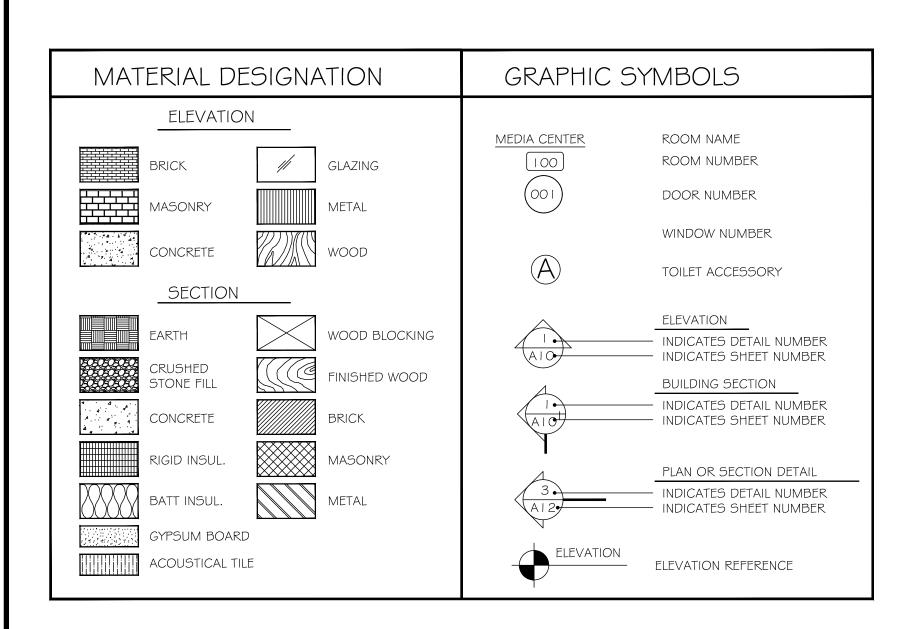
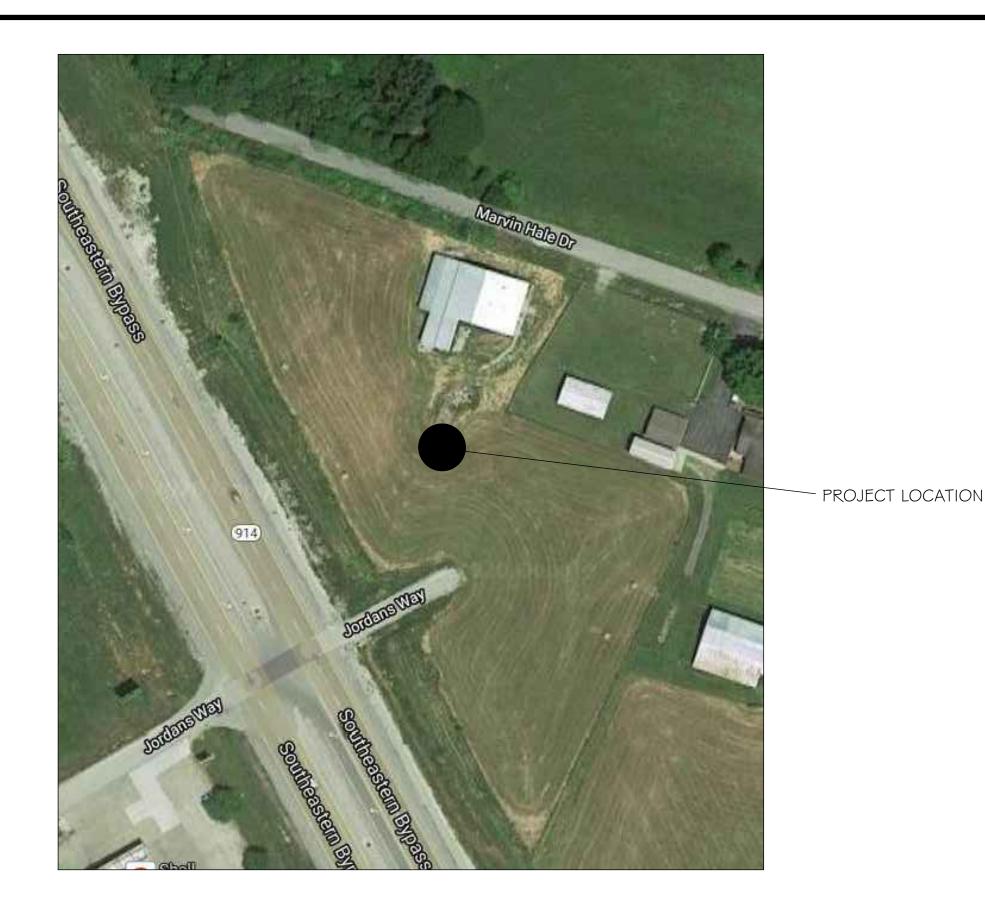
STANDARDS:





SE WATER OFFICE
PIPE STORAGE
BUILDING (C) \$ (D)
PULASKI CO. KY

INDEX TO DRAWINGS

CS ----- COVER SHEET
CIVIL DWGS.
GI.O ------ PLAN DATA
G2.O ------ PLAN DATA
G3.O ------ SPECIFICATIONS
SI.O ------ FOUNDATION PLAN BUILDING (C)
SI.OI ---- FOUNDATION PLAN BUILDING (D)
SI.I ----- FOUNDATION DETAILS
SI.2 ----- FOUNDATION DETAILS
AI.O ------ FLOOR PLAN BUILDING (C)
AI.OI ---- FLOOR PLAN BUILDING (D)
A2.O ------ ELEVATION VIEWS BUILDING (D) \$ SECTION VIEW

ABBREVIATIONS RETURN AIR JANITOR'S CLOSET DWG DRAWING ANCHOR BOLT JOINT ROOF DRAIN JOIST RECEPT RECEPTACLE AIR CONDITIONING ADJ REFRIGERATOR ADJACENT ABOVE FINISHED FLOOR KIT ELECT ELECTRIC REINF REINFORCING REQ REQUIRED ALTERNATE ELEVATION ALUM/AL ALUMINUM RM ROOM EQUAL LAV LP LOC LG LT RO ROUGH OPENING AUXILIARY LAVATORY EQUIP EQUIPMENT EACH WAY LOW POINT RIGHT OF WAY E.W. BOTTOM OF LOCATE EXTERIOR BOARD LONG SHT SHEET BLK'G BLOCKING LIGHT FCO LTL LINTEL SIM SIMILAR BEAM FD FLOOR DRAIN SPEC SPECIFICATIONS LAMINATE VENEER LUMBER BOT/BOTT BOTTOM LVL FIRE EXTINGUISHER SQUARE BFARING BRZ MAS STL BRONZE MASONRY FLR FLOOR STEEL STRUCT STRUCTURAL MAX MAXIMUM FND FOUNDATION CENTERLINE MC MEDICINE CABINET FOM FACE OF MASONRY SYSTEM C./COND. MECH MECHANICAL CONDUIT FOS FACE OF STUD CHAMFER MIN MINIMUM F.A.P. TONGUE AND GROOVE FIRE RATED PANELING TREADS CEILING MICRO LAM FS FLOOR SINK MM MO MTD MTL CLO CLR CLOSET MILLIMETER (S) TELEPHONE CLEAR (ANCE) THICK MASONRY OPENING FTG FOOTING CENTIMETER(S) TOS TOP OF SLAB MOUNTED CONCRETE MASONRY UNIT TELEVISION METAL COL TYPICAL COLUMN GALV GALVANIZED CONC CONCRETE GENERAL CONTRACTOR CONN NIC NOT IN CONTRACT VEN VENEER CONNECTION GLASS CONT CONTINUOUS NTS NOT TO SCALE GPM GALLONS PER MINUTE VERT VERTICAL VESTIBULE **VEST** CONTR CONTRACTOR OC ON CENTER
OH OVERHANG
OTS OWNER TO SPECIFY CSMT CASEMENT WINDOW GYPSUM VENT THRU ROOF CERAMIC TILE CTR CENTER HOSE BIBB WATER CLOSET COLD WATER HOLLOW CORE >/PL WCO WALL CLEAN OUT HEAVY DUTY PARKING DIAMETER, PHASE HDR HEADER WD WOOD PLYWD PLYWOOD WATER HEATER DIAMETER, DIAGRAM HORIZ HORIZONTAL PER LINEAR FOOT WIB WALK IN BOX HEIGHT POS POINT OF SALE WATER PROOF DBL DOUBLE HOT WATER POUNDS PER SQ. FOOT WELDED WIRE FABRIC DRINKING FOUNTAIN WWF HORSE POWER/HIGH POINT POUNDS PER SQ. INCH DIM WELDED WIRE MESH DIMENSION PRESSURE TREATED DEAD LOAD INTERIOR DESIGN PTN PARTITION XO SLIDING WINDOW UNIT DOOR INSUL INSULATION PVC POLYVINYL CHLORIDE DRIVE-THRU INTERIOR DETAIL



Engineering for
Architectural • Mechanical
Systems

Eric N. Wooldridge, P.E. 512 Hwy 300 Stanford, KY 40484 606.365.8070 606.669.0612 (cell) eric.wds@gmail.com

SOUTH CENTRAL DESIGNS INC.

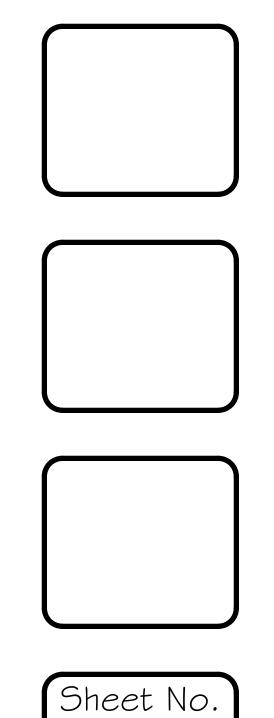
DRAFTING & PLANNING SERVICES

BENTON FUDGE

209 BURKESVILLE ST. COLUMBIA KY 42728

BFUDGE.SCD@GMAIL.COM

270-380-1910



BUILDING CODE EVALUATION - STORAGE BUILDING "C"

LOCATION: PULASKI COUNTY, KY DATE OF REVIEW: 12.15.20 CLASSIFIED AS TYPE II-B PER 602.1 CONSTRUCTION TYPE: FACILITY AREA: 1488 SF 186 FT **FACILITY PERIMETER:** AUTOMATIC SPRINKLER REQUIRED?: FULLY SPRINKLED: Y/N? NO, < 500 PPL . 1 STORY ONLY, & NO AMBULATORY CARE FIRE ALARM REQUIRED PER 907: ALLOWABLE AREA PER IBC T506.2: 26,000 SF 55 FT ALLOWABLE HEIGHT PER IBC T504.3: ALLOWABLE NUMBER OF STORIES PER IBC T504.4 3 STORY AREA MODIFICATIONS PER IBC 506: 506.2 SPRINKLING PERCENTAGE INCREASE: 506.3 FRONTAGE INCREASE: TABLE 601 FIRE RATING REQUIREMENTS: (CLASSIFIED TYPE II-B) -STRUCTURAL FRAME: 0 HRS -BEARING WALLS EXTERIOR 0 HRS -BEARING WALLS INTERIOR: 0 HRS -NONBEARING WALLS/PARTITIONS EXT (T602): 0 HRS -NONBEARING WALLS/PARTITIONS INT: 0 HRS -FLOOR CONSTRUCTION: 0 HRS -ROOF CONSTRUCTION: 0 HRS **FACILITY FIRE SEPARATION DISTANCE:** 10 FT OR GREATER ON ALL SIDES FIRE RATING REQUIREMENTS FOR EXTERIOR WALLS. PER TABLE 602: OCCUPANCY USE GROUP IBC CHAP 3: 500 GROSS SF/PERSON OCCUPANT LOADING PER IBC T1004.1.2: FINAL OCCUPANT LOADING: 3 OCCUPANTS REQUIRED SEPARATION OF MIXED OCCUPANCIES (T508.4): FIRE AREA SEPARATION OF MIXED OCCUPANCIES (T707.3.10): NA MAXIMUM ALLOWABLE EGRESS TRAVEL 75 FT (WITHOUT SPRINKLER) DISTANCE KBC T1006.2.1: MAXIMUM ALLOWABLE EXIT ACCESS TRAVEL 200 FT (WITHOUT SPRINKLER) DISTANCE KBC T1017.2 NUMBER OF CORRIDORS:

BUILDING CODE EVALUATION - STORAGE BUILDING "D"

LOCATION:	PULASKI COUNTY, KY
DATE OF REVIEW:	12.15.20
CONSTRUCTION TYPE:	CLASSIFIED AS TYPE II-B PER 602.1
FACILITY AREA:	1200 SF
FACILITY PERIMETER:	160 FT
AUTOMATIC SPRINKLER REQUIRED?:	NO
	NO
FULLY SPRINKLED: Y/N?	
FIRE ALARM REQUIRED PER 907:	NO, < 500 PPL . 1 STORY ONLY, & NO AMBULATORY CARE
ALLOWABLE AREA PER IBC T506.2:	26,000 SF
ALLOWABLE HEIGHT PER IBC T504.3:	55 FT
ALLOWABLE NUMBER OF STORIES PER IBC T504.4	3 STORY
AREA MODIFICATIONS PER IBC 506:	
	NΙΔ
506.2 SPRINKLING PERCENTAGE INCREASE:	NA
506.3 FRONTAGE INCREASE:	NA
TABLE 601 FIRE RATING REQUIREMENTS:	(CLASSIFIED TYPE II-B)
-STRUCTURAL FRAME:	0 HRS
-BEARING WALLS EXTERIOR:	0 HRS
-BEARING WALLS INTERIOR:	0 HRS
-NONBEARING WALLS/PARTITIONS EXT (T602):	0 HRS
-NONBEARING WALLS/PARTITIONS INT:	0 HRS
-FLOOR CONSTRUCTION:	0 HRS
-ROOF CONSTRUCTION:	0 HRS
neer concinconon.	0.1110
FACILITY FIRE SEPARATION DISTANCE:	10 FT OR GREATER ON ALL SIDES
FIRE RATING REQUIREMENTS FOR	
EXTERIOR WALLS, PER TABLE 602:	0
EXTENION WALLO, I EN TABLE 002.	
OCCUPANCY USE GROUP IBC CHAP 3:	S-2
OCCUPANT LOADING PER IBC T1004.1.2:	500 GROSS SF/PERSON
COOO! ANT ECADINOT EN IDO 11004.1.2.	300 GROOD OF A EROON
FINAL OCCUPANT LOADING:	3 OCCUPANTS
REQUIRED SEPARATION OF MIXED OCCUPANCIES (T508.4):	NA
FIRE AREA SEPARATION OF MIXED OCCUPANCIES (T707.3.10):	NA
MAXIMUM ALLOWABLE EGRESS TRAVEL	
DISTANCE KBC T1006.2.1:	75 FT (WITHOUT SPRINKLER)
MAXIMUM ALLOWABLE EXIT ACCESS TRAVEL	
DISTANCE KBC T1017.2	200 FT (WITHOUT SPRINKLER)
NUMBER OF CORRIDORS:	0
RESULTANT CORRIDOR FIRE RESISTANCE RATING	
PER KBC T1020.1:	NA
FLIX NDC 1 1020.1.	IVA

ENVIRONMENTAL SERVICES AND HAZARDOUS HANDLING & MATERIALS

- 1. THIS ENGINEER DOES NOT PROVIDE ANY ENVIRONMENTAL ENGINEERING OR SUCH RELATED CONSULTATION AND OR REPORTING SERVICES AND SHALL NOT BE IDENTIFIED BY THE OWNER OR CONTRACTOR IN ANY FASHION THAT WOULD IMPLY SUCH SERVICES WERE PROVIDED OR ARE TO BE PROVIDED BY THIS ENGINEER.
- 2. NO PROJECT ENVIRONMENTAL REPORT FOR ANY HAZARDOUS MATERIALS, INCLUDING CONTAMINATED RUNOFF, IMPROPER STORAGE, RADON, SPILLED CHEMICALS, U.S.T.'S, ETC. WAS PROVIDED BY THE OWNER TO ENGINEER, THEREFORE, THIS ENGINEER ASSUMES NO LIABILITY SHOULD ANY CONDITION ARISE THAT COULD HAVE BEEN DISCOVERED OR PREVENTED HAD SUCH INVESTIGATIONS BEEN CONDUCTED.
- 3. THIS ENGINEER AND HIS CONSULTANT(S) HAVE NO PROFESSIONAL LIABILITY FOR ANY CLAIMS REGARDING HAZARDOUS MATERIALS, HAZARDOUS MATERIALS STORAGE, OR THE FAILURE OF THE OWNER OR CONTRACTOR TO OBTAIN SUCH PROFESSIONAL SERVICES AND TO INVESTIGATE OR REMEDIATE THE PRESENCE OF SAID MATERIALS.

USE OF PREMISES AND CONTRACTOR RESPONSIBILITIES

- 1. CONSTRUCTION OPERATIONS ARE TO BE LIMITED TO AREAS DESIGNATED ON DRAWINGS
- VERIFY TIME RESTRICTIONS WITH OWNER AND GOVERNING BODIES. IT IS THE COMPLETE RESPONSIBILITY OF THE CONTRACTOR AND OWNER TO SET ATTAINABLE TIME RESTRAINTS FOR A SUCCESSFUL JOB.
- 3. GENERAL CONTRACTOR IS TO ASSUME FULL RESPONSIBILITY FOR THE PROTECTION AND SAFEKEEPING OF PRODUCTS STORED ON THE SITE
- WHERE APPLICABLE COORDINATE USE OF PREMISES FOR WORK WITH THE LANDLORD AND/OR OWNER PRIOR TO COMMENCEMENT OF WORK.
- COMMENCEMENT OF WORK.
- LIMIT USE OF SITE FOR WORK AND STORAGE TO AREAS DESIGNATED UNLESS SPECIFIC ADDITIONAL AREAS ARE ALLOWED IN WRITING BY THE OWNER AND/OR LANDLORD.
- 6. TEMPORARY SANITARY FACILITIES FOR WORKERS OF ALL TRADES SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE GENERAL CONTRACTOR. IF "CONTRACTOR-USE" FACILITIES DO NOT EXIST ON SITE. PERMANENT TOILETS INSTALLED ON THE PROJECT SHALL NOT BE USED DURING THE CONSTRUCTION OF THIS PROJECT. ALL FACILITIES AND SERVICES SHALL BE FURNISHED IN STRICT ACCORDANCE WITH EXISTING GOVERNING HEALTH REGULATIONS.

GEOTECHNICAL REPORT

GIVEN THE SITE CLASS D CONSIDERATIONS OF THE PEMB ASSOCIATED WITH THIS PROJECT AND THIS SITE, AND RESULTING SEISMIC DESIGN CATEGORY "C" VALUE, PER THE PREVAILING KY BUILDING CODE, THIS PROJECT REQUIRES A SITE GEOTECHNICAL REPORT WHICH IS TO BE PROVIDED BY OTHERS. THE OWNER AND/OR CONTRACTOR ARE TO CONSULT W/ THE BUILDING CODE AUTHORITY HAVING JURISDICTION REGARDING SUCH A REPORT AND VALIDATION OF ITS RESULTS IN RELATION TO THE FOUNDATION DESIGN, WHICH IS ALSO TO BE PROVIDED BY OTHERS.

SPECIAL INSPECTIONS

REQUIRED SPECIAL INSPECTIONS HAVE BEEN PROVIDED FOR THIS PROJECT AS SHOWN. SUCH PROFESSIONAL SERVICES ARE THE FULL RESPONSIBILITY OF THE CONTRACTOR, AS WELL AS PROVIDING TO THE OWNER, THE ENGINEER, AND THE BUILDING CODE AUTHORITY HAVING JURISDICTION THE OFFICIAL REPORTS FROM THE SPECIAL INSPECTION ENTITY IN A TIMELY MANNER.

ENERGY RELATED EXEMPTION

RESULTANT CORRIDOR FIRE RESISTANCE RATING

METAL BUILDING REQUIREMENTS

1. TYPE IV OCCUPANCY CATEGORY (ESSENTIAL SERVICE)

3. SEE OTHER NOTES FOR INSULATION REQUIREMENTS

4. PEMB MANUFACTURER MUST ACCOUNT FOR ANY AND ALL

ADDITIONAL AND IMPOSED LOADS ASSOCIATED WITH SNOW DRIFTS

AND REFLECT THESE LOADS. PEMB PLANS THAT DO NOT REFLECT

5. THE PEMB ROOF FINISH MUST BE A LIGHT, REFLECTIVE COLOR

WIND LOADS, SEISMIC LOADS, ETC. PEMB SEALED PLANS MUST NOTE

THESE CONDITIONS ARE TO BE REJECTED BY OWNER AND AUTHORITY

2. COLLATERAL LOAD OF 1.5 PSF MIN.

HAVING JURISDICTION

PER KBC T1020.1:

AS THIS FACILITY WILL REMAIN UNENCLOSED AND UNCONDITIONED. NO HEATING OR COOLING EQUIPMENT WILL BE INSTALLED OR USED WITHIN ITS ENVELOPE. THEREFORE, PURSUANT TO THE PREVAILING KY ENERGY CODE (IBC 2012-IECC 2012) C101.5.2-EXEMPTION 2, THE OWNER REQUESTS THAT THIS FACILITY BE CONSIDERED A LOW ENERGY BUILDING, AND THEREBY BE EXEMPT FROM THE BUILDING THERMAL ENVELOPE PROVISIONS OF THIS CODE

INDEMNIFICATION STATEMENT

BY ACCEPTING THESE PLANS AND AGREEING TO UNDERTAKE THE WORK REPRESENTED THEREIN, THE GENERAL CONTRACTOR, ANY SUB CONTRACTOR, ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY ANY OF THEM AGREES TO AND ACKNOWLEDGES THE FOLLOWING:

- 1. THE GENERAL CONTRACTOR AND/OR ANY OTHER CONTRACTOR/SUB CONTRACTOR EMPLOYED ON THIS PROJECT SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER AND THE ENGINEER AND THEIR AGENTS AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES, AND EXPENSES INCLUDING TIME, MATERIALS, AND ATTORNEY'S FEES ARISING OUT OF OR RESULTING FROM THE PERFORMANCE OF THE WORK, PROVIDED THAT ANY SUCH CLAIM, DAMAGE, LOSS, OR EXPENSE (A) IS ATTRIBUTED TO BODILY INJURY, SICKNESS, DISEASE, OR DEATH, OR TO OR DESTRUCTION OF TANGIBLE PROPERTY (INCLUDING THE WORK ITSELF) INCLUDING THE LOSS OF USE RESULTING THEREFROM AND (B) IS CAUSED IN WHOLE OR IN PART BY ANY NEGLIGENT ACT OR OMISSION OF THE CONTRACTOR, ANY SUB CONTRACTOR, ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY ANY OF THEM, REGARDLESS OF WHETHER OR NOT IT IS CASED IN PART BY A PARTY INDEMNIFIED HEREIN.
- 2. IN ANY AND ALL CLAIMS AGAINST THE OWNER OR THE ENGINEER OR ANY OF THEIR AGENTS OR EMPLOYEES BY ANY EMPLOYEE OF THE CONTRACTOR, ANY SUB CONTRACTOR, ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY ANY OF THEM OR ANYONE FOR WHOSE ACTS ANY OF THEM MAY BE LIABLE, THE INDEMNIFICATION OBLIGATION UNDER THIS STATEMENT SHALL NOT BE LIMITED IN ANY WAY BY ANY LIMITATION ON THE AMOUNT OR TYPE OF DAMAGES, COMPENSATION, OR BENEFITS PAYABLE BY OR FOR THE CONTRACTOR OR ANY SUB CONTRACTOR UNDER WORKMAN'S COMPENSATION ACTS, DISABILITY BENEFITS ACTS, OR OTHER EMPLOYEE BENEFITS ACTS.
- 3. THE OBLIGATIONS OF THE CONTRACTOR UNDER THIS STATEMENT SHALL NOT EXTEND TO THE LIABILITY OF THE ENGINEER, HIS AGENTS, OR EMPLOYEES ARISING OUT OF (1) THE PREPARATION OR APPROVAL OF MAPS, DRAWINGS, OPINIONS, REPORTS, SURVEYS, CHANGE ORDERS, DESIGNS, OR SPECIFICATIONS, OR (2) THE GIVING OF OR THE FAILURE TO GIVE DIRECTIONS OR INSTRUCTIONS BY THE ENGINEER, HIS AGENTS OR EMPLOYEES PROVIDED SUCH GIVING OR FAILURE TO GIVE IS THE PRIMARY CAUSE OF THE INJURY OR DAMAGE.

DESIGN NOTES, LIABILITIES, & CONDITIONS

- 1. ANY INFORMATION, DETAILS, DRAWINGS, SPECIFICATIONS, OR OTHER CONSTRUCTION OR PERMITTING INFORMATION, PROVIDED IN RELATED DOCUMENTS THAT DO NOT CONTAIN THE PROFESSIONAL SEAL DIRECTLY ASSOCIATED WITH WDS IS THE FULL RESPONSIBILITY/LIABILITY OF OTHERS.
- 2. WHERE SPECIFIC BRAND AND/OR MODEL NAME AND NUMBERS ARE PROVIDED FOR COMPONENTS, ASSOCIATED WITH THIS PROJECT, ANY SUBSTITUTIONS MUST BE CONFIRMED BY PUBLISHED MANUFACTURER DATA THAT SUCH ARE EQUAL OR GREATER IN CAPACITY TO THOSE THAT ARE SPECIFIED. SUCH CONFIRMATION OR APPROVAL IS TO BE PROVIDED BY OTHERS.
- 3. ALL SHOP DRAWINGS MUST BE CHECKED AND STAMPED BY THE CONTRACTOR PRIOR TO SUBMISSION. ANY SHOP DRAWINGS SUBMITTED BY CONTRACTOR WITHOUT SUCH APPROVAL AND LEGIBLE STAMP WILL BE REJECTED WITH NO ACTION TAKEN
- 4. IT IS TO BE FULLY UNDERSTOOD BY ALL RELATED PARTIES THAT THIS ENGINEER AND HIS CONSULTANTS ARE IN NO WAY RESPONSIBLE FOR THE SAFETY OF THE WORK SITE DURING ANY STAGE OF CONSTRUCTION.
- 5. THE OWNER, CONTRACTOR, AND ALL SUB CONTRACTORS HAVE THE LEGAL AND PROFESSIONAL RESPONSIBILITY TO FULLY REVIEW AND ADHERE TO THE PLANS AND SPECIFICATIONS PROVIDED WITHIN THESE DOCUMENTS. IF ANY ISSUES OR DISCREPANCIES ARE DISCOVERED IN THE FIELD, IN PREPARATION FOR THE WORK, OR DURING THE WORK, THIS ENGINEER IS TO BE NOTIFIED IMMEDIATELY FOR MEDIATION. SAID DISCREPENCIES/ISSUES ARE NOT TO BE ADDRESSED BY THE OWNER, CONTRACTOR, OR SUB CONTRACTORS WITHOUT WRITTEN APPROVAL FROM THIS ENGINEER.
- 6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE WORK SITE ADHERES TO ALL SPECIFICATIONS AND GUIDELINES OF APPLICABLE GOVERNING BODIES SUCH AS OSHA AND OTHERS. FURTHER, THE ENGINEER AND HIS CONSULTANTS WILL NOT BE RESPONSIBLE FOR, NOR HAVE CONTROL OVER, NOR BE IN CHARGE OF THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR THE SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. FURTHER, THE ENGINEER AND HIS CONSULTANTS WILL NOT BE RESPONSIBLE FOR FAILURE OF THE CONTRACTOR TO PERFORM THE WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONSTRUCTION DRAWINGS, SPECIFICATIONS, AND/OR CONTRACTS, OR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS OR THEIR AGENTS OR EMPLOYEES OR ANY OTHER PERSONS OR ENTITIES PERFORMING PORTIONS
- 7. IT IS THE RESPONSIBILITY OF THE CONTRACTOR THAT ALL CONSTRUCTION AND SHALL ADHERE FULLY TO APPLICABLE STATE AND LOCAL BUILDING CODES. IF ANY QUESTION AS TO SAID COMPLIANCE ARISE IN THE FIELD, THIS ENGINEER IS TO BE NOTIFIED IMMEDIATELY.
- 8. WOOLDRIDGE DESIGN SERVICES PLLC (WDS) AND ITS CONSULTANTS ARE ENTITLED TO RELY ON AND TRUST ALL INFORMATION AND DATA PROVIDED BY THE OWNER AND THEIR AGENTS IN THE EXECUTION OF PROFESSIONAL SERVICES. WHERE INFORMATION IS LATER FOUND TO BE INCONSISTENT OR INCORRECT DUE TO NEGLIGENCE OR FAILURE TO PROVIDE INFORMATION IN A TIMELY MANNER BY THE OWNER AND THEIR AGENTS, WDS IS NOT LIABLE OR RESPONSIBLE FOR CORRECTIONS, REVISIONS, OR DAMAGES. WDS IS ENTITLED TO EQUITABLE COMPENSATION WERE REVISIONS, CORRECTIONS, OR OTHER SERVICES ARE REQUIRED DUE TO NEGLIGENCE OR FAILURE TO PROVIDE INFORMATION IN A TIMELY MANNER BY THE OWNER OR THEIR AGENTS.
- 9. BY ACCEPTANCE AND USE OF THESE DRAWINGS, SPECIFICATIONS, AND OTHER DOCUMENTS FOR THE PURPOSES OF THEIR WORK, THE OWNER AND CONTRACTOR FULLY ACKNOWLEDGE AND AGREE TO ALL THE ABOVE STATEMENTS.

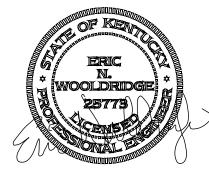
SPECIAL INSPECTIONS PER CHAPTER 17 OF THE KENTUCKY BUILDING CODE - MAINTENANCE BUILDING

SECTION	<u>ITEM</u>	REQUIRED? YES NO	<u>REMARKS</u>
1704.6.1 1704.6.2 1704.2.5 1705.2 1705.3 1705.4 1705.5 1705.6	STRUCTURAL OBSERVATIONS-SEISMIC STRUCTURAL OBSERVATIONS-WIND FABRICATOR STEEL-FABRICATION ANCHORING SYSTEM CONCRETE MASONRY WOOD SOILS	X	NOT SDC D, E, OR F NOT RISK CAT III OR IV REQUIRED OF FABRICATED ITEMS PER PEMB PLANS PER FOUNDATION PLANS PER PLANS ONLY WHERE PREFABRICATED STRUCTURAL ELEMENTS AS APPLICABLE WITH WORK, ANY SITE FILL OR SOIL IMPROVEMENT WORK
1705.7,8,9 1705.13 1705.14 1705.15 1705.17 1705.11 1705.11.1 1705.11.2 1705.12.1 1705.12.1 1705.12.1 1705.12.2 1705.12.3 1705.12.7 1705.12.5	DRIVEN, CAST DEEP, PILE FOUNDATIONS SPRAYED FIRE-RESISTANT MATERIALS FIREPROOFING E.I.F.S. SMOKE CONTROL WIND-RESISTANCE WIND-WOOD WIND-COLD FORM LIGHT FRAME WIND-ROOF SHEATHING, WALL COVERING, CONNECTIONS TO ROOF SEISMIC - RESISTANCE SEISMIC - STRUCTURAL STEEL SEISMIC - STRUCTURAL WOOD SEISMIC - COLD FORMED STEEL LIGHT FRAMING SEISMIC - STORAGE RACKS AND ACCESS FLOORS SEISMIC - ARCHITECTURAL COMPONENTS - INTERIOR/EXTERIOR NON-LOAD BEARING WALLS AND VENEER IN STRUCTURES SEISMIC - MECHANICAL AND ELECTRICAL COMPONENTS	X	NONE NONE NONE NONE NONE PER PEMB PLANS EXCEPTION ONLY WHERE CONNECTOR SPACING > 4 " PER PLANS PER PLANS PER PLANS PER PLANS PER PLANS EXCEPTION ONLY WHERE CONNECTOR SPACING > 4" EXCEPTION ONLY WHERE CONNECTOR SPACING > 4" EXCEPTION WHERE SCD = D, E, OR F EXCEPTION WHERE SCD = D, E, OR F EXCEPTION WHERE NOT EMERGENCY POWER, OR HARDOUS/COMBUSTIBLE FLUIDS OR GASES

ADDITIONAL INSPECTION NOTES:

- 1. AUTOMATIC SPRINKER SYSTEMS/INSPECTIONS ARE NOT REQUIRED WITH THIS PROJECT
- WHERE APPLICABLE ANY AND ALL FIRE ALARM SYSTEM INSPECTIONS ARE TO BE PROVIDED BY OTHERS
 SEE SPECIAL INSPECTION REQUIREMENTS WITHIN SPECIFICATIONS PACKET FOR RESPONSIBILITIES AND EXECUTION

PLEASE NOTE:



1-14-21

No. Revision/Issue Date



Engineering for Architectural ● Mechanical

Eric N. Wooldridge, P.E. 512 Hwy 300 Stanford, KY 40484 606.365.8070 606.669.0612 (cell) eric.wds@gmail.com

PROJECT NAME AND ADDRESS

SE WATER OFFICE

PIPE STORAGE
PULASKI CO. KY

SHEET NAME

PLAN DATA

PROJECT NUMBER SHEET
1738

DATE:
1-14-21

SCALE
AS NOTED

DESIGN LIVE LOADS

PER KBC TABLE 1607.1
ASSEMBLY AREAS (COMMON): 100 PSF 50 PSF OFFICES: OFFICE CORRIDORS ABOVE FIRST FLOOR: OFFICES ABOVE FIRST FLOOR: 80 PSF 80 PSF OFFICE LOBBIES: 100 PSF CATWALKS: 40 PSF BALCONIES AND DECKS: DINNING ROOMS: SAME AS OCCUPANCY 100 PSF FIRE ESCAPES: 100 PSF FIRE ESCAPES (SINGLE FAMILY): 40 PSF STAIRS:
STAIRS (SINGLE FAMILY):
MERCANTILE, FIRST FLOOR: 100 PSF 40 PSF 100 PSF MERCANTILE, UPPER FLOORS: 75 PSF MERCANTILE, WHOLESALE, ALL FLOORS: 125 PSF MANUFACTURING HEAVY: 250 PSF MANUFACTURING LIGHT: 125 PSF STORAGE HEAVY: 250 PSF STORAGE LIGHT: 125 PSF WALKWAYS AND ELEVATED PLATFORMS: 60 PSF

BUILDING ROOF DESIGN LOADS

250 PSF (W/ 8000 # POINT LOAD)

SIDEWALKS, DRIVEWAYS, ETC:

COUNTY: IMPORTANCE CATEGORY: PULASKI ROOF LIVE LOAD: 20 PSF BY OTHERS 1.75 PSF MIN. ROOF FINISH LOAD: ROOF SHEATHING DEAD LOAD: CEILING FINISH DEAD LOAD (GYPSUM): 1.0 PSF MIN. ADDITIONAL COLLATERAL LOADS: 1.0 PSF 1.0 PSF NA -LIGHTING: -SPRINKLER SYSTEM (WET): WIND LOADING: BY OTHERS

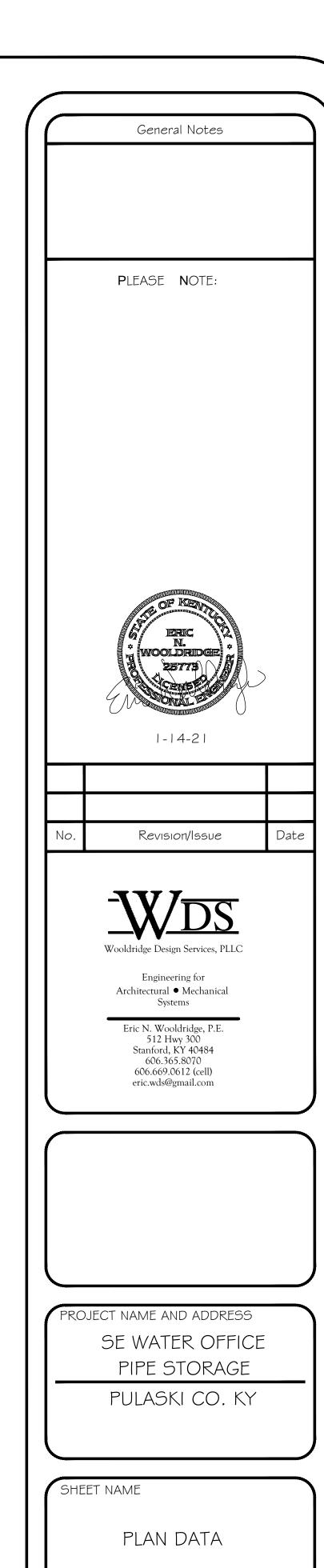
SNOW DESIGN LOAD

PER KBC TABLE 1608.2
COUNTY: PULASKI
IMPORTANCE CATEGORY: 11
GROUND SNOW LOAD (Pg): 15 PSF
FLAT ROOF SNOW LOAD (Pf): 15 PSF
CONCURRENT WIND SPEED: 30 MPH
IMPORTANCE FACTOR (TABLE 7-4, ASCE 7): 1.00
ICE THICKNESS 0.75"

SNOW LOADING PER ASCE-7: PROVIDED BY OTHERS

SHOP DRAWINGS

SHOP DRAWINGS, CALCULATIONS, AND DESIGN DATA, RELATED TO ANY PRE-MANUFACTURED ELEMENTS SUCH AS THE STEEL STAIR SYSTEM ARE TO BE PROVIDED BY THE MANUFACTURER/FABRICATOR AND MADE AVAILABLE FOR REVIEW AND APPROVAL BY THE OWNER AND THE BUILDING CODE AUTHORITY HAVING JURISDICTION.



PROJECT NUMBER

AS NOTED

GENERAL NOTES

- 1. EACH CONTRACTOR SHALL VERIFY AND COORDINATE ALL NEW AND EXISTING CONDITIONS AND DIMENSIONS AT JOB SITE FOR COMPARISON WITH DRAWINGS AND SPECIFICATIONS PRIOR TO BIDDING AND AT THE START OF AND DURING CONSTRUCTION. IF ANY DISCREPANCIES, INCONSISTENCIES OR OMISSIONS ARE FOUND, THE ENGINEER SHALL BE NOTIFIED IN WRITING FOR CLARIFICATION PRIOR TO PROCEEDING WITH WORK.
- 2. ALL WORK SHALL COMPLY WITH FEDERAL, STATE, AND LOCAL CODES AND REGULATORY AGENCIES HAVING JURISDICTION IN THIS AREA. IF THE CONTRACTOR ASCERTAINS AT ANY TIME THAT REQUIREMENTS OF THIS CONTRACT CONFLICT WITH, OR ARE IN VIOLATION OF, APPLICABLE LAWS, CODES, REGULATIONS AND ORDINANCES, HE SHALL NOT PROCEED WITH WORK IN QUESTION, EXCEPT AT HIS OWN RISK, UNTIL THE ENGINEER HAS BEEN NOTIFIED IN WRITING AND WRITTEN DETERMINATION IS MADE BY THE ENGINEER.
- 3. WHERE COMPLETED OR PARTIALLY COMPLETED WORK IS DISCOVERED TO BE IN VIOLATION WITH APPLICABLE LAWS, CODES, REGULATIONS AND ORDINANCES, THE CONTRACTOR SHALL BE REQUIRED TO REMOVE THAT WORK FROM THE PROJECT AND REPLACE SUCH WORK WITH ALL NEW COMPLYING WORK AT NO ADDITIONAL COST TO THE OWNER OR ENGINEER.
- 4. ALL SECTIONS, DETAILS, MATERIALS, AND METHODS SHOWN AND / OR NOTED ON ANY SHEET SHALL APPLY TO ALL OTHER SIMILAR LOCATIONS UNLESS NOTED OTHERWISE.
- 5. NO CONTRACTOR HAS THE AUTHORITY TO PERMIT THE USE OF ANY PORTION OF THE SITE OR BUILDING TO ANYONE, EXCEPT FOR BUSINESS CONNECTED TO THE CONSTRUCTION WITH WHICH THIS CONTRACT IS CONCERNED.
- 6. DIMENSIONS SHOWN ON FLOOR PLANS ARE TO FINISH FACE OF STUD, MASONRY OR CONCRETE TO FACE OF STUD, MASONRY, AND CONCRETE OR GRIDLINES.
- 7. DO NOT SCALE DRAWINGS. CONTRACTOR SHALL RELY ON WRITTEN DIMENSIONS AS GIVEN.
- 8. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR CLARIFICATIONS.
- 9. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY CONTRACTOR AND COORDINATED WITH ALL OF THE WORK OF ALL TRADES.
- 10. IF DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING FOR CLARIFICATION BEFORE THE COMMENCEMENT OR RESUMPTION OF WORK.
- 11. ABBREVIATIONS THROUGHOUT THE PLANS ARE THOSE IN COMMON USE. NOTIFY THE ENGINEER OF ANY ABBREVIATIONS IN QUESTION.
- 12. THE CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS, DESIGN REVIEW FEES, AND ALL OTHER FEES, AND INSPECTIONS REQUIRED BY LOCAL, STATE, AND FEDERAL AGENCIES.
- 13. FINISH FLOOR ELEVATIONS ARE AS ESTABLISHED DATUM LINE, UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, LABOR, EQUIPMENT, TRANSPORTATION AND SERVICE NECESSARY FOR THE SATISFACTORY COMPLETION OF WORK UNLESS DESIGNATED (N.I.C.) OR (O.F.O.I.).
- 14. ALL EQUIPMENT, WORK AND MATERIALS SHALL COMPLY WITH ALL CURRENT AND LOCAL APPLICABLE CODES AND GOVERNING REGULATIONS AND THE CONTRACT DOCUMENTS.
- 15. THE CONTRACTOR'S SHALL BE RESPONSIBILITY FOR COORDINATION WITH THE LAYOUT, STRUCTURAL, PLUMBING AND ELECTRICAL DRAWINGS BEFORE THE INSTALLATION OF ANY OF THE CONSULTANT'S WORK AND TO BRING ANY DISCREPANCIES OR CONFLICTS TO THE ENGINEER'S ATTENTION IN WRITING FOR CLARIFICATION, IMPROPERLY INSTALLED WORK SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE AND AT NO EXPENSE TO THE ENGINEER, HIS CONSULTANTS OR THE OWNER.
- 16. IN THE CASE OF A CONFLICT BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, SPECIFICATIONS SHALL TAKE PRECEDENCE. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY CONFLICT BEFORE PROCEEDING WITH THE WORK.
- 17. ANY WORK INSTALLED IN CONFLICT WITH THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE AND AT NO ADDITIONAL EXPENSE TO THE OWNER, ENGINEER OR CONSULTANTS.
- 18. CONTRACTORS PERFORMING WORK ON THE PREMISES SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING A REASONABLE AND PRUDENT SAFETY PROGRAM INCLUDING BUT NOT LIMITED TO THE ISOLATION OF WORK AREAS AND THE PROMPT REMOVAL OF ANY DEBRIS OR TOOLS, WHICH MIGHT ENDANGER VISITORS, AND STAFF OF THE OWNER OR ENGINEER.
- 19. ALL TRENCHES OR EXCAVATIONS IN EXCESS OF 5' IN DEPTH INTO WHICH A PERSON IS REQUIRED TO DESCEND, SHALL COMPLY WITH ALL OSHA, STATE AND LOCAL REQUIREMENTS.
- 20. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACINGS, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, TOILET ACCESSORIES AND OF ALL FLOOR-MOUNTED OR CEILING SUSPENDED EQUIPMENT. ALL WOOD BLOCKING / NAILERS SHALL BE PRESSURE TREATED WHEN IN CONTACT WITH CONCRETE OR MASONRY.
- 21. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE VARIOUS TRADE ITEMS WITHIN THE SPACE ABOVE ALL CEILINGS (INCLUDING, BUT NOT LIMITED TO: STRUCTURAL MEMBERS, MECHANICAL DUCTS AND INSULATION, CONDUITS, RACEWAYS, SPRINKLER SYSTEM, LIGHT FIXTURES, CEILING SYSTEMS, AND ANY SPECIAL STRUCTURAL SUPPORTS REQUIRED) AND SHALL BE RESPONSIBLE FOR MAINTAINING THE FINISH CEILING HEIGHT ABOVE THE FINISH FLOOR INDICATED IN THE DRAWINGS AND THE FINISH SCHEDULE (CEILING HEIGHT DIMENSIONS ARE TO THE FINISH SURFACE OF CEILING).
- 22. ACCESS PANELS SHALL BE PROVIDED AND INSTALLED WHEREVER REQUIRED BY THE BUILDING CODE OR FOR THE PROPER OPERATION OR MAINTENANCE OF MECHANICAL OR ELECTRICAL EQUIPMENT, WHETHER OR NOT INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL COORDINATE SIZE, LOCATION AND TYPE OF ACCESS PANEL WITH OTHER CONTRACTOR'S WORK
- 23. WHEN IT IS NECESSARY TO INTERRUPT ANY EXISTING UTILITY SERVICE TO MAKE CORRECTION AND/OR CONNECTION, A MINIMUM OF 48 HOURS ADVANCE NOTICE SHALL BE GIVEN TO THE OWNER AND UTILITY COMPANY. INTERRUPTIONS IN UTILITY SERVICES SHALL BE OF THE SHORTEST POSSIBLE DURATION FOR THE WORK AT HAND AND SHALL BE APPROVED IN ADVANCE BY THE OWNER AND UTILITY COMPANY. IN THE EVENT THE UTILITY SERVICE IS INTERRUPTED WITHOUT THE REQUIRED 48 HOURS' NOTICE, THEN THE CONTRACTOR SHALL BE FINANCIALLY LIABLE FOR ALL DAMAGES SUFFERED BY THE OWNER DUE TO THE UNAUTHORIZED INTERRUPTION. RECONNECTION SHALL BE MADE IMMEDIATELY.
- 24. THE CONTRACTOR SHALL COORDINATE WITH REPRESENTATIVES OF WATER, ELECTRICAL, GAS, TELEPHONE AND CABLE TELEVISION COMPANIES TO VERIFY AVAILABLE FACILITIES AND IF APPLICABLE TO ESTABLISH TEMPORARY FACILITIES.
- 25. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES BELOW GRADE AND RELATED SERVICES CONNECTIONS WITH THE RESPECTIVE UTILITY COMPANIES. THE CONTRACTOR SHALL COORDINATE THE REMOVAL, ABANDONMENT, AND OR RELOCATION OF EXISTING UTILITIES ABOVE OR BELOW GRADE WITH THE RESPECTIVE UTILITY COMPANIES.
- 26. ONLY NEW MATERIALS AND EQUIPMENT OF RECENT MANUFACTURE, OF QUALITY SPECIFIED, FREE FROM DEFECTS, WILL BE PERMITTED ON THE WORK. THE CONTRACTOR SHALL PROTECT ALL FINISH WORK AND SURFACES FROM DAMAGE DURING COURSE OF CONSTRUCTION AND SHALL REPLACE AND OR REPAIR ALL DAMAGED SURFACES CAUSED BY CONTRACTOR OR SUBCONTRACTOR PERSONNEL TO THE SATISFACTION OF THE OWNER AND ENGINEER.
- 27. CLEAN UP AND DISPOSAL: REMOVE DEBRIS, RUBBISH AND WASTE MATERIAL FROM THE OWNER'S PROPERTY TO A LAWFUL DISPOSAL AREA AND PAY ALL HAULING AND DUMPING COSTS, CONFORM TO PERTAINING FEDERAL STATE AND LOCAL LAWS, REGULATION AND ORDERS. UPON COMPLETION OF WORK, ALL CONSTRUCTION AREAS SHALL BE LEFT VACUUM-CLEAN AND FREE FROM DEBRIS. CLEAN ALL DUST, DIRT, STAINS, HAND MARKS, PAINT SPOTS, DROPPINGS, AND OTHER BLEMISHES.
- 28. SUBSTITUTIONS: REFERENCE TO MAKERS, BRAND, MODELS, ETC. IS TO ESTABLISH THE TYPE AND QUALITY DESIRED: SUBSTITUTION OF ACCEPTABLE EQUIVALENTS WILL BE PERMITTED IF APPROVED BY THE OWNER
- 29. SHOP DRAWINGS SENT TO THE ENGINEER THAT HAVE NOT BEEN REVIEWED BY THE CONTRACTOR AND NOT BEARING THE SHOP DRAWING STAMP AND SIGNATURE OF THE CONTRACTOR WILL BE RETURNED TO THE CONCENTRATOR NOT REVIEWED.
- 30. TEMPORARY FACILITIES: THE CONTRACTOR SHALL PROVIDE A STAGING AND MATERIAL STORAGE AREA OF CONSTRUCTION. LOCATION SHALL BE COORDINATED WITH THE OWNER.
- 31. THE CONTRACTOR SHALL MAKE NECESSARY CONNECTIONS TO EXISTING UTILITIES FOR TEMPORARY POWER AND WATER SUPPLIES, AND SHALL COORDINATE SUCH USE WITH THE OWNER PRIOR TO CONNECTION.
- 32. THE CONTRACTOR SHALL PROVIDE TEMPORARY BARRICADES TO SEPARATE CONSTRUCTION AREAS FOR PUBLIC SAFETY AROUND ENTIRE PERIMETER OF CONSTRUCTION AREA.
- 33. PROVIDE OPERATING MAINTENANCE BROCHURES AND GUARANTEES AS REQUIRED.

FOUNDATION EXCAVATION SPECIFICATIONS

- 1. SITE INFORMATION HAS BEEN DEVELOPED FROM SEVERAL SOURCES, IT SHALL THEREFORE, BE THE RESPONSIBILITY OF ALL CONTRACTORS AND SUBCONTRACTORS TO VERIFY ALL SITE INFORMATION BEFORE PROCEEDING WITH ANY EXCAVATION WORK. IT IS ALSO TO BE ASSUMED THAT SUBGRADE CONDITIONS ARE UNKNOWN AND THE CONTRACTOR IS TO PROCEED WITH CAUTION DURING ALL EXCAVATION WORK. DURING EXCAVATION IF ANY UNANTICIPATED ARTIFACTS, BONE FRAGMENTS, EXISTING FOUNDATIONS, STRUCTURES, OR OTHER ABNORMAL CONDITIONS ARE DISCOVERED, CONTRACTOR IS TO STOP WORK AND INFORM THE OWNER AND ENGINEER IMMEDIATELY.
- 2. EXCAVATION SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED. RETENTION BASINS AND/OR CONTINUOUS PERIMETER SILT BARRIERS SHALL BE CONSTRUCTED PRIOR TO ANY OTHER SITE WORK, AND SILT CONTROL BARRIERS SHALL BE INSTALLED IF REQUIRED TO PREVENT SILT AND MUD EROSION ONTO OTHER PROPERTIES, INTO DRAINAGE OPENINGS, OR ONTO ADJACENT PAVEMENT AREAS. SILT CONTROL STRUCTURES SHALL BE PERIODICALLY CLEANED AND/OR REPLACED, AS NEEDED, DURING PROJECT CONSTRUCTION. SEDIMENT FILTERS SHALL BE PROVIDED AT ANY AREAS OF NEW SITE WORK WHERE SURFACE RUNOFF IS ANTICIPATED.
- 3. WHERE APPLICABLE, CONTRACTOR IS NOT TO EXCAVATE BELOW ANY EXISTING FOUNDATIONS UNLESS DIRECTED TO DO SO PER THE PLANS OR THE ENGINEER
- 4. SOIL BEARING: PRIOR TO CONSTRUCTION, ALL EXISTING TOP SOIL, ORGANIC MATERIAL FILL, ABANDONED CONCRETE, AND ALL WET, SOFT, LOOSE, OR OTHERWISE UNDESIRERABLE SOIL SHALL BE REMOVED FROM SITE. CONTRACTOR IS RESPONSIBLE FOR PROOF ROLLING ALL EXPOSED SUBGRADE TO VERIFY SUITABILITY AND PRIOR TO PLACING ANY FILL.
- 5. SITE GRADES AROUND THE BUILDING AND PAVEMENT AREAS SHALL BE GRADED DURING CONSTRUCTION TO PREVENT PONDING. ANY SURFACE WATER ACCUMULATION IN THE BUILDING PAVEMENT AREAS SHALL BE DRAINED IMMEDIATELY TO AVOID SATURATION OF THE SUBGRADE SOILS
- 6. SITE GRADING SHALL BE MAINTAINED DURING CONSTRUCTION SO THAT POSITIVE DRAINAGE IS PROMOTED AWAY FROM THE BUILDING SITE, FINAL GRADING OF THE SITE SHALL PROVIDE SURFACE RUNOFF AWAY FROM ALL IMPROVEMENTS.
- 7. BUILDING EXCAVATION, FOUNDATION AND FILLING; EXCAVATE TO ELEVATIONS AND DIMENSIONS INDICATED, PLUS EXTRA SPACE AS NEEDED FOR CONSTRUCTION MANEUVERING AND FOUNDATION INSPECTION. IF FOOTINGS AND/OR FOUNDATIONS ARE "OVER DUG" OR WIDER THAN INDICATED ON THE DRAWINGS, THE EXCESS CUT SHALL BE FILLED MONOLITHICALLY WITH CONCRETE ALONG WITH REGULAR FOOTINGS.
- 8. BACKFILL ONLY AFTER FOUNDATION INSULATION HAS BEEN INSTALLED. USE ONLY CLEAN BACKFILL FREE OF ORGANIC
- 9. ALL EARTH UNDER SLABS TO BE UNDISTURBED OR PUT DOWN IN 6" LIFTS AND COMPACTED WITH A GASOLINE POWERED COMPACTOR TO 95% AND HARD DENSITY (PROCTOR).
- 10. ALL FOOTINGS TO BEAR ON UNDISTURBED SOIL OR APPROVED COMPACTED FILL AS SPECIFIED BELOW.
- 11. MINIMUM FOOTING DEPTHS ARE PROVIDED ON PLANS, HOWEVER, SUCH DEPTHS ARE NOT TO BE PRIORITIZED OVER SPECIFIED DESIGNED BEARING CAPACITY AS NOTED ON THE DRAWINGS.
- 12. ALL FOUNDATION EXCAVATIONS ARE TO BE FINISHED BY HAND.

MATTER AND FREE OF ROCKS OVER 1" DIAMETER.

- 13. WHEN NECESSARY, EXCAVATIONS SHALL BE SECURED WITH APPROVED SHORING, SHEETING OR BRACING WHICH MAY BE REMOVED AS BACKFILLING PROGRESSES, SO LONG AS BANKS ARE SAFE AGAINST CAVING, KEEP EXCAVATION FREE OF WATER, DO NOT DISCHARGE WATER IN SUCH A MANNER TO CAUSE EROSION OR TO CREATE A NUISANCE WHEN FREEZING TEMPERATURES MAY BE EXPECTED, DO NOT MAKE EXCAVATIONS TO FULL DEPTHS UNLESS CONCRETE CAN BE POURED IMMEDIATELY.
- 14. PRIOR TO PLACEMENT OF ANY SUBGRADE FILL SHALL BE SCARIFIED TO A DEPTH OF 12". COMPACT EXPOSED GRADED PROOF-ROLLING TO 95% OF STANDARD PROCTOR DENSITY, S.P.D., ASTM0698. IF EXCESSIVE "PUMPING" IS OBSERVED, CONSULT WITH A QUALIFIED ENGINEER TO FORMULATED RECOMMENDATIONS SUCH AS UNDERCUTTING AND PLACEMENT OF SUITABLE MATERIAL IN THE EXCAVATION TO ACHIEVE COMPACTION REQUIREMENTS. ALL FILL BELOW SLABS ON GRADE SHALL BE COMPACTED TO 95% S.P.D. AT +/-2% OF OPTIMUM MOISTURE CONTENT. ALL FILL IN THE BEARING ZONE BELOW FOOTINGS SHALL BE COMPACTED TO 100% OF S.P.D. AT +/-2% OF OPTIMUM MOISTURE CONTENT.
- 15. RULES AND REGULATIONS GOVERNING SITE AND BUILDING UTILITIES SHALL BE OBSERVED IN EXECUTING ALL WORK.
- a. CONTRACTOR SHALL NOTIFY KENTUCKY 811, 48 HOURS PRIOR TO EXCAVATION
- b. LOCATE EXISTING UNDERGROUND UTILITIES BY CAREFUL HAND EXCAVATION BEFORE STARTING ANY SITE WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE PROTECTION FROM DAMAGE DURING CONSTRUCTION OPERATION. SHOULD UNCHARTED OR INCORRECTLY CHARTED PIPING OR OTHER UTILITIES BE ENCOUNTERED DURING EXCAVATION, CONSULT THE OWNER AND THE PUBLIC AND PRIVATE UTILITY COMPANIES IN KEEPING SERVICES AND FACILITIES IN OPERATION. REPAIR UTILITIES TO THE SATISFACTION OF THE UTILITY OWNER.
- c. ANY INACTIVE OR ABANDONED UTILITIES ENCOUNTERED IN EXCAVATING AND GRADING OPERATIONS SHALL BE REMOVED, PLUGGED, OR CAPPED AT LEAST 3' OUTSIDE NEW BUILDING WALLS OR AS REQUIRED BY THE LOCAL BEDDESENTATIVE
- 16. PRIOR TO FORMING AND CONCRETE PLACEMENT, REMOVE ALL LOOSE SOIL AND WATER.

CONCRETE SPECIFICATIONS

- 1. ALL NEW CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS WITH NORMAL WEIGHT STONE AGGREGATE, AND NO GREATER THAN A 5" SLUMP, UNLESS OTHERWISE SPECIFIED. MIX AND MATERIALS SHALL MEET ALL REQUIREMENTS OF PREVAILING CODES.
- 2. REBAR: TO BE DEFORMED & MINIMUM OF GRADE 60 (60,000 PSI). BARS ARE TO COMPLY WITH ASTM A615 WHERE BENT LAP BARS 48 BAR DIAMETERS MIN. VERTICALLY, HORIZONTALLY, AND AROUND CORNERS. STAGGER ALTERNATE SPLICES A MINIMUM OF ONE LAP LENGTH. ALL SPLICES SHALL BE IN AN AREA OF COMPRESSION. BARS SHALL BE AT LEAST 2" CLEAR TO EXTERIOR SURFACE OF CONCRETE.
- 3. REINFORCING STEEL SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH ACI-315
- 4. PROVIDE BENT CORNER BARS TO MATCH AND LAP WITH HORIZONTAL BARS AT CORNERS AND INTERSECTIONS OF FOOTING AND WALLS.
- 5. SECURELY TIE ALL BARS IN LOCATION BEFORE PLACING CONCRETE.
- 6. ALL REINFORCING BAR BENDS SHOULD BE MADE MECHANICALLY. HEAT-BENDING SHOULD NOT BE PERMITTED.
- REINFORCING BAR PLACEMENT TOLERANCE SHALL BE IN ACCORDANCE WITH SECTIONS 7.5, 7.6, AND 7.7 OF THE ACI 318. CURRENT EDITION.
- 8. ALL CONCRETE FLOOR SLAB WORK SHALL CONFORM TO GUIDE ACI 302.1 CURRENT EDITION
- 9. FIELD WELDING OF REINFORCEMENT SHALL NOT BE PERMITTED.
- 10. REINFORCING BAR PROTECTION: 10.1. CONCRETE PLACED AGAINST EARTH = 3"
- 10.2. CONCRETE PLACED IN FORMS (EXPOSED TO WEATHER OR EARTH) = 2"
- 10.3. SLABS AND WALLS (NOT EXPOSED TO WEATHER) = 3/4"
- 11. FOUNDATION: CONSTRUCTION SHALL COMPLY WITH ACI 318.
- 40. EVITERIOR OLARO MALKO RAR INOTALI ATIONO AND ARRUGATIONO QUALL COMPLY ANTILI ACIDED

12. FOUNDATION REINFORCEMENT SHALL NOT BE IN CONTACT WITH SOIL, SUPPORT WITH BARS OR CHAIRS

- 13. EXTERIOR SLABS, WALKS, PAD INSTALLATIONS, AND APPLICATIONS SHALL COMPLY WITH ACI 301
- 14. STRUCTURAL CONCRETE SHALL COMPLY WITH CODE REQUIREMENTS
 14.1. ALL STONE FILL TO BE NO. 57 (OPEN GRADE STONE)

SUPPORT THE EQUIPMENT WITHOUT SURFACE DAMAGE.

- 14.2. PORTLAND CEMENT TYPE I OF I ASTM C 150
- 14.3. NORMAL WEIGHT AGGREGATES ASTM C 33 14.4. WATER - POTABLE
- 14.5. READY-MIX CONCRETE COMPLY WITH REQUIREMENTS OF ASTM C 9

1.5" DEEP WITH APPROXIMATELY A 1.5" FLAT TOOLED BORDER AT EACH SIDE OF JOINT.

- 14.6. AIR-ENTRAINING ADMIXTURE FOR WALKS & EXTERIOR SURFACES ASTM C 260, 5% TO 7% 14.7. MOISTURE BARRIER 6 MIL POLYETHYLENE
- 14.8. CAULKING TRAFFIC GRADE, TO RELATIVELY MATCH COLOR OF ADJACENT EXPOSED SURFACE OF CONCRETE
- 14.9. EXPANSION JOINT ASPHALT IMPREGNATED FIBERBOARD, MINIMUM OF 1/2" THICK, UNLESS OTHERWISE SHOWN ON DRAWINGS
- 15. EXPANSION JOINTS SHALL BE SET A MINIMUM OF 1/2" BELOW THE FINISH CONCRETE SURFACE. FILL JOINTS WITH TRAFFIC GRADE CAULKING. TOOL CONTROL JOINTS IN WALKS AT 5' +/- ON-CENTER. JOINTS SHALL BE A MINIMUM OF
- 16. EDGES SHALL BE FINISHED WITH A STEEL RADIUSED EDGING TOOL LEAVING APPROXIMATELY A 1.5" FLAT BORDER AT
- 17. STEEL TROWEL AND BROOM FINISH WALKS. BROOMING SHALL BE APPLIED IN ALTERNATE DIRECTIONS. WALKS SHALL BE BROOMED IN THE DIRECTION OF SLOPE. WATER SHALL NOT SET OR POND. SURFACES TO BE CROWNED A MINIMUM
- OF 1/8" PER FOOT.

18. STEEL TROWEL FINISH AND SLOPE A MINIMUM OF 1/8" PER FOOT AT ALL CONCRETE PADS, ADD NON-SLIP (BROOM)

19. UNLESS OTHERWISE SHOWN, FLOOR SLABS SHALL BE POURED WITH A 4,000 PSI MIX HAVING NOT OVER A 5" SLUMP AND SHALL BE SCREEDED TO PROPER SLOPE OR LEVEL AND FLOATED TO A TRUE, EVEN FINISH. NO ANTIFREEZE

SHALL BE USED IN MIXTURE. ALL NEW FLOOR SLABS ARE TO BE SMOOTH-TROWELED FINISH, FREE FROM MARKS AND

- 20. UNLESS OTHERWISE SHOWN, ALL INTERIOR CONCRETE SLABS ON GRADE SHALL BE BOUNDED BY CONSTRUCTION JOINTS (SAW CUT) SUCH THAT, UNLESS OTHERWISE DETAILED, THE ENCLOSED AREA DOES NOT EXCEED 225 SQ. FT. SAW CUT DEPTHS ARE TO BE 25% OF THE SLAB THICKNESS. ALL OTHER JOINTS MAY BE SAW CUT OR CREATED WITH "ZIP STRIPS". POSITION CUTS UNDER WALLS AS POSSIBLE. FILL ALL JOINTS WITH POLYUREA JOINT FILLER RATED FOR EQUIVALENT SLAB LOADING AND USE, FILLER TO BE COMPATIBLE WITH CONSTRUCTION MATERIAL PLACED AGAINST IT. SAW CUTS ARE TO BE MADE WITHIN 7 HOURS OF THE START OF CONCRETE POUR, OR AS SOON AS CONCRETE CAN
- 21. DRYING AND CURING: ALL CONCRETE SHALL BE PROTECTED FROM TOO RAPID DRYING PER ACI SPECIFICATIONS.
- 22. ALL NEW CONCRETE FLOOR SLABS AND WALKS SHALL BE A MINIMUM OF 4" THICK, UNLESS OTHERWISE SPECIFIED.
- 23. REPAIRS MUST BE MADE TO EXISTING CONCRETE SURFACES THAT CONTAIN SURFACE DEFECTS SUCH AS CRAZING, CRACKS IN EXCESS OF 0.01" WIDE, AND CRACKS WHICH PENETRATE COMPLETELY THROUGH EXISTING SLAB SECTIONS REGARDLESS OF WIDTH, SPALLING, POPOUTS, AND OTHER OBJECTIONABLE CONDITIONS.
- 24. REPAIRS MUST BE MADE TO DEFECTIVE AREAS (EXCEPT RANDOM CRACKS AND SINGLE HOLES NOT EXCEEDING 1" DIAMETER) BY CUTTING OUT AND REPLACING WITH FRESH CONCRETE. REMOVE DEFECTIVE AREAS TO SOUND CONCRETE WITH CLEAN, SQUARE CUTS AND DAMPEN CONCRETE SURFACES IN CONTACT WITH PATCHING CONCRETE, AND APPLY BONDING COMPOUND. MIX PATCHING CONCRETE OF SAME MATERIALS TO PROVIDE CONCRETE OF SAME TYPE OR CLASS AS ORIGINAL CONCRETE. PLACE, COMPACT, AND FINISH TO BLEND WITH ADJACENT FINISHED.
- 25. SLABS, FOOTINGS, AND WALLS SHALL NOT HAVE JOINTS IN A HORIZONTAL PLANE. ANY STOP IN CONCRETE WORK MUST BE MADE AT THIRD POINT OF SPAN WITH VERTICAL BULKHEADS AND HORIZONTAL SHEAR KEYS UNLESS OTHERWISE SHOWN.

SPECIAL INSPECTIONS

- 1. ALL FIELD SPECIAL INSPECTIONS ARE TO BE PROVIDED BY OTHERS.
- 2. OWNER AND CONTRACTOR ARE RESPONSIBLE FOR RETAINING AND COORDINATING WITH SPECIAL INSPECTION ENTITY
- 3. ALL SPECIAL INSPECTION AND ANY RELATED INSPECTION ENTITIES ARE TO COMPLY WITH ASTM E329 IN
- 4. APPROVED LABORATORY TESTING SHALL BE PROVIDED PER ASTM E329
- 5. CONTRACTOR SHALL PROVIDE SPECIAL INSPECTION ENTITY WITH ANY REQUESTED RECEIPTS OR DOCUMENTATION WITHIN A REASONABLE PERIOD OF TIME RELATIVE TO THE EXECUTION OF THEIR SERVICES.
- 6. WHERE REQUIRED, CONTINUOUS INSPECTION PROCEDURES SHALL COMPLY WITH THE FOLLOWING
- a. CONTRACTOR SHALL NOTIFY THE SPECIAL INSPECTION ENTITY PRIOR TO PERFORMING ANY WORK REQUIRING CONTINUOUS INSPECTION.
 b. ANY WORK COMPLETED BY THE CONTRACTOR WITHOUT SPECIAL INSPECTION ENTITY PRESENT SHALL BE
- REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE

 7. WHERE REQUIRED, PERIODIC INSPECTION PROCEDURES SHALL COMPLY WITH THE FOLLOWING CONDITIONS:
- a. CONTRACTOR SHALL NOTIFY THE SPECIAL INSPECTION ENTITY AT THE POINT WHEN WORK IS DEEMED READY FOR INSPECTION.
- b. ANY WORK THAT SUBSEQUENTLY HIDES WORK TO BE INSPECTED BY SPECIAL INSPECTION ENTITY,
 BUILDING CODE INSPECTOR, ENGINEER/ENGINEER'S CONSULTANTS SHALL BE REMOVED AND REPLACED
 AT THE CONTRACTOR'S EXPENSE
- 8. WHERE REQUIRED TESTING SHALL INCLUDE:

SPECIAL INSPECTION ENTITY OR OTHERS

TABLE 1705.3, WHICHEVER IS MORE STRINGENT

a. SOILS: PER PREVAILING BUILDING CODE OR IBC 2015 SECTION 1705.6, WHICHEVER IS MORE STRINGENT
 b. MASONRY: PER PREVAILING BUILDING CODE OR IBC 2015 SECTION 1705.4, WHICHEVER IS MORE STRINGENT
 c. CONCRETE: SLUMP TESTS, CYLINDER TESTS, MIX DATES, DAILY POUR REPORTS, ENTRAINED AIR TESTS,

AMBIENT TEMPERATURE, AND ALSO PER PREVAILING BUILDING CODE OR IBC 2015 SECTION 1705.3 AND

- 9. ALL REPORTS ASSOCIATED WITH INSPECTION AND TESTING ARE TO BE SENT TO OWNER, AND WHERE APPLICABLE THE PROJECT ENGINEER WITHIN A REASONABLE PERIOD OF TIME RELATIVE TO THE EXECUTION
- OF THE INSPECTIONS AND TESTING.

 10. ALL SITE OBSERVATIONS WHERE REQUESTED BY OWNER OR ENGINEER ARE TO BE PROVIDED BY THE

STEEL BUILDING

- 1. METAL BUILDINGS SHALL BE DESIGNED, MANUFACTURED, ERECTED, AND CONSTRUCTED TO BE WEATHER TIGHT. THE BUILDING SHALL INCLUDE THE STRUCTURAL FRAMING, ROOF, WALL COVERING (IF APPLICABLE), TRIM, CLOSURES, AND ACCESSORIES HEREIN DESCRIBED.
- 2. THE BUILDING MANUFACTURER SHALL FURNISH COMPLETE ERECTION DRAWINGS SHOWING ANCHOR BOLT SETTINGS, COLUMN REACTIONS, SIDEWALL, ENDWALL AND ROOF FRAMING, TRANSVERSE CROSS-SECTIONS, COVERING AND FLASHING DETAILS, AND ACCESSORY INSTALLATION DETAILS TO CLEARLY INDICATE THE PROPER ASSEMBLY OF ALL BUILDING PARTS SUBMITTED DRAWINGS SHALL BE SIGNED/SEALED BY A LICENSED KENTUCKY ENGINEER.
- 3. THE DESIGN LOADS FOR THIS BUILDING SHALL COMPLY WITH LOADING REQUIRED BY THE "KENTUCKY BUILDING CODE" CHAPTER 16 AND NOTES ON THESE DRAWINGS.
- 4. ALL STRUCTURAL STEEL SECTIONS AND WELDED PLATE MEMBERS SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF AISC, 'SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STEEL FOR BUILDINGS.'
- 5. ALL COLD-FORMED STRUCTURAL MEMBERS AND EXTERIOR COVERING SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION FO THE AISI, 'SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS.'
- 6. THE BUILDING COMPONENTS SHALL BE DESIGNED TO MEET THE MOST UNFAVORABLE EFFECT PRODUCED CONSIDERING ALL LOAD COMBINATIONS, SPECIFIED IN THE APPLICABLE CODE, USING THE FOLLOWING LOADS: DEAD, LIVE, WIND, SNOW AND EARTHQUAKE.
- 7. ROOF LIVE LOADS SHALL BE APPLIED TO THE HORIZONTAL ROOF PROJECTION. WIND LOADS SHALL BE ASSUMED TO ACT HORIZONTALLY AND SHALL BE APPLIED AS PRESSURE AND SUCTION IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE.
- 8. DESIGNS SHALL INCLUDE ALL MECHANICAL LOADS, CRANE LOADS, HEAVY PIPES, CATWALKS, STAGE RIGGING, ETC. PER ARCHITECTURAL, STRUCTURAL, AND MECHANICAL PLANS AND DETAILS
- 9. ALL FRAMING MEMBERS SHALL BE SHOP-FABRICATED FOR BOLTED FIELD ASSEMBLY.
- 10. ALL HOT ROLLED STEEL SHEET, PLATE, AND STRIP FOR BUILT-UP SECTIONS SHALL HAVE A MINIMUM YIELD POINT OF 50,000 PSI. HOT ROLLED STRUCTURAL SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPEC. A-36. TWELVE, FOURTEEN, FIFTEEN, AND SIXTEEN GAGE COLD FORMED SECTIONS SHALL HAVE A MINIMUM TENSILE STRENGTH OF 62,500 PSI. GALVANIZED SHEET AND STRIP FOR STRUCTURAL FRAMING MEMBERS SHALL CONFORM TO ASTM SPECIFICATION A-446, GRADE A.
- 11. ALL SHOP CONNECTIONS SHALL BE BY WELDING IN ACCORDANCE WITH THE AWS 'STRUCTURAL WELDING CODE,' LATEST EDITION. WELDING SHALL BE BY SUBMERGED ARC OR GAS SHIELDING ARC PROCESS.
- 12. ALL FIELD CONNECTIONS SHALL BE BOLTED WITH ASTM SPECIFICATION A-307 OR A-325 AS SHOWN ON DRAWINGS. A-325 BOLTS SHALL BE TIGHTENED BY TURN OF THE NUT METHOD WHERE REQUIRED, CONNECTIONS IN THE SECONDARY MEMBERS SHALL BE MADE WITH SPECIAL OVAL HEAD BOLTS AND HEX NUTS. THE FRAYING SURFACES OF ALL BOLTED CONNECTIONS SHALL BE SMOOTH AND FREE FROM BURRS OR DISTORTIONS.
- 13. ALL FRAMING MEMBERS SHALL CARRY AN EASILY VISIBLE IDENTIFYING MARK.

GALVALUME STEEL COLD-FORMED PANELS.

THE CONCRETE FOUNDATION.

- 14. WIND BRACING SHALL CONSIST OF DIAGONAL BRACING, WIND POSTS OR BENTS. DIAGONAL BRACING SHALL BE PROVIDED IN ROOF AS INDICATED ON DRAWINGS. DOUBLE ROOF PURLINS, INTER-CONNECTED BY DIAPHRAGMS, SHALL BE PROVIDED BETWEEN THE RIGID FRAMES AT ALL POINTS OF ATTACHMENT OF DIAGONAL ROOF BRACING.
- 15. WHERE PURLINS ARE FASTENED TO RIGID FRAMES, BLOCKING, CLIP CONNECTIONS SHALL BE PROVIDED TO PREVENT "ROLL" OF THE PURLINS. PURLINS SHALL BE LAPPED AND BOLTED FOR CONTINUITY TO PREVENT SCISSORING EFFECT OF THE MEMBERS OVER THE GIRDERS.
- ALLOWABLE COMPRESSIVE STRESS IS ADEQUATE FOR ANY COMBINATION OF LOADING.

 17. TYPICAL ROOF, WALL, AND INTERIOR LINER PANELS SHALL BE 26 GAGE GALVANIZED STEEL OR

16. THE INSIDE OF ALL RIGID FRAMES SHALL BE BRACED LATERALLY BY ANGLES CONNECTED TO

THE FLANGE AND WEB OF THE FRAME AND TO THE WEB OF THE PURLIN OR GIRT SO THAT THE

18. ANCHOR BOLTS SHALL RESIST 100 PERCENT OF THE CRITICAL COLUMN REACTIONS (SHEAR AND TENSION) DETERMINED FROM THE LOAD COMBINATIONS. THE MANUFACTURER IS RESPONSIBLE FOR THE NUMBER OF BOLTS, ANCHOR BOLT DIAMETER, AND PROJECTION ABOVE

1-14-21

General Notes

PLEASE NOTE:

Revision/Issue

Date

Engineering for
Architectural ● Mechanical
Systems

Eric N. Wooldridge, P.E. 512 Hwy 300 Stanford, KY 40484 606.365.8070 606.669.0612 (cell) eric.wds@gmail.com

SE WATER OFFICE PIPE STORAGE

PULASKI CO. KY

PROJECT NAME AND ADDRESS

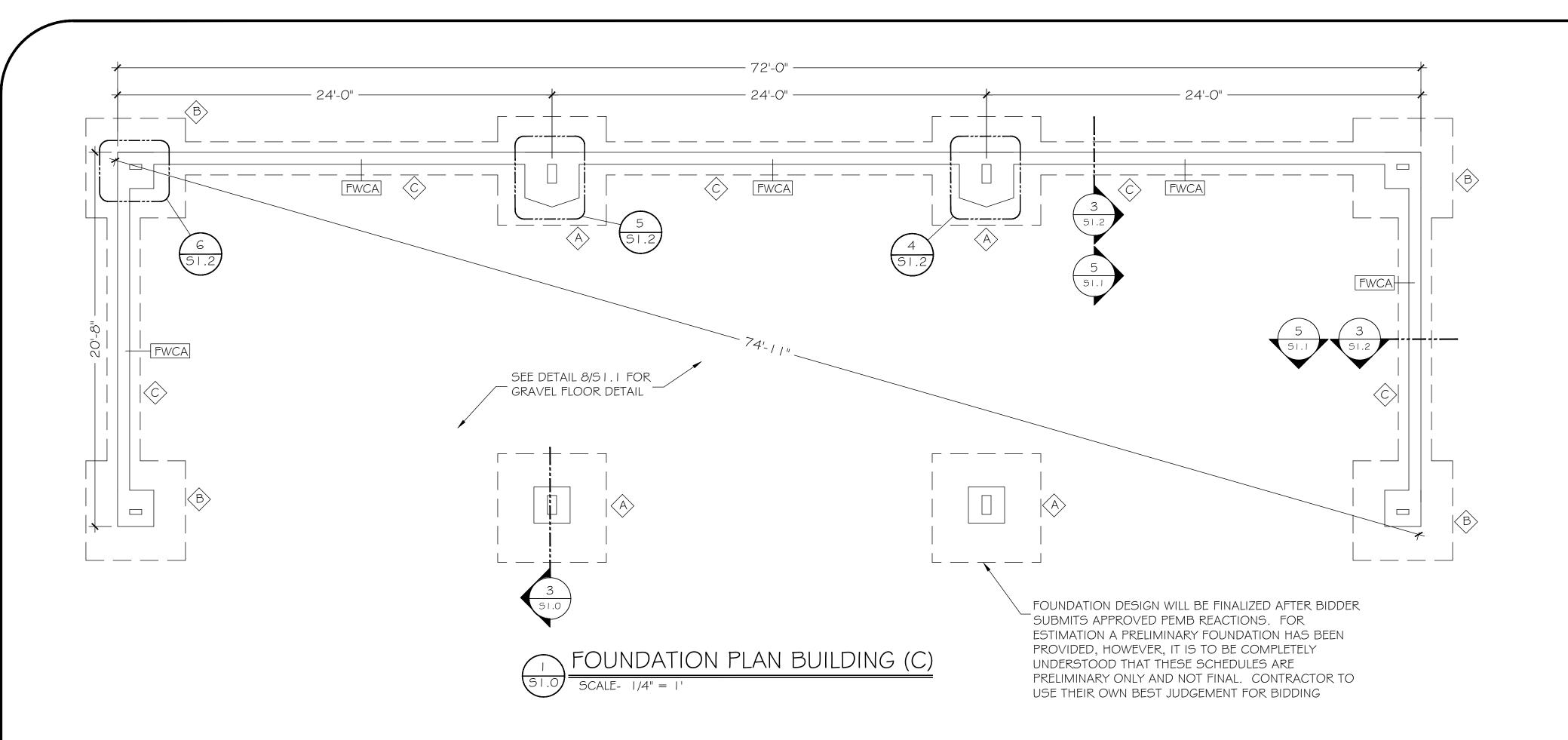
SHEET NAME

SPECIFICATIONS

PROJECT NUMBER SHEET
1738

DATE:
1-14-21

SCALE
AS NOTED



	ESTIMATED/PRELIMINARY - FOOTING SCHEDULE									
	DIMENSIONS/REINFORCEMENT/NOTES									
SYMBOL	SIZE W X L X T	BOTTOM BARS	TOP BARS	STEEL COVERAGE	CONC STRENGTH	STEEL STRENGTH	PIER/BASEPLATE SIZE	KEY SIZE	FOOTING DEPTH	NOTES
А	72X72X12	(6) NO. 5 BARS EACH WAY	(5) NO. 3 BARS EACH WAY	3"	4000 psi	60 ksi	USE PIER AA	NA	BOTTOM OF FTG, 30" BELOW FINISH GRADE, MIN.	SEE STEEL & CONC SPECIFICATIONS FOR MATERIALS AND REQUIREMENTS
В	50X50X12	(5) NO. 5 BARS EACH WAY	NA	3"	4000 psi	60 ksi	USE PIER AA	NA	BOTTOM OF FTG, 30" BELOW FINISH GRADE, MIN.	SEE STEEL & CONC SPECIFICATIONS FOR MATERIALS AND REQUIREMENTS
C (STEM WALL FTG)	12XCONT.X12	(2) NO. 5 BARS CONTINUOUS NO. 5 BARS @ 24" OC	NA	3"	4000 psi	60 ksi		NA	BOTTOM OF FTG, 30" BELOW FINISH GRADE, MIN.	SEE STEEL & CONC SPECIFICATIONS FOR MATERIALS AND REQUIREMENTS

ESTIMATED/PRELIMINARY - FOUNDATION PIER SCHEDULE DIMENSIONS/REINFORCEMENT/NOTES STEEL COVERAGE CONC STEEL STRENGTH STRENGTH VERTICAL SYMBOL NOTES WXDXHSIZE & SPACING SEE STEEL & CONC SPECIFICATIONS FOR MATERIALS AND REQUIREMENTS NO. 3 @ 10" MAX (2 MIN.) (8) NO. 5 BARS W/ 6" HOOKS AA 24X24X12 TO 24 60 ksi 4000 psi SEE STEEL & CONC SPECIFICATIONS FOR MATERIALS AND REQUIREMENTS (8) NO. 6 BARS W/ 6" HOOKS NO. 3 @ 10" MAX (2 MIN.) BB 26X26X AS NEEDED 60 ksi 4000 psi NO. 3 @ 10" MAX (2 MIN.) CC 14X14X AS NEEDED 4000 psi 60 ksi

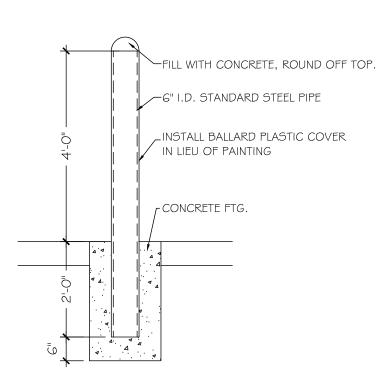
CONCRETE BUILDING WALL SCHEDULE							
DIMENSIONS/REINFORCEMENT/NOTES							
SYMBOL	SIZE	VERTICAL BARS	HORIZONTAL REINFORCEMENT	STEEL COVERAGE	CONC STRENGTH	STEEL STRENGTH	NOTES
CBWA	8"	NO. 5 @ 18" OC MATCH LOCATIONS WITH FOUNDATION WALL	#4 BARS @ 12" OC MAX SPACING & W/N 4" OF TOP AND BOTTOM OF FOUNDATION WALL.	3" MIN.	4000 psi	60 ksi	SEE CONC SPECIFICATIONS FOR MATERIALS AND REQUIREMENTS

FOUNDATION WALL SCHEDULE - CONCRETE CONSTRUCTION								
DIMENSIONS/REINFORCEMENT/NOTES								
SYMBOL	SIZE	VERTICAL BARS	HORIZONTAL REINFORCEMENT	STEEL COVERAGE	CONC STRENGTH	STEEL STRENGTH	NOTES	
FWCA	8"	NO. 5 @ 18" OC	SEE STEM WALL DETAIL	3" MIN.	4000 psi	60 ksi	SEE CONC SPECIFICATIONS FOR MATERIALS AND REQUIREMENTS	
FWCB	14"	NO. 5 @ 24" OC	SEE STEM WALL DETAIL	3" MIN.	4000 psi	60 ksi	SEE CONC SPECIFICATIONS FOR MATERIALS AND REQUIREMENTS	

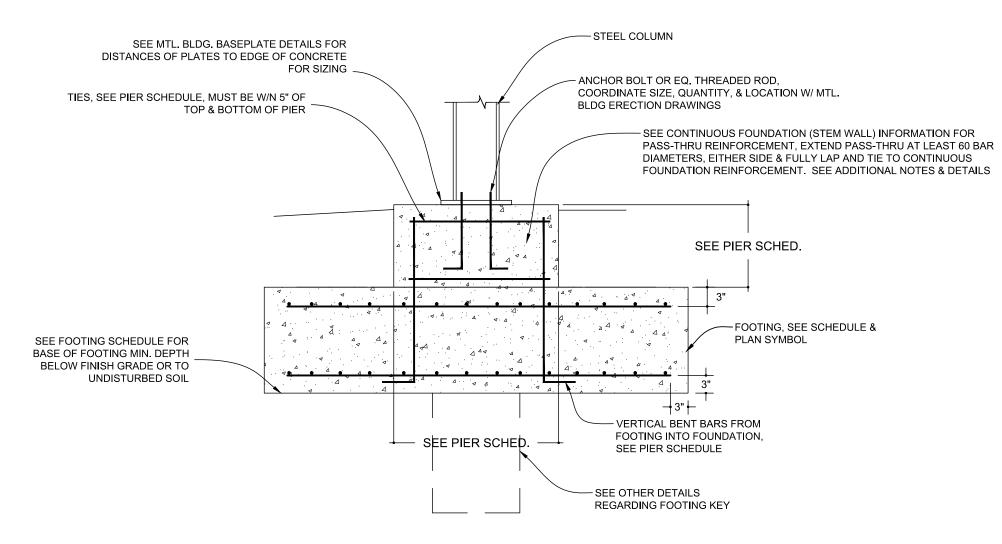
TYPICAL FOUNDATION/ SITE NOTES:

- 1. THE CONTRACTOR/OWNER AT THEIR OWN EXPENSE IS TO OBTAIN AND FULLY REVIEW A GEOTECHNICAL REPORT FOR THIS PROJECT, AND PROVIDE A COPY OF THE REPORT TO THE OWNER AND ENGINEER. THE CONTRACTOR IS TO FULLY ADHERE TO ALL EXCAVATION AND PROCEDURAL RECOMMENDATIONS PROVIDED THEREIN. INCLUDING BUT NOT LIMITED TO, THE EXCAVATION, ADDRESSING SOLID ROCK, BACKFILLING, ETC.
- CONTRACTOR TO VERIFY MIN. OF 2000 PSF SOIL BEARING CAPACITY, AND OTHER APPROPRIATE SOIL BEARING CONDITIONS PRIOR TO CONSTRUCTION FOR ALL FOUNDATION COMPONENTS.
- 3. THE PROVIDED FOUNDATION PLAN IS SCHEMATIC IN NATURE AND BASED ON THE DRAWINGS PROVIDED BY THE PEMB MANUFACTURER AND IS TO BE SUPERSEDED BY ANY SUCH DRAWINGS OR DETAILS. CONTRACTOR IS TO REFERENCE THE DRAWINGS PROVIDED BY THE PEMB MANUFACTURER FOR ALL BUILDING AND FOUNDATION DIMENSIONS AS WELL AS LOCATION DIMENSIONS WERE ASSOCIATED WITH PIERS, FOOTINGS, STEM WALLS, AND OTHER SUCH FOUNDATION DETAILS.

 4. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS
- CONTRACTOR AT HIS OWN EXPENSE, TO CONSULT WITH GEOTECHNICAL ENGINEER WHERE SOIL CONDITIONS ARE DISCOVERED TO BE ABNORMAL OR DEVIATE FROM THE AVERAGE SITE CONDITIONS OR FROM CONDITIONS AS STATED BELOW TO BE IN EXISTENCE
- 6. THE DESIGN IS BASED SOLELY ON INFORMATION PROVIDED BY OWNER INCLUDING THE FOLLOWING:
- 6.1. THE BUILDING SITE IS RELATIVELY LEVEL & SUITABLE FOR CONSTRUCTION
 6.2. THE SITE IS UNIFORM IN COMPOSITION W/ NO OBVIOUS ABNORMALITIES OR DRAINAGE ISSUES
 6.3. THE SITE IS UNDISTURBED AND IS NOT COMPOSED OF FILL OR COMPACTED FILL
 7. AN EXHAUSTIVE SITE INVESTIGATION HAS NOT BEEN PERFORMED FOR THIS PROJECT
- 8. THE ENGINEER WHOSE SEAL APPEARS ON THESE PLANS DOES NOT PROVIDE INSPECTIONS OF CONSTRUCTION. SAID ENGINEER MAY MAKE PERIODIC OBSERVATIONS OF THE CONSTRUCTION. SUCH OBSERVATIONS SHALL NOT REPLACE REQUIRED INSPECTIONS BY THE GOVERNING AUTHORITIES OR SERVE AS "SPECIAL INSPECTIONS" AS MAY BE REQUIRED BY CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE.
- ADDITIONAL WORK IN THE FORM OF GEOTECHNICAL AND/OR CIVIL ENGINEERING RELATED TO SITE, WATERSHED, SURCHARGING, ETC TO BE PROVIDED BY OTHERS.
 IF REQUIRED, SPECIAL INSPECTIONS FOR THIS PROJECT ARE TO BE PROVIDED BY OTHERS
- IF REQUIRED, SPECIAL INSPECTIONS FOR THIS PROJECT ARE TO BE PROVIDED BY OTHERS AT THE CONTRACTOR'S/OWNER'S OWN EXPENSE, SEE OTHER INFORMATION REGARDING SPECIAL INSPECTION REQUIREMENTS.
 THE PERIMETER STEM WALL SYSTEM IS A FUNCTIONAL AND CRITICAL COMPONENT OF THE BUILDING FRAME STRUCTURAL RESISTANCE, THEREFORE CARE IS TO BE MADE BY THE CONTRACTOR IN ALL PASS-THRU REINFORCEMENT CONNECTIONS WITH FOOTINGS AND PIERS SUCH THAT STEM WILL FULLY ENGAGE WITH ALL FOOTINGS AND PIERS.
- 12. WHERE APPLICABLE, THE SLAB EMBEDDED HAIRPIN SYSTEM IS A FUNCTIONAL AND CRITICAL COMPONENT OF THE BUILDING FRAME STRUCTURAL RESISTANCE, THEREFORE CARE IS TO BE MADE BY THE CONTRACTOR IN ALL RELATED REINFORCEMENT CONNECTIONS WITH THE SLAB AND PIERS SUCH THAT HAIRPINS WILL FULLY ENGAGE WITH ALL PIERS.



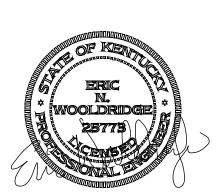




SINGLE COLUMN FOUNDATION

General Notes

PLEASE NOTE:



1-14-21

. Revision/Issue

Date

Wooldridge Design Services, PLLC

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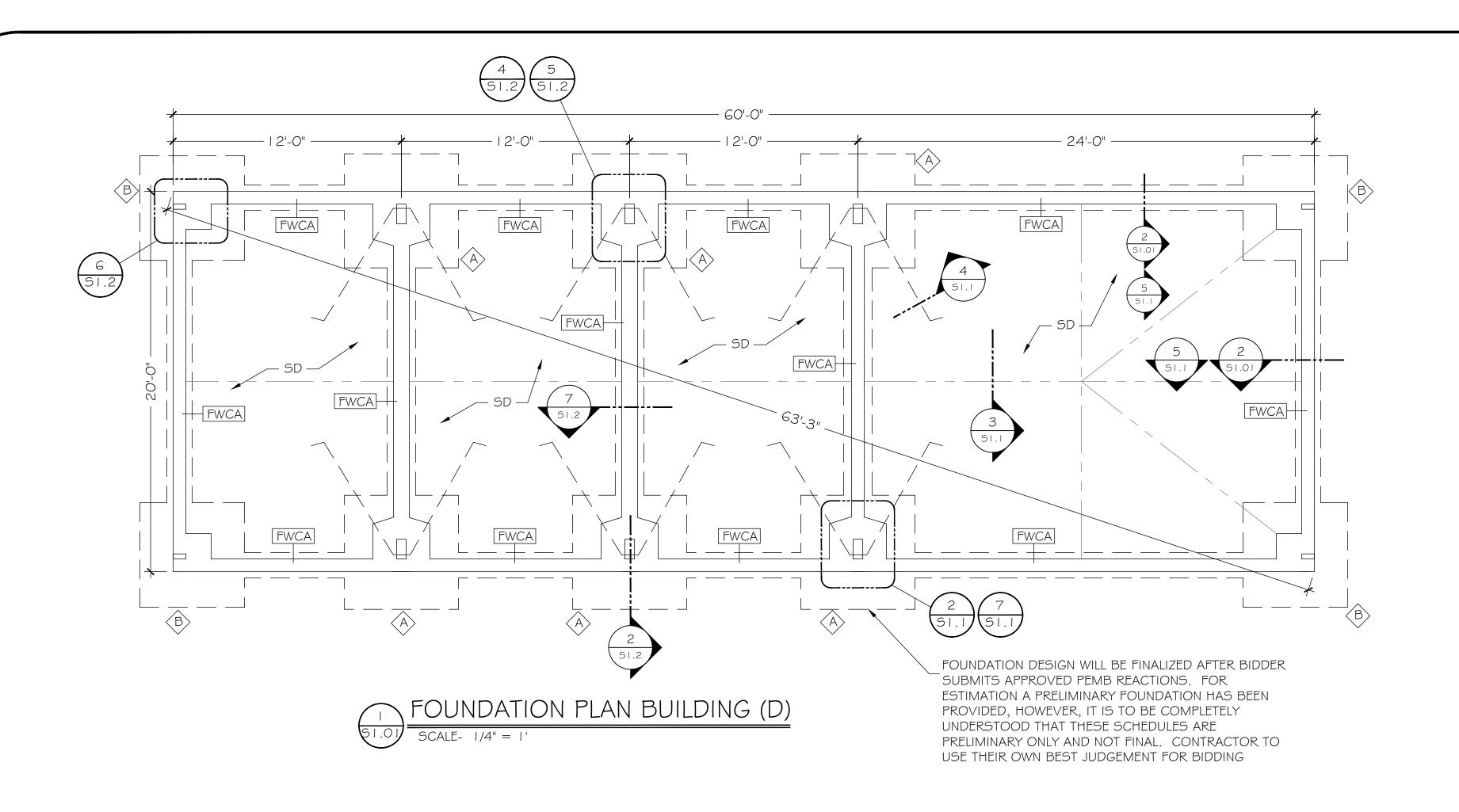
SHEET NAME

FOUNDATION PLAN PIPE STORAGE BUILDINGS

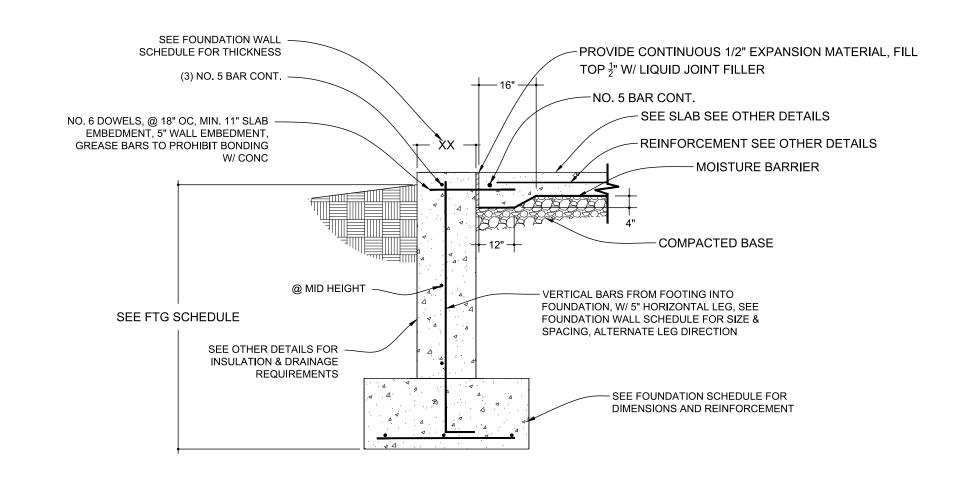
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SLAB SYSTEM SCHEDULE									
	DIMENSIONS/REINFORCEMENT/SPECIFICATIONS/NOTES								
SYMBOL	THICKNESS	REINFORCEMENT	FINISH	STEEL COVERAGE	CONC STRENGTH	STEEL STRENGTH	BASE	CONTINUOUS MOISTURE BARRIER	NOTES
SA	8"	NO. 4 BARS @ 12" OC EW	STEEL TROWEL SMOOTH FINISH	4" MIN.	4000 psi	65 ksi	4" COMPACTED, CRUSHED STONE	6 MIL PLASTIC SHEETING, W/ MIN. 3" SHEETING LAP	SEE STEEL & CONC SPECIFICATIONS FOR ADDTIONAL MATERIALS AND REQUIREMENTS
SB	5.5"	6X6 W2.5/W2.5 MIN. 6" LAP & TIE @ 12" OC	STEEL TROWEL SMOOTH FINISH	2.5" MIN.	4000 psi	65 ksi	4" COMPACTED, CRUSHED STONE	6 MIL PLASTIC SHEETING, W/ MIN. 3" SHEETING LAP	SEE STEEL & CONC SPECIFICATIONS FOR ADDITIONAL MATERIALS AND REQUIREMENTS
sc	5"	6X6 W1.7XW1.7	LIGHT BROOM, NON SLIP FINISH	2.25"	4000 psi	65 ksi	4" COMPACTED, CRUSHED STONE	6 MIL PLASTIC SHEETING, W/ MIN. 3" SHEETING LAP	SEE STEEL & CONC SPECIFICATIONS FOR ADDTIONAL MATERIALS AND REQUIREMENTS
SD	8"	NO. 4 BARS @ 12" OC EW	LIGHT BROOM, NON SLIP FINISH	4" MIN.	4000 psi	65 ksi	6" COMPACTED, CRUSHED STONE	6 MIL PLASTIC SHEETING, W/ MIN. 3" SHEETING LAP	SEE STEEL & CONC SPECIFICATIONS FOR ADDTIONAL MATERIALS AND REQUIREMENTS

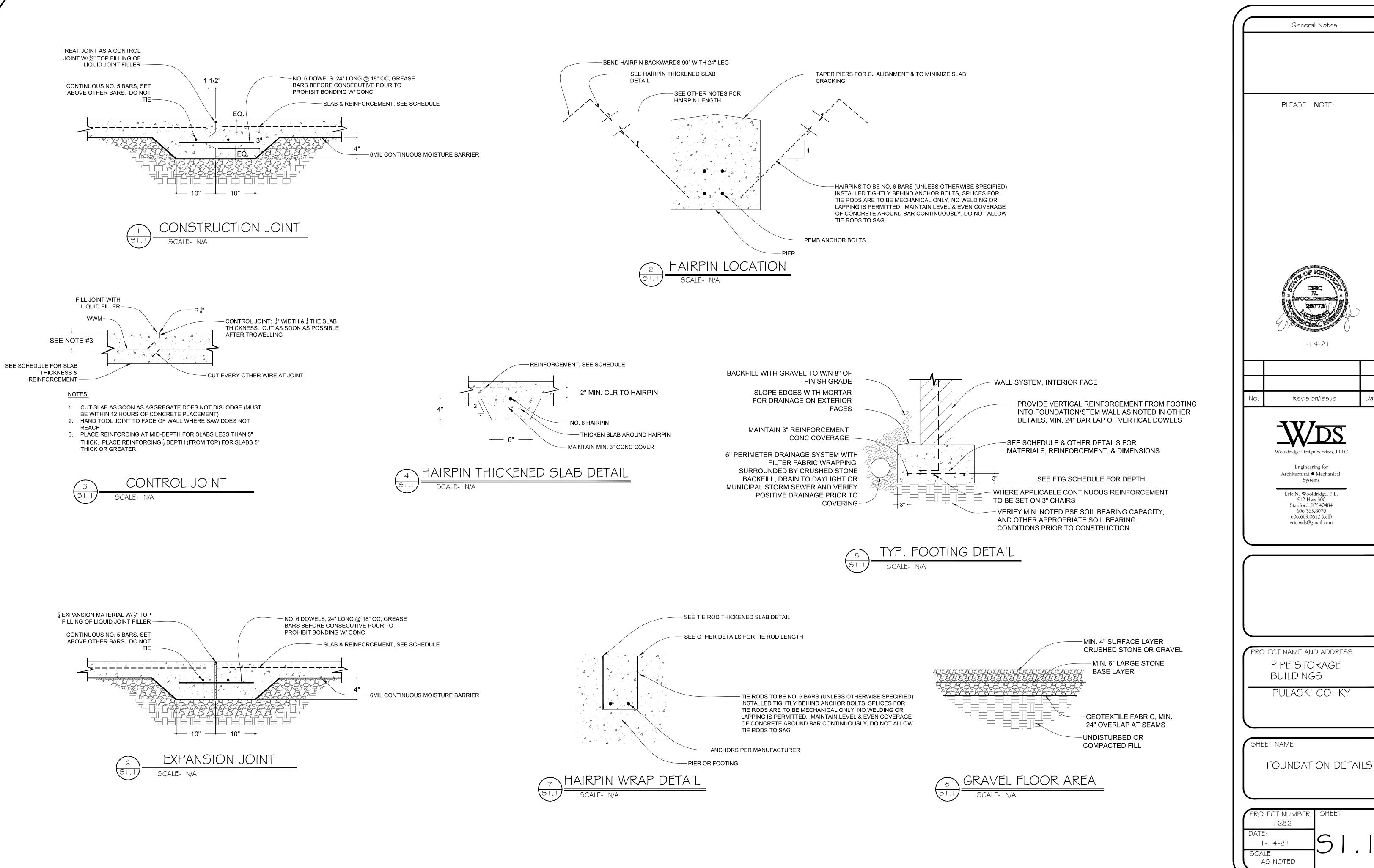




General Notes PLEASE NOTE: 1-14-21 Revision/Issue Wooldridge Design Services, PLLC Engineering for Architectural ● Mechanical Systems Eric N. Wooldridge, P.E. 512 Hwy 300 Stanford, KY 40484 606.365.8070 606.669.0612 (cell) eric.wds@gmail.com PROJECT NAME AND ADDRESS SE WATER OFFICE PIPE STORAGE PULASKI CO. KY SHEET NAME

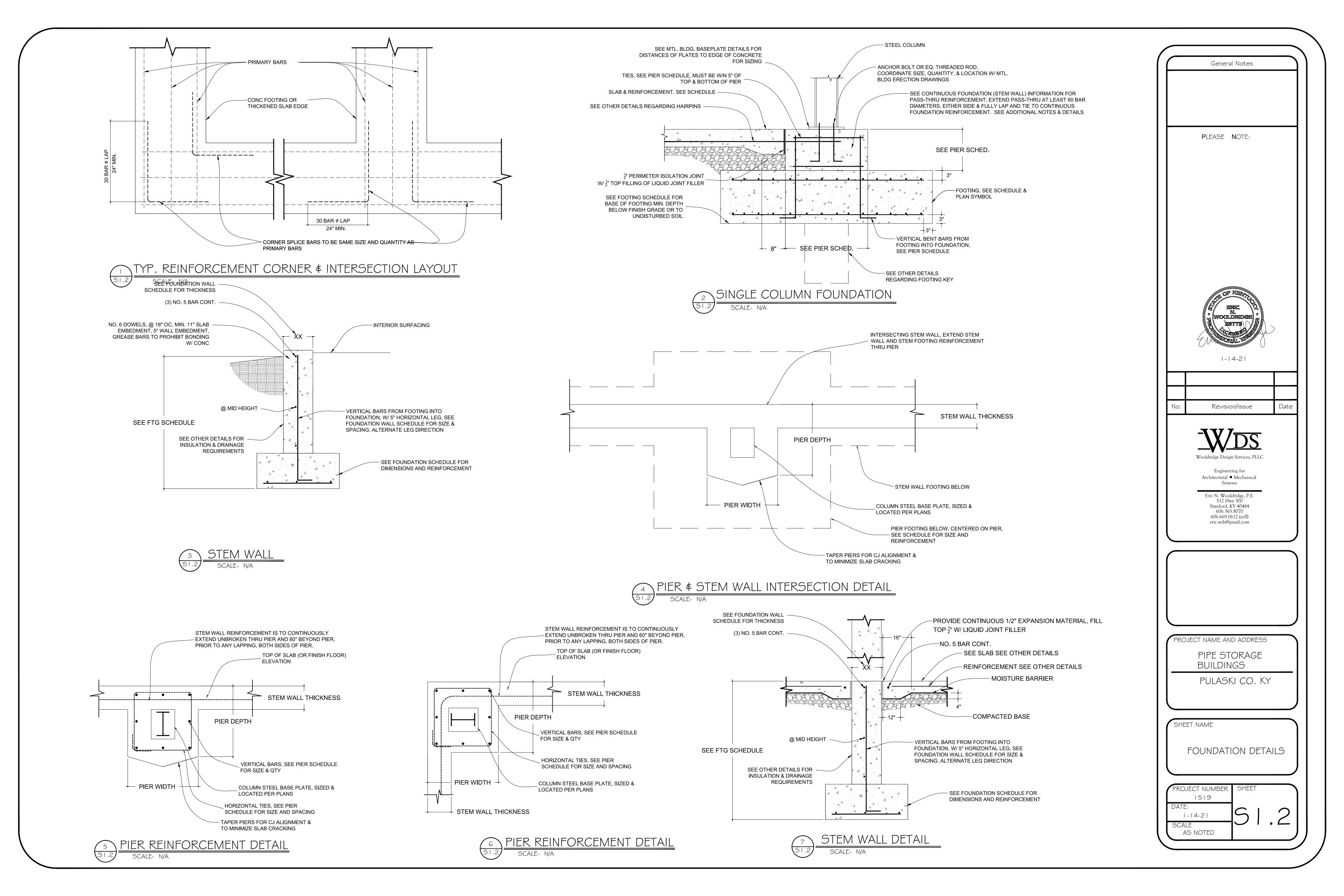
FOUNDATION PLAN PIPE STORAGE BUILDINGS

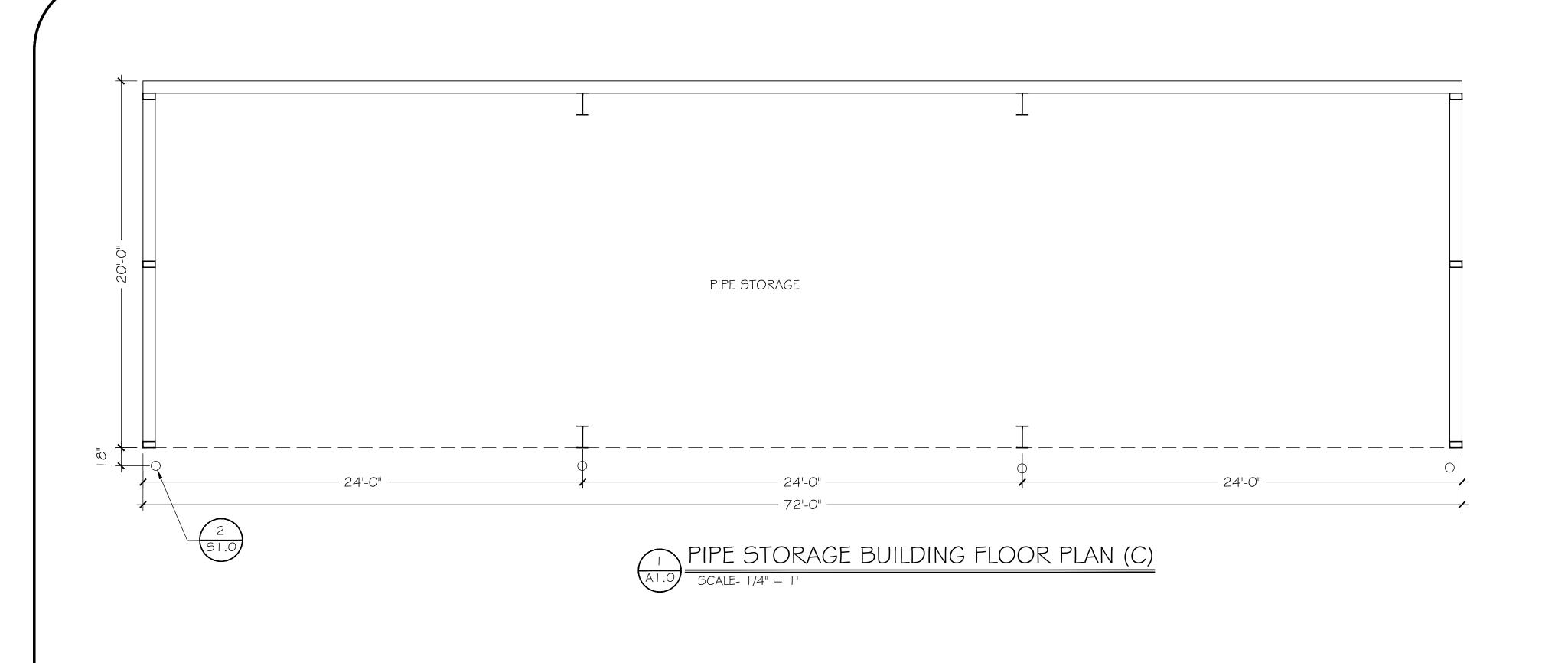
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	DATE: 1-14-21	51.01
	SCALE AS NOTED	

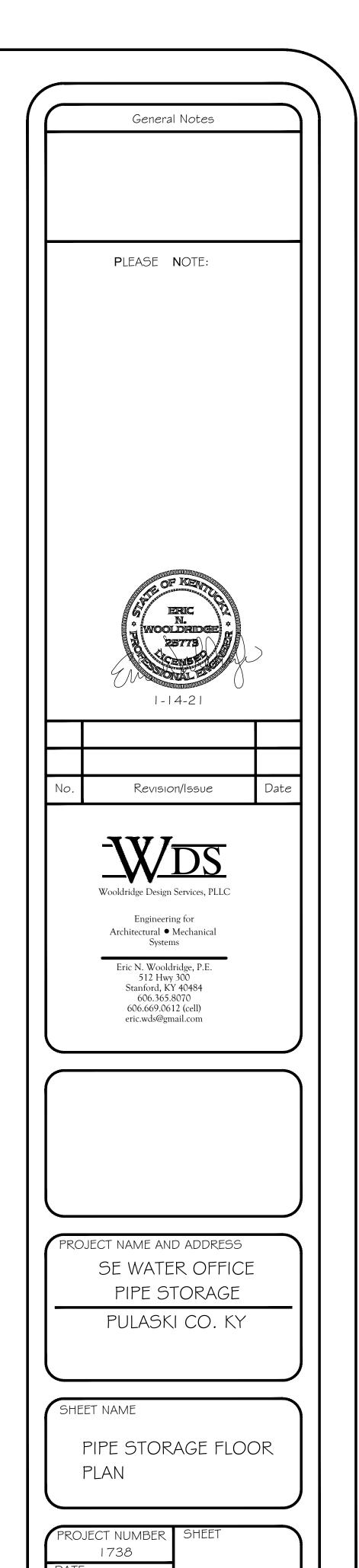


General Notes Revision/Issue Architectural • Mechanical Eric N. Wooldridge, P.E. PROJECT NAME AND ADDRESS PIPE STORAGE

Date

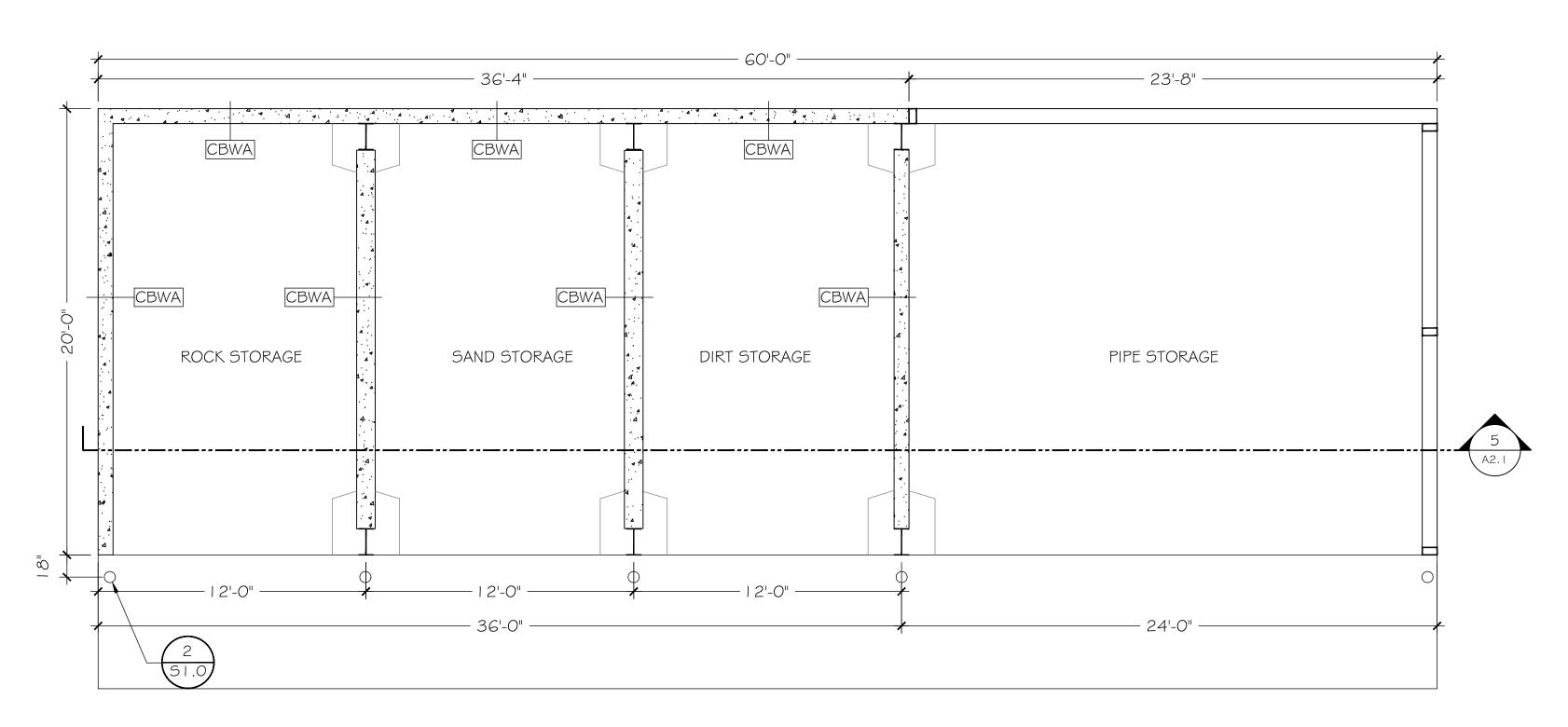






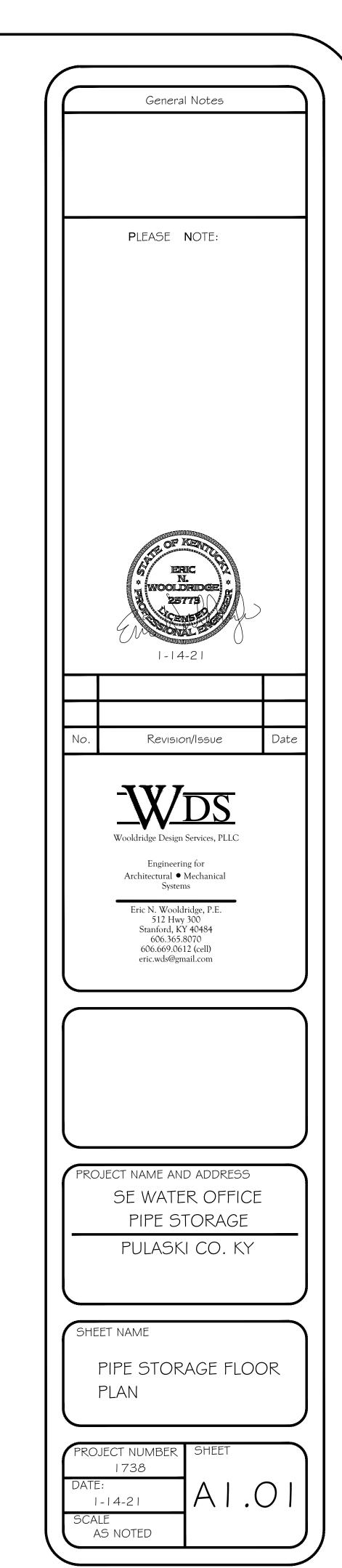
1-14-21

AS NOTED



PIPE \$ ROCK STORAGE BUILDING FLOOR PLAN (D)

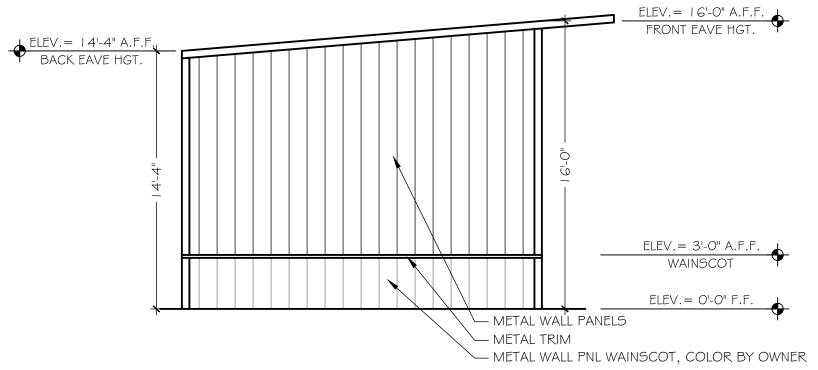
SCALE- 1/4" = 1'





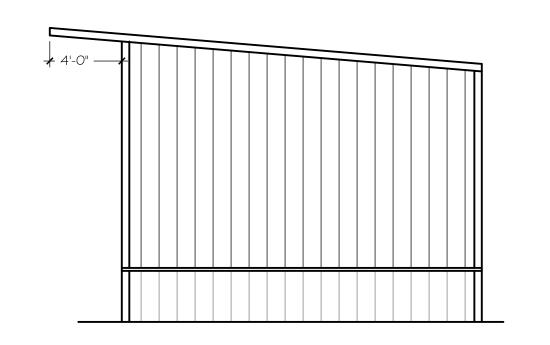
FRONT ELEVATION BUILDING (C)

SCALE- 3/16" = 1'



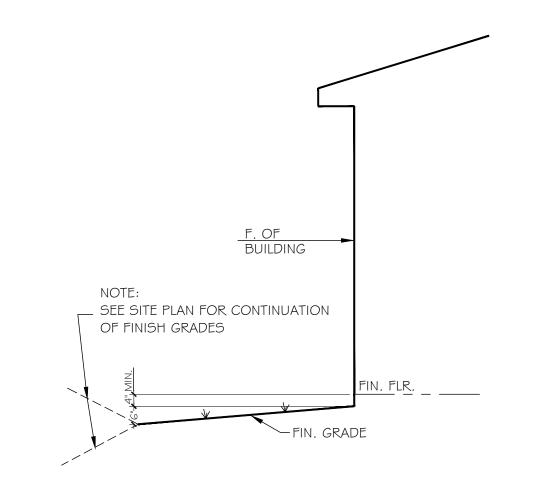
LEFT ELEVATION BUILDING (C)

SCALE- 3/16" = 1'

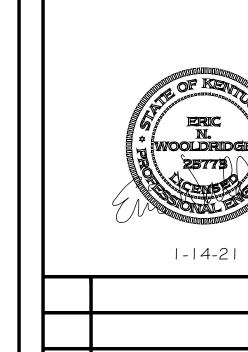


RIGHT ELEVATION BUILDING (C)

SCALE- 3/16" = 1'



TYP. MIN. GRADE DETAIL AT PERIMETER OF BUILDING



Wooldridge Design Services, PLLC

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Stanford, KY 40484

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PIPE STORAGE BUILDINGS

PULASKI CO. KY

SHEET NAME

ELEVATION VIEWS PIPE STORAGE

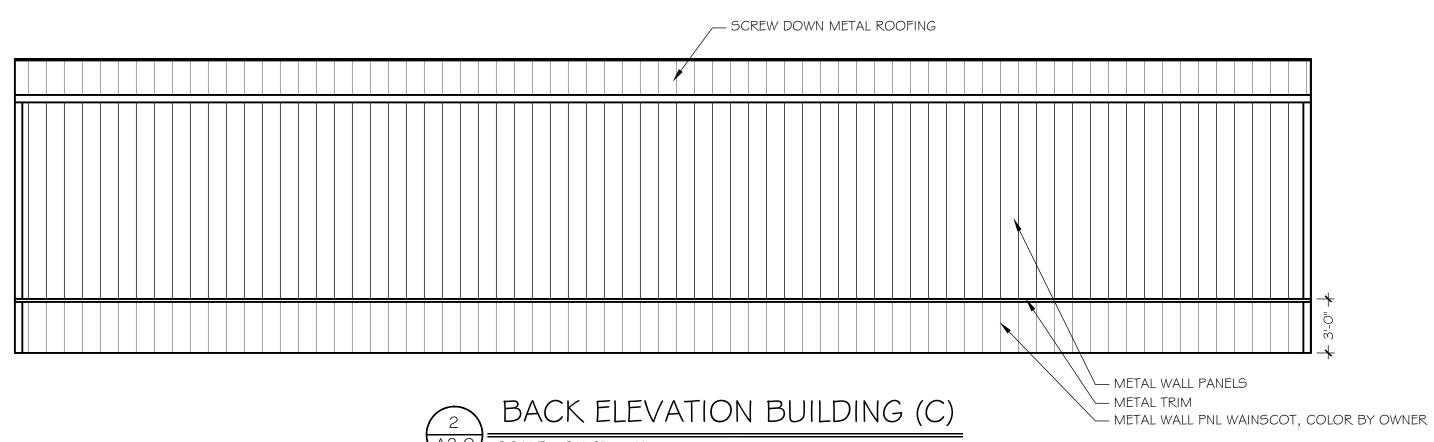
PROJECT NUMBER 1738

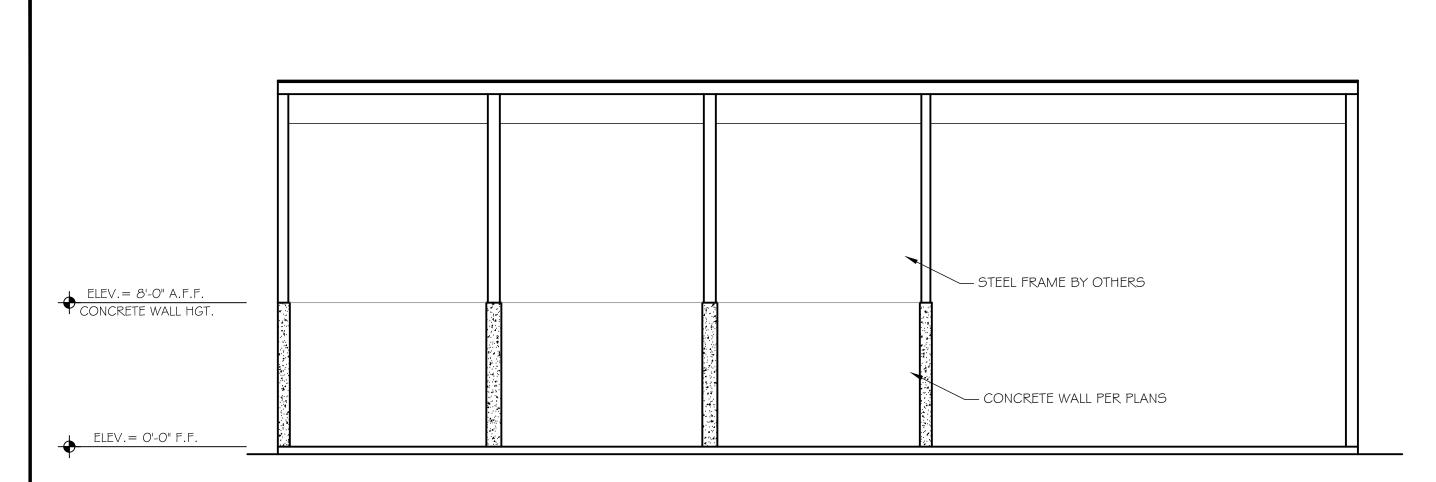
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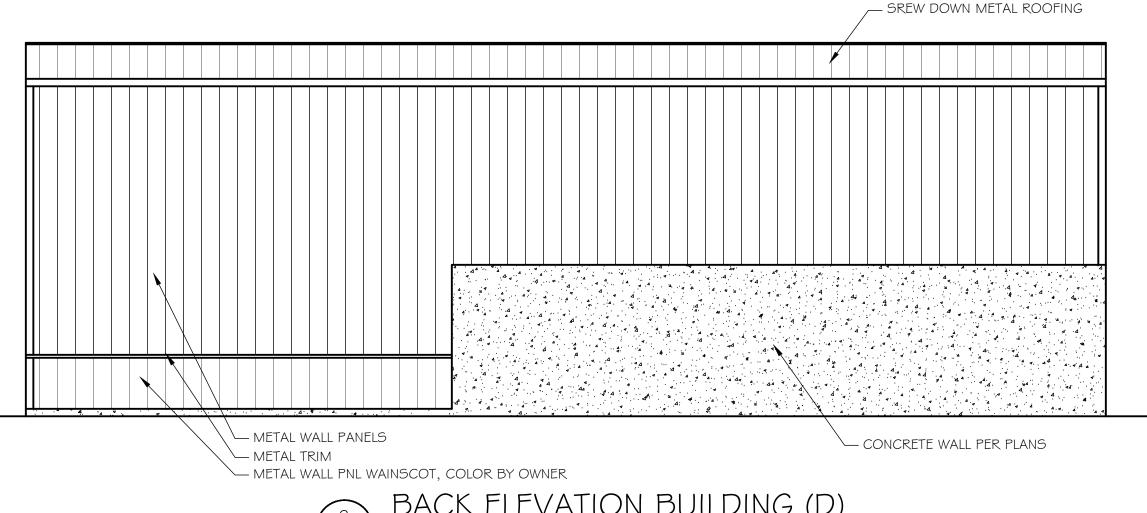
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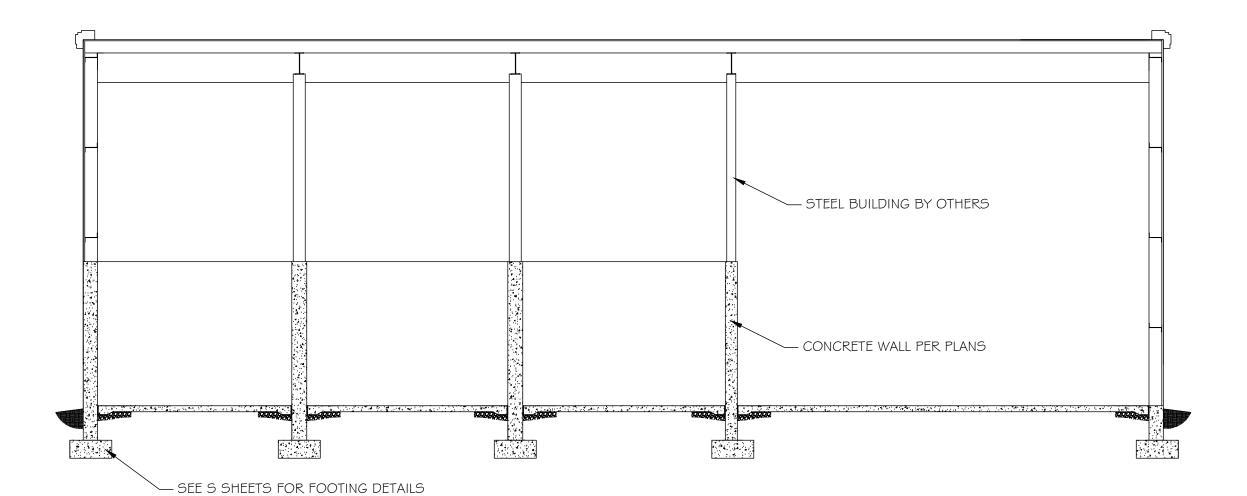


FRONT ELEVATION BUILDING (D) SCALE- 3/16" = 1'

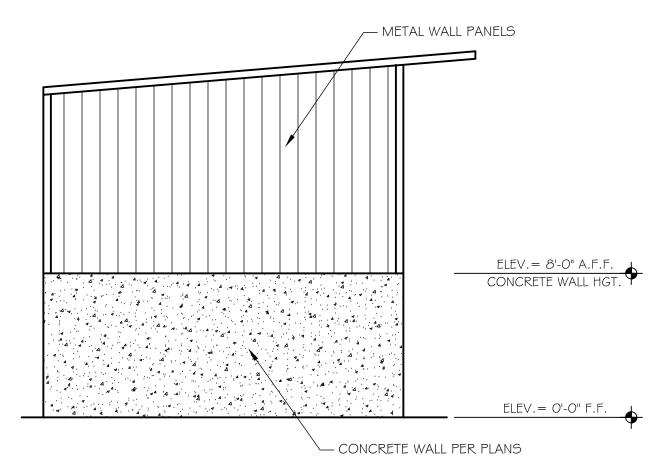


BACK ELEVATION BUILDING (D)

SCALE- 3/16" = 1'

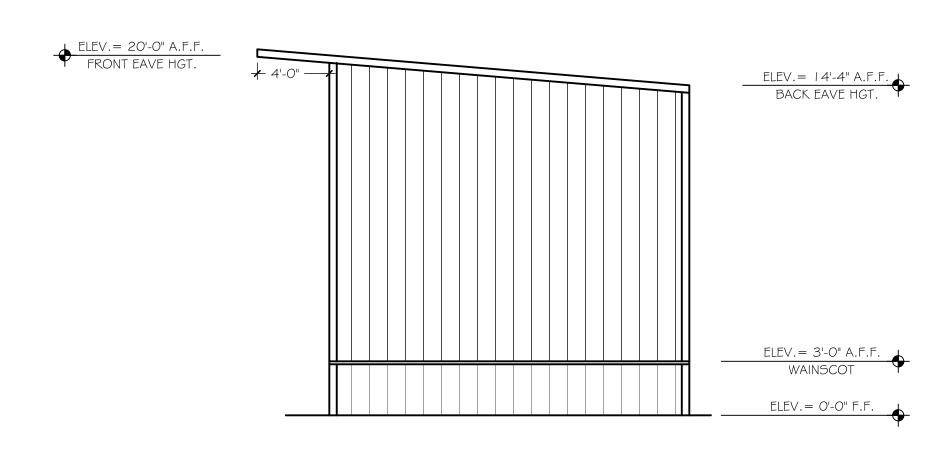






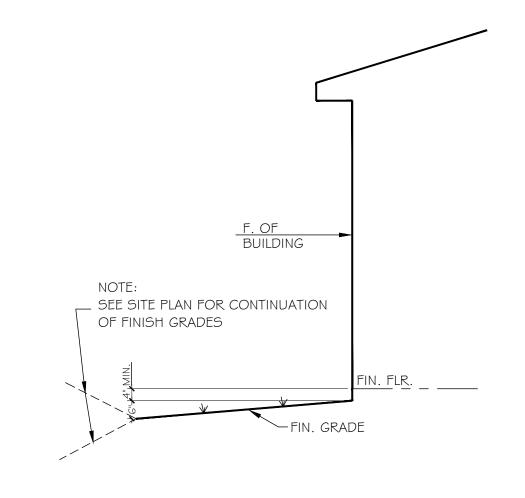
LEFT ELEVATION BUILDING (D)

SCALE- 3/16" = 1'

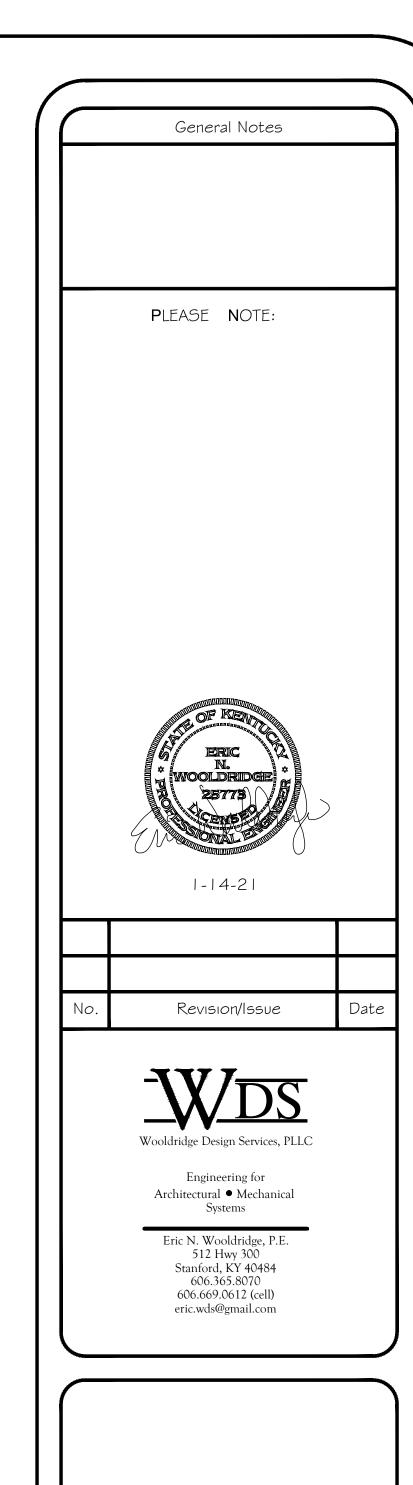


RIGHT ELEVATION BUILDING (D)

SCALE- 3/16" = 1'



TYP. MIN. GRADE DETAIL AT PERIMETER OF BUILDING



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