



Nielsen Madsen + Barber
CIVIL ENGINEERS AND LAND SURVEYORS

ADDENDUM 1
KUSD Bid No. 4904 F
KENOSHA UNIFIED SCHOOL DISTRICT (KUSD)
Lakeview K-8 Academy
68th St Vacation, Pick-up / Drop-off Loop Construction
6811 18th Avenue, Kenosha WI
November 12, 2025

CLARIFICATIONS:

- Construction staking, layout, as-builts, and city required submittals will be provided by Nielsen Madsen + Barber (NMB).
- Excavation for the former school will be backfilled by the City's contractor to elevation 619+/-.
- Proof rolls for on-site private improvements to be coordinated with KUSD and NMB.
- Testing & approvals all public improvements to be coordinate with the city of Kenosha or Kenosha Water Utility.
- All permits to be submitted and all fees paid for by the contractor. NMB will assist with any data needed for the erosion control permit.
- The project start date will be June 12th 2026 and must be completed by July 31, 2026.
- The RFP bid due date has not changed.
- Acknowledge Addendum 1 on the bid form.

PLAN MODIFICATIONS:

SHEETS C-3 & C-6

- The 7' wide concrete sidewalk has been extended between the loop road and the paved playground to the west.

SHEET C-7

- Rim / invert data has been added / updated for OCS's 2.0, 4.0, and 5.0.
- The design has been updated between STM MH 1.0 and OCS2.0.

SHEET C-11

- Sheet C-11 has been added which contains the construction details for OCS's 2.0, 4.0, and 5.0.
- A construction detail has been added for the RCP / PVC pipe transition Between STM MH 1.0 and OCS2.0.



SHEET E-1

- The missing light pole and associated conduits / wiring has been added by NMB graphically.
- The conduit stub for future lighting system extension has been extended 25 LF.
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SKETCH: Basement Floor Plan

- A LakeView K8 Academy Basement Floor Plan showing the location the electrical room and conduit route for the site lighting.

End of Addendum 1



KENOSHA

LEGEND

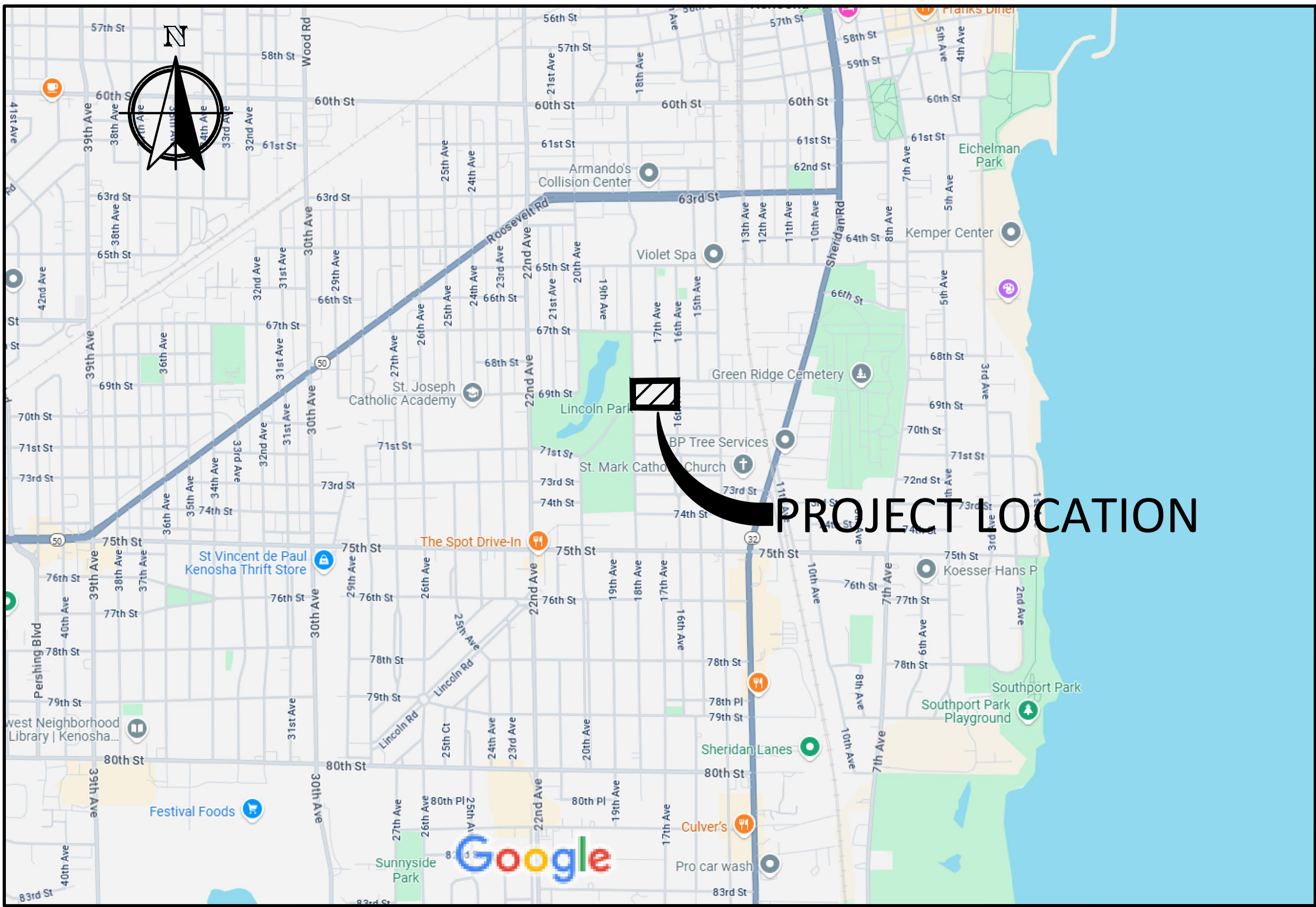
Description	Existing	Description	Existing	Proposed
EDGE OF WOODS		WATER SHUT OFF		
DECIDUOUS TREE		WATER MAIN VALVE/ GATE VALVE		
DECIDUOUS TREE REMOVAL		HYDRANT		
CONIFEROUS TREE		WATER MAIN REDUCER		
CONIFEROUS TREE REMOVAL		SANITARY MANHOLE		
BUSH		SANITARY CLEAN OUT		
SOIL BORING		STORM MANHOLE		
TELEPHONE BOX		CATCH BASIN/ CURB BOX INLET & MANHOLE		
GUY WIRE		LIGHT POLE		
UTILITY POLE		ENDWALL		
GAS VALVE		STORM SEWER		
GAS METER		SANITARY SEWER		
SEPTIC VENT/ CLEAN OUT		WATERMAIN		
ELECTRIC MANHOLE		CONTOURS		
COMMUNICATION MANHOLE		FIRE PROTECTION		
WATER MANHOLE		UTILITY CROSSING		
HVAC UNIT		DITCH OR SWALE		
UNDERGROUND VAULT		CULVERT		
SECTION CORNER		RAILROAD TRACKS		
MAIL BOX		FENCE		
GUARD POST		NO VEHICULAR ACCESS		
STREET SIGN		UNDERGROUND ELECTRIC		
ELECTRIC PEDESTAL		UNDERGROUND GAS MAIN		
ELECTRIC METER		UNDERGROUND COMMUNICATIONS		
PAD MOUNT TRANSFORMER		SILT FENCE		
FOUND IRON PIPE		OVERHEAD ELECTRIC		
SET IRON PIPE		FORCE MAIN		
SOIL CLASSIFICATION	WeB	DETECTABLE WARNINGS		
WELL		GAS METER		
		DOWNSPOUT		
		ELECTRICAL TRANSFORMER		
		BACK-UP GENERATOR		

ABBREVIATIONS

BASE LINE	BL	INVERT ELEVATION	IE
LONG CORD OF CURVE	CHD	LENGTH OF CURVE	ARC
CURB AND GUTTER	C&G	MANHOLE	MH
CATCH BASIN	CB	NORMAL WATER LEVEL	NWL
CENTERLINE	CL	POINT OF CURVATURE	PC
EDGE OF PAVEMENT	EOP	POINT OF TANGENCY	PT
FINISHED FIRST FLOOR	FFF	TANGENCY OF CURVE	TAN
FINISHED GRADE	FG	POINT OF VERTICAL INTERSECTION	PVI
FINISHED YARD GRADE	FYG	RADIUS	R
FLOW LINE	FL	RIGHT OF WAY	ROW
FLOODPLAIN	FP	SANITARY SEWER	SAN
ORDINARY HIGH WATER MARK	OHWM	STORM SEWER	STM
TOP OF BANK	TOB	HYDRANT	HYD
TOP OF CURB	TOC	WATER MAIN	WM
TOP OF WALK	TOW	GRADE BREAK	GRD.BRK.
TOP OF FOUNDATION	TOF	TYPICAL	TYP.

CONSTRUCTION PLANS
for
LAKEVIEW K-8 ACADEMY
68th St. VACATION & PICK-UP/DROP-OFF LOOP
SITE GRADING, DRAINAGE, UTILITY,
& PAVEMENT IMPROVEMENTS
for
KENOSHA UNIFIED SCHOOL DISTRICT
6811 18th Avenue, Kenosha, Wisconsin

ADDENDUM NO. 1



CONSTRUCTION NOTE

CONTRACTOR / OWNER TO CONTACT CITY INSPECTOR
AT 262-945-3475 AT LEAST TWENTY-FOUR (24)
HOURS IN ADVANCE OF STARTING WORK IN THE
PUBLIC RIGHT OF WAY.



UTILITY NOTE

EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES
ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL
INCLUSIVE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE
TYPE, LOCATION, SIZE AND ELEVATION OF UNDERGROUND UTILITIES
AS THEY DEEM NECESSARY FOR PROPOSED UTILITY CONNECTIONS
AND / OR TO AVOID DAMAGE THERETO, CONTRACTOR SHALL CALL
"DIGGER'S HOTLINE" PRIOR TO ANY CONSTRUCTION.

PUBLIC UTILITY CONTACTS

AT&T	SPECTRUM
BRENT LEWIS MANAGER OSP PLANNING & ENGINEERING DESIGN OFFICE: 262-636-0549 CELL: 414-429-4214 EMAIL: bl5121d@att.com	ROBERT TUNUTA UTILITY COORDINATOR OFFICE: 414-277-4205 CELL: 262-552-5688 EMAIL: tunuta@charter.net
TDS TELECOM	WE-ENERGIES
SOUTHEAST WISCONSIN OFFICE: 877-483-7142	ALLIE KLAWINSKI KENOSHA SOUTH OFFICE: 262-552-3227 EMAIL: Allie.Klawinski@we-energies.com
ALWAYS UNDERGROUND INC.	NATURAL GAS EMERGENCY: (800) 261-5325 ELECTRICAL EMERGENCY: (800) 662-4797
STEVE ADAMS SUPERINTENDENT CELL: 773-619-8333 EMAIL: steve.a@alwaysug.org	

SHEET INDEX

Plan Sheet	Sheet No.
TITLE SHEET	C-1
EXISTING CONDITIONS	C-2
DIMENSIONED SITE PLAN	C-3
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SITE LIGHTNING & PHOTOMETRIC PLAN	E-1 - E-3
LANDSCAPE PLAN	L-1 - L-2

OWNER

CITY OF KENOSHA
C/O: TIM CASEY
DIRECTOR OF CITY DEVELOPMENT
625 52ND STREET
KENOSHA, WI 53140
PHONE: (262) 653-4030
EMAIL: tcasey@kenosha.org

JOHN SETTER
KUSD DIRECTOR OF FACILITIES
3600 52ND STREET
KENOSHA, WI 53140
PHONE: (262) 359-6331
EMAIL: jsetter@kUSD.org

GOVERNING AGENCY CONTACTS

CITY OF KENOSHA - DEPARTMENT OF PUBLIC WORKS	CITY HALL
BRIAN CATER, P.E. DIRECTOR OF PUBLIC WORKS OFFICE: 262-653-4050 EMAIL: bcater@kenosha.org	625 52ND STREET KENOHS, WI 53140
GREG HOLVERSON, P.E. OFFICE: 262-653-4050 EMAIL: gholverson@kenosha.org	- ADMINISTRATION DAVID BOGDALA - MAYOR OFFICE: (262) 653-4000 EMAIL: mayor@kenosha.org
KIM MASURA, P.E., CFM OFFICE: 262-653-4155 EMAIL: kmasura@kenosha.org	- PLANNING AND DEVELOPMENT TIM CASEY - DIRECTOR OFFICE: (262) 653-4030 EMAIL: citydevelopment@kenosha.org
KENOSHA WATER UTILITY CURT CZARNECKI, P.E. GENERAL MANAGER OFFICE: 262-653-4300 EMAIL: cczarnecki@kenosha.org	- PLANNING & ZONING RICH SCHROEDER - DEPUTY DIRECTOR OFFICE: (262) 653-4034 EMAIL: rschroeder@kenosha.org
IAN BAGLEY, P.E. DIRECTOR OF ENGINEERING OFFICE: 262-653-4300 EMAIL: ibagley@kenosha.org	BRIAN WILKE - DEVELOPMENT COORDINATOR OFFICE: (262) 653-4049 EMAIL: bwilke@kenosha.org
WI DEPARTMENT OF NATURAL RESOURCES SONYA PONZI - WATER RESOURCE SPECIALIST OFFICE: 262-574-2136 EMAIL: erin.cox@wisconsin.gov	
PETER WOOD - WATER RESOURCES ENGINEER OFFICE: 262-884-2360 EMAIL: peter.wood@wisconsin.gov	



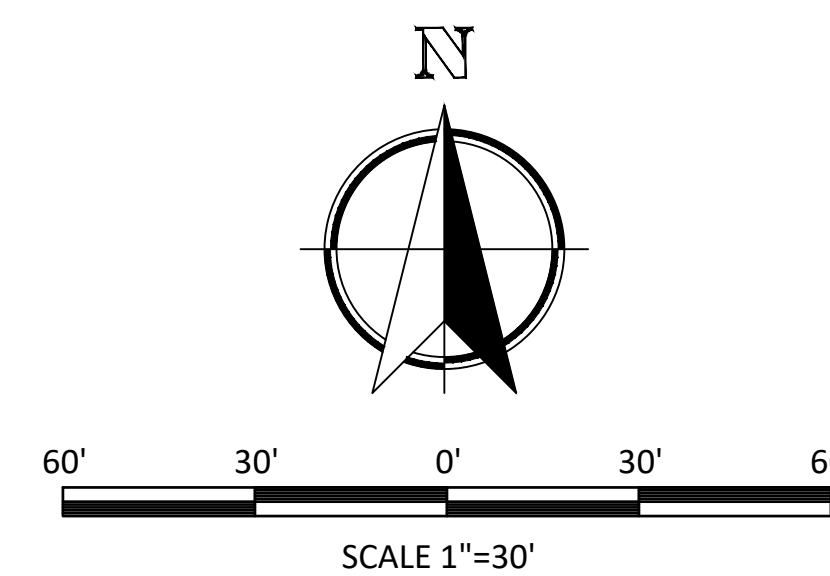
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1458 Horizon Blvd. Suite 200, Racine, WI. 53406
Tele: (262)634-5588 Website: www.nmbc.net

LAKEVIEW K-8 ACADEMY
68th St. VACATION & PICK-UP/DROP-OFF LOOP

FOR
KENOSHA UNIFIED SCHOOL DISTRICT
CITY OF KENOSHA, COUNTY OF KENOSHA, WISCONSIN

NO.	DATE	BY	REVISION
1	11-12-25	JPL	ADDENDUM #1
PROJ. MGR:	MDE		
DRAFTED:	JPL		
DATE:	11-3-2025		
CHECKED:	MDE		
DATE:	11-3-2025		
2025.0008.01			
SHEET			
C-1			

ISSUE FOR BIDS (11-3-2025)



NOTES

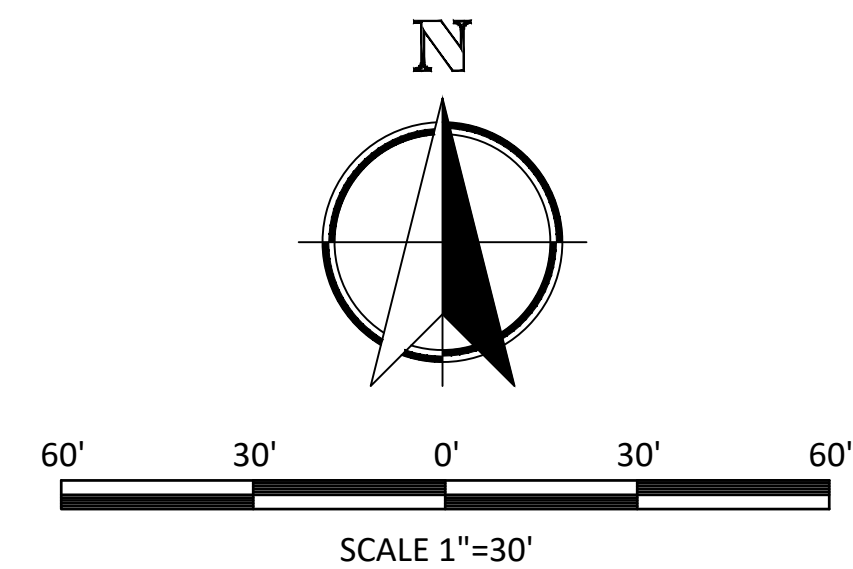
BEARING BASE: GRID NORTH, WISCONSIN
COORDINATE SYSTEM, SOUTH ZONE.
BASED UPON NAD 1983 / 2011.

ALL ELEVATIONS REFER TO NAVD 1988 (12).

LEGEND

	STORM MANHOLE		SANITARY MANHOLE		FLAG POLE
	CATCH BASIN		SANITARY SEWER		BASKETBALL HOOP
	STORM SEWER		POWER POLE		HAND RAIL
	LIGHT POLE		GUY WIRE		FENCE
	MISC. MANHOLE		HYDRANT		OVERHEAD WIRES
	COMMUNICATION LINE		WATER VALVE		SIGN
	DECIDUOUS TREE		WATER MAIN		BENCH
	COMMUNICATION BOX				

EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE TYPE, LOCATION, SIZE AND ELEVATION OF UNDERGROUND UTILITIES AS THEY DEEM NECESSARY FOR PROPOSED UTILITY CONNECTIONS AND D/ OR TO AVOID DAMAGE THERETO, CONTRACTOR SHALL CALL "DIGGER'S HOTLINE" PRIOR TO ANY CONSTRUCTION.



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LEGEND

- | | |
|---|---|
|  | PROPOSED CONCRETE SIDEWALK |
|  | PROPOSED LAWN |
|  | CRACK FILL, SEAL COAT, AND RESTRIPE PAVEMENT (JOINT AND CRACK SEALING TO TAKE PLACE AFTER IN-FILL PAVEMENT PATCH) |

JOINT & CRACK ROUTING AND SEALING SPECIFICATIONS

- i. PROVIDE JOINT SEALANTS AND OTHER RELATED MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH JOINT SUBSTRATES UNDER CONDITIONS OF SERVICE AND APPLICATION, AS DEMONSTRATED BY JOINT SEALANT MANUFACTURER BASED ON TESTING AND FIELD EXPERIENCE.
- ii. THE SEALER SHALL BE A PREMIUM QUALITY ELASTIC TYPE, HOT POUR ASPHALT JOINT SEALER MEETING THE MINIMUM ASTM D6690 SPECIFICATION FOR HOT POUR RUBBER ASPHALT JOINT SEALANTS.
- iii. ALL JOINTS AND CRACKS BETWEEN ¼-INCH AND ¾-INCH IN WIDTH MUST BE ROUTED TO A MINIMUM OF A 2:1 RATIO (WIDTH VERSUS DEPTH).
- iv. CRACKS SMALLER THAN ¼-INCH AND LARGER THAN ¾-INCH SHALL BE CLEANED USING AN AIR COMPRESSOR AND HIGH-PRESSURE AIR LANCE.
- v. ALL JOINTS BETWEEN ASPHALT AND CONCRETE PAVEMENTS, CURBS, AND GUTTERS SHALL BE ROUTED (IF APPLICABLE) AND SEALED.
- vi. UPON COMPLETION OF THE CRACK ROUTING AND CLEANING, THE PAVEMENT SURFACE SHALL BE BLOWN FREE OF ALL ROUTED DEBRIS.
- vii. ALL JOINTS AND CRACKS SHALL BE PRESSURE FILLED WITH A WAND APPLICATOR FROM THE BOTTOM UP.
- viii. CRACKS SHALL BE SLIGHTLY OVERFILLED AND SQUEEGEED TO CREATE AN OVER BAND ONE INCH (1") WIDE ON EACH SIDE OF THE ROUTED RESERVOIR.
- ix. ALL JOINTS AND CRACKS SHALL BE PROTECTED TO PREVENT ANY MATERIAL FROM TRACKING WHEN THERE IS A NEED TO OPEN TO TRAFFIC.
- x. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN A MANNER THAT WILL CAUSE THE LEAST INTERFERENCE TO TRAFFIC MOVEMENTS.

SEAL COATING SPECIFICATIONS

- i. PROVIDE MATERIALS IN ACCORDANCE WITH SECTION 475.2 OF THE "STATE SPECIFICATIONS."
 1. MATERIAL SHALL BE A POLYMER MODIFIED ASPHALT EMULSION.
- ii. PERFORM SEAL COATING WORK IN ACCORDANCE WITH SECTION 475.3 OF THE "STATE SPECIFICATIONS."
- iii. PRIOR TO SEAL COATING, THE CONTRACTOR SHALL TREAT ALL OIL AND PETROLEUM STAINS WITH PETRO SEAL (OR APPROVED EQUAL) PER MANUFACTURERS' SPECIFICATIONS.
- iv. PROVIDE TWO (2) APPLICATIONS OF POLYMER MODIFIED ASPHALT EMULSION COATING IN ALL AREAS.
 1. ALLOW EACH COAT TO CURE SUFFICIENTLY WITHOUT SCUFFING.
 2. ALLOW THE FINAL COAT TO CURE A MINIMUM OF TWENTY-FOUR (24) HOURS UNDER GOOD DRYING CONDITIONS BEFORE ALLOWING TRAFFIC.
- v. CONTRACTOR SHALL PROVIDE STRAIGHT LINES ALONG GUTTERS, SHOULDERS, INTERSECTIONS, AND OTHER EDGES.

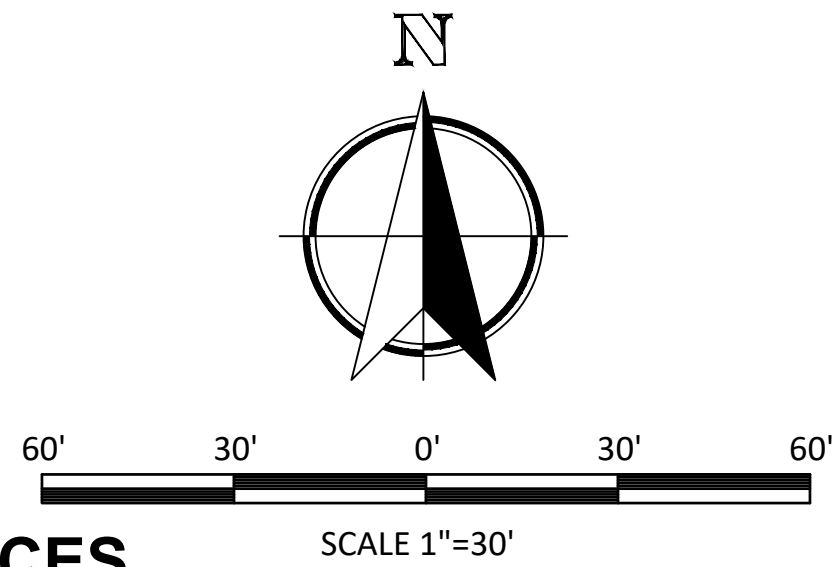
PAVEMENT MARKING NOTES

- i. CONTRACTOR SHALL VERIFY PAVEMENT MARKING COLOR WITH OWNER PRIOR TO CONSTRUCTION.
- ii. PROVIDE CONTRACTOR GRADE ACRYLIC PAINT FOR NEW ASPHALT OR COATED ASPHALT. ALL MARKING SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- iii. THOROUGHLY CLEAN SURFACES FREE OF DIRT, SAND, GRAVEL, OIL AND OTHER FOREIGN MATTER. CONTRACTOR RESPONSIBLE FOR INSPECTING PAVEMENT SURFACE FOR CONDITIONS AND DEFECTS THAT WILL ADVERSELY AFFECT QUALITY OF WORK.
- iv. DO NOT PLACE MARKING OVER UNSOUND PAVEMENTS. IF THESE AREAS EXIST, NOTIFY OWNER. STARTING INSTALLATION CONSTITUTES CONTRACTOR'S ACCEPTANCE OF SURFACE AS SUITABLE FOR INSTALLATION.
- v. LAYOUT MARKINGS USING GUIDE LINES, TEMPLATES AND FORMS. STENCILS AND TEMPLATES SHALL BE PROFESSIONALLY MADE TO INDUSTRY STANDARDS. "FREE HAND" PAINTING OF ARROWS, SYMBOLS, OR WORDING SHALL NOT BE ALLOWED. APPLY STRIPES STRAIGHT AND EVEN.
- vi. PROTECT ADJACENT CURBS, WALKS, FENCES, AND OTHER ITEMS FROM OVERSPRAY PAINT.
- vii. APPLY MARKING PAINT AS A RATE OF ONE (1) GALLON PER THREE TO FOUR HUNDRED (300-400) LINEAL FEET OF FOUR (4) INCH WIDE STRIPES (OR TO MANUFACTURERS SPECIFICATIONS).
- viii. BARRICADE MARKED AREAS DURING INSTALLATION AND UNTIL THE MARKING PAINT IS DRIED AND READY FOR TRAFFIC.
- ix. ALL HANDICAPPED ACCESSIBLE PARKING SHALL BE LOCATED PER 2009 IBC 1106.6.

ALTERNATE BID LEGEND

-  (ALTERNATE BID #2) CRACK FILL, SEAL COAT, AND RESTRIPE PAVEMENT

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STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, SIXTH EDITION, DECEMBER 22, 2003 WITH ADDENDA NO. 1 AND NO. 2, HEREIN REFERRED TO AS "STANDARD SPECIFICATIONS".

STATE OF WISCONSIN, STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, CURRENT EDITION, HEREIN REFERRED TO AS "STATE SPECIFICATIONS". THE CURRENT VERSION OF THE "STATE SPECIFICATIONS" IS AVAILABLE ON THE WISDOT WEBSITE ([HTTPS://WISCONSIN.DOT.GOV/PAGES/DOING-BUS/ENG-CONSULTANTS/CNSLT-RSRCES/RDWAY/STNDSPEC.ASPX](https://wisconsin.dot.gov/PAGES/DOING-BUS/ENG-CONSULTANTS/CNSLT-RSRCES/RDWAY/STNDSPEC.ASPX)).

STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, SIXTH EDITION, DECEMBER 22, 2003 WITH ADDENDA NO. 1 AND NO. 2, HEREIN REFERRED TO AS "STANDARD SPECIFICATIONS".

THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSAL AT A LOCATION APPROVED (BY ALL GOVERNING AUTHORITIES) OF ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PAVEMENTS, DRIVES, DRAINAGE STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLY COMPACTED FILL MATERIAL PER THE SPECIFICATIONS.

THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION, SITE CLEARING, AND DISPOSAL.

THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.

THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE LAND SURVEYOR AND ENGINEER OF RECORD ASSUME NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ON-SITE LOCATIONS OF EXISTING UTILITIES.

ALL EXISTING SEWERS, PIPING, AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CALL DIGGERS HOTLINE AT 1-800-242-8511 A MINIMUM OF 3 WORKING DAYS PRIOR TO EXCAVATION ACTIVITIES TO LOCATE AND MARK ALL UNDERGROUND UTILITIES.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HIRE A PRIVATE UTILITY LOCATING SERVICE TO LOCATE AND MARK ALL UNDERGROUND PRIVATE UTILITIES.

CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH SIGNS, FENCING, BARRICADES, ENCLOSURES, ETC., (AND OTHER APPROPRIATE BEST MANAGEMENT PRACTICES) AS APPROVED BY THE CONSTRUCTION MANAGER. TEMPORARY CLOSURE OF ANY PUBLIC ROADWAY OR SIDEWALK SHALL BE APPROVED BY THE AUTHORITY HAVING JURISDICTION.

CONTINUOUS ACCESS SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AT ALL TIMES DURING THE COURSE OF WORK.

PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.

EXISTING ITEMS TO REMAIN INCLUDING, BUT NOT LIMITED TO, FENCES, SIGNS, UTILITIES, BUILDINGS, TREES, PAVEMENTS, AND LIGHT POLES SHALL BE CAREFULLY PROTECTED DURING THE DEMOLITION PROCESS. ANY DAMAGE SUSTAINED TO ITEMS TO REMAIN IN PLACE SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AT NO ADDITIONAL COST TO THE OWNER.

PROPERTY CORNERS AND BENCHMARKS SHALL BE CAREFULLY PROTECTED UNTIL THEY HAVE BEEN REFERENCED BY A PROFESSIONAL LAND SURVEYOR. PROPERTY MONUMENTS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE AT NO ADDITIONAL COST TO THE OWNER.

CONTRACTOR SHALL LIMIT PAVEMENT REMOVALS TO ONLY THOSE AREAS AS SHOWN ON THESE CONSTRUCTION PLANS OR AS NECESSARY TO COMPLETE THE WORK. CONCRETE SIDEWALK AND CURB & GUTTER IS TO BE REMOVED TO NEAREST JOINT IN ORDER TO ACCOMMODATE PROPOSED IMPROVEMENTS. IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENTS AND/OR OTHER IMPROVEMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPAIR OF DAMAGED PAVEMENT AND OTHER ITEMS AT NO ADDITIONAL COST TO THE OWNER.

ABANDONMENT OF UTILITIES (IF REQUIRED) SHALL BE IN ACCORDANCE WITH SECTION 3.2.24 OF THE "STANDARD SPECIFICATIONS".

MODIFICATIONS TO PUBLIC SANITARY SEWER AND WATER SYSTEMS TO BE IN ACCORDANCE WITH KWU SPECIFICATIONS AND DETAILS.

ALL PUBLIC SIDEWALKS, CURBS OR PAVEMENTS DISTURBED DURING CONSTRUCTION SHALL BE SAW CUT AT THE NEAREST JOINT AND REPLACED IN KIND PER THE "CITY OF KENOSHA SPECIFICATIONS"

IF PREVIOUSLY UNIDENTIFIED HAZARDOUS, CONTAMINATED MATERIALS, OR OTHER ENVIRONMENTAL RELATED CONDITIONS ARE DISCOVERED, STOP WORK IMMEDIATELY AND NOTIFY THE PROJECT CONSTRUCTION MANAGER FOR ACTION TO BE TAKEN. DO NOT RESUME WORK UNTIL SPECIFICALLY AUTHORIZED BY THE CONSTRUCTION MANAGER.

AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED, EXCESS, WASTE, STOCKPILED AND SPOIL MATERIAL IN ACCORDANCE WITH SECTION 205.3.12 OF THE "STATE SPECIFICATIONS". THIS WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.

	EXISTING BUILDING (TO BE DEMOLISHED BY OTHERS)
	REMOVE ASPHALT PAVEMENT & BASE
	REMOVE CONCRETE SIDEWALK
	REMOVE CONCRETE SIDEWALK (ALTERNATE BID #1)
	SIDEWALK TO BE REMOVED (BY OTHERS)

- | | |
|---|--|
|  | DEMOLISH FENCE, POSTS, AND FOUNDATIONS AND INSTALL NEW END POSTS |
|  | SAW CUT PAVEMENT (FULL DEPTH) |
|  | REMOVE CONCRETE CURB AND GUTTER |
|  | REMOVE CATCH BASIN AND LEAD AND REPAIR OPENING IN STM 1 WITH WATERTIGHT SEAL |
|  | OVERHEAD POWER LINES TO BE REMOVED WITH BUILDING DEMOLITION BY OTHERS (NOT IN CONTACT) |

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Tel: (262) 634-5588 Website: www.nmbasc.net

LAKEVIEW K-8 ACADEMY
68th ST. VACATION & PICK-UP/DROP-OFF LOOP
 SITE CLEARING & DEMOLITION PLAN
 FOR
 KENOSHA UNIFIED SCHOOL DISTRICT
 CITY OF KENOSHA, COUNTY OF KENOSHA, WISCONSIN

ISSUE FOR BIDS (11-3-2025)



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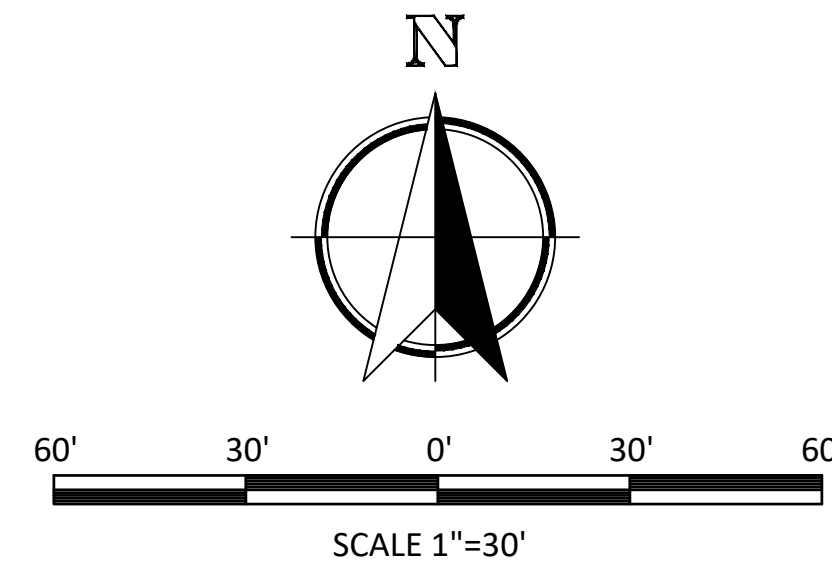
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LAKEVIEW K-8 ACADEMY
68th ST. VACATION & PICK-UP/DROP-OFF LOOP
PAVEMENT GRADING & MARKING PLAN

FOR
KENOSHA UNIFIED SCHOOL DISTRICT
CITY OF KENOSHA, COUNTY OF KENOSHA, WISCONSIN

ISSUE FOR BIDS (11-3-2025)



PAVEMENT SPECIFICATIONS

DENSE AGGREGATE BASE COURSE SHALL MEET THE REQUIREMENTS OF SECTION 305 OF THE "STATE SPECIFICATIONS". THE COMPLETED BASE SHALL BE IN ACCORDANCE WITH THE "TYPICAL SECTIONS & CONSTRUCTION DETAILS" SHEET(S) OF THE PLAN SET AND SHALL BE CONSTRUCTED IN FOUR-INCH (4") LIFTS AND COMPACTED ACCORDING TO SUBSECTION 305.3.2.2 OF THE "STATE SPECIFICATIONS". DENSE AGGREGATE BASE COURSE SHALL EXTEND A MINIMUM OF TWELVE-INCHES (12") BEYOND THE EDGE OF PAVEMENT OR BACK OF CURB.

ASPHALTIC CONCRETE PAVEMENT SHALL BE WISDOT LT 58-28 S MEETING THE REQUIREMENTS OF SECTION 460 OF THE "STATE SPECIFICATIONS". PAVEMENT SHALL BE INSTALLED IN TWO (2) LIFTS IN ACCORDANCE WITH THE "TYPICAL SECTIONS & CONSTRUCTION DETAILS" SHEET(S) OF THE PLAN SET. A TACK COAT SHALL BE INSTALLED BETWEEN THE LOWER AND UPPER COURSES IN ACCORDANCE WITH SECTION 455.3.2 OF THE "STATE SPECIFICATIONS".

CONCRETE FOR CURB & GUTTER SHALL BE GRADE A-FA, AIR-ENTRAINED, AS SPECIFIED IN SUBSECTION 501.3.1 OF THE "STATE SPECIFICATIONS". ALL EXTERIOR CONCRETE SHALL BE "READY-MIXED" AND RECEIVE A BROOM FINISH. ALL CONCRETE WORK SHALL BE CURED IN ACCORDANCE WITH THE REQUIREMENTS OF SUBSECTION 415.2.4 OF THE "STATE SPECIFICATIONS".

CONCRETE CURB AND GUTTER SHALL BE 18" VERTICAL FACE CURB CONFORMING TO THE "TYPICAL SECTIONS & CONSTRUCTION DETAILS" SHEET(S) AND SECTION 601 OF THE "STATE SPECIFICATIONS". CURB & GUTTER SHALL BE "REVERSE PAN CURB" OR "STANDARD CURB" AS INDICATED BY THE LEGEND AND INSTALLED IN A MANNER TO SHED STORM WATER RUNOFF TOWARDS THE DRAINAGE STRUCTURES.

CONTRACTION JOINTS SHALL BE AT TEN-FOOT (10') INTERVALS FOR CURB AND GUTTER AND MATCH THE WIDTH FOR CONCRETE SIDEWALKS.

EXPANSION JOINTS SHALL BE PLACED AS OUTLINED IN SUBSECTION 601.3.6 OF THE "STATE SPECIFICATIONS". FILLER MATERIAL FOR EXPANSION JOINTS SHALL BE 1/2" FIBER MATERIAL.

CONTRACTOR SHALL ADJUST AND/OR RECONSTRUCT ALL UTILITY COVERS (SUCH AS MANHOLES, VALVE BOXES, ETC.) TO MATCH THE FINISHED GRADES OF THE AREA AFFECTED BY THE CONSTRUCTION.

PAVEMENT MARKING NOTES

CONTRACTOR SHALL VERIFY PAVEMENT MARKING COLOR WITH OWNER PRIOR TO CONSTRUCTION.

PROVIDE CONTRACTOR GRADE ACRYLIC PAINT FOR NEW ASPHALT OR COATED ASPHALT. ALL MARKING SHALL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

THOROUGHLY CLEAN SURFACES FREE OF DIRT, SAND, GRAVEL, OIL AND OTHER FOREIGN MATTER. CONTRACTOR RESPONSIBLE FOR INSPECTING PAVEMENT SURFACE FOR CONDITIONS AND DEFECTS THAT WILL ADVERSELY AFFECT QUALITY OF WORK.

DO NOT PLACE MARKING OVER UNSOUND PAVEMENTS. IF THESE AREAS EXIST, NOTIFY OWNER. STARTING INSTALLATION CONSTITUTES CONTRACTOR'S ACCEPTANCE OF SURFACE AS SUITABLE FOR INSTALLATION.

LAYOUT MARKINGS USING GUIDE LINES, TEMPLATES AND FORMS. STENCILS AND TEMPLATES SHALL BE PROFESSIONALLY MADE TO INDUSTRY STANDARDS. "FREE HAND" PAINTING OF ARROWS, SYMBOLS, OR WORDING SHALL NOT BE ALLOWED. APPLY STRIPES STRAIGHT AND EVEN.

PROTECT ADJACENT CURBS, WALKS, FENCES, AND OTHER ITEMS FROM OVERSPRAY PAINT.

APPLY MARKING PAINT AS A RATE OF ONE (1) GALLON PER THREE TO FOUR HUNDRED (300-400) LINEAL FEET OF FOUR (4) INCH WIDE STRIPES (OR TO MANUFACTURERS SPECIFICATIONS).

BARRICADE MARKED AREAS DURING INSTALLATION AND UNTIL THE MARKING PAINT IS DRIED AND READY FOR TRAFFIC.

ALL HANDICAPPED ACCESSIBLE PARKING SHALL BE LOCATED PER 2009 IBC 1106.6.

SIGN / POST LEGEND

 = SIGN (DETAIL 5) MOUNTED ON POST (DETAIL 7)
AS SHOWN ON SHEET C-10

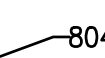
PAVEMENT MARKING LEGEND

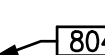
SYSL/4" - SINGLE YELLOW SOLID LINE / 4" WIDE EACH

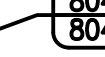
SYSL/4"/45'/4" - SINGLE YELLOW SOLID LINE / 4" WIDE EACH, 45', 4' O.C.

ISA-W/B - INTERNATIONAL SYMBOL FOR ACCESSIBILITY - WHITE ON BLUE BACKGROUND

PAVEMENT GRADING LEGEND

 804.85 EXISTING SURFACE SPOT GRADES

 804.85 PROPOSED SURFACE SPOT GRADES

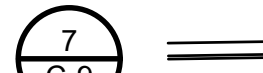
 804.85 PROPOSED TOP OF CURB GRADE
 804.85 PROPOSED FLANGE OF CURB GRADE

 3 C-9 LIGHT-DUTY CONCRETE PAVEMENT

 5 C-9 LIGHT-DUTY ASPHALT PAVEMENT (3 3/4")

 6 C-9 MEDIUM-DUTY ASPHALT PAVEMENT (5")

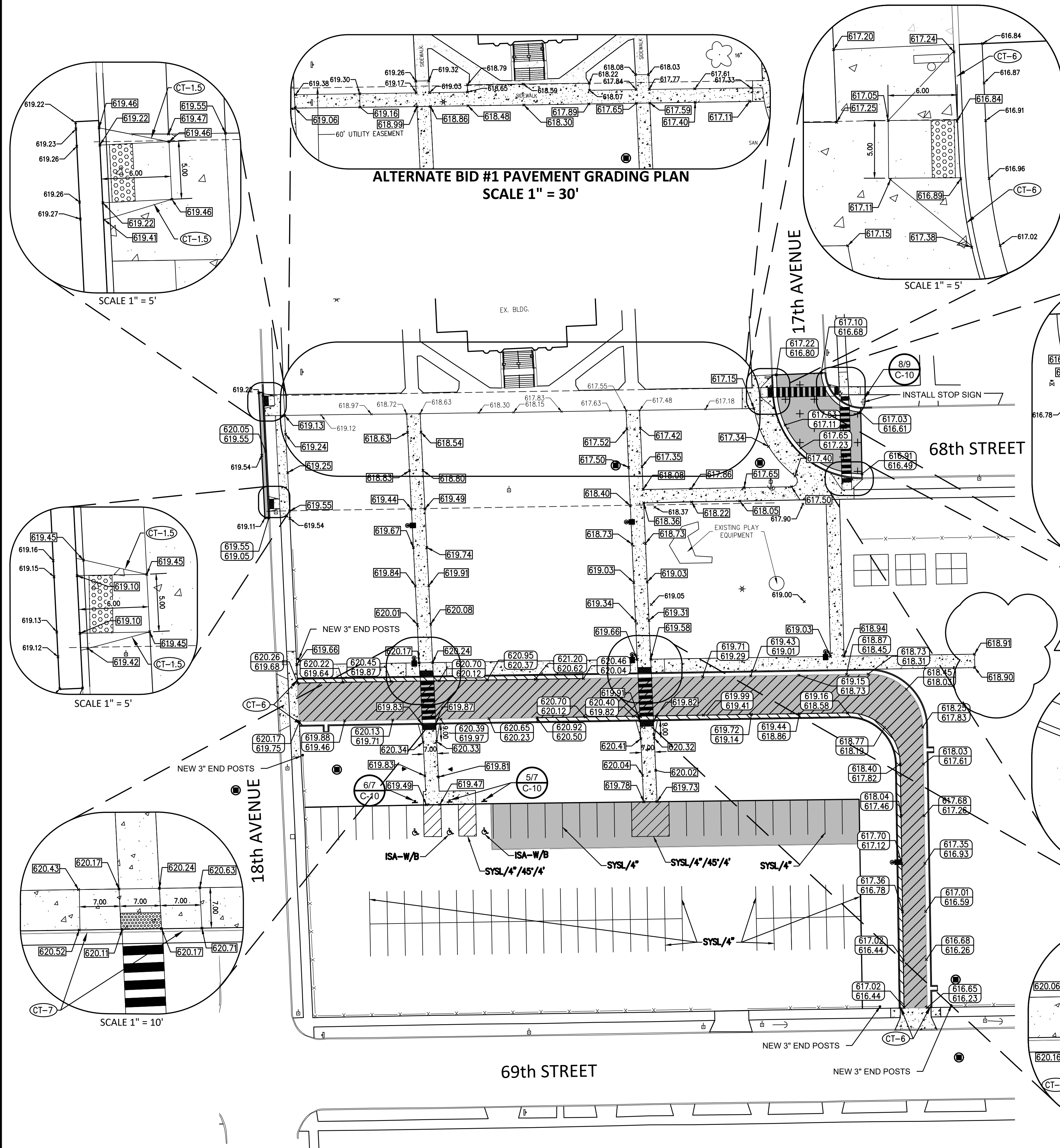
 1 C-11 PUBLIC ROADWAY ASPHALT PAVEMENT (8")

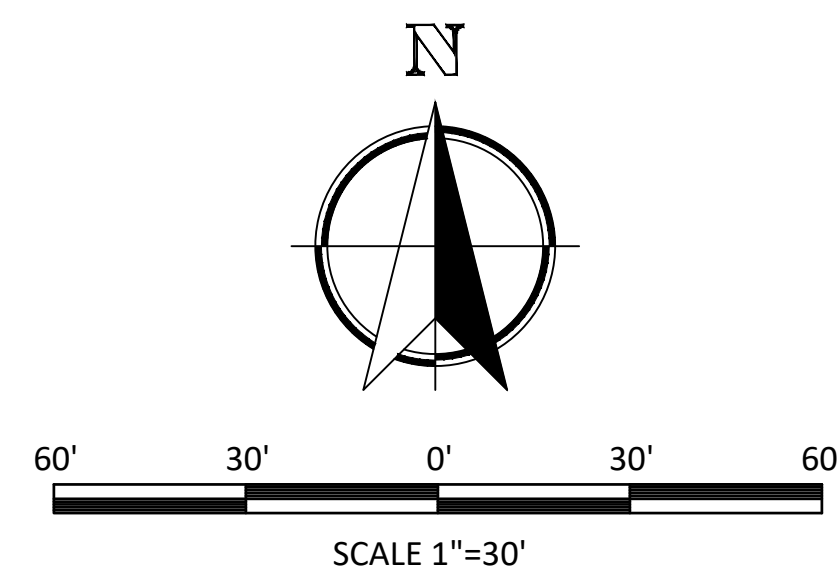
 7 C-9 30" VERTICAL FACE ACCEPTING PAN CURB & GUTTER

 8 C-9 30" VERTICAL FACE REVERSE PAN CURB & GUTTER

UTILITY NOTE

EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE TYPE, LOCATION, SIZE AND ELEVATION OF UNDERGROUND UTILITIES AS THEY DEEM NECESSARY FOR PROPOSED UTILITY CONNECTIONS AND / OR TO AVOID DAMAGE THERETO, CONTRACTOR SHALL CALL "DIGGER'S HOTLINE" PRIOR TO ANY CONSTRUCTION





EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE TYPE, LOCATION, SIZE AND ELEVATION OF UNDERGROUND UTILITIES AS THEY DEEM NECESSARY FOR PROPOSED UTILITY CONNECTIONS AND / OR TO AVOID DAMAGE THERETO. CONTRACTOR SHALL CALL "DIGGER'S HOTLINE" PRIOR TO ANY CONSTRUCTION.

MATERIAL FOR STORM SEWERS SHALL BE IN ACCORDANCE WITH THE STATE OF WISCONSIN DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES (SPS) AND THE CITY OF KENOSHA SPECIFICATIONS.

STORM SEWER CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS"

STORM SEWER PIPE AND TUBING MATERIALS SHALL CONFORM TO SPS 384.30 OF THE WISCONSIN ADMINISTRATIVE CODE. REINFORCED CONCRETE PIPE (RCP) AND POLYVINYL CHLORIDE (PVC) MATERIALS SHALL BE SELECTED FROM TABLE 384.30-6. CORRUGATED HIGH DENSITY POLYETHYLENE (HDPE) PIPE MATERIAL (IF SELECTED) SHALL MEET THE REQUIREMENTS OF AASHTO M-252 FOR 4"-10" DIAMETER SIZES AND AASHTO M294 FOR 12"-48" DIAMETER SIZES.

BEDDING AND COVER MATERIAL SHALL BE SAND, CRUSHED STONE CHIPS OR CRUSHED STONE SCREENINGS CONFORMING TO CHAPTER 8.43.2 OF THE "STANDARD SPECIFICATIONS".

ALL STORM MANHOLES INSTALLED IN EXISTING OR PROPOSED PAVED AREAS SHALL BE BACKFILLED WITH COMPACTED GRANULAR MATERIAL IN ACCORDANCE WITH TABLE 37, CHAPTER 8.4.3 OF THE "STANDARD SPECIFICATIONS". BACKFILL MATERIAL SHALL EXTEND A MINIMUM OF FIVE FEET (5') OUTSIDE OF THE PAVEMENT LIMITS. TRENCHES RUNNING PARALLEL TO AND LESS THAN FIVE FEET (5') FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE COMPACTED GRANULAR BACKFILL.

A BROWN 12-GAUGE TRACER WIRE SHALL BE INSTALLED THE ENTIRE LENGTH OF ALL PRIVATE STORM SEWERS, ROOF DRAINS AND STORM BUILDING SEWER LATERALS PER SPS 382.36(7)(d)10.

STORM MANHOLES SHALL BE 48" REINFORCED CONCRETE STRUCTURES, UNLESS OTHERWISE NOTED. INLETS SHALL BE 24"x36" REINFORCED CONCRETE STRUCTURES FURNISHED AND INSTALLED WITH A NEENAH R-3067, TYPE "I" FRAME & GRATE UNLESS OTHERWISE NOTED. CATCH BASINS INSTALLED IN LAWN AREAS AND ACCEPTING RUNOFF SHALL BE FURNISHED WITH A NEENAH R-2080 FRAME & GRATE.

ALL INLETS AND CATCH BASINS SHALL BE FURNISHED WITH A MINIMUM 12" SUMP.

ALL STORM SEWERS STRUCTURES SHALL BE CONSTRUCTED WITH WATER AND GAS TIGHT JOINTS IN CONFORMANCE WITH SPS 384.40.

AT THE COMPLETION OF THE PROJECT THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED, EXCESS, WASTE, STOCKPILED AND SPOIL MATERIAL IN ACCORDANCE WITH SECTION 205.3.12 OF THE "STATE SPECIFICATIONS". THIS WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.

SANITARY SEWER MANHOLES WITHIN 68TH STREET AFFECTED BY THE CONSTRUCTION SHALL HAVE THE CHIMNEYS RECONSTRUCTED WITH NEW ADJUSTMENT RINGS AND AN INTERNAL/EXTERNAL CHIMNEY SEAL INSTALLED PER KENOSHA WATER UTILITY SPECIFICATIONS.

MODIFICATIONS TO PUBLIC SANITARY SEWER AND WATER SYSTEMS TO BE IN ACCORDANCE WITH KWU SPECIFICATIONS AND DETAILS.

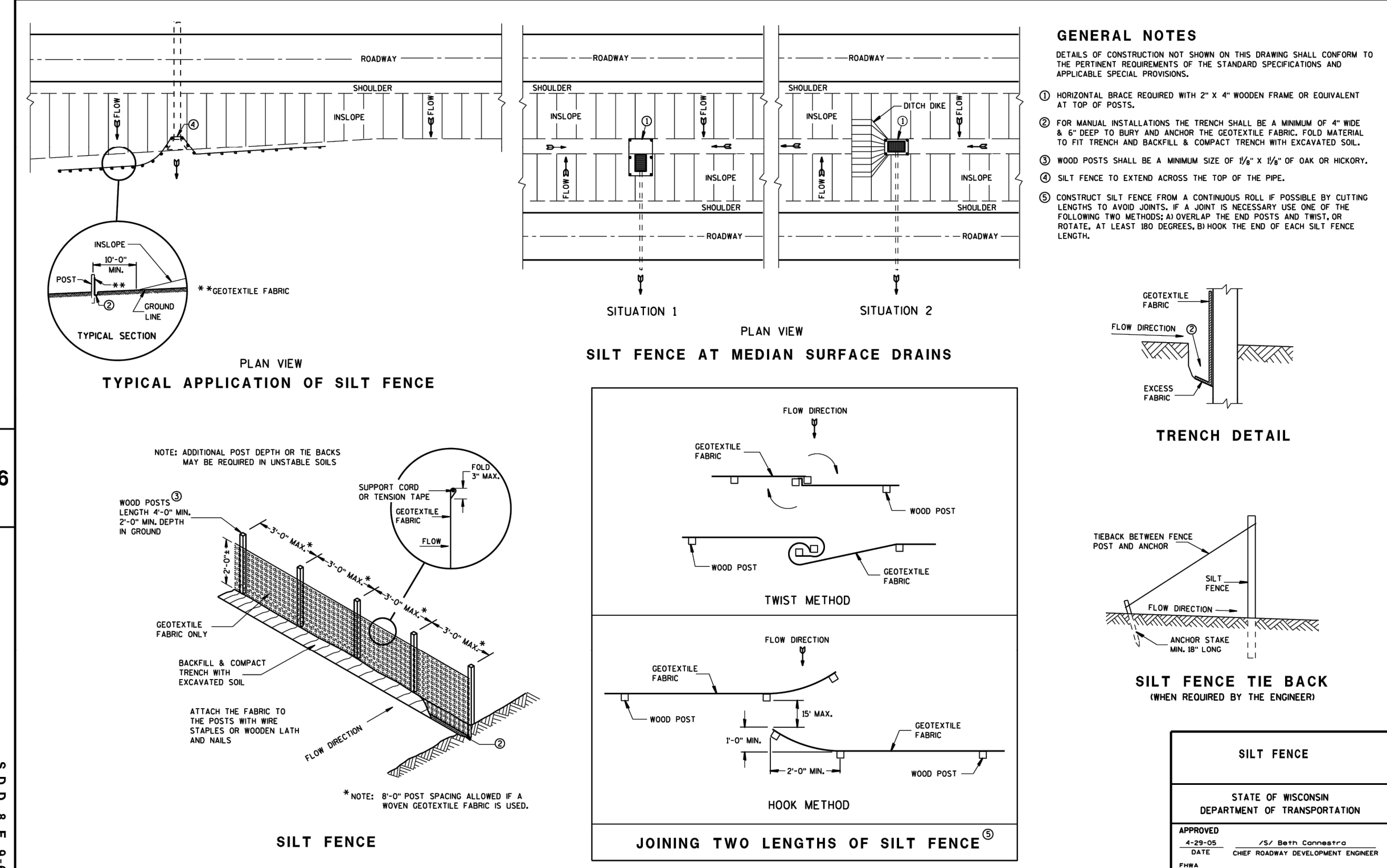
WATERMAIN VALVE BOXES AFFECTED BY THE CONSTRUCTION SHALL BE RAISED TO THE PROPOSED FINISHED GRADE. FURNISH AND INSTALL NEW VALVE BOX RISERS & CAPS PER KENOSHA WATER UTILITY SPECIFICATIONS.

- ① ADJUST SANITARY MANHOLE TO NEW FINISHED GRADE. INSTALL NEW ADJUSTMENT RINGS AND INTERNAL/EXTERNAL SEAL.
- ② ADJUST VALVE BOX TO NEW FINISHED GRADE. FURNISH AND INSTALL NEW VALVE BOX PER KWU.

— S — EXISTING SANITARY MAIN
— W — EXISTING WATER MAIN
— SW — EXISTING STORM SEWER
— (— PROPOSED STORM SEWER

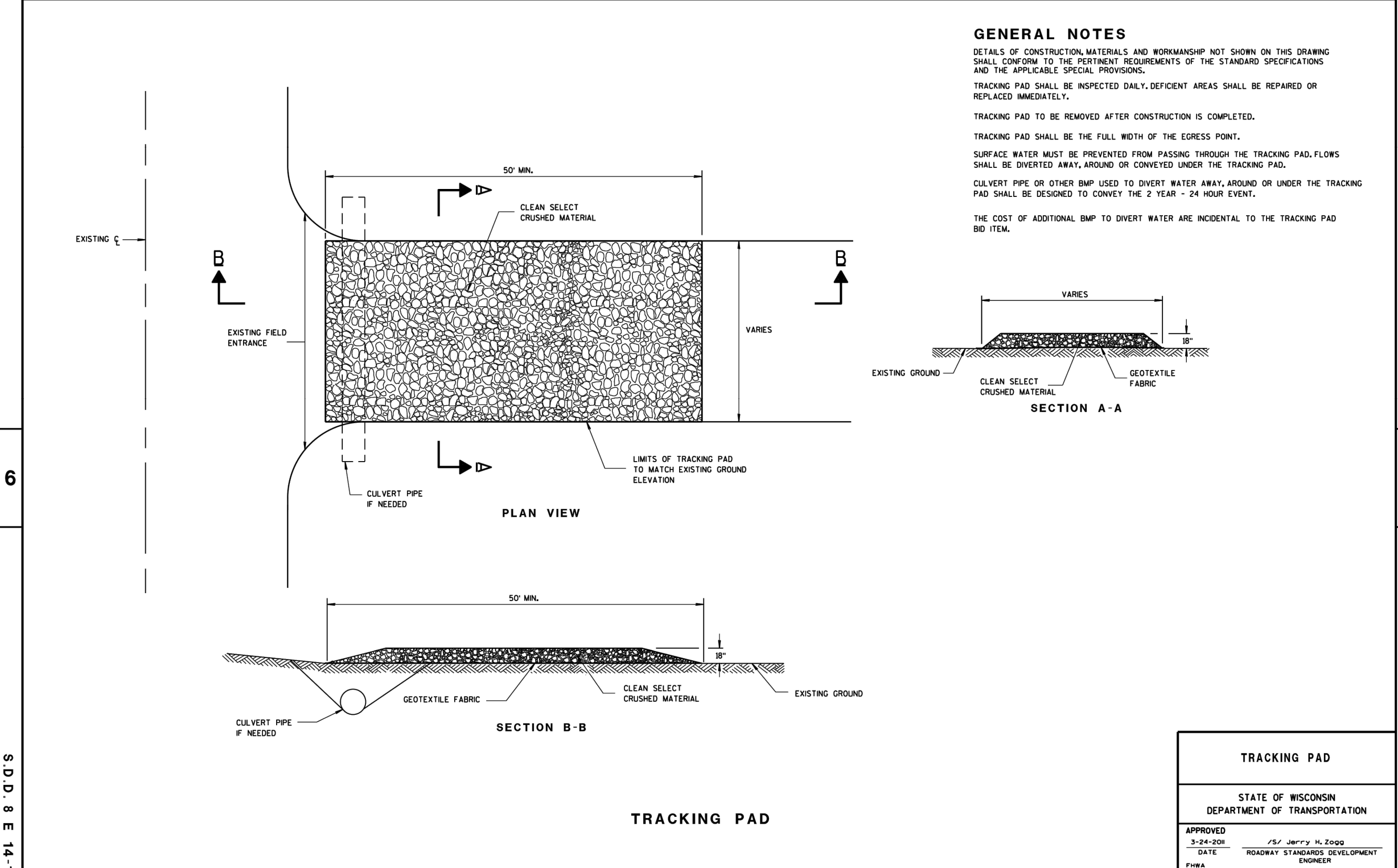
[illegible]

SDD 8e9 Silt Fence



*SILT FENCE SHALL BE FURNISHED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARD 1056.

SDD 8e14 Tracking Pad



*TRACKING PAD SHALL BE FURNISHED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARD 1057 INCLUDING PAVEMENT CLEANING WHEN NECESSARY.

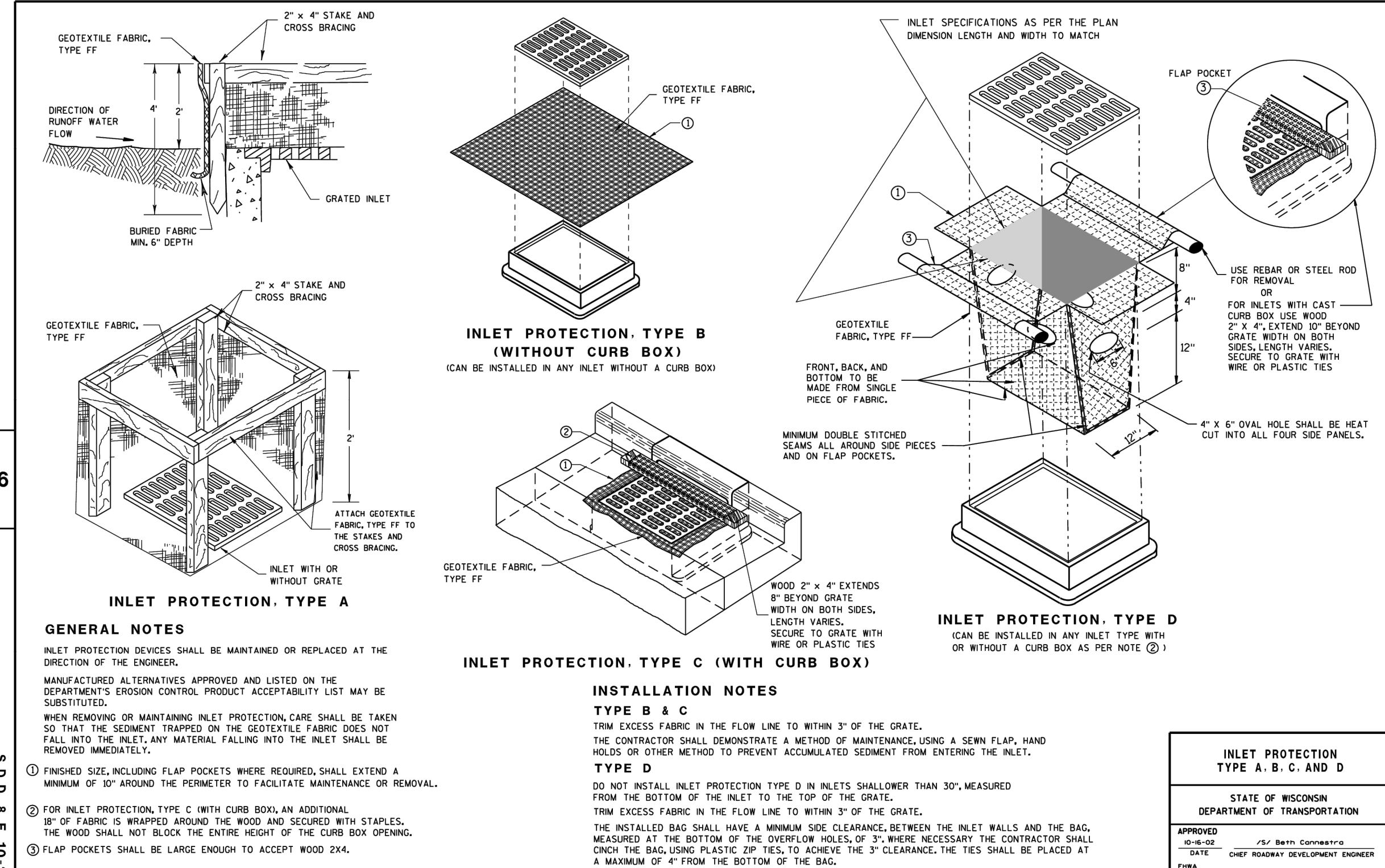
1 SILT FENCE DETAIL

N.T.S.

2 TRACKING PAD DETAIL

N.T.S.

SDD 8e10 Inlet Protection Type A, B, C and D



*INLET PROTECTION SHALL BE FURNISHED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARD 1060.

3 INLET PROTECTION DETAIL

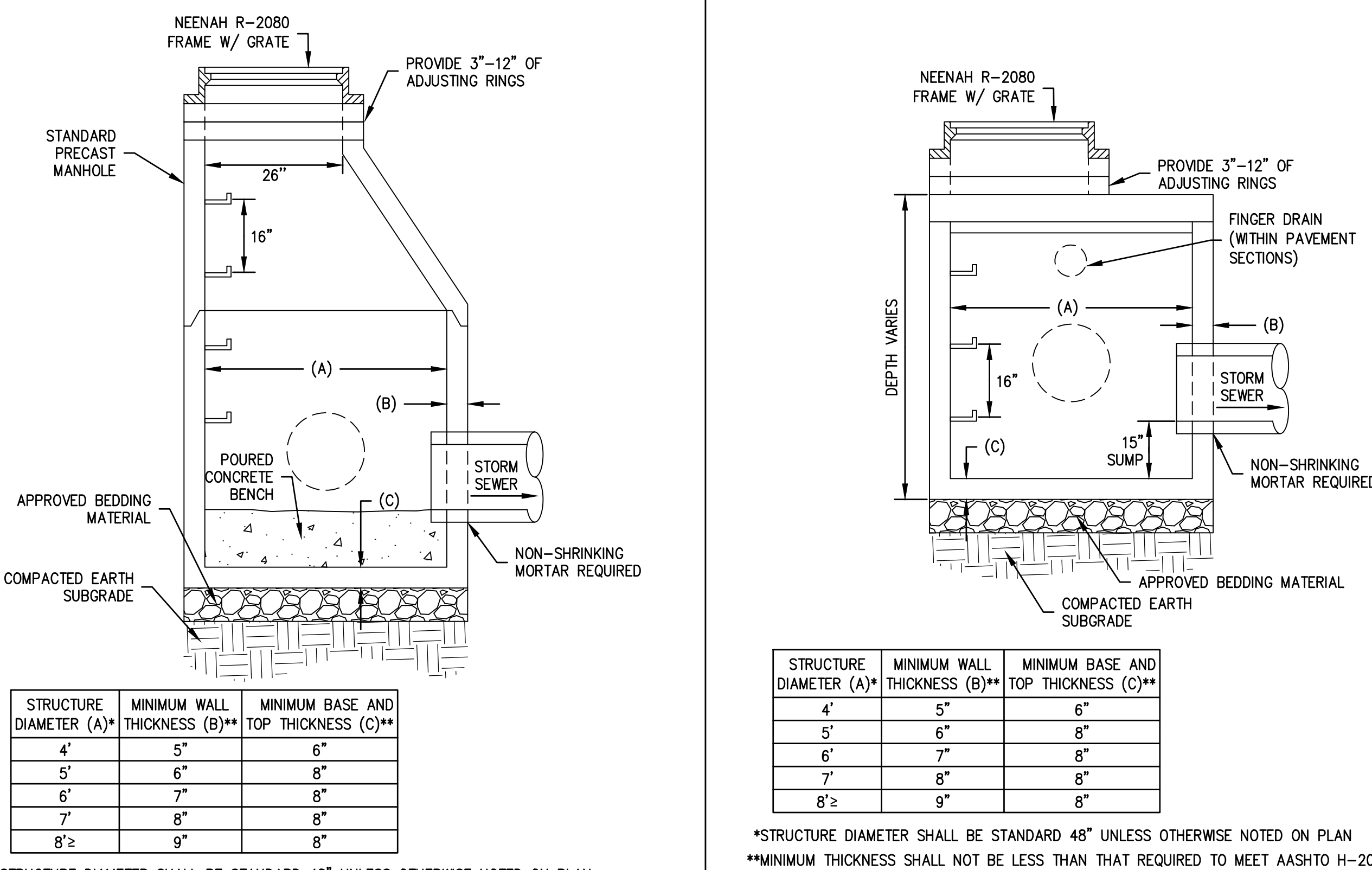
N.T.S.

4 STANDARD STORM SEWER MANHOLE DETAIL

N.T.S.

5 STANDARD STORM SEWER CATCH BASIN DETAIL

N.T.S.



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68th ST. VACATION & PICK-UP/DROP-OFF LOOP
TYPICAL SECTIONS & CONSTRUCTION DETAILS
FOR
KENOSHA UNIFIED SCHOOL DISTRICT
CITY OF KENOSHA, COUNTY OF KENOSHA, WISCONSIN

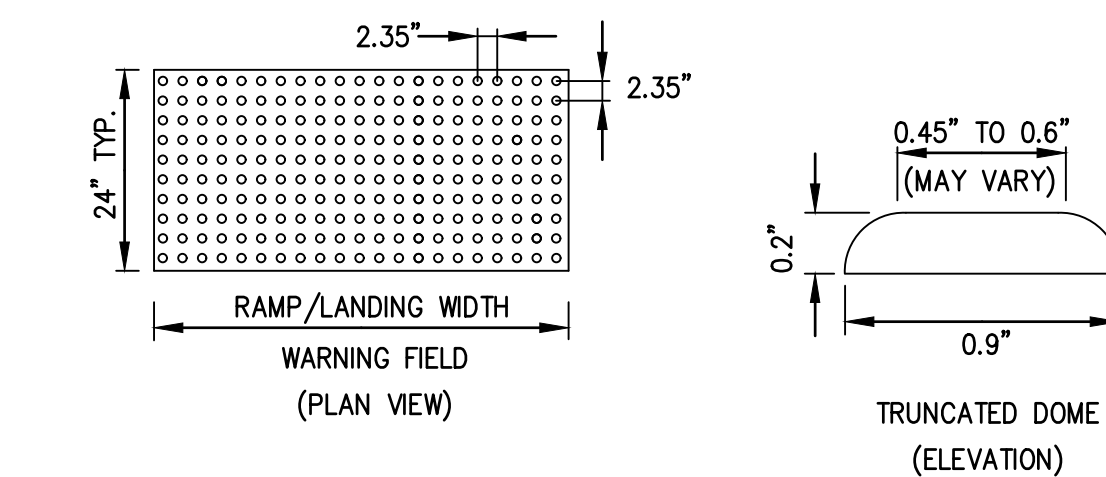
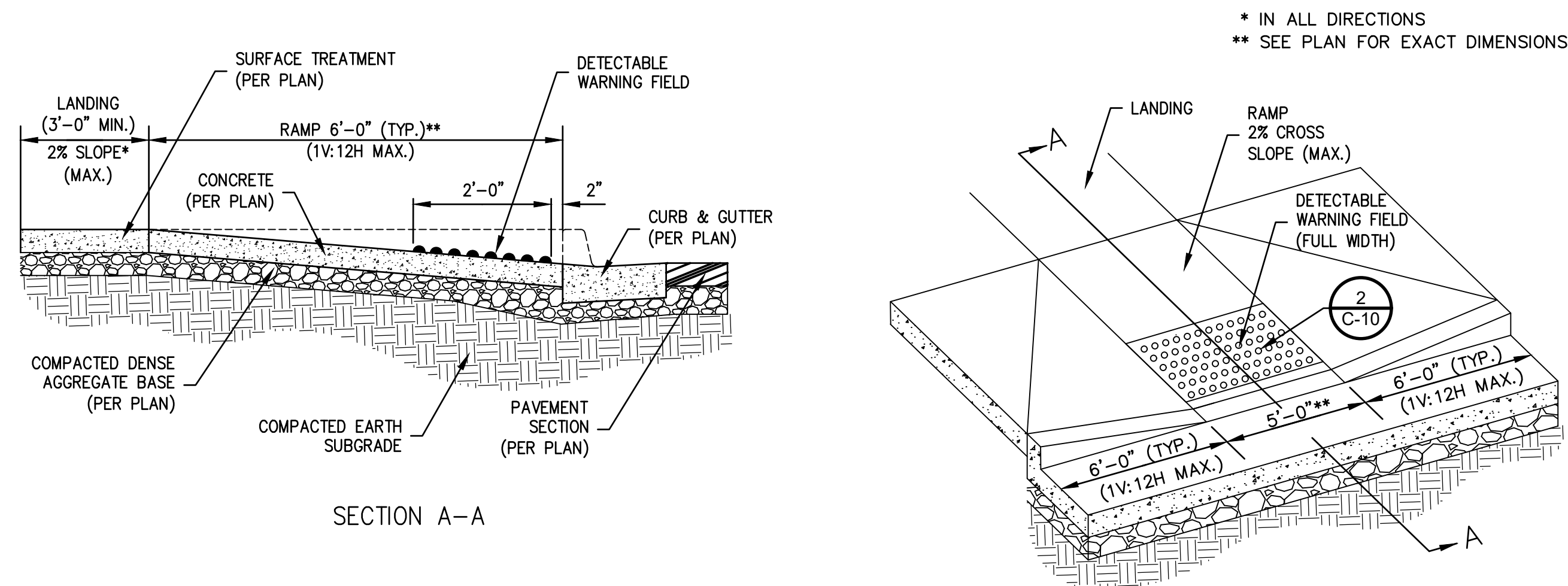
NO.	REVISION	DATE

PROJ. MGR: MDE
DRAFTED: JPL
DATE: 11-3-2025
CHECKED: MDE
DATE: 11-3-2025

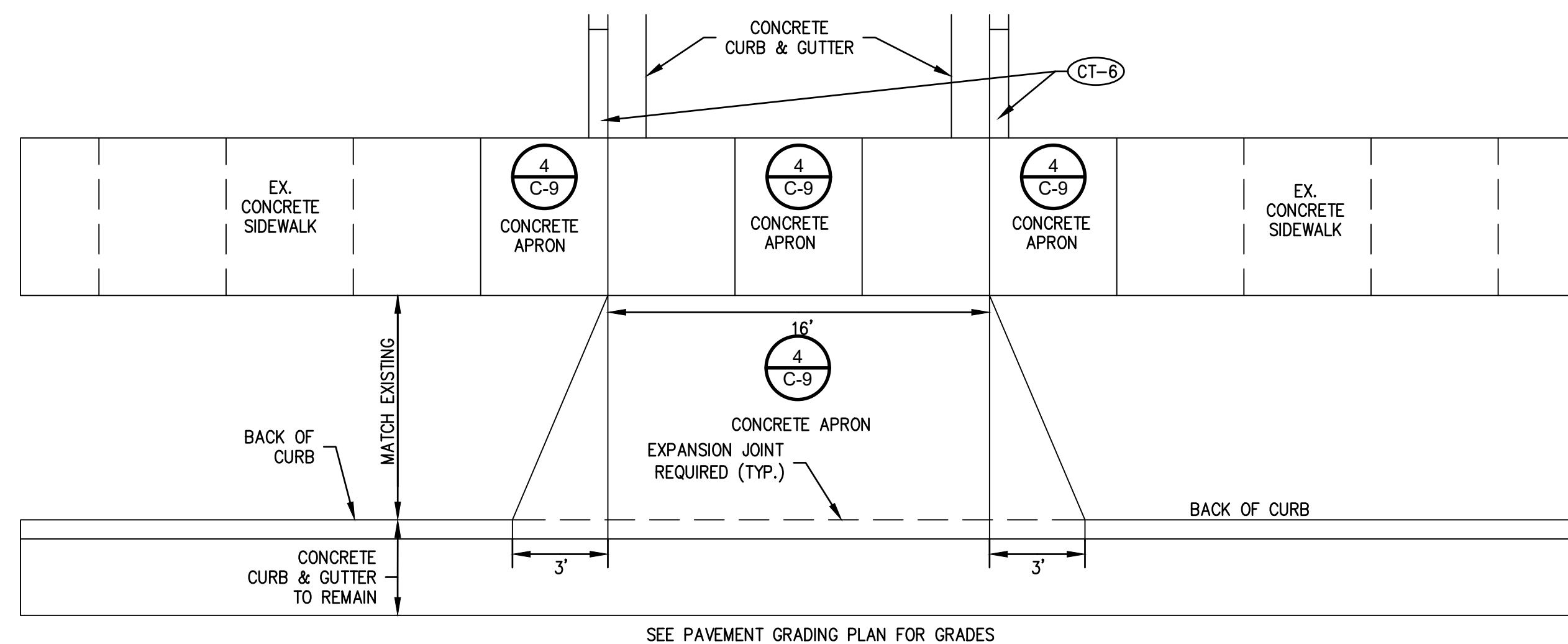
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SHEET
C-8

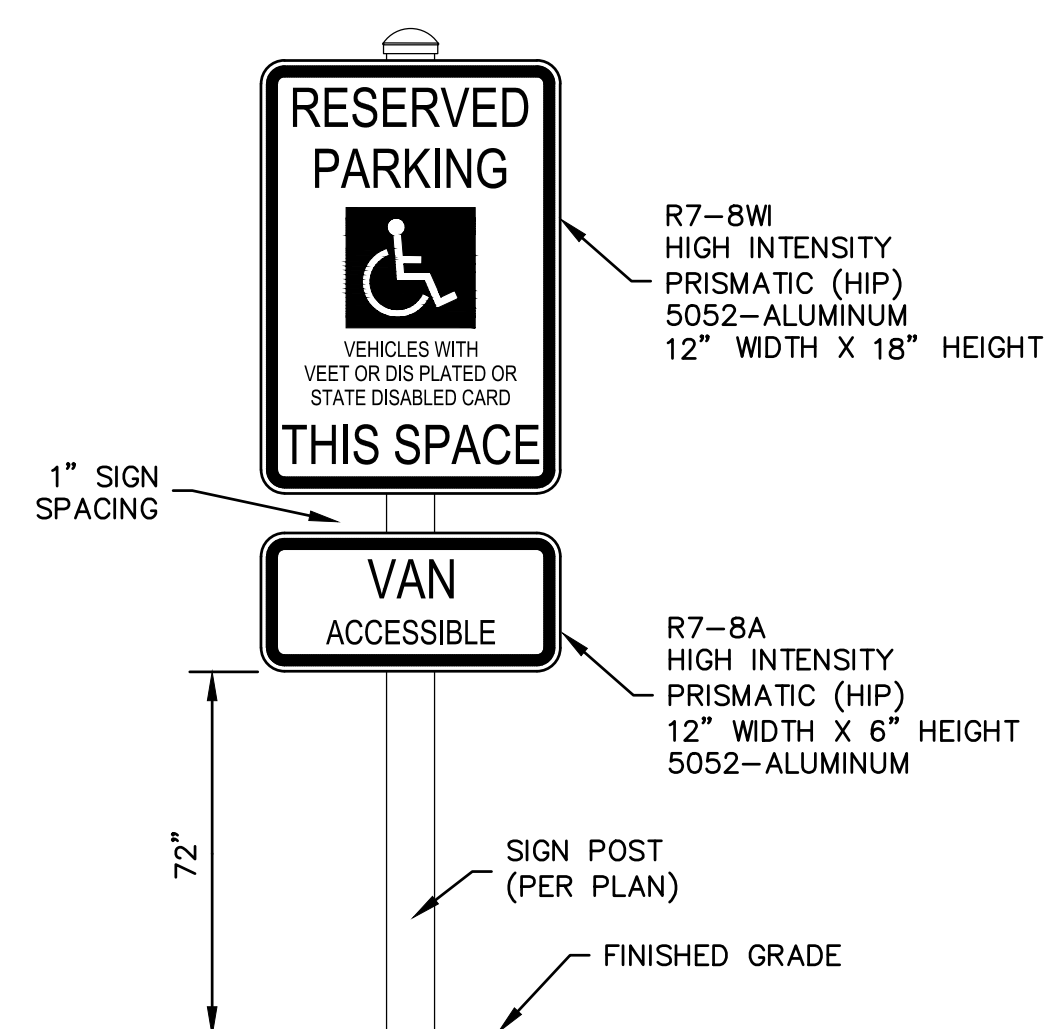
ISSUE FOR BIDS (11-3-2025)



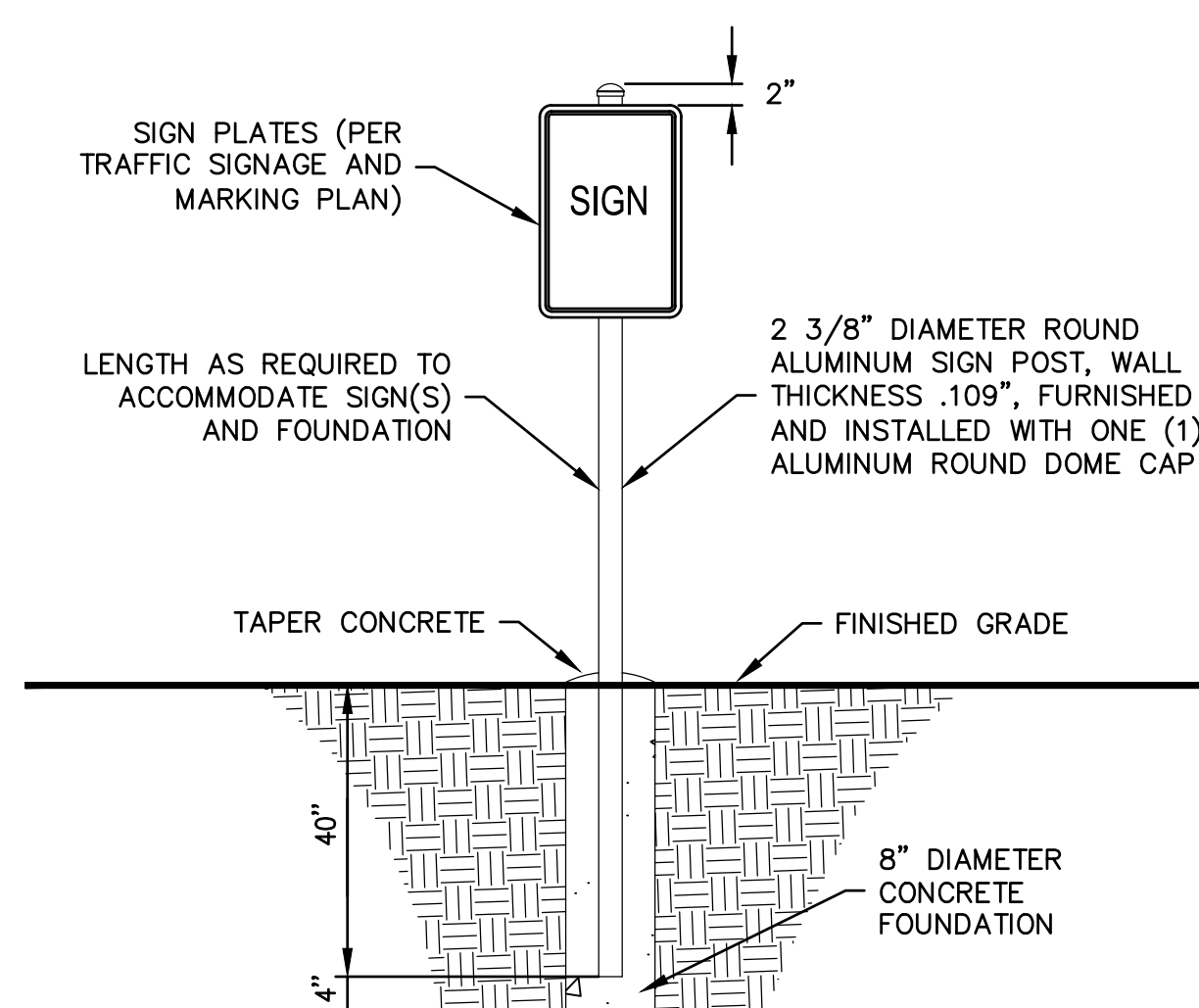
1 CONCRETE CURB AND GUTTER (72" TAPER) ACCESSIBLE RAMP DETAIL



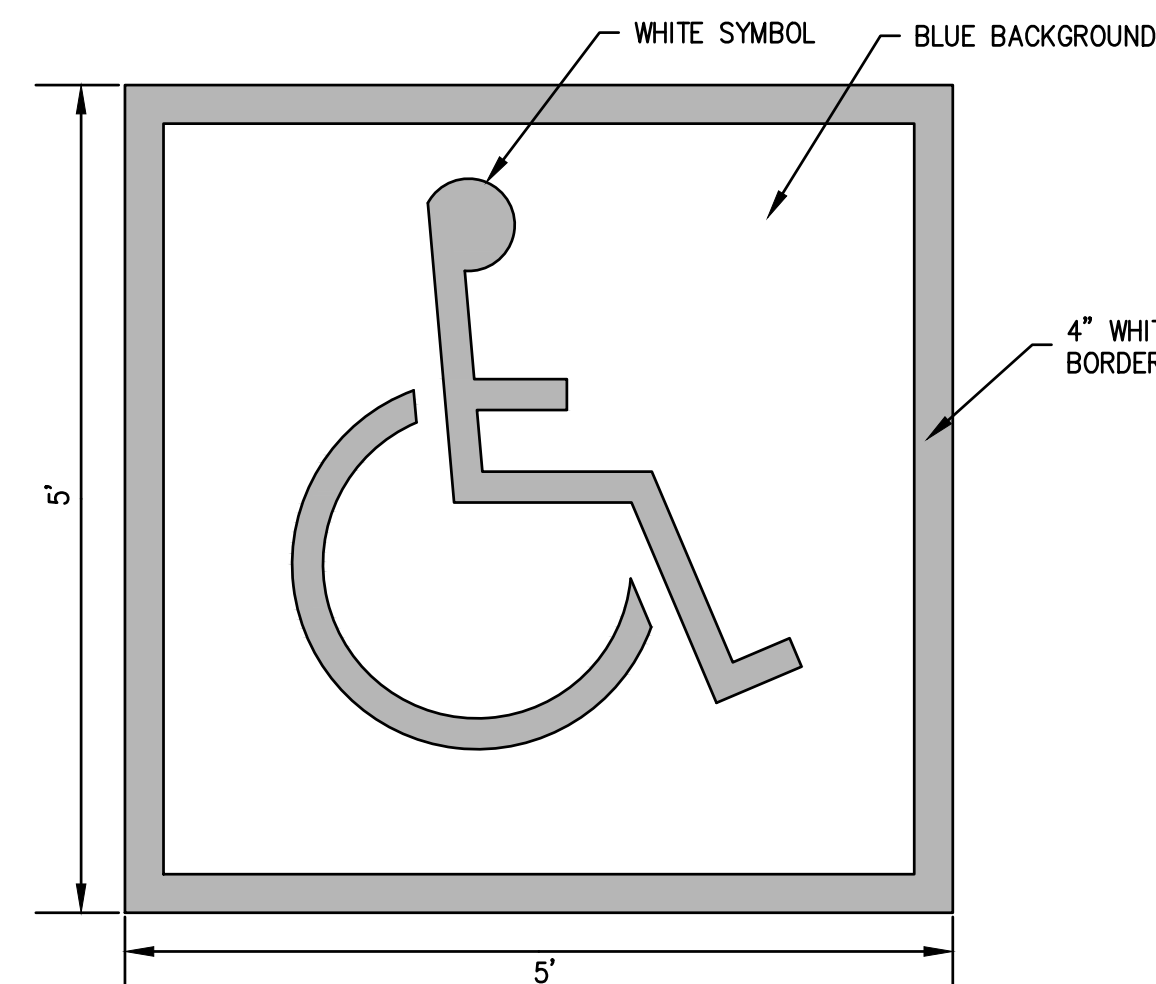
3	CONCRETE DRIVEWAY APPROACH DETAIL
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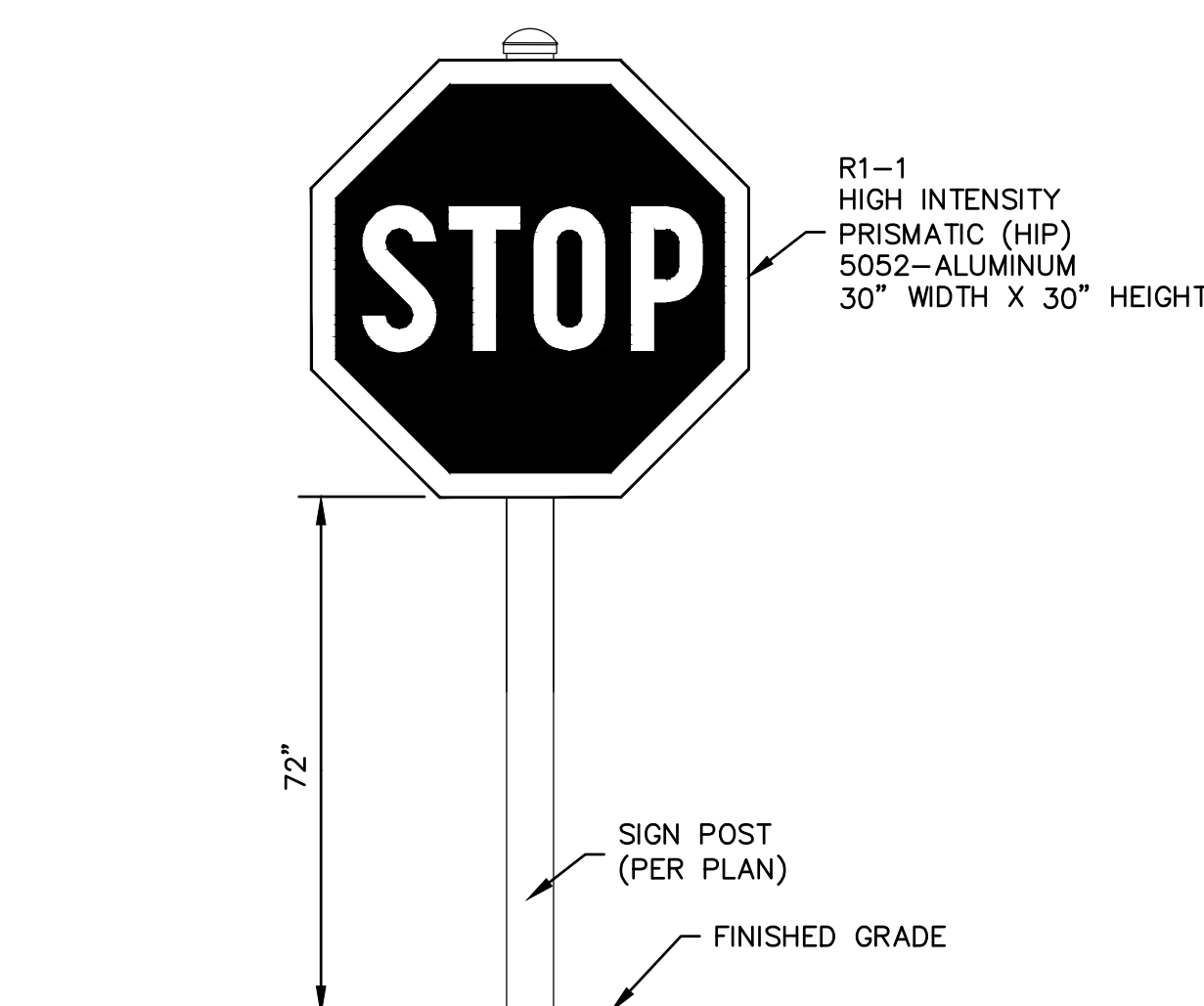
6	ADA "RESERVED PARKING VAN ACCESSIBLE" SIGN DETAIL
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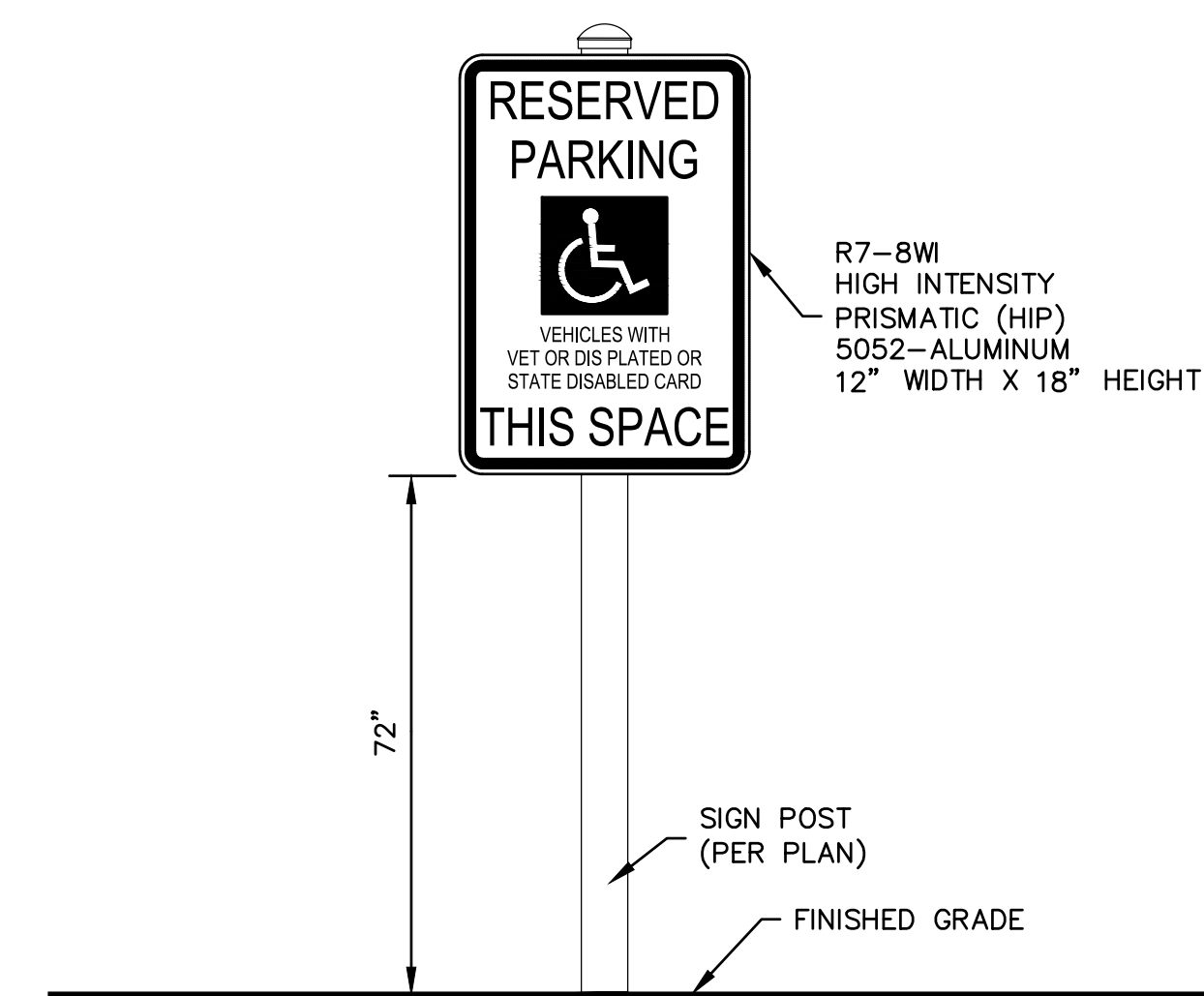
7	ALUMINUM ROUND SIGN POST WITH CONCRETE FOOTING DETAIL
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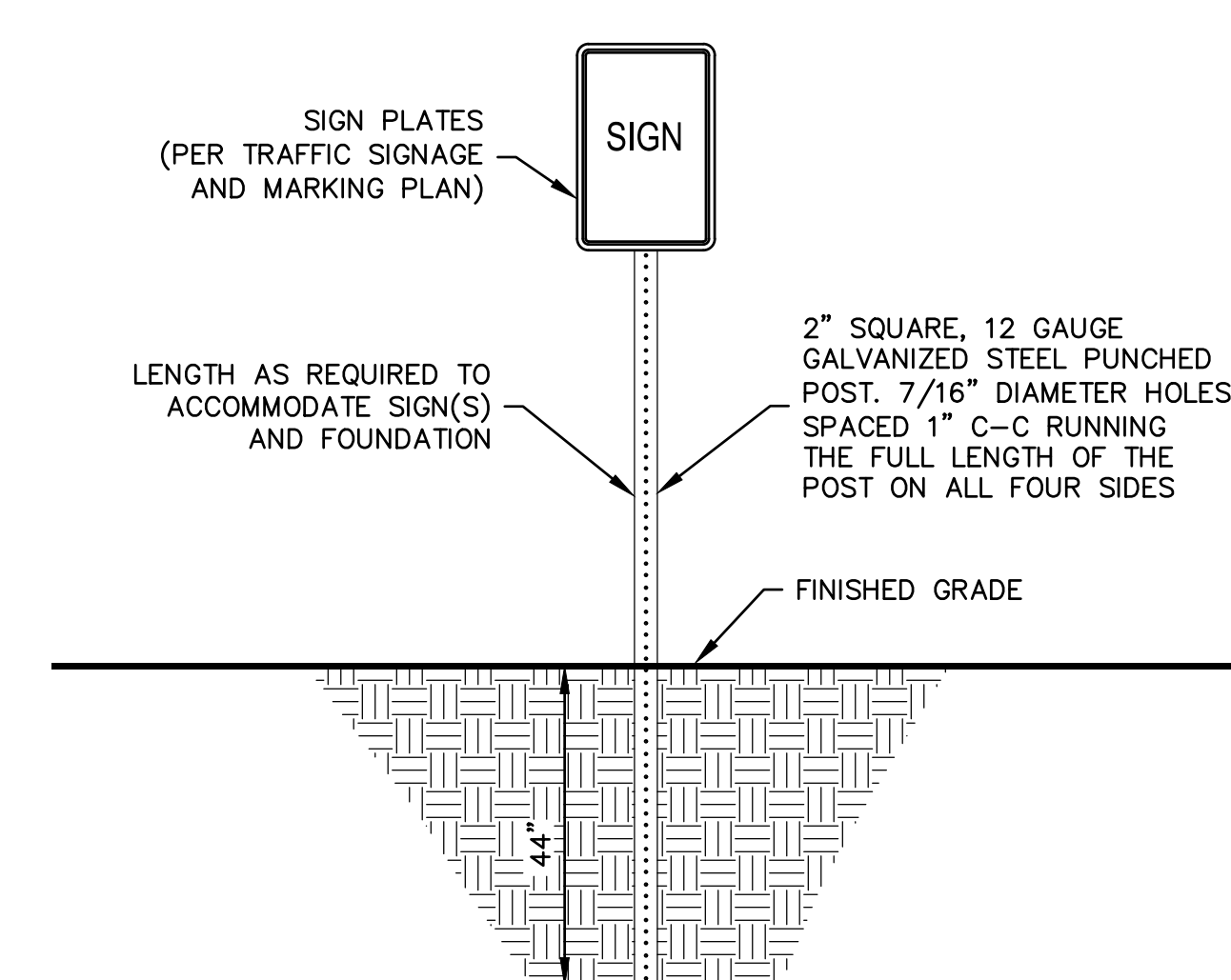
4	PAINTED INTERNATIONAL SYMBOL FOR ACCESSIBILITY DETAIL
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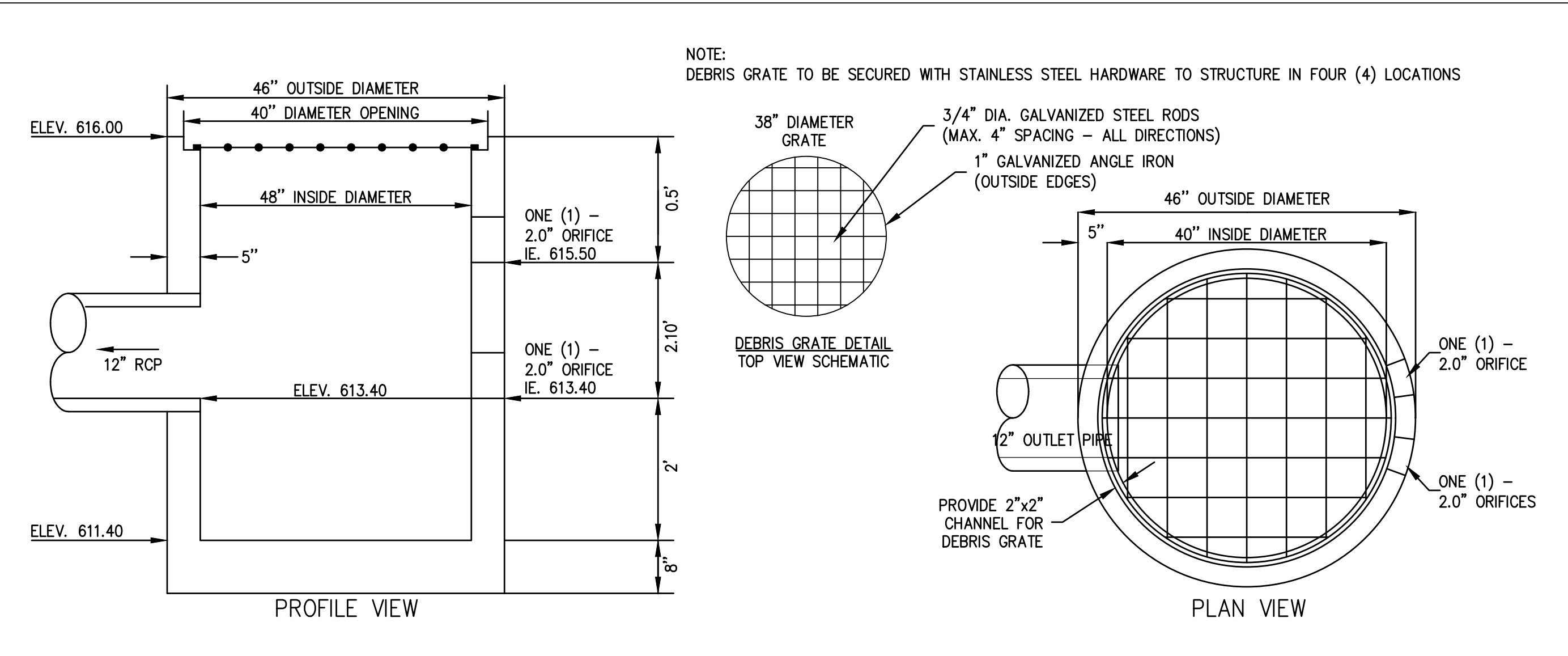
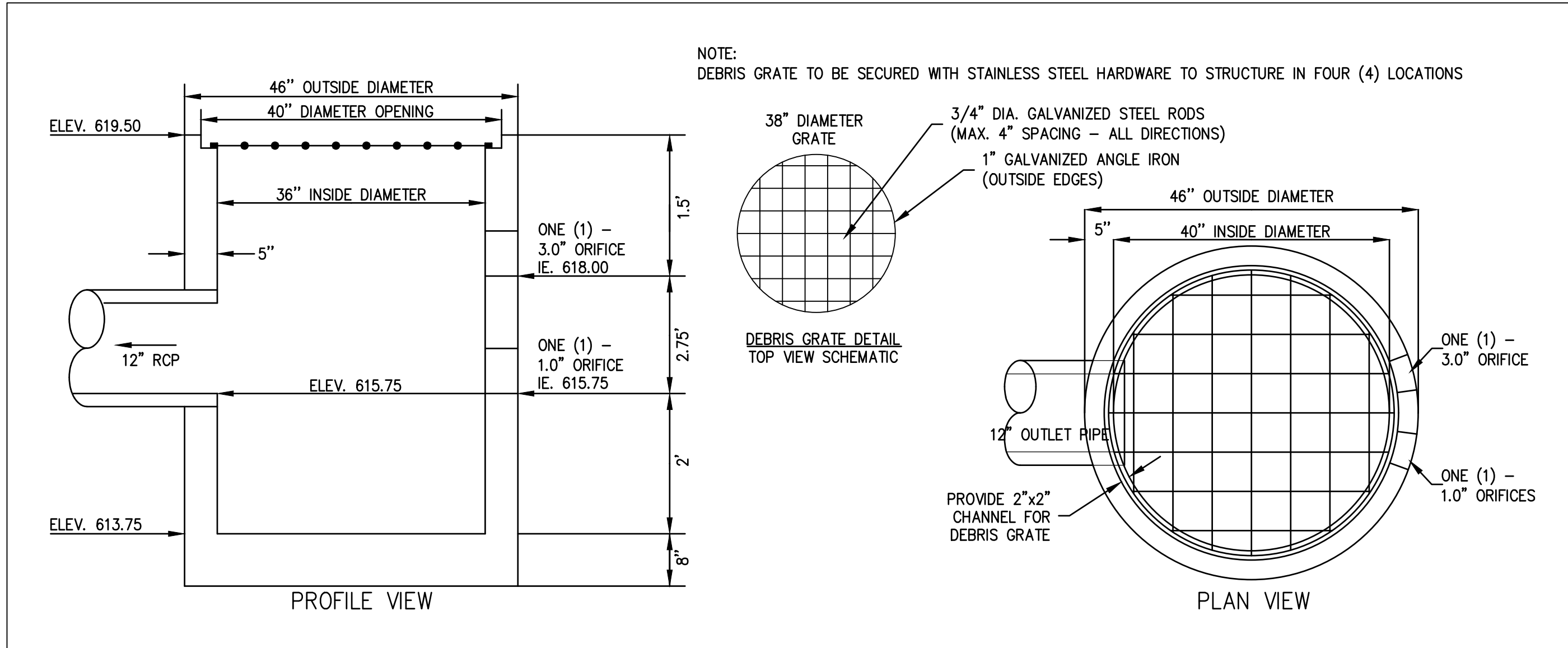
8	"STOP" SIGN DETAIL
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5	ADA "RESERVED PARKING" SIGN DETAIL
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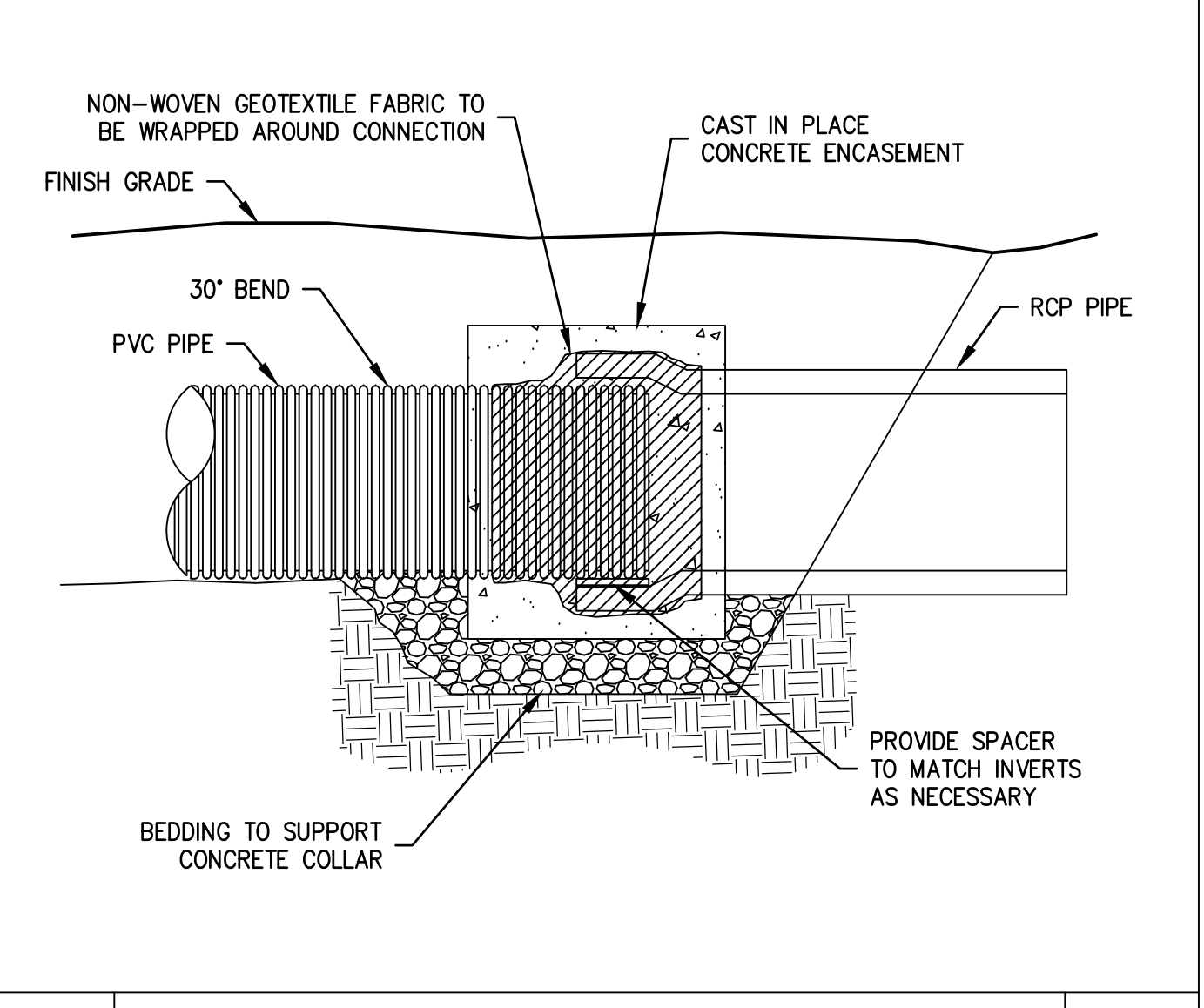
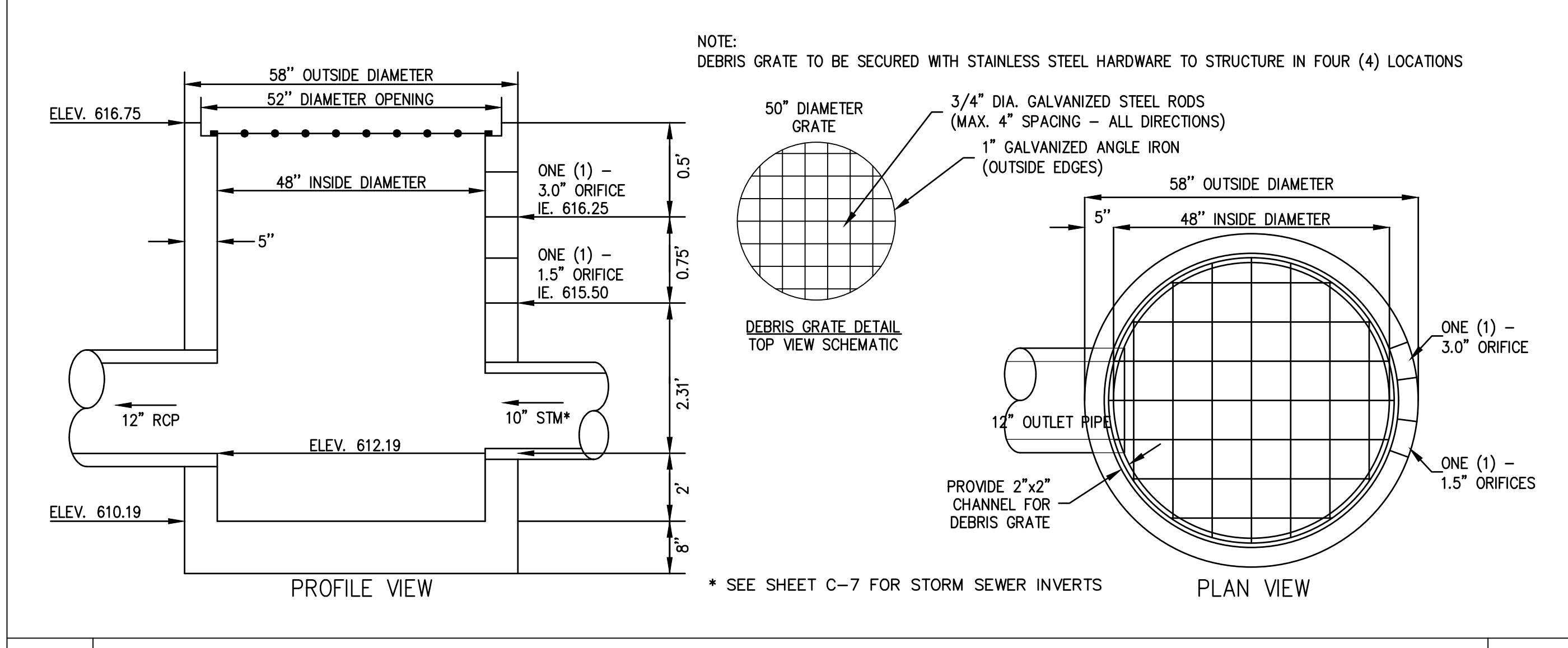


9	TUBULAR STEEL SIGN POST DETAIL
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1 OUTLET CONTROL STRUCTURE 2.0 DETAIL N.T.S.

2 OUTLET CONTROL STRUCTURE 4.0 DETAIL N.T.S.



3 OUTLET CONTROL STRUCTURE 5.0 DETAIL N.T.S.

4 PVC TO RCP CONNECTION DETAIL N.T.S.



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TYPICAL SECTIONS & CONSTRUCTION DETAILS
FOR
KENOSHA UNIFIED SCHOOL DISTRICT
CITY OF KENOSHA, COUNTY OF KENOSHA, WISCONSIN

NO.	REVISION	BY	DATE
1	ADDENDUM #1	IPL	11-12-25

PROJ. MGR: MDE
DRAFTED: IPL
DATE: 11-3-2025
CHECKED: MDE
DATE: 11-3-2025
2025.0008.01
SHEET
C-11

ISSUE FOR BIDS (11-3-2025)

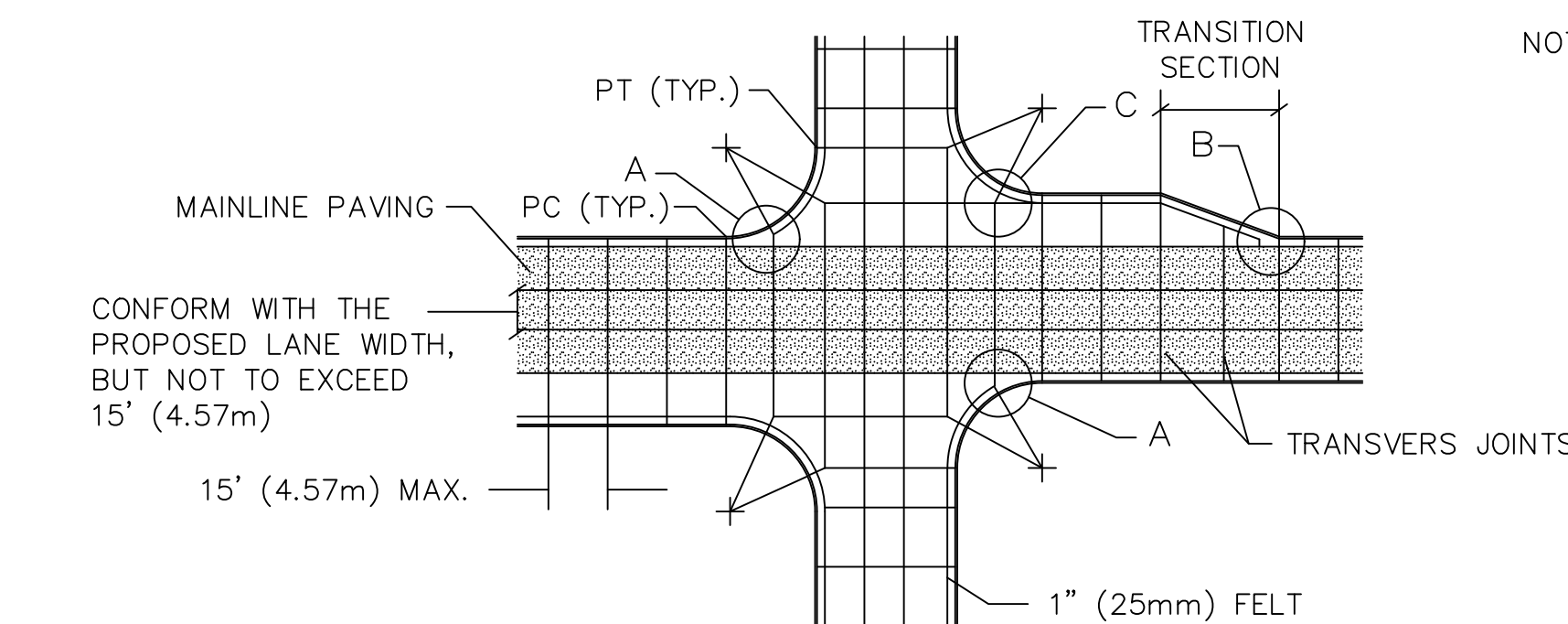
TYPICAL SECTION



Diagram A: WIDTH CHANGE AND DOGLEG IN GUTTER NEAR POINT OF CURVATURE. The diagram shows a cross-section of a gutter with a width change and a dogleg. The gutter is 1' (457mm) wide. The labels 'EDGE OF LANE' and 'BACK OF CURB' are shown. A crosshair is present in the gutter.

Diagram B: WIDTH CHANGE AND DOGLEG IN GUTTER NEAR START OF TAPER. The diagram shows a cross-section of a gutter with a width change and a dogleg. The gutter is 1' (457mm) wide. The labels 'EDGE OF LANE' and 'BACK OF CURB' are shown. A crosshair is present in the gutter.

Diagram C: WIDTH CHANGE AND DOGLEG IN PAVING SLAB FOR HAND-POUR AREAS. The diagram shows a cross-section of a gutter with a width change and a dogleg. The gutter is 2' - 3' (610mm - 914mm) wide. The labels 'EDGE OF LANE' and 'BACK OF CURB' are shown. A crosshair is present in the gutter.



NOTE: — 1 1/4" DIA. DOWEL BASKET ASSEMBLY IS REQUIRED FOR ARTERIAL ROADS AT THE TRANSVERSE JOINTS. DOWEL BASKET ASSEMBLY AND INSTALLATION SHALL BE IN ACCORDANCE WITH WISDOT SPECIFICATION REQUIREMENTS.

— TRANSVERSE JOINTS ARE REQUIRED WHERE PAVEMENT WIDTH CHANGES. IF THE DISTANCE BETWEEN THESE POINTS IS GREATER THAN 15' ADD TRANSVERSE JOINT AS REQUIRED.

— TIE BARS WILL BE REQUIRED AT COLD AND CONSTRUCTION JOINTS. USE 24" — # 4 BENT BARS 36" ON CENTER OR 18" — # 6 BARS 36" ON CENTER FOR LONGITUDINAL JOINTS AND CURB & GUTTER. USE 18" — # 6 — 24" ON CENTER FOR TRANSVERSE JOINTS.

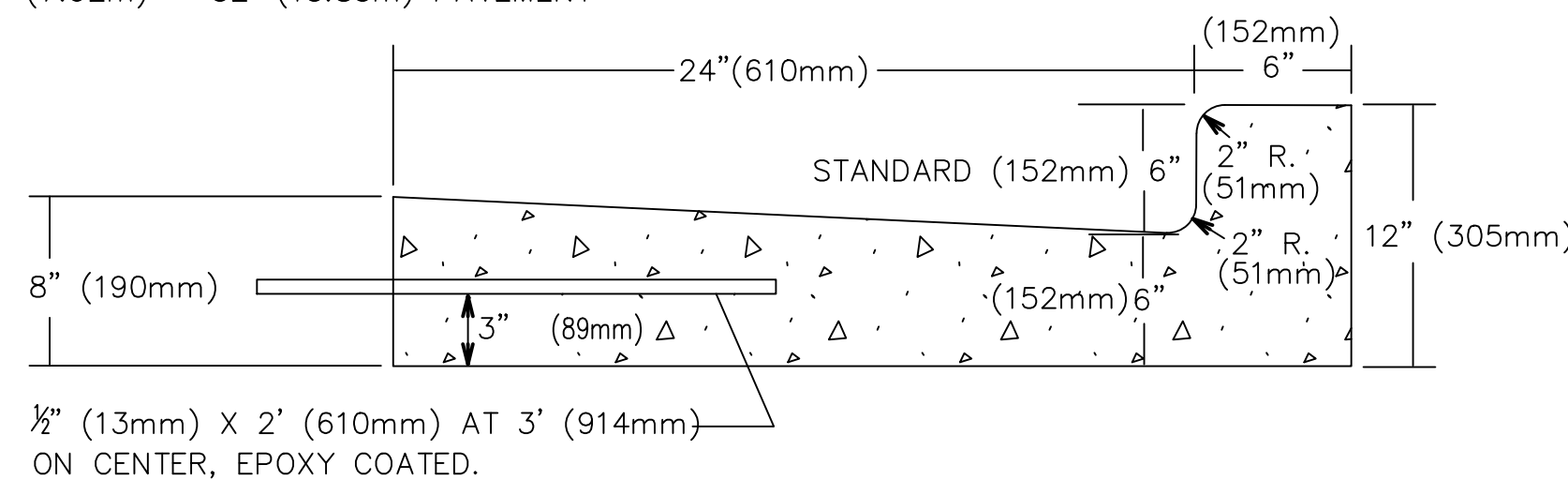


FOR 26' (7.92m) – 52' (15.85m) PAVEMENT

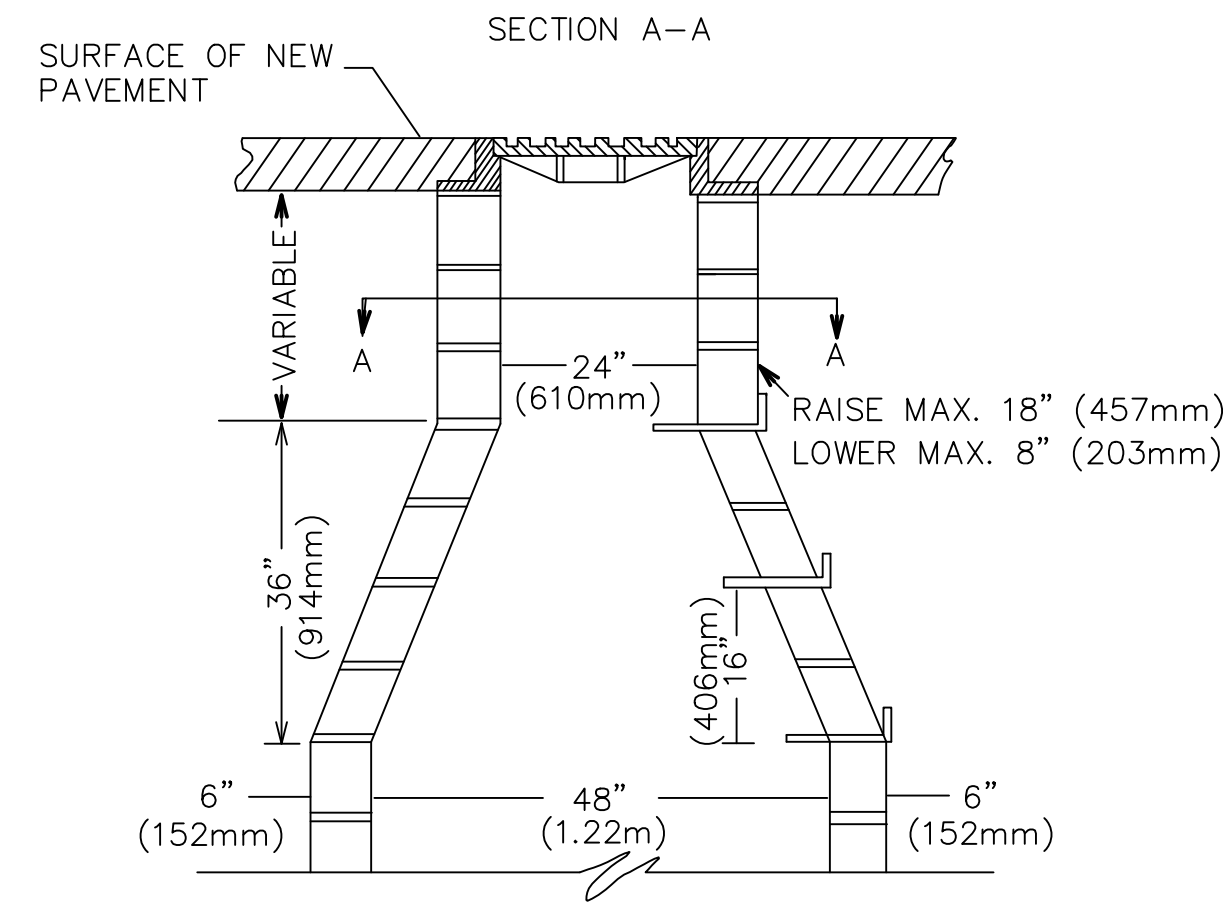
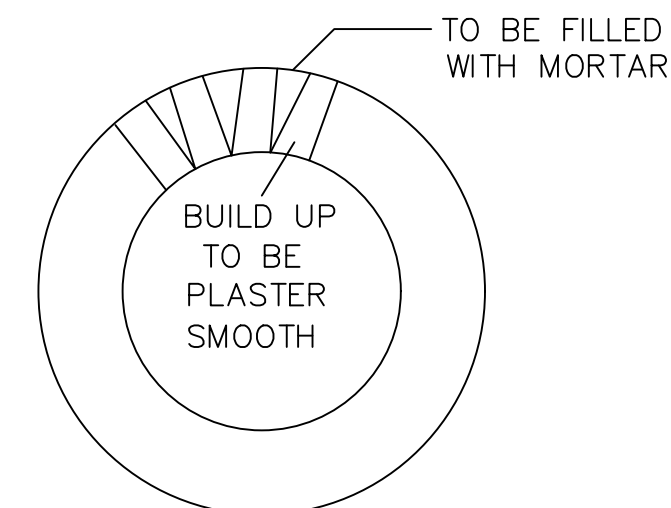


NOTE: ADJUSTMENT SHALL BE MADE WITH REINFORCED CONCRETE RINGS OR CURVED CONCRETE BLOCKS. SUCCESSIVE COURSE OF BLOCKS SHALL BE LAID WITH THE TOP COURSE OVERLAPPING THE BOTTOM COURSE ONE HALF (1/2) THE WIDTH OF THE BLOCK. STANDARD CAST IRON MANHOLE STEPS SHALL BE INSTALLED 16" (400mm) O.C. THE MANHOLE CASTING SHALL BE SECURED TO THE STRUCTURE BY MORTAR. ALL WOODEN SHIMS SHALL BE REMOVED BEFORE THE MORTAR IS APPLIED.

NOTE: VITRIFIED BRICK SHALL BE USED.
IF CONCRETE BRICK IS USED, THE BRICK
SHALL BE LAID AS SHOWN IN SECTION A-A.

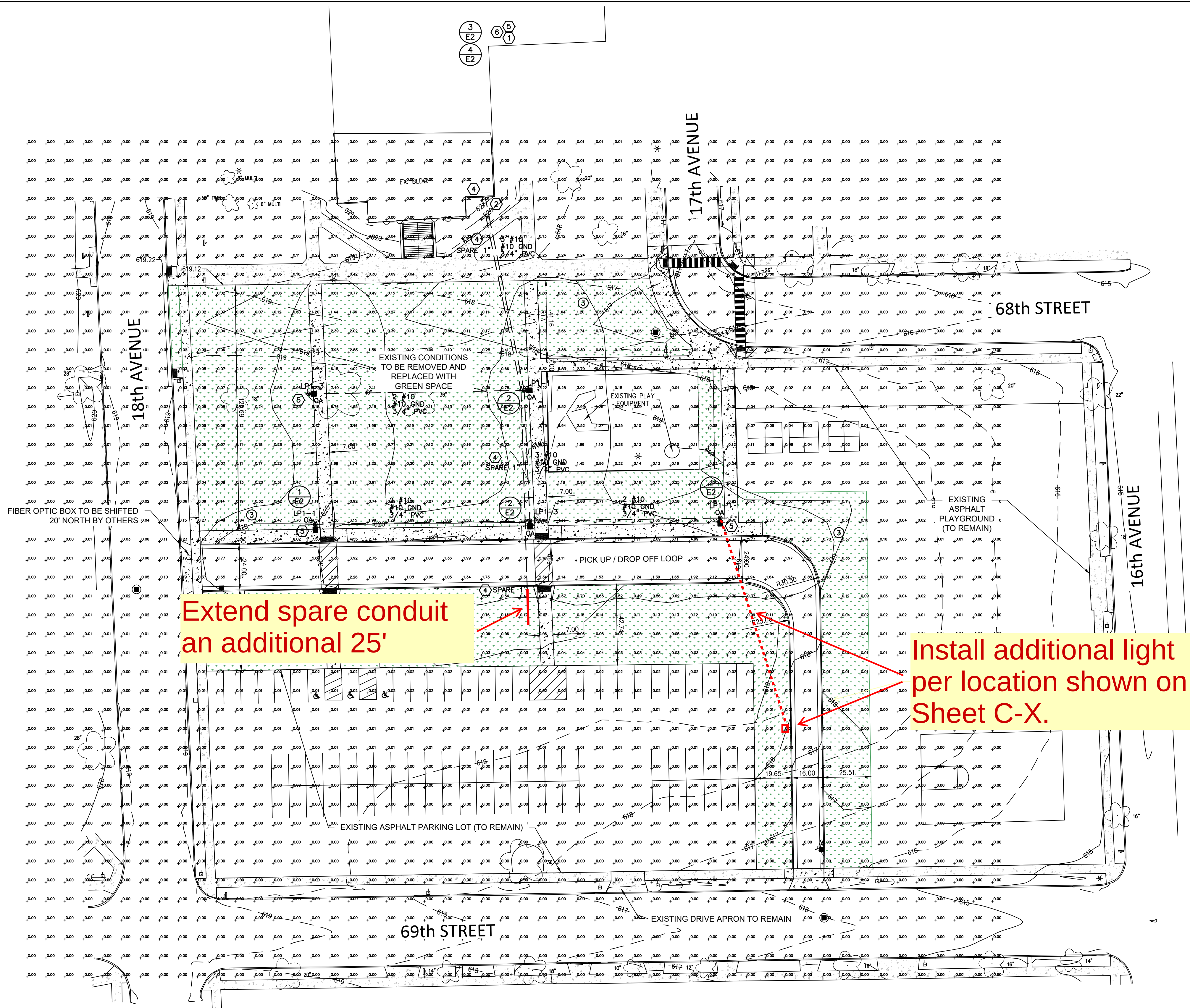


KENOSHA STANDARD CURB & GUTTER SECTION

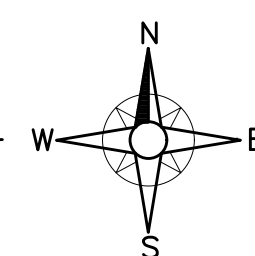


DETAIL FOR ADJUSTING MANHOLES

Std5



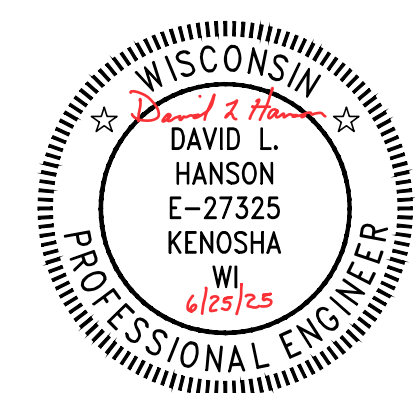
1 SITE PHOTOMETRICS
1" = 30'
0 30'



LIGHTING DISTRIBUTION (FOOT-CANDLES)						
AREA	AVERAGE	MAXIMUM	MINIMUM	MAX/MIN	AVG/MIN	NOTES
SOUTH DRIVE	2.8	7.5	.6	12.5:1	4.6:1	

- LIGHTING SHEET NOTES
- GENERAL NOTE: FOOT CANDLES SHOWN WITH 1.00 LIGHT LUMEN DEPRECIATION FACTOR.
 - GENERAL NOTE: LIGHT COLOR TEMPERATURE IS 5000K.
 - CONTOUR LINE SHOWN FOR .5 FC AT GRADE.

- POWER SHEET NOTES
- APPROXIMATE LOCATION OF ELECTRICAL ROOM. REMOVE EXISTING SPARE CIRCUIT BREAKER IN 277/480V DISTRIBUTION PANEL. PROVIDE NEW SIEMENS 125 AMP CIRCUIT BREAKER (100KAIR). PROVIDE FEEDER TO NEW PANEL LP-1 MOUNTED ON EAST WALL OF ELECTRICAL ROOM NEAR THE DOOR. KUSD TO MOVE ANY EXISTING SHELVES OR EQUIPMENT TO MAKE ROOM FOR PANEL LP-1. VERIFY 4' WORKING CLEARANCE BETWEEN PANEL LP-1 AND 120/208Y DISTRIBUTION PANEL ON WEST WALL.
 - DIRECTIONAL BORE FROM LAKEVIEW K-8 ACADEMY TO PAST EXISTING SIDEWALKS. CONDUIT TO STUB UP TO A LB AND ENTER BUILDING. RUN APPROXIMATELY 100' NORTH IN BASEMENT (OR CRAWL SPACE), OVER TO THE EAST APPROXIMATELY 30' AND BACK TO THE SOUTH TO NEW PANEL LP-1 AND TIME CLOCK IN ELECTRICAL ROOM.
 - GENERAL NOTE: BELOW GRADE CONDUIT SHALL BE SCHEDULE 40 PVC. ABOVE GRADE EXTERIOR CONDUIT SHALL BE RIGID OR IMC. INTERIOR CONDUIT SHALL BE EMT WITH DIE CAST COMPRESSION FITTINGS.
 - PROVIDE SPARE 1" PVC CONDUIT FROM BUILDING TO FUTURE PARKING AREA PAST DRIVE. PROVIDE PULL STRING AND CAP CONDUIT UNDER GROUND. PROVIDE RIGID OR IMC STUB UP AND LB AT BUILDING. EXTEND CONDUIT INTO BUILDING.
 - PROVIDE SPARE CAPPED CONDUIT STUBBED OUT FROM LIGHT POLE BASE WHERE SHOWN FOR FUTURE USE.
 - PROVIDE INTERMATIC ASTRONOMIC, 7 DAY, 2 CIRCUIT ET2825C TIME CLOCK OR EQUAL. PROGRAM CONTACTS FOR DUSK TO TIME OPERATION FOR CIRCUITS LP-1 AND LP-3. PER ENERGY CODE, AT LEAST 30% OF PARKING LOT LIGHTING SHALL BE TURNED OFF WITHIN 1 HOUR OF CLOSING TIME TO ONE HOUR BEFORE OPENING TIME. VERIFY DUSK TO TIME OPERATION WITH OWNER.



SHEET INDEX
E1 SITE LIGHTING PLAN
E2 LIGHT FIXTURE SCHEDULE, DETAILS,
ENERGY CALCULATIONS
E3 LIGHT FIXTURE CUT SHEETS

REVISIONS

NO.	DATE	DESCRIPTION

DAVID L. HANSON AND ASSOCIATES, INC.

3940 - 85 STREET

KENOSHA, WI 53142

(262) 654-2010

DATE:

6/25/25

BY:

DLH

PROJECT

LAKEVIEW K-8 ACADEMY
SITE LIGHTING PLAN
FOR
KENOSHA UNIFIED SCHOOL DISTRICT
CITY OF KENOSHA, COUNTY OF KENOSHA, WISCONSIN

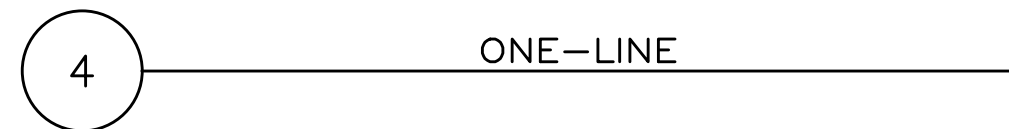
SHEET

E1

OF 3



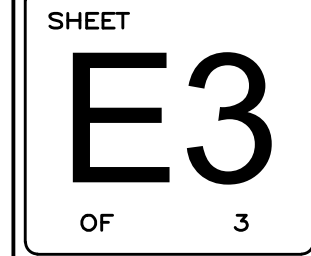
2 TYPICAL TRENCHING DETAIL



SHEET INDEX

E1	SITE LIGHTING PLAN
E2	LIGHT FIXTURE SCHEDULE, DETAILS, ENERGY CALCULATIONS
E3	LIGHT FIXTURE CUT SHEETS

E2
OF 3



No.	Revision/Issue	Date
1		
2		
3		
4		

**LAKEVIEW K-8 ACADEMY
LANDSCAPE PLAN**
**KENOSHA UNIFIED SCHOOL DISTRICT
CITY OF KENOSHA**

Thomas H. Nordloh
Landscape Architect
Reg. # 057-000629

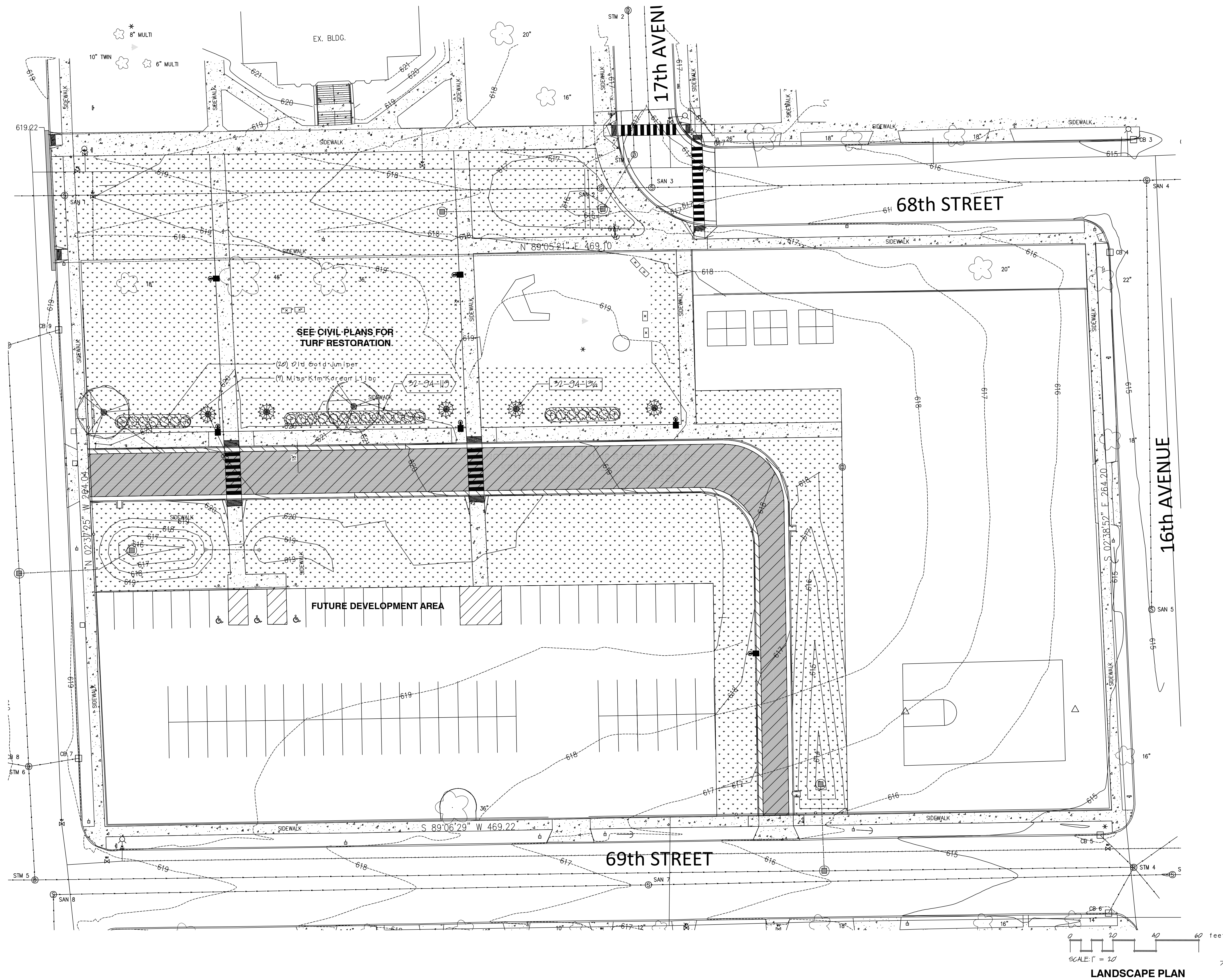
Project: **20250619**

Date: **11-4-25_1**

Scale:

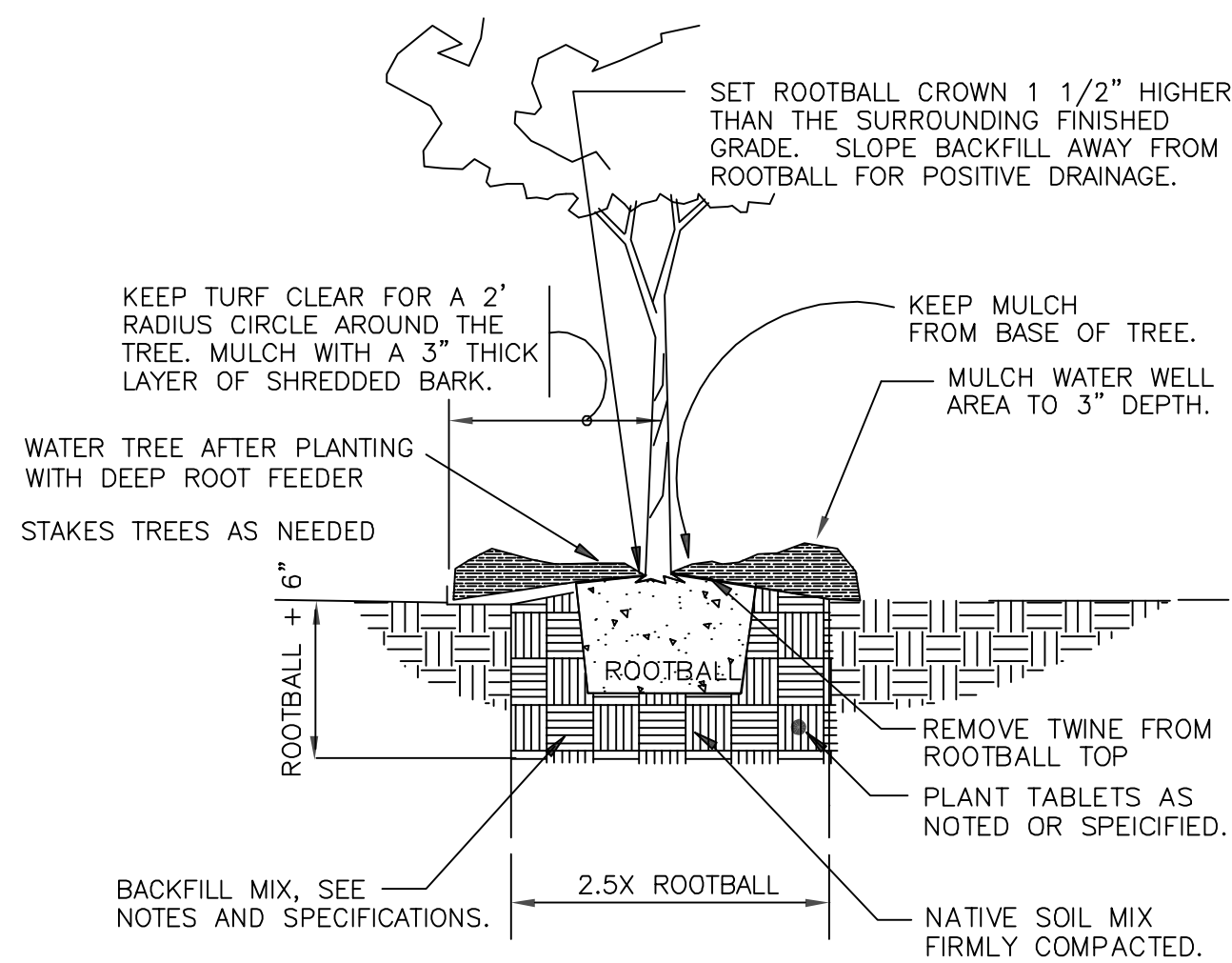
Sheet

L-1.0



REFERENCE NOTES SCHEDULE

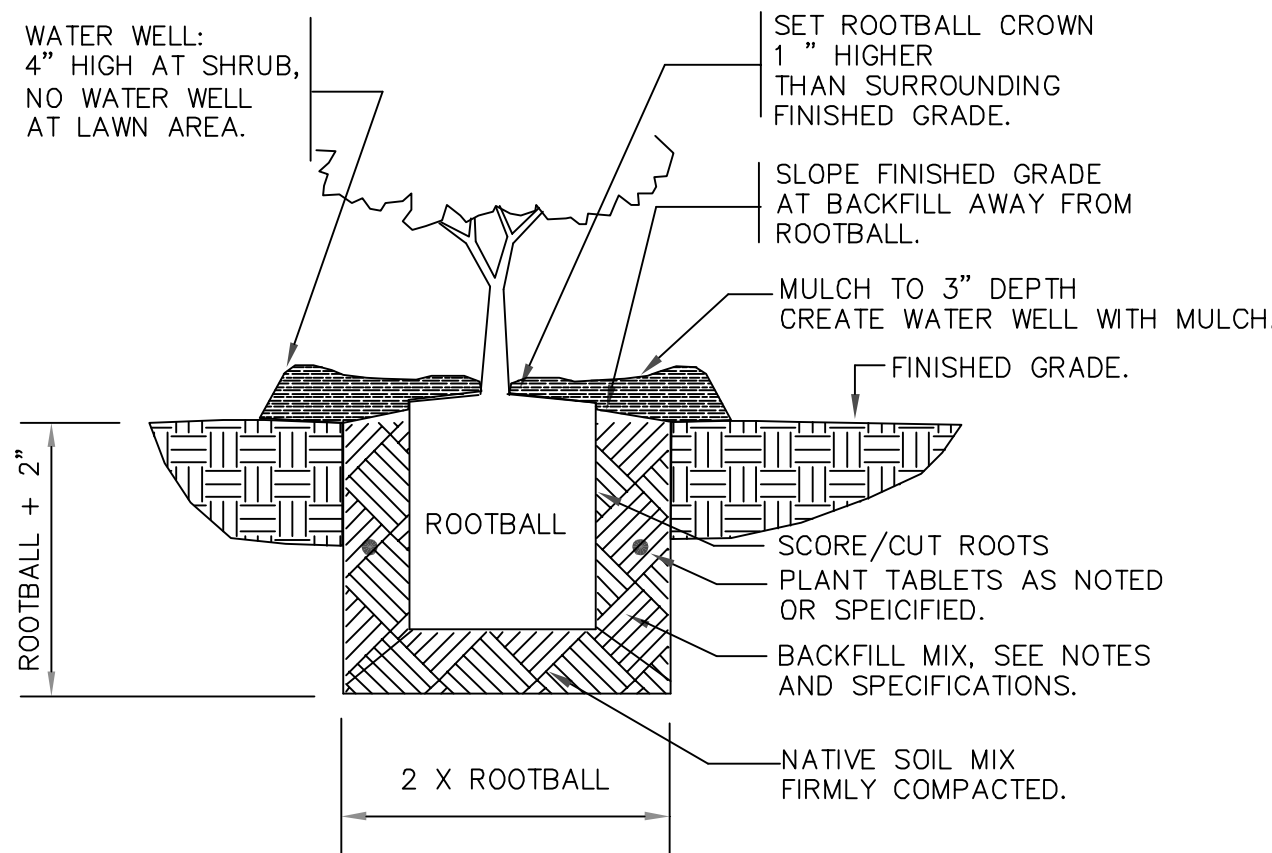
SYMBOL	CODE	DESCRIPTION	QTY
Planting Accessories			
	32-94-119	SHREDDED BARK MULCH, 3-4" DEPTH	860 sf
	32-94-136	3' DIAMETER MULCH TREE RING	7
	32-95-01	EDGE, SHOVEL CUT BED EDGE, 4" DEPTH-SEE DETAIL	236 lf



101 TREE PLANTING DETAIL
1" = 1'-0"

PLANT SCHEDULE

SYMBOL	BOTANICAL / COMMON NAME	SIZE	CONTAINER	QTY	REMARKS
TREES					
	<i>Celtis occidentalis</i> / Common Hackberry	15" Cal.	B&B	2	50' x 35' Mature Size
EVERGREEN TREES					
	<i>Thuja occidentalis</i> 'Techny' / Techny Arborvitae	6' Ht.	B&B	5	30' x 12' Mature Size
SHRUBS					
	<i>Syringa pubescens</i> 'Miss Kim' / Miss Kim Korean Lilac	5 gal		7	
SHRUB EVERGREENS					
	<i>Juniperus chinensis</i> 'Old Gold' / Old Gold Juniper	5 gal		10	3' x 6' Mature Size

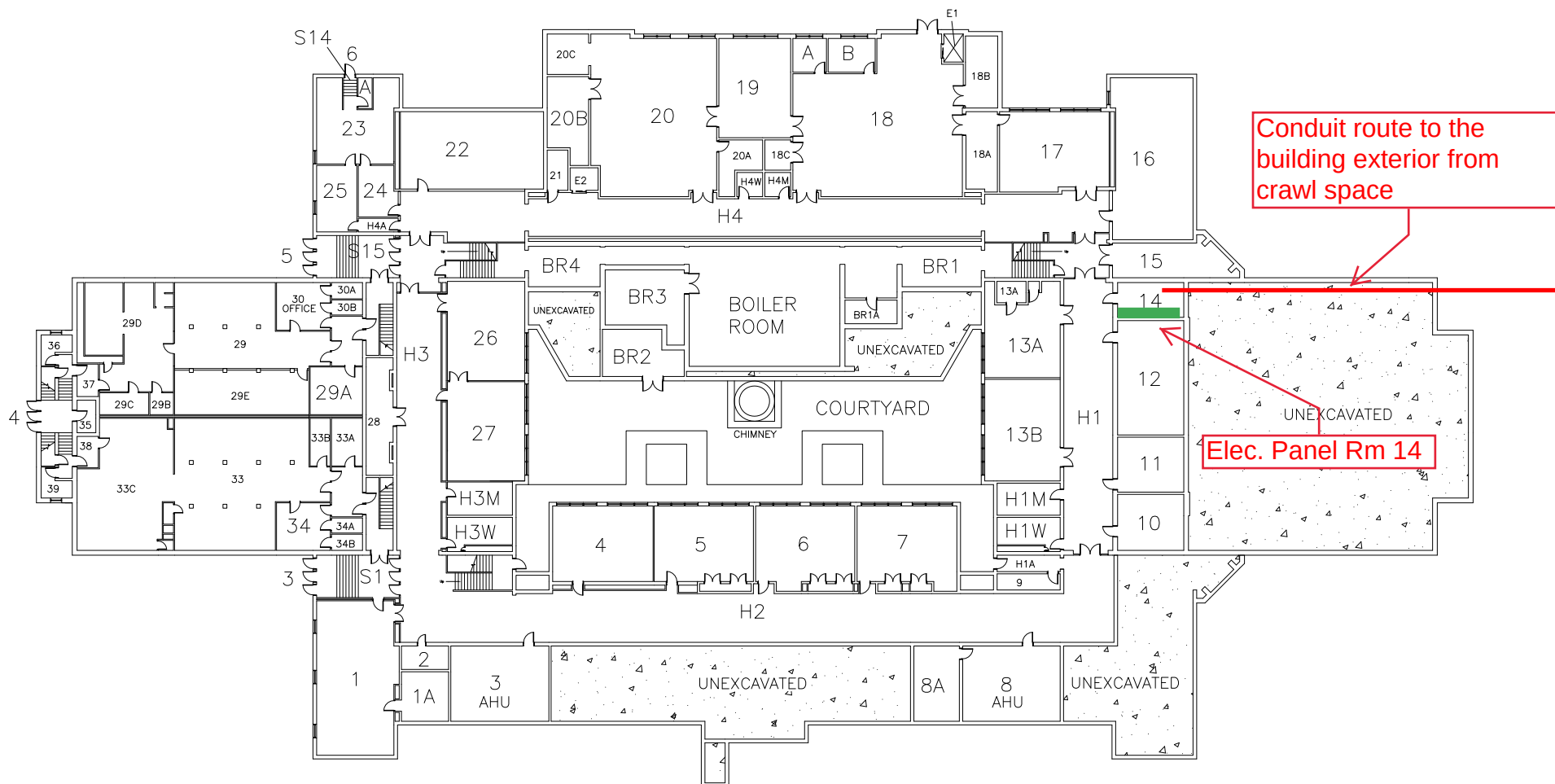


103 SHRUB PLANTING
1" = 1'-0"

GENERAL LANDSCAPE NOTES;

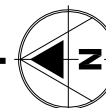
- Topsoil return to depth of 4" minimum is by excavating contractor. Returned topsoil to have no rock larger than 1", construction debris and/or roots in the soil. Contact general contractor if soil is not acceptable for proper plant growth.
- Always contact Diggers Hotline (800-242-8511) or JULIE 811 (or 1-800-892-0123) before proceeding with any work.
- Landscape contractor is required to visit the site and review all civil plans related to the project. The civil plans take precedence over the landscape plans.
- Plant material to be of the highest quality available and should not include # 2 grade trees, evergreens or shrubs. Landscape contractor is to verify plant quantities Labeled plants have precedence over the plant table. Verify quantity with a hand takeoff of the plan. Any substitutions of plant type, quantity or size must be approved by city forester..
- Planting beds shall receive a 3" layer of high quality non-dyed shredded hardwood mulch. 3' diameter tree rings shall be installed around all trees and evergreens in the turf areas. Perennial and annual beds shall receive between a 1-2" layer of shredded bark mulch.
- Spade cut plant beds and tree rings with a 4" deep shovel cut.
- Seeded lawn areas - See civil plans.
- Landscape contractor is responsible to maintain the site for a period of 45 days after substantial completion of project. This will include watering, mowing of turf areas as needed, weeding plant beds, maintaining a clean site and other activities to ensure proper growth of the landscape.
- Warranty of plants, trees, evergreens, shrubs shall be for a period of 18 months from date of substantial completion. Perennials, ornamental grasses, annuals shall be guaranteed for one (1) growing season. One replacement will be required of each dead plant at the end of the warranty period.

No.	Revision/Issue	Date
1		
2		
3		
4		



BASEMENT FLOOR PLAN

LakeView K8 Academy



~~Kenosha School of Technology Enhanced Curriculum (KTEC)~~
6729 18th Avenue, Kenosha, WI

BUILDING NUMBER

113

DRAWING SCALE

N.T.S.



DATE

08-01-24

SHEET NUMBER

3 OF 3