

NAPERVILLE RIVERWALK SOUTH EXTENSION

725 S. WASHINGTON STREET, NAPERVILLE
ILLINOIS, 60540
JOB NO. W22214.00
SUBMITTAL DATE
50% PLAN SET

INDEX TO DRAWINGS

SHEET #	SHEET TITLE
C-1.0	COVER
C-2.0	GENERAL NOTES
C-3.0 : C-3.2	EXISTING CONDITIONS & DEMOLITION PLAN
C-4.0 : C-4.2	SITE LAYOUT & GEOMETRY PLAN
C-5.0 : C-5.2	GRADING PLAN
C-6.0 : C-6.2	UTILITY PLAN
C-7.0 : C-7.4	EROSION CONTROL PLAN, SWPPP & DETAILS
C-8.0 : C-8.3	ELECTRICAL PLANS AND DETAILS
C-9.0 : C-9.2	CROSS SECTIONS
C-10.0 : C-10.3	CONSTRUCTION DETAILS
C-11.0 : C-11.2	RETAINING WALL SECTION AND DETAILS**
C-12.0 : C-12.2	WALKWAY SECTIONS AND DETAILS**
C-13.0 : C-13.2	STAIRCASE SECTIONS AND DETAILS**
L-1.0 : L-1.4	LANDSCAPE PLANS**

** WILL BE INCLUDED WITH FINAL ENGINEERING

SITE BENCHMARK:
ARROW BOLT ON FIRE HYDRANT LOCATED ON THE NORTH SIDE OF 135TH STREET (PILCHER ROAD) APPROXIMATELY 351 FEET WEST FROM THE SOUTHEAST CORNER OF SUBJECT SITE.

ELEV:639.88 (NAVD 88)



COUNTY: DUPAGE
TOWNSHIP: 38N
RANGE: 9E
SECTION: 24

LOCATION MAP

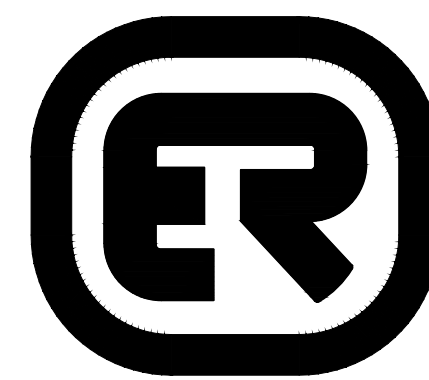
ZONING - DUPAGE COUNTY

PREPARED FOR: CITY OF NAPERVILLE

400 S. EAGLE STREET, NAPERVILLE
ILLINOIS, 60540
(630)420-6111

CITY CONTACTS

VILLAGE MAIN OFFICE LINE (630) 420-6111
PUBLIC WORKS DIRECTOR - RICHARD DUBLINSKI (630) 420-6752
DIRECTOR OF ENGINEERING - BILL NOVACK (630) 420-6704



ENGINEERING
RESOURCE ASSOCIATES

2416 GALEN DRIVE
CHAMPAIGN, ILLINOIS 61821
PHONE (217) 351-6268
FAX (217) 355-1902

35701 WEST AVENUE, SUITE 150
WARRENVILLE, ILLINOIS 60555
PHONE (630) 393-3060
FAX (630) 393-2152

10 S. RIVERSIDE PLAZA, SUITE 875
CHICAGO, ILLINOIS 60606
PHONE (312) 474-7841
FAX (312) 474-6099

TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE DRAINAGE OF THE SURFACE WATERS WILL NOT BE CHANGED BY THE CONSTRUCTION OF THESE LOT IMPROVEMENTS OR ANY PART THEREOF, OR THAT IF SUCH WATER DRAINAGE WILL BE CHANGED, REASONABLE PROVISIONS HAVE BEEN MADE FOR THE COLLECTION AND DIVERSION OF SUCH WATERS INTO PUBLIC AREAS OR DRAINS WHICH THE OWNER HAS A RIGHT TO USE, AND THAT SUCH SURFACE WATERS WILL BE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES, SO THAT THE DEVELOPMENT SHALL NOT ADVERSELY INCREASE FLOOD ELEVATIONS OR DECREASE FLOOD CONVEYANCE CAPACITY UPSTREAM OR DOWNSTREAM OF THE PROJECT AREA.

Engineer: _____
Seal: _____

John F. Mayer, P.E.
IL. P.E. NO. 062-047345
Expires November 30, 2025



CITY OF NAPERVILLE
400 S. EAGLE STREET, NAPERVILLE, ILLINOIS, 60540
(630)420-6111

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SOUTH EXTENSION
725 S WASHINGTON STREET, NAPERVILLE, ILLINOIS 60540
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DATE	PROJECT #	DESIGNED BY	CHECKED BY
	W22214.00	SPN	JFM

COVER

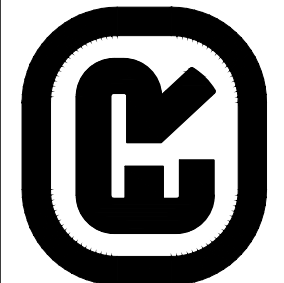
C-1.0
SHEET

It's smart It's free It's the law

Call before you dig

Call before you dig
800.892.0123

JULIE
ILLINOIS ONE-CALL SYSTEM

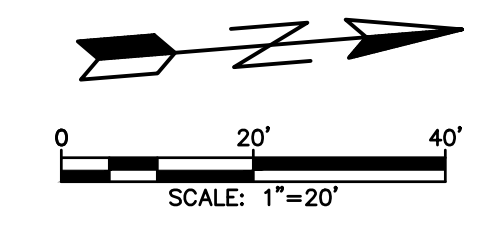


DATE	: W22214.00
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DESIGNED BY	: SPN
DRAWN BY	:
CHECKED BY	: JFM

EXISTING CONDITIONS & DEMO

LEGEND

- EX. SANITARY LINE
- EX. STORM LINE
- EX. WATER LINE
- EX. UNDERGROUND ELECTRIC (APPROXIMATE LOCATION)
- EX. OVERHEAD WIRE (APPROXIMATE LOCATION)
- EX. CONCRETE CURB & GUTTER
- EX. DEPRESSED CURB
- EX. CONTOURS
- EX. FIRE HYDRANT
- EX. SPOT ELEVATION
- EX. CONIFEROUS TREE W/TRUNK SIZE IN INCHES
- EX. DECIDUOUS TREE W/TRUNK SIZE IN INCHES



ABBREVIATIONS

- ACU AIR CONDITIONER UNIT
- BC BACK OF CURB
- BM BENCHMARK
- B/ BOTTOM OF
- CMP CORRUGATED METAL PIPE
- CONC CONCRETE
- CPP CORRUGATED PLASTIC PIPE
- DIP DUCTILE IRON PIPE
- E EAST
- ELEC ELECTRIC
- EM ELECTRIC METER
- EP EDGE OF PAVEMENT
- FF FINISHED FLOOR
- GF GARAGE FLOOR
- GM GAS METER
- HH HANDHOLE
- INV INVERT
- LP LIGHT POLE
- MH MANHOLE
- N NORTH
- PEDT TELEPHONE PEDESTAL
- PVC POLYVINYL CHLORIDE PIPE
- RCP REINFORCED CONCRETE PIPE
- S SOUTH
- TF TOP OF FOUNDATION
- TRANS TRANSFORMER
- T/ TOP OF
- TW TOP OF WALL
- UP UTILITY POLE
- VCP VITRIFIED CLAY PIPE
- W WEST

MATCH LINE - SEE SHEET 2 OF 3

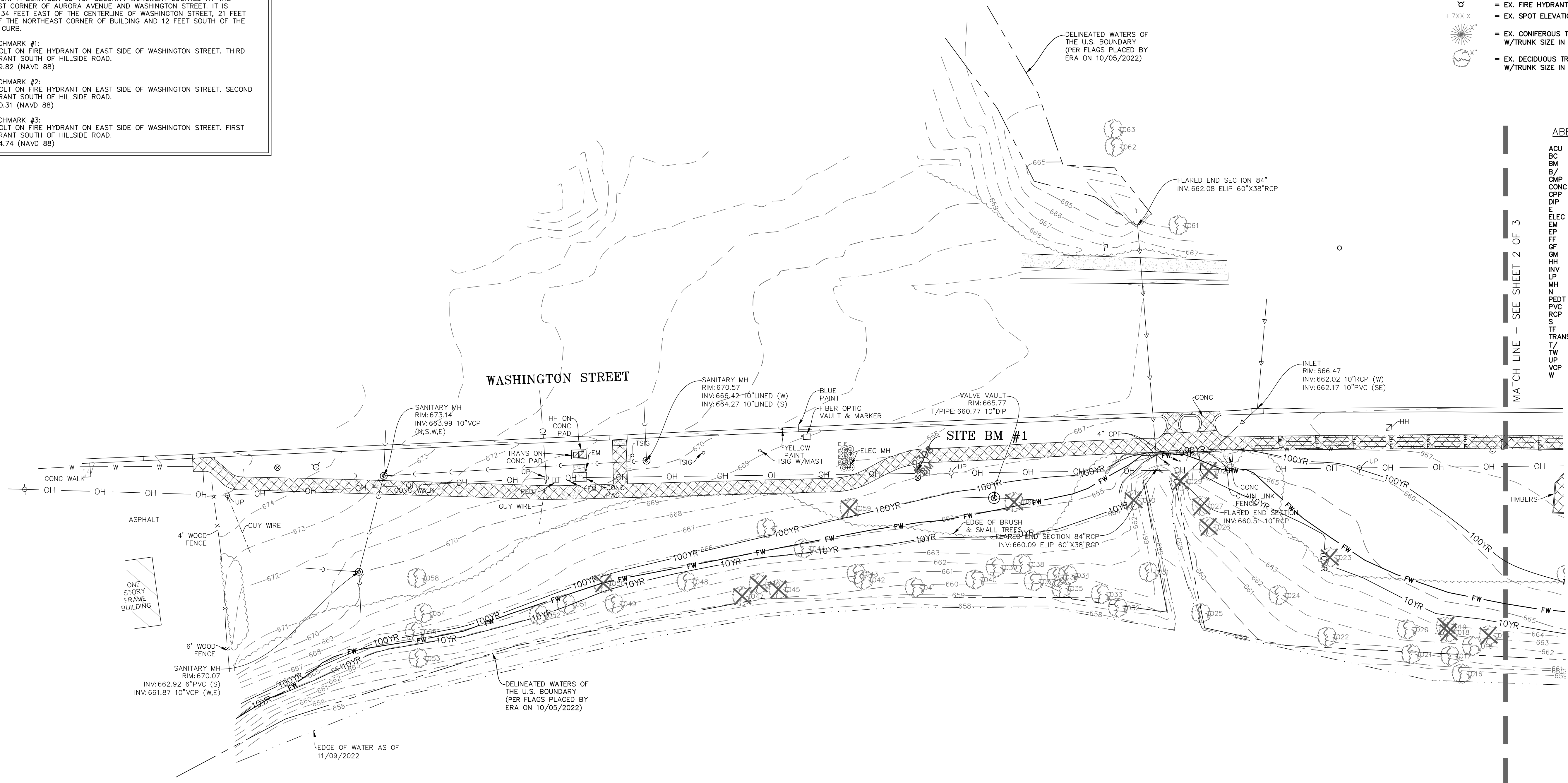
CITY OF NAPERVILLE BENCHMARK #1505
STATION ELEV: 672.24 (FT.)
VERTICAL DATUM: NAVD 1988 ADJUSTMENT

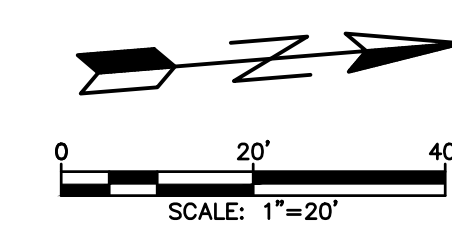
DESCRIPTION: A BERTINSEN 3D TOP SECURITY MONUMENT LOCATED AT THE NORTHEAST CORNER OF AURORA AVENUE AND WASHINGTON STREET. IT IS LOCATED 34 FEET EAST OF THE CENTERLINE OF WASHINGTON STREET, 21 FEET NORTH OF THE NORTHEAST CORNER OF BUILDING AND 12 FEET SOUTH OF THE BACK OF CURB.

SITE BENCHMARK #1:
ARROW BOLT ON FIRE HYDRANT ON EAST SIDE OF WASHINGTON STREET. THIRD FIRE HYDRANT SOUTH OF HILLSIDE ROAD.
ELEV: 669.82 (NAVD 88)

SITE BENCHMARK #2:
ARROW BOLT ON FIRE HYDRANT ON EAST SIDE OF WASHINGTON STREET. SECOND FIRE HYDRANT SOUTH OF HILLSIDE ROAD.
ELEV: 670.31 (NAVD 88)

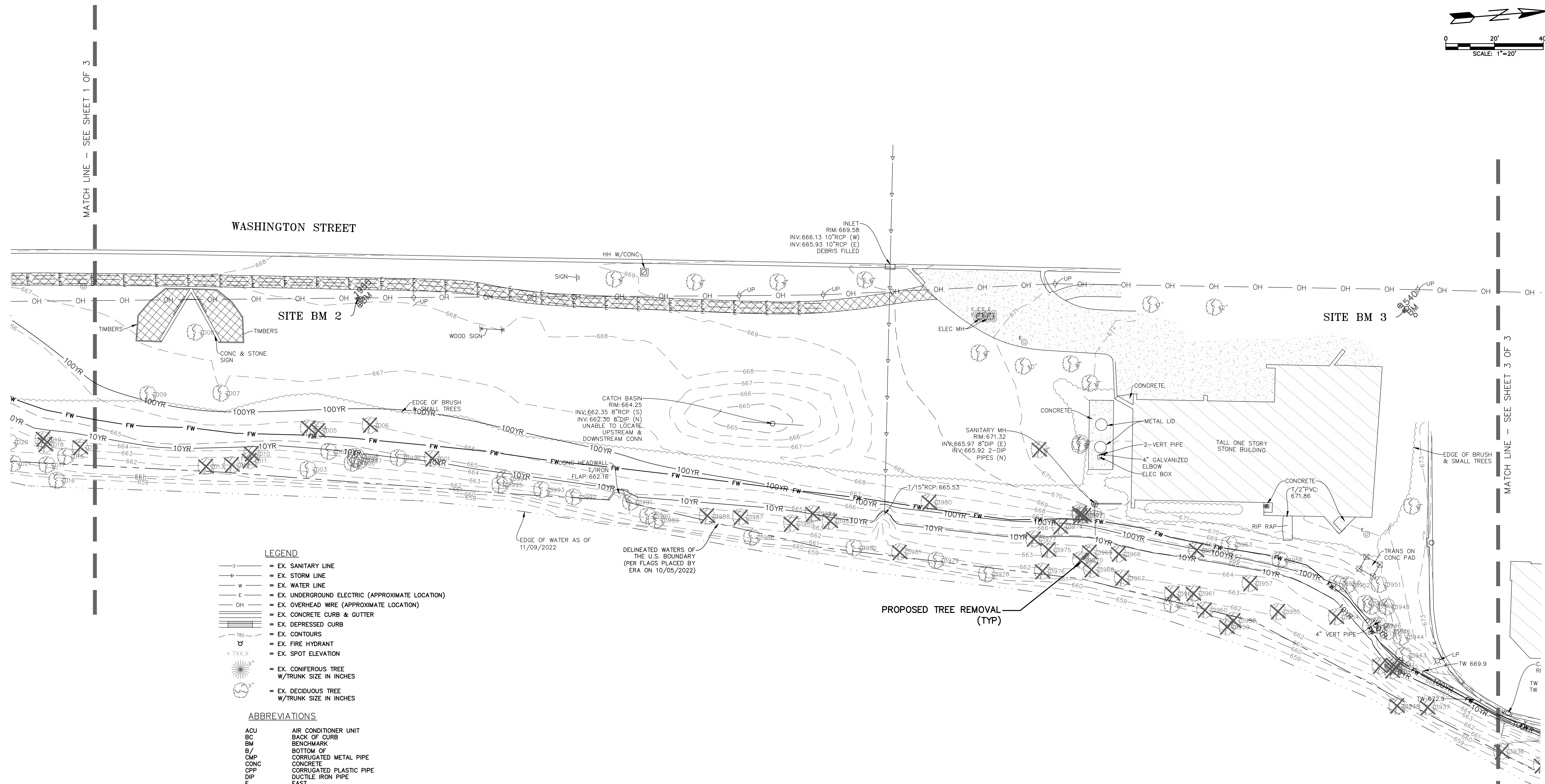
SITE BENCHMARK #3:
ARROW BOLT ON FIRE HYDRANT ON EAST SIDE OF WASHINGTON STREET. FIRST FIRE HYDRANT SOUTH OF HILLSIDE ROAD.
ELEV: 674.74 (NAVD 88)





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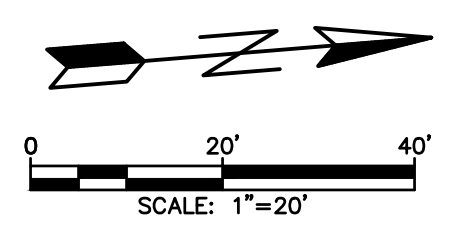
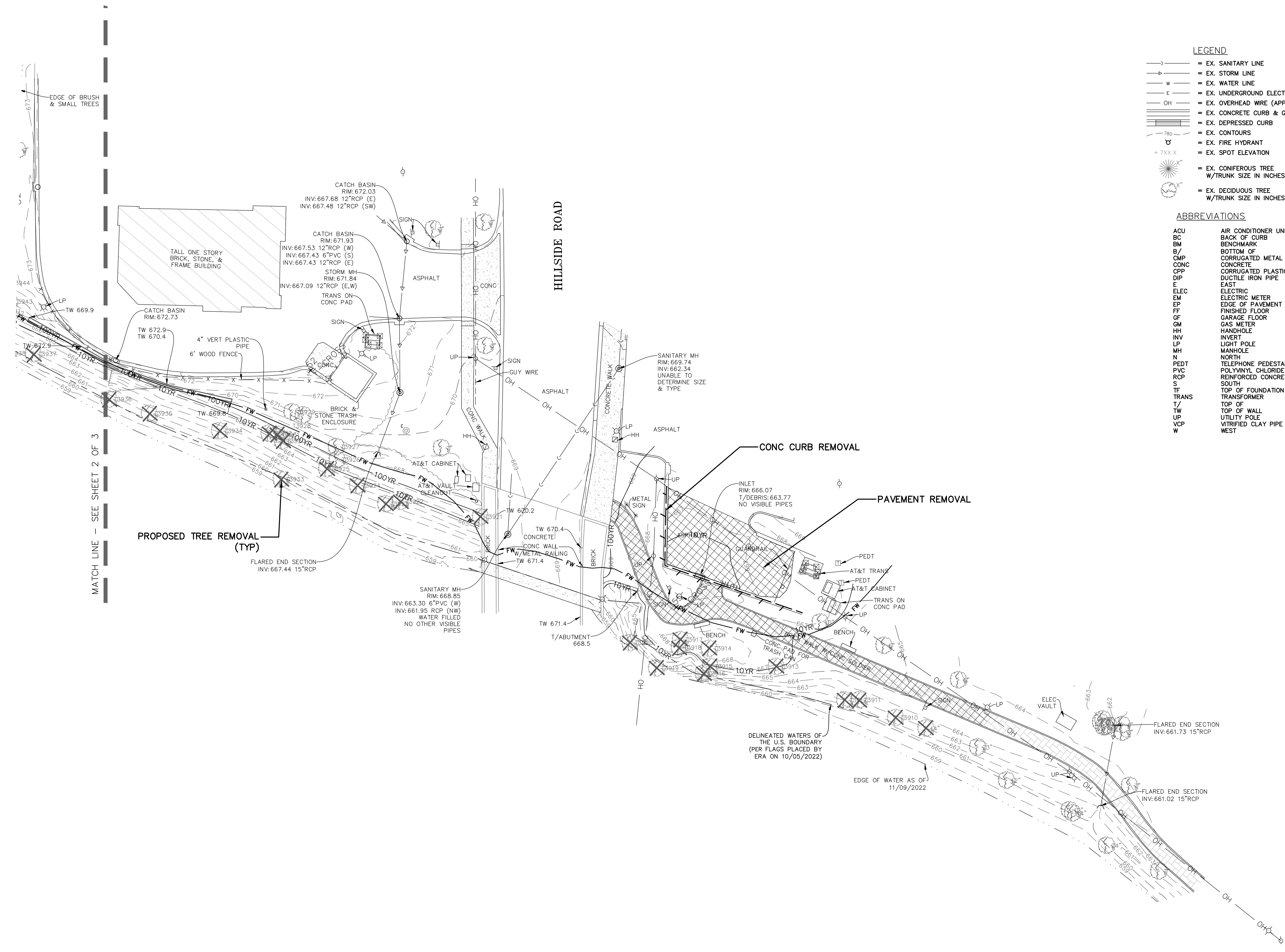
EXISTING CONDITIONS & DEMO



- LEGEND**
- EX. SANITARY LINE
 - EX. STORM LINE
 - EX. WATER LINE
 - EX. UNDERGROUND ELECTRIC (APPROXIMATE LOCATION)
 - EX. OVERHEAD WIRE (APPROXIMATE LOCATION)
 - EX. CONCRETE CURB & GUTTER
 - EX. DEPRESSED CURB
 - EX. CONTOURS
 - EX. FIRE HYDRANT
 - EX. SPOT ELEVATION
 - +7XX.XX
 - ☀ EX. CONIFEROUS TREE
W/TRUNK SIZE IN INCHES
 - ☀ EX. DECIDUOUS TREE
W/TRUNK SIZE IN INCHES
- ABBREVIATIONS**
- | | |
|-------|--------------------------|
| ACU | AIR CONDITIONER UNIT |
| BC | BACK OF CURB |
| BM | BENCHMARK |
| B/ | BOTTOM OF |
| CMP | CORRUGATED METAL PIPE |
| CONC | CONCRETE |
| CPV | CORRUGATED PLASTIC PIPE |
| DIP | DUCTILE IRON PIPE |
| E | EAST |
| ELEC | ELECTRIC |
| EM | ELECTRIC METER |
| EP | EDGE OF PAVEMENT |
| FF | FINISHED FLOOR |
| GF | GARAGE FLOOR |
| GM | GAS METER |
| HH | HANDHOLE |
| INV | INVERT |
| LP | LIGHT POLE |
| MH | MANHOLE |
| N | NORTH |
| PEDT | TELEPHONE PEDESTAL |
| PVC | POLYVINYL CHLORIDE PIPE |
| RCP | REINFORCED CONCRETE PIPE |
| S | SOUTH |
| TF | TOP OF FOUNDATION |
| TRANS | TRANSFORMER |
| T/ | TOP OF |
| TW | TOP OF WALL |
| UP | UTILITY POLE |
| VCP | VITRIFIED CLAY PIPE |
| W | WEST |

MATCH LINE - SEE SHEET 1 OF 3

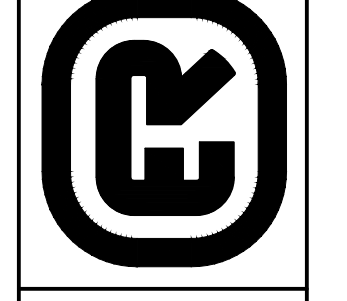
MATCH LINE - SEE SHEET 3 OF 3



- LEGEND**
- = EX. SANITARY LINE
 - = EX. STORM LINE
 - w— = EX. WATER LINE
 - E— = EX. UNDERGROUND ELECTRIC (APPROXIMATE LOCATION)
 - OH— = EX. OVERHEAD WIRE (APPROXIMATE LOCATION)
 - ||— = EX. CONCRETE CURB & GUTTER
 - |— = EX. DEPRESSED CURB
 - 7.90— = EX. CONTOURS
 - ⊕ = EX. FIRE HYDRANT
 - +7.99.X = EX. SPOT ELEVATION
 - ☀ = EX. CONIFEROUS TREE
W/TRUNK SIZE IN INCHES
 - ☀ = EX. DECIDUOUS TREE
W/TRUNK SIZE IN INCHES

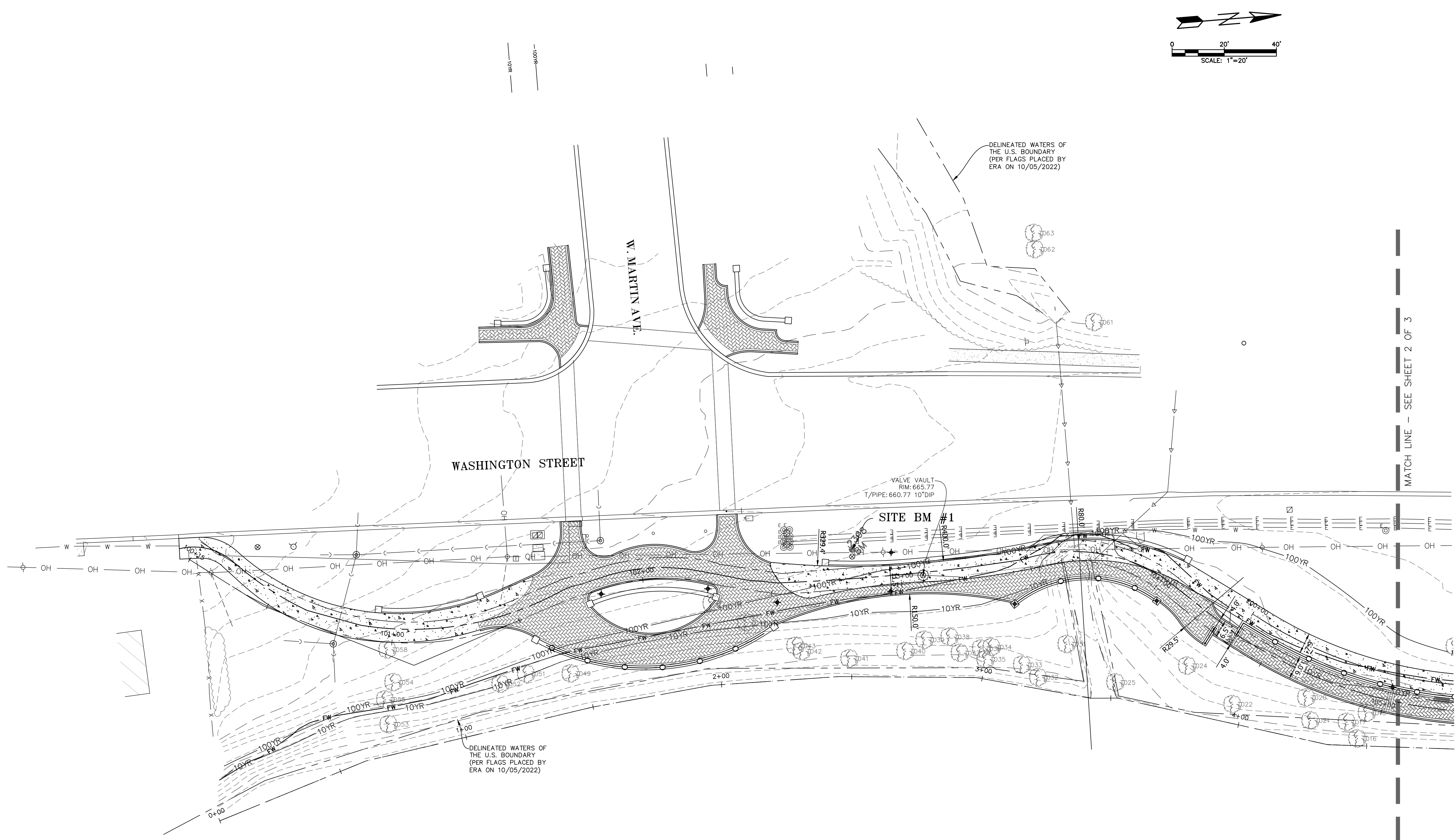
- ABBREVIATIONS**
- | | |
|-------|--------------------------|
| ACU | AIR CONDITIONER UNIT |
| BC | BACK OF CURB |
| BM | BENCHMARK |
| B/ | BOTTOM OF |
| CMP | CORRUGATED METAL PIPE |
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| T/ | TOP OF |
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| UP | UTILITY POLE |
| VCP | VITRIFIED CLAY PIPE |
| W | WEST |

MATCH LINE — SEE SHEET 2 OF 3

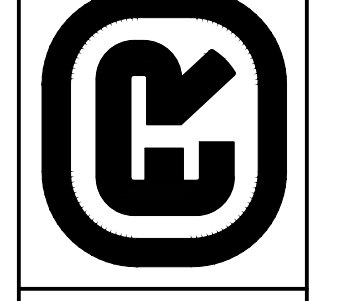


DATE	:	
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CHECKED BY	:	JFM
DESCRIPTION:	Naperville\W22214.00 Riverwalk South Extension\CAAD\SHET\0-3.0 Existing & Demo.dwg	

EXISTING CONDITIONS & DEMO



ENGINEERING RESOURCE ASSOCIATES
 35701 WEST AVENUE, SUITE 150
 NAPERVILLE, ILLINOIS 60540
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 FAX (630) 393-2152
 www.enrconsultants.com



CITY OF NAPERVILLE
 400 S. EAGLE STREET, NAPERVILLE, ILLINOIS, 60540
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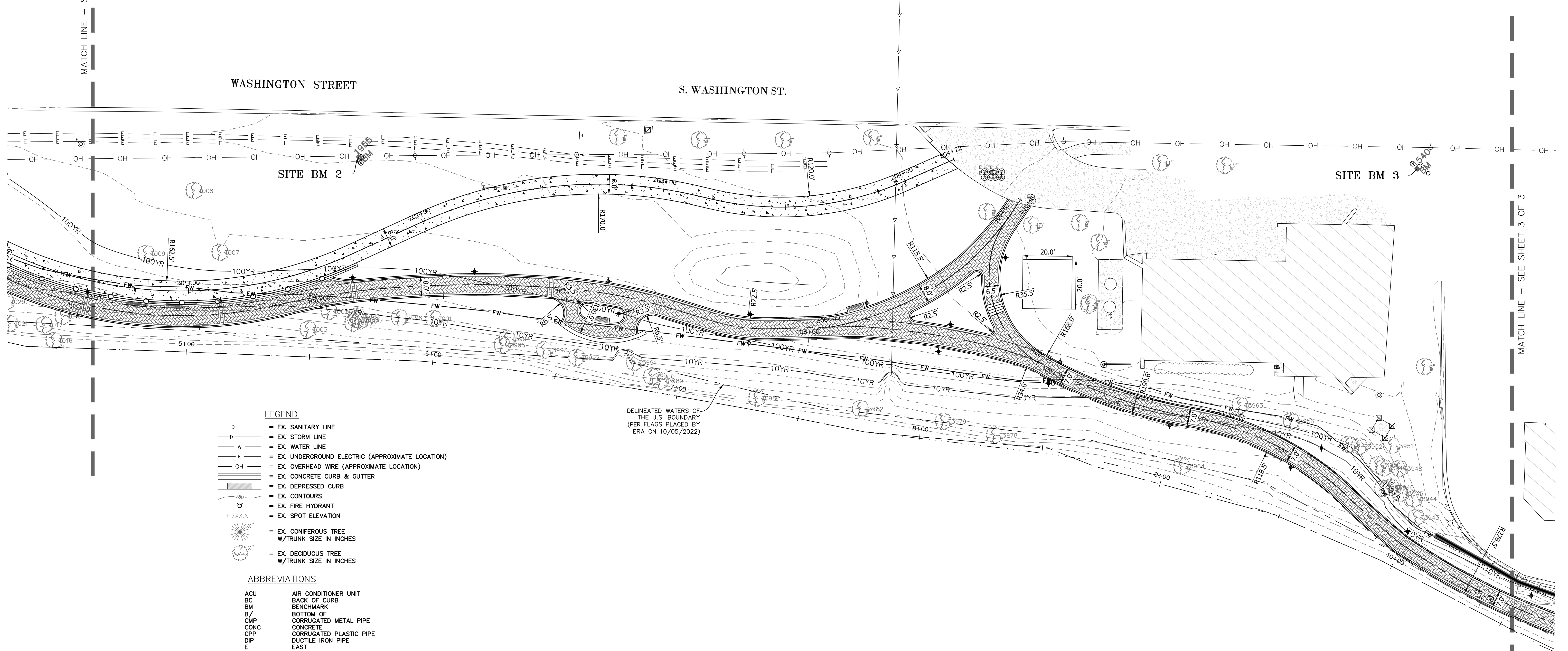
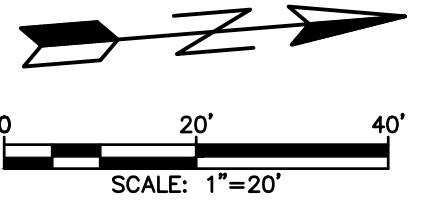
NAPERVILLE RIVERWALK SOUTH EXTENSION
 725 S WASHINGTON STREET, NAPERVILLE, ILLINOIS, 60540
 PROJECT #: W22214.00

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DESIGNED BY	:	SPN
DRAWN BY	:	
CHECKED BY	:	JFM

DESCRIPTION:
 H:\Naperville\W22214.00 Riverwalk South Extension\CA00\SHEET\C-4.0 Geometry.dwg

C-4.0
 SHEET

MATCH LINE - SEE SHEET 1 OF 3



- LEGEND**
- = EX. SANITARY LINE
 - = EX. STORM LINE
 - = EX. WATER LINE
 - = EX. UNDERGROUND ELECTRIC (APPROXIMATE LOCATION)
 - = EX. OVERHEAD WIRE (APPROXIMATE LOCATION)
 - = EX. CONCRETE CURB & GUTTER
 - = EX. DEPRESSED CURB
 - = EX. CONTOURS
 - = EX. FIRE HYDRANT
 - = EX. SPOT ELEVATION
 - = EX. CONIFEROUS TREE
W/TRUNK SIZE IN INCHES
 - = EX. DECIDUOUS TREE
W/TRUNK SIZE IN INCHES

DELINEATED WATERS OF THE U.S. BOUNDARY (PER FLAGS PLACED BY ERA ON 10/05/2022)

- ABBREVIATIONS**
- | | |
|-------|--------------------------|
| ACU | AIR CONDITIONER UNIT |
| BC | BACK OF CURB |
| BM | BENCHMARK |
| B/ | BOTTOM OF |
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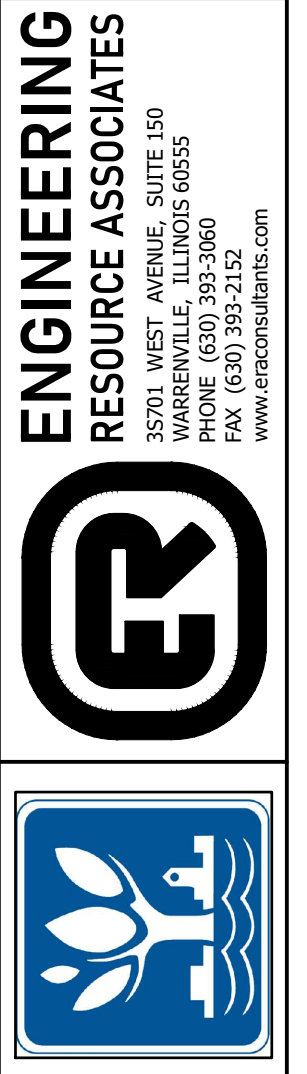
WASHINGTON STREET

S. WASHINGTON ST.

SITE BM 2

SITE BM 3

MATCH LINE - SEE SHEET 3 OF 3



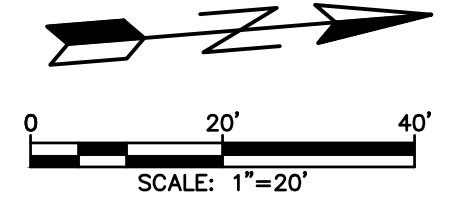
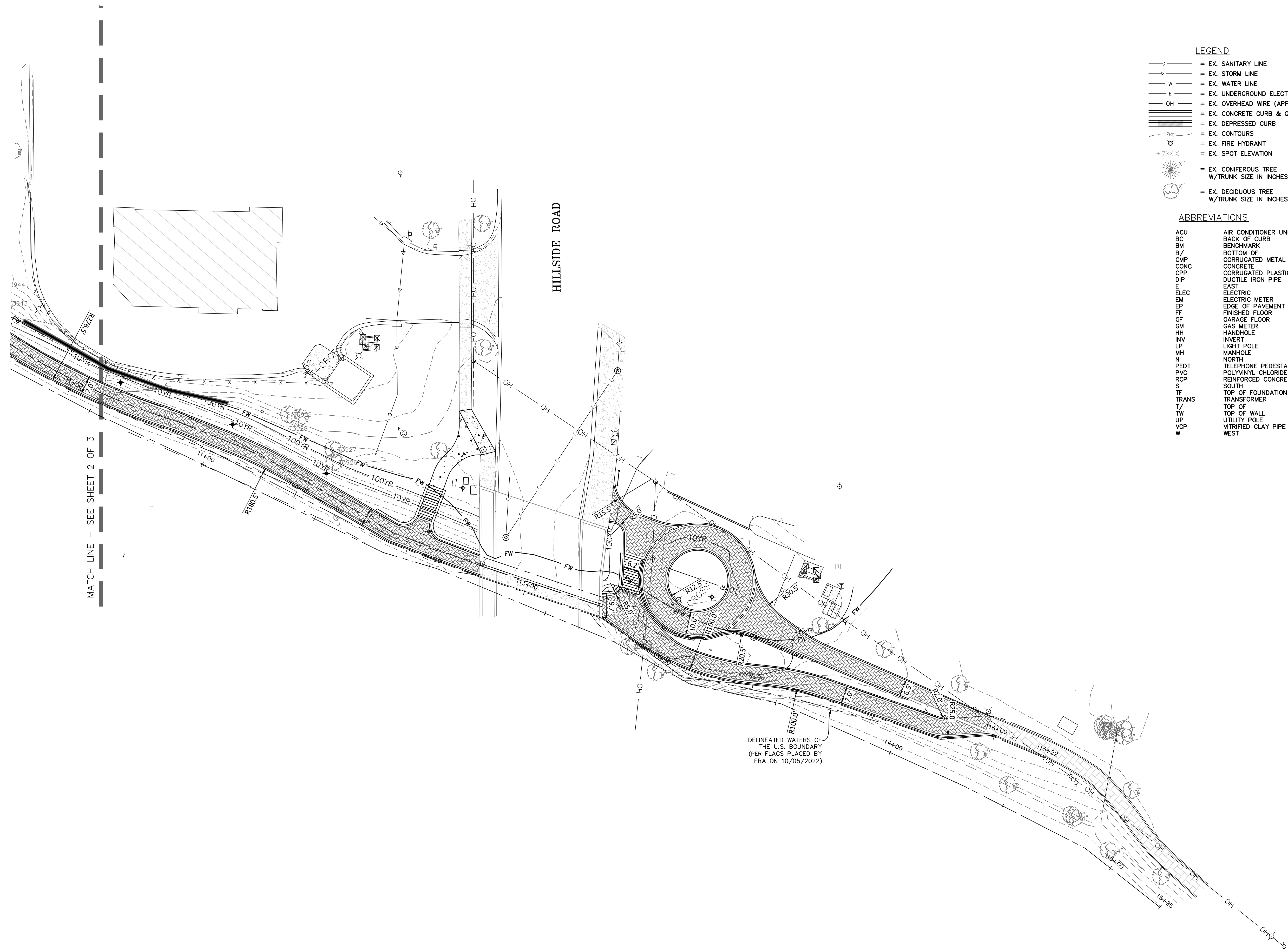
CITY OF NAPERVILLE
400 S. EAGLE STREET, NAPERVILLE, ILLINOIS 60540
PHONE (630) 393-3000
FAX (630) 393-2152
www.enconconsultants.com

**NAPERVILLE RIVERWALK
SOUTH EXTENSION**
725 S WASHINGTON STREET, NAPERVILLE, ILLINOIS 60540
PROJECT # W22214.00

DATE	:	
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DRAWN BY	:	
CHECKED BY	:	JFM

GEOMETRY

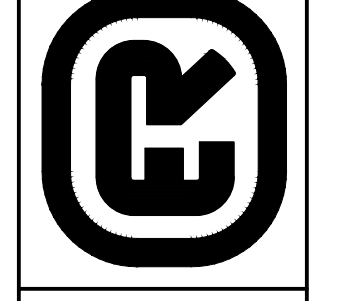
C-4.1
SHEET



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- ABBREVIATIONS**
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 - VCP VITRIFIED CLAY PIPE
 - W WEST

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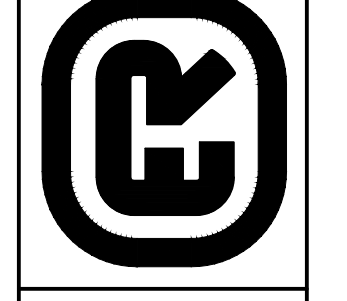
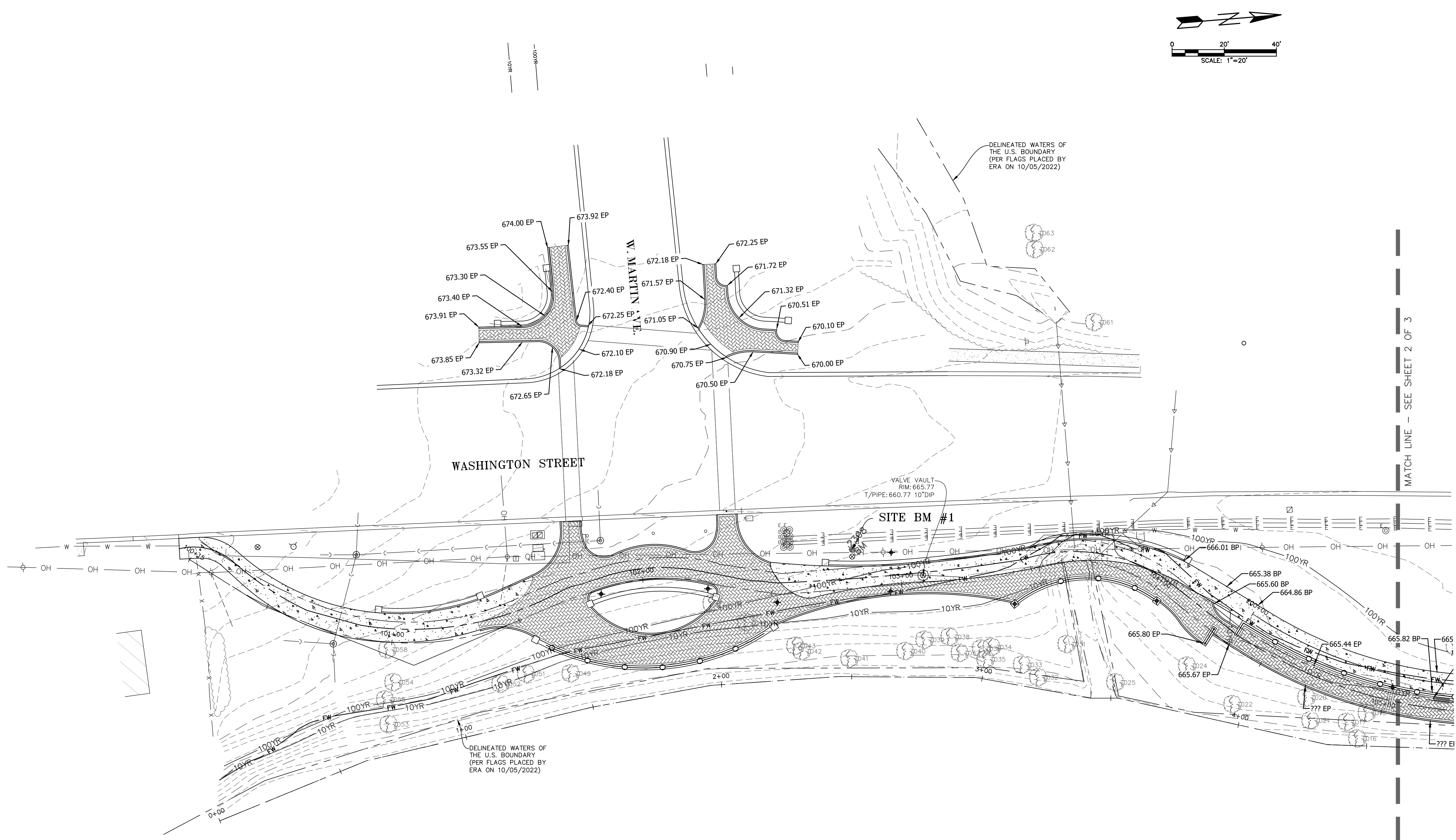
CITY OF NAPERVILLE
 400 S. EAGLE STREET, NAPERVILLE, ILLINOIS, 60540
 (630) 426-6111

**NAPERVILLE RIVERWALK
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DESCRIPTION:	H:\Naperville\W22214.00 Riverwalk South Extension\CAAD\SHET\C-4.0 Geometry.dwg	

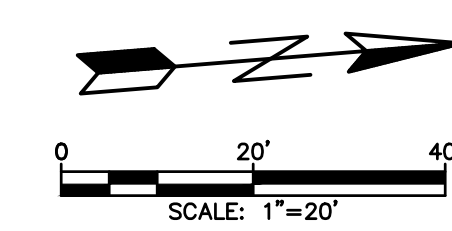
GEOMETRY

C-4.2
 SHEET



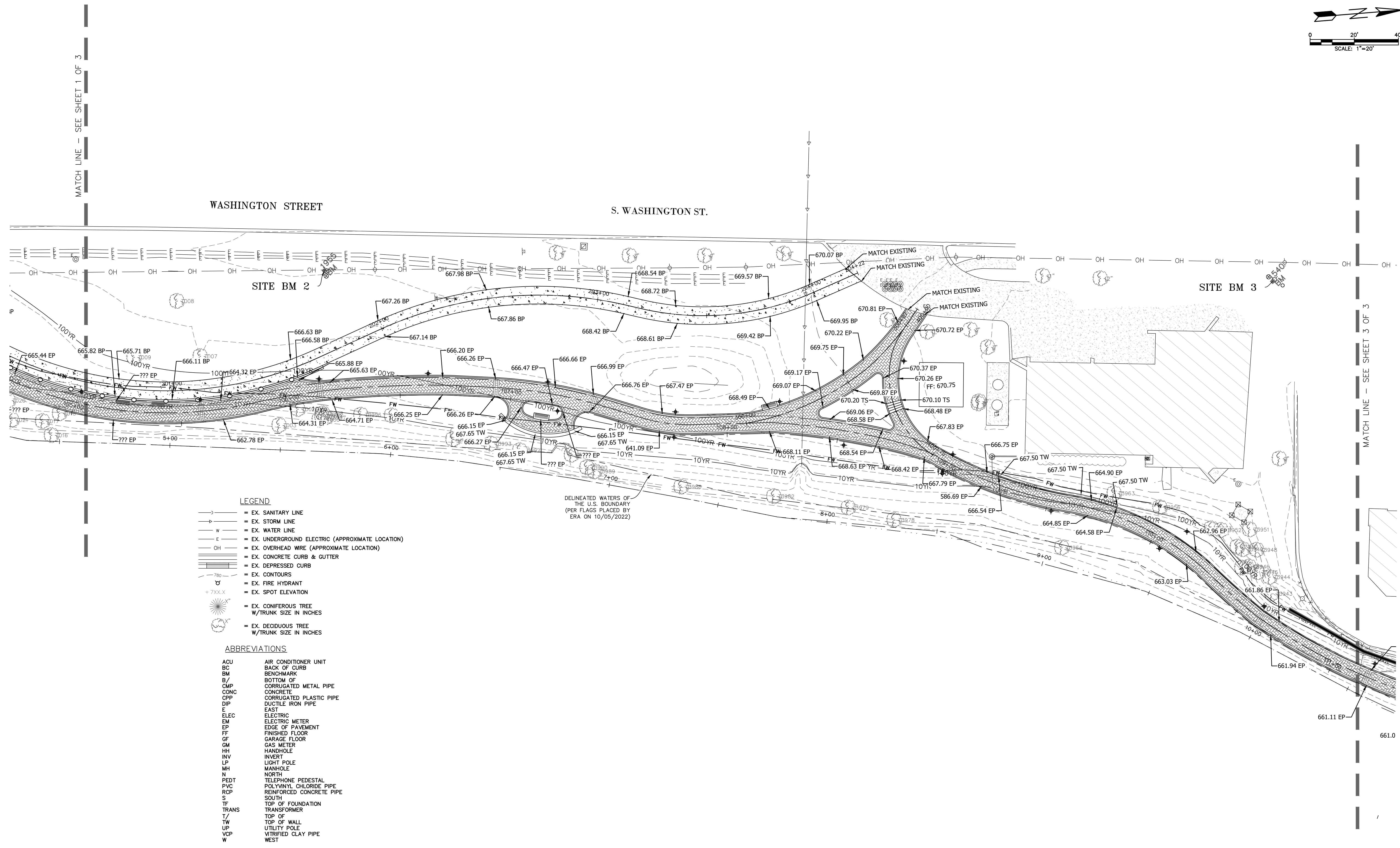
DATE	:	
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DRAWN BY	:	
CHECKED BY	:	JFM
DESCRIPTION:	H:\Naperville\W22214.00 Riverwalk South Extension\CAAD\SH2ET\C-5.0 Grading.dwg	

GRADING	
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DATE	PROJECT #	DESIGNED BY	CHECKED BY
	W22214.00	SPN	JFM
GRADING	DRAWN BY	DESCRIPTION:	
		H:\Naperville\W22214.00 Riverwalk South Extension\CAAD\W22214.00 SHEET C-5.1 Grading.dwg	

DATE	PROJECT #	DESIGNED BY	CHECKED BY
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- ABBREVIATIONS**
- | | |
|-------|--------------------------|
| ACU | AIR CONDITIONER UNIT |
| BC | BACK OF CURB |
| BM | BENCHMARK |
| B/ | BOTTOM OF |
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| CONC | CONCRETE |
| CPV | CORRUGATED PLASTIC PIPE |
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| E | EAST |
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| PVC | POLYVINYL CHLORIDE PIPE |
| RCP | REINFORCED CONCRETE PIPE |
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| TRANS | TRANSFORMER |
| T/ | TOP OF |
| TW | TOP OF WALL |
| UP | UTILITY POLE |
| VCP | VITRIFIED CLAY PIPE |
| W | WEST |

DELINEATED WATERS OF THE U.S. BOUNDARY (PER FLAGS PLACED BY ERA ON 10/05/2022)

MATCH LINE - SEE SHEET 1 OF 3

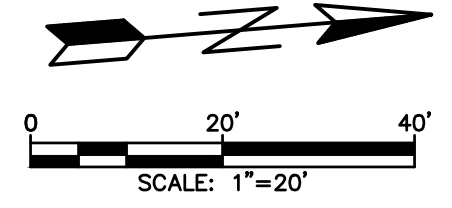
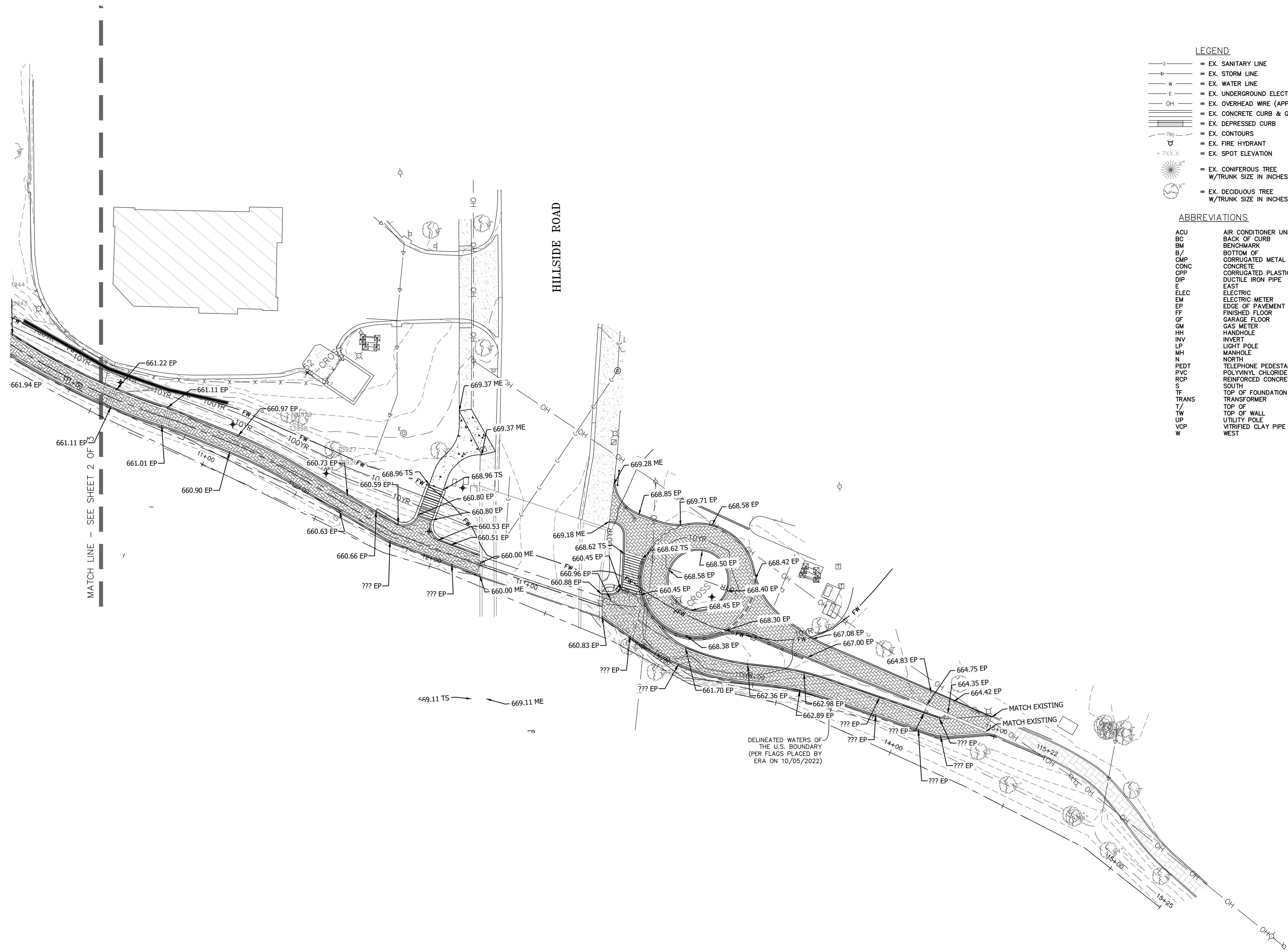
MATCH LINE - SEE SHEET 3 OF 3

WASHINGTON STREET

S. WASHINGTON ST.

SITE BM 2

SITE BM 3



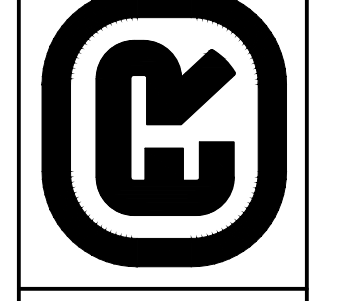
- LEGEND**
- >— = EX. SANITARY LINE
 - >— = EX. STORM LINE
 - w— = EX. WATER LINE
 - E— = EX. UNDERGROUND ELECTRIC (APPROXIMATE LOCATION)
 - OH— = EX. OVERHEAD WIRE (APPROXIMATE LOCATION)
 - |—|— = EX. CONCRETE CURB & GUTTER
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 - 7.90— = EX. CONTOURS
 - ⊕ = EX. FIRE HYDRANT
 - +7.99.X = EX. SPOT ELEVATION
 - ⊙ = EX. CONIFEROUS TREE
W/TRUNK SIZE IN INCHES
 - ⊙ = EX. DECIDUOUS TREE
W/TRUNK SIZE IN INCHES

- ABBREVIATIONS**
- ACU AIR CONDITIONER UNIT
 - BC BACK OF CURB
 - BM BENCHMARK
 - B/ BOTTOM OF
 - CMP CORRUGATED METAL PIPE
 - CONC CONCRETE
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 - E EAST
 - ELEC ELECTRIC
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 - EP EDGE OF PAVEMENT
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 - HH HANDHOLE
 - INV INVERT
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 - MH MANHOLE
 - N NORTH
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 - PVC POLYVINYL CHLORIDE PIPE
 - RCP REINFORCED CONCRETE PIPE
 - S SOUTH
 - TF TOP OF FOUNDATION
 - TRANS TRANSFORMER
 - T/ TOP OF
 - TW TOP OF WALL
 - UP UTILITY POLE
 - VCP VITRIFIED CLAY PIPE
 - W WEST

MATCH LINE — SEE SHEET 2 OF 3

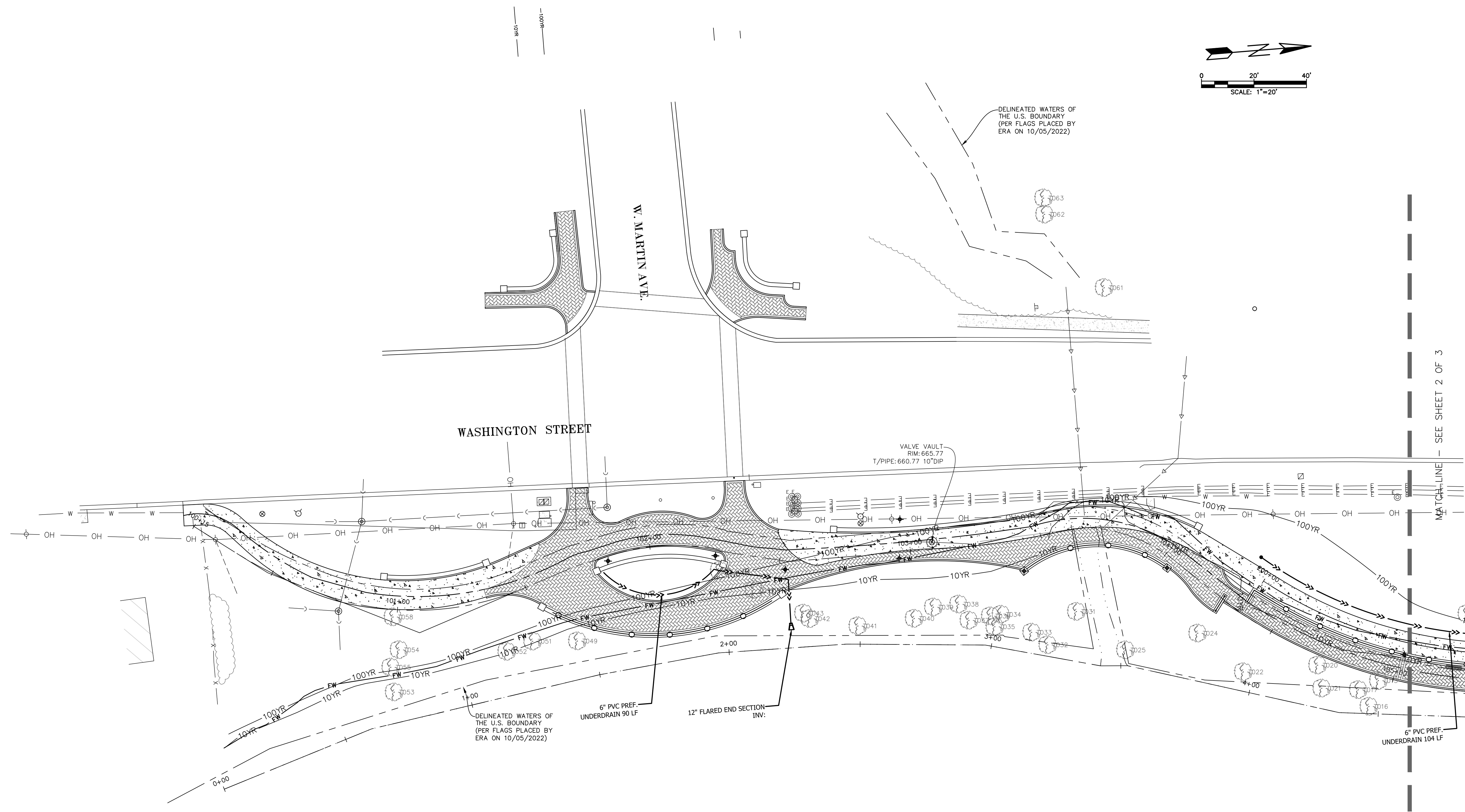
HILLSIDE ROAD

DELINEATED WATERS OF THE U.S. BOUNDARY (PER FLAGS PLACED BY ERA ON 10/05/2022)



DATE	:	
PROJECT #	:	W22214.00
DESIGNED BY	:	SPN
DRAWN BY	:	
CHECKED BY	:	JFM
DESCRIPTION:	:	

GRADING	:	
C-5.2 SHEET	:	



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INV:668.25 N/S
INV:668.25 N/S

△ INLET TYPE A
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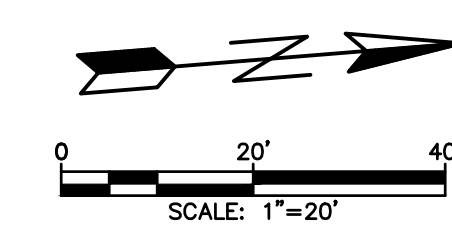
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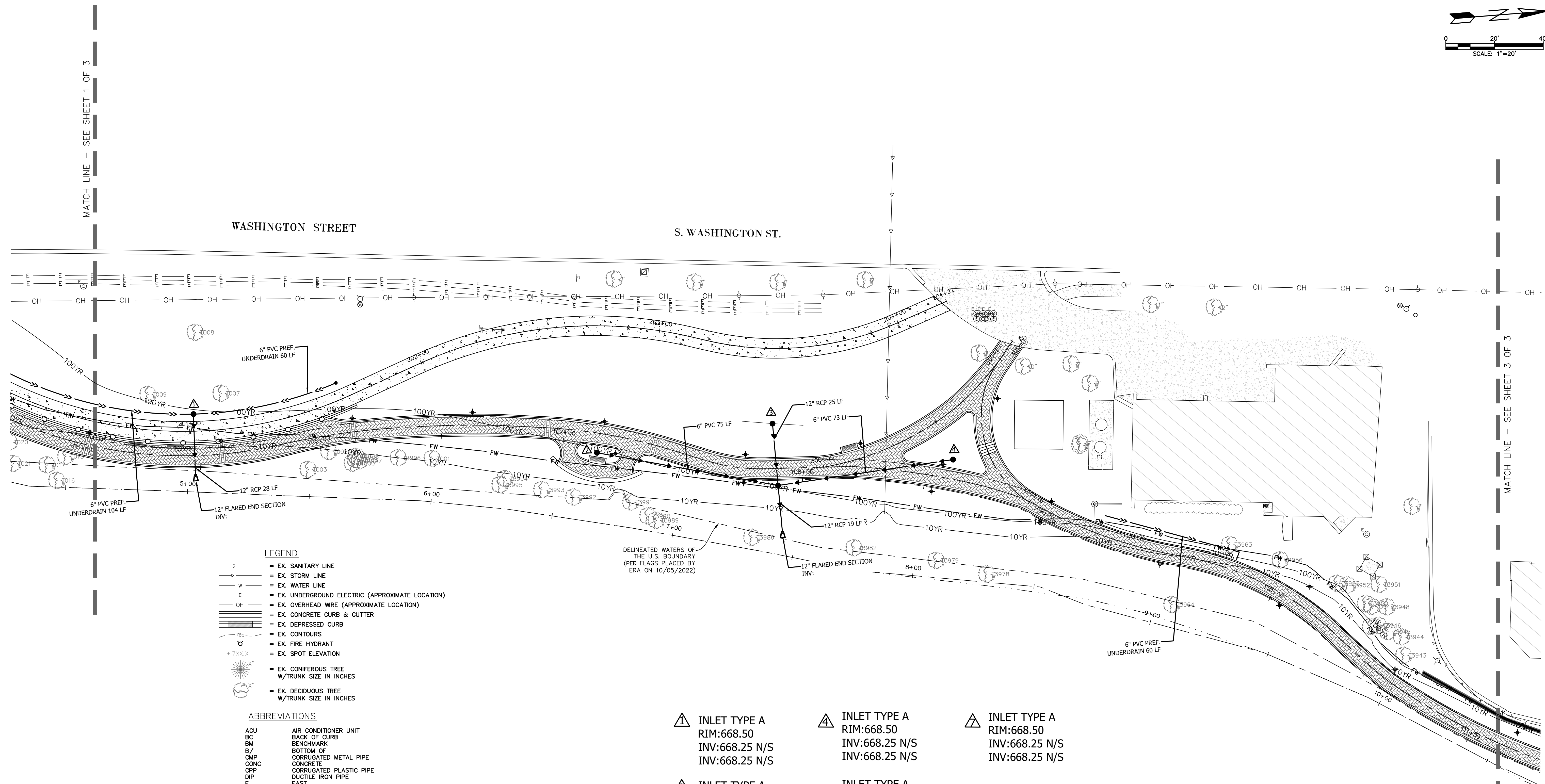
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PROJECT #	:	W22214.00
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CHECKED BY	:	JFM

UTILITY	:	
DESCRIPTION:	:	



DATE	:	
PROJECT #	:	W22214.00
DESIGNED BY	:	SPN
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CHECKED BY	:	JFM
DESCRIPTION:	UTILITY	

DATE	:	
PROJECT #	:	W22214.00
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DESCRIPTION:	UTILITY	
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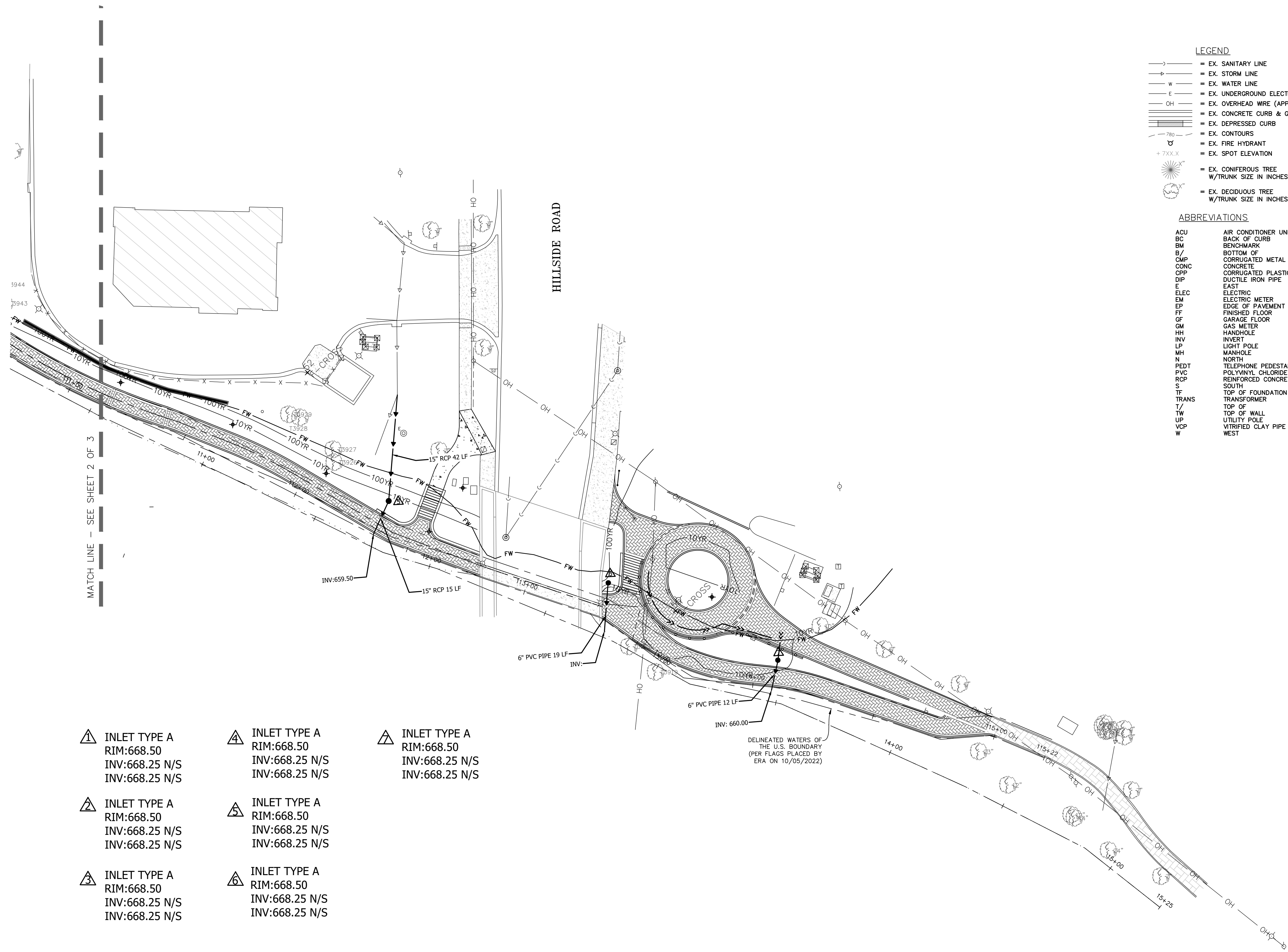
- LEGEND**
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 - = EX. SPOT ELEVATION
 - = EX. CONIFEROUS TREE
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 - = EX. DECIDUOUS TREE
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- ABBREVIATIONS**
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 - VCP VITRIFIED CLAY PIPE
 - W WEST

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INV:668.25 N/S
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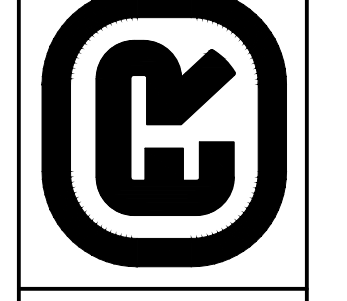
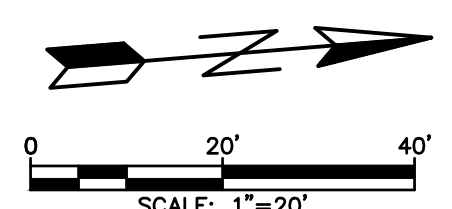
MATCH LINE - SEE SHEET 1 OF 3

MATCH LINE - SEE SHEET 3 OF 3



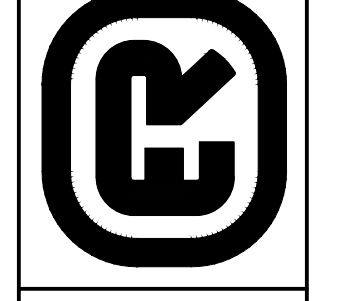
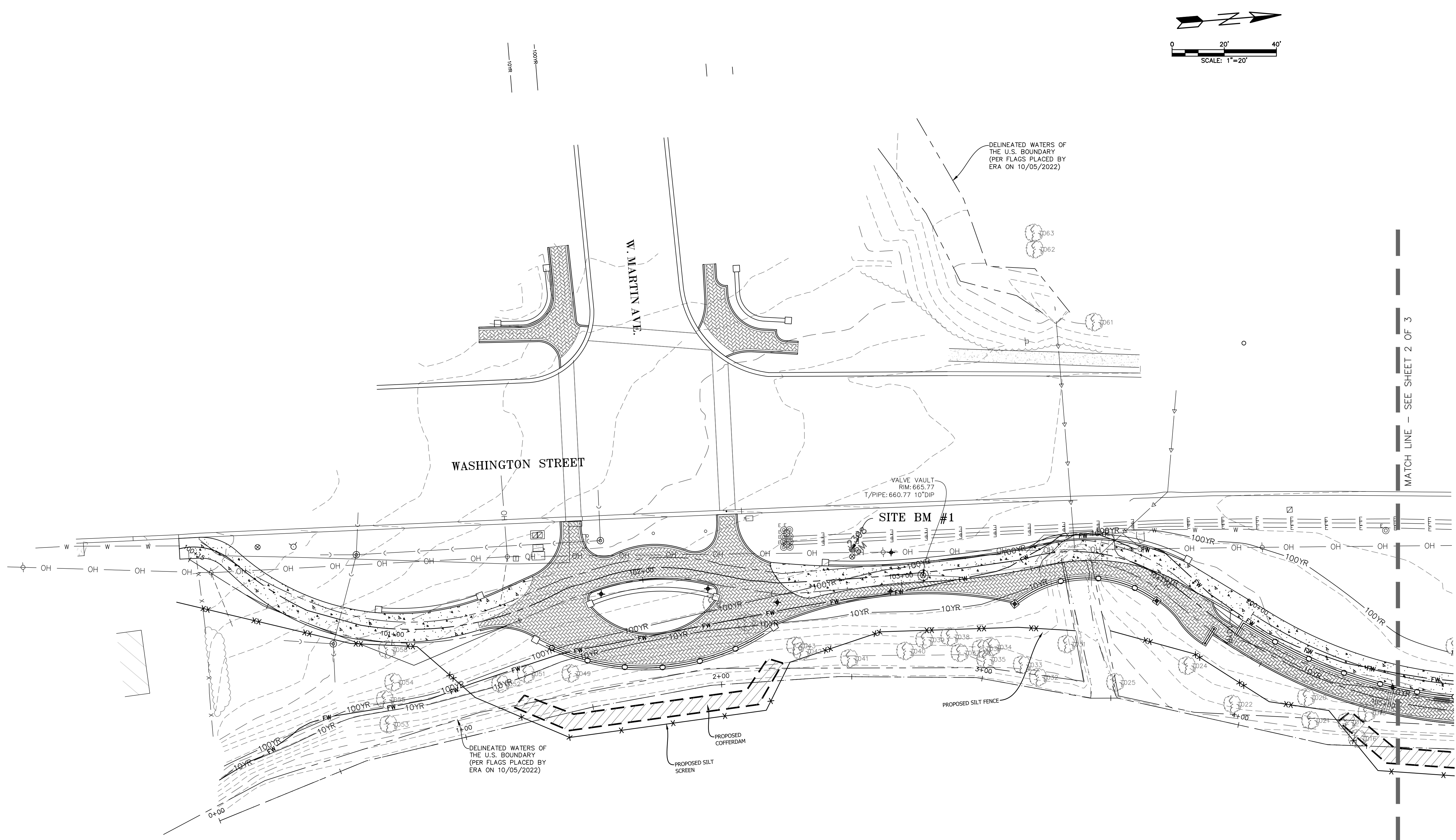
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W/TRUNK SIZE IN INCHES
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| BM | BENCHMARK |
| B/ | BOTTOM OF |
| CMP | CORRUGATED METAL PIPE |
| CONC | CONCRETE |
| CPP | CORRUGATED PLASTIC PIPE |
| DIP | DUCTILE IRON PIPE |
| E | EAST |
| ELEC | ELECTRIC |
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| EP | EDGE OF PAVEMENT |
| FF | FINISHED FLOOR |
| GF | GARAGE FLOOR |
| GM | GAS METER |
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| MH | MANHOLE |
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| PVC | POLYVINYL CHLORIDE PIPE |
| RCP | REINFORCED CONCRETE PIPE |
| S | SOUTH |
| TF | TOP OF FOUNDATION |
| TRANS | TRANSFORMER |
| T/ | TOP OF |
| TW | TOP OF WALL |
| UP | UTILITY POLE |
| VCP | VITRIFIED CLAY PIPE |
| W | WEST |



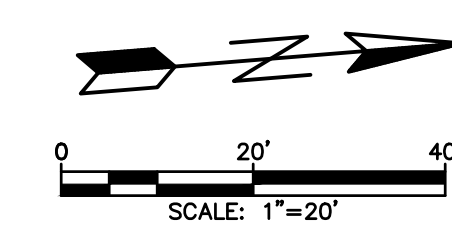
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PROJECT #	:	W22214.00
DESIGNED BY	:	SPN
DRAWN BY	:	
CHECKED BY	:	JFM
DESCRIPTION:	UTILITY.dwg	

UTILITY



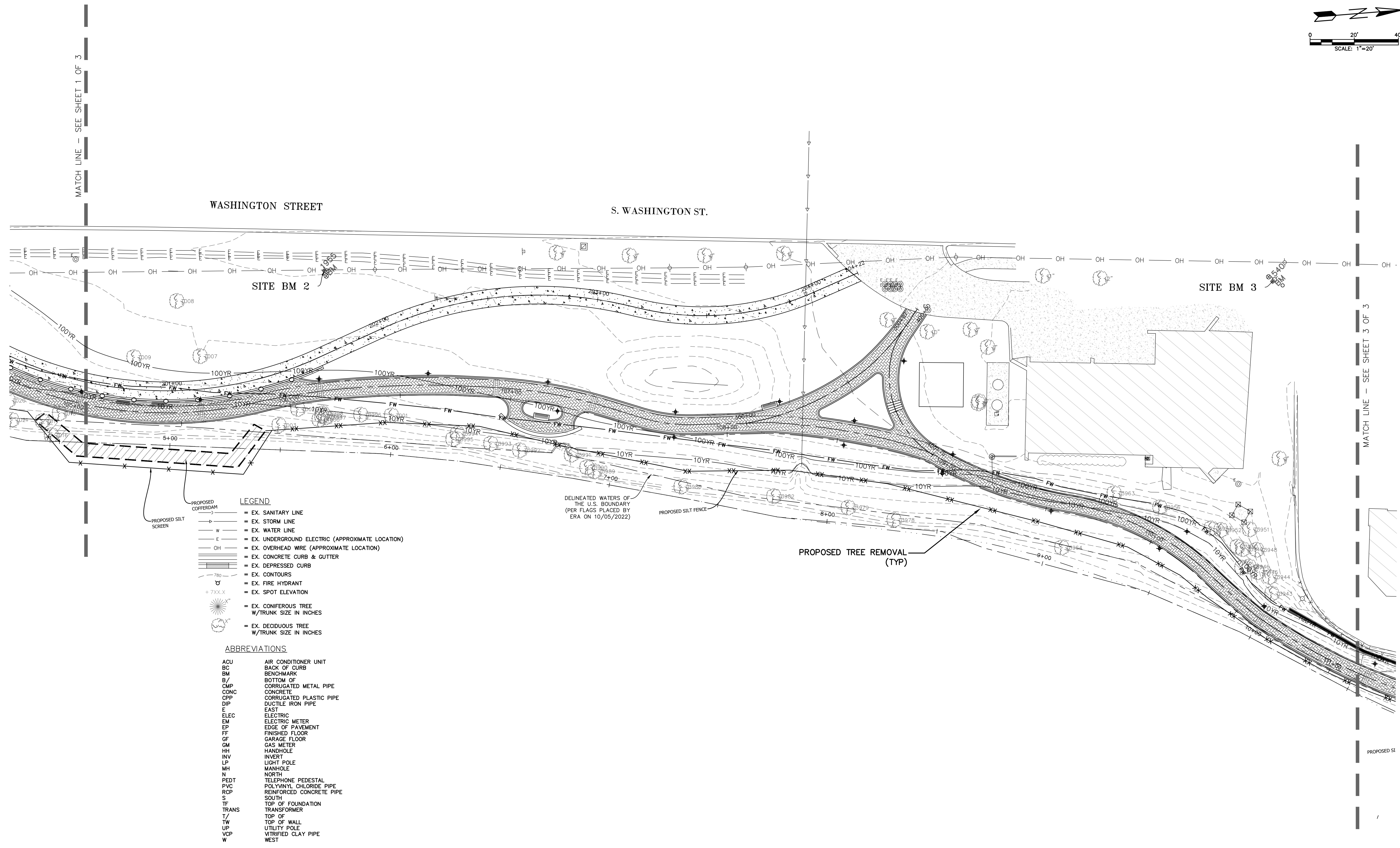
DATE	:	
PROJECT #	:	W22214.00
DESIGNED BY	:	SPN
DRAWN BY	:	
CHECKED BY	:	JFM
DESCRIPTION:	Erosion Control.dwg	

EROSION CONTROL



DATE	:	
PROJECT #	:	W22214.00
DESIGNED BY	:	SPN
DRAWN BY	:	
CHECKED BY	:	JFM
DESCRIPTION:	H:\Naperville\W22214.00 Riverwalk South Extension\CAAD\SH\ET\0-7.0 Erosion Control.dwg	

EROSION CONTROL

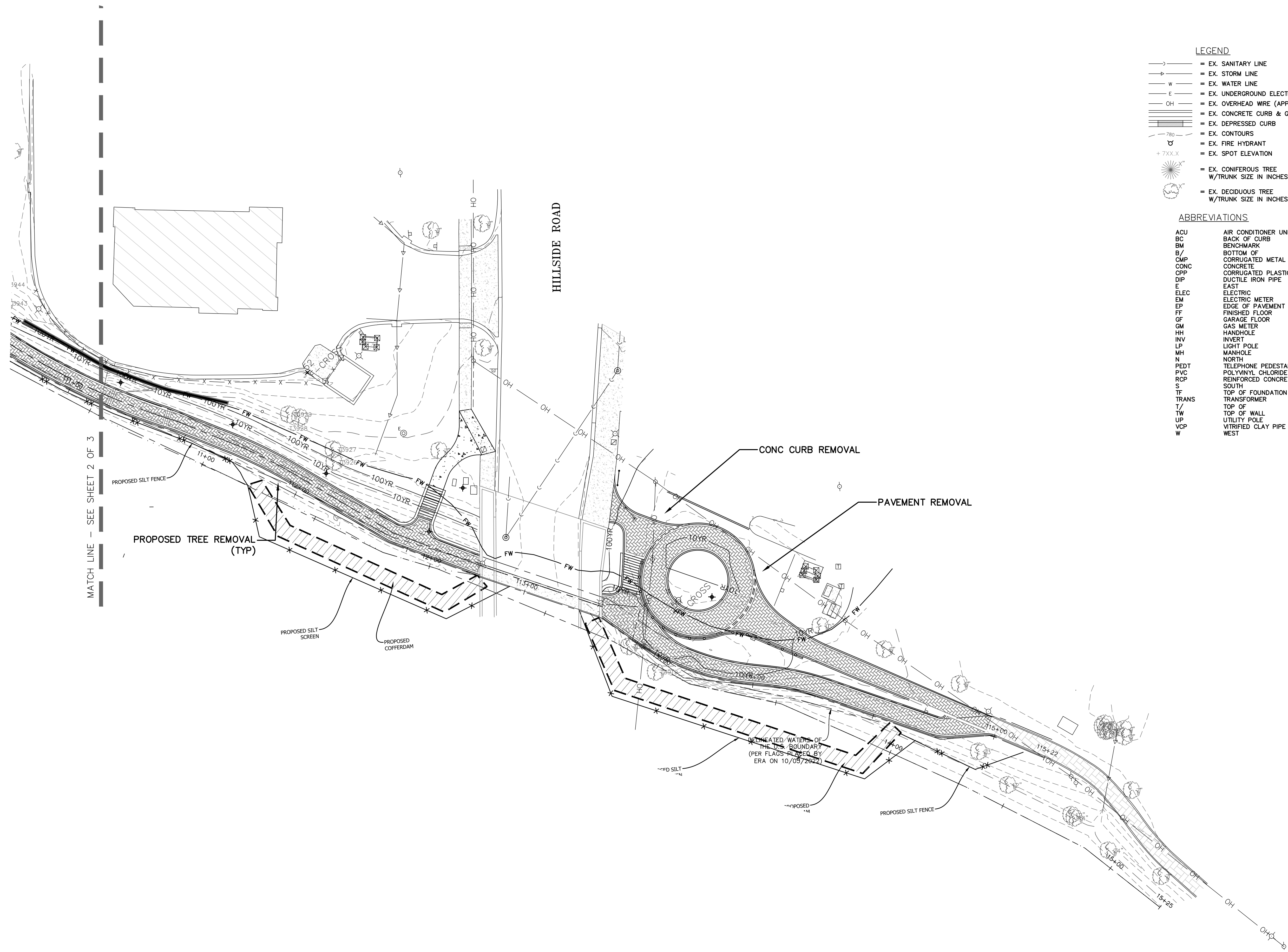


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| T/ | TOP OF |
| TW | TOP OF WALL |
| UP | UTILITY POLE |
| VCP | VITRIFIED CLAY PIPE |
| W | WEST |

MATCH LINE - SEE SHEET 1 OF 3

MATCH LINE - SEE SHEET 3 OF 3

PROPOSED SI



- LEGEND**
- = EX. SANITARY LINE
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 - W WEST

MATCH LINE — SEE SHEET 2 OF 3

ENGINEERING
RESOURCE ASSOCIATES

35701 WEST AVENUE, SUITE 150
NAPERVILLE, ILLINOIS 60563
PHONE (630) 393-3900
FAX (630) 393-3152
www.enrconsultants.com

CITY OF NAPERVILLE

400 S. EAGLE STREET, NAPERVILLE, ILLINOIS, 60540
(630)426-6111

NAPERVILLE RIVERWALK
SOUTH EXTENSION

725 S WASHINGTON STREET, NAPERVILLE, ILLINOIS, 60540
PROJECT #: W22214.00

DATE	: PROJECT # : W22214.00
DESIGNED BY	: SPN
DRAWN BY	:
CHECKED BY	: JFM

DESCRIPTION:
Erosion Control

C-7.2
SHEET

PROFESSIONAL DESIGN FIRM NUMBER: 184.001186

STORMWATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM SEWER WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ARCHITECT/ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITION.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ARCHITECT/ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ARCHITECT/ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ARCHITECT/ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS. SECTION 280. TEMPORARY EROSION CONTROL, OF THE STANDARD SPECIFICATIONS ADDITIONALLY SUPPLEMENTS THIS PLAN.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY

- THIS PROJECT CONSISTS OF THE CONSTRUCTION OF AN EXTENSION OF NAPERVILLE RIVERWALK. CONSTRUCTION WILL INCLUDE NEW WALKING PATHS, VIEWING AREA, NEW LIGHTING AND A NEW STORAGE SHED.
- THE PROPERTY IS LOCATED ON THE WEST SIDE OF DUPAGE RIVER AND EAST SIDE WASHINGTON ST, STRETCHING FROM THE NORTH SIDE OF HILLSIDE RD TO THE INTERSECTION OF MARTIN AVE AND WASHINGTON ST.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTION OF THE CONSTRUCTION SITE:

- EROSION CONTROL SILT FENCING SHALL BE IN PLACE PRIOR TO EARTHWORK ACTIVITIES.
- TREES AND VEGETATION SHALL BE REMOVED ACCORDING TO PLANS.
- UNDERGROUND UTILITY NETWORK DIRECTING FLOW TO DETENTION FACILITY SHALL BE INSTALLED.
- ANY OTHER UTILITIES ON SITE SHALL BE INSTALLED.
- SITE SHALL BE FINE-GRADED, WITH ALL PROPOSED PAVING AREAS GRADED TO ROUGHLY 1-FOOT BELOW FINAL ELEVATION ON PLANS.
- BRIDGE/CULVERT STRUCTURE SHALL BE INSTALLED.
- VIEWING AREA STRUCTURE SHALL BE INSTALLED.
- STORAGE SHED SHALL BE INSTALLED.
- RIVERWALK PATHS SHALL BE INSTALLED.
- ARCHITECTURAL ITEMS AND LIGHTING SHALL BE INSTALLED.
- DISTURBED AREAS SHALL BE TOP SOILED & SEEDED.

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 2.30 ACRES BY WHICH 2.0 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES.

OTHER REPORTS, STUDIES AND PLANS, WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

- INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL BORINGS THAT WERE UTILITIES FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
- PROJECT PLAN DOCUMENTS, SPECIFICATIONS AND SPECIAL PROVISIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

THE SITE SHALL DRAIN INTO THE PROPOSED STORMWATER DETENTION PONDS BY MEANS OF AN EXISTING STORM SEWER SYSTEM.

CONTROLS, EROSION CONTROLS AND SEDIMENT CONTROL:

- THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF NATURE VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ARCHITECT/ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
 - AREAS OF EXISTING VEGETATION, WOOD AND GRASSLANDS, OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
 - DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ARCHITECT/ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.
 - AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ARCHITECT/ENGINEER.
 - BARE AND SPARSLEY VEGETATED GROUND IN HIGH ERODIBLE AREAS AS DETERMINED BY THE ARCHITECT/ENGINEER SHALL BE TEMPORARILY SEED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN (7) DAYS.
 - IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODIBLE AS DETERMINED BY THE ARCHITECT/ENGINEER, SHALL BE TEMPORARILY SEED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN (7) DAYS.
- ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVER SEEDING CAN BE COMPLETED.
- THE SOIL AND WATER CONSERVATION DISTRICT IS RESPONSIBLE FOR CONDUCTING SITE VISITS AND VERIFYING THAT THE PRACTICES ARE WORKING PROPERLY AND DETERMINE IF ADDITIONAL PRACTICES ARE NEEDED FOR BETTER SOIL EROSION AND SEDIMENT CONTROL. IF ADDITIONAL PRACTICES ARE DEEMED NECESSARY BY THE SWCD THE CONTRACTOR WILL IMPLEMENT THE PRACTICE IN A TIMELY MANNER.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10 ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

ENGINEER: JOHN F. MAYER, PE _____ DATE _____

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

- DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING, PARKING OF VEHICLES OF CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS OR OTHER CONSTRUCTION RELATED ACTIVITIES.
 - WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ARCHITECT/ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
 - AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ARCHITECT/ENGINEER
 - PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
 - TEMPORARILY SEED ERODIBLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
 - PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
 - CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE, AT THE SAME TIME, PLACING PERMANENT EROSION CONTROL FINAL SHAPING TO THE SLOPES.
 - EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR SEVEN (7) DAYS.
 - CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
 - THE RESIDENT ARCHITECT/ENGINEER SHALL INSPECT THE PROJECT WEEKLY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2-INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BIWEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
 - SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ARCHITECT/ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION FOR EROSION CONTROL.
 - THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED, AS DIRECTED BY THE ARCHITECT/ENGINEER, AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

- TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SODDED AND ESTABLISHED.
- ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED.

MISCELLANEOUS:

- TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRES, IF DIRECTED.
- SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS, AS DIRECTED BY THE ARCHITECT/ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION.
- ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PROJECT. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ARCHITECT/ENGINEER IN CONSTRUCTION INSPECTION.

SOIL EROSION CONTROL:

- SOIL EROSION CONTROL MUST CONFORM TO THE CITY ORDINANCE.

A. SPECIFICATIONS:

- A CONSTRUCTION ENTRANCE TO THE SITE SHALL BE INSTALLED AND STABILIZED PRIOR TO ANY WORK ON THE SITE. THE CONSTRUCTION ENTRANCE SHALL CONSIST OF 12" OF CRUSHED CONCRETE, 50 FEET IN LENGTH AND 24 FEET WIDE, AS SHOWN ON PLANS.
 - ALL STOCK PILES ON THE SITE WHICH WILL NOT BE REDISTRIBUTED FOR A WEEK OR LONGER WILL BE SEED WITHIN SEVEN DAYS OF THE FORMATION OF THE STOCKPILE.
 - SEEDING IN DISTRIBUTED AREAS OUTSIDE OF THE RIGHT-OF-WAYS WILL BE DONE WITH PERENNIAL RYE GRASS, 1/2 LB. PER 1,000 SF, IF IT IS LATER IN THE FALL AND A MORE RAPID GERMINATION IS REQUIRED, 1 LB OF OATS PER 1,000 S.F. CAN BE ADDED TO THE RYE GRASS.
 - THE SEEDING AND MULCH WILL BE MAINTAINED AND REPAIRED WHEN NECESSARY UNTIL THE PROJECT IS COMPLETED.
 - AGGREGATE BASE SHALL BE INSTALLED AS SOON AS POSSIBLE IN THE CONSTRUCTION SEQUENCE FOR ROADS TO PROVIDE REQUIRED STABILIZATION.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL STRUCTURES.
 - CONTRACTOR SHALL INSPECT EROSION CONTROL STRUCTURES WEEKLY OR AFTER ANY MAJOR STORMS OR AS DIRECTED BY THE CITY.
 - ALL DESIGN AND CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AS CONTAINED IN THE IEPA/WPC/87-012 OR CURRENT EDITION AND THE ILLINOIS PROCEDURE AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL.
 - DUST CONTROL AND CLEANING OF ROADWAYS AS REQUESTED BY THE CITY SHALL BE THE RESPONSIBILITY OF THE DEVELOPER.
- B. INSTALLATION
- INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 - NOTIFY PUBLIC WORKS DEPARTMENT AND THE CITY ENGINEERING DEPARTMENT 24 HOURS PRIOR TO INITIATING CONSTRUCTION.

CONTRACTOR'S CERTIFICATION

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR 10) THAT AUTHORIZES THE STORMWATER DISCHARGES ASSOCIATED WITH ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

GENERAL CONTRACTOR

SIGNATURE _____ TITLE _____ DATE _____
COMPANY _____

USING AGENCY'S CERTIFICATION

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

USING AGENCY

SIGNATURE _____ TITLE _____ DATE _____
COMPANY _____

DRAINAGE STATEMENT

WE HEREBY STATE THAT TO THE BEST OF OUR KNOWLEDGE AND BELIEF THE DRAINAGE OF SURFACE WATERS OF THIS PLAT WILL NOT BE CHANGED BY THE CONSTRUCTION OF THE IMPROVEMENTS OF THIS SUBDIVISION OR ANY PART THEREOF OR THAT IF SUCH SURFACE WATER DRAINAGE WILL BE CHANGED, REASONABLE PROVISIONS HAVE BEEN MADE FOR COLLECTION AND DIVERSION OF SUCH SURFACE WATERS INTO PUBLIC AREAS, OR DRAINS WHICH THE SUBDIVIDER HAS A RIGHT TO USE, AND THAT SUCH SURFACE WATERS WILL BE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DAMAGE TO THE ADJOINING PROPERTY BECAUSE OF THE CONSTRUCTION OF THE SUBDIVISION.

DATE: _____
NAME OF ENGINEER _____
ILLINOIS REGISTERED PROF.ENG.NO. _____

OWNER AND DEVELOPER:
NAME OF DEVELOPER/OWNER _____
TITLE: _____
CORPORATION: _____

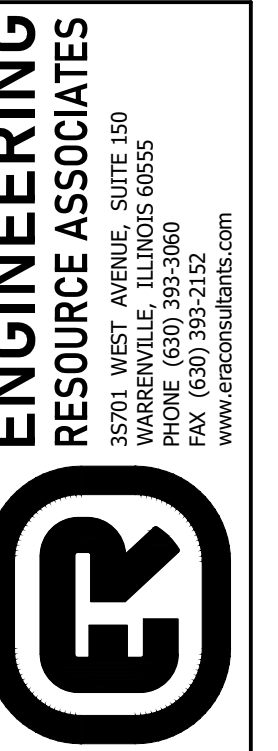
SOIL PROTECTION CHART

STABILIZATION TYPE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PERMANENT SEEDING			A			*	*					
DORMANT SEEDING	B										B	
TEMPORARY SEEDING			C			*	D*					
SODDING			E**									
MULCHING	F											

- A. KENTUCKY BLUEGRASS 90 LBS/AC
MIXED WITH PERENNIAL RYEGRASS 30 LBS/AC
- B. KENTUCKY BLUEGRASS 135 LBS/AC
MIXED WITH PERENNIAL RYE GRASS 45 LBS/AC + 2 TONS STRAW MULCH/AC
- C. SPRING OATS 100 LBS/AC
- D. WHEAT OR CEREAL RYE 150 LBS/AC
- E. SOD
- F. STRAW MULCH 2 TONS/AC

* IRRIGATION NEEDED DURING JUNE AND JULY

** IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD



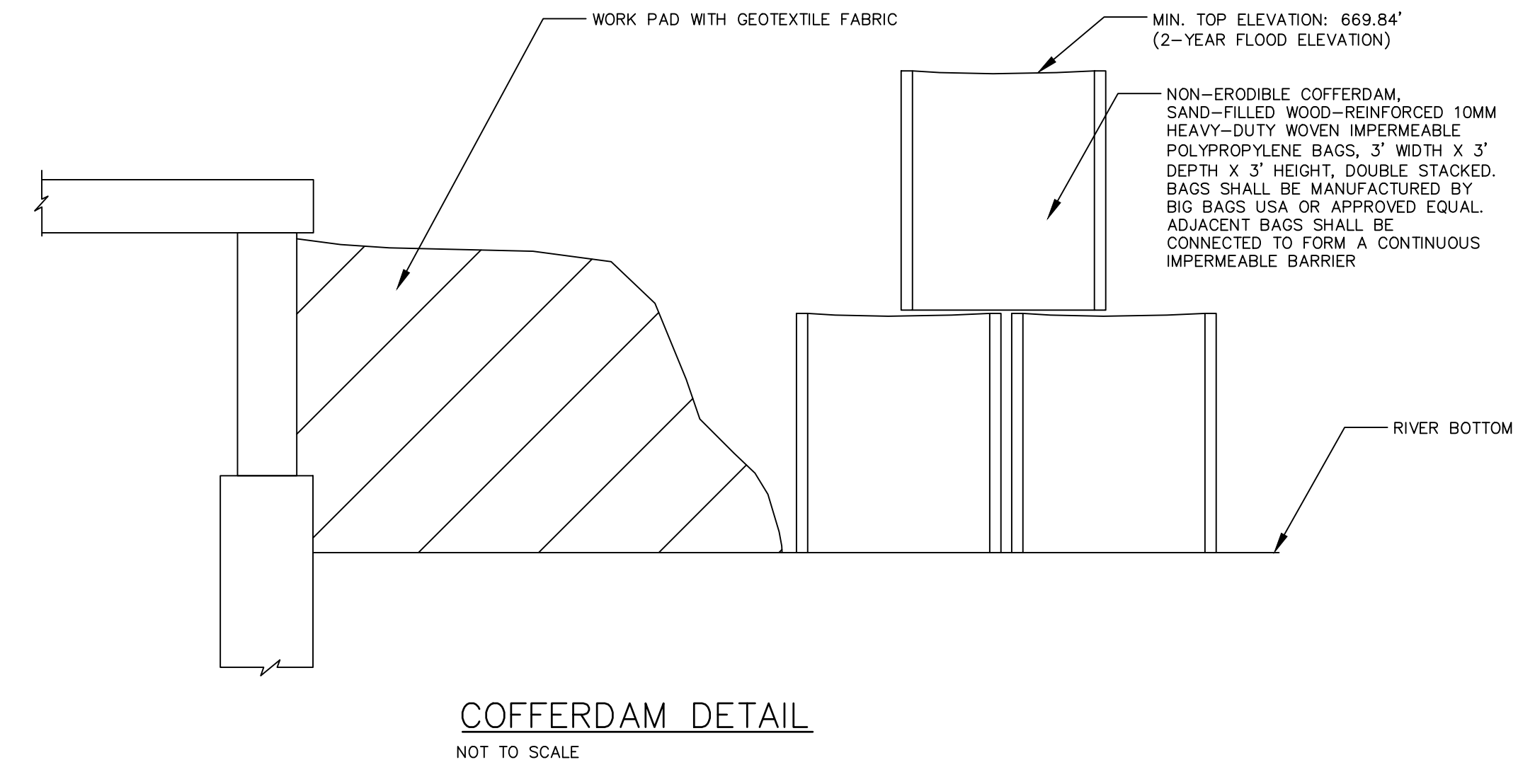
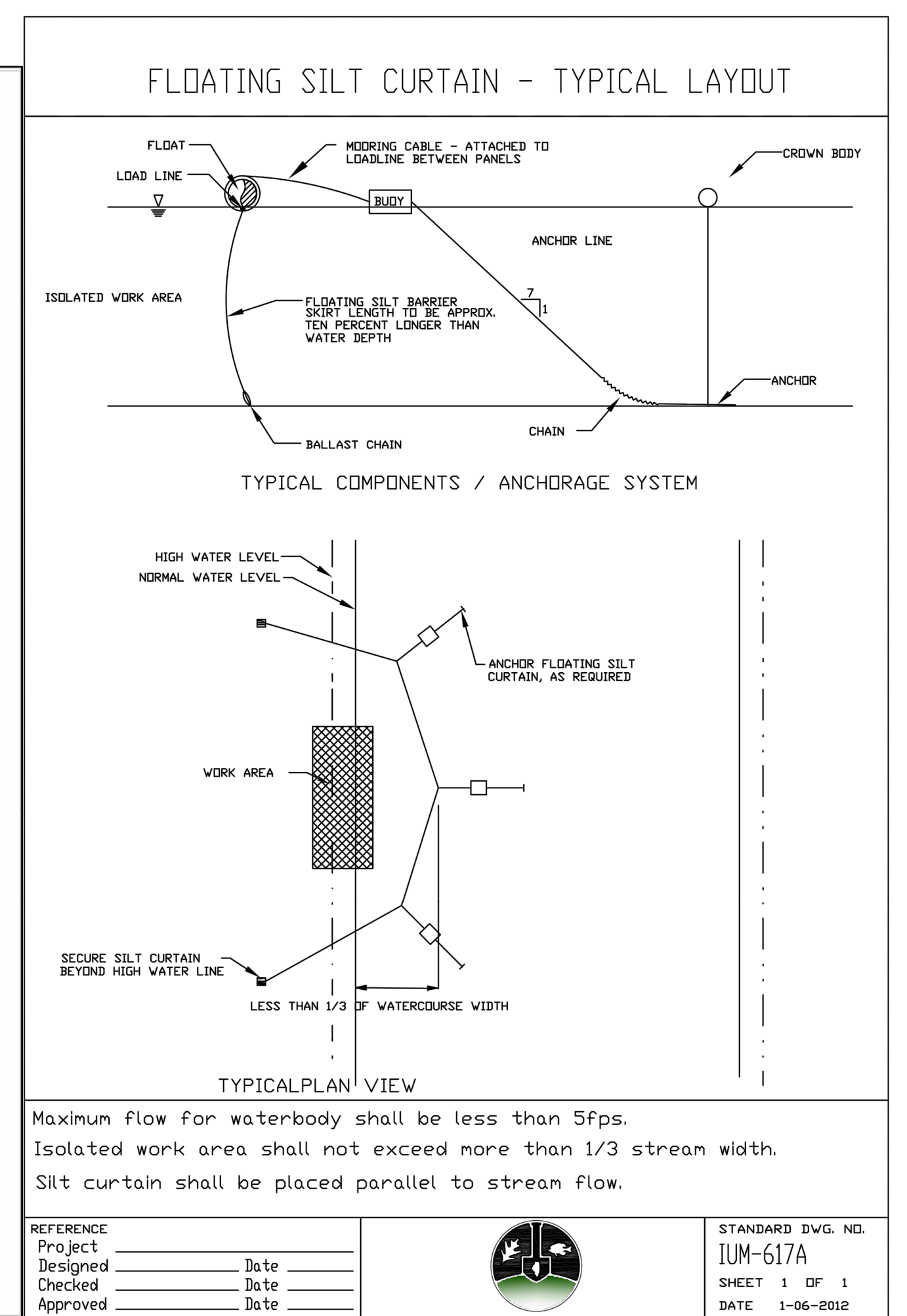
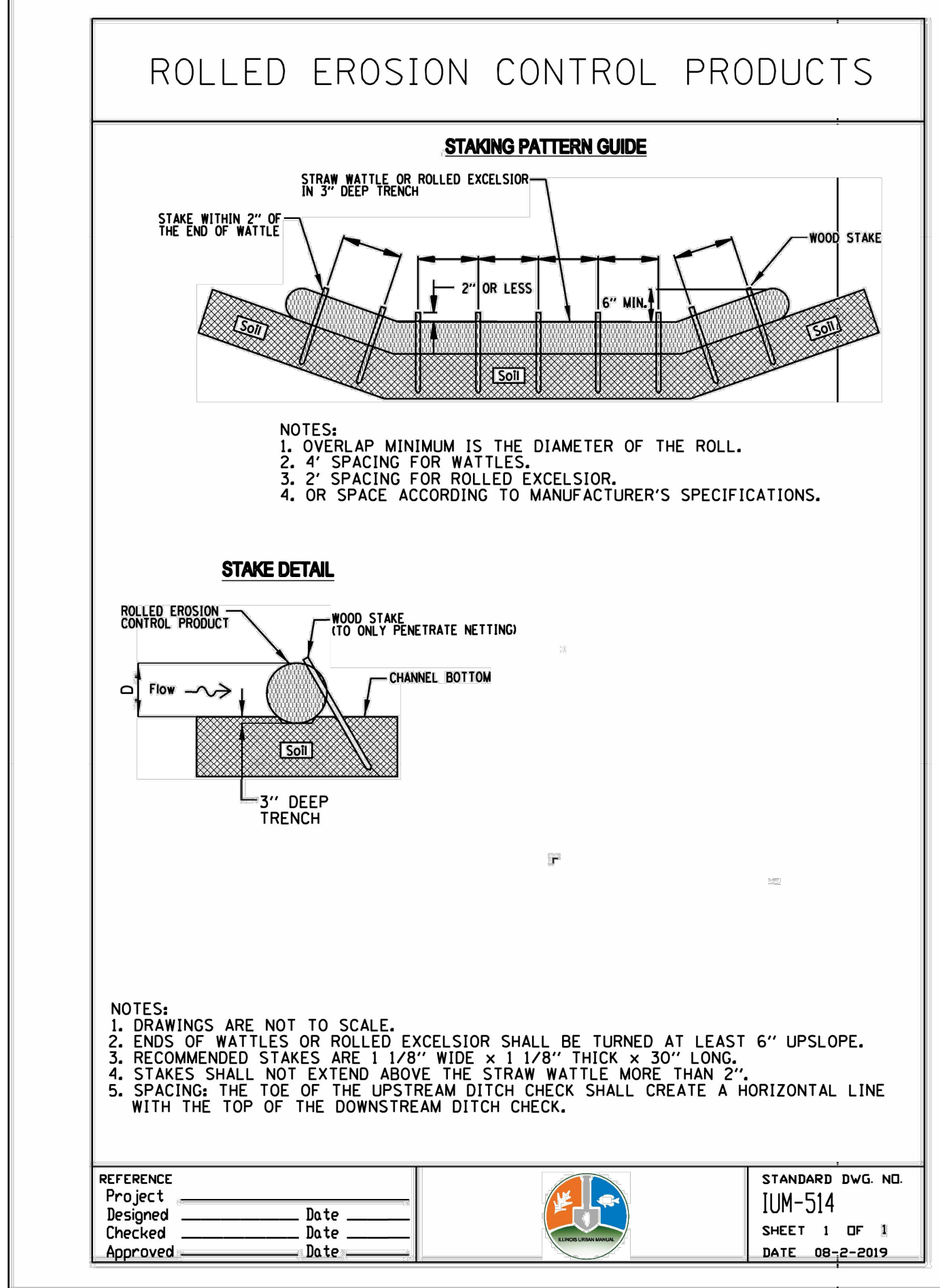
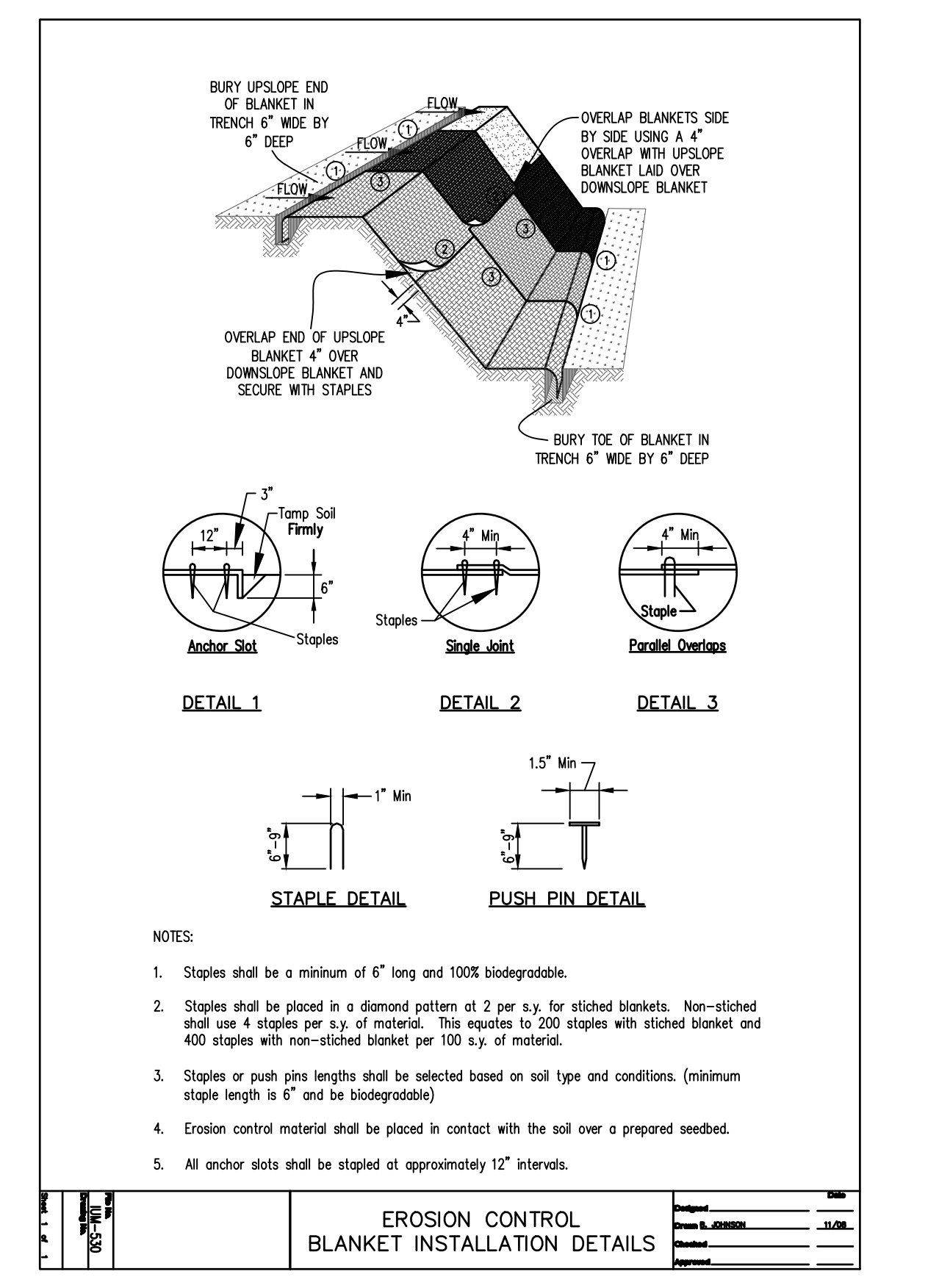
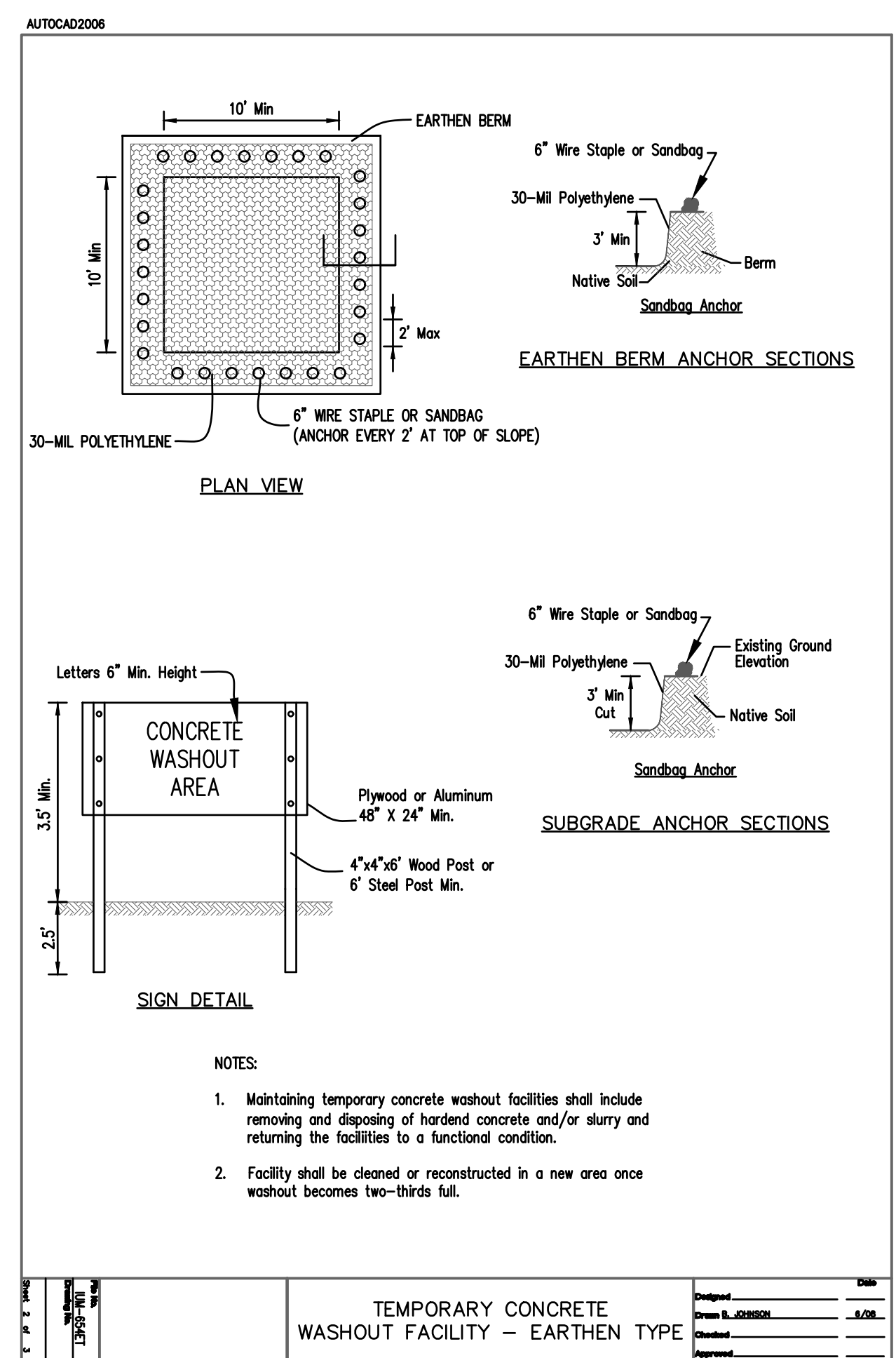
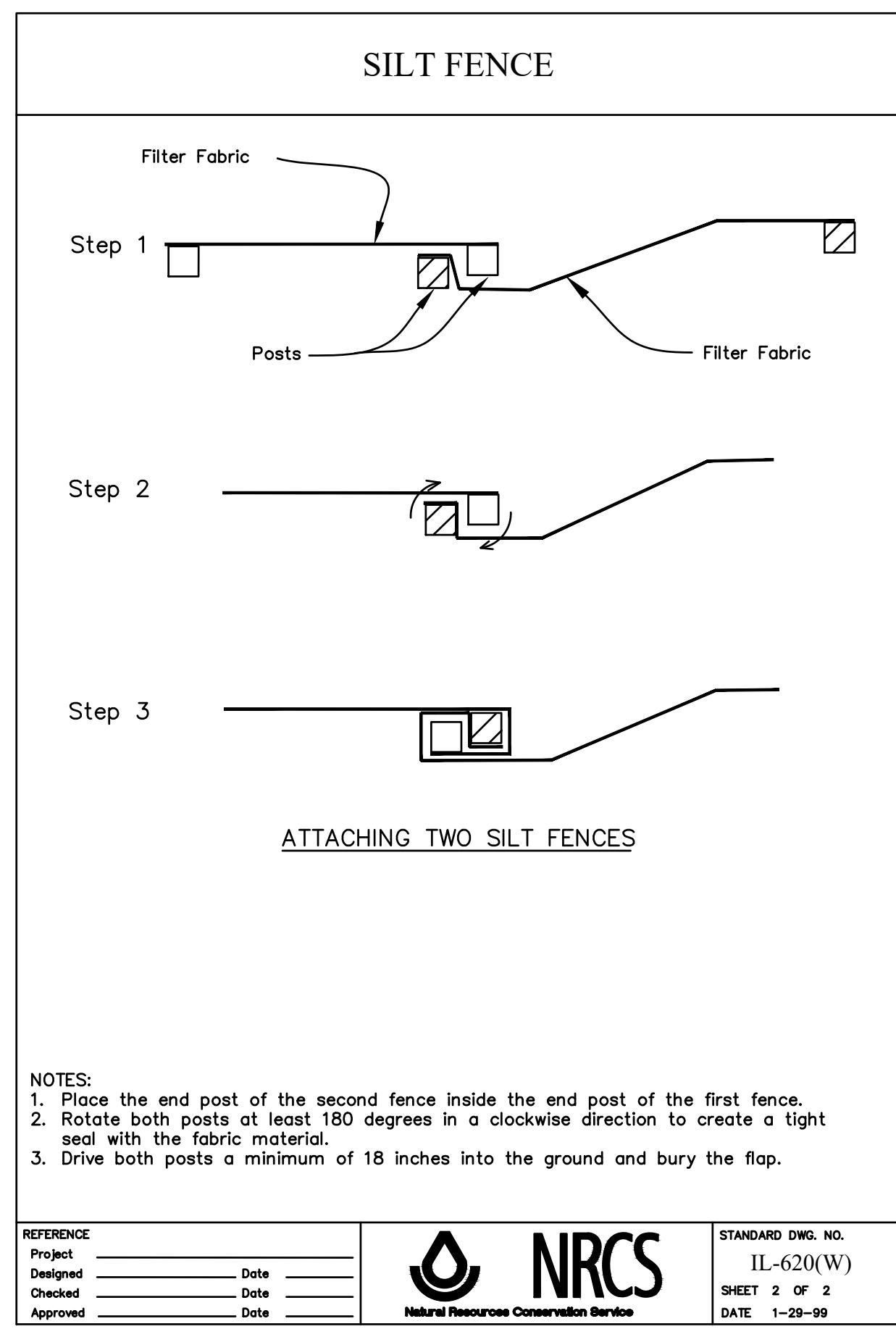
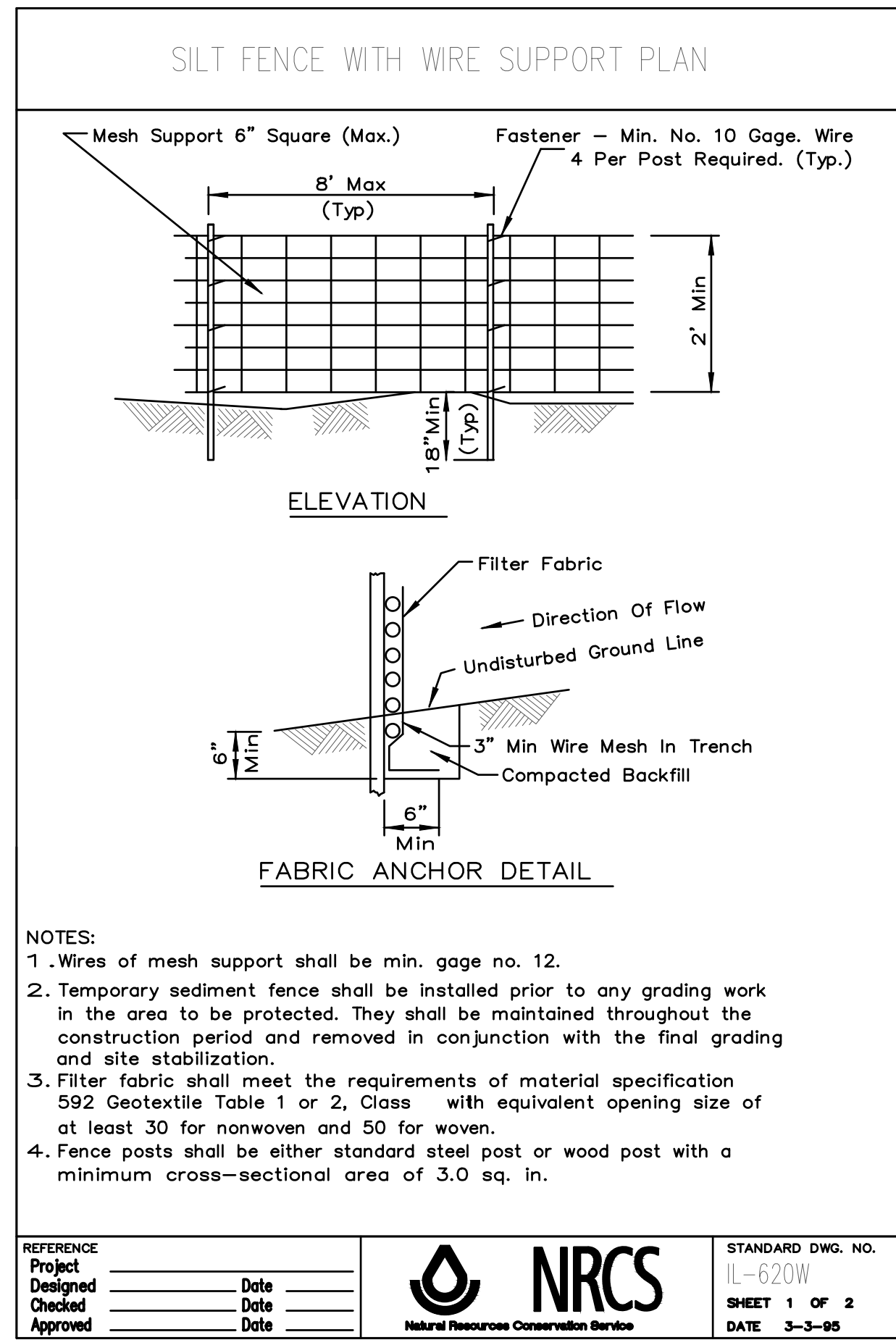
CITY OF NAPERVILLE
400 S. EAGLE STREET, NAPERVILLE, ILLINOIS, 60540
(630)426-6111

NAPERVILLE RIVERWALK
SOUTH EXTENSION
725 S WASHINGTON STREET, NAPERVILLE, ILLINOIS 60540
PROJECT #: W22214.00

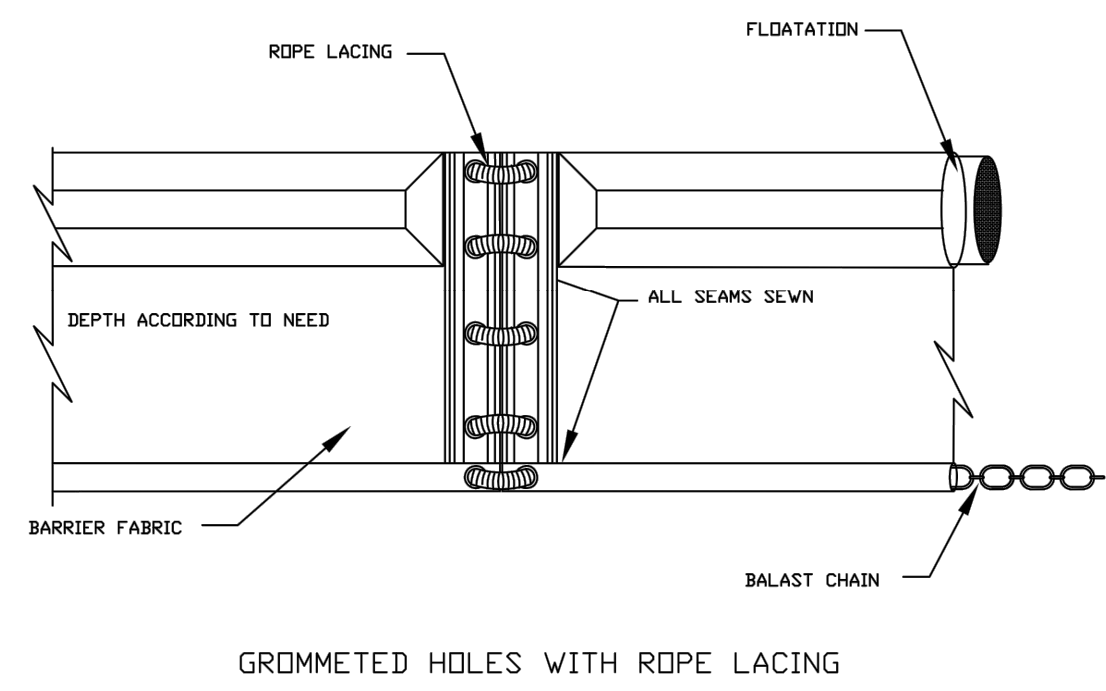
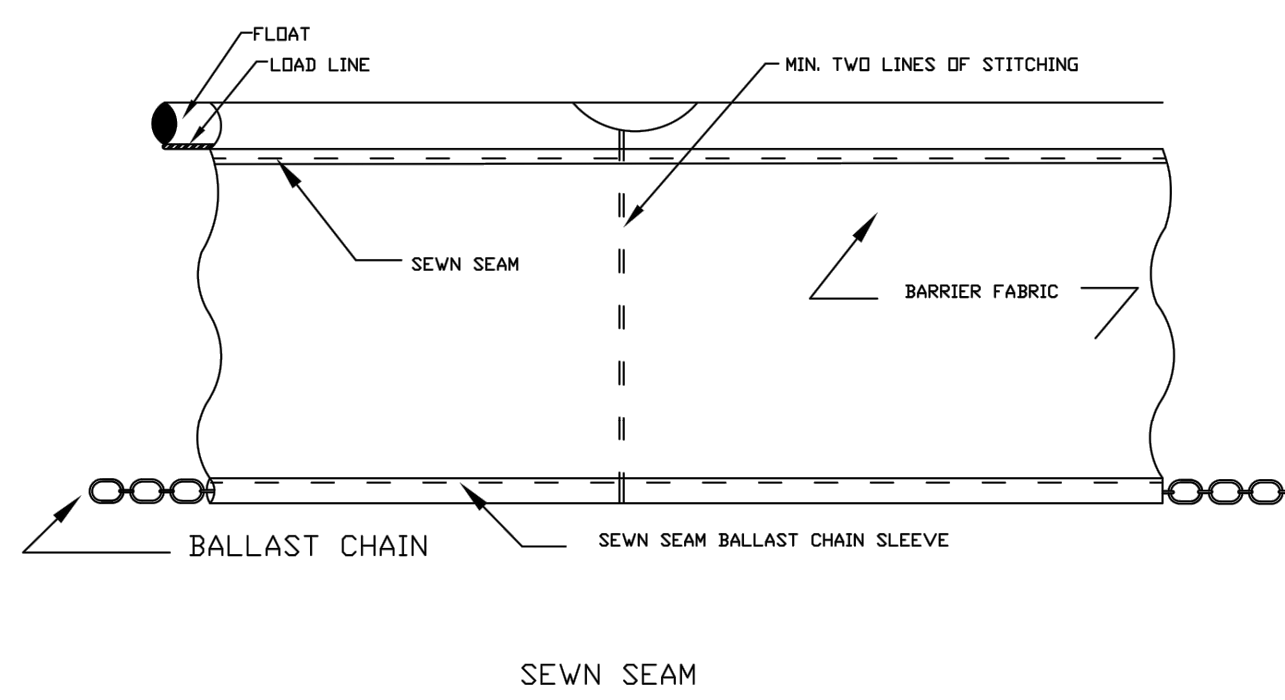
DATE	:	
PROJECT #	:	W22214.00
DESIGNED BY	:	SPN
DRAWN BY	:	
CHECKED BY	:	JFM
DESCRIPTION:	:	Erosion Control.dwg

SWPPP NOTES

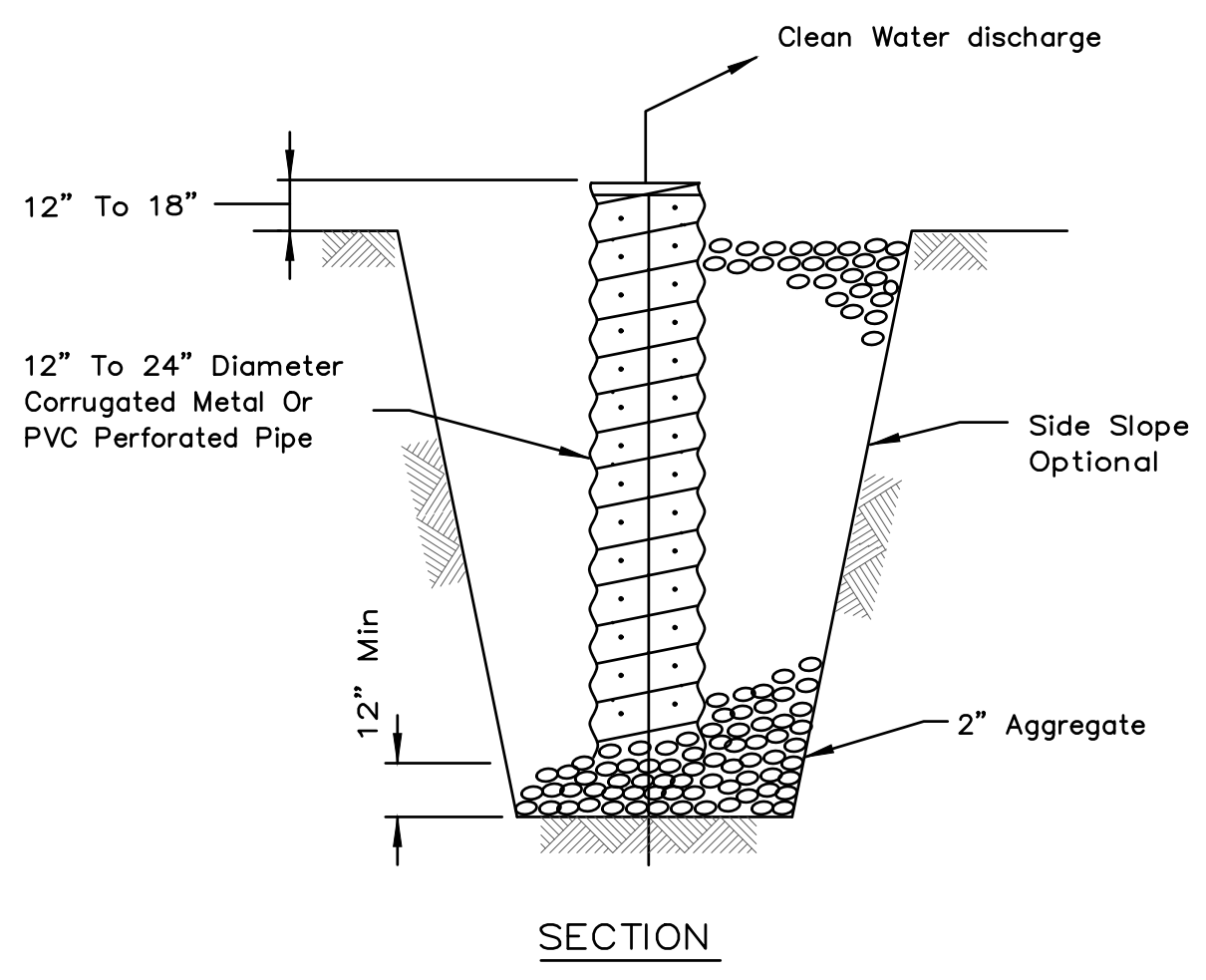
C-7.3
SHEET



FLOATING SILT CURTAIN - PANEL CONNECTORS



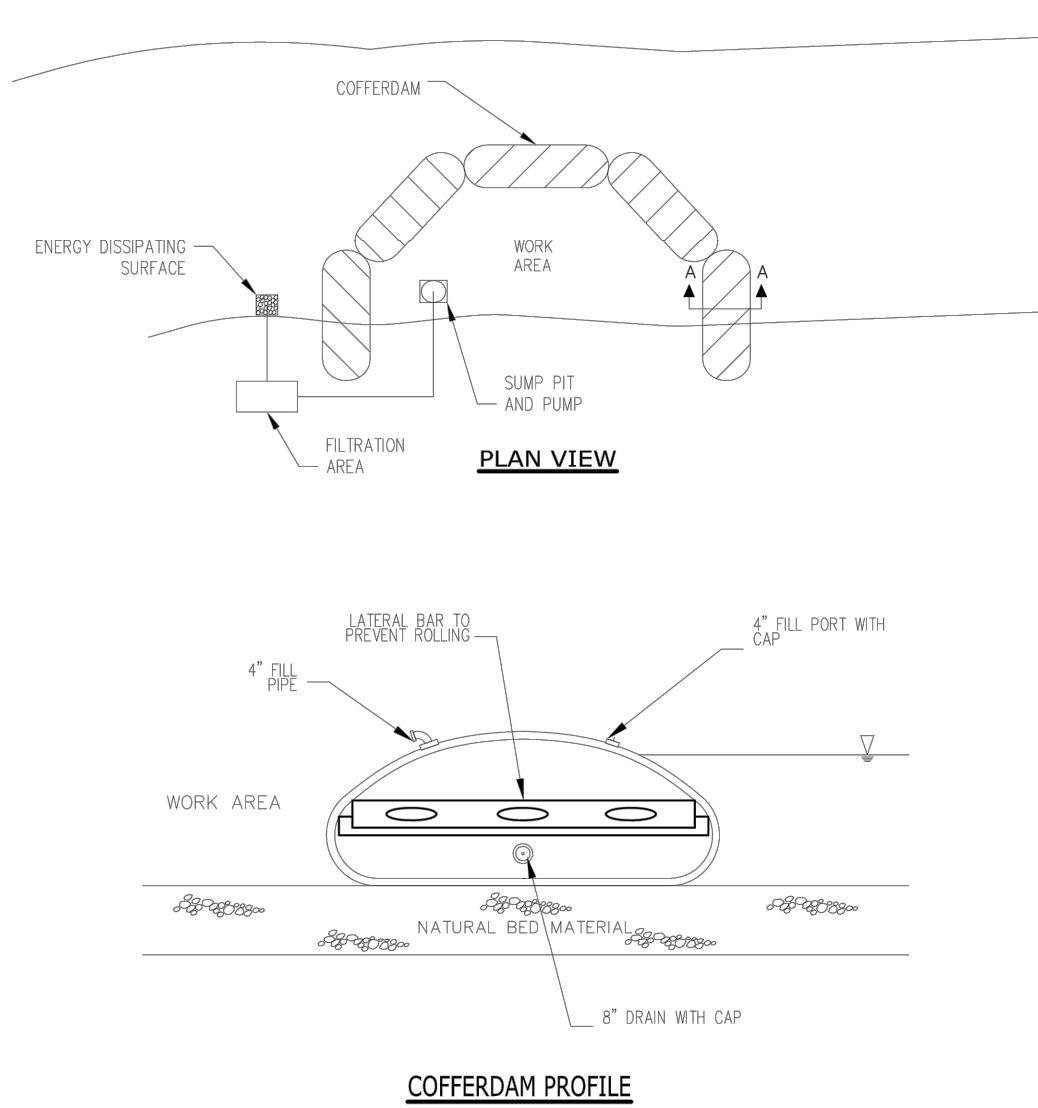
REFERENCE	STANDARD DWG. NO.
Project _____	IUM-617B
Designed _____ Date _____	SHEET 1 OF 1
Checked _____ Date _____	DATE 1-6-2012
Approved _____ Date _____	



- NOTES:
1. Pit dimensions are optional.
 2. The standpipe will be constructed by perforating a 12"-24" diameter corrugated metal or PVC pipe.
 3. A base of 2" aggregate will be placed in the pit to a minimum depth of 12". After installing the standpipe, the pit surrounding the standpipe will then be backfilled with 2" aggregate.
 4. The standpipe will extend 12" to 18" above the lip of the pit.
 5. If discharge will be pumped directly to a storm drainage system, the standpipe will be wrapped with filter fabric before installation.
 6. If desired, 1/4"-1/2" hardware cloth may be placed around the standpipe prior to attaching the filter fabric. This will increase the rate of water seepage into the pipe.

REFERENCE	STANDARD DWG. NO.
Project _____	IL-650
Designed _____ Date _____	SHEET 1 OF 1
Checked _____ Date _____	DATE 8-11-04
Approved _____ Date _____	

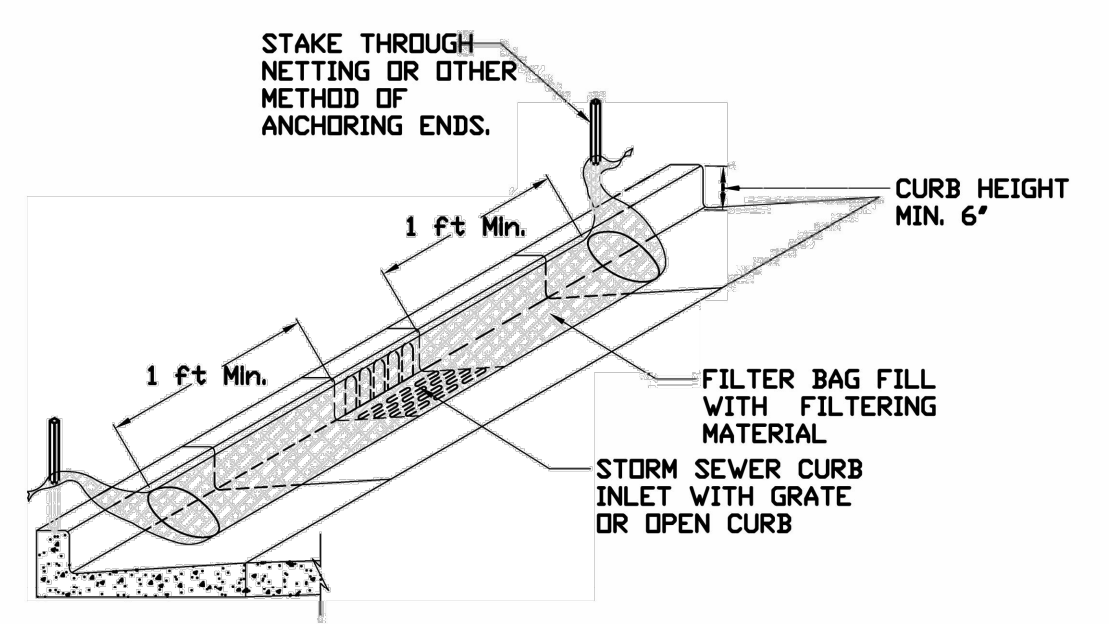
BLADDER PARTIAL COFFERDAM



- NOTES:
1. ALL DISCHARGES SHOULD BE ON ENERGY DISSIPATING SURFACES.
 2. LOCATIONS FOR THE SUMP PIT, FILTRATION AREA, AND ENERGY DISSIPATING SURFACES MAY VARY DEPENDING ON SITE CONDITIONS.

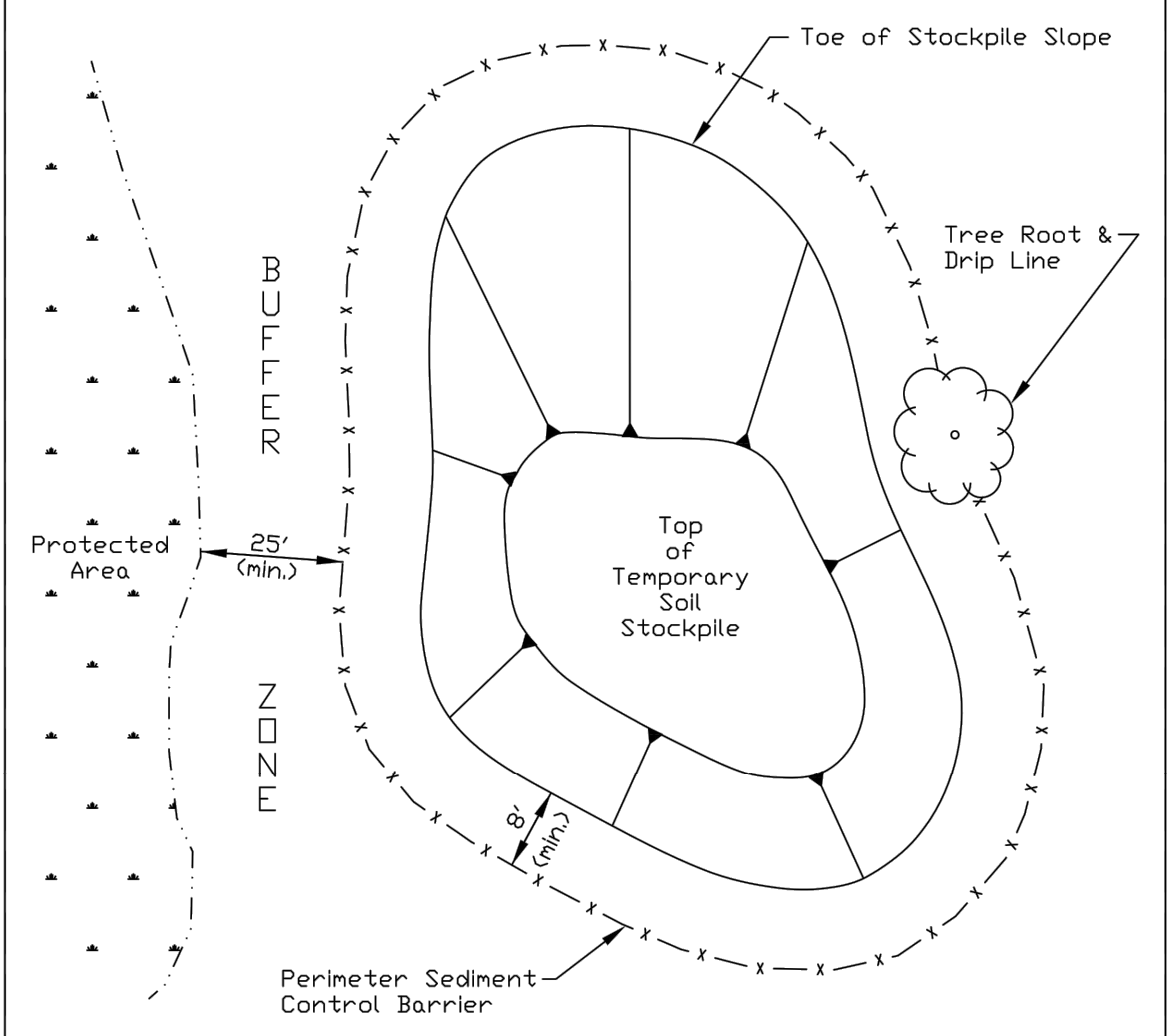
REFERENCE	STANDARD DWG. NO.
Project _____	IUM-503BP
Designed _____ Date _____	SHEET 4 OF 7
Checked _____ Date _____	DATE 7-09-2012
Approved _____ Date _____	

INLET PROTECTION - IMPERVIOUS AREAS CURB PROTECTION



REFERENCE	STANDARD DWG. NO.
Project _____	IUM-561C
Designed _____ Date _____	SHEET 1 OF 1
Checked _____ Date _____	DATE 01-11-11
Approved _____ Date _____	

TEMPORARY SOIL STOCKPILE DETAIL



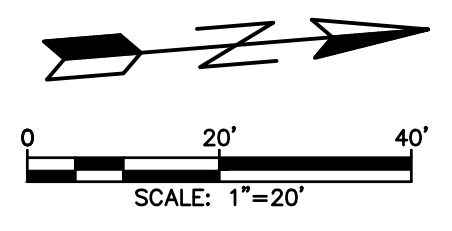
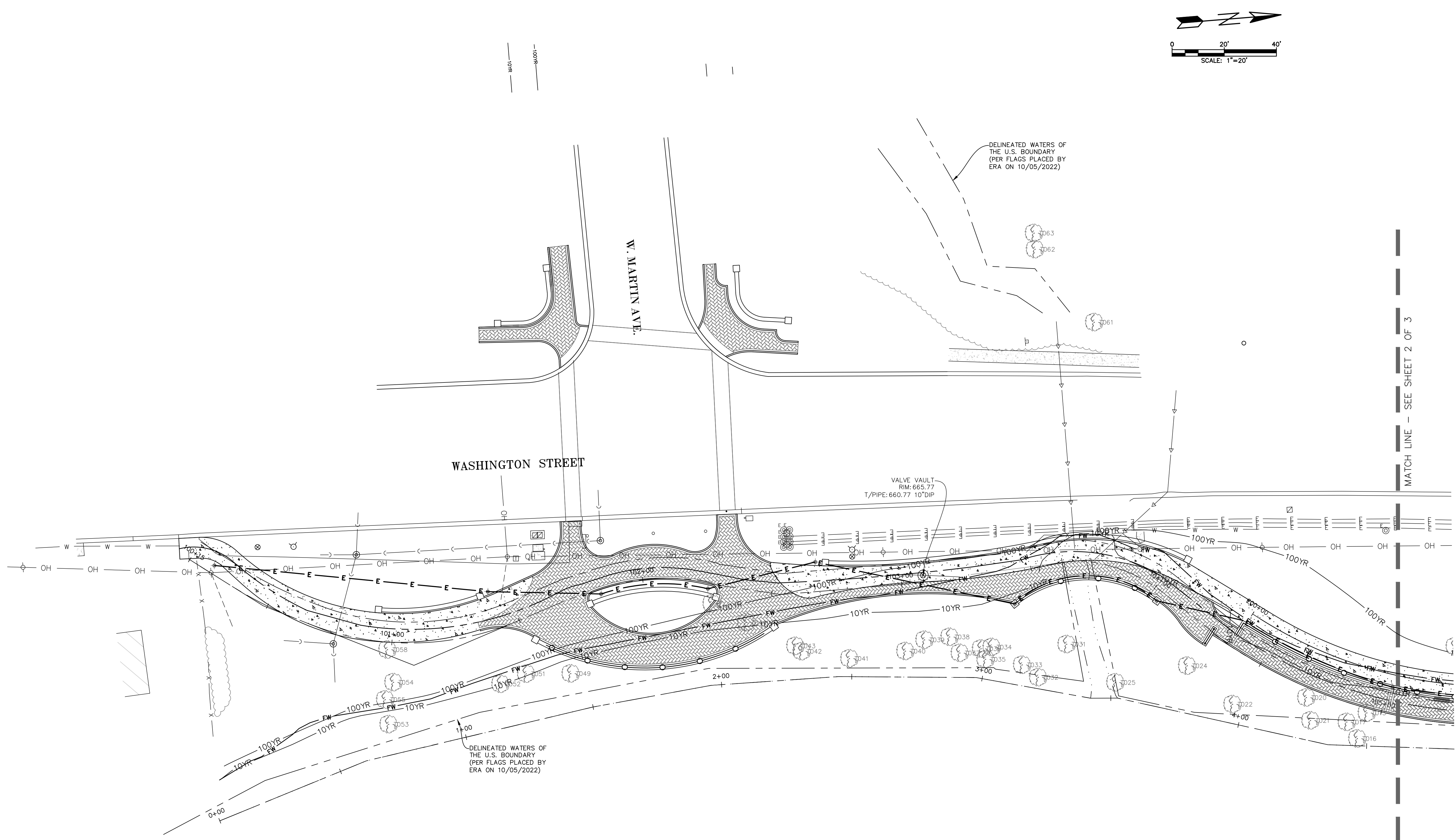
- NOTES:
1. Stockpile slopes should be based on angle of repose of the soil material to avoid potential sloughing of the slope.
 2. Soil stockpile to be stabilized in accordance with practical standards.
 3. Do not locate stockpile within overland drainage flow path, designated floodways, drip line or over the root crown of adjacent trees.
 4. Provisions for sediment control practices may be required along haul roads and entrance/exit locations for access the soil stockpile that can create flow path for stormwater runoff.
 5. Installation of benches, terraces, or slope interrupters should be considered.
 6. Avoid building soil stockpiles on impervious surfaces.
 7. Linear sediment trap surrounding the stockpile base may be used to control sediment.

REFERENCE	STANDARD DWG. NO.
Project _____	IUM-627
Designed _____ Date _____	SHEET 1 OF 1
Checked _____ Date _____	DATE JANUARY 2017
Approved _____ Date _____	

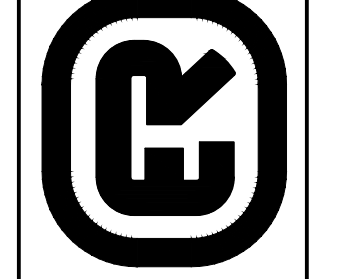


DATE	PROJECT #	DESIGNED BY	DRAWN BY	CHECKED BY	DESCRIPTION:
	W22214.00	SPN		JFM	Erosion Control.dwg

DATE	PROJECT #	DESIGNED BY	DRAWN BY	CHECKED BY	DESCRIPTION:
	W22214.00	SPN		JFM	Erosion Control.dwg



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 (630)426-6111

NAPERVILLE RIVERWALK SOUTH EXTENSION
 725 S WASHINGTON STREET, NAPERVILLE, ILLINOIS, 60540
 PROJECT#: W22214.00

DATE	:	
PROJECT #	:	W22214.00
DESIGNED BY	:	SPN
DRAWN BY	:	
CHECKED BY	:	JJM
DESCRIPTION:		

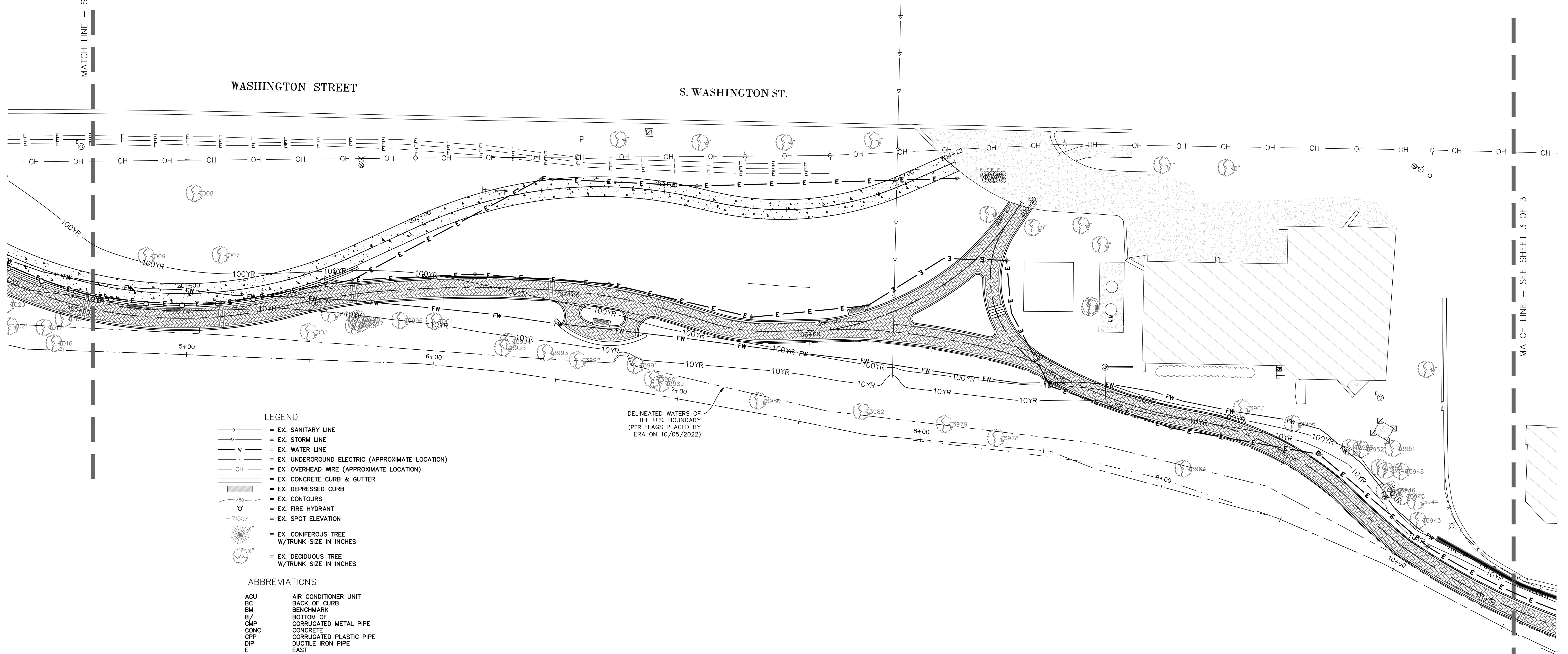
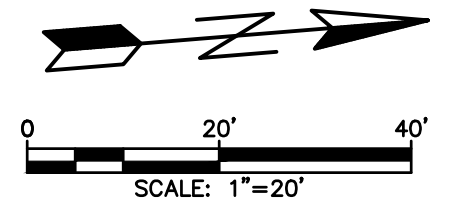
ELECTRICAL

C-6.0
 SHEET

MATCH LINE - SEE SHEET 1 OF 3

WASHINGTON STREET

S. WASHINGTON ST.



MATCH LINE - SEE SHEET 3 OF 3

LEGEND

- - - = EX. SANITARY LINE
- - - = EX. STORM LINE
- - - = EX. WATER LINE
- - - = EX. UNDERGROUND ELECTRIC (APPROXIMATE LOCATION)
- - - = EX. OVERHEAD WIRE (APPROXIMATE LOCATION)
- - - = EX. CONCRETE CURB & GUTTER
- - - = EX. DEPRESSED CURB
- - - = EX. CONTOURS
- ⊙ = EX. FIRE HYDRANT
- +7XX.X = EX. SPOT ELEVATION
- ☉ = EX. CONIFEROUS TREE
W/TRUNK SIZE IN INCHES
- ☼ = EX. DECIDUOUS TREE
W/TRUNK SIZE IN INCHES

ABBREVIATIONS

- ACU AIR CONDITIONER UNIT
- BC BACK OF CURB
- BM BENCHMARK
- B/ BOTTOM OF
- CMP CORRUGATED METAL PIPE
- CONC CONCRETE
- CPVC CORRUGATED PLASTIC PIPE
- DIP DUCTILE IRON PIPE
- E EAST
- ELEC ELECTRIC
- EM ELECTRIC METER
- EP EDGE OF PAVEMENT
- FF FINISHED FLOOR
- GF GARAGE FLOOR
- GM GAS METER
- HH HANDHOLE
- INV INVERT
- LP LIGHT POLE
- MH MANHOLE
- N NORTH
- PEDT TELEPHONE PEDESTAL
- PVC POLYVINYL CHLORIDE PIPE
- RCP REINFORCED CONCRETE PIPE
- S SOUTH
- TF TOP OF FOUNDATION
- TRANS TRANSFORMER
- T/ TOP OF
- TW TOP OF WALL
- UP UTILITY POLE
- VCP VITRIFIED CLAY PIPE
- W WEST

DELINEATED WATERS OF THE U.S. BOUNDARY (PER FLAGS PLACED BY ERA ON 10/05/2022)



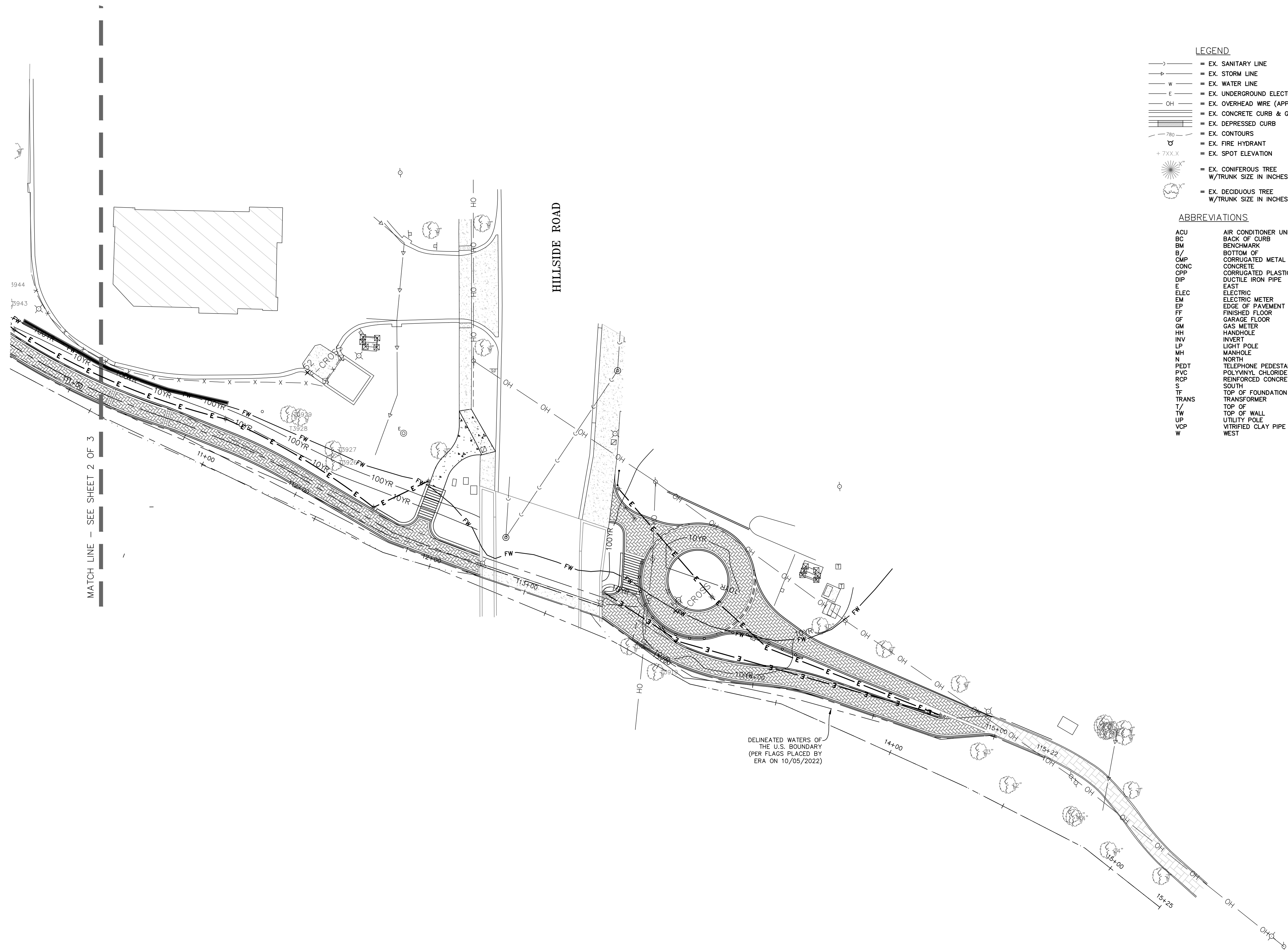
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PHONE (630) 393-3900
FAX (630) 393-2132
www.enrconsultants.com

NAPERVILLE RIVERWALK
SOUTH EXTENSION
725 S WASHINGTON STREET, NAPERVILLE, ILLINOIS 60540
PROJECT #: W22214.00

DATE	:	
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DESIGNED BY	:	SPN
DRAWN BY	:	
CHECKED BY	:	JFM
DESCRIPTION:	:	

ELECTRICAL

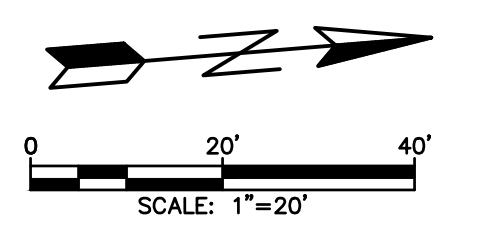
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MATCH LINE — SEE SHEET 2 OF 3

HILLSIDE ROAD

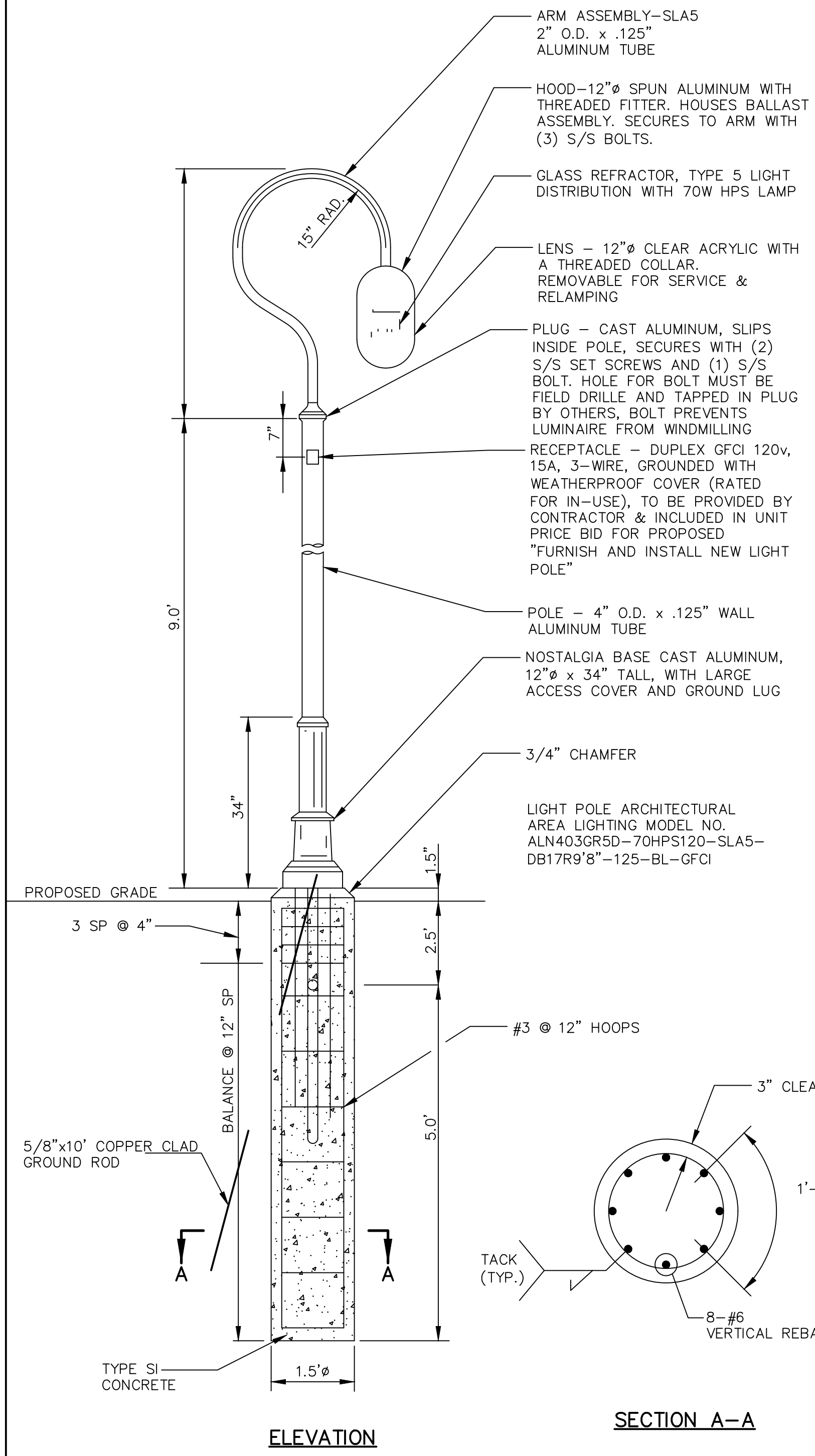
DELINEATED WATERS OF THE U.S. BOUNDARY (PER FLAGS PLACED BY ERA ON 10/05/2022)



- LEGEND**
- = EX. SANITARY LINE
 - = EX. STORM LINE
 - = EX. WATER LINE
 - = EX. UNDERGROUND ELECTRIC (APPROXIMATE LOCATION)
 - = EX. OVERHEAD WIRE (APPROXIMATE LOCATION)
 - = EX. CONCRETE CURB & GUTTER
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 - = EX. CONIFEROUS TREE W/TRUNK SIZE IN INCHES
 - = EX. DECIDUOUS TREE W/TRUNK SIZE IN INCHES

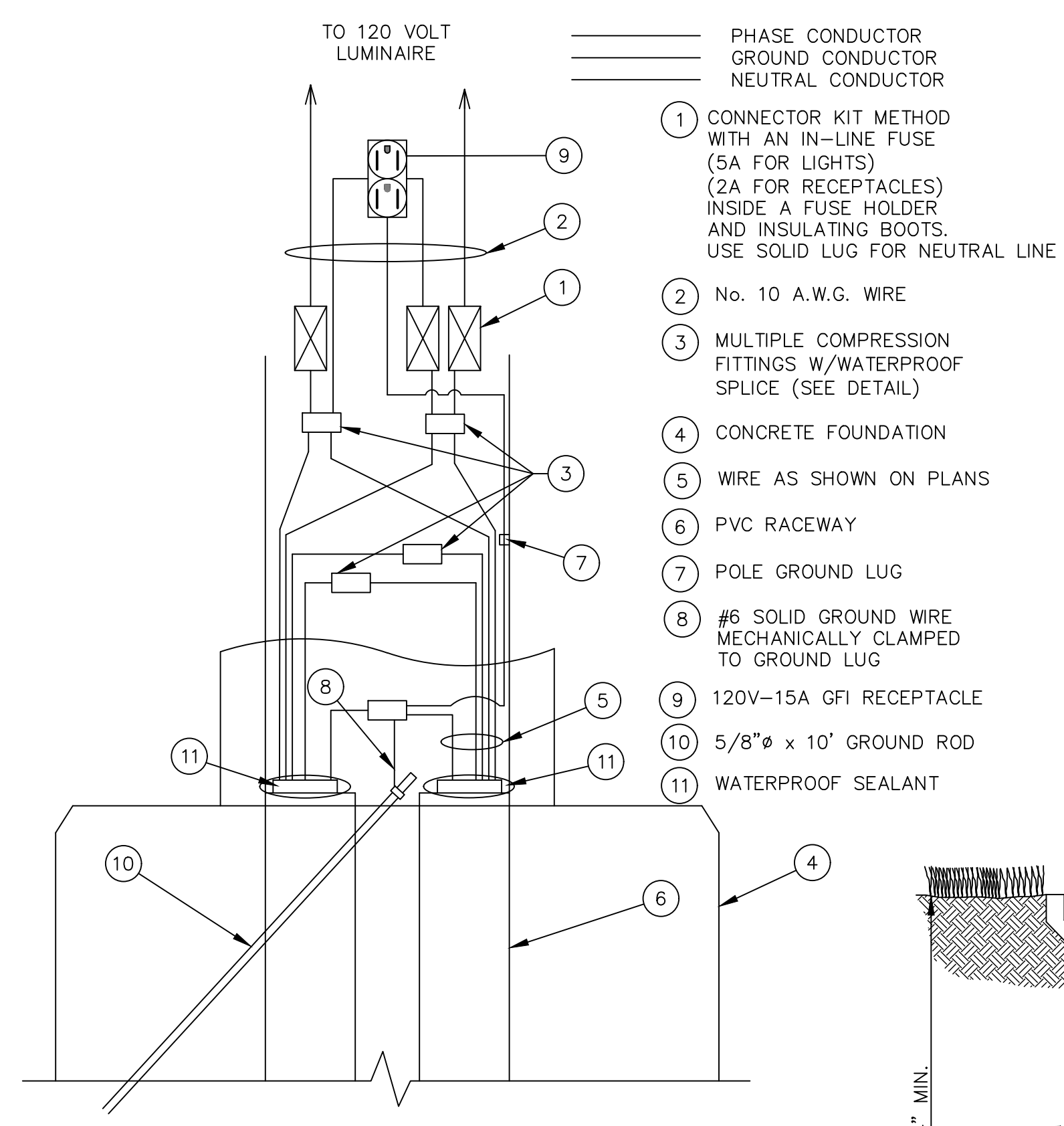
- ABBREVIATIONS**
- ACU AIR CONDITIONER UNIT
 - BC BACK OF CURB
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<p>ENGINEERING RESOURCE ASSOCIATES 35701 WEST AVENUE, SUITE 150 NAPERVILLE, ILLINOIS 60563 PHONE (630) 393-2900 FAX (630) 393-2152 www.enrconsultants.com</p>													
<p>CITY OF NAPERVILLE 400 S. EAGLE STREET, NAPERVILLE, ILLINOIS, 60540 (630)426-6111</p>													
<p>NAPERVILLE RIVERWALK SOUTH EXTENSION 725 S WASHINGTON STREET, NAPERVILLE, ILLINOIS, 60540 PROJECT #: W22214.00</p>													
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DRAWN BY : _____	CHECKED BY : JFM												
<p>ELECTRICAL</p>													
<p>C-8.2 SHEET</p>													

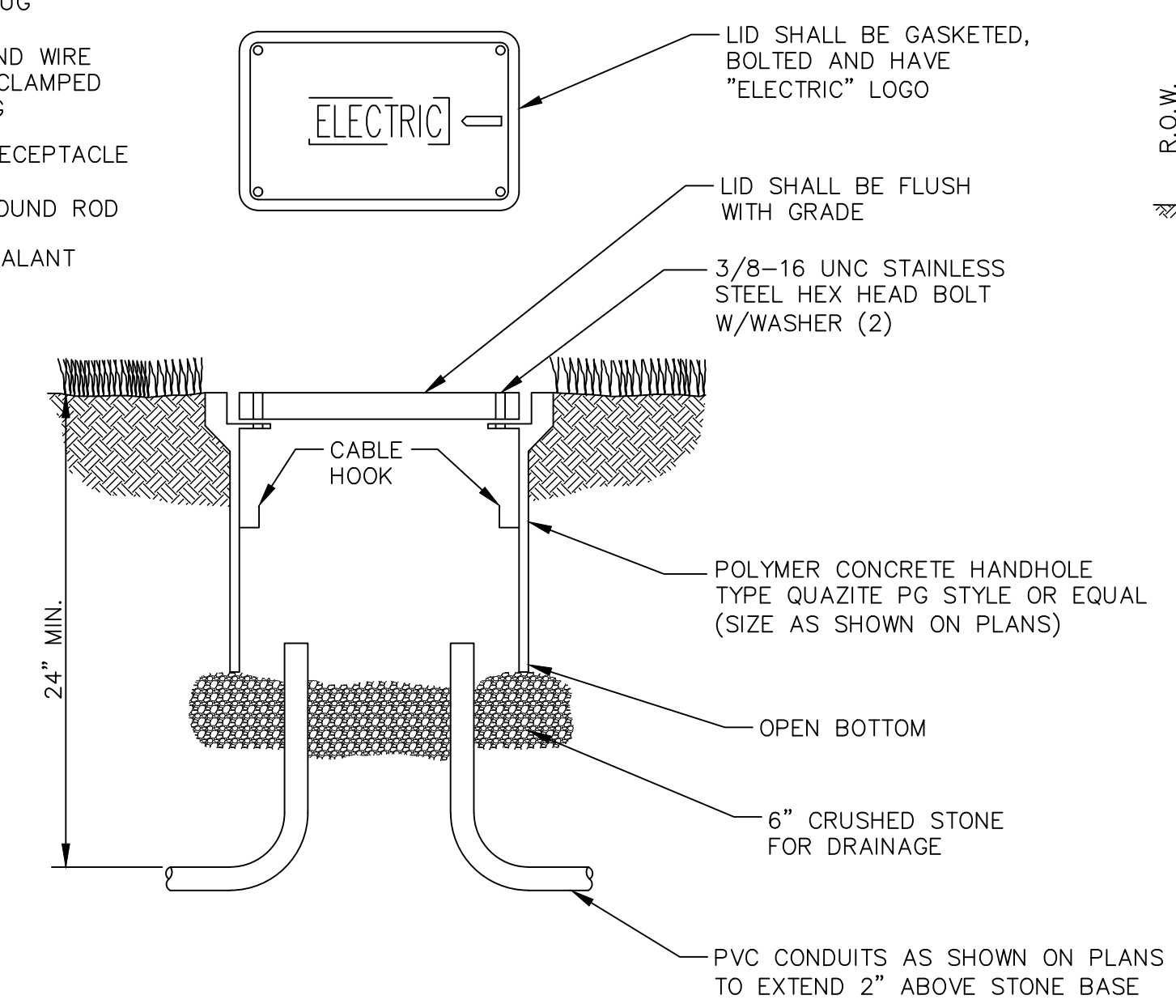


ELEVATION

PROPOSED LIGHT POLE
N.T.S.

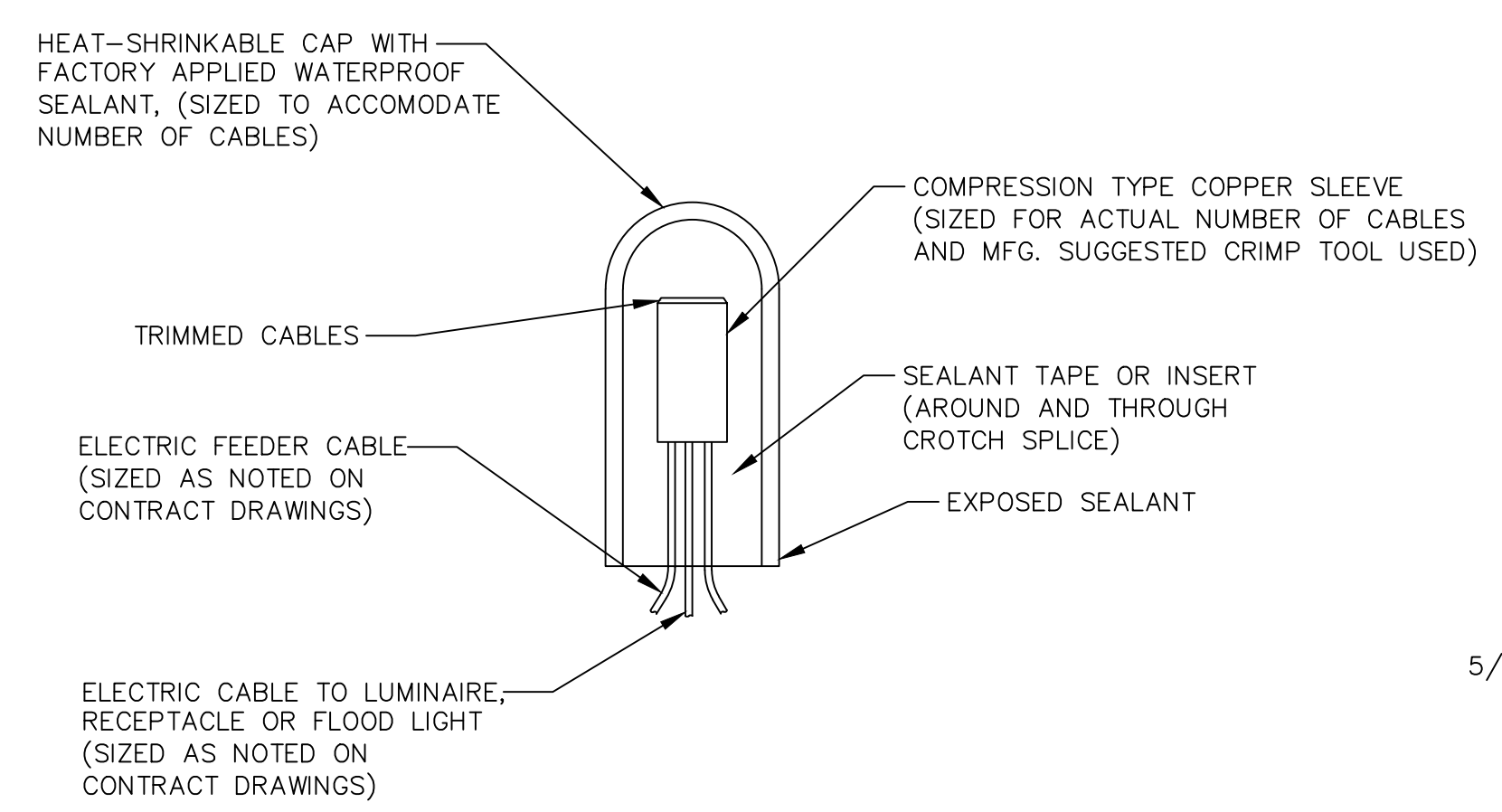


POLE HANDHOLE WIRING DIAGRAM
N.T.S.

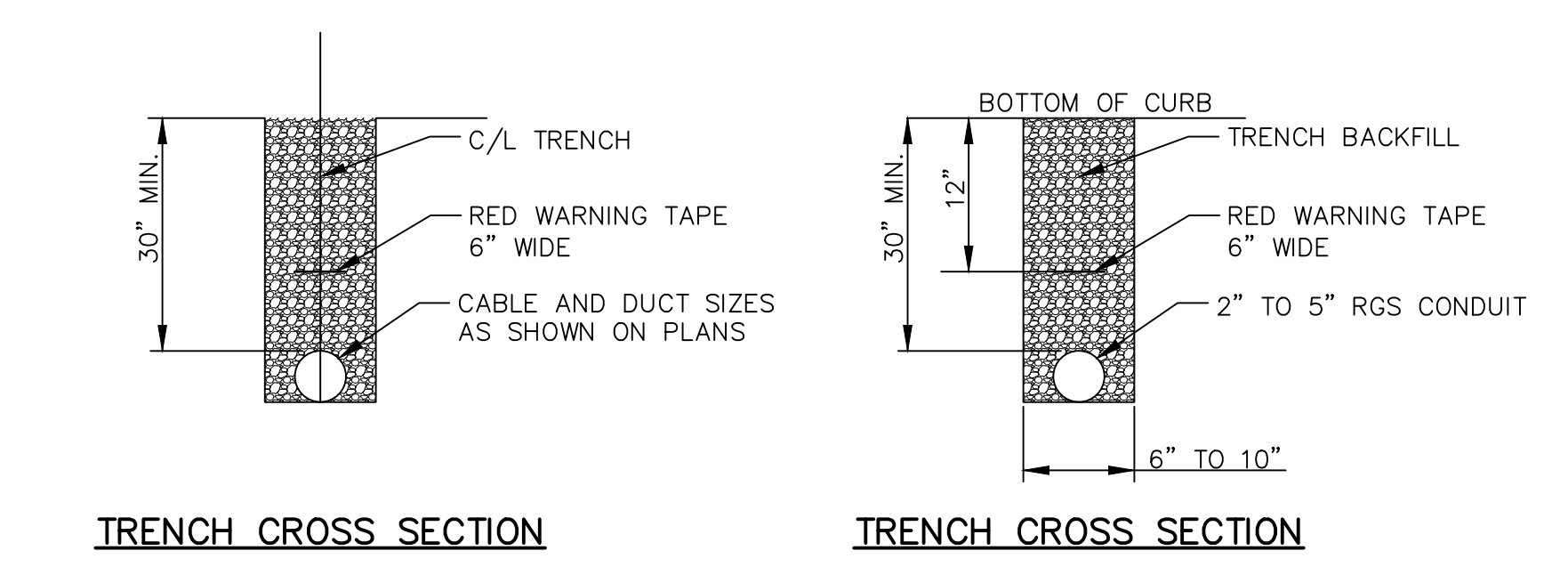


- NOTES:**
1. ALL SPLICES SHALL BE WATERPROOF.
 2. POLYMER CONCRETE HANDHOLE AND LID SHALL BE GREEN IN LANDSCAPED AREAS AND MATCH COLOR IN CONCRETE/BRICK AREAS.

POLYMER CONCRETE HANDHOLE
N.T.S.

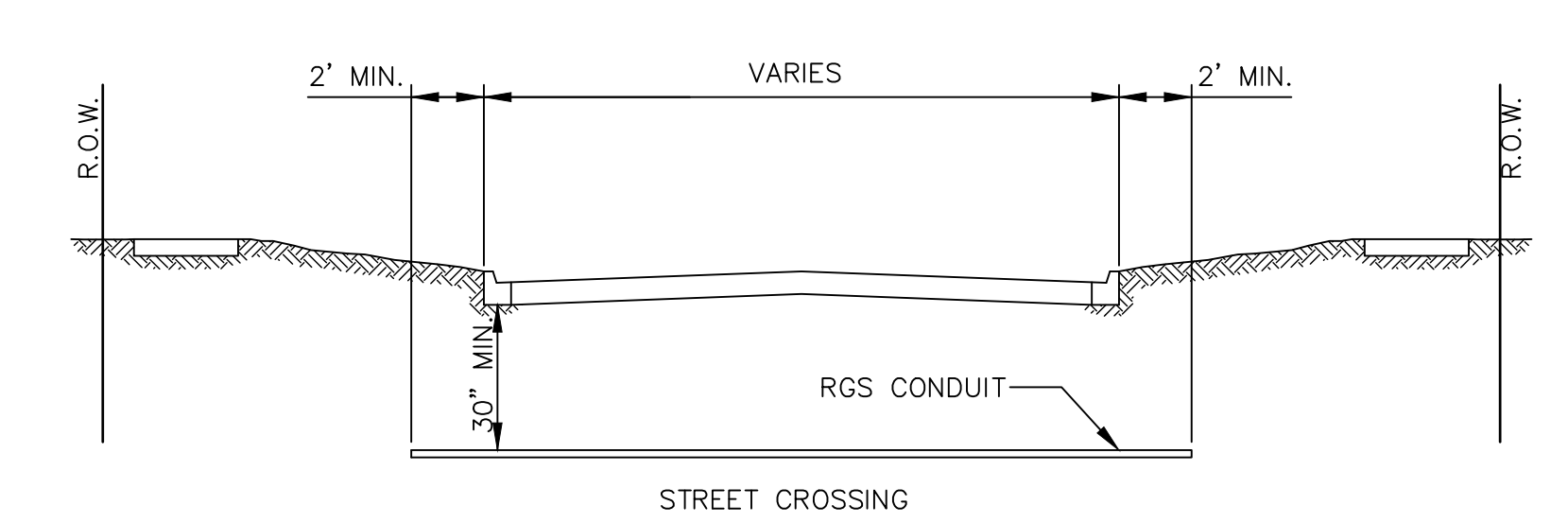


WATERPROOF SPLICING ELECTRIC CABLE
N.T.S.



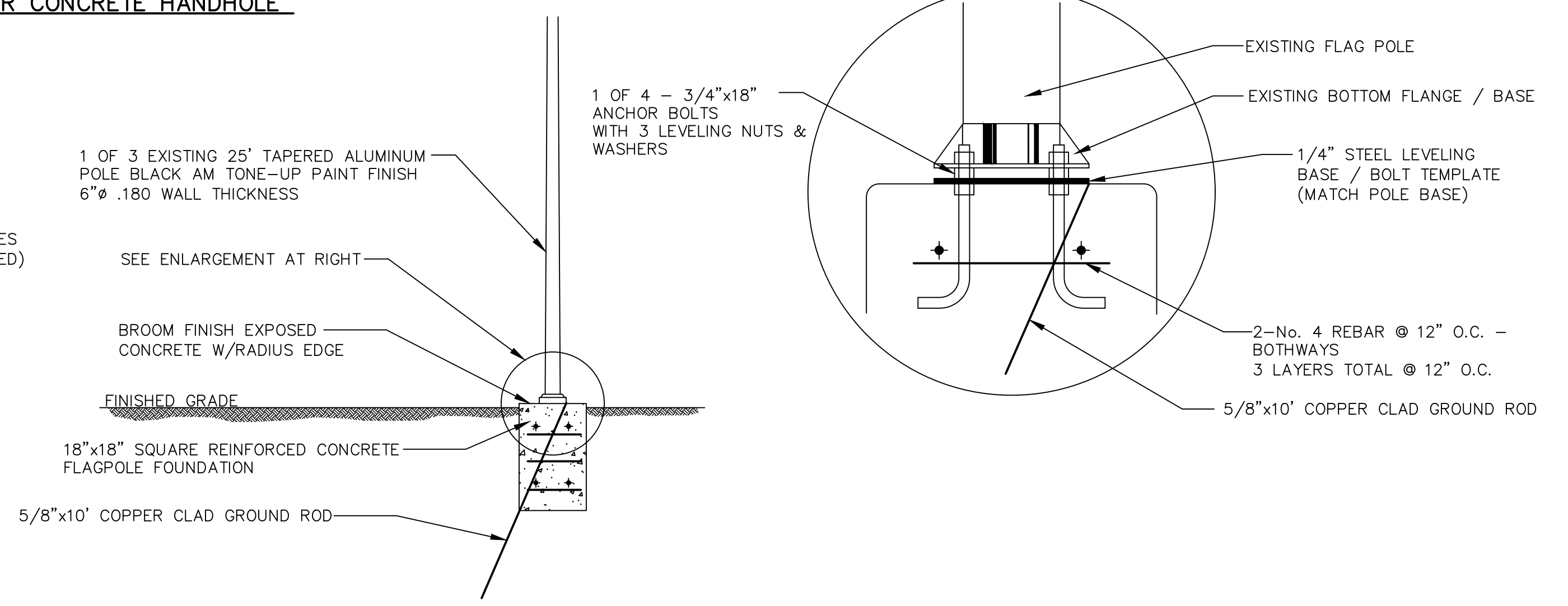
TRENCH CROSS SECTION

TRENCH CROSS SECTION



- NOTES:**
1. CONDUIT SHALL BE HEAVY WALL RIGID GALVANIZED STEEL (RGS) CONDUIT.
 2. CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
 3. CONDUIT SHALL BE A MINIMUM OF 30" BELOW BOTTOM OF CURB.

ELECTRIC CONDUIT UNDER PAVEMENT
N.T.S.

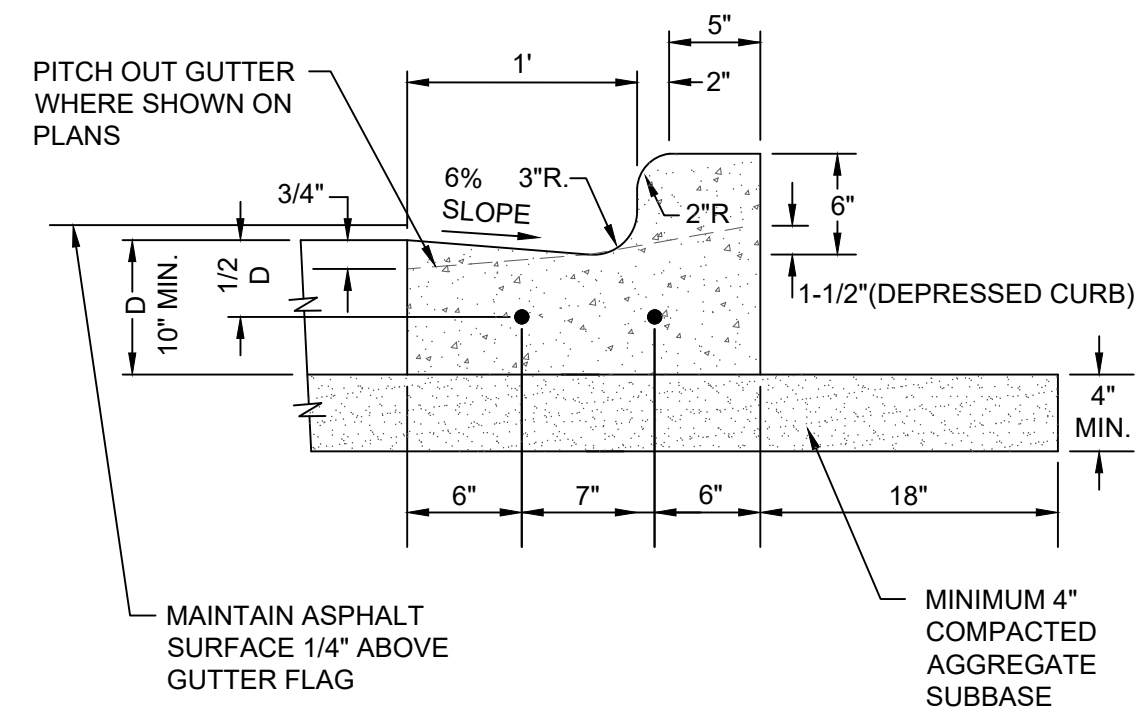


RELOCATED FLAGPOLE / FOUNDATION DETAIL
N.T.S.



DATE	PROJECT #	DESIGNED BY	CHECKED BY	DESCRIPTION:
	W22214.00	SPN	JFM	Electrical.dwg
DRAWN BY				

DATE	PROJECT #	DESIGNED BY	CHECKED BY	DESCRIPTION:
	W22214.00	SPN	JFM	Electrical.dwg
DRAWN BY				



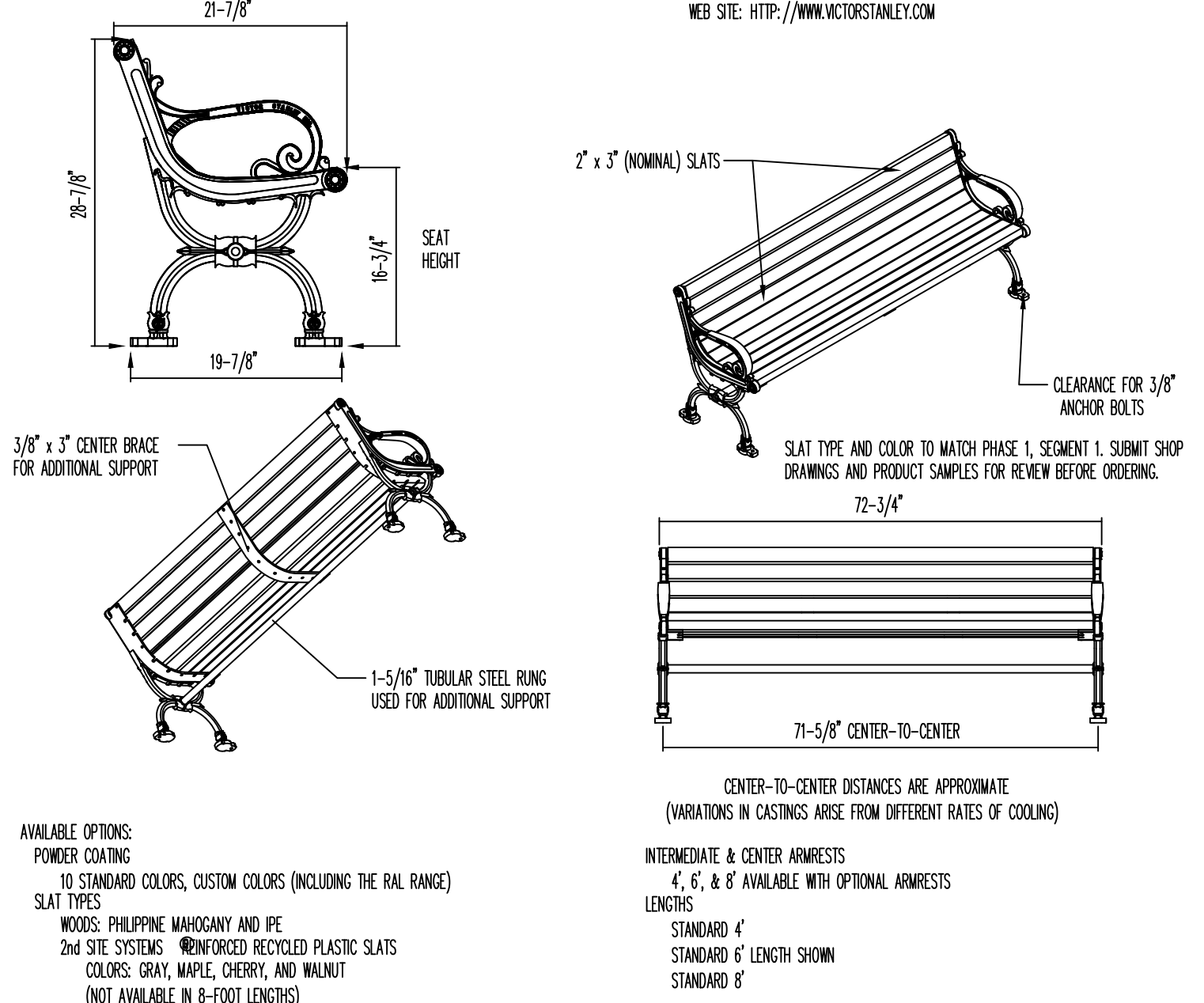
NOTES:

- 3/4" PREFORMED BITUMINOUS EXPANSION JOINT WITH TWO (2) NUMBER 6 COATED SMOOTH DOWEL BARS (3/4" DIA. X 18") WITH GREASE CAPS SHALL BE PLACED EVERY 150'. 10' EITHER SIDE OF DRAINAGE STRUCTURES, P.C.'S, RADIUS POINTS AND BACK OF CUL-DE-SACS. WHEN EXPANSION JOINTS ARE CONSTRUCTED ADJACENT TO EXISTING CURB & GUTTER THE EXISTING CURB SHALL BE DRILLED AND TWO (2) NUMBER 6 COATED SMOOTH DOWEL BARS (3/4" X 18") GROUTED IN PLACE. GREASE CAPS SHALL BE PLACED ON THE SIDE OF THE NEW CURB AND GUTTER SHALL HAVE A PINCHED STOP THAT WILL PROVIDE A MINIMUM 1" EXPANSION.
- TOOLED CONTROL JOINTS OR SAWCUTS SHALL BE MADE EVERY 15'.
- SAWCUTS SHALL BE MADE WITHIN TWENTY-FOUR (24) HOURS AND SEALED WITH A CITY APPROVED JOINT SEALANT. JOINTS SHALL BE CLEAN AND DRY PRIOR TO APPLICATION OF SEALANT.
- FOR CURB AND GUTTER CONSTRUCTED OVER UTILITY TRENCHES, TWO (2) EPOXY COATED REINFORCING BARS (NO. 4) SHALL BE PLACED IN THE CURB AND GUTTER, CENTERED OVER THE TRENCH.

	B6.12 BARRIER CURB & GUTTER	PAVEMENT 20
	EFFECTIVE: 2/29/2008	SHEET 1 OF 1
590.20		

VICTOR STANLEY, INC.
Manufacturers of Quality Site Furnishings since 1965

P.O. DRAWER 330 - DUNKIRK, MD 20754 USA
TOLL FREE: (800) 368-2573 (USA & CANADA)
TEL (301) 855-8300 - FAX (410) 257-7579
WEB SITE: HTTP://WWW.VICTORSTANLEY.COM

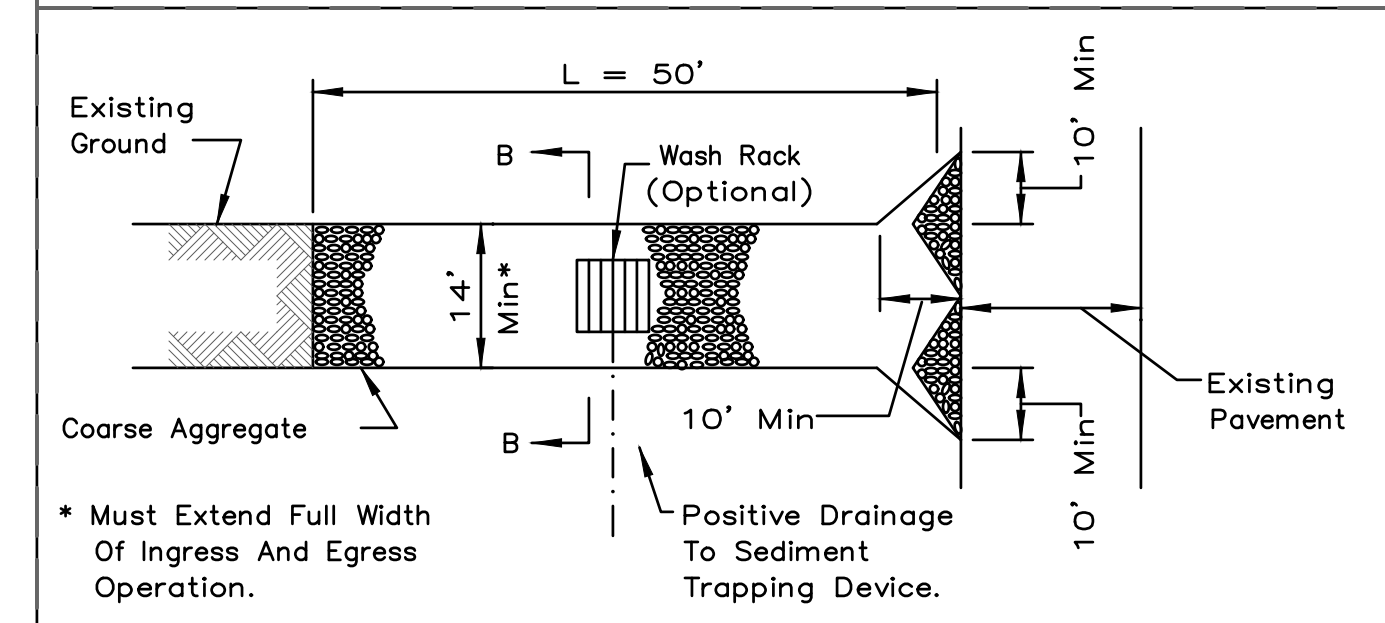


- AVAILABLE OPTIONS:**
- POWDER COATING:**
10 STANDARD COLORS, CUSTOM COLORS (INCLUDING THE RAL RANGE)
- SLAT TYPES:**
WOODS: PHILIPPINE MAHOGANY AND IPE
2nd SITE SYSTEMS: REINFORCED RECYCLED PLASTIC SLATS
COLORS: GRAY, MAPLE, CHERRY, AND WALNUT (NOT AVAILABLE IN 8-FOOT LENGTHS)
- NOTES:**
- DUCTILE IRON CASTINGS COME WITH A TEN YEAR WARRANTY AGAINST BREAKAGE.
 - DRAWING NOT TO SCALE. DO NOT SCALE DRAWINGS.
 - ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.E.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PRE-TREATED, PREHEATED AND COATED WHILE HOT TO FULL CLOSURES AND BUILT COATING FILM. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH AVERAGES 8-10 MILS (200-250 MICRONS).
 - IT IS NOT RECOMMENDED TO LOCATE ANCHOR BOLTS UNTIL BENCH IS IN PLACE. THIS VICTOR STANLEY, INC. PRODUCT MUST BE PERMANENTLY AFFIXED TO THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
 - ANCHOR BOLTS NOT PROVIDED BY VICTOR STANLEY, INC.
 - FOR HIGH SALT ABUSIVE CLIMATES, NOT DIP GALVANIZING BEFORE POWDER COATING IS AVAILABLE. SEE WRITTEN SPECIFICATIONS FOR DETAILS.
 - ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.
 - THIS PRODUCT IS SHIPPED PARTIALLY UNASSEMBLED.

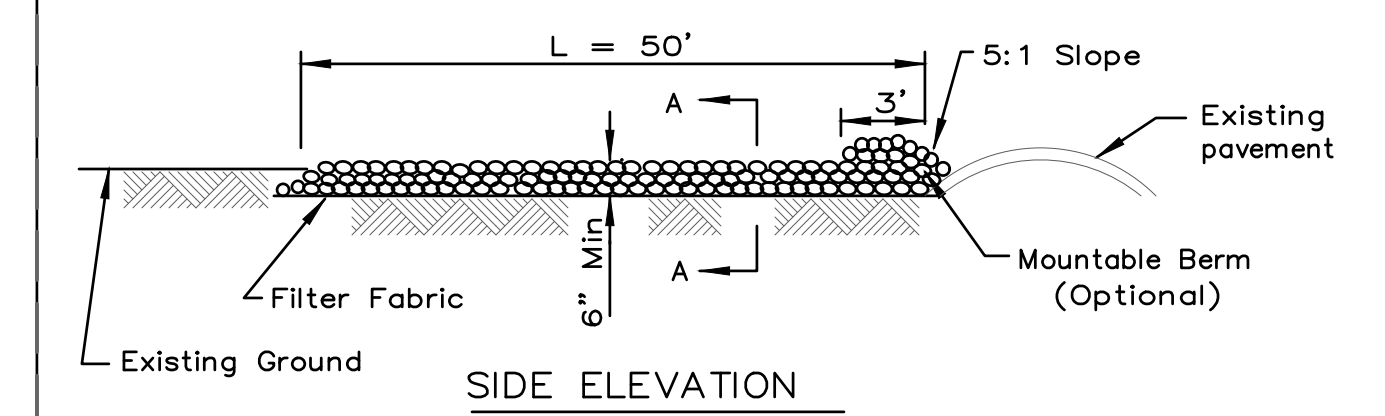
C-10
CLASSIC SERIES
STANDARD BENCH WITH DUCTILE IRON END FRAMES
SHOWING STANDARD 6-FOOT LENGTH

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REV. 7/11/07 DRAWING M.C.M. 2007-366

STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW

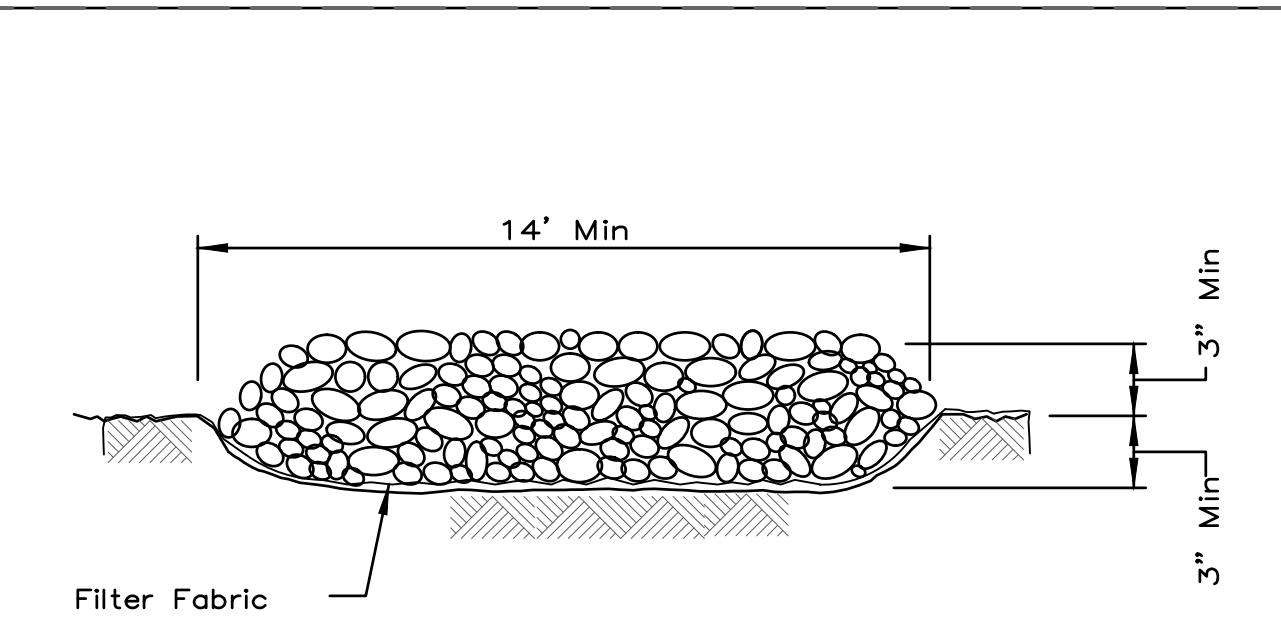


SIDE ELEVATION

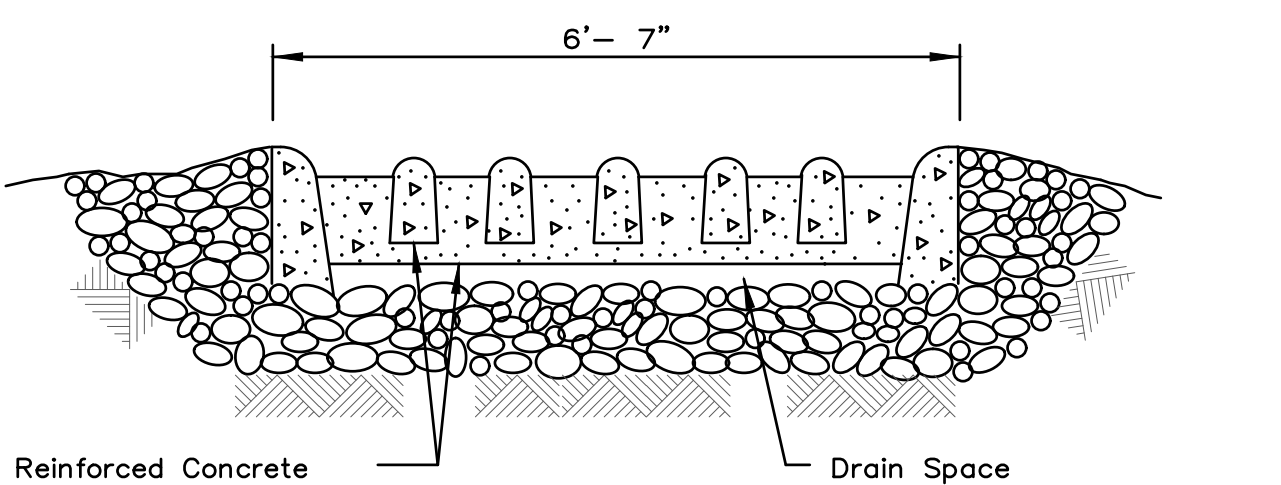
- NOTES:**
- Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class 1 of 1 and shall be placed over the cleared area prior to the placing of rock.
 - Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
 - Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
 - If wash racks are used they shall be installed according to the manufacturer's specifications.

PROJECT Project _____ Date _____ Designed _____ Date _____ Checked _____ Date _____ Approved _____ Date _____		STANDARD DWG. NO. IL-630 SHEET 1 OF 2 DATE 8-18-94
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STABILIZED CONSTRUCTION ENTRANCE PLAN

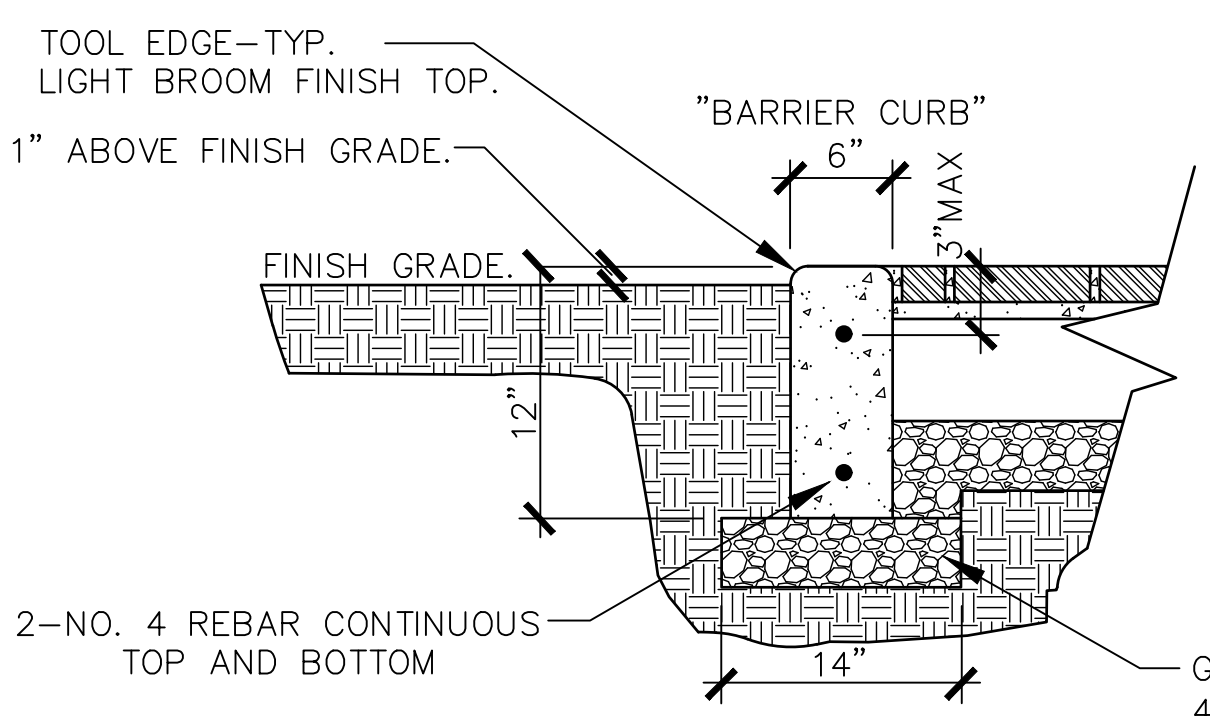


SECTION A-A



SECTION B-B

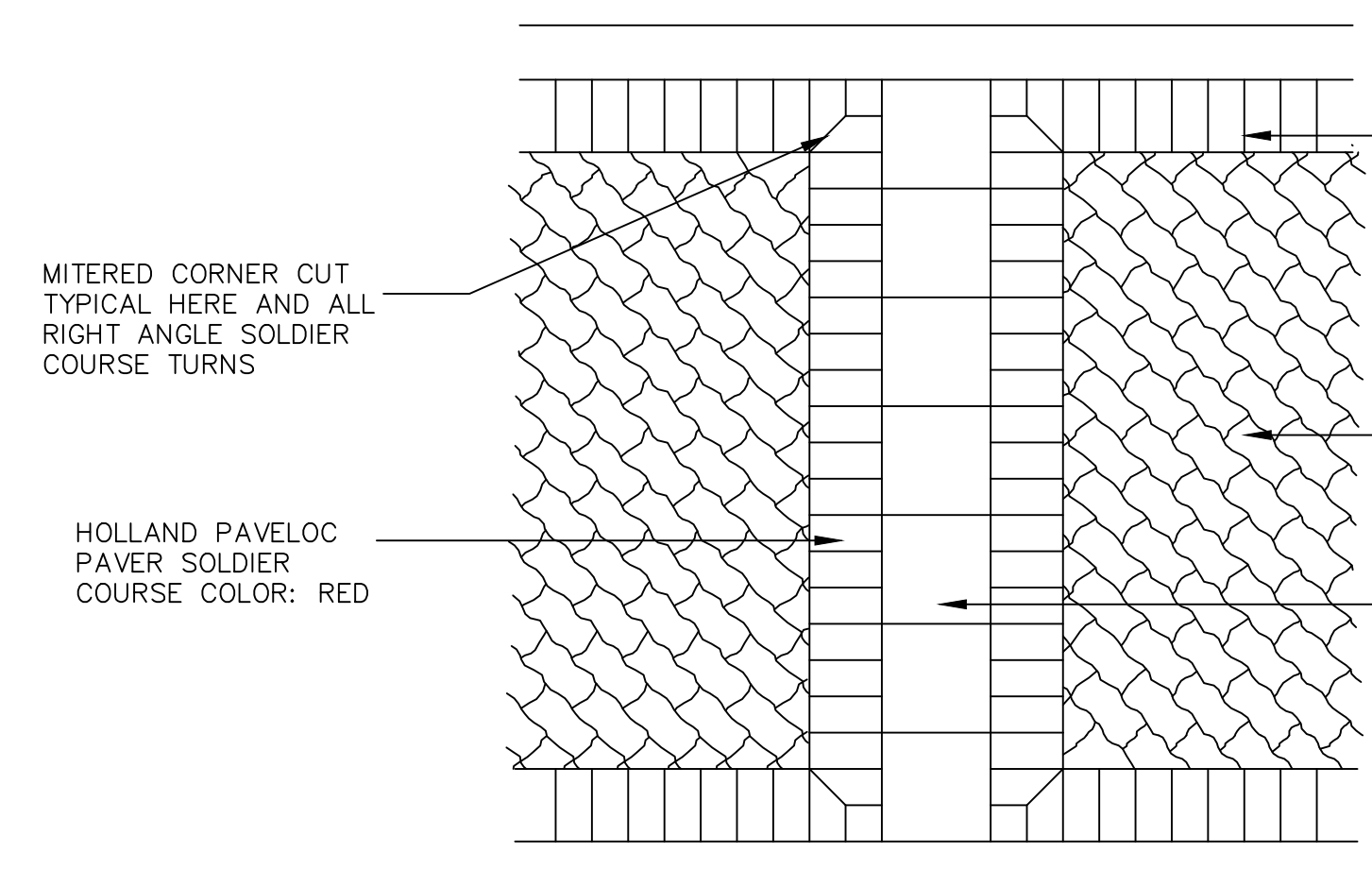
REFERENCE Project _____ Date _____ Designed _____ Date _____ Checked _____ Date _____ Approved _____ Date _____		STANDARD DWG. NO. IL-630 SHEET 2 OF 2 DATE 8-18-94
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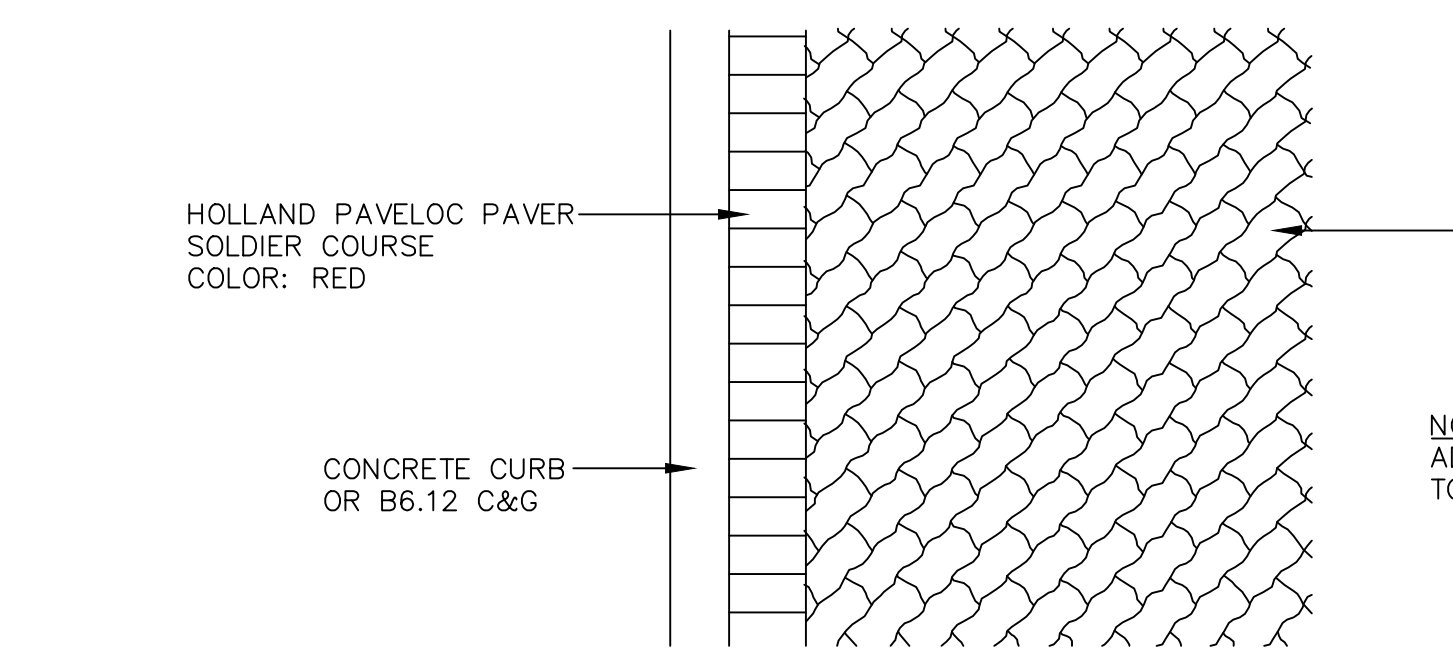
NOTES:

- SAW CUT CONTROL JOINTS @ 15' O.C.
- PREMOLDED EXPANSION JOINTS @ 50' O.C. WITH 3/4" SMOOTH SLIP DOWELS.
- ALL EXPOSED CONCRETE TO HAVE LIGHT BROOM FINISH.
- GRANULAR SUB-BASE MATERIAL INCLUDED IN THE COST OF CURB CONSTRUCTION.

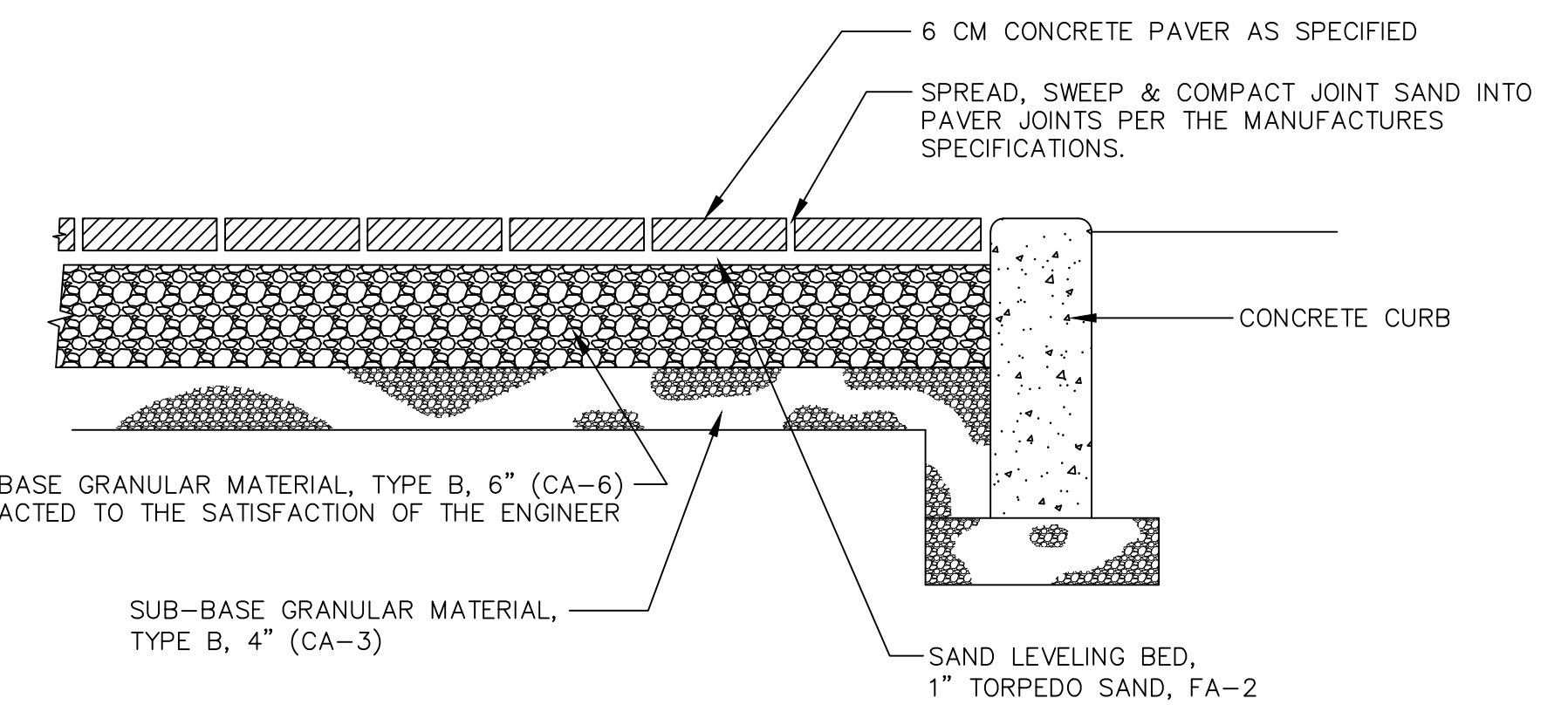
CONCRETE CURB: TYPICAL SECTION
N.T.S.



PAVER PATTERN "A" ACCENT BANDING
N.T.S.



PAVER PATTERN "A" RIVERWALK STANDARD RUNNING BOND
N.T.S.



NOTES:

- CONTRACTOR SHALL VERIFY SIZE SHAPE AND COLOR OF WALKWAY PAVER PRIOR TO ORDERING. PAVERS SHALL BE OF THE SAME TYPE, SIZE AND COLOR AS EXISTING PAVERS.
- SUB-BASE GRANULAR MATERIALS ARE INCLUDED IN THE COST OF PAVER CONSTRUCTION.

BRICK PAVING TYPICAL SECTION
N.T.S.

ENGINEERING
RESOURCE ASSOCIATES
35701 WEST AVENUE, SUITE 150
NAPERVILLE, ILLINOIS 60563
PHONE (630) 393-3800
FAX (630) 393-3152
www.enrca.com

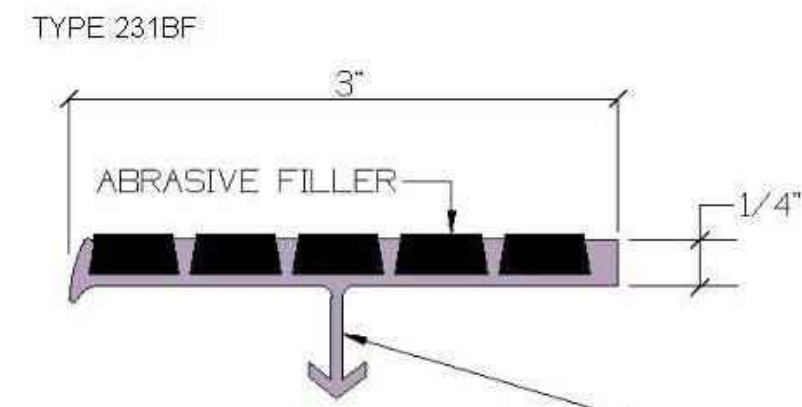
CITY OF NAPERVILLE
400 S. EAGLE STREET, NAPERVILLE, ILLINOIS 60540
(630)426-6111

NAPERVILLE RIVERWALK
SOUTH EXTENSION
725 S WASHINGTON STREET, NAPERVILLE, ILLINOIS 60540
PROJECT #: W22214.00

DATE	: W22214.00
PROJECT #	: W22214.00
DESIGNED BY	: SPN
DRAWN BY	:
CHECKED BY	: JFM

DESCRIPTION:	Riverwalk South Extension\CA00\SHEET\C-10.0 Construction Details.dwg
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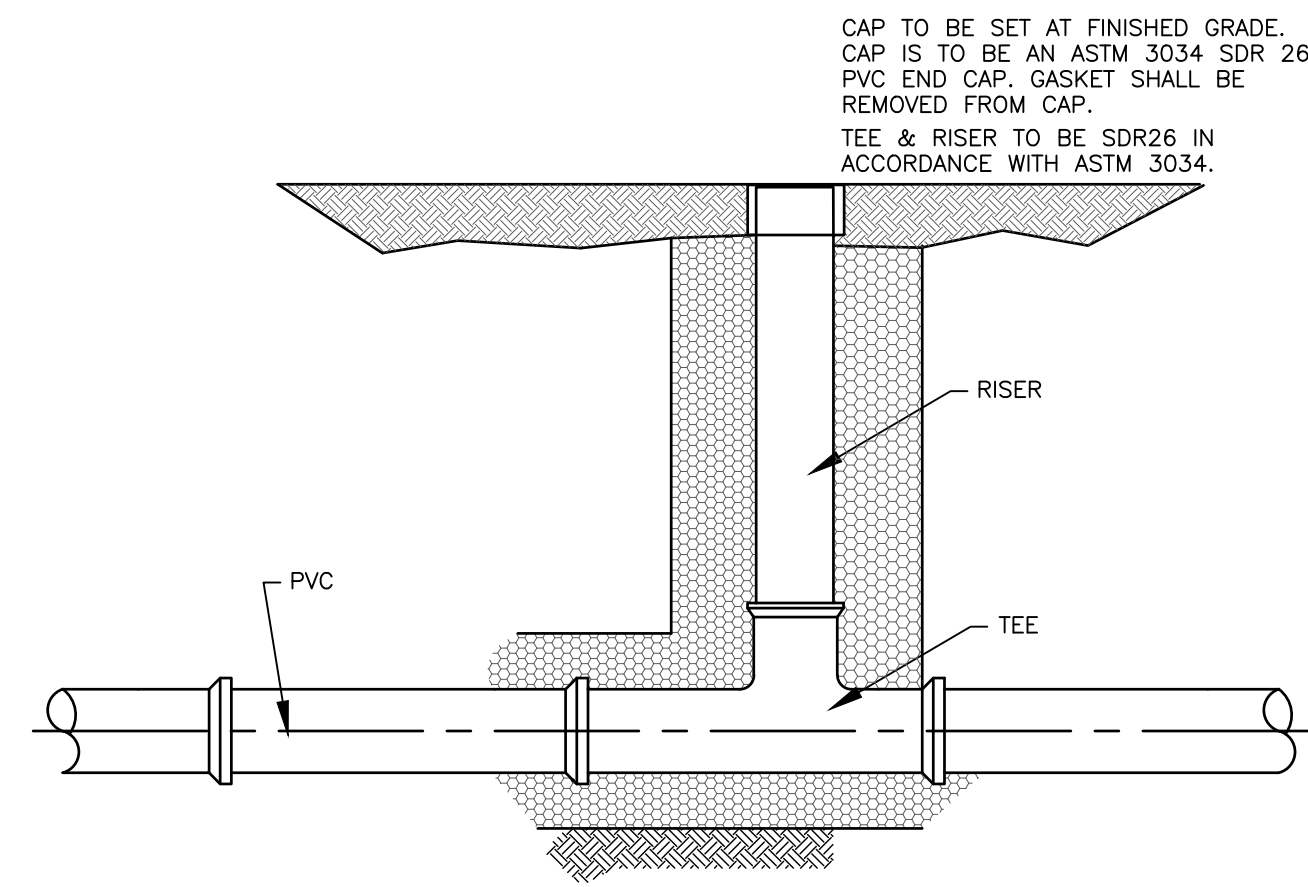
C-10.0
SHEET



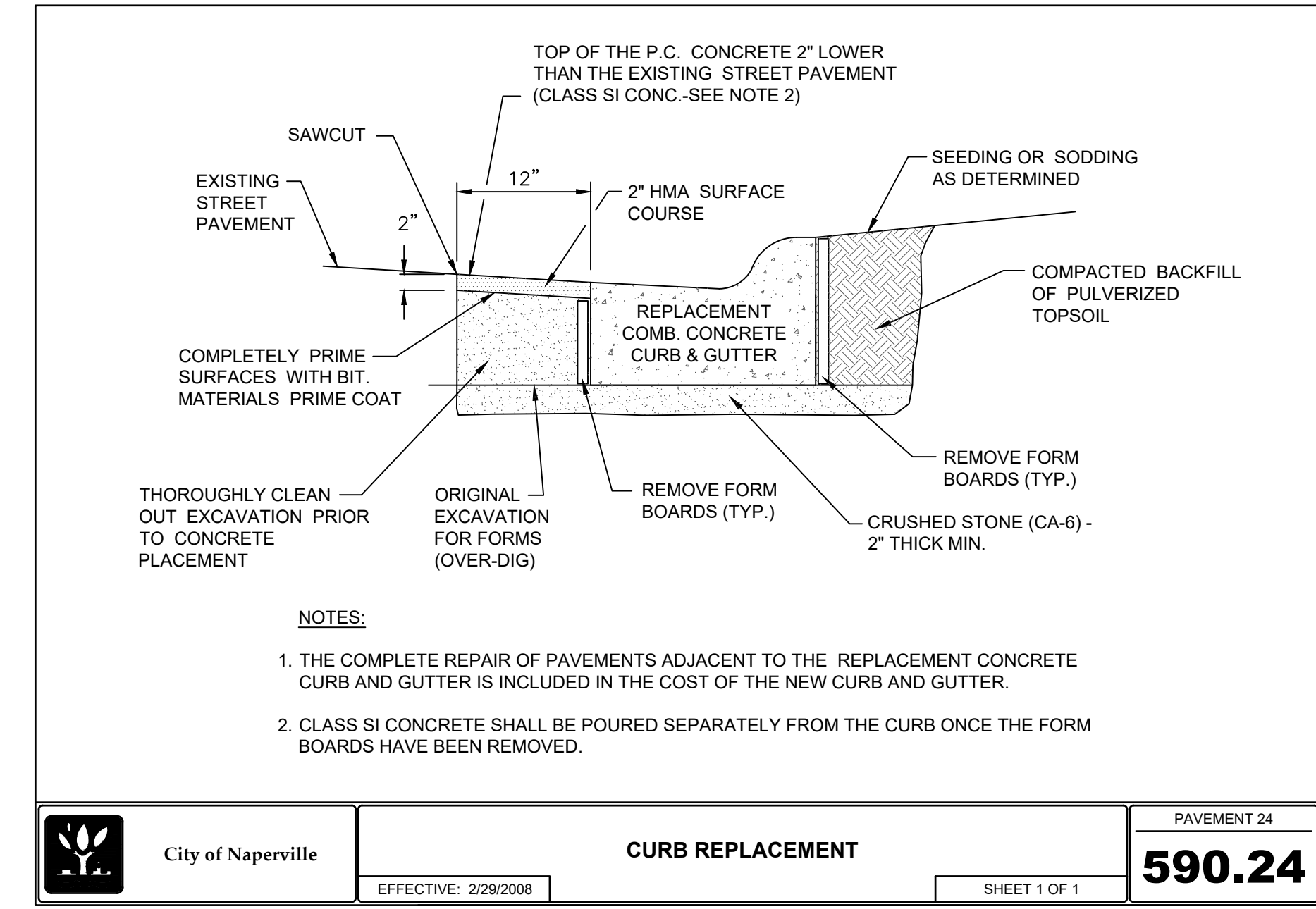
SURE-HOLD ANCHOR IS EXTRUDED INTEGRALLY FULL LENGTH OF SECTION

NOTE:
WILL NEED TO PAINT THE SURFACES IN CONTACT WITH THE CONCRETE WITH 2 COATS OF BITUMINOUS PAINT

ALUMINUM TREAD NOSING
N.T.S.

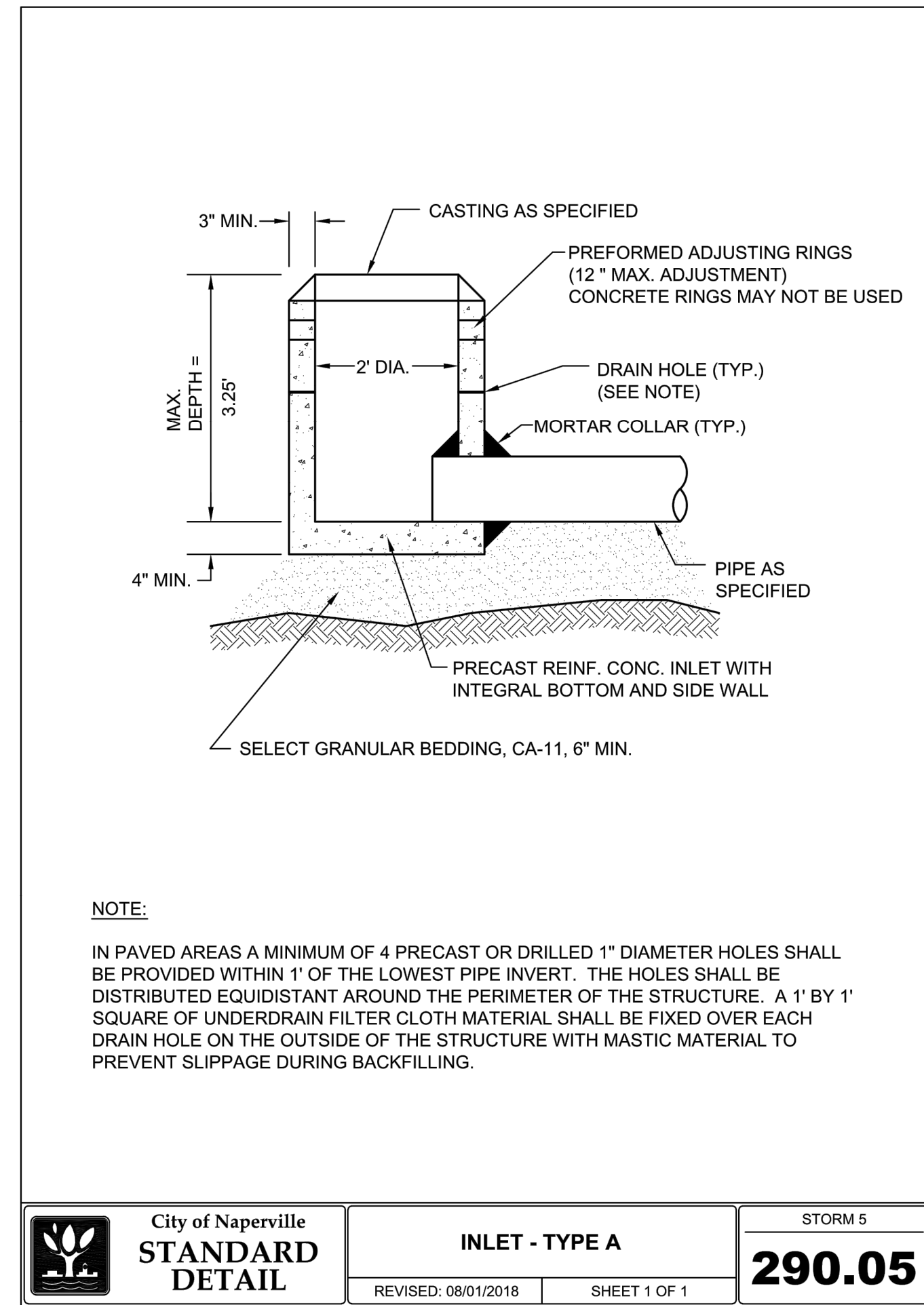


STORM SEWER CLEANOUT DETAIL
NOT TO SCALE



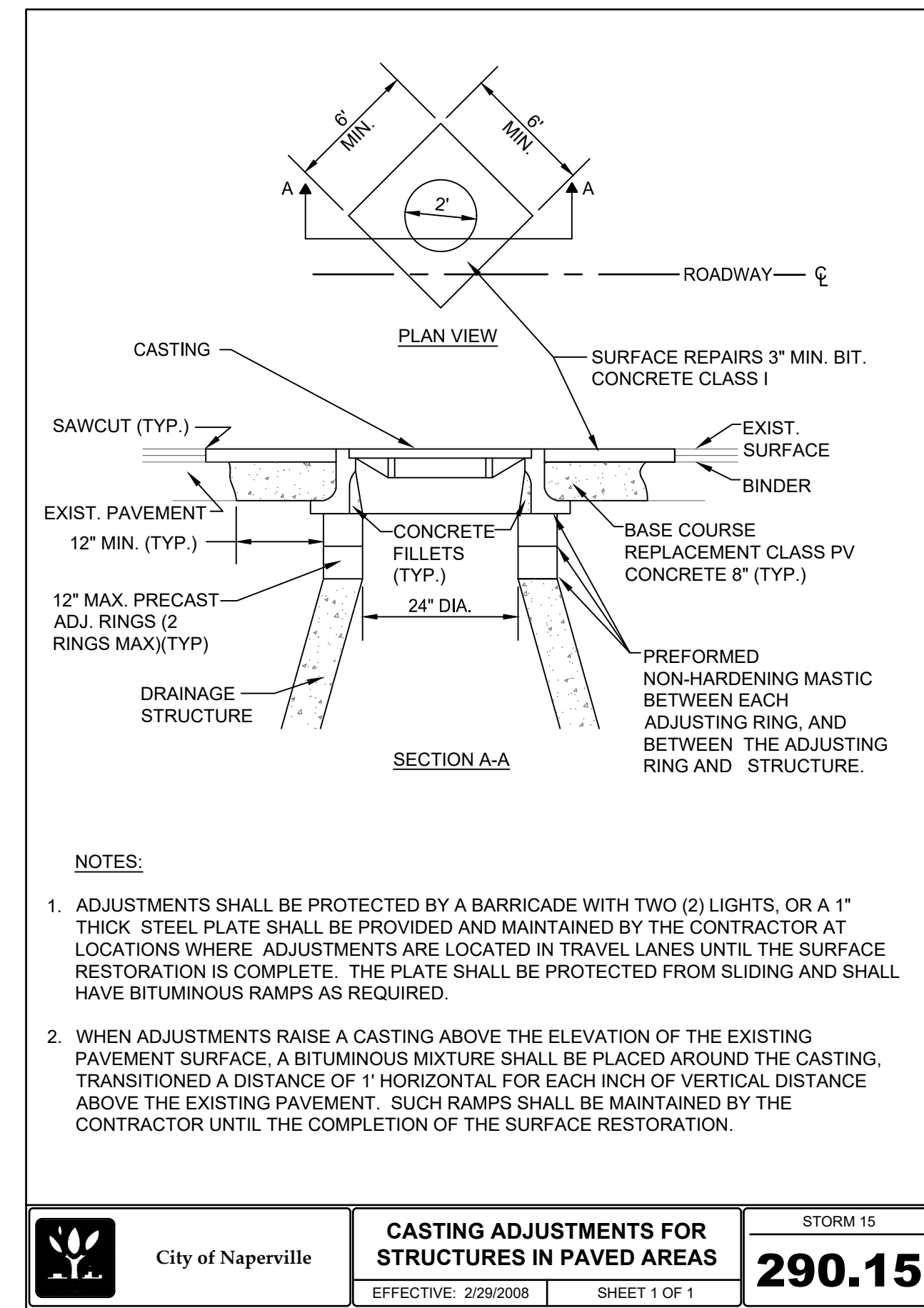
- NOTES:
1. THE COMPLETE REPAIR OF PAVEMENTS ADJACENT TO THE REPLACEMENT CURB AND GUTTER IS INCLUDED IN THE COST OF THE NEW CURB AND GUTTER.
 2. CLASS SI CONCRETE SHALL BE POURED SEPARATELY FROM THE CURB ONCE THE FORM BOARDS HAVE BEEN REMOVED.

	City of Naperville	CURB REPLACEMENT	PAVEMENT 24
	EFFECTIVE: 2/29/2008	SHEET 1 OF 1	590.24



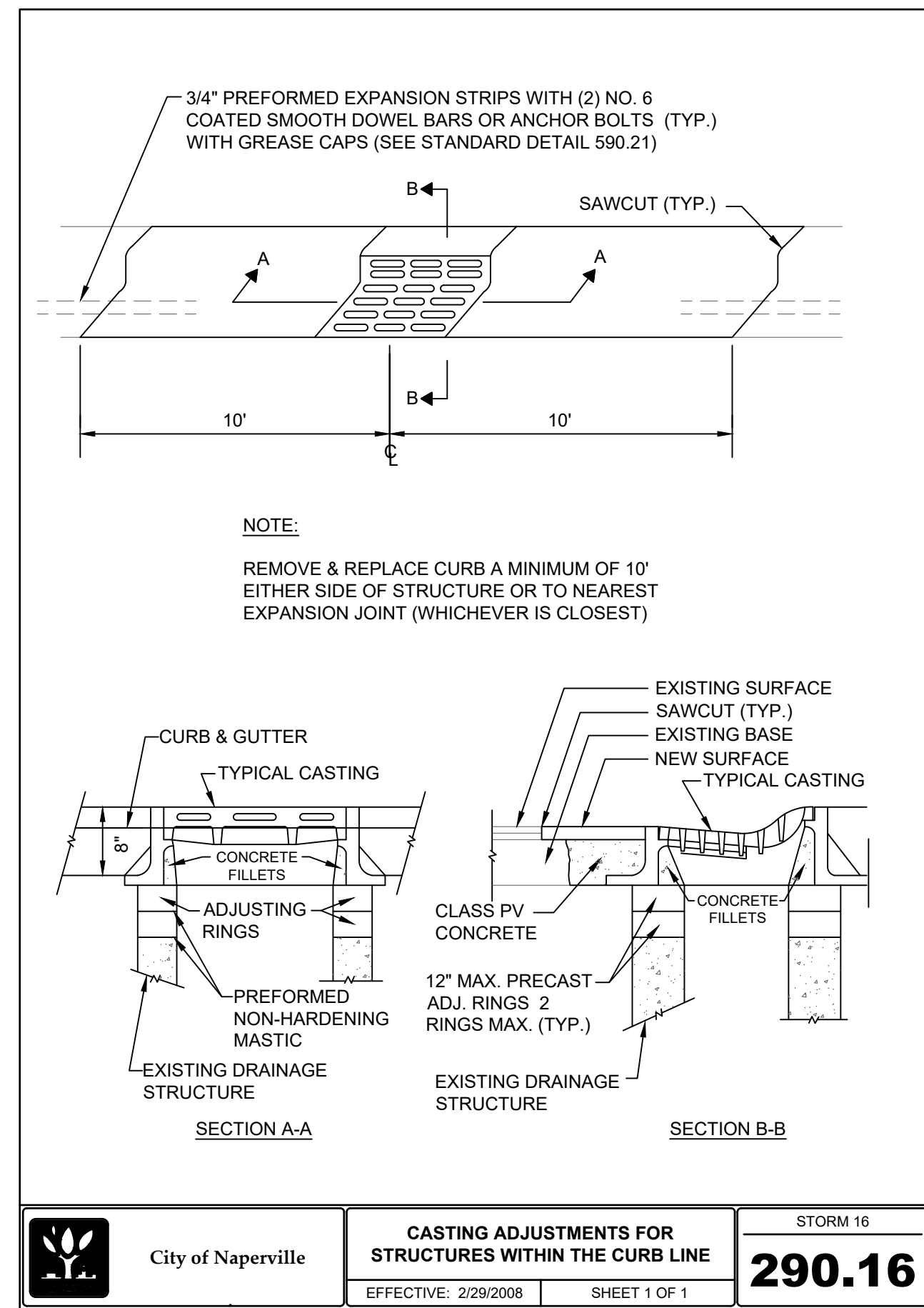
NOTE:
IN PAVED AREAS A MINIMUM OF 4 PRECAST OR DRILLED 1" DIAMETER HOLES SHALL BE PROVIDED WITHIN 1' OF THE LOWEST PIPE INVERT. THE HOLES SHALL BE DISTRIBUTED EQUIDISTANT AROUND THE PERIMETER OF THE STRUCTURE. A 1' BY 1' SQUARE OF UNDERDRAIN FILTER CLOTH MATERIAL SHALL BE FIXED OVER EACH DRAIN HOLE ON THE OUTSIDE OF THE STRUCTURE WITH MASTIC MATERIAL TO PREVENT SLIPPAGE DURING BACKFILLING.

	City of Naperville	INLET - TYPE A	STORM 5
	REVISD: 08/01/2018	SHEET 1 OF 1	290.05



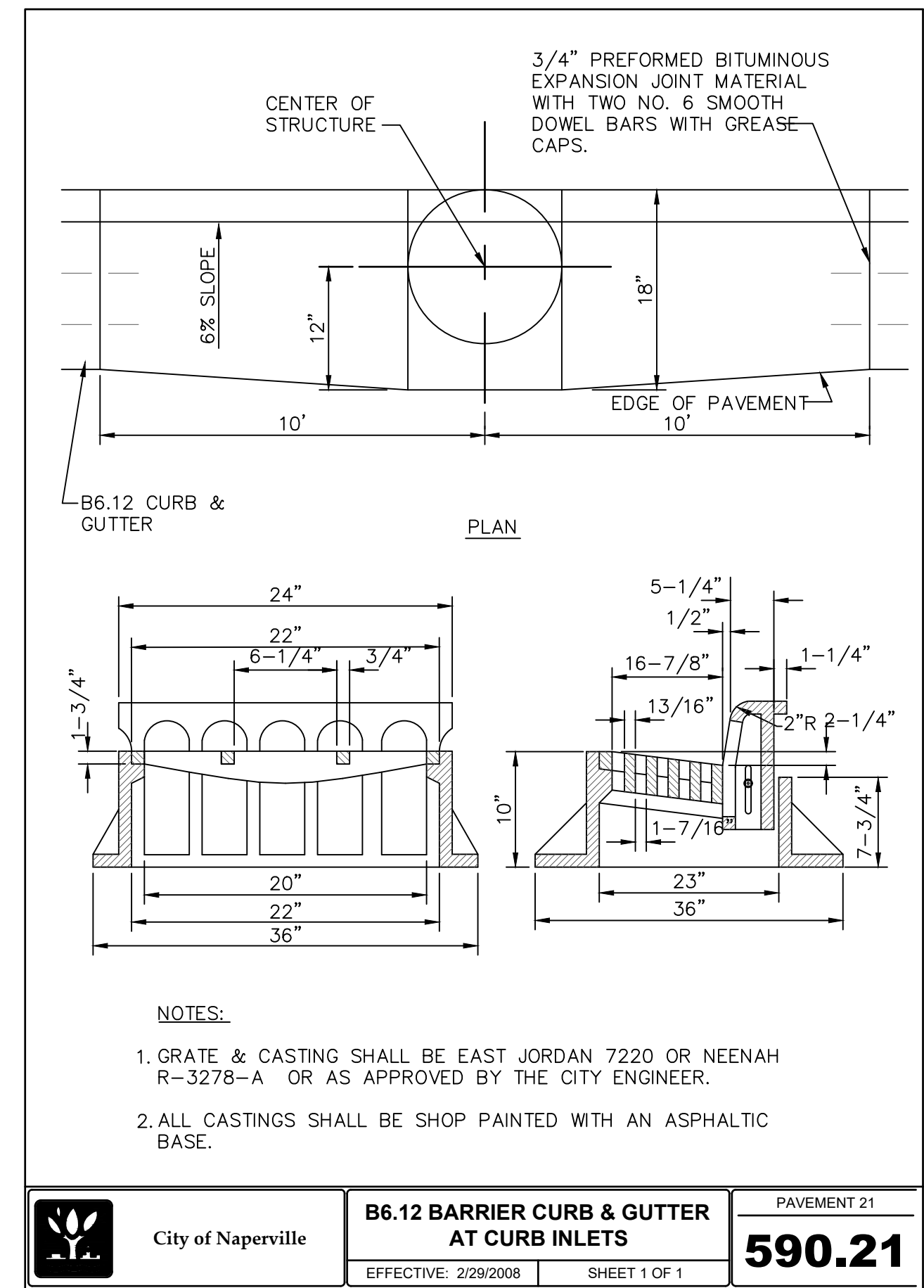
- NOTES:
1. ADJUSTMENTS SHALL BE PROTECTED BY A BARRICADE WITH TWO (2) LIGHTS, OR A 1" THICK STEEL PLATE SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR AT LOCATIONS WHERE ADJUSTMENTS ARE LOCATED IN TRAVEL LANES UNTIL THE SURFACE RESTORATION IS COMPLETE. THE PLATE SHALL BE PROTECTED FROM SLIDING AND SHALL HAVE BITUMINOUS RAMPS AS REQUIRED.
 2. WHEN ADJUSTMENTS RAISE A CASTING ABOVE THE ELEVATION OF THE EXISTING PAVEMENT SURFACE, A BITUMINOUS MIXTURE SHALL BE PLACED AROUND THE CASTING, TRANSITIONED A DISTANCE OF 1' HORIZONTAL FOR EACH INCH OF VERTICAL DISTANCE ABOVE THE EXISTING PAVEMENT. SUCH RAMPS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL THE COMPLETION OF THE SURFACE RESTORATION.

	City of Naperville	CASTING ADJUSTMENTS FOR STRUCTURES IN PAVED AREAS	STORM 15
	EFFECTIVE: 2/29/2008	SHEET 1 OF 1	290.15



- NOTE:
REMOVE & REPLACE CURB A MINIMUM OF 10' EITHER SIDE OF STRUCTURE OR TO NEAREST EXPANSION JOINT (WHICHEVER IS CLOSEST)

	City of Naperville	CASTING ADJUSTMENTS FOR STRUCTURES WITHIN THE CURB LINE	STORM 16
	EFFECTIVE: 2/29/2008	SHEET 1 OF 1	290.16



- NOTES:
1. GRATE & CASTING SHALL BE EAST JORDAN 7220 OR NEENAH R-3278-A OR AS APPROVED BY THE CITY ENGINEER.
 2. ALL CASTINGS SHALL BE SHOP PAINTED WITH AN ASPHALTIC BASE.

	City of Naperville	B6.12 BARRIER CURB & GUTTER AT CURB INLETS	PAVEMENT 21
	EFFECTIVE: 2/29/2008	SHEET 1 OF 1	590.21