

CHENE-TROMBLEY PARK

MASTER PLAN & TOT LOT IMPROVEMENTS

20881 MACK AVE.

GROSSE POINTE WOODS, MI 48236

ARCHITECT:
STUCKY VITALE ARCHITECTS
27172 WOODWARD AVENUE
ROYAL OAK, MICHIGAN 48067
(248) 546-6700

CIVIL ENGINEER:
STONEFIELD ENGINEERING & DESIGN
607 SHELBY ST.
SUITE 200
DETROIT, MI 48226
(248) 247-1115

PLAYGROUND EQUIPMENT SUPPLIER:
PENCHURA LLC
CONTACT: LANCE A. SHIPMAN, LLA, CPSI
889 S. OLD US 23
BRIGHTON, MI 48114
(810) 459-9172
LANC@PENCHURA.COM

PROJECT DATA:

BUILDING CODE AUTHORITY:
CITY OF GROSSE POINTE WOODS

OWNER CONTACTS:
JAMES KOVALSKI
DIRECTOR OF PUBLIC SERVICES
CITY OF GROSSE POINTE WOODS
(313) 343-2460

FRANK SCHULTE
CITY ADMINISTRATOR
CITY OF GROSSE POINTE WOODS
2025 MACK PLAZA DRIVE
GROSSE POINTE WOODS, MI 48236
DIRECT: #313.343.2450
FAX: #313.343.2658

TYPE OF CONSTRUCTION:
VB - TOILET FACILITY

USE GROUP:
U - TOILET FACILITY

PROJECT AREA:
EXISTING PARK AREA = 48,980 SF
RENOVATION = 48,980 SF
NEW WORK TOILET FACILITY = 187 SF
TOTAL PROJECT AREA = 48,980 SF

PLUMBING FIXTURE COUNTS:
WATER CLOSET (2)
LAVATORY (2)
DRINKING FOUNTAIN (1) H-L-O
UTILITY SINK (1)

APPLICABLE CODES: (COMMERCIAL):
BUILDING CODE:
2015 MICHIGAN BUILDING CODE (MBC) AS AMENDED

MECHANICAL CODE:
2015 MICHIGAN MECHANICAL CODE AS AMENDED

PLUMBING CODE:
2015 MICHIGAN PLUMBING CODE AS AMENDED

ELECTRICAL CODE:
2017 NATIONAL ELECTRIC CODE (NEC) AS AMENDED & MICHIGAN AMENDMENTS PART 8.

ENERGY CODE:
2015 MICHIGAN BUILDING CODE (CHAPTER 13)
2015 MICHIGAN ENERGY CODE
ASHRAE 90.1-2013 ENERGY STANDARDS FOR BUILDINGS

FIRE CODE:
2015 INTERNATIONAL FIRE CODE REFERENCED IN 2015 MICHIGAN BUILDING CODE

BARRIER FREE REQUIREMENTS:
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (DOJ)
MBC-2012 (CHAPTER 11)
ICC / ANSI 117.1 - 2009, EXCEPT SECTION 611 & 707

LIFE SAFETY CODES:
2015 NFPA 101 LIFE SAFETY CODE

SHEET INDEX		ISSUED FOR
DRAWING INDEX KEY: □ NOT ISSUED ◻ PREVIOUSLY ISSUED ● ISSUED ⊗ REFERENCE		02.27.23 ADDENDUM #1
GENERAL		
G001	TITLE SHEET AND SHEET INDEX AND LOCATOR PLAN	●
CIVIL		
C-1	COVER SHEET	
C-2	DEMOLITION PLAN	
C-3	SITE PLAN	
C-4	GRADING PLAN, STORMWATER MANAGEMENT & UTILITY PLAN	
C-5	LANDSCAPING PLAN	
C-6	LANDSCAPING DETAILS	
C-7	SOIL EROSION AND SEDIMENT CONTROL PLAN	
C-8	CONSTRUCTION DETAILS	
1 OF 1	TOPOGRAPHIC / ALTA SURVEY	
ARCHITECTURAL		
AS101	ARCHITECTURAL SITE PLAN + RESPONSIBILITY SCHEDULE	
AS102	ENLARGED SITE PLAN - TOT LOT + SWING	
A101	ARCHITECTURAL PLANS - ENTRANCE + TOILET	
A301	ARCHITECTURAL PLANS + ELEVATIONS + DETAILS - TOILET	
A302	ARCHITECTURAL PLANS + ELEVATIONS + DETAILS - ENTRANCE	
A401	BUILDING AND WALL SECTIONS - ENTRANCE	
A402	BUILDING AND WALL SECTIONS - SUNSHADE	
A403	BUILDING AND WALL SECTIONS - TOILET & SCHEDULES	●
PS101	PROJECT SPECIFICATIONS	
PS102	PROJECT SPECIFICATIONS	
PS103	PROJECT SPECIFICATIONS	
PS104	PROJECT SPECIFICATIONS	
PS105	PROJECT SPECIFICATIONS	

NOTE:
THESE CONSTRUCTION DRAWINGS WERE PREPARED FOR COMPLIANCE WITH THE MICHIGAN CONSTRUCTION CODES IN EFFECT AT THE TIME OF PERMIT SUBMITTAL. ALL ENGINEERS, CONTRACTORS AND SUPPLIERS INVOLVED WITH THIS PROJECT SHALL COMPLY WITH THE SAME CODES, ISSUED AND APPROVED CODE MODIFICATIONS AND/OR CITY CODE AUTHORITY CONSTRUCTION BOARDS OF APPEALS RULINGS AND WHENEVER REQUIRED SHALL PROVIDE SHOP DRAWINGS AND SUBMITTALS CLEARLY DESCRIBING COMPLIANCE TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE FOR REVIEW AND APPROVAL.

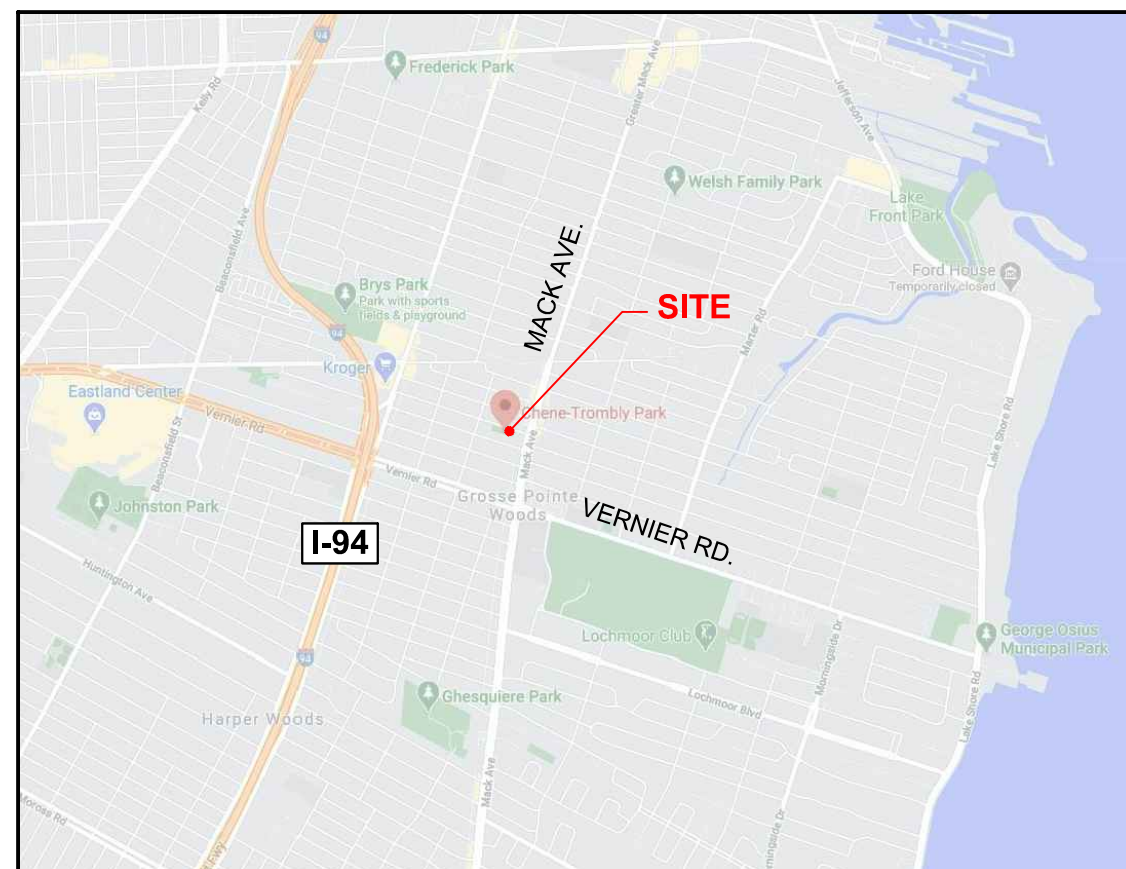
SYMBOL LEGEND	
	DARKENED ARROW INDICATES ELEVATED SECTION
	ELEVATION NUMBER
	SHEET NUMBER WHERE ELEVATION IS LOCATED
	ELEVATION NUMBER
	SHEET NUMBER WHERE ELEVATION IS LOCATED
	DETAIL REFERENCE NUMBER
	SHEET NUMBER WHERE DETAIL IS LOCATED
	DETAIL NUMBER
	DETAIL NAME
	DRAWING SCALE
	SHEET NUMBER WHERE DETAIL IS REFERENCED
	REFERENCE POINT OF ELEVATION
	HEIGHT ABOVE FINISHED FLOOR
	HEIGHT ABOVE FINISHED FLOOR
	NOTE: DATUM SYMBOL INDICATES A SPECIFIC REFERENCE HEIGHT OF MATERIAL INDICATED
	ROOM NAME
	ROOM NUMBER
	FINISH TAG
	NUMBERS DESIGNATE VERTICAL COLUMN LINES
	LETTERS DESIGNATE HORIZONTAL COLUMN LINES
	CIRCLES REPRESENT NEW COLUMN LINES
	DIAMOND REPRESENT EXISTING COLUMNS
	EXISTING DOOR SYMBOL
	NEW DOOR SYMBOL
	DOOR DESIGNATION
	WALL TYPE DESIGNATION NUMBER - COORDINATE WITH SCHEDULE
	EQUIPMENT DESIGNATION NUMBER - COORDINATE WITH PLAN NOTES
	KEY NOTE DESIGNATION NUMBER - COORDINATE WITH PLAN NOTES
	WINDOW DESIGNATION LETTER - COORDINATE WITH PLAN NOTES
	ADDENDUM DESIGNATION NUMBER
	BULLETIN DESIGNATION NUMBER
	MATCH LINE
	REF: A3 SHEET REFERENCE FOR DRAWING CONTINUATION

ABBREVIATION	
@	ACOUST.
A.C.T.	ACOUSTICAL
ADJ.	ADJACENT
A.F.F.	ABOVE FINISH FLOOR
ALUM.	ALUMINUM
ANOD.	ANODIZED
BD.	BOARD
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
CEM.	CEMENT
C.J.	CONTROL JOINT
CLG.	CEILING
CL.	CENTER LINE
C.O.	CLEAN OUT
COL.	COLUMN
CONC.	CONCRETE
C.G.	CORNER GUARD
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CORR.	CORRUGATED
CPT.	CARPET
C.T.	CERAMIC TILE
DET.	DETAIL
DIA.	DIAMETER
DM.	DIMENSION
DWN.	DOWN
D.O.	DOOR OPENING
DR.	DOOR
DWG.	DRAWING
EA.	EACH
ELEV.	ELEVATION
E.W.	EACH WAY
EXG.	EXISTING
EXIST.	EXISTING
EXP.	EXPANSION, EXPOSED
EXT.	EXTERIOR
F.D.	FLOOR DRAIN
FDN.	FOUNDATION
F.R.P.	FIBER REINFORCED PANELS
FIN.	FINISH
FLR.	FLOOR
F.O.	FACE OF
F.O.S.	FACE OF STUD
FR.	FRAME
FTG.	FOOTING
FV.	FIELD VERIFY
GA.	GALV.
GALV.	GALVANIZED
GYP.	GYPHUM
HDW.	HARDWARE
H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
HT.	HEIGHT
I.D.	INSIDE DIAMETER
INSUL.	INSULATION
INT.	INTERIOR
JT.	JOINT
LAV.	LAVATORY
LG.	LONG
L.L.O.	LONG LEG OUTSTANDING
L.L.V.	LONG LEG VERTICAL
MAX.	MAXIMUM
MECH.	MECHANICAL
MET.	METAL
MEZZ.	MEZZANINE
M.I.	MISCELLANEOUS IRON
MIN.	MINIMUM
MISC.	MISCELLANEOUS
M.O.	MASONRY OPENING
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OPNG.	OPENING
OPP.	OPPOSITE
P.L.G.	PLATE GLASS
P.L.S.	PLATE STEEL
P.LAM.	PLASTIC LAMINATE
PLAS.	PLASTER
PREFAB.	PREFABRICATED
PROJ.	PROJECT, PROJECTION
P.S.F.	POUNDS PER SQUARE FOOT
PT.	POINT
R.	RISER
R.A.	RETURN AIR
R.B.	RUBBER BASE
R.C.	ROOF CONDUCTOR
R.C.P.	REFLECTED CEILING PLAN
R.D.	ROOF DRAIN
R.F.	RUBBER FLOORING
REINF.	REINFORCED, REINFORCING
REQD.	REQUIRED
RFG.	ROOFING
RM.	ROOM
R.S.	ROOF SUMP
R.T.	RUBBER TILE
SAN.	SANITARY
SCHED.	SCHEDULE
SHT.	SHEET
SIM.	SIMILAR
SPEC.	SPECIFICATION
S.S.	SERVICE SINK
STL.	STEEL
STD.	STANDARD
STOR.	STORAGE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
SW.	SWITCH
SYM.	SYMMETRICAL
T.	TREAD
TAB.	TOP AND BOTTOM
TEL.	TELEPHONE
TERR.	TERRAZZO
T&G.	TONGUE AND GROOVE
THK.	THICK, THICKNESS
THRES.	THRESHOLD
T.O.S.	TOP OF STEEL
TYP.	TYPICAL
UC	UNDERCUT
U.N.O.	UNLESS NOTED OTHERWISE
V.B.	VINYL BASE
V.C.T.	VINYL COMPOSITION TILE
V.I.F.	VERIFY IN FIELD
W.	WIDE
VERT.	VERTICAL
WAINS.	WAINSCOT
W.C.	WATER CLOSET
WD.WIN.	WOOD WINDOW
WT.	WEIGHT
W.W.F.	WELDED WIRE FABRIC

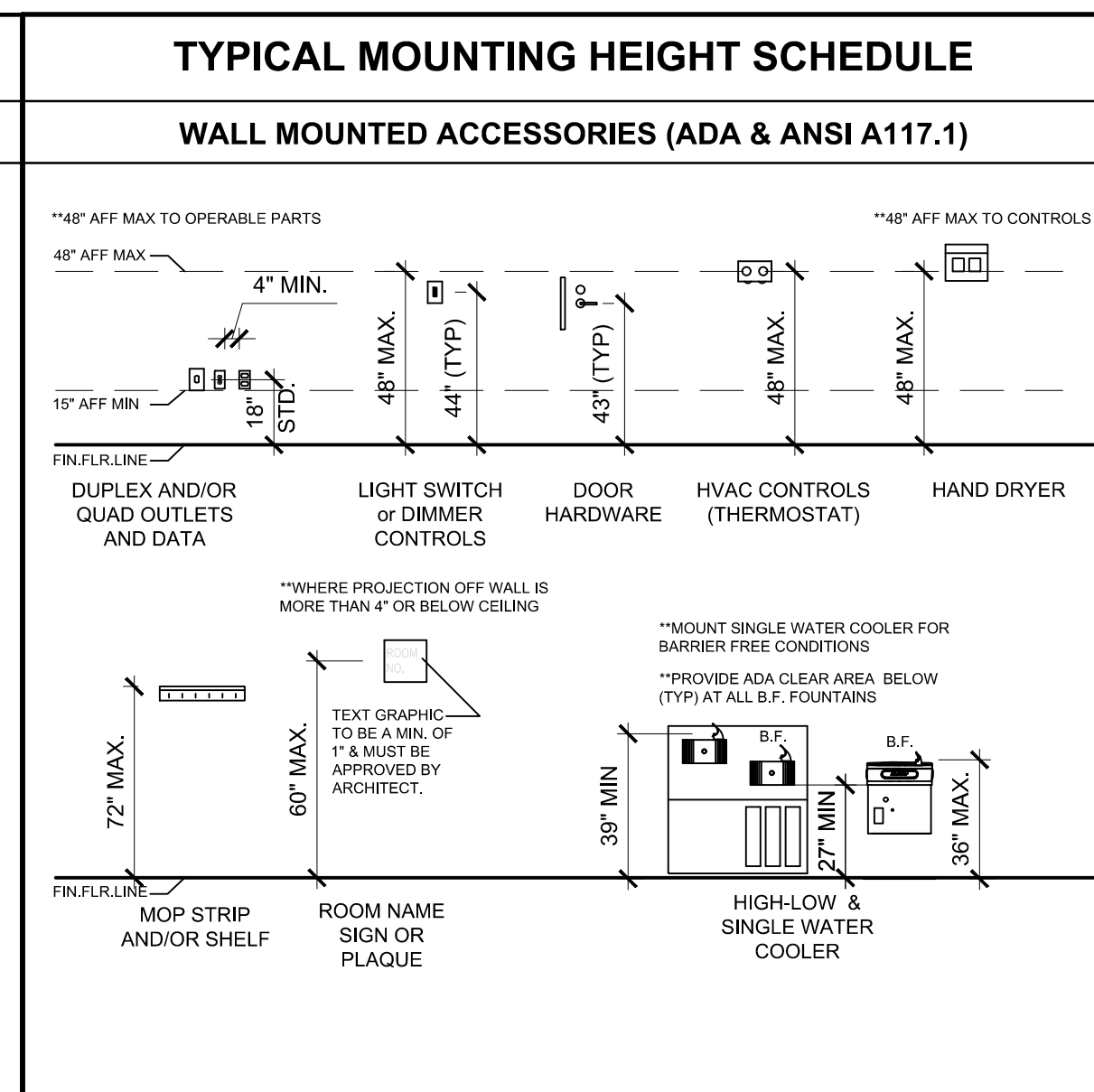
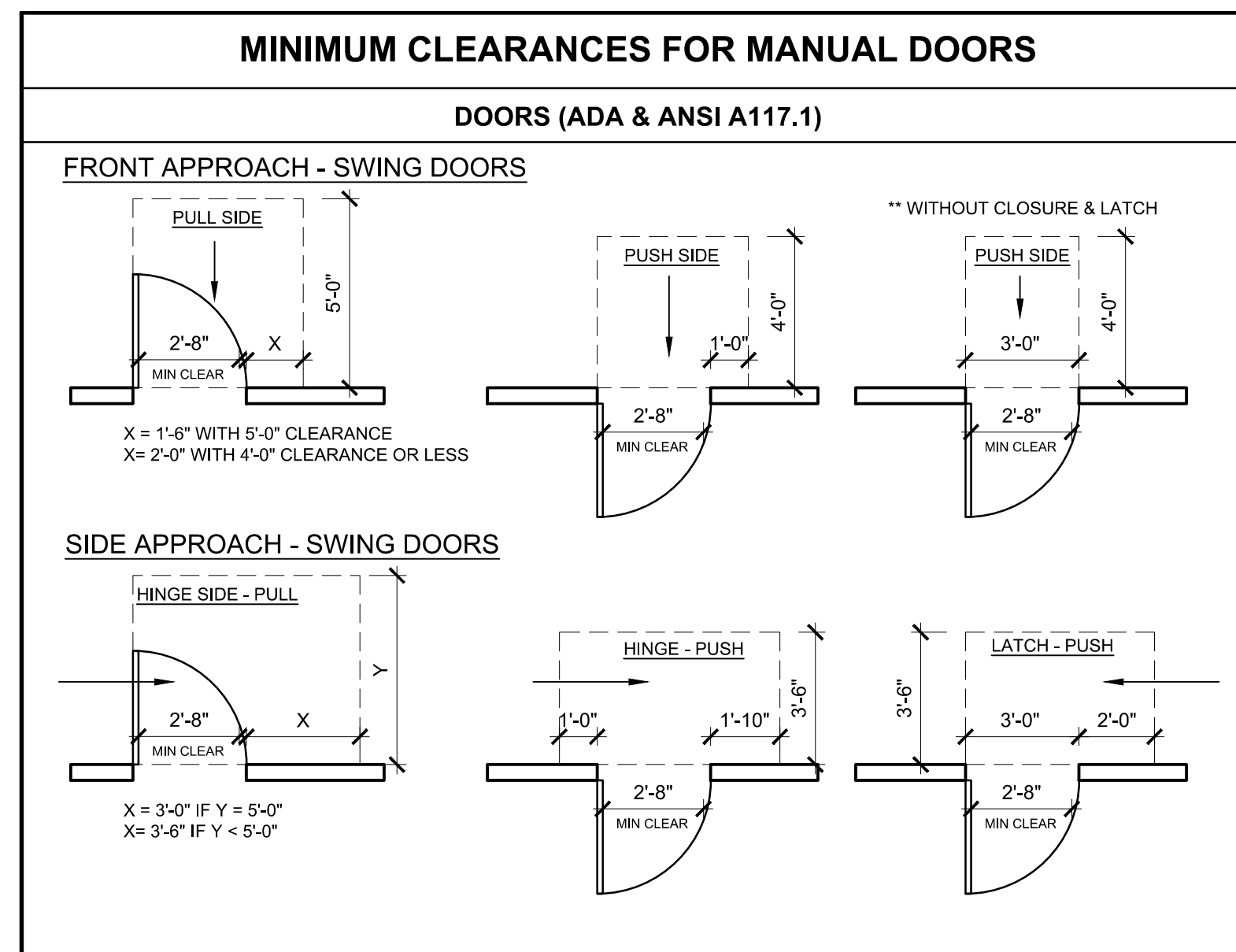
ALTERNATES	
ALT#1	SUNSHADE SAIL FEATURE: ALTERNATE SUN SHADE SYSTEMS TO THE PROPOSED SUNSHADE SAIL FEATURE WILL BE CONSIDERED DURING THE BIDDING PROCESS. BIDDER TO PROVIDE DETAILED INFORMATION REGARDING ANY PROPOSED ALTERNATE SYSTEM AS WELL AS PRICING INFORMATION FOR OWNER & ARCHITECT REVIEW.



CONCEPTUAL RENDERING - BY PENCHURA
SCALE: N.T.S. @ TOT LOT & SWING AREA



VICINITY MAP
SCALE: N.T.S.

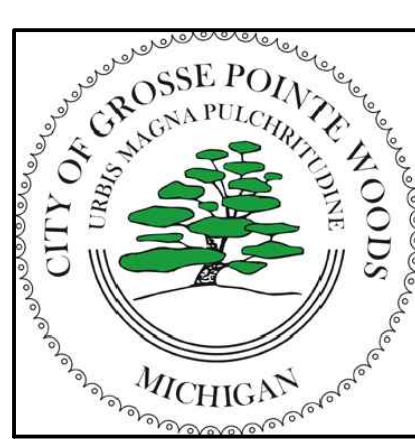


MATERIAL LEGEND	
	ACOUSTICAL CEILING
	BATT/LOOSE INSULATION
	BLOCKING/ROUGH LUMBER - CONTINUOUS
	BLOCKING/ROUGH LUMBER
	CONCRETE
	FINISHED WOOD
	GLASS
	GYPHUM WALLBOARD
	MASONRY
	PARTICLE BOARD
	PLYWOOD



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Issued for:
BIDS/PERMIT 01.27.23
ADDENDUM #1 02.27.23

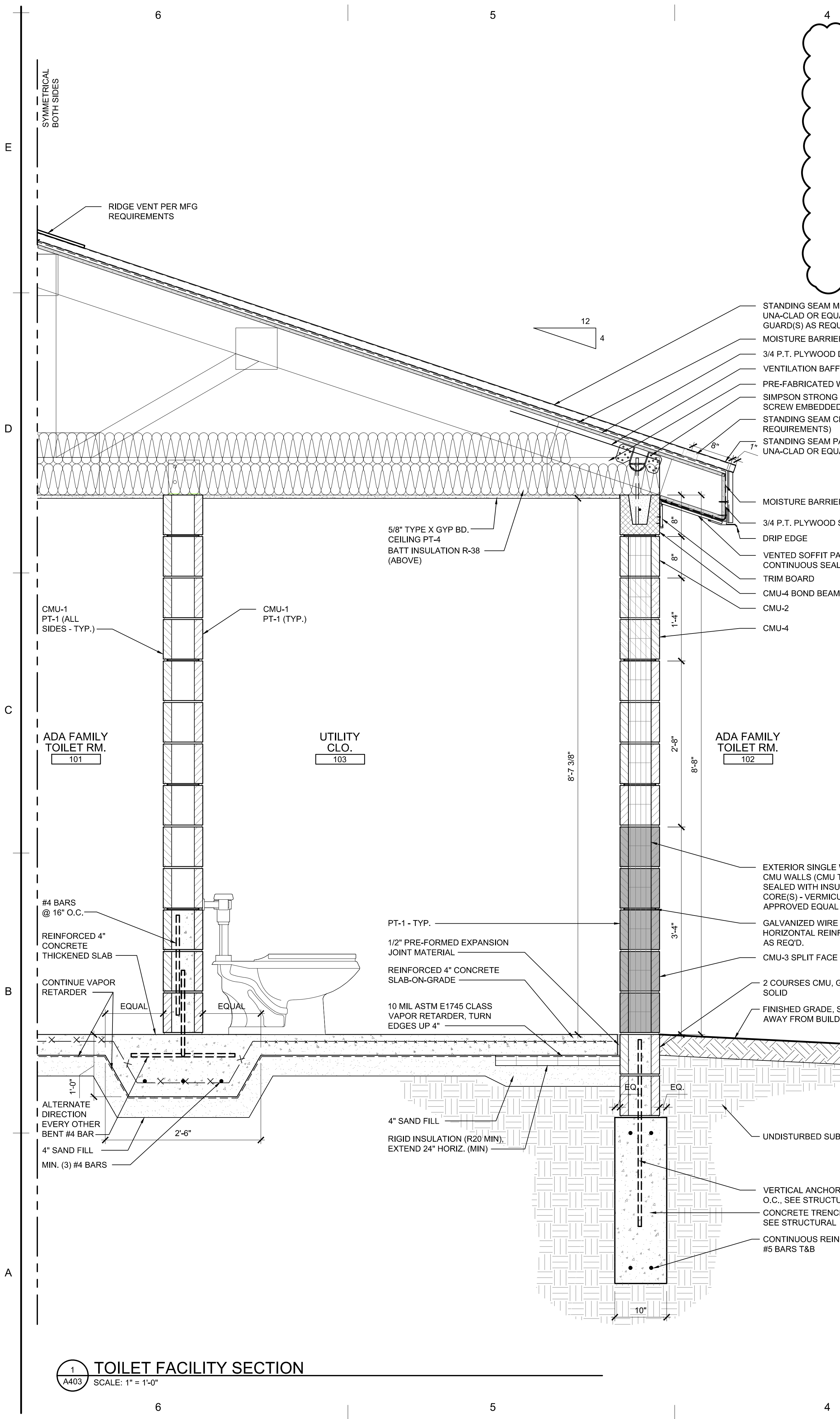
Drawn by:
JPM
Checked by:
JAV, MJB

Sheet Title:
TITLE SHEET,
SHEET INDEX, +
LOCATOR PLAN

Project No.:
2021.027

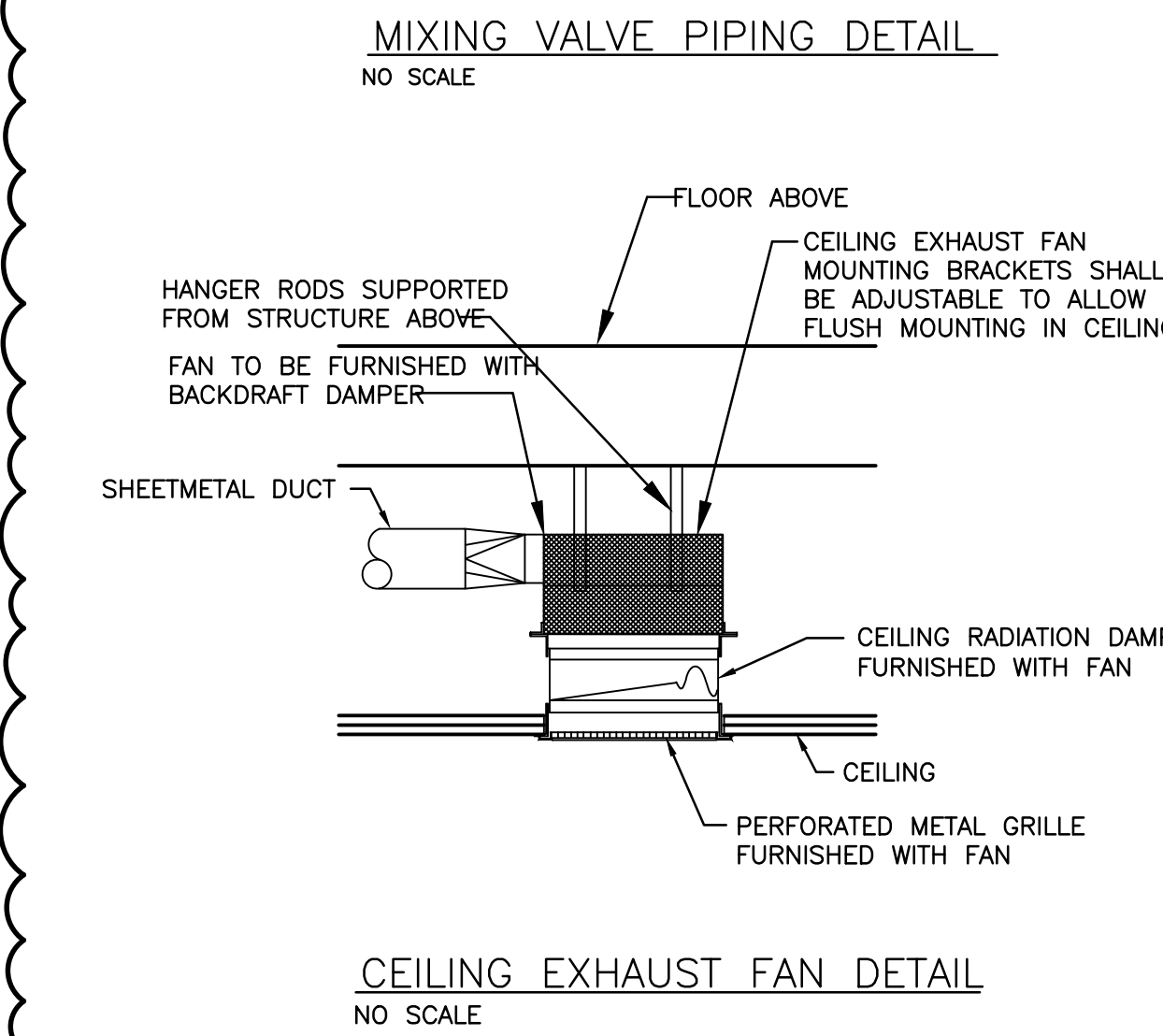
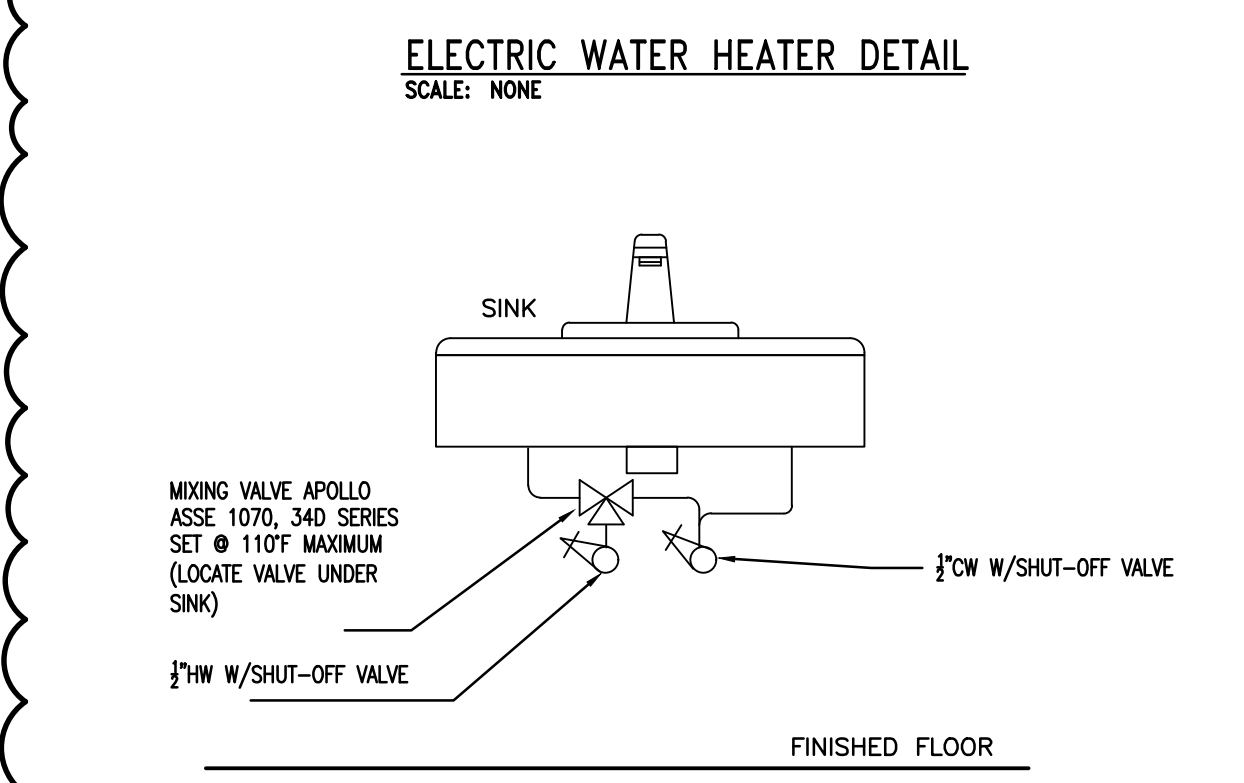
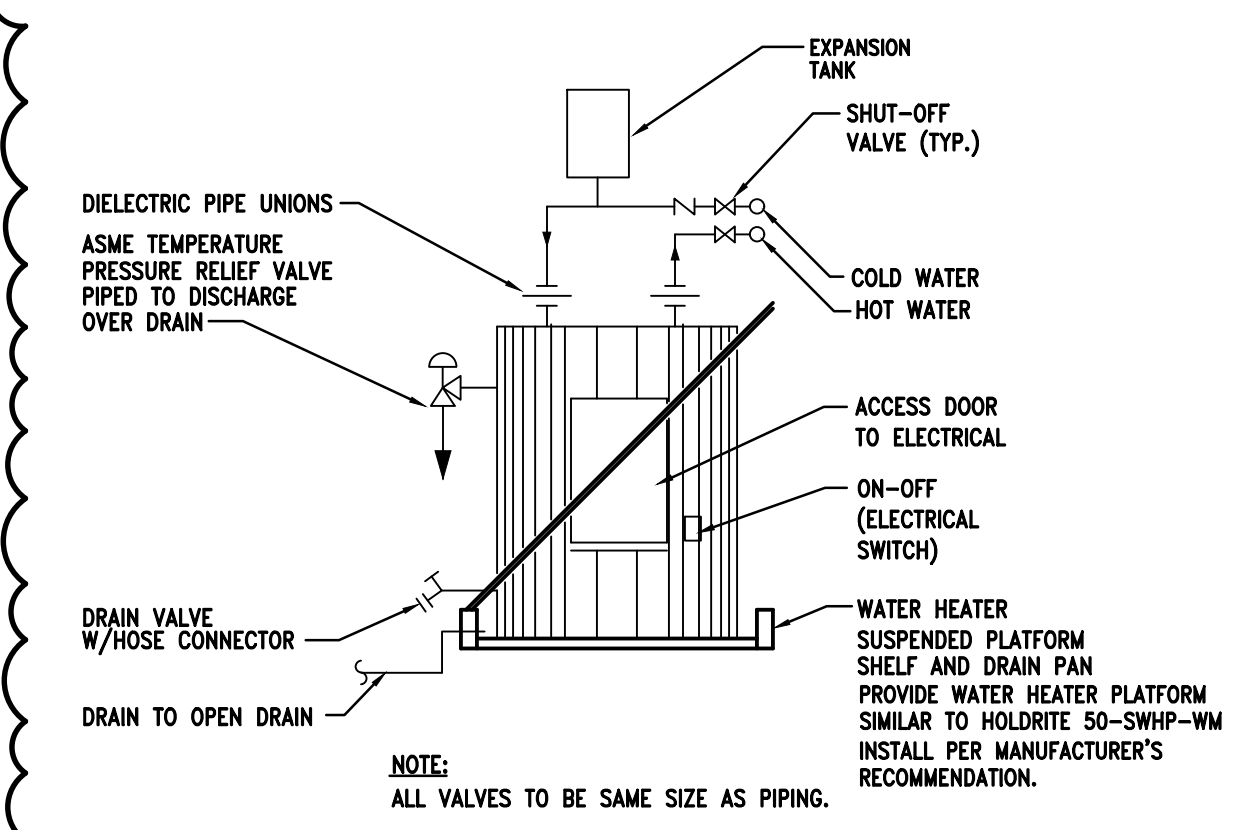
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PLUMBING CONNECTION SCHEDULE

ITEM #	DESCRIPTION	MANUFACTURER & MODEL NO.	WASTE	TRAP	VENT	COLD WATER	HOT WATER	FURNISHED BY	INSTALLED BY	FINAL CONNECTION	NOTES/ACCESSORIES
P-5	FLOOR MOUNTED SERVICE SINK ONE-PIECE MOLDED STONE UNIT HAVING 10" HIGH WALLS WITH NOT LESS THAN 1" WIDE SHOULDERS. COLOR SHALL BE #231 WHITE DRIFT. DRAIN BODY SHALL BE FACTORY INSTALLED STAINLESS STEEL #302 WITH COMBINATION DOME STRAINER AND LINT BASKET. THE DRAIN BODY SHALL PROVIDE FOR A LEAD CAULKED JOINT TO A 3" IPS SILICONE SEALANT SHALL BE PLATE #833-AA.	POWERS-FAT MSB-2424	3"	2"	2"	3/4"	3/4"	PLUMBING CONTRACTOR	PLUMBING CONTRACTOR	PLUMBING CONTRACTOR	SUPPLY FITTING: VANDAL-RESISTANT CHICAGO FAUCET NO. 897, COMBINATION SERVICE SINK FITTING WITH VACUUM BREAKER, 3/4" HOSE THREAD RIGID SPOUT, NO. 369 LEVER HANDLES, WALL BRACE PAUL HOOK AND NO. "R" 1/2" FLANGED FEMALE ADJUSTABLE ARMS WITH INTEGRAL STOPS. ALL EXPOSED SURFACES SHALL BE HEAVILY CHROME PLATED. RIM GUARD: VINYL BUMPER GUARDS EQUAL TO PLATE #F-77-AA, SHALL BE PROVIDED ON ALL SIDES NOT ADJACENT TO WALL. WALL GUARD: STAINLESS STEEL MODEL NO. MS2424. HOSE BRACKET: PLATE #832-AA, 18 GAUGE, NO. 302 STAINLESS STEEL HOSE BRACKET WITH RUBBER GRIP COMPLETE WITH 30" LONG FLEXIBLE, CLOTH REINFORCED, 5/8" HEAVY DUTY RUBBER HOSE WITH 3/4" CHROME COUPLING AT HOSE END. MOP HANGER: #889-CC, 24" LONG X 3" WIDE, STAINLESS STEEL ATTACHED WITH THREE (3) RUBBER TOOL GRIPS.



FAN SCHEDULE

TAG	MANUFACTURER & MODEL NO.	DRIVE	SERVICE	LOCATION	CFM	ESP "WC	FAN KEY	WHEEL TYPE	ELECTRICAL		NOTES/ACCESSORIES
									VOLTS	HP	
EF-1	GREENHECK SP-B110	DIRECT	TOILET RM 101	RECESS CEILING	100	.2	CLG	BI	120	80 WATTS	A B C
EF-2	GREENHECK SP-B110	DIRECT	TOILET RM 102	RECESS CEILING	100	.2	CLG	BI	120	80 WATTS	A B C
EF-3	GREENHECK SP-B110	DIRECT	UTILITY RM 103	RECESS CEILING	100	.2	CLG	BI	120	80 WATTS	A B C

FAN KEY: RMP - ROOF MOUNTED PROPELLER, RMC - ROOF MOUNTED CENTRIFUGAL, RMA - ROOF MOUNTED AXIAL, WMC - WALL MOUNTED CENTRIFUGAL, ILC - INLINE CENTRIFUGAL, ILA - INLINE AXIAL, VA - VANE AXIAL, TA - TUBE AXIAL, CLC - CEILING MOUNT, UTL - UTILITY SET (ROOF), WMP - WALL MOUNTED PROPELLER

WHEEL KEY: FC - FORWARD CURVED, BI - BACKWARD INCLINED, AF - AIRFOIL, RAD - RADIAL, P - PROPELLER

NOTES AND ACCESSORIES DESIGNATION

A	GRAVITY BACKDRAFT DAMPERS
B	HANGING KIT WITH VIBRATION ISOLATORS
C	INTERLOCK WITH LIGHTS

ELECTRIC WATER HEATER SCHEDULE

TAG	MANUFACTURER & MODEL NO.	AREA SERVED	CAPACITIES		TD 'F	ELECTRICAL		NOTES/ACCESSORIES
			STORAGE GALLON	RECOVERY GPH		VOLTS/PHASE	KW	
EW-1	A.O. SMITH DEL-6	UTILITY RM 103	6	8.0	90	120/1	1.5	A B C D E

NOTES AND ACCESSORIES DESIGNATION

A	P & T RELIEF VALVE DRAIN TO SERVICE SINK	E	WALL MOUNTED
B	EXPANSION TANK		
C	DISCONNECT SWITCH		
D	NON-SIMULTANEOUS OPERATION		

ELECTRIC CABINET UNIT HEATER SCHEDULE

TAG	MANUFACTURER & MODEL NO.	AREA SERVED	MOUNTING	LENGHT	CFM	BTU/HR	ELECTRICAL DATA			NOTES/ACCESSORIES
							WATTS	VOLT	AMPS	
EUH-1	MARKEL 3380 SERIES	TOILET RM 101	RECESS CEILING	---	175	10200	3000	240/1	12.5	A B
EUH-2	MARKEL 3380 SERIES	TOILET RM 102	RECESS CEILING	---	175	10200	3000	240/1	12.5	A B
EUH-3	MARKEL 3380 SERIES	UTILITY RM 103	RECESS CEILING	---	175	10200	3000	240/1	12.5	A B

NOTES AND ACCESSORIES DESIGNATION

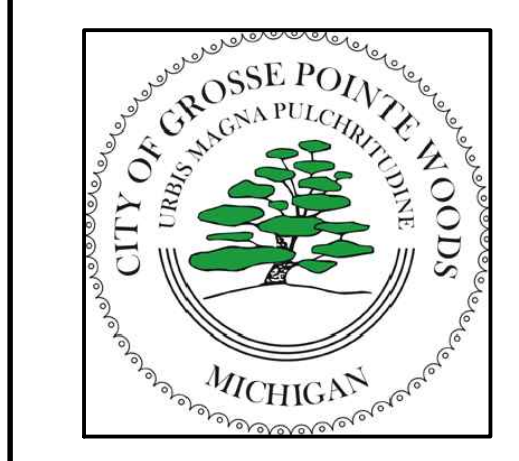
A	REMOTE THERMOSTAT W/LOCKABLE ENCLOSURE
B	UNIT MOUNTED DISCONNECT SWITCH

1 TOILET FACILITY SECTION
SCALE: 1" = 1'-0"

SVA
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JPM
Checked by:
JAV

Sheet Title:
SECTIONS & DETAILS

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Sheet No.:
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