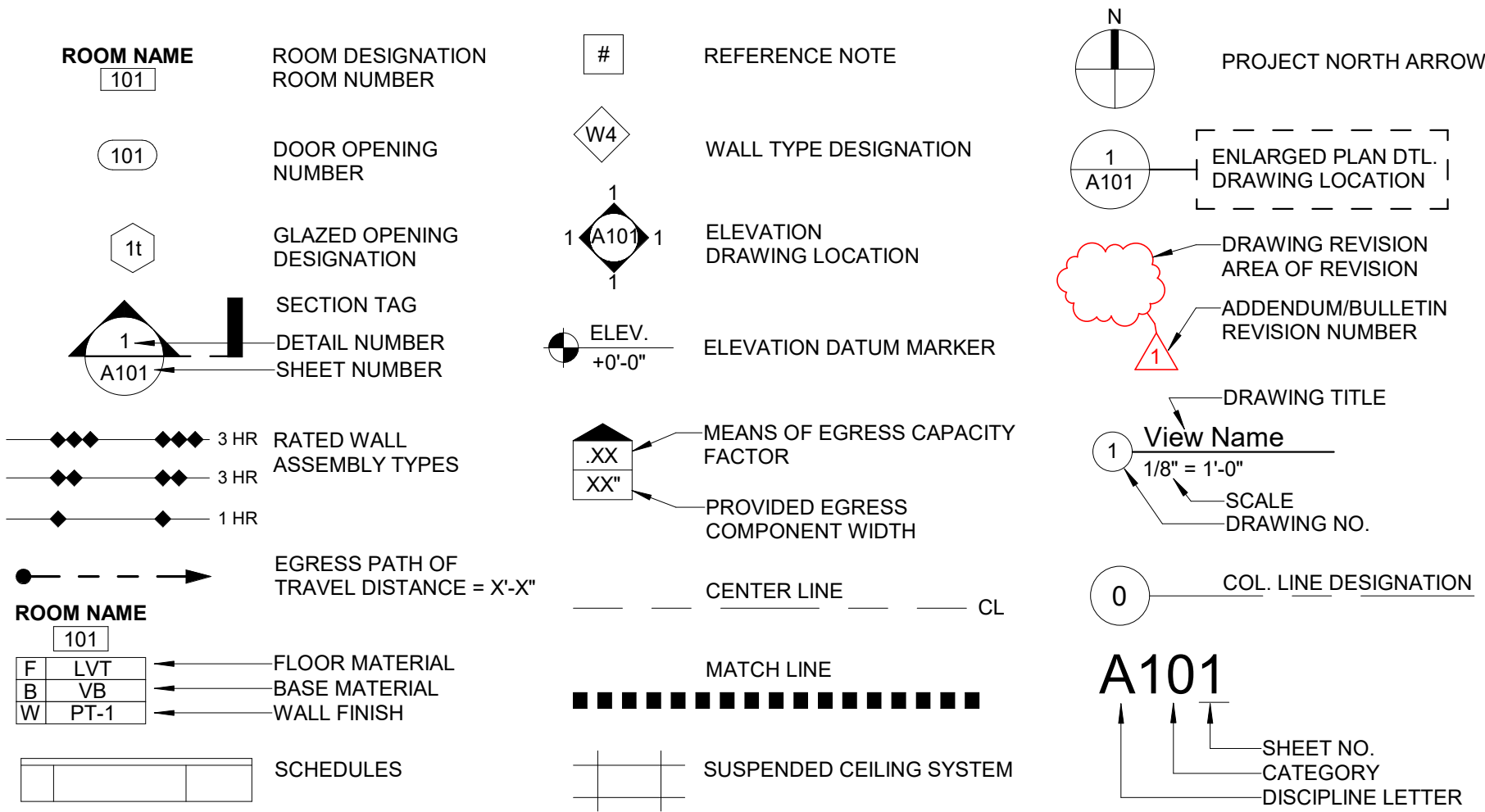


SYMBOL LEGEND



ABBREVIATIONS

&	AND	F.F.&E.	FURNISHINGS, FIXTURES AND EQUIPMENT	OPG.	OPENING
@	AT	F.H.C.	FIRE HOSE CABINET	OPP.	OPPOSITE
"	DEGREE	FIN.	FINISH(ED)	OPT.	OPTIONAL
#	NUMBER	FLR.	FLOOR	P	PROPERTY LINE
+/-	PLUS OR MINUS	FLUOR.	FLUORESCENT	P.L.	PLASTIC LAMINATE
Ø	DIAMETER	F.O.	FINISH OPENING	P. LAM	PLATE
∠	ANGLE	F.O.B.	FACE OF BLOCK	PL.	PLASTER
CL	CENTERLINE	F.O.BR.	FACE OF BRICK	PLUMB.	PLUMBING
A		F.O.C.	FACE OF CONCRETE	PR	PAIR
A.C.	AIR CONDITIONING	F.O.F.	FACE OF FINISH	PREFAB.	PREFABRICATED
ACOUS.	ACOUSTICAL	F.O.G.	FACE OF GYPSUM BD.	PT. BD.	PARTICLE BOARD
A.D.	AREA DRAIN	FRFR.	FIREPROOF	PTD.	PAINTED
ACT.	ACOUSTICAL CEILING TILE	FR	FIRE RATING	PROP.	PROPERTY
ACP	ACOUSTICAL CEILING PANEL	F.R.P.	FIBERGLASS REINFORCED PANEL	PSF	POUNDS PER SQUARE FOOT
ADA	AMERICANS W/ DISABILITIES ACT	F.R.T.	FIRE RETARDANT TREATED	PSI	POUNDS PER SQUARE INCH
ADJ.	ADJUSTABLE	FIN.	FINISH, FINISHED	PWD.	PLYWOOD
A/E	ARCHITECT/ENGINEER	FTG.	FOOTING	P.T.	PRESSURE TREATED
A.F.F.	ABOVE FINISHED FLOOR	FT.	FOOT/FEET	PVC	POLYVINYL CHLORIDE
AGGR.	AGGREGATE	FURN	FURNISHED	Q	QUANTITY
ALT.	ALTERNATE	F.V.	FIELD VERIFY	Q.T.	QUARRY TILE
ALUM.	ALUMINUM	G		R	RADIUS
A.P.	ACCESS PANEL	GA.	GAUGE	R	RISER
APPROX.	APPROXIMATE	GALV.	GALVANIZED	R.C.P.	REFLECTED CEILING PLAN
ARCH.	ARCHITECT/ARCHITECTURAL	G.C.	GENERAL CONTRACTOR	R.D.	ROOF DRAIN
A.V.	AUDIOVISUAL	GEN.	GENERAL	REF.	REFERENCE
B		GL.	GLASS	REFL.	REFLECTED
BD.	BOARD	G.W.B./	GYPSUM WALL BOARD	REINF.	REINFORCED
BITUM.	BITUMINOUS	GYP.	GYPSUM	RESIL.	RESILIENT
BLDG.	BUILDING	H		RELO.	RELOCATE
B.O.D.	BASIS OF DESIGN	HB	HOSE BIBB	REQD.	REQUIRED
B/O	BOTTOM OF	HDR.	HARDWARE	REV.	REVISION
B.O.W.	BOTTOM OF WALL	HLD.	HOLD	R.H.	RIGHT HAND
BSMT	BASEMENT	HM	HOLLOW METAL	RM	ROOM
C		HGT.	HEIGHT	R.O.	ROUGH OPENING
CAB.	CABINET	HORIZ.	HORIZONTAL	S	SCHEDULE
CEM.	CEMENT	HVAC.	HEATING, VENTILATION & A.C.	S.C.	SOLID CORE
C.F.C.I.	CONTRACTOR FURNISHED/	H.W.	HOT WATER	S.D.	SOAP DISPENSER
	CONTRACTOR INSTALLED	I		SECT.	SECTION
C.G.	CORNER GUARD	I.D.	INSIDE DIAMETER	S.F.	SQUARE FEET
C.I.P.	CAST-IN-PLACE	INCAN.	INCANDESCENT	SQ.	SQUARE
C.J.	CONTROL JOINT	INFO.	INFORMATION	SQ.	SQUARE
CL	CENTERLINE	INSUL.	INSULATION	STD.	STANDARD
CLG.	CEILING	INT.	INTERIOR	STL.	STEEL
CLO.	CLOSET	J		STOR.	STORAGE
CLR.	CLEAR(ANCE)	JAN.	JANITOR	STRUCT.	STRUCTURAL
C.M	CONSTRUCTION MANAGER	J.C.	JANITOR CLOSET	SUSP.	SUSPENDED
CMP.	COMPOSITE METAL PANEL	JST.	JOIST BEARING	SYN.	SYMMETRICAL
C.M.U.	CONCRETE MASONRY UNIT	BRG.		T	TREAD
COL.	COLUMN	JT.	JOINT	T.	THICK
CONC.	CONCRETE	L		T.B.	TACK BOARD
CONST.	CONSTRUCTION	LAV.	LAVATORY	TBD	TO BE DETERMINED
CONT.	CONTINUOUS	LAM.	LAMINATE	T.C.	TOP OF CURB
CONTR.	CONTRACTOR	LB.	POUND	T.D.	TOP OF DECK
COORD.	COORDINATE	L.H.	LEFT HAND	TECH.	TECHNICAL
CPT.	CARPET	L.L.H.	LONG LEG HORIZONTAL	TEL.	TELEPHONE
C.T.	CERAMIC TILE	L.L.O.	LONG LEG OUT	TEMP.	TEMPORARY
C.W.	COLD WATER	L.L.V.	LONG LEG VERTICAL	T&G	TONGUE AND GROOVE
D		LVL	LAMINATED VENEER LUMBER	T.M.	TOP OF MASONRY
D.E.F.S.	DIRECT EXTERIOR FINISH SYSTEM	LVT	LUXURY VINYL TILE	TMFRD.	TEMPERED
DEPT.	DEPARTMENT	M		T.O.	TOP OF
DET.	DETAIL	MAS.	MASONRY	T.P.	TOP OF PAVEMENT
D.M.	DRINKING FOUNTAIN	MAX.	MAXIMUM	T.S.	TOP OF STEEL
DIA.	DIAMETER	MB.	MARKER BOARD	T.W.	TOP OF WALL
DIM.	DIMENSION	M.C.	MECHANICAL CONTRACTOR	T.O.P.	TOP OF PLATE
DISP.	DISPENSER	M.D.F.	MEDIUM DENSITY FIBERBOARD	TYP.	TYPICAL
D.M.B.	DRY MARKER BOARD	MECH.	MECHANICAL	U	
DN	DOWN	MEP	MECH./ELECT./PLUMBING	U.N.O.	UNLESS NOTED OTHERWISE
DS	DOWNSPOUT	MFR.	MANUFACTURING	UL	UNDERWRITERS LABORATORIES
DWG.	DRAWING	M.H.	MANHOLE	UTL.	UTILITY
E		MIN.	MINIMUM	U.V.	UNIT VENTILATOR
EA.	EACH	MISC.	MISCELLANEOUS	V	
E.C.	ELECTRICAL CONTRACTOR	MTD.	MOUNTED	V.C.T.	VINYL COMPOSITION TILE
E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM	M.O.	MASONRY OPENING	VERT.	VERTICAL
E.J.	EXPANSION JOINT	MTL.	METAL	VEST.	VESTIBULE
EL	ELEVATION	N		V.I.F.	VERIFY IN FIELD
ELEC.	ELECTRIC/ELECTRICAL	N.A.F.	NO APPLIED FINISH	V.T.R.	VENT THROUGH ROOF
ELEV.	ELEVATOR/ELEVATION	N.C.	NOT IN CONTRACT	W	
ENGR.	ENGINEER	N.O.	NUMBER	W.	WIDE/WIDTH
EMER.	EMERGENCY	N.T.S.	NOT TO SCALE	W.	WITH
E.P.	ELECTRICAL PANEL	NOM.	NOMINAL	W.C.	WATER CLOSET
EQ.	EQUAL	O		WD	WOOD
EQUIP.	EQUIPMENT	O.A.	OVER ALL	W.H.	WATER HEATER
E.W.C.	ELECTRIC WATER COOLER	O.C.	ON CENTER	W/O	WITHOUT
EXIST.	EXISTING	O.D.	OUTSIDE DIAMETER	WT.	WEIGHT
EXP.	EXPOSED	O.F.C.I.	OWNER FURNISHED/ CONTRACTOR	WWF	WELDED WIRE FABRIC
EXT.	EXTERIOR	O.F.O.I.	OWNER FURNISHED/ OWNER		
F		INSTALLED			
F.R.	FIRE RESISTIVE	INSTALLED			
FAB.	FABRICATE/ FABRICATOR	O.H.	OPPOSITE HAND		
F.C.U.	FAN COIL UNIT				
F.D.	FLOOR DRAIN				
F.E.	FIRE EXTINGUISHER				
F.E.C.	FIRE EXTINGUISHER CABINET				
F.F.E.	FINISH FLOOR ELEVATION				



RENDERING

NOT TO SCALE



LOCATION MAP

NOT TO SCALE

NEW PROJECT FOR:

City of Evansville  
Parks and Recreation Department  
Wesselman Park Playground Restroom

602 N. Boeke Rd.  
Evansville, IN 47711

PROJECT  
INFORMATION

PROJECT TEAM

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SHEET INDEX

		Permit Set	Bid Set	Construction Set
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G001	General Project Information, Sheet Index, Location Map and Symbols	•		
G101	Project Information, and Code Summary, Life Safety Plan, Notes	•		
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CIVIL				
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STRUCTURAL				
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S101	Foundation Plans and Notes	•		
S102	Framing Plan, Roof Framing Plan and Notes	•		
S401	Framing Elevations	•		
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ARCHITECTURAL				
A001	General Notes, Door Types, Schedules, and Details	•		
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PLUMBING				
P101	Sanitary and Water Piping Plans	•		
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ELECTRICAL				
E101	Electrical Plans	•		
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*Daren C. Morley*



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Wesselman Park  
Playground Restroom

602 N. Boeke Rd.  
Evansville, IN 47711

General  
General Project  
Information, Sheet  
Index, Location Map  
and Symbols

No. By Date

Revisions

Scale: As Noted

Designed By: BNB Job Number: 04089.1.004

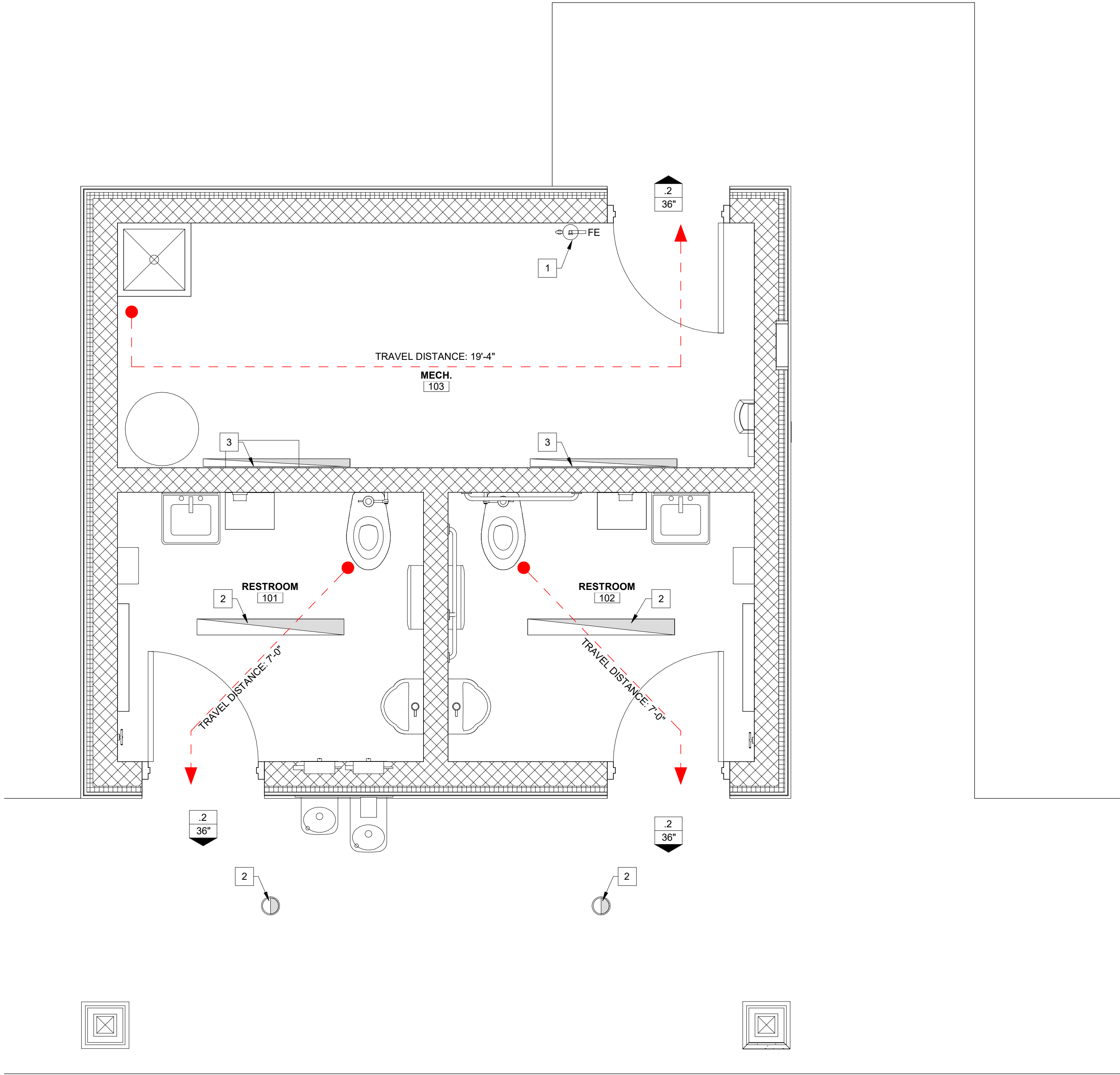
Drawn By: BNB Date: 07.23.2025

Filename: 04089.1.004 - Wesselman RR.rvt

Sheet Number:

G001





1 LIFE SAFETY PLAN  
1/2" = 1'-0"

### SYMBOL LEGEND

ROOM NAME [ 101 ]	ROOM DESIGNATION ROOM NUMBER	#	REFERENCE NOTE
( 101 )	DOOR OPENING NUMBER	#	REFERENCE NOTE
	SECTION TAG DETAIL NUMBER SHEET NUMBER		WALL TYPE DESIGNATION
	ENLARGED PLAN DTL. DRAWING LOCATION		WALL SECTION DRAWING LOCATION
	DRAWING REVISION AREA OF REVISION		ELEV. DATUM MARKER
	ADDENDUM/REVISION NUMBER		PROJECT NORTH ARROW
( 0 )	COL. LINE DESIGNATION		CENTER LINE CL
	DRAWING TITLE View Name		SHEET NO. CATEGORY DISCIPLINE LETTER
	SCALE DRAWING NO.		

### LIFE SAFETY LEGEND

	DISTANCE TRAVELED: X'-X"
	MEANS OF EGRESS CAPACITY FACTOR
	PROVIDED EGRESS COMPONENT WIDTH

### LIFE SAFETY PLAN SHEET NOTES

- SEE SHEET A001 FOR PROJECT GENERAL NOTES.
- VERIFY COMPLIANCE OF FIRE RATING WITH CODES AND INSURANCE REQUIREMENTS.
- ALL RATED ASSEMBLIES TO COMPLY WITH TESTED ASSEMBLY STANDARDS. (I.E. UL - UNDERWRITER LABORATORIES, INC.)
- PROVIDE FIRE-RETARDANT TREATED WOOD FOR CONCEALED BLOCKING AND FOR EXPOSED LUMBER AND PLYWOOD IN HABITABLE SPACE.
  - LUMBER: AWPA C20093
  - PLYWOOD: AWPA C27-93
- ALL DOORS IN EGRESS PATH INCLUDING EXTERIOR EXITS TO COMPLY WITH ADA REQUIREMENTS TO INCLUDE BUT NOT BE LIMITED TO:
  - DOOR SIZE
  - THRESHOLD HEIGHTS
  - DOOR HARDWARE DESIGN
  - DOOR HARDWARE LOCATIONS
  - HARDWARE ADJUSTMENTS
  - WHEELCHAIR MANEUVERABILITY ACCESS AREAS.
- PROVIDE "PORTABLE FIRE EXTINGUISHERS" AS DEFINED AND REQUIRED IN FIRE CODE [906].
  - CONFIRM QUANTITY, TYPE, AND LOCATIONS WITH OFFICIALS HAVING JURISDICTION AND LOCAL FIRE MARSHAL PRIOR TO INSTALLATION.
  - FIRE EXTINGUISHERS SHALL BE PROVIDED IN ACCORDANCE WITH INSTALLATION REQUIREMENTS OF NFPA 10, STANDARD FOR PORTABLE FIRE EXTINGUISHERS.
  - INDICATE THE RATING(S) OF THE FIRE EXTINGUISHERS AND THE QUANTITY BASED UPON THE INSTALLATION REQUIREMENTS OF A ORDINARY (MODERATE) HAZARD OCCUPANCY. [IBC 906 AND NFPA 10-9.7.4.1]
  - WHEN ADJACENT TO DOOR MAINTAIN ADA REQUIRED CLEARANCES.
  - FE = BRACKET
  - FEC = RECESSED CABIN

### LIFE SAFETY PLAN REFERENCE NOTES

#	
1	WALL MOUNTED FIRE EXTINGUISHER AND BRACKET.
2	OVERHEAD LIGHTS WITH EMERGENCY BALLAST.
3	WALL MOUNTED LIGHTS WITH EMERGENCY BALLAST.

## CODE SUMMARY

### APPLICABLE CODES

2014 INDIANA BUILDING CODE [675 IAC 13-2.6 IBC]  
2014 INDIANA FIRE CODE [75 IAC 22-2.5 IFC]  
2012 INDIANA PLUMBING CODE [675 IAC 16-1.4 IPC]  
2014 INDIANA MECHANICAL CODE [675 IAC 18-1.6 IMC]  
2009 INDIANA ELECTRICAL CODE [675 IAC 17-1.8 IEC]  
2010 INDIANA ENERGY CONSERVATION CODE [675 IAC 19-4 EDITION]  
GENERAL ADMINISTRATIVE RULES (GAR) [675 IAC 12 GAR]

### BUILDING DESCRIPTION

OWNER:	EVANSVILLE PARKS AND RECREATION DEPARTMENT 100 E WALNUT ST. EVANSVILLE, IN 47713
BLDG:	WESSELMAN PARK PLAYGROUND RESTROOM 551 N BOEKE RD EVANSVILLE, IN 47711
USES:	OCCUPANCY TYPE - "B"
TOTAL BLDG AREA:	284 SF - FIRST FLOOR 284 SF - TOTAL SF
STORIES:	1 STORY

### OCCUPANCY CLASSIFICATION

OCCUPANCY = "B" [SECTION 304]

### CONSTRUCTION TYPES & FIRE RESISTANCE REQUIREMENTS

CONSTRUCTION TYPE = VB [602.5]

STRUCTURAL ELEMENTS, EXTERIOR WALLS, INTERIOR WALLS, FLOOR CONSTRUCTION, AND ROOF CONSTRUCTION ARE OF ANY MATERIALS PERMITTED BY CODE [602.3 & TABLE 601]

- STRUCTURAL FRAME = 0 HOUR
- BEARING WALLS (INTERIOR) = 0 HOUR
- BEARING WALLS (EXTERIOR) = 0 HOUR
- NON-BEARING WALLS (EXTERIOR) = 0 HOUR

[FIRE SEPARATION DISTANCE EXCEEDS 30 FEET PER TABLE 602]

- NON-BEARING WALLS (INTERIOR) = 0 HOUR
- FLOOR CONSTRUCTION = 0 HOUR
- ROOF CONSTRUCTION = 0 HOUR

REQUIRED FIRE SEPARATION DISTANCE = REFER TO GEOMETRIC SITE PLAN FOR CLEAR DISTANCES.

FIRE-RESISTIVE REQUIREMENTS FOR EXTERIOR WALLS OF "B" OCCUPANCY:

- 00' - 05' = 1 HOUR
- 05' - 10' = 1 HOUR
- 10' - 30' = 1 HOUR
- 30' - 30'+ = 0 HOUR

### ALLOWABLE AREA AND HEIGHT

CONSTRUCTION TYPE = VB

ALLOWABLE TABULAR AREA:	"B" = 009,000 SF [TABLE 503]
TOTAL AREA:	"B" = 000,284 SF - FIRST FLOOR LEVEL
TABULAR HEIGHT:	"B" = 2 STORY AT 40' [TABLE 503]
ACTUAL BUILDING HEIGHT:	1 STORY @ 13 FEET 10 INCHES +/-

### EGRESS CALCULATIONS

SELECTION FROM "MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT" [TABLE 1004.1.2]

OCCUPANCY USE SQUARE FEET OCCUPANT LOAD [TABLE 1004.1.1]

OCCUPANCY "B"  
RESTROOMS: 284 SF GROSS 100 SF NET = 3 OCCUPANTS

SELECTIONS FROM "EGRESS WIDTH PER OCCUPANT SERVED" [TABLE 1005.1] BASED ON "WITHOUT SPRINKLER SYSTEM" REQUIREMENTS.

EGRESS WIDTH PER OCCUPANT

TOTAL OCCUPANTS	3 OCCUPANTS
SERVED [1005.3.2]	3(2 INCH) = 00.60 INCHES
EXIT WIDTH PROVIDED	108 INCHES

### EGRESS NOTES

- EXIT ACCESS TRAVEL DISTANCE DOES NOT EXCEED 200 FEET IN ANY DIRECTION IN ACCORDANCE WITH TABLE 1016.2 (WITHOUT SPRINKLER SYSTEM).
- COMMON PATH OF EGRESS TRAVEL DOES NOT EXCEED 100 FEET IN ANY DIRECTION IN ACCORDANCE WITH TABLE 1014.3 (WITHOUT SPRINKLER SYSTEM).

### FIRE EXTINGUISHERS

PROVIDE "PORTABLE FIRE EXTINGUISHERS" AS REQUIRED IN FIRE CODE [906], AND REQUESTED BY LOCAL FIRE MARSHAL / INSPECTOR

### FIRE PROTECTION SYSTEM

BUILDING NON-SPRINKLERED.

### HANDICAP ACCESSIBILITY

ALL EXTERIOR EXITS TO COMPLY WITH ADA REQUIREMENTS TO INCLUDE THRESHOLD HEIGHTS, DOOR HARDWARE DESIGN, DOOR HARDWARE LOCATIONS, HARDWARE ADJUSTMENTS, AND WHEELCHAIR MANEUVERABILITY ACCESS AREAS.

### ENERGY EFFICIENCY DESIGN INFORMATION

CLIMATE ZONE CATEGORY = 4A NONRESIDENTIAL  
ASHRAE STANDARD 90.1-2007

LOCATION & DESCRIPTION	U VALUE	R VALUE
ROOFS (INSULATION ABOVE DECK)		R-14.0 C.I.
ATTIC AND OTHER		R-38.0
WALLS, ABOVE GRADE (MASONRY)		R-9.5 C.I.
WALLS, ABOVE GRADE (WOOD-FRAMED)		R-13.0
WALLS, BELOW GRADE		NR
SLAB-ON-GRADE (UNHEATED)		NR
OPAQUE DOORS (SWINGING)	U-0.700	

### ENERGY CODE

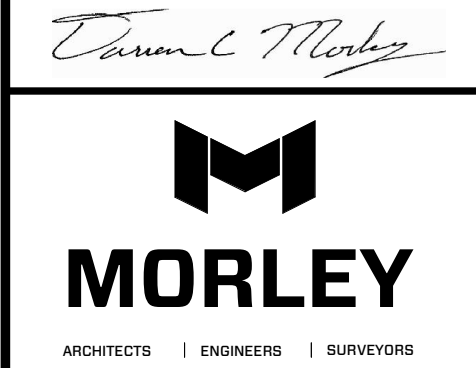
#### COMPLIANCE STATEMENT

THE CONTRACTOR IS REQUIRED TO COMPLY WITH ALL REQUIREMENTS LISTED IN EACH DESIGN PROFESSIONAL'S ENERGY COMPLIANCE CERTIFICATE AND ASSOCIATED "INSPECTION CHECKLIST". A COPY OF EACH CERTIFICATE AND CHECKLIST SHOULD ACCOMPANY THE WORKING DRAWINGS AT ALL TIMES. IF A CONFLICT IS PERCEIVED BETWEEN THE WORKING DRAWINGS AND ENERGY CONSERVATION INFORMATION THE MOST RESTRICTIVE REQUIREMENT PREVAILS UNLESS DIRECTED OTHERWISE BY THE DESIGN PROFESSIONAL OF RECORD OF THE AFFECTED WORK.

### PLUMBING FIXTURE REQUIREMENTS

PER IBC 2012 [TABLE 2902.1] MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES

OCCUPANCY	OCCUPANTS	# OF FIXTURES PROVIDED
RESTROOM	3 OCCUPANTS	(2) WATER CLOSET (2) LAVATORY (2) URINALS (1) SERVICE SINK



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Wesselman Park  
Playground Restroom

602 N. Boeke Rd.  
Evansville, IN 47711

General  
Project Information,  
and Code Summary,  
Life Safety Plan, Notes

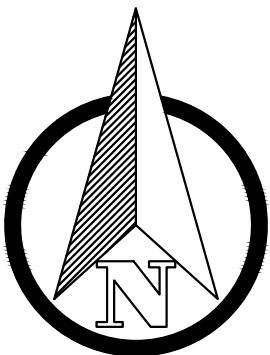

No.	By	Date
Revisions		
Scale: As Noted		
Designed By:	Job Number:	
BNB	04089.1.004	
Drawn By:	Date:	
BNB	07.23.2025	
Filename:	04089.1.004 - Wesselman RR.rvt	
Sheet Number:		

G101





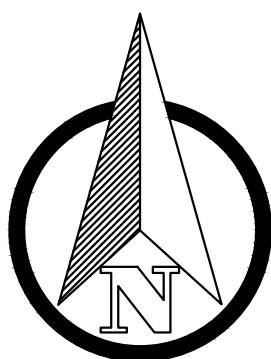




**Backfill Note:**  
***Any voids created by demolition shall be backfilled and compacted in maximum 8" lifts (Typ.).***

# C101

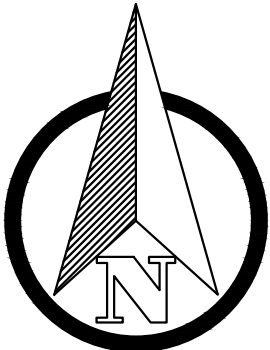
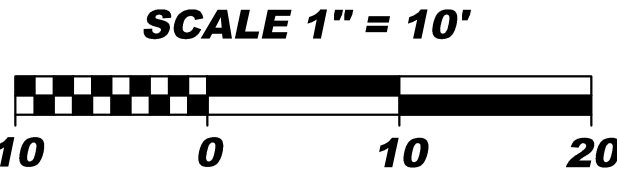
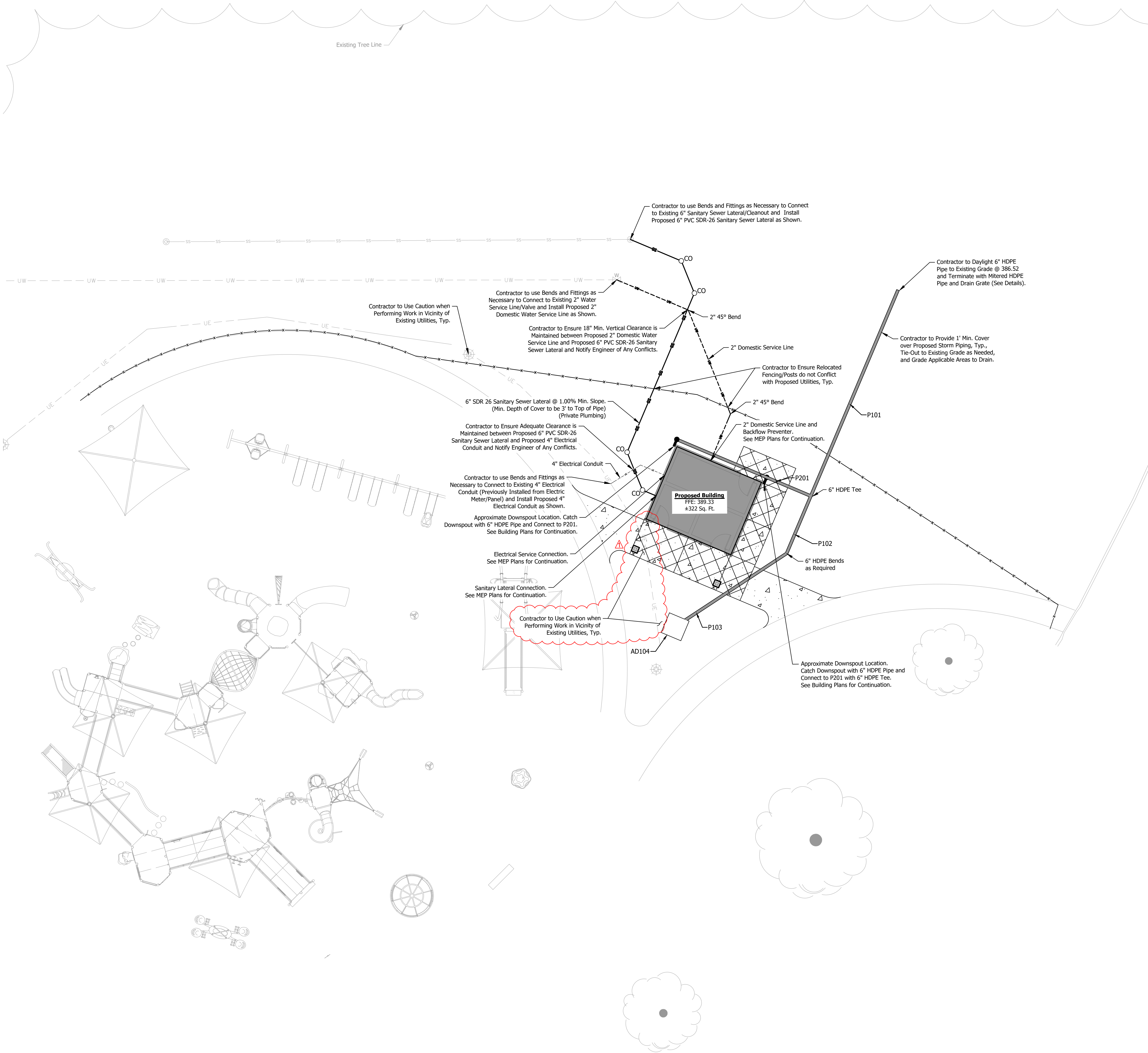




**Backfill Note:**  
***Any voids created by demolition shall be backfilled and compacted in maximum 8" lifts (Typ.).***

# C102





General Notes

- Contractor shall comply with all local, state and federal codes, ordinances, rules, regulations, orders and other legal requirements of municipal authorities which bear on the performance of the work.
- The contractor is cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of various utility companies, and where possible measurements taken in the field. The information is not to be relied on as being exact or complete. The contractor must contact the appropriate utility company at least 48 hours before any excavation to request exact field location of utilities.
- Indiana Underground Utility Locate Service, Phone: 811
- The contractor shall verify all measurements and be responsible for any mistakes they may make as a result. If the contractor discovers any discrepancies in figures on the drawings, he/she shall report same to the engineer before proceeding with any work affected by the discrepancy, and shall be held responsible for results should he/she fail to make such effort.
- Do not scale drawings. Consult engineer regarding any conflicts.
- Verify all existing grades and construction as it relates to the new construction. Notify the engineer of any discrepancies prior to construction.
- Verify all critical dimensions within and/or related to the existing construction. Notify the engineer of any discrepancies prior to construction.
- When a conflict occurs in the working drawings, specifications, written or verbal directives of the consultant - the most restrictive requirement prevails.
- Bring coordination issues to engineer's attention prior to commencement of related activities.
- Contractor to provide owner with all instruction manuals, warranties, or other documents required for operation or maintenance of any item in the contractors scope of work.
- Any existing unconsolidated fill and/or utility trenches shall be tested for compaction prior to soft surface pour-in-place or concrete sidewalk construction. Excavation of unconsolidated material and compaction of new material in these areas may be required to prevent future settlement.
- Contractor to even grading in adjacent areas as needed where demolition occurs.
- Any voids created by demolition shall be backfilled and compacted in maximum 8" lifts (typ.).
- General Contractor to contract with Morley for all construction staking. Minimum staking to be provided for rough grading limits and equipment/foundation layout.

Utility Notes

- All work shall be done in accordance with the most current version of the local utility provider's requirements and specifications.
- The equipment locations and service lines for gas and electric utilities are shown per Owner's preference. All meter locations, transformer pads, service lines, etc. shall be coordinated with the respective utility provider prior to construction.
- Contractor shall refer to all applicable architectural and building plans and verify all utility connections prior to commencing work.
- Minimum of 18" vertical and 10 feet horizontal clearance between existing waterlines and proposed sanitary and storm sewers.
- Any lateral pipes with less than 3-foot of cover above the top of pipe shall be Ductile Iron Pipe Class 52. Ductile Iron Pipe Cement Lined Class 52 shall conform with ANSI Specification A21-51 and AWWA Specification C-151, latest revisions. All Ductile Iron Pipe shall be bituminous coated outside in accordance with AWWA Specification C-151, unless contrary to local code.
- All cleanouts shall have a rim elevation lower than the finish floor elevation of the structure.
- All lateral services must have a cleanout installed within 3' of the exterior of the building being serviced.
- All cleanouts shall be 6" in diameter.
- This plan may show the proposed locations of various ancillary site utility items such as parking lot light pole bases, flag pole lighting, conduits, etc. for reference and overall project coordination purposes only.

Proposed Legend

	Building Footprint		Sanitary Sewer Lateral
	Relocated Fence		Sanitary Cleanout
	Storm Pipe		Domestic Water Line
	Downspout/Roof Drain		Electric Conduit
	Ntyoplast Drain Basin		

Existing Legend

	Air Conditioner Unit		Center Line
	Area Drain		Easement Line
	Curb Inlet		Fence Line
	Electric Junction Box		Flow Line
	Electric Meter		Property Boundary Line
	Electric Transformer		Right-of-way Line
	Light Pole		Found Monument as shown
	Pipe Bollard		Calculated Dimension
	Sign		Card
	Storm Sewer Manhole		Deed Record
	See Surveyor's Report Item		Drawer
			East
			Found
			Instrument
			North
			Page
			Range
			Record Dimension
			South
			Township
			West

**Backfill Note:**  
**Any voids created by demolition shall be backfilled and compacted in maximum 8" lifts (Typ.).**



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Wesselman Park  
Playground Restroom

602 N. Boeke Rd.  
Evansville, IN 47711

Civil  
Utility Plan

KJL 07/23/2025

No. By Date

Revisions

Scale: 1" = 10'

Designed By: JEM Job Number: 04089.1.004-B

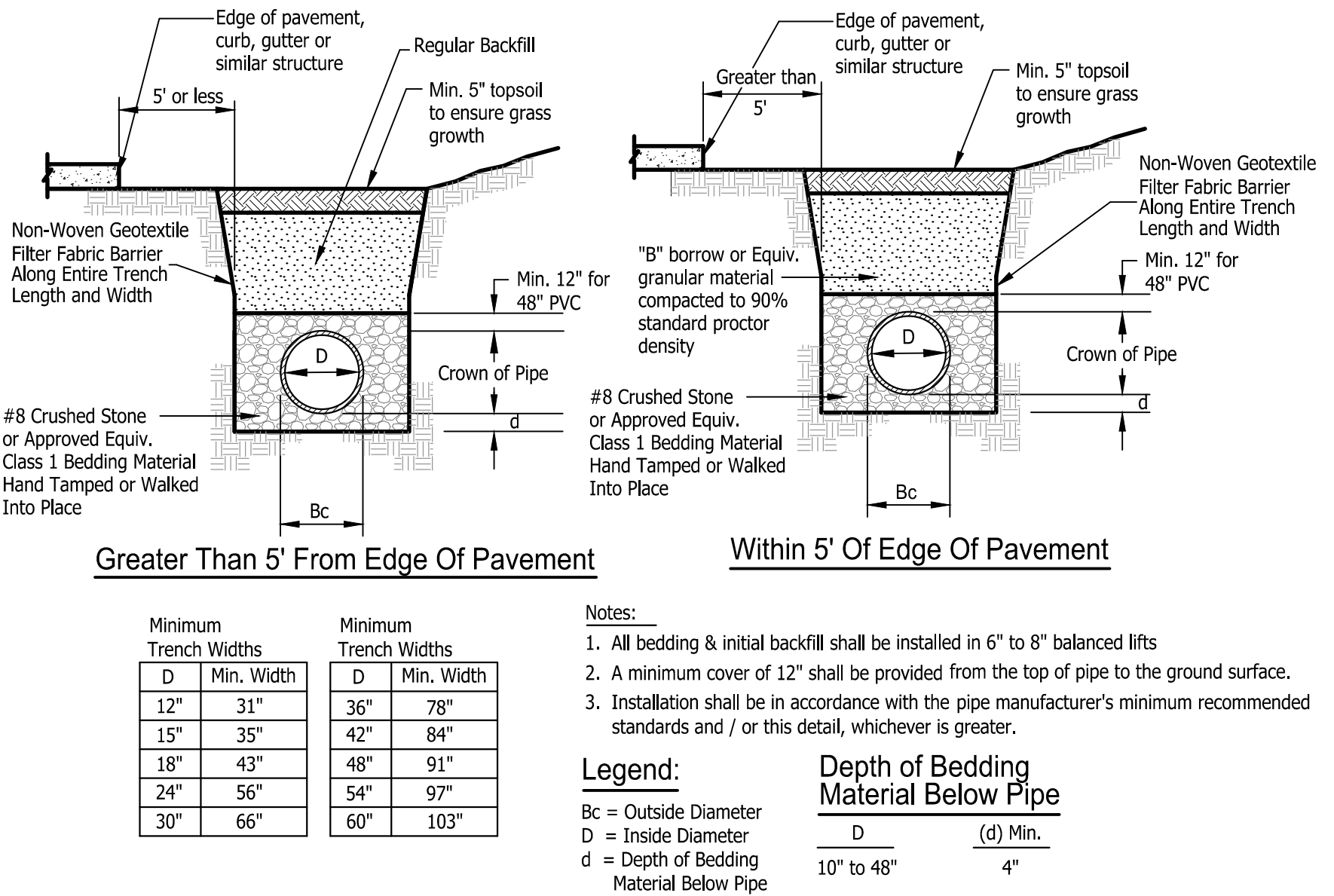
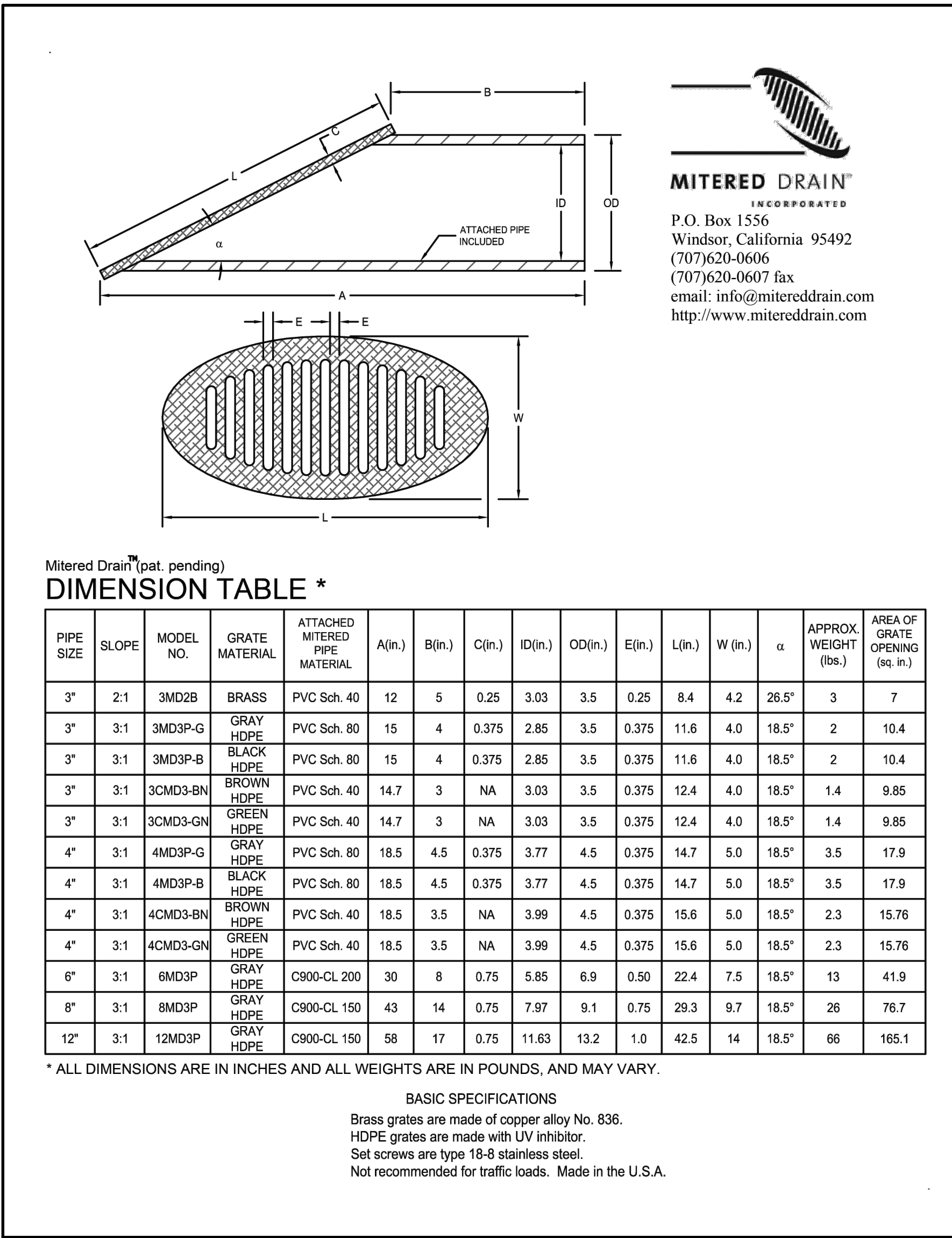
Drawn By: KJL Date: 06.30.2025

Filename: 4089 Civil Base 2025

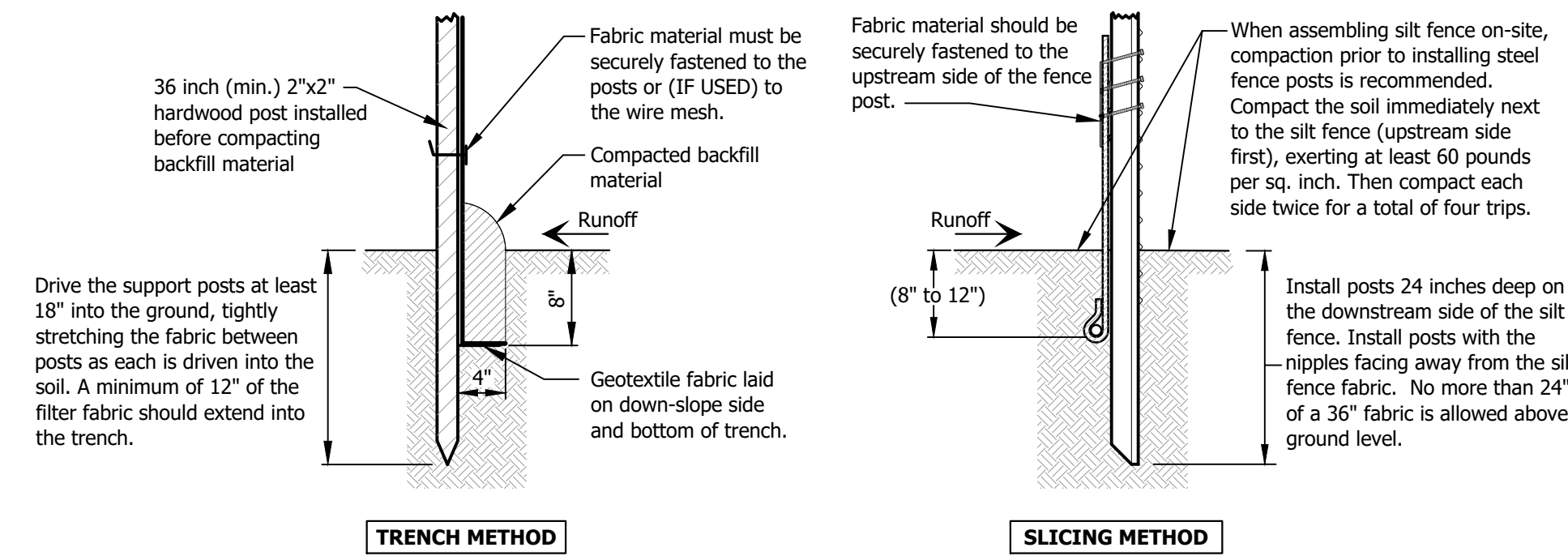
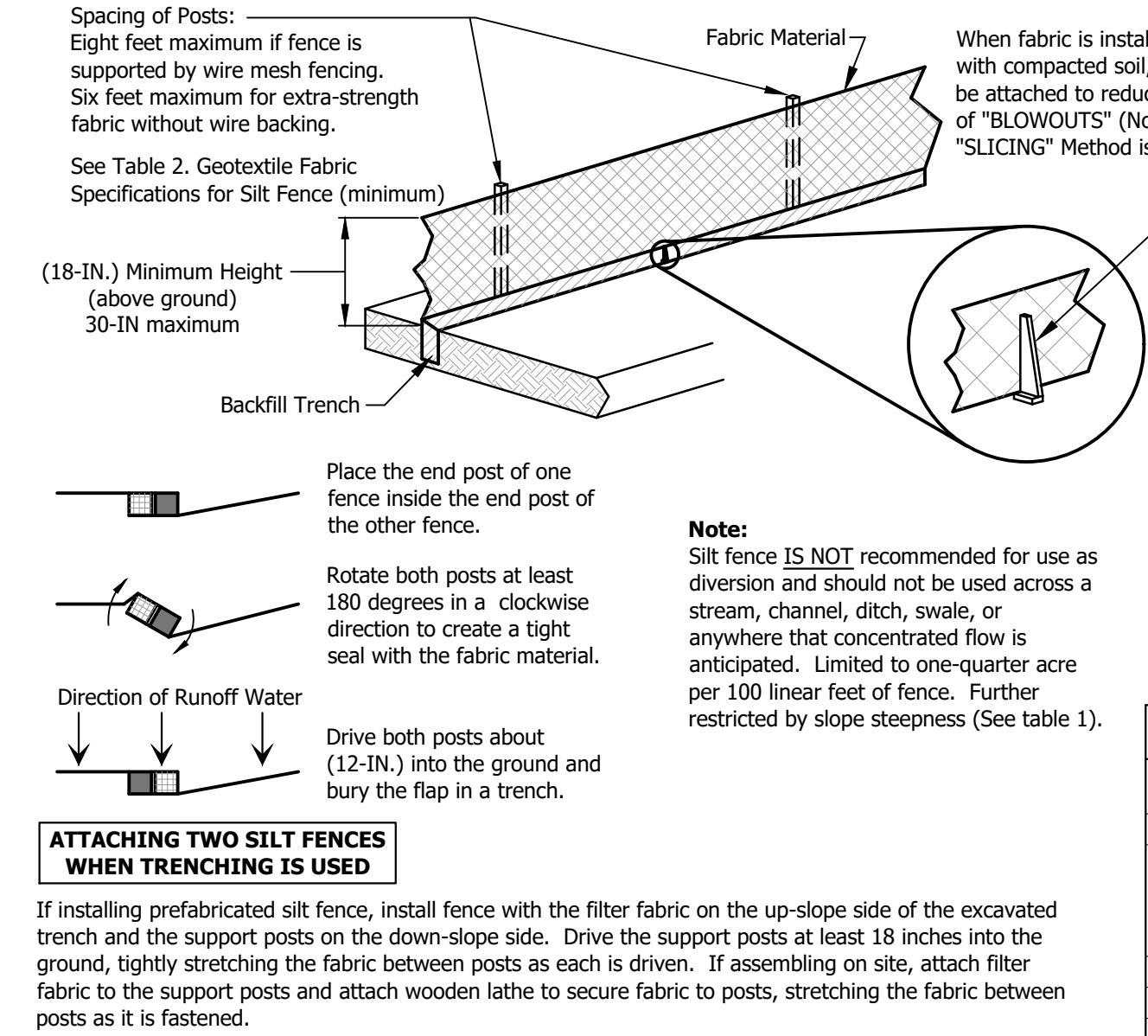
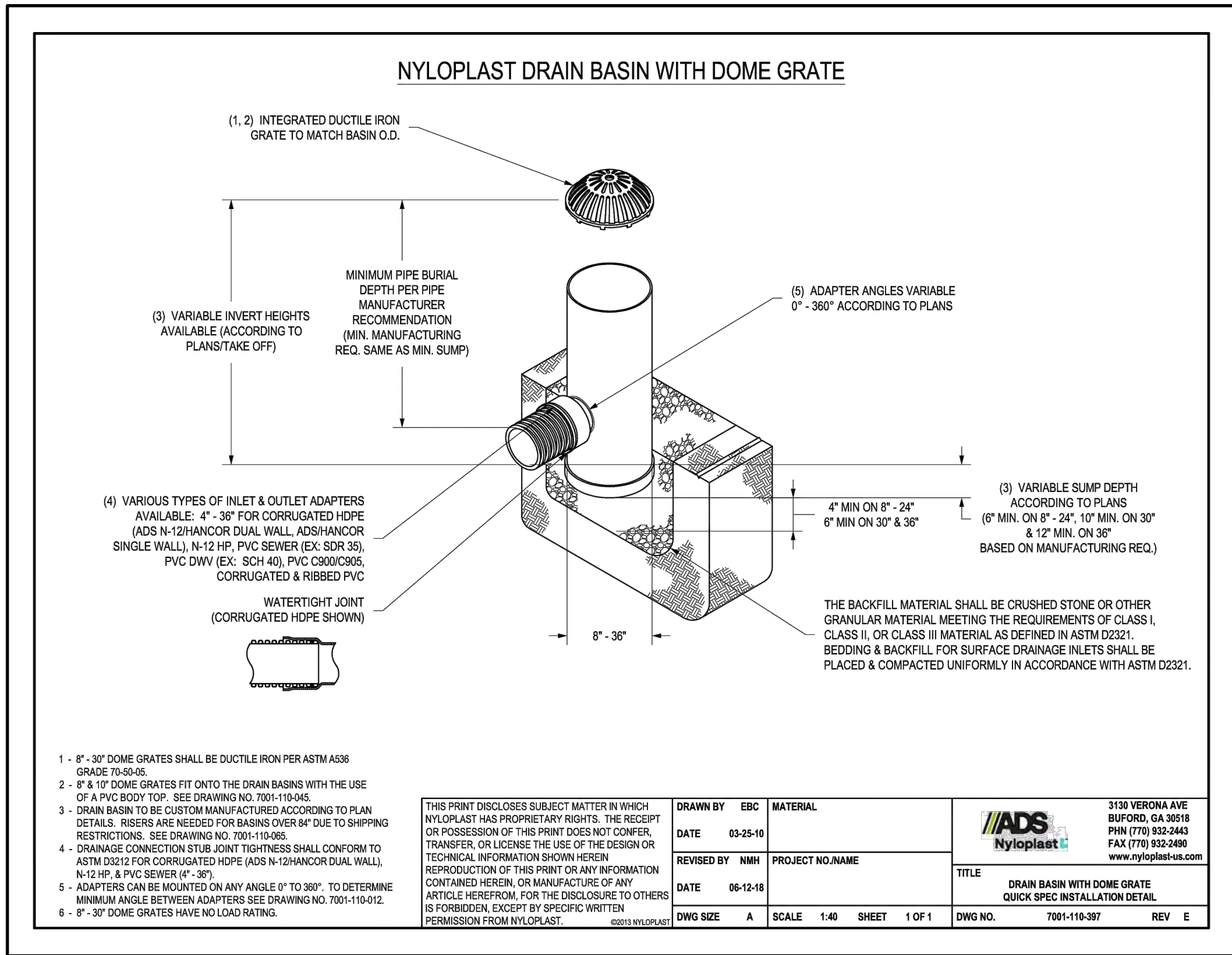
Sheet Number:

C103

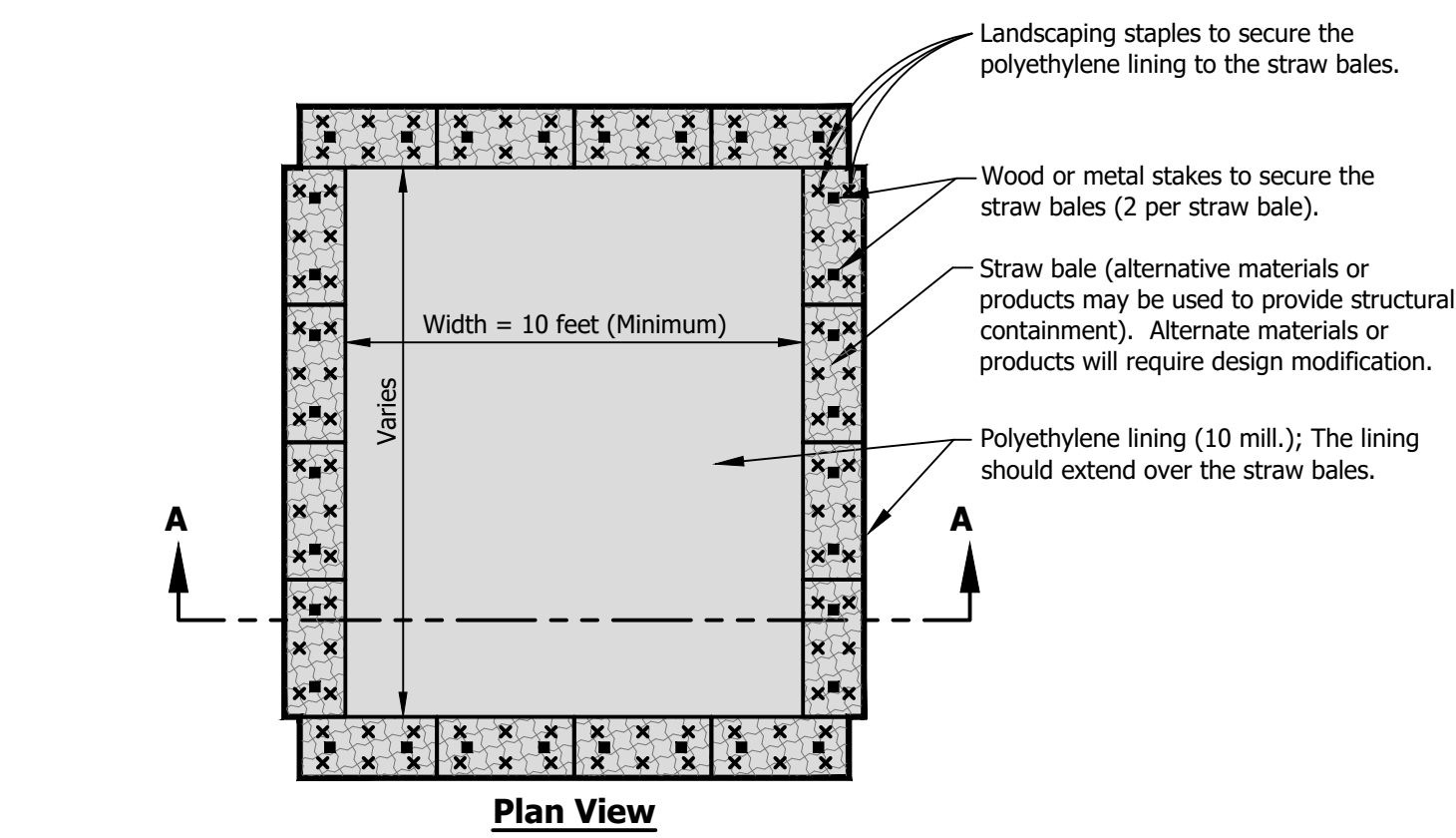




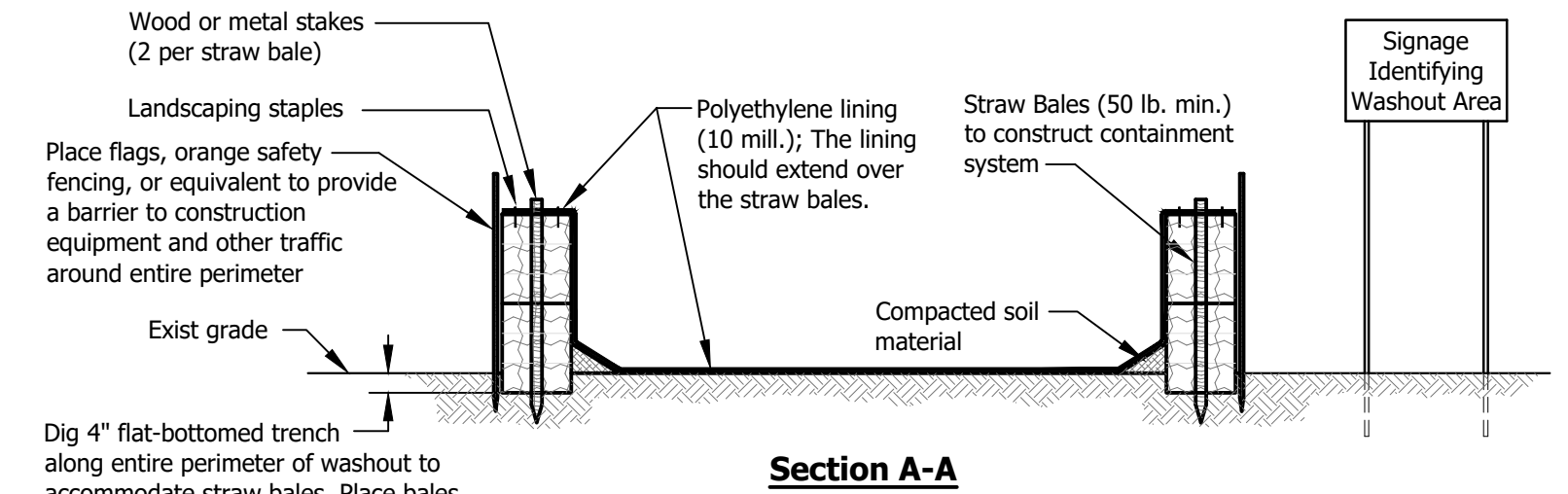
### HDPE Pipe Bedding



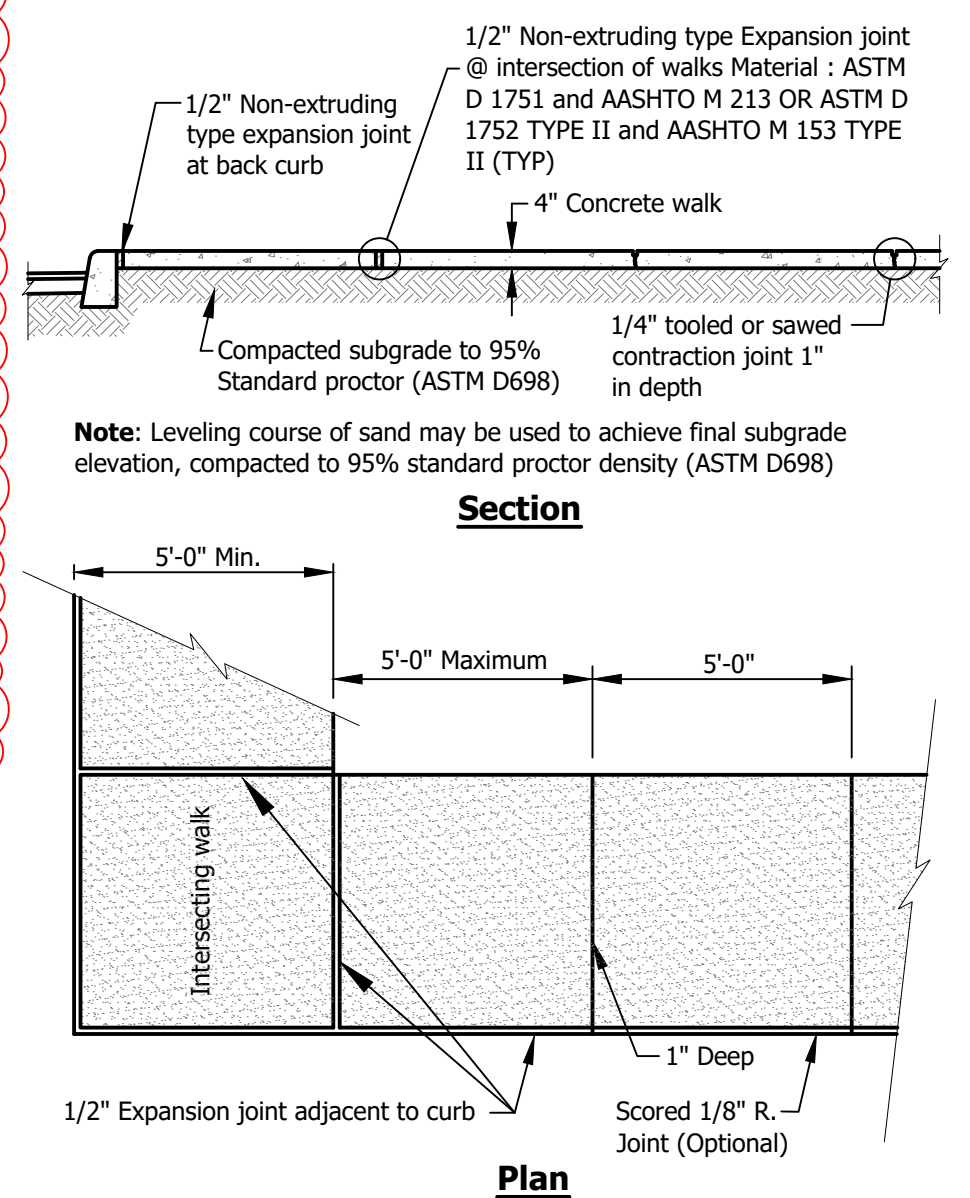
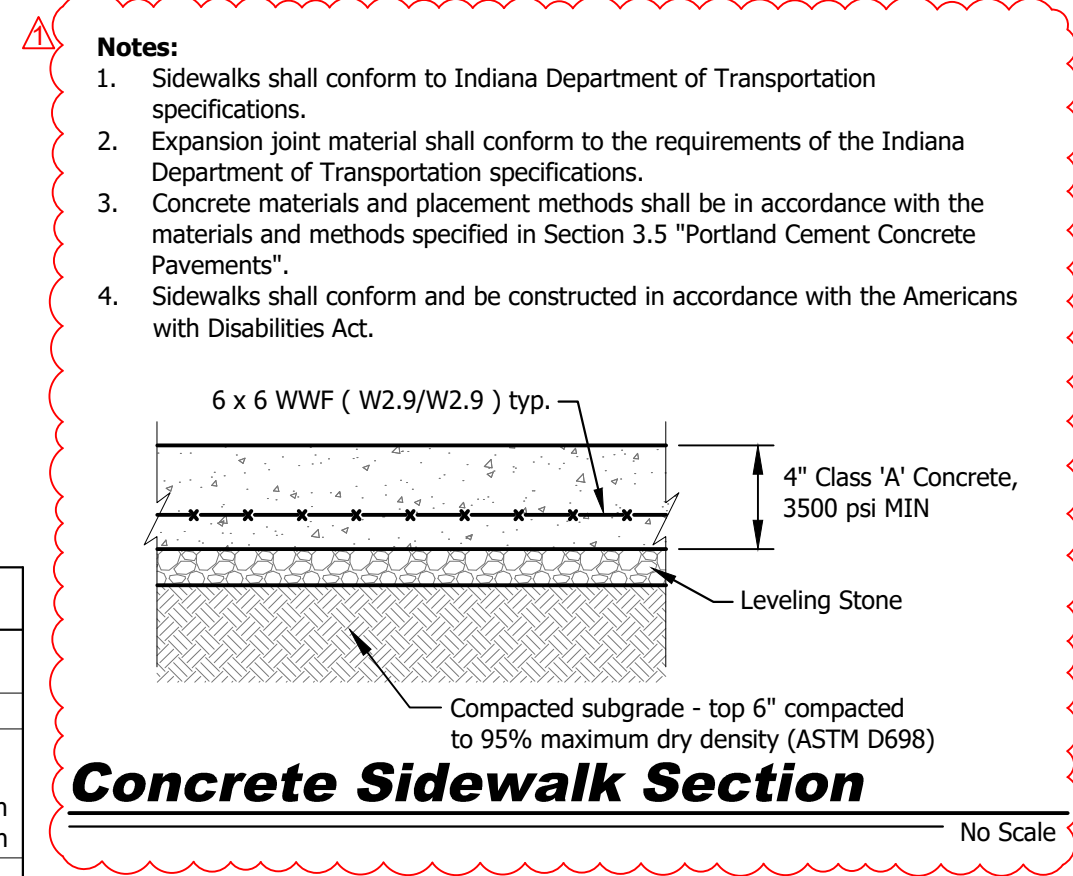
### Silt-Fence Installation



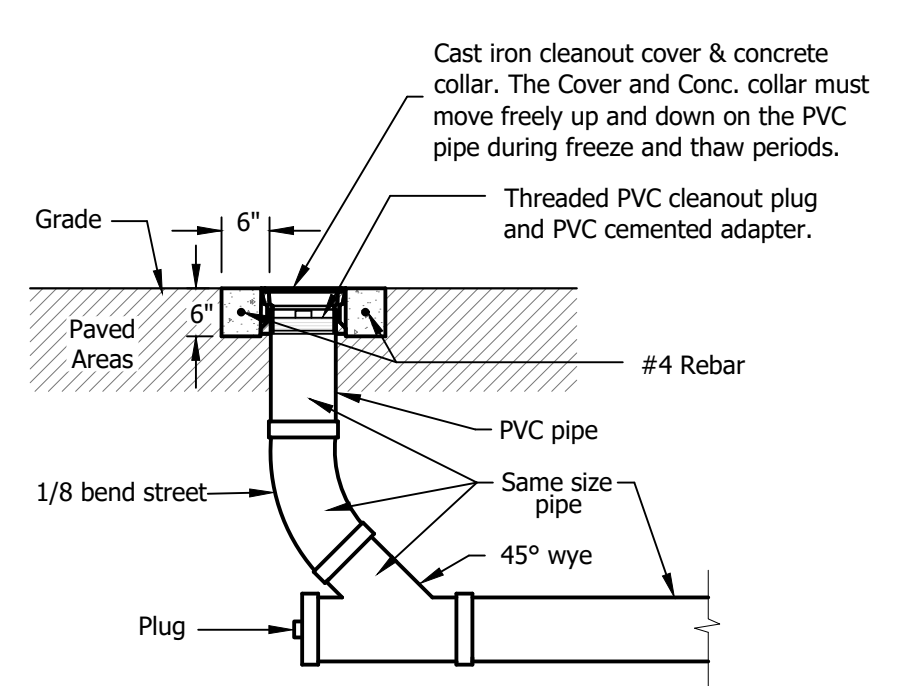
- Specifications:**
- Small amounts of excess or residual concrete (not washout water) may be disposed of in areas that will not result in flow to an area that is to be protected.
  - Locate concrete washout systems at least 50 feet from any creeks, wetlands, ditches karst features, or storm drains/man made conveyance systems.
  - The structure or system shall be designed to contain the anticipated washout water associated with construction activities.
  - A system designed and built above grade should be a minimum of ten feet wide by ten feet long, but sized to contain all liquid and waste that is expected to be generated between scheduled clean out periods. The size of the containment system may be limited by the size of polyethylene available. The polyethylene lining should be of adequate size to extend over the berm or containment system.
  - Polyethylene sheeting should be a minimum of ten millimeters, that is free of holes, tears, and other defects. The sheeting selected should be of an appropriate size to fit the washout system without seams or overlap of the lining.



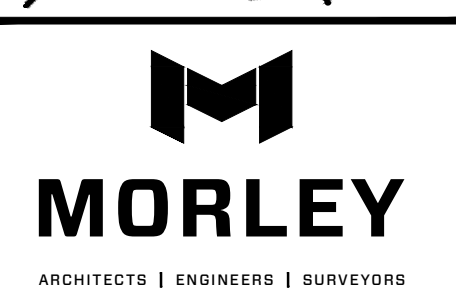
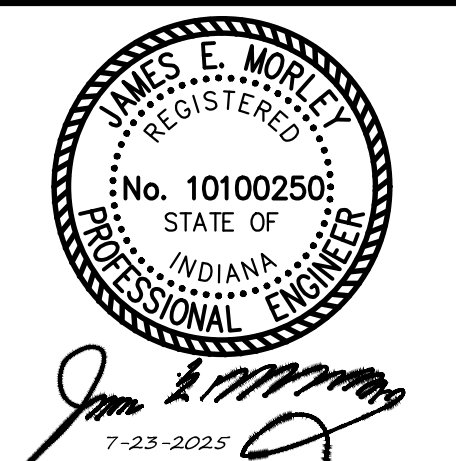
### Concrete Washout (Above Grade System)



### Sidewalk Joint Spacing



### Cleanout



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Wesselman Park  
Playground Restroom

602 N. Boeke Rd.  
Evansville, IN 47711

### Civil Site Details


No.	By	Date
	KJL	07/23/2025

### Revisions

Scale: As Noted

Designed By: JEM	Job Number: 04089.1.004-B
Drawn By: KJL	Date: 06.30.2025

Filename: 4089 Civil Base 2025

Sheet Number:

**C500**



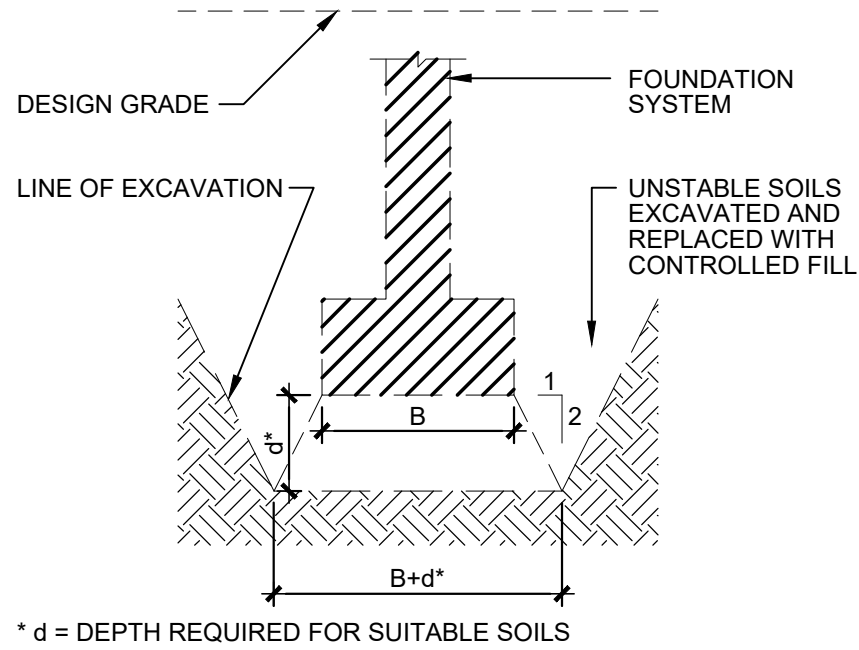
GENERAL STRUCTURAL NOTES

- ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE MINIMUM STANDARDS OF THE 2014 INDIANA BUILDING CODE (IBC) BASED ON THE 2012 INTERNATIONAL BUILDING CODE WITH 2014 INDIANA AMENDMENTS AND OTHER REGULATING AGENCIES HAVING JURISDICTION OVER ANY PORTION OF THE WORK.
- THE CONTRACTOR SHALL EXAMINE THE DRAWINGS AND SPECIFICATIONS TO VERIFY ALL DIMENSIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR WALL AND PARTITION LOCATIONS.
- DO NOT SCALE PLANS AND DETAILS. ONLY WRITTEN DIMENSIONS SHALL BE USED.
- SPECIFIC NOTES AND DIMENSIONS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
- THE CONTRACTOR SHALL PROVIDE THE DESIGN, MATERIALS, AND FABRICATION OF ALL TEMPORARY BRACING AND SHORING FOR ALL STRUCTURAL MEMBERS AS REQUIRED FOR STRUCTURAL STABILITY DURING ALL PHASES OF CONSTRUCTION.
- WHERE ANY CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF FEDERAL STATE, AND LOCAL LAWS, CODES AND/OR ORDINANCES, RULES REGULATIONS AND RESEARCH REPORTS, THE MOST STRINGENT SHALL GOVERN. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF SUCH CONFLICT IMMEDIATELY.
- IN THE EVENT IN WHICH CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS OR DESCRIBED IN THE GENERAL NOTES AND/OR SPECIFICATIONS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SIMILAR CONDITIONS THAT ARE INDICATED IN THE DRAWINGS AND/OR SPECIFICATIONS.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A COMPLETE FULL SIZE SET OF WORKING DRAWINGS AND SPECIFICATIONS ON SITE AT ALL TIMES. THE GENERAL CONTRACTOR SHALL AFFIX A COPY OF ALL CHANGE ORDERS AND ARCHITECT'S DIRECTIVES TO THE ASSOCIATED EFFECTED AREA OF THE WORKING DRAWINGS AND SPECIFICATIONS. THESE WORKING DRAWINGS, SPECIFICATIONS, AND AFFIXED ADDITIONAL INFORMATION SHALL BE MADE AVAILABLE TO ALL TRADES AT ALL TIMES.
- REVIEW SUBSURFACE INVESTIGATION AND GEOTECHNICAL RECOMMENDATIONS PRIOR TO BIDDING AND COMMENCEMENT OF WORK.
- VISIT SITE PRIOR TO BIDDING TO OBSERVE CONDITIONS NOT SPECIFIED HEREIN.
- REVIEW ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND CIVIL WORK PRIOR TO BIDDING AND COMMENCEMENT OF WORK.
- STRIP 8" OF TOPSOIL FROM ENTIRE CONSTRUCTION SITE. STOCK PILE ON SITE FOR LATER USE. STRIPPED SOIL MAY NOT BE USED FOR STRUCTURAL FILL.
- SOFT SOIL MAY PRESENT STABILITY PROBLEMS AT FOOTING EXCAVATIONS. SPORADIC UNDERCUTTING PROCEDURES MAY BE REQUIRED. AT LOCATIONS WHERE UNSUITABLE MATERIAL IS ENCOUNTERED, CONTRACTOR TO REMOVE UNSUITABLE SOILS AND RE-ESTABLISH FOOTING ELEVATION BY PLACING GRANULAR FILL OR BY PLACING LEAN CONCRETE.
- IN AREAS WHERE THE EXISTING GRADE IS ABOVE THE FINAL FLOOR ELEVATION, THE BUILDING AREAS SHOULD BE UNDERCUT. PROVIDE A MINIMUM OF 6" OF FREE DRAINING GRANULAR MATERIAL BENEATH THE CONCRETE FLOOR SLAB.
- IN AREAS WHERE THE EXISTING GRADE IS BELOW THE FINAL FLOOR ELEVATION, PROVIDE A WELL-COMPACTED STRUCTURAL FILL AS NECESSARY TO ELEVATE BUILDING PAD TO DESIRED ELEVATION. SEE EARTHWORK NOTES FOR FILL MATERIAL SPECIFICATIONS

EARTHWORK NOTES

- STRUCTURAL FILL TO BE CLEAN AND FREE OF ORGANIC MATERIAL, DELETERIOUS MATERIALS AND FROZEN SOIL. TEST SAMPLES TO DETERMINE CLASSIFICATION, OPTIMUM MOISTURE CONTENT, AND OVERALL SUITABILITY AS STRUCTURAL FILL. STRUCTURAL FILL SHOULD LAVE A LIQUID LIMIT LESS THAN 40 AND A PLASTICITY INDEX LESS THAN 20.
- STRUCTURAL FILL SHOULD BE COMPACTED TO AT LEAST 95% OF ITS MAXIMUM STANDARD PROCTOR DRY DENSITY (PER ASTM D-698). STRUCTURAL FILL UNDER FOOTINGS SHOULD BE COMPACTED TO 100% OF ITS MAXIMUM STANDARD PROCTOR DRY DENSITY.
- PLACE FILL ON WALLS WITH FILL ON BOTH SIDES EQUALLY WITH A 1'-0" MAXIMUM DIFFERENTIAL IN HEIGHT AT ANY GIVEN TIME.
- COMPACT OPEN GRADED FILL USING A VIBRATORY COMPACTOR. COMPACT FILL IN MAXIMUM 8" LIFTS.
- FILL BELOW SLAB FROM EXISITNG GRADE TO BOTTOM OF FOUNDATION SLAB TO BE DENSE GRADE AGGREGATE - INDIANA#53 THOROUGHLY COMPACTED IN 6"-8" LAYERS TO 95% MAX. DENSITY PER ASTM D-1557.

FOOTINGS IN UNSUITABLE MATERIAL



EXCAVATION FOR FOOTINGS IN UNSTABLE / UNSUITABLE MATERIALS

- COMPACT FILL UNDER FOOTINGS TO 100% OF ITS MAXIMUM STANDARD PROCTOR DRY DENSITY (ASTM D-698).
- WHERE SOIL MODIFICATION/STABILIZATION IS REQUIRED, CONTRACTOR OPTIONS INCLUDE: A) STONE MAT, B) ADDITIONAL STONE BASE, C) GEOGRID, OR D) CHEMICAL ADDITIVE SUCH AS LIME.
- WHERE POSSIBLE, PLACE CONCRETE FOUNDATION SYSTEMS AS SOON AS POSSIBLE AFTER THE EXCAVATION OPERATIONS ARE COMPLETED. IF NOT POSSIBLE, THEN THE EXCAVATION AREA MUST BE KEPT PROTECTED FROM RAIN, RUN-OFF AND SNOW UNTIL CONCRETE WORK CAN BEGIN.

GENERAL CONCRETE NOTES

- ALL APPLICABLE SECTIONS OF AMERICAN CONCRETE INSTITUTE (ACI) 301 (SPECIFICATIONS FOR STRUCTURAL CONCRETE) AND ACI 318 SHALL BE CONSIDERED A PART OF THESE DOCUMENTS.
- ALL CONCRETE WORK SHALL COMPLY WITH THE STATE ADOPTED VERSION OF THE INTERNATIONAL BUILDING CODE CHAPTERS 16, 17, 18, 19, AND 21.
- ALL ANCHOR BOLTS USED IN CONCRETE CONSTRUCTION SHALL HAVE A MINIMUM TOTAL EMBEDMENT AS FOLLOWS, U.N.O.:  
  
5/8" DIAMETER OR SMALLER = 8"      3/4" DIAMETER = 9"  
  
7/8" DIAMETER = 9"      1" DIAMETER = 10"
- LOCATION OF ALL CONSTRUCTION JOINTS, OTHER THAN THOSE SPECIFIED HEREIN, SHALL BE APPROVED BY THE ARCHITECT OF RECORD PRIOR TO POURING. CONSTRUCTION JOINTS SHALL BE THOROUGHLY AIR AND WATER CLEANED AND HEAVILY ROUGHENED SO AS TO EXPOSE COARSE AGGREGATES. ALL SURFACES TO RECEIVE CONCRETE TO BE MAINTAINED CONTINUOUSLY WET AT LEAST THREE HOURS PRIOR TO CONCRETE PLACEMENT.
- THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ARCHITECT PRIOR TO PLACING SLEEVES, PIPES, DUCTS, CHASES, CORING, AND OPENINGS IN OR THRU STRUCTURAL CONCRETE BEAMS, WALLS, FLOORS, AND ROOF SLABS, UNLESS SPECIFICALLY NOTED OR DETAILED. ALL PIPES AND/OR CONDUITS PASSING THRU CONCRETE MEMBERS SHALL BE SLEEVED WITH STANDARD STEEL PIPES.
- VIBRATE ALL CONCRETE (INCLUDING SLABS ON GRADE) AS IT IS PLACED WITH MECHANICAL VIBRATOR OPERATED BY EXPERIENCED PERSONNEL. THE VIBRATOR SHALL BE USED TO CONSOLIDATE THE CONCRETE, NOT TRANSPORT IT. REINFORCEMENT SHALL BE VIBRATED.
- REMOVE FORMS IN ACCORDANCE WITH THE FOLLOWING:  
SIDE FORMS FOR FOOTINGS = MINIMUM OF 2 DAYS  
EDGE FORMS FOR SLAB = MINIMUM OF 1 DAY
- CONCRETE SHALL NOT FREE FALL MORE THAN SIX FEET.

CONCRETE AND REINFORCING

PROVIDE CONCRETE THAT MEETS OR EXCEEDS THE FOLLOWING CRITERIA:

- STRENGTH:** F 'c AT 28 DAYS =3500 PSI U.N.O.
- SLUMP:** 4" +/- 1".
- TESTING:** OBTAIN (4) TEST CYLINDERS FROM EVERY 100 CUBIC YARDS AND/OR EACH INDIVIDUAL POUR. TESTING TO BE PAID FOR BY GENERAL CONTRACTOR. ANY ADDITIONAL TESTING, ETC. RESULTING FROM LESS THAN SPECIFIED CONCRETE STRENGTH TO BE PAID FOR BY THE GENERAL CONTRACTOR. FOLLOW ASTM TESTING PROCEDURES FOR ALL CONCRETE.
- REINFORCING:** BARS TO BE ASTM A615, GRADE 60. LAP JOINTS 32 (MIN.) BAR DIAMETERS AT ALL SPLICES.
- ACCESSORIES:** FURNISH IN ACCORDANCE WITH ACI DETAILING MANUAL. FOLLOW ACI RECOMMENDATIONS AND GUIDELINES WHILE FORMING AND PLACING CONCRETE.
- SLAB JOINTS:** CONCRETE FLOOR SLAB ON GRADE TO HAVE CONTROL OR CONSTRUCTION JOINTS WHERE PRACTICAL, BUT DO NOT EXCEED 12'-0" BETWEEN JOINTS, U.N.O.
- WALL JOINTS:** ALL REINFORCED CONCRETE WALLS SHALL HAVE CONTROL OR CONSTRUCTION JOINTS LOCATED MIDWAY BETWEEN SPANS BUT NOT OVER 30'-0" APART OR MORE THAN 15'-0" FROM CORNERS.
- CONCRETE COVER:** PROVIDE CONCRETE COVER OVER REINFORCING AS FOLLOWS:  
  
A) BETWEEN REINFORCING AND AIR = 2" OR AS NOTED  
B) BETWEEN REINFORCING AND EARTH = 3" OR AS NOTED  
C) SLABS = CENTER
- INTERSECTIONS:** ALL REINFORCED CONCRETE WALL INTERSECTIONS TO HAVE CORNER BARS SAME SIZE AND QUANTITY AS LONGITUDINAL WALL REINFORCING.
- AIR ENTRAINING:** ALL CONCRETE EXPOSED TO WEATHER TO HAVE 6% ENTRAINED AIR.
- CURING AND SEALING COMPOUND: SONNEBORN KURE-N-SEAL WB OR APPROVED EQUIVALENT ASTM C309, TYPE I, CLASS A PRODUCT)
- CONCRETE EXPANSION JOINT MATERIAL: SONNEBORN EXPANSION JOINT FILLER WITH SELF LEVELING SEALANT; SIKAFLEX-2C SL 2-PART POLYURETHANE SEALANT OR APPROVED EQUIVALENT.
- PROVIDE GROUND CABLE FROM REBAR TO GROUNDING STRUCTURAL STEEL AS REQUIRED. UTILIZE GROUND GRID AND USE EXOTHERMIC WELD FOR PROPER GROUNDING. COORDINATE GROUNDING REQUIREMENT WITH ELECTRICAL/MECHANICAL CONTRACTOR AND OWNER.
- CONCRETE FINISH:  
SLABS: HARD TROWEL U.N.O.  
FORMED SURFACES EXPOSED TO VIEW: SMOOTH RUBBED FINISH UNO APPROVED BY OWNER  
  
FORMED SURFACED NOT EXPOSED TO VIEW: AS CAST FORM FINISH  
TOP SURFACE OF FOUNDATION, EQUIPMENT PADS, PIERS AND WALLS: FLOAT FINISH

EPOXY SET RODS AND DOWELS NOTES

- EPOXY OR RESIN ADHESIVE SHALL BE USED IN ALL LOCATIONS WHERE EITHER ALL -THREAD ROD OR REBAR ARE BEING EMBEDDED INTO CONCRETE OR MASONRY AS TENSION ROD OR SHEAR ELEMENTS, UNLESS CAST-IN-PLACE ANCHORS ARE SPECIFIED.
- CONTRACTOR SHALL MIX AND INSTALL RESIN AND HARDENER PER MANUFACTURER'S SPECIFICATION. ALL EPOXY SET THREADED RODS SHALL BE SET UNDER CONTROLLED CONDITIONS.
- HOLES IN CONCRETE MAY BE DRILLED WITH ROTARY HAMMER DRILL. FOR HOLES IN MASONRY, A HAMMER ACTION DRILL SHALL NOT BE USED. SIZE SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDATIONS. IMMEDIATELY BEFORE APPLYING ADHESIVE, HOLES SHALL BE REAMED WITH A CIRCULAR WIRE BRUSH ATTACHED TO A DRILL AND BLOWN OUT WITH OIL-FREE COMPRESSED AIR.
- ADHESIVE FOR DOWNWARD HOLES MAY BE EITHER NON-SAG OR LIQUID TYPE - NORMAL SET. HORIZONTAL OR OVERHEAD HOLES SHALL BE NON-SAG TYPE - NORMAL SET. LIQUID EPOXY SHALL BE POURED SLOWLY INTO HOLE TO AVOID AIR ENTRAPMENT. NON-SAG EPOXY SHALL BE INJECTED WITH A SEALANT GUN WITH AN EXTENSION NOZZLE LONG ENOUGH TO REACH THE BOTTOM OF THE HOLE. THE HOLE SHOULD BE FILLED HALF FULL.
- BAR OR ROD SHALL BE SLOWLY INSERTED AND TURNED A MINIMUM OF ONE COMPLETE ROTATION. DO NOT PULL UP AND DOWN ON DOWEL OR ROD WHEN INSTALLING. REMOVE ANY ADHESIVE FROM PERIMETER OF HOLE PRIOR TO SETTING ROD OR DOWEL.
- DOWELING ADHESIVE: HILTI RE 500-SD EPOXY ADHESIVE

MISCELLANEOUS NOTES

- MECHANICAL OPENINGS NOT SHOWN OR SIZED ON PLANS TO BE SIZED AND LOCATED BY MECHANICAL CONTRACTOR WITH VERIFICATIONS MARKED ON DRAWINGS AND SUBMITTED TO ARCHITECT FOR APPROVAL.
- MECHANICAL CONTRACTOR TO PROVIDE SUPPORT FOR ALL MECHANICAL EQUIPMENT.
- DO NOT RUN CONDUIT IN CONCRETE.
- DO NOT USE CALCIUM CHLORIDE IN CONCRETE.

MISCELLANEOUS DESIGN LOADS

- LIVE LOADS:  
ROOF 20 PSF  
SNOW 15 PSF  
SLAB 300#/SQFT
- DEAD LOADS:  
ROOF ASSEMBLY 15 PSF
- SEISMIC  
2014 INDIANA BUILDING CODE  
RISK CATEGORY: II  
SITE CLASS C  
DESIGN RESPONSE COEFFICIENT, S<sub>DS</sub> 0.481 g  
DESIGN RESPONSE COEFFICIENT, S<sub>D1</sub> 0.256 g  
SEISMIC DESIGN CATEGORY C
- WIND  
RISK CATEGORY II  
BASIC WIND SPEED 115 MPH  
EXPOSURE CATEGORY C  
ENCLOSURE CLASSIFICATION ENCLOSED  
EXTERIOR ROOF: PARTIALLY ENCLOSED

SOIL CAPACITY NOTES

- ASSUMED 1500 PSF AT ALL FOOTINGS.

NOTE: IF DIFFERENT SOIL CONDITIONS ARE ENCOUNTERED IN FIELD CONTACT ENGINEER PRIOR TO COMMENCEMENT OF WORK.

SUBMITTAL REQUIREMENTS

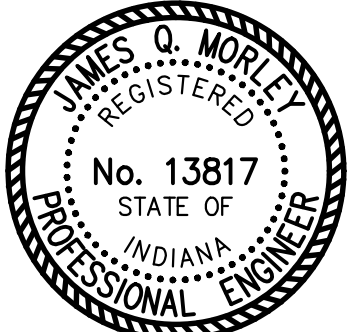
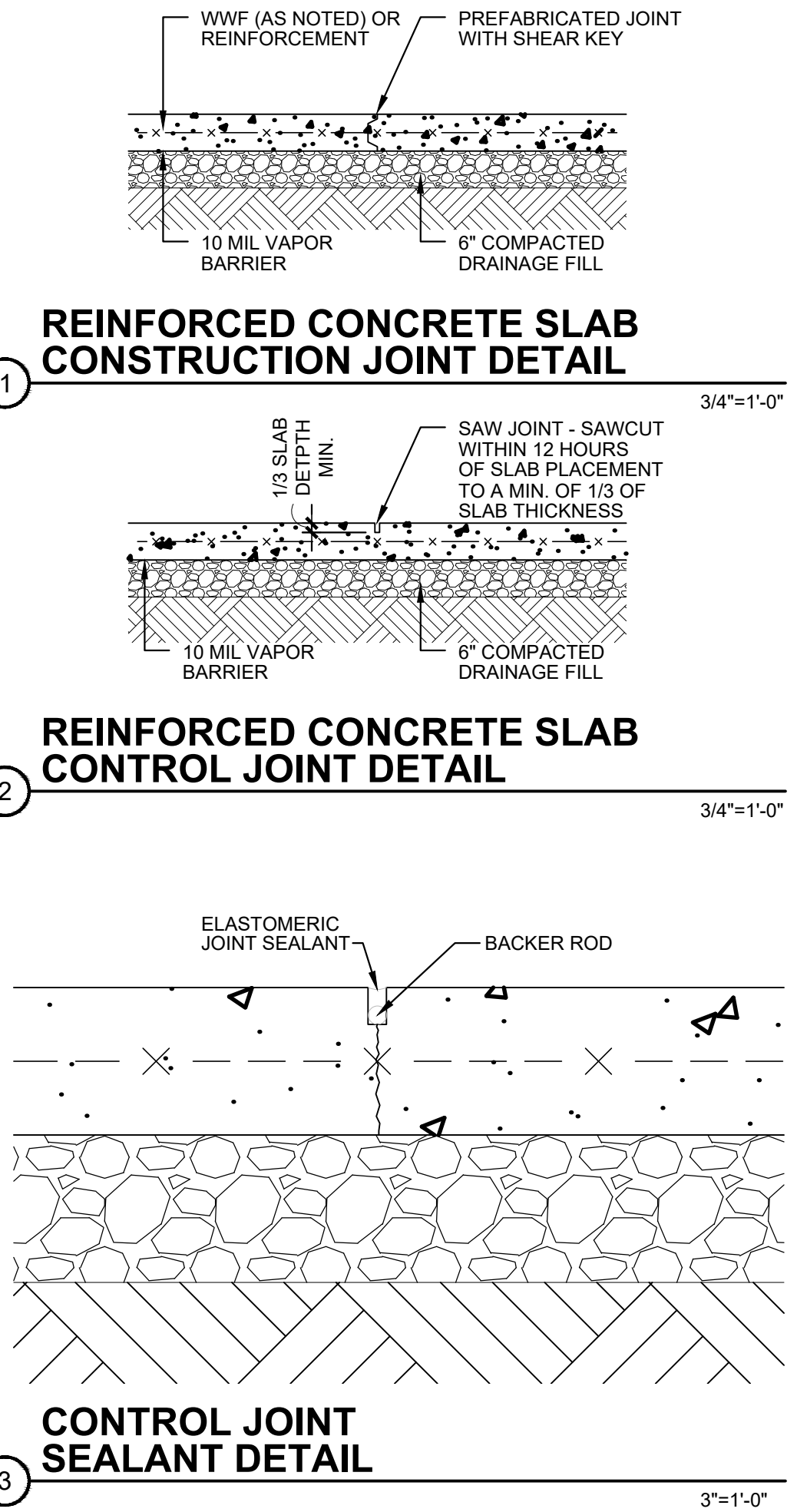
PLEASE PROVIDE THE FOLLOWING SUBMITTALS TO ARCHITECT-OF-RECORD OR STRUCTURAL ENGINEER-OF-RECORD PRIOR TO THEIR CONSTRUCTION:

- CONCRETE REINFORCEMENT SHOP DRAWINGS
- CONCRETE MIX AND SUPPLIER INFORMATION

REQUIRED INSPECTIONS

THE ENGINEER OF RECORD SHALL HAVE ACCESS TO THE SITE TO INSPECT THE FOLLOWING ELEMENTS OF CONSTRUCTION, PER THE REQUIREMENTS OF THE INDIANA RESIDENTIAL BUILDING CODE AND INDIANA BUILDING CODE:

- CONCRETE CONTRACTOR TO NOTIFY ENGINEER FOR REINFORCEMENT INSPECTION PRIOR TO PLACEMENT OF CONCRETE.



James Q. Morley



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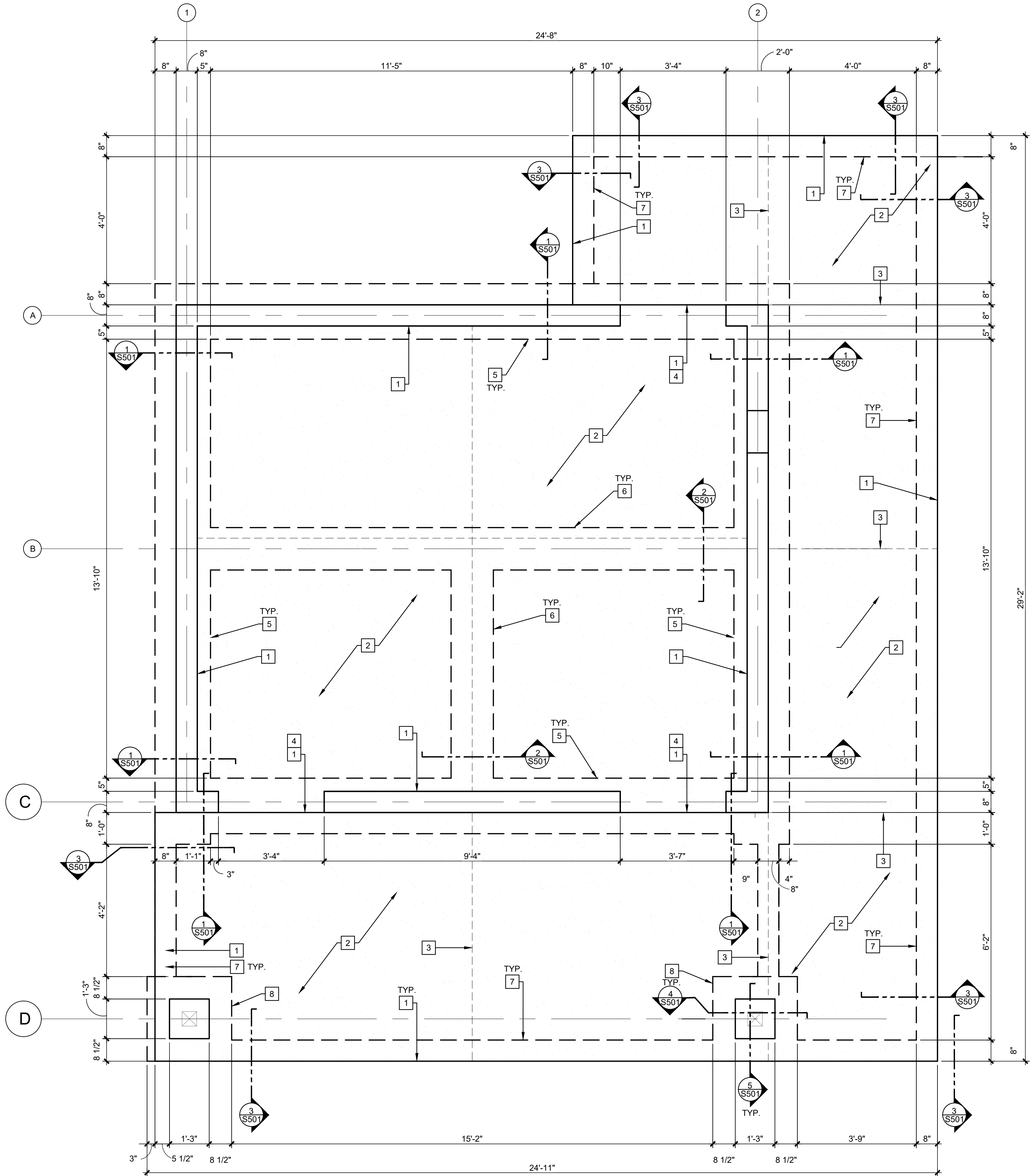
Wesselman Park  
Playground Restroom

602 N. Boeke Rd.  
Evansville, IN 47711

Structural  
General Notes

No.	By	Date
Revisions		
Scale: N/A		
Designed By:	Job Number:	
RS	04089.1.004-C	
Drawn By:	Date:	
RS	07.23.2025	
Filename:		
4089_Wesselman RR Bld_Structural		
Sheet Number:		
S001		





1 FOUNDATION PLAN  
1/2" = 1'-0"



SYMBOL LEGEND

- SECTION  
DRAWING LOCATION
- # REFERENCE NOTE
- DETAIL  
DRAWING LOCATION
- ELEVATION  
DRAWING LOCATION
- SHEAR WALL
- FIRE WALL

FOUNDATION PLAN GENERAL NOTES

- FF= T.O. SLAB = 0'-0" (ARCH) @ELEVATION +389.33.
- ALL LONGITUDINAL REINFORCEMENT IN STRIP FOOTING TO BE CONTINUOUS IN CORNER USING L-BARS WITH MIN. 40 BAR DIAMETER SPLICE LENGTH. ALL FOOTINGS SHOULD BE TIED RIGIDLY TOGETHER.
- T-INTERSECTIONS OF FOOTINGS REQUIRE REINFORCEMENT CONNECTION OF LONGITUDINAL REINFORCEMENT WITH INTERSECTING REINFORCEMENT BY USING L-BARS AND CONNECT 50% TO THE LEFT AND 50% TO THE RIGHT FROM THE SINGLE LEG OF THE FOOTING.(TYP.)
- VERIFY ALL DIMENSIONS WITH CIVIL AND ARCHITECTURAL DRAWINGS. TYP.

FOUNDATION PLAN REFERENCE NOTES

- EDGE OF SLAB
- SLAB TO BE 4" THICK 3500 PSI REINFORCED CONCRETE WITH 6X6 W2.9XW2.9 WELDED WIRE FABRIC OVER MIN. 10 MIL VAPOR BARRIER AND MIN. 4" COMPACTED AGGREGATE BASE. AT INTERIOR CORNERS AT DOORS, USE DIAGONAL PLACED #4 IN SLAB TO PREVENT CRACKS IN THIS LOCATIONS.
- TOOLED FINISHED CONTROL JOINT AT SHOWN LINES.
- FOUNDATION WALL TO BE 4" LOWER AT ALL DOOR OPENING LOCATIONS. REINFORCED CONCRETE SLAB TO BE EXTENDED OVER THIS AREA. (TYP.) PROVIDE #3 DIAGONAL REINFORCEMENT AT INSIDE CORNERS OF THESE SLAB EXTENSIONS TO PREVENT CRACKS. WIRE REINFORCEMENT TO BE CLOSE TO EDGES OF SLAB EXTENSION.
- 21" WIDE X18" THICK SPREAD FOOTING. DIMENSIONS AS SHOWN IN PLAN. (3)#5 ON BOTTOM AND (3)#4 LONGITUDINAL (TYP.) FOOTING TOP ELEVATION AT -0'-8" (TYP.)
- 18" WIDE THICKENED SLAB FOOTING (TYP.)
- 8" WIDE SLAB TURN DOWN FOOTING REINFORCED WITH (2)-#4 LONGITUDINAL (TYP.)
- 32 1/2"X32" REINFORCED CONCRETE COLUMN FOOTING WITH #4@6" O.C. IN BOTH DIRECTIONS ON BOTTOM. INTEGRATED WITH 8" WIDE SLAB TURN DOWN FOOTING (TYP.) TOP OF FOOTING @-0'-8". PROVIDE A CLOSED #4 SQUARE TIE AROUND THE PIER IN SLAB (3" OFF PIER EDGE) TO PREVENT CRACKING AT THE INSIDE CORNERS OF THE SLAB AROUND THE PIER (TYP.)



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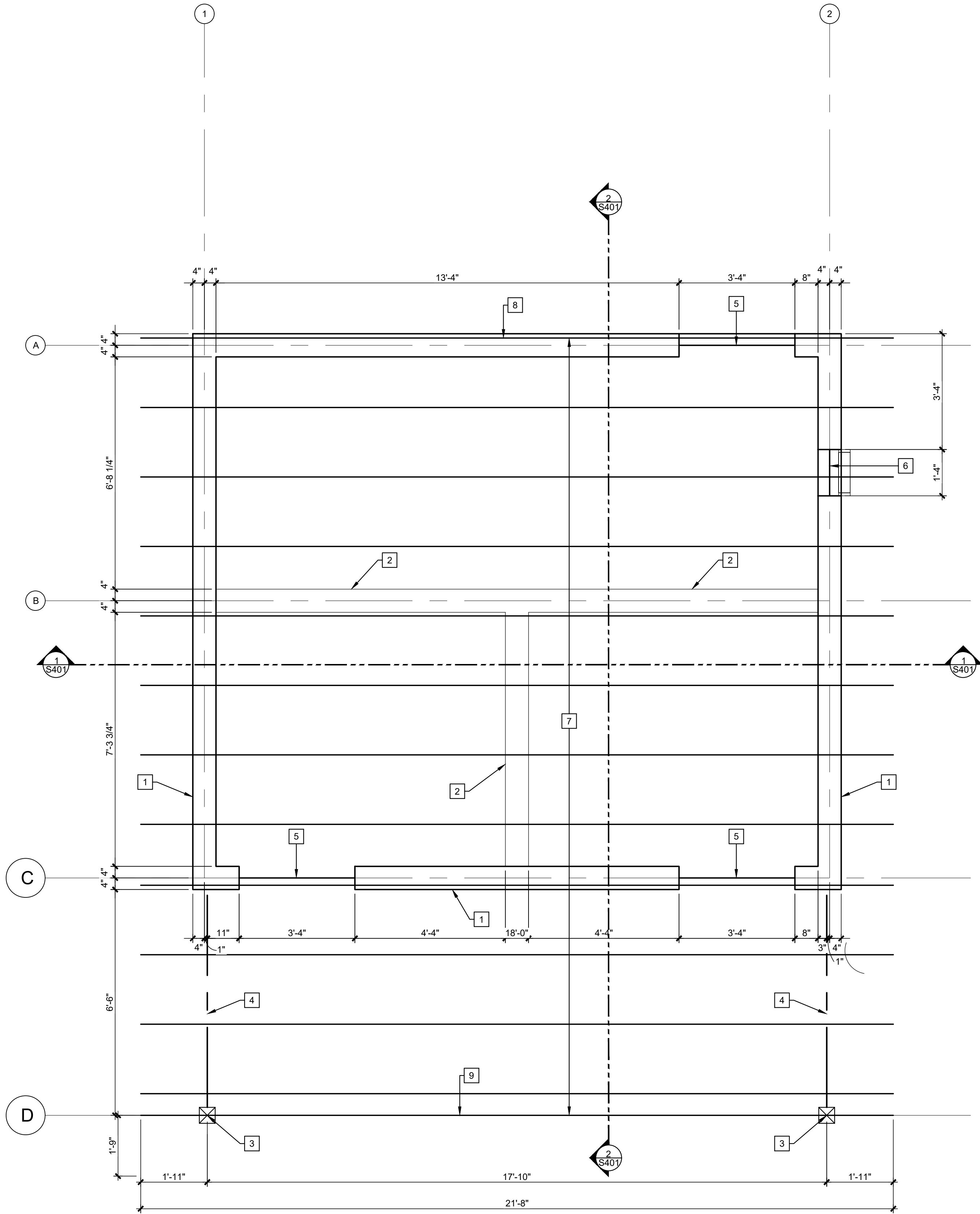
Structural  
Foundation Plan  
and Notes

No.	By	Date

Revisions		
Scale: 1/2"=1'-0"		
Designed By:	RS	Job Number: 04089.1.004-C
Drawn By:	RS	Date: 07.23.2025
Filename: 4089_Wesselman RR Bld_Structural		
Sheet Number:		

S101





**2 FRAMING AND ROOF FRAMING PLAN**  
1/2" = 1'-0"

### SYMBOL LEGEND

- SECTION  
DRAWING LOCATION
- # → REFERENCE NOTE
- DETAIL  
DRAWING LOCATION
- SHEAR WALL
- ELEVATION  
DRAWING LOCATION
- FIRE WALL

### FRAMING PLAN GENERAL NOTES

- FF= T.O. SLAB = 0'-0" (ARCH) @ELEVATION +389.33.
- ALL CMU DIMENSIONS ARE SHOWN NOMINAL. EXTERIOR BUILDING LINE MUST MATCH. (TYP.)
- VERIFY ALL DIMENSIONS WITH CIVIL AND ARCHITECTURAL DRAWINGS. TYP.
- CMU CELLS AND THE ADJACENT CELLS LEFT AND RIGHT WHERE A STEEL BEAM SUPPORT IS LOCATED TO BE REINFORCED AND FULLY GROUTED (TYP.) STEEL BEAM SUPPORT ON A 3/8" THICK STEEL MASONRY TO STEEL CONNECTION PLATE WITH STEEL STUBS INTO THE GROUT AND WELDED THREADED ROD FOR BOTTOM FLANGE CONNECTION WITH DIAMETER AS INDICATED. LONGITUDINAL HOLES FOR BEAM CONNECTION IN BOTTOM FLANGE ON ONE END OF BEAM (TYP.)
- ALL ARCHITECTURAL INTERIOR CMU WALLS TO BE NON- GROUTED WITH HORIZONTAL REINFORCEMENT @16" O.C. VERTICAL. HORIZONTAL REINFORCEMENT NOT TO OBSTRUCT PLUMBING LINES TO BE INSTALLED INSIDE WALLS WHERE INDICATED ON PLUMBING DRAWINGS. (TYP.)

### FRAMING PLAN REFERENCE NOTES

- 8" CMU LOAD BEARING WALL WITH #5 @ 32" O.C. VERTICAL REINFORCEMENT. HORIZONTAL LADDER REINFORCEMENT SPACED @16" O.C. VERTICALLY. TOP OF WALL @+9'-4" GROUT ALL REINFORCED CELLS SOLID. BOND BEAM ON TOP OF WALL TO BE REINFORCED WITH (2)#6 CONTINUOUS. CELLS BELOW AND ONE CELL LEFT AND RIGHT OF BEAM SUPPORTS TO BE REINFORCED WITH (1) #5 EACH AND GROUTED SOLID. ANCHOR TREATED NOM. 2X6 TOP PLATE TO BOND BEAM @32" O.C. USING AN APPROVED ANCHOR SYSTEM. SEE ARCHITECTURAL DRAWINGS FOR FINISH SURFACE REQUIREMENTS.
- 8" CMU INTERIOR WALL WITH HORIZONTAL LADDER REINFORCEMENT SPACED @16" O.C. VERTICALLY. TOP OF WALL @+9'-4"
- NOM. 6X6 TREATED POST ON SIMPSON STRONG TIE MBPZ66Z POST BASE AND WITH SIMPSON STRONG TIE BC46 POST CAP TO DOUBLE NOM. 2X BEAM.
- DOUBLE NOM. 2X8 SP #2 OR BETTER CANTILEVERING BEAM ON TOP MOUNT HANGER SIMPSON STRONG TIE BA28 TO 2X TRUSS BEARING PLATE ON TOP OF CMU WALLS AND WITH TITAN SCREWS TO CMU ON OPEN HANGER HOLES. POST CONNECTION TO BE SIMPSON STRONG TIE BC46 WITH FILLER TOWARD INSIDE OF DECK ON NOM.6X6 TREATED POST.
- NOM. 16" MASONRY LINTEL WITH (2)#5 ON BOTTOM (TYP.) OR PRE-CAST CONCRETE LINTEL SUBMITTED BY CONTRACTOR TO EOR FOR APPROVAL.
- PROVIDE 8" MASONRY LINTEL WITH 2-#4 ON BOTTOM FOR 16" WIDE MECHANICAL OPENINGS. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR OPENING ELEVATION.

### ROOF FRAMING PLAN GEN. NOTES

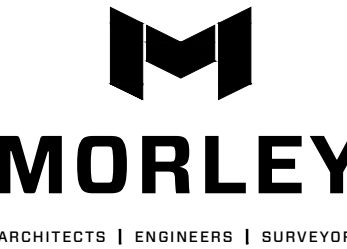
- ALL TRUSSES ON TREATED NOM. 2X PLATES ON MASONRY TO BE ANCHORED TO THE TREATED WOOD PLATE WITH SIMPSON STRONG TIE H10S HURRICANE CLIPS TO CMU BOND BEAM. USE SHGAM10 TO CMU BOND BEAM FOR END GABLE TRUSSES (TYP.) USE ALL DESIGNATED FASTENERS SPECIFIED BY MFG FOR MAX STRENGTH.
- ALL TRUSSES ON TREATED NOM. TRIPLE WOOD CANTILEVER BEAM TO USE SIMPSON STRONG TIE H1A HURRICANE CLIPS AT EACH TUSS END. USE ALL DESIGNATED FASTENERS SPECIFIED BY MFG.
- VERIFY ALL DIMENSIONS WITH CIVIL AND ARCHITECTURAL DRAWINGS. TYP.

### ROOF FRAMING PLAN REF. NOTES

- ROOF TRUSSES DESIGNED BY OTHERS @24" ON CENTER. ROOF SLOPE 5:12. PROVIDE 3/4" ROOF DECKING BELOW SPECIFIED METAL ROOFING (TYP.) SEE BUILDING SECTIONS FOR SUPPORT DETAILS AND BEARING ELEVATION. SEE ARCH. DRAWINGS FOR ROOF SLOPE AND OTHER ROOF CONSTRUCTION DETAILS.
- END GABLE TRUSS TO ALLOW FOR MECHANICAL OPENINGS FOR LOUVER SHOWN IN MECHANICAL AND ARCHITECTURAL ELEVATIONS.
- END GABLE TRUSS TO HAVE UPRIGHTS ON 16" O.C. TO ALLOW FOR THROUGH FASTENING OF FRONT VENEER TRUSS. (TYP.) SEE ARCHITECTURAL DRAWINGS FOR EXTERNAL VENEER TRUSS LAYOUT AND TRUSS PLATES.



James Q. Morley



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**Structural**  
Framing Plan,  
Roof Framing Plan  
and Notes


No.	By	Date

Revisions	
Scale: 1/2"=1'-0"	
Designed By: RS	Job Number: 04089.1.004-C
Drawn By: RS	Date: 07.23.2025
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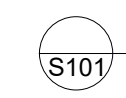
**S102**




SYMBOL LEGEND



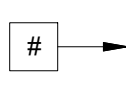
SECTION  
DRAWING LOCATION




DETAIL  
DRAWING LOCATION



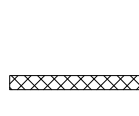
ELEVATION  
DRAWING LOCATION



REFERENCE NOTE



SHEAR WALL



FIRE WALL



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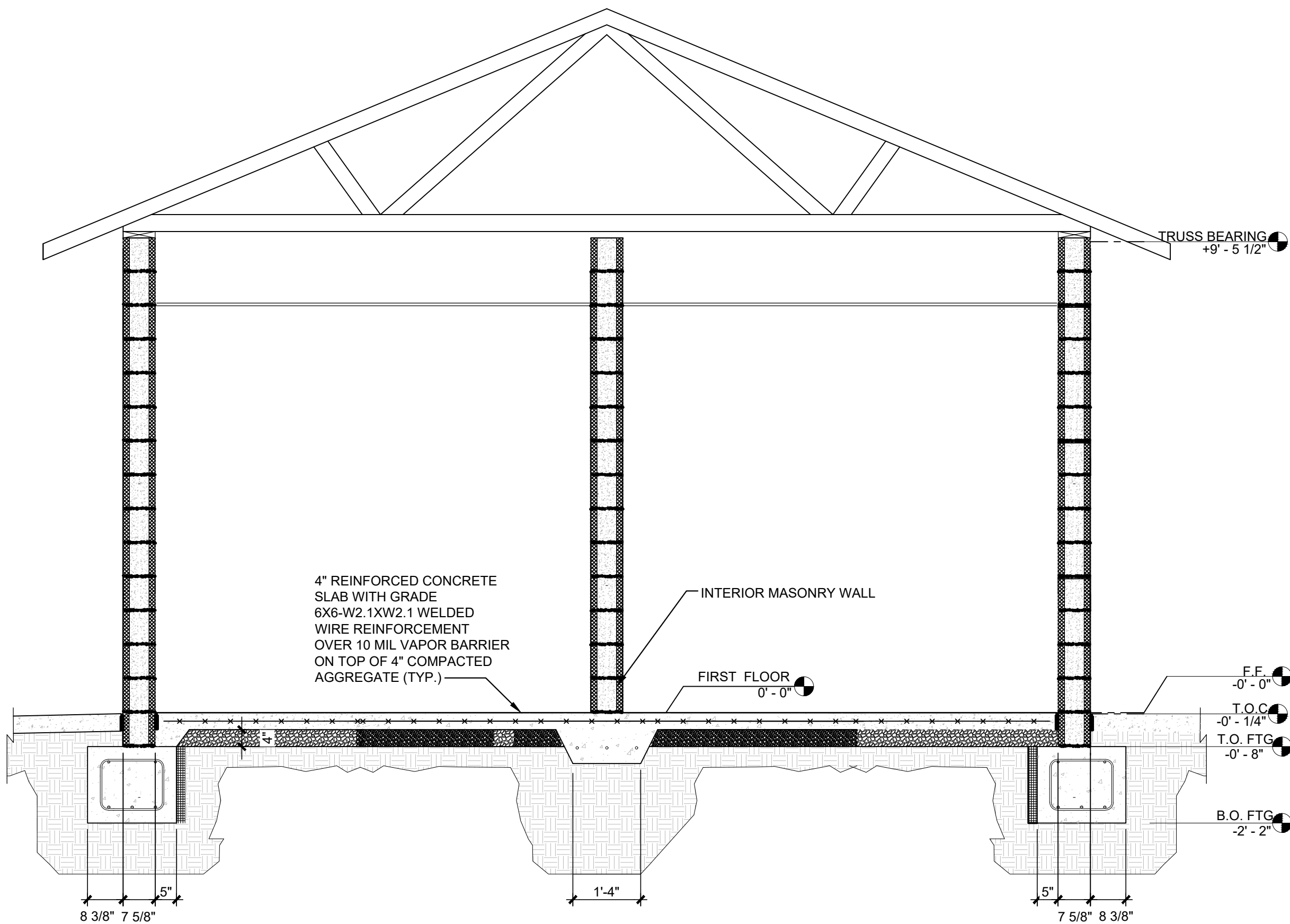
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Structural  
Framing Elevations

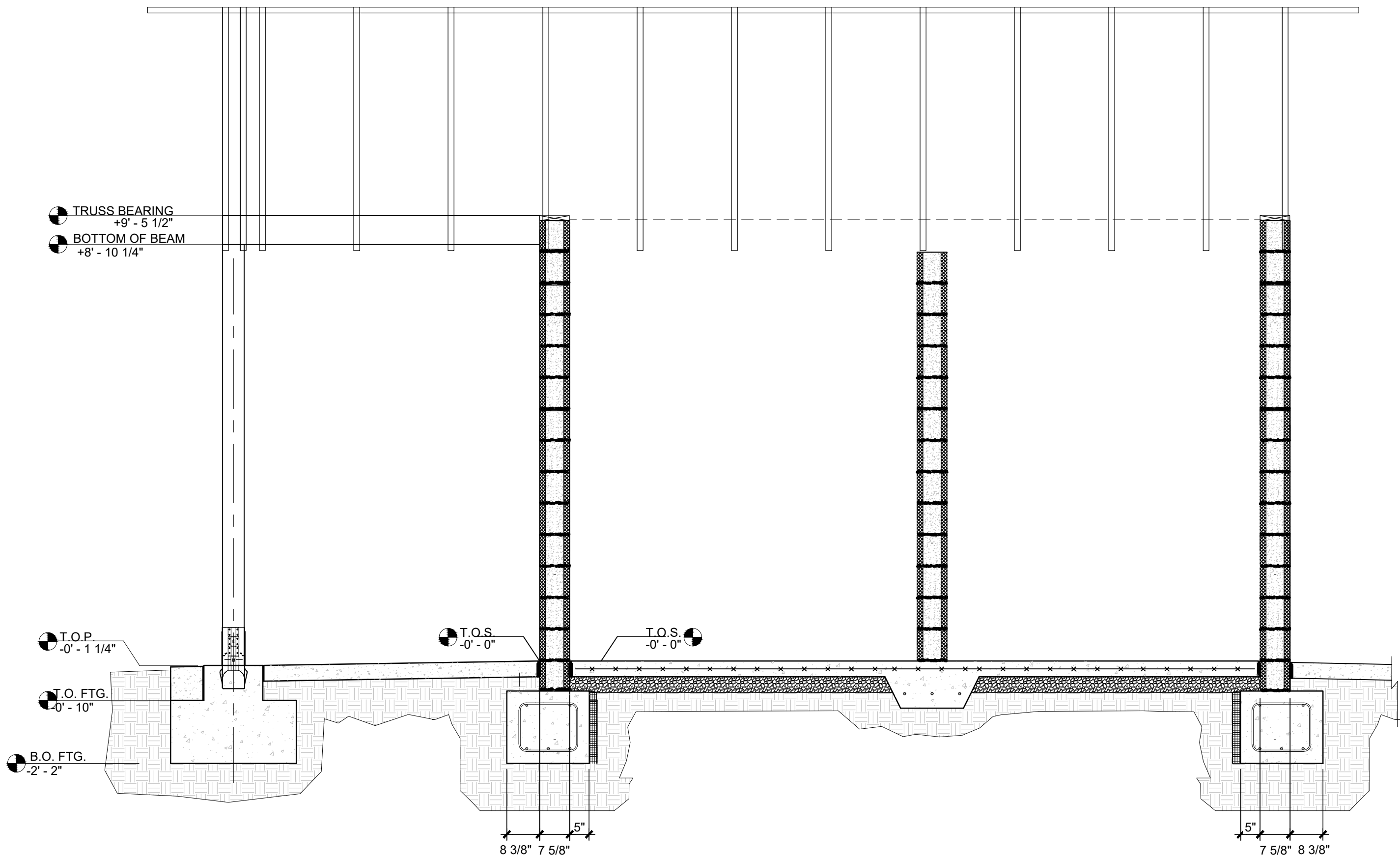

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Revisions		
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S401



① MASONRY- STEEL- ROOF FRAMING ELEVATION SECTION

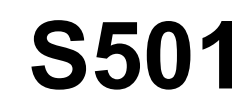
1/2" = 1'-0"



② MASONRY- STEEL- ROOF FRAMING ELEVATION SECTION

1/2" = 1'-0"







GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS INCLUDING FLOOR ELEVATIONS AND ADJACENT GRADES PRIOR TO ANY SIGN OR CONSTRUCTION WORK. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR CONFLICTS OF ANY CONDITIONS WHICH MAY INTERFERE WITH THE PROPER EXECUTION OF CONSTRUCTION PRIOR TO BIDDING AND START OF CONSTRUCTION. CHANGE ORDERS OR EXTRAS WILL NOT BE ALLOWED FOR OBSERVABLE EXISTING CONDITIONS AFTER COMMENCEMENT OF CONSTRUCTION.

2. REFER TO ALL CIVIL, STRUCTURAL, ARCHITECTURAL, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS, AND TECHNICAL SPECIFICATIONS FOR ANY ADDITIONAL INFORMATION AND FOR COORDINATION PURPOSES.

3. ALL CONTRACTORS ARE REQUIRED TO VISIT THE SITE AND REVIEW ALL CONSTRUCTION DOCUMENTS PRIOR TO BIDDING TO FULLY UNDERSTAND THE SCOPE AND SCALE OF WORK REQUIRED, AND TO DETERMINE THAT ALL WORK CAN BE ACHIEVED IN A COMPLETE MANNER UNDER THEIR BID.

4. CONTRACTOR SHALL VERIFY AND NOTIFY ARCHITECT AND ENGINEER OF ANY DISCREPANCIES, CONFLICTS IN LOCATION OF NEW CONSTRUCTION, OMISSIONS IN DRAWINGS AND/OR JOB CONDITIONS AS SOON AS POSSIBLE, PRIOR TO WORK CONTINUING IN THAT AREA.

5. ALL CONSTRUCTION AND INSTALLATION SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE AND LOCAL ORDINANCES, CODES, OWNER REQUIREMENTS, AND PROJECT DOCUMENTS WHEN CONFLICT OCCURS MOST RESTRICTIVE REQUIREMENT PREVAIL. CHANGE ORDERS OR EXTRAS WILL NOT BE ALLOWED FOR CODE COMPLIANCE CONDITIONS AFTER BIDDING AND COMMENCEMENT OF CONSTRUCTION.

6. GENERAL CONTRACTOR SHALL REVIEW DRAWINGS FOR ACCURACY PRIOR TO BEGINNING OF WORK AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES FOUND. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED DURING CONSTRUCTION SHOULD CHANGES BE REQUIRED FOR DISCREPANCIES OF WHICH THE ARCHITECT WAS NOT NOTIFIED.

7. ALL CONSTRUCTION DOCUMENTS, INCLUDING DRAWINGS AND SPECIFICATIONS, ARE THE SOLE PROPERTY OF THE ARCHITECT AND ANY UNAUTHORIZED, INCORRECT, OR ADDITIONAL USE OF THESE DOCUMENTS IS PROHIBITED. ANY USE OF THESE DOCUMENTS FOR ANY REASON OTHER THAN EXPRESSLY MENTIONED IN THE DOCUMENTS, MUST BE AUTHORIZED IN WRITING BY THE ARCHITECT.

8. ARCHITECT AND ENGINEER CANNOT BE RESPONSIBLE FOR ERRORS, DELAYS OR OMISSIONS BY THE CONTRACTOR OR HIS AGENTS. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL CONTRACT DOCUMENTS, THE VARIOUS TRADES UNDER HIS CONTRACT, FOR COORDINATION WITH OTHER SUBCONTRACTORS ON THE SITE, AND WITH THE OWNER TO ASSURE EXPEDIENT COMPLETION OF THE WORK.

9. CONTRACTOR TO COORDINATE WITH OWNER AND OBTAIN LIST OF PRE-APPROVED CONTRACTORS, VENDORS, AND/OR SUPPLIERS. IF PRE-APPROVAL IS REQUIRED BY OWNER, CONTRACTOR TO UTILIZE APPROVED CONTRACTORS, VENDORS, AND/OR SUPPLIERS PER OWNER REQUIREMENTS.

10. ALL CONTRACTORS SHALL OBTAIN ALL REQUIRED LICENSES, BONDS, AND PERMITS PRIOR TO START OF CONSTRUCTION.

11. CONTRACTOR SHALL CARRY ALL NECESSARY PROPERTY DAMAGE, PUBLIC LIABILITY, DISABILITY, AND WORKMEN'S COMPENSATION INSURED BY JOB CONDITIONS AND OWNERS REQUIREMENTS TO PROTECT ALL PARTIES INVOLVED AGAINST CLAIMS DUE TO CONTRACTOR'S NEGLIGENCE. CONTRACTOR TO LIST OWNER AS ADDITIONALLY INSURED ON CERTIFICATE OF INSURANCE. COPIES SHALL BE SUBMITTED TO OWNER PRIOR TO WORK COMMENCING.

12. ARCHITECT IS NOT RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION.

13. CONTRACTOR IS TO PROVIDE ALL NECESSARY MATERIALS AND LABOR TO COMPLETE WORK AS SHOWN OR ILLUSTRATED IN PROJECT CONSTRUCTION DOCUMENTS.

14. WORK SHALL NOT INTERFERE WITH OR INTERRUPT OPERATIONAL HOURS OF BUSINESS CONDUCTED IN ADJACENT AREAS. IF INTERRUPTIONS ARE REQUIRED, CONTRACTOR TO COORDINATE WITH OWNER 36 HOURS MINIMUM IN ADVANCE OF INTERRUPTION.

15. LIMITED CONSTRUCTION SUPERVISION IS PROVIDED BY THE ARCHITECT ON THIS PROJECT. RFIS SHOULD BE SENT TO ARCHITECT.

16. DO NOT SCALE DRAWINGS - WRITTEN DIMENSIONS TAKE PRECEDENT.

17. LARGE SCALE DRAWINGS TAKE PRECEDENCE OVER SMALL SCALE. DETAILS TAKE PRECEDENCE OVER ALL. CONTRACTOR SHALL NOTIFY ARCHITECT AND ENGINEER OF CONFLICTS IN WRITING PRIOR TO START OF CONSTRUCTION IN THE AREA AFFECTED.

18. CONTRACTOR SHALL NOT SCALE DRAWINGS AND SHALL VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH PROCUREMENT OF MATERIALS REQUIRED TO BE ACCURATELY FITTED TO THE BUILDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL SUCH MEASUREMENTS AND FOR THE PRECISE FITTING OF THE WORK.

19. ALL DIMENSIONS ARE FROM FACE OF STUD, FACE OF MASONRY, FACE OF ALUMINUM FRAME, OR FACE OF EXISTING CONSTRUCTION, UNLESS NOTED OTHERWISE. ALL EXTERIOR DIMENSIONS ARE "NOMINAL". ALL INTERIOR DIMENSIONS ARE "ACTUAL". ALL CLEAR DIMENSIONS ARE TO BE WITHIN 1/8" +/- ALONG FULL HEIGHTS AND FULL WIDTHS OF WALLS. CONTRACTOR SHALL NOT ADJUST ANY DIMENSION MARKED "HOLD", "HOLD", "CLEAR", OR "CLR" WITHOUT WRITTEN INSTRUCTIONS FROM THE ARCHITECT OR ENGINEER.

20. MAINTAIN CLEANLINESS OF COMMON AND EXTERIOR SPACES DURING CONSTRUCTION.

21. MAINTAIN ACCESSIBLE PATH OF TRAVEL AND RELOCATED ACCOMMODATIONS DURING CONSTRUCTION.

22. FLOOR ASSEMBLIES:

a. FIRST FINISH FLOOR ELEVATION ESTABLISHED AT ELEVATION 00'-0".

b. FINISHED FLOOR ELEVATIONS ARE FROM THE FACE OF THE FINISHED SUBSTRATE, I.E. CONCRETE DECK, CONCRETE SLAB, WOOD DECKING, ETC. OR FACE OF EXISTING FINISH.

c. TYPICAL FLOOR CONSTRUCTION TO CONSIST OF 4" WIRE OR FIBER REINFORCED CONCRETE ABOVE COMPACTED SUBGRADE, 4" OF DRAINAGE FILL, AND 10 MIL. VAPOR BARRIER. SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION.

d. ALL FLOORS SHALL BE LEVEL WITHIN 1/8 INCH TOLERANCE IN 10 FEET. SMOOTH AND SEALED UNLESS ACCEPT INTERIOR FINISHES. IF A LEVELING AGENT IS A LEVELING AGENT MUST BE PREAPPROVED TO COMPLY WITH ALL FINISH SPECIFICATIONS AND REQUIREMENTS.

e. ALL TRANSITIONS MUST BE SMOOTH AND FLUSH.

23. WALL ASSEMBLIES:

a. ALL WALL CONSTRUCTION EXTENDED TO DECK TO BE SUPPORTED FROM TOP OR BOTTOM CHORD OF STRUCTURAL MEMBER AND NOT DECKING ABOVE.

b. PROVIDE FIRE TREATED WOOD BLOCKING IN WALLS AND CEILINGS AS REQUIRED FOR INSTALLATION OF CASEWORK, HANDRAILS, TOILET ACCESSORIES, OR OTHER SURFACE MOUNTED DEVICES, ACCESSORIES, OR OTHER SPECIFIED ITEMS. COORDINATE BLOCKING LOCATIONS WITH DRAWINGS AND EQUIPMENT MANUFACTURER WRITTEN RECOMMENDATIONS.

c. INTERIOR DOOR FRAME JAMBS TYPICALLY LOCATED 8" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.

24. ROOF ASSEMBLIES:

a. CONTRACTOR TO PERFORM ALL WORK IN COMPLIANCE WITH ROOF ASSEMBLY MANUFACTURER'S WRITTEN WARRANTY.

b. GENERAL CONTRACTOR OR GENERAL CONTRACTOR'S SUB-CONTRACTORS SHALL NOT FASTEN OR PENETRATE ROOF DECK. NO SCREWS, RIVETS, NAILS OR SIMILAR ANCHORING DEVICES SHALL BE USED UNLESS NOTED OTHERWISE.

c. ALL PENETRATIONS THROUGH ROOF ASSEMBLIES, I.E. CONDUITS, DUCTS, PIPING, ETC. SHALL BE SLEEVED, FIRESTOPPED, AND SEALED AS REQUIRED TO PROVIDE THE ASSEMBLY RATING DESIGNATED AND SHALL BE WATERTIGHT.

d. CONTRACTOR SHALL PROVIDE ANY REQUIRED SUPPORTS: FIRE TREATED BLOCKING, TEMPORARY FLASHING, COUNTER-FLASHING OR OTHER WORK NECESSARY TO COMPLETE INSTALLATION OF EQUIPMENT ON OWNER'S ROOF. CANT STRIPS AND WEATHERPROOFING SHALL BE DONE ONLY BY CONTRACTOR APPROVED / CERTIFIED TO WORK ON ROOF ASSEMBLY BY ASSEMBLY MANUFACTURE.

25. MILLWORK, EQUIPMENT, FIXTURES, ETC.:

a. TOP SURFACE OF RESTROOM COUNTERTOPS TO BE 34" ABOVE FINISH FLOOR.

b. CONTRACTOR TO PROVIDE FIRE-TREATED WOOD OR NON-COMBUSTIBLE BLOCKING FOR ALL WALLMOUNTED AND CEILING MOUNTED ITEMS - TYPICAL THROUGHOUT.

c. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS FOR ALL EQUIPMENT INDICATED ON THE DRAWINGS WHETHER SUPPLIED BY THE OWNER OR THE CONTRACTOR.

d. CONTRACTOR TO PROVIDE FINAL CONNECTION OF ALL OWNER SUPPLIED EQUIPMENT AND SIGNAGE UNLESS NOTED OTHERWISE.

e. WHERE ITEM IS TO BE WALL HUNG AND IS NOT INSTALLED BY CONTRACTOR, MARK SURFACE OF PARTITION USING REMOVABLE PAINTER'S TAPE TO INDICATE LOCATIONS OF IN-WALL BLOCKING PROVIDED.

26. MECHANICAL ELECTRICAL AND PLUMBING:

a. VERIFY LOCATION AND SIZE OF ALL RECESSES, PLUMBING CHASES AND MECHANICAL SHAFTS PRIOR TO CONSTRUCTION.

27. SIGNAGE:

a. CONTRACTOR TO COORDINATE WITH SIGNAGE CONTRACTOR FOR BLOCKING, ELECTRICAL REQUIREMENTS AND PERMITS.

b. SIGN CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, FINISHES, COLORS, DIMENSIONS, ETC. AND SUBMIT SHOP DRAWINGS TO OWNER PRIOR TO FABRICATION OF SIGNS.

28. PROJECT CLOSE-OUT:

A. PRIOR TO OCCUPANCY AND CLOSE-OUT CONTRACTOR TO COMPILE ALL ASSEMBLY AND EQUIPMENT, WARRANTY USE, AND MAINTENANCE INFORMATION IN A 3 RING BINDER AND FLASHDRIVE ORGANIZED PER CSI MASTERFORMAT.

B. PRIOR TO THE OCCUPANCY, THE CONTRACTOR SHALL CLEAN ALL SURFACES OF DUST, DEBRIS, LOOSE CONSTRUCTION MATERIAL AND EQUIPMENT AND LEAVE ALL FLOORS MOP CLEAN. REMAINING CONSTRUCTION MATERIALS AND EQUIPMENT, IF ANY, SHALL BE REMOVED AND TEMPORARILY SECURED IN AN AREA DIRECTED BY THE OWNER.

C. EXTRA MATERIAL: THE CONTRACTOR SHALL PROVIDE, IN ADDITION TO MATERIALS FOR COMPLETING THE WORK, THE FOLLOWING ITEMS, FROM THE SAME COLOR LOTS OR FACTORY RUNS USED IN THE WORK, ALL PACKAGED, LABELED, DELIVERED AND STORED, AS DIRECTED BY THE OWNER.

1. PAINT:

• 1 GALLON OF EACH SURFACE PAINT COLOR USED.

• 1 QUART OF EACH TRIM COLOR USED.

2. 1 FIBER CEMENT PANEL.

3. 2 FIBER CEMENT BATTENS

4. 2 FIBER CEMENT TRIM BOARDS OF EACH COLOR.

ABBREVIATIONS

AL	ALUMINUM
HM	HOLLOW METAL
SF	STOREFRONT SYSTEM
KD	KNOCK DOWN FRAME
C	CLOSURE
K	KEYED ENTRY
PH	PANIC HARDWARE
PRV	PRIVACY LOCK
GDF	GALVANIZED DOOR/FRAME
PT-X	PAINTED
KP	KICKPLATE
WDHC	WOOD DOOR, HOLLOW CORE
DV	DOOR VIEWER
PP	PULL PLATE
EC	EXPOSED CLOSER
BLS	BRUSHED ALUM. LEVER LOCK SET
FRP	FIBERGLASS REINFORCED PLASTIC

DOOR AND FRAME SCHEDULE

DOOR INFORMATION								FRAME INFORMATION				
NO.	RM. NAME	WIDTH	HEIGHT	THICKNESS	TYPE	MAT'L	GLASS	FINISH	TYPE	MATERIAL	FINISH	REMARKS
101	RESTROOM	3'- 0"	7'- 0"	1 3/4"	1	HM	-	PT-1	F1	HM	PT-1	S1
102	RESTROOM	3'- 0"	7'- 0"	1 3/4"	1	HM	-	PT-1	F1	HM	PT-1	S1
103	MECH.	3'- 0"	7'- 0"	1 3/4"	1	HM	-	PT-1	F1	HM	PT-1	

DOOR TYPES

1/4" = 1'-0"

FRAME TYPES

1/4" = 1'-0"

HM DOOR AND FRAME AT EXT. MASONRY WALL OPNG.

HM DOOR AND FRAME AT EXTERIOR MASONRY WALL OPNG.

DETAILS

3" = 1'-0"

DOOR HARDWARE NOTES

1. ALL PROTECTION PLATES TO BE BEVELED ON (4) EDGES.

2. EXIT DOORS SHALL BE OPERATIONAL FROM INSIDE WITHOUT USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EFFORT.

3. ALL DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATION DEVICES SHALL BE CAPABLE OF OPERATING WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48 INCHES ABOVE FINISH FLOOR.

4. DOOR CLOSERS AT NON-FIRE RATED DOORS SHALL MEET A MAXIMUM OF 5-LBS. OPENING FORCE. THIS DOES NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR IN THE LATCHED POSITION.

5. THRESHOLDS: CHANGES IN LEVEL GREATER THAN 1/4" IN HEIGHT AND NOT MORE THAN 1/2" MAX. IN HEIGHT SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.

6. GENERAL CONTRACTOR TO COMPLETE INSTALLATION OF ALL LOCKING HARDWARE AND PERMANENT CORES PRIOR TO TURNOVER DATE.

7. ALL EXPOSED HARDWARE FINISHES TO BE (UON): SATIN NICKEL.

8. ALL DOORS SHALL CONFORM TO APPLICABLE SECTIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

9. CONTRACTOR SHALL SUBMIT DOOR & HARDWARE SCHEDULE FOR REVIEW BY THE ARCHITECT AND THE BUILDING MANAGEMENT PRIOR TO PROCEEDING WITH THE WORK. CONTRACTOR SHALL COORDINATE HARDWARE TYPES AND KEYING COMPATIBILITY WITH OWNER PRIOR TO SUBMISSION OF HARDWARE SCHEDULE.

10. CONTRACTOR SHALL REVIEW THE KEYING OF THE LOCKSETS DIRECTLY WITH THE BUILDING OWNER.

11. DOORS WITH CLOSERS SHALL INCLUDE INTERNAL BLOCKING, THROUGH FASTENERS WILL NOT BE ACCEPTABLE.

12. ALL DOORS SHALL RECEIVE COMPLETE HARDWARE PACKAGES INCLUDING SILENCERS, STOPS AND APPROPRIATE TRIM PIECES. STOPS SHALL BE LOCATED AT FLOOR WHERE PRACTICABLE SO AS TO AVOID ANY TRIPPING HAZARD, OR ON WALL WHERE NOT PRACTICABLE (PROVIDE BLOCKING IN WALL).

13. SEE PROJECT MANUAL FOR TECHNICAL SPECIFICATIONS.

DOOR SIGNAGE NOTES

1. SIGNS TO BE PROVIDED AND INSTALLED BY G.C.:

S1 "ADA UNISEX RESTROOM"

B.O.D. SANTA CRUZ STANDARD SIGN DESIGN BY INPRO

\* FIRE EXTINGUISHER SIGNS AT ALL LOCATIONS, FLAG TYPE  
SIGNAGE TO COMPLY WITH CABO/ANSI A117.1/ADAAG  
CENTER OF SIGNS, CHARACTERS OR SYMBOLS SHALL BE LOCATED 60" A.F.F. AT LATCH SIDE OF DOOR OR ADJACENT WALL. PROVIDE PICTOGRAMS AND CHARACTERS IN WHITE ON BLUE BACKGROUND, AS INDICATED. RAISE SYMBOLS AND CHARACTERS MINIMUM 1/32" ABOVE BACKGROUND. SEE SHEET G103 FOR ADDITIONAL INFORMATION.

WARRANTY INFORMATION

ALL SPECIFIED MATERIALS SHALL BE INSTALLED IN CONFORMANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AS REQUIRED TO OBTAIN MANUFACTURER'S STANDARD WARRANTY.

CONTRACTOR IS SOLELY RESPONSIBLE FOR COORDINATING MANUFACTURER AND/OR INSTALLER INSPECTIONS AS REQUIRED BY MANUFACTURER FOR OBTAINING WARRANTY.

SPECIAL WARRANTY INFORMATION WILL BE DENOTED WITHIN THE PRODUCT SPECIFICATIONS CONTAINED WITHIN THESE CONSTRUCTION DOCUMENTS. IF NO SPECIAL WARRANTY IS SPECIFIED, OWNER SHALL BE GIVEN FULL MANUFACTURER'S AND INSTALLER'S STANDARD WARRANTY.

BASIS OF DESIGN

BASIS-OF-DESIGN OR PERFORMANCE SPECIFICATION ITEMS ARE THE ESTABLISHED STANDARD MINIMUM PRODUCT FOR THIS PROJECT. ALL BASIS-OF-DESIGN ITEMS WILL BE FOLLOWED BY "BOD" AND ARE SUBJECT TO CONTRACTOR'S SELECTION. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND ALL INFORMATION REQUIRED FOR ARCHITECT TO DETERMINE SUITABILITY IF SUBSTITUTION ON ALL "BOD" PRODUCT BASIS-OF-DESIGN OR PERFORMANCE SPECIFICATION ITEMS ARE THE ESTABLISHED STANDARD MINIMUM PRODUCT FOR THIS PROJECT. ALL BASIS-OF-DESIGN ITEMS WILL BE FOLLOWED BY "BOD" AND ARE SUBJECT TO CONTRACTOR'S SELECTION. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND ALL INFORMATION REQUIRED FOR ARCHITECT TO DETERMINE SUITABILITY OF SUBSTITUTION ON ALL "BOD" PRODUCTS.

Daren C. Morley

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Wesselman Park  
Playground Restroom

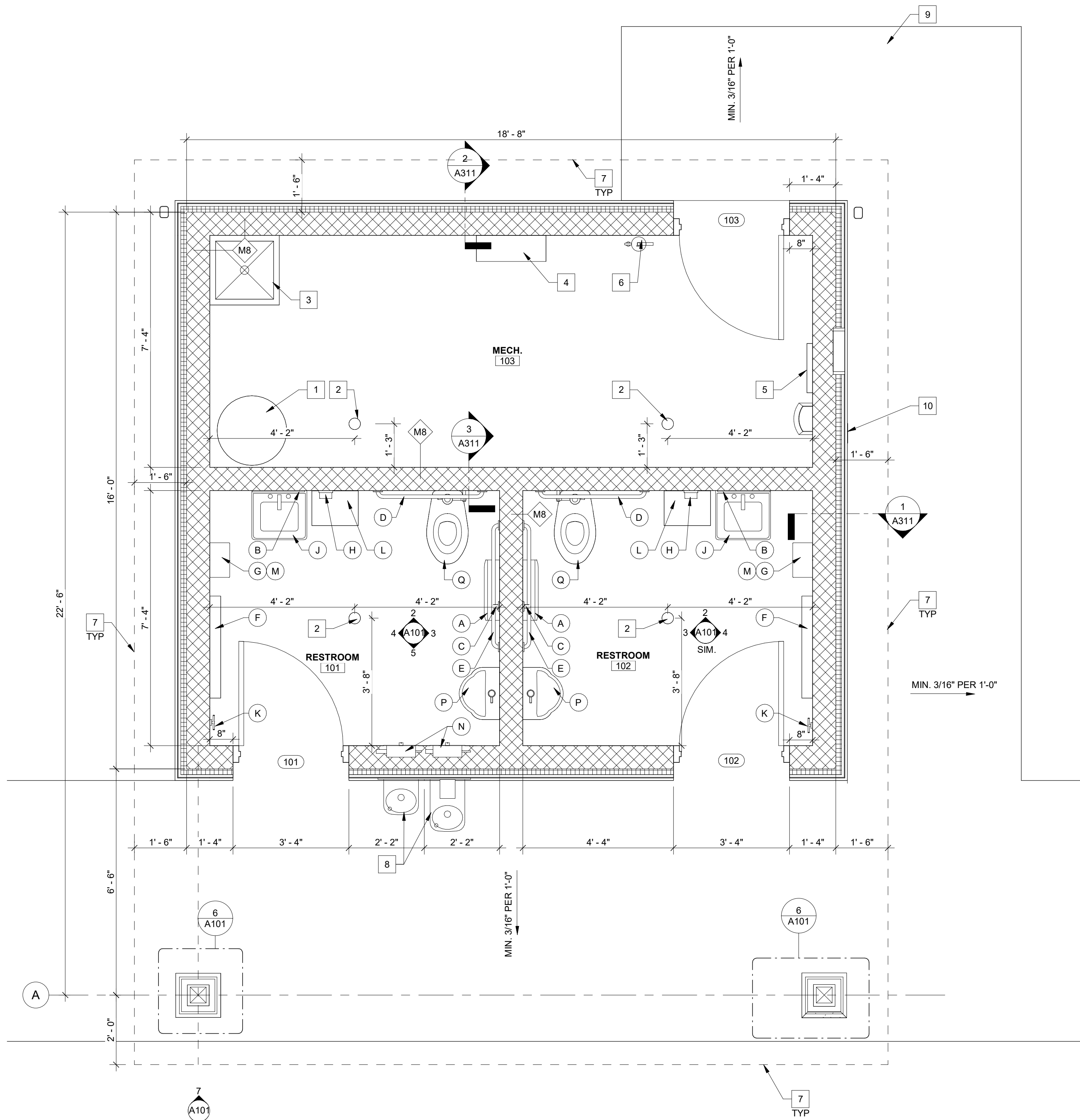
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Architectural  
General Notes, Door  
Types, Schedules, and  
Details

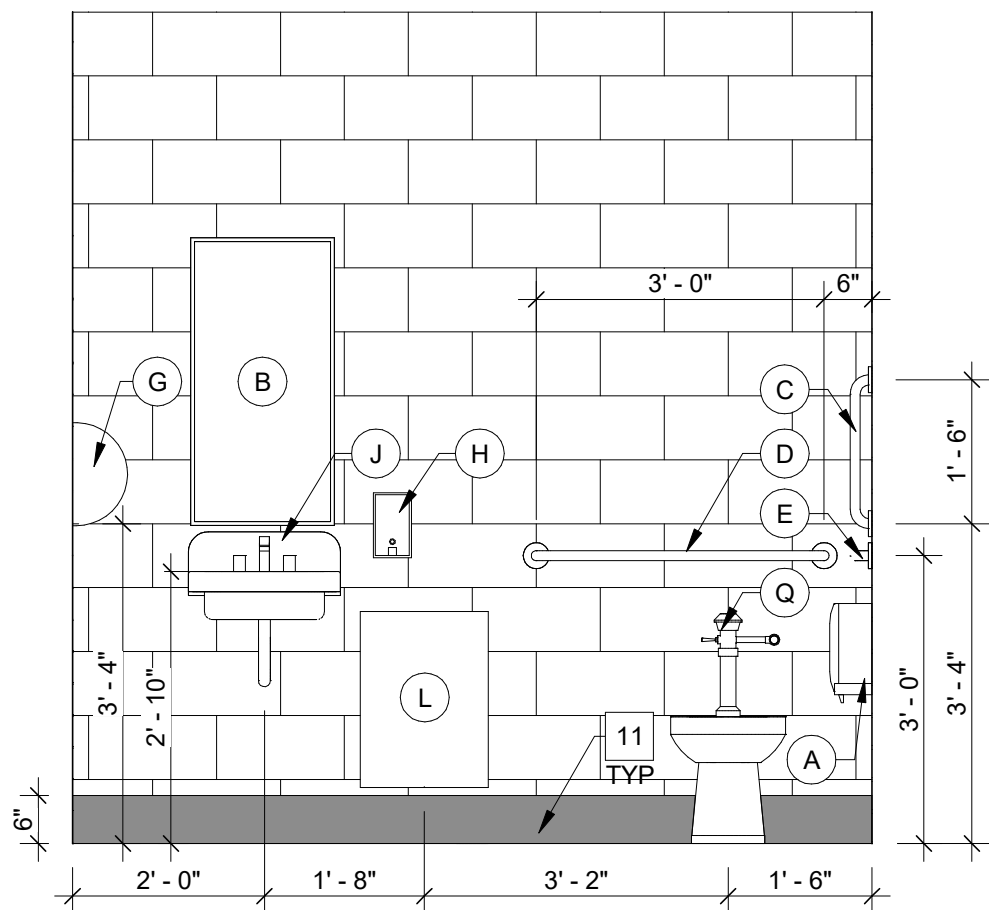
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Revisions				
Scale: As Noted				
Designed By	Job Number:			
BNB	04089.1.004			
Drawn By:	Date:			
BNB	07.23.2025			
Filename:				
04089.1.004 - Wesselman RR.rvt				
Sheet Number:				

A001

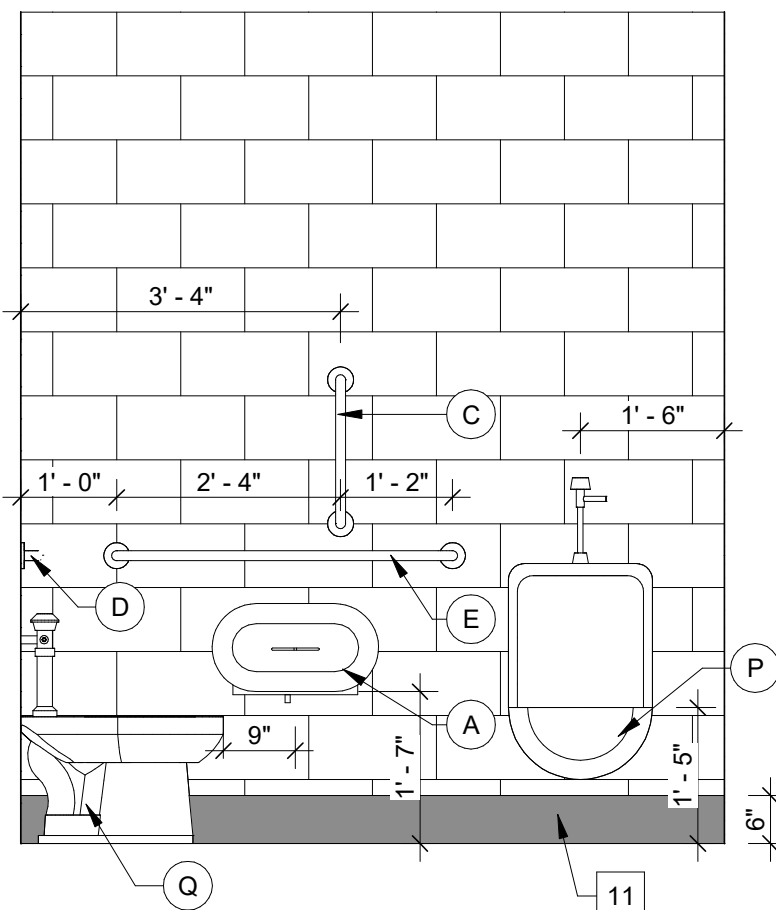




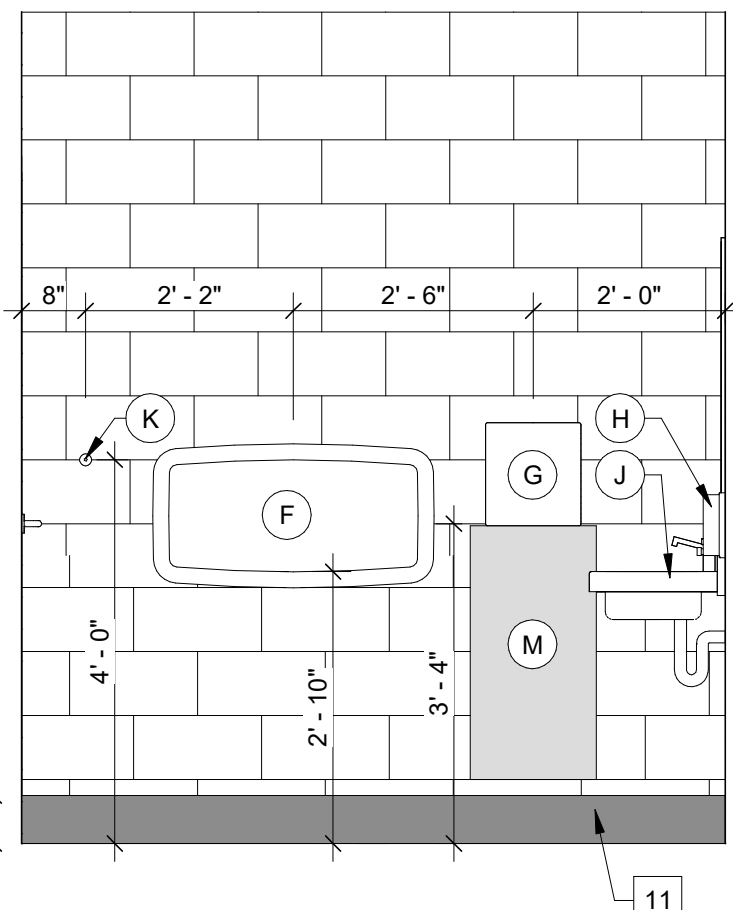
1 FLOOR PLAN  
1/2" = 1'-0"



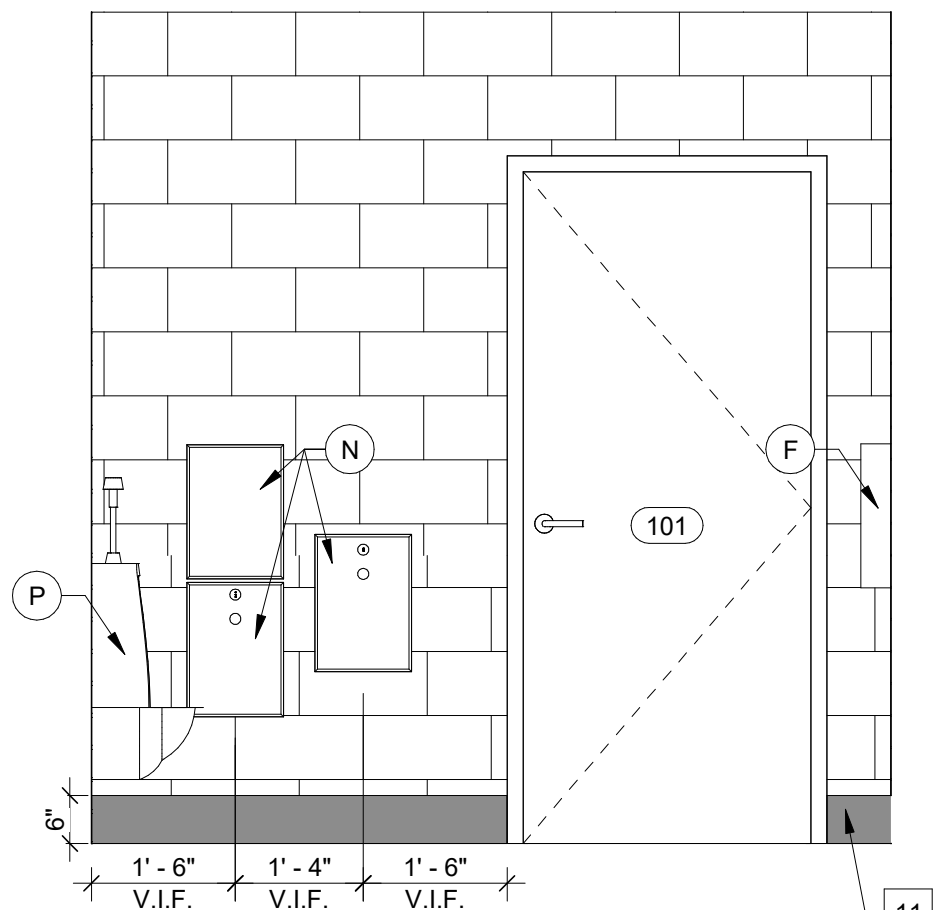
2 RESTROOM ELEVATION  
1/2" = 1'-0"



3 RESTROOM ELEVATION  
1/2" = 1'-0"



4 RESRTOOM ELEVATION  
1/2" = 1'-0"



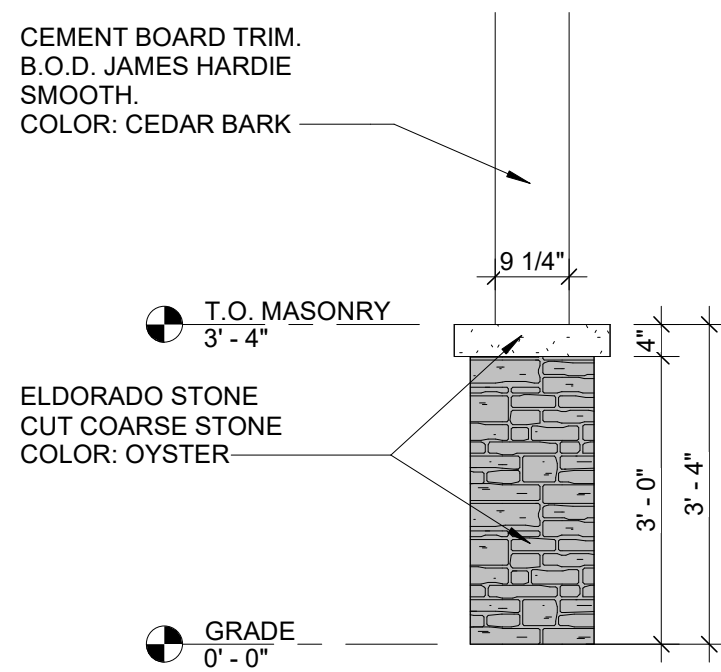
5 RESTROOM ELEVATION  
1/2" = 1'-0"

## TOILET ROOM REFERENCE NOTES

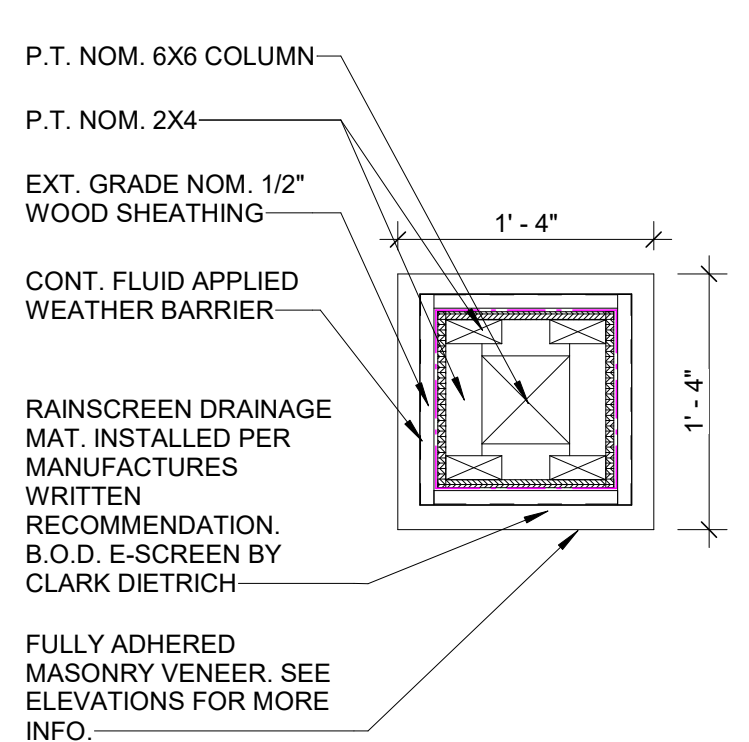
A	SURFACE MOUNTED TOILET PAPER DISPENSER. B.O.D. KRUGER NOIR MINI-MAX JBT DISPENSER. OWNER PROVIDED CONTRACTOR INSTALLED.
B	MIRROR WITH STAINLESS STEEL FRAME (18"W X 36"H) ADA MOUNTING HEIGHT IS TO REFLECTIVE SURFACE NOT FRAME, VANDAL RESISTANT. B.O.D. ASI - 0600-C2436
C	18" VERTICAL GRAB BAR. B.O.D. ASI - STRAIGHT GRAB BAR - 3701-18 - STAINLESS STEEL.
D	36" GRAB BAR. B.O.D. ASI - STRAIGHT GRAB BAR - 3701-36 - STAINLESS STEEL.
E	42" GRAB BAR. B.O.D. ASI - STRAIGHT GRAB BAR - 3701-42 - STAINLESS STEEL.
F	BABY CHANGING STATION. B.O.D. ASI - SURFACE MOUNTED BABY CHANGING STATION - 9013-9 - STAINLESS STEEL.
G	ELECTRIC HAND DRYER. B.O.D. EXCEL DRYER - XLERATOR HAND DRYER - XL-SB - STAINLESS STEEL.
H	SOAP DISPENSER. B.O.D. AFIA MANUAL FOAM SOAP DISPENSER. OWNER PROVIDED CONTRACTOR INSTALLED.
J	WALL HUNG SINK. SEE PLUMBING FOR ADDITIONAL INFORMATION.
K	COAT HOOK. B.O.D. ASI - SURFACE MOUNTED ROBE HOOK - 7340-B - STAINLESS STEEL.
L	TRASH RECEPTACLE. B.O.D. ASI - TRADITIONAL WASTE RECEPTACLE (17 GAL) SURFACE MOUNTED - 0825 - STAINLESS STEEL.
M	STAINLESS STEEL WALL PROTECTION METAL PANEL.
N	ACCESS PANELS FOR WATER BOTTLE FILLER AND DRINKING FOUNTAIN. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFO.
P	URINAL. REF PLUMB. DRAWINGS FOR ADDITIONAL INFORMATION.
Q	TOILET. REF PLUMB. DRAWINGS FOR ADDITIONAL INFORMATION.

## FIRST FLOOR PLAN REFERENCE NOTES

1	WATER HEATER. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFO.
2	SLOPE FLOOR TO DRAIN. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFO.
3	MOP SINK. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFO.
4	BACK FLOW PREVENTER. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFO.
5	ELECTRICAL PANEL. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
6	WALL MOUNTED FIRE EXTINGUISHER AND BRACKET.
7	ROOF OUTLINE ABOVE.
8	WATER BOTTLE FILLER AND DRINKING FOUNTAIN. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFO.
9	SIDEWALK. REFERENCE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
10	LOCKABLE WALL HYDRANT. SEE ELEVATIONS AND PLUMB. DRAWINGS FOR ADDITIONAL INFORMATION.
11	6" PAINTED WALL BASE. SEE FINISH PLAN FOR ADDITIONAL INFORMATION.



7 COLUMN ELEVATION  
1/2" = 1'-0"



6 COLUMN DETAIL  
1" = 1'-0"

## SYMBOL LEGEND

ROOM NAME	ROOM DESIGNATION	#	REFERENCE NOTE
101	ROOM NUMBER	#	REFERENCE NOTE
101	DOOR OPENING NUMBER	#	REFERENCE NOTE
1	SECTION TAG	W4	WALL TYPE DESIGNATION
A101	DETAIL NUMBER	1	WALL SECTION DRAWING LOCATION
1	ENLARGED PLAN DTL. DRAWING LOCATION	ELEV. +0'-0"	ELEVATION DATUM MARKER
1	DRAWING REVISION AREA OF REVISION	N	PROJECT NORTH ARROW
0	ADDENDUM/REVISION NUMBER	CL	CENTER LINE
0	COL. LINE DESIGNATION	A101	SHEET NO. CATEGORY DISCIPLINE LETTER
1	DRAWING TITLE		
1	View Name		
1/8" = 1'-0"	SCALE		
1	DRAWING NO.		

## FLOOR PLAN SHEET NOTES

- SEE SHEET A001 FOR PROJECT GENERAL NOTES.
- OWNER TO APPROVE ALL FINISHES PRIOR TO CONSTRUCTION.
- DO NOT SCALE DRAWINGS, CONSULT ARCHITECT REGARDING ANY CONFLICTS.
- ALL DIMENSIONS ARE FROM FACE OF BLOCK CONSTRUCTION, UNLESS OTHERWISE NOTED. ALL EXTERIOR DIMENSIONS ARE "NOMINAL" - CONSTRUCTION DIMENSIONS ARE TO BE ACTUAL.
- REFER TO CIVIL, ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION AND FOR COORDINATION PURPOSES.
- ALL CONTRACTORS ARE REQUIRED TO VISIT THE SITE AND REVIEW ALL CONSTRUCTION DOCUMENTS PRIOR TO BIDDING TO FULLY UNDERSTAND THE SCOPE AND SCALE OF THE WORK REQUIRED.
- FINISHED FLOOR ELEVATIONS ARE FROM THE FACE OF THE FINISHED FLOOR SUBSTRATE, I.E. CONCRETE DECK, CONCRETE SLAB, ETC. OR FACE OF EXISTING FINISH.
- ALL WALLS ARE TO EXTEND TO BOTTOM OF STRUCTURE ABOVE UNLESS OTHERWISE NOTED.
- INTERIOR DOOR FRAME JAMBS TYPICALLY LOCATED 8" FROM ADJACENT WALL, UNLESS OTHERWISE NOTED.
- ALL INTERIOR FINISHES TO BE CLASS "C" MINIMUM, UNLESS NOTED OTHERWISE.
- CONTRACTOR TO FOLLOW MANUFACTURER'S WRITTEN RECOMMENDATIONS REGARDING SURFACE PREPARATION, APPLICATION, AND PROTECTION FOR ALL FINISHES.
- CONTRACTOR TO REMOVE ALL HARDWARE, SWITCH COVERS, AND ETC. PRIOR TO PAINTING AND BE RESPONSIBLE FOR REINSTALLATION AFTER PAINTING IS COMPLETE.
- ALL FINISHES SHALL BE TOUCHED UP TO CORRECT ANY IMPERFECTIONS AFTER APPLICATION.
- ALL RETURN AIR GRILLES, SUPPLY DIFFUSERS, AND ACCESS PANELS TO BE PAINTED TO MATCH ADJACENT / SURROUNDING SURFACES.
- ALL VENEER AND TRIM FINISHES TO BE MITERED 45 DEGREES WHEN JOINING AT CORNERS.
- CONTRACTOR TO PROVIDE ONE FULL BOX / CONTAINER OF ALL FINISHES USED TO OWNER AT COMPLETION OF PROJECT FOR OWNERS USE AND STORAGE. CONTRACTOR TO MARK BOXES / CONTAINERS OF CONTENTS AND APPLICATION LOCATION.

## WALL TYPE SCHEDULE

Mx "x" - CMU (NOM.) SIZE	CONCRETE MASONRY UNIT
M4 - 4"	
M6 - 6"	
M8 - 8"	
M10 - 10"	
M12 - 12"	

HORIZONTAL TRUSS REINFORCING @ 16" O.C. VERTICALLY



ARCHITECT



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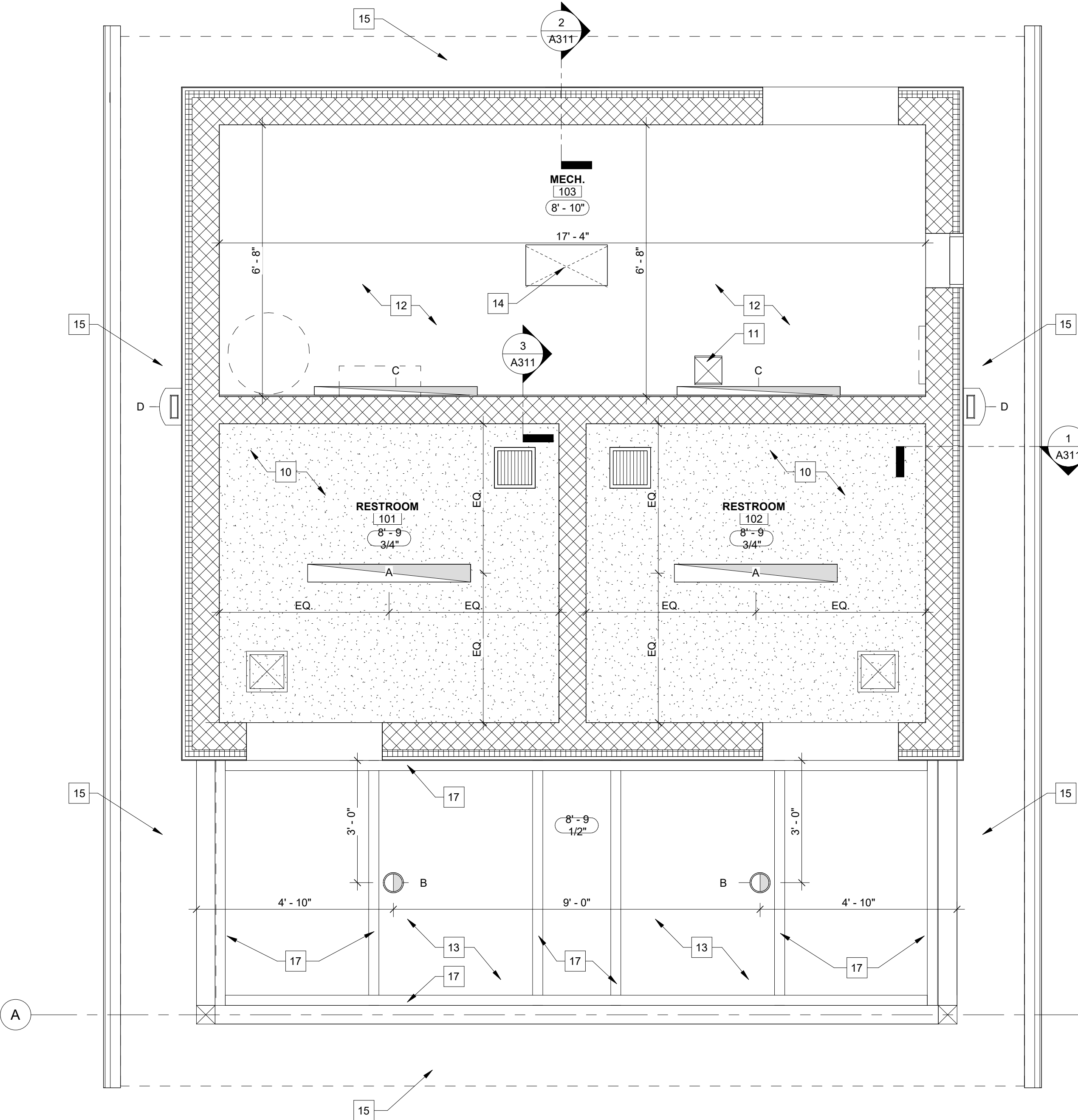
## Architectural

Floor Plan, Interior Elevations, Symbols, Notes, and Wall Types

No.	By	Date
Revisions		
Scale: As Noted		
Designed By:	BNB	Job Number: 04089.1.004
Drawn By:	BNB	Date: 07.23.2025
Filename:	04089.1.004 - Wesselman RR.rvt	
Sheet Number:		

A101





### SYMBOL LEGEND

SECTION TAG

1 A101

DETAIL NUMBER

SHEET NUMBER

ELEV. +0'-0"

ELEVATION DATUM MARKER

EMERGENCY CAN FIXTURE

4' EMERGENCY LIGHT FIXTURE

EXHAUST FAN

EMERGENCY LIGHTING

2X2 RETURN DIFFUSER

GYPSUM BOARD

DRAWING REVISION AREA OF REVISION

ADDENDUM/BULLETIN REVISION NUMBER

COL. LINE DESIGNATION

ROOM NAME

101

ROOM DESIGNATION

ROOM NUMBER

#

REFERENCE NOTE

ACCESS HATCH

2X2 SUPPLY DIFFUSER

PROJECT NORTH ARROW

CENTER LINE

A101

SHEET NO.

CATEGORY

CL

DISCIPLINE LETTER

DRAWING TITLE

View Name

1/8" = 1'-0"

SCALE

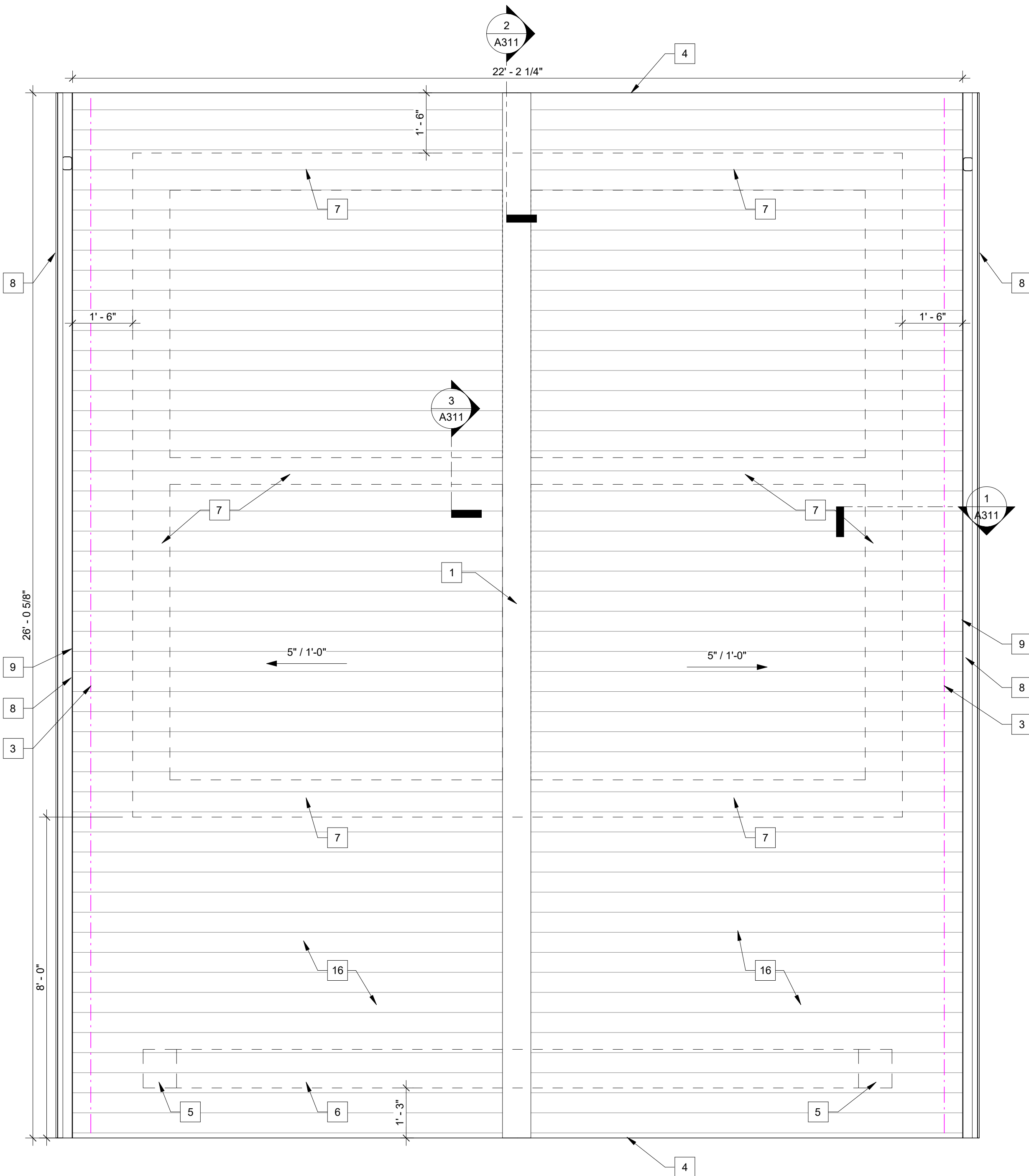
DRAWING NO.

### LIGHTING FIXTURE SCHEDULE

MARK	DESCRIPTION
A	4'-0" RECESSED LED STRIP WITH EMERGENCY BALLAST
B	6" RECESSED CAN LIGHT FIXTURE WITH EMERGENCY BALLAST
C	4'-0" WALL MOUNTED LED STRIP WITH EMERGENCY BALLAST
D	EXTERIOR WALL MOUNTED LED LIGHT

### ROOF AND REFLECTED CEILING PLAN REFERENCE NOTES

- UNVENTED RIDGE TRIM. COLOR TO MATCH ROOF.
- METAL ICE DAM. COLOR TO MATCH ROOF MATERIAL.
- RAKE TRIM. COLOR TO MATCH FASCIA.
- WOOD COLUMNS BELOW. SEE ELEVATIONS FOR ADDITIONAL INFO.
- WOOD TRUSS BELOW. SEE ELEVATIONS FOR ADDITIONAL INFO.
- BLOCK WALLS BELOW. SEE A101 AND A311 FOR ADDITIONAL INFORMATION.
- PREFINISHED METAL DRIP EDGE. COLOR TO MATCH FASCIA.
- PREFINISHED METAL FASCIA. COLOR TO BE BLACK.
- GYPSUM BOARD CEILING TO BE PAINTED PT-2. SEE A601 FOR FINISH INFORMATION.
- ACCESS HATCH FOR PLUMBING VALVE. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- PLYWOOD CEILING TO BE PAINTED PT-2. SEE A601 FOR FINISH INFORMATION.
- EXTERIOR CEILING TO BE B.O.D. JAMES HARDIE SOFFIT NON-VENTED CEDARMILL COLOR:COBBLE STONE.
- ATTIC ACCESS HATCH. NO LADDER REQUIRED.
- METAL SOFFIT. COLOR TO MATCH EXTERIOR CEILING. B.O.D. JAMES HARDIE SOFFIT NON-VENTED CEDARMILL COLOR:COBBLE STONE.
- METAL ROOFING. B.O.D. MCCI CRAFTSMAN SERIES - SMALL BATTEN. COLOR: COPPER METALLIC. SEE EXTERIOR ELEVATIONS FOR MORE INFO.
- TRIM BOARD. COLOR TO MATCH ADJACENT SOFFIT. B.O.D. JAMES HARDIE TRIM BOARDS.



### REFLECTED CEILING PLAN

1/2" = 1'-0"

### REFLECTED CEILING PLAN GENERAL NOTES

- SEE SHEET A001 FOR PROJECT GENERAL NOTES.
- FIRST FLOOR ELEVATION ESTABLISHED AT ELEVATION 00'-00".
- ALL DIMENSIONS ARE FROM FINISHED FACE OF GYPSUM BOARD OR CENTERLINE OF LIGHT FIXTURE UNLESS NOTED OTHERWISE.
- COORDINATE MECHANICAL, ELECTRICAL, AND PLUMBING INSTALLATIONS IN ORDER TO ACHIEVE AND MAINTAIN INDICATED CEILING AND SOFFIT HEIGHTS.
- CEILING SUPPORT SYSTEM SHALL NOT BE UTILIZED TO SUPPORT THE WEIGHT OF ADDITIONAL PLUMBING, MECHANICAL, OR ELECTRICAL EQUIPMENT. ALL EQUIPMENT SHALL BE INDEPENDENTLY SUPPORTED FROM BUILDING STRUCTURAL ELEMENTS AND NOT DECK.
- CONTRACTOR TO COORDINATE CEILING ACCESS POINTS WITH FINAL STRUCTURAL MEMBERS, MECHANICAL EQUIPMENT, AND CODE REQUIRED OPENING CLEARANCES IN FIELD. IF FINAL FIELD LOCATION DOES NOT MATCH PLANS, CONTRACTOR TO COORDINATE FINAL LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
- CEILINGS AND SOFFITS TO BE PLUMB, LEVEL, AND SQUARE TO ADJACENT PARTITIONS AND WALLS.
- PROVIDE CONTROL JOINTS IN GYPSUM BOARD AND PLASTER CEILING SYSTEMS WHERE ONE OR MORE OF THE FOLLOWING CONDITIONS OCCUR:
  - PARTITION, BULKHEAD OR CEILING ABUTS STRUCTURAL ELEMENTS.
  - CONSTRUCTION CHANGES WITHIN PLANE OR PARTITION, BULKHEAD, OR CEILING.
  - GYPSUM BOARD OR PLASTER EXCEEDS 30'-0" IN ANY DIRECTION.
  - OR AS NOTED OR INDICATED.
  - CONSULT WITH ARCHITECT FOR EXACT LOCATIONS OF JOINTS.
- LOCATE LIGHT FIXTURES AS INDICATED ON THIS PLAN; REFER TO ELECTRICAL DRAWINGS FOR CONTROLS, CIRCUITING, QUANTITIES, AND LIGHT FIXTURE SPECIFICATIONS.
- CONTRACTOR TO PROVIDE APPROPRIATE LIGHT FIXTURE FOR CEILING / GRID TYPE IN WHICH IT IS TO BE LOCATED. APPROPRIATE FIXTURE TO MATCH MANUFACTURER'S WRITTEN RECOMMENDATIONS AND SHALL INCLUDE ANY REQUIRED TRIM OR ACCESSORIES.
- COORDINATE ALL STRUCTURAL, PLUMBING, MECHANICAL, AND CEILING MOUNTED ELEMENT. LOCATIONS WITH LIGHTING LAYOUT AS SHOWN. IF LAYOUT CANNOT BE ACHIEVED DUE TO INTERFERENCE, CONTRACTOR TO COORDINATE CONFLICTS WITH ARCHITECT PRIOR TO START OF WORK.

- ALL PLUMBING PIPING, CONTROL WIRING, AND ELECTRICAL CONDUIT AND WIRING TO BE STRAIGHT, NEAT, AND HELD TIGHT TO DECK OR STRUCTURE.
- CONTRACTOR RESPONSIBLE FOR INSTALLING AND INSURING ALL LIFE SAFETY DEVICES THROUGHOUT THE SPACE MEET ALL APPLICABLE CODES AND ARE IN PROPER WORKING ORDER AT COMPLETION OF PROJECT. CONTRACTOR TO REPLACE ALL BATTERIES IN FIRE ALARM DEVICES, EMERGENCY, AND EXIT LIGHT FIXTURES.
- MULTIPLE SWITCHES IN A SINGLE LOCATION OR MARKED ADJACENT ARE TO BE GANGED IN A SINGLE BOX AND SINGLE COVER PLATE UNLESS NOTED OTHERWISE. WALL MOUNTED CONTROLS AND COVER PLATE FINISH TO MATCH ADJACENT WALL FINISH UNLESS NOTED OTHERWISE. ALL CONTROLS TO BE MOUNTED AT 38" A.F.F. AND MINIMUM 4" FROM DOOR FRAMES, OPENINGS, CORNERS, OR ETC. UNLESS NOTED OTHERWISE.
- MECHANICAL DUCTWORK INDICATED FOR REFERENCE ONLY. REFER TO MECHANICAL DRAWINGS FOR DUCTWORK LAYOUT AND EXHAUST SYSTEM LOCATIONS AND SIZING.

### ROOF PLAN

1/2" = 1'-0"

### ROOF PLAN GENERAL NOTES

- SEE SHEET A001 FOR PROJECT GENERAL NOTES.
- FOLLOW MANUFACTURER'S WRITTEN RECOMMENDATION FOR INSTALLATION INSTRUCTIONS, AND UTILIZE MANUFACTURER'S APPROVED PRODUCT SPECIFIC ACCESSORIES, FASTENERS, AND COMPONENTS, UNLESS NOTED OTHERWISE.
- COORDINATE ROOF CONSTRUCTION WITH TRUSS FABRICATOR WHERE REQUIRED.
- PROVIDE / INSTALL FLASHING AT ALL ROOF PENETRATIONS INCLUDING BUT NOT LIMITED TO MECHANICAL EQUIPMENT, SUPPORTS, AND VENTS; STRUCTURAL ELEMENTS; AND AS INDICATED ON ALL STRUCTURAL, ARCHITECTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL PLANS. CONSTRUCT ALL MISCELLANEOUS PENETRATIONS AND INSTALL FLASHING IN FULL ACCORDANCE WITH ROOF AND FLASHING MANUFACTURER'S WRITTEN RECOMMENDATIONS.
- INSTALL ALL FLASHING, TRANSITIONS, AND TERMINATIONS OF ROOF ASSEMBLY IN ACCORDANCE WITH ROOF ASSEMBLY MANUFACTURER'S WRITTEN RECOMMENDATIONS AND TO COMPLY WITH SPECIFIED ROOF WARRANTY REQUIREMENT.
- PROVIDE SLIP-JOINT IN METAL ROOF AND COPING AS REQUIRED TO ALLOW FOR THERMAL EXPANSION, AND A WATERTIGHT ASSEMBLY. JOINTS TO BE LOCATED PER MANUFACTURER'S WRITTEN RECOMMENDATIONS BUT NOT EXCEED 50'-0" BETWEEN THERMAL EXPANSION SLIP-JOINTS.
- PROVIDE CONTINUOUS DRIP EDGE ALONG ENTIRE PERIMETER OF ROOF. DRIP EDGE TO MATCH ADJACENT ROOF AND SOFFIT SURFACE COLOR.
- PAIN ALL ROOF PENETRATIONS AND EXPOSED METAL SURFACES TO MATCH ADJACENT ROOF SURFACE.
- PAIN ALL EXPOSED GAS PIPING SAFETY YELLOW TO MEET OSHA REQUIREMENTS.
- CONTRACTOR TO PROVIDE ALL BLOCKING REQUIRED TO COMPLETE CONSTRUCTION.

DARREN C. MORLEY  
REGISTERED  
No.11200132  
STATE OF INDIANA  
ARCHITECT

*Darren C. Morley*

**MORLEY**  
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EVANSVILLE  
PARKS & RECREATION

Wesselman Park  
Playground Restroom

602 N. Boeke Rd.  
Evansville, IN 47711

**Architectural**  
Reflected Ceiling Plan,  
Lighting Schedule,  
Roof Plan, and Notes

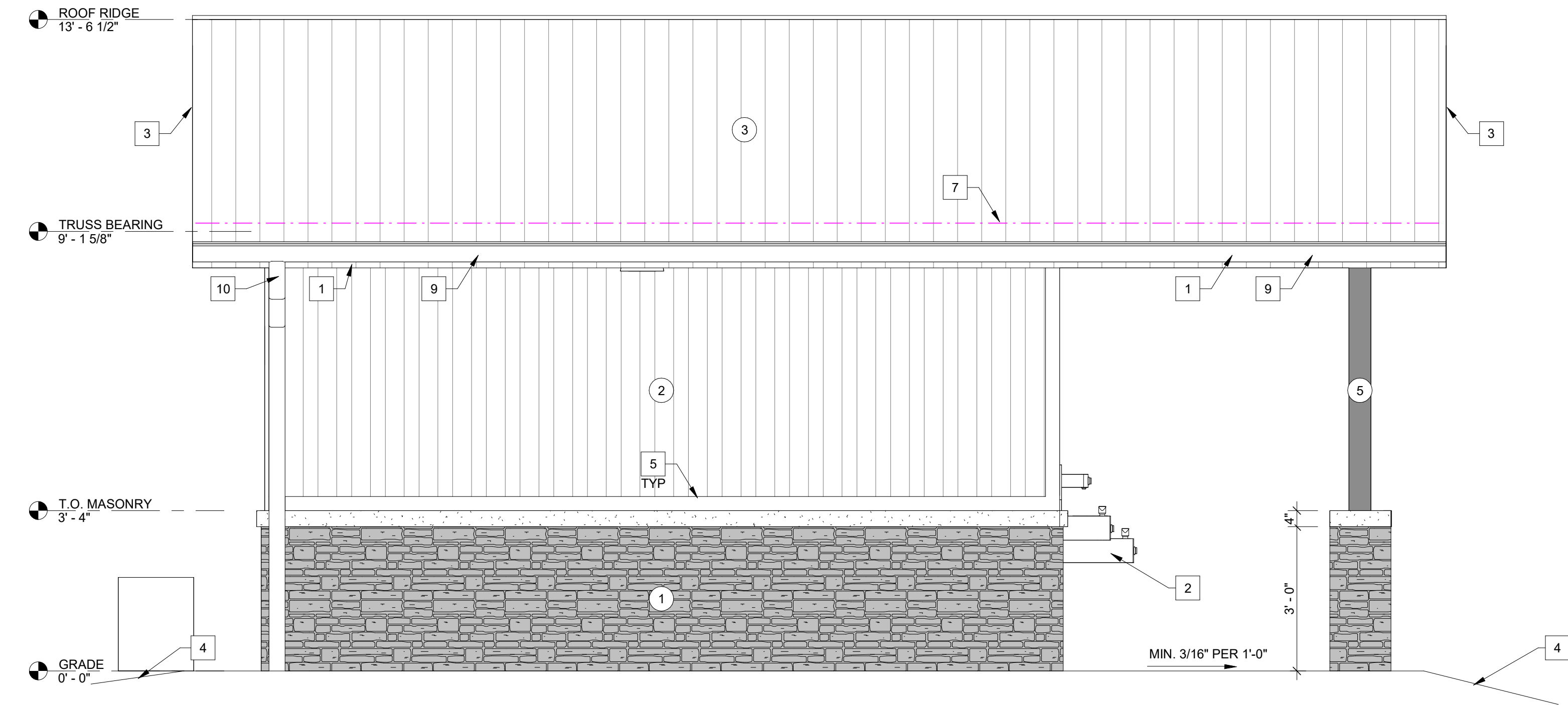
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Drawn By: BNB	Date: 07.23.2025	
Filename: 04089.1.004 - Wesselman RR.rvt		
Sheet Number:		

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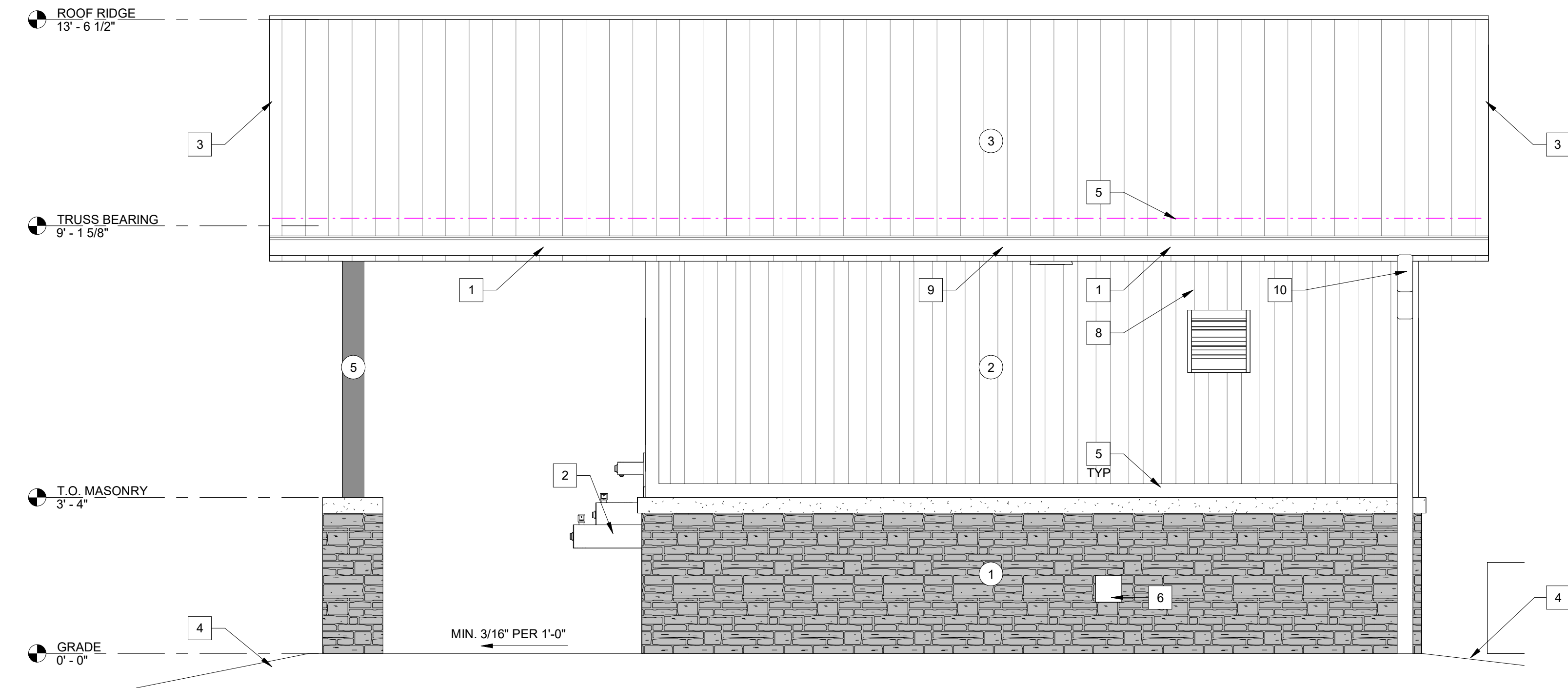








1 WEST ELEVATION  
1/2" = 1'-0"



2 EAST ELEVATION  
1/2" = 1'-0"

SYMBOL LEGEND

ROOM NAME 101	ROOM DESIGNATION ROOM NUMBER	#	REFERENCE NOTE
101	DOOR OPENING NUMBER	#	REFERENCE NOTE
	SECTION TAG	W4	WALL TYPE DESIGNATION
	DETAIL NUMBER SHEET NUMBER		WALL SECTION DRAWING LOCATION
	ENLARGED PLAN DTL. DRAWING LOCATION	ELEV. +0'-0"	ELEVATION DATUM MARKER
	DRAWING REVISION AREA OF REVISION	N	PROJECT NORTH ARROW
	ADDENDUM/REVISION NUMBER	CL	CENTER LINE
0	COL. LINE DESIGNATION		
	DRAWING TITLE		
1	View Name		
	SCALE DRAWING NO.		
		A101	SHEET NO. CATEGORY DISCIPLINE LETTER

ELEVATION GENERAL NOTES

- SEE SHEET A001 FOR PROJECT GENERAL NOTES.
- CONTRACTOR TO COORDINATE AND PROVIDE FIRE TREATED BLOCKING OR OTHER APPROPRIATE SUBSTRATE FOR INSTALLATION OF EXTERIOR SIGNAGE BY OTHERS.

EXTERIOR ELEVATION  
REFERENCE NOTES

1	METAL FASCIA WITH CONTINUOUS DRIP EDGE AND ROCK STOP TO BE BLACK.
2	OUTDOOR DRINKING FOUNTAIN AND BOTTLE FILLER.
3	RAKE TRIM. COLOR TO MATCH FASCIA.
4	GRADE CONDITIONS VARY. REFERENCE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
5	TRIM BOARD. COLOR TO MATCH BOARD AND BATTEN SIDING.
6	HOSEBIB. SEE AND PLUMB. DRAWINGS FOR ADDITIONAL INFORMATION.
7	METAL ICE DAM. COLOR TO MATCH ROOF MATERIAL.
8	LOUVER. SEE MECH. DRAWINGS FOR MORE INFO.
9	PREFINISHED METAL GUTTER TO MATCH FASCIA.
10	PREFINISHED METAL DOWNSPOUT TO MATCH FASCIA.

EXTERIOR MATERIAL  
SPECIFICATION LEGEND

1		ELDORADO STONE CUT COARSE STONE COLOR: OYSTER
2		EXTERIOR SIDING JAMES HARDIE - BOARD AND BATTEN COLOR: MOUNTAIN SAGE
3		METAL ROOF MCBI PROFILE: CRAFTSMAN SERIES - SMALL BATTEN COLOR: COPPER METALLIC
4		TRUSS BACKING JAMES HARDIE SMOOTH BOARD COLOR: MOUNTAIN SAGE
5		WOOD TRUSS AND COLUMNS JAMES HARDIE SMOOTH TRIM COLOR: AUBURN BROWN



*Darren C. Morley*



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Wesselman Park  
Playground Restroom

602 N. Boeke Rd.  
Evansville, IN 47711

Architectural  
Exterior Elevations and  
Notes


No. By Date

Revisions

Scale: As Noted

Designed By: BNB Job Number: 04089.1.004

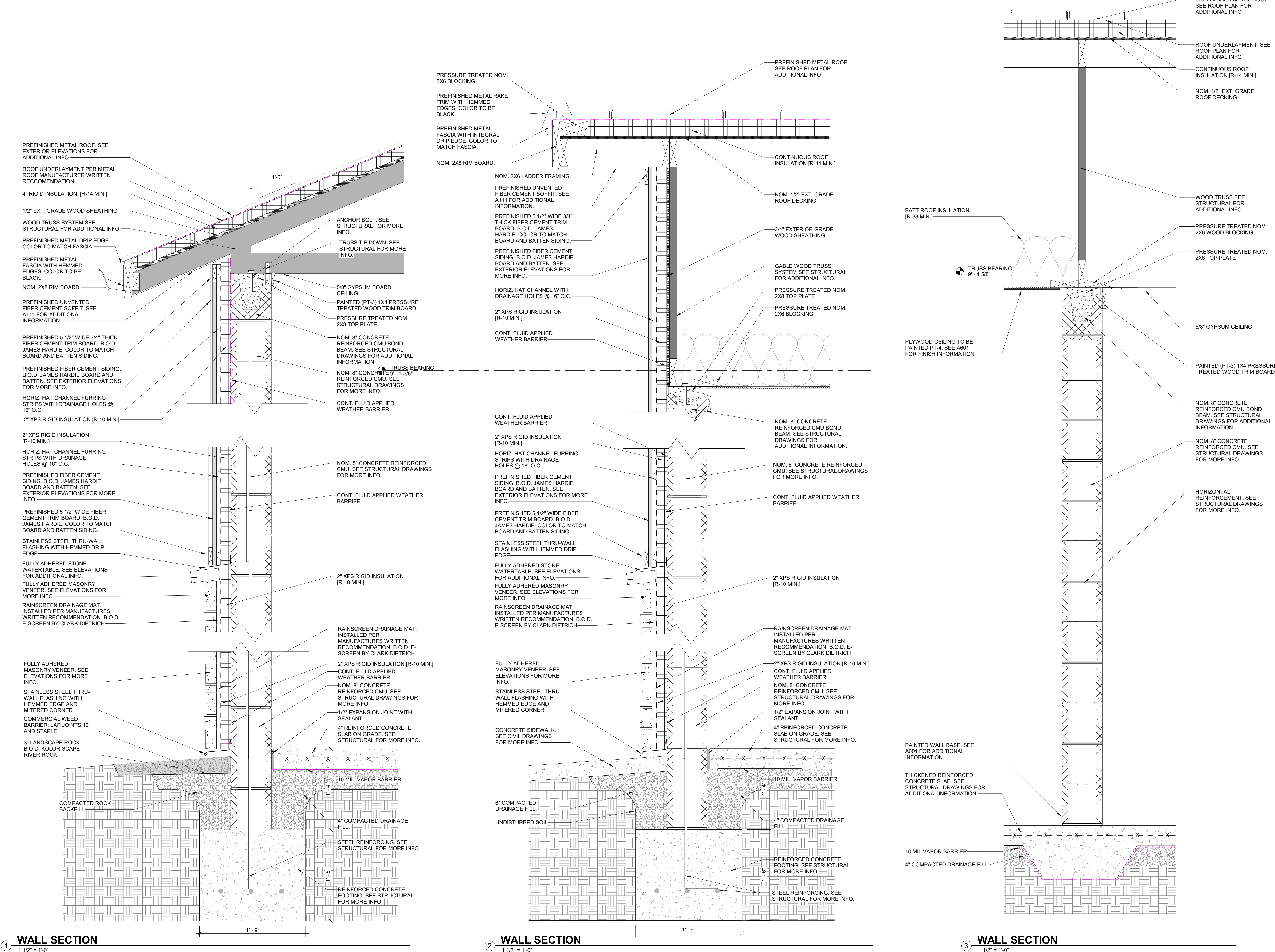
Drawn By: BNB Date: 07.23.2025

Filename: 04089.1.004 - Wesselman RR.rvt

Sheet Number:

A202





DARREN C. MORLEY

REGISTERED

No.11200132

STATE OF INDIANA

ARCHITECT



MORLEY

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Wesselman Park  
Playground Restroom

602 N. Boeke Rd.  
Evansville, IN 47711

Architectural  
Wall Sections, Details,  
and Notes

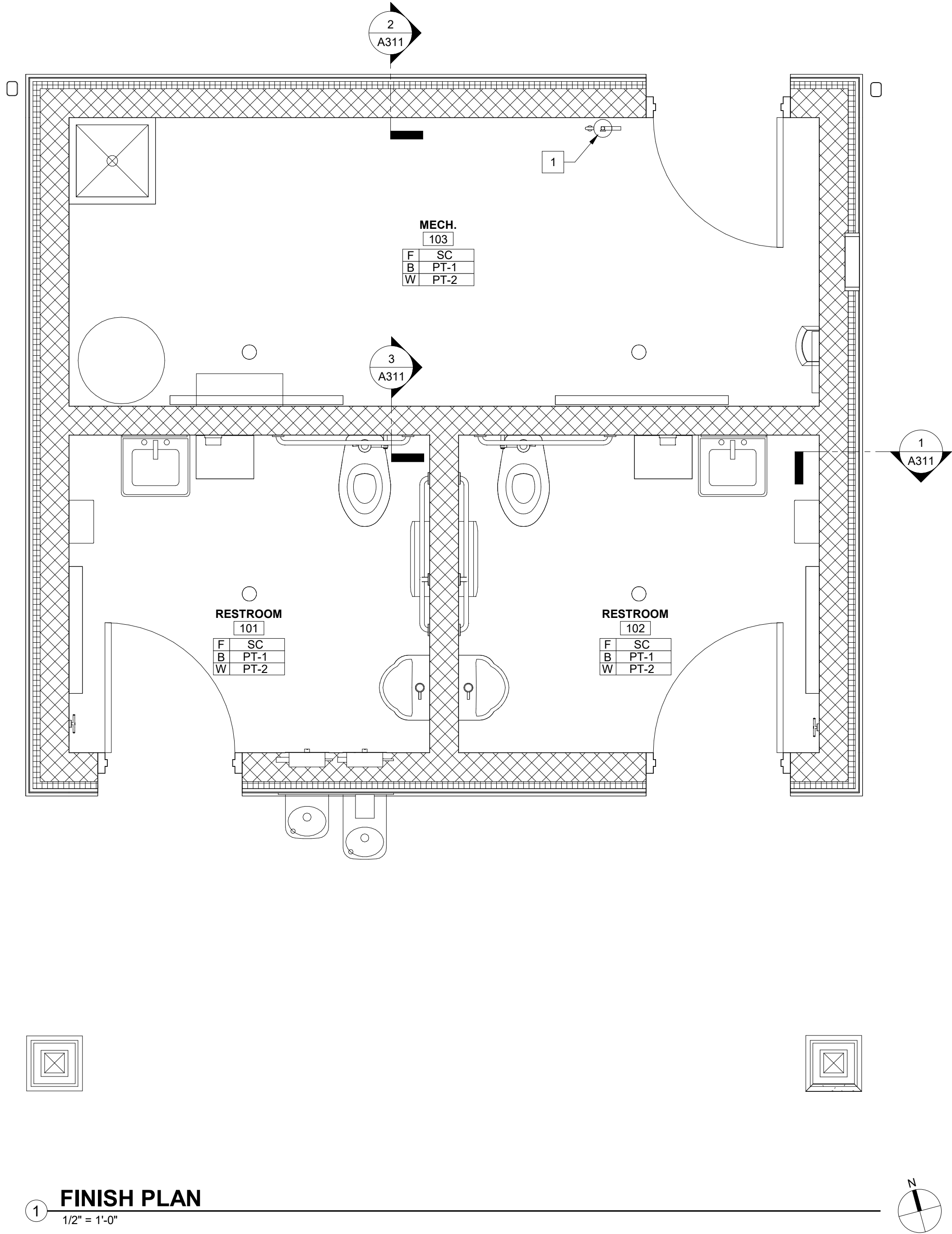
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Scale: As Noted		
Designed By:	BNB	Job Number: 04089.1.004
Drawn By:	BNB	Date: 07.23.2025
Filename: 04089.1.004 - Wesselman RR.rvt		
Sheet Number:		

A311



FINISHES SCHEDULE

NUMBER	ROOM	FLOOR	BASE	WALLS	CEILING	REMARKS
101	RESTROOM	SC	PT-1	PT-2	PT-2	6" PAINTED WALL BASE TO BE PT-1
102	RESTROOM	SC	PT-1	PT-2	PT-2	6" PAINTED WALL BASE TO BE PT-1
103	MECH.	SC	PT-1	PT-2	PT-2	6" PAINTED WALL BASE TO BE PT-1



ROOM FINISH GENERAL NOTES

- SEE SHEET A001 FOR PROJECT GENERAL NOTES.
- CONTRACTOR SHALL COORDINATE ALL FINISH SELECTIONS WITH TENANT.
- ALL INTERIOR FINISHES SHALL BE CLASS "C" MINIMUM, UNLESS NOTED OTHERWISE.
- SUBMITTALS:
  - LEAD TIME SCHEDULE: CONTRACTOR SHALL PROVIDE NOTICE OF ALL LONG LEAD TIME ITEMS AND REQUIRED APPROVAL DATE TO ELIMINATE POSSIBLE PROJECT DELAYS.
  - FINISH SAMPLES: CONTRACTOR SHALL SUBMIT (3) 6" X 6" SAMPLES OF ALL FINISHES WITHIN 10 BUSINESS DAYS OF ISSUANCE OF CONTRACT FOR CONSTRUCTION, ALLOWING ADEQUATE TIME FOR REVIEW AND APPROVAL PRIOR TO REQUIRED ORDER PLACEMENT DATES.
  - CUT SHEETS: CONTRACTOR SHALL SUBMIT (1) ELECTRONIC COPY IN PDF FORMAT OF MANUFACTURER'S CUT AND SPECIFICATION SHEETS FOR ALL EQUIPMENT, LIGHTING FIXTURES, SPECIAL MATERIALS, SPECIALTIES, DOORS, FRAMES, HARDWARE WITHIN 10 BUSINESS DAYS OF ISSUANCE OF CONTRACT FOR CONSTRUCTION, ALLOWING ADEQUATE TIME FOR REVIEW AND APPROVAL PRIOR TO REQUIRED ORDER PLACEMENT DATES. SUBMITTALS TO BE GROUPED INTO FILES AND NAMED WITH THE FOLLOWING CRITERIA:
    - ARCHITECTS PROJECT NUMBER – DESCRIPTION, I.E. – "9999 - LIGHTING FIXTURES.PDF"
    - SHOP DRAWINGS: CONTRACTOR SHALL SUBMIT (1) ELECTRONIC COPY IN PDF FORMAT OF MANUFACTURER'S SHOP DRAWINGS AND (3) HARDCOPIES OF FINISH SAMPLES ALLOWING ADEQUATE TIME FOR REVIEW AND APPROVAL PRIOR TO REQUIRED ORDER PLACEMENT DATES. SUBMITTALS TO BE GROUPED INTO FILES AND NAMED WITH THE FOLLOWING CRITERIA:
  - ARCHITECTS PROJECT NUMBER – DESCRIPTION, I.E. – "9999 – CASEWORK SHOP DRAWINGS.PDF"
- SPECIFICATIONS OF MATERIALS AND EQUIPMENT BY THE USE OF THE NAME, MODEL NUMBER, AND / OR GENERAL DESCRIPTION SHALL BE USED AS A GUIDE ONLY AND SHALL NOT EXCLUDE ALL OF THE REQUIRED ACCESSORIES, FITTINGS, TRIM AND / OR HARDWARE THAT MAY BE REQUIRED FOR A COMPLETE AND PROPER INSTALLATION.
- MATERIALS ARE SPECIFIED BY NAME, MODEL NUMBER AND DESCRIPTION WHERE APPLICABLE IN ORDER TO AVOID INACCURACIES. CONTRACTOR SHALL REVIEW ALL SPECIFICATIONS AND NOTIFY ARCHITECT IF ANY DISCREPANCIES IN SPECIFICATIONS PRIOR TO PLACING ORDER.
- CONTRACTOR TO FOLLOW MANUFACTURER'S WRITTEN RECOMMENDATIONS REGARDING SURFACE PREPARATION, APPLICATION, AND PROTECTION FOR ALL FINISHES. ALL FINISHES TO BE INSTALLED SMOOTH, NO DE-LAMINATION, BUBBLES, AIR POCKETS, INKS, OR WAVES WILL BE ACCEPTED.
- PROVIDE A SMOOTH LEVEL TRANSITION BETWEEN ALL FLOOR FINISHES. PROVIDE LEVELER AT FLOORING TRANSITIONS WHERE MATERIAL THICKNESS IS GREATER THAN 1/8" (MINIMUM 36").
- FLOOR MATERIAL TRANSITIONS SHALL OCCUR AT THE CENTERLINE OF DOOR, UNLESS NOTED OTHERWISE. SEE FLOORING TRANSITION DETAILS AND MANUFACTURER'S WRITTEN RECOMMENDATIONS FOR ADDITIONAL INFORMATION.
- CONTRACTOR TO PREPARE SUBSTRATE TO BE SMOOTH AND LEVEL PRIOR TO INSTALLING NEW FLOOR FINISHES.
- PROVIDE LEVEL 4 FINISH ON ALL NEW GYPSUM BOARD SURFACES.
- ALL GYPSUM BOARD SURFACES TO BE PAINTED TO RECEIVE (1) COAT OF PRIMER PAINT MINIMUM, PLUS (2) COATS OF FINISH COLOR MINIMUM OR AS INDICATED MY PAINT MANUFACTURER'S WRITTEN RECOMMENDATIONS.
- CONTRACTOR TO REMOVE ALL HARDWARE, SWITCH COVERS, AND ETC. PRIOR TO PAINTING AND BE RESPONSIBLE FOR REINSTALLATION AFTER PAINTING IS COMPLETE.
- PATCH / REPAIR AND REFINISH ANY EXISTING CONSTRUCTION TO REMAIN TO MATCH NEW CONSTRUCTION.
- ALL FINISHES SHALL BE TOUCHED UP TO CORRECT ANY IMPERFECTIONS AFTER APPLICATION.
- PROVIDE / INSTALL ALL EDGE, CORNER, AND JOINT ACCESSORIES AS SPECIFIED OR RECOMMENDED BY WALL COVERING MANUFACTURER
- ALL WALL COVERINGS, VENEER, AND TRIM FINISHES SHALL BE MITERED 45 DEGREES WHEN JOINING AT CORNERS.
- CONTRACTOR TO PROVIDE ONE FULL BOX / CONTAINER OF ALL FINISHES INCLUDING BUT NOT LIMITED TO CARPET, VCT, LVT, STAIN, PAINT, WALL COVERING, TILE, BASE, AND CEILING TILES USED TO OWNER AT COMPLETION OF PROJECT FOR OWNERS USE AND STORAGE. CONTRACTOR TO MARK BOXES / CONTAINERS OF CONTENTS AND APPLICATION LOCATION.

SYMBOL LEGEND

ROOM NAME	ROOM DESIGNATION	#	REFERENCE NOTE
101	ROOM NUMBER	#	REFERENCE NOTE
101	DOOR OPENING NUMBER	#	REFERENCE NOTE
	SECTION TAG		WALL TYPE DESIGNATION
	DETAIL NUMBER		WALL SECTION DRAWING LOCATION
	ENLARGED PLAN DTL		ELEVATION DATUM MARKER
	DRAWING LOCATION		PROJECT NORTH ARROW
	DRAWING REVISION AREA OF REVISION		CENTER LINE
	ADDENDUM/REVISION NUMBER		VIEW NAME
	COL. LINE DESIGNATION		SCALE
	DRAWING TITLE		DRAWING NO.
	View Name		SHEET NO.
	1/8" = 1'-0"		CATEGORY
	A101		DISCIPLINE LETTER

PAINT SPECIFICATIONS

- PAINT SPECIFICATIONS ARE BASIS OF DESIGN - ARCHITECT APPROVED EQUAL FROM THE FOLLOWING MANUFACTURES WILL BE ACCEPTED: BENJAMIN MOORE; PPG PAINT. CONSULT ARCHITECT REGARDING SUBSTITUTIONS 48 HOURS (MINIMUM PRIOR TO BIDDING).
- CONTRACTOR TO FOLLOW MANUFACTURES WRITTEN RECOMMENDATIONS REGARDING SURFACE PREPARATION, APPLICATION, AND PROTECTION.

FINISH MATERIAL DESCRIPTIONS

SYMBOL	DESCRIPTION
PT-1	PAINT - SW7069 - IRON ORE - FLAT FINISH
PT-2	PAINT - SW7005 - PURE WHITE - FLAT FINISH
SC	SEALED CONCRETE

#

FINISH PLAN REFERENCE NOTES

- WALL MOUNTED FIRE EXTINGUISHER AND BRACKET.

ARCHITECTS | ENGINEERS | SURVEYORS

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Playground Restroom

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Evansville, IN 47711

**Architectural**  
Finish Plan, Schedule,  
and Notes

No.	By	Date
Revisions		
Scale: As Noted		
Designed By: BNB	Job Number: 04089.1.004	
Drawn By: BNB	Date: 07.23.2025	
Filename: 04089.1.004 - Wesselman RR.rvt		
Sheet Number:		

**A601**







- IT IS THE INTENT OF THESE SPECIFICATIONS TO COVER FIRST CLASS WORKMANSHIP THROUGHOUT. PERSONNEL SHALL BE THOROUGHLY TRAINED AND EXPERIENCED IN THE PRODUCTS INVOLVED AND RECOMMENDED METHODS FOR THEIR FABRICATION AND INSTALLATION. NO ALLOWANCE SHALL BE MADE FOR LACK OF SKILL ON THE PART OF THE WORKMEN IN THE ACCEPTANCE AND / OR REJECTION OF COMPLETED WORK.
- 2 MATERIALS AND EQUIPMENT SHALL BE NEW AND INSTALLED AS INDICATED ON THE DRAWINGS AND / OR SPECIFICATIONS. THEY SHALL BE INSTALLED PLUMB AND TRUE-TO-LINE WITH ADJACENT WORK. WHERE INSTALLATION METHODS ARE NOT SPECIFICALLY COVERED BY THE DRAWINGS AND / OR SPECIFICATIONS, FIRST CLASS TRADE PRACTICES AND MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS SHALL GOVERN.
- 3 CAREFULLY EXAMINE ALL ARCHITECTURAL, STRUCTURAL, PLUMBING, HVAC AND ELECTRICAL DRAWINGS PERTAINING TO THE CONSTRUCTION. COOPERATE WITH OTHER TRADES IN LOCATING PIPING, EQUIPMENT, ETC. IN ORDER TO AVOID CONFLICT WITH OTHER TRADES WORK. NO CLAIM FOR COSTS WILL BE ALLOWED FOR RELOCATING EQUIPMENT, PIPING, ETC. THAT INTERFERES WITH OTHER TRADES WORK.
- 4 IN ADDITION TO ANY STANDARD GUARANTEE PROVIDED BY THE MANUFACTURER, THE CONTRACTOR SHALL FURNISH TO THE OWNER A WRITTEN GUARANTEE AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP OF ALL APPARATUS AND MATERIALS FURNISHED AND FOR ENTIRE WORKMANSHIP OF INSTALLATION FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE OF WORK. DURING GUARANTEE PERIOD AND WITHOUT EXPENSE TO THE OWNER, REPAIR ALL DEFECTS IN WORKMANSHIP OR MATERIAL PROVIDED.
- 5 DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF PIPING, EQUIPMENT, ETC. DO NOT SCALE THE DRAWINGS. THE EXACT LOCATION AND / OR ROUTING OF PIPING, ETC., UNLESS SPECIFICALLY DIMENSIONED ON THE DRAWINGS, SHALL BE DETERMINED IN THE FIELD. MAKE REASONABLE MODIFICATIONS IN THE INSTALLATION SO ALL PIPING, EQUIPMENT, ETC. FIT PROPERLY AND CAN BE SERVICED. COORDINATE ALL INSTALLATIONS AND ROUTING WITH OTHER TRADES.
- 6 PLUMBING EQUIPMENT AND INSTALLATION SHALL CONFORM TO THE LATEST EDITION OF THE:
  - STATE BUILDING CODE
  - STATE PLUMBING CODE
  - STATE MECHANICAL CODE
  - STATE FIRE CODE
  - STATE ENERGY CODE
  - NATIONAL ELECTRIC CODE
  - APPLICABLE OSHA AND NFPA STANDARDS
  - COUNTY AND CITY BUILDING REGULATIONS AND CODES
- 7 THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PLUMBING PENETRATIONS REQUIRED THROUGH WALLS, FLOORS, ROOFS, ETC.
- 8 INSTALL PROPER ADAPTERS AT ALL CHANGES IN PIPING MATERIALS.
- 9 INSTALL DIELECTRIC UNIONS / COUPLINGS OR INSULATED FLANGE KITS AT ALL JUNCTIONS OF DISSIMILAR METAL PIPING SYSTEMS.
- 10 ALL VALVES SHALL BE INSTALLED IN LOCATIONS WHERE THEY ARE ACCESSIBLE AND ABLE TO BE OPERATED AND MAINTAINED. PROVIDE ACCESS PANELS AS REQUIRED. RECORD ALL VALVE LOCATIONS ON "AS-BUILT" DRAWINGS.
- 11 THE CONTRACTOR SHALL ARRANGE AND PAY FOR ALL PLUMBING PERMITS AND INSPECTIONS AS REQUIRED BY LOCAL ORDINANCES.
- 12 UNLESS INDICATED OTHERWISE, SANITARY DRAIN PIPING SHALL BE SOLID WALL TYPE DWV PLASTIC.
- 13 UNLESS INDICATED OTHERWISE, SANITARY VENT PIPING SHALL BE SOLID WALL TYPE DWV PLASTIC.
- 14 ABOVE GROUND WATER PIPING SHALL BE HARD DRAWN TYPE L COPPER ASTM B88, ASTM B75 WITH LEAD-FREE SOLDER JOINTS AND WROUGHT COPPER FITTING ANSI B16-22, STREAMLINED PATTERN.
- 15 UNDER BUILDING SLAB WATER PIPING SHALL BE SOFT COPPER TUBE, ASTM B88, TYPE K, WITH WROUGHT COPPER, SOLDER-JOINT FITTINGS AND BRAZED JOINTS.
- 16 ALL UNDERGROUND COLDER WATER PIPING SHALL BE INSULATED WITH 1" THICK FLEXIBLE ELASTOMERIC INSULATION.
- 17 INSULATION INSTALLER QUALIFICATIONS: SKILLED MECHANICS WHO HAVE SUCCESSFULLY COMPLETED AN APPRENTICESHIP PROGRAM OR ANOTHER CRAFT TRAINING PROGRAM CERTIFIED BY THE DEPARTMENT OF LABOR, BUREAU OF APPRENTICESHIP AND TRAINING.
- 18 INSULATE THE FOLLOWING PIPING WITH FIBERGLASS INSULATION CONFORMING TO ASTM C547, CLASS I WITH THE THICKNESS INDICATED. PROVIDE WITH ALL SERVICE JACKET.  
  
COLD WATER - 1" THICK  
HOT WATER - 1" THICK  
HOT WATER RETURN - 1" THICK
- 19 ALL PVC PIPING PENETRATING FLOOR SLAB SHALL BE WRAPPED WITH 1/2" THICK FLEXIBLE ELASTOMERIC INSULATION WHERE IN CONTACT WITH CONCRETE.
- 20 ALL PIPING SHALL BE INSTALLED WITH SUFFICIENT CLEARANCE FOR INSTALLATION OF INSULATION. COORDINATE WITH OTHER TRADES.
- 21 ALL EQUIPMENT SHALL BE INSTALLED PER NEC REQUIREMENTS AND TO ALLOW FOR CODE REQUIRED CLEARANCES AND MANUFACTURER'S RECOMMENDED CLEARANCES.
- 22 DO NOT ROUTE ANY PIPING OVER ELECTRICAL PANELS, DISCONNECTS, ETC. COORDINATE WITH ELECTRICAL CONTRACTOR. ANY PIPING ROUTED OVER ELECTRICAL PANELS, DISCONNECTS, ETC. SHALL BE RELOCATED AT NO ADDITIONAL COST.
- 23 INSTALL HANGERS FOR PIPING WITH MAXIMUM HORIZONTAL AND VERTICAL SPACING AND MINIMUM ROD DIAMETERS TO COMPLY WITH M59-58, LOCALLY ENFORCED CODES AND AUTHORITIES HAVING JURISDICTION REQUIREMENTS, WHICHEVER ARE MOST STRINGENT.

THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, TOOLS AND EQUIPMENT TO INSTALL ALL PLUMBING SYSTEMS INDICATED ON THE DRAWINGS.

DELIVER MATERIALS TO THE PROJECT IN GOOD CONDITION. STORE MATERIALS OFF GROUND AND PROTECTED FROM THE ELEMENTS.

AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE FROM THE SITE AND DISPOSE OF ALL RUBBISH AND DISCARDED MATERIALS AND RESTORE DISTURBED AREAS AND SURFACES. PROVIDE ENTIRE INSTALLATION THOROUGHLY FREE FROM OIL, GREASE, DIRT, ETC. AFTER COMPLETING ALL TESTS AND BEFORE WORK IS TURNED OVER TO THE OWNER.

THE CONTRACTOR SHALL KEEP ACCURATE RECORDS OF ALL PIPING AND EQUIPMENT THAT DEVIATED FROM THE DRAWINGS. WITHIN 40 DAYS OF SUBSTANTIAL COMPLETION, THE CONTRACTOR SHALL PRESENT TO THE OWNER'S REPRESENTATIVE A MARKED SET OF DESIGN PRINTS WITH INDICATED CHANGES.

ALL PIPING THROUGH FOUNDATION WALLS SHALL BE SLEEVED AND SEALED WITH NON-SHRINK GROUT. SLEEVE SHALL BE ONE TO TWO PIPE SIZES GREATER THAN THE PIPE PASSING THROUGH THE WALL. SLEEVES SHALL BE SCHEDULE 40 GALVANIZED STEEL, ASTM A53, GRADE A OR B. THE CONTRACTOR SHALL VERIFY IN FIELD EXACT LOCATIONS, SIZES AND ELEVATIONS AND SHALL PROVIDE SLEEVE SEAL SYSTEMS FOR PIPE PENETRATIONS THROUGH SLEEVE.

ALL PENETRATIONS THROUGH MASONRY WALLS SHALL BE PROVIDED WITH PROPER SIZED SLEEVES. SEAL ALL PIPE SLEEVES WITH APPROPRIATE CAULKING. ALL PIPE SLEEVES SHALL BE SCHEDULE 40 GALVANIZED STEEL, ASTM A53, GRADE A OR B.

ALL PIPING SHALL BE IDENTIFIED AFTER INSULATION WITH THE FOLLOWING DESIGNATIONS:

- COLD WATER
- HOT WATER
- HOT WATER RETURN

PIPE MARKERS SHALL BE PRESSURE SENSITIVE VINYL AND CONFORM TO ANSI A331. PIPE MARKERS SHALL BE APPLIED AT EACH VALVE, NEAR EACH BRANCH CONNECTION AND EVERY 20 FEET ON STRAIGHT RUNS. INCLUDE FLOW ARROWS. MINIMUM LETTER SIZE SHALL BE AS FOLLOWS:

- 1/4" AND SMALLER PIPE - 1/2" LETTER SIZE
- 1/2" TO 2" PIPE - 3/4" LETTER SIZE
- 2-1/2" AND LARGER PIPE - 1-1/4" LETTER SIZE

INSTALL PIPE MARKERS WITH 1" MINIMUM LAP CIRCUMFERENTIALLY AROUND PIPE INSULATION. COLOR OF PIPE MARKERS AND BANDS SHALL BE IN ACCORDANCE WITH ANSI A331.

THE CONTRACTOR SHALL TEST THE PLUMBING SYSTEM PER THE STATE PLUMBING CODE. CLEAN AND FLUSH ALL POTABLE WATER LINES AFTER TESTS ARE COMPLETED UNTIL LINE RUN CLEAN AND THEN CALORIGATE TO STERILIZE THE SYSTEM. AFTER STERILIZATION, FLUSH AND TEST WATER QUALITY. THE CONTRACTOR SHALL FURNISH CERTIFICATE OF APPROVAL FROM LOCAL DEPARTMENT OF HEALTH OR CERTIFIED TESTING LABORATORY TO ENGINEER AT COMPLETION OF JOB BEFORE FINAL PAYMENT IS AUTHORIZED. CONTRACTOR SHALL NOTIFY ENGINEER TWO DAYS IN ADVANCE OF ALL TESTS IN ORDER TO WITNESS EACH TEST.

PROVIDE ADDITIONAL OFFSETS IN PIPING AS REQUIRED TO AVOID INTERFERENCE WITH STRUCTURE DUCTWORK, ELECTRICAL, ETC.

PROVIDE ESCUTCHEONS AT ALL EXPOSED PIPING PENETRATIONS OF WALLS AND CEILINGS.

BALL VALVES FOR WATER SHALL BE TWO-PIECE, FULL PORT, LEAD FREE BRONZE WITH STAINLESS STEEL BALL AND TRIM. PROVIDE HANDLE EXTENSIONS IN INSULATED PIPING.

ALL PIPE HANGERS SHALL BE GALVANIZED CLEVIS TYPE HANGERS.

ALL PLUMBING, EQUIPMENT, PIPING, ETC. SHALL BE RESTRAINED TO RESIST SEISMIC FORCES. RESTRAINTS SHALL MAINTAIN EQUIPMENT, PIPING, ETC. IN A CAPTIVE POSITION. RESTRAINT DEVICES SHALL BE DESIGNED AND SELECTED TO MEET THE SEISMIC REQUIREMENTS AS DEFINED IN THE LATEST ISSUE OF THE INDIANA BUILDING CODE AND / OR LOCAL JURISDICTION BUILDING CODE.

PROVIDE CALCULATIONS TO DETERMINE RESTRAINT LOADS RESULTING FROM SEISMIC FORCES PRESENTED IN THE LATEST EDITION OF THE LOCAL BUILDING CODE AND / OR INDIANA BUILDING CODE. SEISMIC CALCULATIONS SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF INDIANA AND IN THE DIRECT EMPLOY OF THE SEISMIC EQUIPMENT MANUFACTURER.

CALCULATIONS MUST SHOW THE ENTIRE LOAD PATH FROM THE EQUIPMENT TO THE BUILDING STRUCTURE AND INDICATE THE METHOD OF ATTACHMENT OF THE EQUIPMENT TO THE SEISMIC RESTRAINT AND THE SEISMIC RESTRAINT TO THE BUILDING STRUCTURE.

ALL PIPING, EQUIPMENT, ETC. REQUIRING SEISMIC RESTRAINTS SHALL BE INSTALLED, SUPPORTED, BRACED, ETC. PER THE SEISMIC SUPPLIER'S INSTRUCTIONS.

INSTALLATION INSTRUCTIONS MUST BE SUBMITTED TO THE ENGINEER PRIOR TO THE INSTALLATION OF THE EQUIPMENT, PIPING, ETC.

SEISMIC DESIGN CATEGORY = D

THE IMPORTANCE FACTOR  $I_p = 1.0$ .

THE SEISMIC SUPPLIER SHALL BE ONE OF THE FOLLOWING:

- KINETICS
- MASON INDUSTRIES

THE CONTRACTOR SHALL PROVIDE ANY MISCELLANEOUS WOOD OR STEEL REQUIRED FOR MOUNTING THE EQUIPMENT AND SEISMIC RESTRAINTS TO THE STRUCTURE.

A REPRESENTATIVE OF THE SEISMIC SUPPLIER SHALL VISIT THE JOB SITE AS WORK PROGRESSES TO VERIFY THAT ALL SEISMIC RESTRAINTS ARE INSTALLED PER CODE REQUIREMENTS AND SEISMIC SUPPLIER INSTALLATION INSTRUCTIONS. THE REPRESENTATIVE SHALL PROVIDE A WRITTEN REPORT TO THE ENGINEER AND CONTRACTOR OF ANY DEFICIENCIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND REPRESENTATIVE WHEN ALL DEFICIENCIES HAVE BEEN CORRECTED. THE REPRESENTATIVE SHALL VERIFY THAT ALL DEFICIENCIES HAVE BEEN CORRECTED. AT THE COMPLETION OF THE PROJECT, THE REPRESENTATIVE SHALL PROVIDE TO THE ENGINEER, A WRITTEN CERTIFICATION THAT ALL SEISMIC RESTRAINTS ARE INSTALLED AS REQUIRED BY CODE AND SEISMIC SUPPLIER INSTRUCTIONS.

THE SEISMIC SUPPLIER ASSUMES ALL RESPONSIBILITY FOR DETERMINING THE EQUIPMENT, PIPING, ETC. THAT REQUIRES CALCULATIONS AND SEISMIC RESTRAINTS.

UNLESS DETERMINED BY THE SEISMIC SUPPLIER THAT CALCULATIONS AND SEISMIC RESTRAINTS ARE NOT REQUIRED, PROVIDE SEISMIC RESTRAINTS AND CALCULATIONS FOR THE FOLLOWING EQUIPMENT. IF ANY OF THE FOLLOWING EQUIPMENT DOES NOT REQUIRE CALCULATIONS OR SEISMIC RESTRAINTS, THE SEISMIC SUPPLIER SHALL LIST ON THE SEISMIC SUBMITTALS WHY THE EQUIPMENT IS EXEMPT FROM CALCULATIONS AND SEISMIC RESTRAINTS. PROVIDE SEISMIC RESTRAINTS AND CALCULATIONS FOR ANY ADDITIONAL EQUIPMENT NOT LISTED THAT REQUIRES CALCULATIONS AND SEISMIC RESTRAINTS.

- WATER HEATER
- EXPANSION TANK
- HOT WATER RECIRCULATION PUMP
- CONCRETE PAD

THE SEISMIC SUPPLIER SHALL DETAIL THE PROPER ANCHORAGE OF THE CONCRETE EQUIPMENT PAD TO THE FLOOR.

THE SEISMIC SUPPLIER SHALL PROVIDE A COPY OF THESE REQUIREMENTS WITH THE SEISMIC SUBMITTALS. THE SEISMIC ENGINEER SHALL SIGN THE COPY INDICATING THAT HE / SHE HAS READ ALL REQUIREMENTS. SUBMITTALS WITHOUT THIS SIGNED COPY WILL BE REJECTED.

[illegible]

No.	By	Date
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[illegible]

Scale: As Noted

Designed By: BLC	Job Number: 04089 1 004
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Drawn By:	Date:
PLC	07.03.2025

Filename:  
P102 P103 P104.DWG

Sheet Number:

D400

**P102**

1102

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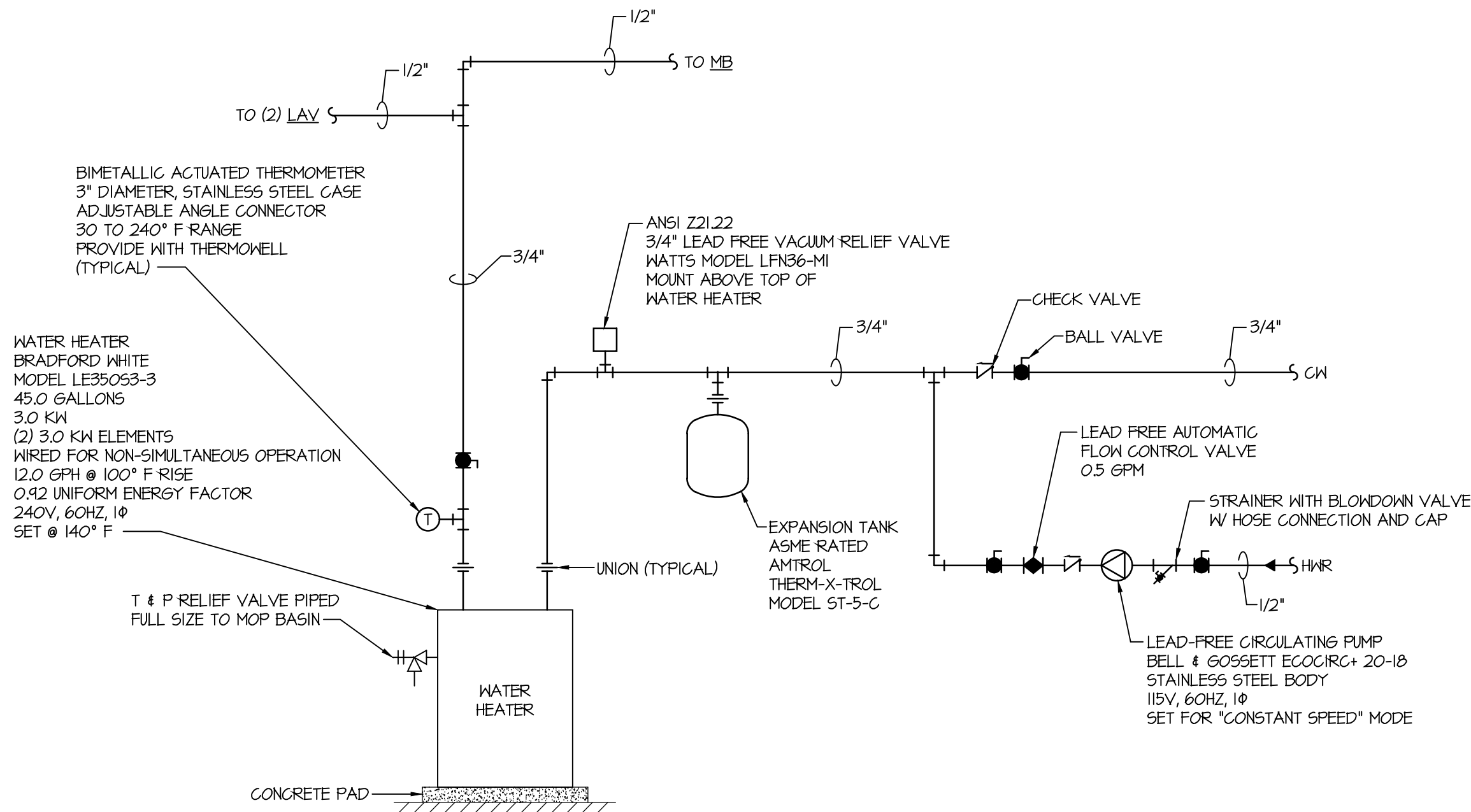
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FIXTURE SCHEDULE			ROUGH-IN SCHEDULE				REMARKS
SYMBOL	MANUFACTURER & MODEL	TRIM & ACCESSORIES	HW	CW	WASTE	MOUNTING HEIGHT	
WC	ZURN Z5665-BNLI-AM	ZURN ZER6000AV-CPM 1.6 GPF FLUSH VALVE	-	1"	4"	FLOOR	COLOR SHALL BE WHITE
		CHURCH 950055GT SEAT					ZURNSHIELD CERAMIC GLAZE
		CLOSET BOLT AND WAX RING					SEAT: IAPMO/ANSI Z124.5-2013 COMMERCIAL HEAVY DUTY
							BATTERY OPERATED FLUSH VALVE
UR	ZURN Z5755-U	ZURN ZER6003AV-CPM 1.0 GPF FLUSH VALVE	-	3/4"	2"	11" TO TOP OF RIM	COLOR SHALL BE WHITE
							BATTERY OPERATED FLUSH VALVE
LAV	JUST MANUFACTURING A33330-J	ZURN ZB6100-XL SINGLE BASIN METERING FAUCET	1/2"	1/2"	1-1/2"	SEE ADA DETAIL THIS SHEET	1/8 GAUGE 304 STAINLESS STEEL LAVATORY W/ OVERFLOW
		JUST MANUFACTURING J-35-56F-VR STAINLESS STEEL DRAIN					VANDAL RESISTANT STAINLESS STEEL DRAIN
		DRAIN AND SUPPLY ADA INSULATOR KIT					0.5 GPM FLOW RATE
		ANGLE STOPS					LAMINAR OR AERATOR OUTLET
		P-TRAP					LEAD FREE FAUCET
MB	FIAT MSB-2424	WATTS LFRUG-B-M2 ASSE STANDARD 1070 MIXING VALVE	1/2"	1/2"	3"	FLOOR MOUNTED	VANDAL RESISTANT ADA COMPLIANT HANDLE
		CHICAGO FAUCET 835-XKRCF FAUCET					COLOR SHALL BE WHITE
		FIAT 832-AA HOSE AND BRACKET					
		FIAT 804-CC MOP HANGER					
		FIAT E-TT-AA VINYL BUMPER GUARD					
DF	HANS 1119FRP	STAINLESS STEEL WALL GUARDS	-	1/2"	1-1/4"	PER MANUFACTURER'S INSTRUCTIONS	
		P-TRAP					
		WATTS LFMMV ASSE STANDARD 1070 MIXING VALVE					
		MODEL 6700.4 "HI-LO" UNIVERSAL MOUNTING PLATE - FOUNTAINS					HIGH-LOW ADA OUTDOOR
		MODEL 6700 IN WALL MOUNTING PLATE - BOTTLE FILLER					FREEZE RESISTANT
			-	1/2"	1-1/4"	PER MANUFACTURER'S INSTRUCTIONS	VANDAL RESISTANT
							1/20FPR BOTTLE FILLER
							(3) 652FPR FREEZE RESISTANT VALVE ASSEMBLIES
							BP32 BACK PANEL FOR BOTTLE FILLER

SCHEDULE NOTES:

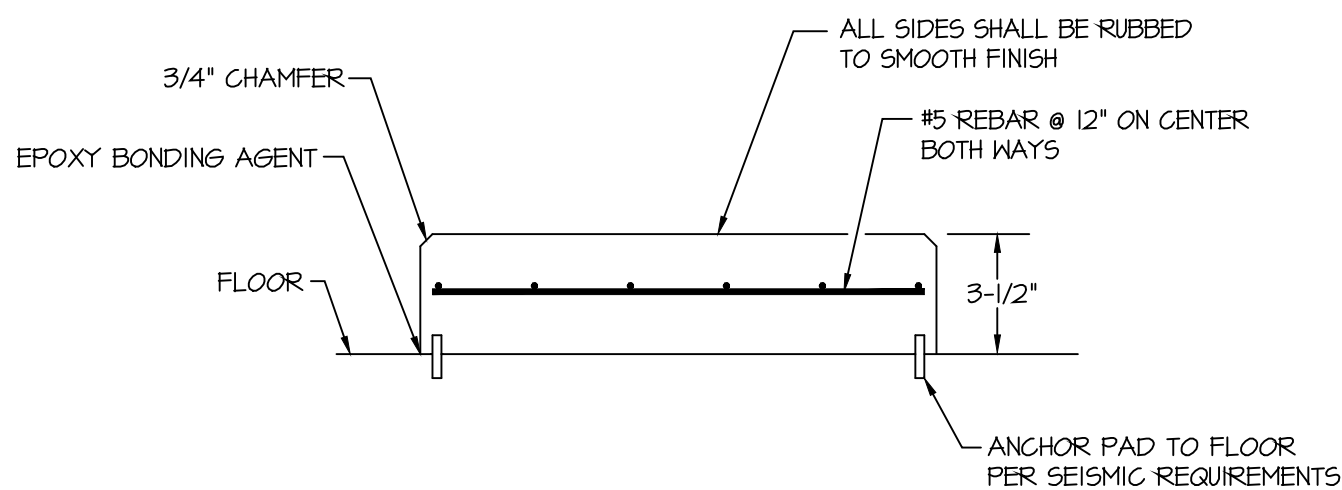
1. ALL P-TRAPS SHALL BE IT GAGE CHROME PLATED WITH DEEP FLANGE ESCUTCHEON.
2. RISERS SHALL BE STAINLESS STEEL BRAIDED HOSE.
3. ANGLE STOPS SHALL BE CHROME PLATED, QUARTER-TURN BALL VALVES, BRASS CRAFT KT SERIES.
4. ESCUTCHEONS FOR SUPPLIES SHALL BE CHROME PLATED.
5. ALL FAUCETS SHALL BE CONSTRUCTED WITH CERAMIC DISC COMPONENTS.
6. SEAL FIXTURES AT WALL USING SILICONE SEALANT. COLOR SHALL MATCH FIXTURE.



WATER HEATER PIPING DIAGRAM

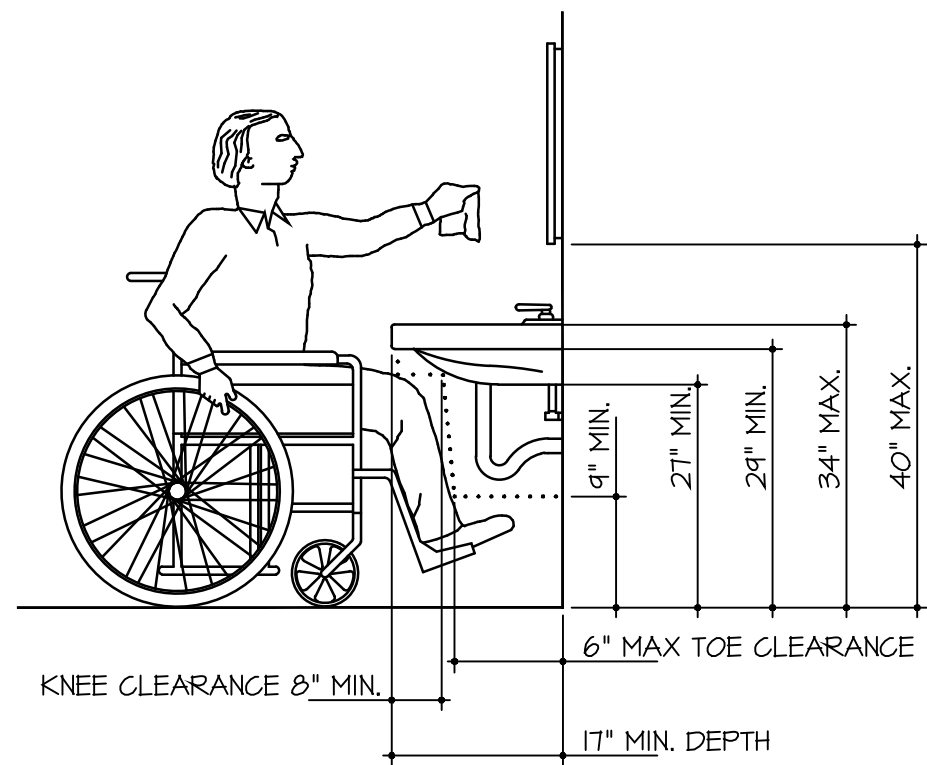
SCALE: NONE

MISCELLANEOUS SCHEDULE		
SYMBOL	MANUFACTURER & MODEL	REMARKS
FD	ZURN ZN415B-VP-TP	3" ADJUSTABLE FLOOR DRAIN WITH:
		DURA COATED CAST-IRON BODY
		TYPE "B" 1"Ø NICKEL BRONZE STRAINER
		VANDAL PROOF SECURED TOP
FD-I	ZURN ZN415B-VP-TP	1/2" TRAP RPIMER CONNECITON
		4" ADJUSTABLE FLOOR DRAIN WITH:
		DURA COATED CAST-IRON BODY
		TYPE "B" 1"Ø NICKEL BRONZE STRAINER
FCO	ZURN ZN1400-VP	VANDAL PROOF SECURED TOP
		ADJUSTABLE FLOOR CLEANOUT WITH:
		DURA-COATED CAST-IRON BODY
		POLISHED NICKEL BRONZE TOP
YCO	ZURN ZI414-N-VP	VANDAL-PROOF SCREWS
		HEAVY DUTY CLEANOUT HOUSING
		DURA-COATED CAST IRON
		DOUBLE FLANGED HOUSING
WH	ZURN ZI320XL-CL	HEAVY DUTY SECURED SCORIATED CAST IRON COVER
		ZI440 INTERNAL CLEANOUT
		HOUSING FREE OF PIPING
		VANDAL PROOF SCREW
		ENGAGED ECOLOTROL WALL HYDRANT
		NON-FREEZE
		ANTI-SIPHON
		AUTOMATIC DRAINING
		3/4" INLET
		LEAD FREE
		CERAMIC DISC
		STAINLESS STEEL HOUSING W/ CYLINDER LOCK
		OPERATING KEY



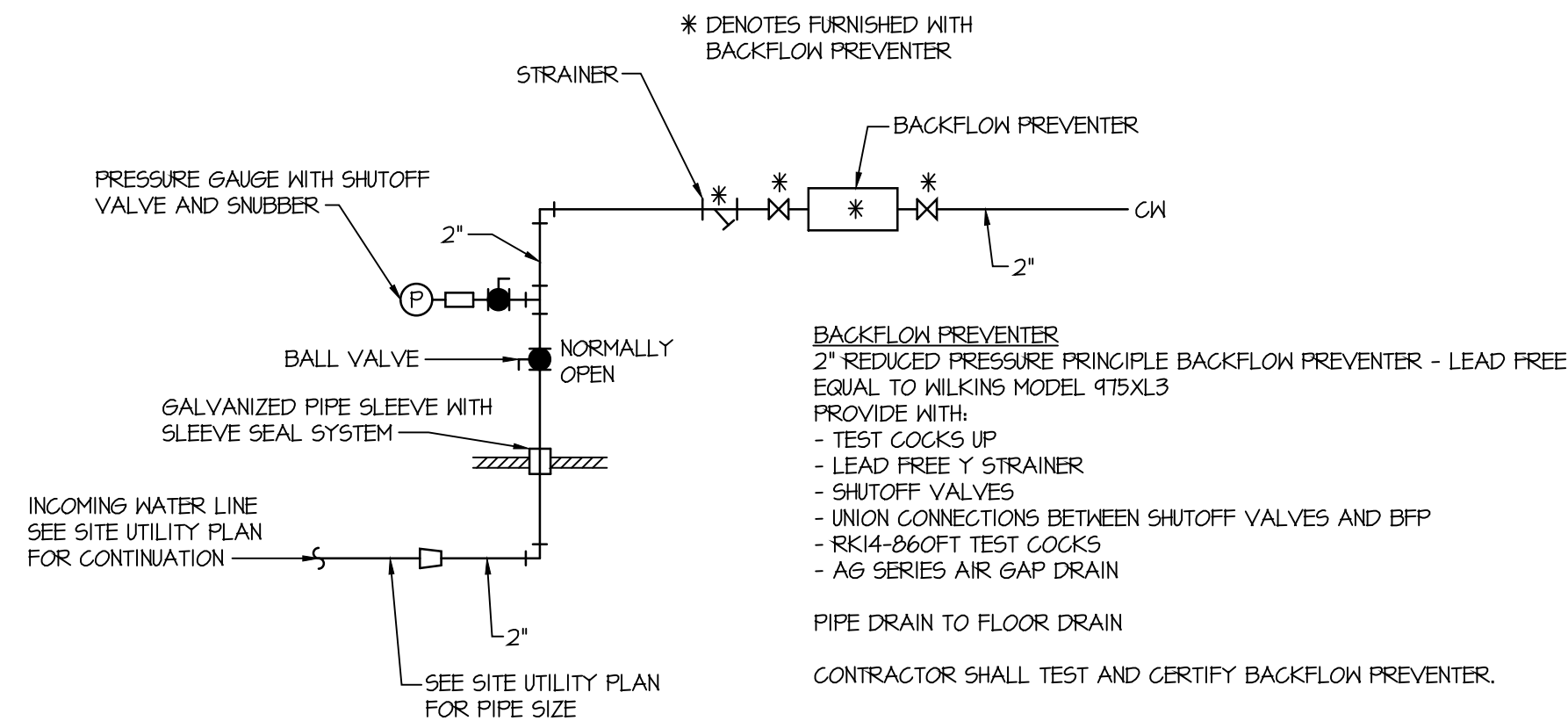
INDOOR CONCRETE PAD DETAIL

SCALE: NONE



ADA LAVATORY CLEARANCES

SCALE: NONE



DOMESTIC WATER PIPING DIAGRAM

SCALE: NONE



ARCHITECTS | ENGINEERS | SURVEYORS

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Wesselman Park  
Playground Restroom

602 N. Boeke Rd.  
Evansville, IN 47711

Plumbing  
Schedules and Details


No. By Date

Revisions

Scale: As Noted

Designed By: BLC Job Number: 04089.1.004

Drawn By: BLC Date: 07.03.2025

Filename: P102 P103 P104.DWG

Sheet Number:

P103











HVAC SPECIFICATIONS

- 1

IT IS THE INTENT OF THESE SPECIFICATIONS TO COVER FIRST CLASS WORKMANSHIP THROUGHOUT. PERSONNEL SHALL BE THOROUGHLY TRAINED AND EXPERIENCED IN THE PRODUCTS INVOLVED AND RECOMMENDED METHODS FOR THEIR FABRICATION AND INSTALLATION. NO ALLOWANCE SHALL BE MADE FOR LACK OF SKILL ON THE PART OF THE WORKMEN IN THE ACCEPTANCE AND / OR REJECTION OF COMPLETED WORK.
- 2

MATERIALS AND EQUIPMENT SHALL BE NEW AND INSTALLED AS INDICATED ON THE DRAWINGS AND / OR SPECIFICATIONS. THEY SHALL BE INSTALLED PLUMB, LEVEL AND TRUE-TO-LINE WITH ADJACENT WORK. WHERE INSTALLATION METHODS ARE NOT SPECIFICALLY COVERED BY THE DRAWINGS AND / OR SPECIFICATIONS, FIRST CLASS TRADE PRACTICES AND MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS SHALL GOVERN.
- 3

COOPERATE WITH OTHER TRADES IN LOCATING DUCTWORK, PIPING, EQUIPMENT, ETC. IN ORDER TO AVOID CONFLICT WITH OTHER TRADE'S WORK.
- 4

IN ADDITION TO ANY STANDARD GUARANTEE PROVIDED BY THE MANUFACTURER, THE CONTRACTOR SHALL FURNISH TO THE OWNER A WRITTEN GUARANTEE AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP FOR ALL APPARATUS AND MATERIALS FURNISHED AND FOR ENTIRE WORKMANSHIP OF INSTALLATION FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE OF WORK. DURING GUARANTEE PERIOD AND WITHOUT EXPENSE TO THE OWNER, REPAIR ALL DEFECTS IN WORKMANSHIP OR MATERIAL PROVIDED.
- 5

FURNISH ALL LABOR, MATERIAL, TOOLS AND EQUIPMENT TO INSTALL ALL HVAC SYSTEMS AS INDICATED ON THESE DRAWINGS.
- 6

DELIVER MATERIALS TO PROJECT IN GOOD CONDITION. STORE MATERIALS OFF GROUND AND PROTECTED FROM THE ELEMENTS.
- 7

AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE FROM THE SITE AND DISPOSE OF ALL RUBBISH AND DISCARDED MATERIALS AND RESTORE DISTURBED AREAS AND SURFACES. PROVIDE ENTIRE INSTALLATION THOROUGHLY FREE FROM ALL OIL, GREASE, DIRT, ETC. BEFORE WORK IS TURNED OVER TO THE OWNER.
- 8

THE MECHANICAL CONTRACTOR SHALL KEEP ACCURATE RECORDS OF ALL PIPING, DUCTWORK AND EQUIPMENT THAT DEVIATED FROM THE DRAWINGS. WITHIN 40 DAYS OF SUBSTANTIAL COMPLETION, THE CONTRACTOR SHALL PRESENT TO THE OWNER'S REPRESENTATIVE A MARKED SET OF DESIGN PRINTS WITH INDICATED CHANGES.
- 9

DUCTWORK: COMPLY WITH SMACNA'S "HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE" FOR ACCEPTABLE MATERIALS, MATERIAL THICKNESSES AND DUCT CONSTRUCTION METHODS.
- 10

ALL DUCTWORK SHALL BE SEALED PER REQUIREMENTS OF ASHRAE STANDARD 90.1-2007.
- 11

ALL PIPING PENETRATIONS THROUGH WALLS SHALL BE PROVIDED WITH PROPER SIZED GALVANIZED PIPE SLEEVES. SEAL ALL PIPE SLEEVES WITH APPROPRIATE CAULK.
- 12

ALL DUCTWORK, PIPING AND EQUIPMENT SHALL BE IDENTIFIED AFTER INSULATION WITH MARKERS.
- 13

A FACTORY TRAINED REPRESENTATIVE SHALL PROVIDE OWNER TRAINING.
- 14

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL HVAC FEES AND PERMITS.
- 15

PIPING MATERIALS SHALL BE AS FOLLOWS:

A.

REFRIGERANT PIPING
  - ASTM B 280, TYPE AGR DRAWN TEMPER COPPER WITH BRAZED JOINTS
  - ASTM B 280, TYPE L DRAWN TEMPER COPPER WITH BRAZED JOINTS

B.

CONDENSATE DRAIN LINES
  - SCHEDULE 40 PVC
- 16

INSULATION INSTALLER QUALIFICATIONS: SKILLED MECHANICS WHO HAVE SUCCESSFULLY COMPLETED AN APPRENTICESHIP PROGRAM OR ANOTHER CRAFT TRAINING PROGRAM CERTIFIED BY THE DEPARTMENT OF LABOR, BUREAU OF APPRENTICESHIP AND TRAINING.
- 17

PIPE AND EQUIPMENT INSULATION SHALL BE AS FOLLOWS:

A.

CONDENSATE DRAIN - INSIDE
  - 1" FLEXIBLE ELASTOMERIC

B.

REFRIGERANT PIPING
  - 1" FLEXIBLE ELASTOMERIC
- 18

ENGAGE A TESTING, ADJUSTING AND BALANCING AGENT CERTIFIED BY EITHER AABC OR NEBB FOR ALL TESTING, ADJUSTING AND BALANCING. PROVIDE (4) COPIES OF TEST AND BALANCE REPORT.

SEISMIC RESTRAINTS AND VIBRATION ISOLATION

- 1

ALL HVAC EQUIPMENT, DUCTWORK, PIPING, CONDUIT, ETC. SHALL BE RESTRAINED TO RESIST SEISMIC FORCES. RESTRAINTS SHALL MAINTAIN EQUIPMENT, DUCTWORK, PIPING, CONDUIT, ETC. IN A CAPTIVE POSITION. RESTRAINT DEVICES SHALL BE DESIGNED AND SELECTED TO MEET THE SEISMIC REQUIREMENTS AS DEFINED IN THE LATEST ISSUE OF THE INDIANA BUILDING CODE AND / OR LOCAL JURISDICTION BUILDING CODE.
- 2

PROVIDE CALCULATIONS TO DETERMINE RESTRAINT LOADS RESULTING FROM SEISMIC FORCES PRESENTED IN THE LATEST EDITION OF THE LOCAL BUILDING CODE AND / OR INDIANA BUILDING CODE. SEISMIC CALCULATIONS SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF INDIANA AND IN THE DIRECT EMPLOY OF THE SEISMIC EQUIPMENT MANUFACTURER.
- 3

CALCULATIONS MUST SHOW THE ENTIRE LOAD PATH FROM THE EQUIPMENT TO THE BUILDING STRUCTURE AND INDICATE THE METHOD OF ATTACHMENT OF THE EQUIPMENT TO THE SEISMIC RESTRAINT AND THE SEISMIC RESTRAINT TO THE BUILDING STRUCTURE.
- 4

ALL DUCTWORK, PIPING, EQUIPMENT, CONDUIT, ETC. REQUIRING SEISMIC RESTRAINTS SHALL BE INSTALLED, SUPPORTED, BRACED, ETC. PER THE SEISMIC SUPPLIER'S INSTRUCTIONS.
- 5

INSTALLATION INSTRUCTIONS MUST BE SUBMITTED TO THE ENGINEER PRIOR TO THE INSTALLATION OF THE EQUIPMENT, DUCTWORK, PIPING, CONDUIT, ETC.
- 6

SEISMIC DESIGN CATEGORY = D
- 7

THE IMPORTANCE FACTOR  $I_p = 1.0$ .
- 8

THE SEISMIC SUPPLIER SHALL BE ONE OF THE FOLLOWING:

- KINETICS

- MASON INDUSTRIES
- 9

THE CONTRACTOR SHALL PROVIDE ANY MISCELLANEOUS STEEL OR WOOD REQUIRED FOR MOUNTING THE EQUIPMENT AND SEISMIC RESTRAINTS TO THE STRUCTURE.
- 10

A REPRESENTATIVE OF THE SEISMIC SUPPLIER SHALL VISIT THE JOB SITE AS WORK PROGRESSES TO VERIFY THAT ALL SEISMIC RESTRAINTS ARE INSTALLED PER CODE REQUIREMENTS AND SEISMIC SUPPLIER INSTALLATION INSTRUCTIONS. THE REPRESENTATIVE SHALL PROVIDE A WRITTEN REPORT TO THE ENGINEER AND CONTRACTOR OF ANY DEFICIENCIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND REPRESENTATIVE WHEN ALL DEFICIENCIES HAVE BEEN CORRECTED. THE REPRESENTATIVE SHALL VERIFY THAT ALL DEFICIENCIES HAVE BEEN CORRECTED. AT THE COMPLETION OF THE PROJECT, THE REPRESENTATIVE SHALL PROVIDE TO THE ENGINEER, A WRITTEN CERTIFICATION THAT ALL SEISMIC RESTRAINTS ARE INSTALLED AS REQUIRED BY CODE AND SEISMIC SUPPLIER INSTRUCTIONS.
- 11

THE SEISMIC SUPPLIER ASSUMES ALL RESPONSIBILITY FOR DETERMINING THE EQUIPMENT, PIPING, DUCTWORK, CONDUIT, ETC. THAT REQUIRES CALCULATIONS AND SEISMIC RESTRAINTS.
- 12

UNLESS DETERMINED BY THE SEISMIC SUPPLIER THAT CALCULATIONS AND SEISMIC RESTRAINTS ARE NOT REQUIRED, PROVIDE SEISMIC RESTRAINTS AND CALCULATIONS FOR THE FOLLOWING EQUIPMENT. IF ANY OF THE FOLLOWING EQUIPMENT DOES NOT REQUIRE CALCULATIONS OR SEISMIC RESTRAINTS, THE SEISMIC SUPPLIER SHALL LIST ON THE SEISMIC SUBMITTALS WHY THE EQUIPMENT IS EXEMPT FROM CALCULATIONS AND SEISMIC RESTRAINTS. PROVIDE SEISMIC RESTRAINTS AND CALCULATIONS FOR ANY ADDITIONAL EQUIPMENT NOT LISTED THAT REQUIRES CALCULATIONS AND SEISMIC RESTRAINTS.

- EXHAUST FANS

- ELECTRIC WALL HEATER

- ELECTRIC CEILING HEATERS

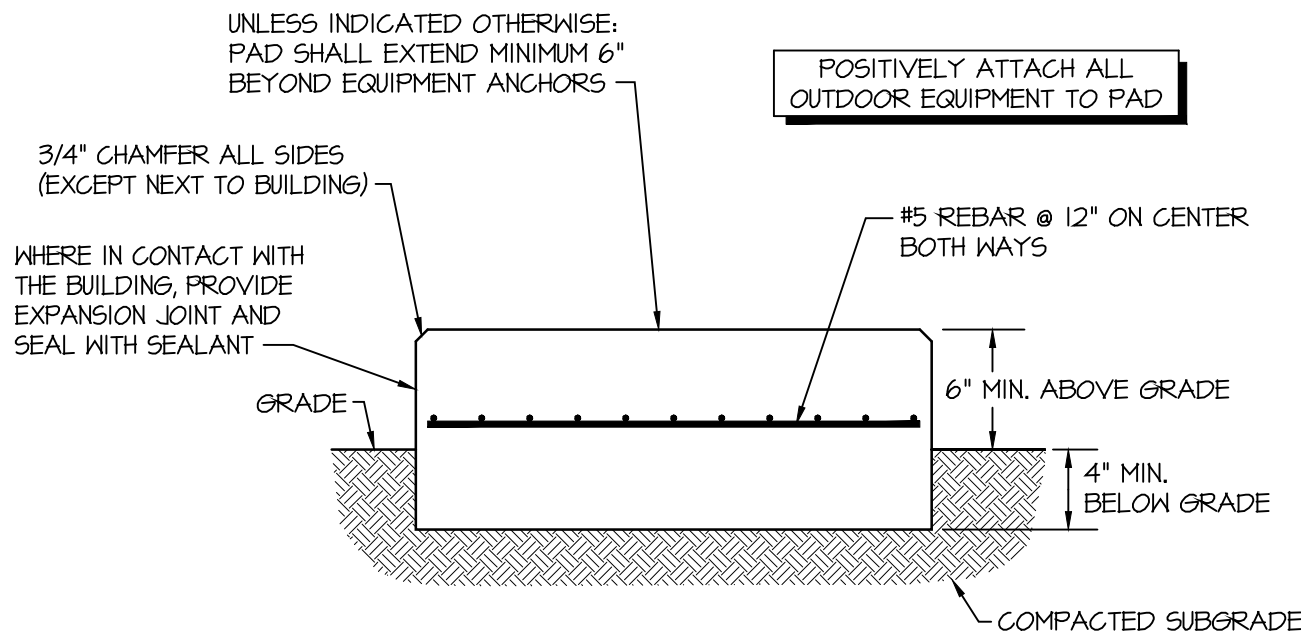
- AIR CONDITIONING UNITS
- 13

THE FOLLOWING EQUIPMENT SHALL BE SUSPENDED FROM THE STRUCTURE WITH VIBRATION ISOLATORS:

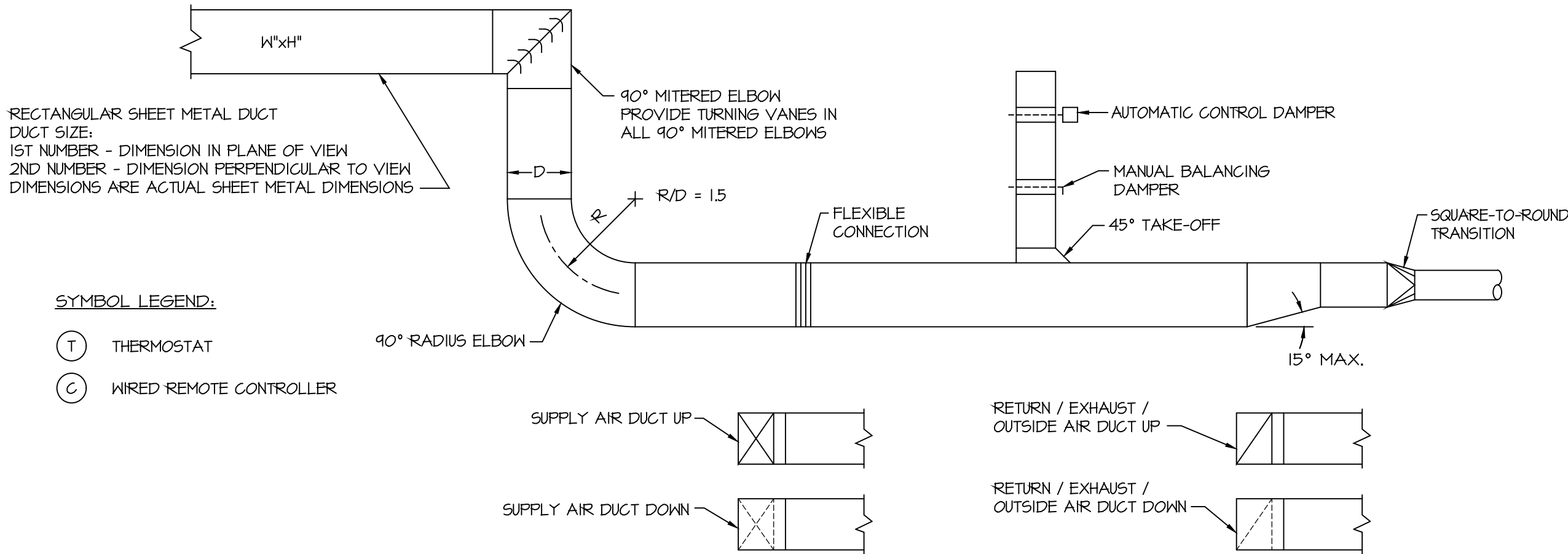
- ACU-1

- ACU-2
- 14

THE SEISMIC SUPPLIER SHALL PROVIDE A COPY OF THESE REQUIREMENTS WITH THE SEISMIC SUBMITTALS. THE SEISMIC ENGINEER SHALL SIGN THE COPY INDICATING THAT HE / SHE HAS READ ALL REQUIREMENTS. SUBMITTALS WITHOUT THIS SIGNED COPY WILL BE REJECTED.



OUTDOOR CONCRETE PAD DETAIL  
SCALE: NONE



HVAC LEGEND  
SCALE: NONE



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Wesselman Park  
Playground Restroom

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HVAC  
Specifications and  
Details


No.	By	Date
Revisions		
Scale: As Noted		
Designed By: BLC		Job Number: 04089.1.004
Drawn By: BLC		Date: 07.03.2025
Filename: M102 M103 M104.DWG		
Sheet Number:		

M102



SCHEDULE OF LOWERS									
SYMBOL	MANUFACTURER	SERVICE	MODEL	SIZE	CFM	APD IN-WG	FREE AREA SF	FREE AREA VELOCITY FPM	NOTES
L-1	GREENHECK	INTAKE	ESD-403	16"x16"	280	0.031	0.66	425	1, 2
L-2	GREENHECK	INTAKE	ESD-403	16"x16"	140	0.008	0.66	213	1, 2

NOTES:

1. PROVIDE WITH:
  - ALUMINUM BIRDSCREEN (SAME COLOR AS LOWER)
  - INTEGRAL EXTERIOR FLANGE
2. FINISH SHALL BE KYNAR 70% (2 COAT). COLOR SHALL BE SELECTED BY ARCHITECT. COLOR SHALL BE CUSTOM COLOR.

SCHEDULE OF AUTOMATIC CONTROL DAMPERS										
SYSTEM	SERVICE	MANUFACTURER	MODEL	SIZE	DAMPER TYPE	CFM	ACTUATOR TYPE	ACTUATOR ACTION	FAIL	NOTES
L-1 / ROOM 101	INTAKE	GREENHECK	VCD-23	8"x6"	OPPOSED BLADE	140	SPRING RETURN	TWO POSITION	CLOSED	1, 2
L-1 / ROOM 102	INTAKE	GREENHECK	VCD-23	8"x6"	OPPOSED BLADE	140	SPRING RETURN	TWO POSITION	CLOSED	1, 2
L-2	INTAKE	GREENHECK	VCD-23	8"x6"	OPPOSED BLADE	140	SPRING RETURN	TWO POSITION	CLOSED	1, 2

NOTES:

1. MAXIMUM LEAKAGE SHALL BE 3.0 CFM/SF @ 1.0 IN-WG WHEN TESTED IN ACCORDANCE WITH AMCA STANDARD 500.
2. PROVIDE WITH 24VAC DIRECT MOUNT ACTUATOR WITH LIMIT SWITCH.

SCHEDULE OF EXHAUST FANS																			
ELEVATION: 380 FEET																			
SYMBOL	MANUFACTURER	MODEL	SIZE	TYPE	CFM	ESP IN-WG	TSP IN-WG	DRIVE	DRIVE LOSS %	RPM	BHP	HP	FLA	MCA	MOP	ELECTRICAL	MAX SONES	MOUNTING	NOTES
EF-1	GREENHECK	5P	B200	CEILING EXHAUST	140	0.5	0.5	DIRECT	-	744	-	112.0 W	2.7	-	-	120V, 60HZ, 1ø	6.0	CEILING	I
EF-2	GREENHECK	5P	B200	CEILING EXHAUST	140	0.5	0.5	DIRECT	-	744	-	112.0 W	2.7	-	-	120V, 60HZ, 1ø	6.0	CEILING	I
EF-3	GREENHECK	5P	B200	CEILING EXHAUST	140	0.5	0.5	DIRECT	-	744	-	112.0 W	2.7	-	-	120V, 60HZ, 1ø	6.0	CEILING	I

NOTES:

- I. PROVIDE WITH:
  - MOTOR RATED FOR CONTINUOUS USE
  - MOTOR WITH THERMAL OVERLOAD
  - MOTOR WITH CSA APPROVAL
  - MOTOR WITH 40 DEGREE AMBIENT TEMPERATURE
  - ULGUL 507 LISTED ELECTRIC FAN
  - SOLID STATE SPEED CONTROLLER - MOUNTED AND WIRED INTERNALLY
  - ROOF JACK - RJ-6XR4
  - ROUND DUCT CONNECTION
  - ISOLATION KIT
  - ALUMINUM GRILLE
  - POLYPROPYLENE WHEEL MATERIAL
  - INTEGRAL BACKDRAFT DAMPER
  - PLUG TYPE DISCONNECT

SCHEDULE OF GRILLES & DIFFUSERS													
SYMBOL	MANUFACTURER	TYPE	MODEL	PANEL SIZE	INLET SIZE	ROUND NECK ADAPTOR	NOMINAL CFM	THROW	NC	PD IN-WG STATIC	PD IN-WG TOTAL	MOUNTING	NOTES
S-1	PRICE	HEAVY DUTY DOUBLE DEFLECTION	920	-	16"x8"	-	355	14-20-34	< 15	-	0.03	SIDEWALL	1, 2
R-1	PRICE	HEAVY DUTY LOUVERED FACE W/ FILTER	96FH	-	16"x16"	-	355	-	< 15	0.01	-	SIDEWALL	1, 3, 6, 7
OAG-1	PRICE	PERFORATED FACE	APDDR	16"x16	10"Ø	-	140	-	< 15	0.01	-	LAY-IN	1, 4, 5

NOTES:

1. IF OTHER THAN THE BASIS OF DESIGN:  
SUBMITTALS SHALL INCLUDE PERFORMANCE DATA IN SAME FORMAT AS SCHEDULE  
SUBMITTALS WITHOUT PERFORMANCE DATA WILL BE REJECTED.
2. FRONT BLADES PARALLEL TO SHORT DIMENSION.
3. 3/4" BLADE SPACING, 45° DEFLECTION, HORIZONTAL BLADES.
4. PROVIDE WITH ALUMINUM FACE SCREEN.
5. PROVIDE WITH MODEL AMF ALUMINUM SURFACE MOUNT ADAPTOR FRAME
6. PROVIDE WITH 2" FILTER FRAME.
7. PROVIDE WITH 16"x16"x2" THICK, MERV 8 PLATED MEDIA FILTER

SCHEDULE OF ELECTRIC WALL HEATERS							
SYMBOL	MOUNTING	MANUFACTURER	SERIES	WATTAGE	ELECTRICAL	AMPS	NOTES
EW-H-1	SURFACE	MARKEL	3320	2000	240V, 60HZ, 1Ø	8.3	1

NOTES:

- I. PROVIDE WITH:
- INTEGRAL TAMPER PROOF THERMOSTAT
  - DISCONNECT SWITCH
  - 4" SURFACE MOUNTING FRAME
  - 16 GAUGE STEEL HEAVY DUTY GRILL

SCHEDULE OF ELECTRIC CEILING HEATERS							
SYMBOL	MOUNTING	MANUFACTURER	SERIES	WATTAGE	ELECTRICAL	AMPS	NOTES
ECH-1	RECESSED	MARKEL	3380	4000	240V, 60HZ, 1Ø	16.8	1
ECH-2	RECESSED	MARKEL	3380	4000	240V, 60HZ, 1Ø	16.8	1

NOTES:

- I. PROVIDE WITH:
- CONTROL CIRCUIT FOR USE WITH REMOTE THERMOSTAT
  - DISCONNECT SWITCH

IF EQUIPMENT OTHER THAN THE BASIS OF DESIGN IS PROVIDED, THE CONTRACTOR AND EQUIPMENT SUPPLIER SHALL VERIFY THAT THE EQUIPMENT WILL FIT IN THE SPACE PROVIDED WITH ADEQUATE CLEARANCE FOR SERVICE AND REQUIREMENTS OF THE NATIONAL ELECTRIC CODE.


IF EQUIPMENT WITH ELECTRICAL CHARACTERISTICS (HP, MCA, MOCF, VOLTAGE, ETC.) DIFFERENT THAN THAT SPECIFIED IS PROVIDED, THE EQUIPMENT SUPPLIER SHALL COORDINATE ALL REQUIRED ELECTRICAL CHANGES WITH THE DIVISION 26 CONTRACTOR. THE EQUIPMENT SUPPLIER SHALL ASSUME ALL RESPONSIBILITY FOR THE REQUIRED CHANGES. THE EQUIPMENT SUPPLIER SHALL BE RESPONSIBLE FOR ANY ADDITIONAL COSTS ASSOCIATED WITH THE CHANGES WITH NO CHANGE IN THE CONTRACT PRICE.



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### Wesselman Park Playground Restroom

602 N. Boeke Rd.  
Evansville, IN 47711

## HVAC Schedules


No.	By	Date
<b>Revisions</b>		

**Scale:** As Noted

Designed By: <b>BLC</b>	Job Number: <b>04089.1.004</b>
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Drawn By: BLC	Date: 07.03.2025
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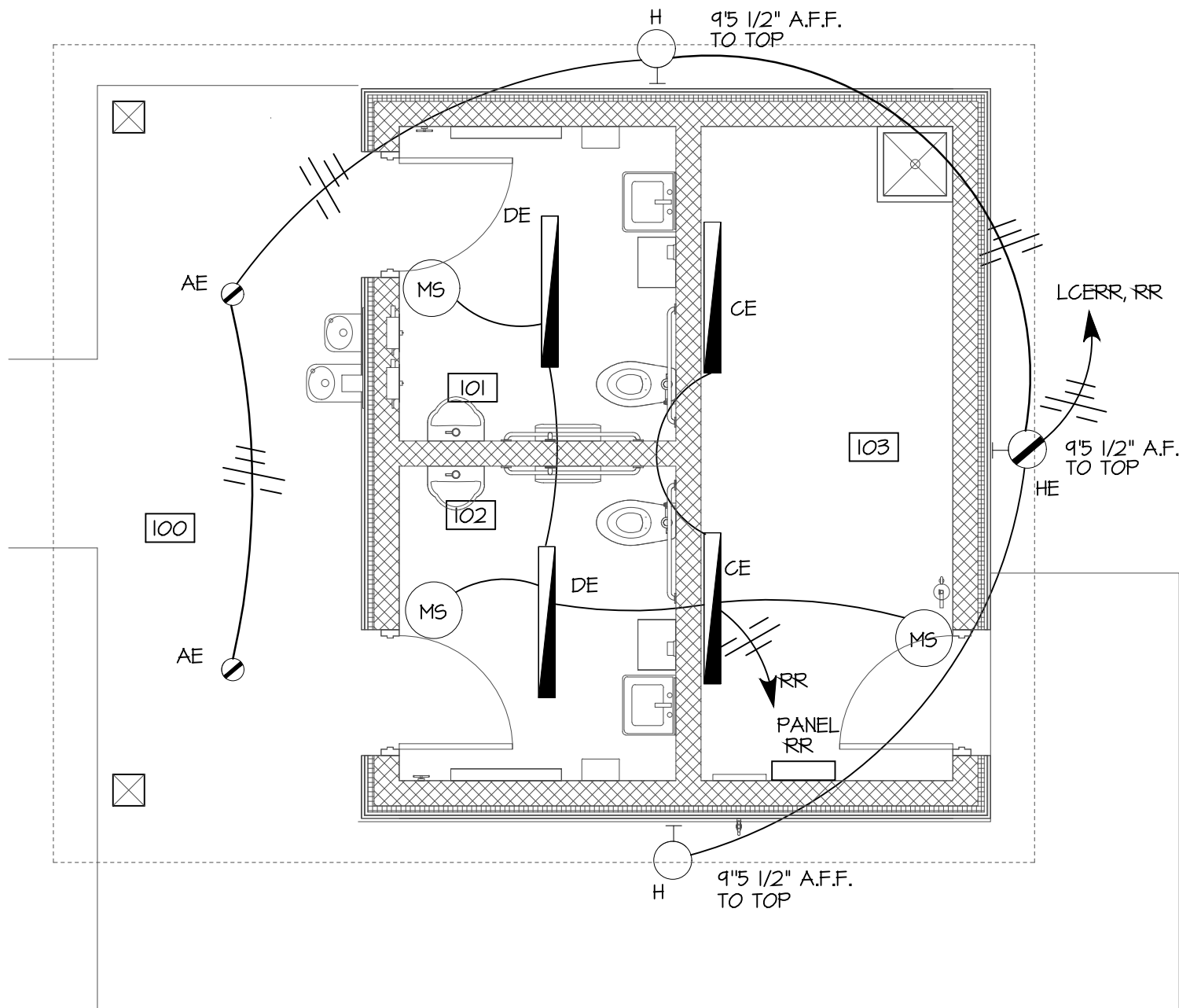
Filename:  
M102 M103 M104.DWG

# M103

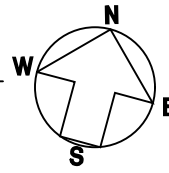






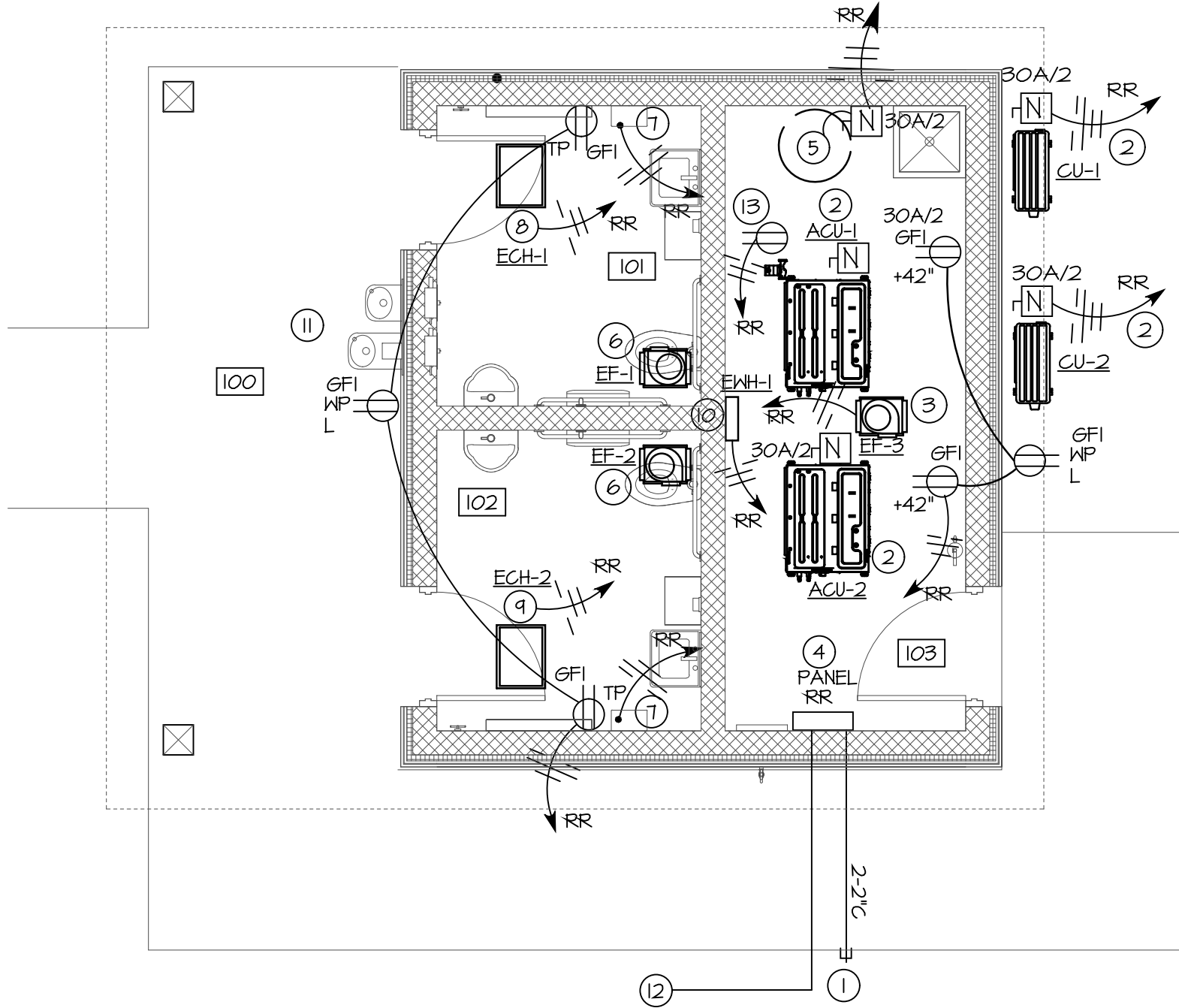


ELECTRICAL LIGHTING PLAN  
SCALE: 1/4" = 1'-0"

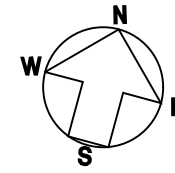


LIGHTING PLAN GENERAL NOTES:

- ALL ELECTRICAL CONDUITS IN ALL AREAS SHALL BE CONCEALED, NO EXCEPTIONS, UNLESS NOTED BELOW.  
EXPOSED CONDUIT SHALL ONLY BE ALLOWED IN THE FOLLOWING LOCATIONS:  
- 103
- ALL TOGGLE SWITCHES, EXIT LIGHTS AND ALL OTHER ELECTRICAL EQUIPMENT SHALL BE LABELED PER SPECIFICATIONS, WITH LABEL INDICATING POWER SOURCE PANEL AND CIRCUIT BREAKER NUMBER.
- BASED ON ROUTING OF CONDUITS, ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR UPSIZING BRANCH CIRCUIT WIRING AS REQUIRED TO LIMIT VOLTAGE DROP TO 3%.
- ALL UNDERGROUND CONDUITS IN BUILDING SHALL BE LOCATED BENEATH THE DRAINAGE LAYER, NOT WITHIN DRAINAGE LAYER.
- ELECTRICAL WIRING DEVICES LOCATED ADJACENT TO ONE ANOTHER SHALL BE ALIGNED AND MOUNTED AT SAME ELEVATION.
- ALL EMERGENCY LIGHT FIXTURES WITH BATTERY SHALL HAVE SEPERATE "HOT" CONDUCTOR INSTALLED FOR BATTERY.



ELECTRICAL POWER AND SYSTEMS PLAN  
SCALE: 1/4" = 1'-0"



POWER AND SYSTEMS PLAN GENERAL NOTES:

- ALL ELECTRICAL CONDUITS IN ALL AREAS SHALL BE CONCEALED IN WALLS OR UNDERGROUND, NO EXCEPTIONS, UNLESS NOTED BELOW.  
EXPOSED CONDUIT SHALL ONLY BE ALLOWED IN THE FOLLOWING LOCATIONS:  
- 103
- ALL RECEPTACLES, WIREMOLD, DISCONNECT SWITCHES, CONTROL PANELS AND ALL OTHER ELECTRICAL EQUIPMENT SHALL BE LABELED PER SPECIFICATIONS, WITH LABEL INDICATING POWER SOURCE PANEL AND CIRCUIT BREAKER NUMBER.
- BASED ON ROUTING OF CONDUITS, ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR UPSIZING BRANCH CIRCUIT WIRING AS REQUIRED TO LIMIT VOLTAGE DROP TO 3%.
- FURNISH AND INSTALL NON FUSED DISCONNECT SWITCH ON ALL HVAC AND OTHER EQUIPMENT NOT PROVIDED WITH DISCONNECT SWITCH FROM FACTORY.
- ALL UNDERGROUND CONDUITS IN BUILDING SHALL BE LOCATED BENEATH THE DRAINAGE LAYER, NOT WITHIN THE DRAINAGE LAYER.
- ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL OUTLET BOXES FOR ALL HVAC THERMOSTATS WITH 3/4" FROM OUTLET BOX TO CEILING CAVITY. SEE MECHANICAL SHEETS FOR LOCATIONS. MOUNTING HEIGHT SHALL MATCH TOGGLE SWITCH MOUNTING HEIGHT.
- ELECTRICAL WIRING DEVICES LOCATED ADJACENT TO ONE ANOTHER SHALL BE ALIGNED AND MOUNTED AT SAME ELEVATION.

POWER AND SYSTEMS PLAN NOTES:

- 2-2" C SPARE CONDUITS STUBBED BEYOND PAVEMENT.
- OUTDOOR UNIT FEEDS POWER TO INDOOR UNIT. PROVIDE ALL WIRING BETWEEN INDOOR AND OUTDOOR UNIT AS REQUIRED, PER MANUFACTURERS REQUIREMENTS.
- EXHAUST FAN TO BE CONTROLLED BY MECHANICAL CONTRACTOR WITH THERMOSTAT. EXHAUST FAN PROVIDED WITH FACTORY DISCONNECT SWITCH.
- CONTRACTOR SHALL LABEL ALL PANELS, ETC., PER SPECIFICATIONS WITH ARC FLASH HAZARD PPE REQUIREMENTS INCLUDING CLOTHING TYPE AND DISTANCE REQUIREMENTS BASED ON ARC FLASH STUDY. PROVIDE LABELING AS REQUIRED. DO NOT MOUNT PANEL BEHIND DOOR.
- ELECTRIC WATER HEATER WH-1, 240V, 1Ø, 3KW (NON SIMULTANEOUS OPERATION).
- CONNECT EXHAUST FAN TO LIGHTING BRANCH CIRCUIT, MECHANICAL CONTRACTOR TO WIRE TO RUN FAN WHEN LIGHTS ARE ON. EXHAUST FAN PROVIDED WITH FACTORY DISCONNECT SWITCH.
- HAND DRYER
- ELECTRIC CEILING HEATER ECH-1 WITH FACTORY INTEGRAL DISCONNECT, 4KW, 240V, 1Ø
- ELECTRIC CEILING HEATER ECH-2 WITH FACTORY INTEGRAL DISCONNECT, 4KW, 240V, 1Ø
- ELECTRIC WALL HEATER EWH-1 WITH FACTORY INTEGRAL DISCONNECT, 2KW, 240V, 1Ø
- WATER COOLER IS NOT ELECTRIC
- ELECTRICAL FEED TO EXISTING 120/240V PANEL ON SITE, SEE CIVIL PLANS AND ONE LINE DIAGRAM.
- 120V RECIRCULATING PUMP, PROVIDE RECEPTACLE AS REQUIRED.



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Wesselman Park  
Playground Restroom

602 N. Boeke Rd.  
Evansville, IN 47711

Electrical  
Plans


No.	By	Date
Revisions		
Scale: 1" = As Noted		
Designed By:	BGC	Job Number: 04089.1.004
Drawn By:	BGC	Date: 07.03.2025
Filename: E MASTER		
Sheet Number:		

E101



PANEL RR

125A120/240V,1PH3W  
125A/2P MAIN CIRCUIT BREAKER  
SURFACE MOUNT, 22K AIG

CIRCUIT NO.	DESCRIPTION	SIZE	FEEDER SIZE	CIRCUIT NO.	DESCRIPTION	SIZE	FEEDER SIZE
1	HAND DRYER	20/1	2#12, 1#12G, 1/2" C	2	EXTERIOR LIGHTING	20/1	2#12, 1#12G, 1/2" C
3	HAND DRYER	20/1	2#12, 1#12G, 1/2" C	4	LIGHTING	20/1	2#12, 1#12G, 1/2" C
5	RESTROOM RECEPTACLES	20/1	2#12, 1#12G, 1/2" C	6	EF-1	15/1	2#12, 1#12G, 1/2" C
7	RECEPTACLES	20/1	2#12, 1#12G, 1/2" C	8	EF-2	15/1	2#12, 1#12G, 1/2" C
9	EL. WATER HTR WH-1 3KW	20/2	2#12, 1#12G, 1/2" C	10	EF-3	15/1	2#12, 1#12G, 1/2" C
11	RECIRC PUMP	15/1	2#12, 1#12G, 1/2" C	12	SPARE	25/2	2#10, 1#10G, 1/2" C
13	SPARE	20/1		14	RR EWH-1 HEATER - 4KW	16	
15	ACU-1/CU-1	15/2	3#12, 1#12G, 1/2" C	18	RR EWH-2 HEATER - 4KW	25/2	2#10, 1#10G, 1/2" C
19				22	STORAGE EWH-1 HEATER - 2KW	15/2	2#12, 1#12G, 1/2" C
21	ACU-2/CU-2	15/2	3#12, 1#12G, 1/2" C	24			
23				26	SPARE	20/1	
25	SPARE	20/1		28	SPARE	20/1	
27	SPARE	20/1		30	SPARE	20/1	
29	SPARE	20/1		32	SPARE	20/1	

FURNISH AND INSTALL 125A/2P CIRCUIT BREAKER IN EXISTING SQUARE D GO LOAD CENTER LOCATED ON WEST END OF PLAYGROUND. SEE CIVIL DRAWINGS, TO SERVE NEW RESTROOM PANEL RR

STUB TWO (2) 10' BEYOND BUILDING PAVEMENT FOR FUTURE, PROVIDE PULL CORD AND TRACER WIRE. MARK FOR OWNER

ELECTRONIC TIME CLOCK WITH BATTERY BACKUP, INTERMATIC CAT. NO. ET1125C OR APPROVED EQUAL.

PHOTOCELL, INTERMATIC CAT. NO. EK4236S

ELECTRICALLY HELD LIGHTING CONTACTOR 20A CONTACTS, 120VAC COIL, NEMA 1 ENCLOSURE, SQUARE D CLASS 8403 TYPE LL OR APPROVED EQUAL.

EXTERIOR LIGHTING CONTROL 'LCERR'  
WIRING DIAGRAM  
SCALE: NONE

ONE LINE  
DIAGRAM NOTES:

- 1 PROVIDE LABEL ON PANEL INDICATING:  
PANEL RR  
MAIN POWER SERVICE DISCONNECT  
125A, 120/240V, 1Ø, 3W
- 2 PROVIDE ALL EQUIPMENT WITH ARC FLASH LABELS

ONE-LINE DIAGRAM  
SCALE: NONE

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CEILING OUTLET AND LED LIGHTING FIXTURE AS SCHEDULED		CIRCUIT CONCEALED IN CEILING OR WALL. CROSSBARS INDICATE NUMBER OF CONDUCTORS REQUIRED. CONDUIT NOT SIZED 15 1/2" INCH. CONDUCTORS NOT SIZED ARE NO. 12. WHERE CROSSBARS ARE NOT INDICATED, CIRCUIT SHALL HAVE ONE HOT, ONE NEUTRAL AND ONE GROUND CONDUCTOR.
	CEILING OUTLET AND LED LIGHTING FIXTURE WITH EMERGENCY BATTERY AS SCHEDULED		HOMERUN TO PANELBOARD INDICATED. NUMBER OF ARROWHEADS INDICATES NUMBER OF CIRCUITS. NUMBERS INDICATES CIRCUIT NUMBER. PREFIX INDICATES PANEL NUMBER.
	WALL OUTLET AND LED LIGHTING FIXTURE AS SCHEDULED		CIRCUIT CONCEALED IN OR UNDER FLOOR OR UNDERGROUND.
	WALL OUTLET AND LED LIGHTING FIXTURE WITH EMERGENCY BATTERY AS SCHEDULED		CIRCUIT EXPOSED.
	CEILING OUTLET AND LED LIGHTING FIXTURE AS SCHEDULED.		S SINGLE POLE 20A SWITCH. MOUNT 44" A.F.F. TO BOTTOM, UNLESS OTHERWISE NOTED.
	CEILING OUTLET AND LED LIGHTING FIXTURE WITH EMERGENCY BATTERY AS SCHEDULED.		S3 THREE WAY 20A SWITCH. 4 = 4 WAY, K = KEY, P = PILOT, M = MOMENTARY CONTACT. MOUNT 44" A.F.F. TO BOTTOM, UNLESS OTHERWISE NOTED.
	EMERGENCY BATTERY PACK.		Sd LIGHT SWITCH WITH 1200mA-10V LED DIMMER TO MATCH LIGHT FIXTURE. MOUNT AT 44" A.F.F. TO TOP, UNLESS OTHERWISE NOTED. SWITCH FUNCTIONS ALL ON/OFF, DIM UP, DIM DOWN.
	UNIVERSAL MOUNT SINGLE FACED EMERGENCY EXIT LIGHT FIXTURE WITH DIRECTIONAL ARROWS AS SHOWN ON DRAWINGS. MOUNT AT 7'-4" A.F.F. TO BOTTOM, UNLESS NOTED OTHERWISE.		abc LOWER CASE LETTERS AT OUTLETS INDICATE SWITCHING ARRANGEMENT.
	POLE LIGHT COMPLETE WITH POLEBRACKETS, REQUIRED NUMBER OF LIGHTING FIXTURES, REINFORCED CONCRETE FOUNDATION, AND ALL ACCESSORIES.		LC LIGHTING CONTACTOR. MOUNT AT 4'-0" A.F.F. TO TOP, UNLESS NOTED OTHERWISE.
	SYMBOL INDICATES NIGHT LIGHTING CIRCUIT WHEN SHOWN ON LIGHTING PLANS ADJACENT TO FIXTURE.		ND NON-FUSED DISCONNECT SWITCH. MOUNT AT 4'-6" A.F.F. TO TOP, UNLESS NOTED OTHERWISE.
	SYMBOL INDICATES FIXTURE TYPE WHEN SHOWN ON LIGHTING PLANS ADJACENT TO FIXTURE.		M MANUAL MOTOR CONTROLLER TO SUIT MOTOR. "P" INDICATES PILOT LIGHT. MOUNT 44" A.F.F. TO TOP, UNLESS NOTED OTHERWISE.
	WALL OUTLET WITH 20A, 125V DUPLEX RECEPTACLE. MOUNT 16 INCHES A.F.F. TO BOTTOM, UNLESS NOTED OTHERWISE. GFI INDICATES RECEPTACLE GFI OR SERVED BY GROUND FAULT CURRENT INTERRUPTER CIRCUIT BREAKER. "NP" INDICATES WEATHERPROOF COVER. "TV" INDICATES TELEVISION OUTLET. MOUNT 12" A.F.F. TO BOTTOM. "L" INDICATES LOCKABLE COVER. "TP" INDICATES TAMPERPROOF RECEPTACLE. "USB" INDICATES COMBINATION DUPLEX AND USB CHARGER TYPE RECEPTACLE.		Motor.
	WALL OUTLET WITH 20A, 125V DUPLEX RECEPTACLE. MOUNT HORIZONTALLY 6 INCHES ABOVE COUNTER OR ABOVE COUNTER BACKSPLASH/ABOVE SHELVING ETC... TO BOTTOM, UNLESS NOTED OTHERWISE. COORDINATE EXACT MOUNTING HEIGHT WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN. GFI INDICATES RECEPTACLE SERVED BY GROUND FAULT CURRENT INTERRUPTER CIRCUIT BREAKER. "TP" INDICATES TAMPERPROOF RECEPTACLE. "USB" INDICATES COMBINATION DUPLEX AND USB CHARGER TYPE RECEPTACLE.		CIRCUIT BREAKER
	WALL OUTLET WITH 20A, 125V DOUBLE DUPLEX (QUADRAPLEX). MOUNT HORIZONTALLY 6 INCHES ABOVE COUNTER OR ABOVE COUNTER BACKSPLASH/ABOVE SHELVING ETC... TO BOTTOM, UNLESS NOTED OTHERWISE. COORDINATE EXACT MOUNTING HEIGHT WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN. GFI INDICATES RECEPTACLE SERVED BY GROUND FAULT CURRENT INTERRUPTER CIRCUIT BREAKER.		CMB COMBINATION CIRCUIT BREAKER MAGNETIC MOTOR CONTROLLER, SIZE 1, MOUNT ON UNIT.
	WALL OUTLET WITH 20A, 125V DOUBLE DUPLEX (QUADRAPLEX) RECEPTACLE. MOUNT 6 INCHES ABOVE COUNTER OR COUNTER BACKSPLASH TO BOTTOM, UNLESS NOTED OTHERWISE.		MS WALL MOUNTED SWITCH/VACANCY SWITCH, DUAL TECHNOLOGY MOTION SENSOR SENSORSWITCH MODEL NO. NED-PDT-SA-GRAY. MOUNT SWITCH AT 44" A.F.F. TO BOTTOM, UNLESS INDICATED OTHERWISE.
	SPECIAL RECEPTACLE, AS NOTED.		MC CEILING MOUNTED DUAL TECHNOLOGY STANDARD RANGE MOTION SENSOR SENSORSWITCH MODEL CMR-PDT-4. CONNECT AHEAD OF SWITCHING TO ENABLE SWITCHING. ADJUST SENSOR TO PROVIDE MAXIMUM MOTION SENSING IN ROOM.
	"123" NUMBER AT OUTLET INDICATES CIRCUIT ARRANGEMENT.		MA WALL MOUNTED DUAL TECHNOLOGY WIDE RANGE MOTION SENSOR, SENSORSWITCH MODEL WW6. CONNECT AHEAD OF SWITCHING TO ENABLE SWITCHING. ADJUST SENSOR TO PROVIDE MAXIMUM MOTION SENSING OF BAY. MOUNT AT 12" A.F.F. TO BOTTOM, DIRECT TOWARDS FLOOR.
	CJ CEILING OR FLOOR MOUNTED JUNCTION BOX.		
	WJ WALL MOUNTED JUNCTION BOX. MOUNT 16" A.F.F. TO BOTTOM, UNLESS NOTED OTHERWISE. "S" INDICATES SURFACE MOUNTED.		
	WJ TWO COMPARTMENT MULTIPLE SERVICE OUTLET FLOOR BOX, WALKER RFB2-05 WITH ONE GFI RECEPTACLE OR APPROVED EQUAL. BRASS FINISH, FLANGELESS COVER FOR CARPET INSTALLATION. CONTRACTOR SHALL FURNISH AND INSTALL 2-1" C WITH PULL STRING FROM LOW VOLTAGE SECTION OF FLOOR BOX TO ACCESSIBLE CEILING CAVITY AND BUSH END. INSTALL SUCH THAT COVER IS FLUSH WITH FLOOR.		

ELECTRICAL SPECIFICATIONS

1. ALL ELECTRICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE AND WITH ALL OTHER APPLICABLE STATE AND LOCAL CODES.
2. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT AS INDICATED ON THE DRAWINGS. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND OF FIRST-CLASS CONSTRUCTION, AND SHALL BE THE PRODUCT OF AN ESTABLISHED AND REPUTABLE MANUFACTURER AND SHALL BE DESIGNED TO PERFORM THE SERVICE REQUIRED.
3. ALL ELECTRICAL SYSTEMS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. THE ENTIRE ELECTRICAL SYSTEM SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER AND ACCORDING TO GOOD PRACTICE.
4. ALL MATERIALS USED IN THE WORK SHALL BE APPROVED BY THE UNDERWRITER'S LABORATORIES, INC., AND SHALL BEAR THEIR LABEL WHERE SUCH APPROVAL IS AVAILABLE FOR THE TYPE OF MATERIAL.
5. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, PROCURE ALL PERMITS, CERTIFICATES, AND LICENSES REQUIRED OF HIM BY LAW FOR THE EXECUTION OF HIS WORK.
6. THE CONTRACTOR SHALL VISIT SITE TO OBTAIN KNOWLEDGE OF EXACT CIRCUIT DISTANCES AND INSTALLATION REQUIREMENTS.
7. CONDUCTORS NO. 8 AND LARGER SHALL BE CODE GRADE THIN STRANDED COPPER WIRE. CONDUCTORS SMALLER THAN NO. 8 SHALL BE CODE GRADE THIN WIRE, SOLID OR STRANDED COPPER. MINIMUM WIRE SIZE SHALL BE NO. 12, UNLESS NOTED OTHERWISE.
8. CONDUIT SHALL BE AS FOLLOWS: EMT OR MC CABLE SHALL BE USED FOR CONCEALED INTERIOR RACEWAYS AND ABOVE LAY-IN CEILINGS. LIQUID TIGHT FLEXIBLE METAL CONDUIT WITH LIQUID TIGHT CONNECTIONS SHALL BE USED FOR ALL MECHANICAL EQUIPMENT CONNECTIONS. FLEXIBLE METALLIC (NON-LIQUID-TIGHT) CONDUIT SHALL BE USED FOR LAY-IN TYPE LIGHTING FIXTURES. CONDUIT SHALL BE 1/2" MINIMUM SIZE. THE USE OF CRIMP TIGHT CONNECTORS FOR CONDUIT WILL NOT BE ALLOWED. UNDERGROUND CONDUIT SHALL BE PVC EXCEPT AT CONDUIT BEND THROUGH FLOOR WHERE CONDUIT SHALL BE RIGID. ALL WORK PER NEG.
9. DISCONNECT SWITCHES SHALL BE "HEAVY-DUTY" RATED. NEMA 1 OR 3R, AS REQUIRED.
10. HIRING DEVICES (SWITCHES AND RECEPTACLES) SHALL BE 20A, 125VAC "SPECIFICATION GRADE", IVORY FINISH WITH METAL DEVICE PLATE. SWITCH DEVICES SHALL BE HUBBELL 1221 OR APPROVED EQUAL BY BRYANT, ARROW-HART, OR PASS AND SEYMOUR. RECEPTACLES SHALL BE HUBBELL #5362 SERIES OR APPROVED EQUAL BY BRYANT, ARROW-HART, OR PASS AND SEYMOUR. PROVIDE GFI AND/OR TAMPERPROOF WHERE INDICATED.
11. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS PER ARCHITECTURAL FRONT END DOCUMENTS ON ALL ELECTRICAL EQUIPMENT INCLUDING LIGHT FIXTURES, SWITCHGEAR/PANELBOARDS, WIRING DEVICES, DATA/VOICE CABLING, DISCONNECT SWITCHES/CONTACTORS/TIME CLOCK, MOTION SENSORS, TRANSFORMERS AND DATA/TELEPHONE SUPPORT SYSTEMS.
12. EXAMINE ALL ARCHITECTURAL, STRUCTURAL, PLUMBING AND HVAC CONSTRUCTION DRAWINGS. COOPERATE WITH OTHER TRADES IN LOCATING COMPONENTS IN ORDER TO AVOID CONFLICT WITH OTHER TRADES WORK. NO CLAIM FOR COSTS WILL BE ALLOWED FOR RELOCATING EQUIPMENT, ETC., THAT INTERFERES WITH OTHER TRADES WORK.
13. IN ADDITION TO EQUIPMENT GUARANTEE PROVIDED BY MANUFACTURER, THE CONTRACTOR SHALL FURNISH OWNER A WRITTEN GUARANTEE AGAINST DEFECT IN ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE OF WORK. DURING GUARANTEE PERIOD AND WITHOUT EXPENSE TO THE OWNER, REPAIR ALL DEFECTS IN WORKMANSHIP OR MATERIAL PROVIDED.
14. DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF ELECTRICAL INSTALLATION, THE EXACT LOCATION AND / OR ROUTING OF CONDUIT, RECEPTACLES, PANELS ETC., SHALL BE DETERMINED IN THE FIELD. MAKE REASONABLE MODIFICATIONS IN THE INSTALLATION AS REQUIRED BASED ON FIELD CONDITIONS.
15. AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE FROM THE SITE AND DISPOSE OF ALL RUBBISH AND DISCARDED MATERIALS.
16. THE ELECTRICAL CONTRACTOR SHALL KEEP ACCURATE RECORDS OF INSTALLATION THAT DEVIATED FROM THE DRAWINGS. AT THE COMPLETION OF PROJECT, CONTRACTOR SHALL PRESENT TO THE OWNER A MARKED UP SET OF AS BUILT PRINTS WITH INDICATED CHANGES.
17. ALL PENETRATIONS THROUGH WALLS AND FLOORS SHALL BE PROVIDED WITH PROPERLY SIZED SLEAVES. SEAL ALL SLEAVES WITH APPROPRIATE CAULK.
18. THE ELECTRICAL CONTRACTOR SHALL PROVIDE TRAINING TO THE OWNER ON ALL ELECTRICAL EQUIPMENT.
19. CIRCUIT BREAKER PANELBOARDS SHALL HAVE AIG RATING AS INDICATED ON BUSSING DIAGRAM. PANELBOARDS SHALL BE SQUARE D OR APPROVED EQUAL BY GE, WESTINGHOUSE, OR ITE-SIEMENS. CONTRACTOR SHALL PROVIDE DETAILED TYPED PANELBOARD DIRECTORY.
20. CONTRACTOR SHALL LABEL PANELBOARDS, WITH ARC FLASH HAZARD PPE REQUIREMENTS INCLUDING CLOTHING TYPE AND DISTANCE REQUIREMENTS BASED ON ARC FLASH STUDY PERFORMED BY GEAR MANUFACTURER. PROVIDE LABELING AS REQUIRED. PROVIDE PHENOLIC LABEL ON ALL EQUIPMENT WITH NAME, VOLTAGE AND FED FROM INFORMATION ON LABEL.

LIGHTING FIXTURE SCHEDULE

SYMBOL	MANUFACTURER	CATALOG NUMBER	LAMP			VOLT	MOUNTING	FINISH	REMARKS
			NO.	TYPE	WATTS				
	LITHONIA	C55 L48 4000LM MVOLT 40K 80CRI IETWCP	-	LED	35	120	WALL	--	WALL MOUNT 10" A.F.F. TO BOTTOM, EMERGENCY DRIVER
	PINNACLE LIGHTING	EV4D A 8350A 4 IND FL U FSD 1 IFSB CG	-	LED	25.6	120	RECESSED	--	EMERGENCY DRIVER
	LITHONIA	ARG1 LED P2 40K MVOLT DDBXTD	-	LED	17	120	WALL	--	SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING
	LITHONIA	ARG1 LED P2 40K MVOLT E4WH DDBXTD	-	LED	17	120	WALL	--	SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING, EMERGENCY DRIVER
	LUMINAIRE	VRDL6 6B MINI 1500LM WD 40K 80CRI 120 CPL BLK EMB310	-	LED	19	120	RECESSED	--	EMERGENCY DRIVER

SEISMIC RESTRAINTS AND VIBRATION ISOLATION

- 1 ALL HVAC, PLUMBING AND ELECTRICAL EQUIPMENT, PIPES, DUCTWORK, CONDUIT, ETC. SHALL BE RESTRAINED TO RESIST SEISMIC FORCES. RESTRAINTS SHALL MAINTAIN EQUIPMENT, PIPING, DUCTWORK AND CONDUIT IN A CAPTIVE POSITION. RESTRAINT DEVICES SHALL BE DESIGNED AND SELECTED TO MEET THE SEISMIC REQUIREMENTS AS DEFINED IN THE LATEST ISSUE OF THE INDIANA BUILDING CODE OR LOCAL JURISDICTION BUILDING CODE.
- 2 PROVIDE CALCULATIONS TO DETERMINE RESTRAINT LOADS RESULTING FROM SEISMIC FORCES PRESENTED IN THE LATEST EDITION OF THE LOCAL BUILDING CODE OR INDIANA BUILDING CODE. SEISMIC CALCULATIONS SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF INDIANA AND IN THE DIRECT EMPLOY OF THE SEISMIC EQUIPMENT MANUFACTURER.
- 3 CALCULATIONS MUST SHOW THE ENTIRE LOAD PATH FROM THE EQUIPMENT TO THE BUILDING STRUCTURE AND INDICATE THE METHOD OF ATTACHMENT OF THE EQUIPMENT TO THE SEISMIC RESTRAINT AND THE SEISMIC RESTRAINT TO THE BUILDING STRUCTURE.
- 4 ALL DUCTWORK, PIPING, EQUIPMENT AND CONDUIT NOT REQUIRING CALCULATIONS SHALL BE SEISMICALLY SUPPORTED AND BRACED PER THE SEISMIC SUPPLIER'S INSTRUCTIONS.
- 5 INSTALLATION INSTRUCTIONS MUST BE SUBMITTED TO THE ENGINEER PRIOR TO THE INSTALLATION OF THE EQUIPMENT.
- 6 THE IMPORTANCE FACTOR I = 1.5.
- 7 THE SEISMIC SUPPLIER SHALL BE ONE OF THE FOLLOWING:  
MASON INDUSTRIES  
KINETICS
- 8 THE CONTRACTOR SHALL PROVIDE ANY MISCELLANEOUS STEEL OR WOOD REQUIRED FOR MOUNTING THE EQUIPMENT AND SEISMIC RESTRAINTS.
- 9 A REPRESENTATIVE OF THE SEISMIC SUPPLIER SHALL VISIT THE JOB SITE PRIOR TO THE INSTALLATION OF ANY PIPING, DUCTWORK, CONDUIT, EQUIPMENT, ETC. AND SHALL INSTRUCT THE CONTRACTOR ON THE PROPER INSTALLATION OF THE SEISMIC RESTRAINTS. THE REPRESENTATIVE SHALL CERTIFY IN WRITING AND SUBMIT TO THE ENGINEER (WITHIN 7 DAYS OF THE INSTRUCTION) THAT THE INSTRUCTION HAS OCCURRED.
- 10 AT THE COMPLETION OF THE PROJECT, A REPRESENTATIVE OF THE SEISMIC SUPPLIER SHALL VISIT THE JOB SITE TO VERIFY THAT ALL SEISMIC RESTRAINTS ARE INSTALLED PER CODE REQUIREMENTS AND SEISMIC SUPPLIER INSTALLATION INSTRUCTIONS. THE REPRESENTATIVE SHALL PROVIDE A WRITTEN REPORT TO THE ENGINEER OF ANY DEFICIENCIES. THE REPRESENTATIVE SHALL THEN REVISIT THE JOB SITE FOR A FINAL INSPECTION TO VERIFY THAT ALL DEFICIENCIES HAVE BEEN CORRECTED. THE REPRESENTATIVE SHALL PROVIDE TO THE ENGINEER, A WRITTEN CERTIFICATION THAT ALL SEISMIC RESTRAINTS ARE INSTALLED AS REQUIRED BY CODE AND SEISMIC SUPPLIER INSTALLATION INSTRUCTIONS.



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Playground Restroom

602 N. Boeke Rd.  
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Electrical  
Miscellaneous

No.	By	Date

Revisions	
Scale: 1" = As Noted	
Designed By: BGC	Job Number: 04089.1.004
Drawn By: BGC	Date: 07.03.2025
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Sheet Number:	

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