

DFCM Addendum No.1

	Total Pages:	4
	AE Addendum	3
Content:	Addendum Cover Page	Pages 1
Reference:	UTAH NAVAJO ROYALTIES– NEW ANETH B DFCM Project 19337310	US BARN/WAREHOUSE BUILDING
From:	Guy Wayman-DFCM Project Manager	
То:	Pre-qualified General Contractors	
Date:	October 14, 2020	

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.

1.1 Schedule Changes: No project schedule changes
1.2 General Items: AE Addendum #1 - Dated October 6, 2020

ADDENDUM NO. 1

TO THE PLANS AND PROJECT MANUAL FOR

Aneth Bus Building

HIGHWAY 162 & RIVERSIDE CT BETWEEN ADMIN & HEAD START BUILDINGS ANETH, UTAH 84534

Prepared by:



233 South Pleasant Grove Blvd. Suite 105 Pleasant Grove, Utah 84062 (801) 769-3000 Office (801) 769-3001 Fax

This addendum issued 6 October, 2020, is hereby made a part of the contract documents. It shall be the responsibility of each Contractor to notify his subcontractors of the contents of this addendum. In case of conflict between drawings, specifications and the Addendum, this Addendum shall govern. All changes, corrections, deletions and/or additions to the initial bidding documents shall be included in the bid.

ADDENDUM NO. 1

Aneth Bus Building

HIGHWAY 162 & RIVERSIDE CT BETWEEN ADMIN & HEAD START BUILDINGS ANETH, UTAH 84534

6 October, 2020

Architectural items: Specifications: Drawings: Civil: Landscape: Structural:

S001

1. A soils report has been completed by the owner and is included as part of the construction documents. Revise sheet S001 per the attached revised sheet S001

Mechanical: Electrical:

END OF ADDENDUM NO. 1 – Aneth Bus Building

	1	2	
_	GENERAL STRUCTURAL NOTES	GENERAL CONCRETE NOTES	;
	1. IN ALL CASES, "CONTRACTOR" SHALL REFER TO THE CONTRACTOR OR S	SUB-CONTRACTOR 1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQU	JIF
	RESPONSIBLE FOR THE TRADE SPECIFICALLY REFERRED TO IN THE NO CONCRETE, MASONRY). THE "CONTRACTOR" SHALL MEET ALL NOTE RE SHALL INCLUDE THE COSTS ASSOCIATED WITH THESE REQUIREMENTS	DTES (i.e. STEEL, EQUIREMENTS AND S IN HIS/HER BID. THE ORDINANCES.)18
	GENERAL CONTRACTOR, OR CONSTRUCTION MANAGER, IS ULTIMATEL' COMPLIANCE WITH ALL NOTE REQUIREMENTS.	Y RESPONSIBLE FOR 3. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENS CONCRETE.	SIC
	 THE CONTRACTOR SHALL PERFORM HIS/HER TRADE AND DUTIES IN A M CONFORMING TO THE PROCEDURES AND REQUIREMENTS AS STATED II INTERNATIONAL BUILDING CODE (IBC), AND/OR LATEST CODE ADOPTED BUILDING OFFICIAL, AND ALL LOCAL ORDINANCES. 	MANNER N THE 2018 O BY THE LOCAL 4. CONTRACTOR SHALL COORDINATE WITH MECHANICAL, ELE PRIOR TO PLACING CONCRETE. PROVIDE SLEEVES, BLOCK	EC K (
	3. THE GENERAL CONTRACTOR, OR PROJECT MANAGER, SHALL COORDIN. PERFORMED BY ALL TRADES.	5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PLACE SEISMIC ANCHORS OR STRAPS, ETC INSTALL PER MANUF.	EN AC
	4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND/OR ARCHITECT C DISCREPANCIES, OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS E WORKING DRAWINGS AND/OR THE SPECIFICATIONS BEFORE PROCEEL WORK INVOLVED. IN ALL CASES, UNLESS OTHERWISE DIRECTED, THE M	6. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL FO REQUIRED TO CONSTRUCT ALL CONCRETE WORK. SUCH F SHOWN ON THE STRUCTURAL PLANS OR DETAILS. THE CO FORM WORK AND SHALL INCLUDE THE COST FOR SUCH IN MOST STRINGENT	DF FC NN HI
	REQUIREMENTS SHALL GOVERN AND BE PERFORMED.	7. CONTRACTOR SHALL PROVIDE ALL SHORING AS REQUIRED).
	5. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, SLOP ETC AT THE JOB SITE AND SHALL COORDINATE THESE WITH THE ARCH	8. SEE FOUNDATION PLAN FOR ADDITIONAL NOTES AND REQU	UII
	TRADES. CONSTRUCTION DRAWINGS SHALL NOT BE SCALED FOR DIM		_
	 VISITS TO THE JOB SITE BY REPRESENTATIVES OF THE ENGINEER DO N APPROVAL OF THE WORK PERFORMED BY THE CONTRACTOR OR HIS SU THEY ARE MERELY FOR THE PURPOSE OF OBSERVATION. 	IOT CONSTITUTE UBCONTRACTORS;	
	7. SHOP DRAWINGS FOR ANY FABRICATED COMPONENTS OR COMPONEN DESIGNED-BY-MANUFACTURER SHALL BE APPROVED BY THE ENGINEER PRIOR TO FABRICATION AND ERECTION. SHOP DRAWINGS SHALL BE ST	ITS R AND ARCHITECT TAMPED BY A	· C
_	PROFESSIONAL ENGINEER REGISTERED IN THE SAME STATE AS THE PR 8. THE CONTRACTOR SHALL VERIFY SIZES, LOCATIONS, LOADS, AND EQUI	ROJECT. 11. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONF SPECIFICATIONS ASTM A615 GRADE 60. REINFORCING STEEL IPMENT ANCHORAGE INTO PLACE PRIOR TO PLACING CONCRETE.	FC EL
	OR INSTALLATION OF SUPPORTING STRUCTURES.	12. ALL REINFORCING STEEL SHALL BE DETAILED AND PLACED DETAILING MANUAL AND ACI STANDARDS (LATEST EDITION))).
	 TEMPORARY SHORING (BRACING) SHALL BE PROVIDED WHERE NECESS SHALL SUPPORT ALL LOADS TO WHICH THE STRUCTURE MAY BE SUBJE SHORING SHALL REMAIN IN PLACE AS LONG AS MAY BE REQUIRED FOR ALL THE STRUCTURAL ELEMENTS ARE COMPLETED. ALL SHORING IS TH OF THE CONTRACTOR 	SARY. SHORINGECTED (i.e. WIND).3 SAFETY OR UNTILHE RESPONSIBILITY13. ALL SPLICES IN CONTINUOUS CONCRETE REINFORCING BABARdiaS. ALL SPLICES SHALL BE MADE IN A COMPRESSIONCONTINUOUS REINFORCING SHALL TERMINATE WITH A 90 ECORNER BARS.	۹Ľ ۱Z
	10. DURING AND AFTER CONSTRUCTION, THE CONTRACTOR AND OWNER S	SHALL KEEP LOADS SLABS	
	ON THE STRUCTURE WITHIN THE LIMITS OF THE DESIGN LOADS FOR TH STRUCTURAL PLANS AND CALCULATIONS FOR STRUCTURAL DESIGN LC CRITERIA.	TE OCCUPANCY. SEE OADINGS AND 14. REINFORCE ALL SLABS ON GRADE w/ № 4 BARS AT 18" O.C.	. E.
	11. ANY SPECIAL INSPECTION REQUIRED BY THE CONSTRUCTION DOCUME BUILDING OFFICIAL, OR BY THE IBC, IS THE RESPONSIBILITY OF THE CO	15. RECESS FOUNDATION AND POUR SLABS THROUGH, TYPICA ENTS, OR BY THE STORE FRONT TYPE WINDOWS. SEE FOUNDATION DETAILS DNTRACTOR TO	4L 3.
	COORDINATE ON BEHALF OF THE OWNER.	16. DEPRESS SLABS AS REQUIRED IN AREAS OF CERAMIC TILE, HARDWOOD FLOORS, ETC. COORDINATE LOCATION AND D WITHIN AND	, S)Ef
	ADJACENT TO THE JOB SITE.	17. PROVIDE ISOLATION JOINTS AROUND COLUMNS/SPREAD FO AS REQUIRED, PARTICULARLY WHERE SLABS TRANSITION IN ANY DEVIATION FROM	OC N
	THE STRUCTURAL PLANS AND/OR CONSTRUCTION DOCUMENTS. OPTIC AND VARIATIONS IN THE FRAMING REQUIRE PRIOR APPROVAL OF THE E ARCHITECT AND OWNER. FAILURE TO FOLLOW PLANS AND CONSTRUCT CONSTITUTES CHANGE IN PROJECT SCOPE.	IONAL MEMBER SIZES18. THE CONTRACTOR SHALL TAKE CARE THAT HEAVY EQUIPM STAGING, DOES NOT CRACK AND DAMAGE SLABS ON GRAD REPAIRED OR REPLACED AT NO ADDITIONAL EXPENSE TO TION DOCUMENTSImage: stage of the st	iei De Th
	14. SEE STRUCTURAL PLANS FOR ADDITIONAL STRUCTURAL NOTES AND RE	EQUIREMENTS.	ΤE
	15. THE ENGINEER RESERVES THE RIGHT TO REQUEST REPLACEMENT OF A	ANY PORTION OF THE	
	STRUCTURE DEVIATING FROM THE PLANS WHERE WRITTEN PRIOR APPI BEEN OBTAINED AND WHERE INSPECTION BY THE ENGINEER PRIOR TO THE CHANGED PORTION HAS NOT HAPPENED.	20. SEE FOOTING SCHEDULE FOR FOOTING SIZES AND REINFO)R ✓ SE/
_	16. ALL SITE WORK, GRADING, COMPACTION AND BACKFILL, ETC. SHALL BE COMPLIANCE WITH A GEOTECHNICAL REPORT SPECIFIC TO THE SITE.	E DONE IN	\RI ∕∽ TH
	CONTRACTORS RESPONSIBILITY TO OBTAIN A GEOTECHNICAL REPORT, ALREADY BEEN OBTAINED, AND SUBMIT A COPY TO THE ENGINEER FOR	 FONE HAS NOT IF ONE HAS NOT 23. THE CONTRACTOR SHALL COORDINATE STEPS IN FOOTING 	зS
	17. ALL ANCHORING ADHESIVE SHALL BE SIMPSON SET-XP EPOXY OR HILTI ADHESIVE. ANCHORS SHALL BE INSTALLED PER MANUFACTURERS INST	I HIT-HY200 MAX-SD TRUCTIONS. STRUCTURAL FILL	
	18. ALL NON-EPOXIED POST-INSTALLED ANCHORS TO BE SIMPSON STRONG ANCHORS, TITEN HD SCREW ANCHORS, HILTI KWIK HUS-EZ SCREW ANC BOLT TZ ANCHORS.	G-BOLT 2 WEDGE CHORS, OR HILTI KWIK 24. STRUCTURAL FILL SHALL BE SPECIFIED AND APPROVED BY RECORD, BY WAY OF A GEOTECHNICAL REPORT, AS BEING APPLICATION. STRUCTURAL FILL SHALL BE PROVIDED IN THAREAS AS NECESSARY	' TI Al He
	19. FASTENERS AND ANCHOR BOLTS USED IN PRESERVATIVE-TREATED WO DIPPED ZINC-COATED GALVANIZED STEEL. THE COATING WEIGHTS SHA ACCORDANCE WITH ASTM A 153.	25. STRUCTURAL FILL SHOULD BE PLACED IN LOOSE LIFTS A M FILL SHALL HAVE A MOISTURE CONTENT WITHIN 2% OF OPT COMPACTED TO AT LEAST 95% MAXIMUM DENSITY (ASTM D	1A) TIN 2 1

TES FOR ADDITIONAL REQUIREMENTS.

- ACCORDANCE WITH THE 2018 IBC, ACI 318, AND LOCAL
- ALL CONDITIONS AND DIMENSIONS PRIOR TO PLACING
- ATE WITH MECHANICAL, ELECTRICAL, AND ARCHITECTURAL PROVIDE SLEEVES, BLOCK OUTS, ETC... AS REQUIRED.
- INSIBLE FOR PROPER PLACEMENT OF ALL ANCHOR BOLTS, , ETC.. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- IBLE FOR PROVIDING ALL FORM WORK, POUR STOPS, ETC. CONCRETE WORK. SUCH FORM WORK IS NOT NECESSARILY PLANS OR DETAILS. THE CONTRACTOR SHALL SPECIFY ALL DE THE COST FOR SUCH IN HIS/HER ORIGINAL BID.
- DDITIONAL NOTES AND REQUIREMENTS.
- MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS. LS, AND CONCRETE RETAINING WALLS SHALL HAVE A
- TYPE V SULFATE - RESISTAT CEMENT AND SHALL BE PLACED
- BE DEFORMED BARS CONFORMING TO THE STANDARD ADE 60. REINFORCING STEEL SHALL BE PROPERLY TIED
- BE DETAILED AND PLACED IN ACCORDANCE WITH THE ACI
- ONCRETE REINFORCING BARS SHALL LAP A MINIMUM OF 40 BE MADE IN A COMPRESSION ZONE UNLESS NOTED. ALL ALL TERMINATE WITH A 90 DEG. BEND OR WITH SEPARATE
- ADE w/ № 4 BARS AT 18" O.C. EACH WAY
- JR SLABS THROUGH, TYPICAL AT ALL EXTERIOR DOORS AND
- IN AREAS OF CERAMIC TILE, SPECIAL ENTRY MATS, ORDINATE LOCATION AND DEPTH WITH THE ARCHITECT.
- OUND COLUMNS/SPREAD FOOTINGS, AND CONTROL JOINTS VHERE SLABS TRANSITION IN SIZE.
- CARE THAT HEAVY EQUIPMENT, AND AREAS USED FOR ND DAMAGE SLABS ON GRADE. DAMAGED SLABS SHALL BE ADDITIONAL EXPENSE TO THE OWNER.
- R SPECIFICATION OF ALL EXTERIOR FLAT WORK.
- OOTING SIZES AND REINFORCING REQUIREMENTS ED USING AN ALLOWABLE BEARING PRESSURE. SEE ULATIONS FOR ACTUAL BEARING PRESSURE USED.
- L BEAR BELOW FROST DEPTH. CONTRACTOR TO VERIFY. RDINATE STEPS IN FOOTINGS WITH THE ARCHITECT. AND
- ECIFIED AND APPROVED BY THE SOILS ENGINEER OF CHNICAL REPORT. AS BEING APPROPRIATE FOR THE LL SHALL BE PROVIDED IN THE BUILDING PAD AND PAVEMENT
- PLACED IN LOOSE LIFTS A MAXIMUM OF EIGHT INCHES (8").
- MAXIMUM DENSITY (ASTM D 1557). 26. FOOTINGS SHALL BE SUPPORTED ON UNDISTURBED NATIVE SOILS OR A MIN. OF 18"
- 12" O.C. STRUCTURAL FILL. SLABS ON GRADE SHALL ALSO BE CONSTRUCTED OVER 6" FREE
- 28. CONTRACTOR SHALL EMPLOY THE GEOTECHNICAL ENGINEER TO OBSERVE AND APPROVE

REQUIRED ELEVATIONS.

OBSERVATION BY GEOTECHNICAL ENGINEER.

ELEMENT FOOTINGS

DRAINING BASE.

GENERAL STEEL NOTES

- 1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
- 2. ALL WORK TO BE IN STRICT ACCORDANCE WITH THE 2018 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 (FOR MEZZANINE FRAMING)
- 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. SEE ARCHITECTURAL, MECHANICAL & ELECTRICAL FOR ADDITIONAL STEEL MEMBERS (BRACKETS, ANGLES, ETC...) REQUIRED.
- 19. STEEL MEMBERS SHALL NOT BE CUT, DRILLED OR TORCHED FOR PIPES, ETC. UNLESS SPECIFICALLY DETAILED.
- 20. ANY MODIFICATION OF STRUCTURAL MEMBERS NOT SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS IS NOT PERMITTED WITHOUT PRIOR APPROVAL.
- 21. 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

- . SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
- 2. ALL WORK TO BE IN STRICT ACCORDANCE WITH THE 2018 IBC, NDS, AND LOCAL
- ORDINANCES.
- DIMENSIONAL LUMBER DIMENSIONAL LUMBER USED AS STRUCTURAL
- FRAMING (i.e. JOISTS, RAFTERS, HEADERS) SHALL BE DOUGLAS FIR-LARCH № 2 OR EQUAL.
- OTHERWISE. STUDS SHALL BE SPACED AT 16" O.C. MINIMUM, WITH A DOUBLE TOP PLATE. SPLICES IN THE DOUBLE TOP PLATE SHALL ALTERNATE TOP & BOTTOM AND SHALL LAP 48" MIN. 5. ROUGH CUT TIMBER USED AS STRUCTURAL FRAMING SHALL BE AS SPECIFIED IN THE
- CONSTRUCTION DOCUMENTS. ENGINEERED LUMBER
- 6. GLU-LAMINATED BEAMS FOR SIMPLE SPANS SHALL BE 24F-V4 DF/DF. GLU-LAMINATED BEAMS FOR CONTINUOUS SPANS AND CANTILEVERS SHALL BE 24F-V8 DF/DF. DO NOT INSTALL GLU-LAMINATED BEAMS UPSIDE DOWN. USE EXTERIOR GRADE GLU-LAMS FOR LACATIONS OUTSIDE BUILDING
- LAMINATED VENEER LUMBER AND THE LIKE SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS. LVL BEAMS SHALL BE BUILT UP w/ 1 3/4" MEMBERS. SEE FRAMING PLANS FOR NUMBER OF MEMBERS REQUIRED.
- 8. I-JOISTS SHALL BE TJI OR EQUIVALENT, AND SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS.
- 9. ENGINEERED LUMBER, WITH THE EXCEPTION OF EXTERIOR GRADE GLU-LAMINATED LUMBER.
- 10. USE PRESSURE TREATED LUMBER FOR ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY IN CONTACT WITH EARTH (i.e. MUD SILL). IN SOME SITUATIONS, 26 GAUGE GALVANIZED SHEET METAL MAY BE PROVIDED AS AN APPROVED MOISTURE BARRIER. SEE ENGINEER FOR APPROVAL OF THIS OPTION.

BLOCKING, BRIDGING & MISCELLANEOUS

SHALL NOT BE USED IN EXTERIOR APPLICATIONS.

- 11. DIMENSIONAL JOISTS AND RAFTERS SHALL HAVE FULL-HEIGHT SOLID BLOCKING AT THEIR BEARING POINTS. EACH RAFTER AND/OR ROOF TRUSS SHALL BE ANCHORED WITH SIMPSON H1 ANCHORS AT EACH END.
- 12. I-JOISTS AND RAFTERS SHALL HAVE FULL-HEIGHT SOLID BLOCKING AT THEIR BEARING POINTS. CONNECT EACH BLOCK TO TOP OF EXTERIOR WALLS WITH SIMPSON A34 CLIPS EACH JOIST OR RAFTER SHALL BE ANCHORED WITH SIMPSON H2.5 ANCHORS AT EACH END.
- 13. WOOD MEMBERS SHALL NOT BE CUT FOR PIPES, ETC. UNLESS SPECIFICALLY DETAILED
- 14. BIRDS MOUTHS AND/OR NOTCHING OF STRUCTURAL MEMBERS NOT SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS IS NOT PERMITTED WITHOUT PRIOR APPROVAL.
- COLUMNS & STUDS
- 15. ALL COLUMNS SHALL EXTEND DOWN THROUGH THE STRUCTURE TO THE FOUNDATION. COLUMNS SHALL BE BRACED AT EACH FLOOR LEVEL. COLUMNS SHALL BE AS WIDE AND DEEP AS THE MEMBER THEY SUPPORT IN ORDER TO PROVIDE FULL BEARING.
- 16. STAND ALONE POSTS SHALL BE DOUGLAS FIR-LARCH № 10R EQUAL.
- 17. ALL FLOOR SHEATHING TO BE 3/4" THICK T&G SHEATHING GLUED AND NAILED WITH 10d COMMON NAILS OR EQUAL AT 6" O.C. PERIMETER, 6" O.C. PANEL EDGES AND AT 10" O.C. IN THE FIELD. PANEL EDGES ARE UNBLOCKED UNLESS NOTED OTHERWISE ON THE STRUCTURAL PLANS.
- 18. ALL INDICATED SHEAR WALLS SHALL BE SHEATHED WITH 7/16" APA EXP. 1 RATED SHEATHING OR EQUAL WITH 8d COMMON NAILS AT 6" O.C. EDGES AND AT 12" O.C. IN THE FIELD - FLAT BLOCKED AT ALL PANEL EDGES, UNLESS NOTED OTHERWISE IN SHEAR WALL SCHEDULE.
- **STRUCTURAL CONNECTIONS**
- 19. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE TO PROVIDE ADEQUATE STRUCTURAL CONNECTIONS. CONNECTIONS MUST CARRY THE BEARING CAPACITY OF THE MEMBER AND ANY UPLIFT OR SEISMIC FORCES GENERATED IN THE MEMBER. SPECIAL CONSIDERATION SHALL BE GIVEN TO PREVENT CRUSHING OF THE MEMBER AT BEARING, SPLITTING AND/OR CRACKING OF THE WOOD, AND THE LIKE.
- 20. THE CONTRACTOR SHALL STRICTLY ADHERE TO THE CONNECTION DETAILS SPECIFIED ON THE PLANS OR INCLUDED WITH THE CONSTRUCTION DOCUMENTS. PRIOR APPROVAL IS REQUIRED FOR ANY DEVIATION FROM THE CONSTRUCTION DOCUMENTS.
- 21. SUBSTITUTION OF CONNECTIONS OTHER THAN THOSE SPECIFIED ON THE PLANS REQUIRES PRIOR APPROVAL. THE ENGINEER IS NOT RESPONSIBLE FOR CONNECTIONS NOT APPROVED PRIOR TO CONSTRUCTION OR INSTALLATION.
- 22. IF CONNECTION DETAILS, APPROVED BY THE ENGINEER, HAVE NOT BEEN PROVIDED IN THE CONSTRUCTION DOCUMENTS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO SPECIFY AND PROVIDE ALL STRUCTURAL CONNECTIONS. IF OTHER THAN STANDARD CONNECTIONS ARE REQUIRED, SEE ENGINEER FOR ADDITIONAL ASSISTANCE.
- 23. USE SIMPSON CONNECTIONS OR EQUIVALENT. INSTALL PER MANUFACTURERS SPECIFICATIONS.
- 24. SHOP DRAWINGS FOR ALL FABRICATED STEEL CONNECTIONS SHALL BE SUBMITTED FOR REVIEW & APPROVAL PRIOR TO FABRICATION AND INSTALLATION. SEE GENERAL STEEL NOTES.
- 25. SEE GENERAL CONCRETE NOTES FOR SPECIFICATION OF ANCHOR BOLTS, ETC. IN NO CASE SHALL THE MUD SILL BE NOTCHED FOR THE INSTALLATION OF PLATE WASHERS, OR FOR ANY OTHER REASON.
- 26. ALL STRUCTURAL MEMBERS SHALL HAVE 1 3/4" MINIMUM BEARING.
- 27, FOR ADDITIONAL NAILING PATTERN, SEE SCHEDULES IN THE INTERNATIONAL BUILDING CODE (IBC).
- **STAIR FRAMING**
- 28. STAIR STRINGERS SHALL BE 11 7/8" LVL'S AT 16" O.C. (MAX.) w/ A MAXIMUM HORIZONTAL RUN OF 12'-0". USE 14" LVL UP TO 16'-0" RUN

CONTENT WITHIN 2% OF OPTIMUM AND SHALL BE STRUCTURAL FILL. SEE SITE PLAN FOR FILL REQUIRED TO RAISE THE BUILDING PAD TO

27. SLABS ON GRADE SHALL BE SUPPORTED ON UNDISTURBED NATIVE SOILS OR A MINIMUM OF

THE EXCAVATION PRIOR TO PLACING STRUCTURAL FILL OR FORMING FOOTINGS. CONTRACTOR SHALL ALSO PROVIDE A FIVE FOOT DEEP TRENCH w/ A BACKHOE FOR



4. DIMENSIONAL LUMBER USED FOR STUD WALLS SHALL BE STUD GRADE UNLESS NOTED

	REVISION	DATE
Λ	PLAN REVIEW	MARCH 12, 2020
Δ	SOILS REPORT	OCT. 6, 2020

. . 5,500 PSF (ASSUMED)

DESIGN CRITERIA

- . GOVERNING BUILDING CODE: 2018 INTERNATIONAL BUILDING CODE (IBC)
- 2. FLOOR LIVE LOADING:
- a. STORATE . 125 PSF 3. FLOOR DEAD LOADS: a. FRAMED FLOOR .15 PSF 4. EARTHQUAKE: a. RISK CATEGORY b. SEISMIC DESIGN CATEGORY. . c. SPECTRAL RESPONSE ACCELERATIONS: Ss = 0.165g $S_{DS} = 0.176a$ $S_1 = 0.052g$ d. SOIL SITE CLASS: . $F_{A} = 1.6$ Fv = 2.4f. DESIGN BASE SHEAR. . .CsxW SEISMIC RESPONSE COEFFICIENT, Cs. ..0.027 (MEZZ.) . EQUIV. LATERAL FORCE (MEZZ.) . ANALYSIS PROCEDURE . i. BASIC SEISMIC FORCE RESISTING SYSTEM. . WOOD SHEARWALLS (MEZZ.) RESPONSE MODIFICATION FACTOR, R . . . 6.5 5. WIND: a. BASIC WIND SPEED (3 SECOND GUST) .115 MPH (ULTIMATE) 90 MPH (NOMINAL) b. EXPOSURE c. INTERNAL PRESSURE COEFFICIANT, GC PL . . 0.18 d. COMPONENTS AND CLADDING PRESSURE . VARIES \sim 6. FOUNDATION: a. SOILS REPORT BY. . GEM ENGINEERING DATED . . SEPT. 21, 2020

DEFERRED SUBMITTALS

b. SOIL BEARING PRESSURE.

1. THE CONTRACTOR SHALL SUBMIT THE FOLLOWING DOCUMENTS TO THE ARCHITECT AND ENGINEER OF RECORD FOR REVIEW AND APPROVAL. THE DOCUMENTS MUST BE PREPARED AND STAMPED BY AN ENGINEER LICENSED IN THE STATE OF UTAH. THE DOCUMENTS MAY BE SUBMITTED AFTER THE BUILDING PERMIT IS ISSUED, BUT MUST BE SUBMITTED AND APPROVED PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION OF THE COMPONENTS.

SEISMIC BRACING FOR MEP COMPONENTS b. NON-STRUCTURAL COMPONENTS

	DYNAMIC STRUCTURES 1887 NORTH 1120 WEST PROVO, UTAH 84604 PH: (801) 356-1140 FAX: (801) 356-0001
ANETH CHAPTER, NAVAJO NATION ANETH, UTAH	

DIVISION OF FACILITIES **CONSTRUCTION & MANAGEMENT** 4110 STATE OFFICE BUILDING SALT LAKE CITY, UTAH 84114 PHONE: (801) 538-3018 FAX: (801) 538-3267

PROJECT NO: 19337310

