

**Logan High School
South Parking Lot
Redevelopment**
1400 Ranger Drive
La Crosse, Wisconsin

Revisions

SCALE: 1" = 20'

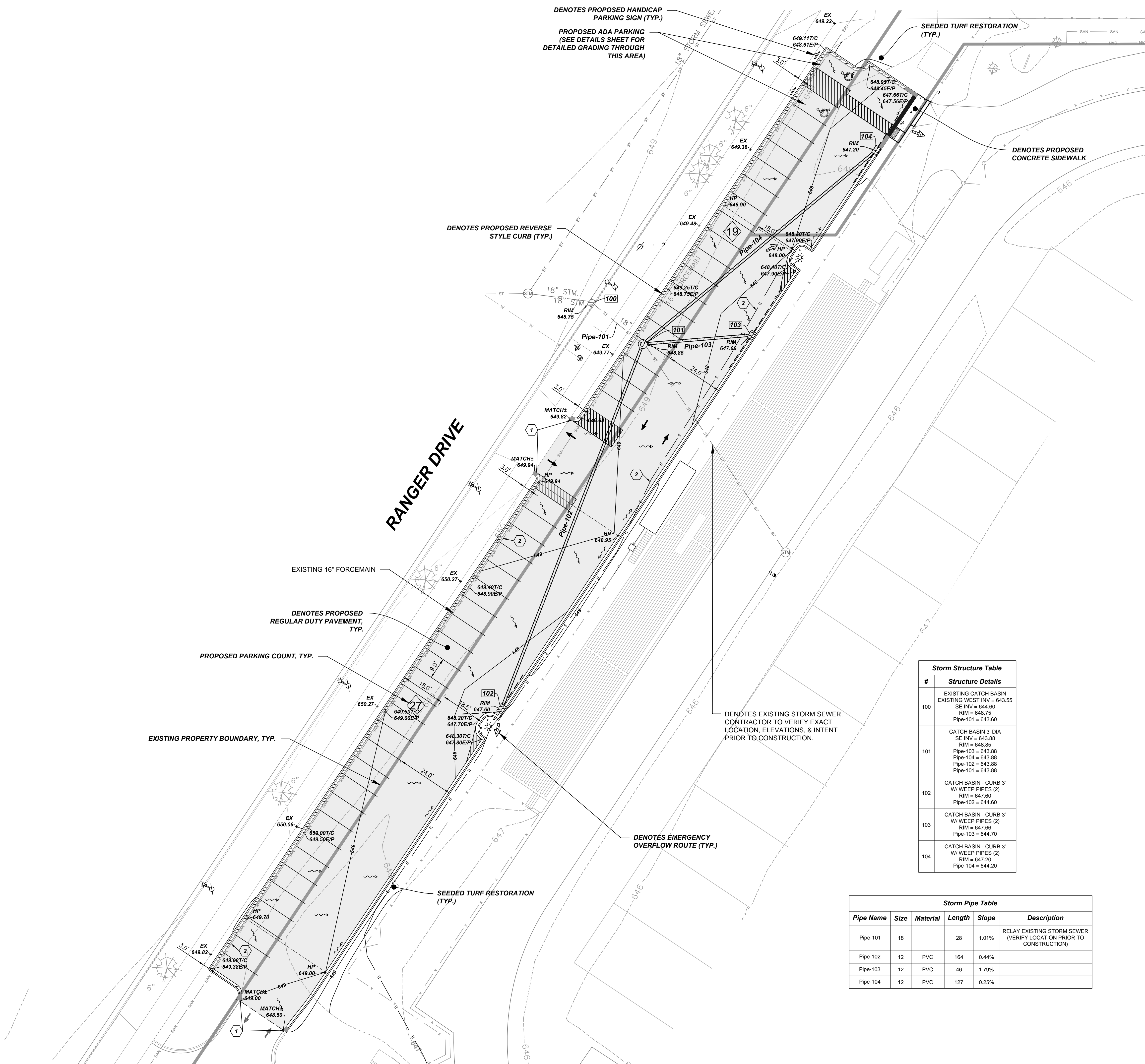
**SITE & GRADING
PLAN**

MAY 05, 2017

Project No.
17-1007.00

Sheet No.

C1.00



SITE CALCULATION TABLE

TOTAL DISTURBED AREA	0.540 AC
EXISTING REGULAR PARKING SPACES	41
EXISTING HANDICAP PARKING	0
EXISTING TOTAL PARKING	41
PROPOSED REGULAR PARKING SPACES	44
PROPOSED HANDICAP PARKING	2
PROPOSED TOTAL PARKING	46

- NOTES**
1. DENOTES PROPOSED 2" CURB TAPER
 2. CAUTION BURIED UTILITIES. CONTRACTOR TO VERIFY EXACT LOCATION PRIOR TO CONSTRUCTION.

HATCH LEGEND

	PROPOSED CONCRETE SIDEWALK
	PROPOSED REGULAR DUTY ASPHALT PAVEMENT
	PROPOSED DEPRESSED CURB
	PROPOSED TAPER CURB
	REVERSE STYLE CURB

UTILITY LEGEND

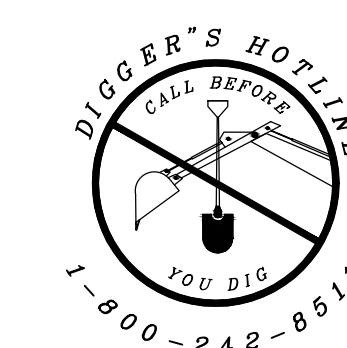
SYMBOL	DESCRIPTION
	EXISTING WATER MAIN
	PROPOSED WATER SERVICE
	EXISTING ELECTRICAL LINE
	PROPOSED ELECTRICAL LINE
	EXISTING GAS MAIN
	PROPOSED GAS MAIN
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	OVERHEAD WIRES
	EXISTING POWER POLES
	EXISTING LIGHT POLES
	SANITARY MANHOLE
	FIRE HYDRANT
	EXISTING WATER VALVE
	PROPOSED WATER VALVE
	EXISTING STORM STRUCTURE
	PROPOSED STORM STRUCTURE
	DENOTES EMERGENCY OVERFLOW ROUTE / DRAINAGE PATH
	PROPOSED & EXISTING SPOT GRADE

Storm Structure Table

#	Structure Details
100	EXISTING CATCH BASIN EXISTING WEST INV = 643.55 SE INV = 644.60 RIM = 648.75 Pipe-101 = 643.60
101	CATCH BASIN 3' DIA SE INV = 643.88 RIM = 648.85 Pipe-103 = 643.88 Pipe-104 = 643.88 Pipe-102 = 643.88 Pipe-101 = 643.88
102	CATCH BASIN - CURB 3' W/ WEEP PIPES (2) RIM = 647.60 Pipe-102 = 644.60
103	CATCH BASIN - CURB 3' W/ WEEP PIPES (2) RIM = 647.66 Pipe-103 = 644.70
104	CATCH BASIN - CURB 3' W/ WEEP PIPES (2) RIM = 647.20 Pipe-104 = 644.20

Storm Pipe Table

Pipe Name	Size	Material	Length	Slope	Description
Pipe-101	18		28	1.01%	RELAY EXISTING STORM SEWER (VERIFY LOCATION PRIOR TO CONSTRUCTION)
Pipe-102	12	PVC	164	0.44%	
Pipe-103	12	PVC	46	1.79%	
Pipe-104	12	PVC	127	0.25%	



IN ACCORDANCE WITH WISCONSIN STATUTE 182.0175, DAMAGE TO TRANSMISSION FACILITIES, EXCAVATOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ADVANCE NOTICE TO THE DESIGNATED "ONE CALL SYSTEM" NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION REQUIRED TO PERFORM WORK CONTAINED ON THESE DRAWINGS, AND FURTHER, EXCAVATOR SHALL COMPLY WITH ALL OTHER REQUIREMENTS OF THIS STATUTE RELATIVE TO EXCAVATOR'S WORK.

EROSION CONTROL NOTES AND PHASING

- ESTIMATED CONSTRUCTION TIMEFRAMES:
 INSTALL EROSION CONTROL = JUNE 2017
 GRADING AND UTILITY INSTALLATION = JUNE 2017
 FINAL SITE GRADING AND RESTORATION = JULY 2017
- ALL CHANGES TO THE ABOVE SCHEDULE SHALL BE REVIEWED AND APPROVED BY THE MUNICIPALITY.
- CONTRACTOR SHALL INSPECT ALL EROSION CONTROL PRACTICES WEEKLY AND AFTER ANY RAINFALL EVENT OF 0.5 INCHES OR GREATER. THE CONTRACTOR SHALL PERFORM ALL INSPECTIONS AND DOCUMENTATION PER THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES. ALL REQUIRED REPAIRS SHALL BE MADE WITHIN 24 HOURS.
 - PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR WILL HAVE IN PLACE, ALL APPLICABLE PLAN APPROVALS AND PERMITS.
 - INSTALL CONSTRUCTION ENTRANCES, SEDIMENT TRACKING PADS, AND ALL SILT FILTER FENCING, AS INDICATED ON PLANS. SEDIMENT TRACKING PADS TO BE MAINTAINED THROUGHOUT CONSTRUCTION PROJECT. SEDIMENT TRACKED ONTO STREETS SHALL BE REMOVED (BY SWEEPING) AT END OF EACH WORK DAY.
 - STRIP TOPSOIL FROM THE SITE (WHERE PROPOSED IMPROVEMENTS OR GRADING IS SHOWN ONLY). TOPSOIL STOCKPILE(S) REMAINING FOR MORE THAN SEVEN DAYS SHALL BE STABILIZED WITH VEGETATIVE COVER, MULCH, TARPS OR OTHER APPROVED PRACTICE. EROSION FROM TOPSOIL PILES LEFT FOR LESS THAN SEVEN DAYS SHALL BE CONTROLLED WITH SILT FENCE OR OTHER APPROVED METHOD. ANY TOPSOIL STOCKPILE WITHIN 25' OF A ROADWAY OR DRAINAGE DITCH SHALL BE COVERED WITH TARPS OR OTHER APPROVED METHOD. ALL DISTURBED GROUND LEFT INACTIVE FOR SEVEN OR MORE DAYS IS TO BE STABILIZED BY SEED, SOD, MULCH, OR OTHER APPROVED METHOD.
 - INSTALL UTILITIES
 - REDISTRIBUTE TOPSOIL FROM STOCKPILE(S) TO A DEPTH OF 6 INCHES. SURPLUS TOPSOIL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR, COORDINATE W/ OWNER. FINAL GRADE, SEED AND MULCH SITE. PLACE EROSION CONTROL MATTING WHERE INDICATED ON PLANS. (SEEDING AND MULCHING TO CONFORM WITH APPROVED SEED MIXTURES AND APPLICATION RATES, SEE LANDSCAPE PLAN FOR FINAL SEED AND SOD SPECS. EROSION CONTROL MATTING TO BE INSTALLED PER MANUFACTURE'S SPECIFICATIONS.)
 - INSTALL AGGREGATE BASE COURSE IN AREAS TO BE ASPHALT AND/OR CONCRETE PAVED
 - INSTALL ASPHALT AND CONCRETE SECTIONS.
 - UPON SITE STABILIZATION, REMOVE TEMPORARY EROSION CONTROL PRACTICES. CLEAN STRUCTURES OF ANY SEDIMENT AND/OR CONSTRUCTION DEBRIS.
 - CONSTRUCTION AND WASTE MATERIALS SHALL BE PROPERLY DISPOSED OF ON A ROUTINE BASIS. NO CONSTRUCTION OR WASTE MATERIALS SHALL BE TRACKED, BLOWN OR OTHERWISE LOCATED OR STORED ON ADJACENT PROPERTIES.
 - DUST CONTROL SHALL BE MAINTAINED ONSITE WITH USE OF A WATER TRUCK (IF NECESSARY).

EROSION CONTROL LEGEND

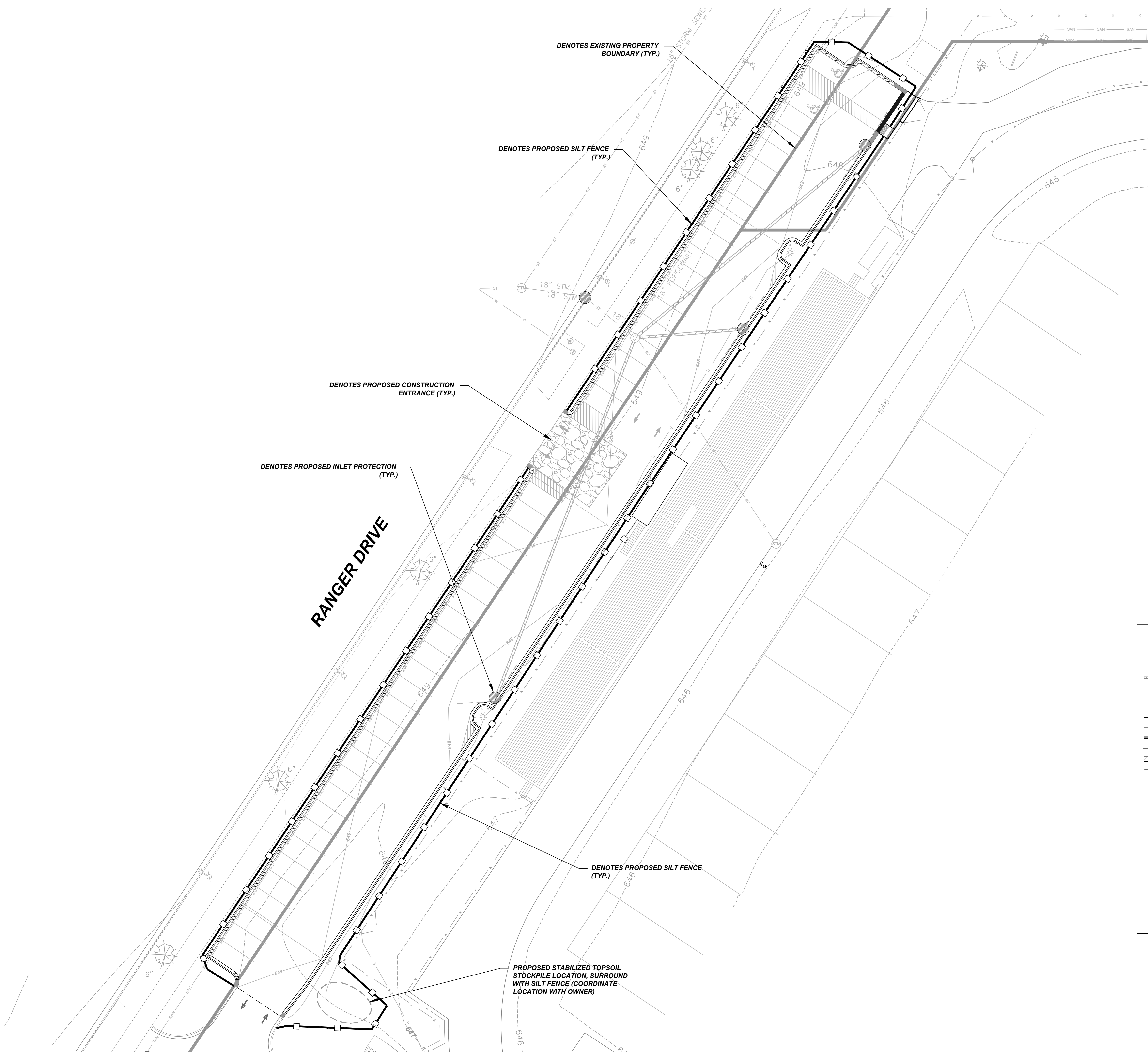
- SILT FILTER FENCE STABILIZED TOPSOIL PILE
- CONSTRUCTION ENTRANCE INLET SEDIMENT GUARD

UTILITY LEGEND

SYMBOL	DESCRIPTION
	EXISTING WATER MAIN
	PROPOSED WATER SERVICE
	EXISTING ELECTRICAL LINE
	PROPOSED ELECTRICAL LINE
	EXISTING GAS MAIN
	PROPOSED GAS MAIN
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	OVERHEAD WIRES
	EXISTING POWER POLES
	EXISTING LIGHT POLES
	SANITARY MANHOLE
	FIRE HYDRANT
	EXISTING WATER VALVE
	PROPOSED WATER VALVE
	EXISTING STORM STRUCTURE
	PROPOSED STORM STRUCTURE
	DENOTES EMERGENCY OVERFLOW ROUTE / DRAINAGE PATH
	PROPOSED & EXISTING SPOT GRADE



IN ACCORDANCE WITH WISCONSIN STATUTE 182.0175, DAMAGE TO TRANSMISSION FACILITIES, EXCAVATOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ADVANCE NOTICE TO THE DESIGNATED "ONE CALL SYSTEM" NOT LESS THAN THREE WORKING DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION REQUIRED TO PERFORM WORK CONTAINED ON THESE DRAWINGS, AND FURTHER, EXCAVATOR SHALL COMPLY WITH ALL OTHER REQUIREMENTS OF THIS STATUTE RELATIVE TO EXCAVATOR'S WORK.



NOTES

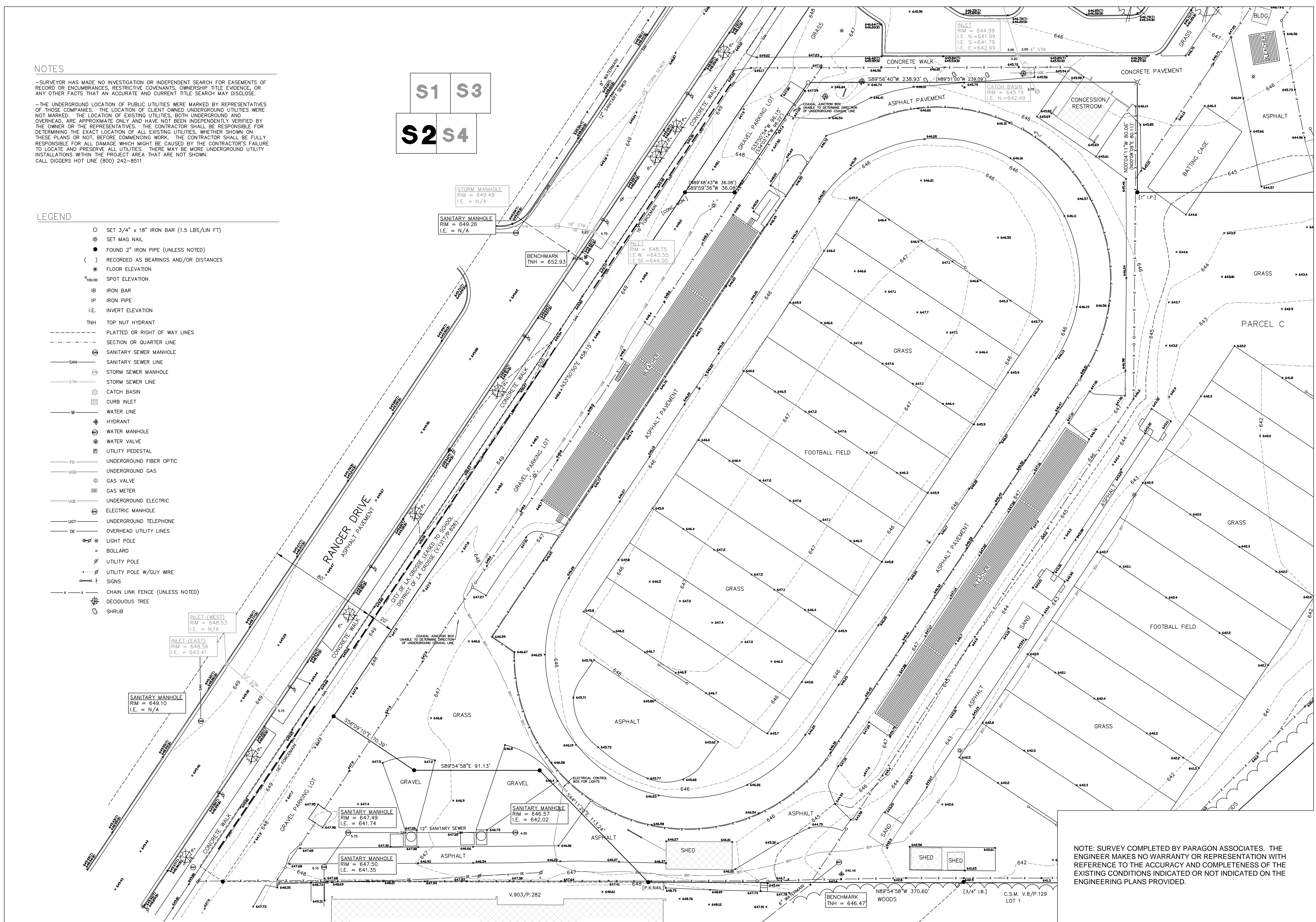
-SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD OR ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.

-THE UNDERGROUND LOCATION OF PUBLIC UTILITIES WERE MARKED BY REPRESENTATIVES OF THOSE COMPANIES. THE LOCATION OF CLIENT OWNED UNDERGROUND UTILITIES WERE NOT MARKED. THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD, ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE REPRESENTATIVES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGE WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO LOCATE AND PRESERVE ALL UTILITIES. THERE MAY BE MORE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. CALL DIGGERS HOT LINE (800) 242-8511

LEGEND

- SET 3/4" x 18" IRON BAR (1.5 LBS/LIN FT)
- ⊙ SET MAG NAIL
- FOUND 2" IRON PIPE (UNLESS NOTED)
- () RECORDED AS BEARINGS AND/OR DISTANCES
- * FLOOR ELEVATION
- x_{100.00} SPOT ELEVATION
- IB IRON BAR
- IP IRON PIPE
- I.E. INVERT ELEVATION
- TNH TOP NUT HYDRANT
- - - - - PLATTED OR RIGHT OF WAY LINES
- - - - - SECTION OR QUARTER LINE
- ⊕ SANITARY SEWER MANHOLE
- ⊕ SANITARY SEWER LINE
- ⊕ STORM SEWER MANHOLE
- ⊕ STORM SEWER LINE
- ⊕ CATCH BASIN
- ⊕ CURB INLET
- W WATER LINE
- ⊕ HYDRANT
- ⊕ WATER MANHOLE
- ⊕ WATER VALVE
- ⊕ UTILITY PEDESTAL
- FO UNDERGROUND FIBER OPTIC
- UGG UNDERGROUND GAS
- ⊕ GAS VALVE
- ⊕ GAS METER
- UGE UNDERGROUND ELECTRIC
- ⊕ ELECTRIC MANHOLE
- UGT UNDERGROUND TELEPHONE
- OE OVERHEAD UTILITY LINES
- * LIGHT POLE
- BOLLARD
- UTILITY POLE
- UTILITY POLE W/GUY WIRE
- SIGNS
- x-x CHAIN LINK FENCE (UNLESS NOTED)
- DECIDUOUS TREE
- SHRUB

S1 S3
S2 S4



NOTE: SURVEY COMPLETED BY PARAGON ASSOCIATES. THE ENGINEER MAKES NO WARRANTY OR REPRESENTATION WITH REFERENCE TO THE ACCURACY AND COMPLETENESS OF THE EXISTING CONDITIONS INDICATED OR NOT INDICATED ON THE ENGINEERING PLANS PROVIDED.



Logan High School South Parking Lot Redevelopment

1400 Ranger Drive
La Crosse, Wisconsin

Revisions

SCALE: 1" = 30'

EXISTING SURVEY

MAY 05, 2017

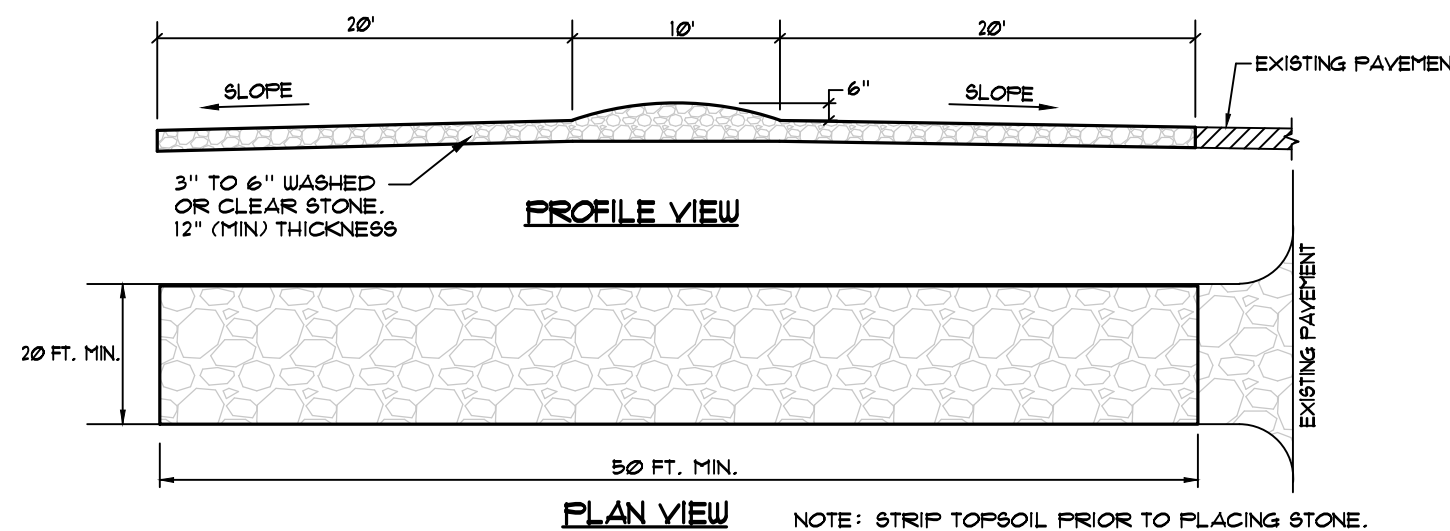
Project No. 17-1007.00

Sheet No.

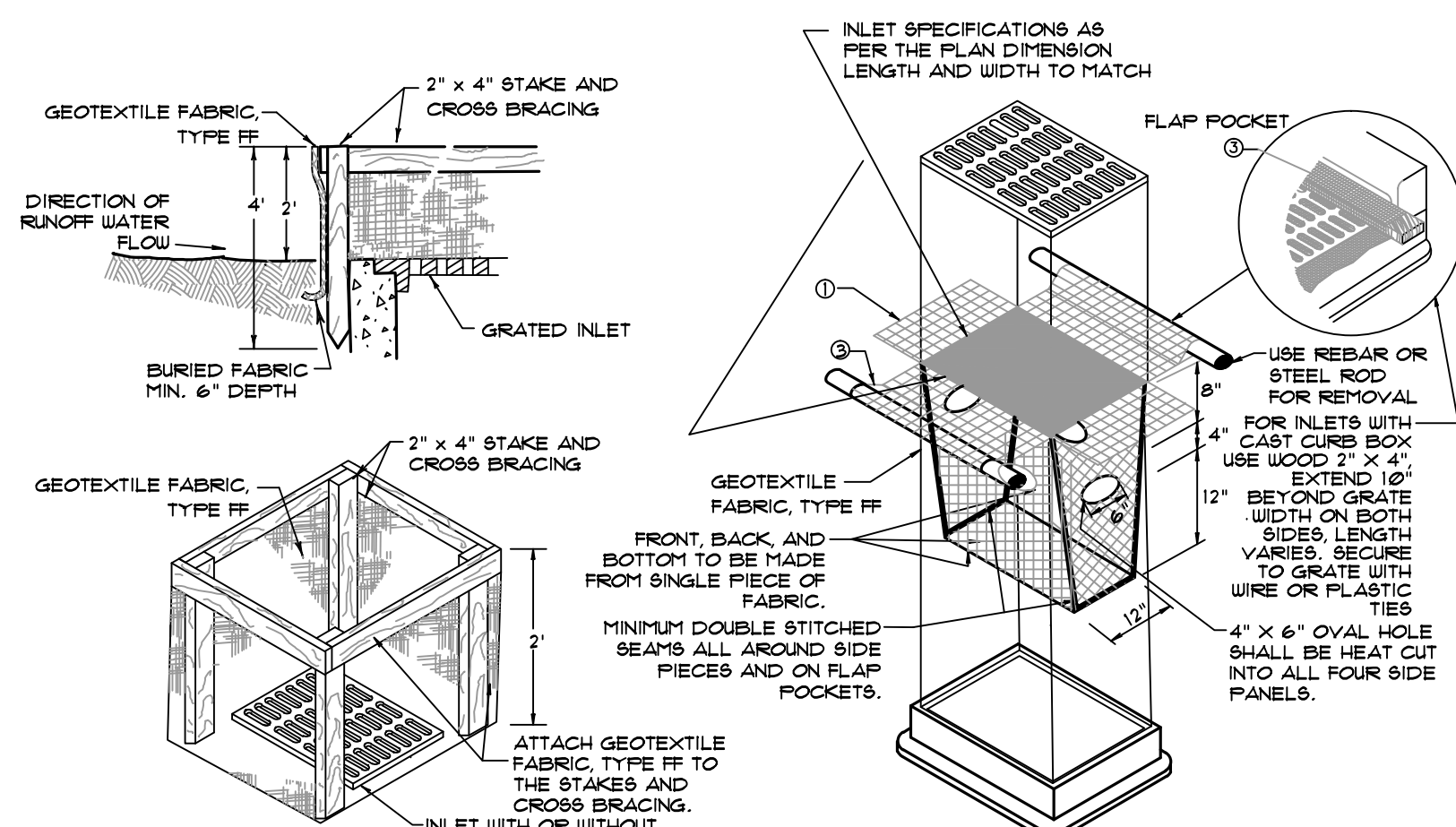
C1.02

GENERAL NOTES AND SPECIFICATIONS

- THE EXISTING SITE INFORMATION ON THIS PLAN WAS TAKEN FROM A SITE SURVEY PROVIDED BY PARAGON ASSOCIATES AND POINT OF BEGINNING. THE ENGINEER MAKES NO WARRANTY OR REPRESENTATION WITH REFERENCE TO THE ACCURACY AND COMPLETENESS OF THE EXISTING CONDITIONS INDICATED OR NOT INDICATED ON THE ENGINEERING PLANS PROVIDED. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING SITE CONDITIONS INCLUDING UNDERGROUND UTILITIES, UNDERGROUND UTILITY ELEVATIONS, BUILDING SETBACKS AND EXISTING BUILDING LOCATIONS. THE CONTRACTOR SHALL INFORM THE OWNER AND ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING WITH WORK. QUESTIONS REGARDING THE EXISTING SURVEY SHALL BE DIRECTED TO THE PARTIES LISTED ABOVE.
- BEFORE PROCEEDING WITH ANY UTILITY CONSTRUCTION, CONTRACTOR SHALL EXCAVATE EACH EXISTING LATERAL TO BE CONNECTED TO (VERIFYING ELEVATION, LOCATION AND SIZE). SHOULD THE EXISTING UTILITY NOT BE AS INDICATED ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR EVALUATION.
- ALL UTILITY CONSTRUCTION SHALL ADHERE TO THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN (2003), AS WELL AS, THE CITY OF LA CROSSE CONSTRUCTION STANDARDS AND THE DEPT. OF SAFETY AND PROFESSIONAL SERVICE SEC. 382-387.
- ALL UTILITY PERMITS MUST BE RECEIVED FROM THE CITY OF LA CROSSE PRIOR TO THE START OF CONSTRUCTION.
- NOTIFY THE PUBLIC WORKS INSPECTION DEPT. AT LEAST 48 HOURS BEFORE STARTING CONSTRUCTION.
- BACKFILL REQUIREMENTS AND ROADWAY/SIDEWALK RESTORATION SHALL ADHERE TO LOCAL STANDARDS (GRANULAR BACKFILL UNDER OR WITHIN 5' OF CURBS, SIDEWALK, OR PAVEMENT. SPOIL MAY BE USED ELSEWHERE. SLURRY BACKFILL WILL BE REQUIRED IN PUBLIC ROADWAYS.)
- PROPOSED STORM SEWER SHALL BE PVC, ASTM D-3034, SDR 35 WITH RUBBER ELASTOMERIC JOINTS CONFORMING TO ASTM D-3212 (UNLESS OTHERWISE NOTED).
- UTILITY TRENCHES SHALL BE MECHANICALLY COMPACTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN.
- SILT FENCE AND ALL OTHER EROSION CONTROL METHODS MUST BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION. ALSO, CONTRACTOR IS RESPONSIBLE FOR REMOVING EROSION CONTROL METHODS ONCE THE SITE IS STABILIZED.
- THE PROPOSED SITE LOCATION AND SURROUNDING STREETS MUST BE KEPT DEBRIS FREE. SWEEP STREETS AS NEEDED TO MAINTAIN CLEAN STREETS.
- ALL EXCAVATED OR STRIPPED MATERIALS NOT BEING REPLACED IN UTILITY TRENCHES OR BEING USED FOR FILL SHALL BE REMOVED FROM THE SITE, UNLESS OTHERWISE DIRECTED BY THE OWNER.
- ALL DISTURBED GRASS AREAS SHALL BE STABILIZED (PER DNR TECHNICAL STANDARDS) WITHIN 7 DAYS OF COMPLETION. DISTURBED GRASS AREAS SHALL BE TOPSOILED (6"). RESEEDED AND STABILIZED. AREAS WITH A SLOPE OF 3H:1V OR STEEPER SHALL BE COVERED WITH A CLASS 1 - TYPE A EROSION FABRIC. (SEE SPECIFICATIONS)
- ALL ON-SITE CONCRETE CURB AND GUTTER TO BE 18" WIDE VERTICAL FACE, UNLESS OTHERWISE NOTED. REVERSE OR REGULAR STYLE CURB DENOTED ON PLANS.
- ALL CURB ELEVATIONS ARE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. SEE CURB DETAIL FOR TOP OF CURB ELEVATIONS.
- ALL CURB RADII ARE MEASURED TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL MATCH PROPOSED CONCRETE CURB AND GUTTER, SIDEWALK AND PAVEMENT TO EXISTING IN ELEVATION AND ALIGNMENT.
- REMOVAL OF CURB AND GUTTER, SIDEWALK AND PAVEMENT SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE WISCONSIN D.O.T.
- ALL CONCRETE FOR CURB AND GUTTER, ROADWAY AND SIDEWALKS MUST CONFORM TO THE STANDARD SPECIFICATIONS FOR READY MIXED CONCRETE. MINIMUM 28 DAY COMPRESSIVE STRENGTH TEST MUST EQUAL 4000 PSI.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL PROPERTY CORNERS.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING UTILITIES OR SITE IMPROVEMENTS. CONTRACTOR SHALL DOCUMENT ALL EXISTING DAMAGE PRIOR TO START OF CONSTRUCTION AND NOTIFY CONSTRUCTION MANAGER OF ANY FINDINGS.
- PROJECT SAFETY ON-SITE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING SOIL CONDITIONS, CONSTRUCTION MANAGER MAY HAVE SOILS REPORT FOR MORE INFO.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER WITH A SET OF MARKED UP PLANS (AS-BUILTS) SHOWING ANY CHANGES DURING CONSTRUCTION.

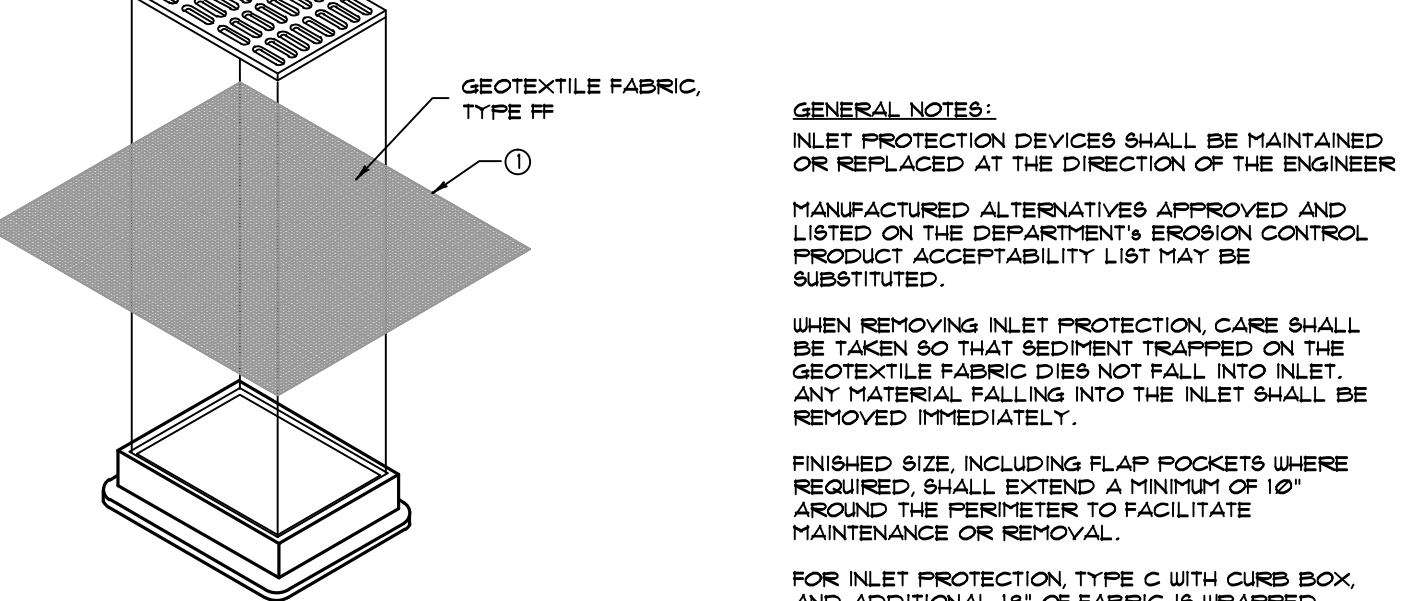


02 CONSTRUCTION ENTRANCE AND TRACKING PAD DETAIL 102
NTS 07/29/11



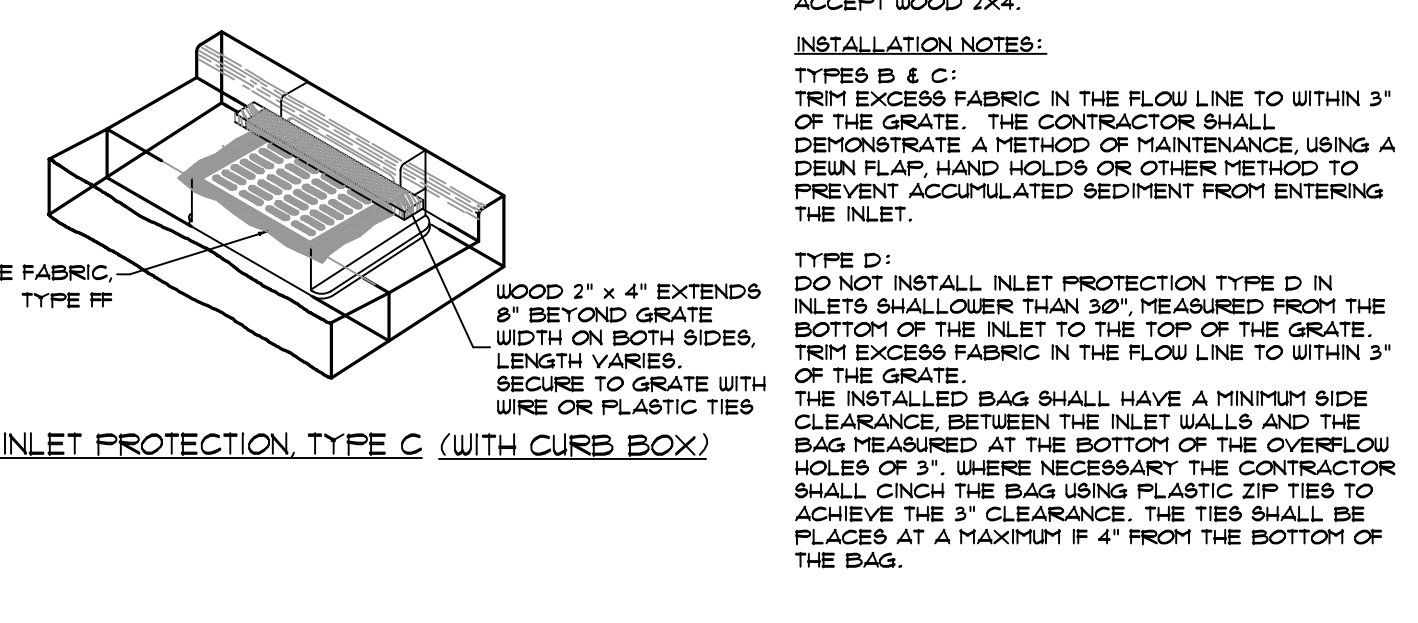
INLET PROTECTION, TYPE A
INLET PROTECTION, TYPE B (WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE) (2)

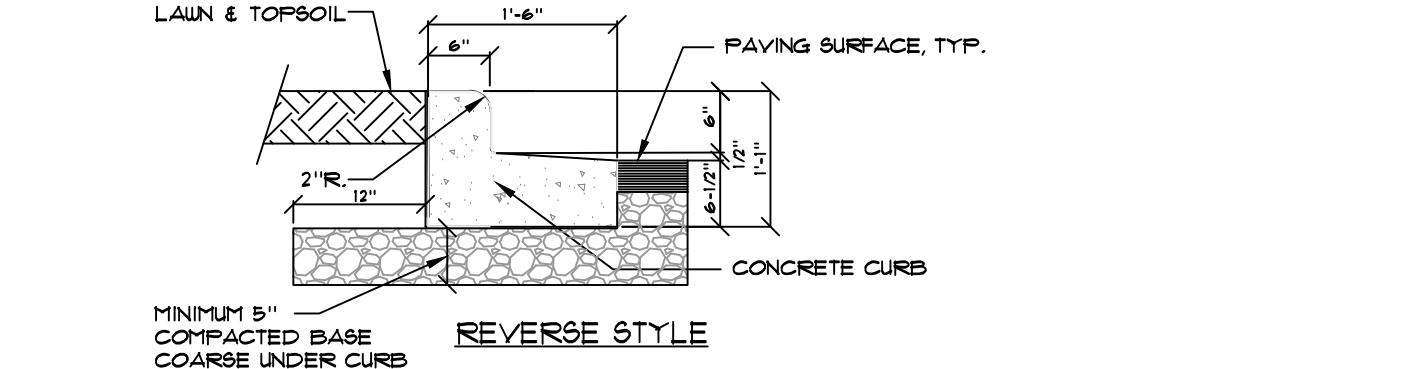
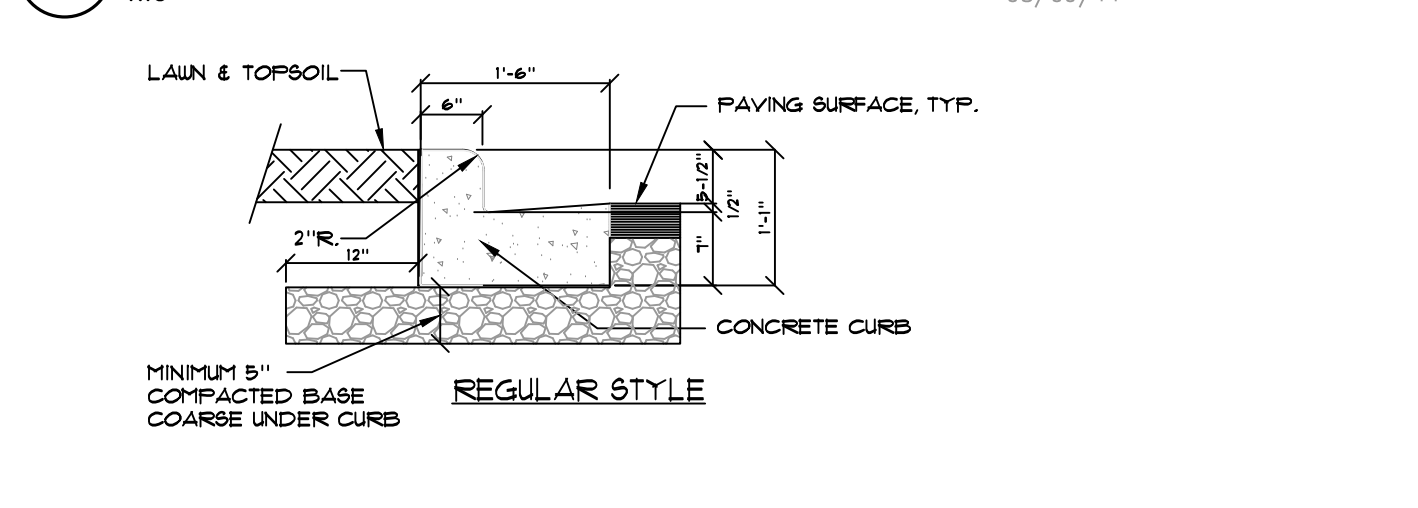


INLET PROTECTION, TYPE C (WITH CURB BOX)

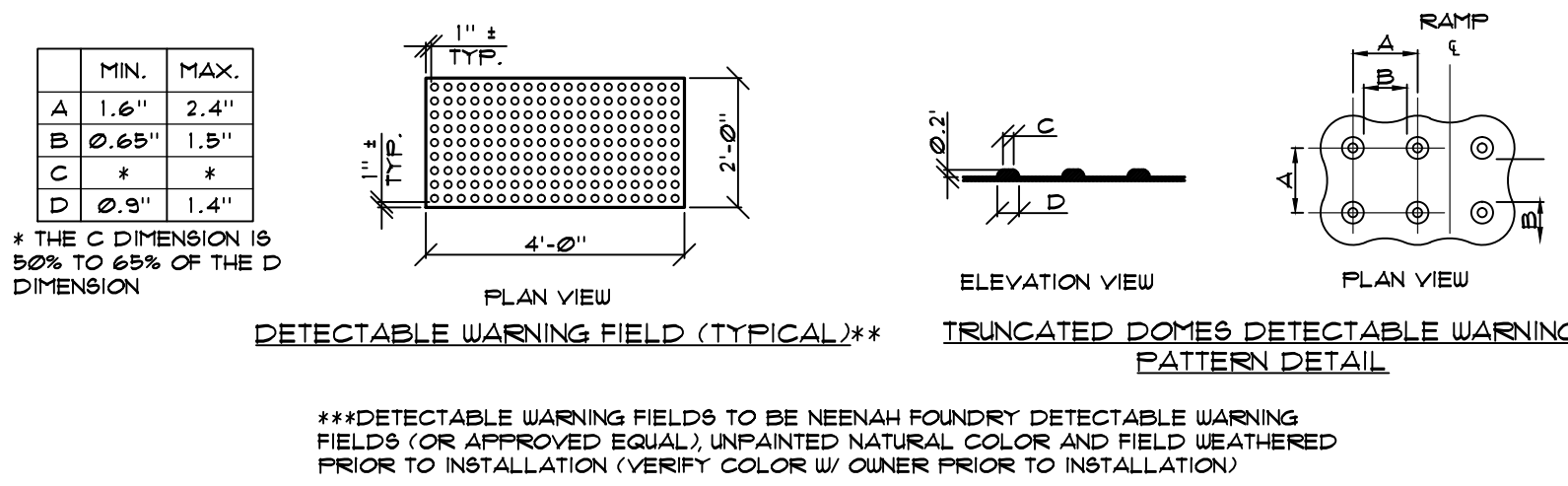
(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



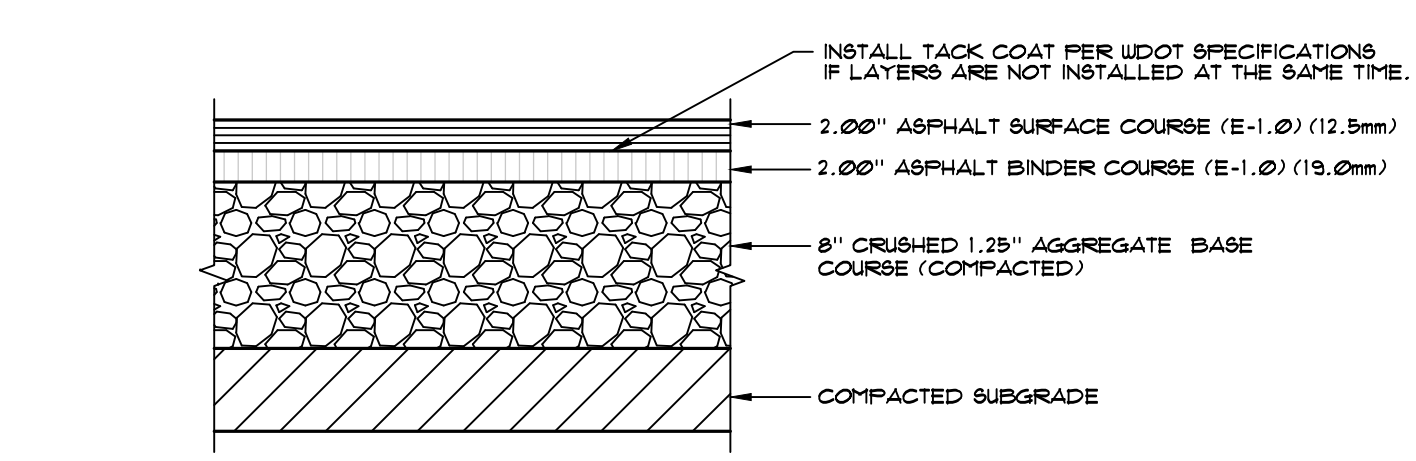
03 INLET PROTECTION 103
NTS 08/09/11



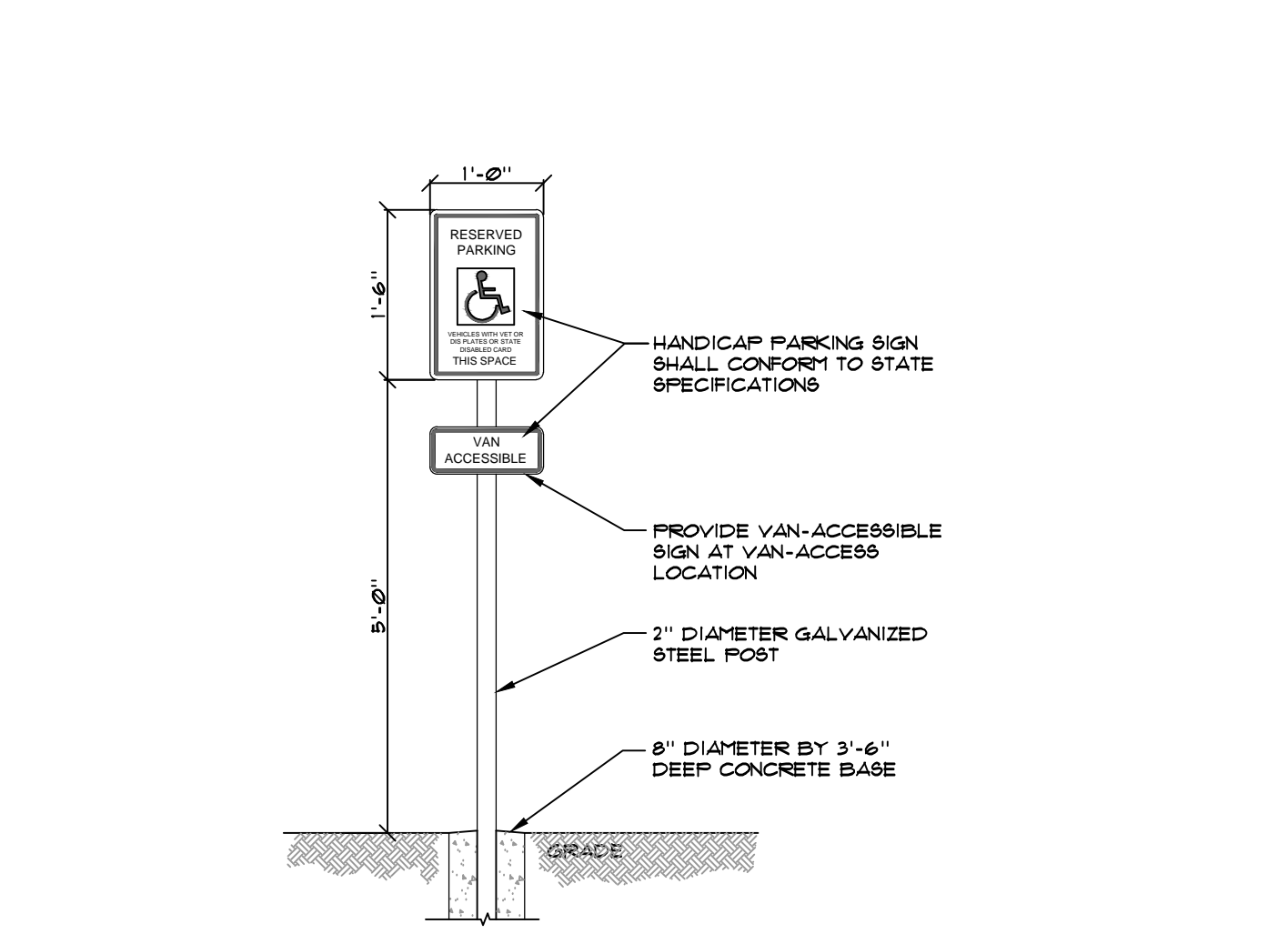
04 VERTICAL FACE CURB - 18" WIDE 504
NTS 11/19/10



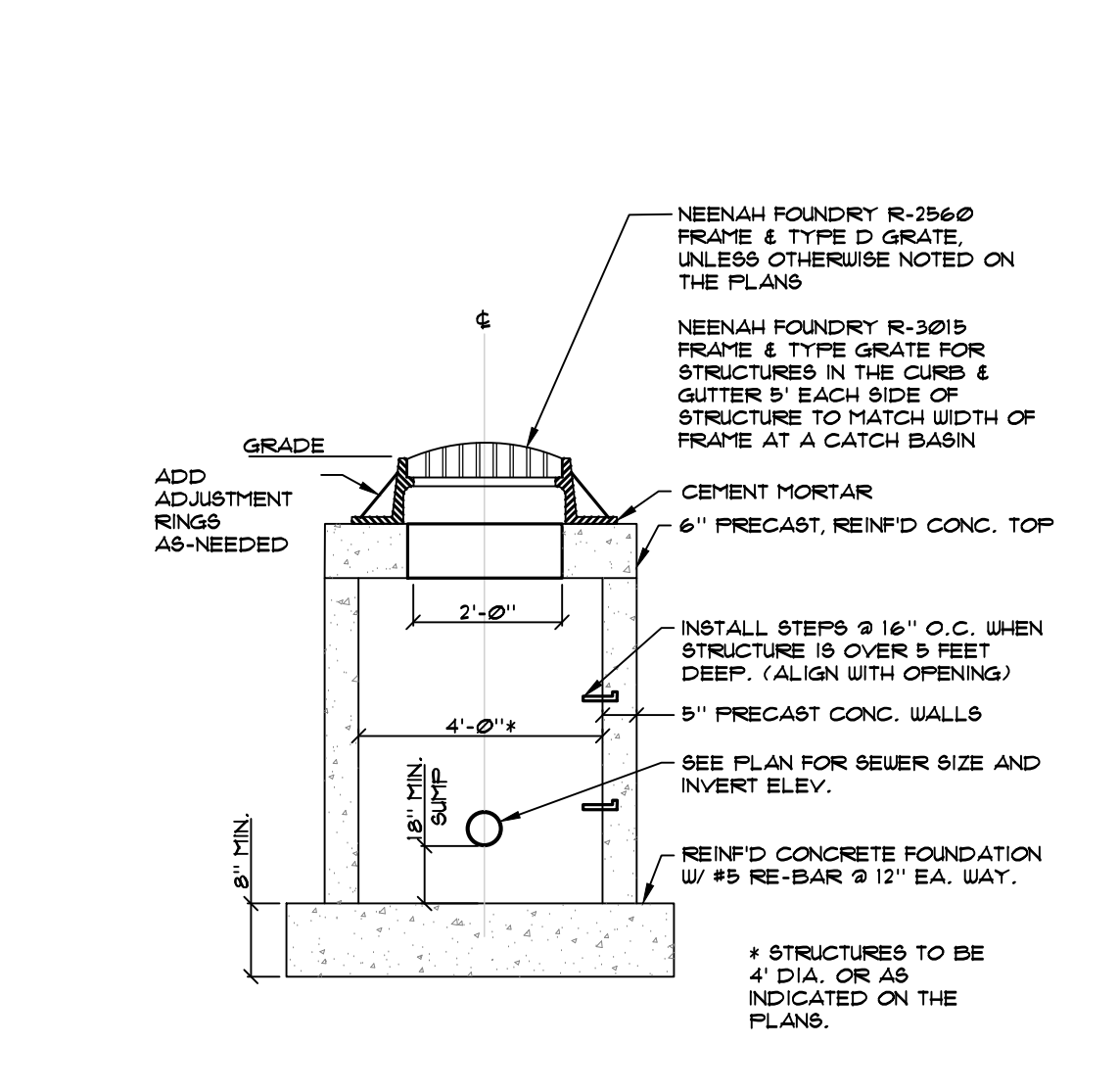
05 TRUNCATED DOMES 610
NTS 01/23/13



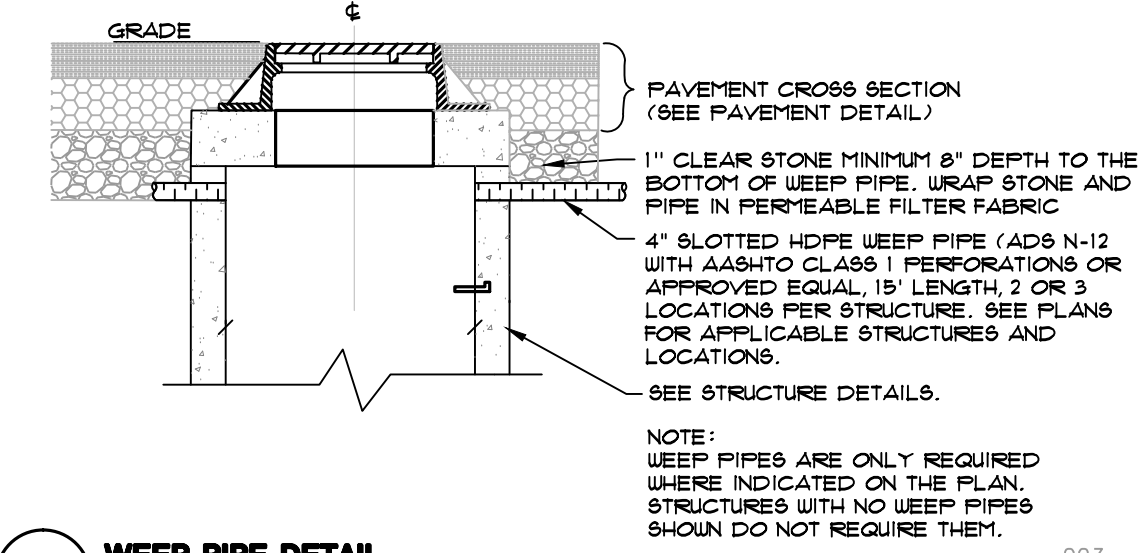
06 BITUMINOUS ASPHALT SECTION - REGULAR DUTY PAVEMENT 518
NTS 01/23/13



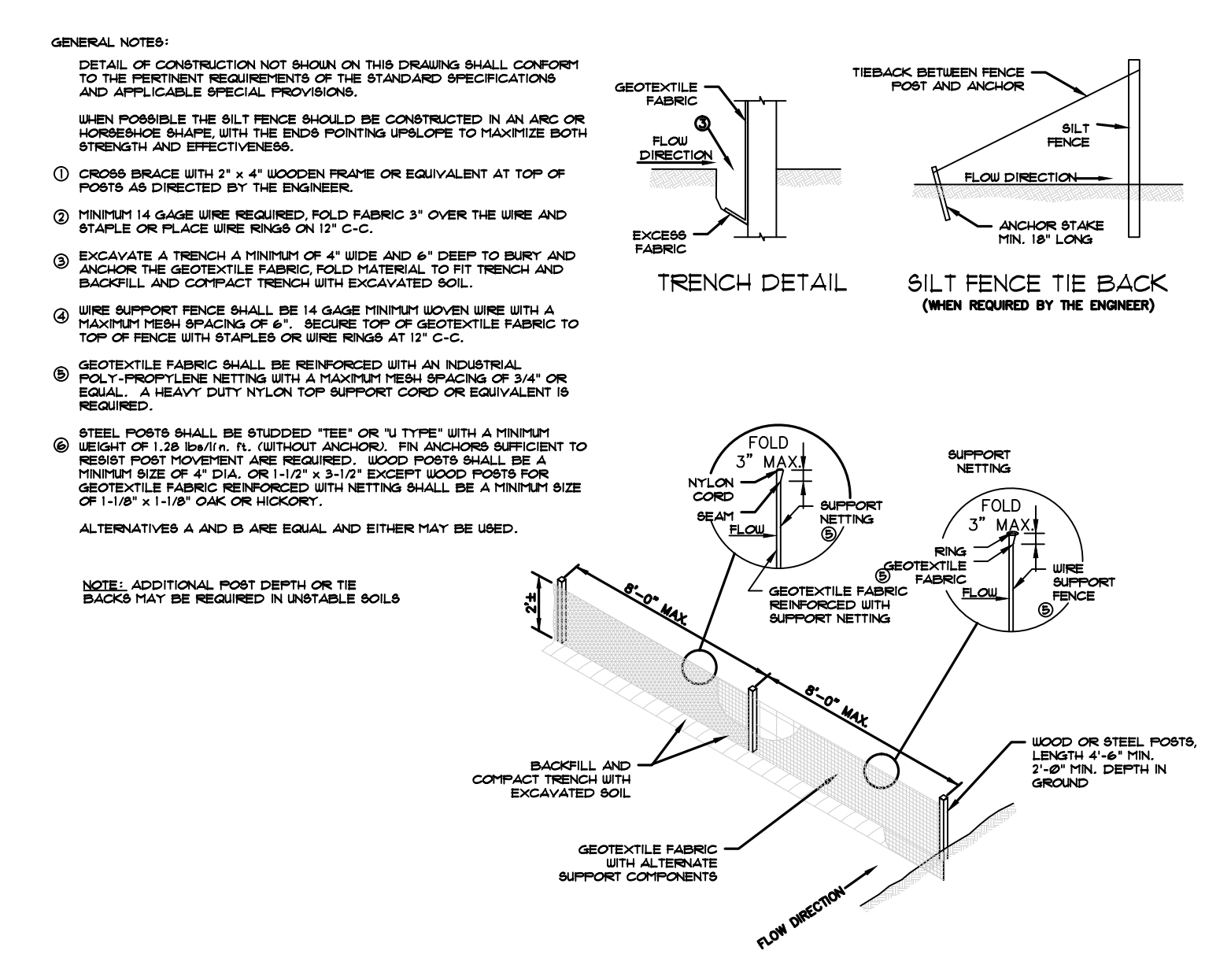
07 HANDICAP SIGN 603
NTS 11/19/10



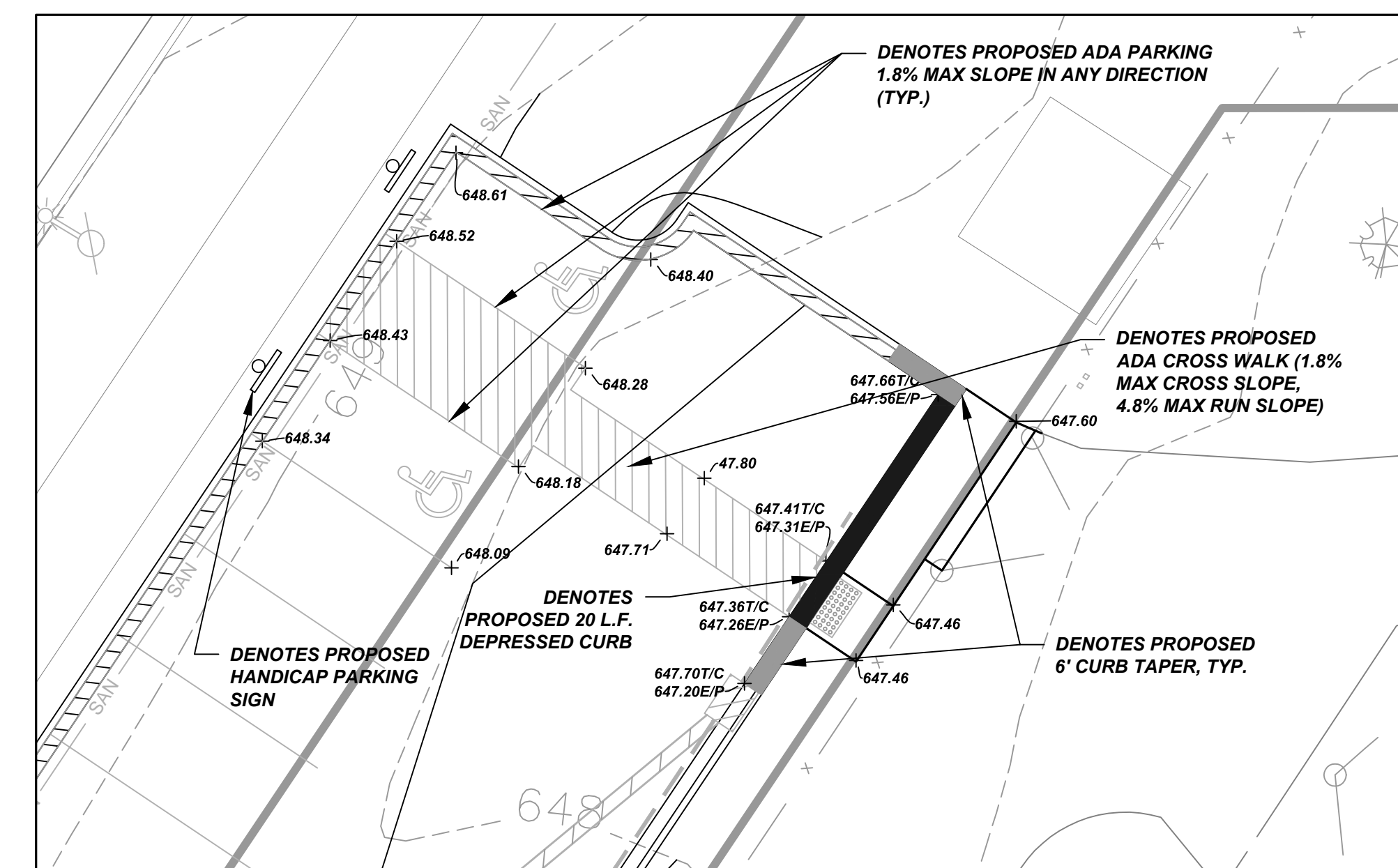
08 CATCH BASIN DETAIL 203
NTS 06/26/10



09 WEEP PIPE DETAIL 223
NTS 01/23/13



01 SILT FENCE DETAIL 101
NTS 05/26/15



10 ADA PARKING DETAIL SCALE: 1" = 10'