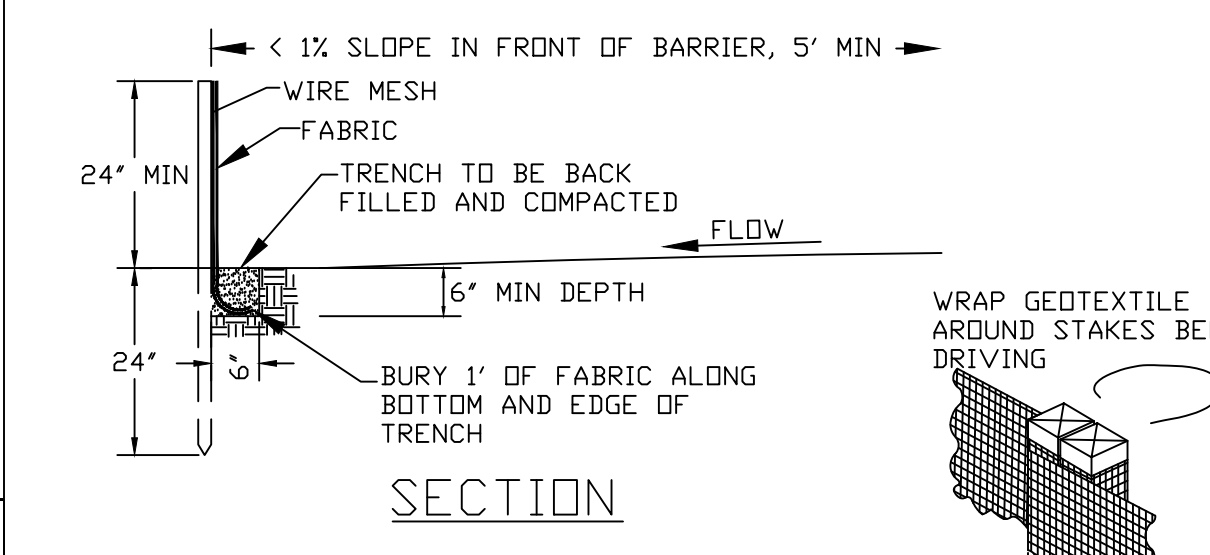
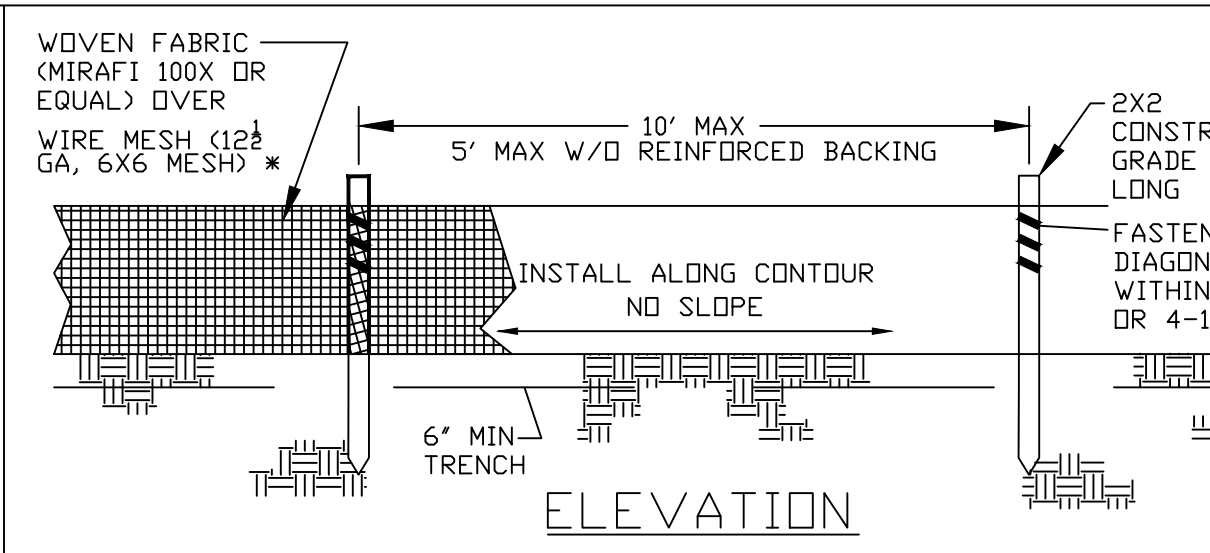


- DESIGN CRITERIA**
- SILT FENCE FOR SHEET FLOW SHALL HAVE A MAXIMUM DRAINAGE AREA OF 1/4 ACRE PER 100 LF.
  - STRAW BALE BARRIERS FOR SHEET FLOW SHALL HAVE A MAXIMUM DRAINAGE AREA OF 1/4 ACRE PER 100 LF.
  - REFER TO INDIVIDUAL ESC FIGURE FOR INSTALLATION.
  - TERRACING INCLUDES LOGS, WATTLES & FILTER SOCKS.

CITY OF O'FALLON  
ENGINEERING DEPARTMENT  
O'FALLON, MISSOURI

**SPACING CHART  
FOR ESC DEVICES**



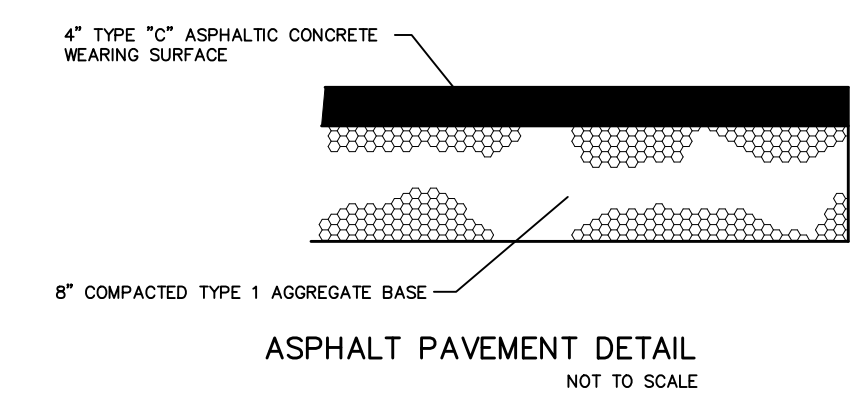
JOINING SECTIONS OF  
SILT FENCE

- CRITERIA**
- SILT FENCE SHALL BE 24 INCHES HIGH.
  - SILT FENCE SHALL NOT BE USED FOR CONCENTRATED FLOWS.
  - GEOSYNTHETIC REINFORCED SILT FENCE BACKING MAY BE USED IN LIEU OF WIRE MESH.
  - WIRE MESH WILL BE USED AT LOCATIONS SHOWN ON THE APPROVED SWPPP.

NOTE: IF FABRIC IS INSTALLED BY EQUIPMENT DESIGNED TO SLICE INTO THE GROUND, THE TRENCH IS NOT REQ'D.

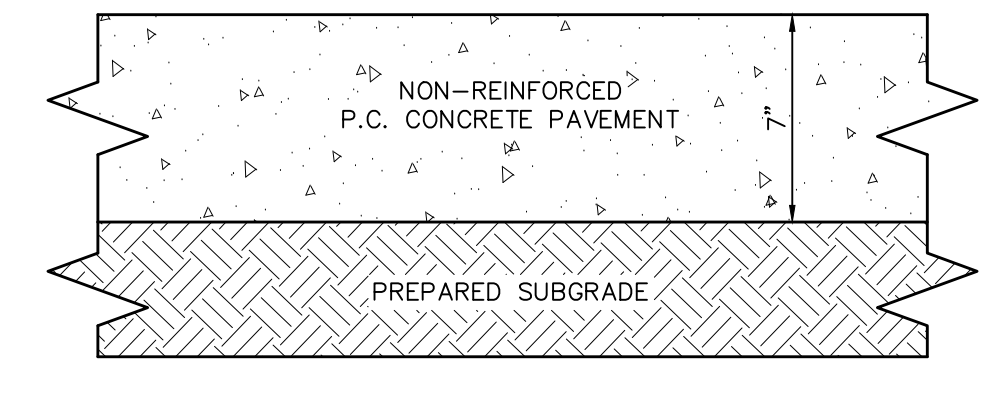
CITY OF O'FALLON  
ENGINEERING DEPARTMENT  
O'FALLON, MISSOURI

**SILT FENCE INSTALLATION  
SHEET FLOW (ONLY)**

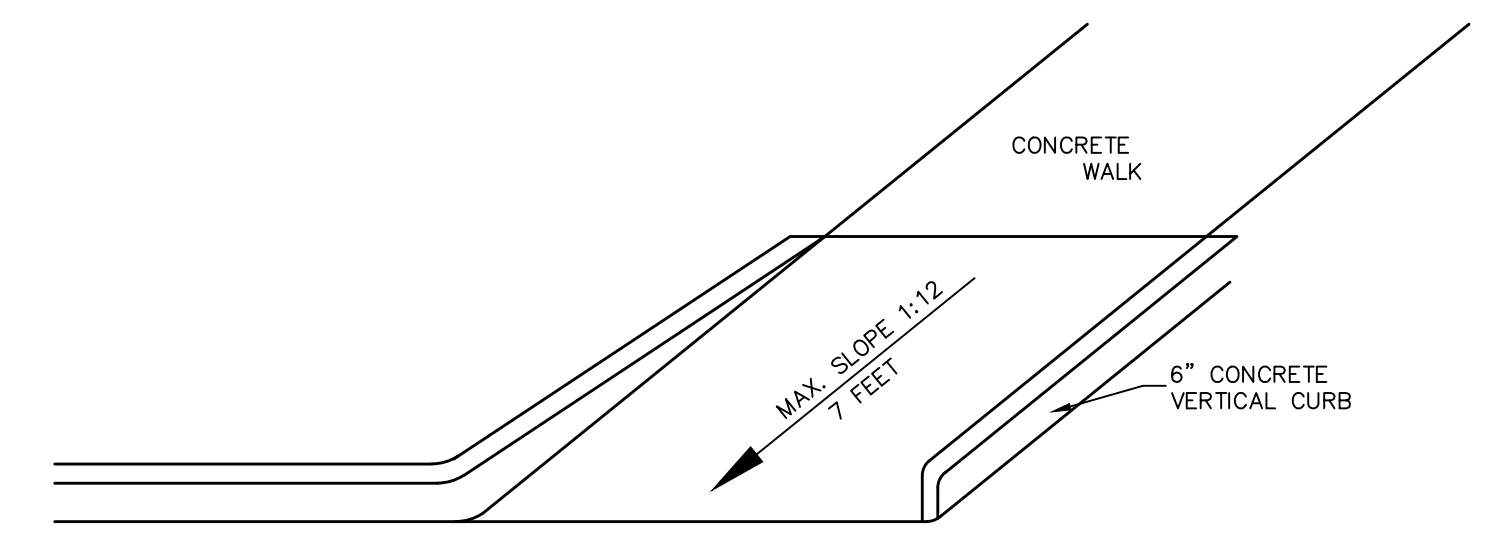


ASPHALT PAVEMENT DETAIL  
NOT TO SCALE

THE ASPHALT SURFACE SHALL BE COMPACTED TO 98% MAXIMUM DENSITY.  
ALL GRANULAR ROLLED STONE BASE UNDER PROPOSED PAVEMENT MUST BE COMPACTED TO 100% OF THE MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T-99.

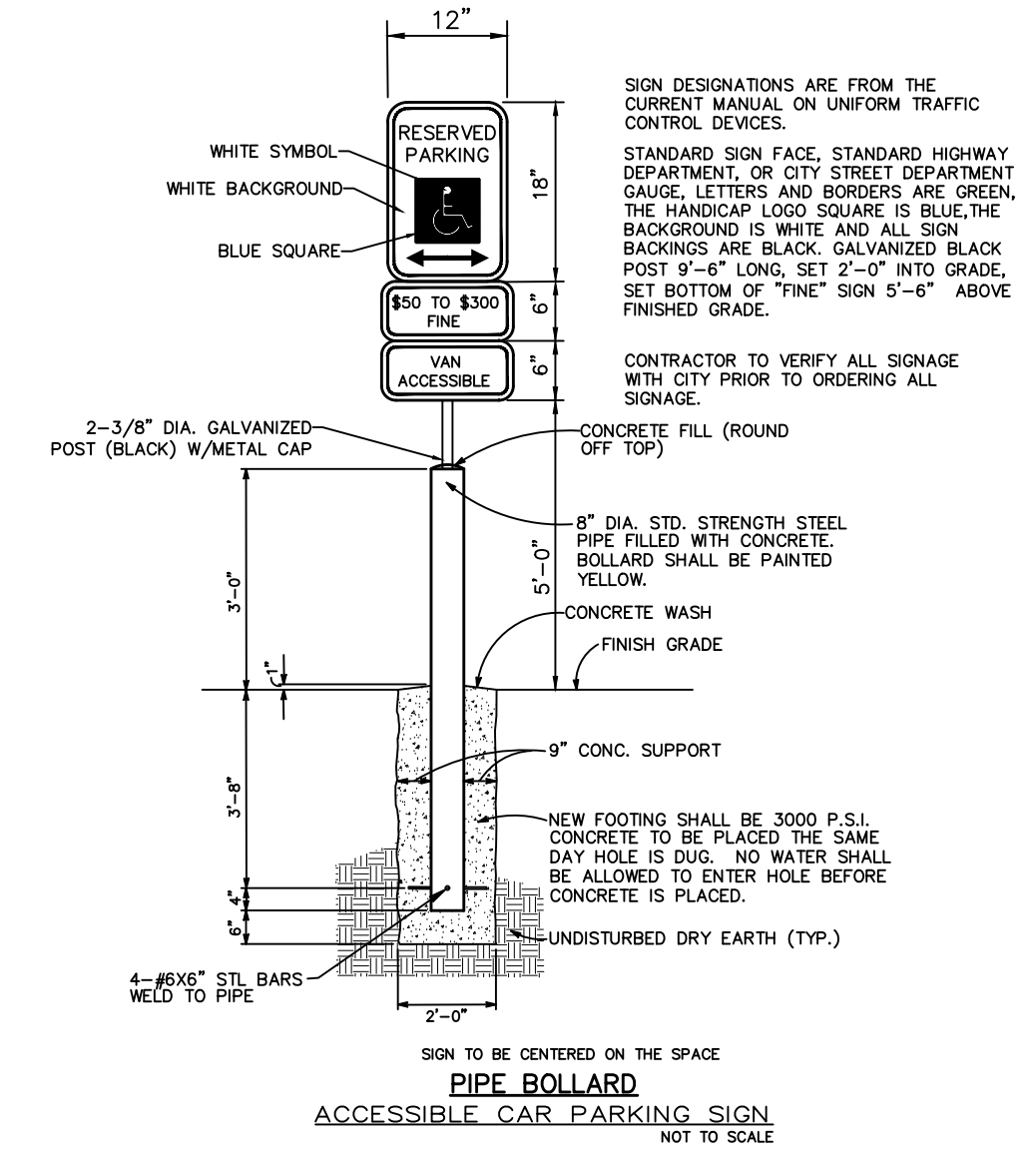


CONCRETE PAVEMENT DETAIL  
NOT TO SCALE

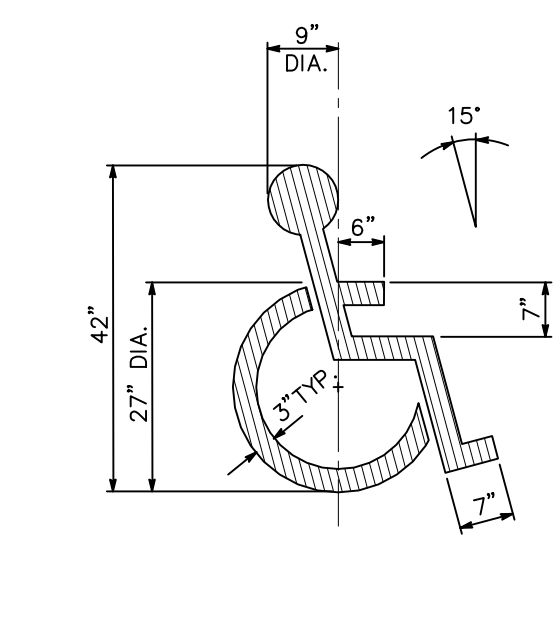


HANDICAPPED RAMP DETAIL  
NOT TO SCALE

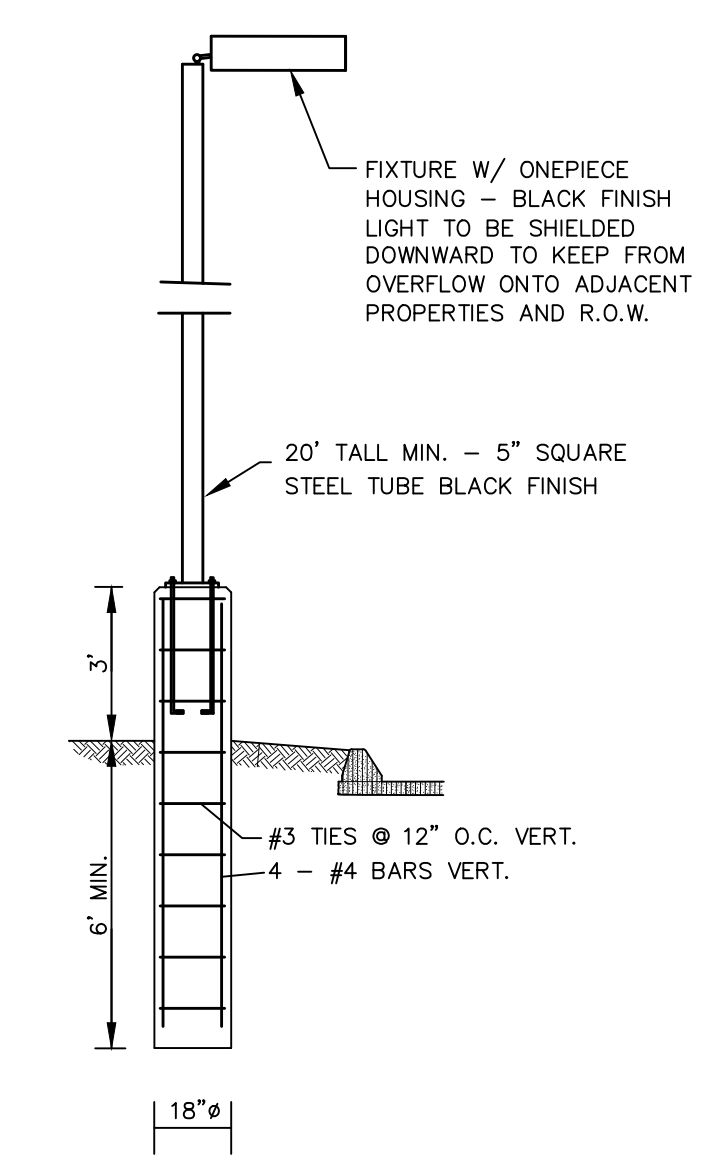
PER RN #19  
All traffic signals, street signs, sign post, backs and bracket arms shall be painted black using Carboline Rust Bond Penetrating Sealer SG and Carboline 133 HB point (or equivalent as approved by City of O'Fallon and MoDOT).



PIPE BOLLARD  
ACCESSIBLE CAR PARKING SIGN  
NOT TO SCALE



PAINTED HANDICAPPED  
PARKING SYMBOL  
NOT TO SCALE

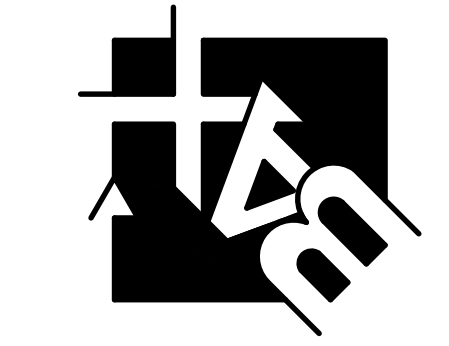


LIGHT POLE & BASE  
NOT TO SCALE

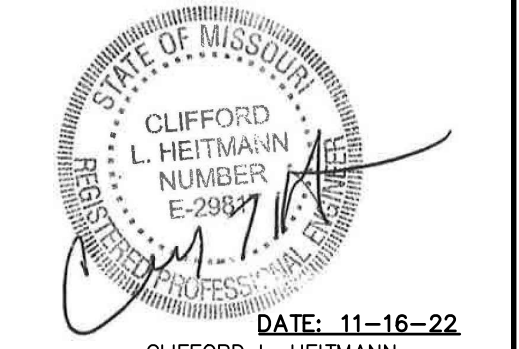
SEE PHOTOMETRIC PLAN AND LIGHTING CUT SHEETS FOR MORE DETAILS

**PROJECT TITLE:**  
HUBLER AUTO PLAZA  
DISPLAY AREA ADDITION  
9084 VETERANS MEMORIAL  
O'FALLON, MO. 63366

ENGINEERING  
PLANNING  
SURVEYING  
221 Point View Blvd.  
St. Charles, MO 63301  
636-928-5562  
FAX 928-1718



DISCLAIMER OF RESPONSIBILITY  
I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.



DATE: 11-16-22  
CLIFFORD L. HEITMANN  
CIVIL ENGINEER  
E29817  
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Authority No. 000655  
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**REVISIONS**

NO.	DATE	DESCRIPTION
8-1-22	city comments	

**Developer / Owner:**  
RJH2 ENTERPRISES  
661 KILLARY DOWN  
WELDON SPRING, MISSOURI 63304  
636-849-1010

**P+Z No.** #21-011773  
**Approval Date:** 3-3-22  
**City No.** #

**Page No.**  
6 of 6

**CONSTRUCTION DETAILS**

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE LOCATED PRIOR TO ANY GRADING OR CONSTRUCTION OF THE IMPROVEMENTS.