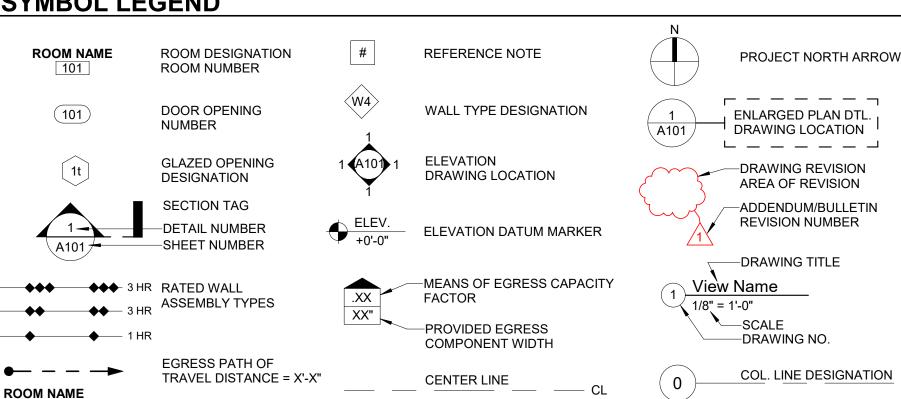
SYMBOL LEGEND



MATCH LINE

F.F.&E. FURNISHINGS, FIXTURES AND

FIRE HOSE CABINET

FINISH OPENING

FACE OF BLOCK

FACE OF CONCRETE

FACE OF BRICK

FINISH(ED)

FLOOR

FLUOR. FLUORESCENT

F.O.B.

F.O.BR.

SUSPENDED CEILING SYSTEM

-SHEET NO.

-CATEGORY

OPPOSITE

P. LAM PLASTIC LAMINATE

PLAS. PLASTER

PLUMB. PLUMBING

PROPERTY LINE

-DISCIPLINE LETTER

ABBREVIATIONS

ΑT

DEGREE

NUMBER

DIAMETER

CENTERLINE

ANGLE

PLUS OR MINUS

-FLOOR MATERIAL

-BASE MATERIAL

SCHEDULES

		F.O.F.	FACE OF FINISH	PLUMB. PR.	PLUMBING PAIR
/C	AIR CONDITIONING	F.O.G.	FACE OF GYPSUM BD.		PREFABRICATED
	ACOUSTICAL	F.O.S.	FACE OF STUD	PT. BD.	PARTICLE BOARD
.D.	AREA DRAIN	FPRF.	FIREPROOF	PTD.	PAINTED
CT.	ACOUSTICAL CEILING TILE	FR	FIRE RATING	PROP.	PROPERTY
CP	ACOUSTICAL CEILING PANEL	F.R.P.	FIBERGLASS REINFORCED PANEL	PSF	POUNDS PER SQUARE FOOT
DA	AMERICANS W/ DISABILITIES ACT	F.R.T.	FIRE RETARDANT TREATED	PSI	POUNDS PER SQUARE INCH
DJ.	ADJUSTABLE	FIN.	FINISH, FINISHED	PWD.	PLYWOOD
/E	ARCHITECT/ENGINEER	FTG.	FOOTING	P.T.	PRESSURE TREATED
.F.F.	ABOVE FINISHED FLOOR	FT.	FOOT/FEET	PVC	POLYVINYL CHLORIDE
GGR.	AGGREGATE	FURN	FURNISHED		1 OLIVINIE GIIEGINIBE
LT.	ALTERNATE	F.V.	FIELD VERIFY	Q	
LUM.	ALUMINUM			QTY.	QUANTITY
P.	ACCESS PANEL	G		Q.T.	QUARRY TILE
PPROX.	APPROXIMATE	GA.	GAUGE		
RCH.	ARCHITECT/ARCHITECTURAL	GALV.	GALVANIZED	R	
V.	AUDIO/VISUAL	G.C.	GENERAL CONTRACTOR	R	RADIUS
		GEN.	GENERAL	R.	RISER
}		GL.	GLASS	R.C.P.	REFLECTED CEILING PLAN
D.	BOARD	G.W.B./	GYPSUM WALL BOARD	R.D.	ROOF DRAIN
ITUM.	BITUMINOUS	GWB		REF.	REFERENCE
LDG.	BUILDING	GYP.	GYPSUM	REFL.	REFLECTED
.O.D.	BASIS OF DESIGN			REINF.	REINFORCED
5/O	BOTTOM OF	Н		RESIL.	RESILIENT
.O.W.	BOTTOM OF WALL	H.	HEIGHT	RELO.	RELOCATE
SMT	BASEMENT	HB	HOSE BIBB	REQD.	REQUIRED
		HDW	HARDWARE	REV.	REVISION
;		HDR.	HEADER	R.H.	RIGHT HAND
AB.	CABINET	HLD	HOLD	RM	ROOM
EM.	CEMENT	HM	HOLLOW METAL	R.O.	ROUGH OPENING
.F.C.I.	CONTRACTOR FURNISHED/	HGT.	HEIGHT		
	CONTRACTOR INSTALLED	HORIZ.	HORIZONTAL	S	
;.G.	CORNER GUARD	HVAC.	HEATING, VENTILATION & A.C.	SCHED.	SCHEDULE
I.P.	CAST-IN-PLACE	H.W.	HOT WATER	S.C.	SOLID CORE
;.J.	CONTROL JOINT			S.D.	SOAP DISPENSER
L.	CENTERLINE	1		SECT.	SECTION
LG.	CEILING	I.D.	INSIDE DIAMETER	S.F.	SQUARE FEET
LO.	CLOSET	INCAN.	INCANDESCENT		
LR	CLEAR(ANCE)	INFO.	INFORMATION	SHT.	SHEET
.M.	CONSTRUCTION MANAGER	INSUL.	INSULATION	SIM.	SIMILAR
MP	COMPOSITE METAL PANEL	INT.	INTERIOR	SPEC.	SPECIFICATION
.M.U.	CONCRETE MASONRY UNIT			SQ.	SQUARE
OL.	COLUMN	J		S.S.	STAINLESS STEEL
ONC.	CONCRETE	JAN.	JANITOR	STD.	STANDARD
ONST.	CONSTRUCTION	J.C.	JANITOR CLOSET	STL.	STEEL
ONT.	CONTINUOUS	JST.	JOIST BEARING	STOR.	STORAGE
ONTR.	CONTRACTOR	BRG.	JOIOT BEAKING		STRUCTURAL
OOR.	COORDINATE	JT.	JOINT	SUSP.	SUSPEND(ED)
PT.	CARPET			SYM.	SYMMETRICAL
;.T.	CERAMIC TILE	L			
;.W.	COLD WATER	L.	LENGTH, LONG	Т	
	OOLD WATER	LAV.	LAVATORY	T.	TREAD
		LAM.	LAMINATE	THK.	THICK/ THICKNESS
,).E.F.S.	DIRECT EXTERIOR FINISH SYSTEM	LB.	POUND	T.B.	TACK BOARD
).E.F.S.)EPT.	DEPARTMENT	L.H.	LEFT HAND	TBD	TO BE DETERMINED
ET.	DETAIL	L.L.H.	LONG LEG HORIZONTAL	T.C.	TOP OF CURB
		L.L.O.	LONG LEG OUT	T.D.	TOP OF DECK
).M.	DRINKING FOUNTAIN DIAMETER	L.L.V.	LONG LEG VERTICAL	TECH.	TECHNICAL
IA.		LVL	LAMINATED VENEER LUMBER	TEL.	TELEPHONE
IM.	DIMENSION	LVT	LUXURY VINYL TILE	TEMP.	TEMPORARY
ISP.	DISPENSER	LVI	LOXOKT VINTE TILE	T&G	TONGUE AND GROOVE
).M.B.	DRY MARKER BOARD	N/I		T.M.	TOP OF MASONRY
N S	DOWN	M MAS.	MASONRY	TMPRD.	TEMPERED
S WC	DOWNSPOUT	MAX.	MAXIMUM	T.O.	TOP OF
WG.	DRAWING	IVIAA.	IVIZVAIIVIOIVI		TOD OF DAY/ENACHT
		MID	MARKER BOARD	T.P.	TOP OF PAVEMENT
		MB. M.C.	MARKER BOARD MECHANICAL CONTRACTOR	T.S.	TOP OF STEEL
	EACH	M.C.	MECHANICAL CONTRACTOR	T.S. T.W.	TOP OF STEEL TOP OF WALL
A.	EACH CONTRACTOR	M.C. M.D.F.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD	T.S. T.W. T.O.P.	TOP OF STEEL TOP OF WALL TOP OF PLATE
.C.	ELECTRICAL CONTRACTOR	M.C. M.D.F. MECH.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL	T.S. T.W.	TOP OF STEEL TOP OF WALL
	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH	M.C. M.D.F. MECH. MEP	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING	T.S. T.W. T.O.P. TYP.	TOP OF STEEL TOP OF WALL TOP OF PLATE
i.C. i.I.F.S.	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM	M.C. M.D.F. MECH. MEP MFR.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING)	T.S. T.W. T.O.P.	TOP OF STEEL TOP OF WALL TOP OF PLATE
i.C. i.I.F.S. i.J.	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT	M.C. M.D.F. MECH. MEP MFR. M.H.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE	T.S. T.W. T.O.P. TYP.	TOP OF STEEL TOP OF WALL TOP OF PLATE
C. I.F.S. J. .L	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION	M.C. M.D.F. MECH. MEP MFR. M.H. MIN.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM	T.S. T.W. T.O.P. TYP.	TOP OF STEEL TOP OF WALL TOP OF PLATE TYPICAL
.C. .I.F.S. .J. IL ILEC.	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS	T.S. T.W. T.O.P. TYP. U U.N.O.	TOP OF STEEL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE
i.C. i.I.F.S. i.J. i.L i.LEC. i.LEV.	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED	T.S. T.W. T.O.P. TYP. U U.N.O. UL	TOP OF STEEL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES
i.C. i.I.F.S. i.J. ilL ilEC. ilEV. ingr.	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING	T.S. T.W. T.O.P. TYP. U U.N.O. UL UTIL.	TOP OF STEEL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY
i.C. i.J. i.J. ilec. ilec. ilev. ingr.	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED	T.S. T.W. T.O.P. TYP. U U.N.O. UL UTIL.	TOP OF STEEL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY
i.C. i.J. i.J. i.L. i.L. i.L. i.L. i.L. i.L	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY ELECTRICAL PANEL	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING	T.S. T.W. T.O.P. TYP. U U.N.O. UL UTIL. U.V.	TOP OF STEEL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY
i.C. i.J. i.L. i.L. i.L. i.L. i.L. i.L. i.L	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY ELECTRICAL PANEL EQUAL	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O. MTL.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING METAL	T.S. T.W. T.O.P. TYP. U U.N.O. UL UTIL. U.V.	TOP OF STEEL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY UNIT VENTILATOR
i.C. i.J. i.L. i.L. i.L. i.L. i.L. i.L. i.L	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY ELECTRICAL PANEL EQUIPMENT	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O. MTL.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING METAL	T.S. T.W. T.O.P. TYP. U U.N.O. UL UTIL. U.V. V V.C.T.	TOP OF STEEL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY UNIT VENTILATOR VINYL COMPOSITION TILE
i.C. i.J. i.L. i.L. i.L. i.L. i.L. i.L. i.L	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY ELECTRICAL PANEL EQUAL EQUIPMENT ELECTRIC WATER COOLER	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O. MTL. N N.A.F. N.I.C.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING METAL NO APPLIED FINISH NOT IN CONTRACT	T.S. T.W. T.O.P. TYP. U U.N.O. UL UTIL. U.V. V V.C.T. VERT.	TOP OF STEEL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY UNIT VENTILATOR VINYL COMPOSITION TILE VERTICAL
i.C. i.J. i.L. i.L. i.L. i.L. i.L. i.L. i.L	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY ELECTRICAL PANEL EQUAL EQUIPMENT ELECTRIC WATER COOLER EXISTING	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O. MTL. N N.A.F. N.I.C. NO.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING METAL NO APPLIED FINISH NOT IN CONTRACT NUMBER	T.S. T.W. T.O.P. TYP. U U.N.O. UL UTIL. U.V. V V.C.T. VERT. VEST.	TOP OF STEEL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY UNIT VENTILATOR VINYL COMPOSITION TILE VERTICAL VESTIBULE
i.C. i.J. i.L i.L i.L i.L i.L i.L i.L i.L i.L i.	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY ELECTRICAL PANEL EQUAL EQUIPMENT ELECTRIC WATER COOLER EXISTING EXPOSED	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O. MTL. N N.A.F. N.I.C. NO. N.T.S.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING METAL NO APPLIED FINISH NOT IN CONTRACT NUMBER NOT TO SCALE	T.S. T.W. T.O.P. TYP. U U.N.O. UL UTIL. U.V. V V.C.T. VERT. VEST. V.I.F.	TOP OF STEEL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY UNIT VENTILATOR VINYL COMPOSITION TILE VERTICAL VESTIBULE VERIFY IN FIELD
i.C. i.J. i.L. i.L. i.L. i.L. i.L. i.L. i.L	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY ELECTRICAL PANEL EQUAL EQUIPMENT ELECTRIC WATER COOLER EXISTING	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O. MTL. N N.A.F. N.I.C. NO.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING METAL NO APPLIED FINISH NOT IN CONTRACT NUMBER	T.S. T.W. T.O.P. TYP. U U.N.O. UL UTIL. U.V. V V.C.T. VERT. VEST. V.I.F. V.T.R.	TOP OF STEEL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY UNIT VENTILATOR VINYL COMPOSITION TILE VERTICAL VESTIBULE VERIFY IN FIELD
i.C. i.J. i.L i.L i.L i.L i.L i.L i.L i.L i.L i.	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY ELECTRICAL PANEL EQUAL EQUIPMENT ELECTRIC WATER COOLER EXISTING EXPOSED	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O. MTL. N N.A.F. N.I.C. NO. N.T.S. NOM.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING METAL NO APPLIED FINISH NOT IN CONTRACT NUMBER NOT TO SCALE	T.S. T.W. T.O.P. TYP. U.N.O. UL UTIL. U.V. V V.C.T. VERT. VEST. V.I.F. V.T.R.	TOP OF STEEL TOP OF WALL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY UNIT VENTILATOR VINYL COMPOSITION TILE VERTICAL VESTIBULE VERIFY IN FIELD VENT THROUGH ROOF
i.C. i.J. i.L i.LEC. i.LEV. iMER. i.P. i.Q. i.Q. i.XIST. i.XP.	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY ELECTRICAL PANEL EQUAL EQUIPMENT ELECTRIC WATER COOLER EXISTING EXPOSED EXTERIOR	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O. MTL. N N.A.F. N.I.C. NO. N.T.S. NOM.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING METAL NO APPLIED FINISH NOT IN CONTRACT NUMBER NOT TO SCALE NOMINAL	T.S. T.W. T.O.P. TYP. U.N.O. UL UTIL. U.V. V V.C.T. VERT. VEST. V.I.F. V.T.R.	TOP OF STEEL TOP OF WALL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY UNIT VENTILATOR VINYL COMPOSITION TILE VERTICAL VESTIBULE VERIFY IN FIELD VENT THROUGH ROOF
i.C. i.J. i.L i.LEC. i.LEV. iMER. i.P. i.Q. i.W.C. i.XIST. i.XP. i.XT.	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY ELECTRICAL PANEL EQUAL EQUIPMENT ELECTRIC WATER COOLER EXISTING EXPOSED EXTERIOR	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O. MTL. N N.A.F. N.I.C. NO. N.T.S. NOM.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING METAL NO APPLIED FINISH NOT IN CONTRACT NUMBER NOT TO SCALE	T.S. T.W. T.O.P. TYP. U.N.O. UL UTIL. U.V. V V.C.T. VERT. VEST. V.I.F. V.T.R. W W. W/	TOP OF STEEL TOP OF WALL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY UNIT VENTILATOR VINYL COMPOSITION TILE VERTICAL VESTIBULE VERIFY IN FIELD VENT THROUGH ROOF WIDE/WIDTH WITH
i.C. i.J. i.L. i.LEC. i.LEV. iMER. i.P. i.Q. i.Q. iXIST. iXP. iXT.	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY ELECTRICAL PANEL EQUAL EQUIPMENT ELECTRIC WATER COOLER EXISTING EXPOSED EXTERIOR FIRE RESISTIVE FABRICATE/ FABRICATOR	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O. MTL. N N.A.F. N.I.C. NO. N.T.S. NOM.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING METAL NO APPLIED FINISH NOT IN CONTRACT NUMBER NOT TO SCALE NOMINAL	T.S. T.W. T.O.P. TYP. U.N.O. UL UTIL. U.V. V V.C.T. VERT. VEST. V.I.F. V.T.R. W W. W/ W.C.	TOP OF STEEL TOP OF WALL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY UNIT VENTILATOR VINYL COMPOSITION TILE VERTICAL VESTIBULE VERIFY IN FIELD VENT THROUGH ROOF WIDE/WIDTH WITH WATER CLOSET
i.C. i.J. i.L. i.LEC. i.LEV. iMER. i.P. i.Q. i.Q. iXIST. iXP. iXT.	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY ELECTRICAL PANEL EQUAL EQUIPMENT ELECTRIC WATER COOLER EXISTING EXPOSED EXTERIOR	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O. MTL. N N.A.F. N.I.C. NO. N.T.S. NOM.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING METAL NO APPLIED FINISH NOT IN CONTRACT NUMBER NOT TO SCALE NOMINAL	T.S. T.W. T.O.P. TYP. U.N.O. UL UTIL. U.V. V V.C.T. VERT. VEST. V.I.F. V.T.R. W W. W/ W.C. WD.	TOP OF STEEL TOP OF WALL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY UNIT VENTILATOR VINYL COMPOSITION TILE VERTICAL VESTIBULE VERIFY IN FIELD VENT THROUGH ROOF WIDE/WIDTH WITH WATER CLOSET WOOD
i.C. i.J. i.L. i.LEC. i.LEV. iMER. i.P. iQ. iQ.UIP. i.W.C. iXIST. iXP. iXT.	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY ELECTRICAL PANEL EQUAL EQUIPMENT ELECTRIC WATER COOLER EXISTING EXPOSED EXTERIOR FIRE RESISTIVE FABRICATE/ FABRICATOR	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O. MTL. N N.A.F. N.I.C. NO. N.T.S. NOM.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING METAL NO APPLIED FINISH NOT IN CONTRACT NUMBER NOT TO SCALE NOMINAL OVER ALL ON CENTER OUTSIDE DIAMETER OWNER FURNISHED/ CONTRACTOR	T.S. T.W. T.O.P. TYP. U.N.O. UL UTIL. U.V. V V.C.T. VERT. VEST. V.I.F. V.T.R. W W. W/ W.C. WD. W.H.	TOP OF STEEL TOP OF WALL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY UNIT VENTILATOR VINYL COMPOSITION TILE VERTICAL VESTIBULE VERIFY IN FIELD VENT THROUGH ROOF WIDE/WIDTH WITH WATER CLOSET WOOD WATER HEATER
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i.C. i.J. i.L. i.LEC. i.LEV. iMER. i.P. iQ. iQ.UIP. i.W.C. iXIST. iXP. iXT.	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY ELECTRICAL PANEL EQUAL EQUIPMENT ELECTRIC WATER COOLER EXISTING EXPOSED EXTERIOR FIRE RESISTIVE FABRICATE/ FABRICATOR FAN COIL UNIT FLOOR DRAIN	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O. MTL. N N.A.F. N.I.C. NO. N.T.S. NOM. O O.A. O.C. O.D.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING METAL NO APPLIED FINISH NOT IN CONTRACT NUMBER NOT TO SCALE NOMINAL OVER ALL ON CENTER OUTSIDE DIAMETER OWNER FURNISHED/ CONTRACTOR INSTALLED OWNER FURNISHED/ OWNER	T.S. T.W. T.O.P. TYP. U U.N.O. UL UTIL. U.V. V V.C.T. VERT. VEST. V.I.F. V.T.R. W W. W/ W.C. WD. W.H. W/O WT.	TOP OF STEEL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY UNIT VENTILATOR VINYL COMPOSITION TILE VERTICAL VESTIBULE VERIFY IN FIELD VENT THROUGH ROOF WIDE/WIDTH WITH WATER CLOSET WOOD WATER HEATER WITHOUT WEIGHT
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.CJ.F.S. LLEC. LEV. NGR. MERP. Q. QUIPW.C. XIST. XY. ABC.UDEE.C.	ELECTRICAL CONTRACTOR EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC/ELECTRICAL ELEVATOR/ELEVATION ENGINEER EMERGENCY ELECTRICAL PANEL EQUAL EQUIPMENT ELECTRIC WATER COOLER EXISTING EXPOSED EXTERIOR FIRE RESISTIVE FABRICATE/ FABRICATOR FAN COIL UNIT FLOOR DRAIN FIRE EXTINGUISHER FIRE EXTINGUISHER FIRE EXTINGUISHER FARENSION FINISH STATEMENT	M.C. M.D.F. MECH. MEP MFR. M.H. MIN. MISC. MTD. M.O. MTL. N N.A.F. N.I.C. NO. N.T.S. NOM. O O.A. O.C. O.D. O.F.C.I.	MECHANICAL CONTRACTOR MEDIUM DENSITY FIBERBOARD MECHANICAL MECH./ELECT./PLUMBING MANUFACTURER(ING) MANHOLE MINIMUM MISCELLANEOUS MOUNTED MASONRY OPENING METAL NO APPLIED FINISH NOT IN CONTRACT NUMBER NOT TO SCALE NOMINAL OVER ALL ON CENTER OUTSIDE DIAMETER OWNER FURNISHED/ CONTRACTOR INSTALLED OWNER FURNISHED/ OWNER	T.S. T.W. T.O.P. TYP. U U.N.O. UL UTIL. U.V. V V.C.T. VERT. VEST. V.I.F. V.T.R. W W. W/ W.C. WD. W.H. W/O WT.	TOP OF STEEL TOP OF WALL TOP OF PLATE TYPICAL UNLESS NOTED OTHERWISE UNDERWIRTERS LABORATORIES UTILITY UNIT VENTILATOR VINYL COMPOSITION TILE VERTICAL VESTIBULE VERIFY IN FIELD VENT THROUGH ROOF WIDE/WIDTH WITH WATER CLOSET WOOD WATER HEATER WITHOUT WEIGHT

NEW PROJECT FOR:

City of Evansville Parks and Recreation Department Wesselman Park Playground Restroom

602 N. Boeke Rd. Evansville, IN 47711



RENDERING

NOT TO SCALE



LOCATION MAP

NOT TO SCALE

PROJECT INFORMATION

PROJECT TEAM

<u>OWNER</u> EVANSVILLE PARKS AND CONTACT: - DANIELLE CROOK RECREATION DEPARTMENT 100 E WALNUT ST. EVANSVILLE, IN 47713

TELEPHONE: - 812.435.2536 EMAIL: -DCROOK@EVANSVILLE.IN.GOV

MORLEY

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MORLEY CONTACT: ROLAND SCHEEFF 4800 ROSEBUD LANE TELEPHONE: 812.464.9585 EMAIL: ROLANDS@MORLEYCORP.COM NEWBURGH, IN 47630

ARCHITECTURAL

CONTACT: DARREN MORLEY 4800 ROSEBUD LANE TELEPHONE: 812.464.9585 NEWBURGH, IN 47630 EMAIL: DARRENM@MORLEYCORP.COM

MECHANICAL AND PLUMBING

BC ENGINEERING INC. **501 CARPENTER STREET**

EVANSVILLE, IN 47708

CONTACT: BRUCE CONEN TELEPHONE: 812.424.7941 EMAIL: BCONEN@BCENG.COM

ELECTRICAL

BC ENGINEERING INC. CONTACT: BOB CAIN TELEPHONE: 812.424.7941 **501 CARPENTER STREET** EVANSVILLE, IN 47708 EMAIL: BCAIN@BCENG.COM

SHEET INDEX

PLUMBING

P101 Sanitary and Water Piping Plans

G001 General Project Information, Sheet Index, Location Map G101 Project Information, and Code Summary, Life Safety Plan, G102 ADA Accessibility Configurations

C102 Grading, Drainage, and Erosion Control Plan • S001 General Notes

S102 Framing Plan, Roof Framing Plan and Notes S401 Framing Elevations • S501 Foundation Details, Framing Details and Notes •

A001	General Notes, Door Types, Schedules, and Details	•
A101	Floor Plan, Interior Elevations, Symbols, Notes, and Wall Types	•
A111	Reflected Ceiling Plan, Lighting Schedule, Roof Plan, and Notes	•
A201	Exterior Elevations and Notes	•
A202	Exterior Elevations and Notes	•
A311	Wall Sections, Details, and Notes	•
A601	Finish Plan, Schedule, and Notes	•

P102	Specifications		
P103	Schedules and Details		
P104	Sanitary Piping Diagram		
MECH/	ANICAL HVAC Plans	•	
M101		•	
	HVAC Plans	•	

ELECTRICAL E101 Electrical Plans E102 Miscellaneous





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4800 Rosebud Ln., Newburgh, IN 47630 812.464.9585 Phone 812.464.2514 Fax morleycorp.com



Wesselman Park Playground Restroom

602 N. Boeke Rd. Evansville, IN 47711

General

General Project Information, Sheet Index, Location Map and Symbols

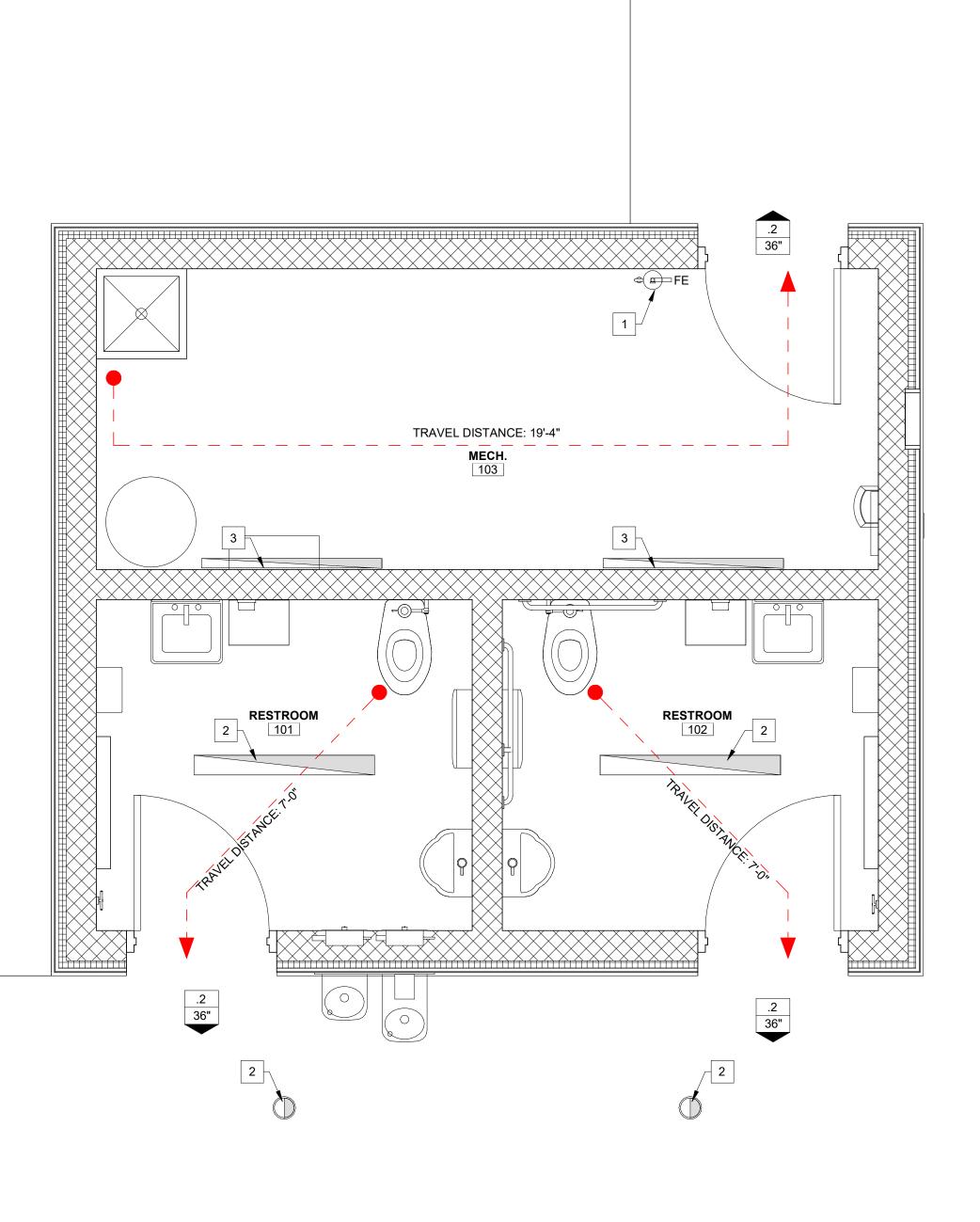
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Revisions				
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G001

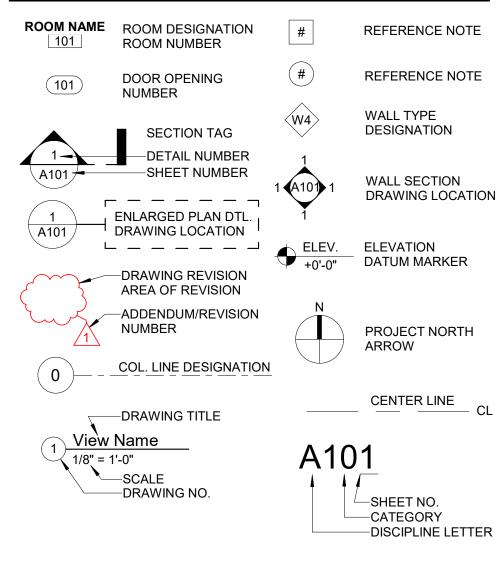






LIFE SAFETY PLAN

SYMBOL LEGEND



LIFE SAFETY LEGEND



LIFE SAFETY PLAN SHEET NOTES

1. SEE SHEET A001 FOR PROJECT GENERAL NOTES.

- 2. VERIFY COMPLIANCE OF FIRE RATING WITH CODES AND INSURANCE REQUIREMENTS.
- 3. ALL RATED ASSEMBLIES TO COMPLY WITH TESTED ASSEMBLY STANDARDS. (I.E. UL - UNDERWRITER LABORATORIES, INC.)
- 4. PROVIDE FIRE-RETARDANT TREATED WOOD FOR CONCEALED BLOCKING AND FOR EXPOSED LUMBER AND PLYWOOD IN HABITABLE
- 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
- DOOR SIZE
- THRESHOLD HEIGHTS DOOR HARDWARE DESIGN
- DOOR HARDWARE LOCATIONS HARDWARE ADJUSTMENTS
- WHEELCHAIR MANEUVERABILITY ACCESS AREAS.
- 6. 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

- WALL MOUNTED FIRE EXTINGUISHER AND BRACKET. 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 EGRESS WIDTH PER OCCUPANT 100 E WALNUT ST. **EVANSVILLE, IN 47713** TOTAL OCCUPANTS WESSELMAN PARK PLAYGROUND RESTROOM SERVED [1005.3.2] 551 N BOEKE RD EVANSVILLE, IN 47711 EXIT WIDTH PROVIDED 108 INCHES

= 0 HOUR

= 0 HOUR

USES: OCCUPANCY TYPE - "B" TOTAL BLDG AREA:

STORIES: 1 STORY

BLDG:

OCCUPANCY CLASSIFICATION

OCCUPANCY = "B" [SECTION 304]

CONSTRUCTION TYPES & FIRE RESISTANCE REQUIREMENTS

CONSTRUCTION TYPE = VB [602.5]

STRUCTURAL FRAME

PLAN FOR CLEAR DISTANCES.

BEARING WALLS (INTERIOR)

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

•	BEARING WALLS (EXTERIOR) NON-BEARING WALLS (EXTERIOR)	= 0 HOUR = 0 HOUR
	[FIRE SEPARATION DISTANCE EXCEEDS 30 FEET PER	TABLE 602]
•	NON-BEARING WALLS (INTERIOR) FLOOR CONSTRUCTION ROOF CONSTRUCTION	= 0 HOUR = 0 HOUR = 0 HOUR

REQUIRED FIRE SEPARATION DISTANCE = REFER TO GEOMETRIC SITE

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

= 1 HOUR • 00' - 05' = 1 HOUR • 05' - 10' = 1 HOUR • 10' - 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: SELECTIONS FROM "EGRESS WIDTH PER OCCUPANT SERVED" [TABLE 1005.1] BASED ON "WITHOUT SPRINKLER SYSTEM" REQUIREMENTS.

284 SF GROSS 100 SF NET = 3 OCCUPANTS

3 OCCUPANTS 3(.2 INCH) = 00.60 INCHES

EGRESS NOTES

- 1. EXIT ACCESS TRAVEL DISTANCE DOES NOT EXCEED 200 FEET IN ANY DIRECTION IN ACCORDANCE WITH TABLE 1016.2 (WITHOUT SPRINKLER SYSTEM).
- 2. 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 = <u>4A NONRESIDENTIAL</u> ASHRAE STANDARD 90.1-2007 **LOCATION & DESCRIPTION** U VALUE

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

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

(1) SERVICE SINK

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

<u>OCCUPANCY</u> <u>OCCUPANTS</u> # OF FIXTURES PROVIDED RESTROOM 3 OCCUPANTS (2) WATER CLOSET (2) LAVATORY (2) URINALS

No.11200132 STATE OF

ARCHITEC



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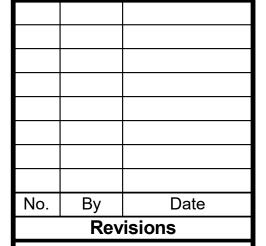


Wesselman Park Playground Restroom

602 N. Boeke Rd. Evansville, IN 47711

General

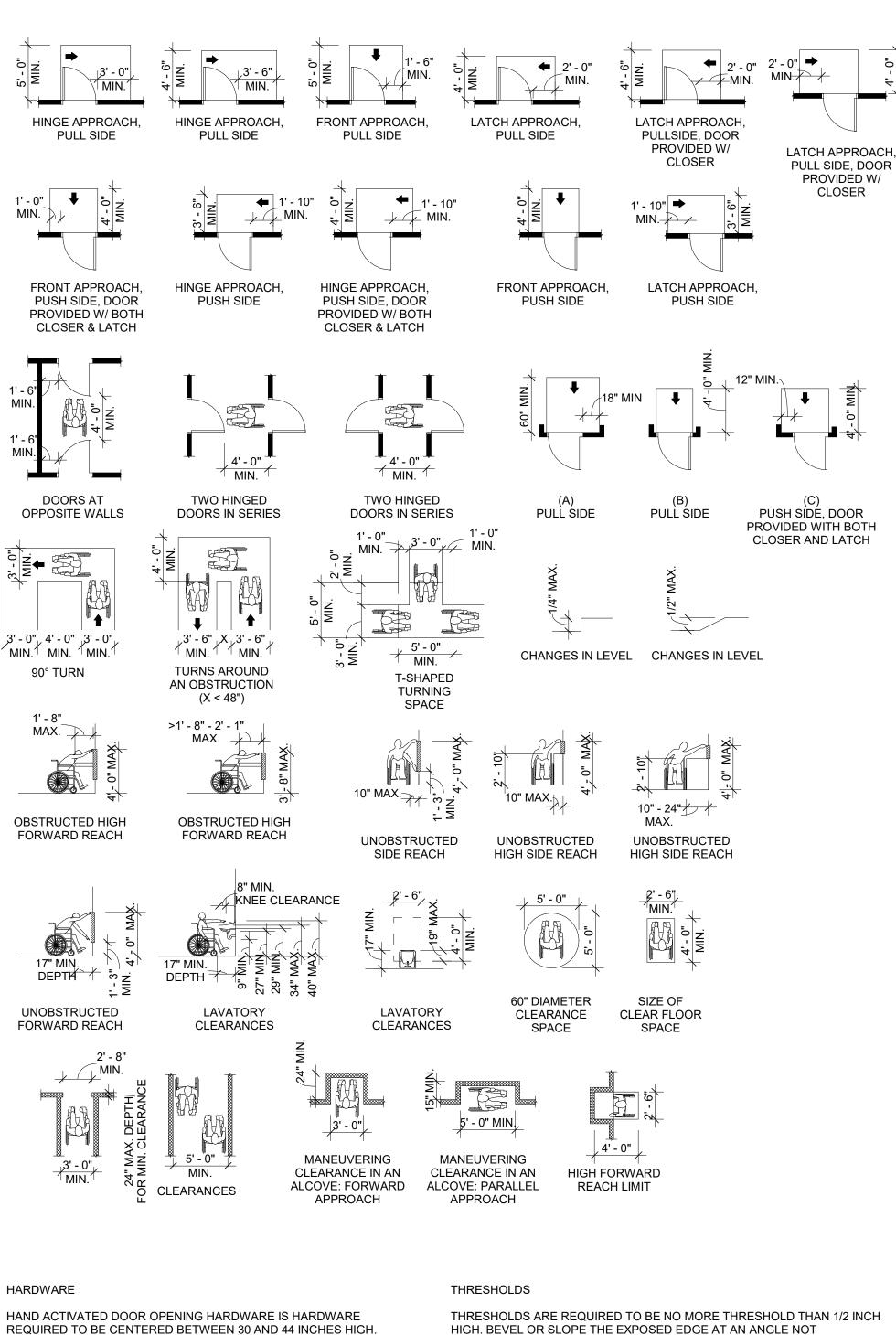
Project Information, and Code Summary, Life Safety Plan, Notes



Scale: As Noted 04089.1.004 BNB 07.23.2025

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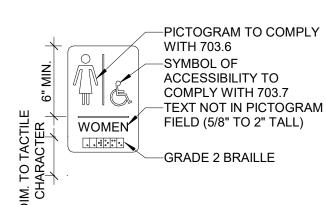
G101



INTERNATIONAL SYMBOLS FOR

12" MIN.

ACCESSIBILITY



INTERNATIONAL SYMBOL

OF

ACCESS FOR HEARING

IMPAIRED

PROPORTIONS FOR

INTERNATIONAL SYMBOLS

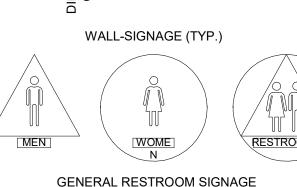
FOR ACCESSIBILITY

EXIT ROUTE

00000

12" MAX-

42" MIN.



INTERNATIONAL

TDD

SYMBOL

RAISED

000000

SIGN LOCATIONS:

LETTERS AND NUMBERS:

HEIGHT. (ADAAG SEC. 4.30.4)

1:10. (ADAAG SEC. 4.30.2)

PERMITTED. (ADAAG SEC. 4.30.3)

SECTION 703.4. (ICC/ANSI SEC. 703.4.1)

CHARACTERS OR SYMBOLS. (ICC/ANSI SEC. 703.4.4)

1. ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE IDENTIFIED WITH A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS. (ICC/IBC SEC. 1110)

1. LETTERS AND NUMERALS SHALL BE RAISED 1/32" (0.8 MM) MINIMUM, UPPERCASE,

BRAILLE. RAISED CHARACTERS SHALL BE AT LEAST 5/8" (16 MM) HEIGHT, BUT NO

THE BORDER DIMENSIONS OF THE PICTOGRAM SHALL BE 6" (152 MM) MINIMUM IN

BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO BETWEEN 1:5 AND

EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM

SANS-SERIF OR SIMPLE SERIF AND SHALL BE ACCOMPANIED WITH GRADE 2

HIGHER THAN 2" (50 MM). PICTOGRAMS SHALL BE ACCOMPANIED BY THE

2. LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO

3. THE CHARACTERS AND BACKGROUND OF SIGNS SHALL BE EGGSHELL, MATTE,

WITH THEIR BACKGROUND - EITHER LIGHT CHARACTERS ON A DARK

OR OTHER NON-GLARE FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST

BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND. (ADAAG SEC

CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE

5. BRAILLE SHALL BE CONTRACTED (GRADE 2) BRAILLE AND SHALL COMPLY WITH

6. BRAILLE SHALL BE BELOW THE CORRESPONDING TEXT. IF TEXT IS MULTILINED,

SEPARATED 3/8" (9.5 MM) MIN. FROM ANY OTHER TACTILE CHARACTERS AND 3/8"

(9.5 MM) MIN. FROM RAISED BORDERS AND DECORATIVE ELEMENTS. BRAILLE

PROVIDED ON ELEVATOR CAR CONTROLS SHALL BE SEPARATED 3/16" (4.8 MM)

MIN. EITHER DIRECTLY BELOW OR ADJACENT TO THE CORRESPONDING RAISED

BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRAILLE SHALL BE

MEASURED USING AN UPPER CASE X. LOWER CASE CHARACTERS ARE

VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MINIMUM HEIGHT IS

- WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACE ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 60" (1525 MM) ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3" (76 MM)OF THE SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR. (ADAAG SEC. 4.30.6)
- 3. ADDITIONAL DIRECTIONAL SIGNS ALONG ACCESSIBLE PATH OF TRAVEL ARE REQUIRED. (ICC/IBC SEC. 1110)
- 4. BUILDINGS REMODELED TO PROVIDE ACCESSIBLE SANITARY FACILITIES FOR PUBLIC USE SHALL HAVE INFORMATION POSTED IN THE LOBBY AS PART OF THE BUILDING DIRECTORY.

INTERNATIONAL SYMBOL OF ACCESSIBILITY:

- 1. STANDARD USED TO IDENTIFY ACCESSIBLE FACILITIES.
- 2. WHITE FIGURE ON BLUE BACKGROUND, COLOR # 15090 ON FEDERAL STANDARD #
- 3. WHEN ENFORCING AGENCY DETERMINES, IF APPROPRIATE, SPECIAL DESIGNS AND COLORS MAY BE APPROVED.

BRAILLE: (ICC/ANSI TABLE 703.4.3

24" MIN.—

- DOTS TO BE 0.09" (2.3 MM) TO 0.1" (1.5 MM) ON CENTER IN EACH CELL 2. 0.241" (6.1 MM) TO 0.3" (7.6 MM) SPACE BETWEEN CELLS HORIZONTALLY
- 3. 0.395" (10.0 MM) TO 0.4" (10.2 MM) SPACE BETWEEN CELLS HORIZONTALLY. 4. DOTS RAISED 0.025" (0.6 MM) TO 0.037" (0.9 MM) ABOVE BACKGROUND.

MOUNTED SIGNAGE:

A. DOOR MOUNTED SIGNAGE:

- (UNISEX) -12" DIAMETER CIRCLE 1/4" THICK WITH 1/4" THICK TRIANGLE SUPERIMPOSED WITHIN CIRCLE.
- 2. THE CHARACTERS AND BACKGROUND OF THE SIGN IS EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH AND THE COLOR AND THE CONTRAST OF THE SIGN DISTINCTIVELY CONTRASTS WITH THE COLOR AND CONTRAST OF THE
- SIGNS ARE CENTERED ON THE DOOR 60" FROM THE FLOOR.

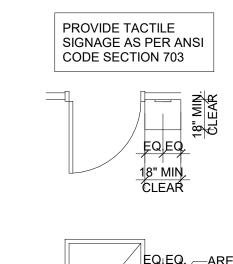
B. WALL MOUNTED SIGNS

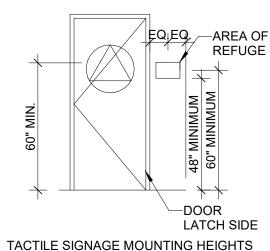
PREFERABLY ON RIGHT.

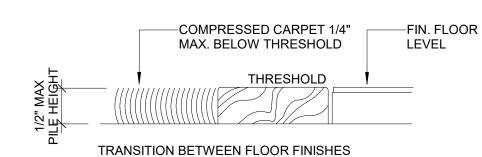
- 1. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY IS INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. THE BORDER DIMENSION SHALL BE A MINIMUM OF 6" IN HEIGHT. NOTE: IF NO WALL SPACE IS AVAILABLE, SIGN IS TO BE PLACED ON THE NEAREST ADJACENT WALL
- P. VERBAL DESCRIPTION AS TO REST ROOM USAGE (I.E. MEN'S REST ROOM) IS TO BE PLACED DIRECTLY BELOW THE SYMBOL OF ACCESSIBILITY.
- 3. THE CHARACTER AND BACKGROUND OF THE SIGN IS EGGSHELL, MATTE, OR OTHER NON -GLARE FINISH AND THE COLOR AND THE CONTRAST OF THE SIGN DISTINCTIVELY CONTRASTS WITH THE COLOR OF THE WALL.

NOTE: THE REQUIRED COLOR OF THE SYMBOL OF ACCESSIBILITY CONSISTS OF A WHITE FIGURE ON A BLUE BACKGROUND

- 1. SIGNS ARE CENTERED ON THE WALL 60" FROM THE FLOOR.
- 2. LETTERS AND NUMERALS ARE RAISED 1/32", SANS-SERIF UPPERCASE CHARACTERS AND ARE ACCOMPANIED BY GRADE 2 BRAILLE. CHARACTERS ARE MINIMUM 5/8" HIGH AND A MAXIMUM OF 2" HIGH.
- 3. MOUNTING LOCATION ALLOWS A PERSON TO APPROACH WITHIN 3" OF THE SIGN WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.







1

DOOR THRESHOLD

LEVEL CHANGES

1. 1/2" MAXIMUM TOTAL HEIGHT WITH 1/4" MAXIMUM

2. 1:2 SLOPED BEVEL REQUIRED IF LEVEL CHANGE IS

RAMPED AND COMPLY WITH RAMP REQUIREMENTS.

DRINKING FOUNTAIN NOTES FOR LOW DRINKING FOUNTAIN:

. THE SPOUT SHALL PROVIDE A FLOW OF WATER AT LEAST 4" HIGH SO AS TO ALLOW THE INSERTION OF A CUP OR GLASS UNDER THE FLOW OF WATER.

MINIMUM CLEAR FLOOR SPACE 30" X 48" TO ALLOW A PERSON IN A WHEEL- CHAIR TO APPROACH THE UNIT

FOUNTAIN BACK TOWARDS THE WALL; IF A MIN. 9" OF TOE CLEARANCE IS PROVIDED, A MAX. OF 6" OF THE 48" OF CLEAR FLOOR SPACE REQUIRED AT THE FIXTURE MAY EXTEND INTO THE TOE SPACE.

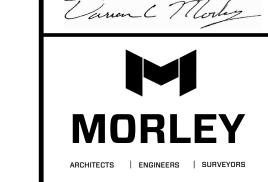
2. CONTROLS SHALL BE FRONT MOUNTED OR SIDE MOUNTED NEAR THE FRONT EDGE. SPOUTS SHALL BE NO HIGHER THAN 36" MEASURED FROM THE FLOOR OR GROUND

3. LEVEL CHANGES OF MORE THAN 1/2" MUST BE

VERTICAL CHANGE AT EDGE.

OVER 1/4" VERTICAL.

NOTES:



No.11200132

STATE OF

ARCHITE

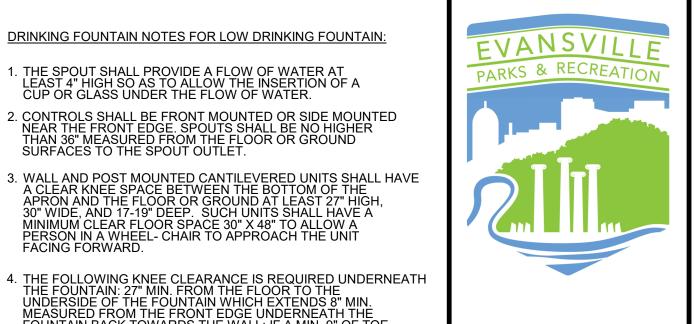
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copy shall govern.

limensions and conditions shown by these drawing If differences exist between electronic files and

he signed and sealed hard copy drawings, the hard



Wesselman Park Playground Restroom

602 N. Boeke Rd.

Evansville, IN 47711

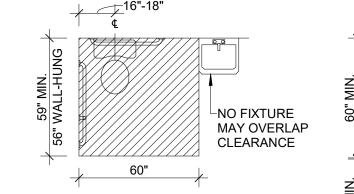
General **ADA Accessibility**

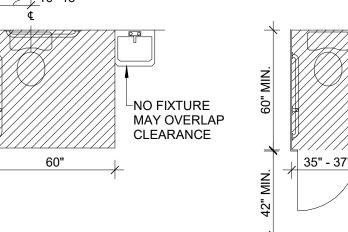
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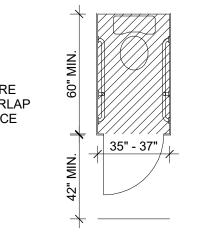
No. By Date Revisions Scale: As Noted DCM 04089.1.004

07.23.2025

ALL BATHROOM FIXTURES AND ACCESSORIES TO BE INSTALLED IN COMPLIANCE WITH CURRENT ADA GUIDELINES AND MANUF. WRITTEN RECOMMENDATIONS. IF CONFLICT OF INSTALLATION OCCURS CONTRACTOR TO COORDINATE WITH ARCHITECT.





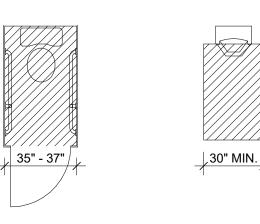


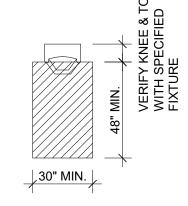
ACCESSIBLE TOILET

COMPARTMENT

MIN

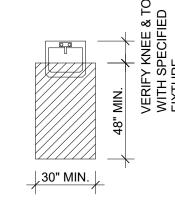
URINALS





URINAL CLEARANCE

LAVATORIES

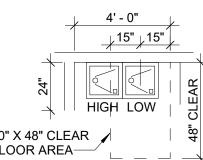


LAVATORY CLEARANCE

8" MIN KNEE 6" MAX TOE CLEARANCE

LAVATORIES

17" MIN.



30" X 48" CLEAR FLOOR AREA—

DRINKING FOUNTAIN PLAN

FOUNTAIN-

DRINKING FOUNTAIN **ELEVATION**

, EQ. , EQ. TOILET $\langle D \rangle$ COAT C ELECTRIC SANITARY SOAP TOILET (G) CHANGING H) TISSUE) HOOK) NAPKIN DISPOSAL / HAND $^{/}$ DISPENSER COVER (WOMEN'S ONLY) STATION

HIGH. BEVEL OR SLOPE THE EXPOSED EDGE AT AN ANGLE NOT EXCEEDING 45 DEGREES SO THAT NO SINGLE VERTICAL CHANGE OF ELEVATION EXCEEDS 1/4" INCH.

- 1. EXIT DOORS, TOILET ROOM AND CHANGING ROOM DOOR TO BE OPERABLE FROM INSIDE WITHOUT SPECIAL KNOWLEDGE, FORCE OR NEED OF KEY.
- 2. SEE SPECIFICATION SHEET FOR RESPONSIBILITIES.
- 3. ALL HARDWARE TO BE LEVER TYPE.

LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL HAVE TO BE OPERABLE WITH A

PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO

OPENING HARDWARE. LOCKED EXIT DOORS ARE REQUIRED TO

EXCEED 8.5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR

INTERIOR DOORS. REQUIRED FIRE DOORS MAY REQUIRED UP TO 15

POUNDS PRESSURE. THE PRESSURE IS TO BE MEASURED AT RIGHT

ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING

OPERATORS MAY BE UTILIZED TO MEET THE REQUIREMENTS. IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER

SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70

POINT 3 INCHES (75 mm) FROM THE LATCH, MEASURED TO THE

DEFINED AS, "...ANY ENTRANCE TO A FACILITY WHICH HAS A

SUBSTANTIAL FLOW OF PEDESTRIANS TO ANY SPECIFIC MAJOR

AS A REQUIRED ENTRANCE FOR THE HANDICAPPED. RECESSED DOORMATS ARE REQUIRED TO BE ANCHORED TO PREVENT

INTERFERENCE WITH WHEELCHAIR TRAFFIC. REQUIRED EXIT

FUNCTION OF THE FACILITY." REVOLVING DOORS CAN NOT BE USED

DOOR WIDTHS & HEIGHTS REQUIRED TO HAVE A CLEAR OPENING NOT

LESS THAN 32 INCHES WIDE. FOR HINGED DOORS, THE OPENING IS MEASURED WITH THE DOOR AT A 90 DEGREE ANGLE FROM ITS

CLOSED POSITION, AT LEAST ONE OF A PAIR OF DOORS, INCLUDING

AUTOMATIC DOORS, HAS TO PROVIDE THE 32 INCH CLEAR OPENING.

DOOR HEIGHTS ARE REQUIRED TO BE A MINIMUM OF 80 INCHES.

OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR

DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A

ALL PRIMARY ENTRANCES TO BUILDINGS AND ENTRANCES FACILITIES ARE REQUIRED TO BE MADE ACCESSIBLE. A PRIMARY ENTRANCE IS

MAXIMUM EFFORT TO OPERATE DOORS CANNOT

LEADING EDGE OF THE DOOR.

CLOSERS

DOORS

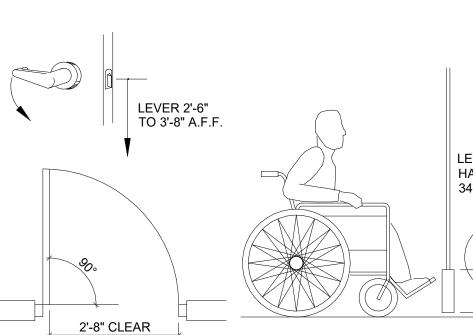
DOORWAYS ARE

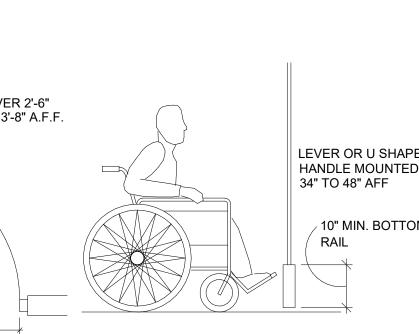
SINGLE EFFORT BY LEVER TYPE HARDWARE, BY PANIC BARS, PUSH-

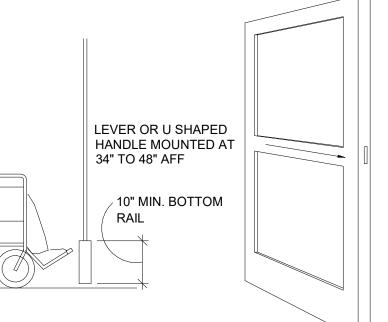
PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE

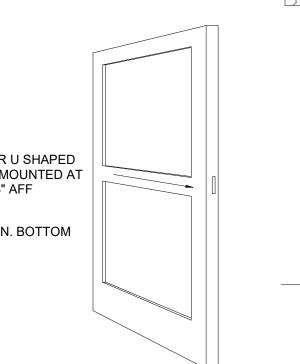
OPERATE AS DESCRIBED ABOVE IN THE DIRECTION OF EGRESS. THE

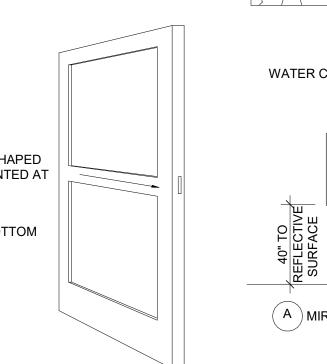
ALL BUILDINGS ENTRANCES THAT ARE ENTRANCE SIGNS ACCESSIBLE TO AND USABLE BY PHYSICALLY HANDICAPPED PERSONS SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.

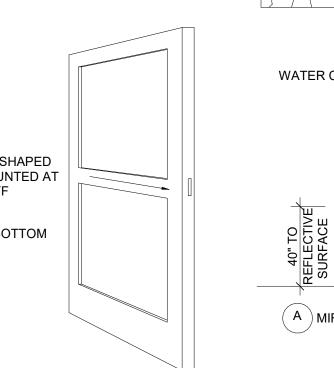


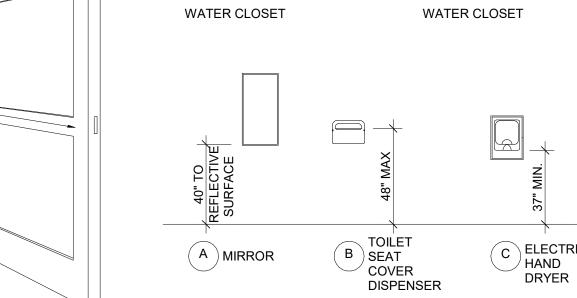


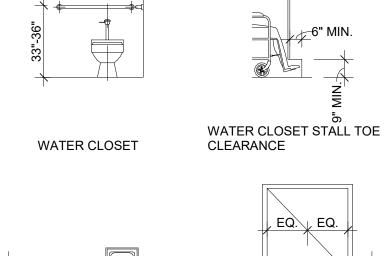


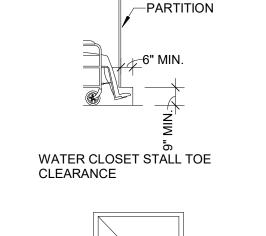






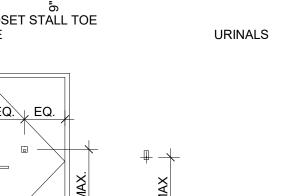


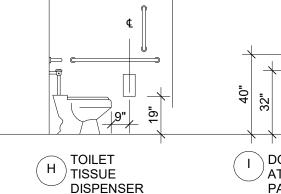


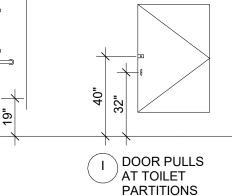


WATER CLOSET

CLEARANCE

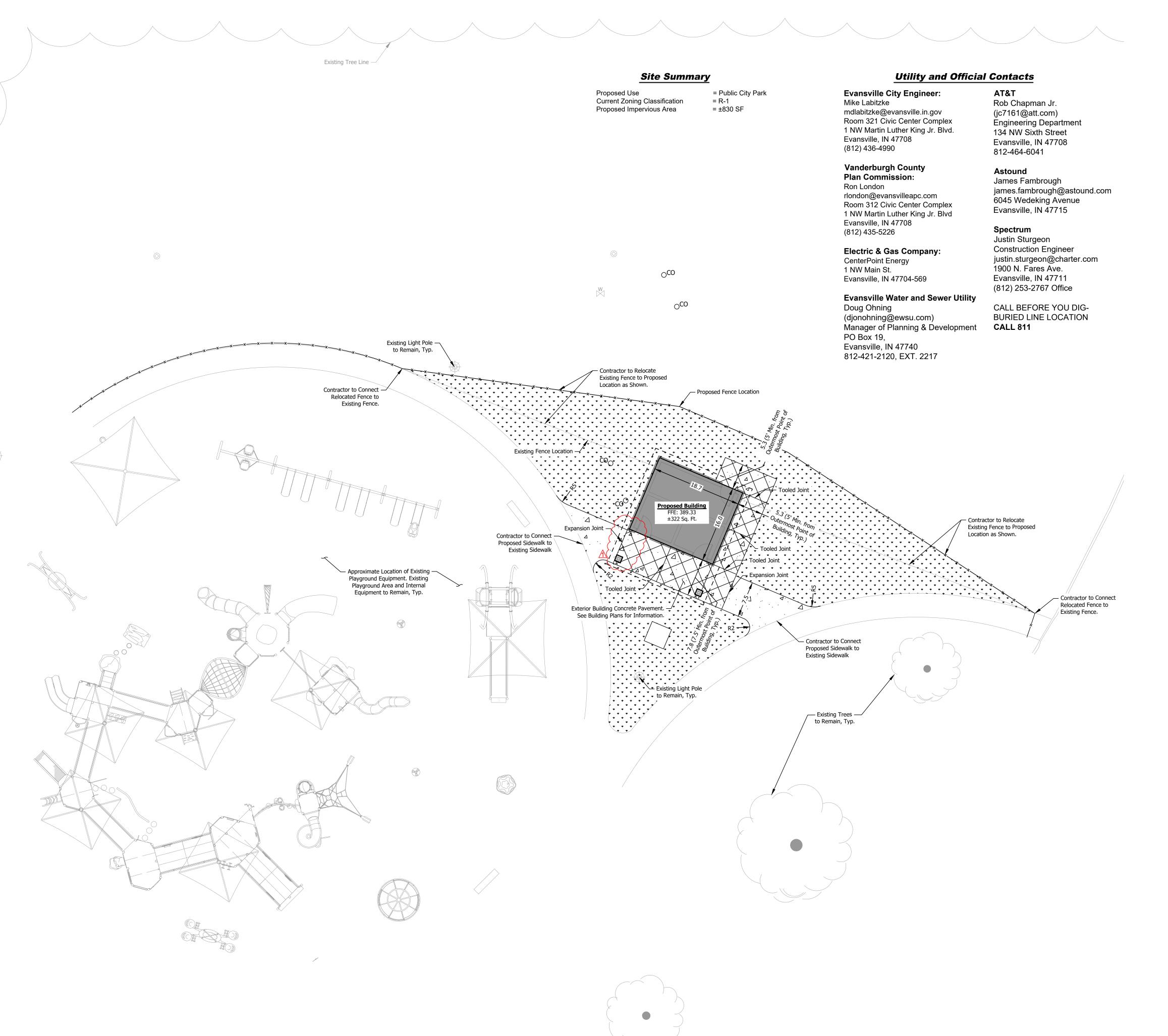


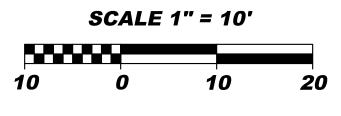


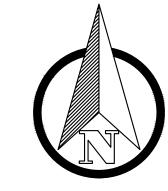


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G102







General Notes

- 1. 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. 2. 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
- 3. 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. 4. Do not scale drawings. Consult engineer regarding any conflicts.
- 5. Verify all existing grades and construction as it relates to the new construction. Notify the engineer of any discrepancies prior to construction.
- 6. Verify all critical dimensions within and/or related to the existing construction. Notify the engineer of any discrepancies prior to construction.
- 7. When a conflict occurs in the working drawings, specifications, written or verbal directives of the
- consultant the most restrictive requirement presides.
- 8. Bring coordination issues to engineer's attention prior to commencement of related activities. 9. 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. 10. 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. 11. Contractor to even grading in adjacent areas as needed where demolition occurs.
- 12. Any voids created by demolition shall be backfilled and compacted in maximum 8" lifts (typ.). 13. General Contractor to contract with Morley for all construction staking. Minimum staking to be provided for rough grading limits and equipment/foundation layout.

Demolition Notes

- 1. The contractor shall take all necessary precaution, when removing exiting infrastructure, for protection of existing vegetation, utilities and other improvements which are not specifically necessary to be removed. The contractor shall be fully responsible for repairing or replacing at his/her sole cost any items which are damaged or destroyed during construction operations. Replacement shall be with
- 2. The contractor will be required to completely remove certain existing paving, and portions of curb as required to integrate new construction and relocations. Contractor shall conduct operations in a manner to minimize the disturbance of the material existing beneath the pavement and surrounding
- 3. The contractor shall prevent debris, dust, and dirt from leaving the site. If unable to prevent, the contractor shall clean all adjacent areas of debris caused by demolition operations and return adjacent areas to conditions existing prior to start of work.
- 4. Transport all waste materials from demolished structures and construction operations with appropriate vehicles and dispose off-site in areas which are approved for disposal by governing authorities.
- Immediately remove debris falling from transport vehicles which fall on street and sidewalk surfaces. 5. The contractor shall contact all utilities and coordinate the 'shut off' procedures needed before commencing the connection or disconnection of any utility service. The contractor shall work with the
- Owner and the utilities in order to complete the installations and removal. The contractor shall coordinate with the Owner for the tie in locations of all utilities. The utilities shall be capped and marked in a location that is within 4' of the proposed tie in.
- 6. Contractor is cautioned that there may be existing sidewalks, curbs, concrete slabs, etc. which are buried, covered with vegetation or not readily exposed to view. All items which interfere with any new construction shall be removed.
- 7. Upon demolition and removal of existing infrastructure, if contaminated sub-soil, aggregate base, hazardous waste material, etc. is exposed, the Contractor shall immediately stop work, notify the Owner and contact a licensed hazardous waste contractor licensed in the State of Indiana and Indiana
- Environmental Protection Agency to coordinate removal and disposal of all hazardous waste. 8. All holes and depressions from removal of utilities, structures, and pavements shall be backfilled under the direction and guidance of the Owner's Geotechnical Engineer.
- 9. No burning or burying of debris will be allowed on site.
- 10. Contractor to install the appropriate erosion control devices to prevent debris, dust, and dirt, from
- 11. The contractor shall provide temporary barriers and any other security devices needs to safely contain
- 12. Contractor shall coordinate with Owner for demolition and salvage of any miscellaneous items on site.
- 13. Contractor to cut, remove, and undercut any areas of failing subgrade. 14. Contractor to protect trees and root systems. Roots within the excavation area should be cut using
- sharp choppers or a sharp hand saw. Avoid tearing roots with equipment. Make clean cuts when cutting roots. Do not leave ragged edges on the roots end. Try not to harm roots by digging or compaction with equipment.
- 15. Contractor to confirm disposal of all removed equipment with City of Evansville Parks and Recreation
- 16. Any voids created by demolition shall be backfilled and compacted in maximum 8" lifts (typ.).

Proposed Legend

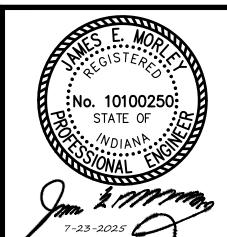
	Building Footprint		Building Overhang
	Building Concrete Pavement	—	Relocated Fence
	Concrete Sidewalk	COO	Nyloplast Drain Ba Sanitary Cleanout
* * * * *	Lawn		

Existing Legend

*	Air Conditioner Unit		Center Line
A	Area Drain		Easement Line Fence Line
11111	Curb Inlet		Flow Line
E	Electric Junction Box		Property Boundary Line Right-of-way Line
E	Electric Meter	•	Found Monument as shown
Trans	Electric Transformer	(C) Cd.	Calculated Dimension Card
<u></u>	Light Pole	D.R.	Deed Record
⊙P.B.	Pipe Bollard	Dr. E	Drawer East
	Sign	(Fnd)	Found
(D)	Storm Sewer Manhole	Inst. N	Instrument North
$\stackrel{\circ}{\diamondsuit}$	Octo Occurrence Demand Hear	Pg.	Page
(X)	See Surveyor's Report Item	R (R)	Range Record Dimension
		S	South
		T	Township
		W	West

Backfill Note:

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





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precedence over scale dimensions. Contractors sha

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Wesselman Park

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Playground Restroom

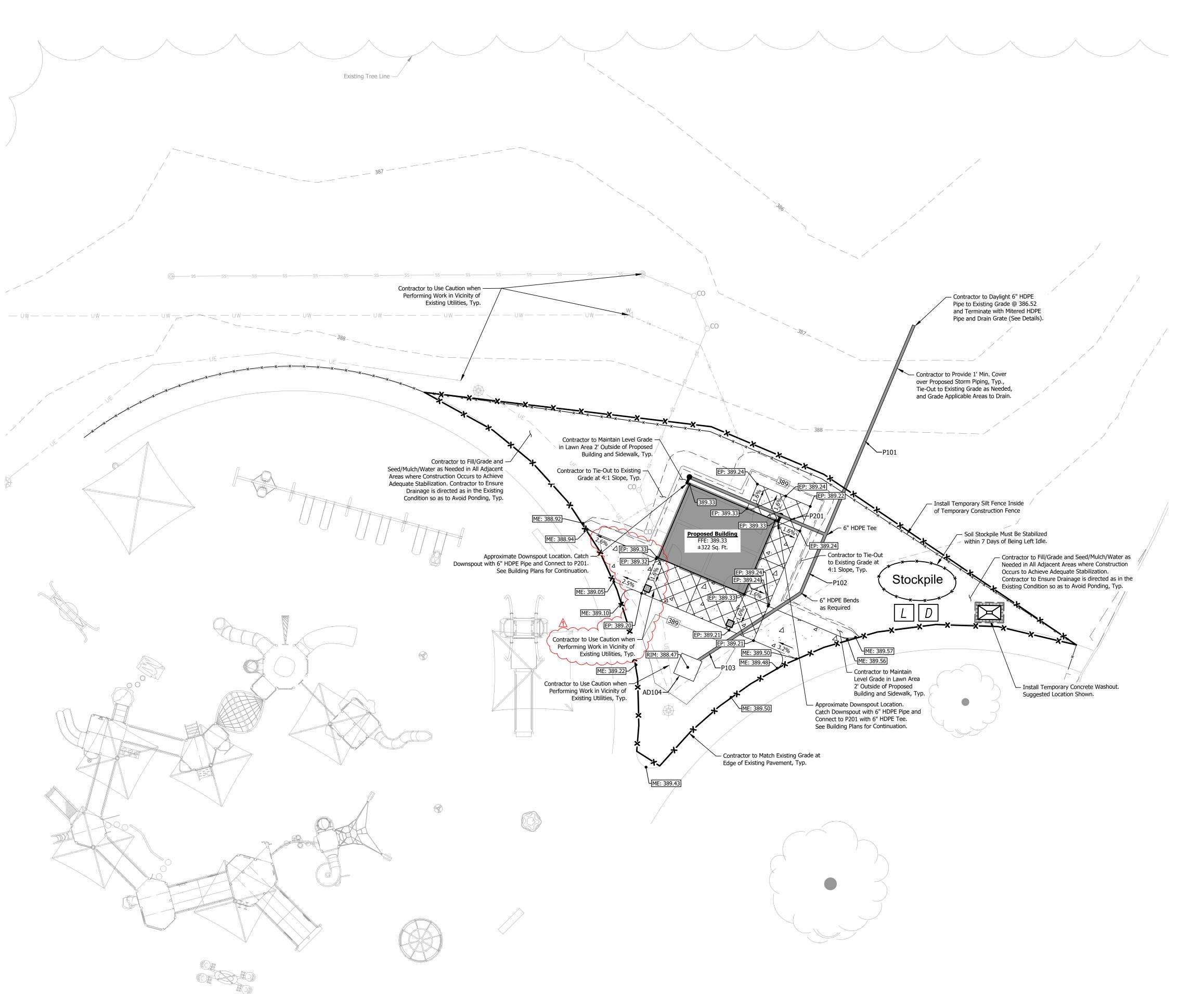
Civil

Site Plan

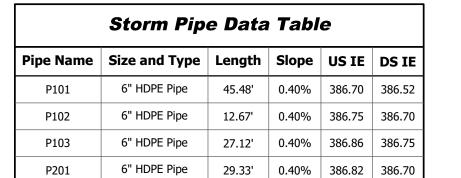
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Rev	isions		
Scale: 1" = 10'			
By: JEM	Job Number: 04089.1.004-B		
KJL	Date: 06.30.2025		

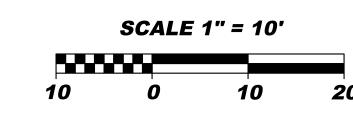
4089 Civil Base 2025

C101



Storm Structure Data Table				
Name	Description	Pipes In	Pipes Out	AD / MH = Rim CI = FG
AD104	Nyloplast Yard Drain with Domed Grate		P103 (6" HDPE, I.E. = 386.86)	Per Plan
DPE Bend	-	P103 (6" HDPE, I.E. = 386.75)	P102 (6" HDPE, I.E. = 386.75)	Per Plan
IDPE Tee	-	P102 (6" HDPE, I.E. = 386.70) P201 (6" HDPE, I.E. = 386.70)	P101 (6" HDPE, I.E. = 386.70)	Per Plan







General Notes

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- 2. 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
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- compaction of new material in these areas may be required to prevent future settlement. 11. Contractor to even grading in adjacent areas as needed where demolition occurs. 12. Any voids created by demolition shall be backfilled and compacted in maximum 8" lifts (typ.).
- 13. General Contractor to contract with Morley for all construction staking. Minimum staking to be provided for rough grading limits and equipment/foundation layout.

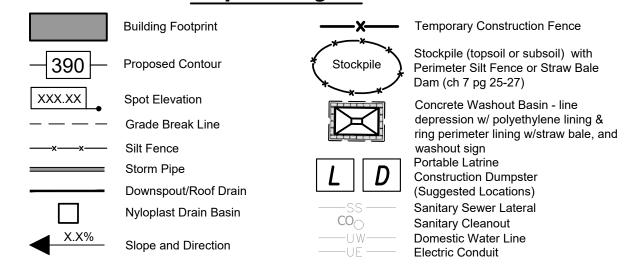
General Grading and Drainage Notes

- 1. All maximum earthwork graded slopes is 3:1 unless otherwise noted on plans.
- 2. Minimum pavement slope = 0.5%.
- 3. All surfaces shall be graded to drain.
- 4. Local, state, and national laws and guidelines shall take precedence over design information if in conflict. Contractor shall inform client and Morley and Associates, Inc. in writing if any conflicts arise.
- 5. Slope grades to direct water away from buildings and prevent ponding. 6. All areas of new facilities shall comply with the Americans with Disabilities Act (ADA) Accessibility
- 7. Any existing unconsolidated fill and/or utility trenches shall be tested for compaction prior to paving
- and/or slab construction. Excavation of unconsolidated material and compaction of new material in
- these areas may be required to prevent future settlement. 8. All final graded areas shall be smooth and free of any ruts, rocks, debris or irregularities

ADA Accessibility Guidelines

- 1. All areas of new facilities and altered portions of existing facilities shall comply with the American
- with Disabilities Act (ADA) Accessibility Guidelines. 2. Contractor and materials 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. 3. Material specifications shall be in conformance with applicable portions of the state highway
- standard specifications, (latest edition) unless specifically stated otherwise on these plans, contract documents or local code.
- 4. Maximum slope for ADA accessible route shall be 1:20 (5.0%). The minimum clear width shall be
- Slopes greater than 1:20 (5.0%) shall be considered a ramp.
- 6. Maximum slope for a ramp shall be 1:12 (8.33%), but shall not require a ramp length to exceed 30
- 7. Ramps shall be equipped with handrails on both sides if the rise is greater than 6 inches or if the ramps length is greater than 6 feet.
- Maximum cross slopes shall be 1:50 (2.0%). 9. Landings shall be incorporated in ramps so that the maximum vertical rise between landings is no
- 10. Landings shall be a minimum of 60 inches in length and as wide as the ramp (36 inches min.). Landings at a change in direction shall be 60 inches wide and 60 inches long (min.).
- 11. Maximum slope in an ADA parking space and its aisle shall be 1:50 (2.0%).

Proposed Legend

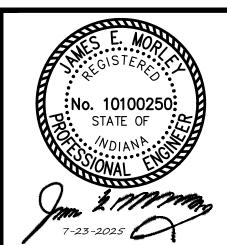


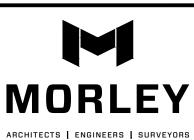
Fristina Legend

	Existing L	egena	
*	Air Conditioner Unit		Center Line
Α	Area Drain		Easement Line Fence Line
11111	Curb Inlet		Flow Line
Е	Electric Junction Box		Property Boundary Line Right-of-way Line
Е	Electric Meter	•	Found Monument as shown
Trans	Electric Transformer	(C) Cd.	Calculated Dimension Card
; \ / :	Light Pole	D.R.	Deed Record
⊙P.B.	Pipe Bollard	Dr. E	Drawer East
	Sign	(Fnd) Inst.	Found Instrument
D	Storm Sewer Manhole	N	North
\triangle		Pg.	Page
(X)	See Surveyor's Report Item	R	Range
		(R)	Record Dimension
		S	South
		Т	Township
		۱۸/	Most

Backfill Note:

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





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recedence over scale dimensions. Contractors sha verify and be responsible for all dimensions and conditions on the job and Morley and Associates, Inc nust be notified of any variations from the dimension d conditions shown by these drawings. If differences exist between electronic files and the signed and sealed hard copy drawings, the har copy shall govern.

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Wesselman Park Playground Restroom

602 N. Boeke Rd. Evansville, IN 47711

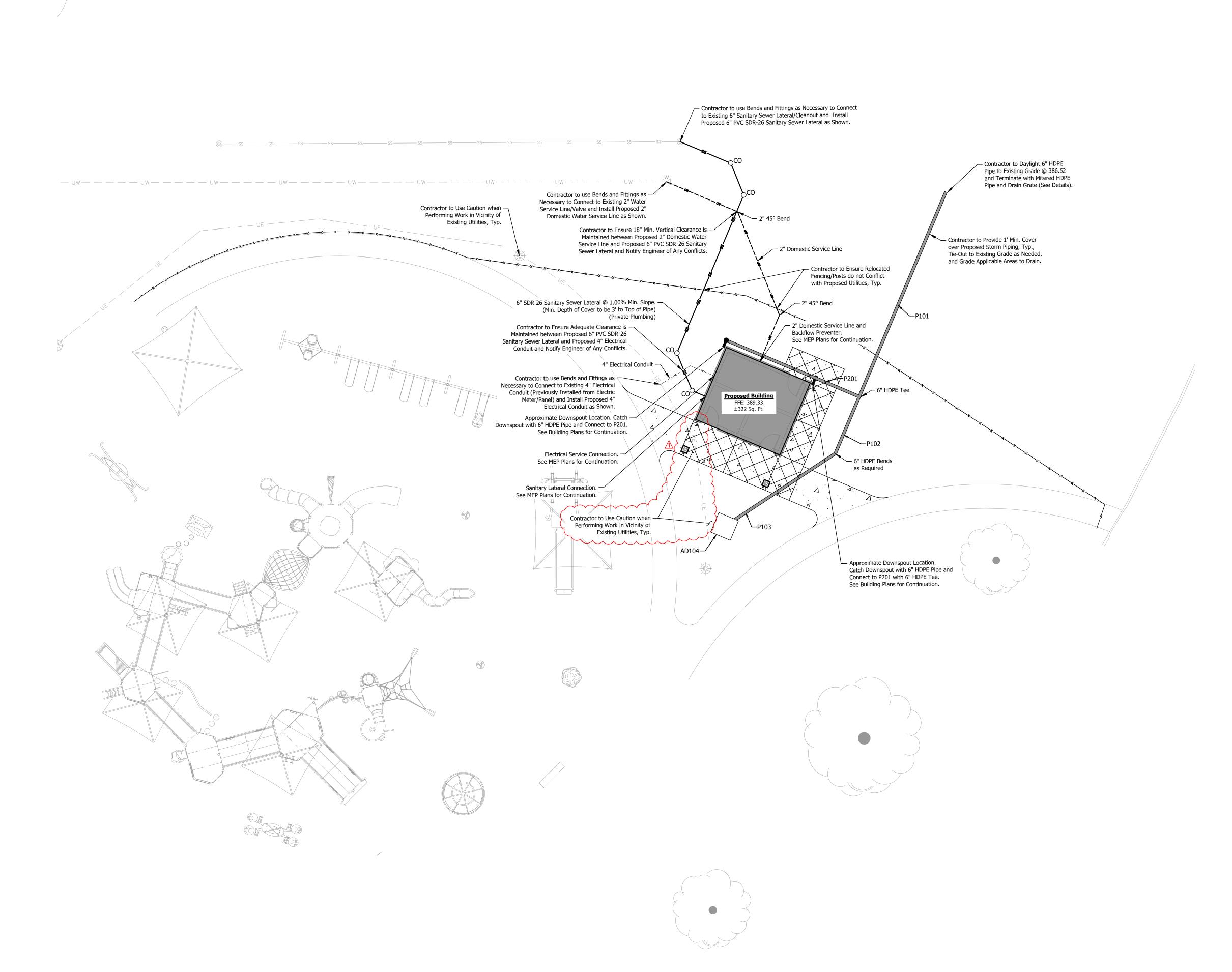
Civil

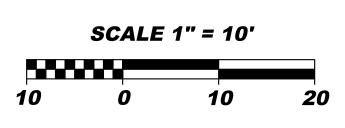
Grading, Drainage, and **Erosion Control Plan** ⚠ | KJL | 07/23/2025 Ву Date Revisions

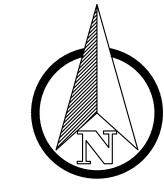
Scale: 1" = 10' 04089.1.004-E

06.30.2025 4089 Civil Base 2025

C102







General Notes

- 1. 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. 2. 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 3. 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. 4. Do not scale drawings. Consult engineer regarding any conflicts.
- 5. Verify all existing grades and construction as it relates to the new construction. Notify the engineer of any discrepancies prior to construction.
- 6. Verify all critical dimensions within and/or related to the existing construction. Notify the engineer of any discrepancies prior to construction.
- 7. When a conflict occurs in the working drawings, specifications, written or verbal directives of the consultant - the most restrictive requirement presides.
- 8. Bring coordination issues to engineer's attention prior to commencement of related activities.
- 9. 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.
- 10. 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.
- 11. Contractor to even grading in adjacent areas as needed where demolition occurs.
- 12. Any voids created by demolition shall be backfilled and compacted in maximum 8" lifts (typ.). 13. 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

- 1. All work shall be done in accordance with the most current version of the local utility provider's requirements and
- 2. 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
- 3. Contractor shall refer to all applicable architectural and building plans and verify all utility connections prior to commencing work.
- 4. Minimum of 18" vertical and 10 feet horizontal clearance between existing waterlines and proposed sanitary and
- 5. 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.
- 6. All cleanouts shall have a rim elevation lower than the finish floor elevation of the structure.
- 7. All lateral services must have a cleanout installed within 3' of the exterior of the building being serviced. 8. All cleanouts shall be 6" in diameter.
- 9. 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.

ARCHITECTS | ENGINEERS | SURVEYORS

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than the project. They shall not be disclosed to or be

Written dimensions on these drawings shall have

precedence over scale dimensions. Contractors shall verify and be responsible for all dimensions and

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must be notified of any variations from the dimensions and conditions shown by these drawings.

If differences exist between electronic files and

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copy shall govern.

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Wesselman Park Playground Restroom

602 N. Boeke Rd. Evansville, IN 47711

Proposed Legend

Building Footprint	Sanitary Sewer Later CO Sanitary Cleanout
Relocated Fence Storm Pipe	——UW—— Domestic Water Line
Downspout/Roof Drain	——UE —— Electric Conduit
Nyloplast Drain Basin	

Existing Legend

*	Air Conditioner Unit		Center Line
Ā	Area Drain		Easement Line
1A	Area Drain	××	Fence Line
1111	Curb Inlet		Flow Line
			Property Boundary Line
E	Electric Junction Box		Right-of-way Line
Е	Electric Meter	•	Found Monument as shown
Trans	Electric Transformer	(C)	Calculated Dimension
	Licotile Transformer	Cd.	Card
\	Light Pole	D.R.	Deed Record
D.B.	D: D	Dr.	Drawer
o ^{P.B.}	Pipe Bollard	E	East
	Sign	(Fnd)	Found
	J.g	Inst.	Instrument
(D)	Storm Sewer Manhole	N	North
^		Pg.	Page
$\langle \mathbf{x} \rangle$	See Surveyor's Report Item	R	Range
_		(R)	Record Dimension
		S	South
		Т	Township
		W	West

Backfill Note:

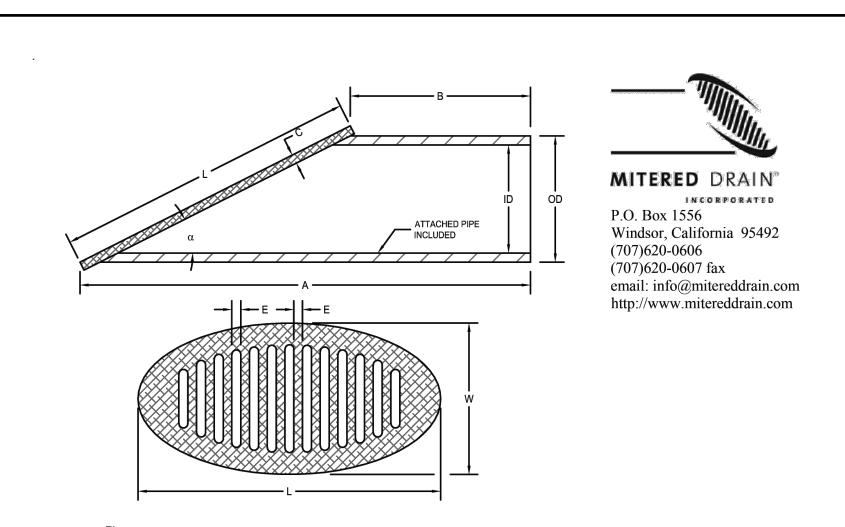
Any voids created by demolition shall be backfilled and compacted in maximum 8" lifts (Typ.).



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<u> </u>	KJL	07/23/2025					
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	Rev	isions					
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vn By:	KJL	Date: 06.30.2025					

4089 Civil Base 2025

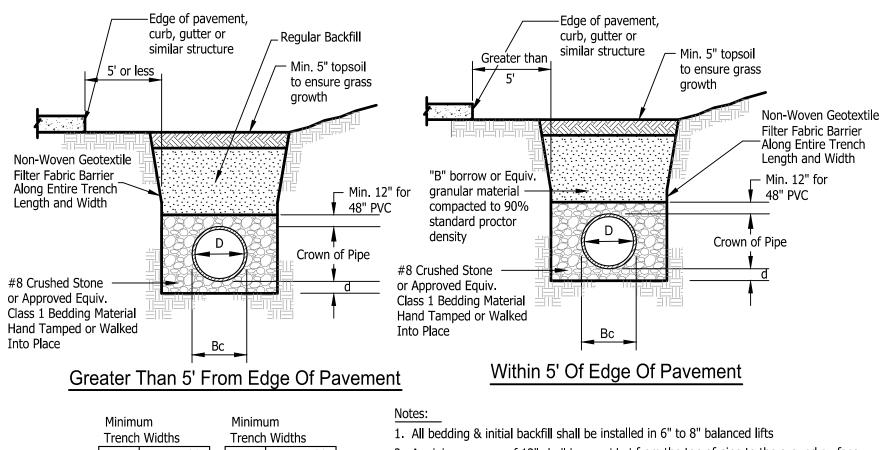
C103



Mitered Drain (pat. pending) DIMENSION TARLE *

PIPE SIZE	SLOPE	MODEL NO.	GRATE MATERIAL	ATTACHED MITERED PIPE MATERIAL	A(in.)	B(in.)	C(in.)	ID(in.)	OD(in.)	E(in.)	L(in.)	W (in.)	α	APPROX. WEIGHT (lbs.)	AREA OF GRATE OPENING (sq. in.)
3"	2:1	3MD2B	BRASS	PVC Sch. 40	12	5	0.25	3.03	3.5	0.25	8.4	4.2	26.5°	3	7
3"	3:1	3MD3P-G	GRAY HDPE	PVC Sch. 80	15	4	0.375	2.85	3.5	0.375	11.6	4.0	18.5°	2	10.4
3"	3:1	3MD3P-B	BLACK HDPE	PVC Sch. 80	15	4	0.375	2.85	3.5	0.375	11.6	4.0	18.5°	2	10.4
3"	3:1	3CMD3-BN	BROWN HDPE	PVC Sch. 40	14.7	3	NA	3.03	3.5	0.375	12.4	4.0	18.5°	1.4	9.85
3"	3:1	3CMD3-GN	GREEN HDPE	PVC Sch. 40	14.7	3	NA	3.03	3.5	0.375	12.4	4.0	18.5°	1.4	9.85
4"	3:1	4MD3P-G	GRAY HDPE	PVC Sch. 80	18.5	4.5	0.375	3.77	4.5	0.375	14.7	5.0	18.5°	3.5	17.9
4"	3:1	4MD3P-B	BLACK HDPE	PVC Sch. 80	18.5	4.5	0.375	3.77	4.5	0.375	14.7	5.0	18.5°	3.5	17.9
4"	3:1	4CMD3-BN	BROWN HDPE	PVC Sch. 40	18.5	3.5	NA	3.99	4.5	0.375	15.6	5.0	18.5°	2.3	15.76
4"	3:1	4CMD3-GN	GREEN HDPE	PVC Sch. 40	18.5	3.5	NA	3.99	4.5	0.375	15.6	5.0	18.5°	2.3	15.76
6"	3:1	6MD3P	GRAY HDPE	C900-CL 200	30	8	0.75	5.85	6.9	0.50	22.4	7.5	18.5°	13	41.9
8"	3:1	8MD3P	GRAY HDPE	C900-CL 150	43	14	0.75	7.97	9.1	0.75	29.3	9.7	18.5°	26	76.7
12"	3:1	12MD3P	GRAY HDPE	C900-CL 150	58	17	0.75	11.63	13.2	1.0	42.5	14	18.5°	66	165.1

* ALL DIMENSIONS ARE IN INCHES AND ALL WEIGHTS ARE IN POUNDS, AND MAY VARY. BASIC SPECIFICATIONS Brass grates are made of copper alloy No. 836. HDPE grates are made with UV inhibitor. Set screws are type 18-8 stainless steel. Not recommended for traffic loads. Made in the U.S.A.



Minim Trencl	um n Widths	Minimum Trench Widths					
D	Min. Width	D	Min. Width				
12"	31"	36"	78"				
15"	35"	42"	84"				
18"	43"	48"	91"				
24"	56"	54"	97"				
30"	66"	60"	103"				

2. A minimum cover of 12" shall be provided from the top of pipe to the ground surface. 3. Installation shall be in accordance with the pipe manufacturer's minimum recommended standards and / or this detail, whichever is greater. Depth of Bedding Legend:

Material Below Pipe Bc = Outside Diameter D = Inside Diameter d = Depth of Bedding 10" to 48" Material Below Pipe

HDPE Pipe Bedding

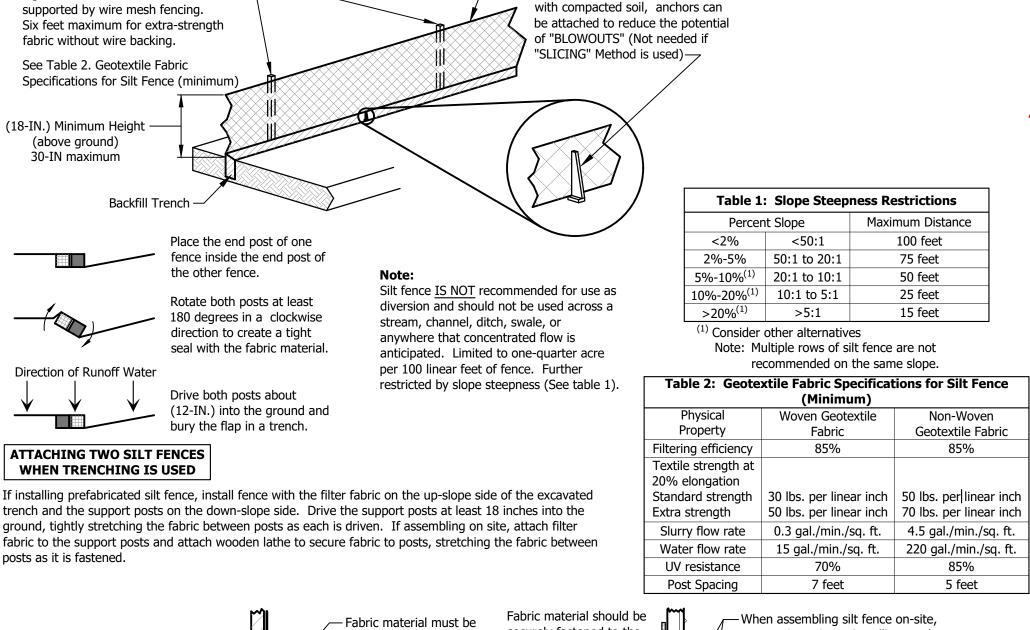
DEPTH PER PIPE (5) ADAPTER ANGLES VARIABLE MANUFACTURER 0° - 360° ACCORDING TO PLANS (3) VARIABLE INVERT HEIGHTS RECOMMENDATION AVAILABLE (ACCORDING TO (MIN. MANUFACTURING PLANS/TAKE OFF) REQ. SAME AS MIN. SUMP) (3) VARIABLE SUMP DEPTH (4) VARIOUS TYPES OF INLET & OUTLET ADAPTERS ACCORDING TO PLANS AVAILABLE: 4" - 36" FOR CORRUGATED HDPE (6" MIN. ON 8" - 24", 10" MIN. ON 30" 6" MIN ON 30" & 36" (ADS N-12/HANCOR DUAL WALL, ADS/HANCOR & 12" MIN. ON 36" SINGLE WALL), N-12 HP, PVC SEWER (EX: SDR 35), BASED ON MANUFACTURING REQ.) PVC DWV (EX: SCH 40), PVC C900/C905, CORRUGATED & RIBBED PVC WATERTIGHT JOINT THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER (CORRUGATED HDPE SHOWN) GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D232 I - 8" - 30" DOME GRATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
2 - 8" & 10" DOME GRATES FIT ONTO THE DRAIN BASINS WITH THE USE OF A PVC BODY TOP. SEE DRAWING NO. 7001-110-045. THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH | DRAWN BY | EBC | MATERIAL 3130 VERONA AVE DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT BUFORD, GA 3051 DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING PHN (770) 932-2443 POSSESSION OF THIS PRINT DOES NOT CONFER. RESTRICTIONS. SEE DRAWING NO. 7001-110-065. FAX (770) 932-2490 RANSFER, OR LICENSE THE USE OF THE DESIGN OR DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ECHNICAL INFORMATION SHOWN HEREIN ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), RODUCTION OF THIS PRINT OR ANY INFORMATION N-12 HP. & PVC SEWER (4" - 36"). CONTAINED HEREIN, OR MANUFACTURE OF ANY DRAIN BASIN WITH DOME GRATE - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHE QUICK SPEC INSTALLATION DETAIL MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012. 6 - 8" - 30" DOME GRATES HAVE NO LOAD RATING. DWG SIZE A SCALE 1:40 SHEET 1 OF 1 DWG NO. Spacing of Posts: Fabric Material – When fabric is installed in a trench Eight feet maximum if fence is with compacted soil, anchors can supported by wire mesh fencing. be attached to reduce the potential Six feet maximum for extra-strength of "BLOWOUTS" (Not needed if fabric without wire backing.

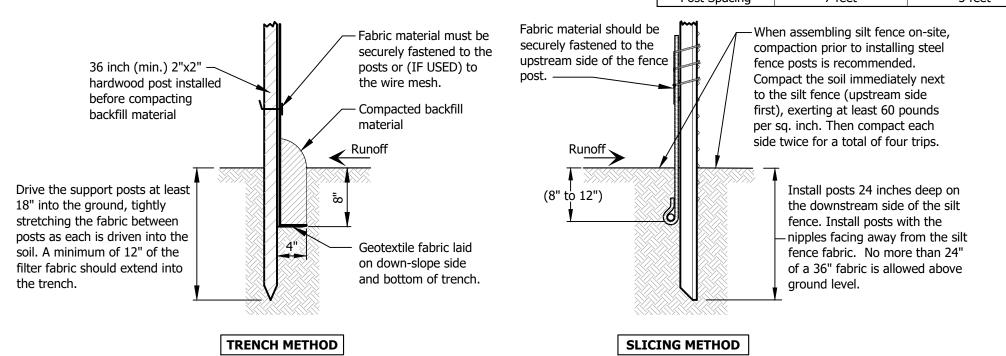
NYLOPLAST DRAIN BASIN WITH DOME GRATE

(1, 2) INTEGRATED DUCTILE IRON

GRATE TO MATCH BASIN O.D.

MINIMUM PIPE BURIAL



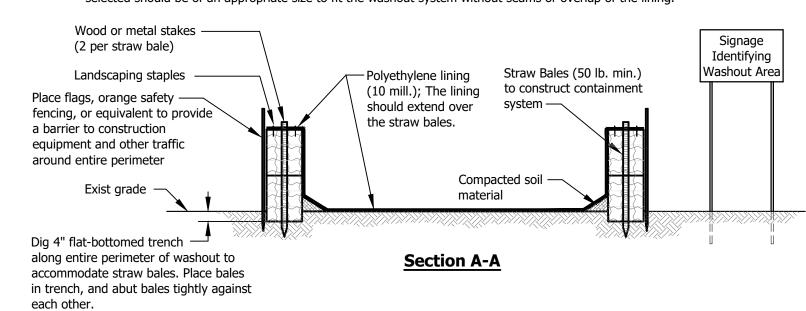


Silt-Fence Installation

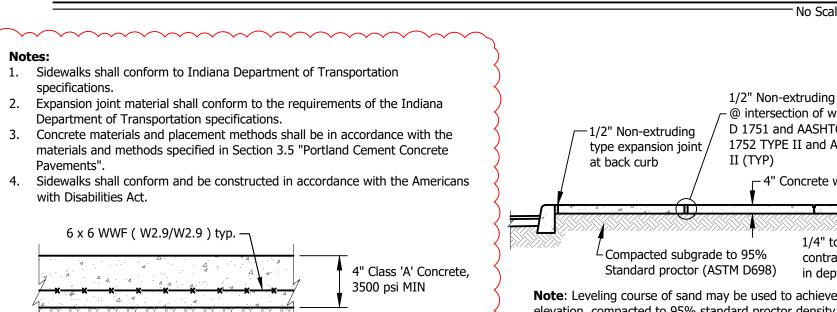
- Landscaping staples to secure the polyethylene lining to the straw bales. - Wood or metal stakes to secure the straw bales (2 per straw bale). Straw bale (alternative materials or products may be used to provide structural Width = 10 feet (Minimum) containment). Alternate materials or products will require design modification. Polyethylene lining (10 mill.); The lining should extend over the straw bales.

Plan View

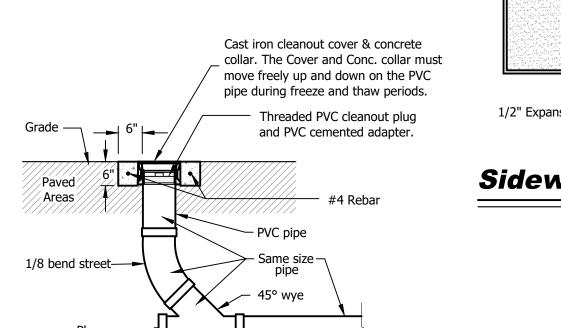
- Specifications: 1. Small amounts of excess or residual concrete (not washout water) may be disposed of in areas that will not result in flow to
- 2. Locate concrete washout systems at least 50 feet from any creeks, wetlands, ditches karst features, or storm drains/man
- 3. The structure or system shall shall be designed to contain the anticipated washout water associated with construction
- 4. 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.



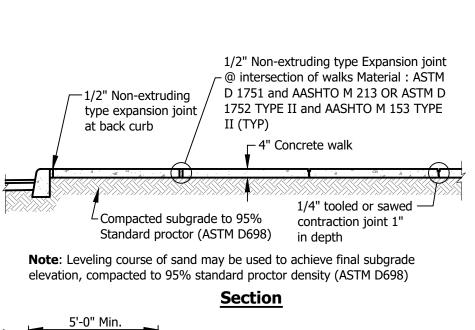
Concrete Washout (Above Grade System)

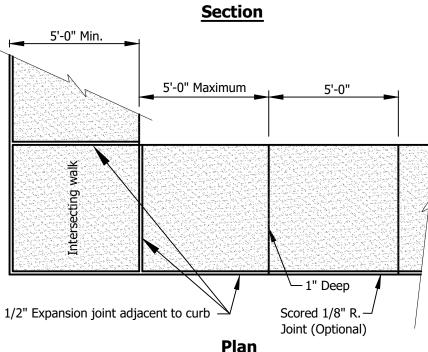


Compacted subgrade - top 6" compacted to 95% maximum dry density (ASTM D698) Concrete Sidewalk Section



Cleanout





Sidewalk Joint Spacing

Site Details

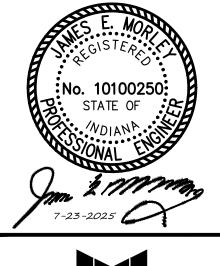
07/23/2025 KJL Revisions Scale: As Noted

Civil

04089.1.004-E 06.30.2025

C500

4089 Civil Base 2025



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Wesselman Park Playground Restroom

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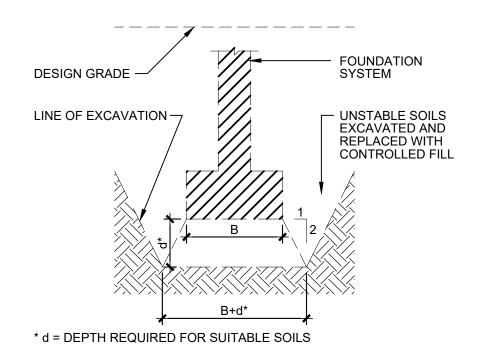
GENERAL STRUCTURAL NOTES

- 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.
- 2. 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.
- 3. DO NOT SCALE PLANS AND DETAILS. ONLY WRITTEN DIMENSIONS SHALL BE USED.
- SPECIFIC NOTES AND DIMENSIONS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
- 5. 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.
- 7. 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.
- 8. 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.
- 9. REVIEW SUBSURFACE INVESTIGATION AND GEOTECHNICAL RECOMMENDATIONS PRIOR TO BIDDING AND COMMENCEMENT OF WORK.
- 10. VISIT SITE PRIOR TO BIDDING TO OBSERVE CONDITIONS NOT SPECIFIED HEREIN.
- 11. REVIEW ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND CIVIL WORK PRIOR TO BIDDING AND COMMENCEMENT OF WORK.
- 12. STRIP 8" OF TOPSOIL FROM ENTIRE CONSTRUCTION SITE. STOCK PILE ON SITE FOR LATER USE. STRIPPED SOIL MAY NOT BE USED FOR STRUCTURAL FILL.
- 13. 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.
- 14. 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.
- 15. 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

- 1. 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.
- 2. 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.
- 3. PLACE FILL ON WALLS WITH FILL ON BOTH SIDES EQUALLY WITH A 1'-0" MAXIMUM DIFFERENTIAL IN HEIGHT AT ANY GIVEN TIME.
- 4. COMPACT OPEN GRADED FILL USING A VIBRATORY COMPACTOR. COMPACT FILL IN MAXIMUM 8" LIFTS.
- 5. 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.
- 3. 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.
- 2. ALL CONCRETE WORK SHALL COMPLY WITH THE STATE ADOPTED VERSION OF THE INTERNATIONAL BUILDING CODE CHAPTERS 16, 17, 18, 19, AND 21.
- 3. ALL ANCHOR BOLTS USED IN CONCRETE CONSTRUCTION SHALL HAVE A

5/8" DIAMETER OR SMALLER = 8" 3/4" DIAMETER = 9"

7/8" DIAMETER = 9" 1" DIAMETER = 10"

MINIMUM TOTAL EMBEDMENT AS FOLLOWS, U.N.O.:

- 4. 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.
- 5. 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.
- 6. 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.
- 7. REMOVE FORMS IN ACCORDANCE WITH THE FOLLOWING: SIDE FORMS FOR FOOTINGS = MINIMUM OF 2 DAYS EDGE FORMS FOR SLAB = MINIMUM OF 1 DAY
- 8. CONCRETE SHALL NOT FREE FALL MORE THAN SIX FEET

CONCRETE AND REINFORCING

PROVIDE CONCRETE THAT MEETS OR EXCEEDS THE FOLLOWING CRITERIA:

- 1. **STRENGTH**: F 'c AT 28 DAYS =3500 PSI U.N.O.
- 2. **SLUMP**: 4" +/- 1".
- 3. **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.
- 4. **REINFORCING**: BARS TO BE ASTM A615, GRADE 60. LAP JOINTS 32 (MIN.) BAR DIAMETERS AT ALL SPLICES.
- 5. **ACCESSORIES**: FURNISH IN ACCORDANCE WITH ACI DETAILING MANUAL. FOLLOW ACI RECOMMENDATIONS AND GUIDELINES WHILE FORMING AND PLACING CONCRETE.
- 6. **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
- A) BETWEEN REINFORCING AND AIR = 2" OR AS NOTED
 BETWEEN REINFORCING AND EARTH = 3" OR AS NOTED
- INTERSECTIONS: ALL REINFORCED CONCRETE WALL INTERSECTIONS TO HAVE CORNER BARS SAME SIZE AND QUANTITY AS LONGITUDINAL WALL REINFORCING.
- 10. **AIR ENTRAINING**: ALL CONCRETE EXPOSED TO WEATHER TO HAVE 6% ENTRAINED AIR.
- 11. CURING AND SEALING COMPOUND: SONNEBORN KURE-N-SEAL WB OR APPROVED EQUIVALENT ASTM C309, TYPE1, CLASS A PRODUCT)
- 12. CONCRETE EXPANSION JOINT MATERIAL: SONNEBORN EXPANSION JOINT FILLER WITH SELF LEVELING SEALANT: SIKAFLEX-2C SL 2-PART POLYURETHANE SEALANT OR APPROVED EQUIVALENT.
- 13. 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.

14. CONCRETE FINISH:

C) SLABS = CENTER

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

- 1. 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.
- 2. CONTRACTOR SHALL MIX AND INSTALL RESIN AND HARDENER PER MANUFACTURER'S SPECIFICATION. ALL EPOXY SET THREADED RODS SHALL BE SET UNDER CONTROLLED CONDITIONS.
- 3. 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.
- 4. 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.
- 5. 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.
- 6. 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.
- 2. MECHANICAL CONTRACTOR TO PROVIDE SUPPORT FOR ALL MECHANICAL EQUIPMENT.

15 PSF

- 3. DO NOT RUN CONDUIT IN CONCRETE.
- 4. DO NOT USE CALCIUM CHLORIDE IN CONCRETE.

MISCELLANEOUS DESIGN LOADS

 I. LIVE LOADS:
 20 PSF

 ROOF
 20 PSF

 SNOW
 15 PSF

 SLAB
 300#/SQFT

 2. DEAD LOADS:

3. SEISMIC 2014 INDIANA BUILDING CODE

ROOF ASSEMBLY

RISK CATEGORY: II
SITE CLASS C
DESIGN RESPONSE
COEFFICIENT, S_{DS} 0.481 g
DESIGN RESPONSE
COEFFICIENT, S_{D1} 0.256 g
SEISMIC DESIGN CATEGORY C

4. WIND

RISK CATEGORY

BASIC WIND SPEED

EXPOSURE CATEGORY

ENCLOSURE CLASSIFICATION

EXTERIOR ROOF:

PARTIALLY ENCLOSED

SOIL CAPACITY NOTES

1. ASSUMED 1500 PSF AT ALL FOOTINGS.

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

SUBMITTAL REQUIREMENTS

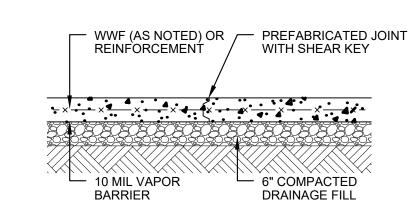
PLEASE PROVIDE THE FOLLOWING SUBMITTALS TO ARCHITECT-OF-RECORD OR STRUCTURAL ENGINEER-OF-RECORD PRIOR TO THEIR CONSTRUCTION:

- 1. CONCRETE REINFORCEMENT SHOP DRAWINGS
- 2. CONCRETE MIX AND SUPPLIER INFORMATION

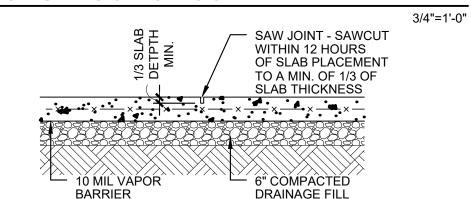
REQUIRED INSPECTIONS

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.

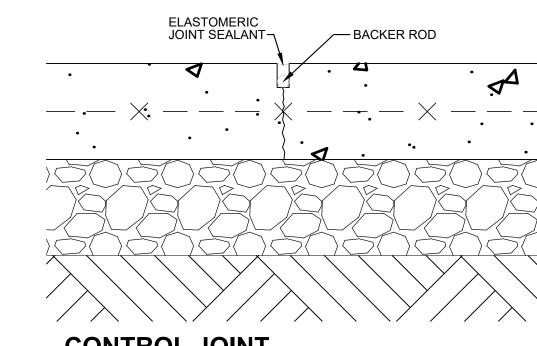


REINFORCED CONCRETE SLAB CONSTRUCTION JOINT DETAIL



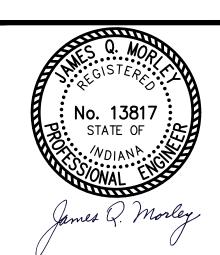
REINFORCED CONCRETE SLAB CONTROL JOINT DETAIL

3/4"=1'-0"



CONTROL JOINT SEALANT DETAIL

3"=1'-0"





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copy shall govern.



Wesselman Park
Playground Restroom

602 N. Boeke Rd. Evansville, IN 47711

Structural

General Notes

lo. By Date

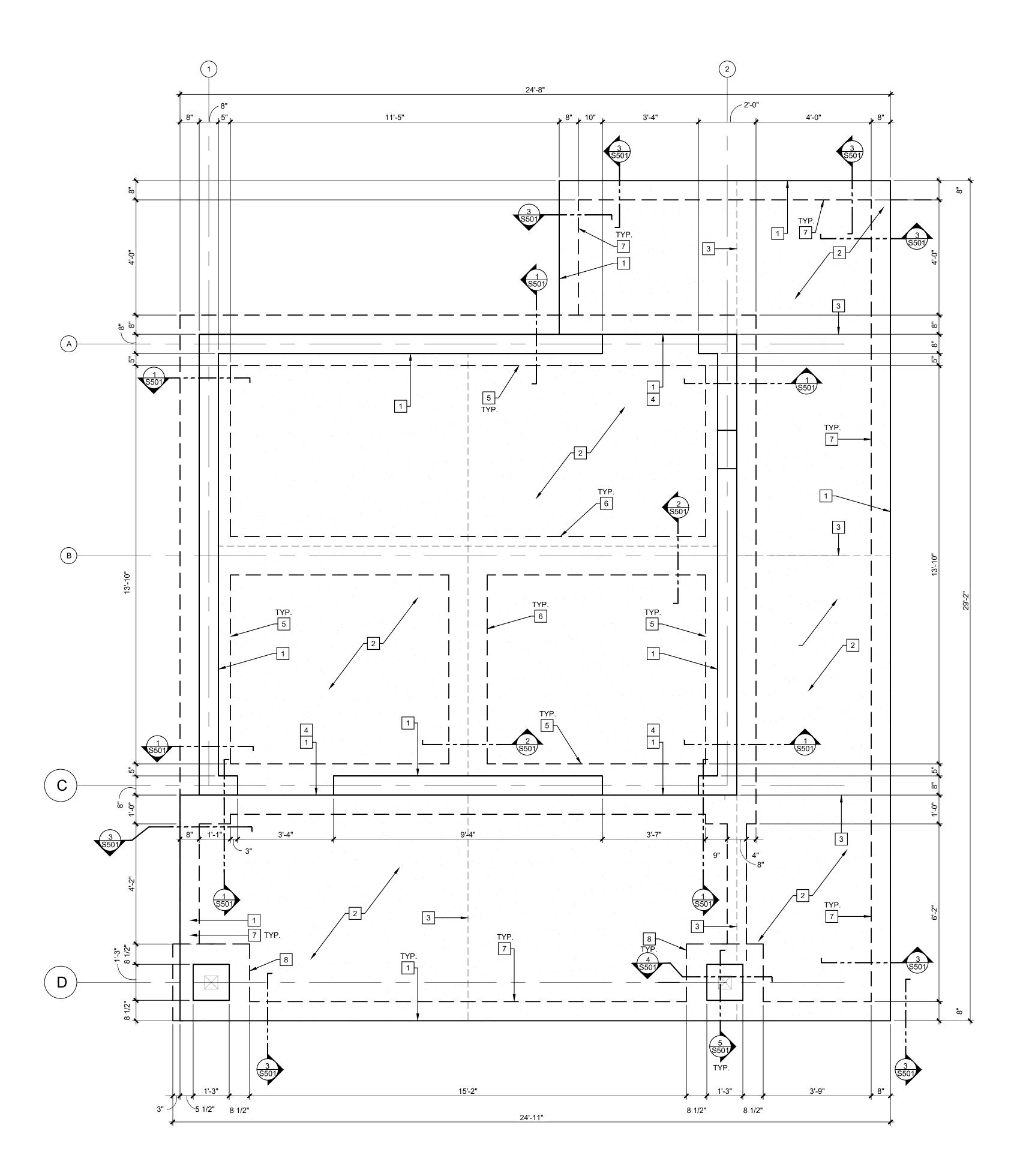
Revisions

Scale: N/A

igned By: Job Number:

RS 04089.1.004-0

4089_Wesselman RR Bld_ Structura
Sheet Number: **S001**







SYMBOL LEGEND



SECTION DRAWING LOCATION





DETAIL DRAWING LOCATION SHEAR WALL



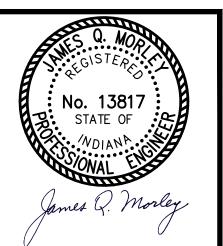
ELEVATION DRAWING LOCATION FIRE WALL

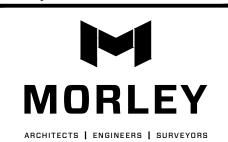
FOUNDATION PLAN GENERAL NOTES

- 1. FF= T.O. SLAB = 0'-0" (ARCH) @ELEVATION +389.33.
- 2. 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.
- 3. T-INTERSECTIONS OF FOOTINGS REQUIRE REINFORCEMENT CONNECTION OF LONGITUDINAL REINFORCEMEN 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.)
- 4. VERIFY ALL DIMENSIONS WITH CIVIL AND ARCHITECTURAL DRAWINGS.

FOUNDATION PLAN REFERENCE NOTES

- 1 EDGE OF SLAB
- 2 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
- TOOLED FINISHED CONTROL JOINT AT SHOWN LINES.
- 4 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.
- 5 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.)
- 6 18' WIDE THICKENED SLAB FOOTING (TYP.)
- 7 8" WIDE SLAB TURN DOWN FOOTING REINFORCED WITH (2)-#4 LONGITUDINAL (TYP.)
- 8 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





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and conditions shown by these drawings.





Wesselman Park Playground Restroom

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Structural

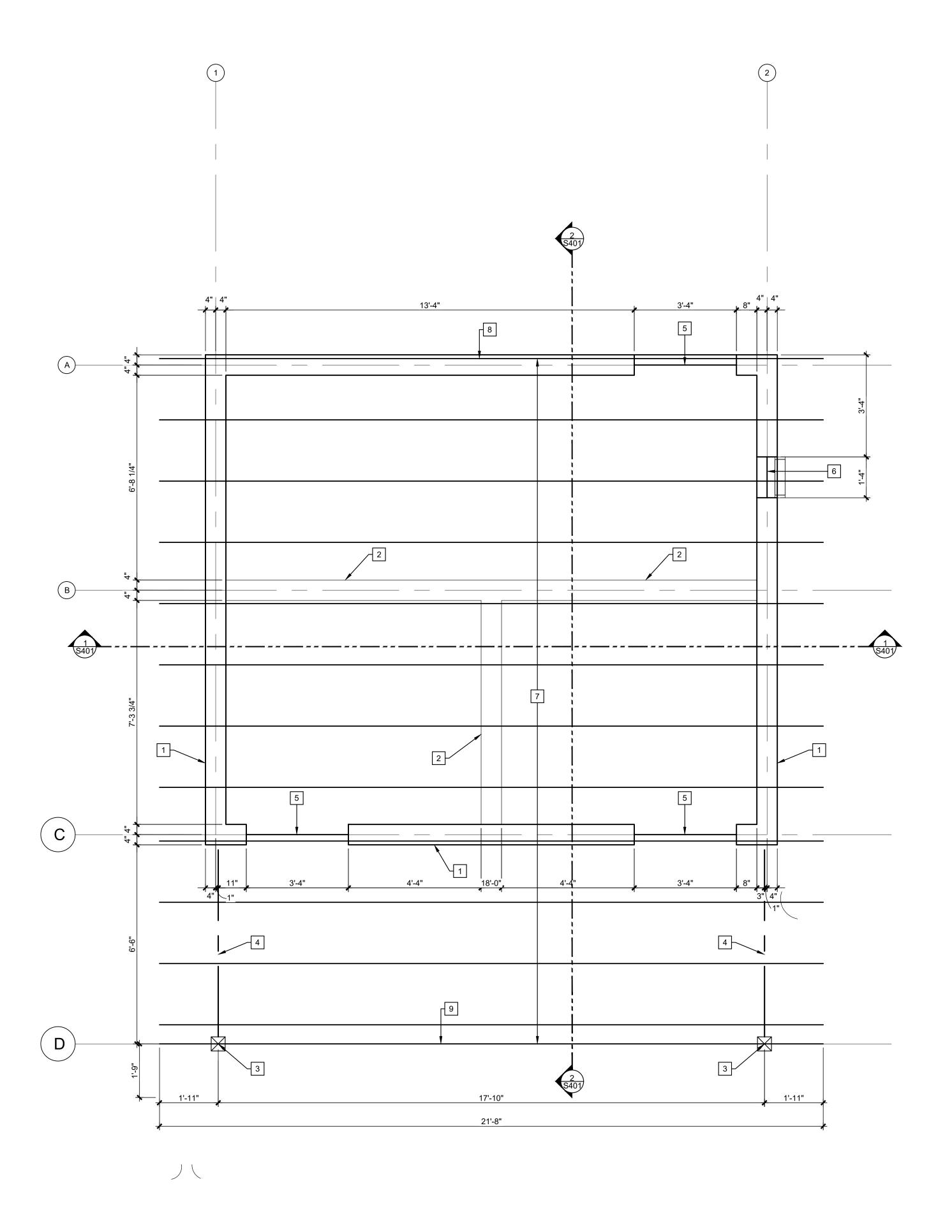
Foundation Plan

and Notes									
No.	Ву	Date							
	Revisions								
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Scale: 1/2"=1'-0" Job Number: 04089.1.004-C

07.23.2025 Filename: 4089_Wesselman RR Bld_ Structura

S101



PRAMING AND ROOF FRAMING PLAN

1/2" = 1'-0"



SYMBOL LEGEND



SECTION DRAWING LOCATION





DETAIL DRAWING LOCATION SHEAR WALL



ELEVATION DRAWING LOCATION STREEWALL

FRAMING PLAN GENERAL NOTES

- 1. FF= T.O. SLAB = 0'-0" (ARCH) @ELEVATION +389.33.
- 2. ALL CMU DIMENSIONS ARE SHOWN NOMINAL. EXTERIOR BUILDING LINE MUST MATCH. (TYP.)
- 3. VERIFY ALL DIMENSIONS WITH CIVIL AND ARCHITECTURAL DRAWINGS.
- 4. 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.)
- 5. 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

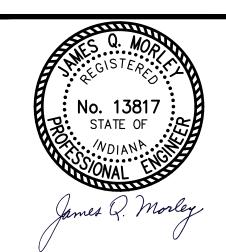
- 1 8" CMU LOAD BEARING WALL WITH #5 @ 32" O.C. VERTICAL REINFORCEMENT. HORIZONTAL LADDER REINFORCEMENT SPACED @16 " O.C. VERTICALLY. TOP OF WALL @+9'-4" GROUT ALL REINFORCED CELLS SOLID. BOND BEAM ON TOP OF WALL TO BE REINFORCED WITH (2)-#5 CONTINUOUS. CELLS BELOW AND ONE CELL LEFT AND RIGHT OF BEAM 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.
- 2 8" CMU INTERIOR WALL WITH HORIZONTAL LADDER REINFORCEMENT SPACED @16 " O.C. VERTICALLY. TOP OF WALL @+9'-4"
- 3 NOM. 6X6 TREATED POST ON SIMPSON STRONG TIE MBPZ66Z POST BASE AND WITH SIMPSON STRONG TIE BC46 POST CAP TO DOUBLE NOM. 2X BEAM.
- 4 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.
- 5 NOM. 16" MASONRY LINTEL WITH (2)-# 5 ON BOTTOM (TYP). OR PRE-CAST CONCRETE LINTEL SUBMITTED BY CONTRACTOR TO EOR FOR APPROVAL.
- 6 PROVIDE 8" MASONRY LINTEL WITH 2-#4 ON BOTTOM FOR 16" WIDE MECHANICAL OPENING. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR OPENING ELEVATION.

ROOF FRAMING PLAN GEN. NOTES

- 1. 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 S/HGAM10 TO CMU BOND BEAM FOR END GABLE TRUSSES (TYP.) USE ALL DESIGNATED FASTENERS SPECIFIED BY MFG FOR MAX STRENGTH.
- 2. 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.
- 3. VERIFY ALL DIMENSIONS WITH CIVIL AND ARCHITECTURAL DRAWINGS.

ROOF FRAMING PLAN REF. NOTES

- 7 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.
- 8 END GABLE TRUSS TO ALLOW FOR MECHANICAL OPENINGS FOR LOUVER SHOWN IN MECHANICAL AND ARCHITECTURAL ELEVATIONS.
- 9 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.





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Wesselman Park Playground Restroom

602 N. Boeke Rd. Evansville, IN 47711

Structural

Framing Plan, Roof Framing Plan

and Notes								
No.	Ву	Date						
Revisions								
		•						

Scale: 1/2"=1'-0"

04089.1.004-0 07.23.2025

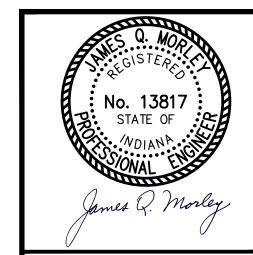
4089 Wesselman RR Bld Structura

S102

SYMBOL LEGEND

SECTION DRAWING LOCATION # REFERENCE NOTE

DETAIL SHEAR WALL





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Wesselman Park Playground Restroom

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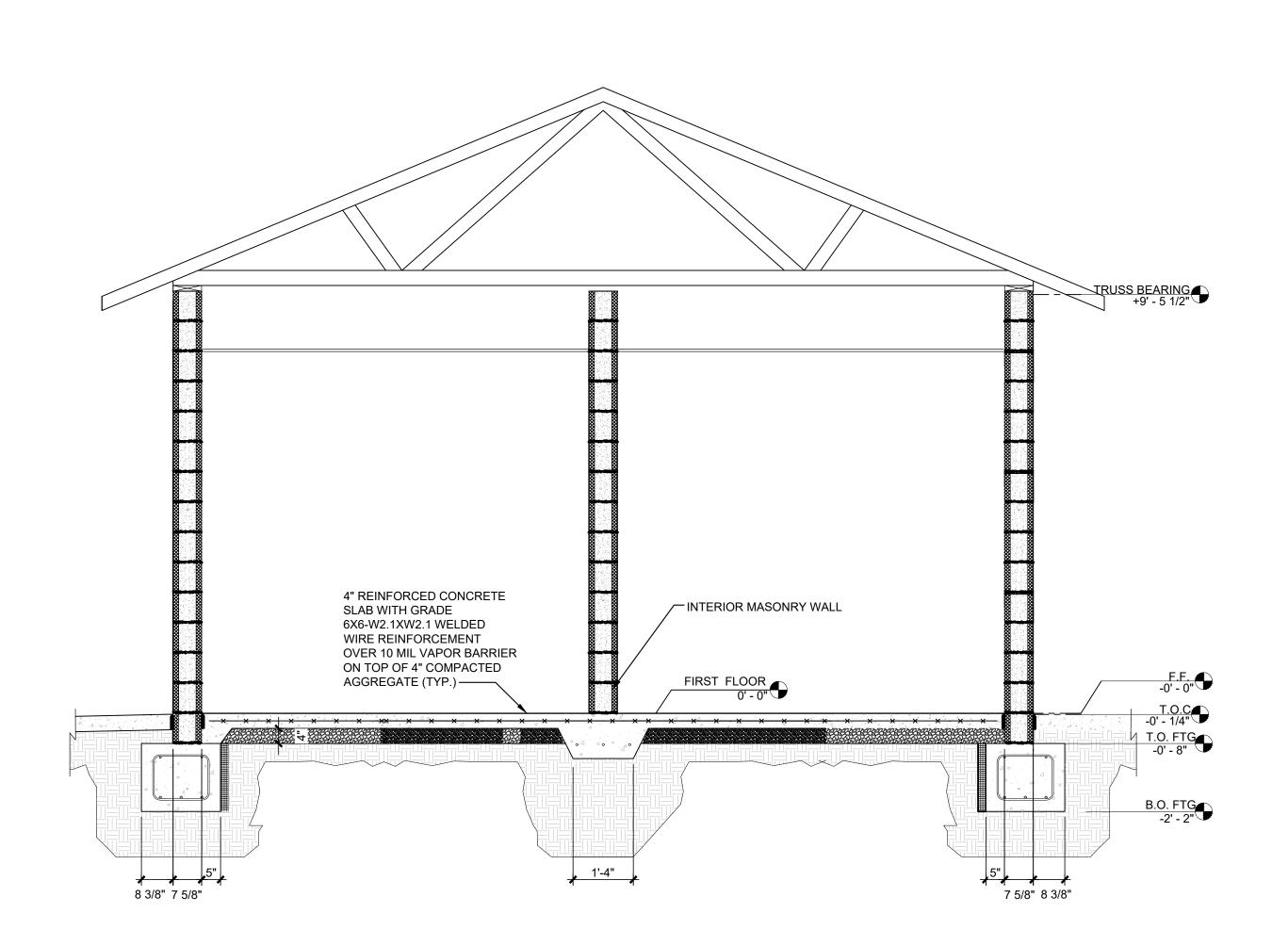
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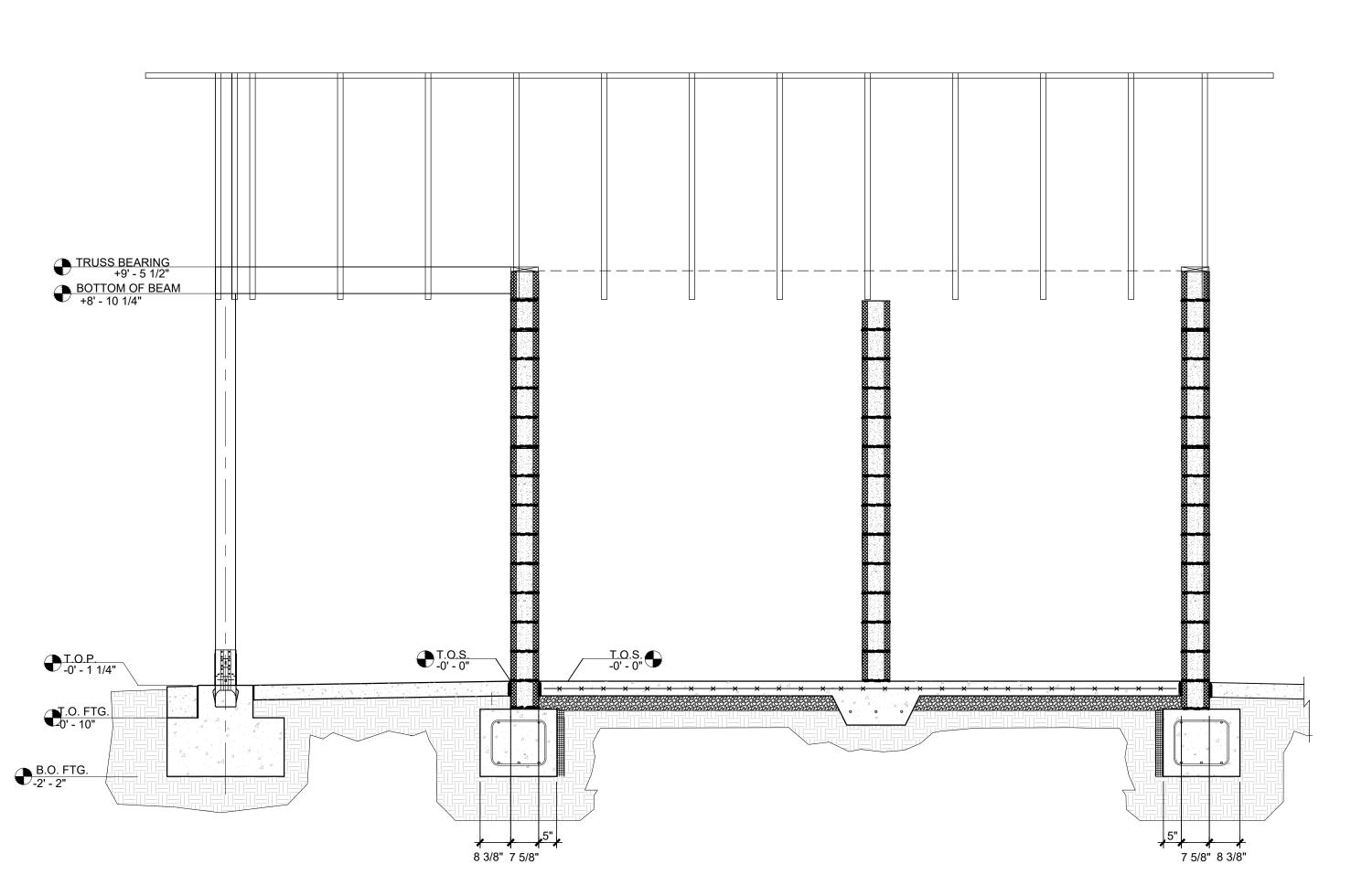
Framing Elevations Ву Revisions Scale: 1/2"=1'-0"

Job Number: 04089.1.004-C 07.23.2025

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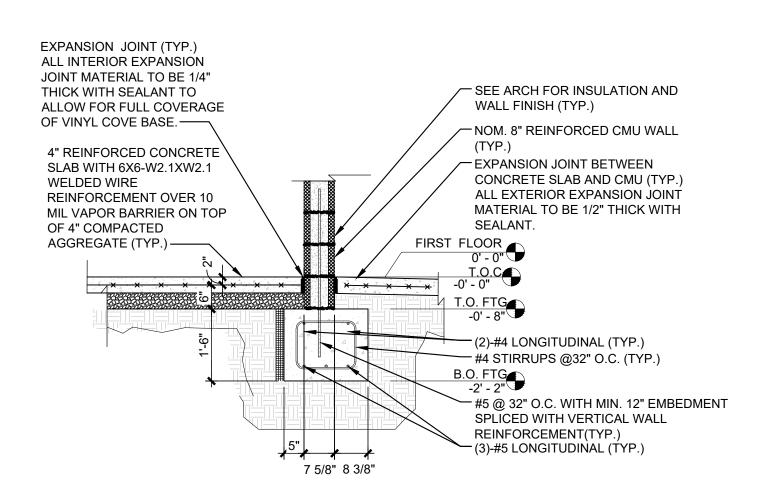
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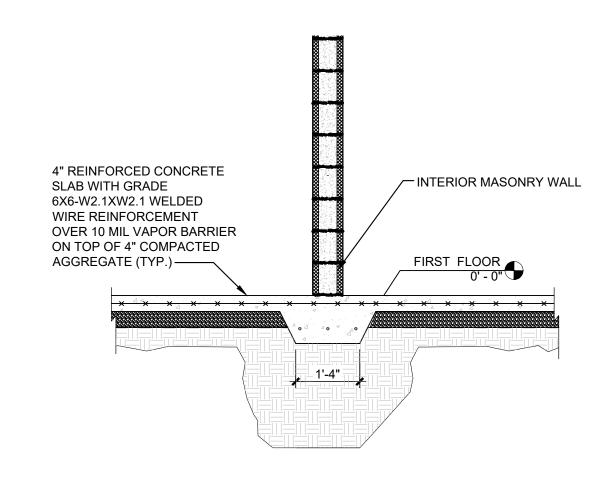


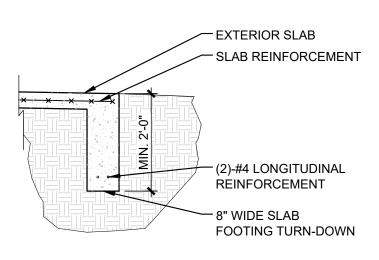


@ MASONRY- STEEL- ROOF FRAMING ELEVATION SECTION

1/2" = 1'-0"



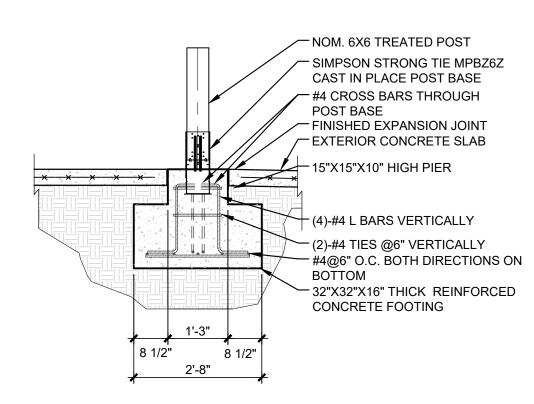


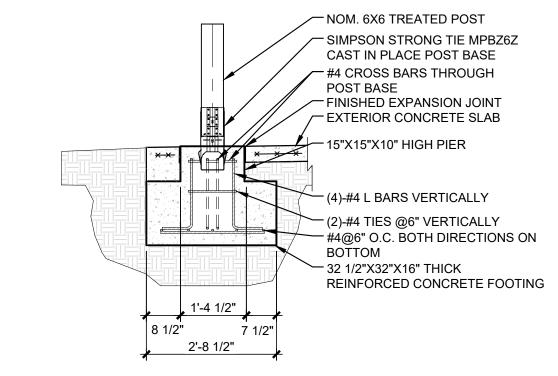


1/2" = 1'-0"

2 THICKENED SLAB FOUNDATION SECTION (TYP.) 1/2" = 1'-0"

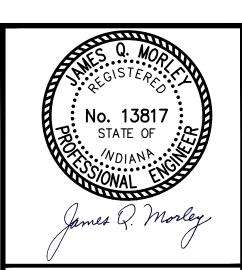
3 SLAB TURNDOWN (TYP.)





(4) COLUMN FOOTING (TYP.)







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Written dimensions on these drawings shall have precedence over scale dimensions. Contractors sha verify and be responsible for all dimensions and conditions on the job and Morley and Associates, Ir must be notified of any variations from the dimensi and conditions shown by these drawings. If differences exist between electronic files and the signed and sealed hard copy drawings, the hard

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copy shall govern.



Wesselman Park Playground Restroom

602 N. Boeke Rd. Evansville, IN 47711

Structural

Foundation Details Ву Date Revisions

Scale: 1/2"=1'-0" Job Number: 04089.1.004-C 07.23.2025

Filename:
4089_Wesselman RR Bld_ Structural

S501

GENERAL NOTES

- 1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS INCLUDING FLOOR ELEVATIONS AND ADJACENT GRADES PRIOR TO ANY DESIGN 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.
- 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 PRESIDES. CHANGE ORDERS OR EXTRAS WILL NOT BE ALLOWED FOR CODE COMPLIANCE CONDITIONS AFTER BIDDING AND COMMENCEMENT OF CONSTRUCTION.
- 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 INSURANCE AS REQUIRED BY JOB CONDITIONS AND OWNER'S 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. RFI'S 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
- 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". "HLD". "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
- 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 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
- 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
- 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

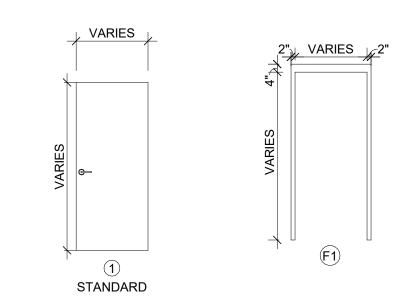
ALUMINUM

- **HOLLOW METAL** STOREFRONT SYSTEM KNOCK DOWN FRAME CLOSURE KEYED ENTRY PANIC HARDWARE PRIVACY LOCK GALVANIZED DOOR/FRAME GDF PT-X PAINTED
- KICKPLATE **WDHC** WOOD DOOR, HOLLOW CORE DOOR VIEWER PULL PLATE
- **EXPOSED CLOSER** BRUSHED ALUM. LEVER LOCK SET

FIBERGLASS REINFORCED PLASTIC

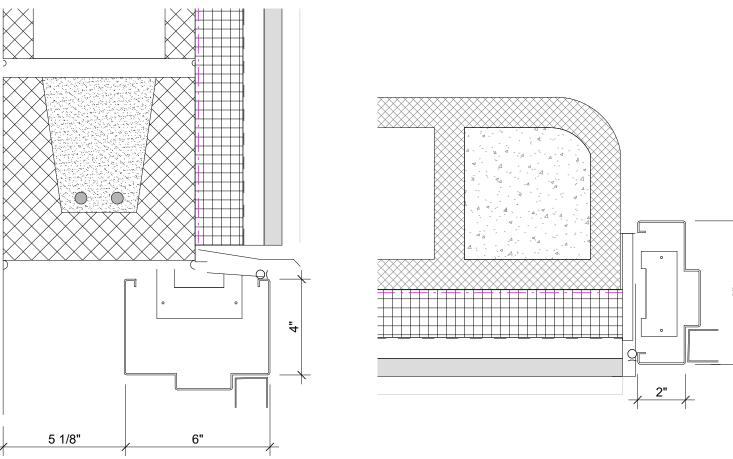
DOOR AND FRAME SCHEDULE

	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		



HM DOOR AND FRAME

FRAME TYPES



HM DOOR AND FRAME AT EXT. MASONRY WALL OPNG

DETAILS



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

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.



- 1. ALL PROTECTION PLATES TO BE BEVELED ON (4) EDGES.
- 2. <u>EXIT DOORS</u> SHALL BE OPERATIONAL FROM INSIDE WITHOUT USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EFFORT.
- 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
- 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).

TURNOVER DATE.

- 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

MANUFACTURER FOR OBTAINING WARRANTY.

Architectural

No.11200132

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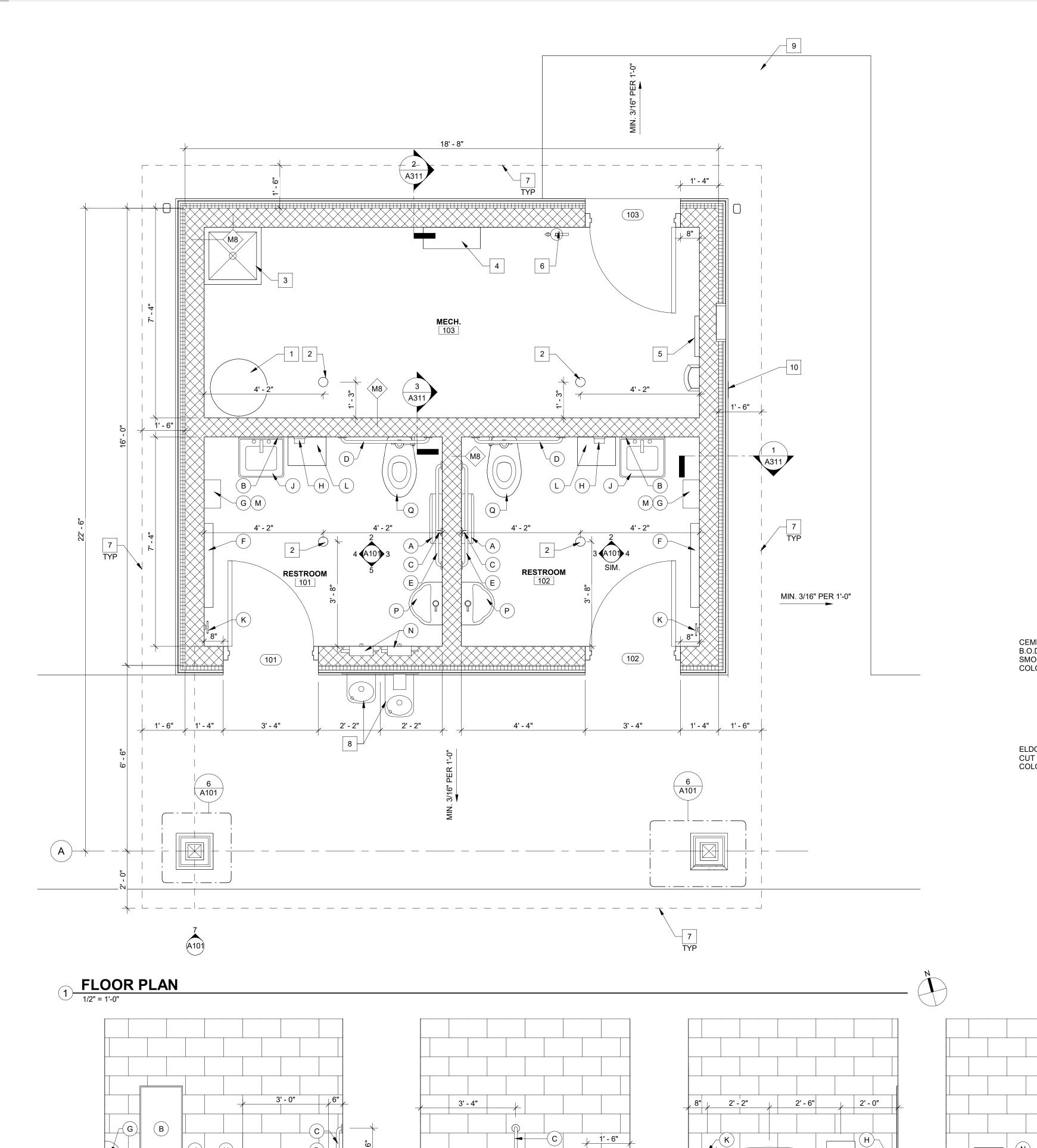
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General Notes. Door Types, Schedules, and Details

0.	Ву	Date						
	Revisions							
Scale: As Noted								
gned B	^{y:} BNB	Job Number: 04089.1.004						
n By:		Date:						

04089.1.004 - Wesselman RR.rvt

07.23.2025



RESTROOM ELEVATION

RESTROOM ELEVATION

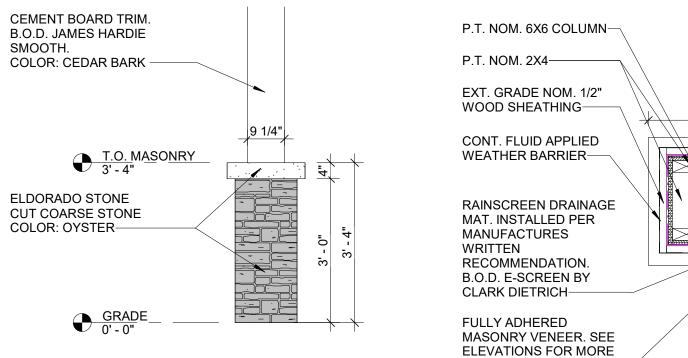
TOILET ROOM REFERENCE NOTES

- SURFACE MOUNTED TOILET PAPER DISPENSER. B.O.D. KRUGER NOIR MINI-MAX JBT DISPENSER. OWNER PROVIDED CONTRACTOR
- 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. 42" GRAB BAR. B.O.D. ASI – STRAIGHT GRAB BAR – 3701-42 – STAINLESS STEEL.
- 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. WALL HUNG SINK. SEE PLUMBING FOR ADDITIONAL INFORMATION. K COAT HOOK .B.O.D. ASI – SURFACE MOUNTED ROBE HOOK –
- L TRASH RECEPTACLE .B.O.D. ASI TRADITIONAL WASTE RECEPTACLE (17 GAL) SURFACE MOUNTED – 0825 – STAINLESS
- M STAINLESS STEEL WALL PROTECTION METAL PANEL N ACCESS PANELS FOR WATER BOTTLE FILLER AND DRINKING FOUNTAIN. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFO.
- URINAL. REF PLUMB. DRAWINGS FOR ADDITIONAL INFORMATION Q TOILET. REF PLUMB. DRAWINGS FOR ADDITIONAL INFORMATION

FIRST FLOOR PLAN **REFERENCE NOTES**

7340-B – STAINLESS STEEL

- 1 WATER HEATER. SEE PLUMBING DRAWINGS FOR ADDITIONAL
- 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.
 - ELECTRICAL PANEL. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- WALL MOUNTED FIRE EXTINGUISHER AND BRACKET. ROOF OUTLINE ABOVE.
- WATER BOTTLE FILLER AND DRINKING FOUNTAIN. SEE PLUMBING
- DRAWINGS FOR ADDITIONAL INFO. SIDEWALK. REFERENCE CIVIL DRAWINGS FOR ADDITIONAL
- 10 LOCKABLE WALL HYDRANT. SEE ELEVATIONS AND PLUMB. DRAWINGS FOR ADDITIONAL INFOMATION.
- 11 6" PAINTED WALL BASE. SEE FINISH PLAN FOR ADDITIONAL



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

101

1' - 6" 1' - 4" 1' - 6" V.I.F. V.I.F.

RESTROOM ELEVATION

RESRTOOM ELEVATION

COLUMN DETAIL

1' - 4"

SYMBOL LEGEND

ROOM NAME ROOM DESIGNATION **ROOM NUMBER**

NUMBER

SECTION TAG

—DETAIL NUMBER

-SHEET NUMBER

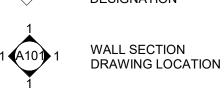
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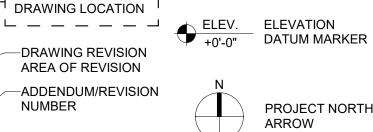
DOOR OPENING

REFERENCE NOTE

REFERENCE NOTE

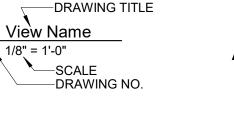












COL. LINE DESIGNATION



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FLOOR PLAN SHEET NOTES

- 1. SEE SHEET A001 FOR PROJECT GENERAL NOTES.
- 2. OWNER TO APPROVE ALL FINISHES PRIOR TO CONSTRUCTION.
- 3. DO NOT SCALE DRAWINGS, CONSULT ARCHITECT REGARDING ANY CONFLICTS.
- 4. 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. 7. FINISHED FLOOR ELEVATIONS ARE FROM THE FACE OF THE
- FINISHED FLOOR SUBSTRATE, I.E. CONCRETE DECK, CONCRETE SLAB, ETC. OR FACE OF EXISTING FINISH. 8. ALL WALLS ARE TO EXTEND TO BOTTOM OF STRUCTURE ABOVE
- UNLESS OTHERWISE NOTED. 9. INTERIOR DOOR FRAME JAMBS TYPICALLY LOCATED 8" FROM

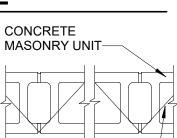
ADJACENT WALL, UNLESS OTHERWISE NOTED.

- 10. ALL INTERIOR FINISHES TO BE CLASS "C" MINIMUM, UNLESS NOTED OTHERWISE.
- 11. CONTRACTOR TO FOLLOW MANUFACTURER'S WRITTEN RECOMMENDATIONS REGARDING SURFACE PREPARATION.

APPLICATION, AND PROTECTION FOR ALL FINISHES.

- 12. CONTRACTOR TO REMOVE ALL HARDWARE, SWITCH COVERS, AND ETC. PRIOR TO PAINTING AND BE RESPONSIBLE FOR REINSTALLATION AFTER PAINTING IS COMPLETE.
- 13. ALL FINISHES SHALL BE TOUCHED UP TO CORRECT ANY IMPERFECTIONS AFTER APPLICATION.
- 14. ALL RETURN AIR GRILLES, SUPPLY DIFFUSERS, AND ACCESS PANELS TO BE PAINTED TO MATCH ADJACENT / SURROUNDING
- 15. ALL VENEER AND TRIM FINISHES TO BE MITERED 45 DEGREES WHEN JOINING AT CORNERS.
- 16. 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.





HORIZONTAL TRUSS REINFORCING @ 16" VERTICALLY-

Architectural

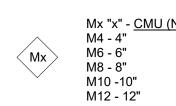
Floor Plan, Interior Elevations, Symbols, Notes, and Wall Types

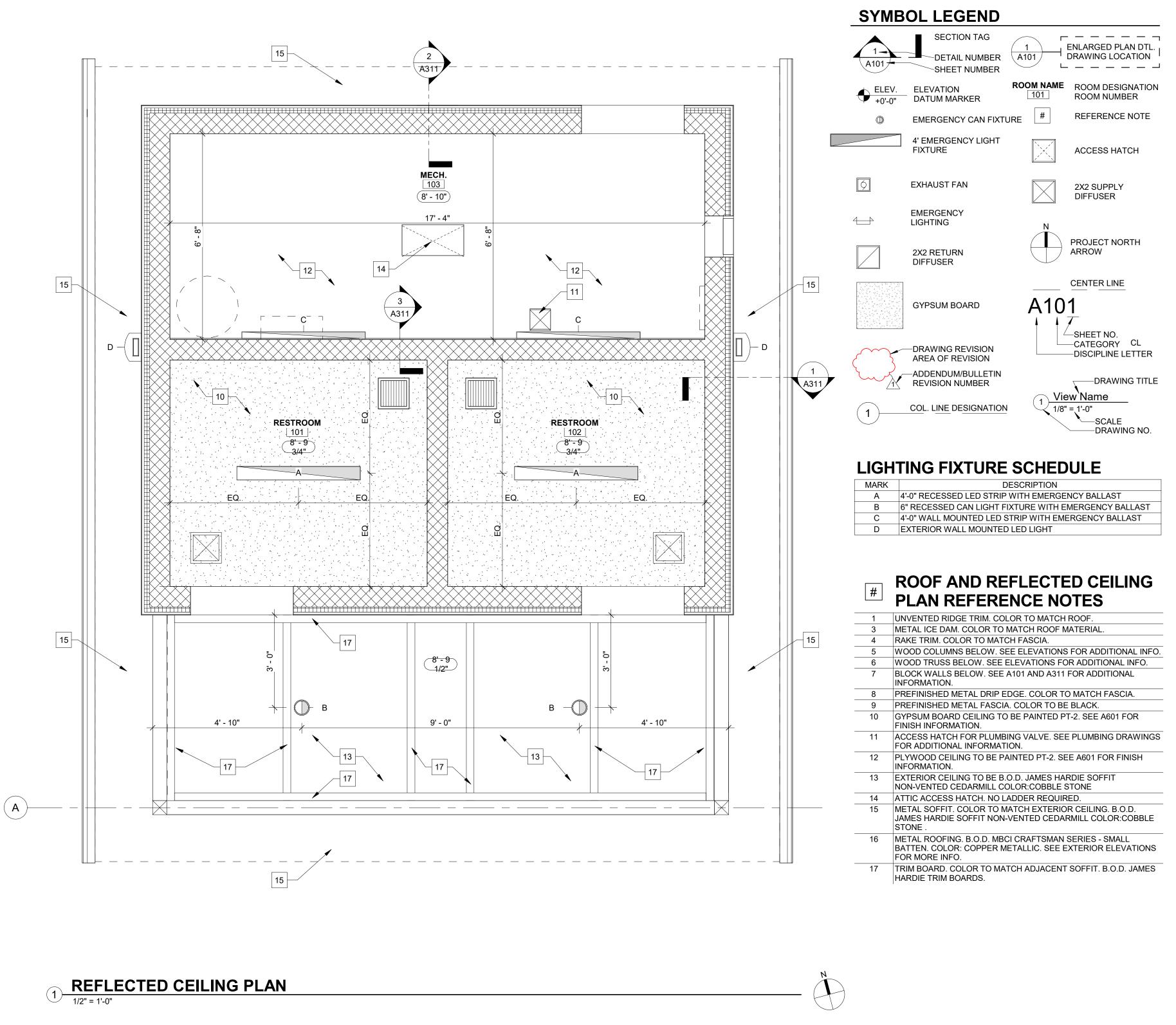
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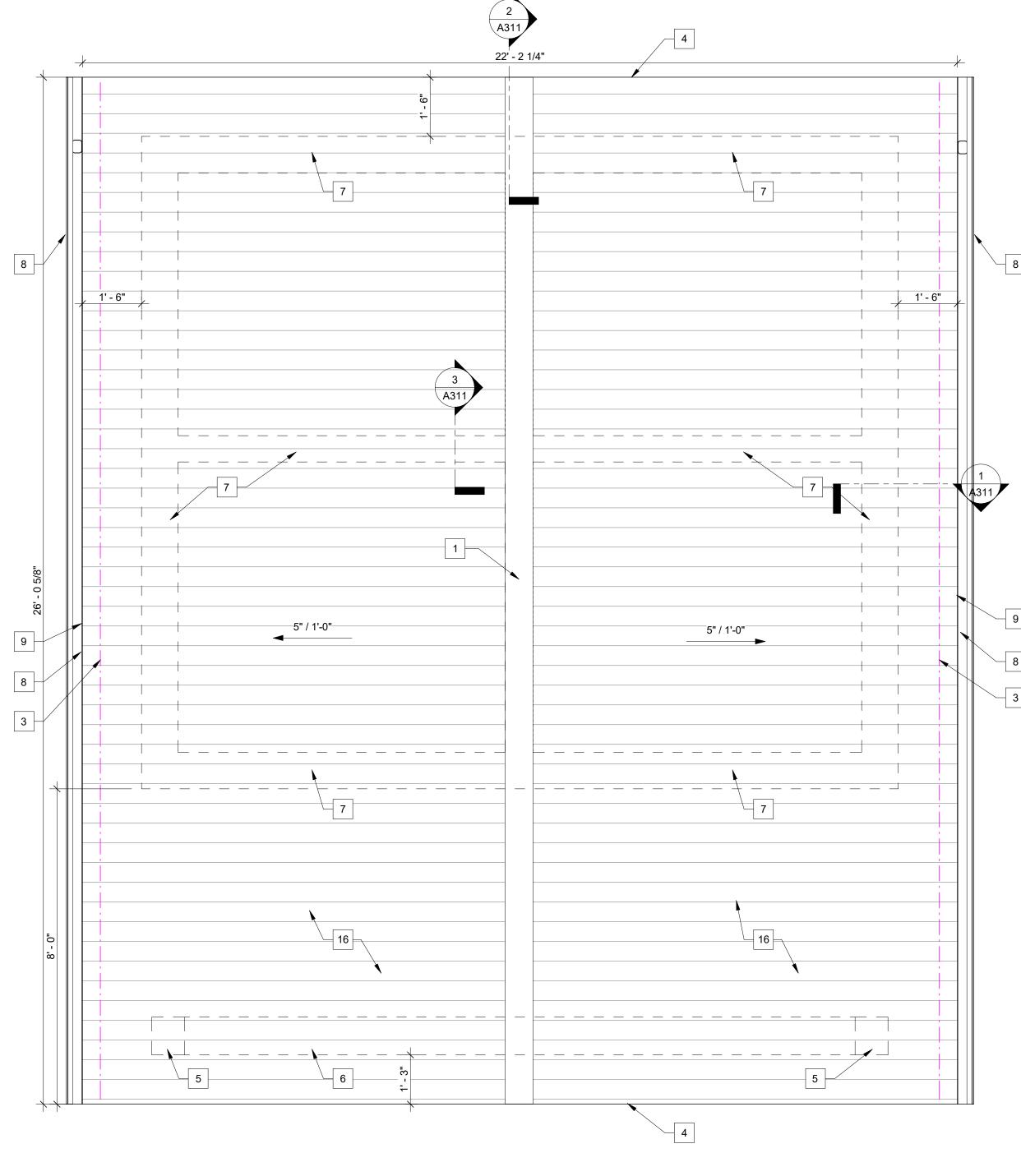
07.23.2025 04089.1.004 - Wesselman RR.rvt

A101









REFLECTED CEILING PLAN GENERAL NOTES

- 1. SEE SHEET A001 FOR PROJECT GENERAL NOTES.
- 2. FIRST FLOOR ELEVATION ESTABLISHED AT ELEVATION 00'-00".
- 3. ALL DIMENSIONS ARE FROM FINISHED FACE OF GYPSUM BOARD OR CENTERLINE OF LIGHT FIXTURE UNLESS NOTED OTHERWISE.
- 4. COORDINATE MECHANICAL, ELECTRICAL, AND PLUMBING INSTALLATIONS IN ORDER TO ACHIEVE AND MAINTAIN INDICATED CEILING AND SOFFIT HEIGHTS.
- 5. 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.
- 6. 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.
- 7. CEILINGS AND SOFFITS TO BE PLUMB, LEVEL, AND SQUARE TO ADJACENT PARTITIONS AND WALLS.

- 8. PROVIDE CONTROL JOINTS IN GYPSUM BOARD AND PLASTER CEILING SYSTEMS WHERE ONE OR MORE OF THE FOLLOWING CONDITIONS OCCUR:
- a. 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.
- d. OR AS NOTED OR INDICATED.e. CONSULT WITH ARCHITECT FOR EXACT LOCATIONS OF JOINTS.
- 9. LOCATE LIGHT FIXTURES AS INDICATED ON THIS PLAN; REFER TO ELECTRICAL DRAWINGS FOR CONTROLS, CIRCUITING, QUANTITIES, AND LIGHT FIXTURE SPECIFICATIONS.
- 10. CONTRACTOR TO PROVIDE APPROPRIATE LIGHT FIXTURE FOR CEILING / GRID TYPE IN WHICH IT IS TO BE LOCATED. APPROPRIATE FIXTURE TO MATCH MANUFACTURERS WRITTEN RECOMMENDATIONS AND SHALL INCLUDE ANY REQUIRED TRIM OR ACCESSORIES.
- 11. 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.

- 12. ALL PLUMBING PIPING, CONTROL WIRING, AND ELECTRICAL CONDUIT AND WIRING TO BE STRAIGHT, NEAT, AND HELD TIGHT TO DECK OR STRUCTURE
- 13. 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.
- 14. 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.
- 15. MECHANICAL DUCTWORK INDICATED FOR REFERENCE ONLY. REFER TO MECHANICAL DRAWINGS FOR DUCTWORK LAYOUT AND EXHAUST SYSTEM LOCATIONS AND SIZING.

2 ROOF PLAN

ROOF PLAN GENERAL NOTES

- 1. SEE SHEET A001 FOR PROJECT GENERAL NOTES.
- 2. FOLLOW MANUFACTURER'S WRITTEN RECOMMENDATION FOR INSTALLATION INSTRUCTIONS, AND UTILIZE MANUFACTURER'S APPROVED PRODUCT SPECIFIC ACCESSORIES, FASTENERS, AND COMPONENTS, UNLESS NOTED OTHERWISE.
- 3. COORDINATE ROOF CONSTRUCTION WITH TRUSS FABRICATOR WHERE REQUIRED.
- 4. 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.
- 5. 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.
- 6. 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.
- 7. PROVIDE CONTINUOUS DRIP EDGE ALONG ENTIRE PERIMETER OF ROOF. DRIP EDGE TO MATCH ADJACENT ROOF AND SOFFIT SURFACE COLOR.
- 8. PAINT ALL ROOF PENETRATIONS AND EXPOSED METAL SURFACES TO MATCH ADJACENT ROOF SURFACE.
- 9. PAINT ALL EXPOSED GAS PIPING SAFETY YELLOW TO MEET OSHA REQUIREMENTS.
- 10. CONTRACTOR TO PROVIDE ALL BLOCKING REQUIRED TO COMPLETE CONSTRUCTION.

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

No.11200132

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Wesselman Park

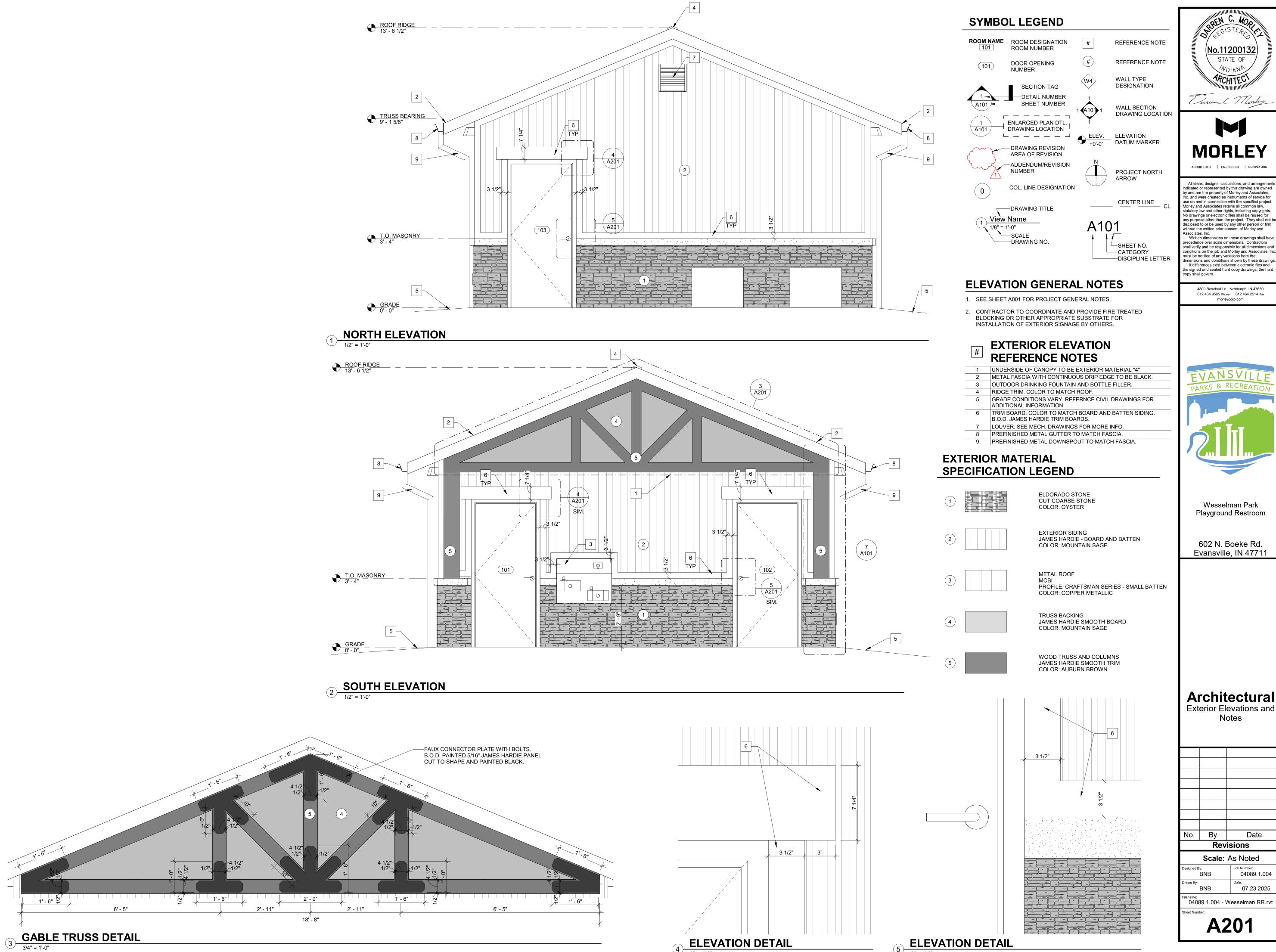
Playground Restroom

602 N. Boeke Rd.

Evansville, IN 47711

recedence over scale dimensions. Contractors

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4 ELEVATION DETAIL
3" = 1'-0"

ELEVATION DETAIL

1' - 6" = 7

No.11200132 ARCHITEC

Tanen C Morley

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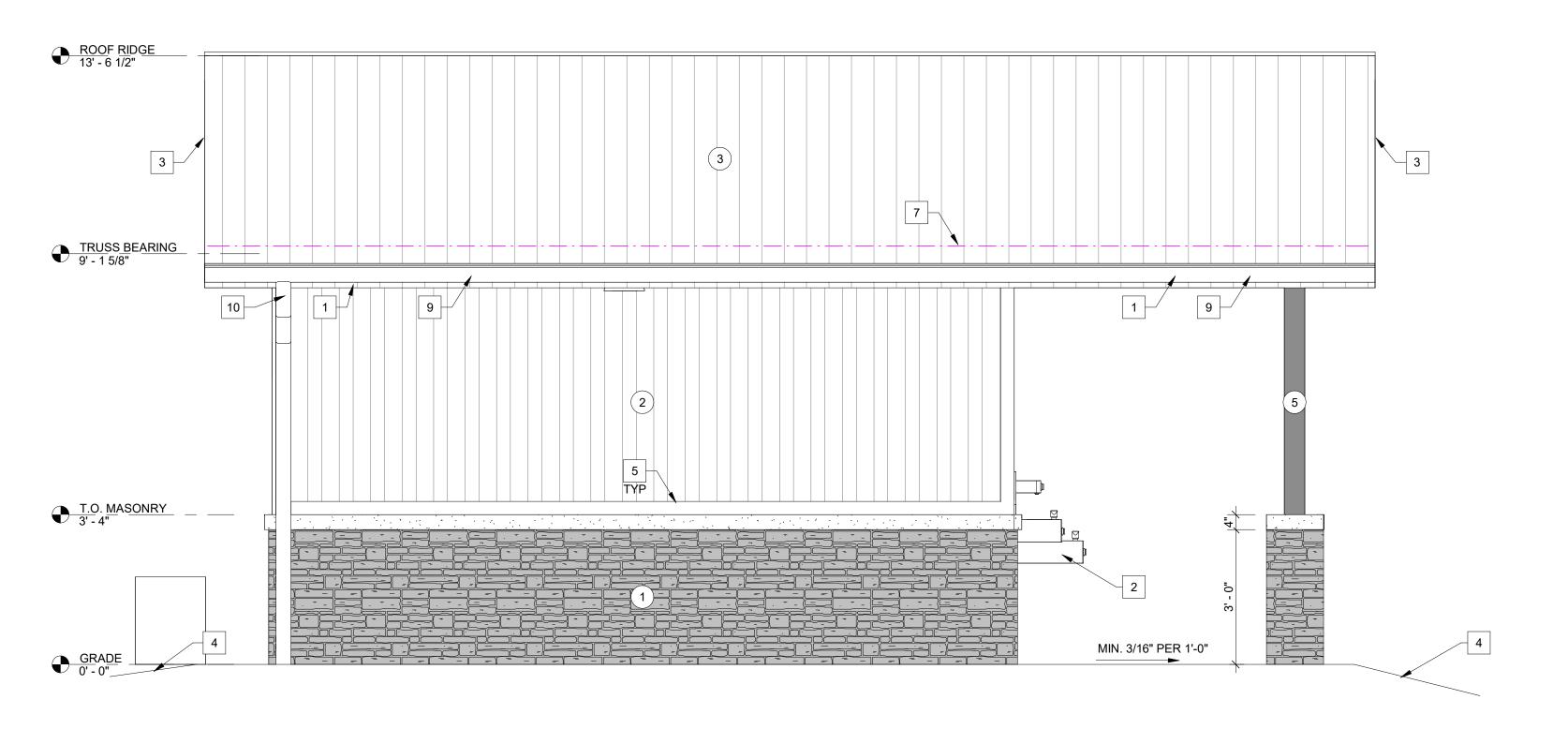
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Revisions

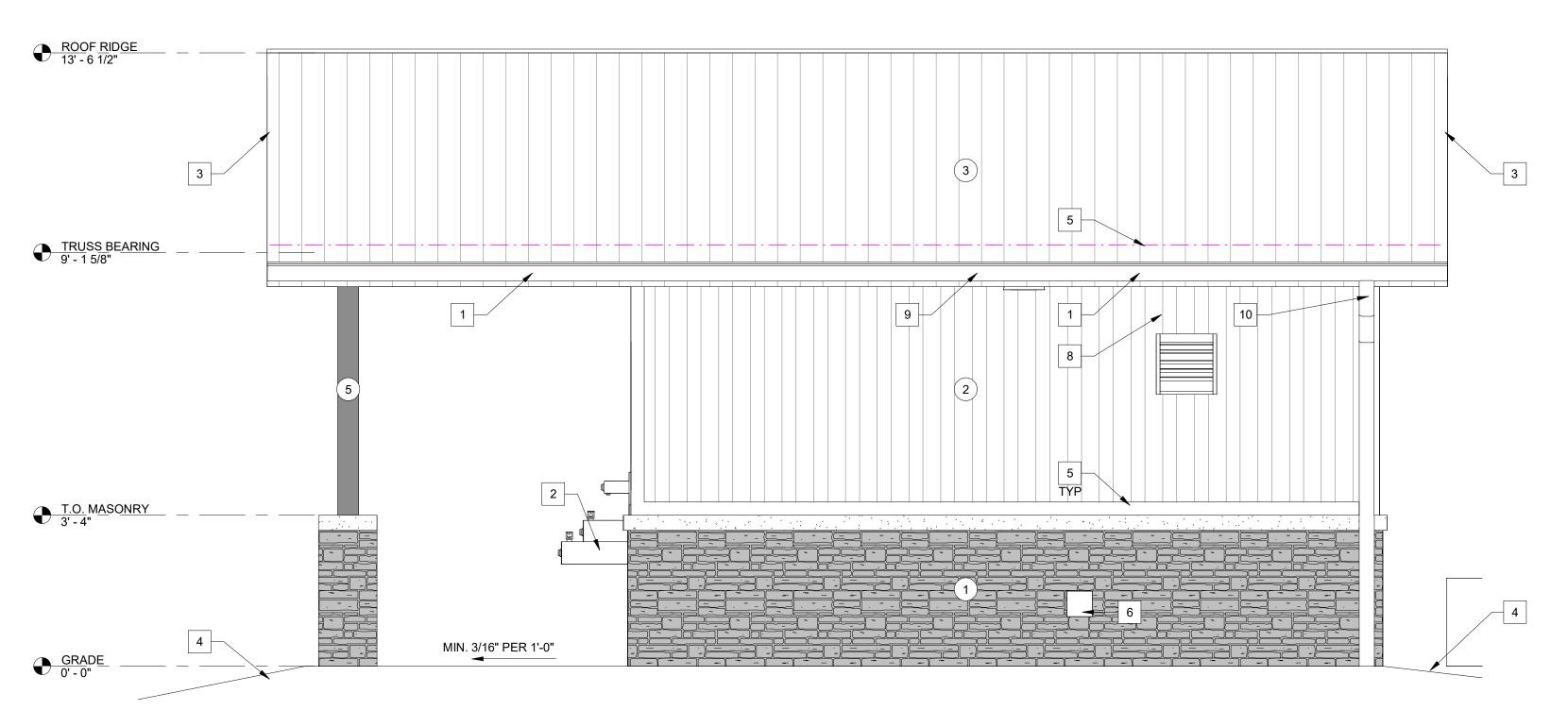
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Job Number: 04089.1.004 07.23.2025

A201



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



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

SYMBOL LEGEND

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

ELEVATION GENERAL NOTES

- 1. 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

METAL FASCIA WITH CONTINUOUS DRIP EDGE AND ROCK STOP TO BE BLACK.

___CATEGORY

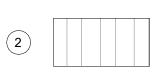
—DISCIPLINE LETTER

- OUTDOOR DRINKING FOUNTAIN AND BOTTLE FILLER. 3 RAKE TRIM. COLOR TO MATCH FASCIA.
- 4 GRADE CONDITIONS VARY. REFERNCE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
- TRIM BOARD. COLOR TO MATCH BOARD AND BATTEN SIDING. B.O.D. JAMES HARDIE TRIM BOARDS.
- 6 HOSEBIB. SEE AND PLUMB. DRAWINGS FOR ADDITIONAL INFOMATION.
- 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.

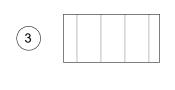
EXTERIOR MATERIAL SPECIFICATION LEGEND



ELDORADO STONE CUT COARSE STONE COLOR: OYSTER

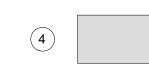


EXTERIOR SIDING JAMES HARDIE - BOARD AND BATTEN COLOR: MOUNTAIN SAGE



METAL ROOF

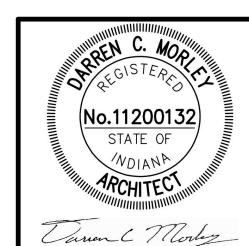
MCBI PROFILE: CRAFTSMAN SERIES - SMALL BATTEN COLOR: COPPER METALLIC



TRUSS BACKING JAMES HARDIE SMOOTH BOARD COLOR: MOUNTAIN SAGE



WOOD TRUSS AND COLUMNS JAMES HARDIE SMOOTH TRIM COLOR: AUBURN BROWN





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Architectural Exterior Elevations and

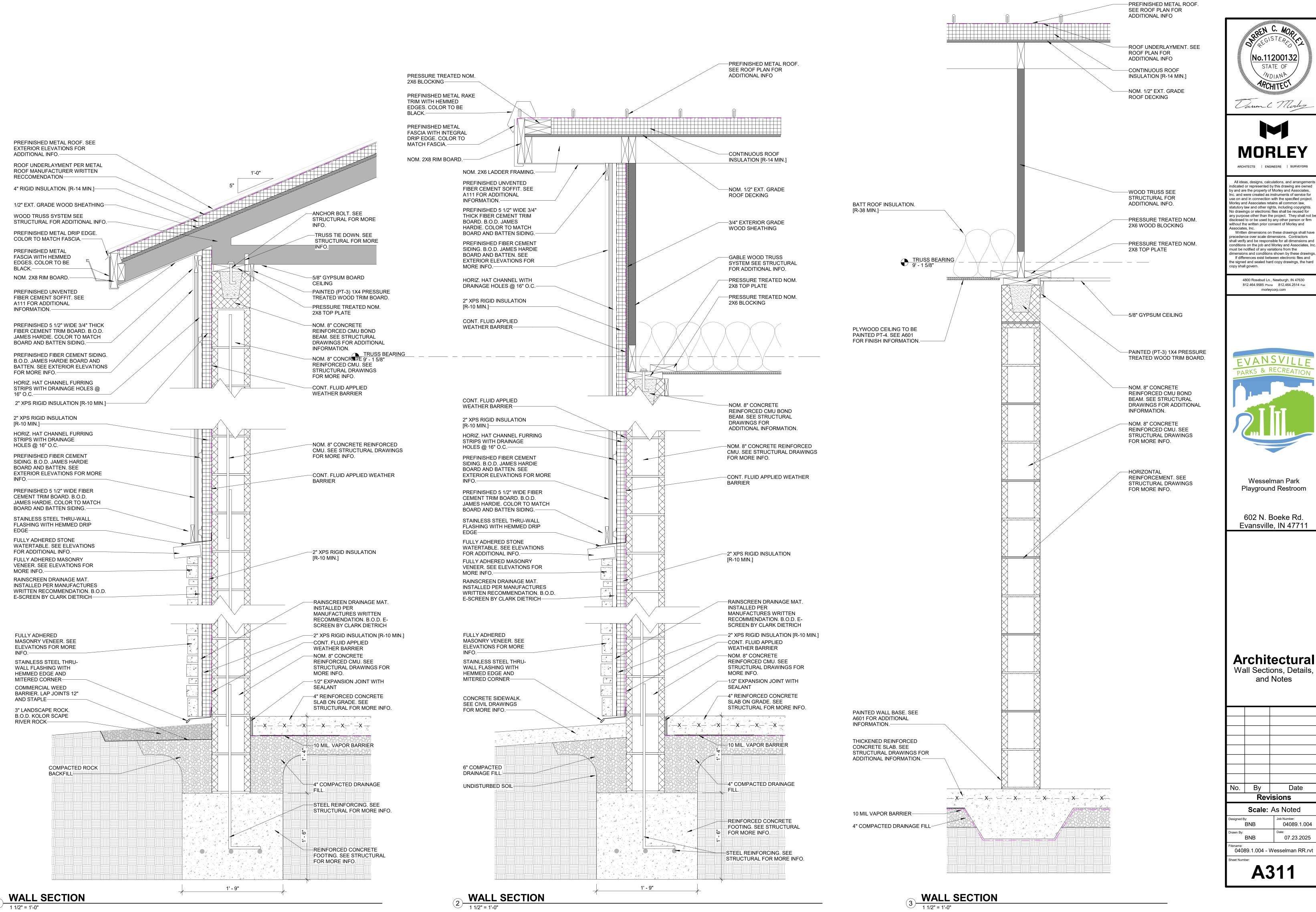
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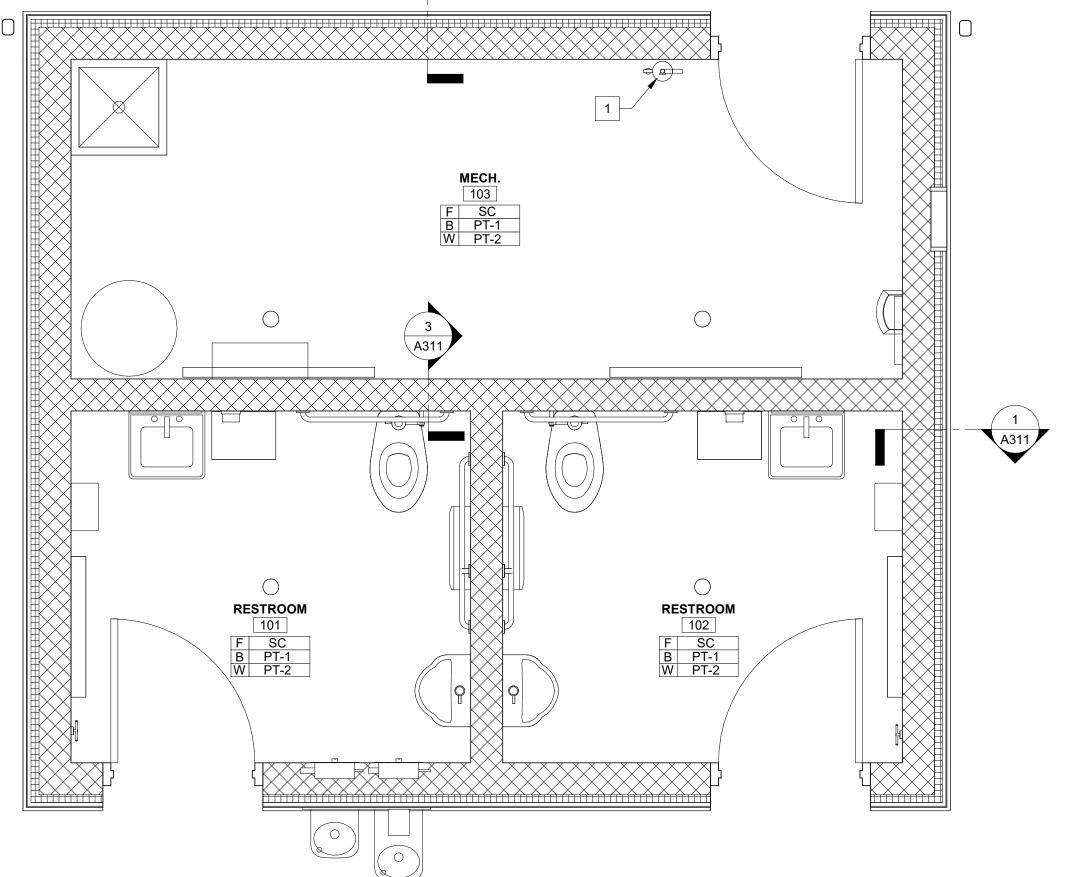


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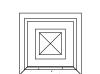
FINISHES SCHEDULE

	ROOM	FLOOR	BASE	WALLS	CEILING	REMARKS
NUMBER	NAME				FINISH	
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













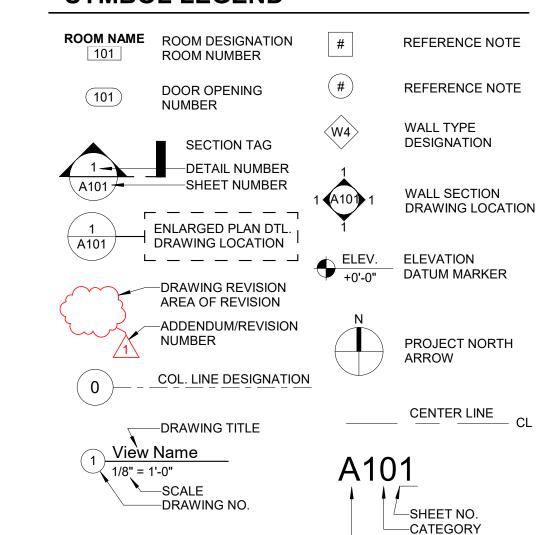
ROOM FINISH GENERAL NOTES

- 1. SEE SHEET A001 FOR PROJECT GENERAL NOTES.
- CONTRACTOR SHALL COORDINATE ALL FINISH SELECTIONS WITH TENANT.
- 3. ALL INTERIOR FINISHES SHALL BE CLASS "C" MINIMUM, UNLESS NOTED OTHERWISE.
- 4. SUBMITTALS:
- a. LEAD TIME SCHEDULE: CONTRACTOR SHALL PROVIDE NOTICE OF ALL LONG LEAD TIME ITEMS AND REQUIRED APPROVAL DATE TO ELIMINATE POSSIBLE PROJECT DELAYS.
- b. 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.
- c. 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:
- d. ARCHITECTS PROJECT NUMBER DESCRIPTION, I.E. "9999 LIGHTING FIXTURES.PDF"
- e. 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:
- f. ARCHITECTS PROJECT NUMBER DESCRIPTION, I.E. "9999 CASEWORK SHOP DRAWINGS.PDF"
- 5. 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.
- 6. 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.
- 7. 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.
- 8. PROVIDE A SMOOTH LEVEL TRANSITION BETWEEN ALL FLOOR FINISHES. PROVIDE LEVELER AT FLOORING TRANSITIONS WHERE MATERIAL THICKNESS IS GREATER THAN 1/8" (MINIMUM 36").
- 9. 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.
- 10. CONTRACTOR TO PREPARE SUBSTRATE TO BE SMOOTH AND LEVEL PRIOR TO INSTALLING NEW FLOOR FINISHES.
- 11. PROVIDE LEVEL 4 FINISH ON ALL NEW GYPSUM BOARD SURFACES.
- 12. 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.
- 13. CONTRACTOR TO REMOVE ALL HARDWARE, SWITCH COVERS, AND ETC. PRIOR TO PAINTING AND BE RESPONSIBLE FOR REINSTALLATION AFTER PAINTING IS COMPLETE.
- 14. PATCH / REPAIR AND REFINISH ANY EXISTING CONSTRUCTION TO REMAIN TO MATCH NEW CONSTRUCTION.
- 15. ALL FINISHES SHALL BE TOUCHED UP TO CORRECT ANY IMPERFECTIONS AFTER APPLICATION.

CONTENTS AND APPLICATION LOCATION.

- 16. PROVIDE / INSTALL ALL EDGE, CORNER, AND JOINT ACCESSORIES AS SPECIFIED OR RECOMMENDED BY WALL COVERING MANUFACTURER
- 17. ALL WALL COVERINGS, VENEER, AND TRIM FINISHES SHALL BE MITERED 45 DEGREES WHEN JOINING AT CORNERS.
- 18. 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

SYMBOL LEGEND



PAINT SPECIFICATIONS

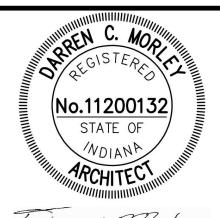
- PAINT SPECIFICATIONS ARE BASIS OF DESIGN ARCHITECT APPROVED EQUAL FROM THE FOLLOWING MANUFACTURES WILL BE ACCEPTED: BENJAMIN MOORE; PPG PAINT. CONSULT ARCHITECT REGARDING SUBSTITUTIONS 48 HOURS (MINIMUM PRIOR TO BIDDING.
- 2. CONTRACTOR TO FOLLOW MANUFACTURES WRITTEN RECOMMENDATIONS REGARDING SURFACE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



1 WALL MOUNTED FIRE EXTINGUISHER AND BRACKET





MORLEY

ARCHITECTS | ENGINEERS | SURVEYORS

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Wesselman Park Playground Restroom

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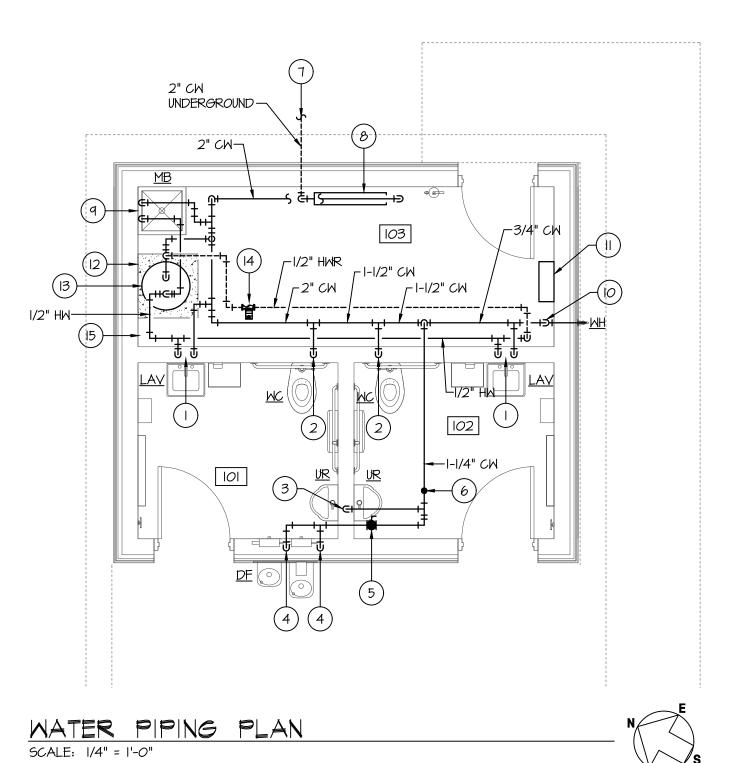
Architectural Finish Plan, Schedule,

and Notes

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Drawn By:	BNB	Date: 07.23.2025				

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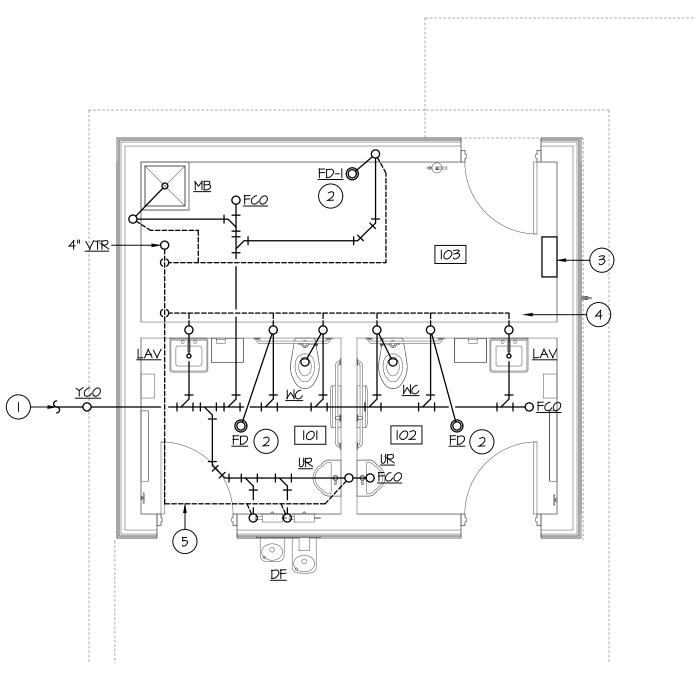


WATER PIPING PLAN NOTES:

- 1/2" CW AND 1/2" HW SHALL DROP IN WALL AND CONNECT TO:
 - SET THERMOSTATIC MIXING VALVE TO 105° F.
- I-I/4" CW SHALL DROP IN WALL AND CONNECT TO:
 - PROVIDE WATER HAMMER ARRESTER ZURN MODEL 1260XL-A
- I-I/4" CW SHALL DROP IN WALL AND CONNECT TO:
- 1/2" CW SHALL DROP IN WALL AND CONNECT TO:
- PROVIDE ACCESS DOOR IN CEILING AT LOCATION OF VALVE ACCESS DOOR SHALL BE: ACUDOR BP-58 BAUCO PLUS
 - PROVIDE WITH TAMPER RESISTANT TORX HEAD CAM LATCH
- WATER HAMMER ARRESTER ZURN MODEL 1260XL-A
- SEE SITE UTILITY PLAN FOR CONTINUATION.
- BACKFLOW PREVENTER
- SEE "DOMESTIC WATER PIPING DIAGRAM" SHEET PIO3.
- 1/2" CW AND 1/2" HW SHALL DROP EXPOSED ON WALL AND CONNECT TO:
 - SET THERMOSTATIC MIXING VALVE TO IIO° F.
- 3/4" CW SHALL DROP EXPOSED ON WALL AND CONNECT TO: - WH - MOUNT CENTER 20" ABOVE FINISHED GRADE
 - PROVIDE BALL VALVE IN VERTICAL.
- ELECTRICAL PANEL. SEE ELECTRICAL DRAWINGS.
- CONCRETE PAD. SEE "INDOOR CONCRETE PAD DETAIL" SHEET PIO3.
- WATER HEATER. SEE "WATER HEATER PIPING DIAGRAM" SHEET PIO3.
- HOT WATER RECIRCULATION PUMP. SEE "WATER HEATER PIPING DIAGRAM" SHEET PIO3.
- ROUTE PIPING BELOW DUCTWORK. SEE HVAC DRAWINGS. COORDINATE WITH DIVISION 23 CONTRACTOR.



ROOM NO.	ROOM NAME
101	RESTROOM
102	RESTROOM
103	MECHANICAL



SANITARY PIPING PLAN SCALE: 1/4" = 1'-0"



SANITARY PIPING PLAN NOTES:

- SEE SITE UTILITY PLAN FOR CONTINUATION.
- PROVIDE A PRECISION PLUMBING PRODUCTS MODEL PR-500 TRAP PRIMER VALVE FOR FLOOR DRAIN. INSTALL ON WATER LINE SERVING <u>WC</u>. PROVIDE BALL VALVE ON INLET TO TRAP PRIMER. ROUTE 1/2" TYPE K COPPER DOWN WALL AND UNDERSLAB TO TRAP PRIMER CONNECTION. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
- ELECTRICAL PANEL. SEE ELECTRICAL DRAWINGS.
- ROUTE VENT PIPING BELOW DUCTWORK. SEE HVAC DRAWINGS. COORDINATE WITH DIVISION 23 CONTRACTOR.
- VENT LOCATED ABOVE CEILING.

GENERAL SANITARY NOTES:

- 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, EQUIPMENT, 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 ROUTINGS WITH OTHER TRADES.
- 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 TRADE'S WORK. NO CLAIM FOR COSTS WILL BE ALLOWED FOR RELOCATING PIPING, EQUIPMENT, ETC. THAT INTERFERES WITH OTHER TRADES WORK.
- 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
- PROVIDE ADDITIONAL OFFSETS IN PIPING AS REQUIRED TO AVOID INTERFERENCE WITH STRUCTURE, DUCTWORK, ELECTRICAL, ETC.
- ALL EQUIPMENT SHALL BE INSTALLED PER NEC REQUIREMENTS AND TO ALLOW FOR CODE REQUIRED CLEARANCES AND MANUFACTURER'S RECOMMENDED CLEARANCES.
- DO NOT ROUTE ANY PIPING OVER ELECTRICAL PANELS, DISCONNECTS, ETC. COORDINATE WITH DIVISION 26 CONTRACTOR. ANY PIPING ROUTED OVER ELECTRICAL PANELS, DISCONNECTS, ETC. WILL BE RELOCATED AT NO ADDITIONAL COST.
- SEE "SANITARY PIPING DIAGRAM" SHEET PIO4 FOR ALL SANITARY PIPE AND VENT SIZES NOT SHOWN ON THIS SHEET.
- PROVIDE PIPE SLEEVES AT ALL PIPING PENETRATIONS OF MASONRY
- PROVIDE ESCUTCHEONS AT ALL EXPOSED PIPING PENETRATIONS OF WALLS.
- ALL PVC PIPING PENETRATING FLOOR SLAB SHALL BE WRAPPED WITH 1/2" THICK FLEXIBLE ELASTOMERIC INSULATION WHERE IN CONTACT WITH CONCRETE.
- ALL PVC PIPING CONCEALED IN CONCRETE BLOCK WALLS HALL BE WRAPPED WITH I/2" THICK FLEXIBLE ELASTOMERIC INSULATION.
- FOR YARD CLEANOUTS LOCATED IN EARTH, SET CLEANOUT IN CAST-IN PLACE CONCRETE. 18"x18"x12" DEEP WITH TOP OF CONCRETE 1" ABOVE SURROUNDING GRADE.

GENERAL WATER NOTES:

- 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, EQUIPMENT, 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 ROUTINGS WITH OTHER TRADES.
- 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 TRADE'S WORK. NO CLAIM FOR COSTS WILL BE ALLOWED FOR RELOCATING PIPING, EQUIPMENT, ETC. THAT INTERFERES WITH OTHER TRADES WORK.
- 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
- PROVIDE ADDITIONAL OFFSETS IN PIPING AS REQUIRED TO AVOID
- INTERFERENCE WITH STRUCTURE, DUCTWORK, ELECTRICAL, ETC.
- ALL EQUIPMENT SHALL BE INSTALLED PER NEC REQUIREMENTS AND TO ALLOW FOR CODE REQUIRED CLEARANCES AND MANUFACTURER'S RECOMMENDED CLEARANCES.
- DO NOT ROUTE ANY PIPING OVER ELECTRICAL PANELS, DISCONNECTS, ETC. COORDINATE WITH DIVISION 26 CONTRACTOR. ANY PIPING ROUTED OVER ELECTRICAL PANELS, DISCONNECTS, ETC. WILL BE RELOCATED AT NO ADDITIONAL COST.
- PROVIDE PIPE SLEEVES AT ALL PIPING PENETRATIONS OF MASONRY
- PROVIDE ESCUTCHEONS AT ALL EXPOSED PIPING PENETRATIONS OF WALLS.
- ALL COPPER WATER PIPING LOCATED UNDERGROUND SHALL BE INSULATED WITH I" THICK FLEXIBLE ELASTOMERIC INSULATION.
- UNDERGROUND WATER PIPING NOT LOCATED UNDER THE BUILDING SLAB: THE MINIMUM DEPTH OF ALL WATER SUPPLY PIPING MEASURED FROM FINISHED GRADE TO THE TOP OF THE PIPE SHALL BE 48".
- SEE "SEISMIC RESTRAINTS AND VIBRATION ISOLATION" SHEET PIO2 FOR SEISMIC RESTRAINT REQUIREMENTS.
- SEE "SANITARY PIPING PLAN" THIS SHEET FOR TRAP PRIMERS.





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Wesselman Park Playground Restroom

602 N. Boeke Rd. Evansville, IN 47711

Plumbing

Sanitary and Water **Piping Plans**

No.	Ву	Date

Revisions Scale: As Noted

BLC 04089.1.004 BLC 07.03.2025

P101.DWG

P101

PLUMBING SPECIFICATIONS IT IS THE INTENT OF THESE SPECIFICATIONS TO COVER FIRST CLASS WORKMANSHIP THROUGHOUT. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, TOOLS AND EQUIPMENT TO INSTALL ALL PERSONNEL SHALL BE THOROUGHLY TRAINED AND EXPERIENCED IN THE PRODUCTS INVOLVED AND PLUMBING SYSTEMS INDICATED ON THE DRAWINGS. 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 DELIVER MATERIALS TO THE PROJECT IN GOOD CONDITION. STORE MATERIALS OFF GROUND AND REJECTION OF COMPLETED WORK. PROTECTED FROM THE ELEMENTS. MATERIALS AND EQUIPMENT SHALL BE NEW AND INSTALLED AS INDICATED ON THE DRAWINGS AND / AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE FROM THE SITE AND OR SPECIFICATIONS. THEY SHALL BE INSTALLED PLUMB AND TRUE-TO-LINE WITH ADJACENT DISPOSE OF ALL RUBBISH AND DISCARDED MATERIALS AND RESTORE DISTURBED AREAS AND WORK. WHERE INSTALLATION METHODS ARE NOT SPECIFICALLY COVERED BY THE DRAWINGS AND / SURFACES. PROVIDE ENTIRE INSTALLATION THOROUGHLY FREE FROM OIL, GREASE, DIRT, ETC. OR SPECIFICATIONS, FIRST CLASS TRADE PRACTICES AND MANUFACTURER'S INSTRUCTIONS AND AFTER COMPLETING ALL TESTS AND BEFORE WORK IS TURNED OVER TO THE OWNER. RECOMMENDATIONS SHALL GOVERN. THE CONTRACTOR SHALL KEEP ACCURATE RECORDS OF ALL PIPING AND EQUIPMENT THAT CAREFULLY EXAMINE ALL ARCHITECTURAL, STRUCTURAL, PLUMBING, HVAC AND ELECTRICAL DEVIATED FROM THE DRAWINGS. WITHIN 90 DAYS OF SUBSTANTIAL COMPLETION, THE DRAWINGS PERTAINING TO THE CONSTRUCTION. COOPERATE WITH OTHER TRADES IN LOCATING CONTRACTOR SHALL PRESENT TO THE OWNER'S REPRESENTATIVE A MARKED SET OF DESIGN PIPING, EQUIPMENT, ETC. IN ORDER TO AVOID CONFLICT WITH OTHER TRADE'S WORK. NO CLAIM PRINTS WITH INDICATED CHANGES. FOR COSTS WILL BE ALLOWED FOR RELOCATING EQUIPMENT, PIPING, ETC. THAT INTERFERES WITH ALL PIPING THROUGH FOUNDATION WALLS SHALL BE SLEEVED AND SEALED WITH NON-SHRINK OTHER TRADES WORK. GROUT. SLEEVE SHALL BE ONE TO TWO PIPE SIZES GREATER THAN THE PIPE PASSING THROUGH 4 IN ADDITION TO ANY STANDARD GUARANTEE PROVIDED BY THE MANUFACTURER, THE CONTRACTOR THE WALL. SLEEVES SHALL BE SCHEDULE 40 GALVANIZED STEEL, ASTM A53, GRADE A OR B. SHALL FURNISH TO THE OWNER A WRITTEN GUARANTEE AGAINST DEFECTS IN MATERIALS AND THE CONTRACTOR SHALL VERIFY IN FIELD EXACT LOCATIONS, SIZES AND ELEVATIONS AND SHALL WORKMANSHIP FOR ALL APPARATUS AND MATERIALS FURNISHED AND FOR ENTIRE WORKMANSHIP PROVIDE SLEEVE SEAL SYSTEMS FOR PIPE PENETRATIONS THROUGH SLEEVE. 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 ALL PENETRATIONS THROUGH MASONRY WALLS SHALL BE PROVIDED WITH PROPER SIZED SLEEVES. SEAL ALL PIPE SLEEVES WITH APPROPRIATE CAULKING. ALL PIPE SLEEVES SHALL OR MATERIAL PROVIDED. BE SCHEDULE 40 GALVANIZED STEEL, ASTM A53, GRADE A OR B. 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., ALL PIPING SHALL BE IDENTIFIED AFTER INSULATION WITH THE FOLLOWING DESIGNATIONS: - COLD WATER UNLESS SPECIFICALLY DIMENSIONED ON THE DRAWINGS, SHALL BE DETERMINED IN THE FIELD. MAKE REASONABLE MODIFICATIONS IN THE INSTALLATION SO ALL PIPING, EQUIPMENT, ETC. FIT - HOT WATER PROPERLY AND CAN BE SERVICED. COORDINATE ALL INSTALLATIONS AND ROUTING WITH OTHER - HOT WATER RETURN PIPE MARKERS SHALL BE PRESSURE SENSITIVE VINYL AND CONFORM TO ANSI AI3I.I. PIPE PLUMBING EQUIPMENT AND INSTALLATION SHALL CONFORM TO THE LATEST EDITION OF THE: MARKERS SHALL BE APPLIED AT EACH VALVE, NEAR EACH BRANCH CONNECTION AND EVERY 20 - STATE BUILDING CODE FEET IN STRAIGHT RUNS. INCLUDE FLOW ARROWS. MINIMUM LETTER SIZE SHALL BE AS FOLLOWS: - STATE PLUMBING CODE FOLLOWS: - STATE MECHANICAL CODE - STATE FIRE CODE - I-I/4" AND SMALLER PIPE - I/2" LETTER SIZE - STATE ENERGY CODE - I-I/2" TO 2" PIPE - 3/4" LETTER SIZE - NATIONAL ELECTRIC CODE - 2-1/2" AND LARGER PIPE - 1-1/4" LETTER SIZE - APPLICABLE OSHA AND NFPA STANDARDS - COUNTY AND CITY BUILDING REGULATIONS AND CODES INSTALL PIPE MARKERS WITH I" MINIMUM LAP CIRCUMFERENTIALLY AROUND PIPE INSULATION. COLOR OF PIPE MARKERS AND BANDS SHALL BE IN ACCORDANCE WITH ANSI AI3.I. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PLUMBING PENETRATIONS REQUIRED THROUGH THE CONTRACTOR SHALL TEST THE PLUMBING SYSTEM PER THE STATE PLUMBING CODE. CLEAN WALLS, FLOORS, ROOFS, ETC. AND FLUSH ALL POTABLE WATER LINES AFTER TESTS ARE COMPLETED UNTIL LINE RUN CLEAN AND INSTALL PROPER ADAPTERS AT ALL CHANGES IN PIPING MATERIALS. THEN CHLORINATE 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 INSTALL DIELECTRIC UNIONS / COUPLINGS OR INSULATED FLANGE KITS AT ALL JUNCTIONS OF DISSIMILAR METAL PIPING SYSTEMS. JOB BEFORE FINAL PAYMENT IS AUTHORIZED. CONTRACTOR SHALL NOTIFY ENGINEER TWO DAYS IN ADVANCE OF ALL TESTS IN ORDER TO WITNESS EACH TEST. ALL VALVES SHALL BE INSTALLED IN LOCATIONS WHERE THEY ARE ACCESSIBLE AND ABLE TO PROVIDE ADDITIONAL OFFSETS IN PIPING AS REQUIRED TO AVOID INTERFERENCE WITH STRUCTURE. BE OPERATED AND MAINTAINED. PROVIDE ACCESS PANELS AS REQUIRED. RECORD ALL VALVE DUCTWORK, ELECTRICAL, ETC. LOCATIONS ON "AS-BUILT" DRAWINGS. THE CONTRACTOR SHALL ARRANGE AND PAY FOR ALL PLUMBING PERMITS AND INSPECTIONS AS PROVIDE ESCUTCHEONS AT ALL EXPOSED PIPING PENETRATIONS OF WALLS AND CEILINGS. REQUIRED BY LOCAL ORDINANCES. BALL VALVES FOR WATER SHALL BE TWO-PIECE, FULL PORT, LEAD FREE BRONZE WITH STAINLESS UNLESS INDICATED OTHERWISE, SANITARY DRAIN PIPING SHALL BE SOLID WALL TYPE DWV PLASTIC. STEEL BALL AND TRIM. PROVIDE HANDLE EXTENSIONS IN INSULATED PIPING. ALL PIPE HANGERS SHALL BE GALVANIZED CLEVIS TYPE HANGERS. UNLESS INDICATED OTHERWISE, SANITARY VENT PIPING SHALL BE SOLID WALL TYPE DWV PLASTIC. 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 BI6-22, STREAMLINED PATTERN. 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 COPPER WATER PIPING SHALL BE INSULATED WITH I" THICK FLEXIBLE ELASTOMERIC INSULATION. 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. INSULATE THE FOLLOWING PIPING WITH FIBERGLASS INSULATION CONFORMING TO ASTM C547, CLASS I WITH THE THICKNESS INDICATED. PROVIDE WITH ALL SERVICE JACKET. COLD WATER - I" THICK HOT WATER - I" THICK HOT WATER RETURN - I" THICK 19 ALL PVC PIPING PENETRATING FLOOR SLAB SHALL BE WRAPPED WITH 1/2" THICK FLEXIBLE ELASTOMERIC INSULATION WHERE IN CONTACT WITH CONCRETE. ALL PIPING SHALL BE INSTALLED WITH SUFFICIENT CLEARANCE FOR INSTALLATION OF INSULATION. COORDINATE WITH OTHER TRADES. 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. INSTALL HANGERS FOR PIPING WITH MAXIMUM HORIZONTAL AND VERTICAL SPACING AND MINIMUM ROD DIAMETERS TO COMPLY WITH MSS-58, LOCALLY ENFORCED CODES AND AUTHORITIES HAVING JURISDICTION REQUIREMENTS, WHICHEVER ARE MOST STRINGENT.

SEISMIC RESTRAINTS AND VIBRATION ISOLATION 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 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 RESPONSIBLITY 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 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.





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Wesselman Park Playground Restroom

602 N. Boeke Rd. Evansville, IN 47711

Plumbing Specifications

No.	Ву	Date					
	Rev	isions					
	Scale: As Noted						
Designed B	•	Job Number:					
	BLC	04089.1.004					
Drawn By:		Date:					
	BLC	07.03.2025					

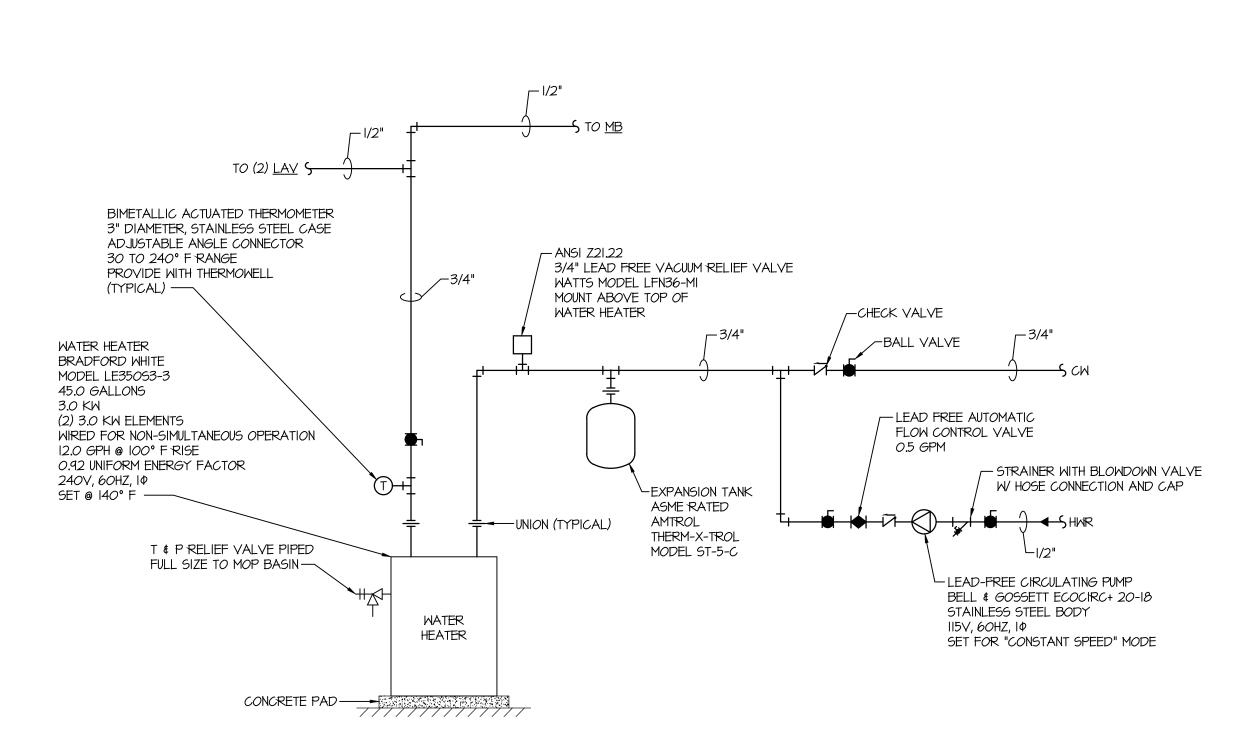
P102 P103 P104 DWG

	FIX	FURE SCHEDULE		ROL	6H-	N SCHEDULE	REMARKS	
SYMBOL	MANUFACTURER & MODEL	TRIM & ACCESSORIES	HM	CM	WASTE	MOUNTING HEIGHT		
		ZURN ZER6000AV-CPM I.6 GPF FLUSH VALVE					COLOR SHALL BE WHITE	
		CHURCH 95009SCT SEAT					ZURNSHIELD CERAMIC GLAZE	
1.16	ZURN	CLOSET BOLT AND WAX RING				FLOOD	SEAT: IAPMO/ANSI ZI24.5-2013 COMMERCIAL HEAVY DUTY	
MC	Z5665-BWLI-AM			l l'	4"	FLOOR	BATTERY OPERATED FLUSH VALVE	
		ZURN ZER6003AV-CPM I.O GPF FLUSH VALVE					COLOR SHALL BE WHITE	
UR	ZURN Z5755-U			3/4"	2"	17" TO TOP OF RIM	BATTERY OPERATED FLUSH VALVE	
		ZURN Z86100-XL SINGLE BASIN METERING FAUCET					18 GAUGE 304 STAINLESS STEEL LAVATORY W/ OVERFLOW	
	AV JUST MANUFACTURING A33338-J	JUST MANUFACTURING J-35-SSF-VR STAINLESS STEEL DRAIN		1/2"	I-I/2"	SEE ADA DETAIL THIS SHEET	VANDAL RESISTANT STAINLESS STEEL DRAIN	
		DRAIN AND SUPPLY ADA INSULATOR KIT					0.5 GPM FLOW RATE	
		ANGLE STOPS	 				LAMINAR OR AERATOR OUTLET	
LAY		P-TRAP	1/2				LEAD FREE FAUCET	
		WATTS LFUSG-B-M2 ASSE STANDARD 1070 MIXING VALVE					VANDAL RESISTANT ADA COMPLIANT HANDLE	
		CHICAGO FAUCET 835-XKRCF FAUCET					COLOR SHALL BE WHITE	
		FIAT 832-AA HOSE AND BRACKET				FLOOR MOUNTED		
		FIAT 889-CC MOP HANGER						
MB	FIAT MSB-2424	FIAT E-77-AA VINYL BUMPER GUARD	1/2"	1/2"	3"			
	1100 2 12 1	STAINLESS STEEL WALL GUARDS						
		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	
DF	HAMS			1/2"	- /4"	PER MANUFACTURER'S	VANDAL RESISTANT	
וע	III9FRP			"/~	- /4"	INSTRUCTIONS	1920FR BOTTLE FILLER	
							(3) 652IFR FREEZE RESISTANT VALVE ASSEMBLIES	
							BP32 BACK PANEL FOR BOTTLE FILLER	

SYMBOL	MANUFACTURER & MODEL	REMARKS		
		3" ADJUSTABLE FLOOR DRAIN WITH:		
		DURA COATED CAST-IRON BODY		
FD	ZURN ZN415B-VP-TP	TYPE "B" 7" P NICKEL BRONZE STRAINER		
	ZITIJD YI II	VANDAL PROOF SECURED TOP		
		1/2" TRAP RPIMER CONNECITON		
		4" ADJUSTABLE FLOOR DRAIN WITH:		
		DURA COATED CAST-IRON BODY		
FD-I	ZURN ZN415B-VP-TP	TYPE "B" 7" P NICKEL BRONZE STRAINER		
	Zivilob II	VANDAL PROOF SECURED TOP		
		1/2" TRAP RPIMER CONNECITON		
	ZURN ZNI400-VP	ADJUSTABLE FLOOR CLEANOUT WITH:		
ECO		DURA-COATED CAST-IRON BODY		
FCO		POLISHED NICKEL BRONZE TOP		
		VANDAL-PROOF SCREWS		
		HEAVY DUTY CLEANOUT HOUSING		
		DURA-COATED CAST IRON		
		DOUBLE FLANGED HOUSING		
YCO	ZURN Z1474-N-VP	HEAVY DUTY SECURED SCORIATED CAST IRON COVER		
	2	ZI440 INTERNAL CLEANOUT		
		HOUSING FREE OF PIPING		
		VANDAL PROOF SCREW		
		ENCASED ECOLOTROL WALL HYDRANT		
		NON-FREEZE		
		ANTI-SIPHON		
		AUTOMATIC DRAINING		
MH	ZURN ZI320XL-CL	3/4" INLET		
	ZIOZOAL-OL	LEAD FREE		
		CERAMIC DISC		
		STAINLESS STEEL HOUSING W/ CYLINDER LOCK		
		OPERATING KEY		

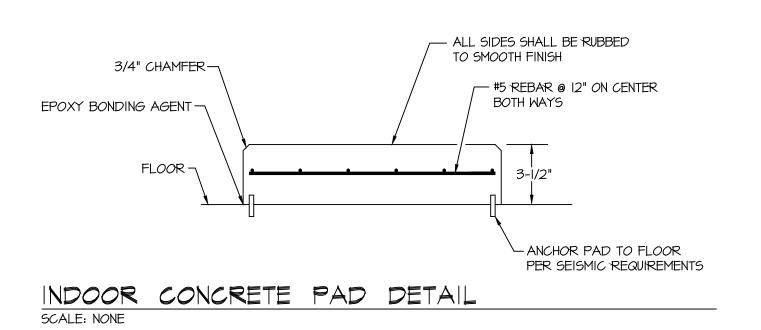
SCHEDULE NOTES:

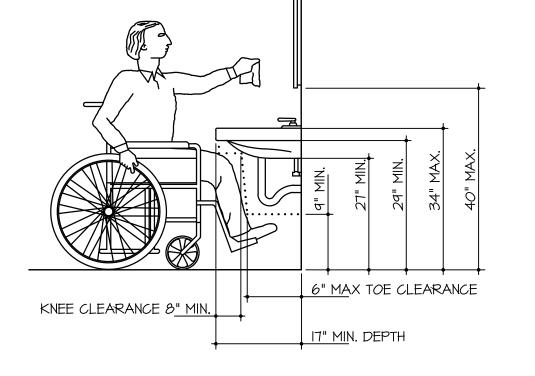
- I. ALL P-TRAPS SHALL BE 17 GAGE CHROME PLATED WITH DEEP FLANGE ESCUTCHEON.
- 2. RISERS SHALL BE STAINLESS STEEL BRAIDED HOSE.
- 3. ANGLE STOPS SHALL BE CHROME PLATED, QUARTER-TURN BALL VALVES; BRASS CRAFT KT SERIES.
- 4. ESCUTCHEONS FOR SUPPLIES SHALL BE CHROME PLATED.
- 5. ALL FAUCETS SHALL BE CONSTRUCTED WITH CERAMIC DISC COMPONENTS.6. SEAL FIXTURES AT WALL USING SILICONE SEALANT. COLOR SHALL MATCH FIXTURE.



WATER HEATER PIPING DIAGRAM

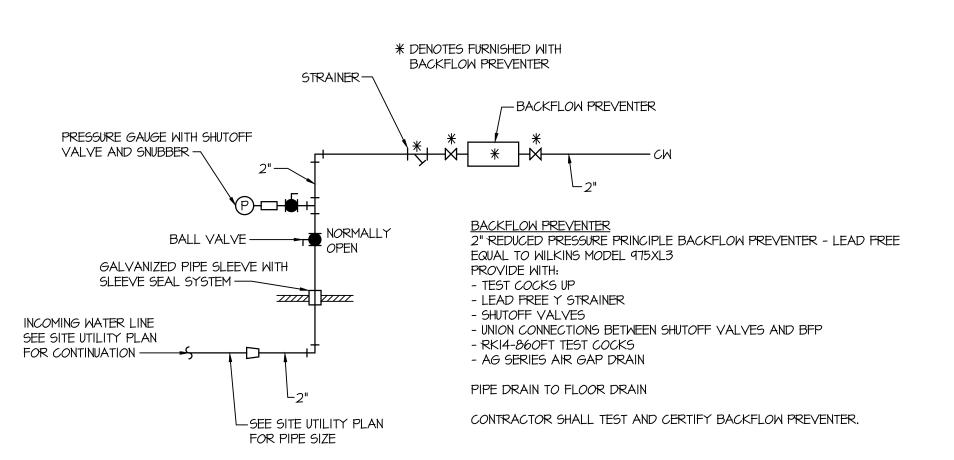
SCALE: NONE





ADA LAVATORY CLEARANCES

SCALE: NONE



DOMESTIC WATER PIPING DIAGRAM
SCALE: NONE





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Wesselman Park Playground Restroom

602 N. Boeke Rd. Evansville, IN 47711

Plumbing

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Revisions

Scale: As Noted

BLC

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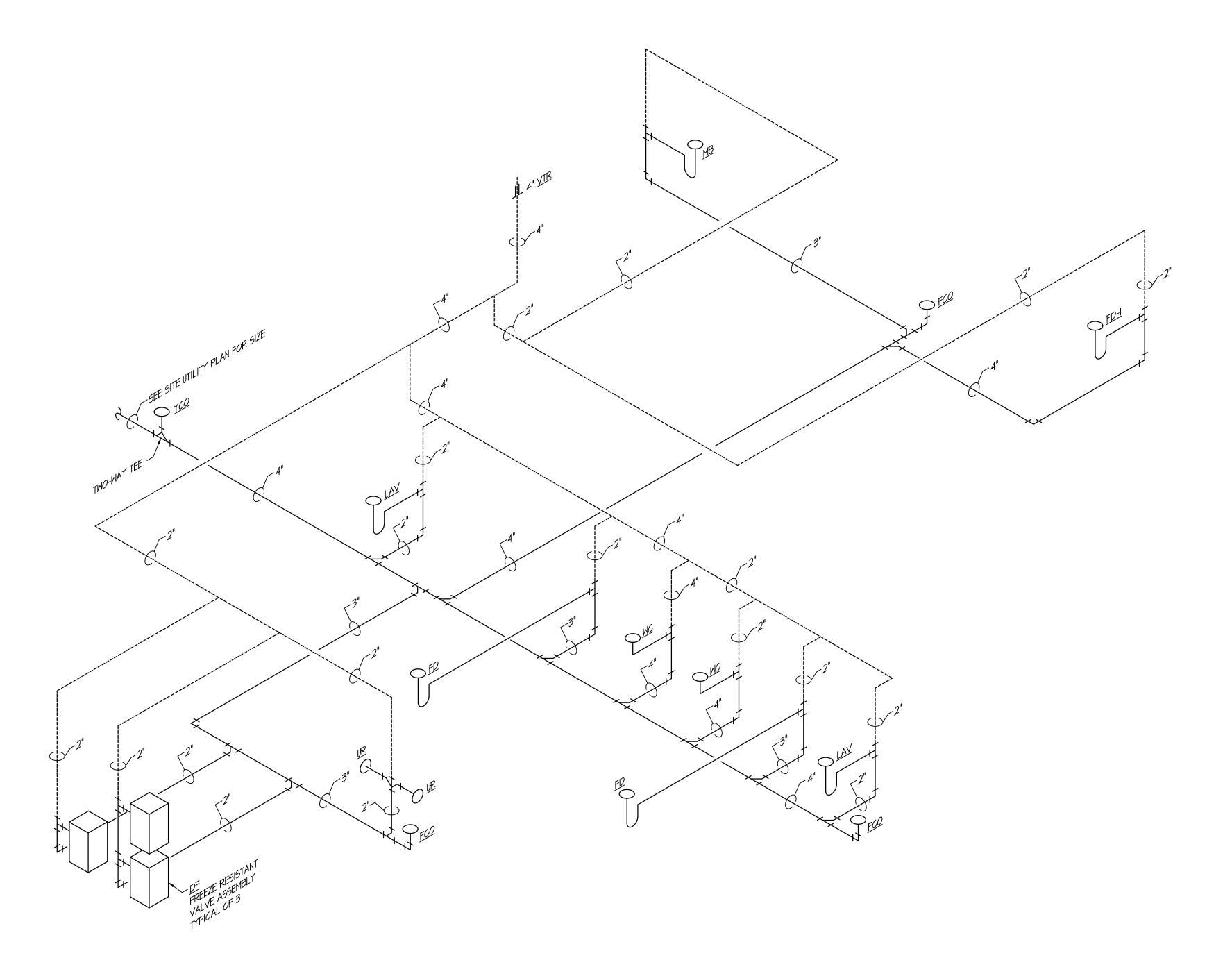
Date:

BLC 07.03.2025

Float P102 P103 P104.DWG

Sheet Number:

P103



SANITARY PIPING DIAGRAM
SCALE: NONE





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Wesselman Park Playground Restroom

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Plumbing Sanitary Piping

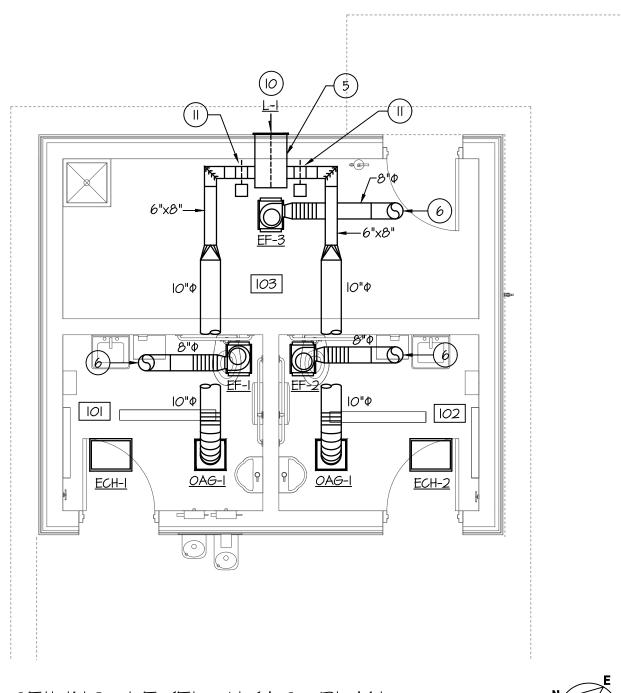
Diagram

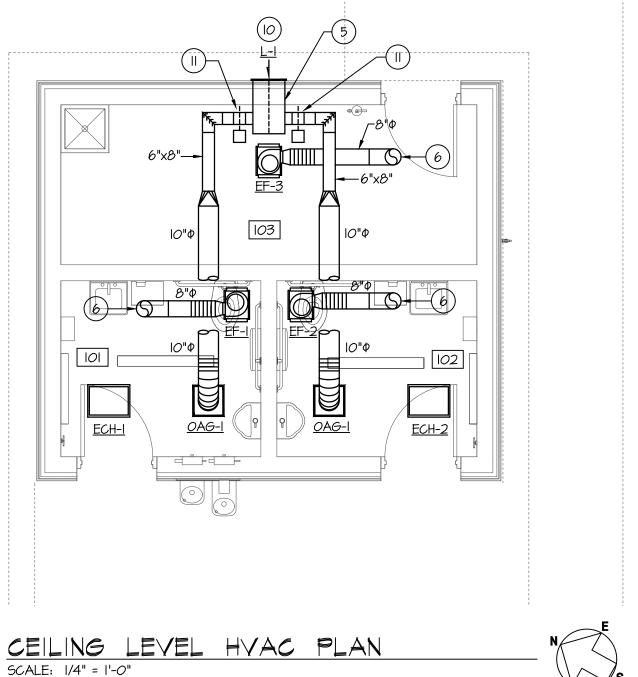
No. By Date Revisions

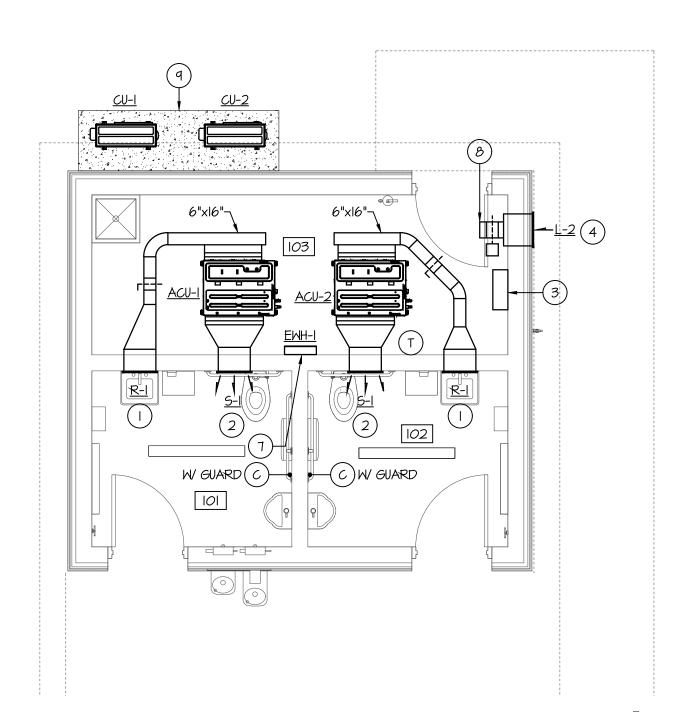
Scale: As Noted Job Number: 04089.1.004

07.03.2025 F102 P103 P104.DWG

P104







BELOW CEILING LEVEL HVAC PLAN

SCALE: 1/4" = 1'-0"

ROOM NO.	ROOM NAME
101	RESTROOM
102	RESTROOM
103	MECHANICAL
	101

HVAC PLAN NOTES:

(I) MOUNT BOTTOM OF GRILLE AT 6'-8" ABOVE FINISHED FLOOR.

ELECTRICAL PANEL. SEE ELECTRICAL DRAWINGS.

SHEET METAL PLENUM WITH DIVIDER IN MIDDLE.

MOUNT BOTTOM OF GRILLE AT 7'-4" ABOVE FINISHED FLOOR.

MOUNT BOTTOM OF LOUVER AT 6'-8" ABOVE FINISHED FLOOR.

8" EXHAUST AIR DUCT UP TO ROOF CAP. TRANSITION TO ROOF CAP

MOUNT BOTTOM OF ELECTRIC WALL HEATER 8" ABOVE FINISHED FLOOR.

8"x6" OUTSIDE AIR DUCT OPEN ON END. PROVIDE 1/2"x1/2" WIRE MESH ON

CONCRETE PAD. SEE "OUTDOOR CONCRETE PAD DETAIL" SHEET MIO2.

MOUNT ACTUATOR ON BOTTOM OF DUCT. PROVIDE DRYWALL ACCESS

SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.

DOOR IN CEILING FOR ACCESS TO DAMPER ACTUATOR.

INLET SIZE NEAR ROOF PENETRATION. ROOF CAP FURNISHED WITH

GENERAL HYAC NOTES:

- DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF DUCTWORK, PIPING, ETC. DO NOT SCALE THE DRAWINGS. THE EXACT LOCATION AND / OR ROUTING OF DUCTWORK, PIPING, ETC. UNLESS SPECIFICALLY DIMENSIONED ON THE DRAWINGS, SHALL BE DETERMINED IN THE FIELD. MAKE REASONABLE MODIFICATIONS IN THE INSTALLATION SO ALL DUCTWORK, PIPING, EQUIPMENT, ETC. FIT PROPERLY AND CAN BE SERVICED.
- CAREFULLY EXAMINE ALL ARCHITECTURAL, STRUCTURAL, PLUMBING, HVAC AND ELECTRICAL DRAWINGS PERTAINING TO THE CONSTRUCTION. COOPERATE WITH OTHER TRADES IN LOCATING DUCTWORK, PIPING, EQUIPMENT, ETC. IN ORDER TO AVOID CONFLICT WITH OTHER TRADE'S WORK. NO CLAIM FOR COSTS WILL BE ALLOWED FOR RELOCATING DUCTWORK, PIPING, EQUIPEMENT, ETC. THAT INTERFERES WITH OTHER TRADES WORK.
- HVAC 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
 - PROVIDE ADDITIONAL OFFSETS IN DUCTWORK AS REQUIRED TO AVOID
- INTERFERENCE WITH STRUCTURE, PIPING, ELECTRICAL, ETC.
- SEE SHEET MIO4 FOR TEMPERATURE CONTROL REQUIREMENTS.
- SEE SHEET MIO2 FOR SEISMIC RESTRAINT REQUIREMENTS.
- PROVIDE LINTELS IN ALL MASONRY WALL OPENINGS. SEE ARCHITECTURAL AND / OR STRUCTURAL DRAWINGS FOR LINTEL SIZES.
- CONNECT DUCTWORK TO AIR CONDITIONING UNITS WITH FLEXIBLE CONNECTORS.
- ALL DUCTWORK SHALL BE SEALED PER REQUIREMENTS OF ASHRAE STANDARD 90.1-2007.
- MAXIMUM FLEXIBLE DUCT LENGTH FOR CONNECTING TO GRILLES AND DIFFUSERS SHALL BE 3'-0"
- FLEXIBLE DUCT SHALL HAVE A MINIMUM R VALUE OF 6.0.
- ALL EQUIPMENT SHALL BE INSTALLED PER NEC REQUIREMENTS AND TO
- ALLOW FOR CODE REQUIRED CLEARANCES AND MANUFACTURER'S RECOMMENDED CLEARANCES.
- IF HVAC EQUIPMENT IS USED PRIOR TO SUBSTANTIAL COMPLETION, PROVIDE TEMPORARY FILTER MEDIA AT ALL RETURN AND EXHAUST AIR GRILLES.
- PROVIDE NEW FILTERS IN ALL HVAC EQUIPMENT AT TIME OF SUBSTANTIAL COMPLETION.
- THE CONTRACTOR SHALL MOUNT AND / OR WIRE ALL EQUIPMENT DEVICES
- NOT FACTORY MOUNTED AND / OR WIRED.
- ALL EXPOSED DUCTWORK SHALL BE EXTERNALLY INSULATED WITH FIBERGLASS BOARD INSULATION.
- ALL CONCEALED DUCTWORK SHALL BE EXTERNALLY INSULATED WITH FIBERGLASS BLANKET INSULATION.
- FIBERGLASS BLANKET INSULATION UNLESS INDICATED OTHERWISE
 - I-I/2" THICK 0.75 PCF MINIMUM INSTALLED R VALUE OF 4.2
- PROVIDE WITH FSK FACING
- FIBERGLASS BOARD INSULATION: I-I/2" THICK 3.0 PCF
 - R VALUE OF 6.5 PROVIDE WITH ALL SERVICE JACKET
- ALL DUCTWORK SHALL BE 690 GALVANIZED UNLESS INDICATED OTHERWISE.
- 21 AT ALL EXPOSED DUCT PENETRATIONS THROUGH WALLS AND CEILING, PROVIDE A SHEET METAL FLANGE AROUND DUCT TO COVER ANY GAP BETWEEN DUCT AND OPENING.
- PROVIDE ANY MISCELLANEOUS STEEL OR WOOD AS REQUIRED TO ATTACH EQUIPMENT TO STRUCTURE.
- AIR CONDITIONING UNITS <u>ACU-I</u> AND <u>ACU-2</u>:: ROUTE CONDENSATE TO MOP BASIN OR FLOOR DRAIN IN MECHANICAL 103. SEE "SANITARY PIPING PLAN" SHEET PIOI FOR LOCATION OF FLOOR DRAIN.
- AIR CONDITIONING UNITS <u>ACU-1</u> AND <u>ACU-2</u>: PIPE AIR CONDITIONING UNIT TO ASSOCIATED CONDENSING UNIT PER MANUFACTURER'S INSTRUCTIONS. PIPE SIZES SHALL BE THE RESPONSIBILITY OF THE EQUIPMENT MANUFACTURER / SUPPLIER.
- PROVIDE (2) COATS OF UV PROTECTIVE COATING ON ALL FLEXIBLE
- ELASTOMERIC INSULATION LOCATED OUTSIDE.
- DO NOT ROUTE ANY DUCTWORK OVER ELECTRICAL PANELS, DISCONNECTS, ETC. COORDINATE WITH DIVISION 26 CONTRACTOR. ANY DUCTWORK ROUTED OVER ELECTRICAL PANELS, DISCONNECTS, ETC. SHALL BE RELOCATED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- CAULK JOINT BETWEEN CONTROL DAMPER FRAME AND DUCT AIR TIGHT.
- AIR CONDITIONING UNITS $\underline{ACU-I}$ / $\underline{CU-I}$ AND $\underline{ACU-2}$ / $\underline{CU-2}$: INSULATE ALL REFRIGERANT PIPING.





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Wesselman Park Playground Restroom

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HVAC

HVAC Plans

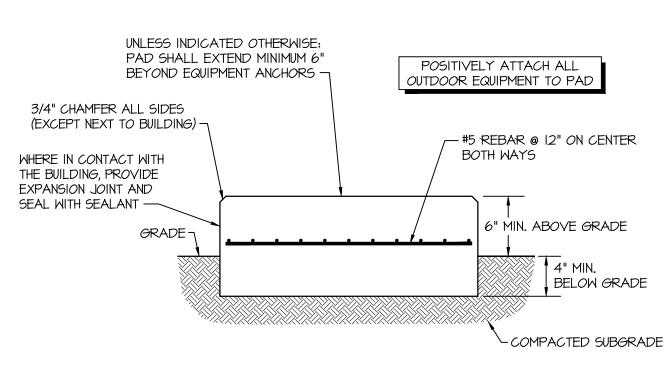
No. By Date Revisions

> BLC 04089.1.004 BLC 07.03.2025

Scale: As Noted

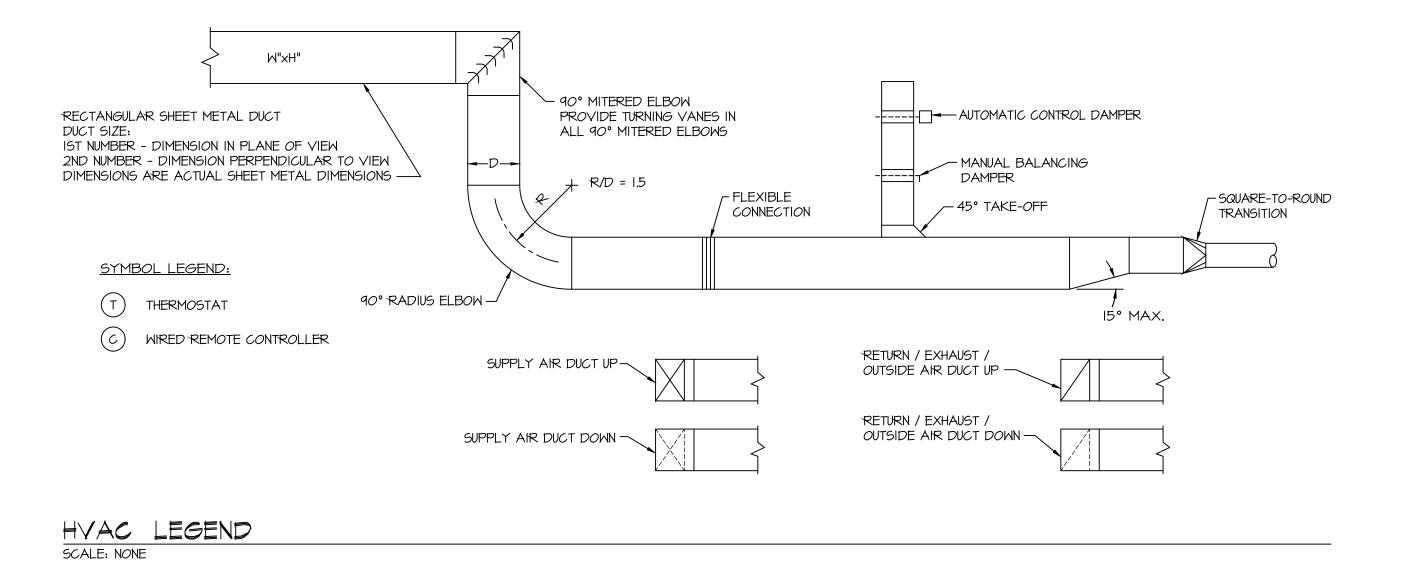
M101.DWG

HVAC SPECIFICATIONS 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. 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. COOPERATE WITH OTHER TRADES IN LOCATING DUCTWORK, PIPING, EQUIPMENT, ETC. IN ORDER TO AVOID CONFLICT WITH OTHER TRADE'S WORK. 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. FURNISH ALL LABOR, MATERIAL, TOOLS AND EQUIPMENT TO INSTALL ALL HVAC SYSTEMS AS INDICATED ON THESE DRAWINGS. DELIVER MATERIALS TO 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 ALL OIL, GREASE, DIRT, ETC. BEFORE WORK IS TURNIED OVER TO THE OWNER. THE MECHANICAL CONTRACTOR SHALL KEEP ACCURATE RECORDS OF ALL PIPING, DUCTWORK AND EQUIPMENT THAT DEVIATED FROM THE DRAWINGS. WITHIN 90 DAYS OF SUBSTANTIAL COMPLETION, THE CONTRACTOR SHALL PRESENT TO THE OWNER'S REPRESENTATIVE A MARKED SET OF DESIGN PRINTS WITH INDICATED CHANGES. DUCTWORK: COMPLY WITH SMACNA'S "HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE" FOR ACCEPTABLE MATERIALS, MATERIAL THICKNESSES AND DUCT CONSTRUCTION METHODS. ALL DUCTWORK SHALL BE SEALED PER REQUIREMENTS OF ASHRAE STANDARD 90.1-2007. ALL PIPING PENETRATIONS THROUGH WALLS SHALL BE PROVIDED WITH PROPER SIZED GALVANIZED PIPE SLEEVES. SEAL ALL PIPE SLEEVES WITH APPROPRIATE CAULK. ALL DUCTWORK, PIPING AND EQUIPMENT SHALL BE IDENTIFIED AFTER INSULATION WITH MARKERS. A FACTORY TRAINED REPRESENTATIVE SHALL PROVIDE OWNER TRAINING. 14 THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL HVAC FEES AND PERMITS. PIPING MATERIALS SHALL BE AS FOLLOWS: A. REFRIGERANT PIPING - ASTM B 280, TYPE ACR DRAWN TEMPER COPPER WITH BRAZED JOINTS - ASTM B 88, TYPE L DRAWN TEMPER COPPER WITH BRAZED JOINTS B. CONDENSATE DRAIN LINES - SCHEDULE 40 PVC 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. PIPE AND EQUIPMENT INSULATION SHALL BE AS FOLLOWS: A. CONDENSATE DRAIN - INSIDE - I" FLEXIBLE ELASTOMERIC B. REFRIGERANT PIPING - I" FLEXIBLE ELASTOMERIC 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.



OUTDOOR CONCRETE PAD DETAIL SCALE: NONE

SEISMIC RESTRAINTS AND VIBRATION ISOLATION 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. 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 DUCTWORK, PIPING, EQUIPMENT, CONDUIT, 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, DUCTWORK, PIPING, CONDUIT, 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 STEEL OR WOOD 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 RESPONSIBLITY FOR DETERMINING THE EQUIPMENT, PIPING, DUCTWORK, CONDUIT, 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. - EXHAUST FANS - ELECTRIC WALL HEATER - ELECTRIC CEILING HEATERS - AIR CONDITIONING UNITS THE FOLLOWING EQUIPMENT SHALL BE SUSPENDED FROM THE STRUCTURE WITH VIBRATION ISOLATORS: <u> ACU-2</u> 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.







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Wesselman Park Playground Restroom

602 N. Boeke Rd. Evansville. IN 47711

HVAC

Specifications and

Details

No. By Date

Revisions

 Scale: As Noted

 igned By:
 Job Number:

 BLC
 04089.1.004

07.03.2025

ename: M102 M103 M104.DWG

mber:

SCHEDULE OF LOUVERS									
SYMBOL	MANUFACTURER	SERVICE	MODEL	SIZE	CFM	APD IN-WG	FREE AREA SF	FREE AREA VELOCITY FPM	NOTES
L-I	GREENHECK	INTAKE	ESD-403	16"x16"	280	0.031	0.66	425	I, 2
L-2	GREENHECK	INTAKE	ESD-403	16"x16"	140	0.008	0.66	2 3	1, 2

NOTES:

- I. PROVIDE WITH:
 - ALUMINUM BIRDSCREEN (SAME COLOR AS LOUVER)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-I / ROOM IOI	INTAKE	GREENHECK	VCD-23	8"x6"	OPPOSED BLADE	140	SPRING RETURN	TWO POSITION	CLOSED	I, 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	CL05ED	1, 2

NOTES:

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

SCHEDULE OF ELECTRIC WALL HEATERS									
SYMBOL	MOUNTING	MANUFACTURER	SERIES	WATTAGE	ELECTRICAL	AMPS	NOTES		
EMH-I	SURFACE	MARKEL	3320	2000	240V, 60HZ, IФ	8.3			

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-I	RECESSED	MARKEL	3380	4000	240V, 60HZ, 1¢	16.8	Ι		
ECH-2	RECESSED	MARKEL	3380	4000	240V, 60HZ, 1¢	16.8	I		

NOTES:

- I. PROVIDE WITH:
- CONTROL CIRCUIT FOR USE WITH REMOTE THERMOSTAT
 DISCONNECT 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-I	GREENHECK	SP	B200	CEILING EXHAUST	140	0.5	0.5	DIRECT	-	794	-	172.0 W	2.7	-	-	120V, 60HZ, ΙΦ	6.0	CEILING	ı
EF-2	GREENHECK	SP	B200	CEILING EXHAUST	140	0.5	0.5	DIRECT	-	794	-	172.0 W	2.7	-	-	120V, 60HZ, ΙΦ	6.0	CEILING	1
EF-3	GREENHECK	SP	B200	CEILING EXHAUST	140	0.5	0.5	DIRECT	-	794	-	172.0 W	2.7	-	-	120V, 60HZ, 1¢	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 C AMBIENT TEMPERATURE - UL/CUL 507 LISTED - ELECTRIC FAN
- SOLID STATE SPEED CONTROLLER MOUNTED AND WIRED INTERNALLY ROOF JACK RJ-6x9
- 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
5-1	PRICE	HEAVY DUTY DOUBLE DEFLECTION	920	-	16"x8"	-	355	14-20-34	< I5	-	0.03	SIDEWALL	1, 2
R-I	PRICE	HEAVY DUTY LOUVERED FACE W FILTER	96FH	-	16"x16"	-	355	-	< I5	0.01	-	SIDEWALL	1, 3, 6, 7
OAG-I	PRICE	PERFORATED FACE	APDDR	16"x16	ΙΟ"Φ	-	140	-	< I5	0.01	-	LAY-IN	I, 4, 5

NOTES:

- I. 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 & PLEATED MEDIA FILTER

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, MOCP, 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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Associates, Inc.
Written dimensions on these drawings shall have precedence over scale dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and Morley and Associates, Inc. must be notified of any variations from the dimensions and conditions shown by these drawings. If differences exist between electronic files and the signed and sealed hard copy drawings, the hard copy shall govern.

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Wesselman Park Playground Restroom

602 N. Boeke Rd. Evansville, IN 47711

HVAC

Schedules

No. By Date

By Date

Revisions

Scale: As Noted

Job Number: 04089.1.004

n By: Date: 07.03.2025

M102 M103 M104.DWG

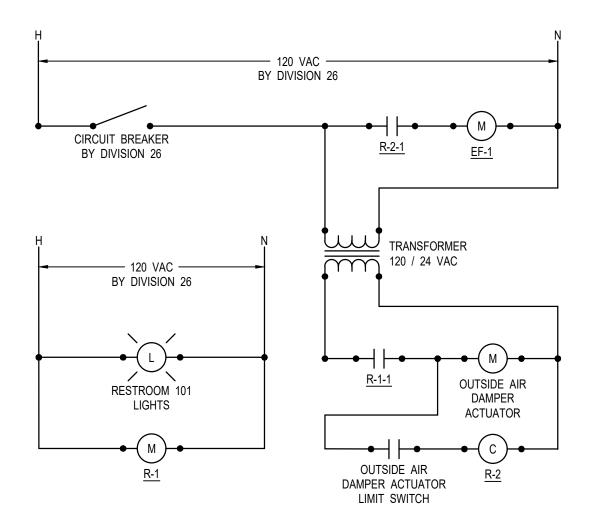
	SCHEDULE OF SPLIT SYSTEM HEAT PUMPS																	
MANUFACTURER	TYPE		INDOOR UNIT					OUTDOOR UNIT					, CAPACITY 1BH)	HEATING CAPACITY	SEER	HSPF	NOTES	
		SYMBOL	MODEL	TYPE	VOLTAGE	FLA	FLA	SYMBOL	MODEL	VOLTAGE	MCA	MOP	TOTAL	SENSIBLE	(MBH)			
LG	HEAT PUMP	ACU-I	KNUJBO91A	DUCTED - MID STATIC	-	-	_	CU-I	KUSXB091A	230V, 60HZ, IФ	13.4	15.0	9000	8660	10,500	16.4	10.4	1, 2, 3, 4, 5, 6
L6	HEAT PUMP	ACU-2	KNUJBO91A	DUCTED - MID STATIC	_	-	-	CU-2	KUSXB091A	230V, 60HZ, 1¢	13.4	15.0	9000	8660	10,500	16.4	10.4	1, 2, 3, 4, 5, 6

NOTES

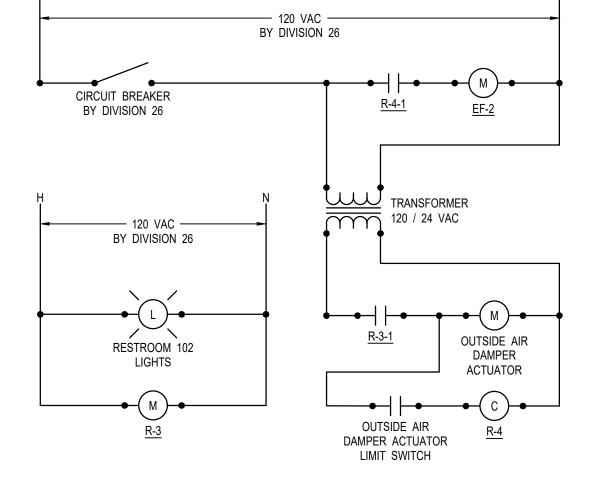
- I. COOLING CAPACITY BASED ON 80.0° F DB / 67.0° F WB INDOOR AND 95.0° F DB OUTDOOR. HEATING CAPACITY BASED ON 70° F DB INDOOR AND 5.0° F WB OUTDOOR.
- 2. PROVIDE WITH:- WIRED MULTISITE CRC2 REMOTE CONTROLLER MODEL PREMTBVC2
 - AUXILIARY HEATER CONTROLLER MODEL PRARHI
- INVERTER COMPRESSOR - INDOOR UNIT DRAIN PAN LEVEL SENSOR
- 3. CONTROLLER SHALL CYCLE ONE STAGE OF AUXILIARY HEAT AS SECOND STAGE.
- HEAT PUMP SHALL BE FIRST STAGE.
- 4. REFRIGERANT LINE SIZES SHALL BE PER MANUFACTURER'S INSTRUCTIONS.
- 5. REFRIGERANT: R-32
- 6. PROVIDE FACTORY START-UP AND OWNER TRAINING BY A FACTORY REPRESENTATIVE.

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.

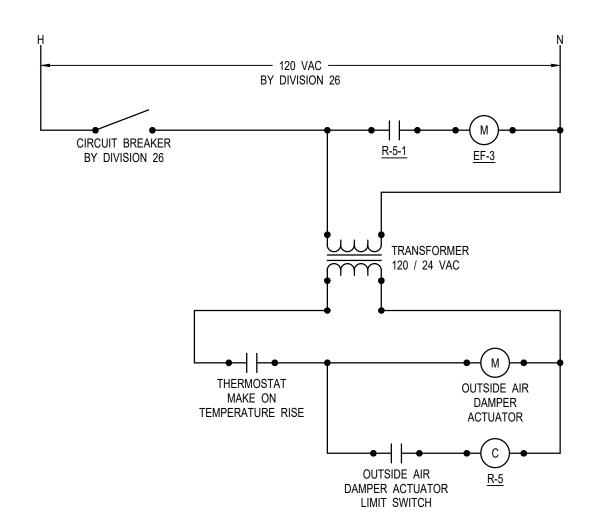
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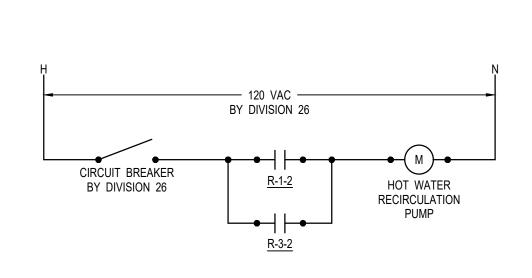
EXHAUST FAN EF-I WIRING DIAGRAM Scale: None



EXHAUST FAN EF-2 WIRING DIAGRAM Scale: None



EXHAUST FAN EF-3 WIRING DIAGRAM
SCALE: NONE



DOMESTIC HW PUMP WIRING DIAGRAM

GENERAL TEMPERATURE CONTROL NOTES:

- PROVIDE ALL LABOR AND MATERIAL AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM THAT PERFORMS THE INDICATED SEQUENCES OF OPERATION.
- THE TEMPERATURE CONTROL SUBMITTALS SHALL INCLUDE AT MINIMUM:

 WIRING DIAGRAMS IN LADDER DIAGRAM FORM WITH ALL TERMINATIONS LABELED SEQUENCES OF OPERATION
 - BILL OF MATERIALS - CUT SHEETS FOR ALL EQUIPMENT PROVIDED
- LIST ON THE TEMPERATURE CONTROL SUBMITTALS ANY DIFFERENCES BETWEEN THE PROPOSED TEMPERATURE CONTROL SYSTEM (INCLUDING SEQUENCES OF OPERATION) AND THE SYSTEM SPECIFIED. LIST THE REASON(S) FOR DIFFERING FROM THE SPECIFICATIONS.
- 4 COORDINATE ALL CONTROL INTERFACES TO EQUIPMENT WITH THE EQUIPMENT MANUFACTURER / SUPPLIER.
- ALL FIELD WIRING INSTALLED IN EQUIPMENT CONTROL PANELS, MOTOR STARTERS, ETC. SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. LOW VOLTAGE WIRING (30VAC AND LESS) SHALL BE BUNDLED TOGETHER WHERE POSSIBLE. HIGH VOLTAGE WIRING (GREATER THAN 30VAC) SHALL BE BUNDLED TOGETHER WHERE POSSIBLE.
- 6 ALL CABLES AND WIRING SHALL BE NUMBERED AT BOTH ENDS.
- 7 PROVIDE POWER TO ANY CONTROL DEVICES REQUIRING POWER. CONNECT TO SPARE BREAKER IN NEAREST ELECTRICAL PANEL.
- 8 AT ALL CONTROL DEVICES REQUIRING 120VAC POWER, PROVIDE A LABEL INDICATING SOURCE OF
- POWER (I.E. PANEL AND CIRCUIT NUMBER).
- MOUNT AND / OR WIRE ALL EQUIPMENT CONTROL DEVICES NOT FACTORY MOUNTED AND / OR WIRED.
- VERIFY LOCATION OF ALL WALL MOUNTED CONTROL DEVICES WITH ARCHITECT / ENGINEER / OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
- THE CENTER OF ALL WALL MOUNTED CONTROL DEVICES SHALL BE 42" ABOVE FINISHED FLOOR (I.E. ADA HEIGHT) UNLESS INDICATED OTHERWISE.
- ALL CONDUIT LOCATED INSIDE THE BUILDING SHALL BE CONCEALED UNLESS INDICATED OTHERWISE
- (I.E. IN WALLS, BELOW FLOORS AND ABOVE CEILINGS).
- 13 EXPOSED CONDUIT SHALL ONLY BE ALLOWED IN THE FOLLOWING LOCATIONS:

- MECHANICAL 103

OTHERWISE.

- 14 ALL WIRING SHALL BE INSTALLED IN EMT CONDUIT WITH COMPRESSION FITTINGS UNLESS INDICATED
- 16 ALL UNDERGROUND CONDUIT SHALL BE SCHEDULE 80 PVC.
- LOW VOLTAGE WIRING (LESS THAN 30VAC) AND HIGH VOLTAGE WIRING (GREATER THAN 30VAC)
 SHALL BE RAN IN SEPARATE CONDUITS.
- ALL LIBRID CHALL DE NICTAL ED DED THE CURDENT NATIONAL ELECTRIC CO
- 18 ALL WIRING SHALL BE INSTALLED PER THE CURRENT NATIONAL ELECTRIC CODE.
- ALL CONTROL PANELS, CONDUIT, ETC. SHALL BE INSTALLED TO MEET SEISMIC CODE REQUIREMENTS AS DEFINED BY THE INDIANA BUILDING CODE OR LOCAL JURISDICTION BUILDING CODE.
- 20 PROVIDE OWNER TRAINING ON THE TEMPERATURE CONTROL SYSTEM.

SYSTEM TEMPERATURE CONTROL REQUIREMENTS:

AIR CONDITIONING UNIT <u>ACU-I</u> / CONDENSING UNIT <u>CU-I</u>: ELECTRIC CEILING HEATER <u>ECH-I</u>

MOUNT AND / OR WIRE ALL CONTROL DEVICES NOT FACTORY MOUNTED AND / OR WIRED. INSTALL AND WIRE PER THE MANUFACTURER'S INSTRUCTIONS.

WIRE THE ELECTRIC CEILING HEATER TO THE AIR CONDITIONING UNIT AUXILIARY HEATER CONTROLLER PER THE MANUFACTURER'S INSTRUCTIONS.

AIR CONDITIONING UNIT <u>ACU-2</u> / CONDENSING UNIT <u>CU-2</u>:

ELECTRIC CEILING HEATER <u>ECH-2</u>

MOUNT AND / OR WIRE ALL CONTROL DEVICES NOT FACTORY MOUNTED AND / OR WIRED. INSTALL AND WIRE PER THE MANUFACTURER'S INSTRUCTIONS.

WIRE THE ELECTRIC CEILING HEATER TO THE AIR CONDITIONING UNIT AUXILIARY HEATER CONTROLLER PER THE MANUFACTURER'S INSTRUCTIONS.

3 EXHAUST FAN <u>EF-I</u>:

WHEN THE ROOM LIGHTS ARE ON, THE OUTSIDE AIR DAMPER ACTUATOR SHALL BE ENERGIZED. THE OUTSIDE AIR DAMPER SHALL OPEN. WHEN THE OUTSIDE AIR DAMPER IS OPEN, THE ACTUATOR LIMIT SWITCH SHALL MAKE AND START THE EXHAUST FAN.

WHEN THE ROOM LIGHTS ARE OFF, THE EXHAUST FAN SHALL STOP AND THE OUTSIDE AIR DAMPER ACTUATOR SHALL BE DE-ENERGIZED. THE OUTSIDE AIR DAMPER SHALL CLOSE.

SEE "EXHAUST FAN <u>EF-I</u> WIRING DIA*G*RAM" THIS SHEET.

4 EXHAUST FAN <u>EF-2</u>:

WHEN THE ROOM LIGHTS ARE ON, THE OUTSIDE AIR DAMPER ACTUATOR SHALL BE ENERGIZED. THE OUTSIDE AIR DAMPER SHALL OPEN. WHEN THE OUTSIDE AIR DAMPER IS OPEN, THE ACTUATOR LIMIT SWITCH SHALL MAKE AND START THE EXHAUST FAN.

WHEN THE ROOM LIGHTS ARE OFF, THE EXHAUST FAN SHALL STOP AND THE OUTSIDE AIR DAMPER ACTUATOR SHALL BE DE-ENERGIZED. THE OUTSIDE AIR DAMPER SHALL CLOSE.

SEE "EXHAUST FAN <u>EF-2</u> WIRING DIAGRAM" THIS SHEET.

5 EXHAUST FAN <u>EF-3</u>:

PROVIDE A JOHNSON CONTROLS, INC. MODEL T265-18 THERMOSTAT WITH EXPOSED ADJUSTMENT. PROVIDE A BLACK PHENOLIC SIGN WITH WHITE LETTERING NEAR THE THERMOSTAT. SIGN SHALL READ "COOLING". SET THERMOSTAT AT 85° F.

ON A RISE IN SPACE TEMPERATURE, THE THERMOSTAT SHALL MAKE AND ENERGIZE THE OUTSIDE AIR DAMPER ACTUATOR. THE OUTSIDE AIR DAMPER SHALL OPEN. WHEN THE OUTSIDE AIR DAMPER IS OPEN, THE ACTUATOR LIMIT SWITCH SHALL MAKE AND START THE EXHAUST FAN.

UPON A DROP IN SPACE TEMPERATURE, THE EXHAUST FAN SHALL STOP AND THE OUTSIDE AIR DAMPER ACTUATOR SHALL BE DE-ENERGIZED. THE OUTSIDE AIR DAMPER SHALL CLOSE.

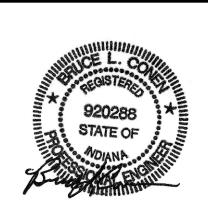
SEE "EXHAUST FAN EF-3 WIRING DIAGRAM" THIS SHEET.

6 DOMESTIC HOT WATER RECIRCULATION PUMP:

THE PUMP SHALL RUN WHEN THE LIGHTS IN EITHER RESTROOM ARE ON.

THE PUMP SHALL STOP WHEN THE LIGHTS IN BOTH RESTROOMS ARE OFF.

SEE "DOMESTIC HW PUMP WIRING DIAGRAM" THIS SHEET.





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HVAC

Schedules and Details

No.	Bv	Date

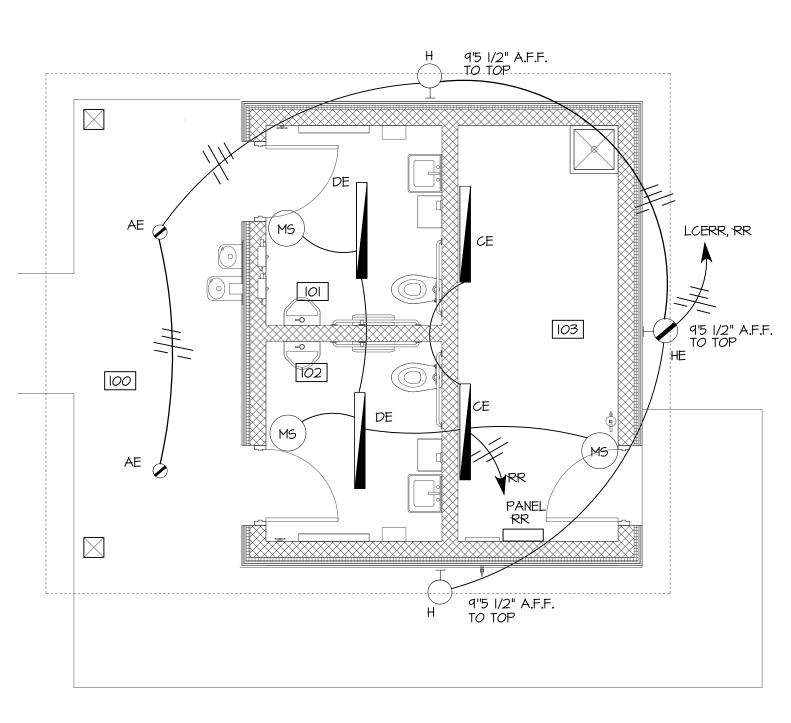
Revisions
Scale: As Noted

04089.1.004

wn By: Date: 07.03.2025

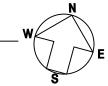
M102 M103 M104.DWG
eet Number:

BLC



ELECTRICAL LIGHTING PLAN

SCALE: 1/4" = 1'-0"

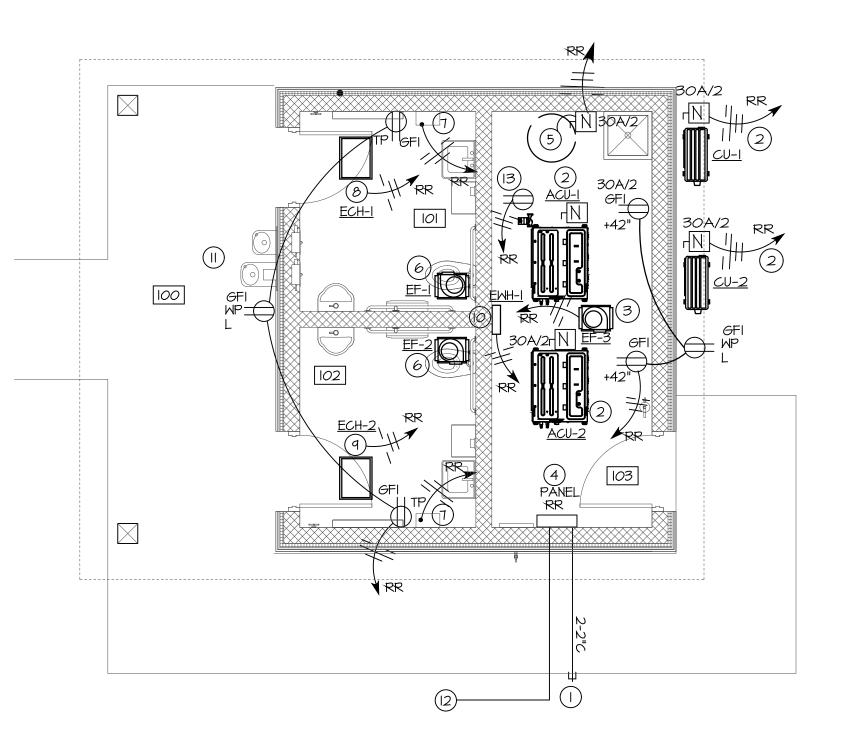


LIGHTING PLAN GENERAL NOTES:

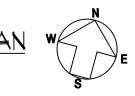
- ALL ELECTRICAL CONDUITS IN ALL AREAS SHALL BE CONCEALED, NO EXCEPTIONS, UNLESS NOTED BELOW:

 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%.
- 4 ALL UNDERGROUND CONDUITS IN BUILDING SHALL BE LOCATED BENEATH THE DRAINAGE LAYER, NOT WITHIN DRAINAGE LAYER.
- 5 ELECTRICAL WIRING DEVICES LOCATED ADJACENT TO ONE ANOTHER SHALL BE ALIGNED AND MOUNTED AT SAME ELEVATION.
- 6 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:
- 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.
- 5 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"C FROM OUTLET BOX TO CEILING CAVITY. SEE MECHANICAL SHEETS FOR LOCATIONS. MOUNTING HEIGHT SHALL MATCH TOGGLE SWITCH MOUNTING HEIGHT.
- T ELECTRICAL WIRING DEVICES LOCATED ADJACENT TO ONE ANOTHER SHALL BE ALIGNED AND MOUNTED AT SAME ELEVATION.

POWER AND SYSTEMS PLAN NOTES:

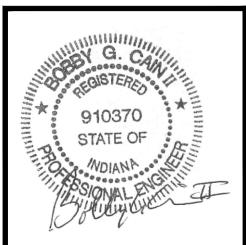
- () 2-2"C SPARE CONDUITS STUBBED BEYOND PAVEMENT.
- OUTDOOR UNIT FEEDS POWER TO INDOOR UNIT. PROVIDE ALL WIRING BETWEEN INDOOR AND OUTDOOR UNIT AS REQUIRED, PER MANUFACTURERS REQUIREMENTS.
- EXHAUST FAN TO BE CONTROLLED BY MECHANICAL CONTRACTOR WITH THERMOSTAT.

AND DISTANCE REQUIREMENTS BASED ON ARC FLASH STUDY. PROVIDE LABELING AS REQUIRED. DO NOT MOUNT PANEL

- EXHAUST FAN PROVIDED WITH FACTORY DISCONNECT SWITCH.

 4 CONTRACTOR SHALL LABEL ALL PANELS, ETC..., PER SPECIFICATIONS WITH ARC FLASH HAZARD PPE REQUIREMENTS INCLUDING CLOTHING TYPE
- BEHIND DOOR.

 5 ELECTRIC WATER HEATER WH-I, 240v, IP, 3KW (NON SIMULTANEOUS OPERATION).
- 6 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.
- (7) HAND DRYER
- 8 ELECTRIC CEILING HEATER ECH-I WITH FACTORY INTEGRAL DISCONNECT, 4KW, 240V, 10
- 9 ELECTRIC CEILING HEATER ECH-2 WITH FACTORY INTEGRAL DISCONNECT, 4KW, 240V, 10
- (IO) ELECTRIC WALL HEATER EWH-I WITH FACTORY INTEGRAL DISCONNECT, 2KW, 240V, IO
- (I) WATER COOLER IS NOT ELECTRIC
- ELECTRICAL FEED TO EXISTING 120/240V PANEL ON SITE, SEE CIVIL PLANS AND ONE LINE DIAGRAM.
- (3) 120V RECIRCULATING PUMP, PROVIDE RECEPTACLE AS REQUIRED.





ARCHITECTS | ENGINEERS | SURVEYORS

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Wesselman Park
Playground Restroom

602 N. Boeke Rd. Evansville, IN 47711

Electrical

	Plans								
No.	Ву	Date							
Revisions									

Scale: 1" = As Noted

ad By:
BGC

Job Number:
04089.1.004

Drawn By: Date: 07.03.2025

E MASTER

E10⁻

PANEL RR 125A,120/240V,1PH,3W 125A/2P MAIN CIRCUIT BREAKER

20/1

20/1

SURFACE MOUNT, 22K AIC SIZE FEEDER SIZE NO. DESCRIPTION SIZE FEEDER SIZE NO. DESCRIPTION 2#12, 1#126, 1/2"C 2 EXTERIOR LIGHTING HAND DRYER 2#I2, I#I2G, I/2"C 2#12, 1#126, 1/2"C 4 LIGHTING 2#I2, I#I2G, I/2"C HAND DRYER RESTROOM RECEPTACLES 2#12, 1#126, 1/2"C 6 EF-1 2#I2, I#I26, I/2"C 2#12, 1#126, 1/2"C 8 EF-2 RECEPTACLES 2#I2, I#I2G, I/2"C EL. WATER HTR WH-1 3KW 20/2 2#12, 1#126, 1/2"C 10 EF-3 2#12, 1#126, 1/2"C 12 SPARE 2#12, 1#12G, 1/2"C 15/1 2#12, I#126, I/2"C 14 RR EWH-1 HEATER - 4KW RECIRC PUMP 25/2 2#IO, I#IOG, I/2"C SPARE 15/2 3#12, 1#126, 1/2"C 18 RR EWH-2 HEATER - 4KW 25/2 2#IO, I#IOG, I/2"C ACU-I/CU-I 15/2 3#12, I#126, I/2"C 22 STORAGE EWH-I HEATER - 2KW 15/2 2#12, I#126, I/2"C ACU-2/CU-2 25 SPARE 27 SPARE 20/1 20/1 28 SPARE

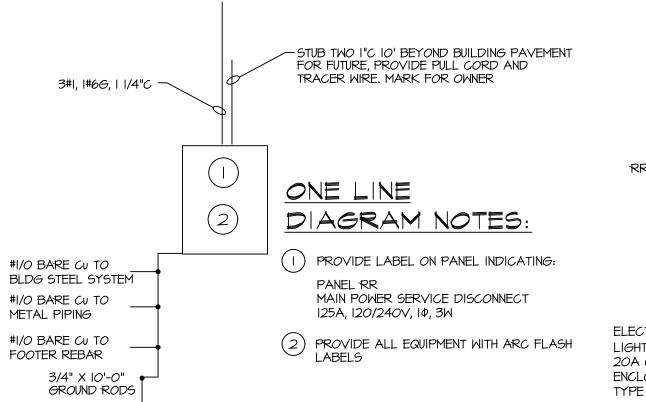
30 SPARE

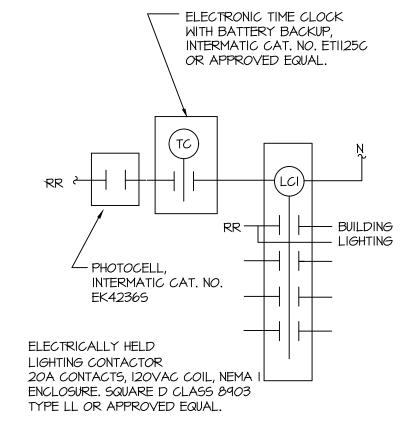
32 SPARE

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

29 SPARE

31 SPARE





20/1

20/1

EXTERIOR LIGHTING CONTROL 'LCER WIRING DIAGRAM

	ELEC	TRICAL LEG	BEN
SYMBOL	DESCRIPTION	SYMBOL	
0	CEILING OUTLET AND LED LIGHTING FIXTURE AS SCHEDULED		
②	CEILING OUTLET AND LED LIGHTING FIXTURE WITH EMERGENCY BATTERY AS SCHEDULED	-GROUND -PHASE	CIRCI
\mapsto	WALL OUTLET AND LED LIGHTING FIXTURE AS SCHEDULED	1111	INDIC
HØ	WALL OUTLET AND LED LIGHTING FIXTURE WITH EMERGENCY BATTERY AS SCHEDULED	NEUTRAL	SIZED WHER HAVE
	CEILING OUTLET AND LED LIGHTING FIXTURE AS SCHEDULED.	\ .	
	CEILING OUTLET AND LED LIGHTING FIXTURE WITH EMERGENCY BATTERY AS SCHEDULED.	A-1,2,3	HOME ARRO INDIC
2	EMERGENCY BATTERY PACK.		CIRCI
€	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.	+	CIRCI
P	POLE LIGHT COMPLETE WITH POLE,BRACKETS, REQUIRED NUMBER OF LIGHTING FIXTURES, REINFORCED CONCRETE	5	SINGL OTHE THRE
O	FOUNDATION, AND ALL ACCESSORIES.	5 ₃	M = N OTHE
NL	SYMBOL INDICATES NIGHT LIGHTING CIRCUIT WHEN SHOWN ON LIGHTING PLANS ADJACENT TO FIXTURE.	S _D	LIGHT MOUN
$\langle A \rangle$	SYMBOL INDICATES FIXTURE TYPE WHEN SHOWN ON LIGHTING PLANS ADJACENT TO FIXTURE.		SMITC
=	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	abc	LOWE ARRA LIGHT
GFI, TP	INTERRUPTER CIRCUIT BREAKER. 'WP' INDICATES WEATHERPROOF COVER. 'TV' INDICATES TELEVISION OUTLET. MOUNT 72" A.F.F. TO BOTTOM. 'L' INDICATES LOCKABLE COVER. 'TP' INDICATES		NOTE:
	TAMPERPROOF RECEPTACLE. 'USB' INDICATES COMBINATION DUPLEX AND USB CHARGER TYPE RECEPTACLE.	М	UNLES
G FI	WALL OUTLET WITH 20A, 125V DUPLEX RECEPTACLE. MOUNT HORIZONTALLY 6 INCHES ABOVE COUNTER OR ABOVE COUNTER BACKSPLASH/ABOVE SHELVING ETC TO BOTTOM,	\square_{P}	MANU. PILOT OTHE
USB	UNLESS NOTED OTHERWISE. COORDINATE EXACT MOUNTING HEIGHT WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN. GFI INDICATES RECEPTACLE SERVED BY GROUND FAULT CURRENT INTERRUPTER	\nearrow	МОТС
	CIRCUIT BREAKER. 'TP' INDICATES TAMPERPROOF RECEPTACLE. 'USB' INDICATES COMBINATION DUPLEX AND USB CHARGER TYPE RECEPTACLE.		CIRCI
4	WALL OUTLET WITH 20A, 125Y DOUBLE DUPLEX (QUADRAPLEX). MOUNT HORIZONTALLY 6 INCHES ABOVE COUNTER OR ABOVE	\bowtie	COME SIZE
+	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.	MS	MALL MOTIC SMITC
\	WALL OUTLET WITH 20A, 125V DOUBLE DUPLEX (QUADRAPLEX) RECEPTACLE. MOUNT 6 INCHES ABOVE COUNTER OR COUNTER BACKSPLASH TO BOTTOM, UNLESS NOTED OTHERWISE.	MC	CEILIN MOTIC OF SI MAXIN
\ominus	SPECIAL RECEPTACLE, AS NOTED.	(n, n)	WALL
"1,2,3"	NUMBER AT OUTLET INDICATES CIRCUIT ARRANGEMENT.	(MW)	SENSO SWITC
	CEILING OR FLOOR MOUNTED JUNCTION BOX.		MOUN ⁻
H	WALL MOUNTED JUNCTION BOX. MOUNT 16" A.F.F. TO BOTTOM, UNLESS NOTED OTHERWISE "S" INDICATES SURFACE MOUNTED		

UNLESS NOTED OTHERWISE. "S" INDICATES SURFACE MOUNTED.

IS FLUSH WITH FLOOR.

TWO COMPARTMENT MULTIPLE SERVICE OUTLET FLOOR BOX, WALKER RFB2-OG

COVER FOR CARPET INSTALLATION. CONTRACTOR SHALL FURNISH AND INSTALL

WITH ONE GFI RECEPTACLE OR APPROVED EQUAL. BRASS FINISH, FLANGLESS

TO ACCESSIBLE CEILING CAVITY AND BUSH END. INSTALL SUCH THAT COVER

2-I"C WITH PULL STRING FROM LOW VOLTAGE SECTION OF FLOOR BOX

	LIGHTING FIXTURE SCHEDULE										
SYMBOL	MBOL MANUFACTURER	CATALOG NUMBER		LAMP		YOLT	MOUNTING	FINISH			
0,,,,202	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			TYPE	WATTS	YOLI		I INISH	REMARKS		
(CE)	LITHONIA	CSS L48 4000LM MVOLT 40K 80CRI IETWCP	-	LED	35	120	WALL		WALL MOUNT 7'0" A.F.F. TO BOTTOM, EMERGENCY DRIVER		
DE	PINNACLE LIGHTING	EV4D A 835HO 4 IND FL U FSD I IFSB CC	-	LED	25.6	120	RECESSED		EMERGENCY DRIVER		
H	LITHONIA	ARCI LED P2 40K MVOLT DDBXTD	-	LED	17	120	WALL		SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING		
HE	LITHONIA	ARCI LED P2 40K MVOLT E4WH DDBXTD	-	LED	17	120	WALL		SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING, EMERGENCY DRIVER		
AE	LUMINAIRE	VRDL6 6B MINI 1500LM WD 40K 80CRI 120 CPL BLK EMB310	-	LED	19	120	RECESSED		EMERGENCY DRIVER		

CUIT CONCEALED IN CEILING OR WALL. CROSSBARS CATE NUMBER OF CONDUCTORS REQUIRED. CONDUIT NOT ED IS 1/2" INCH. CONDUCTORS NOT SIZED ARE NO. 12. RE CROSSBARS ARE NOT INDICATED, CIRCUIT SHALL VE ONE HOT, ONE NEUTRAL AND ONE GROUND CONDUCTOR. MERUN TO PANELBOARD INDICATED. NUMBER OF ROWHEADS INDICATES NUMBER OF CIRCUITS. NUMBERS ICATES CIRCUIT NUMBER. PREFIX INDICATES PANEL NUMBER CUIT CONCEALED IN OR UNDER FLOOR OR UNDERGROUND. CUIT EXPOSED.

DESCRIPTION

GLE POLE 20A SWITCH. MOUNT 44" A.F.F. TO BOTTOM, UNLESS HERWISE NOTED. EE WAY 20A SWITCH: 4 = 4 WAY, K = KEY, P = PILOT, MOMENTARY CONTACT. MOUNT 44" A.F.F. TO BOTTOM, UNLESS

HT SWITCH WITH 1200W,O-10V LED DIMMER TO MATCH LIGHT FIXTURE. INT AT 44" A.F.F. TO TOP, UNLESS OTHERWISE NOTED. TCH FUNCTIONS ALL ON/OFF, DIM UP, DIM DOWN.

IER CASE LETTERS AT OUTLETS INDICATE SWITCHING

HTING CONTACTOR. MOUNT AT 4'-0" A.F.F. TO TOP, UNLESS TED OTHERWISE.

-FUSED DISCONNECT SWITCH. MOUNT AT 4'-6" A.F.F. TO TOP, ESS NOTED OTHERWISE. NUAL MOTOR CONTROLLER TO SUIT MOTOR. "P" INDICATES

OT LIGHT. MOUNT 44" A.F.F. TO TOP, UNLESS NOTED IERWISE. TOR.

CUIT BREAKER

1BINATION CIRCUIT BREAKER MAGNETIC MOTOR CONTROLLER, : I, MOUNT ON UNIT.

L MOUNTED SWITCH/VACANCY SWITCH, DUAL TECHNOLOGY FION SENSOR SENSORSWITCH MODEL NO. WSD-PDT-SA-GRAY. MOUNT TCH AT 44" A.F.F. TO BOTTOM, UNLESS INDICATED OTHERWISE.

ING MOUNTED DUAL TECHNOLOGY STANDARD RANGE FION SENSOR SENSORSWITCH MODEL CMR-PDT-9. CONNECT AHEAD BWITCHING TO ENABLE SWITCHING. ADJUST SENSOR TO PROVIDE (IMUM MOTION SENSING IN ROOM.

L MOUNTED DUAL TECHNOLOGY WIDE RANGE MOTION SENSOR, SORSWITCH MODEL WVI6. CONNECT AHEAD OF SWITCHING TO ENABLE TCHING. ADJUST SENSOR TO PROVIDE MAXIMUM MOTION SENSING OF BAY. INT AT 12' A.F.F. TO BOTTOM, DIRECT TOWARDS FLOOR.

ELECTRICAL SPECIFICATIONS

- I. 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 THWN 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 NEC.
- 9. DISCONNECT SWITCHES SHALL BE "HEAVY-DUTY" RATED. NEMA I OR 3R, AS REQUIRED.
- 10. WIRING 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.
- II. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS PER ARCHITECTURAL FRONT END DOCUMENTS ON ALL ELECTRICAL EQUIPMENT 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 TRADE'S 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
- 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
- 18. THE ELECTRICAL CONTRACTOR SHALL PROVIDE TRAINING TO THE OWNER ON ALL ELECTRICAL EQUIPMENT
- 19. CIRCUIT BREAKER PANELBOARDS SHALL HAVE AIC 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.

SEISMIC RESTRAINTS AND VIBRATION ISOLATION

- 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
- 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.
- 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 DUCTWORK, PIPING, EQUIPMENT AND CONDUIT NOT REQUIRING CALCULATIONS SHALL BE SEISMICALLY SUPPORTED AND BRACED PER THE SEISMIC SUPPLIER'S INSTRUCTIONS.
- INSTALLATION INSTRUCTIONS MUST BE SUBMITTED TO THE ENGINEER PRIOR TO THE INSTALLATION OF THE EQUIPMENT.

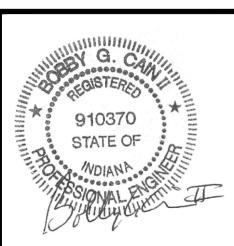
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THE SEISMIC SUPPLIER SHALL BE ONE OF THE FOLLOWING: MASON INDUSTRIES KINETICS

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

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.

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.





ARCHITECTS | ENGINEERS | SURVEYORS

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Wesselman Park Playground Restroom

602 N. Boeke Rd. Evansville, IN 47711

Electrica

Miscellaneous

·								
No.	Ву	Date						
Revisions								

Scale: 1" = As Noted

04089.1.004 BGC 07.03.2025 BGC

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