

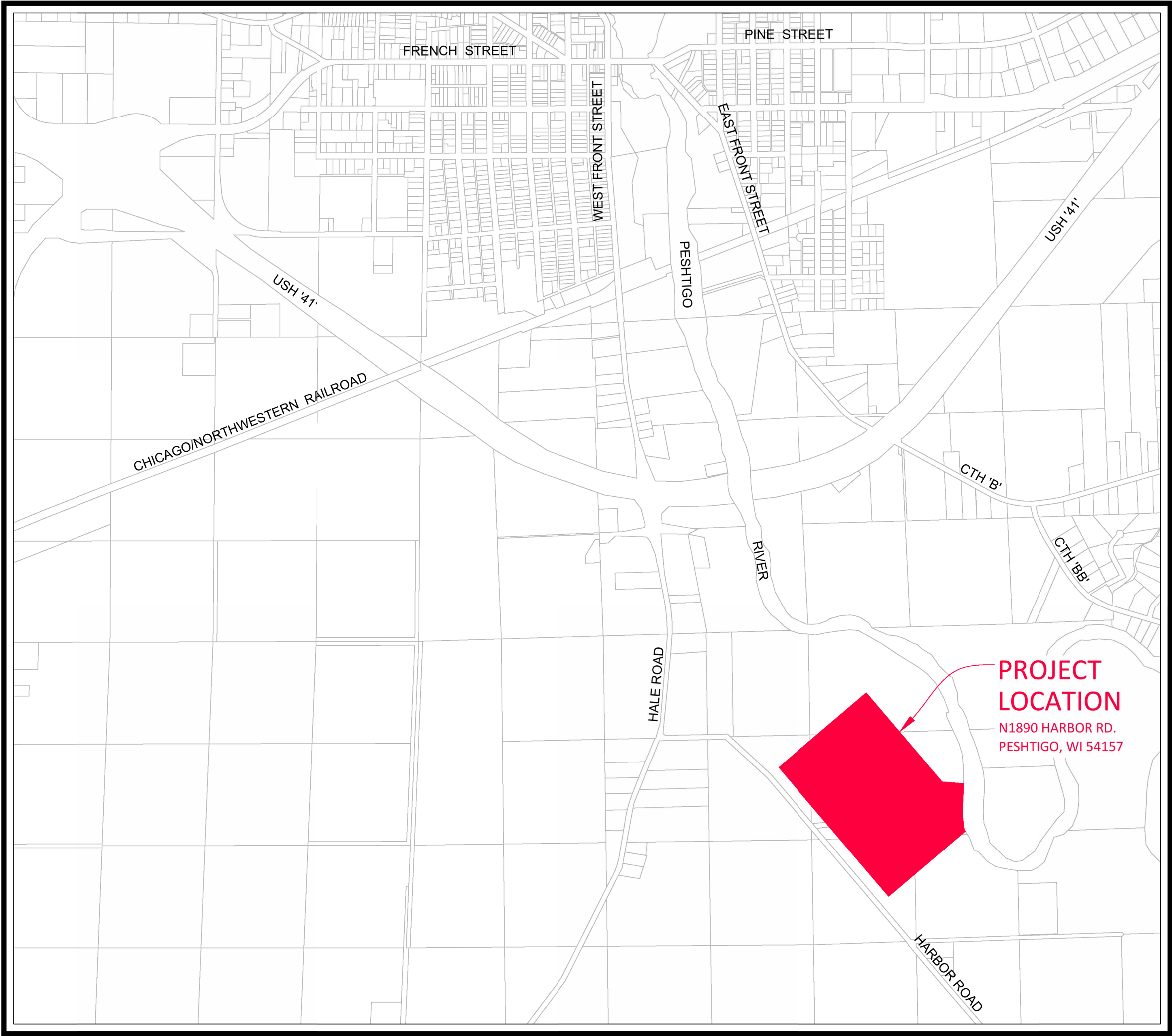


WWTF SECONDARY CLARIFIER SLUDGE AND SCUM COLLECTOR REPLACEMENT

CITY OF PESHTIGO
MARINETTE COUNTY, WISCONSIN

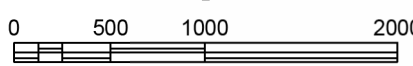
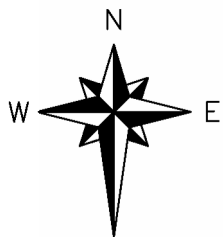
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LOCATION MAP

TOWN	RANGE	SECTION (s)
30N	23E	32 NW & SW



SCALE IN FEET

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ORIGINAL PLAN SET
IS IN COLOR



IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT FULL SCALE

ABBREVIATIONS

LISTED ALPHABETICALLY BY ABBREVIATION

AB	AIR HOSE BIBB	CND	CONDUIT	FD	FIRE DAMPER	INC	INCORPORATED			RHT	REFLECTOR HEIGHT	TSTAT	TERMOSTAT
A/E	ARCHITECT/ENGINEER	CO	CLEANOUT	FD	FLOOR DRAIN	INCL	INCLUSIVE	OA	OUTSIDE AIR	RM	ROOM	TV	TELEVISION
ABAN	ABANDON	COL	COLUMN	FDN	FOUNDATION	INL	INLET	OC	ON CENTER	RO	ROUGH OPENING	TVSS	TRANSIENT VOLTAGE SURGE
ABC	AGGREGATE BASE COURSE	COMB	COMBINATION	FEXT	FIRE EXTINGUISHER	INS	INSTRUMENT	OD	OUTSIDE DIAMETER	ROW	RIGHT OF WAY		SUPPRESSION
ABND	ABANDONED	COMP	COMPACTED	FFE	FINISH FLOOR ELEVATION	INTR	INTERIOR	OD	OVERFLOW DRAIN	RPPBP	REDUCED PRESSURE PRINCIPLE	TYP	TYPICAL
AC	ACRES	CONC	CONCRETE	FG	FLUSHING GATE	INV	INVERT	OD MH	OUTSIDE DROP MANHOLE		BACKFLOW PREVENTOR		
AC	AIR CONDITIONING	CONST	CONSTRUCTION	FIN	FINISH	INV EL	INVERT ELEVATION	OL	OUTLET	RPM	REVOLUTIONS PER MINUTE	UR	URINAL
ACC	ALTERNATING CURRENT	CONT	CONTINUOUS	FIN FL	FINISH FLOOR	IP	IRON PIPE	OL	OVERLOAD	RPZ	REDUCED PRESSURE ZONE	UBX	UTILITY BOX
ACCU	AIR COOLED CONDENSING UNIT	CONTR	CONTRACT / CONTRACTOR	FIN GR	FINISH GRADE	ISH	INTERSTATE HIGHWAY	OPNG	OPENING	RR	RAILROAD	UG	UNDERGROUND
ACU	AIR CONDITIONING UNIT	COR	CORNER	FLA	FULL LOAD AMPS	IWH	INSTANTANEOUS WATER HEATER	OPP	OPPOSITE	RRX	RAILROAD SPIKE	UH	UNIT HEATER
AD	ACCESS DOOR	CORP	CORPORATION	FLDENT	FIELD ENTRANCE			ORF	ORIFICE	RT	RIGHT	UHF	ULTRA HIGH FREQUENCY
AD	AUTOMATIC DAMPER	CORR	CORRUGATED	FLG	FLANGE	JB	JUNCTION BOX	ORIG	ORIGINAL	RTU	REMOTE TERMINAL UNIT	ULT	ULTIMATE
ADD	ADDITION	CPLG	COUPLING	FLN	FLOW LIN	JS	JANITOR SINK	OS	OCCUPANCY SENSOR	RTU	ROOF TOP UNIT	UNEX	UNEXCAVATED
ADDM	ADDENDUM	CPP	CORRUGATED PLASTIC PIPE	FLR	FLOOR	JST	JOIST	OSB	ORIENTED STRAND BOARD	RV	RELIEF VALVE	UP	UTILITY POLE
ADJ	ADJUSTABLE	CR	CONTROL RELAY	FLR1	FIRST FLOOR	JT	JOINT	OT	OVER TEMPERATURE	RW	RAW WASTEWATER	UPS	UNINTERRUPTIBLE POWER SUPPLY
AFF	ABOVE FINISH FLOOR	CR	CORROSION RESISTANT	FLSW	FLOW SWITCH			OVHD	OVERHEAD				
AFG	ABOVE FINISH GRADE	CR	CREEK	FLT	FLOAT SWITCH	K	KIP	OZ	OUNCE(S)	S	SOUTH	USGS	UNITED STATES GEOLOGICAL SURVEY
AGGR	AGGREGATE	CS	CURB STOP	FLUOR	FLUORESCENT	KV	KILOVOLT	PAVT	PAVEMENT	S	SINK		
AHU	AIR HANDLING UNIT	CSM	CERTIFIED SURVEY MAP	FM	FLOW METER	KVA	KILOVOLT AMPERE	PB	PULL BOX	S/S	SOUTH SIDE	USH	UNITED STATES HIGHWAY
AIC	AMPERE INTERRUPTING CAPACITY	CT	COURT	FM	FORCE MAIN	KW	KILOWATT	PC	PHOTO CONTROLLED	SA	SUPPLY AIR	UTIL	UTILITY
AL	ALUMINUM	CT	CURRENT TRANSFORMER	FN	FENCE	KWH	KILOWATT HOUR	PC	POINT OF CURVATURE	SAN	SANITARY	UV	ULTRAVIOLET LIGHT
ALP	AIR-LOW PRESSURE	CTE	CONNECT TO EXISTING	FNT	FRONT			PC	POINT OF CURVATURE	SAN SWR	SANITARY SEWER	UV	VENT PIPE BELOW GRADE/SLAB
ALT	ALTERNATE	CTH	COUNTY TRUNK HIGHWAY	FPM	FEET PER MINUTE	LA	LANE	PCC	POINT OF COMPOUND CURVE	SCADA	SUPERVISORY CONTROL AND	V	VALVE
AMP	AMPERE	CTR	CENTER	FPS	FEET PER SECOND	LAT	LATERAL	PCP	PUMP CONTROL PANEL		DATA ACQUISITION	V	VENT PIPE ABOVE GRADE/SLAB
AMT	AMOUNT	CU	CUBIC	FRM	FRAME	LAV	LAVATORY	PDP	POWER DISTRIBUTION PANEL	SCFH	STANDARD CUBIC FEET PER HOUR	V	VOLT
AP	ACCESS PANEL	CULV	CULVERT	FRP	FIBER REINFORCED POLYESTER	LB(S)	POUND (POUNDS)	PE	PHOTO ELEMENT	SCFM	STANDARD CUBIC FEET PER	VA	VOLT AMPERE
APP	APPROACH	CV	CONTROL VALVE	FS	FLOOR SINK	LC	LONG CHORD	PE	PLAIN END		MINUTE	VBX	VALVE BOX
APT	ANGLE POINT	CW	COLD WATER PIPE	FT	FOOT / FEET	LC	LONG CHORD	PE	POLYETHYLENE	SD	SMOKE DETECTOR	VC	VERTIVAL CURVE
APT	APARTMENT	CY	CUBIC YARD	FTG	FOOTING	LF	LINEAL FOOT (FEET)	PE	PEDESTAL	SD	SITE DRAIN	VCP	VITRIFIED CLAY PIPE
AR	AIR RELEASE			FURN	FURNITURE	LIN	LINEAL	PERM	PERMANENT	SE	SOUTHEAST	VCT	VINYL COMPOSITION TILE
ARCH	ARCHITECTURAL	DC	DIRECT CURRENT	FUT	FUTURE	LITE	LIGHT	PF	POWER FACTOR	SE	SECONDARY EFFLUENT	VD	VOLUME DAMPER
ASPH	ASPHALT	DCP	DIVERSION CONTROL PANEL	FV	FLAP VALVE	LL	LIVE LOAD	PG	PRESSURE GAGE	SECT	SECTION	VEL	VELOCITY
ASSY	ASSEMBLY	DCT	DECANT	FVNR	FULL VOLTAGE NON-REVERSING	LNDSCP	LANDSCAPE AREA	PH	PHASE	SF	SQUARE FOOT	VENT	VENTILATOR
ASU	AIR SUPPLY UNIT	DEG	DEGREE	FVR	FULL VOLTAGE REVERSING	LOC	LOCATION	PI	POINT OF INTERSECTION	SF	SUPPLY FAN	VERT	VERTICAL
AT	AIR TIGHT	DEMO	DEMOLITION	FXTR	FIXTURE	LONG	LONGITUDINAL	PK	PK NAIL	SFU	SUPPLY FIXTURE UNIT	VFD	VARIABLE FREQUENCY DRIVE
ATS	AUTOMATIC TRANSFER SWITCH	DEPT	DEPARTMENT			LP	LIGHT POLE	PKG	PARKING	SH	SHOWER	VHF	VERY HIGH FREQUENCY
AV	AIR VENT	DESC	DESCRIPTION			LP	LIGHTING PANEL	PKWY	PARKWAY	SHLDR	SHOULDER	VS	VENT STACK
AVE	AVENUE	DET	DETENTION			LPT	LOW POINT	PL	PLACE	SHT	SHEET	VTR	VENT THROUGH ROOF
AWG	AMERICAN WIRE GAGE	DF	DRINKING FOUNTAIN			LR	LONG RADIUS	PL	PROPERTY LINE	SI	SECONDARY INFLUENT	W2	SERVICE WATER (NPW)
		DFU	DRAINAGE FIXTURE UNITS			LS	LUMP SUM	PLBG	PLUMBING	SI	SQUARE INCH	W3	FLUSHING WATER
B&B	BALLED & BURLAP	DH	DOUBLE HUNG			LT	LEFT	PLC	PROGRAMMABLE LOGIC	SIM	SIMILAR	W	WASTE
B/B	BACK TO BACK	DIA	DIAMETER			LT	LEVEL TRANSDUCER		CONTROLLER	SL	SLUDGE	W	WATT
BA	BANK	DIFF	DIFFUSER			LTA	LOW TEMPERATURE ALARM	PLNTR	PLANTER	SLD	SLUDGE LEACHATE DRAIN	W	WEST
BAL	BALANCE	DIP	DUCTILE IRON PIPE			LT WT	LIGHTWEIGHT	PNL	PANEL	SP	SUMP PUMP	W/	WITH
BBH	BASE BOARD HEATER	DIST	DISTANCE			LTG	LIGHTING	PO	POLYMER SOLUTION	SPEC	SPECIFICATION	W/O	WITHOUT
BC	BACK OF CURB	DIT	DITCH			LVR	LOUVER	POLY	POLYETHYLENE	SPK	SPIKE	W/S	WEST SIDE
BD	BACKFLOW DAMPER	DMPR	DAMPER			LWL	LOW WATER LEVEL	PP	POWER PANEL	SPKR	SPEAKER	WAS	WASTE ACTIVATED SLUDGE
BEG	BEGIN	DN	DOWN					PP	POWER POLE	SQ	SQUARE	WC	WALL CLOSET
BFF	BELOW FINISH FLOOR	DO	DISSOLVED OXYGEN					PPM	PARTS PER MILLION	SS	SERVICE SINK	WCO	WALL CLEANOUT
BFV	BUTTERFLY VALVE	DOT	DEPT OF TRANSPORTATION					PREFAB	PREFABRICATED	SS	STAINLESS STEEL	WD	WIRING DIAGRAM
BIT	BITUMINOUS	DR	DRIVE					PRELIM	PRELIMINARY	SS	SOIL STACK	WH	WATER HEATER
BK	BACK	DRNTIL	DRAIN TILE					PRES	PRESSURE	SSE	SOUTH SOUTHEAST	WH	WATER HYDRANT
BL	BASE LINE	DRWY	DRIVEWAY					PRLV	PRESSURE RELIEF VALVE	SSK	SERVICE SINK	WK	SIDEWALK
BLDG	BUILDING	DS	DOWNSPOUT					PROJ	PROJECT	SSRV	SOLID STATE REDUCED VOLTAGE	WL	WATER LEVEL
BLK	BLOCK	DTL	DETAIL					PROP	PROPERTY	SSW	SOUTH SOUTHWEST	WM	WATER MAIN
BLKHD	BULKHEAD	DWG	DRAWING					PROPD	PROPOSED	ST	STREET	WNW	WEST NORTHWEST
BLNV	BALANCING VALVE							PRV	POWER ROOF VENTILATOR	STA	STATION	WP	WEATHER PROOF
BLT	BOLT	E	EAST					PRV	PRESSURE REDUCING VALVE	STAG	STAGGERED	WS	WATER SERVICE
BLVD	BOULEVARD	E/S	EAST SIDE					PS	PRESSURE SWITCH	STD	STANDARD	WS	WASTE STACK
BM	BENCH MARK	EA	EXHAUST AIR					PSF	POUNDS PER SQUARE FOOT	STF	STRAIGHT THROUGH FAN	WSW	WEST SOUTHWEST
BND	BEND	EAT	ENTERING AIR TEMPERATURE					PSI	POUNDS PER SQUARE INCH	STH	STATE TRUNK HIGHWAY	WT	WEIGHT
BOT	BOTTOM	EBX	ELECTRICAL BOX					PT	POINT	STK	STAKE	WTR	WATER
BPW	BELT PRESS WASH WATER	EC	ELECTRICAL CONTRACTOR					PT	PRESSURE TRANSDUCER	STL JST	STEEL JOIST	WV	WATER VALVE
BR	BRUSH	ECC RDCR	ECCENTRIC REDUCER					PTN	PARTITION	STM	STEAM	WW	WASTEWATER
BRG	BEARING	EF	EACH FACE					PV	PLUG VALVE	STN	STONE	WWF	WELDED WIRE FABRIC
BRK	BREAK	EF	EXHAUST FAN					PVC	POLYVINYL CHLORINE	STO	STORM	WWTF	WASTEWATER TREATMENT
BS	BACKSIGHT	EHD	ELECTRICAL HAND DRYER							STO SWR	STORM SEWER		FACILITY
BSMT	BASEMENT	EL	ELEVATION					QCD	QUIT CLAIM DEED	STP	SHIELDED TWISTED PAIR	X SECT	CROSS SECTION
BTU	BRITISH THERMAL UNIT	ELEC	ELECTRIC / ELECTRICAL					QT	QUARRY TILE	SUBD	SUBDIVISION	XFMR	TRANSFORMER
BV	BALL VALVE	EMH	ELECTRICAL MANHOLE					QTY	QUANTITY	SUSP CLG	SUSPENDED CEILING	XING	CROSSING
		EMT	ELECTRICAL METALIC TUBING							SV	SOLENOID VALVE	YCO	YARD CLEANOUT
C&G	CURB AND GUTTER	ENCL	ENCLOSED					R	RISER	SW	SOUTHWEST	YD	YARD
C/C	CENTER TO CENTER	ENE	EAST NORTHEAST					R	RIVER	SWBD	SWITCHBOARD	YH	YARD HYDRANT
C/F	CUT AND/OR FILL	ENGR	ENGINEER					R/R	REMOVE AND REPLACE	SWGR	SWITCHGEAR	Z	GRADE SHOT
CA	COMBUSTION AIR	EQUIP	EQUIPMENT					RA	RETURN AIR	SWL	SWALE		
CAB	CABINET	ES	EMERGENCY SHOWER					RAD	RADIUS	SWR	SEWER		
CAP	CAPACITY	ESE	EAST SOUTHEAST					RAS	RETURN ACTIVATED SLUDGE	SY	SQUARE YARD		
CB	CATCH BASIN	ESMT	EASEMENT					PBM	REFERENCE BENCH MARK				
CB	CIRCUIT BREAKER	ETC	ET CETERA					RC	RAIN CONDUCTOR	T	TREAD		
CBX	CABLE TV BOX	EUH	ELECTRIC UNIT HEATER					RC	REINFORCED CONCRETE	T&B	TOP & BOTTOM		
CCP	CONCRETE CULVERT PIPE	EW	EACH WAY					RCCP	REINFORCED CONCRETE CULVERT	TAN	TANGENT		
CF	CUBIC FEET	EW	EMERGENCY EYE WASH						PIPE	TAS	THICKENED ACTIVATED SLUDGE		
CFM	CUBIC FEET PER MINUTE	EW	ELECTRIC WATER COOLER					RCP	REINFORCED CONCRETE PIPE	TB	TEST BORING		
CFF	CORNER FENCE POST	EW	ELECTRIC WATER HEATER					RCPA	REINFORCED CONCRETE PIPE	TBC	TOP BACK CURB		
CHAN	CHANNEL	EWLH	ELECTRIC WALL HEATER						ARCH	TBM	TEMPORARY BENCH MARK		
CHK	CHECK	EXH DT	EXHAUST DUCT					RD	ROAD	TBX	TELEPHONE BOX		
CHKV	CHECK VALVE	EXP JT	EXPANSION JOINT					RD	ROOF DRAIN	TC	TEMPERATURE CONTROL PANEL		
CI	CAST IRON	EXST	EXISTING					RDC	REDUCER	TCS	TIME CONTROL SWITCH		
CI	CUBIC INCH	EXT	EXTERIOR / EXTERNAL					RDWY	ROADWAY	TD	TRENCH DRAIN		
CIP	CAST IN PLACE							REBAR	REINFORCEMENT BAR	TEL	TELEPHONE		
CIP	CAST IRON PIPE	F	FILL					RECD	RECEIVED	TEMP	TEMPERATURE		
CJ	CONSTRUCTION JOINT	F/F	FACE TO FACE					REF	REFERENCE	TEMP	TEMPORARY		
CKT	CIRCUIT	FA	FIRE ALARM					REINF	REINFORCE	THRU	THROUGH		
CL	CENTER LINE	FACP	FIRE ALARM CONTROL PANEL					RELOC	RELOCATE	TL	TRANSIT LINE /TRAVERSE LINE		
CLG	CEILING	FACT	FACTORY					REQD	REQUIRED	TP	TURNING POINT		
CLJ	CONTROL JOINT	FB	FILTER BACKWASH WASTEWATER					RES	RESIDENTIAL	TR	TIMING RELAY		
CLR	CLEAR	FC	FACE OF CURB					RET	RETENTION	TR	TRAIL		
CMP	CORRUGATED METAL PIPE	FCA	FLANGED COUPLING ADAPTER					RETWL	RETAINING WALL	TR	TREE		
CMU	CONCRETE MASONRY UNIT	FCO	FLUSH CLEANOUT					RFG	ROOFING	TS	TRAFFIC SIGNAL		

WWTF SECONDARY CLARIFIER SLUDGE AND SCUM
COLLECTOR REPLACEMENT

ABBREVIATIONS

CITY OF PESHTIGO

MARINETTE COUNTY, WISCONSIN

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DRAWING NO.

2

SHEET NO.

G002

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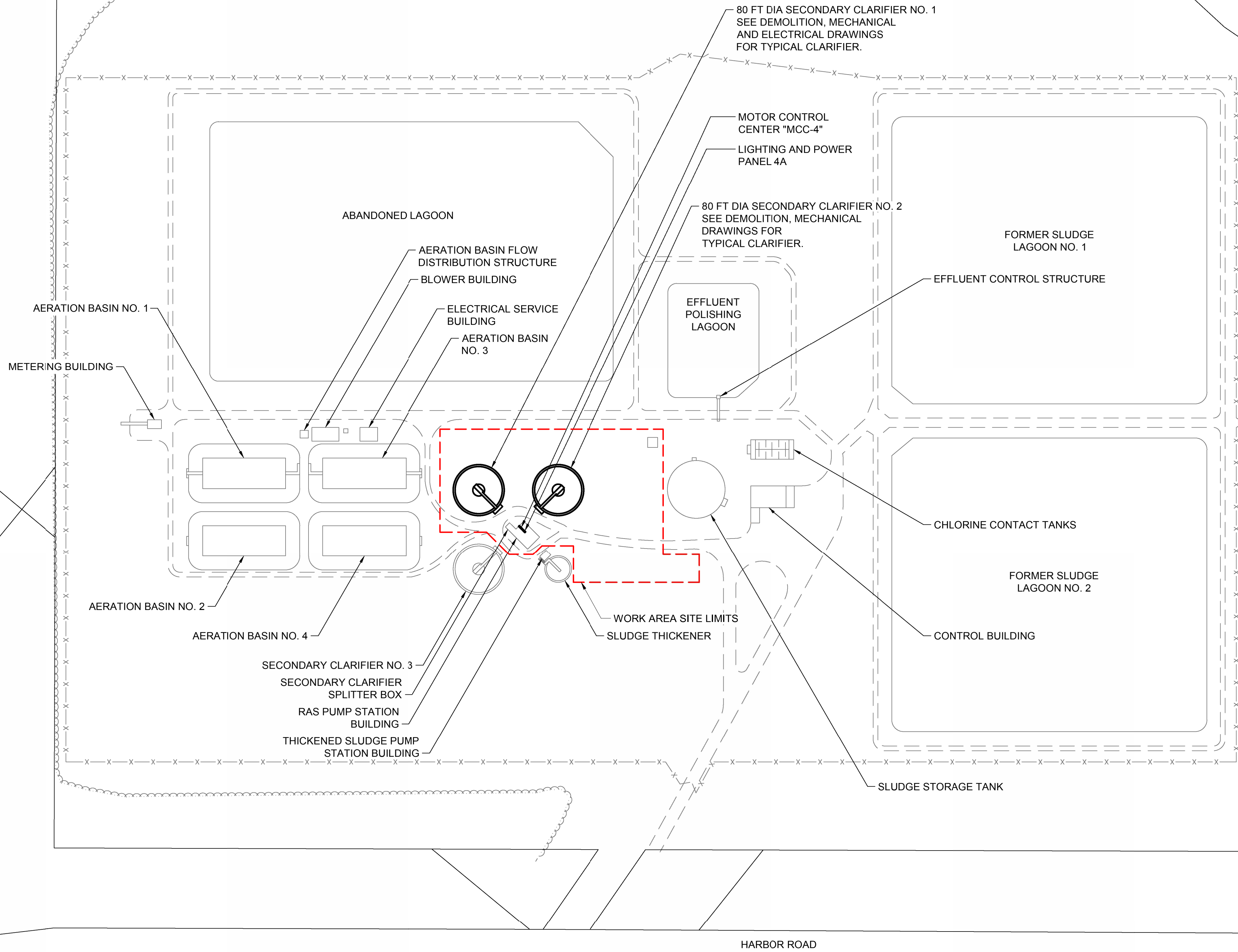
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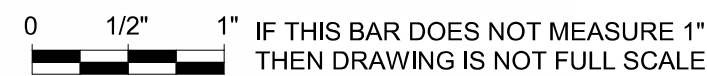
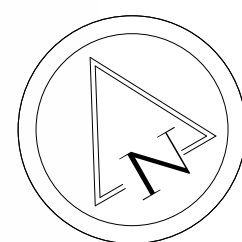
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0 1/2" 1" IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT FULL SCALE

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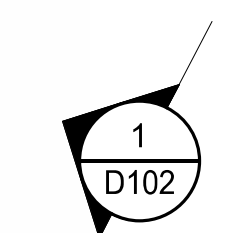
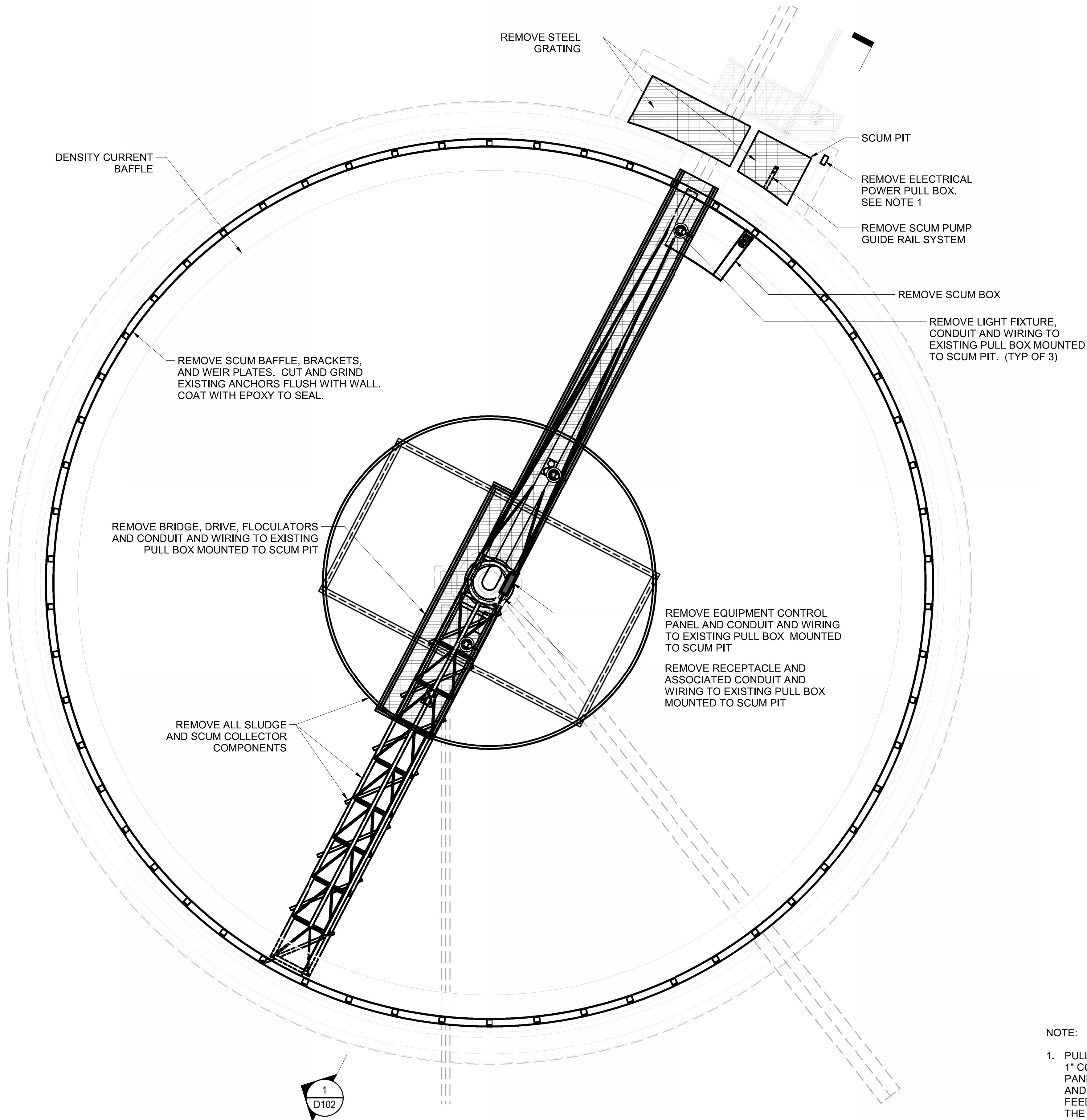


WWTF SITE PLAN
SCALE: 1" = 100'-0"



1						
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TYPICAL CLARIFIER DEMOLITION PLAN

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

NOTE:

1. PULL BOX IS SUPPLIED WITH POWER AND CONTROL WITH (4) 1" CONDUITS. CONDUITS ARE FOR EQUIPMENT CONTROL PANEL FEEDER, SCUM PUMP CONTROL, SCUM PUMP POWER, AND LIGHTING AND RECEPTACLE POWER. CONDUCTORS FEEDING THE PULL BOX TO REMAIN. CONDUCTORS AFTER THE PULL BOX TO BE REMOVED.

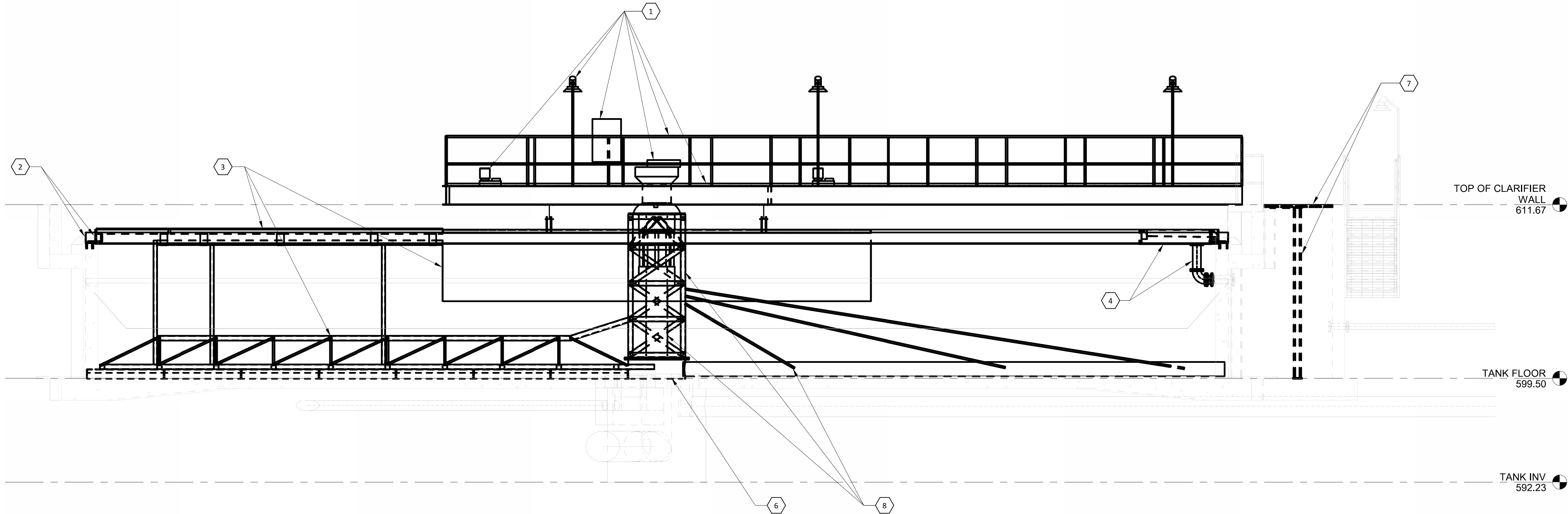


1		2		3		4		5		6		7	
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WORK ITEMS: 0

1. REMOVE BRIDGE, DRIVE, HANDRAIL, CONTROL PANEL, LIGHT FIXTURES, FLOCCULATORS, AND CONDUIT AND WIRING.
2. REMOVE SCUM BAFFLE, SUPPORT BRACKETS AND WEIRS.
3. REMOVE SCUM SKIMMER, TRUSS FRAME AND FLOCCULATION WELL.
4. REMOVE SCUM BOX AND PIPING.
5. REMOVE SUCTION HEADER, MANIFOLD, TORQUE CAGE, AND CENTER PIER.
6. CUT ANCHOR BOLTS FOR CENTER PIER AND GRIND FLUSH. COAT WITH EPOXY.
7. REMOVE GRATING AND GUIDE RAIL SYSTEM.



1
D102 CLARIFIER DEMOLITION SECTION 1
SCALE: 1/4" = 1'-0"

0 1/2" 1" IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT FULL SCALE

1	2	3	4	5	6	7
1	2	3	4	5	6	7

REVISIONS

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CLARIFIER DEMOLITION SECTIONS
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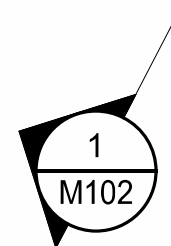
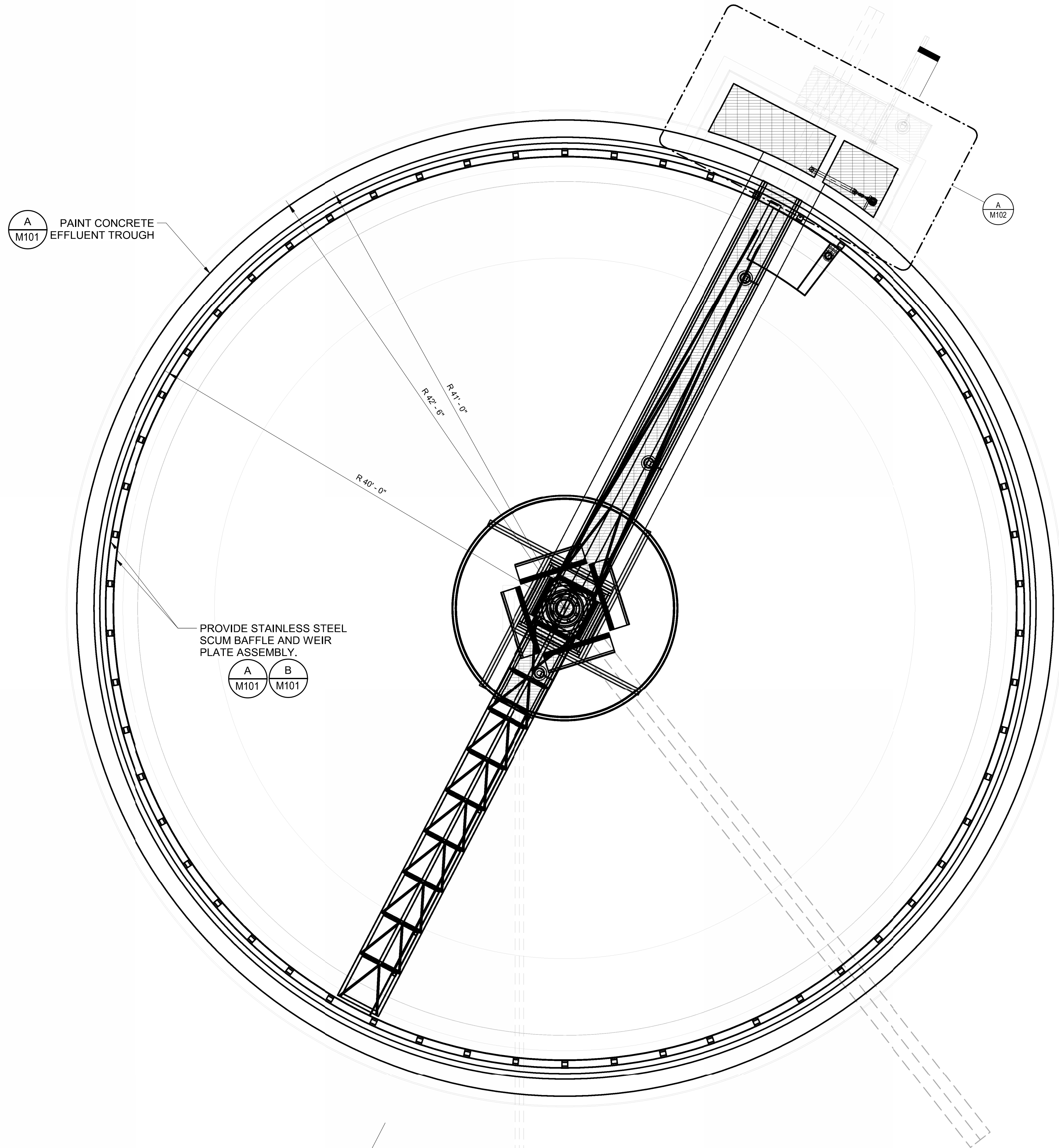
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DRAWING NO.
6

SHEET NO.
D102

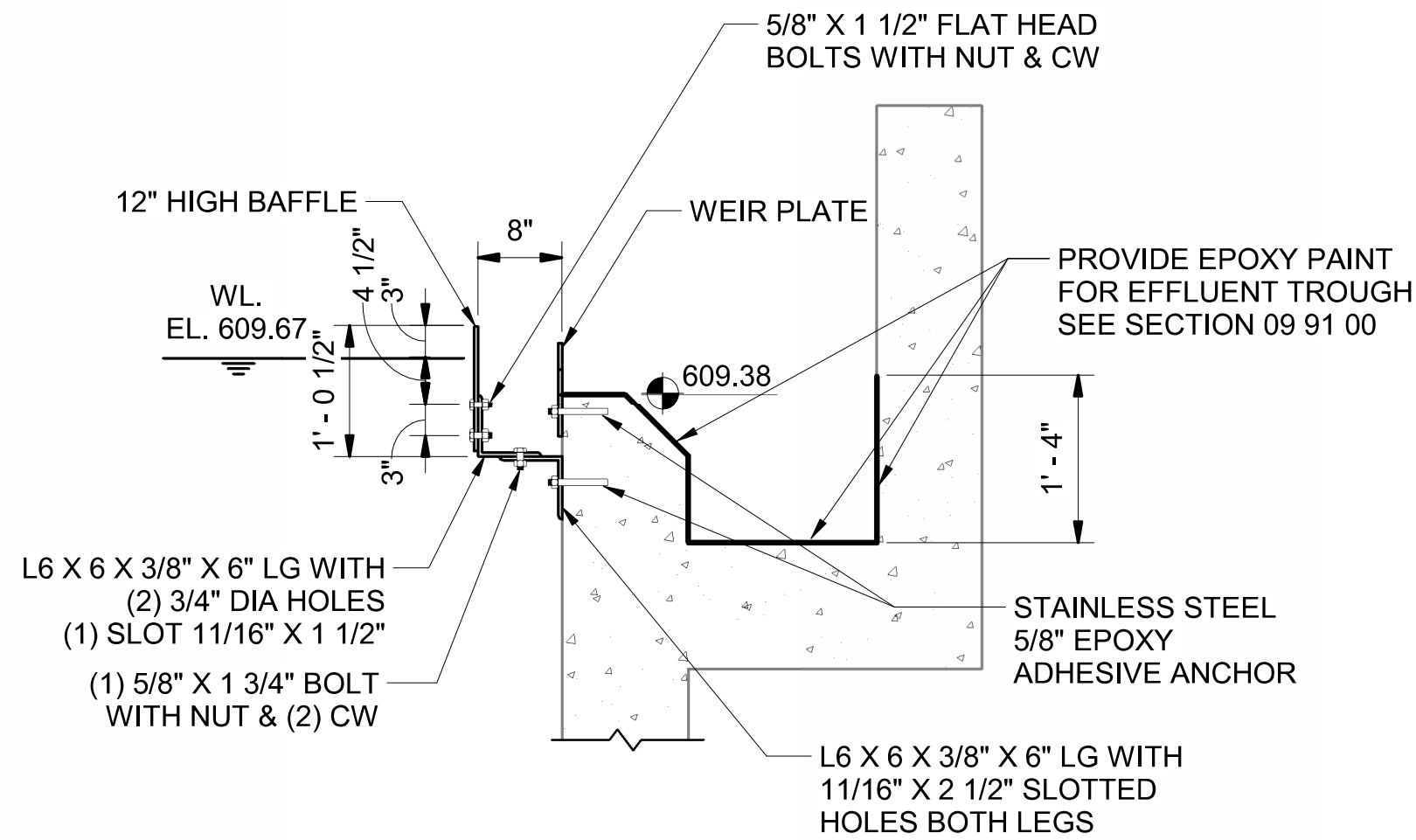
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TYPICAL CLARIFIER PLAN

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

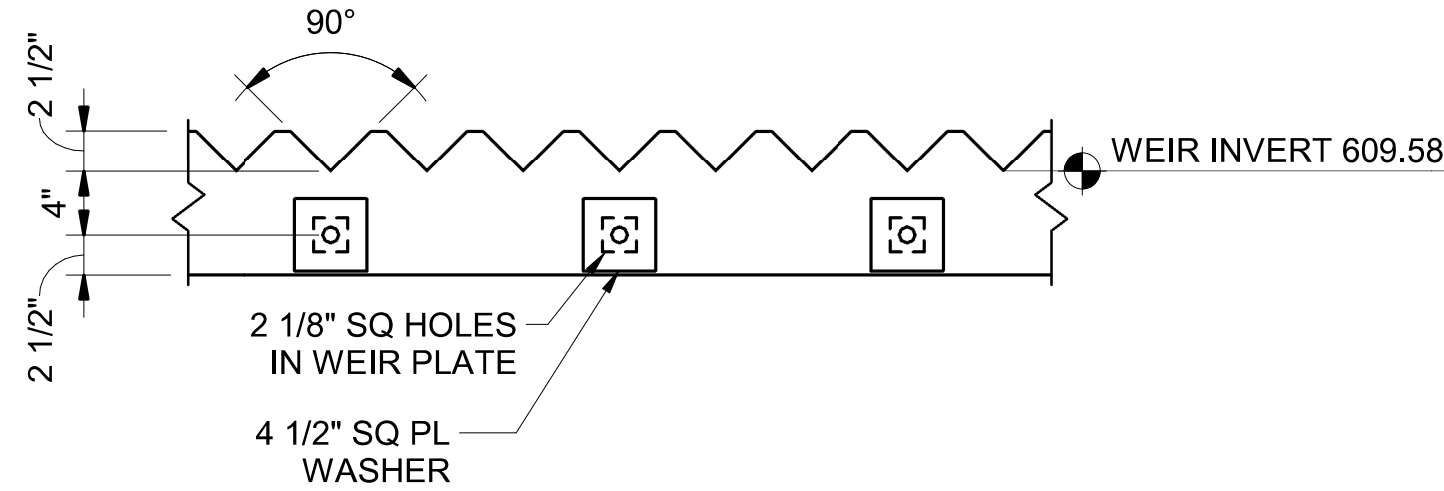


NOTE:

1. ALL FASTENERS SHALL BE TYPE 304 OR TYPE 316 STAINLESS STEEL.

EFFLUENT CHANNEL DETAIL

SCALE: 3/4" = 1'-0"



WEIR PLATE DETAIL

SCALE: 1" = 1'-0"

**WWTF SECONDARY CLARIFIER SLUDGE AND SCUM COLLECTOR REPLACEMENT
CLARIFIER MECHANICAL PLAN**

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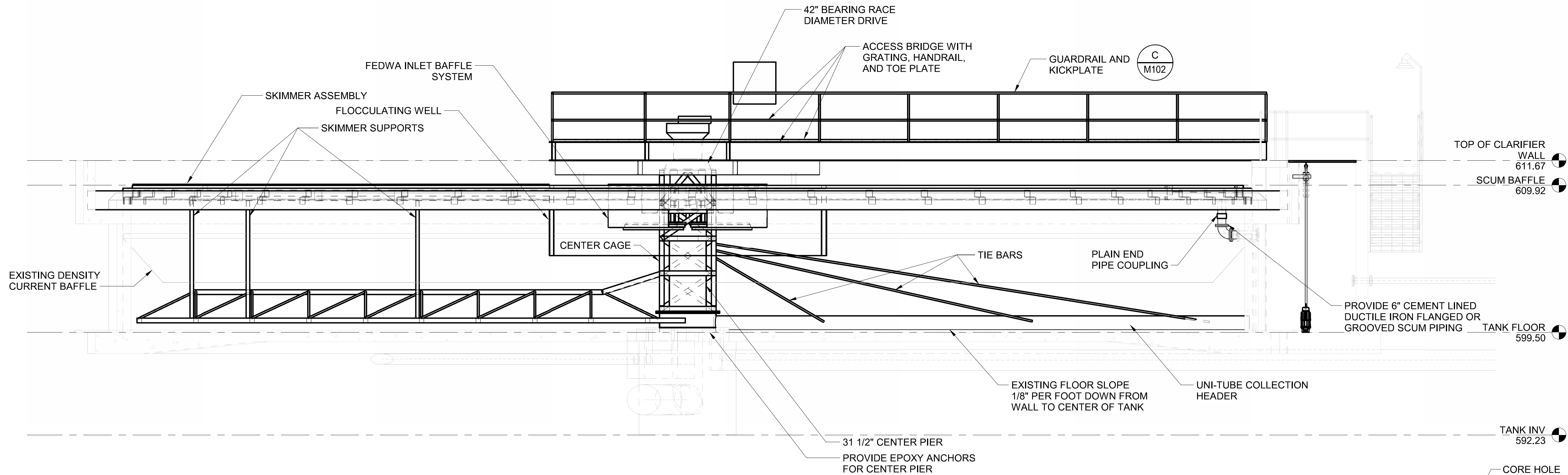
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SHEET NO.
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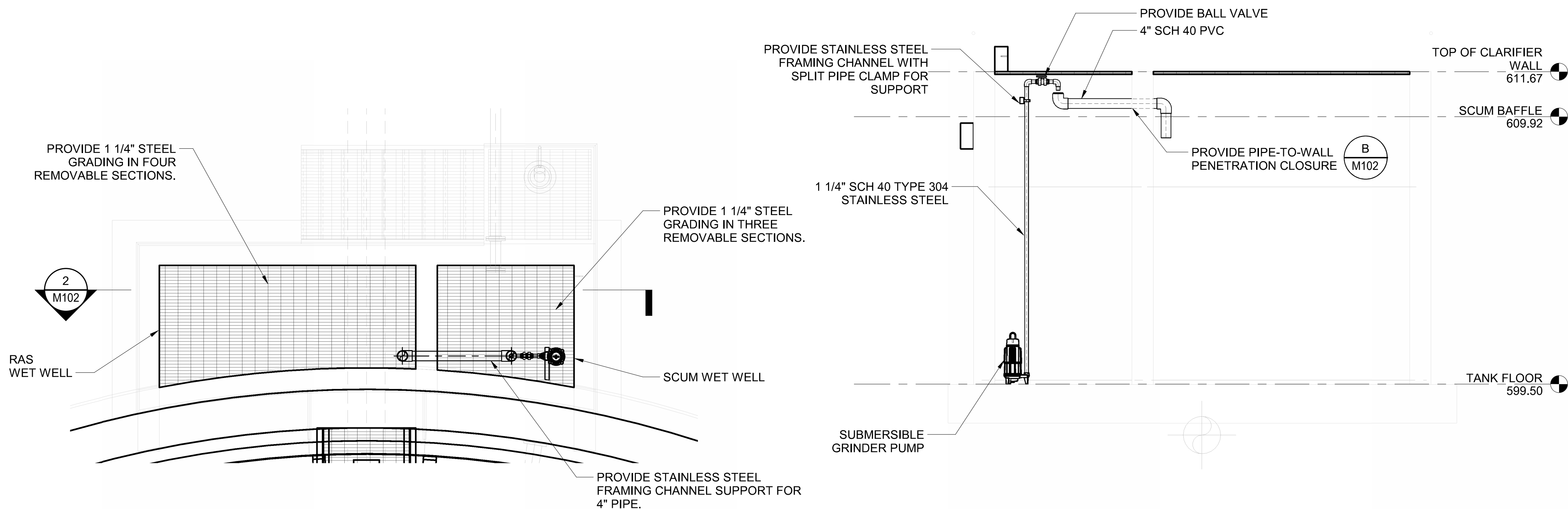
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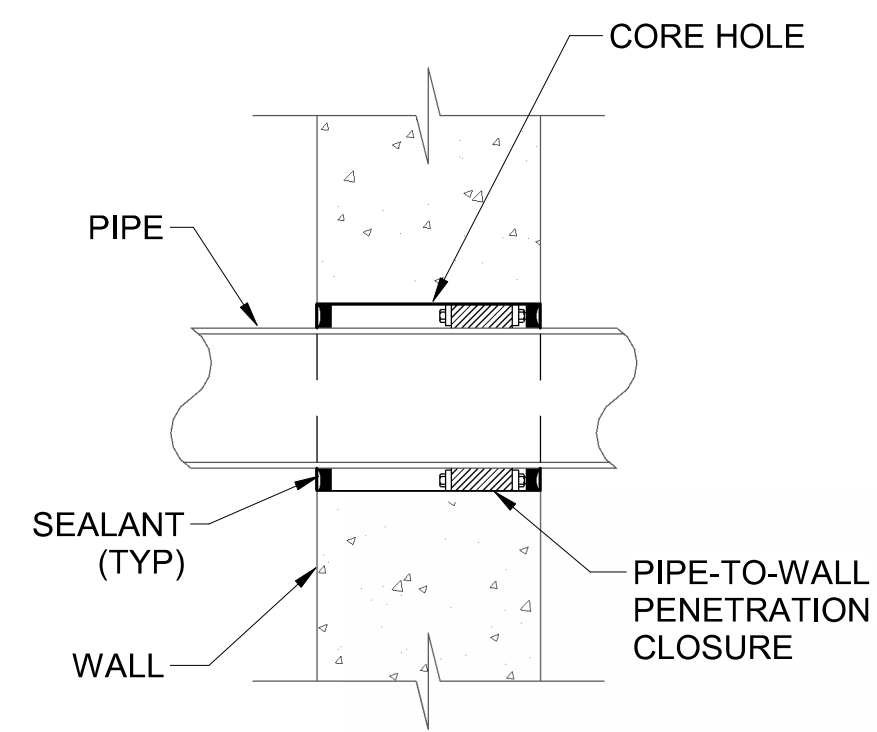


1
M102
TYPICAL CLARIFIER MECHANICAL SECTION
SCALE: 1/4" = 1'-0"

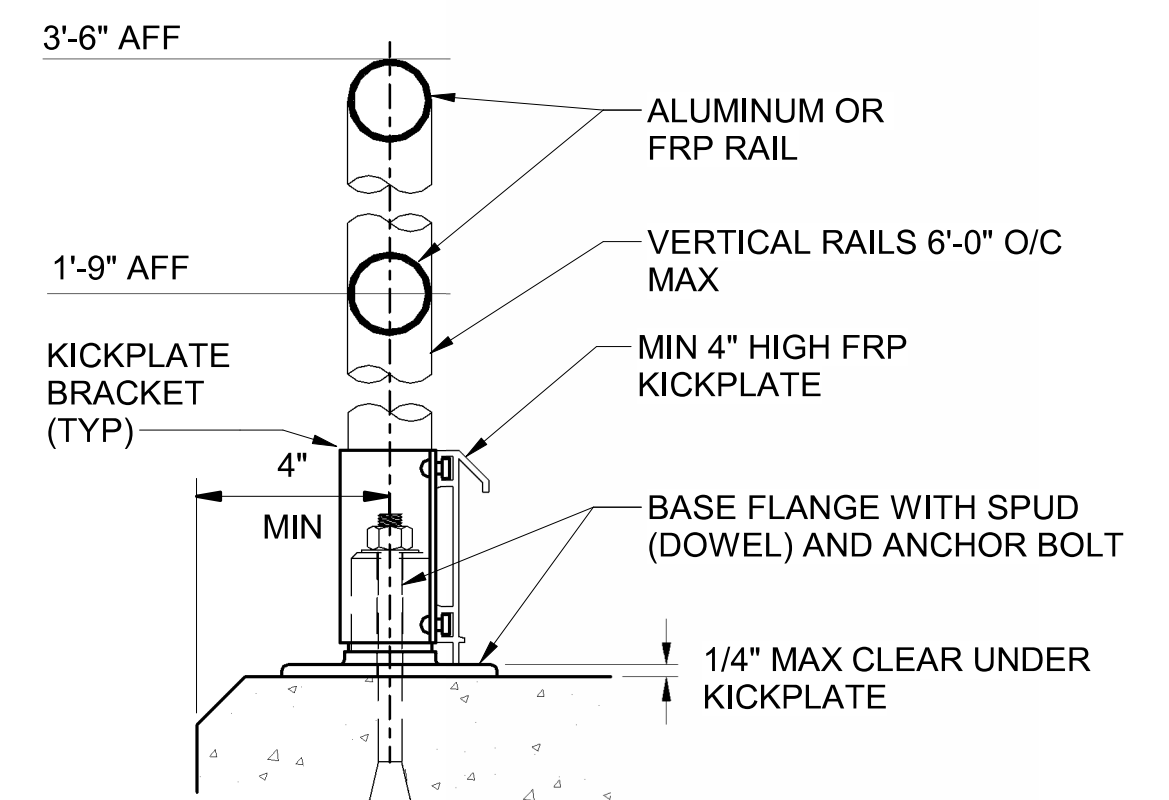


A
M102
SCUM BOX AREA PLAN
SCALE: 3/8" = 1'-0"

2
M102
Section 2
SCALE: 3/8" = 1'-0"



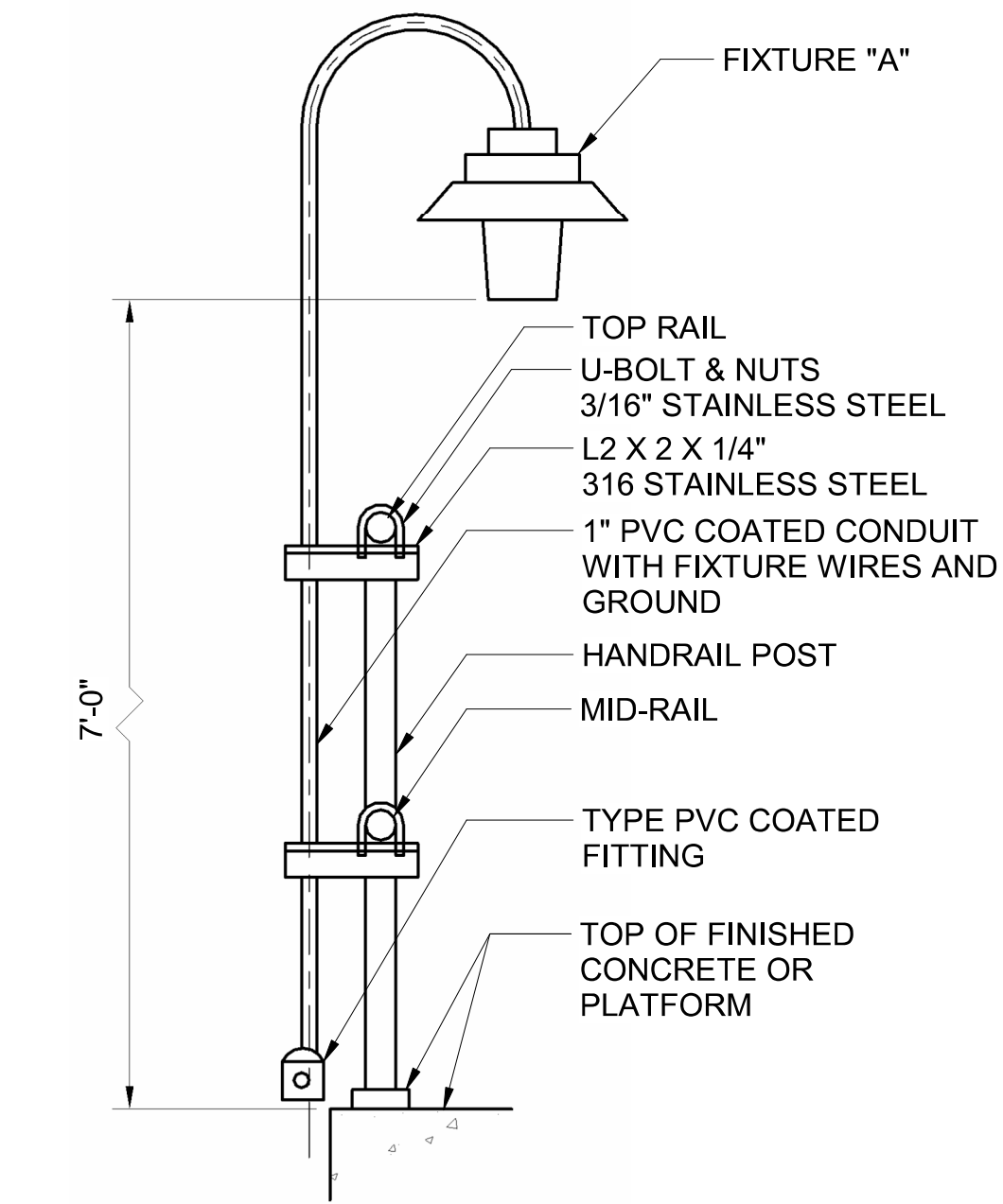
B
M102
PIPE-TO-WALL PENETRATION
NTS



C
M102
GUARDRAIL & KICKPLATE
NTS

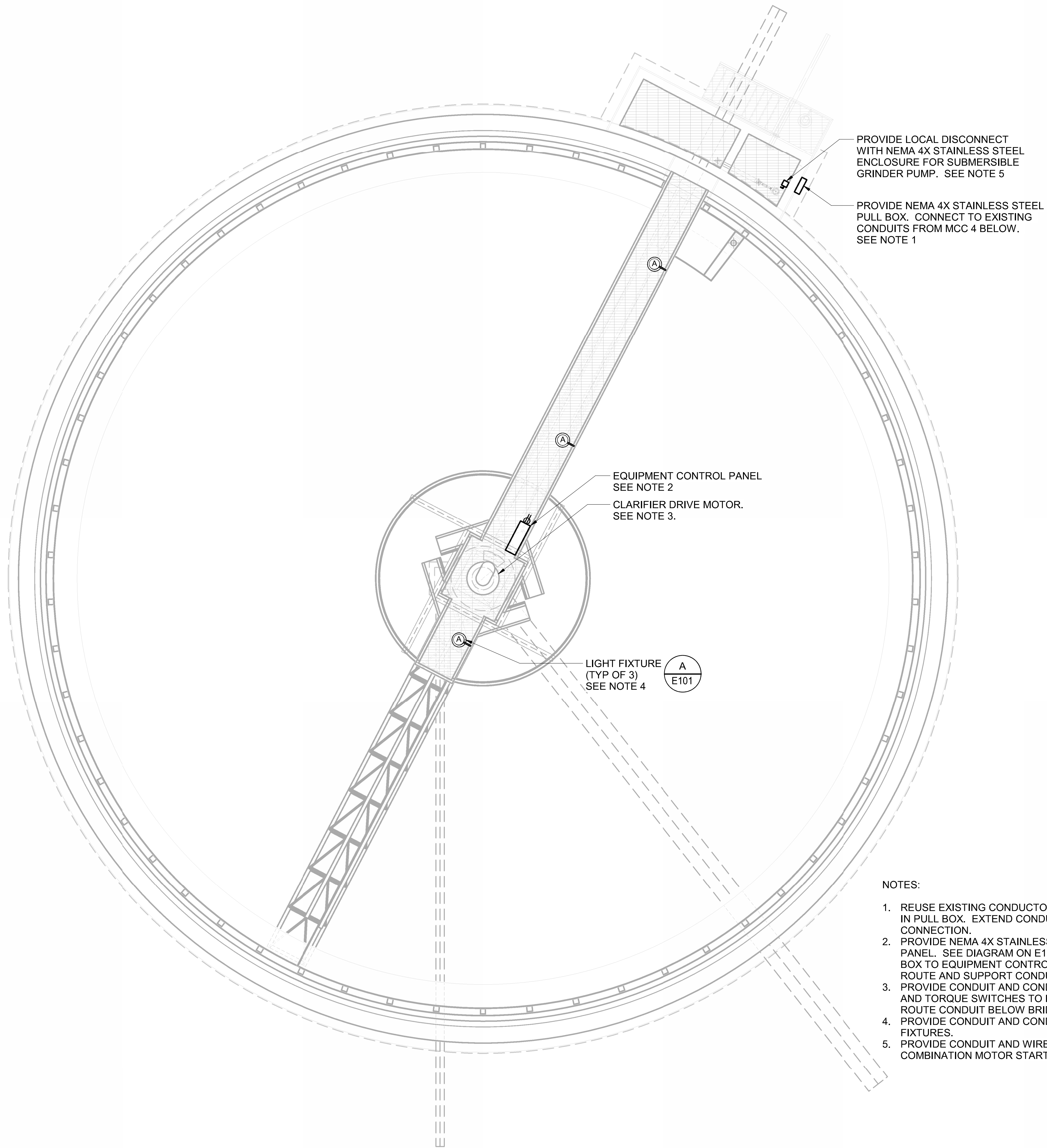
0 1/2" 1" IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT FULL SCALE

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NOTE: FIXTURE "A" TO BE EATON CROUSE HINDS
MODEL P 2LM2 W VLA 3 UNV1 S903 OR EQUAL.

TYPE "A" LIGHTING FIXTURE
NTS



NOTES:

1. REUSE EXISTING CONDUCTORS FEEDING PULL BOX FROM MCC 4 IN PULL BOX. EXTEND CONDUCTORS AS NEEDED WITH SPLICE CONNECTION.
2. PROVIDE NEMA 4X STAINLESS STEEL EQUIPMENT CONTROL PANEL. SEE DIAGRAM ON E103. PROVIDE CONDUIT FROM PULL BOX TO EQUIPMENT CONTROL PANEL FOR POWER WIRING. ROUTE AND SUPPORT CONDUIT FROM BRIDGE BEAM.
3. PROVIDE CONDUIT AND CONDUCTORS FROM CLARIFIER DRIVE AND TORQUE SWITCHES TO EQUIPMENT CONTROL PANEL. ROUTE CONDUIT BELOW BRIDGE.
4. PROVIDE CONDUIT AND CONDUCTORS FROM PULL BOX TO LIGHT FIXTURES.
5. PROVIDE CONDUIT AND WIRE FROM EXISTING PULL BOX TO COMBINATION MOTOR STARTER.

TYPICAL CLARIFIER ELECTRICAL PLAN

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



1	2	3	4	5	6	7
△	▽	▽	▽	▽	▽	▽

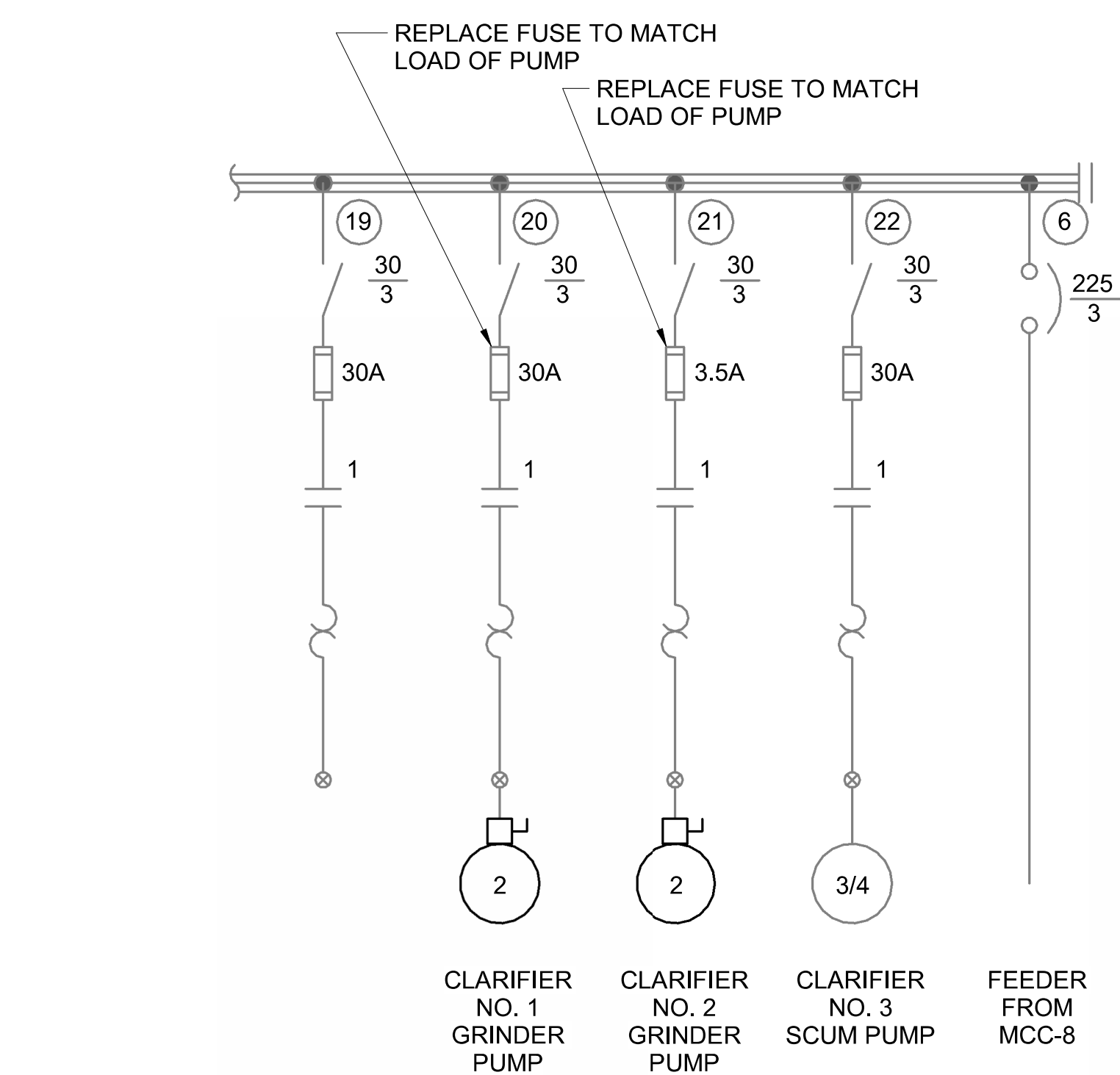
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**WWTF SECONDARY CLARIFIER SLUDGE AND SCUM
COLLECTOR REPLACEMENT
CLARIFIER ELECTRICAL PLAN**

CITY OF PESHTIGO
MARINETTE COUNTY, WISCONSIN

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FILE NO. 8288-10023
DRAWING NO. 9
SHEET NO. E101

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MCC 4 ONE-LINE DIAGRAM

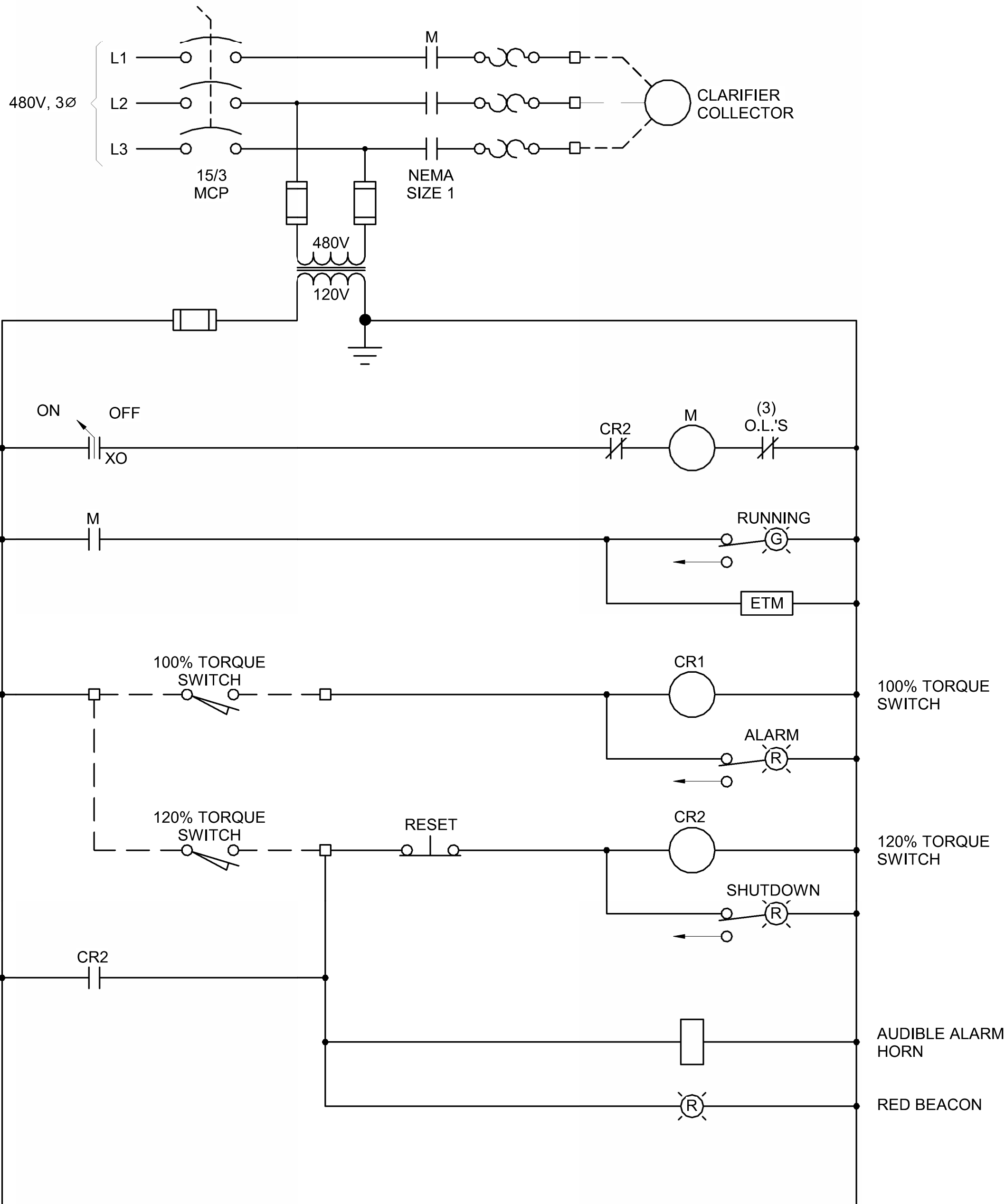
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**WWWTF SECONDARY CLARIFIER SLUDGE AND SCUM
COLLECTOR REPLACEMENT**

MOTOR CONTROL CENTER DETAILS

CITY OF PESHTIGO
MARINETTE COUNTY, WISCONSIN

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DRAWING NO. 10 SHEET NO. E102	



NOTES:

- ENCLOSURE TO BE NEMA 4X 304 STAINLESS STEEL.
- VISIBLE BEACON TO BE MOUNTED ON TOP OF THE PANEL.
- MOUNT AUDIBLE ALARM HORN, ON-OFF SWITCH, RESET PUSHBUTTON, AND INDICATING LIGHTS ON FACE OF ENCLOSURE DOOR.
- MOUNT EQUIPMENT ON ENCLOSURE TO MAINTAIN NEMA 4X RATING.

SECONDARY CLARIFIER EQUIPMENT CONTROL PANEL

LIGHTING & POWER PANEL '4A'

120/208V AC, 3φ, 4W, 225 AMP BUS												
LOAD			DESCRIPTION	BRK SIZE	CKT		CKT	BRK SIZE	DESCRIPTION	LOAD		
φA	φB	φC								φA	φB	φC
---	---	---	RAS PUMP STATION INTERIOR LIGHTS	20/1	1		2	20/1	CLARIFIER NO. 1 LIGHTS & RAS ROOF LIGHTS	---	---	---
---	---	---	SLUDGE BUILDING & THICKENER LIGHTS	20/1	3		4	20/1	CLARIFIER NO. 2 LIGHTS	---	---	---
---	---	---	RAS PUMP STATION EXTERIOR LIGHTS	20/1	5		6	20/1	CLARIFIER NO. 3 LIGHTS	---	---	---
---	---	---	SUMP PUMP	20/1	7		8	20/1	MCC RELAYS	---	---	---
100	---	---	EXTERIOR LIGHT	20/1	9		10	20/1	FLOOD LIGHT NW	---	---	---
---	---	---	RAS BUILDING RECEPTACLES	20/1	11		12	20/1	FLOOD LIGHT NE	---	---	---
---	---	---	INSTRUMENTS	20/1	13		14	20/1	FLOOD LIGHT SE	---	---	---
---	---	---	HEAT TRACE & SLUDGE BUILDING EMERGENCY LIGHTS	20/1	15		16	20/1	FLOOD LIGHT SW	---	---	---
---	---	---	AIR COMPRESSOR	30/2	17		18	30/2	SLUDGE BUILDING UNIT HEATER	---	---	---
---	---	---			19		20			---	---	---
---	---	---	SUB-TOTAL			φA φB φC			SUB-TOTAL	---	---	---
---	---	---	TOTAL									

WWTF SECONDARY CLARIFIER SLUDGE AND SCUM COLLECTOR REPLACEMENT
WIRING DIAGRAM AND SCHEDULES
CITY OF PESHTIGO
MARINETTE COUNTY, WISCONSIN

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FILE NO.

8288-10023

DRAWING NO.

11

SHEET NO.

E103

0 1/2" 1" IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT FULL SCALE

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