1. METAL END, 8" INV = 827.00

2. 244 LIN FT SS PVC, 8" @ 2.23%

3. UNUSED

4. UNUSED

5. TY C CATCH BASIN TY 8 GRATE RIM = 831.05 INV = 827.98 (W) INV = 827.98 (NE)

6. 33 LIN FT SS PVC, 8" @ 0.50%

7. TY C CATCH BASIN TY 8 GRATE RIM = 830.90 INV = 828.15 (E)

GENERAL NOTES:

- GENERAL NOTES TO THIS DRAWING AND SPECIFICATIONS ARE IDENTIFIED IN THE GENERAL NOTES SECTION OF THIS DRAWING.
- THIS DRAWING IS FOR BID.

Know what's Below. Call before you dig.
TYPICAL RECTANGULAR INLET FILTER COMBINATION INLET FILTER FOR CURB HOODS

- REPLACEABLE SEDIMENT BAGS
- WITH GEOTEXTILE FILTER FABRIC
- LIFT HANDLES
- STAINLESS STEEL CLAMPING BAND

ALL PRODUCTS MANUFACTURED BY INLET & PIPE PROTECTION, INC
DISTRIBUTED BY ADS
WWW.INLETFILTERS.COM
(866) 287-8655 PH
(630) 355-3477 FX
INFO@INLETFILTERS.COM

INSTALLATION:
1. REMOVE GRATEDROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
2. REPLACE GRATE

STANDARD 2" OVERFLOW AREA 11 GAUGE STEEL SUSPENSION SYSTEM

STAINLESS STEEL ROUND INLET FILTERS FOR NYLOPLAST CASTINGS
CATCH-ITS SPECIFIED W/ FX or FX-S BAGS

WALL MOUNT INLET FILTERS FOR OPEN THROAT GUTTERS
REAR CURB GUARD FLAP WITH MAGNETIC TIE DOWNS

FLEXSTORM INLET FILTERS
PRODUCT SELECTION AND SPECIFICATION DRAWING

CFLEXSTORM_SPECS
NOTES:
1. MATERIAL: SOLID POLYETHYLENE
2. WHEEL STOP COLOR: YELLOW
3. MANUFACTURER - PLASTICS-R-UNIQUE, INC.
   352 MILL STREET
   WADSWORTH, OH 44281
   CONTACT - BOBBIE PERTIE
   330-334-4820 PHONE
   330-334-4720 FAX
4. USE ONLY MANUFACTURER SUPPLIED LAGS AND SPIKES
5. PRE-DRILL HOLES THROUGH PARKING SURFACES
   (3/4" BIT FOR LAGS AND 3/8" BIT FOR SPACES)
6. FILL PRE-DRILLED HOLES WITH HEAVY DUTY CONSTRUCTION ADHESIVE SUCH AS PL400
**PLAN VIEW**

**FRONT ELEVATION**

**DIAMETER**

4" x 4" x 1/4" STEEL TUBE GROUT FILLED & CAPED WITH CONCRETE, PAINT TO MATCH BUILDING COLOR.

**GATE FRAME:**

1-1/2" x 1-1/2" x 1/8" STEEL TUBE OR 2" x 2" x 1/8" ANGLE W/ WELDED JOINTS.

PAINT TO MATCH BUILDING COLOR.

ATTACH HORIZ. CEDAR 2 X 4'S ON STEEL FRAME @ TOP & BOTTOM W/ 4" x 1/4" GALV. CARRIAGE BOLTS ON OUTSIDE TO RECEIVE FENCE FACE BOARD.

**BARREL BOLT:**

STANLEY HEAVY BARREL BOLT # CD1084BB SCREW THROUGH WOOD & INTO METAL FRAME.

3/4" BENT STL. BAR (2) 1" I.D. X 2" LONG STL. PIPE WELDED TO FRAME & ALIGNED FOR BENT BAR ON EACH GATE.

**6" HINGE:**

TYP. (2) STANLEY BB855 PHOSPHATE WITH NO HOLES ON ONE SIDE FOR WELDING TO STEEL PIPE.

**CONCRETE PAD:**

REFER SITE DEVELOPMENT FOR TYPE AND LOCATION.

1" HOLE IN PAVM'NT W/ MTL. SLEEVE TO RECEIVE STL. BAR (3" DEPTH MIN.)

**4" L 1 1/2" X 1 1/2" X 1/8" X 4'-0" LONG WELDED TO GATE.**

3/4" BENT STL. BAR

ALL MTL. PARTS PRIMED W/ METAL PRIMER & PAINTED TO MATCH BLDG. COLOR.

GATES OPENING SHOULD BE PLACED AT CENTER LINE OF CONCRETE PAD.

**PROVIDE POST CAPS**

**ALL FASTENERS TO BE GALVANIZE FINISHED**

**SIMPSON STRONG-TIE PGT2**

**TOP**

**FRONT**

**1"X6" CEDAR DOG EAR BOARDS ALTERNATE BOARDS ON OPPOSITE SIDES OF FENCE.**

**2" GALV. STEEL PIPE (SCHEDULE 40, 13 GAGE) WITH SIMPSON STRONG-TIE PGT2 CONNECTORS FOR ATTACHING FENCE.**

MINIMUM OF 3 PGT2'S PER PIPE.

**2"X4" CEDAR HORIZONTAL RAIL (TYP.) MEMBERS THREE (3) PLACES.**

**PROVIDE (2) 3/8" DIA. WEEP HOLES, TYP.**

**CONCRETE FOOTING**

**SET POLES IN DUMPSTER PAD.**
ELECTRICAL DEMOLITION NOTES:

1. All electrical equipment and wiring shall be removed in accordance with the approved electrical plans and specifications.

2. All electrical fixtures and receptacles shall be removed in accordance with the approved electrical plans and specifications.

3. All electrical conduit shall be removed in accordance with the approved electrical plans and specifications.

4. All electrical panelboards shall be removed in accordance with the approved electrical plans and specifications.

5. All electrical service connections shall be removed in accordance with the approved electrical plans and specifications.

6. All electrical grounding systems shall be removed in accordance with the approved electrical plans and specifications.

7. All electrical cable runs shall be removed in accordance with the approved electrical plans and specifications.

8. All electrical support systems shall be removed in accordance with the approved electrical plans and specifications.

9. All electrical control systems shall be removed in accordance with the approved electrical plans and specifications.

10. All electrical lighting systems shall be removed in accordance with the approved electrical plans and specifications.

11. All electrical emergency systems shall be removed in accordance with the approved electrical plans and specifications.

12. All electrical HVAC systems shall be removed in accordance with the approved electrical plans and specifications.

13. All electrical fire alarm systems shall be removed in accordance with the approved electrical plans and specifications.

14. All electrical security systems shall be removed in accordance with the approved electrical plans and specifications.

15. All electrical communication systems shall be removed in accordance with the approved electrical plans and specifications.

16. All electrical alarm systems shall be removed in accordance with the approved electrical plans and specifications.

17. All electrical power systems shall be removed in accordance with the approved electrical plans and specifications.

18. All electrical lighting systems shall be removed in accordance with the approved electrical plans and specifications.

19. All electrical control systems shall be removed in accordance with the approved electrical plans and specifications.

20. All electrical support systems shall be removed in accordance with the approved electrical plans and specifications.

21. All electrical mechanical systems shall be removed in accordance with the approved electrical plans and specifications.

22. All electrical plumbing systems shall be removed in accordance with the approved electrical plans and specifications.

23. All electrical electrical systems shall be removed in accordance with the approved electrical plans and specifications.

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50. All electrical electrical systems shall be removed in accordance with the approved electrical plans and specifications.
GENERAL ELECTRICAL NOTES:

1. **1" = 1'-0"** Indicates total drawing scale.
2. **1/4" = 1'-0"** Indicates scale for specific details.
3. **1" = 30'-0"** Indicates scale for overall site plan.
4. **Electrical Equipment**:
   - All electrical equipment is shown.
   - All lighting fixtures are shown.
   - All switches are shown.
   - All outlets are shown.

ELECTRICAL INSTALLATION NOTES:

1. **1" = 1'-0"** Indicates scale for electrical installation.
2. **1/4" = 1'-0"** Indicates scale for electrical installation details.
3. **Electrical Conduit**:
   - All electrical conduits are shown.
   - All electrical boxes are shown.
   - All electrical junction boxes are shown.
   - All electrical switches are shown.
   - All electrical outlets are shown.

EXTerior LIGHTING

CONTROL WIRING DIAGRAM

KEYNOTES

1. **BASEMENT FLOOR PLAN - SHAH CENTER ELECTRICAL**
   - Scale: 1" = 30'-0"
   - Site plan showing electrical layout.
   - General electrical notes and installation details.
   - Site plan showing exterior lighting control wiring diagram.

2. **BASEMENT FLOOR PLAN - SHAH CENTER ELECTRICAL**
   - Scale: 1/4" = 1'-0"
   - Detailed electrical floor plan.
   - Exterior lighting control wiring diagram.

3. **SHAMROCK LANE**
   - Site plan showing electrical layout.
   - General electrical notes and installation details.
   - Exterior lighting control wiring diagram.

4. **SITE PLAN - ELECTRICAL**
   - Scale: 1" = 30'-0"
   - Site plan showing electrical layout.
   - General electrical notes and installation details.
   - Exterior lighting control wiring diagram.
<table>
<thead>
<tr>
<th>LUMINAIRE SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOUNTING: (MTG)</td>
</tr>
<tr>
<td>LAMP TYPE: (L/L)</td>
</tr>
<tr>
<td>RECESSED</td>
</tr>
<tr>
<td>FLUORESCENT</td>
</tr>
<tr>
<td>125&quot; ACRYLIC</td>
</tr>
<tr>
<td>SUSPENDED</td>
</tr>
<tr>
<td>COMPACT FLUORESCENT</td>
</tr>
<tr>
<td>BLACK BAFIRLE</td>
</tr>
<tr>
<td>CEILING SURFACE</td>
</tr>
<tr>
<td>INCANDESCENT</td>
</tr>
<tr>
<td>CLEAR ALZAK</td>
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<tr>
<td>WALL</td>
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<tr>
<td>LED</td>
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<tr>
<td>LIGHT EMITTING DIODE</td>
</tr>
<tr>
<td>PARABOLIC</td>
</tr>
<tr>
<td>UNDER CABINET</td>
</tr>
<tr>
<td>HIGH壓SODIUM</td>
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<tr>
<td>FRESNEL</td>
</tr>
<tr>
<td>TEMPERED GLASS</td>
</tr>
<tr>
<td>POLE</td>
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<tr>
<td>POLYCARBONATE</td>
</tr>
<tr>
<td>SMH- SUPER METAL HALIDE</td>
</tr>
<tr>
<td>KSH12 .125&quot; ACRYLIC</td>
</tr>
<tr>
<td>PULSE START METAL HALIDE</td>
</tr>
<tr>
<td>K19 .156&quot; ACRYLIC</td>
</tr>
<tr>
<td>FA- FLAT ALUMINUM</td>
</tr>
<tr>
<td>O- OTHER (SEE DESCRIPTION)</td>
</tr>
<tr>
<td>RS- REGRESSED STEEL</td>
</tr>
<tr>
<td>BALLAST: (BLS)</td>
</tr>
<tr>
<td>BF- BALLAST FACTOR</td>
</tr>
<tr>
<td>FINISH: (DIM)</td>
</tr>
<tr>
<td>HL- HIGH / LOW LEVEL BALLAST</td>
</tr>
<tr>
<td>PAF- PAINT AFTER FABRICATION</td>
</tr>
<tr>
<td>CSA- FINISH SELECTION BY ARCHITECT</td>
</tr>
<tr>
<td>EMC- EMERGENCY BATTERY/BALLAST</td>
</tr>
<tr>
<td>ML- MULTI-LEVEL SWITCHING</td>
</tr>
<tr>
<td>DALI- DIGITAL DIMMING BALLAST</td>
</tr>
<tr>
<td>MV- MULTI-VOLTAGE ELECTRONIC</td>
</tr>
</tbody>
</table>

CATALOG NUMBER SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. THE COMPLETE DESCRIPTION AND THE SPECIFICATION SHALL BE COORDINATED WITH THE CATALOG NUMBER TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE FIRST MANUFACTURER LISTED IS THE BASIS FOR DESIGN.

ALL LAMPS FOR THIS PROJECT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED.

LAMP CORRELATED COLOR TEMPERATURE 4000°K, COLOR RENDERING INDEX (CRI) AT OR ABOVE 70, UNLESS NOTED OTHERWISE.

<table>
<thead>
<tr>
<th>LAMPS</th>
<th>VOLTS / BLS</th>
<th>APPROVED MANUFACTURER</th>
<th>ITEM</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1</td>
<td>110V</td>
<td>MCGRaw-Edison</td>
<td>XTOR9A-N</td>
<td>EXTERIOR BUILDING MOUNTED LED WALL PACK, COORDINATE WITH CIVIL ENGINEER FOR FINISH SELECTION.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8 3/4&quot; W 11&quot; L 6 1/4&quot; H</td>
</tr>
<tr>
<td>S1</td>
<td>208V</td>
<td>GLEON-AE-04-E1-T3</td>
<td>GLEON-AE-04-E1-T4FT</td>
<td>SITE LIGHTING LUMINAIRE, DUAL HEADS, DIE-CAST ALUMINUM HOUSING, INJECTION MOLDED ACRYLIC OPTICS, (A) 1 HEAD WITH TYPE 3 DISTRIBUTION AND (B) 1 HEAD WITH TYPE 4 FORWARD THROW DISTRIBUTION, LED DRIVER, 10kV TRANSIENT LINE SURGE PROTECTOR. COORDINATE WITH CIVIL ENGINEER FOR FINISH SELECTION. 1 A DRIVE CURRENT. 30' HEIGHT, 6&quot; SQUARE STRAIGHT ALUMINUM WITH INTERNAL VIBRATION DAMPER, 15 1/2&quot; W 28 3/4&quot; L 4&quot; H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ORIENTER</td>
<td></td>
<td>PL LED 2213 WATT (20704 LUMENS) 213 WATT (20555 LUMENS) 208V O MCGRAW-EDISON XTOR9A-N GLEON-AE-04-E1-T3 GLEON-AE-04-E1-T4FT</td>
</tr>
<tr>
<td>S2</td>
<td>208V</td>
<td>ORIENTER</td>
<td></td>
<td>PEDESTRIAN SITE LIGHTING LUMINAIRE, SINGLE HEAD, ALUMINUM BELL-SHAPED HOUSING, ACRYLIC REFRACTOR TYPE OPTICS, CLEAR FLAT GLASS LENS, TYPE 3 DISTRIBUTION, 10kV TRANSIENT LINE SURGE PROTECTOR. COORDINATE WITH CIVIL ENGINEER FOR FINISH SELECTION. 15' HEIGHT, WITH DECORATIVE BASE. 21&quot; D 17.125&quot; H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ORIENTER</td>
<td></td>
<td>LED 1 66 WATT208VOSTERNBERGLITHONIA 1521RLED/FG/480H/5816P5/4ARC45T3/ML/NR/STD</td>
</tr>
<tr>
<td>S3</td>
<td>208V</td>
<td>ORIENTER</td>
<td></td>
<td>FLAG POLE ACCENT LUMINAIRE, DIE-CAST ALUMINUM HOUSING AND DOOR, TIGHT SPOT WITH BAFIRLE DISTRIBUTION, INJECTION MOLDED THERMOPLASTIC LENS, HEAVY-DUTY DIE-CAST ALUMINUM MOUNTING KNUCKLE. COORDINATE WITH CIVIL ENGINEER FOR FINISH SELECTION. LUMINAIRE MOUNTED ABOVE GRADE. 7 1/2&quot; W 14&quot; L 10&quot; H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ORIENTER</td>
<td></td>
<td>OLED 1 24 WATT1100 LUMENS 208V OINVUE VFS-K-A20-3-LED-E1-TSB BETA LIGHTINGLITHONIA</td>
</tr>
</tbody>
</table>

GENERAL ELECTRICAL EQUIPMENT SCHEDULE


EXTENDED POLE BASE DETAIL

GROUND MOUNT BASE DETAIL

EXTERIOR HANDHOLE DETAIL