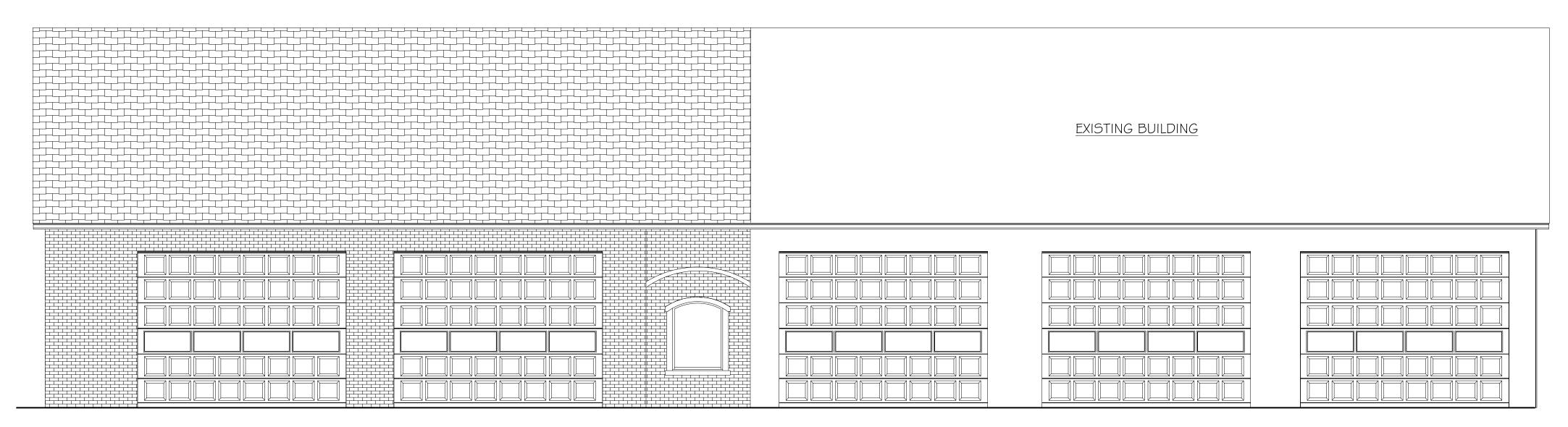
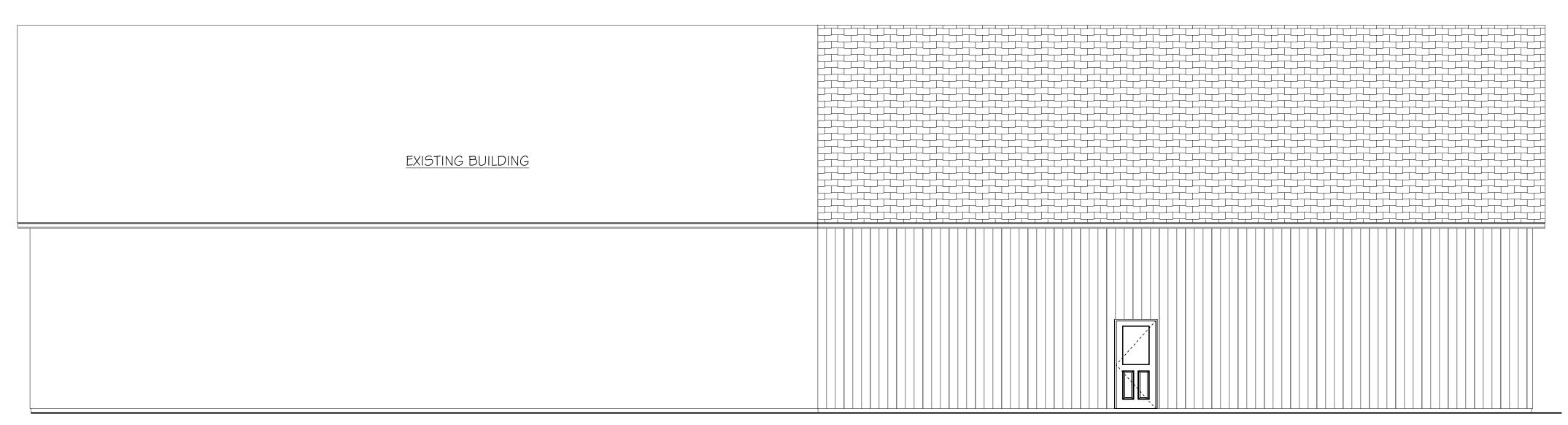
	SITE ADDRESS:	PERMIT #	SCOPING REQUIREMENTS:	
DRAWING SCHEDULE COVER SHEET ELEVATIONS 2	LANDISBURG FIRE C 30 FACULTY AVE LANDISBURG PA 7		203.9 EMPLOYEE WORK AREAS. SPACES AND ELEMENTS WITHIN EMPLOYEE WORK AREAS SHALL ONLY BE REQUIRED TO COMPLY WITH 206.2.8, 207.1, AND 215.3 AND SHALL BE DESIGNED AND CONSTRUCTED SO THAT INDIVIDUALS WITH DISABILITIES CAN APPROACH, ENTER, AND EXIT THE EMPLOYEE WORK AREA. EMPLOYEE WORK AREAS	
SECTIONS3	CONTRACTOR:	SCOPE OF WORK:	OR PORTIONS OF EMPLOYEE WORK AREAS, OTHER THAN RAISED COURTROOM STATIONS, THAT ARE LESS THAN 300	
		CONSTRUCT A UTILTY BUILDING ADDITION	SQ FT (28 M2) AND ELEVATED 7 INCHES (180 MM) OR MORE ABOVE THE FINISH FLOOR OR GROUND WHERE THE ELEVATION IS ESSENTIAL TO THE FUNCTION OF THE SPACE SHALL NOT BE REQUIRED TO COMPLY WITH THESE REQUIREMENTS OR TO BE ON AN ACCESSIBLE ROUTE.	
			- ALL EXISTING SPACES ARE ACCESSIBLE	
	GENERAL CONSTRUCTION NOTES FOR TYPE 5 B	RAL CONSTRUCTION NOTES FOR TYPE 5 B		
GENERAL 1. GOVERNING CODE 2015 INTERNATIONAL BUILDING CODE 2. DESIGN LIVE LOADS, PSF: ROOF: GROUND SNOW: 30 PSF SNOW EXPOSURE FACTOR: 1.0 SNOW IMPORTANCE FACTOR: 1.0 THERMAL FACTOR: 1.0 WIND: WINDSPEED: 90 MPH WIND EXPOSURE CATEGORY: EXPOSURE 'C' WIND IMPORTANCE FACTOR: 1.0	CONCRETE 1. ALL CONCRETE WORK SHALL BE IN CONFORMANCE WITH BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AC #318 AND "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" ACI 301 LATEST EDITION. CONCRETE REINFORCEMENT SHALL BE DETAILED. FABRICATED AND PLACED IN ACCORDANCE WITH THE ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES". ACI 315. 2. ALL CONCRETE SHALL BE READY MIX AND DESIGNED IN ACCORDANCE WITH ACI 301. 3. CONCRETE SHALL ATTAIN THE FOLLOWING MINIMUM COMPRESSIVE STRENGTHS IN 28 DAYS, U.N.O. A. FOOTINGS AND INTERIOR PIERS: 3.000 PSI B. SLABS ON GRADE: 3.500 PSI C. EXPOSED/EXTERIOR CONCRETE: 4000 PSI (W/ AIR) D. ALL OTHER CONCRETE, U.N.O.: 3.000 PSI 4. ALL CONCRETE SHALL HAVE: A SLUMP OF 4" (PLUS OR MINUS 1"). 2 TO 4 PERCENT AIR ENTRAINMEN, AND A MAXIMUM WATER/CEMENT RATION OF 0.58.	MASONRY 1. MORTAR: TYPE M - BELOW GRADE, TYPE S - ABOVE GRADE, TYPE N - VENEERS 2. PROVIDE I 00% SOLID BEARING, MINIMUM 3 COURSES UNDER BEAMS, I COURSE UNDER JOISTS UNLESS NOTED OTHERWISE. 3. FILL CORE SOLID AROUND ANCHOR BOLTS. 4. HOLLOW CORE MASONRY UNITS TO BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS, WEBS SHALL ALSO BE BEDDED IN ALL COURSES IN PIERS AND PILASTERS, AND IN THE STARTING COURSE ON FOOTINGS, AND WHEN ADJACENT TO CELLS OR CAVITIES TO BE REINFORCED OR FILLED WITH CONCRETE OR GROUT. SOLID UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS. 5. PROVIDE HORIZONTAL JOINT REINFORCING AT 16" VERTICAL SPACING UNLESS NOTED OTHERWISE. 6. PROVIDE SOLID BLOCKS OR SOLIDLY FILLED HOLLOW BLOCKS THAT EXTEND AT LEAST 6 INCHES AROUND	CODE INFORMATION: HEIGHT = 1 STORIES WORK AREA: AREA WITHIN EXREIOR WALLS = 3132 SQ.FT.	
SEISMIC: SEISMIC USE GROUP: SEISMIC IMPORTANCE FACTOR: 1.0 SS-0.267, S1-0.06 SEISMIC SITE CLASS: D SDS-0.282, SD1-0.096 SEISMIC DESIGN CATEGORY: B 3. ALL DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE VERIFIED BY THE CONTRACTOR TO CONFORM TO THOSE SHOWN ON THE ARCHITECTURAL DRAWINGS. IF STRUCTURAL DRAWINGS ARE USED FOR LAYING OUT COLUMN CENTERS AND WALL LINES, ALL DIMENSIONS SHALL FIRST BE VERIFIED WITH THE ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS. SURVEY LAYOUT FOR THE BUILDING SHALL BE CHECKED AND "BE CLOSED" BEFORE WORK IS COMMENCED.	5. PROVIDE 4-6 PERCENT AIR ENTRAINMENT FOR ALL EXPOSED CONCRETE. 6. ALL CONCRETE REINFORCING BARS SHALL BE ROLLED FROM BILLET STEEL IN ACCORDANCE WITH ASTM A-6 I 5 GRADE 60. ALL WELDED WIRE FABRIC SHALL BE ASTM A-185. WWF SHALL BE LAPPED AT LEAST 8 INCHES AND CONTAIN AT LEAST ONE CROSS WIRE WITHIN THE 8 INCHES. 7. PROVIDE CORNER BARS TO SIZE AND SPACING OF HORIZONTAL REINFORCING AT CORNERS OF ALL CONCRETE WALLS, FOOTING AND GRADE BEAM CONSTRUCTION. CORNER BARS SHALL LAP HORIZONTAL REINFORCEMENT A MINIMUM OF 48 BAR DIAMETERS, U.N.O. 8. CONTRACTOR SHALL PROVIDE SPACERS, CHAIRS, BOLSTERS, ETC. AS NECESSARY TO SUPPORT REINFORCING STEEL.	ALL EXPANSION ANCHORS. 7. EXPANSION ANCHORS SHALL HAVE A MINIMUM EMBEDMENT DEPTH OF AT LEAST 7 BOLT DIAMETERS UNLESS NOTED OTHERWISE. 8. WHERE HOLLOW MASONRY UNITS ARE USED ABOVE HOLLOW MASONRY UNITS OF A DIFFERENT THICKNESS, PROVIDE A CONTINUOUS CORSE OF SOLID MASONRY (OR BOND BEAM IF DETAILED AS SUCH) AT LEAST 8 INCHES BELOW THE TRANSITION.		
4. IF MATERIALS, QUANTITIES, STRENGTHS OR SIZES INDICATED BY THE DRAWINGS OR SPECIFICATIONS ARE NOT IN AGREEMENT WITH THESE NOTES, THE BETTER QUALITY AND/OR GREATER QUANTITY, STRENGTH OR SIZE INDICATED, SPECIFIED OR NOTED	STEEL. SUPPORT ITEMS WHICH BEAR ON EXPOSED CONCRETE SURFACES SHALL HAVE ENDS WHICH ARE PLASTIC TIPPED OR STAINLES	10. FILL GROUTED CORES AND BOND BEAMS, WHERE SPECIFIED ON PLANS, WITH SMALL AGGREGATE, HIGH SLUMP CONCRETE MIX MEETING THE REQUIREMENTS OF ASTM C476, WITH A MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI. REINFORCING LAP	CONSTRUCTION TYPE: VB USE GROUP: S-2	
SHALL BE PROVIDED. 5. SECTIONS AND DETAILS SHOWN, WHILE DRAWN FOR SPECIFIC LOCATIONS, ARE INTENDED TO ESTABLISH THE GENERAL TYPES OF DETAILS TO BE USED THROUGHOUT. IF THE CONTRACTOR WISHES TO USE DETAILS OTHER THAN THOSE SHOWN ON THE DRAWINGS, SUCH DETAILS SHALL BE SUBMITTED FOR APPROVAL AND APPROVAL CONFIRMED BEFORE SHOP DRAWINGS ARE	9. MINIMUM LAP SPLICES ON ALL REINFORCING BAR SPLICES SHALL BE 48 BAR DIAMETERS, EXCEPT WHERE OTHERWISE NOTED ON THE DRAWINGS. FOR BEAMS AND ELEVATED SLABS, LAP BOTTOM STEEL AT THE SUPPORT AND TOP STEEL OVER THE MIDSPAN, UNLESS OTHERWISE NOTED. 10. ALL CONCRETE FOUNDATION WORK IS TO BE VIBRATED.	SPLICE TABLE REINFORCING SIZE 8" CMU #3 27"	EGRESS REQUIREMENTS: MAX TRAVEL DISTANCE SHALL NOT EXCEED 300'	
COMMENCED. 6. ALL WORK SHALL BE DONE IN ACCORDANCE WITH LOCAL APPLICABLE CODES AND REGULATIONS. APPROPRIATE SAFETY MEASURES SATISFYING LOCAL AND OSHA REQUIREMENTS SHALL BE PROVIDED.	I I. CONCRETE SHALL BE PLACED IN ACCORDANCE WITH ACI 304, LATEST EDITION. CONCRETE SHALL NOT BE SUBJECT TO DROPS IN EXCESS OF 5 FEET.	#4 36" #5 45"	IVIAX TRAVEL DISTANCE SHALL NOT EXCEED 300	
7. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR HAVING VISITED THE SITE AND HAVING FAMILIARIZED HIMSELF WITH ALL EXISTING CONDITIONS. ANY QUESTIONS OR DISCREPANCIES FOUND WITH REGARD TO THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.	MINIMUM CONCRETE REINFORCING COVER SCHEDULE, #5 \$ SMALLER TOLERANCES PER ACI-117 \$ ACI-318 EXPOSURE CONDITION MIN. COVER U.N.O.	WOOD FRAMING I. WOOD CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING BUILDING CODES AND STANDARDS: A. AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC): STANDARDS MANUAL.		
 8. STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR WORK THAT HE DOES NOT REVIEW AND/OR WORK NOT COMPLETED IN ACCORDANCE WITH STRUCTURAL ENGINEER'S PLANS AND/OR SPECIFICATIONS. 9. THE STRUCTURAL ENGINEER'S REVIEW OF SHOP DRAWINGS DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO FOLLOW THE INTENT OF THE CONTRACT DRAWINGS, UNLESS A WRITTEN REQUEST FOR A CHANGE HAS BEEN PREVIOUSLY SUBMITTED TO AND APPROVED BY THE STRUCTURAL ENGINEER. 	FOOTINGS OR CONCRETE CAST AGAINST & PERMANENTLY EXPOSED TO EARTH3" CONCRETE OR SLABS NOT EXPOSED TO EARTH OR WEATHER (INTERIOR) 3/4" CONCRETE OR SLABS EXPOSED TO EARTH OR WEATHER (EXTERIOR) 1-1/2" SLABS ON GRADE (W.W.F.) 1/3 SLAB THICKNESS FROM TOP	B. AMERICAN FOREST & PAPER ASSOCIATION (AFPA): NATIONAL DESIGN STANDARDS FOR WOOD CONSTRUCTION. C. SOUTHERN PINE INSPECTION BUREAU: STANDARD GRADING RULES FOR SOUTHERN PINE LUMBER. D. TRUSS PLATE INSTITUTE (TPI): DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES.		
IO. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURES AND SEQUENCE TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES BUT IS NOT LIMITED TO THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS, AND TIE-DOWNS. PROVIDE ALL SHORING AND BRACING REQUIRED TO STABILIZE AND PROTECT EXISTING AND ADJACENT STRUCTURES AND SYSTEMS DURING COURSE OF DEMOLITION AND CONSTRUCTION OF THE PROJECT.	PIERS VERTICAL REINFORCEMENT 2" PIERS TIES 1-1/2" SLABS ON GRADE	 E. AMERICAN PLYWOOD ASSOCIATION (APA): GUIDE TO PLYWOOD FOR FLOORS, PLYWOOD SHEATHING FOR WALLS AND ROOFS. F. AMERICAN WOOD PRESERVERS ASSOCIATION STANDARDS. 2. ALL STRUCTURAL LUMBER SHALL BE STAMPED, BY AN APPROVED AGENCY, IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTIONS "CONSTRUCTION MANUAL". 	OCCUPANT LOAD:3 32 SQ.FT. / 300= 0 OCCUPANTS CLIMATE ZONE : 5	
TOUNDATION AND LAKITIWORK	1. PROVIDE MINIMUM 4 INCHES CRUSHED STONE UNDER ALL SLAB-ON-GRADE LOCATIONS UNLESS OTHERWISE NOTED.	3. MOISTURE CONTENT OF ALL STRUCTURAL LUMBER SHALL BE LESS THAN 19% AS VERIFIED BY STAMP.	APPLICABLE CODES:	
A. ELEVATIONS NOTED ON DRAWINGS. B. SOIL SUITABLE FOR DESIGN BEARING PRESSURE, AS DETERMINED BY GEOTECHNICAL ENGINEER. C. FROST DEPTH (AS DETERMINED BY LOCAL BUILDING DEPARTMENT) WITH RESPECT TO FINISH GRADE.	 POROUS FILL FOR SLABS SHALL BE A UNIFORMLY GRADED MEDIUM COURSE STONE AGGREGATE TO PROVIDE, WHEN COMPACTED, A LEVEL, STABLE AND WELL DRAINING SUBBASE FOR THE SLAB. USE #57 CRUSHED NATURAL STONE OR EQUAL. PRIOR TO POURING FLOOR SLABS, REFER TO THE CONSTRUCTION DOCUMENTS FOR ADDITIONAL WORK TO BE COMPLETED IN OR BELOW THE FLOOR. 	 4. ALL STRUCTURAL LUMBER SHALL BE AS FOLLOWS: A. RAFTERS, JOISTS, HEADERS, BEAMS: HEM-FIR #2 OR BETTER. B. WALL STUDS, POSTS, AND PLATES: SPF STUD GRADE, OR BETTER. 5. INSTALL PRESSURE TREATED OR PRESERVATIVE TREATED LUMBER WHERE LUMBER IS IN CONTACT WITH CONCRETE OR IS 	IBC INTERNATIONAL BUILDING CODE 2015 IEBC INTERNATIONAL EXISTING BUILDING CODE 2015	
2. BACKFILL SHALL BE GRANULAR MATERIAL APPROVED BY GEOTECHNICAL ENGINEER. DEPOSITED AND MACHINE COMPACTED IN 8 INCH MAXIMUM LAYERS. COMPACTION SHALL HAVE A MINIMUM OF 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT, IN ACCORDANCE WITH ASTM D698 (STANDARD PROCTOR) AS VERIFIED BY TESTING LABORATORY.	4. PROVIDE CONTROL JOINTS AT ALL INSIDE CORNERS OF SLAB EDGES, AND AT OTHER LOCATIONS WHERE SLAB CRACKS ARE LIKELY TO DEVELOP.	EXPOSED TO WEATHER. 6. PROVIDE SOLID BLOCKING UNDERNEATH ALL POINT LOADS, CONTINUOUS TO FOUNDATION OR BEARING. BLOCKING SHALL	IMC INTERNATIONAL MECHANICAL CODE 2015 NEC NATIONAL ELECTRIC CODE 2015	
3. EXCAVATE ALL FOUNDATIONS TO REASONABLY EXACT OUTLINE AND DEPTH. AVOIDING OVER EXCAVATION AND CAVE IN OF SURROUNDING MATERIALS AFTER SLAB SUBGRADE WORK IS COMPLETE. BOTTOMS OF ALL FOUNDATIONS SHALL BE DRY AND LEVEL PRIOR TO POURING.	 PROVIDE VAPOR BARRIER UNDER ALL SLABS. PROVIDE 2 INCH MINIMUM THICKNESS RIGID INSULATION AT BUILDING PERIMETER WHERE SLABS ABUT EXTERIOR WALLS. PROVIDE ½ INCH THICK PREMOLDED JOINT FILLER ALL AROUND SLABS-ON-GRADE WHERE ABUTTING CONCRETE/MASONRY 	MATCH SIZE OF POST ABOVE. 7. ALL CONNECTIONS SHALL CONFORM TO THE FASTENING SCHEDULE IN IBC CODE. TABLE 2304.9.1, UNLESS NOTED OTHERWISE ON THE STRUCTURAL PLANS. ALL BOLTED CONNECTIONS SHALL BE MINIMUM ASTM-A325.	IPC INTERNATIONAL PLUMBING CODE 2015 IFC INTERNATIONAL FIRE CODE 2015	
4. PROTECT SUBGRADE UNDER ALL FOOTINGS AND SLABS ON GRADE FROM FREEZING DURING CONSTRUCTION.	WALLS, UNLESS OTHERWISE NOTED. 7. COLUMNS SHALL BE ISOLATED FROM THE FLOOR SLAB WITH FULL CONSTRUCTION JOINTS AND COMPRESSIBLE MATERIAL.	8. PREFABRICATED METAL HANGERS AND CONNECTORS SHALL BE INSTALLED AS SPECIFIED ON STRUCTURAL PLANS OR SHOP DRAWINGS. NAILING SHALL CONFORM TO MANUFACTURER'S PUBLISHED TABLES TO PROVIDE MAXIMUM HANGER CAPACITY, UNLESS NOTED OTHERWISE ON STRUCTURAL PLANS. NAILS SHALL BE FULLY DRIVEN IN ALL HOLES IN THE ANCHOR.	ANSI A117.1 ACCESSIBILITY CODE 2015 IBC CHAPTER 11 # 2009 ANSI 117.1.	
ATTAINED DESIGN STRENGTH AND SUPPORTING MEMBERS ARE IN PLACE, UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM STRUCTURAL ENGINEER.	SLAB BLOCK-OUTS AROUND COLUMNS SHALL BE DIAMOND OR CIRCULAR IN SHAPE, AND OF A UNIFORM SIZE. 8. RAMPS, SLOPING SLABS, STEPS, AND SLABS EXPOSED TO WEATHER SHALL RECEIVE A LIGHT BROOMED FINISH, U.N.O. 9. LOCATE WELDED WIRE FABRIC 1/3 SLAB THICKNESS BELOW TOP OF SLAB. 10. REFER TO CAST-IN-PLACE CONCRETE NOTES FOR ADDITIONAL CONCRETE REQUIREMENTS.	CONNECTORS SHALL BE AS MANUFACTURED BY SIMPSON STRONG-TIE, UNITED STEEL PRODUCTS (USP) OR APPROVED EQUAL. 9. HANGERS AND METAL CONNECTORS SHALL BE ZINC PLATED, UNLESS EXPOSED TO WEATHER. EXPOSED HARDWARE SHALL BE HOT DIPPED GALVANIZED OR COATED AS REQUIRED FOR CONTACT WITH PRESERVATIVE TREATED WOOD. 10. ALL MEMBERS SHALL HAVE LATERAL SUPPORT SUPPLIED AT ALL BEARING POINTS AS WELL AS CONTINUOUSLY ALONG THE COMPRESSION FACE.		
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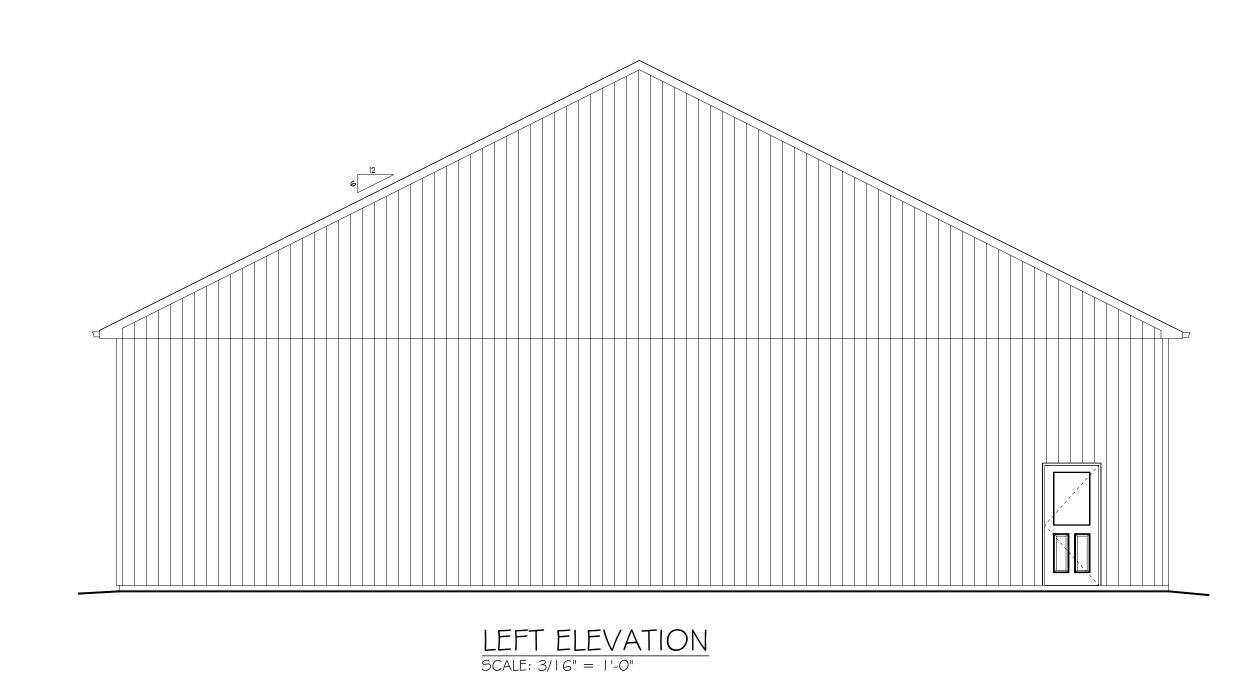


FRONT ELEVATION
SCALE: 3/16" = 1'-0"



REAR ELEVATION

SCALE: 3/16" = 1'-0"



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REVISION:		
	ELEVATIONS	2

