FORT CHOUTEAU

VISITORS SITE

FORT PIERRE

S16-P611

PROJECT LOCATION



ARCHITECT

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STRUCTURAL ENGINEER

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OWNER CITY OF FORT PIERRE

PROJECT INFORMATION

JURISDICTION: FORT PIERRE, SD.
BUILDING CODE: INTERNATIONAL BUILDING CODE, 2015

DRAWING SHEET INDEX

GENERAL

COVER COVER SHEET

GO.1 GENERAL ARCHITECTURAL NOTES, ABBREVIATIONS AND DRAWING SYMBOLS

ARCHITECTURAL

A2.0 SITE PLAN
A2.1 FLOOR PLAN, SECTION, ELEVATION, & ROOF PLAN
A2.2 ALTERNATE #1 AND #2 PICNIC SHELTER

STRUCTURAL

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51.1 FOUNDATION, FRAMING AND WIND UPLIFT PLAN

51.2 FOUNDATION AND FRAMING PLAN

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GENERAL NOTES

GENERAL REQUIREMENTS:

- . ATTENTION ALL USERS OF THESE DRAWINGS, GENERAL CONTRACTORS, SUBCONTRACTORS, MANUFACTURERS, SUPPLIERS: CAREFULLY AND THOROUGHLY REVIEW THESE GENERAL NOTES. IT IS YOUR RESPONSIBILITY TO KNOW AND ADHERE TO THESE REQUIREMENTS.
- 2. DO NOT PRESUME THAT YOUR SCOPE OF WORK IS SINGULARLY DEFINED. YOUR SCOPE OF WORK IS DEFINED THROUGHOUT THE ENTIRE SET OF DRAWINGS AND SPECIFICATIONS. YOU MUST REVIEW THE ENTIRE SET OF CONTRACT DOCUMENTS TO DETERMINE YOUR SCOPE OF WORK.
- 3. EVERY EFFORT HAS BEEN MADE TO MAKE THESE DOCUMENTS CONCISE AND COORDINATED, TO DEFINE WORK IN THE MOST LOGICAL PLACE AND TO ELIMINATE REDUNDANCY. KEEP IN MIND HOWEVER, THAT YOUR SCOPE OF WORK CAN BE CONTAINED IN VARIOUS PLACES, WITH VARYING DESCRIPTIONS, DO NOT CONSIDER THAT THERE IS ONE CUSTOMARY PLACE TO LOCATE YOUR WORK. THERE IS A DANGER OF OMITTING WORK FROM YOUR SCOPE BECAUSE THE ENTIRE SET OF DOCUMENTS MAS NOT REVIEWED.
- 4. THE CONTRACTOR SHALL YISIT THE SITE AND BECOME FAMILIAR WITH SITE CONDITIONS AS THEY MAY AFFECT CARRYING OUT THE WORK AS DESCRIBED IN THESE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL INVESTIGATE, VERIFY AND BE RESPONSIBLE FOR ALL CONDITIONS OF THE PROJECT, AND NOTIFY THE ARCHITECT OF ANY CONDITIONS THAT REQUIRE MODIFICATION BEFORE PROCEEDING WITH THE WORK.
- 5. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, LABOR, AND SERVICES NECESSARY TO COMPLETE WORK
- 6. ALL PERSONS DIRECTLY OR INDIRECTLY ASSOCIATED WITH THE PROJECT SHALL BE FAMILIAR WITH THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT, AND IMPLEMENT THOSE RULES AS THEY APPLY TO THIS PROJECT.
- 7. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE.
- 8. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL TRADES AND THE PREVENTION OF CONFLICT BETWEEN ALL TRADES.
- 9. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITY LINES. LOCATIONS SHOWN ARE APPROXIMATE. REPAIR ALL DAMAGE TO UTILITY LINES CAUSED BY CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.
- 10. WHERE APPLICABLE CONTRACTOR SHALL DOCUMENT CONDITIONS OF EXISTING FINISHES PRIOR TO WORK AND PROTECT THEM, LEAVING EXISTING FINISHES IN PRE-CONSTRUCTION STATE.

CONSTRUCTION NOTES:

- 1. TOP OF CONCRETE FLOOR SLAB IS ASSUMED AT EL. 100-0" PROVIDE POSITIVE DRAINAGE AMAY FROM ALL STRUCTURES.
- 2. ALL MATERIAL COLORS TO BE SELECTED BY OWNERS UNLESS NOTED OTHERWISE.

DRAWING AND DIMENSIONS

- 1. DRAWINGS ARE PREPARED USING DIMENSIONS AND PRODUCT CONFIGURATIONS OR DETAILS FOR SPECIFIC PRODUCTS MAY CHANGE BEFORE THEY ARE ACTUALLY INCORPORATED INTO THE MORE, AND PRODUCTS BY OTHER MANIFACTURERS MAY ALSO BE ACCEPTABLE. THEREFORE, ACTUAL INSTALLATION DETAILS AND DIMENSIONS MAY DIFFER FROM THOSE SHOWN, CONTRACTOR SHALL VERIFY INSTALLATION REQUIREMENTS FOR ALL PRODUCTS TO BE INCORPORATED IN THE MORE MICHAELING PRINTING THACKNESS FOR RECESSED OR SEMF-RECESSED PRODUCTS), AND IS REPORTIBLE FOR ACCOMMODATING AND COORDINATING CHANGES TO OTHER MATERIALS OF PRODUCTS THAT ARE INCESSARY BECAUSE OF THESE DIFFERENCES.
- 2. THE DRAWINGS AND SPECIFICATIONS ARE SEPARATED INTO DISCIPLINES FOR THE CONVENENCE OF THE ARCHTECT AND THE CONTRACTOR. THE SEPARATIONS USED HEREIN ARE USED ONLY FOR THE PURPOSES OF CONVENIENCE AND REFERENCE AND IN NO MAY DO THEY DEFINE OR LIMIT THE SCOPE OR INTENT OF ANY PART OF THE DRAWINGS, OR OF THE DRAWINGS AND SPECIFICATIONS AS A MYCLE. THE FACT THAT THE DRAWINGS ARE SEPARATED IN NO MAY SUGGESTS THAT THE MORNE IS NOT TO DE CONSTRUCTED AS A COMPLETE, INTEGRATED AND INNTED MYCLE.
- 3. THE DRAWINGS AND SECTIONS, INCLUDING DRAWINGS PREPARED BY SPECIFIC ENGINEERING DISCIPLINES (SUCH AS CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, ETC.) ARE COMPILEMENTARY; ITEMS SHOWN IN ANY ONE LOCATION IN THE DRAWINGS SHALL BE ECONSIDERED TO BE REGARRIMENTS OF THE CONTRACT FOR CONSTRUCTION. IN THE EVENT OF AN INCONSISTENCY BETWEEN THE DRAWINGS AND SPECIFICATIONS OR WITHIN ETHER DOCUMENT, THE CONTRACTOR SHALL SEEK CLARIFICATION OR INTERFERTATION FROM THE ARCHITECT PRIOR TO BIDDING, AND WHERE THE ACTUAL SOLUTION OR INTENT CANNOT BE REASONALLY INFERRED, THE CONTRACTOR SHALL PROVIDE THE BETTER GUALITY OR GREATER GUANTITY OF WORK.
- 4. USE OF THE WORD "VERIFY POINTS OUT A SITUATION WHICH MUST BE CONFIRMED PRIOR TO PROCEEDING WITH THE WORK, FABRICATION OF EQUIPMENT, OR ORDERING MATERIAL. NOTIFY THE ARCHITECT OF ANY DISCREPANCY.
- 5. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ARCHITECT IMMEDIATELY SHOULD ANY DISCREPANCIES BE FOUND IN THE DRAYINGS AND SPECIFICATIONS.
- 6. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL FIELD CONDITIONS AND DIMENSIONS AS THEY RELATE TO THIS PROJECT. SHOULD DISCREPANCIES EXIST BETWEEN THE WORK INDICATED AND ACTUAL FIELD CONDITIONS NOTIFY THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK
- T. DO NOT SCALE THE DRAWINGS, DRAWING SCALES AS INDICATED ARE FOR REFERENCE ONLY AND ARE NOT INTENDED TO ACCURATELY DEPICT ACTUAL OR DESIGNATED CONDITIONS. WRITTEN DIMENSIONS SHALL GOVERN
- 8. THE TERM "ALIGN" REFERS TO LOCATING DIFFERENT COMPONENTS OF CONSTRUCTION TO PROVIDE A FLUSH FINISH SURFACE.

ARCHITECTURAL ABBREVIATIONS

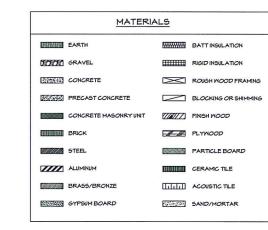
	ARCHITEC	STURA	L ABBREVIATIONS
ACT ADA ADA AEF AFG AHJ AHJ	ACOUSTICAL CELLING TILE AREA DRAIN AMERICANS WITH DISABILITIES ACT AUTOMATED EXTRENAL DEFIBRILATOR ABOVE FINISH FLOOR ABOVE FINISH GRADE AUTHORITIES HAVING JIRISDICTION ARE HANDLING UNIT	GL GLU LAM GND GT GYP BD	GROUND FACE CMU GROUND FAULT CIRCUIT INTERUPTER GLASS GUIELLAMINATED MOOD GROUND GROUT GYPSUM BOARD
ALT ALUM ANOD APPROX ARCH AVG	ALTERNATE ALUMINUM ANODIZED APPROXIMATE ARCHITECTURAL AVERAGE	HAZ MAT HB HC HCP HDR HDW HDWD	HAZARDOUS MATERIALS HOSE BIBB HOLLOW CORE HANDICAPPED HEADER HARDWARE HARDWARE
B BD BG BLDG BLKG BM	BRICK MASONRY BOARD BUMPER GUARD BUILDING BLOCKING BEAM BOTTOM OF BRICK PATTERN BEARING	HM HORIZ HR HT HYAC	HANDICAPPED HEADER HARDMARE HARDMODE HOLLOW METAL HORIZONTAL HOURHANDRAL HEIGHT HEATING, YENTING & AIR CONDITIONING
BO BP BRG CBB		IBC IG IN INFO INSUL	INTERNATIONAL BUILDING CODE INSULATING GLASS INCH INFORMATION INSULATION INTERIOR
CER CF CFM CG	CEMENTITIOUS BACKER BOARD CERAMIC CUBIC FEET CUBIC FEET PER MINUTE CURB AND GUTTER CAST IRON CAST IR PLACE CONTROL JOINT CENTERLINE CELLING	INT ITG JAN J-BOX	INSULATED TEMPERED GLASS JANITOR
0P 0J 0J 0J 0J 0J 0J 0J 0J 0J 0J 0J 0J 0J	CAST IN PLACE CONTROL JOINT CENTERLINE CEILING	JT LAV LB(S)*	JUNCTION BOX JOINT LAVATORY POUNZ(5) LINEAL FEET LIMESTONE
CMP CMU CO COL CONC	CORRUGATED METAL PIPE CONCRETE MASONRY UNITS CLEANCUTES) COLUMB CONCRETE CONCRETE CONCRETE CONTRIBUOS CORDINATE CARPET CA	LMST LLV LT LVR	LINEAL FEE I LIMESTONE LONG LEG VERTICAL LIGHT LOUVER
COLCONT CORT COT COT COT COT COT COT COT COT COT CO	CONTINUOUS COORDINATE CASC STOCKE CASC STOCKE CASC STOCKE CASC STOCKE CERAMIC TILE CERTAMIC TILE CASC TI	MAINT MAX MC MECH MFR MH MIRR MIRR MISC	MANTENANCE MATERIAL MASHUM MECHANCAL MECHANCAL MANUFACTURER MANUFACTUR
DEG DEMO DEPT DET DF	DEGREE DEMOLITION DEPARTMENT DETAIL DRINKING FOUNTAIN DIAMETER	MO MP MRP MTD MTL MWP	MIRKON MISCELLANEOUS MASCHEN OPENING METAL PANEL METAL ROOFPANEL METAL ROOFPANEL METAL WALL PANEL
DIAG DISP DN DR DS DWG	DAGONAL DISPENSER DOWN DOWN DOOR DISHMASHER DRAMING	NA NECY NC NO NOM NTS	NOT APPLICABLE NECESSARY NOT IN CONTRACT NUMBER NOMINAL NOT TO SCALE
(E) EAS ELLE ELLE ELLE EGUIP	EXISTING EACH EXTERIOR INSULATION AND FINISH SYSTEM EXPANSION JOINT ELECTRICAL ELECYATIOR EQUIAL EQUIPMENT	OF OF OF OPP ORD	ON CENTER OUTSIDE DIAMETER, OVERFLON DRAIN ONNER FUNNSHIED OWNER INSTALLED OPPOSITE HAND OPTIONAL LINE ITEM OPPOSITE OVERFLOWN ROOF DRAIN
ETS EMC EXH EXST EXP EXPD EXT	ESTIMATED EXPOSED TO STRUCTURE ELECTRIC NATER COOLER EXHAUST EXISTING EXPANSION EXPANSION EXPANSION EXPENSION EXPENSION	P PARTN PBD PCC PL PLAM PREFAB PROP	PLASTIC PARTITION PARTICLE BOARD PRECAST CONCRETE PLATE PLASTIC LAMINATE PREFABRICATED PROFEREY PROFER
FA FAAP FAB FACP FCU FD FDN	FIRE ALARM FIRE ALARM ANNUNCIATOR PANEL FABRIC FIRE ALRM CONTROL PANEL FAN COLD UNIT FLOOR DRAIN FOUNDATION	PSF PSI PT PT CONC PTD PTL PVC	PROJECT IT POUNDS PER SQUARE FOOT PINCE PER SQUARE INCH POST-TENSIONED CONCRETE PAPER TOMEL DISPENSER PORCELAN TILE POLYVINT CHLORIDE
FE FEC FF	FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FINSH FLOOR	QA QT	QUALITY ASSURANCE QUARRY TILE
FF4E FIN FIXT	FINSH FLOOR PURNTURE FLOURES & EQUIPMENT FINSH FINSH FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR FRESTAND FRESTAN	R RB RCP REBAR RECOPT REF REGIST REGI	R-VALUE (INSULATION), RADUS/RISER RESULENT BASE REFLECTED CELING PLAN ROOF DRAIN REFERENCE REINFORCING BAR RECESSED RECESSED RECESSED RECESSED REINFORCE REINFORCE REINFORCE REQUIEDT RESULENT REVISION
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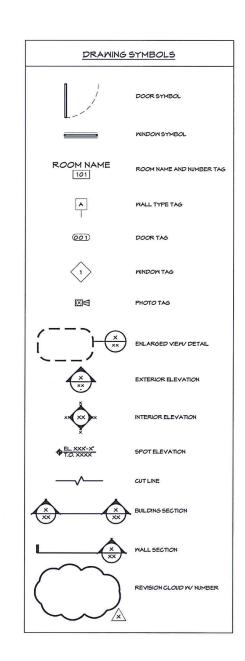
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25 54847 ED LT Z 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	RUBBER STAIR TREAD SEANLESS ACRILLE IL OORIN SUSPENDED ACOUSTICAL PAN SUSPENDED ACOUSTICAL PAN SUSPENDED ACOUSTICAL TILE SEALED CONCRETE, SOLID CORE SCUPPER SOLP DISPENSER SECTION SECTION SEALER SOLIT FACE CMU SHEATING SIMLLAR SOLID SUSPACE MATERIAL SANITARY NAPKIN DIPOSER SPECIFICATIONS STAILESS STELL SOUND TRANSMISSION CLASS STAINDARD STELL STORE FACING STELL STORE FACING STELL STORE FACING STELL STORE FACING STORE
SYM SYS T TBD TEL TEMP TG	SYMMETRICAL SYSTEM TREAD TO BE DETERMINED TELEPHONE TEMPERATURE TEMPERATURE TEMPERED GLASS,
だっているからので サロードング	TONSUE I GROOVE TRANSFER GILLE THROUGH TOP OF TOP OF CONCRETE TOP OF MASONRY TOP OF PARAPET TOP OF PARAPET TOP OF FIELL TOP OF ROOF TOLLET PARTITION TOLLET TISSUE DISPENSER TERRAZZO TILE PATTERN TELEVISION TYPICAL
UGND UL UNL UP URN	UNDERGROUND UNDERWRITERS LABORATOR UNLESS NOTED OTHERMISE UNIT PAING URINAL
VB VCT VERT VIF VTR VWC	VINYL BASE VINYL COMPOSITION TILE VERTICAL VERIFY IN FIELD VENT THROUGH ROOF VINYL WALL COVERING
* * * * * * * * * * * * * * * * * * *	MITHOUT MATER CLOSET MOOD PANEL MINDOM MODE PLANEL MINDOM MODE PLANE MATER REATER MATER REATER MOOD PANEL MAINSCOT MASTE RECEPTACLE MATER RESTOR MOOD PANEL MATER RESTOR MATER STOR MOOD STAIN

ROOF HATCH

NOTES:

1. FOR ADDITIONAL
ABBREVATIONS SEE
ENGINEERING DRAWINGS,
2. CONTACT ARCHITECT
FOR ABBREVATIONS NOT
3. THIS IS A STANDARD
SHEET THEREFORE,
SOME ABBREVATIONS
MAY APPEAR ON THIS
SHEET AND MAY NOT BE
UTILIZED ON THIS
FOR THE SECOND THIS
SHEET OF CONSTRUCTION
SPECIFICATIONS
INSTITUTE UNIFORM
DRAWING SYSTEM
MODULE 5, FOR
ADDITIONAL
ABBREVATIONS







FORT CHOUTEAU VISIT.
FORT PIERRE, SD
GENERAL NOTES

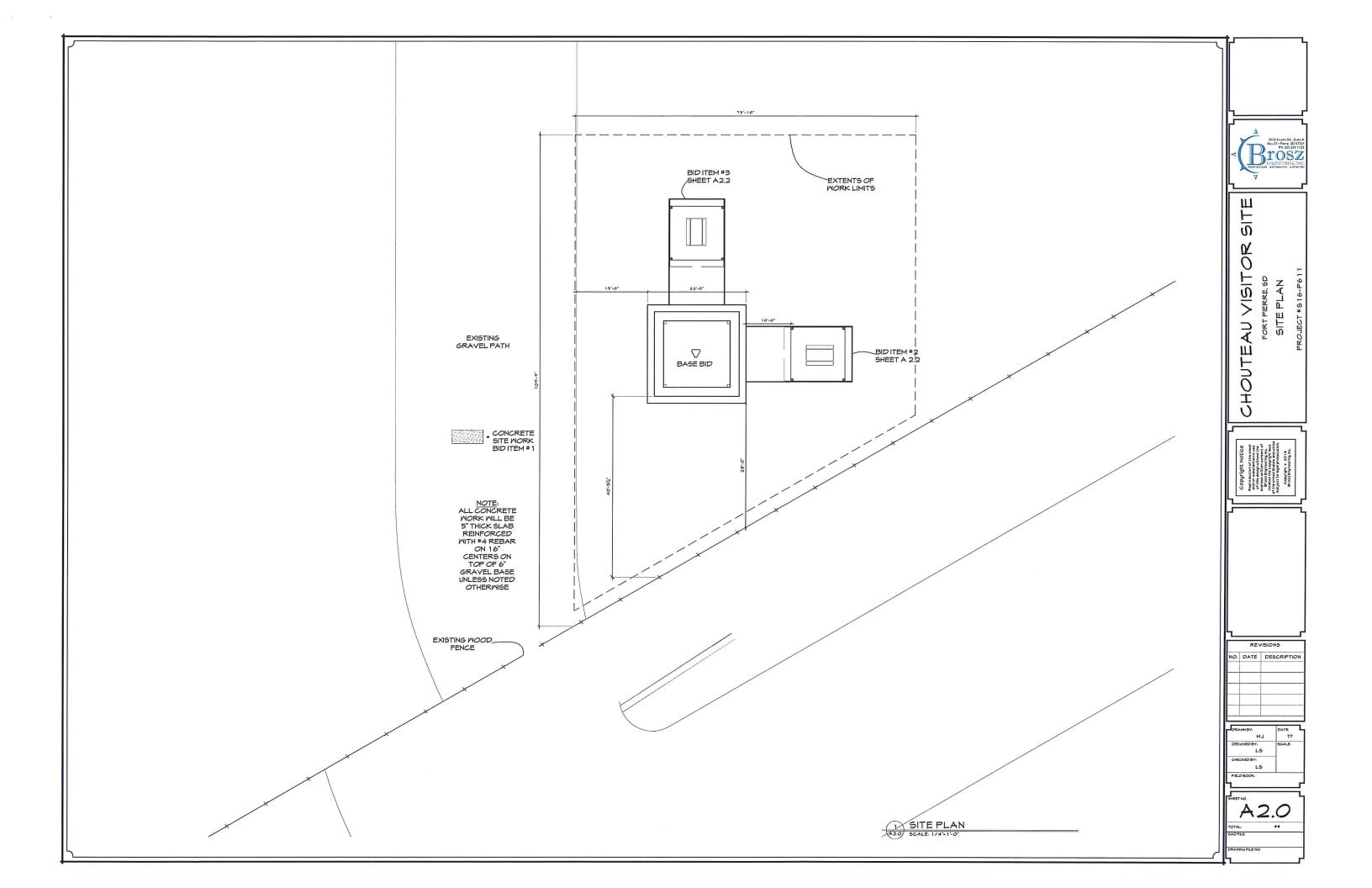
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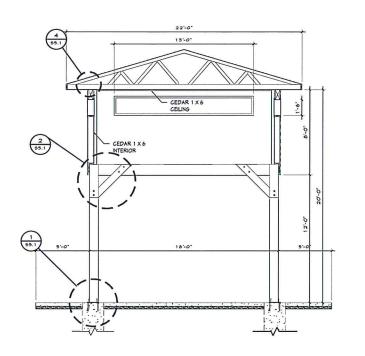
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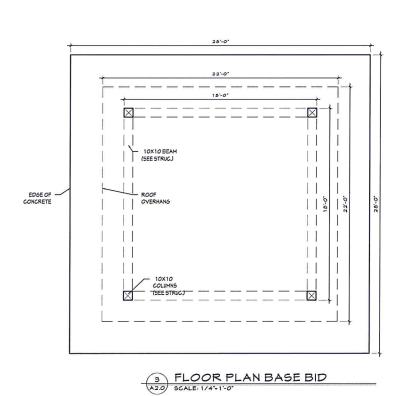
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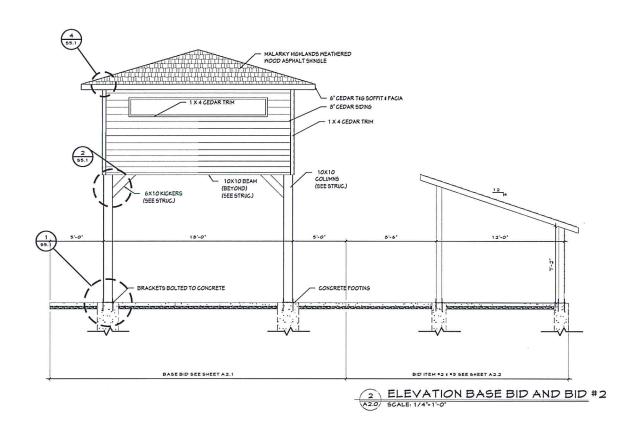




SECTION BASE BID

NOTE: SEE STRUC. DRAWINGS FOR ALL MEMBER SIZES AND CONNECTIONS.





MARLARKY
HIGHLAND
NEATHERED
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SHINGLE RIDGE
CAP

ROOF PLAN BASE BID

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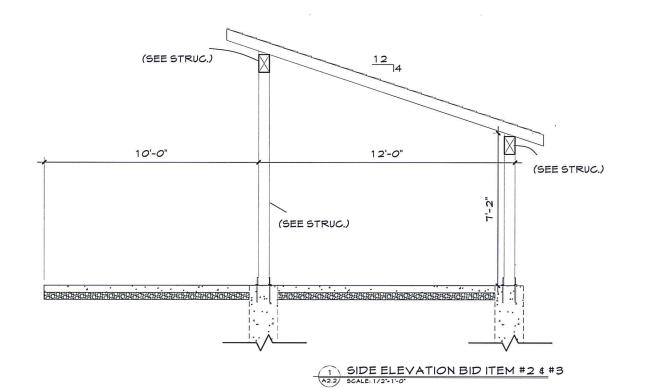
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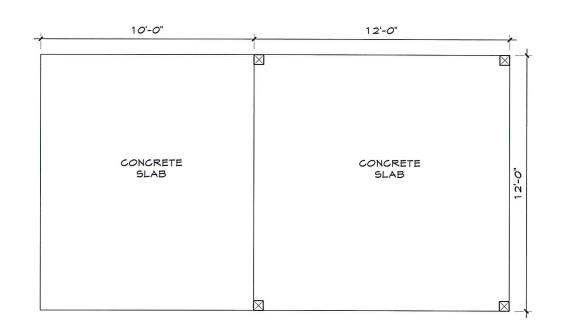
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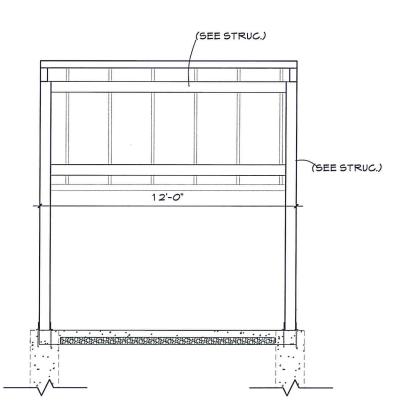
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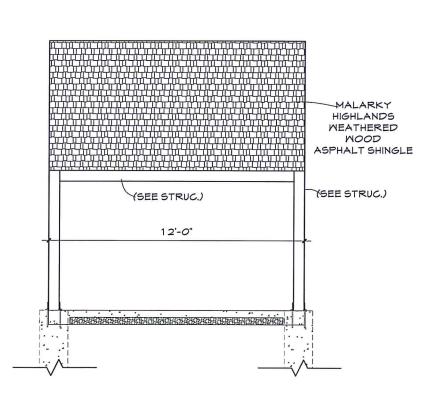
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3 FRONT ELEVATION BID ITEM #2 \$ #3

4 BACK ELEVATION BID ITEM #2 \$ #3

62.2 SCALE: 1/2*-1*-0*

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2 FLOOR PLAN BID ITEM #2 \$ #3

STRUCTURAL NOTES

GENERAL NOTES:

- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION JOB SPECIFICATIONS AND ARCHITECTURAL MECHANICAL WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICA ELECTRICAL, PLUMBING AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
- ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
- THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING (AND ACCOMPANYING FOOTINGS), GUYS OR TIEDOWNS.
- ADDITIONAL OBSERVATIONS AS A RESULT OF REJECTION F WORK COMPLETED AND/OR ADDITIONAL OBSERVATIONS JE TO THE DEFICIENCIES IN WORK OBSERVED WILL BE AT HE EXPENSE OF THE CONTRACTOR.
- 5. ALL STRUCTURAL SHOP DRAWINGS TO BE REVIEWED BY JOB SUPERINTENDENT IN ADDITION TO ALL PERSONNEL DEEMED NECESSARY BY CONTRACTOR PRIOR TO SUBMITTAL TO
- 6. ALL SHOP DRAWING TO BE REVIEWED BY ALBERTSON ENGINEERING INC. SHALL HAVE ELECTRONIC COPIES PROVIDED TO ALBERTSON ENGINEERING INC. FOR REVIEW. AN ELECTRONIC MARKED SET OF THOSE DRAWINGS WILL BE RETURNED TO THE CONTRACTOR. NO ADDITIONAL HARD COPIES OF THE SHOP DRAWINGS NEED TO BE PROVIDED TO ALBERTSON ENGINEERING INC., ALTHOUGH OTHER PARTIES MAY REQUIRE HARD COPIES OF THE MARKED UP DRAWINGS. THESE REQUIREMENTS ARE IN ADDITION TO THE TYPICAL PROJECT SHOP DRAWING SUBMITTAL REQUIREMENTS STATED IN THE PROJECT SPECIFICATIONS.
- 7. THE DESIGN OF THE STRUCTURE SHOWN IN THESE CONSTRUCTION DOCUMENTS IS FOR THE ONE-TIME USE AT THE SPECIFIC SITE REFERENCED IN THE TITLE BLOCK.

DESIGN CODES:

- 2015 INTERNATIONAL BUILDING CODE.
- 2012 NATIONAL DESIGN SPECIFICATIONS (NDS)

DESIGN LOADS:

ROOF:	SNOW LOAD	30 psf
	GROUND SNOW LOAD	42 psf
	DEAD LOAD	10 psf
WND:	ULTIMATE WND SPEED	115 mph
	EXPOSURE CATEGORY	C
	IMPORTANCE FACTOR	1.0
SEISMIC:	USE GROUP	II
	SEISMIC DESIGN CATEGORY	A
	CITE OF ACCIDICATION	D

FOUNDATIONS:

FOUNDATIONS HAVE BEEN DESIGNED AS NONCONSTRAINED EMBEDDED POLES USING THE METHOD PROVIDED IN THE 2015 IBC WITH THE FOLLOWING SOIL PROPERTES:

ALLOWABLE END BEARING PRESSURE: 1500 psf ALLOWABLE LATERAL BEARING PRESSURE: 100 psf/ft

CHEMICAL ANCHORS:

SHALL BE A POLYMER INJECTION SYSTEM SUCH AS HILTI HY-200 EPOXY OR APPROVED EQUAL, INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. INSTALLERS SHALL BE TRAINED BY THE MANUFACTURER'S REPRESENTATIVE.

ANCHOR BOLTS:

1. SHALL BE A36 THREADED ROD. PROVIDE HOT DIP GALVANIZE FINISH ON ALL ANCHOR BOLTS PERMANENTLY EXPOSED TO EXTERIOR OR IN CONTACT WITH PRESSURE TREATED LUMBER.

2. THREADED ROD EMBEDMENT DEPTH SPECIFIED IN THE DRAWNOS SHALL BE FROM TOP OF CONCRETE TO TOP OF DOUBLE NUT.

1. CONCRETE TESTING SHALL BE PAID FOR BY THE OWNER. TESTING LABORATORY SHALL PERFORM THE FOLLOWING TESTS ON CAST—IN—PLACE CONCRETE:

- A) ASTM C143 "STANDARD TEST METHOD FOR SLUMP
- A) ASTM C143 "STANDARD TEST METHOD FOR SLUMP OF PORTLAND CEMENT CONCRETE."

 B) ASTM C39 "STANDARD TEST METHOD FOR COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS." A SEPARATE TEST SHALL BE CONDUCTED FOR EACH CLASS, FOR EVERY 50 CUBIC YARDS (OR FRACTION THEREOF), PLACED PER DAY, REQUIRED CYLINDER(S) QUANTITIES AND TEST AGE AS FOLLOWS:

1 AT 7 DAYS 2 AT 28 DAYS

PROVIDE ONE ADDITIONAL RESERVE CYLINDER TO BE TESTED UNDER THE DIRECTION OF THE ENGINEER, IF REQUIRED, IF 28 DAY STRENGTH IS ACHEVED, THE ADDITIONAL CYLINDER(S) MAY BE DISCARDED.

NO PENETRATIONS SHALL BE MADE IN ANY STRUCTURAL MEMBERS OTHER THAN THOSE LOCATED ON THESE DRAWINGS WITHOUT PREVIOUS APPROVAL OF THE ENGINEER.

CONCRETE MIX DESIGN:

1. SHALL BE MIX DESIGNED BY A RECOGNIZED TESTING LABORATORY TO ACHIEVE A STRENGTH AT 28 DAYS AS LISTED BELOW WITH A PLASTIC AND WORKABLE MIX:

3,000 psi - FOUNDATION WALLS AND FOOTINGS 4,000 psi - ALL OTHER CONCRETE

4,000 psi — ALL OTHER CONCRETE

2. SUBMIT PROPOSED MIX DESIGN WITH RECENT FIELD CYLINDER OR LAB TESTS FOR REVIEW PRIOR TO USE. MIX SHALL BE UNIQUELY IDENTIFIED BY MIX NUMBER OR OTHER POSITIVE IDENTIFICED BY MIX NUMBER OR OTHER POSITIVE IDENTIFICATION. CONCRETE SHALL COMPLY WITH ALL THE REQUIREMENTS OF ASTM STANDARD C94 FOR MEASURING, MIXING, TRANSPORTING, ETC. CONCRETE INCRETS SHALL BE TIME STAMPED WHEN CONCRETE IS BATCHED. THE MAXIMUM TIME ALLOWED FROM THE TIME THE MIXING WATER IS ADDED UNTIL IT IS DEPOSITED IN ITS FINAL POSITION SHALL NOT EXCEED ONE AND ONE HALF (1—1/2) HOURS, IF FOR ANY REASON THERE IS A LONGER DELAY THAN STATED ABOVE. THE CONCRETE SHALL BE DISCARDED. IT SHALL BE THE RESPONSIBILITY OF THE TESTING LAB TO NOTIFY THE OWNER'S REPRESENTATIVE AND THE CONTRACTOR OF ANY NONCOMPLIANCE WITH THE ABOVE. ALL SLABS SHALL BE CURED USING CURING COMPOUND MEETING ASTM STANDARD C309 TYPE 1 AND SHALL HAVE A FUGITIVE DYE. THE COMPOUND SHALL BE PLACED AS SOON AS THE FINISHING IS COMPLETED OR AS SOON AS THE WATER HAS LEFT THE UNIFINISHED CONCRETE. SHALL BE RECOATED DAILY, CACIOUM CHLORDES SHALL BE RECOATED DAILY, CACIOUM CHLORDES SHALL BE FRECOATED DAILY, CACIOUM CHLORDES SHALL BE RECOATED ADMIXTURES MAY BE USED ONLY WITH THE APPROVAL OF THE EGNINEER.

3. CONCRETE SHALL UTILIZE TYPE I/II CEMENT.

4. THE CONCRETE STRENGTHS SHOWN IN THE SECTION ABOVE AND IN THE SPECIFICATIONS ARE MINIMUM COMPRESSIVE STRENGTHS. THE ENGINEER SHALL DETERMINE IF THE CONCRETE IS ACCEPTABLE, OR TO BE REMOVED, OR TO RECEIVE SPECIAL CURING IF THE COMPRESSIVE TO RECEIVE SPECIAL CURING IF THE CO STRENGTHS ARE LESS THAN SPECIFIED.

5. ALL CONCRETE EXPOSED TO WEATHER OR EARTH SHALL BE AIR ENTRAINED TO 5% TO 7%.

6. WATER REDUCING AGENTS MAY BE USED IN THE CONCRETE MIX. PLASTICIZERS AND SUPER-PLASTICIZERS MAY BE USED ONLY WHEN WRITTEN PERMISSION OF THE ENGINEER IS GIVEN.

NO SALTS OF ANY KIND MAY BE USED IN CONCRETE BEFORE OBTAINING THE ENGINEER'S WRITTEN PERMISSION FOR THEIR USE.

8. AIR CONTENT OF INTERIOR TROWEL FINISHED FLOOR SLABS

9. MAXIMUM WATER TO CEMENTITIOUS MATERIAL RATIO FOR ALL CONCRETE SHALL NOT EXCEED 0.5.

CONCRETE AND REINFORCING PLACEMENT:

1. ALL CONCRETE SHALL BE PLACED IN ACCORDANCE WITH ACI 301 AND ACI 117 EXCEPT AS MODIFIED BELOW:

ACI 117 ITEM 4.3.1.1 ELEVATIONS OF SLABS—ON—GRADE TOP OF SLAB ELEVATION SHALL BE WITHIN A 36" ENVELOPE EITHER SIDE OF THE THEORETICAL DESIGN SURFACE.

ACI 117 ITEM 4.5.7 FLOOR FINISH TOLERANCES AS MEASURED BY PLOUR FINISH IOLEMANCES AS MEASURED BY PLACING A FREE STANDING (UNLEVELED) 10 FT. STRAIGHT EDGE ANYWHERE ON THE SLAB AND ALLOMNO IT TO REST UPON TWO HIGH SPOTS WITHIN 28 DAYS AFTER SLAB CONCRETE PLACEMENT. THE GAP AT ANY POINT BETWEEN THE STRAIGHT EDGE AND THE FLOOR SHALL NOT

ALL REINFORCING STEEL TO BE ASTM A615, GRADE 60 (#4 AND LARGER), EXCEPT WHERE NOTED OTHERWISE. REINFORCING SHALL NOT BE WELDED.

3. WELDED WIRE FABRIC TO CONFORM TO ASTM A185 AND SHALL BE FREE FROM OIL, SCALE AND RUST. PLACE WWF IN ACCORDANCE WITH THE TYPICAL PLACING DETAILS OF ACI STANDARDS AND THE SPECIFICATIONS. MINIMUM LAPS SHALL BE ONE SPACE PLUS 2".

5. LAP ALL REINFORCING SPLICES IN CONCRETE A MINIMUM OF 48 BAR DIAMETERS OR 24 INCHES. WHICHEVER IS GREATER, UNLESS NOTED OTHERWISE ON DRAWINGS (CLASS B

6. PROVIDE CORNER BARS OF SAME BAR DIAMETER AS SPECIFIED FOR THE WALL, BEAM OR FOOTING. PROVIDE MINIMUM OF 40 BAR DIAMETER LAP FOR ALL CORNER BARS,

7. PROVIDE FOUNDATION DOWELS AS SHOWN, MINIMUM SIZE DOWELS TO BE #4, UNLESS OTHERWISE NOTED. ALL VERTICAL REINFORCING STEEL IN COLUMNS AND PIERS, OR VERTICAL REINFORCING IN WALLS, SHALL BE DOWELED INTO THE FOOTINGS WITH SAME SIZE AND QUANTITY DOWEL AS THE VERTICAL REINFORCING.

WHERE SHOWN ON THE DRAWINGS, PROVIDE WELD 8. WHERE SHOWN ON THE DRAWINGS, PROVIDE WELD PLATES, WELDMENTS, OR CONCRETE INSERTS FOR FASTENING AND SECURING OTHER COMPONENTS. CONCRETE INSERTS SHALL BE FURNISHED BY THE CONTRACTOR REQUIRING THEM AND INSTALLED BY THE CONTRACTOR CASTING THE CONCRETE AROUND THEM. CLIP ANGLES SHALL BE FURNISHED BY THE CONTRACTOR REQUIRING THEM.

REINFORCING STEEL SHALL RECEIVE CONCRETE COVER AS

MINIMUM COVER DESCRIPTION
CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH EXPOSED TO EARTH OR WEATHER #6 THROUGH #18 BARS #5 BARS OR SMALLER NOT EXPOSED TO EARTH OR WEATHER OR IN CONTACT WITH THE GROUND, SLABS AND WALLS #11 BARS OR SMALLER #14 AND #18 11/2" BEAMS AND COLUMNS

COLD WEATHER AND HOT WEATHER PROVISIONS OF ACI
 AND 305 (CURRENT EDITIONS), RESPECTIVELY, SHALL BE

1. STRUCTURAL 2x WOOD COMPONENTS HAVE BEEN DESIGNED AS SPRUCE-PINE-FIR (SPF) OR HEM-FIR (HF) NO. 2 OR BETTER AND SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE FIBER STRESSES AND PROPERTIES:

MODULUS OF ELASTICITY (E) 1,300,000 PSI BENDING (Fb) SHEAR (Fv)

WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL PROTECTED OR PRESSURE TREATED IN ACCORDANCE WITH

3. MEMBER SIZES SHOWN ARE NOMINAL UNLESS NOTED

4. BOLTS IN WOOD ARE MACHINE BOLTS, UNLESS OTHERWISE NOTED, MACHINE BOLTS SHALL HAVE A SHANK DIAMETER WITHIN 1/64" OF THAT SPECIFED. BOLTS ARE ASTM 307 STEEL. BOLT HOLES IN WOOD SHALL BE 1/32" OVERSIZE. WHERE STEEL IS CONNECTED TO WOOD, HOLES IN STEEL SHALL BE 1/16" OVERSIZE. PROVIDE STANDARD CUT WASHERS UNDER HEAD AND NUT WHERE BEARING IS AGAINST WOOD. WHERE STEEL SIDE PLATES ARE USED FOR CONNECTION, THE PLATE SHALL BE USED AS A TEMPLATE.

WOOD SHEATHING:

1. PLYWOOD ROOF, FLOOR AND WALL SHEATHING ARE DESIGNED AS DIAPHRAGMS AND SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 23 OF THE INTERNATIONAL BUILDING CODE.

SHEATHING SHALL BE FASTENED IN ACCORDANCE WITH PLANS SHOWN SPECIAL NAILING REQUIREMENTS AND WITH THE APPROPRIATE SCHEDULE IN CHAPTER 23, UNLESS NOTED OTHERWISE.

3. IN GENERAL, SHEETS SHALL BE 4'-0"x8'-0" AND SHALL BE LAID WITH FACE PLIES ACROSS FRAMING MEMBERS AND WITH END JOINTS STAGETED 4'-0'. NO PANEL SHALL BE USED WHICH IS LESS THAN 24" IN WOTH ON FLOORS AND ROOFS. SHEATHING SHALL BE CONTINUOUS ACROSS 2 SPANS,

PRE-ENGINEERED WOOD TRUSSES:

1. ENGINEERED WOOD TRUSS SYSTEMS SHALL BE DESIGNED BY SUPPLIER TO THE CONFIGURATION AND LOAD-CARRYING CAPACITY SHOWN ON THE DRAWINGS AND SPECIFICATIONS. TRUSSES SHALL BE DESIGNED TO SUSTAIN SELF WEIGHT OF THE TRUSSES AND UNIFORM LOADS AS INDICATED ON THIS SHEET AND AS FOLLOWS:

A) ROOF DEAD LOAD: TOP CHORD = 10 psf BOT. CHORD = 10 psf B) ROOF SNOW LOAD: UNIFORM = 30 psf DRIFT = SEE CODE OVERHANG = 60 psf

C) WND UPLIFT: SEE UPLIFT PLAN

2. FLOOR TRUSSES SHALL BE DESIGNED FOR A MAXIMUM VERTICAL DEFLECTION OF L/480 LIVE LOAD AND L/360 TOTAL LOAD.

3. ROOF TRUSSES SHALL BE DESIGNED FOR A MAXIMUM VERTICAL DEFLECTION OF L/360 LIVE LOAD AND L/240 TOTAL LOAD.

4. ALTERNATE TRUSS LAYOUTS ARE ACCEPTABLE ONLY AS A CHANGE ORDER WHICH WILL INCLUDE ENGINEERING CHARGES TO THE CONTRACTOR FOR REDESIGN FOR REVIEW PRIOR TO

5. SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. SHOP DRAWINGS SHALL SHOW AND SPECIFY ALL CONNECTOR TYPES UTILIZED WITHIN TRUSSES, AS WELL AS CONNECTORS UTILIZED IN ALL OTHER CONNECTIONS AND ATTACHMENTS BETWEEN TRUSSES OR CONNECTIONS AND ATTACHMENTS BETWEEN TRUSSES OR COMPONENTS SUPPLIED AS PART OF THE ENGINEERED TRUSS SYSTEM. AN ERECTION DRAWING SHALL BE INCLUDED, IDENTIFTING ALL TRUSS SYSTEM COMPONENTS, AS WELL AS ALL PERMANENT BRACING REQUIRED FOR TRUSS DESIGN. SHOP DRAWINGS SHALL BEAR THE SIGNATURE AND SEAL OF A PROFESSIONAL ENGINEERED REGISTERED IN THE STATE OF SOUTH DAKOTA.

WOOD FRAMING CONNECTORS:

1. CONNECTOR MODEL NUMBERS SHOWN ARE "Strong-Tie" CONNECTORS AS MANUFACTURED BY "SIMPSON Strong-Tie Co.", 1450 DOOLITILE DR., PO BOX 1568, SAN LEANDRO, CA 94577. SUBSTITUTIONS ARE ACCEPTABLE ONLY WITH THE APPROVAL OF THE STRUCTURAL ENGINEER.

2. ALL CONNECTORS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM—A653. CONNECTORS IN CONTACT WITH PRESSURE TREATED MATERIALS SHALL HAVE G-185 COATING. CONNECTORS NOT IN CONTACT WITH TREATED MATERIALS SHALL HAVE STANDARD G-60 COATING.

SPECIAL INSPECTION AND TESTING:

SPECIAL INSPECTION AND MINIMUM TESTING SHALL BE PERFORMED IN ACCORDANCE WITH 2015 IBC AND ALL REFERENCED MATERIALS AND TABLES.

2. INSPECTION SHALL BE PROVIDED BY AN INDEPENDENT TESTING AGENCY HIRED AT THE OWNER'S EXPENSE. AGENCY INSPECTION PERSONNEL SHALL MEET THE INSPECTOR QUALIFICATIONS FOR EACH MATERIAL ITEM AS INDICATED IN THE SPECIFICATIONS.

3. ANY MATERIAL OR PLACEMENT DEVIATIONS FROM MINIMUMS SHOWN ON THE DRAWINGS OR IN SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

4. IN ADDITION TO THE SPECIAL INSPECTION TABLES, THE EXPOSED STRUCTURAL STEEL WITHIN AISC'S CODE OF STANDARD INSPECTOR SHALL VERIFY THAT ALL STEEL MAINTAIN ERECTION TOLERANCES OF STRUCTURAL STEEL AND ARCHITECTURALLY PRACTICE FOR STEEL BUILDINGS AND BRIDGES.

5. IN ADDITION TO THE CONCRETE IBC INSPECTION TABLES, THE INSPECTOR SHALL VERIFY THAT ALL CONCRETE MAINTAIN TOLERANCES SPECIFIED IN ACI 117-90 STANDARD SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS.

6. TESTING — ANY FAILED FIELD TEST SHALL BE REPORTED TO ALBERTSON ENGINEERING INC IMMEDIATELY.

REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION IBC 2015 (TABLE 1705.3)

				1		
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE		REQUIRED ON THIS PROJEC
1.INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT.		x	ACI 318: 3.5, 7.1-7.7	1910.4	PRIOR TO STARTING POURS WHERE CONCRETE TO BE SAMPLED	YES
 INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE1705.2.2, ITEM 2B. 			AWS D1.4 ACI 318: 3.5.2		PRIOR TO ENCLOSING	YES
3. INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.		x	ACI 318: 8.1.3, 21.2.8	1908.5, 1909.1		NO
4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.		×	ACI 318: 3.8.6, 8.1.3, 21.2.8	1909.1	e e	YES
5. VERIFYING USE OF REQUIRED DESIGN MIX.		×	ACI 318: CH. 4, 5.2-5.4	1904.2, 1910.2, 1910.3	EACH TIME FRESH CONCRETE SAMPLED	YES
 AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE. 	x		ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8	1910.10	EACH TIME CONCRETE CYLINDERS TAKEN SEE STRUCTURAL NOTES	YES
 INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES. 	x		ACI 318: 5.9, 5.10	1910.6, 1910.7, 1910.8	EACH TIME FRESH CONCRETE SAMPLED	YES
8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.		×	ACI 318: 5.11-5.13	1910.9	(1) UNANNOUCED INSPECTION FOR EVERY 250 CUBIC YARDS OF CONC. PLACED FOR ENTIRE PROJECT	YES
9. THE INSPECTION OF PRESTRESSED CONCRETE: G. APPLICATION OF PRESTRESSING FORCES. b. GROUTING ON BONDED PRESTRESSING TENDONS	х		ACI 318: 18.20 ACI 318: 18.18.4			МО
IN THE SEISMIC FORCE—RESISTING SYSTEM.	х					
10. ERECTION OF PRECAST CONCRETE MEMBERS.		x	ACI 318: CH. 16		PRIOR TO ENCLOSING	NO
11. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE & PRIOR TO REMOVAL OF SHORES & FORMS FROM BEAMS & STRUCTURAL SLABS.		×	ACI 318: 6.2			YES
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.		x	ACI 318: 6.1.1			YES

IBC 2015 TABLE 1705.6 REQUIRED VERIFICATION AND INSPECTION OF SOILS

	VERIFICATION AND INSPECTION TASK	FREQUENCY (F INSPECTION
		CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
1.	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.		×
2.	VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.		x
3.	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.		×
4.	VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	х	
5.	PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.		x

MATERIALS LEGEND DENOTES EXISTING IN PLAN & SECTION

COMPACTED GLU-LAMINATED LUMBER IN SECTION RIM BOARD VENEER LUMBER IN SECTION CONCRETE IN SECTION RIGID INSULATION GROUT IN SECTION DIMENSION STEEL IN SECTION (SHAPE VARIES) WOOD BLOCKING

LAMINATED
VENEER LUMBER
IN SECTION

I-JOIST IN SECTION

ABBREVIATIONS

AB	BKENATIO	11/2							
ADD'L	-ADDITIONAL	CONT	-CONTINUOUS	GT	-GIRDER TRUSS	NOM	-NOMINAL	SQ	-SQUARE
0	-AT	CONTR	-CONTRACTOR	HS	-HEADED STUD	NIC	-NOT IN CONTRACT	STD	-STANDARD
&	-AND	D BRG	-DECK BEARING	HP	-HIGH POINT	NTS	-NOT TO SCALE	STL	-STEEL
APA	-AMERICAN PLYWOOD	DL	-DEAD LOAD	HK	-HOOK	#	-NUMBER	TEMP	-TEMPERATURE
	ASSOCIATION		-DEGREE	H/C	-HOLLOW CORE PLANK	OC	-ON CENTER	THRU	-THROUGH
AB	-ANCHOR BOLT	DEMO	-DEMOLITION	HSS	-HOLLOW STRUCTURAL SECTION	OPNG	-OPENING	T&G	-TONGUE AND GROOVE
ALT	-ALTERNATE	DET	-DETAIL	HORIZ	-HORIZONTAL	OPP	-OPPOSITE	T&B	-TOP AND BOTTOM
ARCH	-ARCHITECTURAL	0	-DIAMETER	IN	-INCH	OH	-OVER HEAD	TOB	-TOP OF BEAM
BSMT	-BASEMENT	DIM	-DIMENSION	INSUL	-INSULATION	PAF	-POWDER ACTUATED FASTENER	TOC	-TOP OF CONCRETE
ВМ	-BEAM	DWL	-DOWEL	INT	-INTERIOR	/	-PER	TOFTG	-TOP OF FOOTING
BRG	-BEARING	DWG'S	-DRAWNG'S	JNT	-JOINT	PLK	-PLANK	TOM	-TOP OF MASONRY
BIT	-BITUMINOUS	DP	-DRILLED PIER	JST	-JOIST	P	-PLATE	TOP	-TOP OF PIER
BLK	-BLOCK	EA	-EACH	JST BRG	-JOIST BEARING	PW	-PLYWOOD	TOS	-TOP OF STEEL
BLKG	-BLOCKING	E F	-EACH FACE	k	-KIPS (1,000 LBS. = 1 KIP)	PT	-POST TENSION	TOW	-TOP OF WALL
BD BM	-BOND BEAM	E W	-EACH WAY	LVL	-LAMINATED VENEER LUMBER	#	-POUND	TRANS	-TRANSVERSE
BD	-BOARD	E	-EAST	L W	-LIGHT WEIGHT	PSF	-POUNDS PER SQUARE FOOT	TYP	-TYPICAL
BOT	-BOTTOM	ELEC	-ELECTRICAL	LTL	-LINTEL	PSI	-POUNDS PER SQUARE INCH	UNO	-UNLESS NOTED OTHERWS
BLDG	-BUILDING	EL	-ELEVATION	LL	-LIVE LOAD	P/C	-PRECAST	VERT	-VERTICAL
CANT	-CANTILEVER	ELEV	-ELEVATOR	LLH	-LONG LEG HORIZONTAL	R	-RADIUS	FV	-FIELD VERIFY
E	-CENTER LINE	EQ	-EQUAL	LLV	-LONG LEG VERTICAL	REINF	-REINFORCE	WWF	-WELDED WIRE FABRIC
CC	-CENTER TO CENTER	(E)	-EXISTING	LONGIT	-LONGITUDINAL	REQ'D	-REQUIRED	w	-WEST
C	-CHANNEL	EXP JT	-EXPANSION JOINT	MAS	-MASONRY	REV	-REVERSE	W/	-WTH
CIP	-CAST IN PLACE	EXT	-EXTERIOR	M O	-MASONRY OPENING	RD	-ROOF DRAIN	WD	-WOOD
CLR	-CLEAR	F FLR	-FINISHED FLOOR	MAX	-MAXIMUM	RS	-ROUGH SAWN	±	-PLUS OR MINUS
COL	-COLUMN	FT	-FOOT	MECH	-MECHANICAL	SS	-STAINLESS STEEL	1	TEGO OIL MINOS
COMP	-COLUMN -COMPOSITE	FTG	-FOOTING	ML	-MICRO LAMINATED LUMBER	SCHED	-SCHEDULE		
	-CONCRETE	FDN	-FOUNDATION	MIN	-MINIMUM	SEC	-SECTION	1	
		GALV	-GALVANIZED	MISC	-MISCELLANEOUS	SER	-STRUCTURAL ENGINEER OF RECORD	1	
CMU	-CONCRETE MASONRY UNIT	GA	-GAUGE	м	-MOMENT	SHT	-SHEET	1	
	-CONNECTION	GC	-GENERAL CONTRACTOR	MANUF	-MANUFACTURER	SIM	-SIMILAR	1	
CONST			-GLUED LAMINATED LUMBER	N	-NORTH	S	-SOUTH		
CONTR	J - CONTROL JOINT	GYP BD	-CYPSIIM BOARD	1150		CDEC	COCOUCIOATION	1	

MANUF -MANUFACTURER
N -NORTH
NEC -NECESSARY





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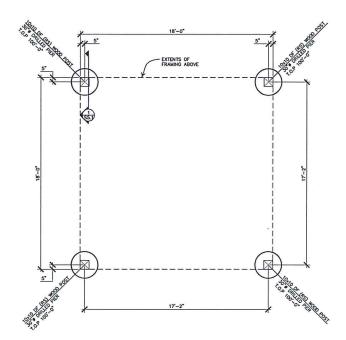
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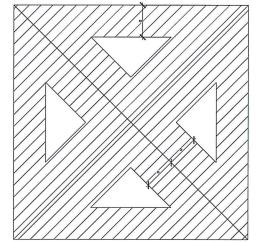
FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

GENENRAL PLAN NOTES

- . SEE SHEET SO.1 FOR STRUCTURAL NOTES
- VERIFY ALL DIMENSIONS & ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE CONSTRUCTION COMMENCES.
- ELEVATIONS ON THE STRUCTURAL DRAWINGS REFER TO THE TOP OF CONCRETE PIERS AS THE REFERENCE ELEVATION SET AT 100"-0".

SIZE	REIN	REINFORCING		
SIZE	VERTICAL	TIES	REMARKS	
30"≠	(10)#8	#3 0 12" C.C.	TYPE A	

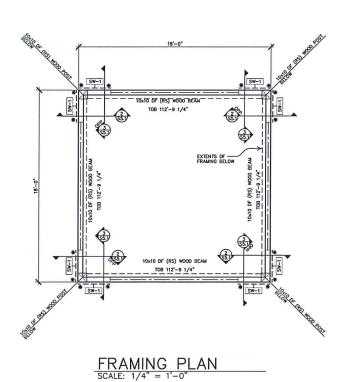




	WIN	D UPLIFT	PRESSU	RES	
			PRESSU	RE (PSF)	
HATCH	WDTH (o)	EFFECTIVE	WND AREA (SQL	IARE FEET)	
naton	WIDTH (0)	0-20	20-50	50-100	>100
	REMAINDER	28	27	26	26
	3'-0"	49	45	40	36
	3'-0"	72	68	62	57

NOTE: WIND UPLIFT PRESSURES SHOWN ARE ULTIMATE GROSS PRESSURES FOR DESIGN OF COMPONENTS AND CLADDING. FOR TRUSS DESIGN, SUBTRACT 8 PSF FROM THE TABLES ABOVE.

WIND UPLIFT PLAN
SCALE: 1/4" = 1'-0"

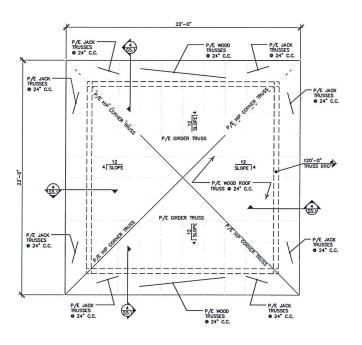


FRAMING PLAN NOTES

- . SEE SHEET SO.1 FOR STRUCTURAL NOTES
- VERIFY ALL DIMENSIONS & ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE CONSTRUCTION COMMENCES.
- ELEVATIONS ON THE STRUCTURAL DRAWINGS REFER TO THE TOP OF CONCRETE PIERS AS THE REFERENCE ELEVATION SET AT 100'-0".
- PIERS AS THE REFERENCE ELEVATION SET AT 100-0".

 STED

 INDICATES 28 WOOD STID SHEAR WALL WALL SHALL BE
 SHEATHED WITH APA 24/16 SPAN RATED SHEATHING 16", THOCK EXPOSURE 1
 (I-SDED). ATTACH SHEATHING 10 SIDDS W/B HAILLS AT 6" CC. AT PANEL
 EDGE, 12" C.C. IN FIELD. PROWDE SOLID BLOCKING AT HORIZONTAL JOINTS IN
 SHEATHING.
- * INDICATES SHEARWALL HOLDOWN, HOLDOWNS SHALL BE SIMPSON DITEZ W/ (2) 2x STUDS FOR ANCHOR POSTS. ATTACH HOLDOWN TO WOOD STUDS W/ (8) SDS ½*1½* SCREWS AND INTO 10X10 DF (RS)MOOD BEAM W/ ½*6x9* L/G SCREW.



ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

ROOF FRAMING PLAN NOTES

- . SEE SHEET SO.1 FOR STRUCTURAL NOTES
- VERIFY ALL DIMENSIONS & ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE CONSTRUCTION COMMENCES.
- ELEVATIONS ON THE STRUCTURAL DRAWINGS REFER TO THE TOP OF CONCRETE PIERS AS THE REFERENCE ELEVATION SET AT 100'-0".
- ALL TRUSS TO TRUSS CONNECTIONS SHALL BE DESIGNED AND PROVIDED BY TRUSS MANUFACTURER.
- ROOF SHEATHING SHALL BE APA 40/20 SPAN RATED SHEATHING ¹½2* THICK (¾* NOMINAL). NAIL SHEATHING WITH 10d COMMON NAIL ® 6°C.C. ® PANEL EDGES (UNBLOCKED) AND 12°C.C. IN FIELD, UNLESS NOTED OTHERMISE.

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PLIFT PLAN

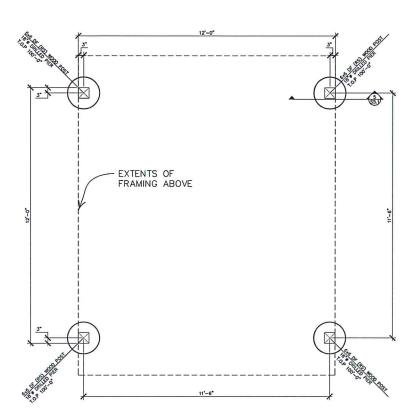
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FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

GENENRAL PLAN NOTES

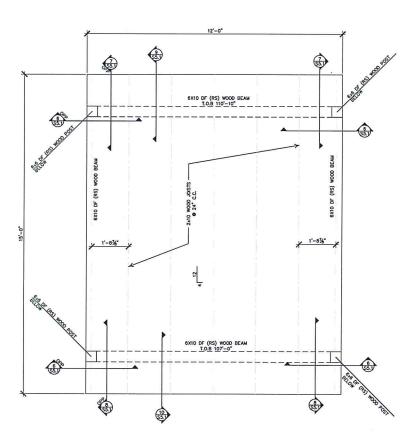
- SEE SHEET SO.1 FOR STRUCTURAL NOTES
- VERIFY ALL DIMENSIONS & ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE CONSTRUCTION COMMENCES.
- ELEVATIONS ON THE STRUCTURAL DRAWINGS REFER TO THE TOP OF CONCRETE PIERS AS THE REFERENCE ELEVATION SET AT 100'-0".

TE PIER	CONCRE	R SC	HEDULE
REINFORCI	SIZE	REMARKS	
RTICAL TI	VER VER	TIES	REMARKS
(6)46 43 0	18"# (3 0 12" C	C. TYPE A
	18"# (ONAL REMARKS: OTTOM OF PIER TO E		



ROOF FRAMING PLAN NOTES

- . SEE SHEET SO.1 FOR STRUCTURAL NOTES
- VERIFY ALL DIMENSIONS & ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE CONSTRUCTION COMMENCES.
- elevations on the structural drawings refer to the top of concrete piers as the reference elevation set at 100'–0".
- ROOF SHEATHING SHALL BE APA 40/20 SPAN RATED SHEATHING 182* THICK (%" NOMINAL). NAIL SHEATHING WITH 10d COMMON NAIL @ 6"C.C. @ PANEL EDGES (BLOCKED) AND 12"C.C. IN FIELD, UNLESS NOTED OTHERWISE.



ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"





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FOUNDATION AND FRAMING PLAN

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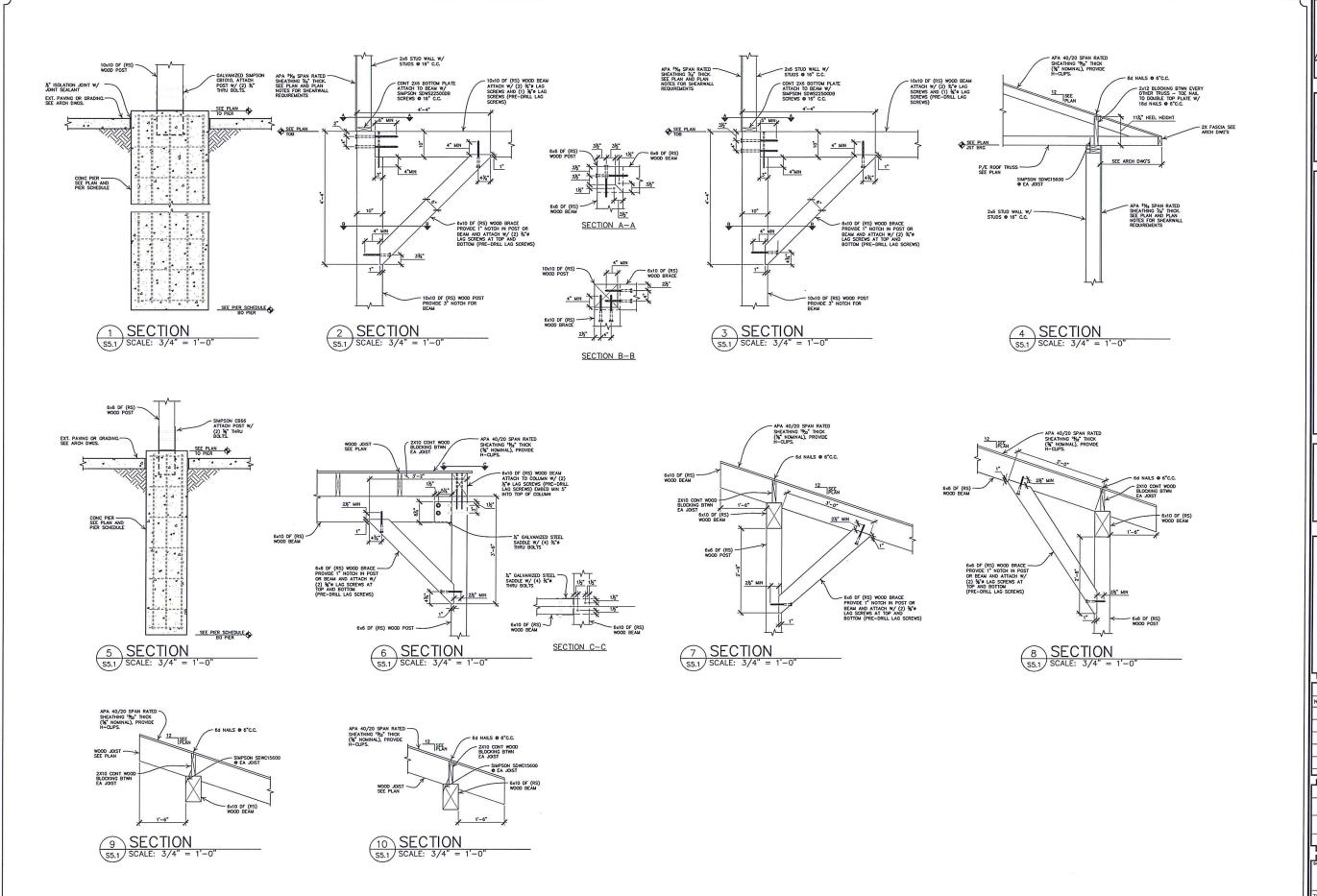
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SECTIONS

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