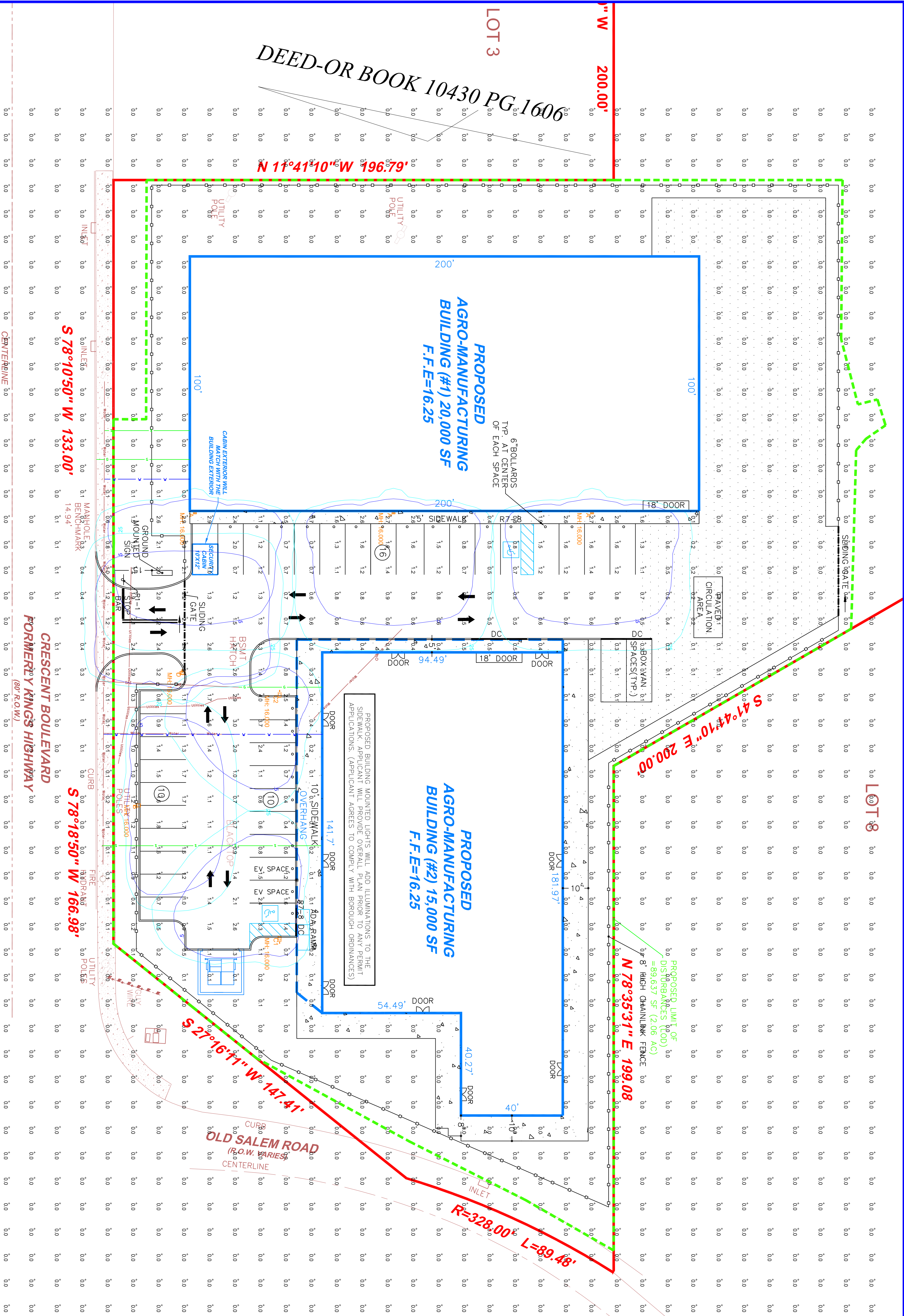


( IN FEET )  
1 inch = 20 ft.

LIGHTING PLAN

BLOCK 126, LOTS 2 & 12  
BOROUGH OF BROOKLAWN  
CAMDEN COUNTY, NJ

SHRINATH J KOTDAWALA, N.J.P.E.-LICENSE # 41204  
KASHI CONSULTING COMPANY, INC. - 246A2802000  
54 OAKLAND MILLS RD, ENGLISTOWN, NJ 07726  
PHONE: (848) 203 7460 FAX: (732) 462 9666

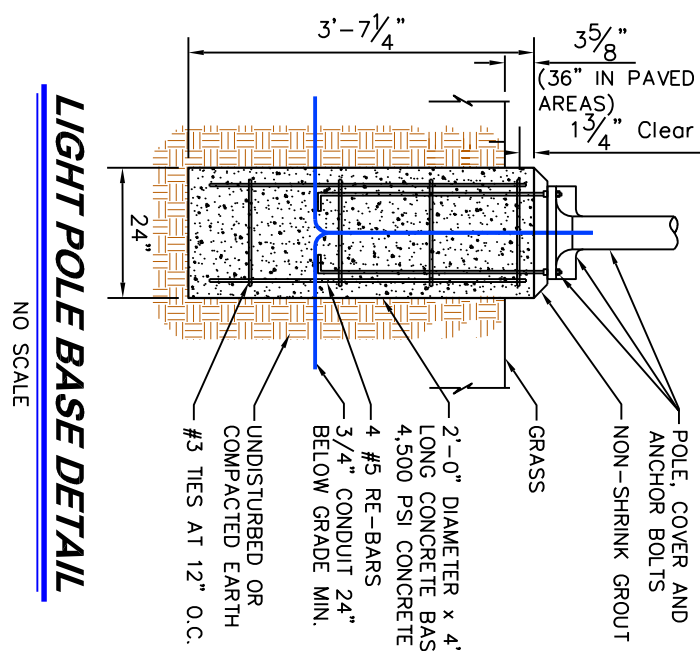
|                                        |                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|
| SCALE:<br>AS SHOWN                     | CHECKED<br>BY: SJK                     | DATE:<br>04-26-2023                    | SHEET: 7<br>OF: 9                      |
| PROJECT:<br>ROUTE 130<br>CRESCENT BLVD | PROJECT:<br>ROUTE 130<br>CRESCENT BLVD | PROJECT:<br>ROUTE 130<br>CRESCENT BLVD | PROJECT:<br>ROUTE 130<br>CRESCENT BLVD |

LIGHTING NOTE:

1. FIXTURES ARE CALCULATED AT TYPICAL FEET LUMENS. LIGHT LEVELS WILL SLOWLY DECREASE AS DISTANCE FROM LIGHT SOURCE INCREASES. LIGHTING WILL BE BASED ON TYPICAL COEFFICIENT.
2. MAXIMUM MOUNTING HEIGHT FOR MOUNT LIGHT IS 10'.
3. LIGHT POLES AND FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SITE LIGHTING ELECTRICAL PLANS AND CIRCUIT DIAGRAMS ARE THE RESPONSIBILITY OF OTHERS.
4. THIS LIGHTING PLAN WAS PREPARED WITH ASSISTANCE FROM COMPUTER LIGHTING SOLUTIONS, INC. (CLSI) AND THE CLIENT HAS REVIEWED AND APPROVED THE LIGHTING PLAN.
5. BACK SHIELD SHALL BE PROVIDED TO AVOID LIGHT SPILLAGE TO ADJACENT PROPERTY.

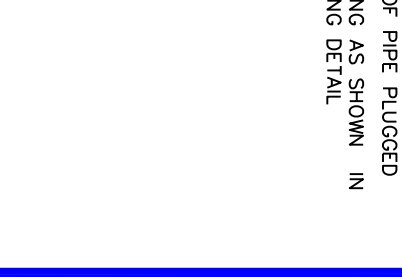
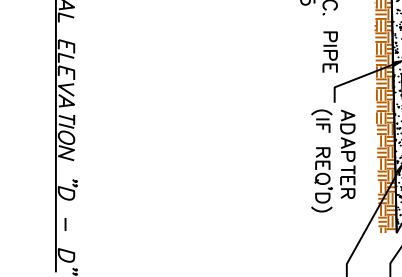
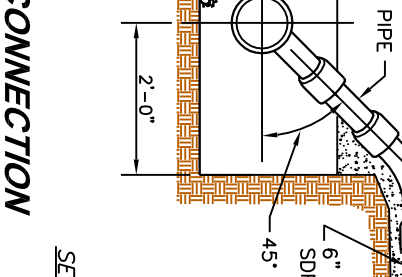
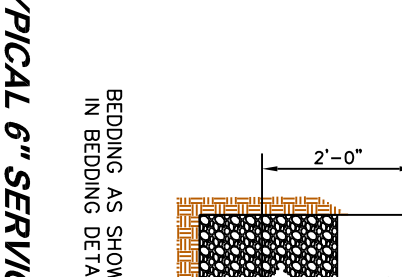
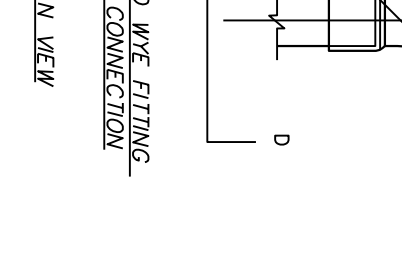
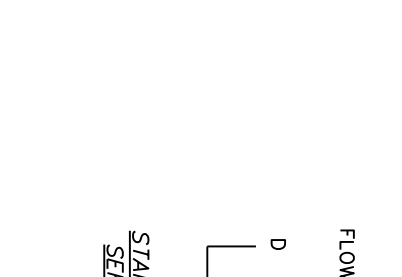
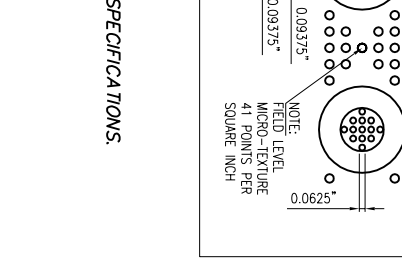
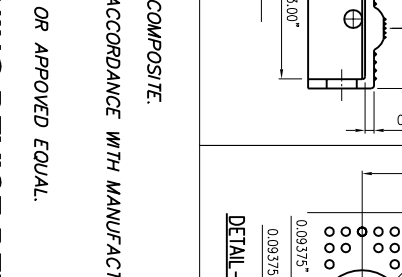
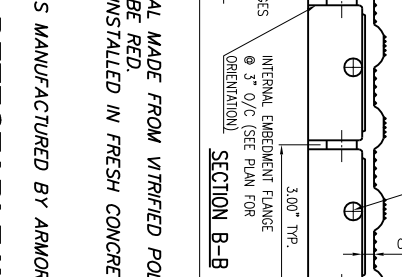
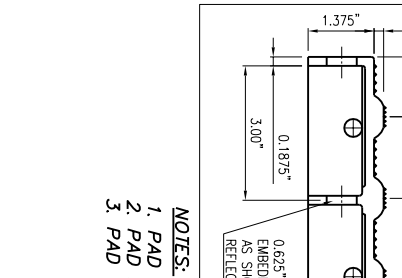
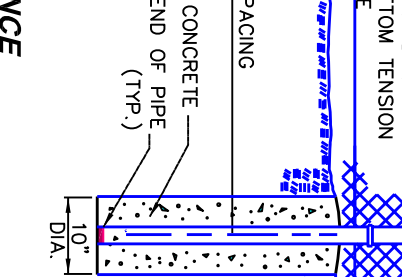
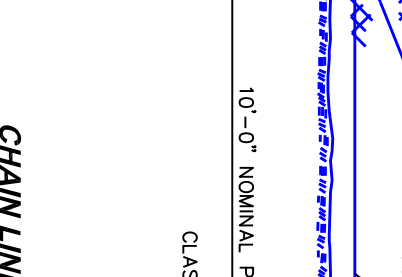
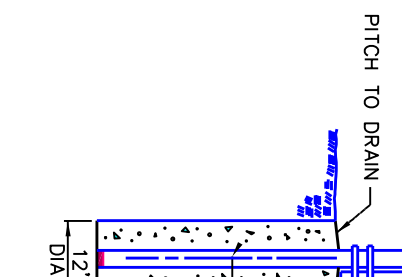
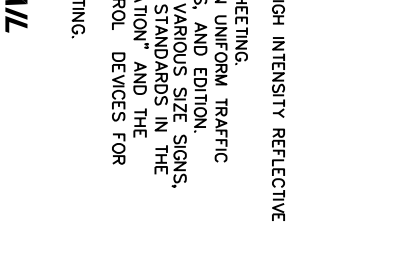
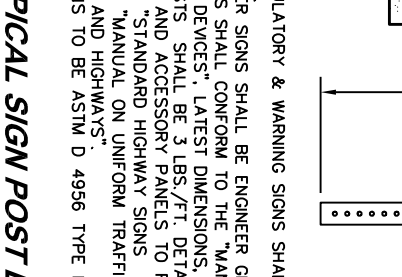
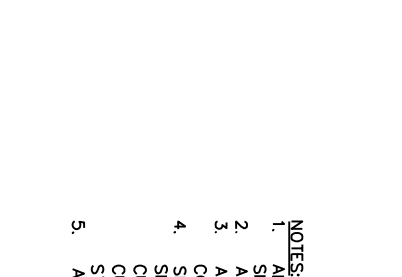
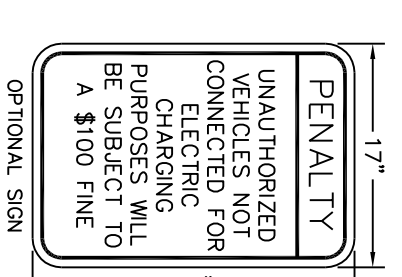
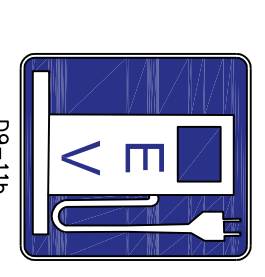
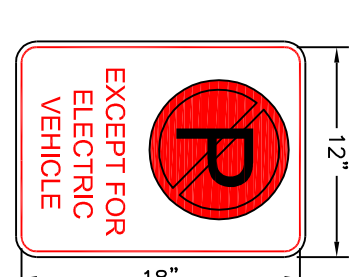
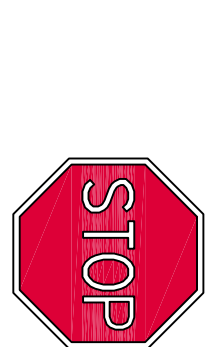
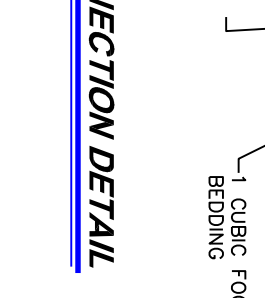
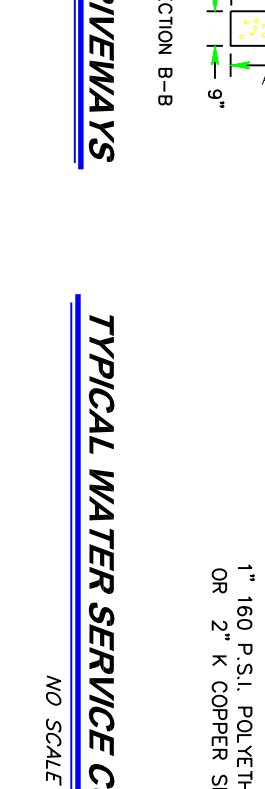
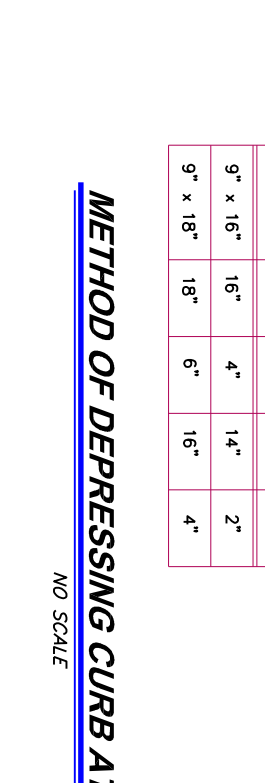
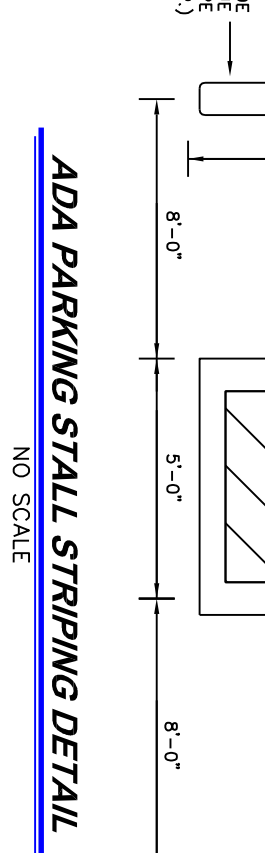
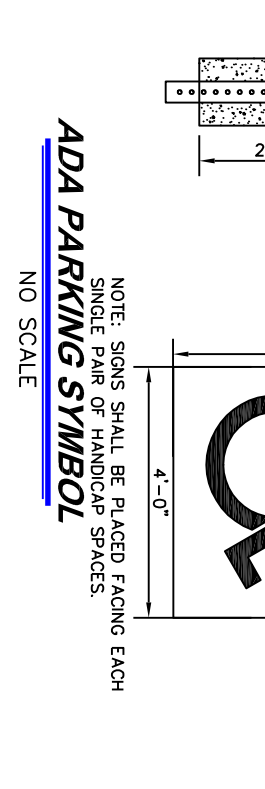
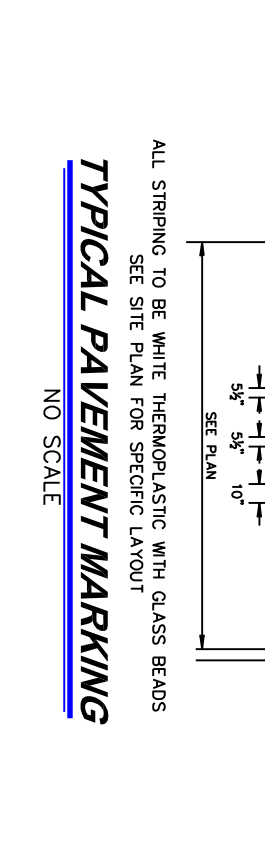
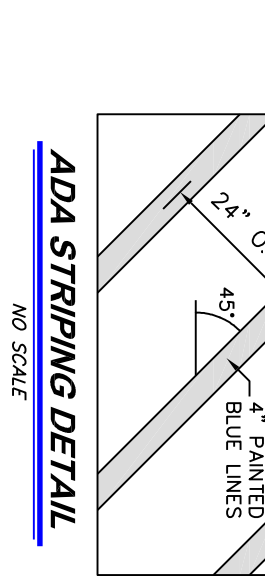
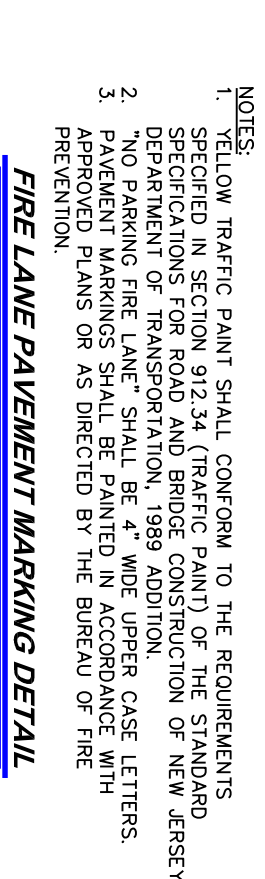
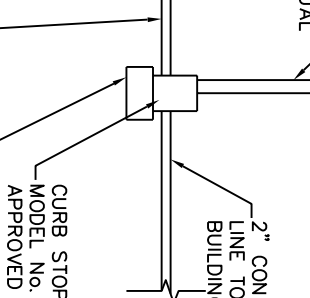
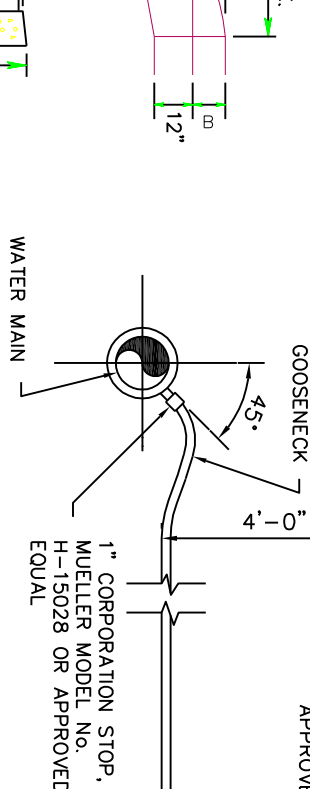
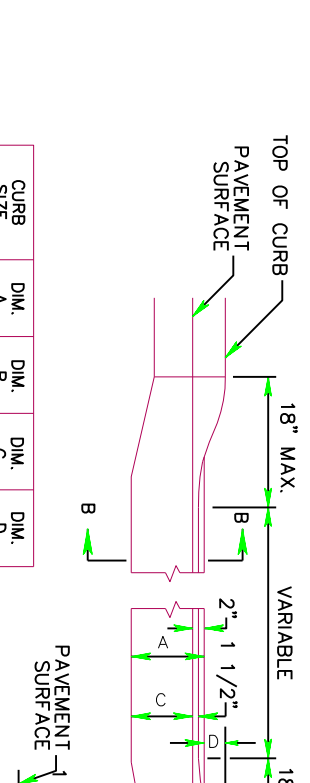
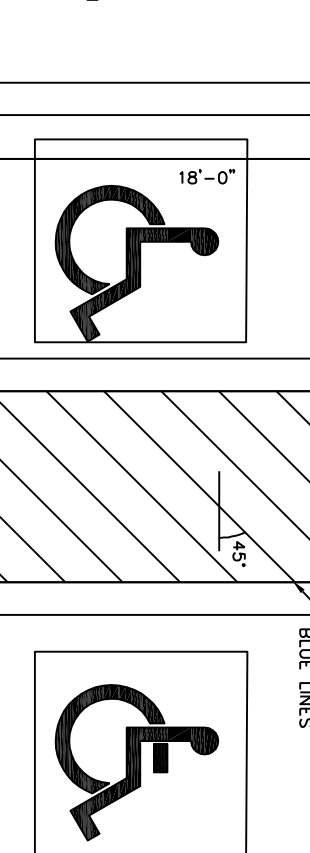
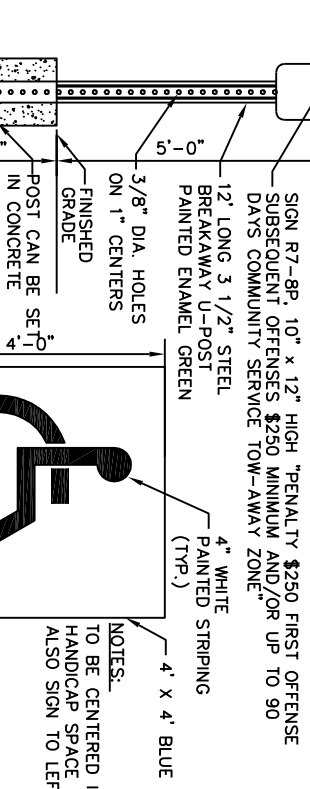
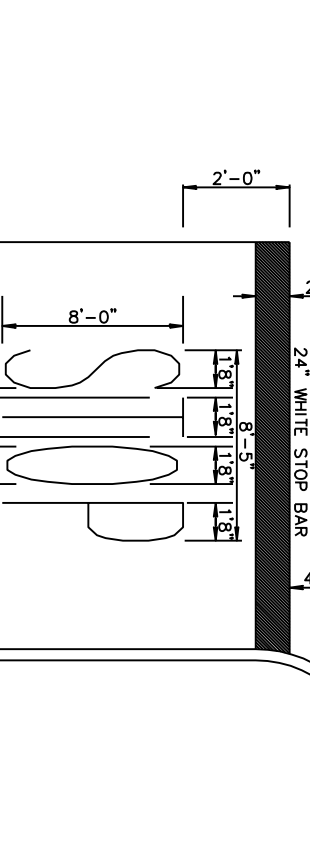
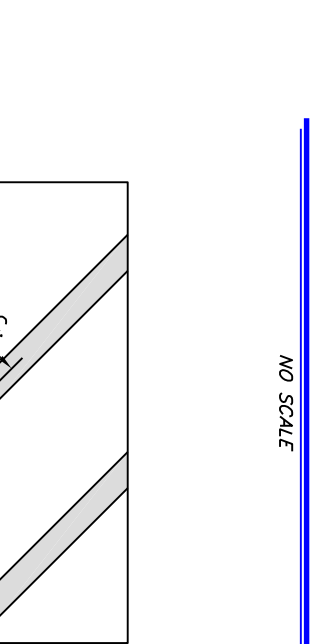
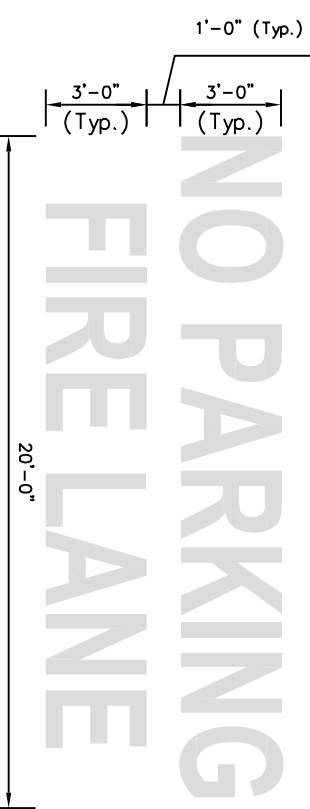
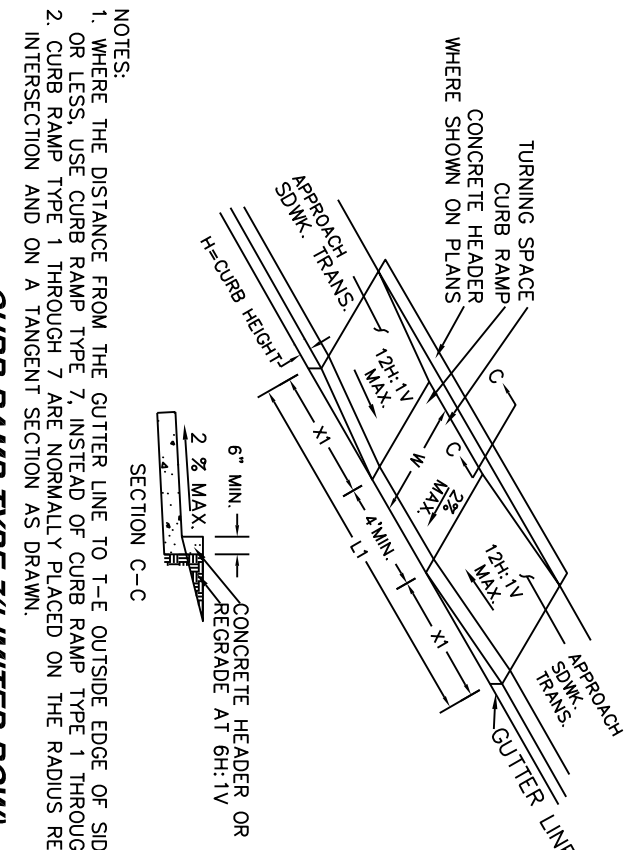
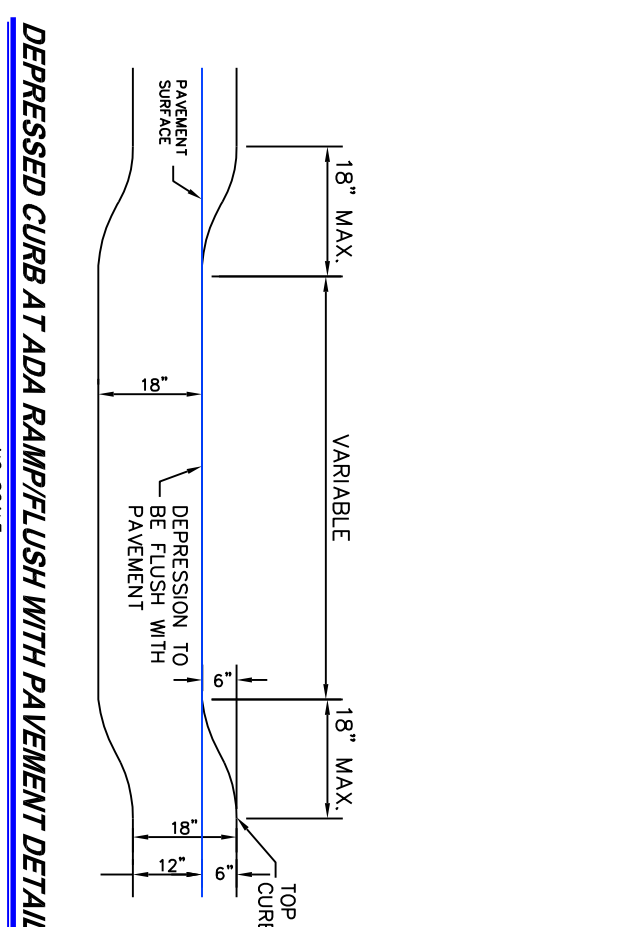
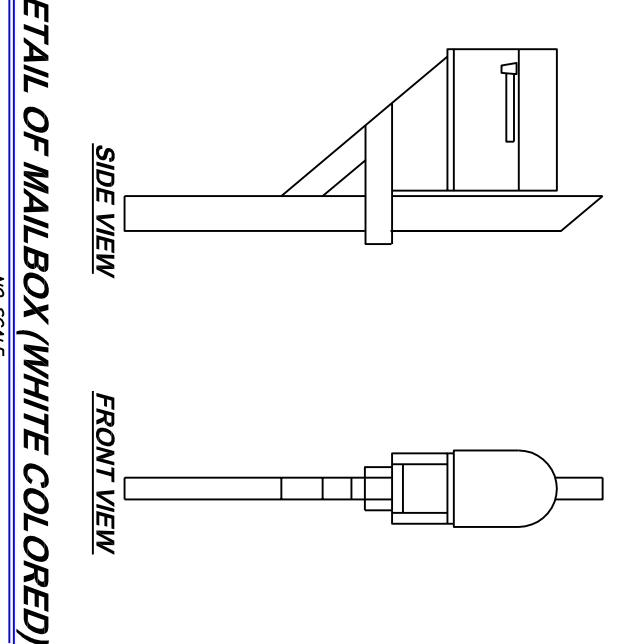
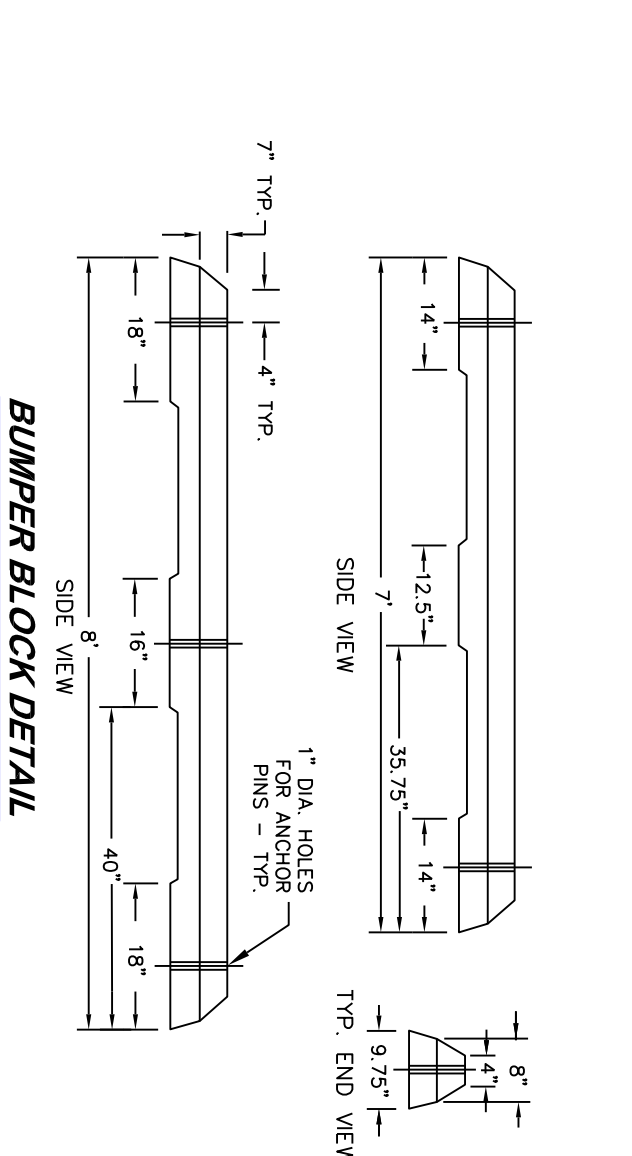
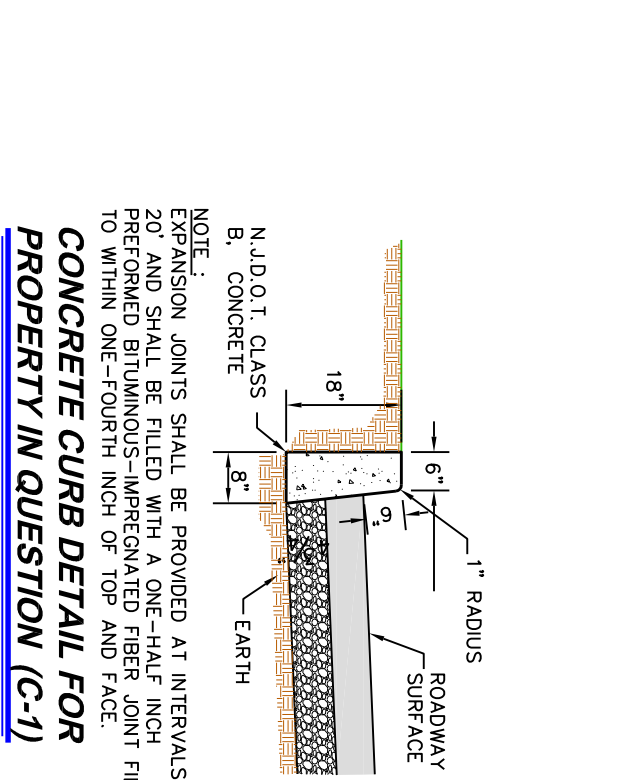
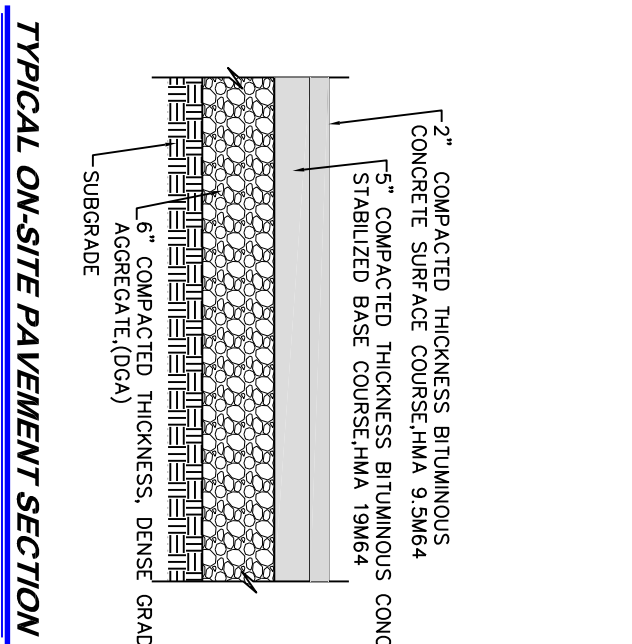
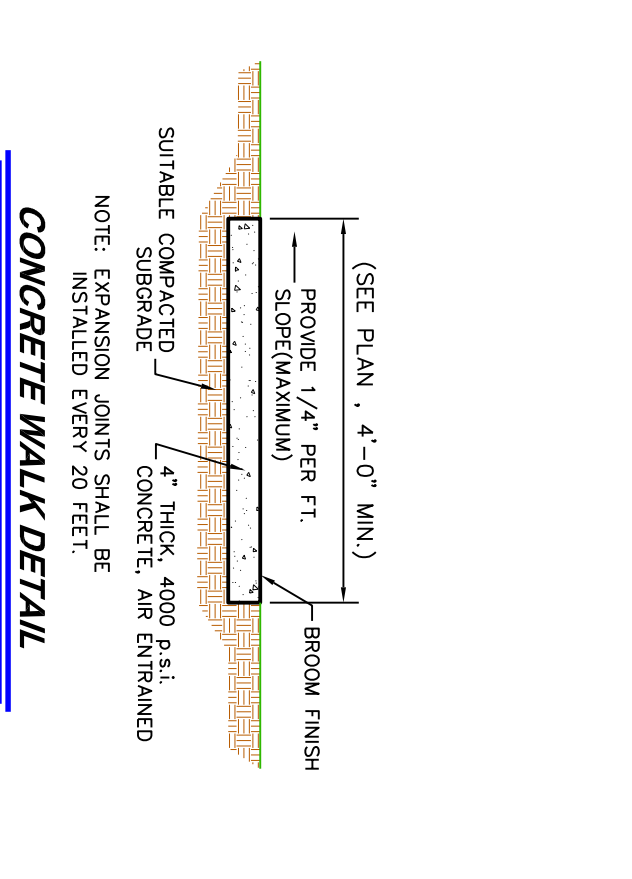
| Calculation Summary      |           |       |     |     |     |
|--------------------------|-----------|-------|-----|-----|-----|
| Legend                   | Calc Type | Units | Avg | Max | Min |
| Area                     | Area      | Sq Ft | 4.0 | 0.0 | N/A |
| Entrance                 | Entrance  | Fe    | 2.1 | 2.6 | 1.0 |
| Perimeter and Drive Lane | Perimeter | Fe    | 1.3 | 3.7 | 0.4 |

| Luminaire Schedule |       |                               |      |           |        |
|--------------------|-------|-------------------------------|------|-----------|--------|
| Symbol             | Label | Description                   | Area | Perimeter | Length |
| A                  | 1     | MORGAN AGRO-SAFE-240U-18T-HSS | 44   | 4234      | 1,000  |
| B                  | 2     | MORGAN AGRO-SAFE-240U-18T-HSS | 33   | 3889      | 1,000  |
| C                  | 3     | MORGAN AGRO-SAFE-240U-18T-HSS | 33   | 3889      | 1,000  |
| D                  | 4     | MORGAN AGRO-SAFE-240U-18T-HSS | 65   | 5637      | 1,000  |

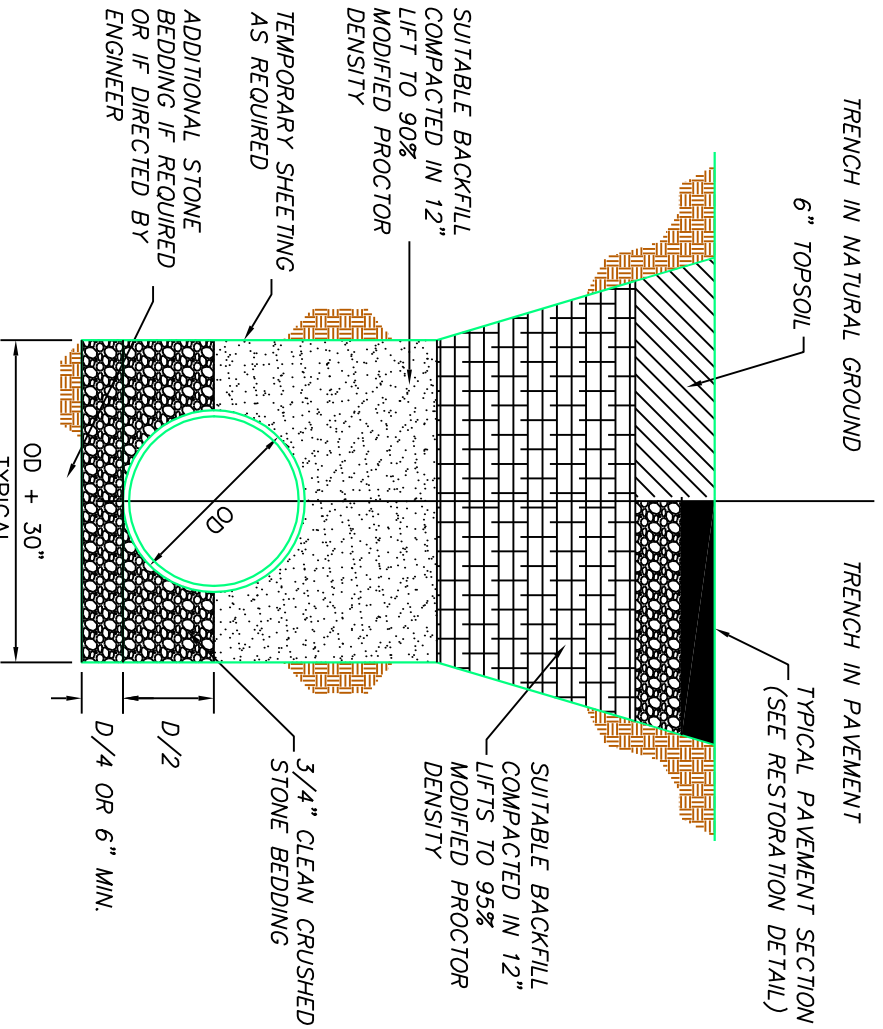


NO SCALE

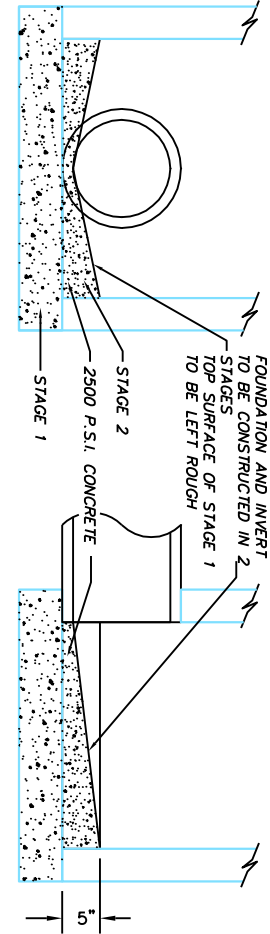




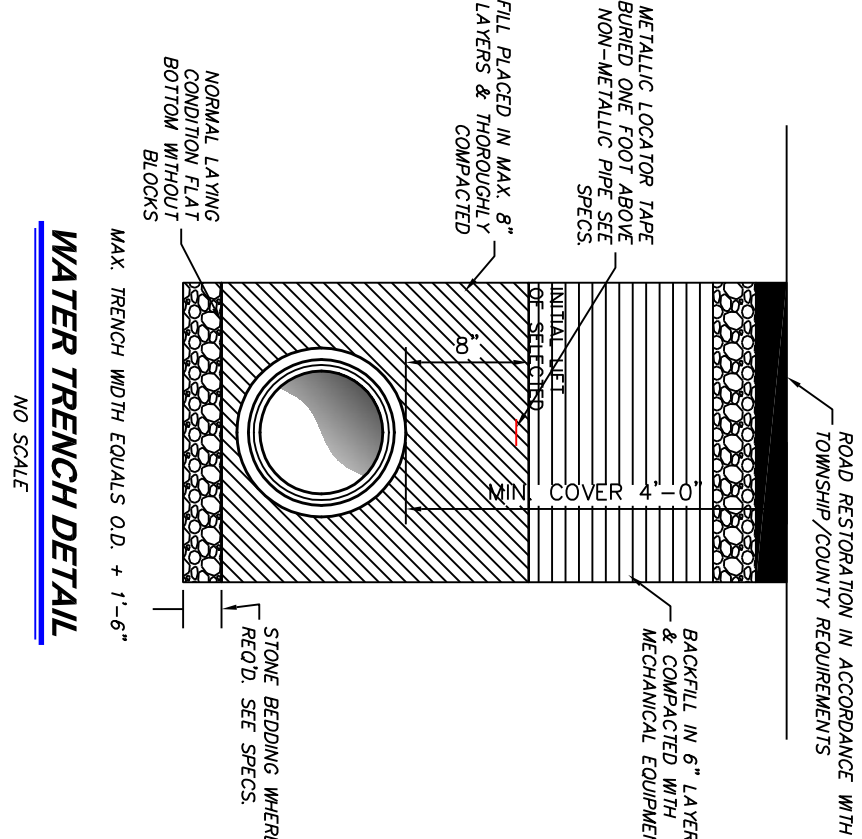




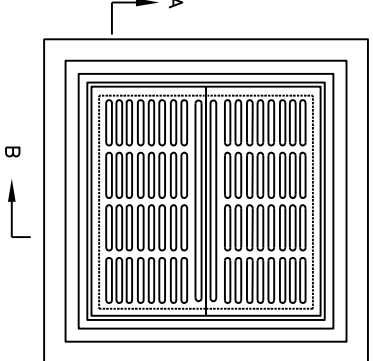
**TYPICAL TRENCH & PIPE BEDDING DETAIL**  
NO SCALE



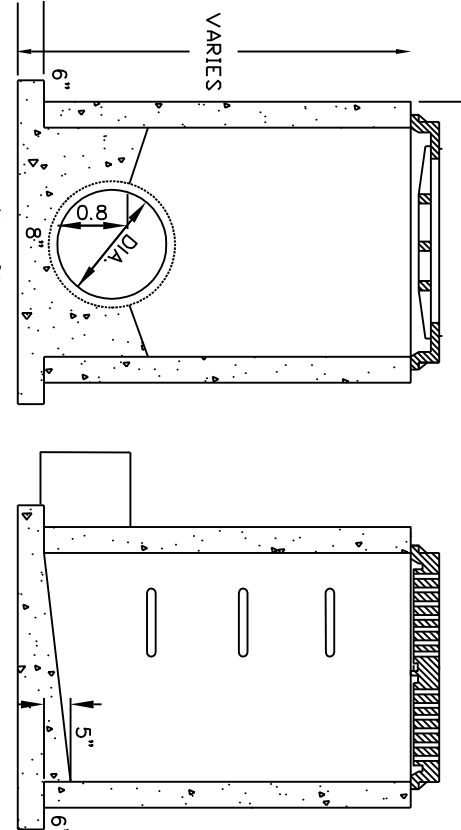
**TYPICAL DETAIL OF MANHOLE CHANNELS**  
NO SCALE



**WATER TRENCH DETAIL**  
NO SCALE

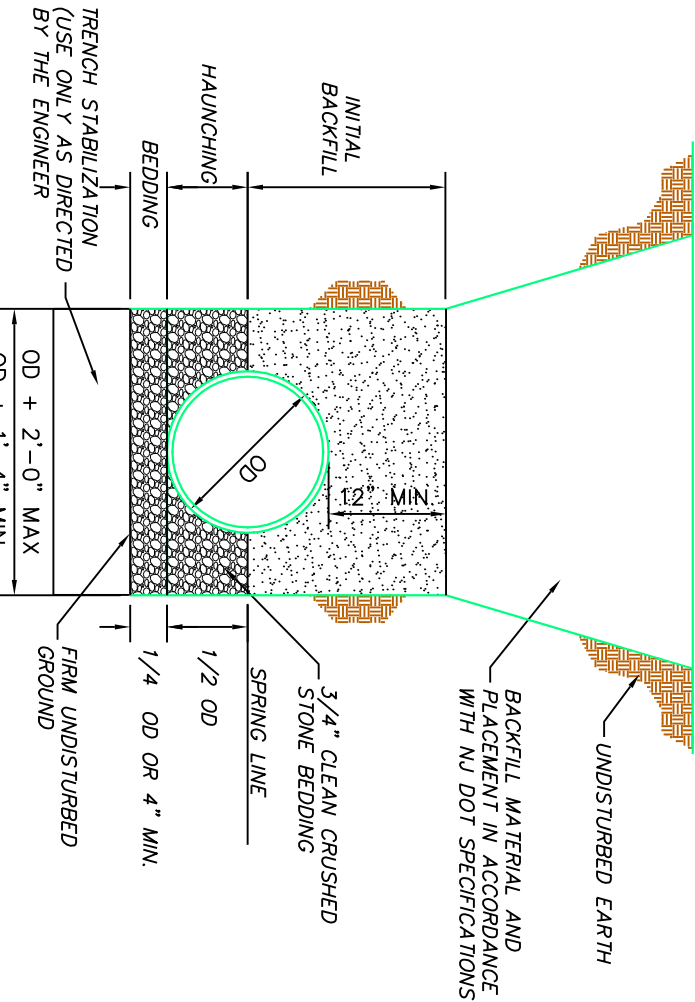


**GENERAL NOTES**

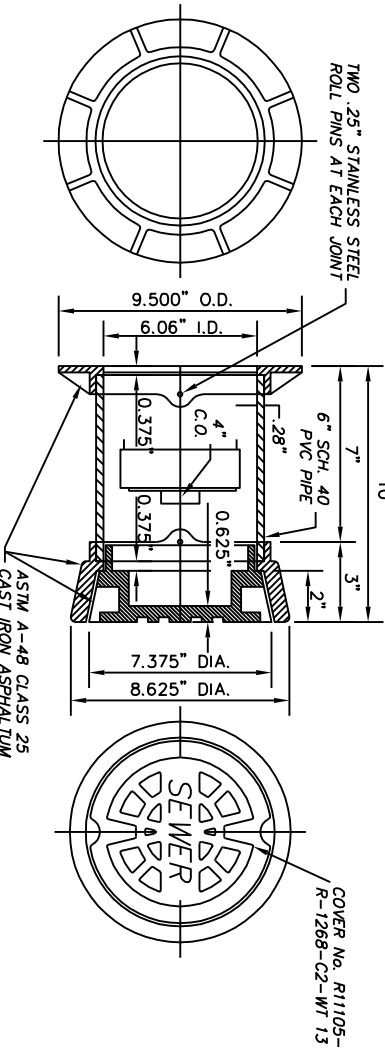


**SECTION A-A THROUGH INVERT DETAIL**

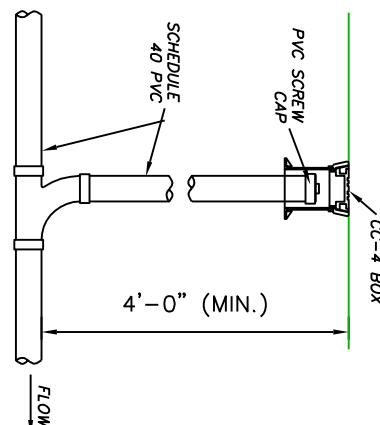
**TYPE 'C' INLET DETAIL**  
NO SCALE



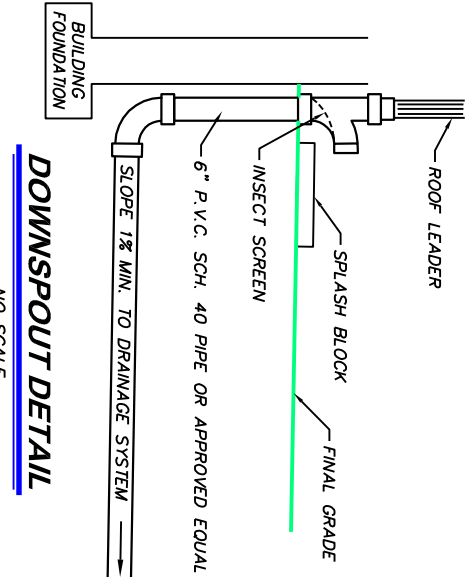
**SDR-35 SANITARY SEWER TRENCH DETAIL**  
NO SCALE



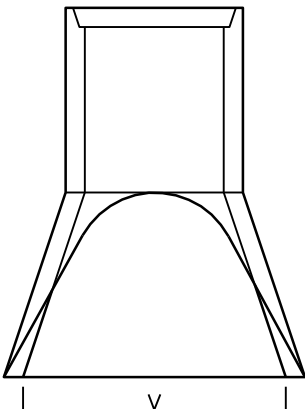
**CLEANOUT BOX & COVER (CC-4)**  
NO SCALE



**SANITARY SEWER LATERAL CLEANOUT**  
NO SCALE



**DOWNSPOUT DETAIL**  
NO SCALE



**CONCRETE FLARED END SECTION DETAIL**  
NO SCALE

| 10.   | 12 | 15    | 18    | 21    | 24 | 27    | 30    | 36 | 42    | 48 | 54    | 60 |
|-------|----|-------|-------|-------|----|-------|-------|----|-------|----|-------|----|
| A     | 5  | 7 1/2 | 9     | 10    | 12 | 15    | 18    | 21 | 24    | 27 | 30    | 36 |
| R     | 5  | 2 1/4 | 2 1/2 | 2 3/4 | 3  | 3 1/4 | 3 1/2 | 4  | 4 1/2 | 5  | 5 1/2 | 6  |
| S     | 24 | 24    | 24    | 24    | 24 | 24    | 24    | 24 | 24    | 24 | 24    | 24 |
| S     | 24 | 24    | 24    | 24    | 24 | 24    | 24    | 24 | 24    | 24 | 24    | 24 |
| (FEE) | 4  | 4     | 4     | 4     | 4  | 4     | 4     | 4  | 4     | 4  | 4     | 4  |
| V     | 24 | 24    | 34    | 40    | 48 | 54    | 60    | 72 | 78    | 84 | 90    | 96 |