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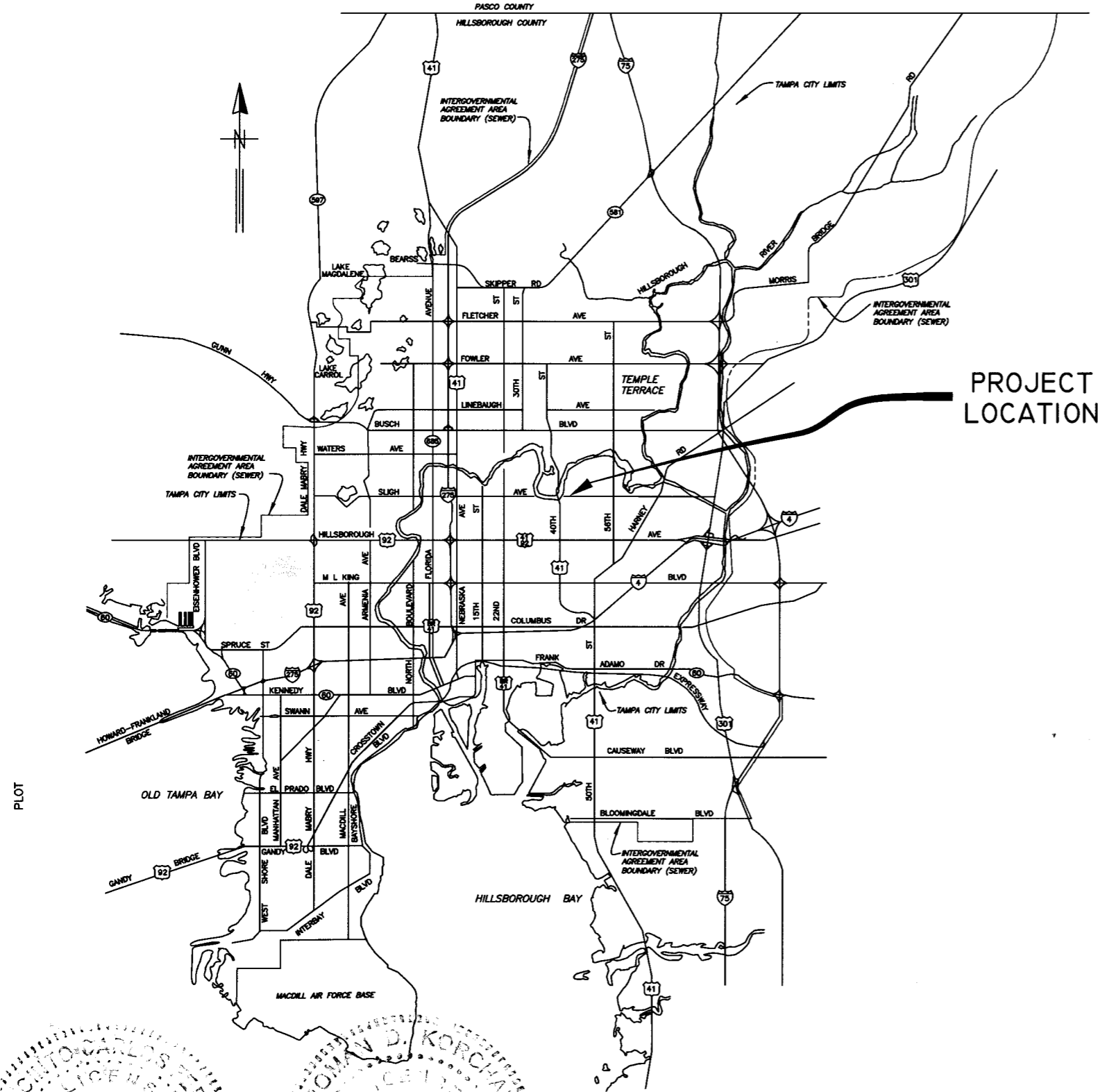
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CONTRACT ADMINISTRATION DEPARTMENT
306 E. JACKSON ST. #280A4N
TAMPA, FL 33602

B071-045

LOCATION MAP



CITY of TAMPA



WASTEWATER DEPARTMENT

PLANS FOR

43RD ST PS ODOR CONTROL REPLACEMENT

CONTRACT
II-C-00043

User: SSHS Drawing Name: K:\WW_Projects\2011_5579 43rd St Pump Station Odor Control\DWG\GEN-ADMIN\01 COVER.dwg Layout: Jul 12, 2011 1:31pm CTB - WW.CTB



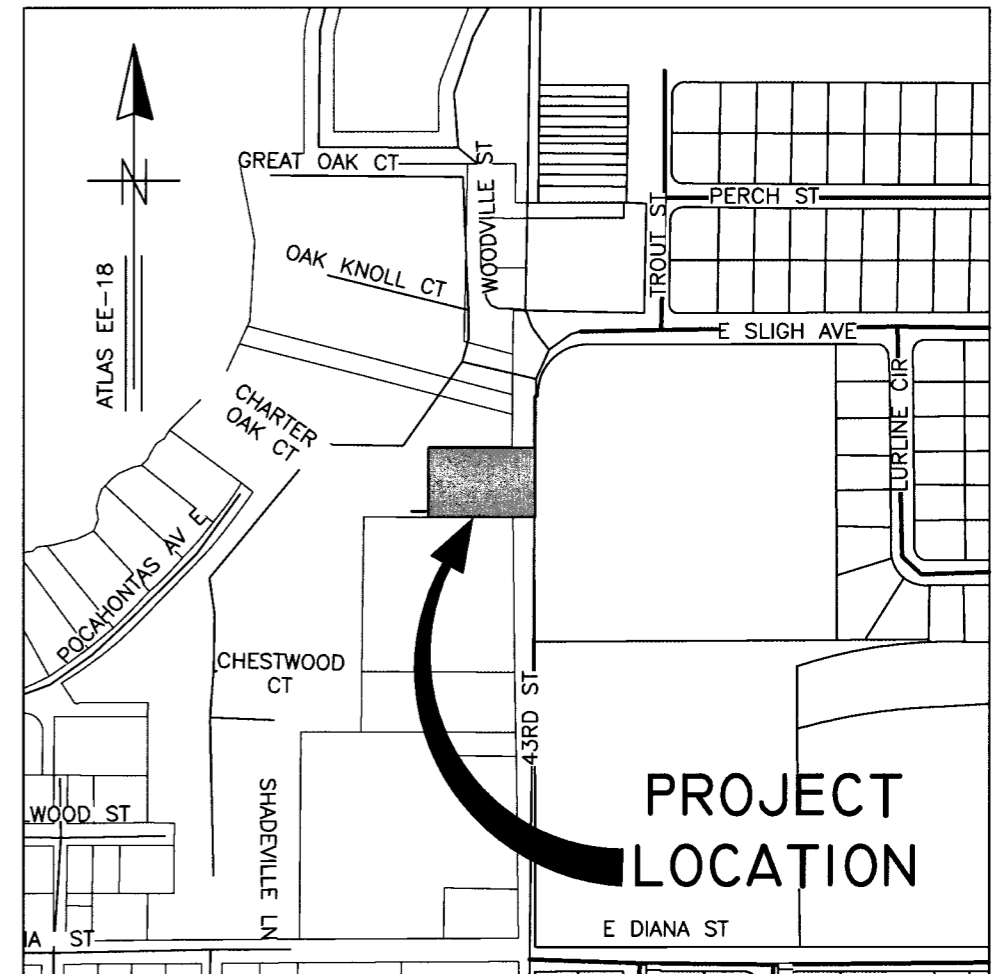
<p>J. Carlos Ferras JOSÉ CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT</p>	<p>Roman D. Korchak ROMAN D. KORCHAK, P.E. #42626 ELECTRICAL SECTION HEAD WASTEWATER DEPARTMENT</p>	<table border="1"> <thead> <tr> <th>No.</th> <th>DATE</th> <th>REVISIONS</th> </tr> </thead> <tbody> <tr> <td>3</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> </tr> <tr> <td>1</td> <td></td> <td></td> </tr> </tbody> </table>	No.	DATE	REVISIONS	3			2			1			<p>DES: JF/VT/LG DRN: GAP CKD: JF DATE: 7/12/11</p>	<p>CITY of TAMPA WASTEWATER DEPARTMENT</p>	<p>43RD ST PS ODOR CONTROL REPLACEMENT COVER SHEET</p>	<p>W.O. 5579 SHEET 01 OF 10</p>
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B071-046

NOTES:

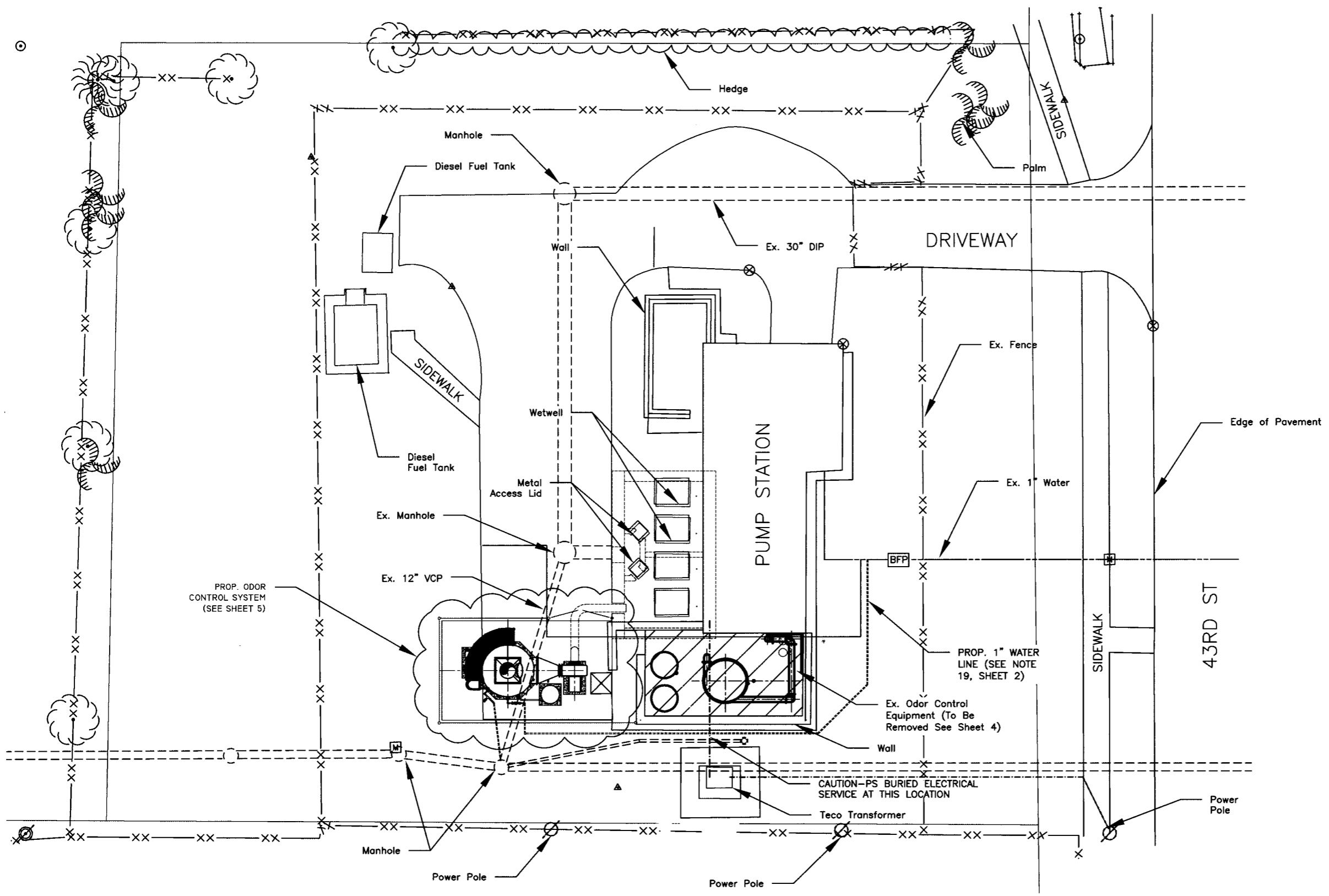
1. THE SCOPE OF THIS PROJECT SHALL CONSIST OF THE REMOVAL OF THE EXISTING ODOR CONTROL SYSTEM AND FURNISHING AND INSTALLING A BIOLOGICAL ODOR CONTROL SYSTEM AT 43RD STREET PUMP STATION AND ALL APPURTENANCES ASSOCIATED WITH THE COMPLETION OF THE PROJECT.
2. THE PROPOSED ODOR CONTROL UNIT SHALL BE A PRE-ASSEMBLED NEW BIOLOGICAL ODOR CONTROL SYSTEM DESIGNED AND FABRICATED IN ACCORDANCE WITH THE SPECIFICATIONS.
3. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL FIELD MEASUREMENTS AND VERIFYING THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING PIPING, STRUCTURES, AND OTHER FEATURES AFFECTING HIS WORK PRIOR TO SUBMITTAL OF SHOP DRAWINGS OR STARTING CONSTRUCTION.
4. THE CITY WILL REMOVE ALL CHEMICALS FROM THE EXISTING ODOR CONTROL BEFORE DEMOLITION.
5. THE CONTRACTOR SHALL SUBMIT A DETAILED LAYOUT OF THE PROPOSED EQUIPMENT FOR THE APPROVAL BY THE ENGINEER. THE EQUIPMENT SHALL BE ARRANGED TO PROVIDE MAXIMUM ACCESS TO ALL COMPONENTS.
6. PROPOSED PIPING AND FITTINGS SHALL BE CPVC (SCHEDULE 80) PIPE OR APPROVED EQUAL, UNLESS OTHERWISE SPECIFIED.
7. ALL PIPING, FITTINGS AND VALVES SHALL BE PROPERLY SUPPORTED.
8. ALL HARDWARE SHALL BE 316 STAINLESS STEEL.
9. ALL SUBMITTALS AND SHOP DRAWINGS SHALL BE ORIGINALS OR HIGH QUALITY COPIES (EASILY READABLE). NO FAXED SHEETS OR POOR QUALITY COPIES WILL BE ACCEPTED FOR SUBMITTAL REVIEW.
10. CONTRACTOR SHALL RESTORE ALL LANDSCAPING, SODDING, AND PAVEMENT THAT MAY HAVE BEEN DAMAGED DURING CONSTRUCTION TO ITS ORIGINAL CONDITION OR BETTER.
11. CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH WASTEWATER PERSONNEL AND PUMPING STATION OPERATIONS.
12. THE EXISTING ODOR CONTROL SYSTEM SHALL REMAIN IN OPERATION UNTIL THE CONSTRUCTION OF THE PROPOSED SYSTEM IS COMPLETED. THE EXISTING SYSTEM SHALL REMAIN INTACT UNTIL ALL PERFORMANCE TESTS ON THE NEW SYSTEM HAVE BEEN SUCCESSFULLY COMPLETED. THE PERFORMANCE TESTS WILL BE PERFORMED A MINIMUM 30 DAYS AFTER PROPOSED SYSTEM IS PLACED IN OPERATION.
13. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL FIELD MEASUREMENTS AND VERIFYING THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING PIPING, STRUCTURES, AND OTHER FEATURES AFFECTING HIS WORK PRIOR TO SUBMITTAL OF SHOP DRAWINGS OR STARTING CONSTRUCTION.
14. ALL EQUIPMENT, PIPING, STRUCTURES, ETC. INDICATED FOR REMOVAL SHALL BE REMOVED AND EITHER DELIVERED TO THE HOWARD F. CURREN TREATMENT PLANT OR PROPERLY DISPOSED BY THE CONTRACTOR. IN GENERAL, ALL ITEMS CONSTRUCTED OF METAL OR ALUMINUM SHALL REMAIN THE PROPERTY OF THE CITY AND SHALL BE DELIVERED TO THE TREATMENT PLANT. THE EXISTING BLEACH STORAGE TANK AND CAUSTIC STORAGE TANK SHALL ALSO BE DELIVERED TO THE TREATMENT PLANT. THE CONTRACTOR SHALL DISPOSE ALL OTHER ITEMS.

15. ALL EXISTING CONCRETE PEDESTALS/CURBS ABOVE THE SLAB INCLUDING THE PEDESTALS FOR THE SCRUBBER TOWER, BLEACH TANK, CAUSTIC TANK, BLOWER, ETC. SHALL BE REMOVED FLUSH WITH THE EXISTING FLOOR. ALL REBAR OR ANCHOR BOLTS CAST INTO THE EXISTING FLOOR THAT ARE REMAINING AFTER THE REMOVAL OF THE CONCRETE PEDESTALS AND OTHER EQUIPMENT SHALL BE GROUND BACK A MINIMUM OF 1-INCH AND THE HOLE FILLED WITH EPOXY OR GROUT. AREAS OF THE FLOOR THAT ARE DISTURBED BY THE REMOVAL OF THE CONCRETE PEDESTALS AND OTHER EQUIPMENT SHALL BE MADE SMOOTH.
16. THE SCRUBBER TOWER, BLOWER, AND CHEMICAL RECIRCULATION PUMPS, FOR THE ODOR CONTROL SYSTEM SHALL BE SECURELY MOUNTED TO CONCRETE HOUSE KEEPING PADS. THE PADS AND MAIN 6" CONCRETE SLAB SHALL BE CONSTRUCTED OF 4000 PSI CONCRETE REINFORCED WITH 4"x4"-W6XW6 WWF. THE PADS SHALL BE A MINIMUM OF 6-INCHES HIGH AND SHALL HAVE SUFFICIENT LENGTH AND WIDTH TO COMPLETELY SUPPORT THE PROPOSED EQUIPMENT. THE PADS SHALL BE ANCHORED TO THE CONCRETE FLOOR BY PROVIDING NO. 4 DOWELS AT 12" O.C.E.W. DRILLED AND EPOXIED OR CAST INTO THE CONCRETE FLOOR.
17. ALL DUCTWORK SHALL BE CONSTRUCTED OF FIBERGLASS REINFORCED PLASTIC (FRP). ALL GUY WIRES, FASTENERS, BOLTS, NUTS, WASHERS, ANCHORS, ETC. SHALL BE CONSTRUCTED OF 316 STAINLESS STEEL.
18. THE EXISTING WET WELL INTAKE DUCT TRANSITION PIECE SHALL BE REMOVED AND SEALED AIRTIGHT BY INSTALLING 1/4" THICK ALUMNUM DIAMAND PLATE WITH GASKET MATERIAL AND MIN. 4-3/8" 316 SS WEDGE ANCHORS.
19. CONTRACTOR SHALL INSTALL A NEW 1-INCH WATER LINE TO PROVIDE MAKE-UP WATER TO THE NEW ODOR CONTROL. THE NEW WATER LINE SHALL BE CONNECTED TO THE EXISTING 1-INCH WATER LINE DOWNSTREAM OF THE EXISTING BACKFLOW PREVENT LOCATED ON THE FRONT SIDE OF THE PUMPING STATION (SEE SHEET 3). WATER LINE SHALL BE CONSTRUCTED OF SCHEDULE 80 CPVC AND SHALL BE INSTALLED WITH A MINIMUM OF 30-INCHES OF COVER. GRASSED AREAS DISTURBED BY THE INSTALLATION SHALL BE RE-SODDED. IF THE INSTALLATION REQUIRES REMOVAL OF THE EXISTING CONCRETE DRIVEWAY, THE CONCRETE SHALL BE REMOVED BY SAW-CUTTING ALONG THE TRENCH EDGES.
20. CONTRACTOR SHALL PROVIDE A CAGED VERTICAL LADDER, 3' WIDE PLATFORM WITH GRATING, RAILING AND KICK-PLATE FOR ACCESS TO THE TANK'S SPRAY NOZZLE. ALL COMPONENTS SHALL BE FIBER REINFORCED POLYMER (FRP) AND IN ACCORDANCE WITH ALL APPLICABLE OSHA STANDARDS. PLATFORM SHALL BE DESIGNED FOR 150 PSF LIVE LOAD. DETAILED DRAWINGS SHALL BE SUBMITTED FOR APPROVAL. ALL CONNECTIONS TO THE TANK SHALL BE MADE IN A MANNER APPROVED BY THE TANK MANUFACTURER AND THE ENGINEER. ALL HARDWARE SHALL BE 316 STAINLESS STEEL.



LOCATION MAP
SCALE 1:400

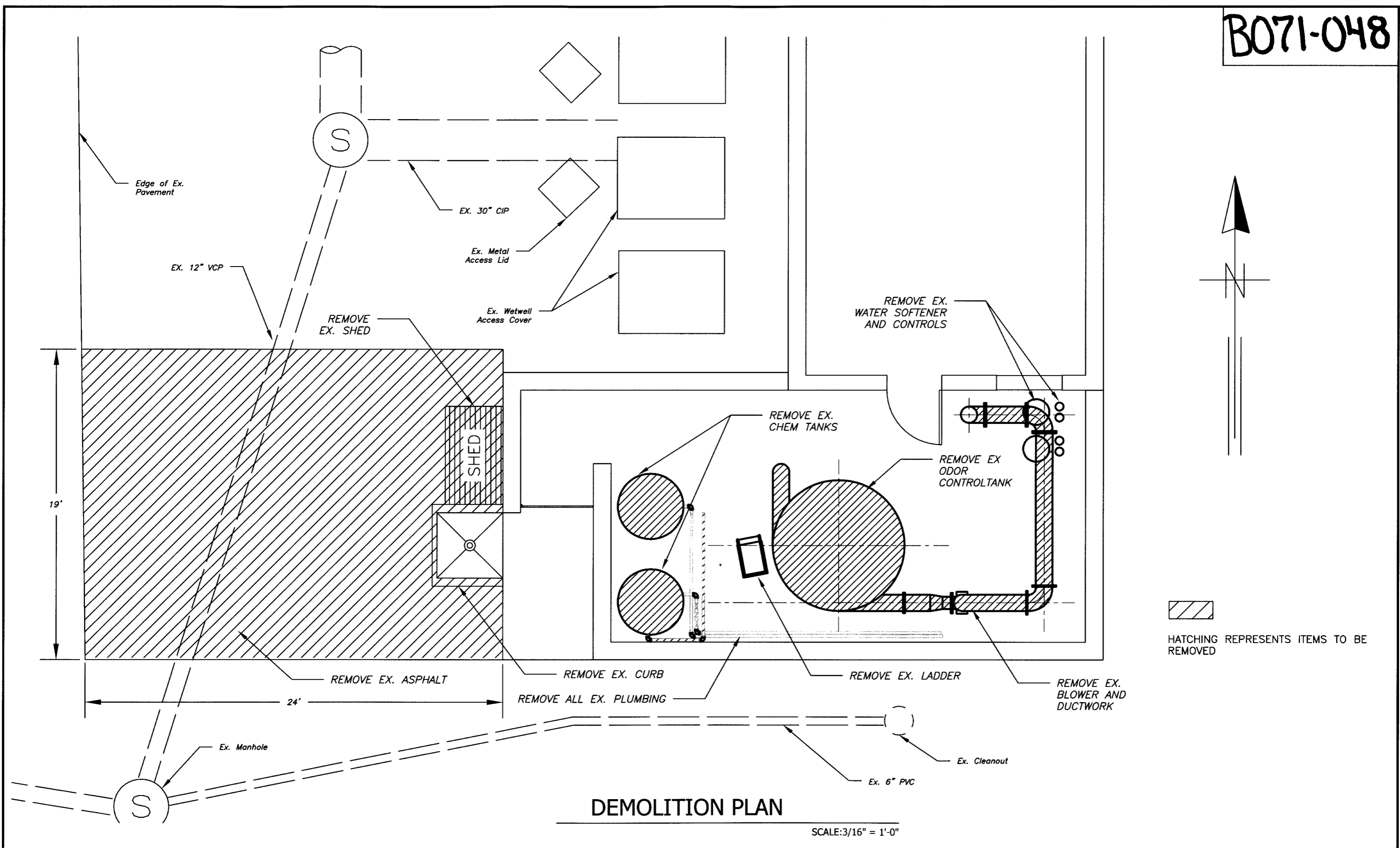
INDEX	
Sheet No.	Description
01	COVER SHEET
02	NOTES,INDEX AND LOCATION MAP
03	SITE PLAN
04	DEMOLITION PLAN
05	PROPOSED PLAN VIEW
06	SECTION AND TANK ELEVATION
E1	ELECTRICAL DEMOLITION PLAN
E2	ELECTRICAL PLAN VIEW
E3	PROPOSED FRONT ELEVATIONS
E4	PROPOSED ELECTRICAL DETAILS AND NOTES



SITE PLAN
SCALE:1:20

User: SSI/5 Drawing Name: K:\WW_Projects\2011_5579_43rd St Pump Station Odor Control\DWG\SITE\SITE PLAN.dwg Layout - Jul 12, 2011 - 1:23pm CTB - MW.CTB

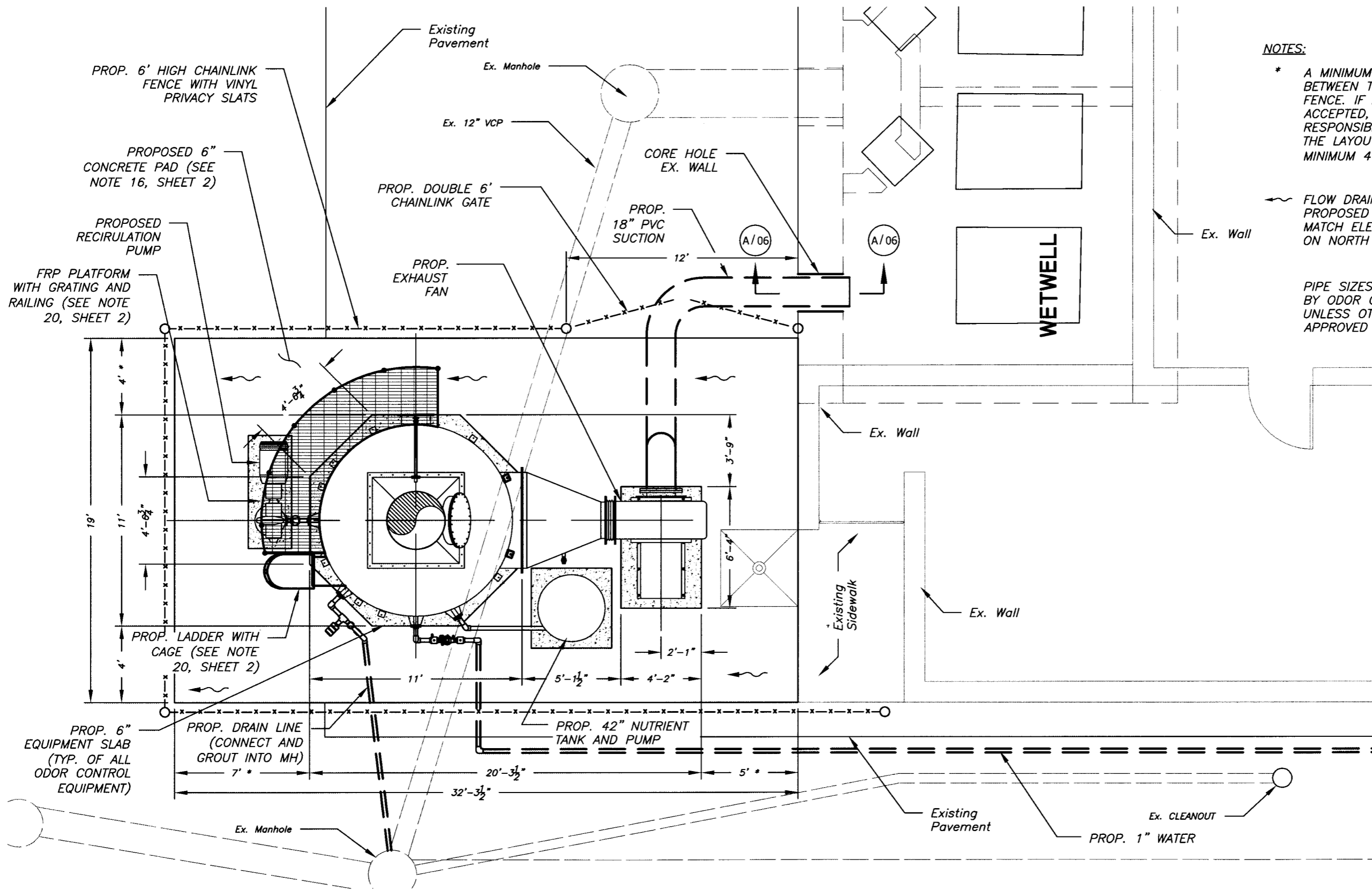
JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: VT/JF DRN: GAP CKD: JF DATE: 7/12/11	CITY of TAMPA WASTEWATER DEPARTMENT	43RD ST PS ODOR CONTROL REPLACEMENT SITE SITE PLAN	W.O. 5579
	3						SHEET
	2						03
	1						OF 10



DEMOLITION PLAN

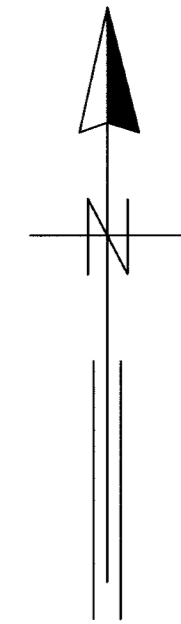
SCALE: 3/16" = 1'-0"

JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: VT/JF DRN: GAP CKD: JF DATE: 7/12/11	CITY of TAMPA WASTEWATER DEPARTMENT	43RD ST PS ODOR CONTROL REPLACEMENT DEMOLITION PLAN	W.O. 5579
	3						SHEET
	2						04
	1						OF 10



NOTES:

- * A MINIMUM 4' CLEARANCE IS PROVIDED BETWEEN THE PROPOSED EQUIPMENT AND FENCE. IF AN ALTERNATE UNIT IS ACCEPTED, THE CONTRACTOR MUST BE RESPONSIBLE FOR ANY MODIFICATIONS TO THE LAYOUT IN ORDER TO PROVIDE THIS MINIMUM 4' CLEARANCE.
- ~ FLOW DRAINAGE DIRECTION— SLOPE PROPOSED SLAB TO THE WEST AND MATCH ELEVATION OF EXISTING PAVEMENT ON NORTH SIDE.
- PIPE SIZES SHALL BE AS RECOMMENDED BY ODOR CONTROL MANUFACTURER UNLESS OTHERWISE SPECIFIED AND APPROVED BY THE CITY.



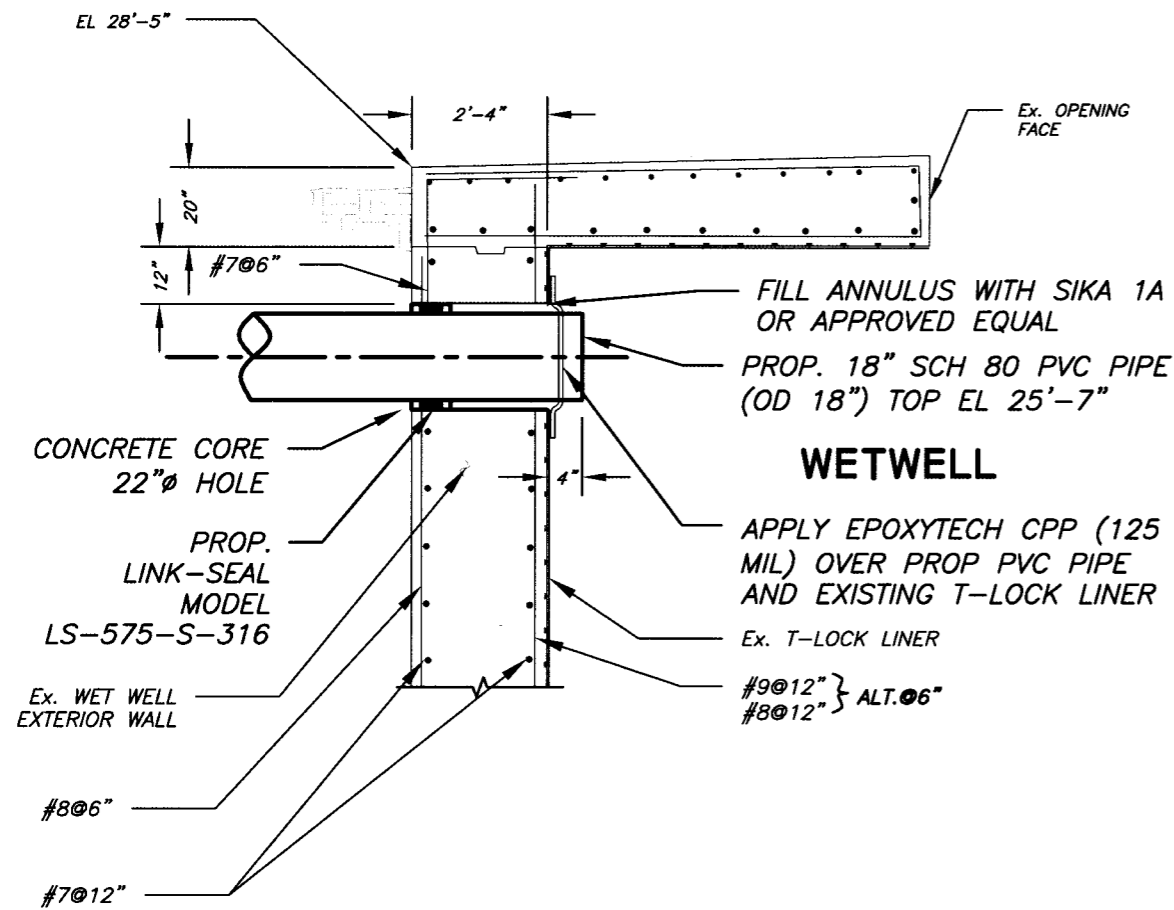
PROPOSED PLAN VIEW

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

JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: VT/JF	CITY of TAMPA WASTEWATER DEPARTMENT	43RD ST PS ODOR CONTROL REPLACEMENT PROPOSED PLAN VIEW	W.O. 5579
	3			DRN: GAP			SHEET
	2			CKD: JF			05
	1			DATE: 7/12/11			OF 10

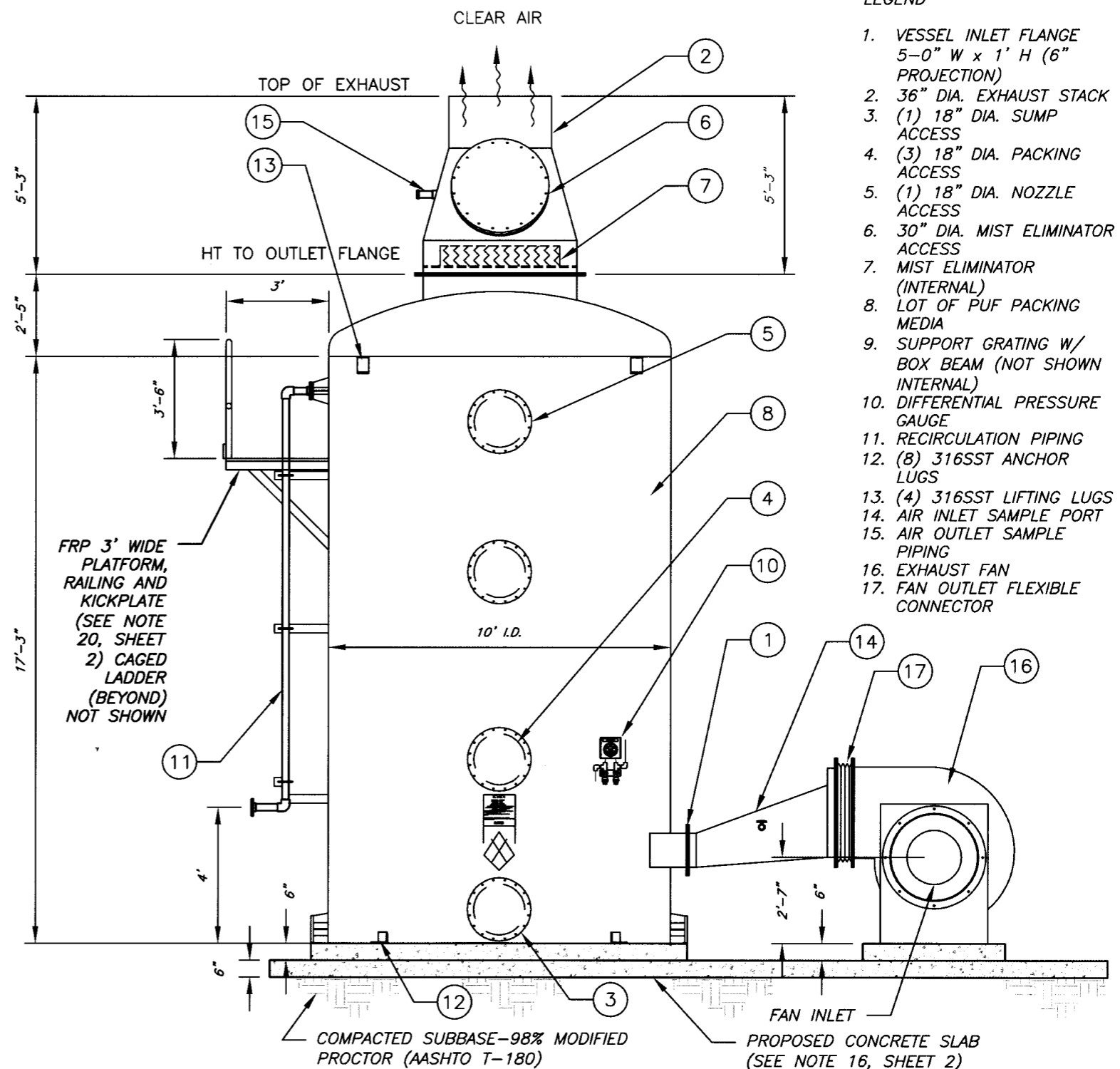
NOTES:

1. IT IS THE ENGINEER'S INTENT THAT THIS WORK WILL BE PERFORMED WITHOUT ISOLATING THE WET WELL AND THE PUMPING STATION WILL REMAIN IN OPERATION.
2. WET WELL CONTAINS HIGH HYDROGEN SULFIDE LEVELS AND CONTRACTOR SHALL UTILIZE FORCED AIR FOR ANY WORK INSIDE THE WET WELL. IT'S THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL OSHA REQUIREMENTS IN REGARDS TO CONFINED SPACE SUCH AS SAFETY HARNESSSES, GAS MONITORS, LOWER EXPLOSIVE LIMIT DETECTORS, BREATHING APPARATUS, ETC.
3. CONTRACTOR SHALL PREVENT DEBRIS FROM ENTERING WET WELL AND SUBMIT PROPOSED METHOD FOR APPROVAL.
4. CONTRACTOR SHALL SUBMIT PROPOSED METHOD OF WORKING INSIDE WET WELL SUCH AS SCAFFOLDING, WORK PLATFORM, HARNESING, ETC. TO THE ENGINEER FOR APPROVAL



ODOR CONTROL SUCTION - SECTION A/5

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



LEGEND

1. VESSEL INLET FLANGE 5'-0" W x 1' H (6" PROJECTION)
2. 36" DIA. EXHAUST STACK
3. (1) 18" DIA. SUMP ACCESS
4. (3) 18" DIA. PACKING ACCESS
5. (1) 18" DIA. NOZZLE ACCESS
6. 30" DIA. MIST ELIMINATOR ACCESS
7. MIST ELIMINATOR (INTERNAL)
8. LOT OF PUF PACKING MEDIA
9. SUPPORT GRATING W/ BOX BEAM (NOT SHOWN INTERNAL)
10. DIFFERENTIAL PRESSURE GAUGE
11. RECIRCULATION PIPING
12. (8) 316SST ANCHOR LUGS
13. (4) 316SST LIFTING LUGS
14. AIR INLET SAMPLE PORT
15. AIR OUTLET SAMPLE PIPING
16. EXHAUST FAN
17. FAN OUTLET FLEXIBLE CONNECTOR

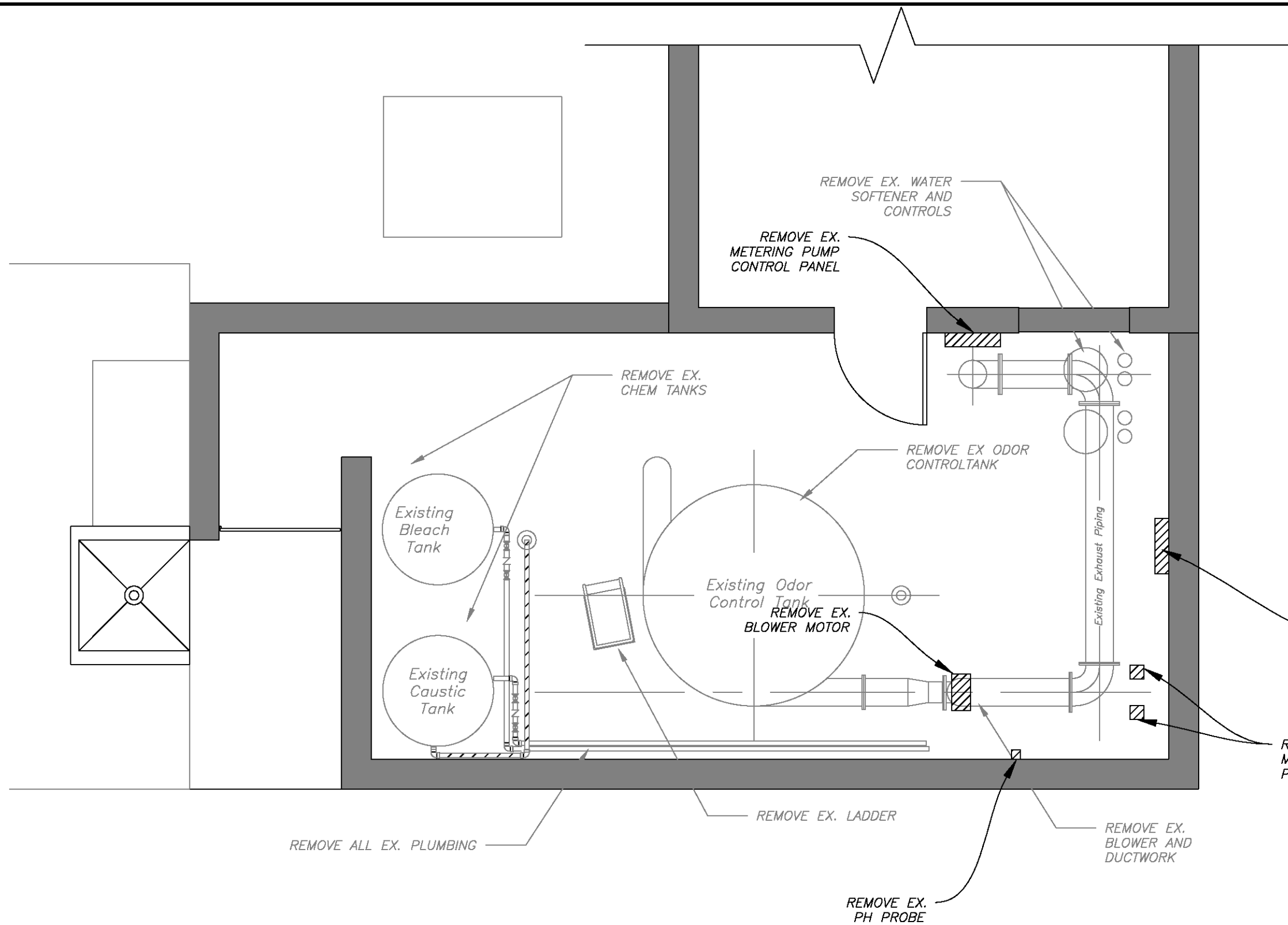
ODOR CONTROL TANK ELEVATION

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

JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: VT/JF	CITY of TAMPA WASTEWATER DEPARTMENT	43RD ST PS ODOR CONTROL REPLACEMENT SECTION AND TANK ELEVATION	W.O. 5579
	3			DRN: GAP			SHEET
	2			CKD: JF			06
	1			DATE: 7/12/11			OF 10

NOTES:

1. THIS DRAWING IS PROVIDED TO OUTLINE, IN GENERAL TERMS, THE EXISTING ODOR CONTROL FACILITIES.
2. THE CONTRACTOR SHALL ENSURE THAT THE EXISTING ODOR CONTROL SYSTEM REMAINS IN OPERATION DURING THE INSTALLATION OF THE PROPOSED SYSTEM. ALL ODOR CONTROL SHUT-DOWNS SHALL BE OF THE SHORTEST POSSIBLE DURATION. ALL SHUT-DOWNS SHALL BE COORDINATED WITH CITY PERSONNEL 24 HOURS IN ADVANCE. DEMOLITION OF THE EXISTING ODOR CONTROL SYSTEM MAY BEGIN ONLY WHEN THE PROPOSED SYSTEM HAS BEEN FULLY INSTALLED AND TESTED.
3. ONCE THE PROP. ODOR CONTROL SYSTEM IS FULLY INSTALLED AND TESTED, THE EXISTING ODOR CONTROL EQUIPMENT MAY BE REMOVED. REMOVE FROM THE ODOR CONTROL EQUIPMENT ENCLOSURE AREA ALL ELECTRICAL EQUIPMENT INCLUDING, BUT NOT LIMITED TO THE FOLLOWING: METERING PUMP CONTROL PANEL, ODOR CONTROL PANEL, METERING PUMPS, PH PROBES, AND BLOWER; AND ALL ASSOCIATED CONDUITS, BOXES, AND MOUNTING HARDWARE. PATCH/SEAL PENETRATIONS AND DAMAGED CONCRETE WITH APPROVED PRODUCTS AND FINISH TO MATCH SURROUNDING SURFACE.
4. THE CONTRACTOR SHALL FIELD VERIFY ALL ELECTRICAL EQUIPMENT AND INTERCONNECTIONS THAT MAY BE OF CONSEQUENCE IN THE EXECUTION OF THIS CONTRACT.
5. ITEMS SHOWN IN THE LIGHTER LINE WEIGHT ARE EXISTING.

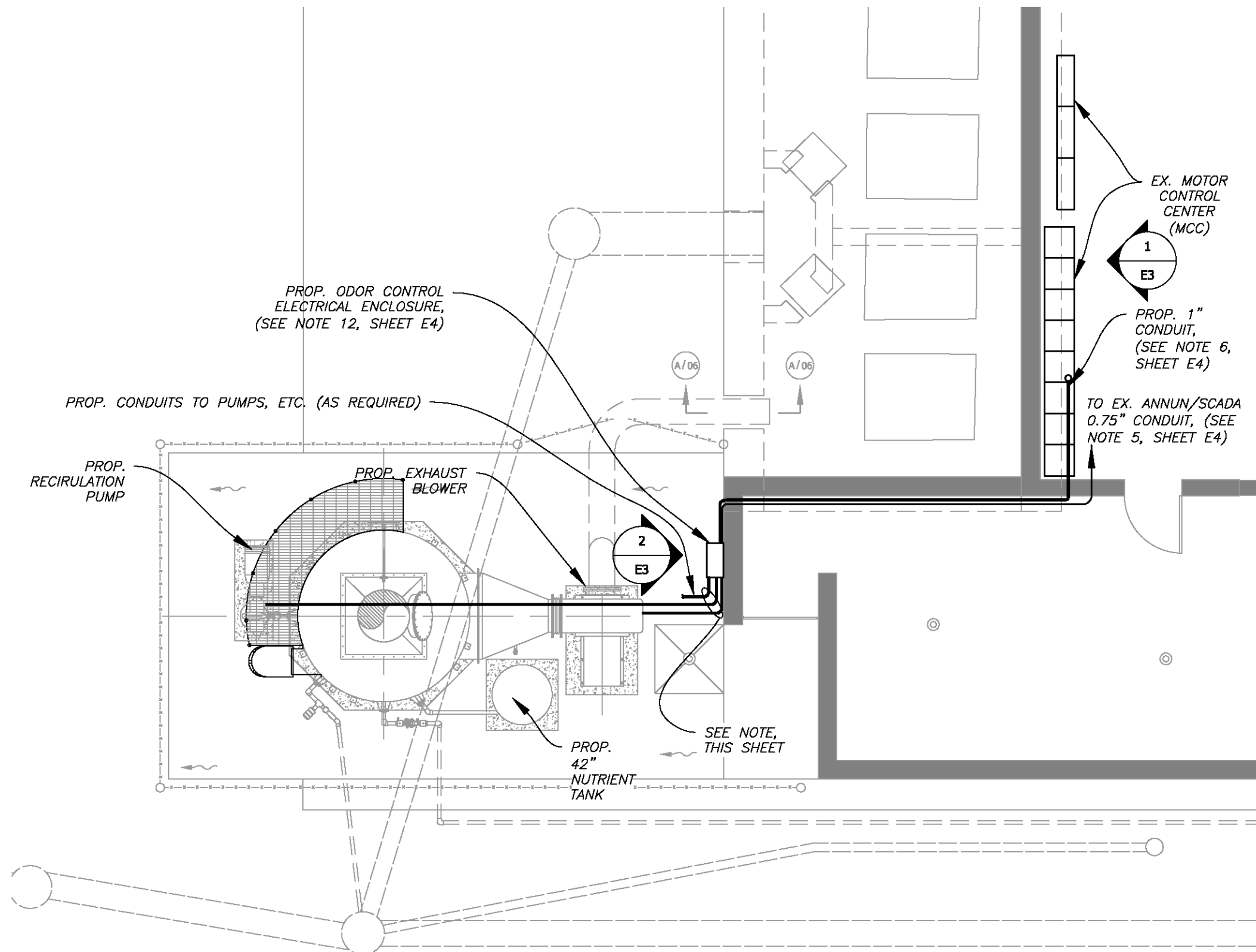


1 DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

ROMAN D. KORCHAK, P.E. #42626 ELECTRICAL SECTION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: LG	CITY of TAMPA WASTEWATER DEPARTMENT	43RD ST PS ODOR CONTROL REPLACEMENT ELECTRICAL DEMOLITION PLAN	W.O. 5579
	3			DRN: GAP			SHEET
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	1			DATE:			OF 10

NOTE:

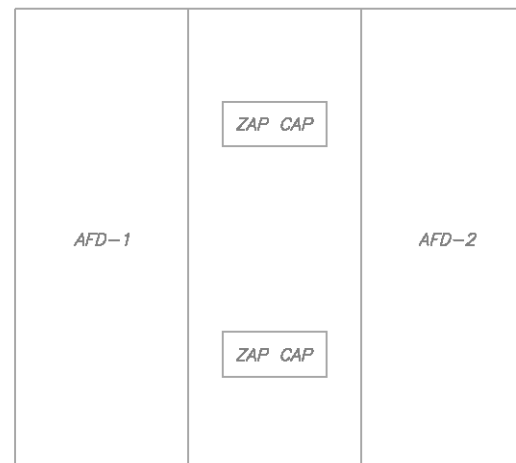
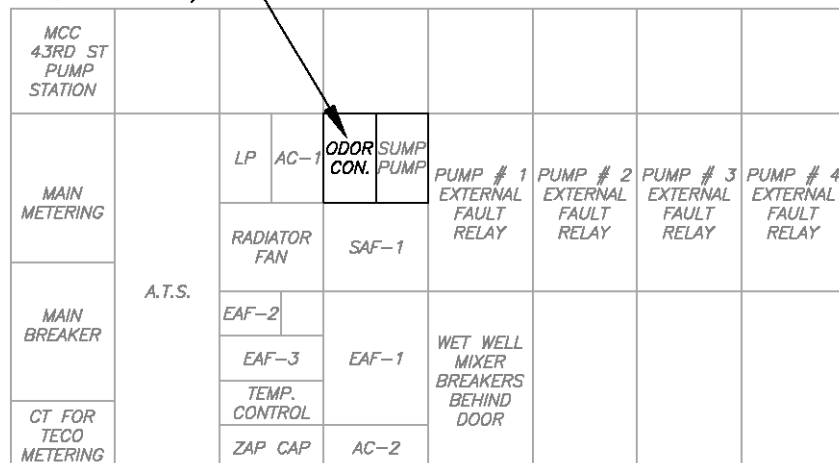
CONDUIT AND CONDUCTORS TO PROPOSED ODOR CONTROL PANEL. PROVIDE AND INSTALL 3/4" PVC COATED AL. RIGID CONDUIT WHERE EXPOSED AT BOTH ENDS OF RUN. TRANSITIONS TO SCHEDULE 80 PVC CONDUIT MAY BE MADE PRIOR TO THE BURIED HORIZONTAL RUN.



1 PLAN VIEW
SCALE: 1:80

ROMAN D. KORCHAK, P.E. #42626 ELECTRICAL SECTION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: LG	CITY of TAMPA WASTEWATER DEPARTMENT	43RD ST PS ODOR CONTROL REPLACEMENT PROPOSED ELECTRICAL PLAN VIEW	W.O. 5579
	3			DRN: GAP			SHEET
	2			CKD:			E2
	1			DATE:			OF 10

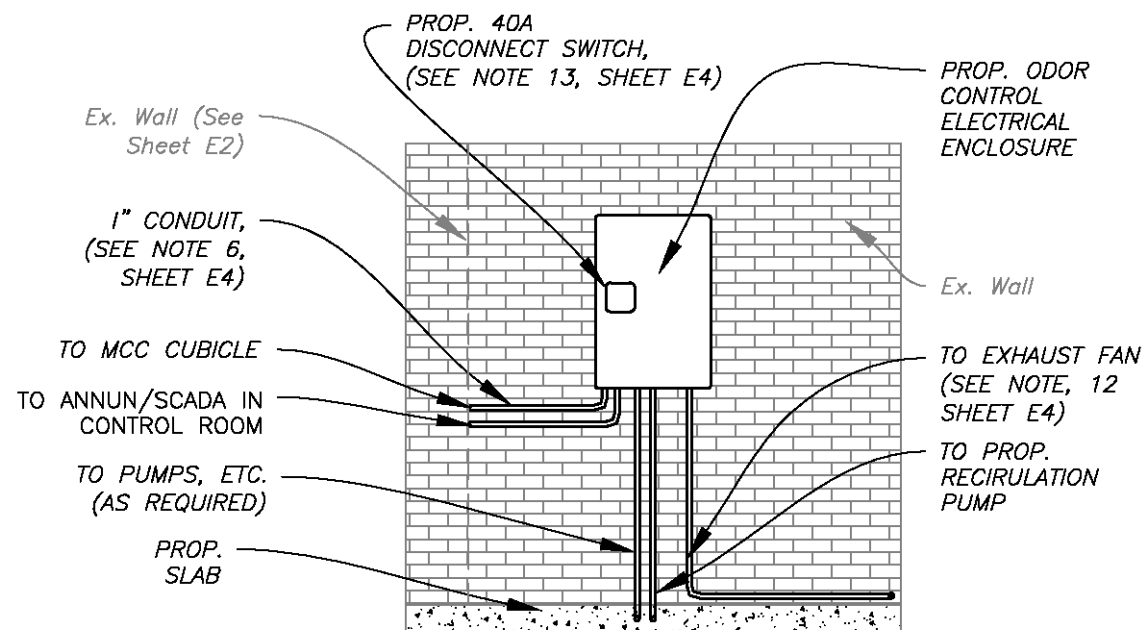
MODIFY EX. CUBICLE
(SEE DETAIL 1 AND NOTE
11, SHEET E4)



NOTE:

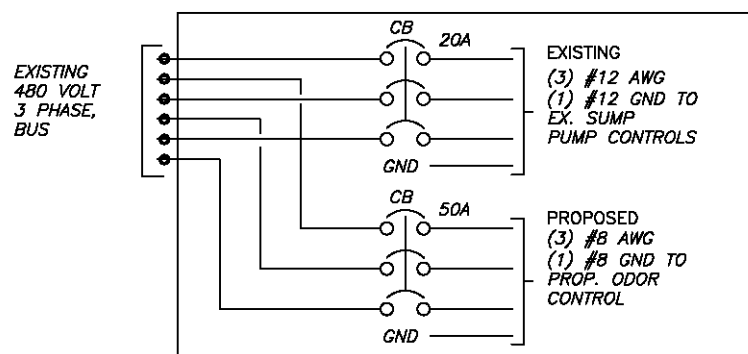
ITEMS SHOWN IN THE LIGHTER LINE WEIGHT ARE EXISTING.

1 EXISTING MOTOR CONTROL CENTER AND VARIABLE FREQUENCY DRIVE
SCALE: 1:40



2 PROPOSED ODOR CONTROL ELECTRICAL ENCLOSURE ELEVATION
SCALE: 1:40

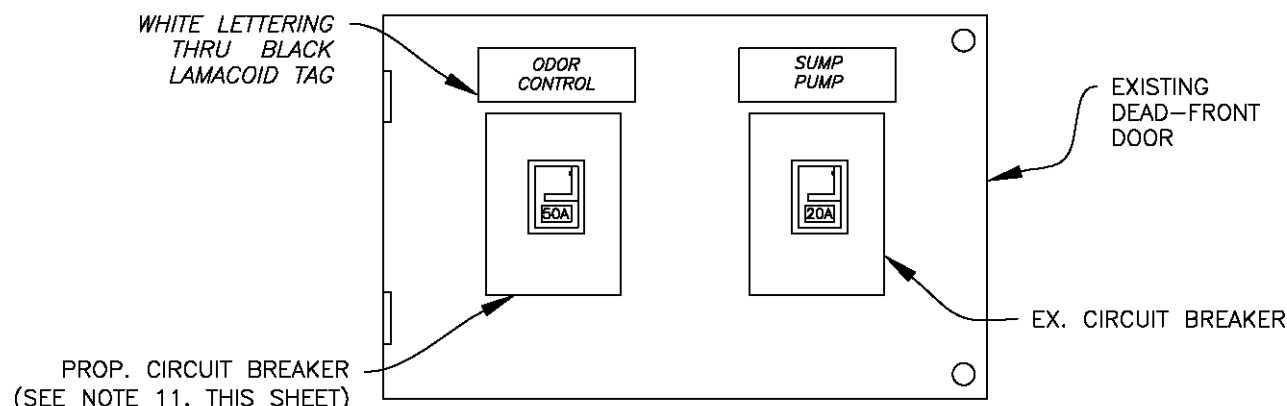
ROMAN D. KORCHAK, P.E. #42626 ELECTRICAL SECTION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: LG	CITY of TAMPA WASTEWATER DEPARTMENT	43RD ST PS ODOR CONTROL REPLACEMENT PROPOSED FRONT ELEVATIONS	W.O. 5579
	3			DRN: GP			SHEET
	2			CKD:			E3
	1			DATE:			OF 10



SCHEMATIC

DETAIL I- CUBICLE MODIFICATIONS

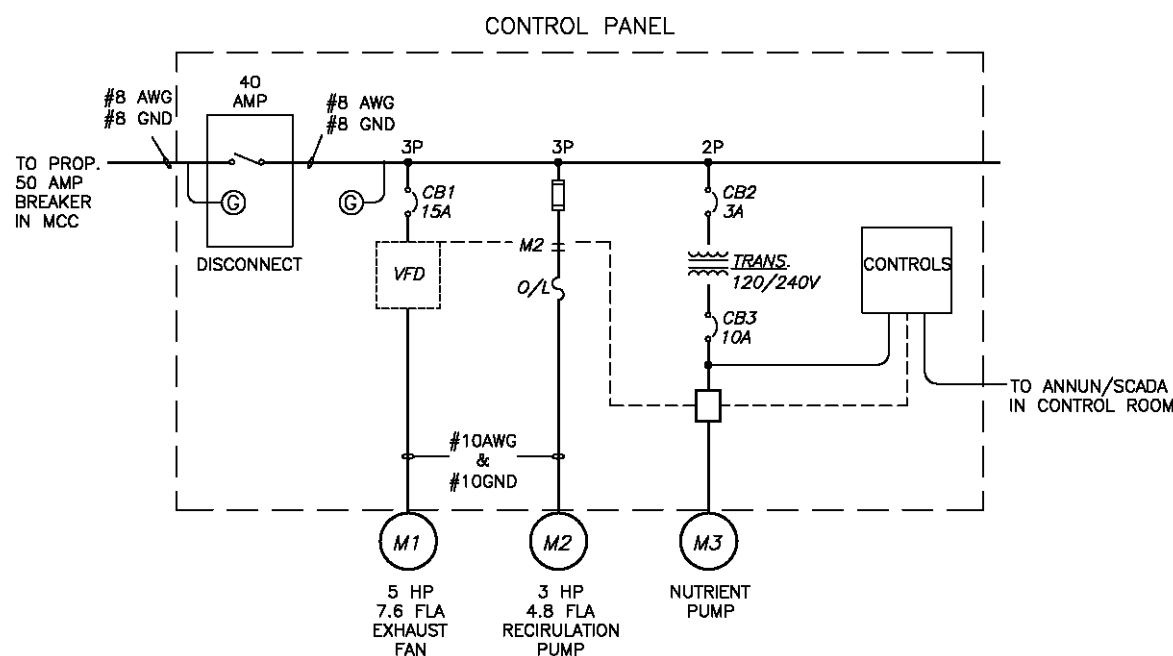
(SEE NOTE II, THIS SHEET)



PROP. CUBICLE LAYOUT

NOTES:

1. ALL CONDUITS, FITTINGS AND TERMINAL BOXES INSTALLED OUTDOORS SHALL BE RIGID ALUMINUM COATED WITH 40MIL PVC OUTSIDE AND 2MIL URETHANE INSIDE, AS MANUFACTURED BY ROBBROY
2. ALL CONDUIT MOUNTED INSIDE SHALL BE RIGID ALUMINUM, AS SPECIFIED.
3. A 316 STAINLESS STEEL CHANNEL ERECTOR SYSTEM SHALL BE USED TO MOUNT AND SUPPORT THE ENCLOSURES, BOXES, CONDUITS AND OTHER EQUIPMENT. ALL MOUNTING HARDWARE, ALL THREAD, ETC. SHALL BE 316 STAINLESS STEEL.
4. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND MAKE ADJUSTMENT AS NECESSARY TO EXECUTE THIS CONTRACT.
5. MODIFY EXISTING ANNUNCIATOR WINDOWS AND ALARM ELECTRONICS TO FACILITATE PROPOSED "EXHAUST BLOWER FAULT", "RECIRCULATION PUMP FAULT", AND "NUTRIENT FEED PUMP FAULT" INDICATION. CITY INSTRUMENTATION PERSONNEL WILL MAKE FINAL SCADA RTU CONNECTION.
6. PROVIDE AND INSTALL A 1" CONDUIT FROM THE NEW ODOR CONTROL ELECTRICAL ENCLOSURE TO PROPOSED 50 AMP ODOR CONTROL SYSTEM FEEDER CIRCUIT BREAKER, AS SHOWN, SPECIFIED AND REQUIRED.
7. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEC AND THE CITY OF TAMPA CODES, AND SHALL BE INSPECTED BY CITY OF TAMPA ELECTRICAL INSPECTORS.
8. ALL ELECTRICAL COMPONENTS SHALL BE UL LISTED AND AS SPECIFIED, OR AS APPROVED BY THE ENGINEER.
9. THE ODOR CONTROL ELECTRICAL ENCLOSURE, AND ALL COMPONENTS MOUNTED THEREON, SHALL BE NEMA 4X, CORROSION RESISTANT.
10. THIS SCHEMATIC IS FOR GENERAL INFORMATION ONLY. THE PROPOSED ODOR CONTROL SYSTEM IS PROVIDED AS A PACKAGED UNIT AND AS SUCH MAY REQUIRE ADDITIONAL CONTROLS AND MODIFICATIONS NOT SHOWN HERE.
11. REPLACE THE EXISTING 20-AMP ODOR CONTROL CIRCUIT BREAKER WITH ONE HAVING 50-AMP RATING, AS SHOWN. THE PROPOSED CIRCUIT BREAKER SHALL HAVE AN AIC RATING EQUAL TO, OR GREATER THAN, THE CIRCUIT BREAKER BEING REPLACED. PROVIDE AND INSTALL A CIRCUIT BREAKER HANDLE PADLOCK ATTACHMENT AS SHOWN (LOCKABLE IN OFF POSITION). THE CONTRACTOR SHALL ENSURE THAT THE EXISTING ODOR CONTROL SYSTEM REMAINS IN OPERATION THROUGHOUT CONSTRUCTION. THEREFORE, THE CONDUCTORS FOR THE EXISTING ODOR CONTROL SYSTEM SHALL BE CONNECTED TO THE LOAD SIDE OF THE NEW 50-AMP CIRCUIT BREAKER IN ADDITION TO THE PROPOSED CONDUCTORS FOR THE NEW ODOR CONTROL SYSTEM. ONCE THE PROPOSED ODOR CONTROL SYSTEM IS FULLY INSTALLED AND TESTED, THE EXISTING ODOR CONTROL EQUIPMENT MAY BE REMOVED (SEE NOTE 3, SHEET E1)
12. PROPOSED ODOR CONTROL ELECTRICAL ENCLOSURE SHALL BE MOUNTED ON THE EAST WALL OF THE ODOR CONTROL EQUIPMENT ENCLOSURE AS SHOWN, SPECIFIED AND REQUIRED. THE ENCLOSURE SHALL BE INSTALLED A MINIMUM DISTANCE OF 42" FROM THE EXHAUST FAN TO MEET CLEARANCE REQUIREMENTS.
13. A 3-POLE NEMA 4X DISCONNECT SWITCH SHALL BE PROVIDED WITH THE ODOR CONTROL PACKAGE UNIT. DISCONNECT SWITCH SHALL DISABLE ALL ELECTRICAL POWER TO THE SYSTEM, ANY CONTROL AND AUXILIARY VOLTAGES SHALL BE DERIVED FROM THE LOAD SIDE OF THE DISCONNECT SWITCH.



PROP. CONTROL PANEL ONE LINE DIAGRAM

(SEE NOTE 10, THIS SHEET)

No.	DATE	REVISIONS
3		
2		
1		