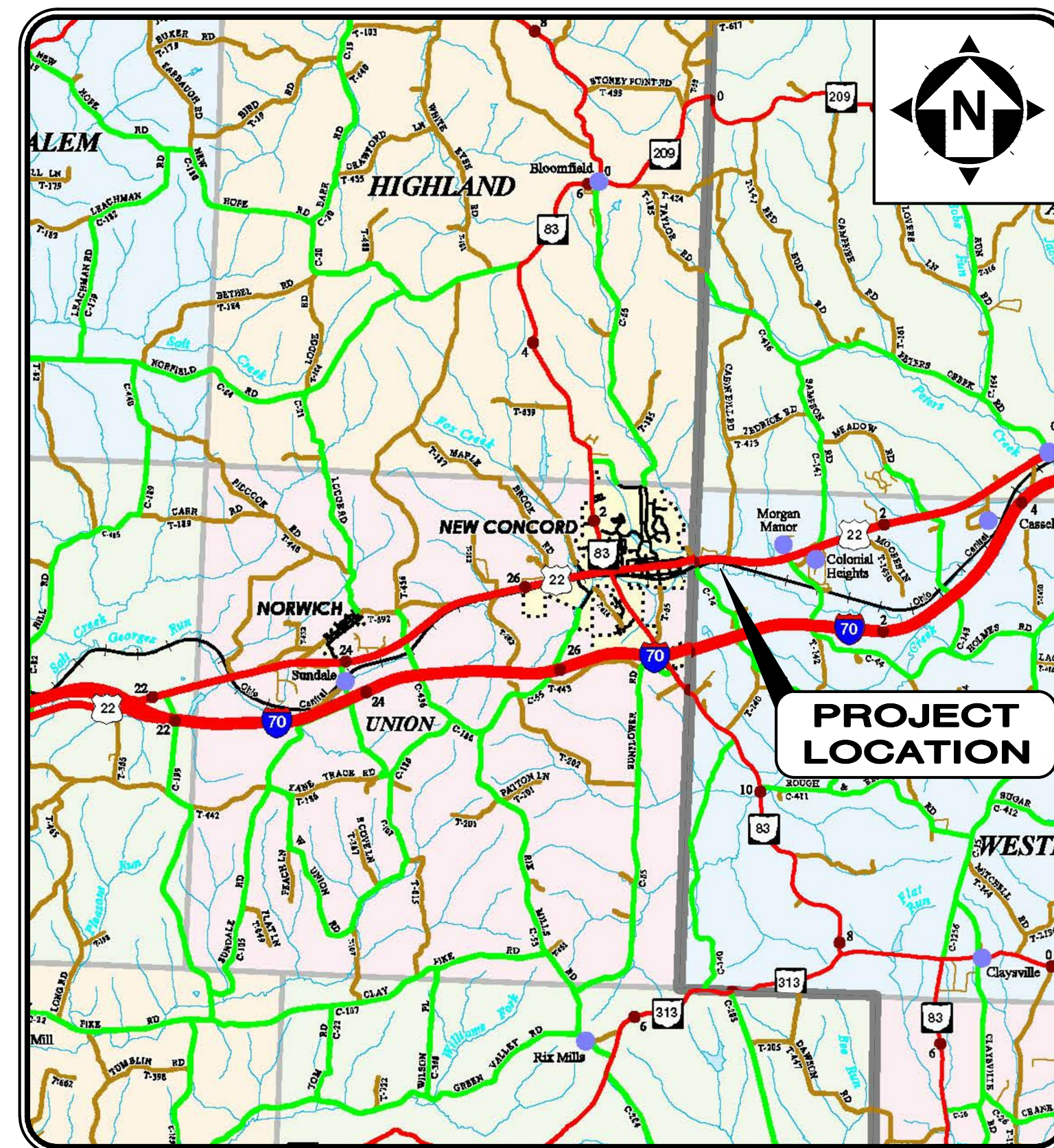
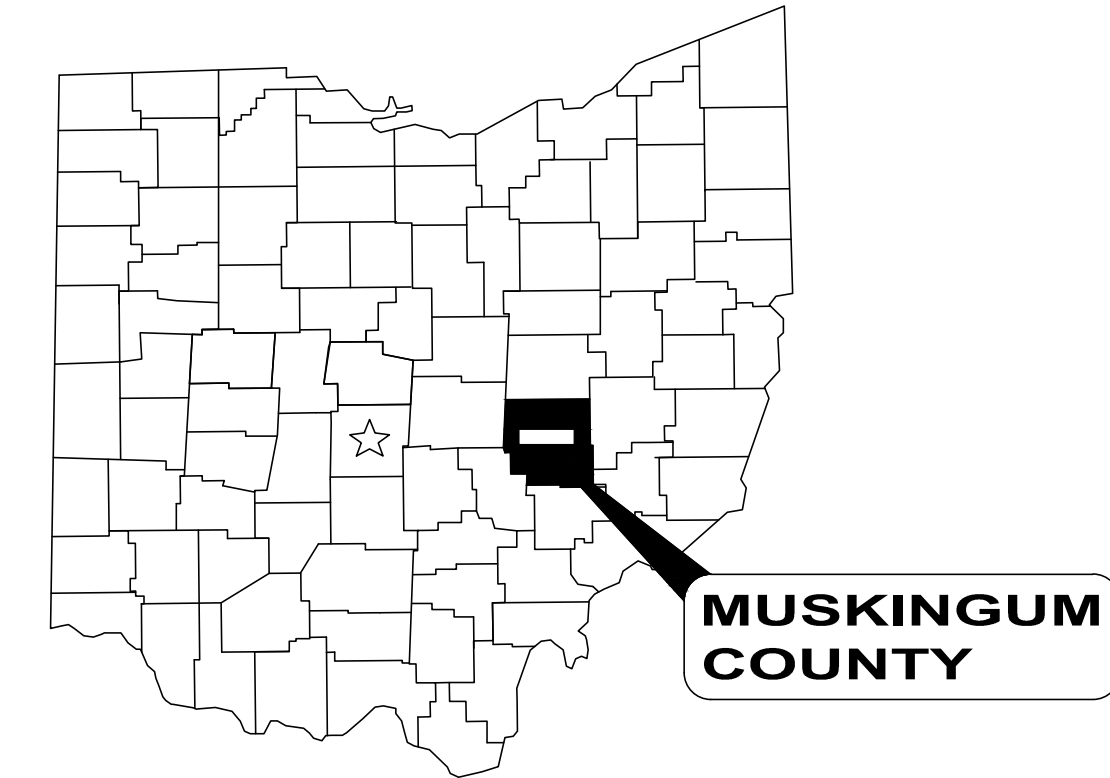


# VILLAGE OF NEW CONCORD

## WASTEWATER TREATMENT PLANT STANDBY GENERATOR

### NEW CONCORD MUSKINGUM COUNTY, OHIO

SEPTEMBER 2019



LOCATION MAP  
NOT TO SCALE

#### APPROVALS:

*Brett Essex* 10/7/2019  
BRETT ESSEX, MAYOR DATE

*Charlotte Colley* 10/6/2019  
CHARLOTTE COLLEY, VILLAGE ADMINISTRATOR DATE

*Chris Huebner* 10/10/2019  
CHRIS HUEBNER, WWTP SUPERINTENDENT DATE

#### OFFICE:

VILLAGE HALL  
2 WEST MAIN STREET  
NEW CONCORD, OH 43762  
  
(740) 826-7671 PHONE

#### PROJECT SITE:

WASTEWATER TREATMENT PLANT  
1092 JOHN GLENN HIGHWAY  
NEW CONCORD, OH 43762  
  
(740) 826-7671 PHONE

#### ENGINEER:

CT CONSULTANTS, INC.  
148 NORTH HIGH STREET  
GAHANNA, OH 43230  
  
(614) 471-7310 PHONE  
(614) 471-7320 FAX

*Barbara R. Anderson*  
BARBARA R. ANDERSON



10/10/19  
DATE

#### ADMINISTRATION:

BRETT ESSEX MAYOR  
CHARLOTTE COLLEY VILLAGE ADMINISTRATOR  
LYNN MARLATT FISCAL OFFICER  
CHRIS HUEBNER WWTP SUPERINTENDENT

#### COUNCIL:

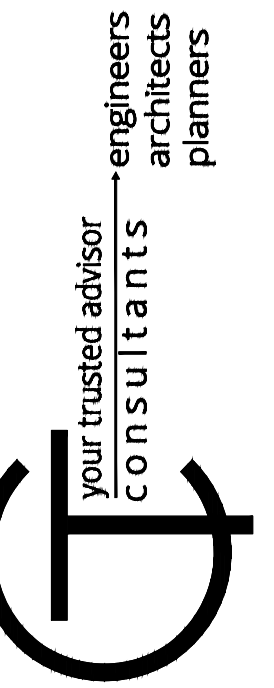
ROBERT DICKSON PRESIDENT  
STEVE WOOTON MEMBER  
JENNIFER LYLE MEMBER  
KRISTI (KJ) KEARNS MEMBER  
ERIN STEVIC MEMBER  
BOB BAIER MEMBER



- UNDERGROUND BUILDING SERVICE UTILITY LINES ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, MAINTAINING AND REPLACING AS NECESSARY TO ENSURE CONTINUAL SERVICE TO BUILDINGS.
- THE CONTRACTOR IS RESPONSIBLE TO CALL OHIO UTILITIES PROTECTION SERVICE @ 1-800-362-2764, THREE WORKING DAYS PRIOR TO CONSTRUCTION.



ENGINEER'S PROJECT No. 180324



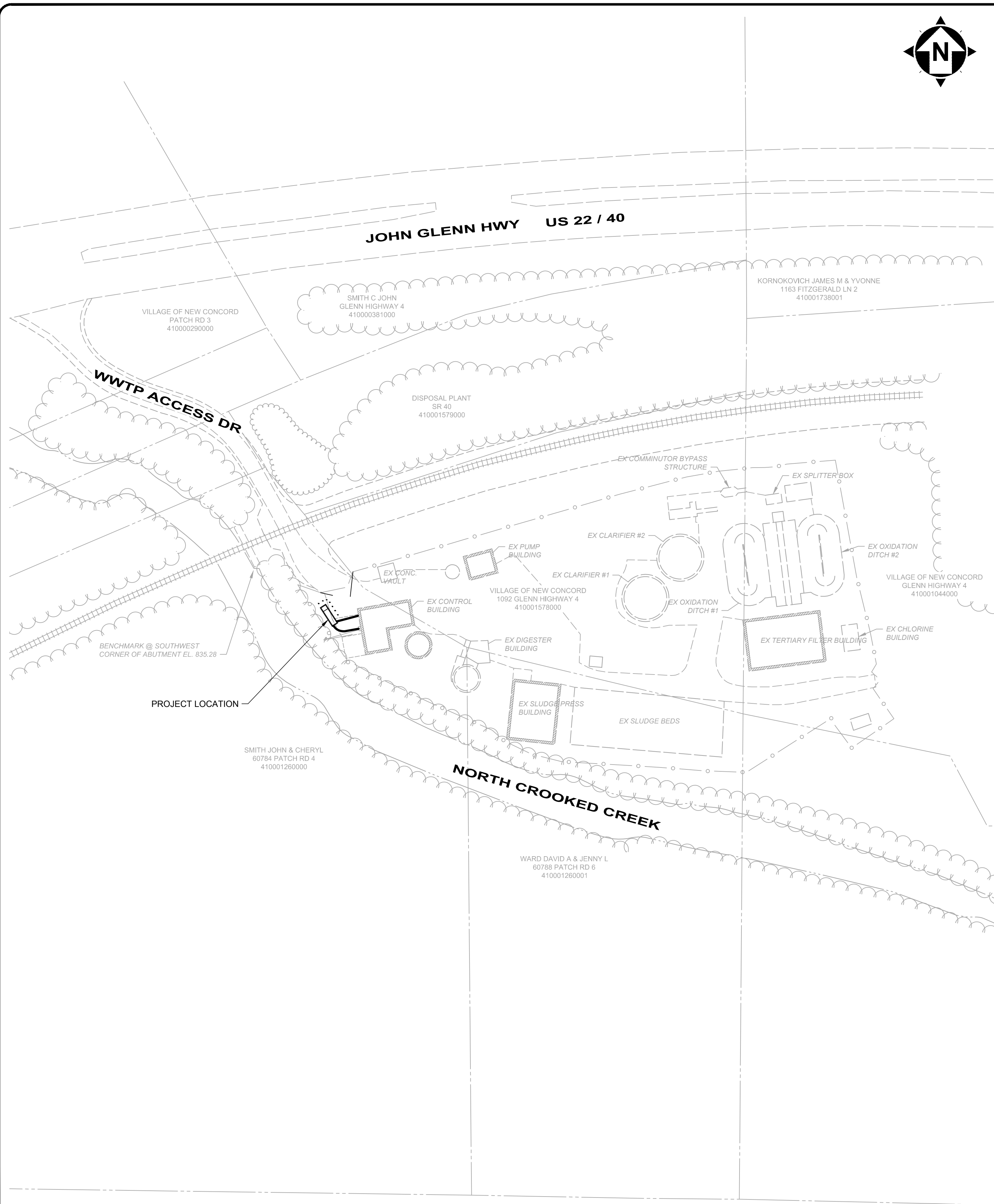
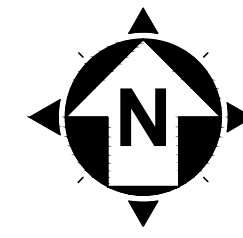
NO	REVISION	DATE

VILLAGE OF NEW CONCORD  
WWTP STANDBY GENERATOR ADDITION  
- MUSKINGUM COUNTY, OHIO -  
  
COVER SHEET

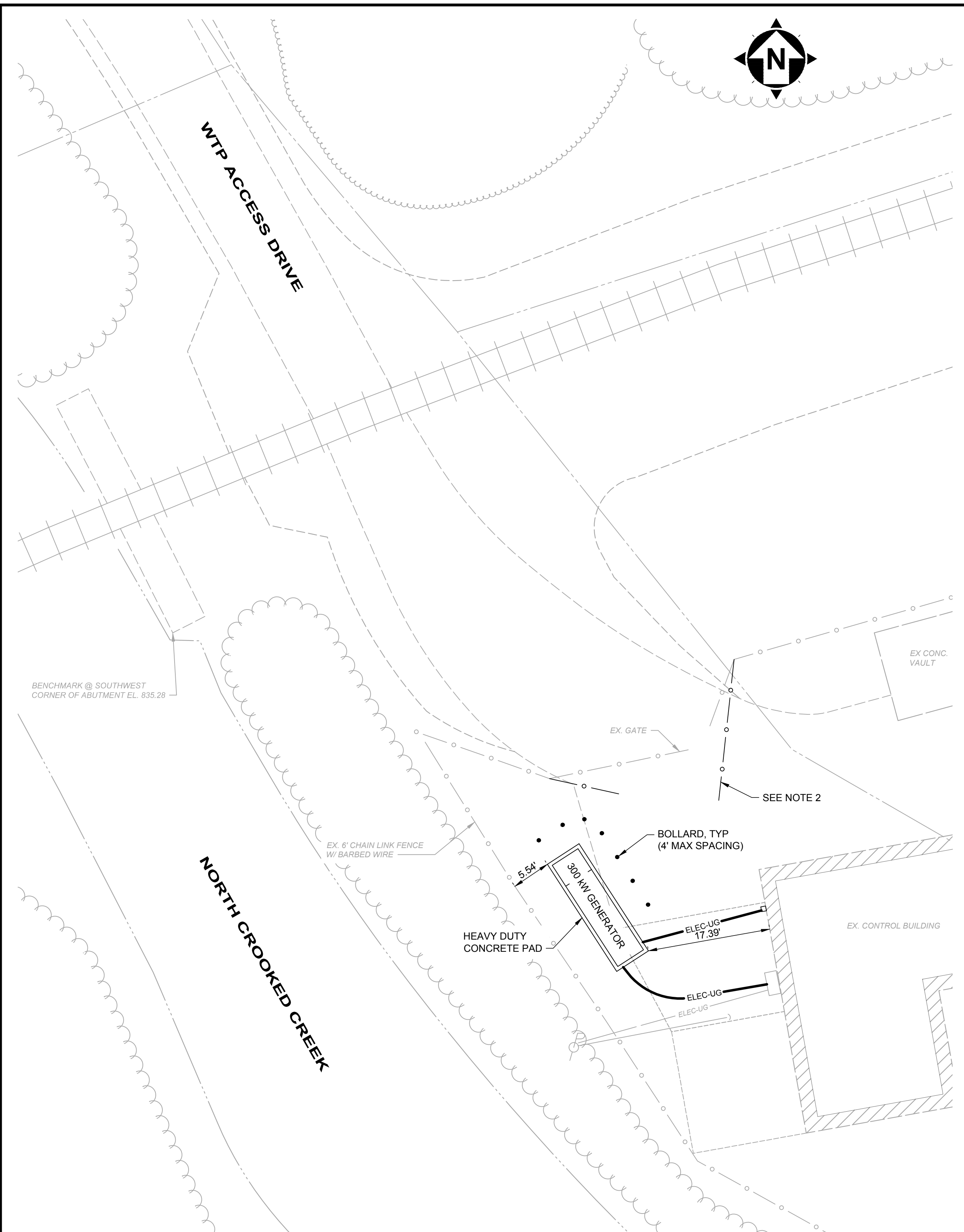
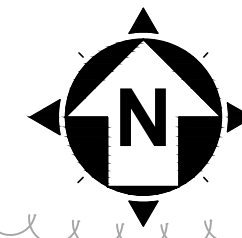
PROJECT NO.	180324
DISCIPLINE	GENERAL
SHEET NAME	G-01
SHEET	OF
1	7





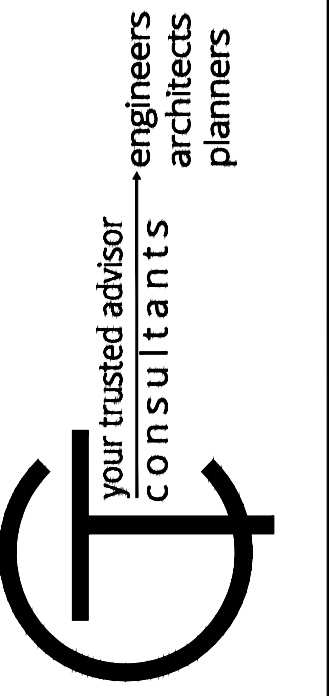


**AREA PLAN**  
SCALE: 1" = 50'



**SITE PLAN**  
SCALE: 1" = 10'

- DRAWING PLAN WRITTEN NOTE:**
- SEE SHEET E-01 FOR ELECTRICAL PLAN.
  - CONTRACTOR TO COORDINATE WITH OWNER TO REPOSITION GATES TO ALLOW THE SHORT PANEL TO THE WEST AND THE LONGER PANEL TO THE EAST. HINGES SHALL SUPPORT GATE SWING OF EAST PANEL BEYOND EDGE OF DRIVE. CONTRACTOR SHALL REPLACE WHEEL ON LONG GATE PANEL TO SUPPORT GATE OPERATION IN NEW LOCATION.



ISSUED FOR:	BIDDING	NO	REVISION	DATE
ISSUE DATE:	10/18/19			
SCALE:	AS SHOWN			
DESIGNED BY:	BRA			
DRAWN BY:	AGD			
CHECKED BY:	BRA			

**VILLAGE OF NEW CONCORD**  
**WWTP STANDBY GENERATOR ADDITION**  
- MUSKINGUM COUNTY, OHIO -

**AREA & SITE PLAN**

PROJECT NO.	180324
DISCIPLINE	CIVIL
SHEET NAME	C-01
SHEET	3
OF	7



**DRAWING GENERAL NOTES:**

1. THIS DRAWING IS A COMPOSITE OF SCANNED BACKGROUNDS OF THE PLANT SITE AND CONTROL BUILDING ELECTRICAL PLANS FROM THE 1985 WWTP IMPROVEMENTS PLAN SET. RECORD DRAWING SHEETS 5&34 OF 37 BY CLYDE E. WILLIAMS & ASSOCIATES, INC.
2. THE CONTRACTOR SHALL PERFORM ALL DEMOLITION/RELOCATION OF EXISTING ELECTRICAL SYSTEMS AS INDICATED ON ELECTRICAL PLANS OR NECESSARY FOR THE PROJECT. REMOVE FROM SITE AND PROPERLY DISPOSE OF ALL MATERIAL AND DEBRIS FROM THIS WORK.
3. ALL NEW UNDERGROUND CONDUIT TO BE SCH-40 PVC

**ELECTRICAL GENERAL NOTES:**

1. ALL ELECTRICAL EQUIPMENT AND MATERIALS WILL BE SELECTED AND INSTALLED IN COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL FIRE CODES, INCLUDING BUT NOT LIMITED TO ALL PERTINENT NFPA REGULATIONS. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO ENSURE COMPLIANCE WITH THESE CODES.
2. DO NOT INSTALL DEVICES SCALED FROM THESE DRAWINGS. ALL DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN IN THE APPROVED CONDUIT/DEVICE LAYOUT DRAWINGS AND WITH DIMENSIONS TAKEN IN THE FIELD.
3. ELECTRICIAN TO VISIT SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO BID.
4. NO DUCTWORK OR PIPING TO BE RUN ABOVE ELECTRICAL PANELS OR THROUGH ELECTRICAL EQUIPMENT ROOMS. ELECTRICIAN SHALL COORDINATE WITH ALL TRADES FOR EQUIPMENT LAYOUTS PRIOR TO ROUGH-IN OF ALL SYSTEMS.
5. MANUFACTURERS AND CATALOG NUMBERS SHOWN IN THE LIGHT FIXTURE SCHEDULE ARE PROVIDED TO INDICATE DESIRED LIGHT FIXTURE CHARACTERISTICS. IT IS THE INTENT OF THE DOCUMENTS TO ALLOW ALTERNATE MANUFACTURERS TO PROVIDE LIGHTING PRODUCTS FOR THE PROJECT, AS LONG AS PROPOSED ALTERNATES PROVIDE THE SAME GENERAL DESIGN AND LIGHTING CHARACTERISTICS AS NOTED IN THE LIGHT FIXTURE DESCRIPTION.
6. ELECTRICIAN TO CONFIRM LOCATIONS OF ALL ELECTRICAL EQUIPMENT AND ELECTRICAL CHARACTERISTICS OF PROCESS EQUIPMENT PROVIDED BY OTHER TRADES PRIOR TO INSTALLING ROUGH-INS AS SHOWN ON THE ELECTRICAL PLANS. ALL SHOP DRAWING REQUIREMENTS WILL BE CONSIDERED AS THE MEANS AND METHODS OF INSTALLATION.
7. THIS PROJECT INVOLVES WORK AT AN INDUSTRIAL FACILITY AND THE CONTRACTOR IS EXPECTED TO PROVIDE CRAFTSMANSHIP REFLECTING THE NATURE OF THE FACILITY. CONDUITS IN PROCESS AREAS ARE TO BE SURFACE MOUNTED RIGID GALVANIZED STEEL (RGS). IN CLASSIFIED AREAS SEAL ALL CONDUITS TO RESTRICT THE PASSAGE OF GASSES AND VAPORS, AND ARRANGE SEALING FITTING DRAINS IN CONDUIT SYSTEMS TO PREVENT ACCUMULATION OF CONDENSATE ABOVE SEALS. ALL CONDUITS ENTERING OR LEAVING A MOTOR CONTROL CENTER, CONTROL PANEL, VALVE ACTUATOR, INSTRUMENT, A BUILDING, OR A PANELBOARD SHALL BE MADE WATERTIGHT USING AN INFLATABLE SEALED BLADDER DUCT SEALING SYSTEM, RAYCHEM 'RAYFLATE' DUCT SEALING SYSTEM RDSS OR APPROVED EQUAL. ALL HARDWARE IS TO BE STAINLESS STEEL UNLESS OTHERWISE DIRECTED.

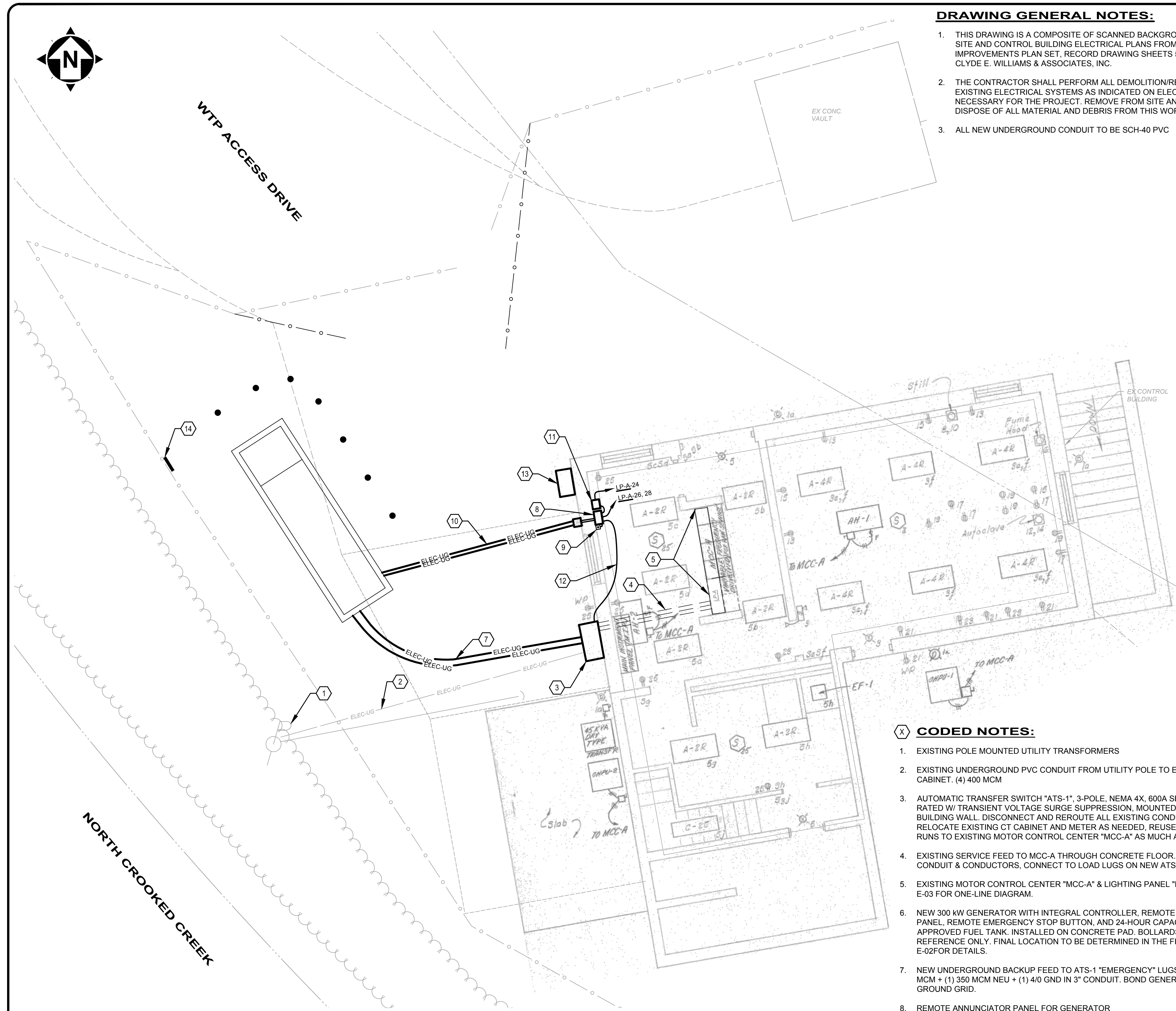
**ALL ENCLOSURES ARE TO BE RATED AS FOLLOWS (UNLESS OTHERWISE NOTED):**

- OUTDOORS: NEMA 4X (STAINLESS STEEL)
- CLASSIFIED AREAS: NEMA 7
- INDOORS (CORROSIVE AREAS): NEMA 4X (STAINLESS STEEL)
- INDOORS (CONTROLLED ENVIRONMENT) NEMA 12

8. ELECTRICIAN SHALL REVIEW ALL OTHER TRADES' CONSTRUCTION DOCUMENTS AND/OR COORDINATE WITH OTHER TRADES AND VERIFY IF THERE ARE ANY ADDITIONAL ELECTRICAL REQUIREMENTS NOT SHOWN ON ELECTRICAL DRAWINGS. COST FOR WORK SHOWN ON OTHER TRADES' DRAWINGS SHALL BE INCLUDED IN BASE BID. ALL FIELD WIRING AND TERMINATIONS OF PROCESS EQUIPMENT AND INSTRUMENTATION AND CONTROLS SHALL BE THE RESPONSIBILITY OF THE ELECTRICIAN. ALL CABLES AND WIRES PROVIDED BY VENDORS SHALL BE INSTALLED AND TERMINATED BY THE ELECTRICIAN. WIRE ALL MISCELLANEOUS POWER AND CONTROLS AS REQUIRED TO PROVIDE A COMPLETE FUNCTIONING SYSTEM.
9. A 4-20mA SIGNAL IS AN ANALOG SIGNAL USED TO TRANSMIT DATA (LEVEL, FLOW, ETC.) FOR PROCESS CONTROLS. THE ELECTRICIAN SHALL PROVIDE, INSTALL, AND TERMINATE TWISTED SHIELDED PAIRS (T.S.P.) WIRING IN RIGID GALVANIZED STEEL CONDUIT (RGS). RGS IS USED IN AN ATTEMPT TO REDUCE THE DISTORTION AFFECT FROM EMI AND RFI. BELOW GRADE CONDUITS SHALL BE PVC SCHED-40. PARALLEL RUNS OF DATA CONDUITS AND POWER CONDUITS SHALL BE SEPARATED BY 2 FEET. THE T.S.P. SHIELD SHALL BE GROUNDED AT THE CONTROL PANEL ONLY (DO NOT GROUND AT BOTH ENDS).
10. THE ELECTRICIAN SHALL BE RESPONSIBLE FOR LAYOUT AND COORDINATION OF OPENINGS AND CHASES AND SHALL PERFORM ALL CUTTING AND PATCHING AS REQUIRED TO INSTALL THEIR WORK. ALL CONCRETE HOUSE KEEPING PADS SHALL BE FRAMED AND POURED BY THE ELECTRICIAN. PADS SHALL HAVE A 45 DEGREE, 1" CHAMFER AROUND UPPER EDGE.
11. THE ELECTRICIAN SHALL INSTALL & DISTRIBUTE TEMPORARY POWER SERVICE FOR THE DURATION OF THIS PROJECT AS DEFINED IN DIVISION 1 SPECIFICATIONS. ALL COSTS ASSOCIATED WITH THE INSTALLATION, DISTRIBUTION AND MAINTENANCE OF THE TEMPORARY POWER IS THE RESPONSIBILITY OF THE ELECTRICIAN. THERE SHALL BE 480/277V, 3PH, 4W; 208/120V, 3PH, 4W; AND 120/240V, 1PH, 3W POWER AVAILABLE AT ALL LOCATIONS OF CONSTRUCTION AS DIRECTED IN FIELD AND AS SPECIFIED. ALL TEMPORARY EQUIPMENT, CONDUITS & CONDUCTORS SHALL BE COMPLETELY REMOVED AT COMPLETION OF PROJECT.
12. ALL ELECTRICAL EQUIPMENT, DEVICES, LIGHTING FIXTURES, CONDUIT, AND WIRING SHOWN ON THE ELECTRICAL DRAWINGS IS NEW UNLESS CLEARLY CALLED OUT AS EXISTING. ALL EXISTING ELECTRICAL EQUIPMENT THAT IS CALLED OUT TO BE REUSED SHALL BE INSPECTED IN THE FIELD BY THE ELECTRICIAN AND THE CONSTRUCTION MANAGER TO DETERMINE ITS CONDITION PRIOR TO STARTING ANY WORK. PROVIDE DOCUMENTATION TO OWNER INDICATING CONDITION OF THE EXISTING EQUIPMENT, AND REUSE EXISTING EQUIPMENT ONLY IF ALL PARTIES AGREE THE CONDITION IS ACCEPTABLE. ALL EXISTING EQUIPMENT DETERMINED TO BE UNUSABLE SHALL BE REPLACED WITH LIKE KIND AS DIRECTED BY THE OWNER. ANY OF THE OWNERS EQUIPMENT DETERMINED TO BE REUSED THAT IS DAMAGED BY ANY CONTRACTOR DURING SWITCHOVER SHALL BE REPLACED BY THAT CONTRACTOR. ALL EXISTING EQUIPMENT IS THE PROPERTY OF THE OWNER (NOT THE CONTRACTOR) AND SHALL BE TREATED ACCORDINGLY.
13. THE ELECTRICIAN SHALL BE HELD RESPONSIBLE TO ENSURE ALL CONTROLLERS TO BE INSTALLED ARE CAPABLE OF LOCKOUT / TAGOUT PRIOR TO INSTALLATION.
14. CONFORM TO THE NEC, OSHA, FIRE MARSHAL, BUILDING DEPARTMENT AND OTHER APPLICABLE CODES AND REGULATIONS. OBTAIN PERMITS, PAY ALL FEES, AND ARRANGE FOR REQUIRED INSPECTIONS.
15. ALL LIGHTING AND RECEPTACLE WIRING TO BE #12 XHHW WITH EQUIPMENT GROUND IN 3/4" C UNLESS OTHERWISE NOTED.
16. DO NOT MOUNT ANY LIGHT FIXTURE DIRECTLY OVER PIPING OR EQUIPMENT THAT WILL INTERFERE WITH NORMAL LIGHTING DISTRIBUTION.
17. SIZE JUNCTION BOXES AS REQUIRED PER NEC. PROVIDE BARRIER TYPE TERMINAL STRIPS, AND ALL WIRING TO BE IN CONDUIT.
18. SIZE PULL BOXES (PB) AS REQUIRED PER NEC.
19. PROVIDE SEPARATE PB'S FOR CONTROL AND POWER.
20. MOTOR OVERLOAD SETTING SHALL BE FIELD SELECTED PER MOTOR NAME PLATE CURRENT AND INSTALLED ACCORDINGLY.
21. MOUNT LOCAL CONTROLS AND SERVICE DISCONNECTS ON WALL NEAREST EQUIPMENT WHERE POSSIBLE. (MAXIMUM 60" ABOVE FINISHED FLOOR OR FINAL GRADE, MAXIMUM LATERAL DISTANCE FROM WALL TO EQUIPMENT - 10 FEET).
22. ALL FEEDERS RUN BELOW GRADE SHALL BE RUN IN PVC CONDUIT AT MINIMUM 3'-0" BELOW FINISHED GRADE. TRANSITION TO ABOVE GRADE SHALL BE MADE USING FACTORY PVC COATED RIGID STEEL CONDUIT SWEEPS.

**X CODED NOTES:**

1. EXISTING POLE MOUNTED UTILITY TRANSFORMERS
2. EXISTING UNDERGROUND PVC CONDUIT FROM UTILITY POLE TO EXISTING CT CABINET. (4) 400 MCM
3. AUTOMATIC TRANSFER SWITCH "ATS-1", 3-POLE, NEMA 4X, 600A SERVICE ENTRANCE RATED W/ TRANSIENT VOLTAGE SURGE SUPPRESSION, MOUNTED ON CONTROL BUILDING WALL. DISCONNECT AND REROUTE ALL EXISTING CONDUIT AS NEEDED. RELOCATE EXISTING CT CABINET AND METER AS NEEDED. REUSE EXISTING CONDUIT RUNS TO EXISTING MOTOR CONTROL CENTER "MCC-A" AS MUCH AS POSSIBLE.
4. EXISTING SERVICE FEED TO MCC-A THROUGH CONCRETE FLOOR. REUSE EXISTING CONDUIT & CONDUCTORS, CONNECT TO LOAD LUGS ON NEW ATS-1.
5. EXISTING MOTOR CONTROL CENTER "MCC-A" & LIGHTING PANEL "LP-A". SEE SHEET E-03 FOR ONE-LINE DIAGRAM.
6. NEW 300 kW GENERATOR WITH INTEGRAL CONTROLLER, REMOTE ANNUNCIATOR PANEL, REMOTE EMERGENCY STOP BUTTON, AND 24-HOUR CAPACITY STATE OF OHIO APPROVED FUEL TANK. INSTALLED ON CONCRETE PAD. BOLLARDS SHOWN FOR REFERENCE ONLY. FINAL LOCATION TO BE DETERMINED IN THE FIELD. SEE SHEET E-02 FOR DETAILS.
7. NEW UNDERGROUND BACKUP FEED TO ATS-1 "EMERGENCY" LUGS, (2) SETS OF (3) 350 MCM + (1) 350 MCM NEU + (1) 4/0 GND IN 3" CONDUIT. BOND GENERATOR TO EXISTING GROUND GRID.
8. REMOTE ANNUNCIATOR PANEL FOR GENERATOR
9. REMOTE EMERGENCY STOP PUSHBUTTON STATION FOR GENERATOR, MOUNTED NEAR WINDOW TO MAINTAIN LINE-OF-SITE WITH GENERATOR.
10. REMOTE POWER & SIGNAL WIRING TO GENERATOR VIA WALL MOUNTED JUNCTION BOX. 120VAC WIRES IN (1) 1" CONDUIT FOR JACKET HEATER CIRCUITS FROM "LP-A", DC POWER & SIGNAL CABLES FOR BATTERY CHARGER, ATS-1, AND ANNUNCIATOR IN (1) 1" CONDUIT.
11. GENERATOR BATTERY CHARGER
12. ATS-1 STRIP HEATER WIRING, (2) #12 + (1) #12 GND IN 3/4" C. DC SIGNAL WIRING TO GENERATOR, (1) 2-CS CABLE IN 3/4" C.
13. 20-LB FIRE EXTINGUISHER IN FIBERGLASS CABINET.
14. "DANGER NO SMOKING OR OPEN FLAMES WITHIN 50 FEET" WARNING SIGN. 0.040" RUST FREE ALUMINUM. MOUNT TO EXISTING FENCE.



**ELECTRICAL SITE PLAN - CONTROL BLDG**

SCALE: 1" = 5'

your trusted advisor  
engineers  
architects  
planners  
consultants

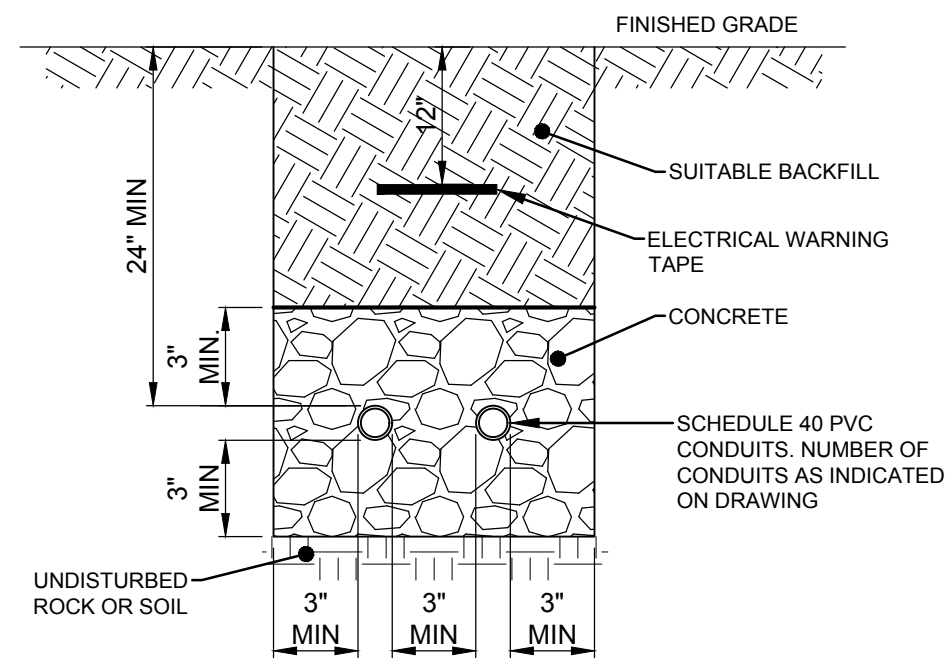
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			AS SHOWN	
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VILLAGE OF NEW CONCORG  
WWTP STANDBY GENERATOR ADDITION  
- MUSKINGUM COUNTY, OHIO -

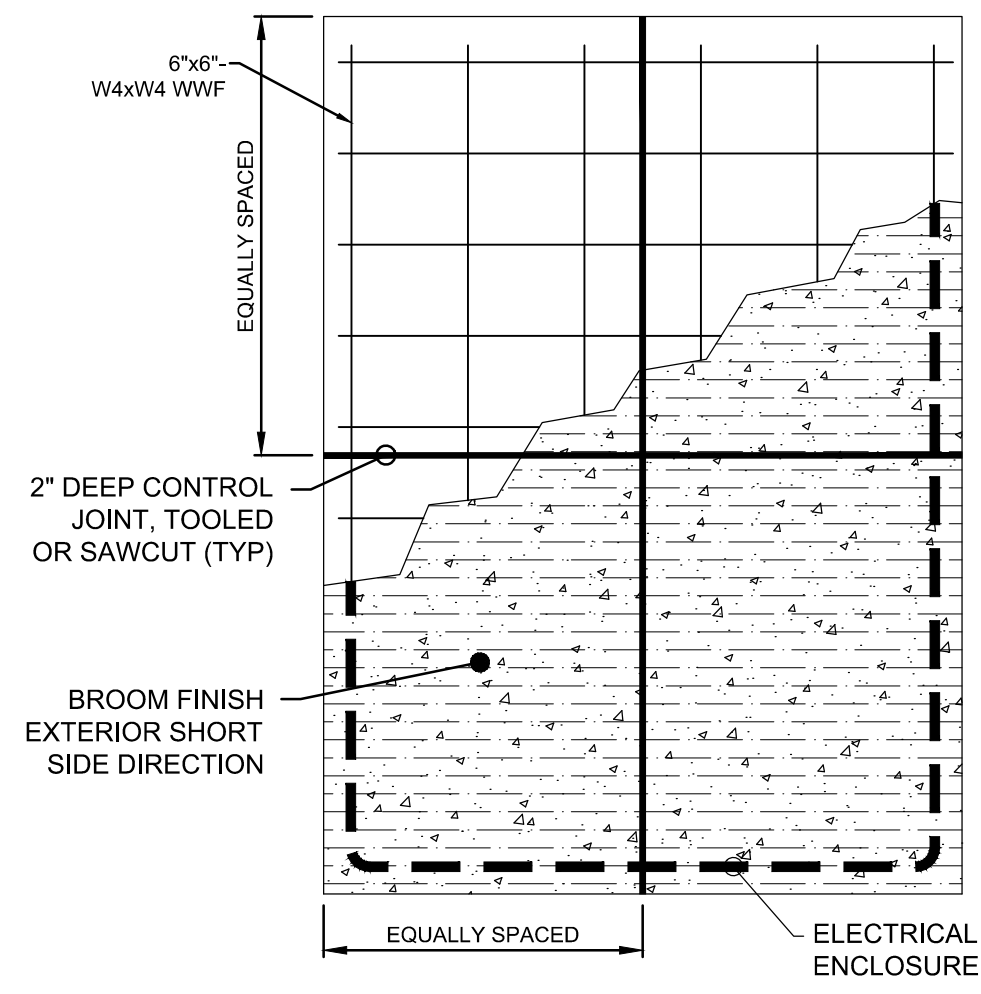
**ELECTRICAL SITE PLAN**

PROJECT NO.	
<b>180324</b>	
DISCIPLINE	
<b>ELECTRICAL</b>	
SHEET NAME	
<b>E-01</b>	
SHEET	OF
<b>4</b>	<b>7</b>

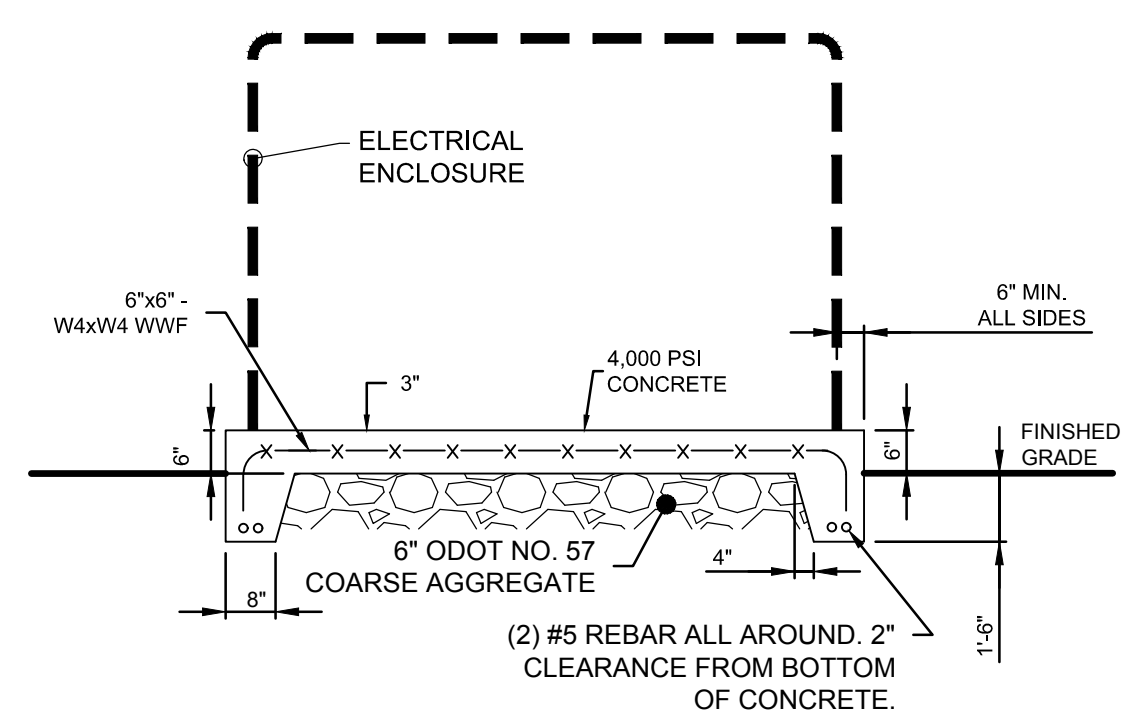




**ELECTRICAL TRENCH DETAIL**  
NOT TO SCALE



PLAN

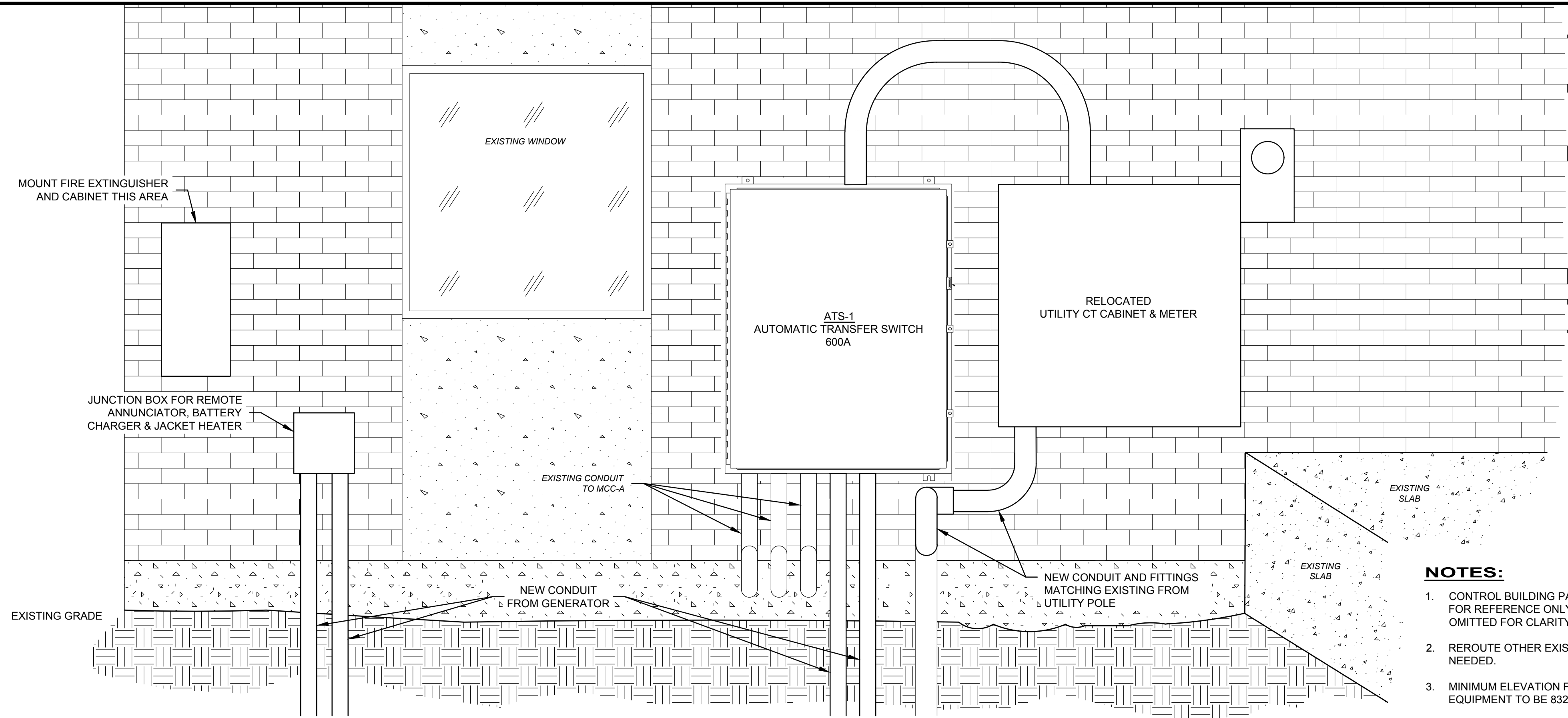


SECTION

**GENERATOR PAD DETAIL**  
NOT TO SCALE



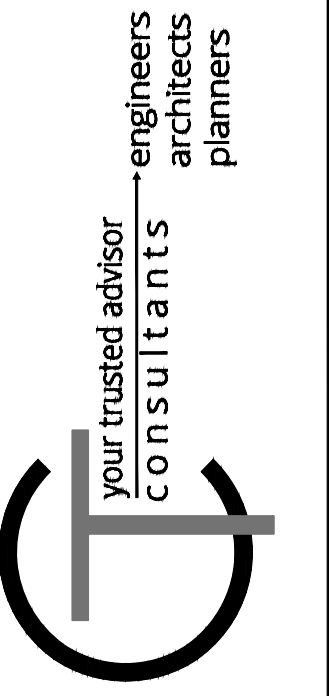
**CONTROL BUILDING EXTERIOR - EAST ELEVATION**  
**EXISTING CONDITIONS**



**CONTROL BUILDING EXTERIOR - EAST ELEVATION**  
**PROPOSED REWORK**  
NOT TO SCALE

**NOTES:**

- CONTROL BUILDING PARTIAL ELEVATION SHOWN FOR REFERENCE ONLY. (OTHER DEVICES OMITTED FOR CLARITY.)
- REROUTE OTHER EXISTING CONDUIT AS NEEDED.
- MINIMUM ELEVATION FOR ALL WALL MOUNTED EQUIPMENT TO BE 832.83'



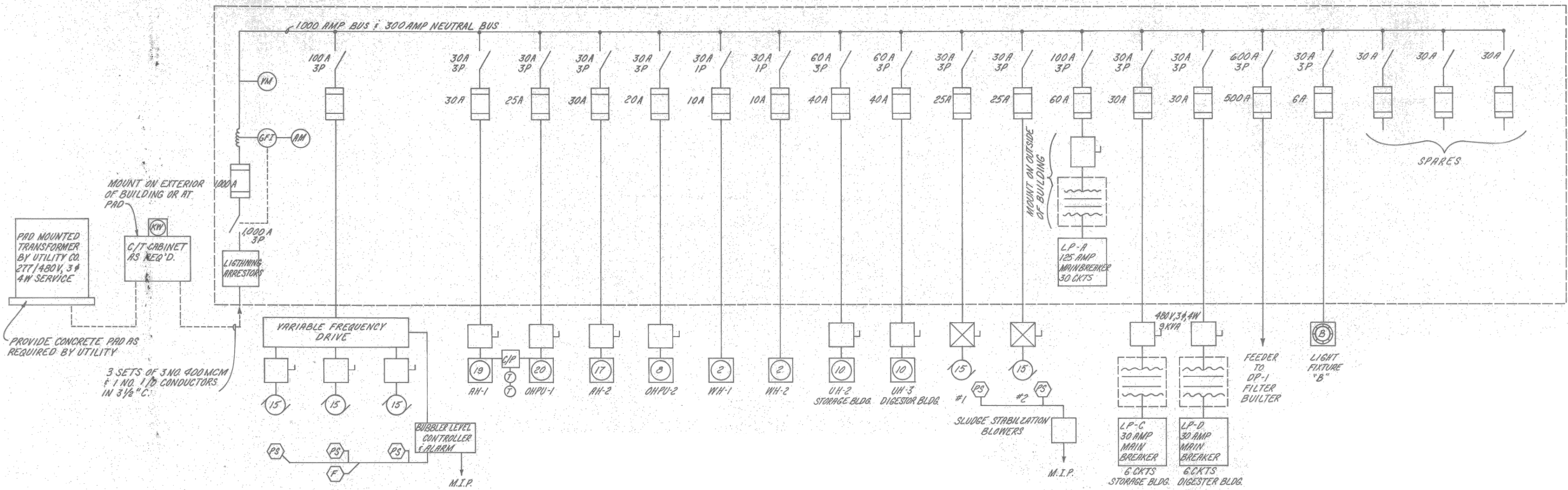
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ISSUE DATE:	10/18/19			
SCALE:	AS SHOWN			
DESIGNED BY:	JPB			
DRAWN BY:	JPB			
CHECKED BY:	NSS			

**VILLAGE OF NEW CONCORD**  
**WWTP STANDBY GENERATOR ADDITION**  
**- MUSKINGUM COUNTY, OHIO -**

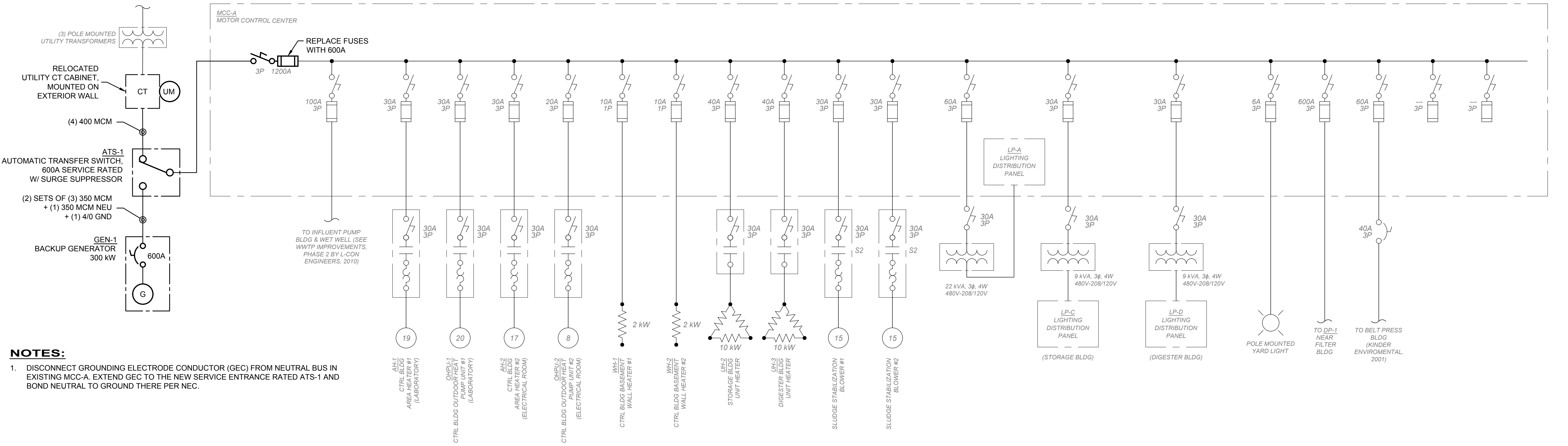
**ELECTRICAL DETAILS**

PROJECT NO.	180324
DISCIPLINE	ELECTRICAL
SHEET NAME	E-02
SHEET	OF
5	7



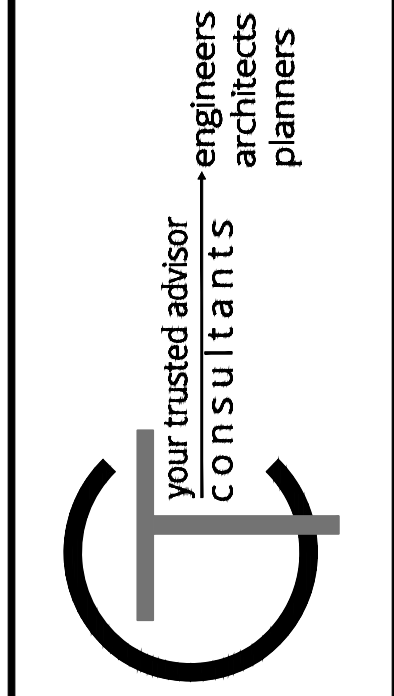


**MCC-A ONE-LINE DIAGRAM - ORIGINAL INSTALLATION**



**NOTES:**  
 1. DISCONNECT GROUNDING ELECTRODE CONDUCTOR (GEC) FROM NEUTRAL BUS IN EXISTING MCC-A. EXTEND GEC TO THE NEW SERVICE ENTRANCE RATED ATS-1 AND BOND NEUTRAL TO GROUND THERE PER NEC.

**MCC-A ONE-LINE DIAGRAM - PROPOSED**



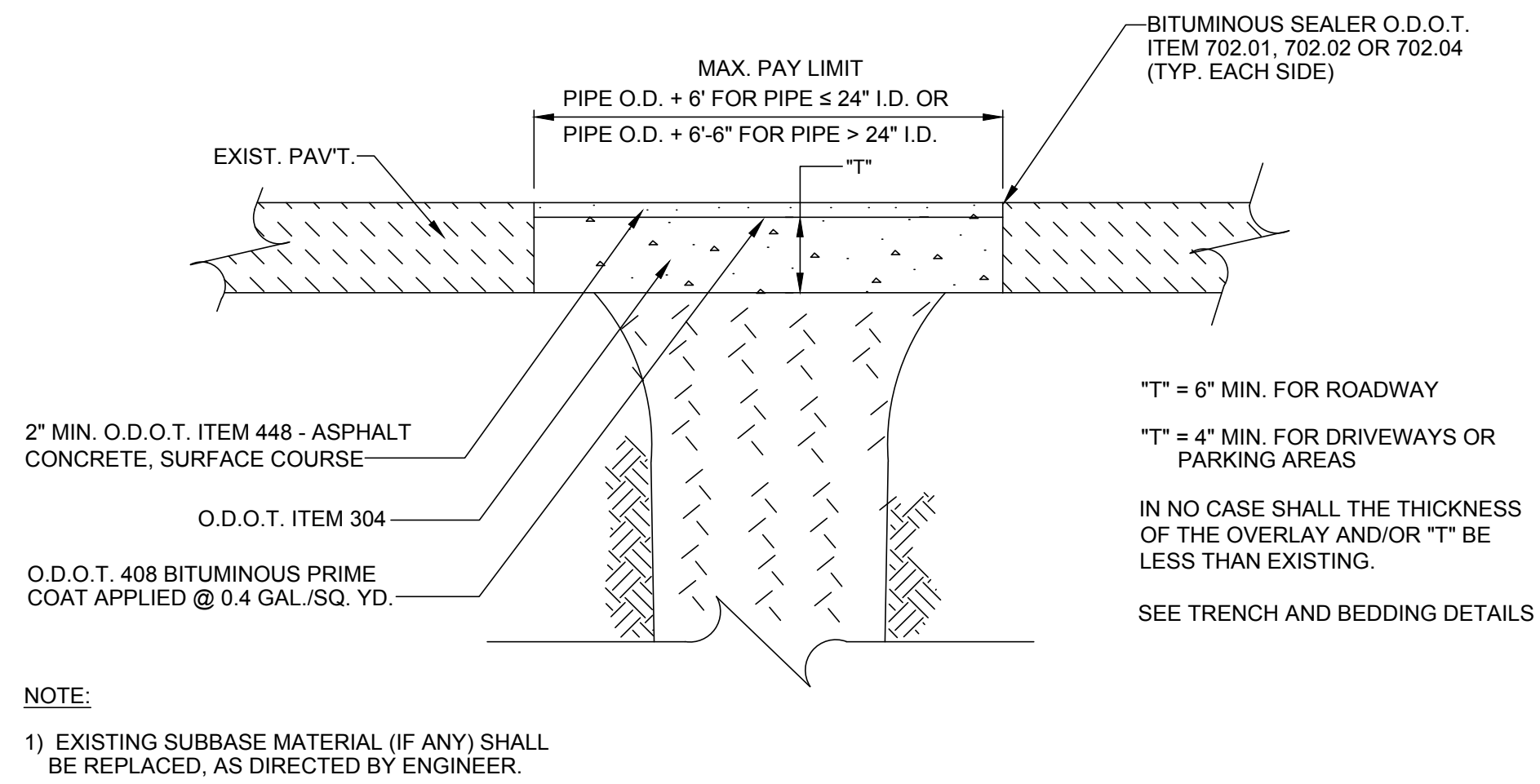
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			AS SHOWN	
			JPB	
			JPB	
			NBS	

**VILLAGE OF NEW CONCORD  
 WWTP STANDBY GENERATOR ADDITION  
 - MUSKINGUM COUNTY, OHIO -**

**ONE-LINE DIAGRAM**

PROJECT NO.	180324
DISCIPLINE	ELECTRICAL
SHEET NAME	E-03
SHEET	6
OF	7

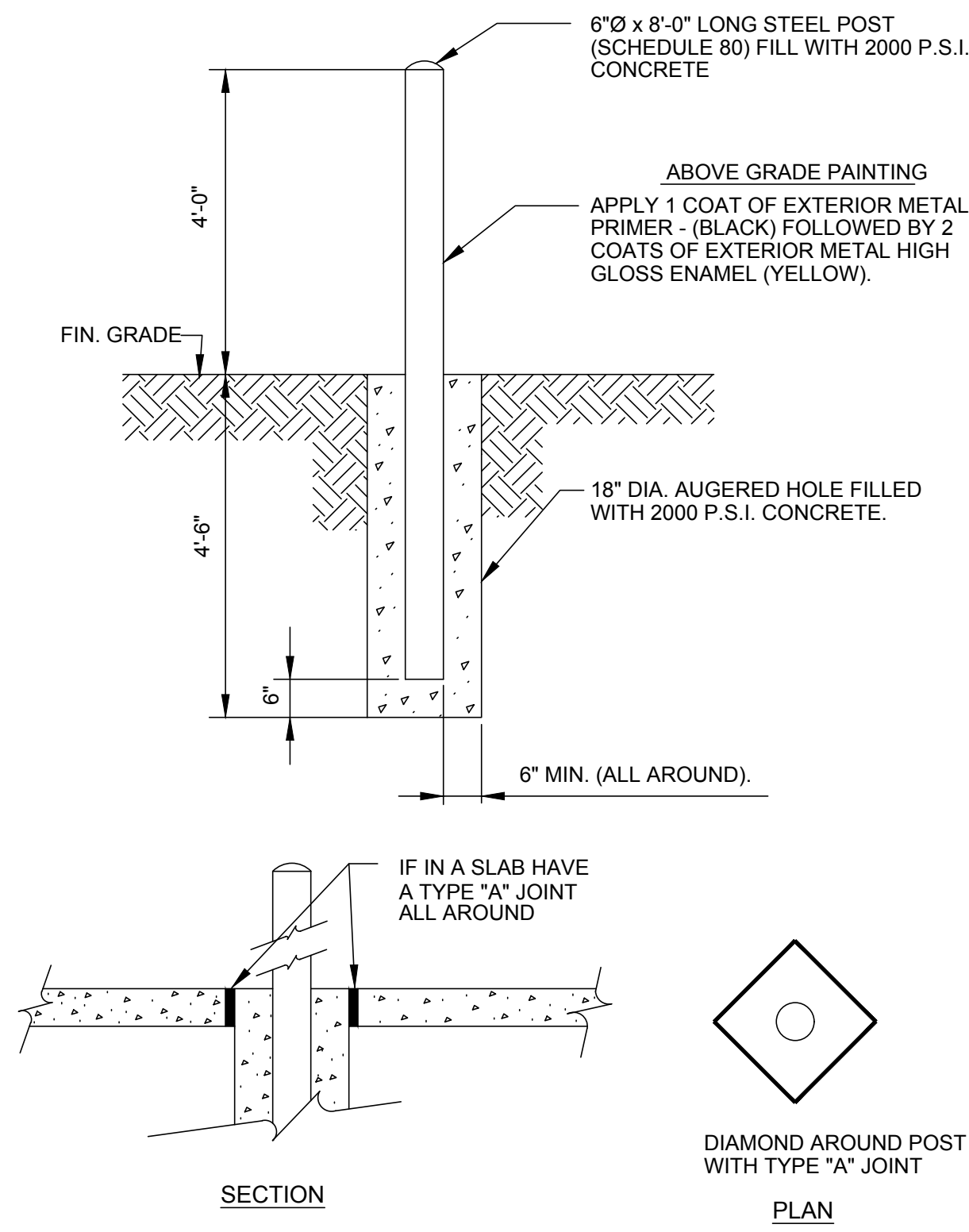




**TYPE D PAVEMENT REPLACEMENT  
(ASPHALT OVER STONE BASE)**

NOT TO SCALE

- NOTE:
- EXISTING SUBBASE MATERIAL (IF ANY) SHALL BE REPLACED, AS DIRECTED BY ENGINEER.



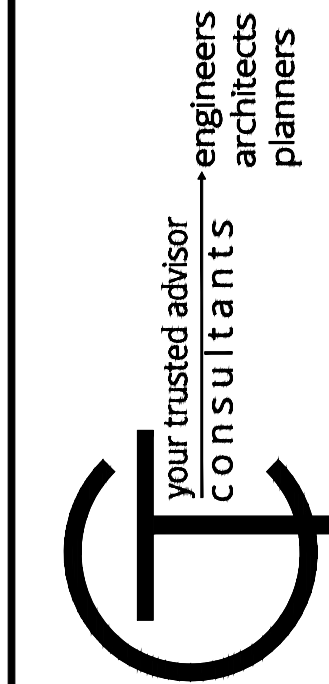
**STEEL POST DETAIL**

NOT TO SCALE

PANELBOARD	LP-A					
PANEL TYPE	NQOD OR EQUAL					
NEMA TYPE	NEMA 1					
VOLTAGE	208Y/120V		PHASE	3		
OCPD	125A		WIRE	4		
MOUNTING	INTEGRATED INTO MCC-A		BUSS	225A		
LOAD DESCRIPTION	BKR.	CKT. NO.	PHASE	CKT. NO.	BKR.	LOAD DESCRIPTION
CONTROL BUILDING LIGHTS	15/1	1	A	2	20/1	WET WELL LIGHTS
LABORATORY LIGHTS	15/1	3	B	4	20/1	MAIN INSTRUMENTATION PANEL
OFFICE LAVATORY/ BASEMENT LIGHTS	15/1	5	C	6	20/1	INFLUENT FLOW METER
BASEMENT RCPTS	15/1	7	A	8	20/2	STILL
BASEMENT RCPTS	20/1	9	B	10		
LABORATORY RCPTS	20/1	11	C	12	20/2	AUTOCLAVE
LABORATORY RCPTS	20/1	13	A	14		
LABORATORY RCPTS	20/1	15	B	16	15/1	FUME HOOD
LABORATORY RCPTS	20/1	17	C	18	20/1	SUMP PUMP
LABORATORY RCPTS	20/1	19	A	20	20/1	BUBBLER LEVEL CONTROLLER
LABORATORY RCPTS	20/1	21	B	22	20/1	BASEMENT EXHAUST FAN "EF-2"
LABORATORY RCPTS	20/1	23	C	24	<b>20/1</b>	<b>ATS STRIP HEATER</b>
MISCELLANEOUS RCPTS	20/1	25	A	26	<b>20/1</b>	<b>GENERATOR BATTERY CHARGER</b>
SPARE	20/1	27	B	28	<b>20/1</b>	<b>GENERATOR HEATING JACKET</b>
SPARE	20/1	29	C	30		

**LP-A PANELBOARD SCHEDULE**

PROPOSED NEW CIRCUITS IN BOLD



ISSUED FOR:	BIDDING	NO	DATE	
ISSUE DATE:	10/18/19			
SCALE:	AS SHOWN			
DESIGNED BY:	JPB			
DRAWN BY:	AGD			
CHECKED BY:	BRA			

**VILLAGE OF NEW CONCORD  
WWTP STANDBY GENERATOR ADDITION  
- MUSKINGUM COUNTY, OHIO -**

**STANDARD DETAILS**

PROJECT NO.	180324
DISCIPLINE	CIVIL
SHEET NAME	DET-01
SHEET	7
OF	7