 & 1705.12.3)	WELDING OF REINFORCEMENT	VERIFY CONFORMANCE WITH SECTIONS 2.1.7.7.2, 3.3.3.4 (c) AND 8.3.3.4 (b) OF ACI 530		Σ
REQ'D TASK INSPECTION FREQUENCY COMMENTS: COMPONENTS OF WIND AND SEISMIC-FORCE COMPONENTS OF WIND AND SEISMIC-FORCE VERIEV PROPER SCREW/ ATTACHMENT, BOILTING AND ANCHORING OF SHEAP	APPLICATION AND MEASUREMENT OF PRE-STRESSING FORCE	v VERIFY CONFORMANCE WITH ARTICLE 3.6B OF ACI 530.1		l m
RESISTING SYSTEMS WALLS, BRACES AND HOLDOWNS HAVING A FASTENER SPACING $\leq 4^{"}$ O.C.	PLACEMENT OF GROUT			
FIELD WELDING OF ELEMENTS OF MAIN LATERAL FORCE RESISTING SYSTEM.	PREPARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD WEATHER (<40°F) OR HOT	V VERIFY COLD-WEATHER CONSTRUCTION COMPLIES WITH ARTICLE 1.8.C OF ACI 530.1 AND HOT WEATHER CONSTRUCTION PER ARTICLE 1.8.D OF ACI 530.1.		
OTHER THAN STRUCTURAL STEEL (IBC 1705.2.2)	PLACEMENT OF GROUT AND PRE-STRESSING GROUT FOR	DR VERIFY COMPLIANCE WITH ARTICLE 3.5, 3.6C OF ACI 530.1		O
REQ'D TASK INSPECTION FREQUENCY COMMENTS: CONT. PERIODIC				
STEEL ROOF & FLOOR DECK: MATERIAL VERIFICATION OF STEEL DECK A IDENTIFICATION MARKINGS PER APPLICABLE ASTM STANDARD	OBSERVATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND / OR PRISMS.	CONFIRM SPECIMENS/ PRISMS ARE PERFORMED AS REQUIRED BY ARTICLE 1.4 OF ACI 530.1.		
				A A A A A A A A A A A A A A A A A A A
ROOF AND DECK WELDS VERIFY THAT WELDS CONFORM TO AWS D1.3.		NSTRUCTION (IBC 1705.11.2)		OTHE STRUCTURAL PL
WELDING OF REINFORCING STEEL: VERIFICATION OF WELDABILITY (EXCEPT A706 BAR) \lambda R =		COMMENTS:		MO. 190917 JAY D.
	K RESISTING SYSTEMS FIELD GLUING OF MAIN LATERAL FORCE RESISTING SYSTEM	Walls, BRACES AND HOLDOWNS HAVING A FASTENER SPACING $\leq 4"$ O.C.		ADAMS ADAMS
INSTALLATION OF OPEN-WEB STEEL JOISTS AND GIRDERS (IBC 1705.2.3)				4/23/17
REQ'D TASK INSPECTION FREQUENCY COMMENTS:				

INSTALLATION OF OPEN-WE	EB STEEL	JOISTS	AND GIRDERS	(IBC 1705.2.3)
TACK	INSPECTION	FREQUENCY		COMMENTE
TASK	CONT.	PERIODIC		COMMENTS.
END CONNECTIONS		\diamond	SJI 2207.1	
BRIDGING - HORIZONTAL OR DIAGONAL a. STANDARD BRIDGING b. NON-STANDARD BRIDGING		$\stackrel{\diamondsuit}{\diamond}$	SJI 2207.1	

CHECKED BY: J.D.A.

DATE: JULY 28, 2017

JOB No. 17-089

SPECIAL

INSPECTION

SHEET

SHEET NO.

SCALE:

	STRUCTURAL STEEL C	ONST	RUCT	ION (IBC 1705.2, 1705.11, 1705
REQ'D	TASK			COMMENTS:
	PRIOR TO WELDING (TABLE N5.4-1, AISC 360-10):	Q.O.	Q.A.	
X	VERIFY WELDING PROCEDURES	Р	Р	
X	MANUFACTURER CERTIFICATIONS	Р	P	
X	MATERIAL IDENTIFICATION	0	0	VERIFY TYPE AND GRADE OF MATERIAL.
X	WELDER IDENTIFICATION	0	0	VERIFY THERE IS A SYSTEM IN PLACE TO IDENTIFY THE WELDE WELDED A JOINT OR MEMBER.
	FIT-UP GROOVE WELDS	0	0	VERIFY JOINT PREPARATION, DIMENSIONS, CLEANLINESS, TAC BACKING.
	ACCESS HOLES	0	0	VERIFY CONFIGURATION AND FINISH.
	FIT-UP FILLET WELDS	0	0	VERIFY ALIGNMENT, GAPS AT ROOT, CLEANLINESS OF STEEL S WELD QUALITY AND LOCATION.
X	CHECK WELDING EQUIPMENT	0	0	
	DURING WELDING (TABLE N5.4-2, AISC 360-10):		I	
X	USE OF QUALIFIED WELDERS	0	0	VERIFY THAT WELDERS ARE APPROPRIATELY QUALIFIED.
X	CONTROL AND HANDLING OF WELDING CONSUMABLES	0	0	VERIFY PACKAGING AND EXPOSURE CONTROL.
X	CRACKED TACK WELDS	0	0	VERIFY WELDING IS NOT OVER A CRACKED TACK WELD.
X	ENVIRONMENTAL CONDITIONS	0	0	VERIFY WIND SPEED IS WITHIN LIMITS AS WELL AS PRECIPITAT TEMPERATURE.
X	WPS FOLLOWED	0	0	VERIFY ITEMS SUCH AS WELDING EQUIPMENT SETTINGS, TRAV WELDING MATERIALS, SHIELDING GAS TYPE/FLOW RATE, PREF INTERPASS TEMPERATURE MAINTAINED, AND PROPER POSTITI
X	WELDING TECHNIQUES	0	0	VERIFY INTERPASS AND FINAL CLEANING, EACH PASS IS WITH LIMITATIONS, AND QUALITY OF EACH PASS.
	AFTER WELDING (TABLE N5.4-3, AISC 360-10):			
X	WELDS CLEANED	0	0	VERIFY THAT WELDS HAVE BEEN PROPERLY CLEANED.
X	SIZE, LENGTH AND LOCATION OF WELDS	Р	Р	
X	WELDS MEET VISUAL ACCEPTANCE CRITERIA	Р	Р	
	ARC STRIKES	Р	Р	
	PRIOR TO BOLTING (TABLE N5.6-1 AISC 360-10):		I	
X	MANUFACTURERS CERTIFICATIONS FOR FASTENERS	0	Р	
X	FASTENERS MARKED w/ ASTM REQUIREMENTS	0	0	
Х	PROPER FASTENERS SELECTED FOR DETAIL	0	0	
X	PROPER PROCEDURE FOR DETAIL	0	0	
X	CONNECTING ELEMENTS	0	0	
X	PRE-INSTALLATION VERIFICATION TESTING	Р	0	
X	PROPER STORAGE OF FASTENERS	0	0	
	DURING BOLTING (TABLE N5.6-2 AISC 360-10):			
X	FASTENER ASSEMBLIES	0	0	
X	JOINTS SNUG TIGHT PRIOR TO PRETENSIONING	0	0	
X	PROPER WRENCH USAGE	0	0	
X	FASTENERS PRETENSIONED	0	0	
	AFTER BOLTING (TABLE N5.6-3, AISC 360-10):			

O- OBSERVE THESE ITEMS ON A RANDOM BASIS.

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

5.12) DER WHO HAS CKING AND SURFACES, TACK ATION AND AVEL SPEED, EHEAT APPLIED, ITION. IIN PROFILE

Unit Type	Pier Number	Finished Grade at Pier	Top of Pier Elevation	Footing
1500SF	2A	8760.38	8760.50	8753.38
	2B	8758.30	8760.50	8751.30
	2C 2D	8763.22	8766.00	8756.22
	2E	8769.40	8770.00	8762.40
	2F	8768.27	8770.00	8761.27
1500SF	3A	8727.42	8728.00	8720.42
	3C	8732.46	8728.00	8725.46
	3D	8732.07	8733.00	8725.07
	3E	8734.16	8734.50	8727.16
	3F	8734.15	8734.50	8727.15
25005F	4A 4B	8744.49	8745.00	8737.49
	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	8750.50	8743.23
	4H	8750.23	8750.50	8743.23
	41	8750.23	8750.50	8743.23
2500SF	4J 54	8750.23 8810.67	8750.50	8743.23
	5B	8809.82	8811.00	8802.82
	5C	8809.20	8811.00	8802.20
	5D	8807.71	8808.00	8800.71
	5E 5F	8806.26	8806.50	8799.26
	5G	8816.19	8816.50	8809.19
	5H	8816.13	8816.50	8809.13
	51	8816.07	8816.50	8809.07
1500nlusse	5J 6A	8776 88	8777 00	8769 89
	6B	8775.53	8776.00	8768.53
	6C	8772.86	8773.00	8765.86
	6D	8769.93	8770.50	8762.93
	6F	8782.72	8783.00 8783.00	8775.72 8775.62
	6G	8779.71	8780.00	8772.71
	6H	8776.66	8777.00	8769.66
1500SF	7A	8792.86	8793.25	8785.86
	7B 7C	8790.27 8797.24	8791.00 8797.75	8790.24
	7D	8795.19	8795.50	8788.19
	7E	8800.45	8801.00	8793.45
25005 5	7F	8799.47	8800.00	8792.47
12002F	8B	8777 50	8777 75	8770 50
	8C	8777.42	8777.75	8770.42
	8D	8777.01	8777.75	8770.01
	8E	8775.99	8776.50	8768.99
	8F 8G	8785.10 8785.25	8785.50 8785.50	8778 25
	8H	8785.24	8785.50	8778.24
	81	8784.88	8785.50	8777.88
1500000000	8J	8784.10	8784.50	8777.10
1000prusSF	9A 9B	8766.41	8767.50	8759.41
	90	8764.06	8764.50	8757.06
	9D	8762.41	8763.00	8755.41
	9E 9E	8773.00 8773.00	8773.50 8773 75	8766.00
	9G	8770.40	8771.00	8763.40
	9H	8767.71	8768.00	8760.71
500plusSF	10A	8748.17	8748.75	8741.17
	10B	8746.78	8747.00	8739.78 8739.71
	10C	8745.41	8746.00	8738.41
	10E	8754.64	8755.00	8747.64
	10F	8752.94	8753.50	8745.94
	10G 10H	8750.18 8750.67	8751.50 8751.50	8743.67 8743.67
10005 F	11A	8706.47	8707.00	8699.47
	11B	8706.12	8707.00	8699.12
	11C	8709.49	8710.00	8702.49
	11D 11E	8711.84	8710.00	8704.84
	11F	8711.71	8712.25	8704.71
.500plusSF	12A	8800.77	8801.00	8793.77
	12B	8797.93	8798.25	8790.93
	12C	8793.36 8793.20	8795.00 8793.75	8786 20
	12E	8805.59	8806.00	8798.59
	12F	8803.88	8804.25	8796.88
	12G	8801.65	8802.00	8794.65
LOOOSF	12H 13A	8779.35	8780.00	8772.35
	13B	8779.70	8780.00	8772.70
	13C	8784.01	8784.50	8777.01
	13D	8783.44	8784.50	8776.44
	13E 13F	8/88.19 8783 19	8783.50 8783.75	8/81.19
500SF	14A	8783.38	8784.00	8776.38
	14B	8780.27	8780.75	8773.27
	140	8787.42	8788.00	8780.42
	14D 14F	8790 59	8784.25 8791 00	8783 59
	14F	8787.93	8788.50	8780.93
1500SF	15A	8759.93	8760.50	8752.93
	15B	8758.21	8758.75	8751.21
	15C 15D	8761 11	8761 50	8756.93
	15E	8767.87	8768.00	8760.87
	15F	8764.89	8765.25	8757.89
1000SF	16A	8735.82	8736.50	8728.82
	16B	8735.93	8736.50 8730 FO	8728.93
	16D	8739.00	8739.50	8732.00
	100			
	16E	8742.08	8742.50	8735.08

1500plusSF	17A	8792.79	8793.25	8785.79
	17B	8792.37	8793.25	8785.37
	17C	8791.22	8792.00	8784.22
	17D 17F	8791.59 8799.78	8792.00 8801.00	8784.59 8792 78
	17E	8800.38	8801.00	8793.38
	17G	8799.28	8799.75	8792.28
1500SE	17H	8799.26 8821.10	8799.75 8821 50	8792.26
130031	18A 18B	8816.37	8817.00	8809.37
	18C	8824.41	8825.00	8817.41
	18D	8820.85	8821.25	8813.85
	18E	8826.58 8825.48	8827.00	8819.58
1000SF	19A	8801.37	8802.00	8794.37
	19B	8800.49	8801.00	8793.49
	19C	8808.22	8808.75	8801.22
	19D 19F	8807.69	8808.75	8800.69
	19E	8814.40	8815.50	8807.40
1500plusSF	20A	8725.56	8726.00	8718.56
	20B	8725.58	8726.00	8718.58
	20C	8725.24 8724.88	8726.00	8718.24
	20E	8728.40	8728.75	8721.40
	20F	8728.27	8728.75	8721.27
	20G	8727.97	8728.75	8720.97
10005 E	20H	8727.73	8728.75	8720.73
100031	21A 21B	8720.13	8720.75	8713.13
	21C	8721.60	8722.00	8714.60
	21D	8721.36	8722.00	8714.36
	21E	8723.40	8723.75	8716.40
1500plusSF	21F 22A	8725.05	8727.50	8720.00
	22B	8727.07	8727.50	8720.07
	22C	8726.42	8727.00	8719.42
	22D	8724.48	8725.50	8717.48
	22E 22F	8729.50	8730.00	8722.50
	22G	8729.00	8730.00	8722.00
	22H	8727.94	8728.50	8720.94
1500plusSF	23A	8714.65	8715.00	8707.65
	23B 23C	8714.46	8715.00	8707.46
	23D	8714.16	8715.00	8707.16
	23E	8717.72	8718.00	8710.72
	23F	8716.96	8717.25	8709.96
	23G	8715.40	8716.00	8709.29
2500SF	24A	8699.52	8700.00	8692.52
	24B	8698.44	8699.00	8691.44
	24C	8697.97	8699.00	8690.97
	24D 24E	8698.02	8699.00	8691.02
	24F	8704.68	8704.75	8697.68
	24G	8703.89	8704.75	8696.89
	24H	8704.20	8704.75	8697.20
	241 24J	8704.13	8704.75	8696.20
1500SF	25A	8717.42	8718.00	8710.42
	25B	8717.41	8718.00	8710.41
	25C 25D	8/19.32	8720.00	8/12.32
	25E	8722.75	8723.00	8715.75
	25F	8722.01	8723.00	8715.01
1000SF	26A	8687.97	8688.25	8680.97
	26B	8687.27	8688.25	8680.27
	260 26D	8691.19	8692.25	8684.19
	26E	8694.67	8695.00	8687.67
	26F	8694.27	8695.00	8687.27
1000SF	27A 27B	8708.73	8709.25	8/01./3
	27C	8710.75	8711.25	8703.75
	27D	8709.91	8710.50	8702.91
	27E	8713.16	8713.75 8713.25	8706.16
1500plusSF	28A	8750.80	8751.25	8743.80
-	28B	8750.63	8751.25	8743.63
	28C	8750.73	8751.25	8743.73
	28D	8750.37	8751.25	8743.37 87/10 11
	28F	8756 11	0/0/.00	0749.11
	28E 28F	8756.11 8756.21	8757.00	0/49.21
	28E 28F 28G	8756.11 8756.21 8756.81	8757.00 8757.00	8749.81
10005 5	28E 28F 28G 28H	8756.11 8756.21 8756.81 8756.71	8757.00 8757.00 8757.00	8749.21 8749.81 8749.71
1000SF	28E 28F 28G 28H 29A 29B	8756.11 8756.21 8756.81 8756.71 8743.44 8744.43	8757.00 8757.00 8757.00 8744.00 8745.00	8749.21 8749.81 8749.71 8736.44 8737.42
1000SF	28E 28F 28G 28H 29A 29B 29B 29C	8756.11 8756.21 8756.81 8756.71 8743.44 8744.43 8744.72	8757.00 8757.00 8757.00 8744.00 8745.00 8745.75	8749.21 8749.81 8749.71 8736.44 8737.43 8739.72
1000SF	28E 28F 28G 28H 29A 29B 29C 29D	8756.11 8756.21 8756.81 8756.71 8743.44 8744.43 8746.72 8747.38	8757.00 8757.00 8757.00 8744.00 8745.00 8747.75 8747.75	8749.21 8749.81 8736.44 8736.44 8737.43 8739.72 8740.38
1000SF	28E 28F 28G 28H 29A 29A 29B 29C 29D 29D 29E	8756.11 8756.21 8756.81 8756.71 8743.44 8744.43 8746.72 8747.38 8750.93	8757.00 8757.00 8757.00 8744.00 8745.00 8747.75 8747.75 8751.50	8749.21 8749.81 8736.44 8737.43 8739.72 8740.38 8743.93
1000SF 1500SF	28E 28F 28G 29A 29A 29B 29B 29C 29D 29E 29F 30A	8756.11 8756.21 8756.81 8756.71 8743.44 8744.43 8746.72 8747.38 8750.93 8750.96 8731.96	8757.00 8757.00 8757.00 8744.00 8745.00 8747.75 8747.75 8751.50 8751.50 8751.50	8749.21 8749.81 8736.44 8737.43 8739.72 8740.38 8743.93 8743.96 8724.96
1000SF 1500SF	28E 28F 28G 28H 29A 29B 29C 29D 29E 29F 29F 30A 30B	8756.11 8756.21 8756.81 8756.71 8743.44 8744.43 8746.72 8747.38 8750.93 8750.96 8731.96 8731.82	8757.00 8757.00 8757.00 8744.00 8745.00 8747.75 8747.75 8747.75 8751.50 8751.50 8732.50	8749.21 8749.81 8736.44 8737.43 8739.72 8740.38 8743.93 8743.96 8724.96 8724.82
1000SF 1500SF	28E 28F 28G 28H 29A 29B 29C 29D 29E 29F 30A 30B 30C	8756.11 8756.21 8756.81 8756.71 8743.44 8744.43 8746.72 8747.38 8750.93 8750.96 8731.96 8731.82 8734.89	8757.00 8757.00 8757.00 8744.00 8745.00 8747.75 8747.75 8751.50 8751.50 8751.50 8732.50 8732.50	8749.21 8749.81 8736.44 8737.43 8739.72 8740.38 8743.93 8743.96 8724.96 8724.82 8727.89
1000SF 1500SF	28E 28F 28G 29A 29A 29B 29C 29D 29E 29F 30A 30B 30C 30D	8756.11 8756.21 8756.81 8756.71 8743.44 8744.43 8744.72 8747.38 8750.93 8750.93 8750.96 8731.96 8731.82 8734.89 8735.08	8757.00 8757.00 8757.00 8744.00 8745.00 8747.75 8747.75 8751.50 8751.50 8732.50 8732.50 8735.50	8749.21 8749.81 8736.44 8737.43 8739.72 8740.38 8743.93 8743.96 8724.96 8724.96 8724.82 8727.89 8728.08
1000SF 1500SF	28E 28F 28G 28H 29A 29B 29C 29D 29E 29F 30A 30B 30C 30D 30E 30F	8756.11 8756.21 8756.81 8756.71 8743.44 8744.43 8744.72 8747.38 8750.93 8750.93 8750.96 8731.96 8731.82 8734.89 8735.08 8735.08	8757.00 8757.00 8757.00 8744.00 8745.00 8747.75 8747.75 8747.75 8751.50 8751.50 8732.50 8732.50 8735.50 8735.50 8735.75 8738.75	8749.21 8749.81 8736.44 8737.43 8739.72 8740.38 8743.93 8743.96 8724.96 8724.82 8727.89 8728.08 8728.08 8731.23 8731.20
1000SF 1500SF 2500SF	28E 28F 28G 28H 29A 29B 29C 29D 29E 29F 30A 30B 30C 30D 30C 30D 30E 30F 31A	8756.11 8756.21 8756.81 8756.71 8743.44 8744.43 8746.72 8747.38 8750.93 8750.93 8750.96 8731.96 8731.82 8734.89 8735.08 8735.08 8738.23 8738.20 8740.17	8757.00 8757.00 8757.00 8744.00 8744.00 8745.00 8747.75 8747.75 8751.50 8751.50 8732.50 8732.50 8735.50 8735.50 8735.50 8738.75 8738.75	8749.21 8749.81 8736.44 8737.43 8739.72 8740.38 8743.93 8743.96 8724.96 8724.96 8724.82 8727.89 8728.08 8731.23 8731.20 8733.17
1000SF 1500SF 2500SF	28E 28F 28G 28H 29A 29B 29C 29D 29E 29F 30A 30B 30C 30D 30C 30D 30E 30F 31A 31B	8756.11 8756.21 8756.81 8756.71 8743.44 8744.43 8744.72 8747.38 8750.93 8750.93 8750.96 8731.96 8731.82 8734.89 8735.08 8738.23 8738.20 8738.20	8757.00 8757.00 8757.00 8744.00 8745.00 8747.75 8747.75 8751.50 8751.50 8732.50 8732.50 8735.50 8735.50 8735.50 8738.75 8738.75 8738.75 8740.75	8749.21 8749.81 8736.44 8736.44 8737.43 8739.72 8740.38 8743.93 8743.93 8743.96 8724.96 8724.82 8727.89 8728.08 8728.08 8731.23 8731.20 8733.17 8733.32
1000SF 1500SF 2500SF	28E 28F 28G 28H 29A 29B 29C 29D 29E 29F 30A 30B 30C 30D 30E 30C 30D 30E 30F 31A 31B 31C	8756.11 8756.21 8756.81 8756.71 8743.44 8744.43 8744.72 8747.38 8750.93 8750.93 8750.93 8750.93 8731.82 8731.82 8734.89 8735.08 8735.08 8738.23 8738.20 8740.17 8740.32	8757.00 8757.00 8757.00 8744.00 8744.00 8745.00 8747.75 8747.75 8747.75 8751.50 8751.50 8732.50 8732.50 8735.50 8735.50 8735.50 8738.75 8738.75 8740.75 8740.75	8749.21 8749.81 8749.71 8736.44 8737.43 8739.72 8740.38 8743.93 8743.93 8743.96 8724.96 8724.96 8724.82 8727.89 8728.08 8731.23 8731.20 8733.17 8733.32 8734.13
1000SF 1500SF 2500SF	28E 28F 28G 28H 29A 29B 29C 29D 29E 29F 30A 30B 30C 30D 30C 30D 30E 30F 31A 31B 31C 31D 31F	8756.11 8756.21 8756.81 8756.71 8743.44 8744.43 8744.43 8746.72 8747.38 8750.93 8750.96 8731.96 8731.96 8731.82 8734.89 8735.08 8738.23 8738.20 8740.17 8740.12 8741.13 8741.26 8741.71	8757.00 8757.00 8757.00 8744.00 8744.00 8745.00 8747.75 8747.75 8751.50 8751.50 8732.50 8732.50 8735.50 8735.50 8735.50 8738.75 8738.75 8740.75 8740.75 8741.75 8741.75	8749.21 8749.81 8736.44 8737.43 8739.72 8740.38 8743.93 8743.96 8724.96 8724.96 8724.82 8727.89 8728.08 8731.23 8731.20 8733.17 8733.32 8734.13 8734.26 8724.71
1000SF 1500SF 2500SF	28E 28F 28G 28H 29A 29B 29C 29D 29E 29F 30A 30B 30C 30D 30C 30D 30E 30F 31A 31B 31C 31D 31E 31F	8756.11 8756.21 8756.71 8743.44 8744.43 8744.43 8746.72 8747.38 8750.93 8750.93 8750.96 8731.96 8731.96 8731.82 8734.89 8735.08 8738.23 8738.23 8738.20 8740.17 8740.32 8741.13 8741.26 8741.71 8745.58	8757.00 8757.00 8757.00 8744.00 8745.00 8747.75 8747.75 8747.75 8751.50 8751.50 8732.50 8732.50 8735.50 8735.50 8735.50 8738.75 8738.75 8740.75 8740.75 8741.75 8741.75 8742.25	8749.21 8749.81 8749.71 8736.44 8737.43 8739.72 8740.38 8743.93 8743.96 8724.96 8724.96 8724.82 8727.89 8728.08 8731.23 8731.20 8733.17 8733.32 8733.20 8734.13 8734.26 8734.71 8738.58
1000SF 1500SF 2500SF	28E 28F 28G 28H 29A 29B 29C 29D 29E 29F 30A 30B 30C 30B 30C 30D 30E 30C 30D 30E 31A 31B 31C 31D 31E 31F 31G	8756.11 8756.21 8756.81 8756.71 8743.44 8744.43 8744.43 8746.72 8747.38 8750.93 8750.93 8750.93 8750.96 8731.92 8731.82 8734.89 8735.08 8735.08 8735.08 8735.08 8735.03 8740.17 8740.32 8740.17 8740.32 8741.13 8741.26 8741.71 8745.58 8745.58	8757.00 8757.00 8757.00 8744.00 8744.00 8745.00 8747.75 8747.75 8747.75 8751.50 8732.50 8732.50 8735.50 8735.50 8735.50 8735.50 8738.75 8740.75 8740.75 8740.75 8741.75 8741.75 8742.25 8746.50	8749.21 8749.81 8736.44 8737.43 8739.72 8740.38 8743.93 8743.96 8724.96 8724.96 8724.82 8727.89 8728.08 8731.20 8731.20 8731.20 8733.17 8733.32 8734.13 8734.26 8734.71 8738.58 8738.79
1000SF	28E 28F 28G 28H 29A 29B 29C 29D 29E 29F 30A 30B 30C 30D 30C 30D 30C 30D 30E 31A 31B 31C 31B 31C 31D 31E 31F 31G 31H	8756.11 8756.21 8756.81 8756.71 8743.44 8744.43 8744.43 8746.72 8747.38 8750.93 8750.96 8731.96 8731.96 8731.82 8734.89 8735.08 8735.08 8738.20 8740.17 8740.17 8740.32 8741.13 8741.26 8741.71 8745.58 8745.79 8746.17	8757.00 8757.00 8757.00 8744.00 8744.00 8745.00 8747.75 8747.75 8751.50 8732.50 8732.50 8735.50 8735.50 8735.50 8738.75 8740.75 8740.75 8740.75 8741.75 8741.75 8741.75 8741.50 8746.50	8749.21 8749.81 8749.71 8736.44 8737.43 8739.72 8740.38 8743.93 8743.96 8724.96 8724.96 8724.82 8727.89 8728.08 8731.23 8731.20 8733.17 8733.32 8734.13 8734.26 8734.71 8738.58 8738.79 8739.17

A

B

	FC	UNDA	AHON	SCHEL	JULE	
МАВК	WALL	WALL	VERT. REI	NFORCING	HORIZ. RE	INFORCING
	WIDTH	HEIGHT	SIZE	SPACING	SIZE	SPACING
* W1	10"	VARIES	#5	12" O.C.	#5	12" O.C.

PLACE (2) # 4 HORIZ. BARS AT TOP & BOTTOM OF WALL CONTINUOUS, TYPICAL. RECESS TOP OF WALL AT OPENINGS & POUR SLAB THROUGH, SEE DETAILS

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

			FO	OTI	NG	SCH	EDUL	E			
MARK	WIDTH	LENGTH	DEPTH	REII No.	NFORC SIZE	LENGTH	SS-WISE SPACING	REIN No.	IFORC SIZE	ING LENG LENGTH	TH-WISE SPACING
F6	6'-0"	6'-0"	14"	(7)	#5	5'-6"	EQUAL	(7)	#5	5'-6"	EQUAL
F410	4'-0"	10'-0"	12"	(11)	#5	3'-6"	EQUAL	(5)	#5	9'-6"	EQUAL

FLOOR FRAMING NOTES

- (1) FRAME FLOOR w/ 9½" TJI/210 AT 16" O.C. PROVIDE 3" CONCRETE TOPPING ON FLOOR WHERE INDICATED IN ARCH. PLANS
- (2) SEE FRAMING NOTES ON S0.1 FOR FLOOR SHEATHING SPECIFICATIONS
- (3) _____ REPRESENTS 1¼" ROD CROSS BRACING BETWEEN FOUNDATION AND MAIN LEVEL FRAMING

FLOOR FRAMING NOTES

- () FRAME FLOOR w/ 9½" TJI/210 AT 16" O.C. PROVIDE 3" CONCRETE TOPPING ON FLOOR WHERE INDICATED IN ARCH. PLANS
- 2 SEE FRAMING NOTES ON S0.1 FOR FLOOR SHEATHING SPECIFICATIONS
- 3 INDICATES INTERIOR BEARING WALL
- (4) FRAME EXTERIOR WALLS AND BEARING WALLS w/ $2 \times 6 \text{ AT } 16$ " O.C.
- 5) FRAME ENTRY FLOOR w/ 2 x 8 AT 16" O.C.

			SHEA	RWALL	SCHEDULE		
MARK	PANEL GRADE	PANEL THICKNESS	PANEL EDGE NAILING	PANEL FIELD NAILING	STUDS AT ADJOINING PANEL EDGES	ANCHOR BOLTS AT FOUNDATION LEVEL	SILL PLATE AT FOUNDATION
A	APA EXP. 1	7⁄16"	8d AT 6" O.C.	8d AT 12" O.C.	2x	5∕8"dia. x 10" AT 32" O.C.	2x TREATED
B	APA EXP. 1	7⁄16"	8d AT 4" O.C.	8d AT 12" O.C.	2x	⁵ ∕8"dia. x 10" AT 32" O.C.	2x TREATED
C	APA EXP. 1	7⁄16"	8d AT 3" O.C.	8d AT 12" O.C.	2x	5∕8"dia. x 10" AT 32" O.C.	2x TREATED
D	APA EXP. 1	7⁄16"	8d AT 2" O.C.	8d AT 12" O.C.	Зх	⁵ ∕ ₈ "dia. x 10" AT 16" O.C.	2x TREATED

1. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION

2. PLYWOOD, ORIENTED STRAND BOARD AND COMPOSITE BOARD (BUT NOT STRUCTURAL PARTICLE BOARD) ARE ACCEPTED AS EQUALS

3. ALL PANEL EDGES AT SHEAR WALLS SHALL BE BACKED WITH 2" NOMINAL FRAMING, EXCEPT WHERE INDICATED TO BE 3" NOMINAL ON SCHEDULE. 3x MATERIAL MAY BE REPLACED WITH 4x MATERIAL. MULTIPLE LAYERS OF 2x FRAMING SHALL NOT BE USED WHERE 3x FRAMING IS INDICATED.

4. ALL ANCHOR BOLTS TO HAVE A 3" x 3" x $\frac{1}{4}$ " PLATE WASHER (SEE SEE SCHEDULE ABOVE FOR SPACING)

- 5. ALL STUDS IN SHEAR WALLS SHALL BE DOUGLAS FIR-LARCH
- 6. SHEAR WALL PANELS INDICATED ON SCHEDULE ARE TO BE SHEATHED FOR FULL HEIGHT OF THE WALL.
- 7. SEE SPECIAL INSPECTION PAGE FOR ADDITIONAL REQUIREMENTS
- 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 SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS. ALTERNATIVELY, THE WIDTH OF THE NAILED FACE OF FRAMING MEMBERS SHALL BE 3" NOMINAL OR GREATER AT ADJOINING PANEL EDGES AND NAILS AT ALL PANEL EDGES SHALL BE STAGGERED.

	HO		SCHEDUL	.E	
MARK	HOLDOWN	ATTACHMENT TO STUDS	FOUNDATION ANCHORS	MINIMUM STUDS	REM
AA	SIMPSON MST48	(34) 16d SINKERS	N. A.	(2) 2x	SEE D ON
BB	SIMPSON MST72	(62) 16d SINKERS	N. A.	(2) 2x	SEE D ON

- 1. ALL ANCHORS ARE SIMPSON STRONG-TIE. (OR EQUAL)
- 2. INSTALLATION OF ALL HOLDOWN ANCHORS AND STRAPS SHALL BE PER MANUFACTURES RECOMMENDATIONS AND SPECIFICATIONS
- 3. PROVIDE EDGE NAILING ALONG STUDS CONNECTED TO HOLDOWN ANCHORS AND STRAPS
- 4. SEE SPECIAL INSPECTION PAGE FOR ADDITIONAL REQUIREMENTS

			SHEA	RWALL	SCHEDULE		
MARK	PANEL GRADE	PANEL THICKNESS	PANEL EDGE NAILING	PANEL FIELD NAILING	STUDS AT ADJOINING PANEL EDGES	ANCHOR BOLTS AT FOUNDATION LEVEL	SILL PLATE AT FOUNDATION
A	APA EXP. 1	7⁄16"	8d AT 6" O.C.	8d AT 12" O.C.	2x	⁵ ∕ ₈ "dia. x 10" AT 32" O.C.	2x TREATED
B	APA EXP. 1	7⁄16"	8d AT 4" O.C.	8d AT 12" O.C.	2x	5∕8"dia. x 10" AT 32" O.C.	2x TREATED
C	APA EXP. 1	7⁄16"	8d AT 3" O.C.	8d AT 12" O.C.	2x	5∕8"dia. x 10" AT 32" O.C.	2x TREATED
D	APA EXP. 1	7/16"	8d AT 2" O.C.	8d AT 12" O.C.	Зх	⁵ ∕ ₈ "dia. x 10" AT 16" O.C.	2x TREATED

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	НО		SCHEDUL	.E	
MARK	HOLDOWN	ATTACHMENT TO STUDS	FOUNDATION ANCHORS	MINIMUM STUDS	REM
AA	SIMPSON MST48	(34) 16d SINKERS	N. A.	(2) 2x	SEE D
ВВ	SIMPSON MST72	(62) 16d SINKERS	N. A.	(2) 2x	SEE D

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- 3. PROVIDE EDGE NAILING ALONG STUDS CONNECTED TO HOLDOWN ANCHORS AND STRAPS
- 4. SEE SPECIAL INSPECTION PAGE FOR ADDITIONAL REQUIREMENTS

WOOD HEADER>
>
(7) COI S4.3) NO SCA
— —

(2) SIMPSON SDWH	(2) SIMPSON SDWH
TIMBER HEX SCREWS	TIMBER HEX SCREWS
WOOD BEAM	WOOD BEAM
(2) SIMPSON SDWH	(2) SIMPSON SDWH
TIMBER HEX SCREWS	TIMBER HEX SCREWS
WOOD BEAM	WOOD BEAM
	8 CON S5.2 NO SCAL
DBL. TOP PLATE	

		ŀ	ABBREVIATIONS				MECHANICAL	LEGEND
ø	ROUND, DIAMETER, PHASE	EWT	ENTERING WATER TEMPERATURE	OZ	OUNCE			
ABS	ACRYLONITRILE-BUTADIENE-STYRENE,	EXH	EXHAUST	Р	PUMP		. ۲ .	DUCT SIZE, (1ST FIGURE, SIDE SHOWN;
ACCU	AIR COOLED CONDENSING UNIT	EXP	EXPANSION	PD	PRESSURE DROP/DIFFERENCE	BALL VALVE		2ND FIGURE, OTHER SIDE)
A/C	AIR CONDITIONING	EXT	EXTERIOR	PE	POLYETHYLENE	BUTTERFLY VALVE		
AD	ACCESS DOOR, AREA DRAIN	F		PEX	CROSS-LINKED POLYETHYLENE	GATE VALVE		DIRECTION OF FLOW
	AMERICAN DISABILITIES ACT		FLEXIBLE CONNECTION, FORWARD CORVED		PRE-FILTER	ANGLE GATE VALVE. PLAN VIEW	<u> </u>	
AFF	ABOVE FINISH FLOOR	FCU	FAN COIL UNIT	PIV	POST INDICATOR VALVE			LINED DUCT
AHU	AIR HANDLING UNIT	FD	FLOOR DRAIN, FIRE DAMPER	PLMB	PLUMBING	GLOBE VALVE	X	
ALT	ALTITUDE, ALTERNATE	FDC	FIRE DEPARTMENT CONNECTION	POC	POINT OF CONNECTION	PLUG VALVE	☆	HIDDEN DUCT
AMB	AMBIENT	FF	FINISH FLOOR, FINAL FILTER	PPM	PARTS PER MILLION	3-WAY VALVE		
	AMPERE (AMP, AMPS)			PRS	PRESSURE REDUCING STATION	NON-RISING STEM/OS&Y VALVE ACTUATOR	т †	WYF W/45° FNTRY
APD	AIR PRESSURE DROP	FO	FLAT OVAL	PSF	POUNDS PER SQUARE FOOT		• •	
ARCH	ARCHITECT	FP	FIRE PROTECTION	PSI	POUNDS PER SQUARE INCH	LEVER VALVE ACTUATOR		
AS	AIR SEPARATOR	FPM	FEET PER MINUTE	PTAC	PACKAGED TERMINAL AIR CONDITIONER		MP	IEE W/45° ENIRY
AV	ACID VENT, AIR VENT	FS	FLOOR SINK		POLYVINYL CHLORIDE	ELECTRONIC/PNEUMATIC VALVE ACTUATOR	Υ Υ	
B RAI		FSD FSTAT	FIRE SMUKE DAMPER	R R	RETURN AIR	SOLENOID/DIAPHRAGM VALVE ACTUATOR	S 7	ELBOW W/TURNING VANES
BAS	BUILDING AUTOMATION SYSTEM	FT	FEET	RAD	RADIUS		<u>%~</u>	
BBR	BASEBOARD RADIATOR	FTR	FIN TUBE RADIATION	RCP	RADIANT CEILING PANEL	CHECK VALVE		HELICAL FLEX DUCT
BDD	BACKDRAFT DAMPER	FURN	FURNACE, FURNISH, FURNITURE	RD	ROOF DRAIN	SPRING CHECK VALVE		
BFP	BACKFLOW PREVENTER	FV O	FACE VELOCITY	RECIRC	RECIRCULAT(E),(OR),(ING)	BALL VALVE W/HOSE END & CAP	фы	SUPPLY DUCT SECTION UP/DOWN
BFV	BUITERFLY VALVE		GAUGE, NATURAL GAS		REFRIGERAT(UR),(IUN)	DALL VALVE W/ HOSE LIND & CAI		/
BI	BACKWARD INCLINED	GAL	GALLON	RF	RETURN FAN	NEEDLE VALVE		RETURN DUCT SECTION UP/DOWN
BOD	BOTTOM OF DUCT	GALV	GALVANIZED	RH	RELATIVE HUMIDITY			EVENUET DUCT SECTION UD (DOWN
BOP	BOTTOM OF PIPE	GC	GENERAL CONTRACTOR	RM	ROOM	PRESSURE REDUCING VALVE		EXHAUST DUCT SECTION UP/DUWIN
BT	BATH TUB	GD	GARAGE DRAIN	RPBP	REDUCED PRESS. BACKFLOW PREVENTER	REDUCED PRESSURE BACKFLOW PREVENTER	RPBP	SUPPLY DUCT SECTION UP/DOWN
BIN	BRITISH THERMAL UNITS /HR	GH	GRAVITY HOOD		REVOLUTIONS PER MINUTE			
BV	BALL VALVE	GT	GREASE TRAP	REV	REVOLUTION, REVISION, REVERSE			
C	CHILLER	HB	HOSE BIBB	S	SECONDS, SUPPLY, SINK	PRESSURE & TEMPERATURE RELIEF VALVE	ħ	ROUND BRANCH
CA	COMPRESSED AIR, COMBUSTION AIR	Н/С, НС	HEATING COIL	SA	SUPPLY AIR, SOUND ATTENUATOR	SQUARE HEAD COCK	 ⊡,	DUCT TRANSITION
CAP		HEPA	HIGH EFFICIENCY PARTICULATE AIR	SAN	SANITARY	STRAINER W/DV/ HASE END & CAR		
	CONSTANT AIR VOLUME		HAND, UFF, AUTO	SAI	SATURATED STANDARD CURIC FEET DER MINITE	SIRAINER, W/DV HUSE END & CAP		
	CONDENSATE DRAIN. CEILING DIFFUSER		HOUR	SD SD	STORM DRAIN. SMOKE DAMPER	TEMPERATURE & PRESSURE PLUG	T	SPIN-IN W/VOLUME DAMPER
CFM	CUBIC FEET PER MINUTE	HSTAT	HUMIDISTAT	SECT	SECTION			FIRE SMOKE DAMPER
CFOI	CONTRACTOR FURN., OWNER INSTALLED	HT	HEIGHT	SEN	SENSIBLE	CIRCUIT SETTER	───────────	TIKE SWOKE DAWITEK
CHW	CHILLER WATER	HVAC	HEATING, VENTILATING, AIR-CONDITIONING	SHT	SHEET		А	FIRE DAMPER
<u> </u>	CLEAN OUT, CARBON MONOXIDE		HEAT EXCHANGER	SIM	SIMILAR	AUTUMATIC FLUW CUNTRUL VALVE		
CONC	CONCRETE		INDOOR AIR QUALITY	SP	STATIC PRESSURE	AUTOMATIC/MANUAL AIR VENT		SMOKE DAMPER
COND	CONDENS(ER),(ING),(ATE),(ATION)	ID	INSIDE DIAMETER	SPEC	SPECIFICATION			
CONT	CONTINUOUS	IE	INVERT ELEVATION	SQ	SQUARE	VENTURI FLOW MEASURING DEVICE		
COP	COEFFICIENT OF PERFORMANCE, COPPER	IN IN INC	INCH	SS	SERVICE SINK, STAINLESS STEEL		Щ _{Q.}	GRAVITY BACKDRAFT DAMPER
COIG	CLEANOUT TO GRADE		INCHES, WATER COLUMN		SOUND TRANSMISSION CLASS	THERMUMETER/PRESSURE GAGE W/CUCK		
CT	COOLING TOWER	1/0	INPUT/OUTPUT	STRUCT	STRUCTUR(E),(AL)	TEMPERATURE SENSOR		MANUAL VOLUME DAMPER
CU	CONDENSING UNIT, CUBIC	JS	JANITORS SINK	SUCT	SUCTION			
	CONTROL VALVE, CONSTANT VOLUME	KEC	KITCHEN EQUIPMENT CONTRACTOR	T Tep	IEMPERATURE, TIME	CONCENTRIC/ECCENTRIC REDUCER		SIDE/PLAN ACCESS DOOR
CW	CONDENSER WATER, CLOCKWISE	KWH	KILOWATT HOUR	TAB	TEST, ADJUST AND BALANCE		ala	
DA	DISCHARGE AIR	LAT	LEAVING AIR TEMPERATURE	TDH	TOTAL DYNAMIC HEAD	UNIUN		SUPPLY AIR DEVICE
dB			LAVATORY		TEMPERATURE, TEMPORARY	BUSHING/CAP		
DDC	DIRECT DIGITAL CONTROL	LBS	LINEAR FEET	TOD	TOP OF DUCT		<u> </u>	RETURN AIR DEVICE
DF	DRINKING FOUNTAIN	LVR	LOUVER	TOP	TOP OF PIPE		0 5	EXHAUST AIR DEVICE
DIA	DIAMETER	LWT	LEAVING WATER TEMPERATURE	TSP	TOTAL STATIC PRESSURE	TOP/BOTTOM CONNECTION, 45" OR 90"		
	DAMPER DEWPOINT DIFFERENTIAL PRESSURE		MATERIAL MIXED AIR TEMPERATURE				I	DUCT PRESSURE CLASS/CHANGE
DR	DRAIN	MAU	MAKE UP AIR HANDLING UNIT	U	URINAL	TEE UP/SIDE/DOWN		
DSN	DOWNSPOUT NOZZLE	MAV	MANUAL AIR VENT	UH	UNIT HEATER		2%	THERMOSTAT/HUMIDISTAT
	DISHWASHER		MAXIMUM BTU/HR X 1 000		UNLESS NOTED OTHERWISE	FLOW/PITCH DOWN DIRECTION		POINT OF CONNECTION/REMOVAL
DWG	DRAIN, WASTE, VENT	MC	MECHANICAL CONTRACTOR	VA	VOLT AMPERE	ANCHOR/GUIDE	— <u>× </u>	KEYED NOTE/REVISION
DX	DIRECT EXPANSION	MCC	MOTOR CONTROL CENTER	VAC	VACUUM			WALL SWITCH
(E) EXIST		MECH	MECHANICAL		VARIABLE AIR VOLUME	EXPANSION JOINT/FLEX CONNECTOR		WALL SWITCH
FC	FIFCTRICAL CONTRACTOR		MAN HOLE MINIMUM, MINUTE	VD VFD	VOLUME DAMPER VARIABI F FREQUENCY DRIVE			DESIGNA
ECON	ECONOMIZER	MVD	MANUAL VOLUME DAMPER	VI	VIBRATION ISOLATOR	FLOUR OR GRADE CLEANOUT, W/CONC PAD		EQUIPMENT CALLOUT
EDH	ELECTRIC DUCT HEATER	NA	NOT APPLICABLE	VOL	VOLUME	WALL CLEANOUT. HOSE BIBB OR WALL HYDR	ANT II $\dagger \underbrace{WH}$	CHARACTERIS
LER FF	ENERGY EFFICIENCY RATIO		NOISE CRITERIA, NORMALLY CLOSED	VP VSC	VELUCITY PRESSURE			
EFF	EFFICIENCY	NO	NORMALLY OPEN, NITROUS OXIDE	VTR	VENT THROUGH ROOF	FLOOR DRAIN/FLOOR SINK	⊜ 🔳	PLUMBING FIXTURE CALLOUT
EL, ELEV	ELEVATION	NO.	NUMBER	W	WASTE	1		
EMER		NOM		W/	WITH	COLD WATER		DETA
ENCL FSP	ENULUSUKE EXTERNAL STATIC PRESSURE		NOISE REDUCTION COFFEIGIENT	WR	WITHOUT WET BUI B	HOT WATER		DETAIL TAG
ET	EXPANSION TANK	NTS	NOT TO SCALE	WC	WATER CLOSET	CONDENSATE DRAIN	——— D ———	CHEE
EUH	ELECTRIC UNIT HEATER	OA	OUTSIDE AIR	WCO	WALL CLEAN OUT	SANITARY SEWER		JILL
	EVAPORAT(E), (ING), (ED), (OR)	OBD	OVERELOW DRAIN OUTSIDE DIAMETED	WHA	WATER HAMMER ARRESTOR	SAINITART SEWER BELUW GRADE NATURAT GAS	_ 	AIR DEVICE CALLOUT
EWC	ELECTRIC WATER COOLFR	OF/CI	OWNER FURN./CONTRACTOR INSTALLED	YCO	YARD CLEANOUT	HEATING WATER SUPPLY	——Hws	
EWH	ELECTRIC WATER HEATER	OF/OI	OWNER FURNISHED/OWNER INSTALLED			HEATING WATER RETURN	HWR	
EWS	EYE WASH STATION	OS&Y	OPEN SCREW & YOLK					

chk'd: SMD

^{4'} 2' 1' 0 4' 8' BUILDINGS - 6, 9, 10, 12, 17, 20 SCALE: 1/4" = 1'-0"

 (\mathbf{A})

B

1

\PP100//

Horizon Neighborhood

CABIN

7758 E. Horizon F Summit Powder Mounta Eden, Uta

MacKay-Lyons

51 \mathbf{a} IARCH CONSTR

PLUMBING LOWER FLOOF PLAN - BELOV FLOOR scale: AS NOTED FOR date: 03-03-17 drawn: STAFF chk'd: SMD

PP100

chk'd: SMD

Horizon Neighborhoo

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B

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5 It is the Builder's responsibility to notify MacKay-Lyons Sweetapple Architects Ltd. and to seek prior written \mathbf{n} RCH Z CONSTR FOR

 \bigcirc

of the building. PLUMBING FLOOR PLAN - DOMESTIC scale: AS NOTED date: 03-03-17 **PP102** drawn: STAFF chk'd: SMD

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

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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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DRAWING:

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Revision: NOTES:

* **MSS** Mechanical Service & Systems, Ir 1055 South 700 West Salt Lake City, UT 84104

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

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

MacKay-Lyons Sweetapple Architects Limited

758 E. Horizor Summit Powder Mount Eden, U

Horizon Neighborhood CABIN

<text><text><text><text><text><text></text></text></text></text></text></text>				Horizon	Neighborhood CABINS
<text></text>			MacKay-Lyons Sweetapple		7758 E. Horizon Run Summit Powder Mountain Eden, Utah
<text></text>			Architects Limited		
<image/> <complex-block></complex-block>		2 Ha (fa	2188 Gottingen St. lifax, Nova Scotia Canada B3K 3B4 oh: (902) 429.1867 ax: (902) 429.6276		
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## #XXX#### #X Bobscription Date <th></th> <th></th> <th>(801) 268-3828, WWW.SMDEN</th> <th>FESSION 63316 OTT M AKINS</th> <th>.) 268-3297 NG.COM</th>			(801) 268-3828, WWW.SMDEN	FESSION 63316 OTT M AKINS	.) 268-3297 NG.COM
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scale: AS NOTED date: 03-03-17 date: STATE	NND I KI	PI DI	Lumbing Etails		
		scale: date:	: AS NOTED 03-03-17 1: STAFF		PP501

SYSTEM HEAD CLYCOL MOTOR MANUEAU		
MARK SERVED TYPE GPM FT WC % RPM BHP HP VOLT/ MOD PHASE	REMAR	:KS
P-RAD RADIANT BOOSTER 8.5 18 POTABLE N/A 87 WATTS N/A 120/ GRUN	DS W/ BRO B FC CASIN)NZE IG

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

		PIPING LEC	GEND	
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 IRON
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 FITTINGS
DOMESTIC HOT AND RECIRC	ALL	PEX-A	1" FIBERGLASS	MANUFACTURER'S FITTINGS
DOMESTIC COLD	ALL	TYPE "L" COPPER	N/A	PRO-PRESS FITTINGS
DOMESTIC COLD	ALL	PEX-A	N/A	MANUFACTURER'S FITTINGS
ABOVE GROUND HEATING WATER	2 1/2" – 4"	SCHEDULE 40 STEEL	1" FIBERGLASS	WELDED OR GROVED FITTINGS
ABOVE GROUND HEATING WATER	1/2" – 2"	SCHEDULE 40 STEEL	1" FIBERGLASS	MEGA-PRESS OR THREADED FITTINGS
ABOVE GROUND HEATING WATER	ALL	PEX-A W/ OXYGEN BARRIER	1" FIBERGLASS	MANUFACTURER'S FITTINGS
ABOVE GROUND HEATING WATER	2 1/2" – 4"	TYPE "L" COPPER	1" FIBERGLASS	PROPRESS FITTINGS
ABOVE GROUND HEATING WATER	1 1/4" – 2"	TYPE "L" COPPER	1" FIBERGLASS	PROPRESS FITTINGS
ABOVE GROUND HEATING WATER	1/2" –	TYPE "L" COPPER	1" FIBERGLASS	PROPRESS FITTINGS

	NEW \	/ALVE	SCHE	DULE (\	\checkmark) $\langle V \rangle$ SIZE
MARK	SYSTEM SERVED	FLOW GPM	CONFIG.	CONNECTION SIZE	REMARKS
V-RAD	RADIANT FLOOR SYSTEM	8	3-WAY	1"	5.7 MINIMUM CV
V-MAIN	RADIANT FLOOR ZONE MAIN	3.5	3-WAY	3/4"	
V-B1	RADIANT FLOOR MANIFOLD B1	2	2-WAY	1/2"	
V-B2	RADIANT FLOOR MANIFOLD B2	1.5	2-WAY	1/2"	
V-B3	RADIANT FLOOR MANIFOLD B3	1.5	2-WAY	1/2"	

PLUMBING FIXTURE SCHEDULE

			RO	UGH IN SI	17F			
MARK	FIXTURE	WASTE IN	TRAP	VENT IN	HW IN	CW IN	MANUFACTURER MODEL	
WC-1	WATER CLOSET, FLOOR MOUNTED, TANK TYPE	3	2	2	N/A	1/2	DURAVIT 2125010000 STARCK 3	WHITE 15-3/ CHROM
LAV-1	LAVATORY AND FAUCET	2	1 1/4	2	1/2	1/2	DURAVIT 070350.00 LAVATORY WITH HANGSGROHE 32146001 FAUCET	VITREO QUARTI AND A
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	VITREO QUARTI AND A
BATH—1	RECTANGLE TUB WITH FAUCET	2	2	2	1/2	1/2	KOHLER K—1130 BATH WITH HANGSGROHE 38410001 FAUCET	RECTAN QUARTI ASSE
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	PRESS AND O ROUGH FLOW LIMITIN
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	STAINL ANGLE MODEL CHORD BALL V TO 11
ICE-1	ICE WALL BOX	N/A	N/A	N/A	N/A	1/2	OATEY 039136	NO LE
WWB-1	WASHING MACHINE WALL BOX	2	2	2	1/2	1/2	IPS 182056	NO LE
WH-1	NON-FREEZE WALL HYDRANT	N/A	N/A	N/A	N/A	3/4	WOODFORD MODEL 17	EXPOS OPERA
FD-1	FLOOR DRAIN	х	х	X/2 2" MIN	N/A	N/A	PROFLO PF42800	CAST I WEEP
DD-1	DECK DRAIN	x	N/A	N/A	N/A	N/A	ZURN RD2120-AB2-C	ABS B LONGE INTEGR
FD-1 DD-1	FLOOR DRAIN DECK DRAIN	x x	X N/A	X/2 2" MIN N/A	N/A N/A	N/A N/A	PROFLO PF42800 ZURN RD2120-AB2-C	CAS WEE ABS LON INTE

LPG FIRED WATER HEATER SCHEDULE (WH)

						DEC	TEMP.	OPER.	FL	UE	[DIMENSION	S	ELECT	RICAL		
MARK	MBH	MBH	% 2	FUEL	GAL	GPH	RISE [•] F	TEMP. •F	D IN	TYPE	D IN	H IN	WT LBS	VOLT/ PHASE	AMP	MANOFACTORER	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	(HAL	IST F	FAN S	SCHE	DULE	(EF)				CFM
MARK	AREA SERVED	TYPE	CFM	ESP	FAN		M	OTOR	VOLT	SONES	DAMPER	CONTROL	OPENING	MANUFACTURER	REMARKS
						RPM	BHP	HP	/PHASE				SIZE IN	MODEL	
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.

FIXTURE

WH GAL

REMARKS

VITREOUS CHINA, TWO-PIECE TOILET, 1.28 GPF, 12" ROUGH-IN, 3" FLUSH VALVE, 5/4" FLOOR TO RIM, ELONGATED BOWL, W/ DURAVIT SEAT AND COVER #006339..00, MED QUARTER TURNED ANGLE STOP AND CHROMED BRASS SUPPLY.

COUS CHINA, 19 5/8" X 9 7/8" X 4-1/8"D, SINGLE CONTROL FAUCET, CHROMED TER TURNED ANGLE STOPS, CHROMED BRASS SUPPLIES, CHROMED BRASS "P" TRAP, ASSE 1070 COMPLIANT WATER TEMPERATURE LIMITING DEVICE, SET TO 110°F.

COUS CHINA, 19 1/8" X 12 3/8" X 6-1/4"D, SINGLE CONTROL FAUCET, CHROMED RTER TURNED ANGLE STOPS, CHROMED BRASS SUPPLIES, CHROMED BRASS "P" TRAP, ASSE 1070 COMPLIANT WATER TEMPERATURE LIMITING DEVICE, SET TO 110°F.

ANGLE 5'-0", DROP-IN INSTALLATION, ARCHER BATH DRAIN K-7272, CHROMED RTER TURNED ANGLE STOPS, CHROMED BRASS SUPPLIES, CHROMED BRASS "P" TRAP, 1070 COMPLIANT WATER TEMPERATURE LIMITING DEVICE, SET TO 110°F.

SURE BALANCED SHOWER VALVE W/INTEGRAL SERVICE STOPS, 4.5 GPM, TEMPERATURE ON/OFF CONTROLS FOR 2 OUTLETS, REQUIRED ACCESSORIES: IBOX UNIVERSAL PLUS WITH SERVICE STOPS. RAINDANCE S 150 AIR 3-JET SHOWERHEAD, SHOWERHEAD / 2.5 GPM, STANDARD SHOWERARM 6" AND ASSE 1070 COMPLIANT WATER TEMPERATURE ING DEVICE, SET TO 110°F.

ILESS STEEL UNDER COUNTER SINK, GOOSENECK FAUCET, CHROMED QUARTER TURNED STOPS, CHROMED BRASS SUPPLIES, CHROMED BRASS "P" TRAP. INSINKERATOR BADGER 5 W/ 1/2 HP, 120 VOLT, SINGLE PHASE DISPOSAL MOTOR AND 36" POWER D W/ 3 PRONG PLUG. PROVIDE DISHWASHER CONNECTION AND HW QUARTER TURNED VALVE STOP, AND ASSE 1070 COMPLIANT WATER TEMPERATURE LIMITING DEVICE, SET 10°F.

EAD, 4X4 PLASTIC OUTLET BOX OUTLET BOX AND QUARTER TURNED ANGLE STOP.

EAD, WASHING MACHINE OUTLET BOX W/ MINI-RESTER WATER HAMMER ARRESTERS.

SED ANTI-SYPHON NON-FREEZE WALL HYDRANT W/ INTEGRAL BACK FLOW PREVENTER ATOR, 3/4" MALE HOSE CONNECTION AND POLISHED BRONZE FINISH.

IRON BODY, ADJUSTABLE NICKEL BRONZE STRAINER ASSEMBLY, MEMBRANE CLAMP, HOLES, AND TRAP PRIMER CONNECTION.

BODY COMPLETE WITH STEEL-THREADED INSERTS FOR INCREASED STRENGTH AND EVITY. STANDARD TO THE ABS ROOF DRAIN IS A CAST IRON CLAMP DEVICE WITH AN RAL GRAVEL GUARD. REMOVE DOME STRAINER. INSTALL WATERPROOF MEMBRANE.

MANIFOLD SCHEDULE (M) $\langle M \rangle$

MARK	SYSTEM SERVED	GPM/CIRC	FLOW GPM	CIRCUITS/ SIZE
M-MAIN	MAIN FLOOR	0.5	3.5	7/ 3/4"
M-B1	BEDROOM 1	0.5	2	4/ 3/4"
M-B2	BEDROOM 2	0.5	1.5	3/ 3/4"
M-B3	BEDROOM 3	0.5	1.5	3/ 3/4"

				CABINS
				7758 E. Horizon Run
				Summit Powder Mountain Eden, Utah
		MacKay-Lyons		
		Architects		
		Limited		
	Н	2188 Gottingen St. alifax, Nova Scotia		
		Canada B3K 3B4		
		ph: (902) 429.1867		
		lax. (902) 429.0270		
				56
		Mechanic	al Servic	e & Systems, Inc.
		1055 Sout Salt Lake Ci	h 700 ty, UT	West 84104
		801-2	55-933	3
		$\triangle S$	\mathbb{N}	ID
		Engineered Med	NEERI	NG, PLLC
	ġ	700 WEST ATHERT(TAYLORSVILL (801) 268-3828, F	DRIV E, UTAI AX (80	42, SUIE 200 84123 1) 268-3297
		WWW.SMDEN	GINEER	ING.COM
			TRAC	
	C	PROF	ESSIO	KAR I
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		E DE	B/L	SER
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	Revi	sion:		
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	copy	right law as generally tice.	accepter	d in architectural
	AR(CHITECT'S REQUIRE	MENTS .	AND APPROVALS:
	Swe	etapple Architects Ltd	and to s. workma	seek prior written nship which deviates
	from		by the A	
N	ENC It is Swe	the Builder's responsit etapple Architects Ltd	i ⊏ivi S A bility to no . and to s	btify MacKay-Lyons seek prior written
?	appi from	oval for materials and instructions provided	workma by the E	nship which deviates ngineer.
	AU1 All n	HORITIES' REQUIRE	EMENTS Iship mus	AND APPROVALS: st comply with the
	requ the	irements of all authori work. It is the Builder's	ties havir respons	ng jurisdication over ibility to gain
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	All d drav	imensions must be ve vings. Plans take prec	rified on edent ov	site. Do not scale off er elevations. In the
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scale: AS NOTED

P601

date: 03-03-17

drawn: STAFF chk'd: SMD

FOR

Horizon Neighborhood

PP901 BUILDINGS - 6, 9, 10, 12, 17, 20

			CABINS
			7758 E. Horizon Run Summit Powder Mountain
			Eden, Utah
		MacKay-Lyons Sweetapple	
		Architects	
		Linited	
	: Ha	2188 Gottingen St. Ilifax, Nova Scotia	
		Canada B3K 3B4	
	p	bh: (902) 429.1867	
	Ta	ax: (902) 429.6276	
		Mechanical Servi	ice & Systems Inc
		1055 South 700) West
		801-255-93	33
			RING, PLLC
	98	Engineered Mechanic 86 WEST ATHERTON DRI TAYLORSVILLE LITA	IVE, SUITE 200 AH 84123
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TYPE	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 (INC LUMENS: 6 CCT: 3000	
F10	J-BOX MOUNTED LED DOWNLIGHT	HALO	SLD606930WHJB	120	12.2	LAMP: LED (INC LUMENS:7 CCT: 3000	
F11	LED PENDANT FIXTURE WITH LED LAMP	ARTEMIDE	SPHERA - RD211110	120		LAMP: LED (INC LUMENS:6 CCT: 3000 80 CRI	
F12	LED PENDANT FIXTURE WITH 63" CORDS, DIMMABLE	ARTEMIDE	TALO 90 - 1922028A	120	39	LAMP: LED (INC LUMENS: 3 CCT: 3000 80 CRI, DIMM	
F13	CEILING MOUNTED TRACK WITH TWO LED FIXTURES, DIFFUSION SPREAD LENS	HALO	L80815FL903DAH - LNC2-DSL - L650AH / L901AH	120	2 EACH	LAMP: LED (INC LUMENS: 3 CCT: 3000 80 CRI, DIMM	
F14	CEILING PADDLE FAN, FINISH SCBA, 120V/1P	HAIKU	120V: L3127-X5-XX-XX-00-E	120	35	LAMP: LED (INC LUMENS: 9 CCT: 2700 82 CRI,	
F3	SURFACE MOUNTED LED CURVED FRONT	ARTEMIDE	USC-RDLC-2-B-9-30-08-SCBA	120	32	LAMP: LED (INC LUMENS CCT:3000 90 CRI	
F4-12	12 FOOT LONG RECESSED LINEAR LED 0-10V DIMMING STANDARD TRIMLESS WITH FLUSH SATIN ACRY LIC LENS	NULITE	RT4-06-L30-UNV-D-1C-FRF-WH-12	UNV	77	LAMP: LED (INC LUMENS: 8 CCT: 3000 80 CRI	
F4-2	2 FOOT LONG RECESSED LINEAR LED 0-10V DIMMING STANDARD TRIMLESS WITH FLUSH SATIN ACRY LIC LENS	2 FOOT LONG RECESSED LINEAR LED 0-10V DIMMING STANDARD TRIMLESS WITH FLUSH SATIN ACRY LIC LENS NULITE RT4-06-L30-UNV-D-1C-FRF-WH-2					
F4-4	4 FOOT LONG RECESSED LINEAR LED 0-10V DIMMING STANDARD TRIMLESS WITH FLUSH SATIN ACRY LIC LENS	NULITE	RT4-06-L30-UNV-D-1C-FRF-WH-4	UNV	26	LAMP: LED (INC LUMENS: 2 CCT: 3000 80 CRI	
F4-8	8 FOOT LONG RECESSED LINEAR LED 0-10V DIMMING STANDARD TRIMLESS WITH FLUSH SATIN ACRY LIC LENS	NULITE	RT4-06-L30-UNV-D-1C-FRF-WH-8	UNV	52	LAMP: LED (INC LUMENS: 5 CCT: 3000 80 CRI	
F5	LED UNDERCA BINET TO BE DETERMINED					LAMP: LED (INC LUMENS: 1 CCT: 3000	
F6	LED PENDANT FIXTURE WITH 47" CORDS, DIMMABLE	ARTEMIDE	TALO 90 - 1922028A	120	39	LAMP: LED (INC LUMENS: 3 CCT: 3000' 80 CRI, DIMM	
F7	LINEAR LED FIXTURE SY STEM TO BE MOUNTED ON TRUSSES TO UPLIGHT CEILING	Q-TRAN	IQ20-35-50-90-2.6-XX IQA-SLIM-BK-CL-XX QPH POWER SUPPLIES AS REQ'D	120	18	LAMP: LED (INC LUMENS: 2 CCT: 3500	
F8	RECESSED LED STEP LIGHT	WHITEGOODS	P100SCFW-CL-830-600-ND-110V-EMND	120	6.24	LAMP: LED (INC LUMENS:6 CCT: 3000'	

PANEL C					LOCATION W D (in.) H		120/	120/240 VOLT		TS	TS <u>1</u> PH		_3_W	
							CABIN C			MAINS		X LUGS BREAKER SUBFEED LUGS		
SURFACE										-		ISO GROUND 200% NEUTRAL SPD		
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1754			WIREC	CIR.	L. PHAS	E LOAD	R. PHAS	ELOAD	CIR.	LUD				
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RANGE	50	2	0	7	4000	4000	2000	2500	0	30	2	10		
	- 20	-	12	1 0	1200	4000	720	2300	0	20	-	12	- RECEPTACIES BATH	
	20	1	12	11	1200	1200	120	540	12	20		12	RECEPTACIES BEDROOM	
RECEPTAL CES KITCHEN *	20	1	12	13	800	1200	720	540	14	20		12	RECEPTACI ES BEDROOM	
RECEPTACI ES BATH	20	1	12	15	000	360	120	1080	16	20	1	12	RECEPTACI ES BEDROOM	
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DATA BOARD	20	1	12	21	500		1080		22	20	1	12	RECEPTACLES FLOOR	
P-RAD	20	1	12	23		500			24	20	1		SPARE	
HEAT TAPE	20	1	12	25					26	20	1		SPARE	
SPARE	20	1		27					28	20	1		SPARE	
SPACE ONLY				29					30	20	1		SPARE	
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* ARC FAULT BREAKER					7736	8460	6681	5880						
					14417	14340	TOTAL					CONN	NECTED LOAD TOTAL	
					120	120	AMPS/P	PHASE					28757 W	

1778 WEST 1180 SOUTH WOODS CROSS, UT 84087 F: 801-292-4273 WWW.SALMONELECTRIC.COM ##XXX#### ##XXX#### ##XXX#### ##XXX#### ##XXX#### ##XXX#### ##XXX#### ##XXX#### ##XXX####

It is the Builder's responsibility to notify MacKay-Lyo Sweetapple Architects Ltd. and to seek prior written approval for materials and workmanship which deviate

ENGINEER'S REQUIREMENTS AND APPROVALS: t is the Builder's responsibility to notify MacKay-Lyo Sweetapple Architects Ltd. and to seek prior written approval for materials and workmanship which deviate

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.

absence of dimensions, or if discrepancies exist, consult Architect. All minimum dimensions are to comply with the National Building Code of Canada.

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