ENV-00116-04-06
ES22-0204F (Specification No.)

ISSUED FOR BID
GENERAL NOTES

1. All dimensions of Decorative Metal Panel are approximate. Contractor shall verify and provide shop drawings including layout, dimensions, material specifications, and accommodations for decorative metal panels, attachment for project representative's approval prior to fabrication.

2. Project representative to provide electronic CAD work or watermarked drawing file for output pattern for decorative metal panels upon contractor's request prior to fabrication.

3. Pile driver cap, wall cap, pileater, and wall units, decorative metal panel, access door, and access gate shall be level and plumb.

CONSTRUCTION NOTES


2. Compactor pinch point warning, see oval plan sheet 11.

3. Wall see detail, this sheet & sheet 14.


Before You Dig
1-800-424-5555
Call 2 days

Project Name

Check

Scale

Sheet No.

Sheet of

19143

ENV-00116-04-06

Issue for

Bid

28

146.04

ES22-0204F

A-301

CALL 2 DAYS
BEFORE YOU DIG
1-800-424-5555

ENVIRONMENTAL SERVICES DEPARTMENT
SWM DOWNTOWN COMPACTOR ENCLOSURE UPGRADE PROJECT
SITE B - ENCLOSURE DETAILS

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GENERAL STRUCTURAL NOTES

Contactor:

I. SHIELDING NOTES AND CODES

INTERNATIONAL BUILDING CODE, BC 2013 EDITION, EXCEPT WHERE OTHER CODES ARE MORE RESTRICTIVE.

II. LOADS PER WIND ZONE (TUCKAWAY)

BASE WIND SPEED:

STRENGTH

EARLY WARNING POINTS

EXPOSURE

EARLY WARNING POINTS

IMPORTANT FACTORS

III. LOADS PER CITY-WIDE (BASE DENSE DESIGN) WINDS

SOLARIZED AND DESIGN SPECIFC ACTIVATION LEVELS

SOLARIZED AND DESIGN SPECIFIC ACTIVATION LEVELS

SITE CLASS

RESPONSE MODIFICATION FACTOR

IV. GROUND PRESSURES

SPECIAL FOUNDATION REQUIREMENTS

EROSION

V. CONSTRUCTION

REINFORCEMENT DETAILING, PLACEMENT, AND ERECTION OF REINFORCED BARS, UNLESS OTHERWISE NOTED, SHALL BE IN ACCORDANCE WITH NATIONAL STANDARD PRACTICE FOR THE DETAILS OF REINFORCED CONCRETE STRUCTURES AS IT STANDS LATEST EDITION.

CONCRETE

REINFORCING STEEL, PER ASTM A615, GRADE 60, Lap Bars 48 in Bar Diameter at Joints. Provide 200% Min Reinforcement with Two 6 in Bar at Top of Wall, Provided Two 6 in Vertical Bars at Each Joint. Corner Intersections and Ordnance Thru-Holes, Provide Corner Bars of Same Size and Number As Required for Bond Beams at Corners and Intersections.

Pipes

All structural steel shall conform to the following ASTM designations unless otherwise noted on the drawings:

Tests, Channels, Angles, Plates and Bar.

ASTM A572, Grade 50, 55, 60.

Welding

All welds shall conform to AWS D1.1, WELDING code, minimum weld size.

CAUTION: If continuous fillet welds are to be used, reference to AWS D1.1, Table 7.2 and Electric Arc Welding, AISC D1.1, Welding shall be conducted by WIND certified Welders.

Coating

Structural Steel shall be galvanized or coated in accordance with specifications.

Aluminum

Aluminum construction shall be in accordance with AGS specifications for structures of aluminum, material to be alloy 6061-T6, unless otherwise noted.

ALL CONNECTIONS BOLTs FOR ALUMINUM SHALL BE STAINLESS STEEL.

Contact surfaces shall be coated with heavy galva resistant bitumus paint or coal tar epoxy protective coat.

Welding

Materials and procedures for welding aluminum shall be in accordance with AWS D1.1 code.

Stainless Steel

Welding

Materials and procedures for welding stainless steel shall be in accordance with AWS D1.1 code.

Material

Stainless Steel construction shall be in accordance with AWS D1.1, Specification, structures of stainless steel shall conform to ASTM A384 or ASTM A550. Stainless steel bolts and nuts shall conform to ASTM A193.

Welding

Material and procedure for welding stainless steel shall be in accordance with AWS D1.1 code.

Metalurgical

Refer to structural drawings for site openings, architectural treatment and dimensions not shown.

Refer to Electrical drawings for site and location of recesses, duct openings, piping, conduit, equipment location and anchorage, etc., not shown.

Coordinate and verify all dimensions with structural or electrical drawings and verify all dimensions and conditions at the project site prior to starting work and notify the engineer immediately of any discrepancies.

Structural system has been designed for operational loads on the completed structure. Provide temporary bracing prior to construction as required for stability of the structure and adjacent structures during all phases of construction.

Refer to specifications for information not contained in these general notes.

S-002
1. COORDINATE ALL SERVICE REQUIREMENTS WITH TPU PRIOR TO WORK.

2. ALL NEW FEEDER AND BRANCH CIRCUITS SHALL BE COPPER.

3. PROVIDE TIME IN THE BASE BID FOR THE TPU ELECTRICAL UTILITY SERVICE PERSONNEL TO INCLUDE TPU POWER UTILITY OVERTIME RATE FOR WORK.

4. PROVIDE OVERTIME RATE FOR WORKING WITH TPU POWER UTILITY.

5. REFER TO ELECTRICAL E-201 NOTE 5 FOR ADDITIONAL INFORMATION.

GENERAL NOTES SITE B

COORDINATE ALL ELECTRICAL WORK INSIDE THE CITY LIMITS WITH TPU PRIOR TO WORK. FOR ADDITIONAL INFORMATION ON CURRENT RATED FUSED DISCONNECT SWITCHES AND SERVICE CONDUCTORS PROVIDED BY TPU, REFER TO PANEL BOARD WITH A 100-AMP MAIN BREAKER. SEE PANEL BOARD INFORMATION ON CURRENT RATED FUSED DISCONNECT SWITCHES AND SERVICE CONDUCTORS PROVIDED BY TPU.

ELECTRICAL DIAGRAM NOTES:

1. ALL SOLID LINES INDICATE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

2. ALL DASHED LINES INDICATE NEW TO BE PROVIDED.

3. PROVIDE TIME IN THE BASE BID FOR THE TPU ELECTRICAL UTILITY SERVICE PERSONNEL TO INCLUDE TPU POWER UTILITY OVERTIME RATE FOR WORK.

4. PROVIDE TIME IN THE BASE BID FOR THE TPU ELECTRICAL UTILITY SERVICE PERSONNEL TO INCLUDE TPU POWER UTILITY OVERTIME RATE FOR WORK.

5. USE EXISTING SPARE BREAKER IN PANEL P.

GENERAL NOTES SITE A

COORDINATE ALL SERVICE REQUIREMENTS WITH TPU PRIOR TO WORK.

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3. PROVIDE TIME IN THE BASE BID FOR THE TPU ELECTRICAL UTILITY SERVICE PERSONNEL TO INCLUDE TPU POWER UTILITY OVERTIME RATE FOR WORK.

4. PROVIDE TIME IN THE BASE BID FOR THE TPU ELECTRICAL UTILITY SERVICE PERSONNEL TO INCLUDE TPU POWER UTILITY OVERTIME RATE FOR WORK.

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