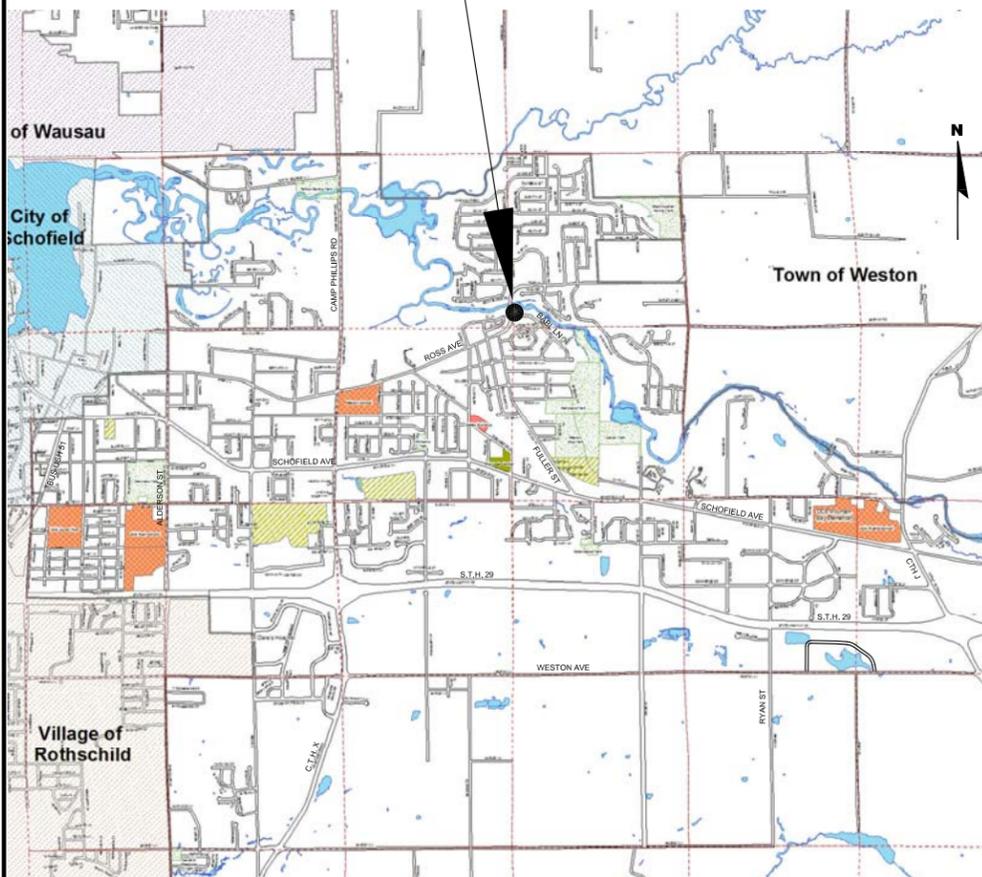


# 2015 VILLAGE OF WESTON BABL LANE CANOE/KAYAK LANDING PROJECT

## PROJECT LOCATION



## OWNER:

VILLAGE OF WESTON  
 BARB ERMELING, PRESIDENT  
 5500 SCHOFIELD AVENUE  
 WESTON, WISCONSIN 54476  
 PHONE: (715) 359-6114

## ENGINEER:

CWE, INC.  
 5707 SCHOFIELD AVENUE  
 WESTON, WISCONSIN 54476  
 PHONE: (715) 359-9400

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TOTAL NUMBER OF SHEETS = 9

\_\_\_\_\_  
 JAY R. KNOKE, P.E.



5707 SCHOFIELD AVENUE WESTON, WI 54476  
 PHONE: (715) 359-9400 - FAX: (715) 355-4199  
 www.cwengineers.com

VILLAGE OF WESTON

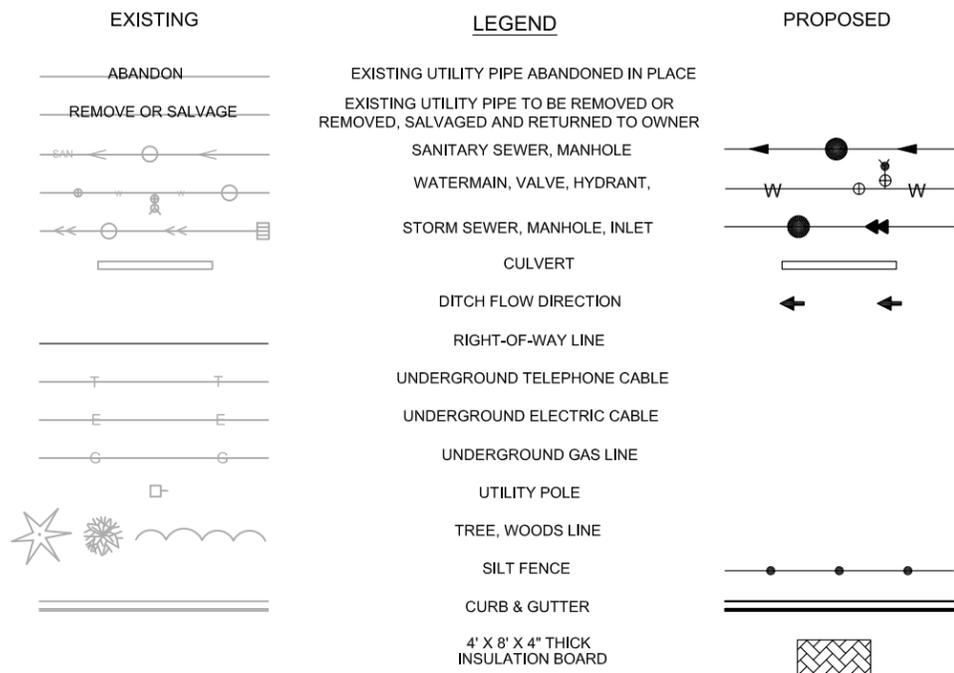
BABL LANE CANOE/KAYAK LANDING

TITLE SHEET

SHEET 1

**GENERAL NOTES**

- 1- NO TREES (AND/OR SHRUBS) SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.
- 2- ALL EXISTING UTILITIES ARE SHOWN BASED ON FIELD DATA AND INFORMATION RECEIVED FROM THE RESPECTIVE UTILITY. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE FOR RESOLVING ALL UTILITY CONFLICTS.
- 3- ALL EXISTING PAVEMENT TO BE SAWCUT PRIOR TO REPLACEMENT.
- 4- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MEASURES TAKEN TO PREVENT SOIL FROM LEAVING THE PROJECT SITE, PER WDNR BEST MANAGEMENT PRACTICES. EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO CONSTRUCTION. EROSION CONTROL DEVICES SHOWN ON THE PLAN ARE FOR GUIDANCE AND MAY NEED TO BE REVISED IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN-UP OF SEDIMENTATION DUE TO THE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL EROSION CONTROL DEVICES AFTER CONSTRUCTION AND WITH APPROVAL OF THE ENGINEER.
- 5- CONTRACTOR SHALL DEVELOP AND PROVIDE A TRAFFIC CONTROL PLAN FOR CONSTRUCTION OPERATIONS. PLAN SHALL BE REVIEWED AND APPROVED BY ENGINEER PRIOR TO CONSTRUCTION. ACCESS FOR LOCAL RESIDENTS, BUSINESSES, AND EMERGENCY VEHICLES MUST BE PROVIDED AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL DEVICES. CONTRACTOR SHALL MAINTAIN AND KEEP TRAFFIC CONTROL DEVICES IN GOOD WORKING CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.



**MAPPING & UTILITIES**

THE BASE MAPPING AND UTILITIES SHOWN ON THIS PLAN, ARE IN PART, COMPILED FROM INFORMATION FURNISHED BY OTHERS. CWE, INC. WILL NOT BE RESPONSIBLE FOR ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT. ALL UTILITIES SHALL BE FIELD LOCATED PRIOR TO EXCAVATION.

**HORIZONTAL CONTROL**

THE HORIZONTAL CONTROL FOR THIS SURVEY IS TIED TO THE MARATHON COUNTY COORDINATE SYSTEM.

**UTILITIES**

WESTON UTILITIES AND VILLAGE OF WESTON  
5500 SCHOFIELD AVENUE  
WESTON, WI. 54476  
PHONE: (715) 241-2636  
MICHAEL WODALSKI  
mwodalSKI@westonwisconsin.org

FRONTIER COMMUNICATIONS  
521 4TH STREET  
WAUSAU, WI. 54403  
CALVIN KLADE (LOCAL FIELD SUPERVISOR)  
PHONE: (715) 847-1525  
calvin.klade@ftr.com

CHARTER COMMUNICATIONS  
853 MCINTOSH STREET  
WAUSAU, WI. 54403  
PHONE: (715) 301-4075  
CELL: (715) 302-1348  
SCOTT OLSON  
scott.olson@chartercom.com

WISCONSIN PUBLIC SERVICE  
P.O. BOX 1166  
WAUSAU, WI. 54402-1166  
PHONE: (715) 848-7471  
MICHAEL BOSI  
REGIONAL ENGINEER (NATURAL GAS)  
mbosi@wpsr.com

WISCONSIN PUBLIC SERVICE  
P.O. BOX 1166  
WAUSAU, WI. 54402-1166  
PHONE: (715) 848-7317  
CLAY VIRCKS  
REGIONAL ENGINEER (ELECTRIC)  
cvircks@wpsr.com



**KEY NOTES**

- ① STEEL POSTS SHALL BE A STUDDED "TEE" OR "U" TYPE WITH A MINIMUM WEIGHT OF 1.28 LBS/LINEAL FOOT (WITHOUT ANCHOR). FIN ANCHORS SUFFICIENT TO RESIST POST MOVEMENT ARE REQUIRED. WOOD POSTS SHALL BE A MINIMUM SIZE OF 4" DIA. OR 1 1/2" X 3 1/2" EXCEPT WOOD POSTS FOR GEOTEXTILE FABRIC REINFORCED WITH NETTING SHALL BE MINIMUM SIZE OF 1 1/8" X 1 1/8" OAK OR HICKORY.
- ② MINIMUM 14 GAGE WIRE REQUIRED, FOLD FABRIC 3" OVER THE WIRE AND STAPLE OR PLACE WIRE RINGS ON 12" C-C.
- ③ GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLYPROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF 3/4" OR EQUAL. A HEAVY DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED.
- ④ WIRE SUPPORT FENCE SHALL BE 14 GAGE MINIMUM WOVEN WIRE WITH A MAXIMUM MESH SPACING OF 6". SECURE TOP OF GEOTEXTILE FABRIC TO TOP OF FENCE WITH STAPLES OR WIRE RINGS AT 12" C-C.
- ⑤ LENGTH NOT LESS THAN THE CIRCUMFERENCE OF THE LARGEST TIRE ON THE CONSTRUCTION EQUIPMENT, PLUS 5 FEET.

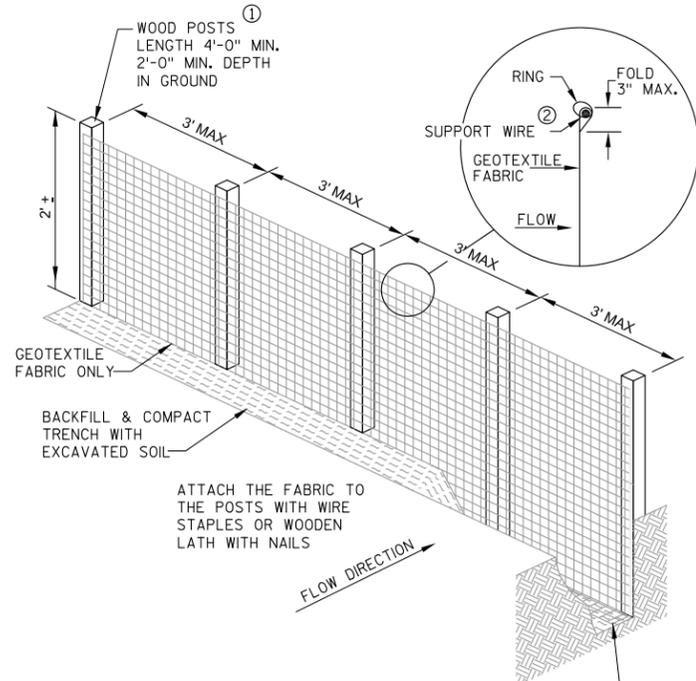
**GENERAL NOTES**

1. DETAIL OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STARDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
2. WHEN POSSIBLE THE SILT FENCE SHOULD BE CONSTRUCTED IN AN ARC OR HOUSESHOE SHAPE, WITH THE ENDS POINTING UPSLOPE TO MAXIMIZE BOTH STRENGTH AND EFFECTIVENESS.

ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOIL CONDITIONS.

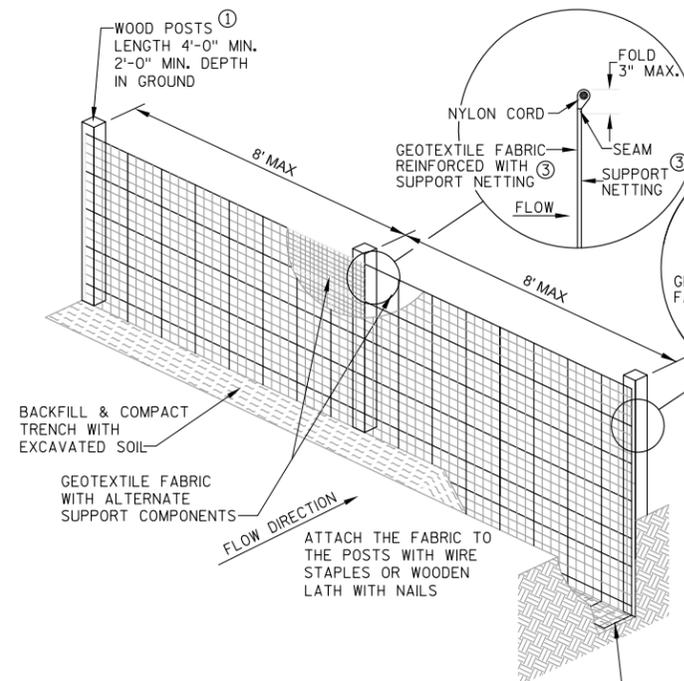
ALTERNATES "A" & "B" ARE EQUAL AND EITHER MAY BE USED.

ATTACH THE FABRIC TO THE POSTS WITH WIRE STAPLES OR WOODEN LATH AND NAILS.



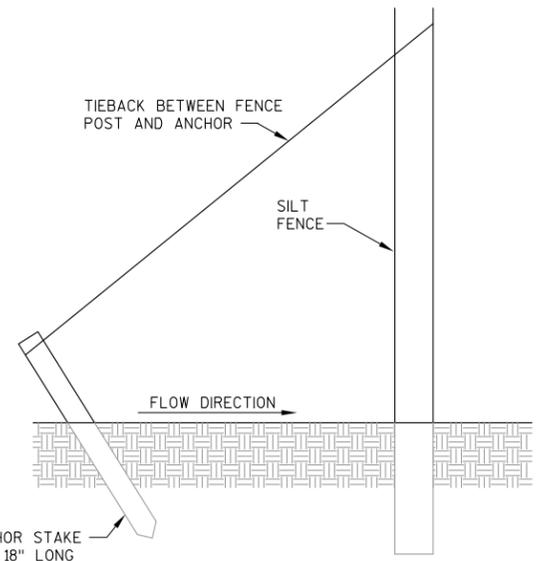
EXCAVATE A TRENCH A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL

**SILT FENCE ALTERNATE "A"**



EXCAVATE A TRENCH A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL

**SILT FENCE ALTERNATE "B"**



**SILT FENCE TIE BACK**  
(WHEN REQUIRED BY THE ENGINEER)

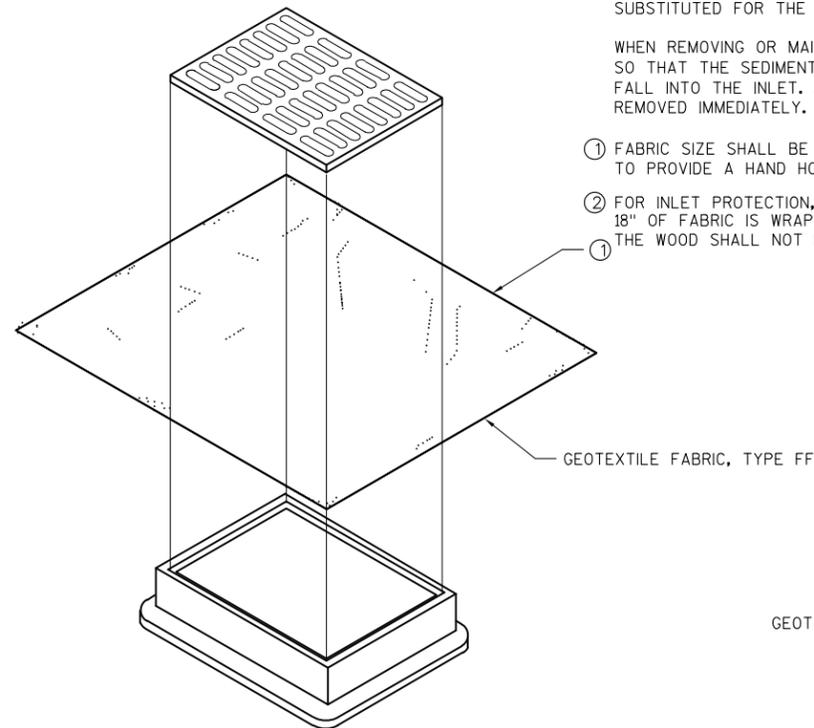
**GENERAL NOTES:**

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED FOR THE INLET PROTECTION TYPE SPECIFIED.

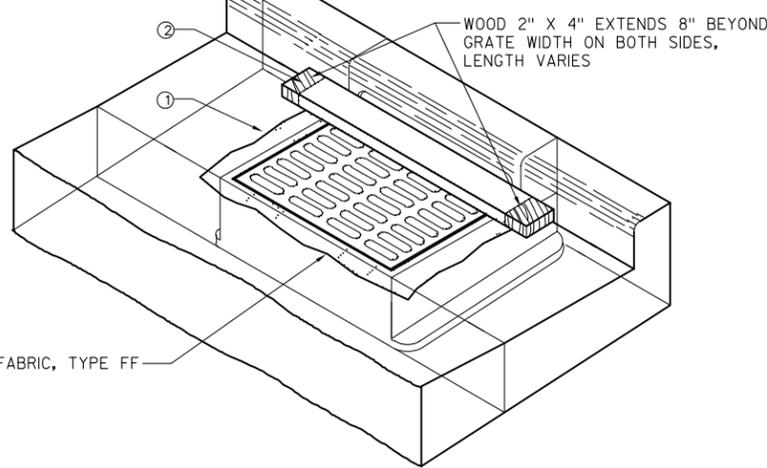
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- ① FABRIC SIZE SHALL BE 8" (MIN) GREATER ON ALL SIDES OF THE INLET COVER TO PROVIDE A HAND HOLD WHEN MAINTENANCE OR REMOVAL IS REQUIRED.
- ② FOR INLET PROTECTION, TYPE C, WITH A CURB BOX, AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX.

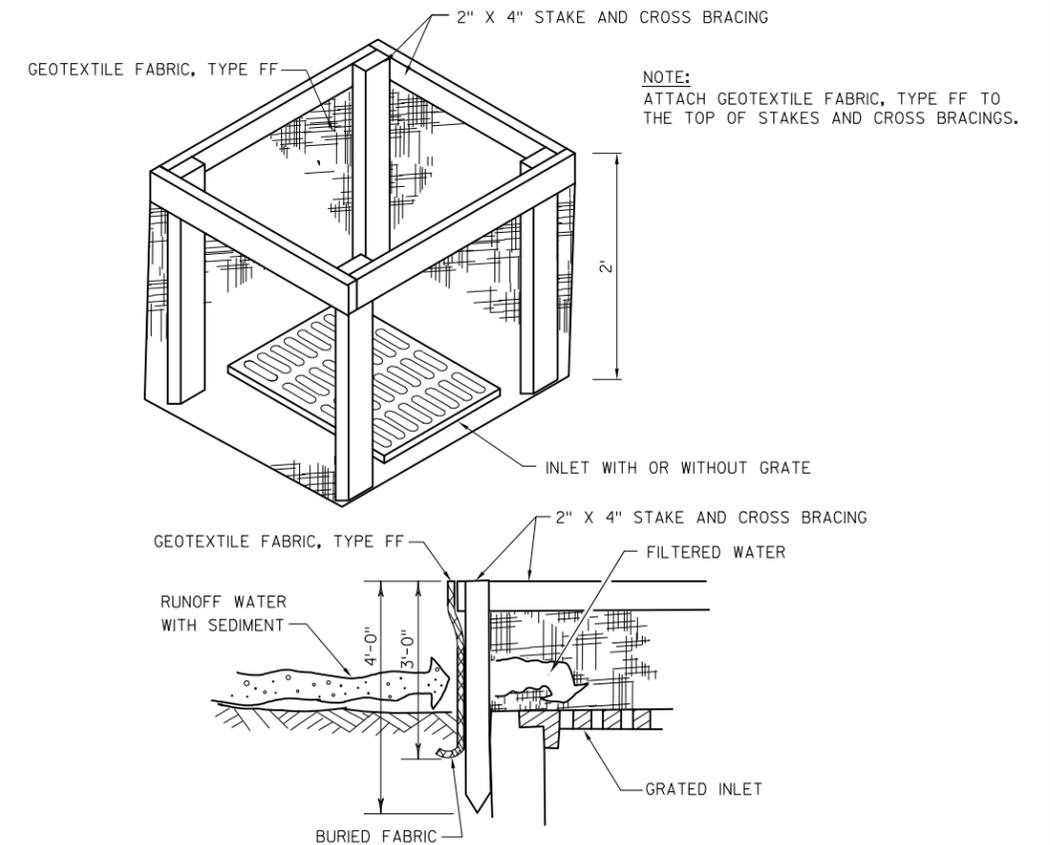
① SILT FENCE  
C301 NOT TO SCALE



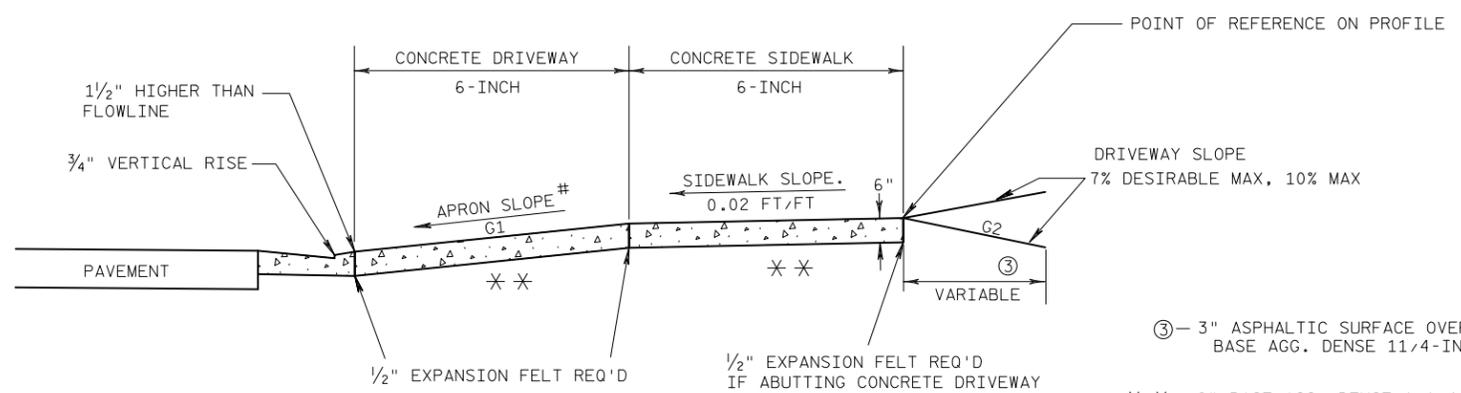
**INLET PROTECTION, TYPE B (WITHOUT CURB BOX)**  
(CAN BE INSTALLED ON ANY INLET TYPE)



**INLET PROTECTION, TYPE C (WITH CURB BOX)**



**INLET PROTECTION, TYPE A**



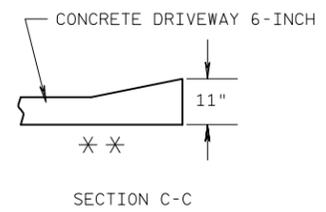
TYPICAL SIDEWALK SECTION

③ - 3" ASPHALTIC SURFACE OVER 8" BASE AGG. DENSE 1 1/4-INCH

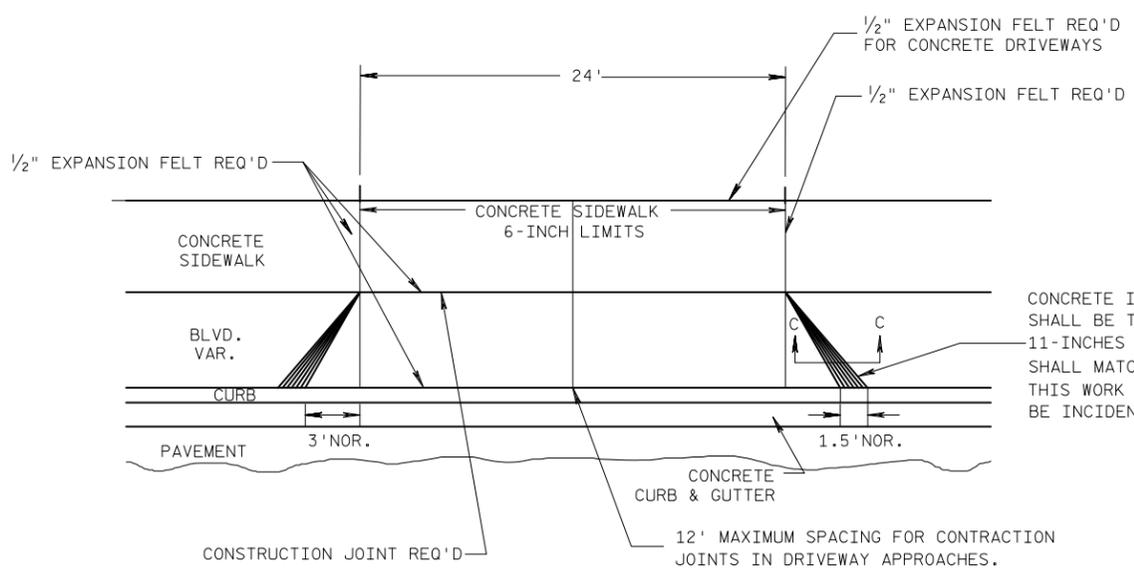
\* \* = 6" BASE AGG. DENSE 1 1/4-INCH REQ'D UNDER CONCRETE DRIVEWAY

TERRACE WIDTH	APRON SLOPE (G1)		
	MIN %	DESIRABLE %	MAX %
3 FT	7.0	8.5	9.0
4 FT	5.0	7.0	9.0
5 FT	4.0	7.0	9.0
6 FT	4.0	7.0	9.0
7 FT	3.5	7.0	9.0
8 FT	3.0	7.0	9.0

NOTE: ALGEBRAIC DIFFERENCE BETWEEN TANGENT GRADES G1 & G2 TO NOT EXCEED 15%  
DEPRESS SIDEWALK PROFILE IF DRIVEWAY APRON EXCEEDS MAX SLOPE

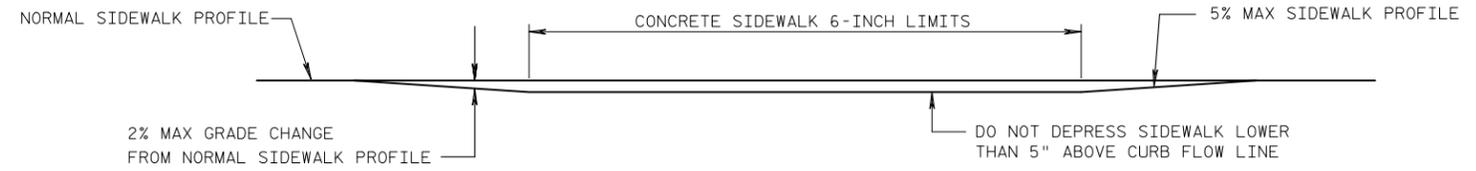


SECTION C-C



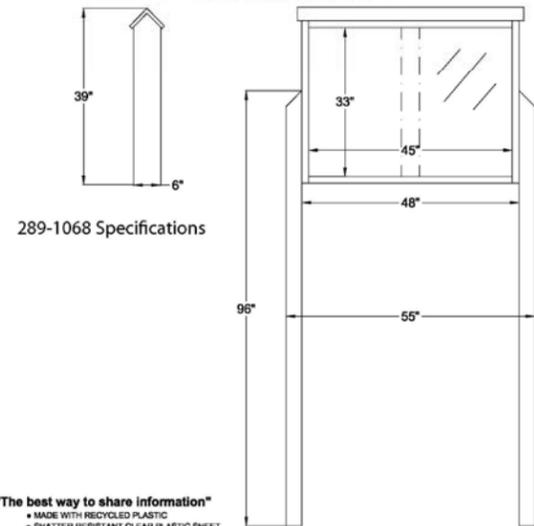
PLAN VIEW

CONCRETE IN THE 1.5' TAPER AREA SHALL BE TAPERED TO A DEPTH OF 11-INCHES AND THE EXPANSION FELT SHALL MATCH THIS DEPTH. THIS WORK AND MATERIAL WILL BE INCIDENTAL TO THE BID ITEM.



DEPRESSED SIDEWALK PROFILE DETAIL

DRIVEWAY ENTRANCE DETAIL WITH SIDEWALK, CURB & GUTTER

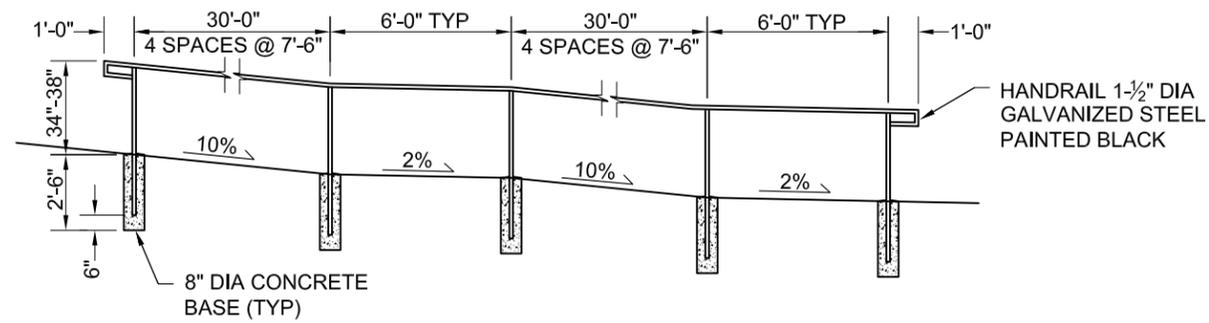


289-1068 Specifications

- "The best way to share information"**
- MADE WITH RECYCLED PLASTIC
  - SHATTER RESISTANT CLEAR PLASTIC SHEET
  - TOP QUALITY MARINE-GRADE CORK
  - SPECIALLY COATED LOCKING MECHANISMS
  - POST IS MADE FROM 4" X 4" RECYCLED PLASTIC

3350 NW Boca Raton Blvd., Suite B2 Boca Raton, FL, 33431  
Phone: 561.620.7878 Fax: 561.620.8668

**INFORMATION KIOSK DETAIL**



**STEEL HANDRAIL DETAIL**

**Deluxe Public Work Stand**

- Tools securely attach by retractable braided stainless steel cable
- Large surface area for custom branding/signage; optional Bike Fixtation branding as shown is available by request
- Designed to directly interface with all three of Bike Fixtation's manual pumps and Wheel Chock attachments (sold separately)
- Long hose provides wide range without touching the ground
- Impact and UV resistant front won't show wear from pedal strikes
- ADA-compliant design

**Specifications**

**Construction**

Material Formed and welded steel, cast aluminum

Tool tethering Retractable

Stainless steel aircraft cable

**Finish Options**

UV resistant powder coat, custom colors available

Galvanized

Stainless steel

**Installation Options**

Surface mount

Embedment

**Tools Included**

Hex key set

Torx T-25

Steel core tire levers (2)

Adjustable wrench

13/15mm cone wrench

Phillips & standard screwdrivers

**Dimensions**

Imperial 8.5" W x 56" H x 21" D

Metric 21.6 x 140.8 x 53 cm

**Security Rating**

100% 10

Visit [www.bikefixtation.com](http://www.bikefixtation.com) or call 612-568-3498 (USA) for more information

Retractable tools prevent tangling and aid organization

Can service two bikes at once

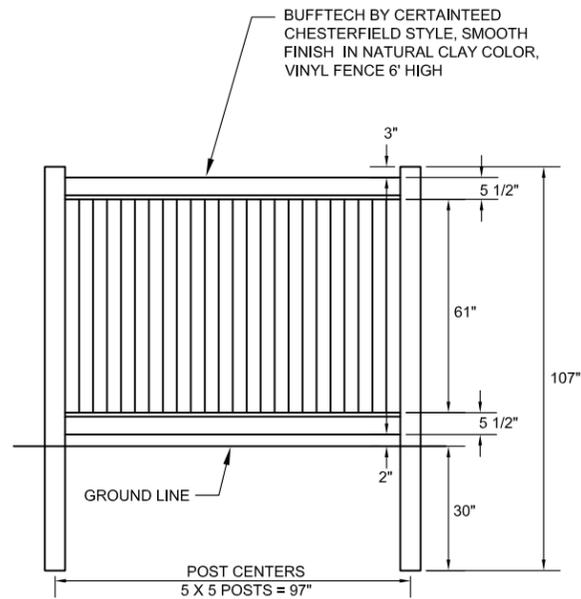
Includes link to online help

CE

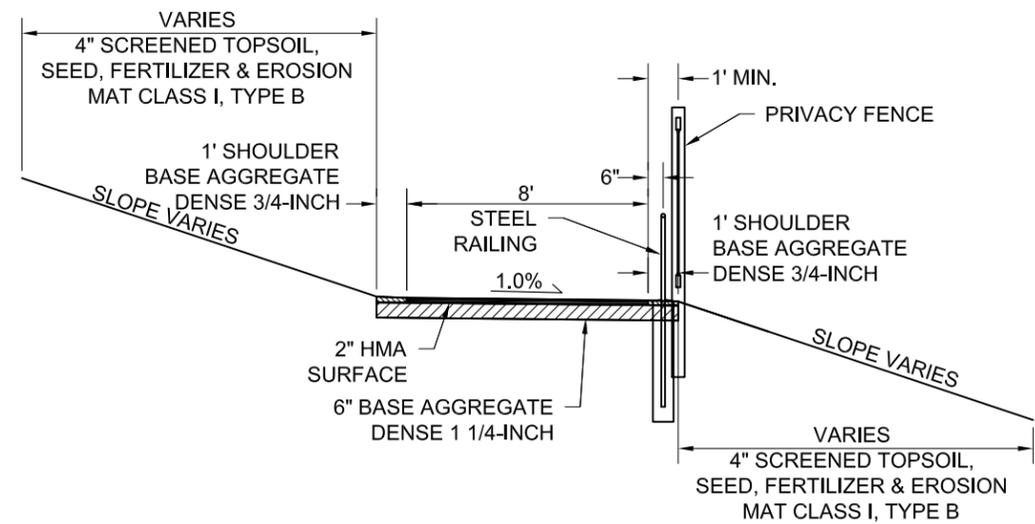
Made in USA

Patent Pending

**BIKE REPAIR STATION DETAIL**

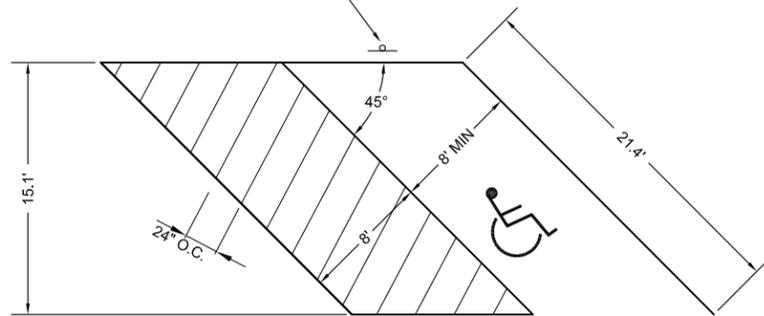


**FENCE DETAIL**

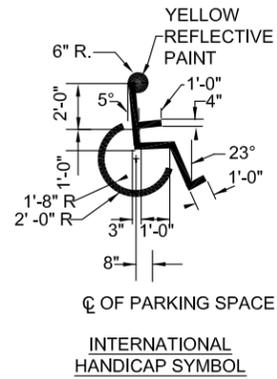
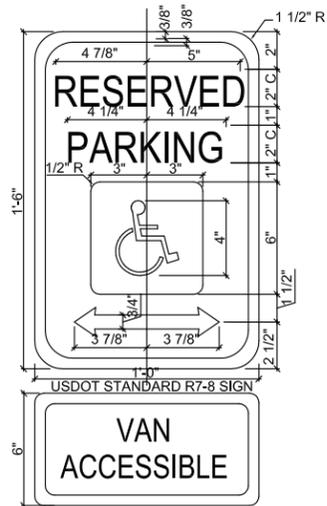


**PATH TYPICAL SECTION**

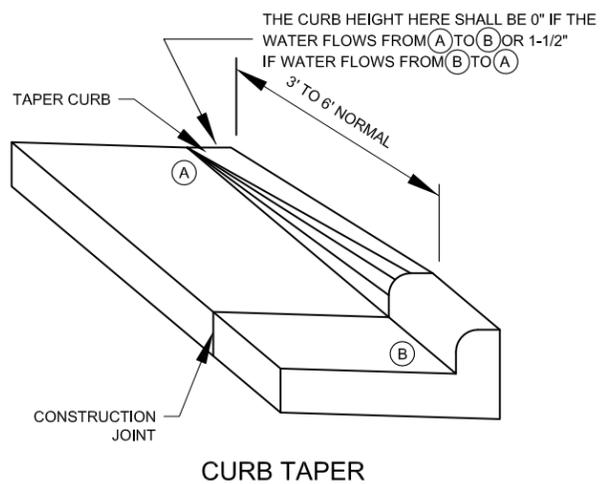
MOUNT HANDICAP SIGN ON POST OPPOSITE ALL HANDICAPPED STALLS. SIGNS TO INCLUDE THE WORDS "VAN ACCESSIBLE".



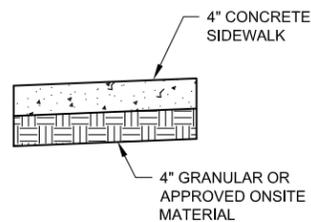
NOTE:  
MAX. 2% SLOPE ALL DIRECTIONS  
ACROSS HANDICAP STALL. **45° STALL VAN ACCESSIBLE**



**HANDICAP PARKING STALL DETAIL**



**CURB TAPER**

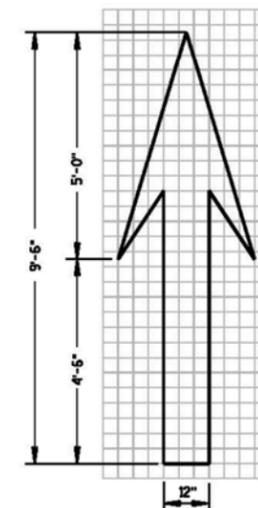


**CONCRETE SIDEWALK SECTION**

**GENERAL NOTES**

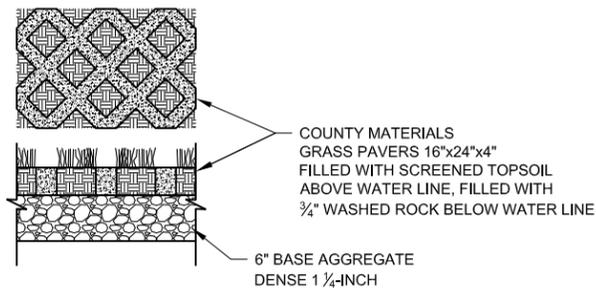
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAYEMENT MARKING" BOOK BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED. SMALL DIFFERENCES IN DIMENSIONS WITHIN THE TOLERANCES OF THAT BOOK ARE ACCEPTABLE.

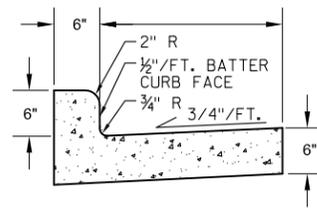


**TYPE 1**

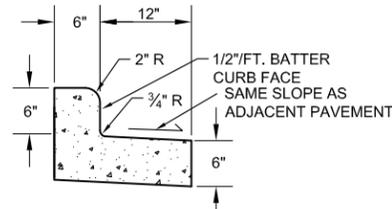
**PAVEMENT MARKING ARROW, TYPE 1**



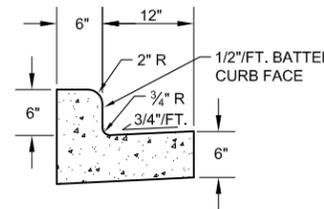
**GRASS PAVER SECTION**



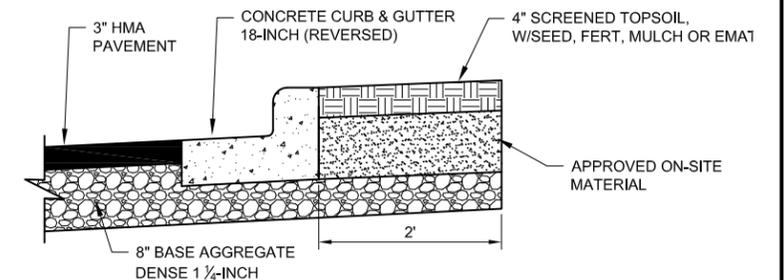
**CONCRETE CURB & GUTTER  
30-INCH, TYPE D**



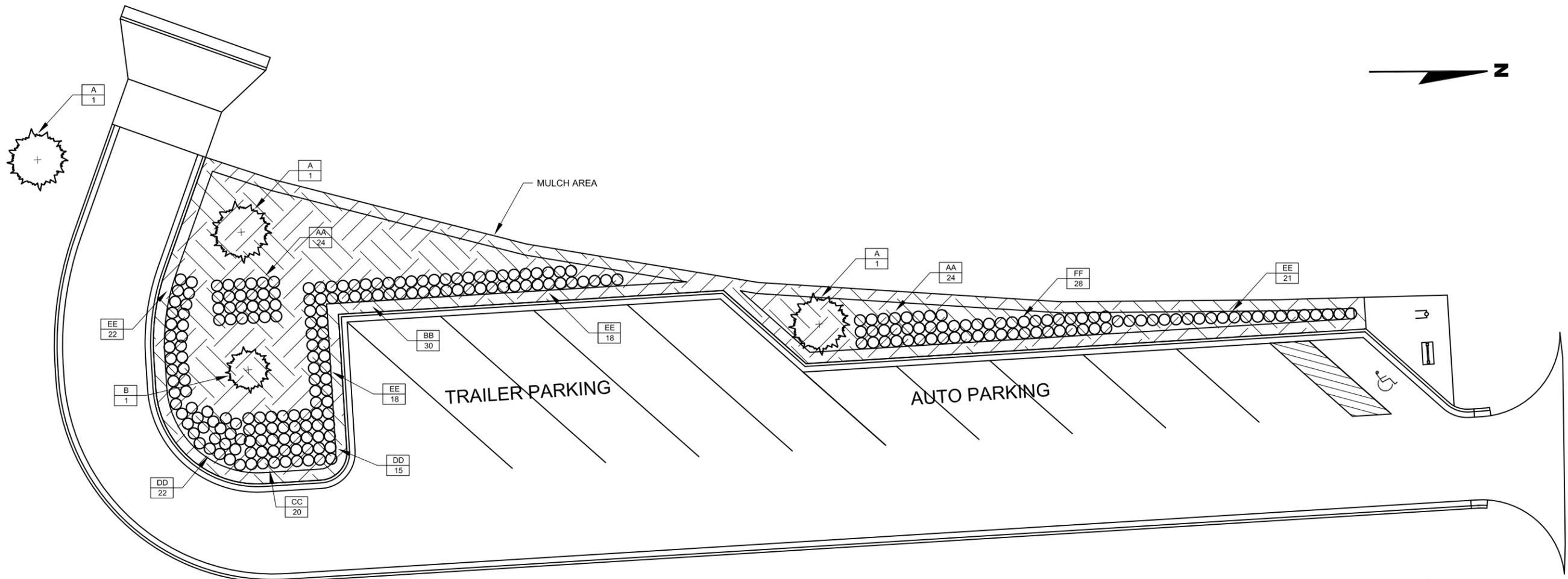
**CONCRETE CURB & GUTTER,  
18-INCH (REVERSED)**



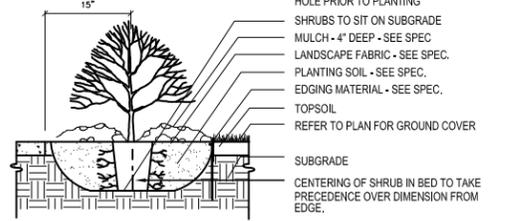
**CONCRETE CURB & GUTTER,  
18-INCH**



**TYPICAL SECTION PARKING LOT**



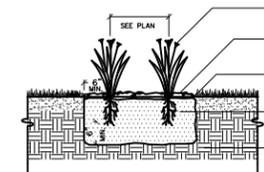
**NOTE:**  
 HAND LOOSEN ROOTS OF CONTAINERIZED MATERIAL (TYP.)  
 SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING  
 SHRUBS TO SIT ON SUBGRADE  
 MULCH - 4" DEEP - SEE SPEC.  
 LANDSCAPE FABRIC - SEE SPEC.  
 PLANTING SOIL - SEE SPEC.  
 EDGING MATERIAL - SEE SPEC.  
 TOPSOIL  
 REFER TO PLAN FOR GROUND COVER  
 SUBGRADE  
 CENTERING OF SHRUB IN BED TO TAKE PRECEDENCE OVER DIMENSION FROM EDGE.



**SHRUB PLANTING DETAIL**

SCALE: 3/4" = 1'-0"

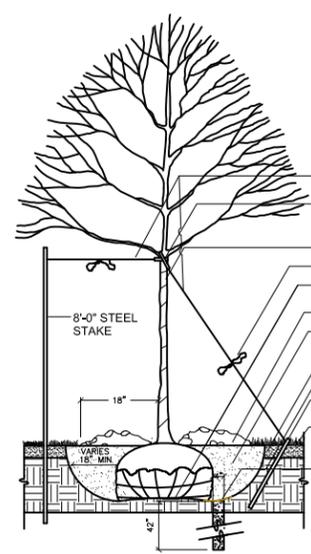
Shrub.Dwg



**PERENNIAL PLANTING DETAIL**

SCALE: 3/4" = 1'-0"

Perennial.Dwg



**DECIDUOUS TREE PLANTING DETAIL**

SCALE: 1/2" = 1'-0"

**NOTE:**  
 TWO ALTERNATE METHODS OF TREE STAKING ARE ILLUSTRATED; IT IS THE CONTRACTOR'S OPTION TO STAKE TREES; HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TREES IN A PLUMB POSITION THROUGHOUT THE GUARANTEE PERIOD  
 SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING  
 DOUBLE STRAND 14 GA. WIRE - 3' @ 120 DEGREE INTERVALS (TYP.)  
 16" POLYPROPYLENE OR POLYETHYLENE (40 MIL, 1-1/2" WIDE STRAP TYP.)  
 TREE WRAP TO FIRST BRANCH  
 FLAGGING - ONE PER WIRE  
 ROOTBALL TO SIT ON MOUNDED SUBGRADE. REMOVE TOP 1/3 OF BURLAP FROM ROOTBALL.  
 ORGANIC MULCH - 4" DEEP - SEE SPEC  
 PLANTING SOIL - SEE SPEC.  
 TOPSOIL  
 SUBGRADE  
 2" X 2" X 24" WOOD STAKE SET AT ANGLE  
 EDGE CONDITION VARIES - SEE PLAN  
 DRAIN SYSTEM AS REQUIRED - PER SPEC.  
 4" DIA. PVC PIPE WITH SOCK - PLACED IN 42" MIN. DEPTH AUGERED HOLE FILLED WITH 3/4" DIAMETER DRAIN ROCK. LOCATE AT EDGE OF ROOT BALL AS SHOWN.

SYM	QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE @ INSTALL	TYPE	ROOTBALL/ POT SIZE	COMMENTS
<b>DECIDUOUS TREES</b>							
A	3	AUTUMN BLAZE MAPLE	<i>Acer x fremanii 'Jeffersred'</i>	2.5" CAL.	B&B		SINGLE LEADER
<b>ORNAMENTAL TREES</b>							
B	1	JAPANESE TREE LILAC	<i>Syrniga reticulata</i>	1.5" CAL.	B&B		SINGLE LEADER
<b>PERENNIALS</b>							
AA	48	AUTUMN JOY SEDUM	<i>Sedum 'Autumn Joy'</i>		POT	#1 GALLON	PLANT 1.5' O.C.
BB	30	BLACK EYED SUSAN	<i>Rudbeckia fulgida</i>		POT	#1 GALLON	PLANT 1.5' O.C.
CC	20	STELLA D'ORO	<i>Hemerocallis 'Stella D'Oro'</i>		POT	#1 GALLON	PLANT 1.5' O.C.
DD	37	PURPLE CONEFLOWER	<i>Echinacea purpurea</i>		POT	#1 GALLON	PLANT 1.5' O.C.
EE	79	KARL FOERSTER	<i>Calamagrostis acutiflora 'Karl Foerster'</i>		POT	#3 GALLON	PLANT 2' O.C.
FF	28	MAYNIGHT SALVIA	<i>Salvia x superba 'Mainacht'</i>		POT	#1 GALLON	PLANT 1.5' O.C.

**PLANTING SCHEDULE**

**PLANTING DETAILS**

