ABBREVIATIONS

(E)	EXISTING
(F)	FUTURE
(N)	NEW
℄	CENTERLINE
Ø	DIAMETER OR ROUND
⊥	PERPENDICULAR
□	SQUARE
#	NUMBER OR POUND
<	LESS THAN
>	GREATER THAN
≤	LESS THAN OR EQUAL TO
≥	GREATER THAN OR EQUAL TO
@	AT
&	AND
A.B.	ANCHOR BOLT
ABV.	ABOVE
A.C.	ASPHALTIC CONCRETE PAVEMENT
ADJ.	ADJUSTABLE
A.F.F.	ABOVE FINISHED FLOOR
A.F.G.	ABOVE FINISH GRADE
A.F.R.	ABOVE FINISHED ROOF
AGG.	AGGREGATE
A.H.J.	AUTHORITY HAVING JURISDICTION
ALT.	ALTERNATIVE
ALUM.	ALUMINUM
A.O.R.	ARCHITECT OF RECORD
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
BLDG.	BUILDING
BLK.	BLOCK
B.O.	BOTTOM OF
B.O.C.	BOTTOM OF CONCRETE
BOT.	BOTTOM
BM.	BEAM
B.N.	BOUNDARY NAILING
BRG.	BEARING
C.C.	CENTER TO CENTER
CB	CURB
C.I.P.	CAST IN PLACE
C.L.	CENTER LINE
CLR.	CLEAR
C.J.	CONTROL JOINT
C.M.	CORNER OF MASONRY
CMU	CONCRETE MASONRY UNIT
CNTRSK.	COUNTERSUNK
COL.	COLUMN
CONC.	CONCRETE
COND.	CONDITION
CW/	COORDINATE WITH
CONT.	CONTINUOUS
CVR.	COVER
D.	DEEP
D.B.A.	DEFORMED BAR ANCHOR
DET.	DETAIL
DF	DOUGLAS FIR
DFT	DRY FILM THICKNESS
DIA.	DIAMETER
DIAG.	DIAGONAL
DIM.	DIMENSION
DN.	DOWN
DWG.	DRAWING
EA.	EACH
E.J.	EXPANSION JOINT
ELEV.	ELEVATION
ELEC.	ELECTRICAL
E.N.	EDGE NAILING
E.O.R.	ENGINEER OF RECORD
EQ.	EQUAL
EQUIP.	EQUIPMENT
E.W.	EACH WAY
EXP.	EXPANSION
EXT.	EXTERIOR
F	FRONT
F.B.	FLAT BAR
FDN.	FOUNDATION
F.G.	FINISH GRADE
FIN.	FINISH
FL.	FLOOR(ING)
F.O.	FACE OF
F.O.C.	FACE OF CONCRETE OR CURB
F.O.F.	FACE OF FINISH
F.O.M.	FACE OF MASONRY
F.O.S.	FACE OF STUDS
F.F.	FINISHED FLOOR
F.S.	FACE OF SHEATHING
F.T.	FACE OF TRUSS
FT.	FEET
FTG.	FOOTING
FR-	FIRE-RETARDANT WOOD TREATMENT
F.R.P.	FIBER REINFORCED PLASTIC
GA.	GAUGE
GALV.	GALVANIZED
G.F.L.	GUTTER FLOW LINE
G.I.	GALVANIZED IRON OR STEEL
G.L.B.	GLUE LAMINATED BEAM
G.S.	GROUND SHOT
G.S.F.	GROSS SQUARE FOOTAGE
GYP.	GYPSUM
H.	HIGH
H.C.A.	HEADED CONCRETE ANCHOR
H.F.	HANGING FRAME

H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
HR.	HOUR
HSS	HOLLOW STEEL SECTION
HT.	HEIGHT
HVAC	HEATING VENTILATING AND AIR CONDITIONING
I.D.	INSIDE DIAMETER
IN.	INCH
INT.	INTERIOR
L	LEFT
LBS.	POUNDS
L.F.	LINEAL FEET
L.L.H.	LONG LEG HORIZONTAL
L.L.V.	LONG LEG VERTICAL
LSL	LAMINATED STRAND LUMBER
LVL	LAMINATED VENEER LUMBER
MAT'L	MATERIAL
MAX.	MAXIMUM
M.B.	MACHINE BOLT
MECH.	MECHANICAL
MEZZ.	MEZZANINE
M.H.	MANHOLE
MFR.	MANUFACTURER
M.G.	MARINE GRADE
MIN.	MINIMUM
MISC.	MISCELLANEOUS
M.O.	MASONRY OPENING
MT'D.	MOUNTED
MTRL.	MATERIAL
N	NORTH
N.I.C.	NOT IN CONTRACT
N.L.A.	NET LEASABLE AREA
NO.	NUMBER
NOM.	NOMINAL
N.S.	NEAR SIDE
NSF.	NET SQUARE FOOTAGE
NTE	NOT TO EXCEED
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O/H	OVERHEAD
OPNG.	OPENING
OPP.	OPPOSITE
O.S.B.	ORIENTED STRAND BOARD
PLTFM.	PLATFORM
PL.	PLATE
P/L	PROPERTY LINE
P.L.F.	POUNDS PER LINEAL FOOT
PLYWD.	PLYWOOD
P.S.F.	POUNDS PER SQUARE FOOT
PSL	PARALLEL STRAND LUMBER
P.T.	PRESSURE TREATED
PT.	POINT
R	RIGHT
R.	RADIUS OR RISER
R.C.P.	REINFORCED CONCRETE PIPE
RE:	REFER TO, REFERENCE, (CW/)
REINF.	REINFORCING
REQ'D	REQUIRED
RR	REAR
R.O.	ROUGH OPENING
S.A.D.	SEE ARCHITECTURAL DRAWINGS
SCHED.	SCHEDULE
SECT.	SECTION
S.F.	SQUARE FEET OR FOOT
SHT.	SHEET
SIM.	SIMILAR
SL.	SLOPE
S.O.G.	SLAB-ON-GRADE
SPEC'D.	AS SPECIFIED
SPECS.	SPECIFICATIONS
STD.	STANDARD
STL.	STEEL
STRG.	STORAGE
STRUC.	STRUCTURAL
S.S.	STAINLESS STEEL
SUSP.	SUSPENDED
SYM.	SYMMETRICAL
SQ.	SQUARE
T.B.	TOP BANK
T & G	TONGUE & GROOVE
TJI	TRUSS JOIST I-JOIST
THK.	THICKNESS
T.O.	TOP OF
T.O.C.	TOP OF CURB/CONCRETE
T.O.D.	TOP OF DECK
T.O.D.	TOP OF DRAIN
T.O.M.	TOP OF MASONRY
T.O.S.	TOP OF SLAB
T.O.W.	TOP OF WALL
T.S.	TUBE STEEL
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
VERT.	VERTICAL
V.I.F.	VERIFY IN FIELD
W/	WITH
WD.	WOOD
W/O	WITHOUT
W.P.	WEATHERPROOF
W.W.F.	WELDED WIRE FABRIC

STRUCTURAL NOTES

GENERAL:

- GENERAL STRUCTURAL NOTES ARE INTENDED TO HIGHLIGHT OR IN SOME CASES SUPPLEMENT PROJECT SPECIFICATIONS. REFER TO THE PROJECT SPECIFICATIONS FOR COMPLETE WORK COVERAGE. WHERE CONFLICTS BETWEEN GENERAL STRUCTURAL NOTES AND SPECIFICATIONS OCCUR, THE MORE STRINGENT OF THESE SHALL TAKE PRECEDENCE.
- REFERENCE CIVIL DRAWINGS FOR BUILDING LOCATION AND ORIENTATION ON THE SITE.
- THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS ARE RESPONSIBLE FOR COORDINATION OF ALL ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL ELECTRICAL AND PLUMBING WORK. IMMEDIATELY NOTIFY THE STRUCTURAL ENGINEER SHOULD ANY DISCREPANCIES OR CONFLICTS WITH OTHER TRADES BE DISCOVERED.
- COORDINATE LOCATIONS AND SIZES OF BLOCKOUTS, OPENINGS, INSERTS, AND EMBEDDED ITEMS IN CONCRETE AND MASONRY WORK WITH ALL OTHER DISCIPLINES.
- EQUIPMENT OPENINGS SHOWN ON PLAN ARE FOR REFERENCE ONLY. COORDINATE EXACT LOCATIONS, DIMENSIONS AND DETAILS WITH EQUIPMENT MANUFACTURER AND ALL OTHER TRADES.
- THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION WHICH INCLUDE BUT IS NOT LIMITED TO TEMPORARY BRACING AND SHORING.
- CONSTRUCTION LOADS SHALL NOT BE GREATER THAN THE DESIGN LOADS INDICATED IN THE "DESIGN LOADS AND CRITERIA" SECTION UNLESS REVIEWED AND APPROVED BY THE STRUCTURAL ENGINEER.
- DETAIL MARKS ANNOTATED ON PLANS ARE INTEDED TO INDICATED SPECIFIC CONFIGURATIONS AND INFORMATION. FOR PLAN CLARITY, EVERY LOCATION WHERE A SPECIFIC DETAIL MAY APPLY IS NOT ANNOTATED. CONTACT THE STRUCTURAL ENGINEER IF CLARIFICATION IS NEEDED.
- THE CONTRACTOR MUST SUBMIT IN WRITING ANY REQUEST FOR MODIFICATIONS TO THE PLANS AND SPECIFICATIONS. SHOP DRAWINGS SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW DO NOT CONSTITUTE "IN WRITING" UNLESS IS IS CLEARLY NOTED THAT SPECIFIC CHANGES ARE BEING REQUESTED.
- COST ASSOCIATED WITH STRUCTURAL DRAWING CHANGES RESULTING FROM US OF ALTERNATES AND/OR SUBSTITUTIONS (INCLUDING MECHANICAL EQUIPMENT) OR FROM CONSTRUCTION ERRORS IS THE CONTRACTOR'S RESPONSIBILITY.

GOVERNING CODES:

INTERNATIONAL BUILDING CODE, IBC 2015
MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-10
BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE ACI 318-14
BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES, ACI 530-11
STEEL CONSTRUCTION MANUAL, AISC 325-10
NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING - GENERAL PROVISIONS, AISI S200-07
NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION, NDS-2015

DESIGN CRITERIA:

FLOOR

OCCUPANCY	DEAD LOAD (PSF)	LIVE LOAD (PSF)	CONCENTRATED LOAD (LBS)
PUBLIC AREAS	25	100	N/A
STAIRS	15	100	300
MEZZANINE	15	125	N/A

ROOF

OCCUPANCY	DEAD LOAD (PSF)	LIVE LOAD (PSF)	CONCENTRATED LOAD (LBS)
ROOF	17	20	N/A
MECHANICAL EQUIPMENT	SEE PLANS	N/A	PER EQUIPMENT MFR.

SNOW

GROUND SNOW LOAD, Pg	99 PSF
FLAT ROOF SNOW LOAD, Pf	100 PSF (OWNER REQUIREMENT)
EXPOSURE FACTOR, Ce	1.0
IMPORTANCE FACTOR, Is	1.00
THERMAL FACTOR, Ct	1.0

WIND

ULTIMATE DESIGN WIND SPEED, Vult	115MPH
RISK CATEGORY	II
WIND EXPOSURE	C
INTERNAL PRESSURE COEFFICIENT, GCpi	+/- 0.18
COMPONENT AND CLADDING DESIGN PRESSURES	--26.9PSF (ZONE 1), -37.9PSF (ZONE 2), -59.9PSF (ZONE 3) -30.2PSF (ZONE 4), -33.6PSF (ZONE 5)

SEISMIC

RISK CATEGORY	II	
IMPORTANCE FACTOR, Ie	1.00	
MAPPED ACCELERATION PARAMETERS,	Ss	0.436
	S1	0.135
SITE CLASS	D	
DESIGN ACCELERATION PARAMETERS,	Sds	0.422
	Sd1	0.203
SEISMIC DESIGN CATEGORY	D	

GEOTECHNICAL

SOILS INVESTIGATION REPORT AUTHOR	MATERIALS TESTING & INSPECTION
REPORT IDENTIFICATION AND DATE	B180604g DATED: 05/22/2018
DESIGN LOAD BEARING CAPACITY	5000PSF (ON APPROVED SUBGRADE AS INDICATED IN REPORT)
FROST DEPTH	2'-6"
GEOTECHNICAL NOTE	UNCONTROLLED FILL MATERIALS TO EXCAVATED TO A SUFFICIENT DEPTH TO EXPOSE COMPETENT, NATIVE SOILS OR TO A MIN. DEPTH OF 18" BELOW EXISTING GRADE

MATERIALS:

- MATERIALS INDICATED BELOW HAVE BEEN USED AS PART OF THE STRUCTURAL ANALYSIS AND SHALL BE USED UNLESS OTHERWISE NOTED ON PLANS AND/OR DETAILS. REQUESTS FOR SUBSTITUTIONS OR ALTERATIONS TO THE MATERIALS INDICATED MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION OF COMPONENT WHERE MATERIAL WILL BE USED.

CONCRETE

- PERFORM CONCRETE WORK IN ACCORDANCE WITH ACI 301-10 STANDARD "SPECIFICATIONS FOR STRUCTURAL CONCRETE" UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED.
- MIX DESIGNS
  - FOOTINGS:
    PORTLAND CEMENT - ASTM C150, TYPE I/II
    FLY ASH - ASTM C618, 10% TO 25% BY WEIGHT
    WATER/CEMENT (INCLUDES FLY ASH) = 0.50 MAXIMUM
    TOTAL AIR CONTENT = 3.0% MAXIMUM (NON AIR ENTRAINED)
    3/4" NORMAL WEIGHT AGGREGATE
    f'c (28 DAY) = 3500PSI
  - FOUNDATION:
    PORTLAND CEMENT - ASTM C150, TYPE I/II
    FLY ASH - ASTM C618, 10% TO 25% BY WEIGHT
    WATER/CEMENT (INCLUDES FLY ASH) = 0.45 MAXIMUM
    TOTAL AIR CONTENT = 4.5% TO 7.0% (AIR ENTRAINED)
    3/4" NORMAL WEIGHT AGGREGATE
    f'c (28 DAY) = 4000PSI
  - INTERIOR SLAB-ON-GROUND:
    PORTLAND CEMENT - ASTM C150, TYPE I/II
    FLY ASH - ASTM C618, 10% TO 25% BY WEIGHT
    WATER/CEMENT (INCLUDES FLY ASH) = 0.45 MAXIMUM
    TOTAL AIR CONTENT = 3.0% MAXIMUM (NON AIR ENTRAINED)
    3/4" NORMAL WEIGHT AGGREGATE
    f'c (28 DAY) = 4000PSI
- MILD REINFORCING
  - REINFORCING BARS — ASTM A615, GRADE 60; ASTM A706, GRADE 60 WHERE INDICATED TO BE WELDED
  - MECHANICAL SPLICES DS BAR-LOCK COUPLER BY DAYTON SUPERIOR
    WELDED WIRE FABRICASTM A1064, FLAT SHEET MATERIAL, SMOOTH OR DEFORMED WIRE
- REINFORCING BAR COVER (UNLESS OTHERWISE NOTED)
  - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSE TO EARTH — 3"
  - CONCRETE EXPOSED TO EARTH OR WEATHER:
    NO. 6 THROUGH NO. 18 BARS — 2"
    NO. 5 BARS, W31 OR D31 AND SMALLER — 1-1/2"
  - CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH EARTH (SLABS, WALLS AND JOISTS):
    NO. 14 THROUGH NO. 18 BARS — 1-1/2"
    NO. 11 BARS AND SMALLER — 3/4"
  - CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH EARTH (BEAMS AND COLUMNS):
  - PRIMARY REINFORCING, TIES, STIRRUPS OR SPIRALS — 1-1/2"
- SPLICE REINFORCING BARS BY LAPPING ACCORDING TO THE SCHEDULE ON THE DRAWINGS.
- ADD #5x4'-0" DIAGONAL REINFORCING BARS EACH FACE AT ALL OPENING CORNERS AND/OR ADD #5x4'-0" DIAGONAL REINFORCING BARS MID-DEPTH AT ALL RE-ENTRANT SLAB CORNERS, UNLESS OTHERWISE NOTED.
- SECURE ALL REINFORCING IN POSITION WITH CHAIRS BEFORE CONCRETE PLACEMENT EXCEPT THAT CONCRETE DOBIES MAY BE USED TO POSITION SLAB-ON-GROUND REINFORCEMENT. DOWELS SHALL BE TIED IN PLACE PRIOR TO PLACING CONCRETE, DO NOT STAB OR "WET-SET" DOWELS. INSTALL AND SECURE ANCHOR BOLTS, EMBED PLATES, ETC. WITHIN SPECIFIED TOLERANCES PRIOR TO CONCRETE PLACEMENT.
- MECHANICALLY VIBRATE ALL CONCRETE PLACEMENTS EXCEPT SLABS LESS THAN 5" THICK.
- ANCHORS
  - THREADED ANCHOR STUDS — ASTM A108, GRADES 1010 TO 1020, Fu = 61KSI
  - DEFORMED BAR ANCHORS — ASTM A496, Fu = 80KSI
  - HEADED CONCRETE ANCHORS1/2" TO 5/8" DIA., ASTM A108, GRADES 1010 TO 1020, Fu = 65KSI
  - THREADED RODS — ASTM A36 (EXCEPT AT ADHESIVE ANCHORS)
  - ANCHOR RODS — ASTM F1554, GRADE 36
  - EXPANSION ANCHORS — HILTI KWIK BOLT TZ, ICC ESR-1917
  - ADHESIVE ANCHORS — HILTI HY200, ICC ESR-3187
  - SCREW ANCHORS — HILTI KWIK HUS-EZ, ICC ESR-3027

STRUCTURAL STEEL

- DETAIL, FABRICATE AND ERECT STRUCTURAL STEEL IN ACCORDANCE WITH THE FOURTEENTH EDITION OF THE AISC "STEEL CONSTRUCTION MANUAL".
- MEMBERS
  - W AND WT SHAPES — ASTM A992, Fy = 50KSI
  - OTHER ROLLED SHAPES — ASTM A36, Fy = 36KSI
  - PLATES — ASTM A36, Fy = 36KSI
  - HSS (SQUARE OR RECTANGLE)ASTM A500, GRADE B, Fy = 46KSI
  - HSS (ROUND) — ASTM A500, GRADE B, Fy = 42KSI
- CONNECTIONS
  - HIGH STRENGTH BOLTS — ASTM A325N, TYPE 1, UNCOATED (STEEL TO STEEL CONNECTION)
  - WELDS — E70 ELECTRODES
  - NON-SHRINK GROUT — ASTM C1107, NON-METALLIC, f'c (3 DAY) = 4000PSI
  - HIGH STRENGTH BOLTS SHALL BE FULLY TENSIONED. PROVIDE DIRECT TENSION IDICATOR TENSION INDICATING WASHERS), OR "LEJEUNE" TYPE BOLTS (TWIST-OFF BOLTS). COORDINATE BOLT TENSIONING WITH STRUCTURAL ENGINEER AND SPECIAL INSPECTOR.
  - HEADER ANCHOR STUD WELDING MUST CONFORM TO INSTALLATION SPECIFICATIONS PROVIDED BY THE STUD MANUFACTURER.
  - PERFORM SHOP AND FIELD WELDING IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY'S "STRUCTURAL WELDING CODE". ALL WELDERS SHALL HAVE EVIDENCE OF PASSING THE AWS STANDARD QUALIFICATION TESTS. NON-DESTRUCTIVE WELD TESTS MAY BE PERFORMED. DEFICIENT WELDS WILL BE CORRECTED AND RETESTED AT THE CONTRACTOR'S EXPENSE.

COLD FORMED STEEL

- MEMBERS
  - STUDS, TRACKS AND JOISTS — ASTM A653, Fy = 33KSI (43 MIL AND THINNER); ASTM A653, Fy = 50KSI (54 MIL AND THICKER)
- ALL CFS FRAMING ELEMENTS SHALL BE SUPPLIED BY A SINGLE MANUFACTURER.
- PRIMARY STEEL FRAMING ELEMENTS ARE INDICATED ON THE DRAWINGS USING THE DESIGNATION IN ACCORDANCE WITH THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA).
- THE DESIGN INTENT FOR THESE ELEMENTS IS THAT THEY BE ATTACHED TO EACH OTHER AND TO THE STRUCTURE TO BEHAVE AS A SYSTEM. INSTALL ACCESSORY ITEMS SUCH AS ANGLES, CLIPS, STIFFENERS, STRAPS, ETC. AS SPECIFIED BY THE MANUFACTURER TO PROVIDE THE MAXIMUM CAPACITY. ALL ACCESSORIES MAY NOT BE INDICATED ON THE DRAWINGS. INSTALL SUPPLEMENTARY FRAMING, BLOCKING, ETC. TO SUPPORT FIXTURES AND OTHER ITEMS PROVIDED BY OTHER TRADES.
- CONNECTIONS
  - POWDER DRIVEN PINS (PDPs) — HILTI X-C 22P8TH (TO CONCRETE); HILTI H-S (TO STEEL); HILTI X-U (TO MASONRY)
  - FRAMING CONNECTIONS (UNLESS OTHERWISE NOTED):

BOTTOM TRACK TO CONCRETE	(2) 0.145" DIA. PDPs @ 32" O.C.
TOP TRACK TO CONCRETE	(2) 0.145" DIA. PDPs @ 32' O.C.
TOP TRACK TO STEEL FRAMING	(2) 0.145" DIA. PDPs @ 32" O.C.
TOP TRACK TO STEEL ROOF DECK	(2) #8 SCREWS @ 16" O.C.
STUD TO TOP AND BOTTOM TRACK	(1) #8 SCREW EACH SIDE
FLAT BLOCKING TO STUDS	(2) #8 SCREWS EACH STUD

- PROVIDE BUILT-UP HEADERS AND JAMBS FOR ALL OPENINGS AS SCHEDULED. DO NOT USE PUNCHED STUDS FOR BUILT-UP HEADERS, JAMBS AND/OR MULTIPLE STUD COLUMN ASSEMBLIES.

FOUNDATIONS:

- STRUCTURAL DESIGN IS BASED ON OWNER ACCEPTED RECOMMENDATIONS IDENTIFIED IN THE GEOTECHNICAL REPORT.
- FOOTINGS
  PLACE FOOTINGS ON UNDISTURBED, NATURAL, INORGANIC SOILS OR ENGINEERED FILL PLACED OVER UNDISTURBED, NATURAL, INORGANIC SOILS. ACCEPTABLE ENGINEERED FILL MATERIAL SHALL BE AS INDICATED IN THE GOETECHNICAL REPORT. PLACEMENT OF ENGINEERED FILL MATERIAL (LIFT THICKNESS, COMPACTION, ETC.) SHALL BE AS INDICATED IN TEH GEOTECHNICAL REPORT.
- SLABS-ON-GROUND (WITH VAPOR BARRIER)
  PLACE INTERIOR CONCRETE SLABS OVER 10 MIL EXTRUDED POLYOLEFIN MEMBRANE VAPOR BARRIER WITH PERMEANCE NO GREATER THAN 0.018. INSTALL AND SEAL VAPOR BARRIER PER MANUFACTURER'S SPECIFICATIONS OVER A 4" THICK DRAINAGE COURSE OF MINUS 3/4", GRADED FOR COMPACTION WITH <10% PASSING THE #200 SIEVE. PLACE THE DRAINAGE COURSE LAYER ON UNDISTURBED, NATURAL, INORGANIC SOILS OR ON ENGINEERED FILL PLACED OVER UNDISTURBED, NATURAL, INORGANIC SOILS. WHERE SLAB CONTRACTION JOINTS ARE SHOWN ON THE DRAWINGS, CONSTRUCTION JOINTS MAY BE SUBSTITUTED TO ACCOMODATE THE CONTRACTOR'S PLACEMENT STRATEGY.
- SLABS-ON-GROUND (WITHOUT VAPOR BARRIER)
  PLACE INTERIOR CONCRETE SLABS OVER A 4" THICK DRAINAGE COURSE OF MINUS 3/4", GRADED FOR COMPACTION WITH <10% PASSING THE #200 SIEVE. PLACE THE DRAINAGE COURSE LAYER ON UNDISTURBED, NATURAL, INORGANIC SOILS OR ON ENGINEERED FILL PLACED OVER UNDISTURBED, NATURAL, INORGANIC SOILS. WHERE SLAB CONTRACTION JOINTS ARE SHOWN ON THE DRAWINGS, CONSTRUCTION JOINTS MAY BE SUBSTITUTED TO ACCOMODATE THE CONTRACTOR'S PLACEMENT STRATEGY.
- RETAINING WALLS
  BACKFILL AND COMPACT ALL WALLS AS INDICATED IN THE GEOTECHNICAL REPORT. DO NOT BACKFILL WALLS WITH UNBALANCED SOIL LEVELS UNLESS ADEQUATELY SHORED OR PERMANENT FLOOR ELEMENTS ARE INSTALLED AND CONNECTIONS ARE COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SHORING DESIGN AND INSTALLATION.

PRE-INSTALLATION CONFERENCES:

- SCHEDULING AND CONDUCTING PRE-INSTALLATION CONFERENCES IS THE RESPONSIBILITY OF THE CONTRACTOR. MEETING ATTENDEES ARE INDICATED IN THE SPECIFICATIONS. COORDINATE DATE, TIME AND AGENDA ITEMS WITH THE STRUCTURAL ENGINEER AND ALL OTHER ATTENDEES. MEETINGS SHALL BE HELD A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION OF INDICATED ACTIVITIES.
- CONDUCT PRE-INSTALLATION CONFERENCES FOR THE FOLLOWING ACTIVITIES RELATED TO STRUCTURAL SYSTEMS:
  1. FOUNDATIONS.
  2. INTERIOR CONCRETE SLAB-ON-GROUND.
  3. STEEL ERECTION.

DEFERRED SUBMITTAL:

- DEFERRAL OF ANY SUBMITTAL ITEMS SHALL HAVE THE PRIOR APPROVAL OF THE BUILDING OFFICIAL. THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE SHALL LIST THE DEFERRED SUBMITTAL ON CONSTRUCTION DOCUMENTS FOR REVIEW BY THE BUILDING OFFICIAL.
- DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH THE NOTIFICATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND FOUND TO BE IN GENERAL CONFORMANCE TO THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.
- DEFERRED SUBMITTAL ITEMS ARE AS FOLLOWS:
  1. PRE-ENGINEERED ROOF TRUSSES.
  2. PRE-ENGINEERED METAL BUILDINGS (FRAMES AND SUB-FRAMES)

GEOTECHNICAL OBSERVATION:

- GEOTECHNICAL OBSERVATION INDICATED BELOW WILL BE PERFORMED UNDER SEPARATE CONTRACT BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE WHEN REQUIRED BY THE OWNER OR BUILDING OFFICIAL. OBSERVATIONS WILL BE VISUAL AND WILL BE FOR GENERAL CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS. GEOTECHNICAL OBSERVATIONS DO NOT INCLUDE OR WAVE THE RESPONSIBILITIES FOR SPECIAL INPSECTIONS INDICATED:
  1. SITE CLEARING OR GRADING OPERATIONS COMMENCE.
  2. STRIPPING OR DELETERIOUS MATERIAL, OVER EXCAVATION OF EXISTING FILLS OR LOOSE / SOFT SOILS.

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ADAMS COUNTY COMMUNITY CENTER

MICHIGAN STREET
COUNCIL, IDAHO

SE18-195

Date:	09/19/2018
Drawn By:	TJN
Checked By:	JMR/DNS

Revisions

S0

GENERAL STRUCTURAL NOTES

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