

SYMBOL LEGEND:

	EXISTING STORM MANHOLE
	EXISTING STORM INLET
	EXISTING SANITARY MANHOLE
	EXISTING ELECTRIC MANHOLE
	EXISTING GATE VALVE
	EXISTING LIGHT POLE
	EXISTING TRANSFORMER
	EXISTING TREE
	EXISTING UNDERGROUND POWER LINE
	EXISTING SANITARY SEWER LINE
	EXISTING IRRIGATION LINE
	EXISTING STORM SEWER LINE
	EXISTING WATERMAIN LINE
	EXISTING CHILLED WATER LINE
	REMOVE EXISTING CONCRETE PAVEMENT
	REMOVE EXISTING ASPHALT PAVEMENT
	REMOVE EXISTING BUILDING
	REMOVE EXISTING CONCRETE CURB
	REMOVE EXISTING LANDSCAPING
	REMOVE EXISTING UNDERGROUND POWER LINE (SEE ELECTRICAL PLANS FOR DETAILS)
	REMOVE EXISTING IRRIGATION LINE
	REMOVE EXISTING STORM SEWER LINE
	REMOVE EXISTING WATERMAIN LINE
	REMOVE EXISTING CHILLED WATER LINE
	REMOVE EXISTING SANITARY LINE
	REMOVE EXISTING FIRE HYDRANT
	REMOVE EXISTING LIGHT POLE (SEE ELECTRICAL PLANS FOR DETAILS)
	REMOVE EXISTING TREE
	REMOVE EXISTING STORM INLET

PLAN NOTES:

1. CONTRACTOR SHALL PROTECT ALL PROPERTY PINS. PROPERTY PINS DESTROYED OR DISTURBED SHALL BE REPLACED AT CONTRACTORS EXPENSE.
2. CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. NORTH DAKOTA ONE CALL WILL ONLY LOCATE THEIR MAINS AND WILL NOT LOCATE PRIVATE UTILITIES ON THIS SITE. THE VA IS NOT RESPONSIBLE FOR LOCATING ANY ON SITE UTILITIES.
3. ALL PAVEMENT MARKED FOR DEMOLITION SHALL BE FULL DEPTH SAW CUT PRIOR TO REMOVAL.
4. ALL GRASSED AREAS DISTURBED BY CONSTRUCTION SHALL HAVE TOPSOIL (6" DEPTH), BE GRADED, AND SEEDED.

BENCHMARKS:

1. BM#1: THE SOUTHEAST FLANGE BOLT OF THE FIRE HYDRANT LOCATED IN THE NORTHWEST QUADRANT OF 21ST AVENUE NORTH AND ELM STREET.
ELEV: 902.46 (NAVD 88)
2. BM#2: THE SOUTHEAST FLANGE BOLT OF THE FIRE HYDRANT LOCATED EAST OF ELM STREET AND 21ST AVENUE NORTH ENTRANCE.
ELEV: 902.74 (NAVD 88)

Revisions

Date

Dept. of Veterans Affairs
Medical Center
2101 Elm Street North
Fargo, ND 58102

IMAGE GROUP INC., Architecture & Interiors
SOLLEN & LARSON ENGINEERING, Structural Engineers
OBERMILLER NELSON ENGINEERING, Mechanical Engineers
MBN ENGINEERS, Civil & Electrical Engineers
TRIO ENVIRONMENTAL, Environmental Consultants

MECHANICAL * ELECTRICAL * CIVIL
303 7th St N, Suite 200
FARGO, ND 58102
PHONE: 755-4763336
FAX: 755-4763340

Drawing Title
DEMOLITION PLAN

VA Project No.
437-310

Building No.
1

Contract No.
VA263-P-0967
VA263-C-

AutoCAD File Name
10-084 CLDWG

Project Title
VA MEDICAL CENTER
BUILDING 1
ADDITIONAL OUTPATIENT TREATMENT SPACE

Designed By
TE

Checked By
JM

Drawn By
TE

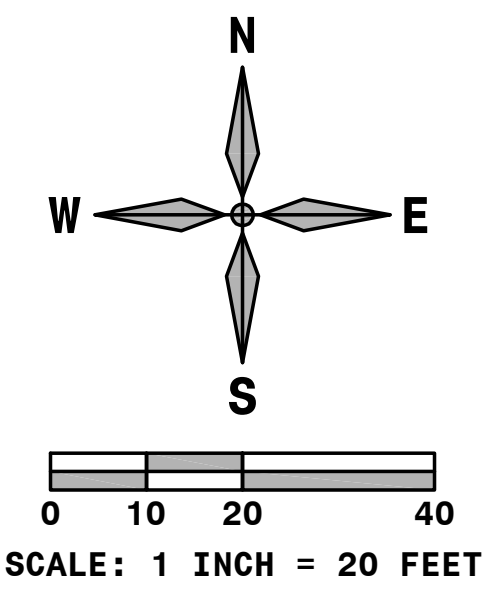
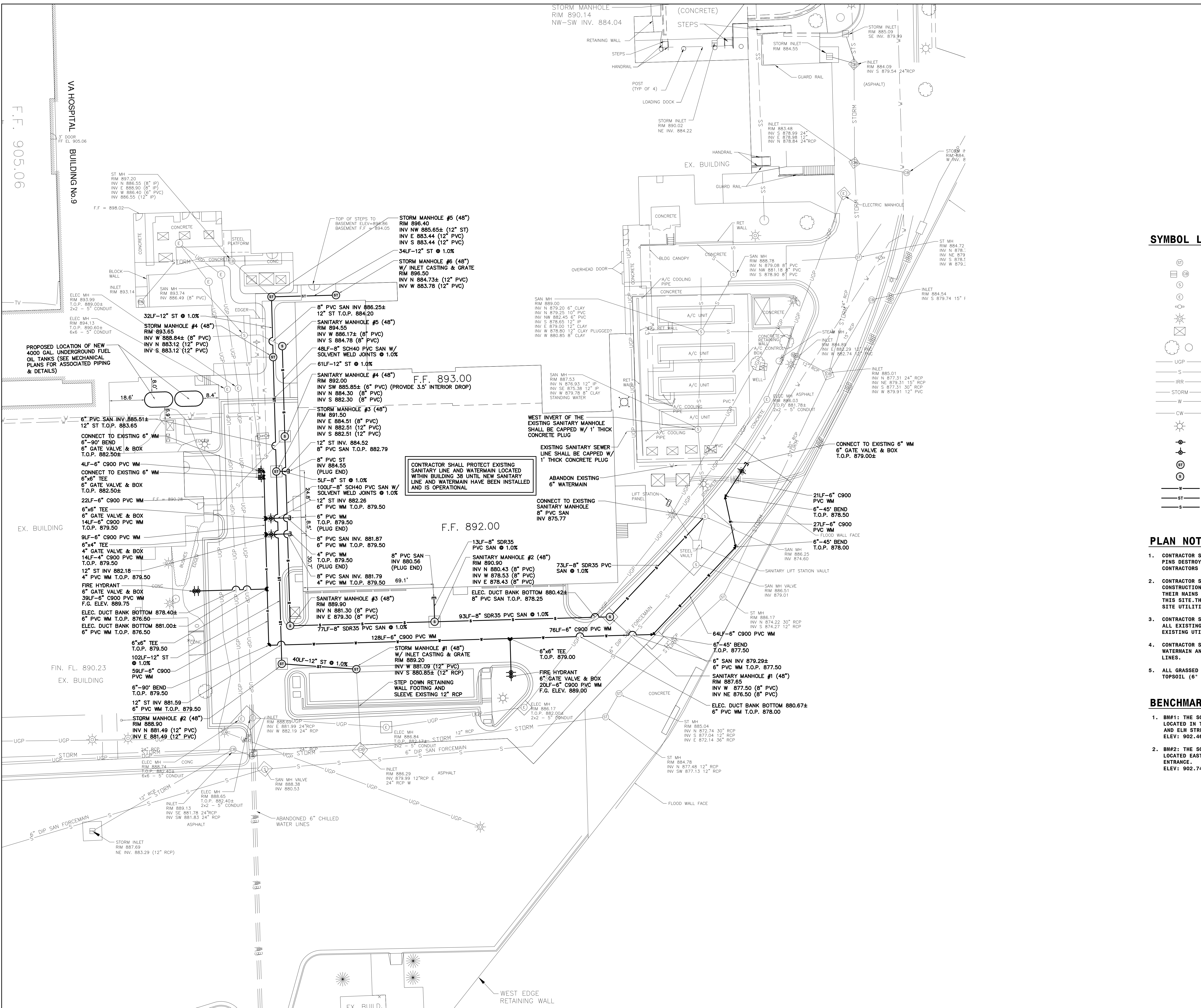
Location
VA MEDICAL CENTER
FARGO, ND

Date
SEPTEMBER 19, 2011

AS NOTED

Drawing No.
C1

Dwg. 3 of 83



SYMBOL LEGEND:



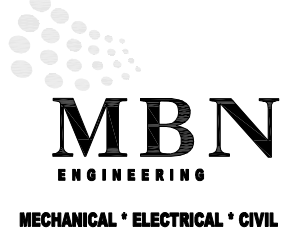

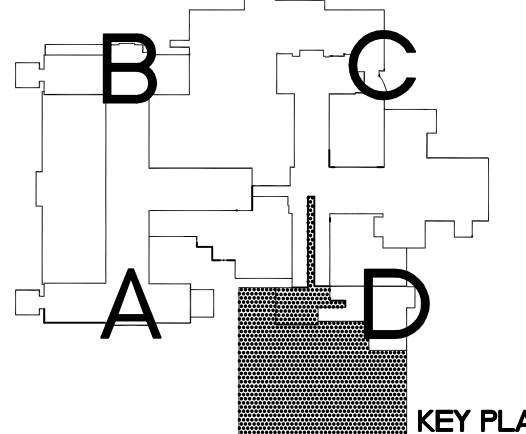
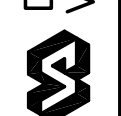
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	EXISTING STORM INLET
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	EXISTING GATE VALVE
	EXISTING LIGHT POLE
	EXISTING TRANSFORMER
	EXISTING TREE
	EXISTING UNDERGROUND POWER LINE
	EXISTING SANITARY SEWER LINE
	EXISTING IRRIGATION LINE
	EXISTING STORM SEWER LINE
	EXISTING WATERMAIN LINE
	EXISTING CHILLED WATER LINE
	RELOCATED LIGHT POLE (SEE ELECTRICAL PLANS FOR DETAILS)
	NEW GATE VALVE
	NEW FIRE HYDRANT
	NEW STORM MANHOLE
	NEW SANITARY MANHOLE
	NEW WATERMAIN LINE
	NEW STORM SEWER LINE
	NEW SANITARY SEWER LINE

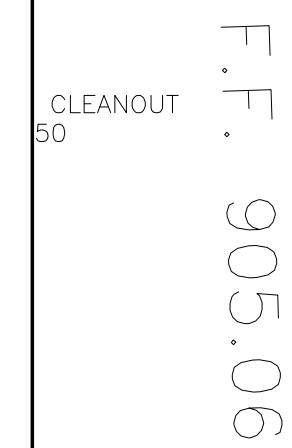
PLAN NOTES:

- CONTRACTOR SHALL PROTECT ALL PROPERTY PINS. PROPERTY PINS DESTROYED OR DISTURBED SHALL BE REPLACED AT CONTRACTORS EXPENSE.
- CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. NORTH DAKOTA ONE CALL WILL ONLY LOCATE THEIR MAINS AND WILL NOT LOCATE PRIVATE UTILITIES ON THIS SITE. THE VA IS NOT RESPONSIBLE FOR LOCATING ANY ON SITE UTILITIES.
- CONTRACTOR SHALL FIELD VERIFY LOCATION AND ELEVATION OF ALL EXISTING/PROPOSED UTILITY CROSSINGS, AND WHERE EXISTING UTILITIES CONNECT INTO NEW UTILITY MAINS.
- CONTRACTOR SHALL MAINTAIN 7.5' BURY DEPTH OVER THE WATERMAIN AND A 6.0' BURY DEPTH OVER THE SANITARY SEWER LINES.
- ALL GRASSED AREAS DISTURBED BY CONSTRUCTION SHALL HAVE TOPSOIL (6" DEPTH), BE GRADED, AND SEEDED.

BENCHMARKS:

- BM#1: THE SOUTHEAST FLANGE BOLT OF THE FIRE HYDRANT LOCATED IN THE NORTHWEST QUADRANT OF 21ST AVENUE NORTH AND ELM STREET.
ELEV: 902.46 (NAVD 88)
- BM#2: THE SOUTHEAST FLANGE BOLT OF THE FIRE HYDRANT LOCATED EAST OF ELM STREET AND 21ST AVENUE NORTH ENTRANCE.
ELEV: 902.74 (NAVD 88)

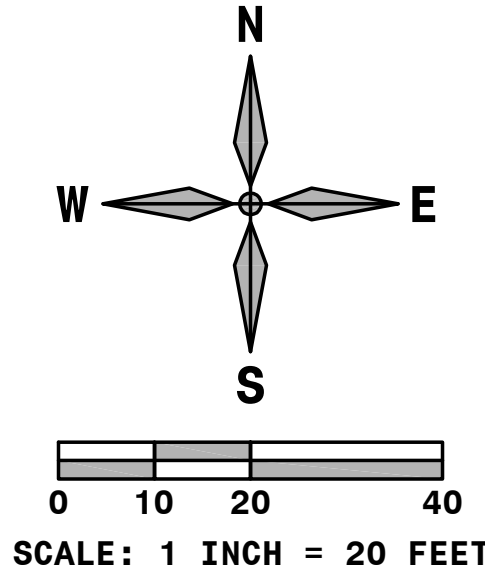
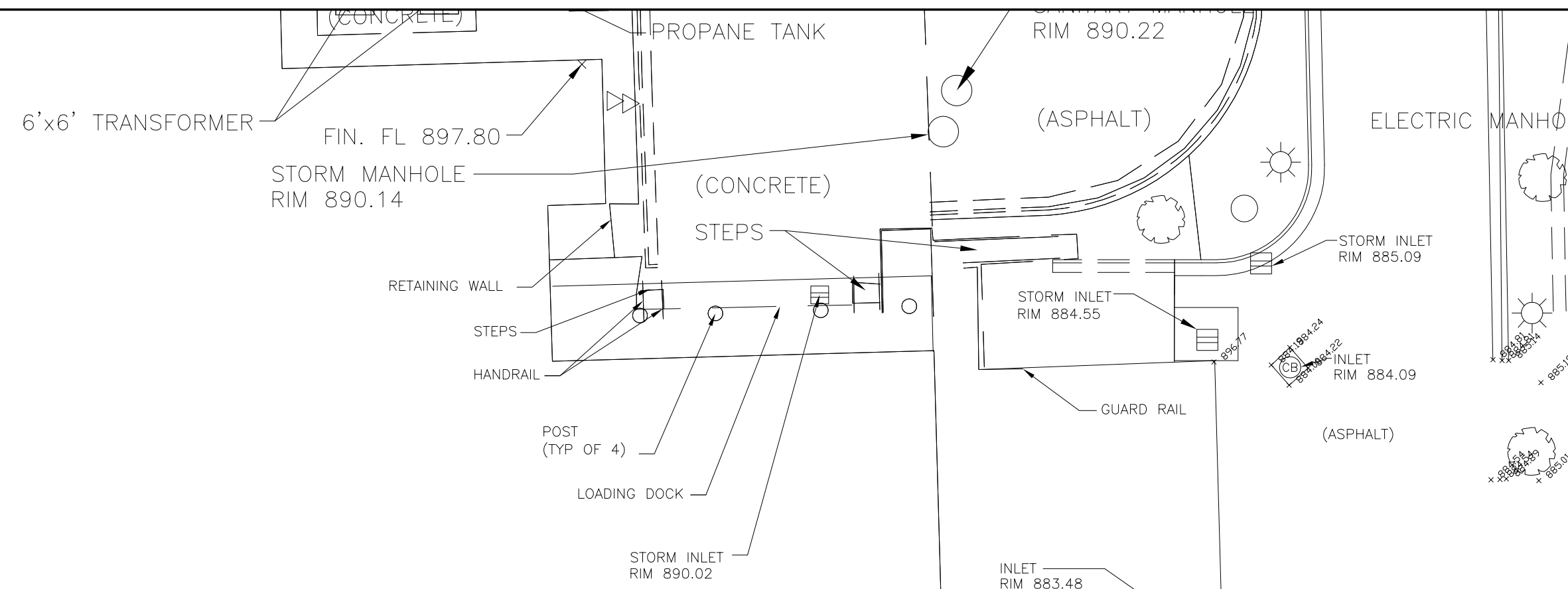
<div>Revisions</div> <table><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></table>									<div><div>Dept. of Veterans Affairs Medical Center 2101 Elm Street North Fargo, ND 58102</div></div>	<div><div>IMAGE GROUP INC. 403 CENTER AVENUE, SUITE 300 MOORHEAD, MN 56560</div></div>	<div><div>IMAGE GROUP INC., Architecture & Interiors SOLLEN & LARSON ENGINEERING, Structural Engineers OBERMILLER NELSON ENGINEERING, Mechanical Engineers MBN ENGINEERS, Civil & Electrical Engineers TRIO ENVIRONMENTAL, Environmental Consultants</div><div><div>MECHANICAL * ELECTRICAL * CIVIL 503 7th St. N. SUITE 200 FARGO, ND 58102 PHONE: 755-4763330 FAX: 755-4763340</div></div><div></div></div>	<div><div>KEY PLAN</div></div>	<table><tr><td colspan="2">Drawing Title</td></tr><tr><td colspan="2">UTILITY PLAN</td></tr><tr><td>VA Project No.</td><td>Contract No.</td></tr><tr><td>437-310</td><td>VA263-P-0967 VA263-C-</td></tr><tr><td>Building No.</td><td>AutoCAD File Name</td></tr><tr><td>1</td><td>10-084 C2LDWG</td></tr></table>	Drawing Title		UTILITY PLAN		VA Project No.	Contract No.	437-310	VA263-P-0967 VA263-C-	Building No.	AutoCAD File Name	1	10-084 C2LDWG	<table><tr><td colspan="3">Project Title</td></tr><tr><td colspan="3">VA MEDICAL CENTER BUILDING 1 ADDITIONAL OUTPATIENT TREATMENT SPACE</td></tr><tr><td>Designed By</td><td>Checked By</td><td>Drawn By</td></tr><tr><td>TE</td><td>JM</td><td>TE</td></tr><tr><td colspan="3">Location</td></tr><tr><td colspan="3">VA MEDICAL CENTER FARGO, ND</td></tr></table>	Project Title			VA MEDICAL CENTER BUILDING 1 ADDITIONAL OUTPATIENT TREATMENT SPACE			Designed By	Checked By	Drawn By	TE	JM	TE	Location			VA MEDICAL CENTER FARGO, ND			<table><tr><td>Date</td></tr><tr><td>SEPTEMBER 19, 2011</td></tr><tr><td>AS NOTED</td></tr><tr><td>Drawing No.</td></tr><tr><td>C2</td></tr><tr><td>Dwg. 4 of 83</td></tr></table> <div></div>	Date	SEPTEMBER 19, 2011	AS NOTED	Drawing No.	C2	Dwg. 4 of 83
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
















VA HOSPITAL BUILDING No.9

EX. BUILDING

FIN. FL. 890.23
EX. BUILDING



SYMBOL LEGEND:

- | | |
|---|--|
|  | EXISTING STORM MANHOLE |
|  | EXISTING STORM INLET |
|  | EXISTING SANITARY MANHOLE |
|  | EXISTING ELECTRIC MANHOLE |
|  | EXISTING GATE VALVE |
|  | EXISTING LIGHT POLE |
|  | EXISTING TREE |
|  | EXISTING TRANSFORMER |
|  | EXISTING SPOT ELEVATION (EXAMPLE ELEVATION) |
|  | NEW GATE VALVE |
|  | NEW FIRE HYDRANT |
|  | NEW STORM MANHOLE |
|  | NEW SANITARY MANHOLE |
|  | NEW RIM ELEVATION (EXAMPLE ELEVATION) |
|  | NEW TOP OF PAVEMENT ELEVATION (EXAMPLE ELEVATION) |
|  | NEW GUTTER ELEVATION (EXAMPLE ELEVATION) |
|  | NEW TOP OF CURB ELEVATION (EXAMPLE ELEVATION) |
|  | NEW SIDEWALK ELEVATION (EXAMPLE ELEVATION) |
|  | NEW TOP OF WALL ELEVATION (EXAMPLE ELEVATION) |
|  | MATCH EXISTING ELEVATION |
|  | RELOCATED LIGHT POLE
(SEE ELECTRICAL PLANS FOR DETAILS) |

PLAN NOTES:

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2. CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. NORTH DAKOTA ONE CALL WILL ONLY LOCATE THEIR MAINS AND WILL NOT LOCATE PRIVATE UTILITIES ON THIS SITE. THE VA IS NOT RESPONSIBLE FOR LOCATING ANY ON SITE UTILITIES.
3. CONTRACTOR SHALL ENSURE THAT POSITIVE DRAINAGE IS MAINTAINED DURING ALL CONSTRUCTION PHASES AND THAT STORM WATER RUNOFF DOES NOT IMPACT ANY OF THE SURROUNDING FACILITIES AND OPERATIONS.
4. ALL GRASSED AREAS DISTURBED BY CONSTRUCTION SHALL HAVE TOPSOIL (6" DEPTH), BE GRADED, AND SEEDED.

BENCHMARKS:

1. BM#1: THE SOUTHEAST FLANGE BOLT OF THE FIRE HYDRANT LOCATED IN THE NORTHWEST QUADRANT OF 21ST AVENUE NORTH AND ELM STREET.
ELEV: 902.46 (NAVD 88)
2. BM#2: THE SOUTHEAST FLANGE BOLT OF THE FIRE HYDRANT LOCATED EAST OF ELM STREET AND 21ST AVENUE NORTH ENTRANCE.
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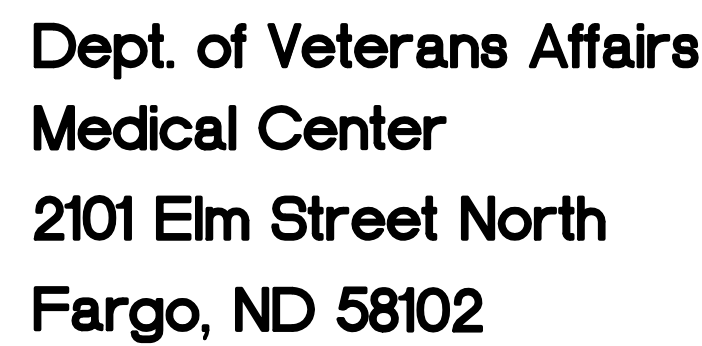
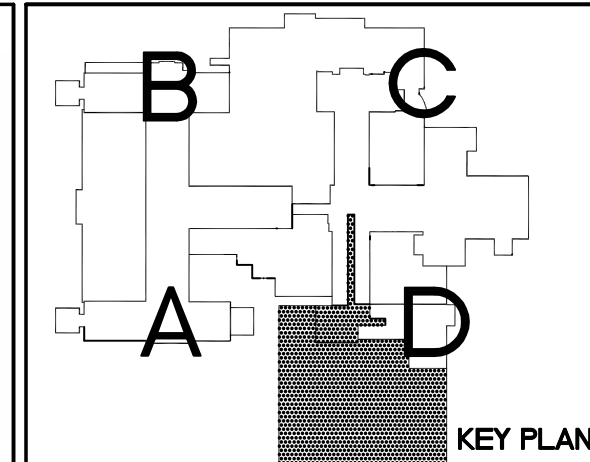



IMAGE GROUP INC., Architecture & Interiors
SOLIEN & LARSON ENGINEERING, Structural Engineers
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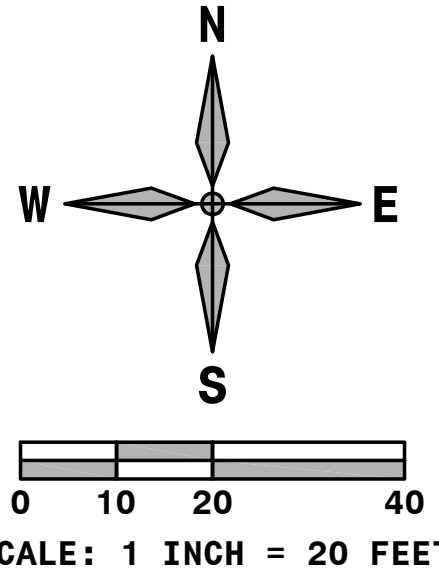
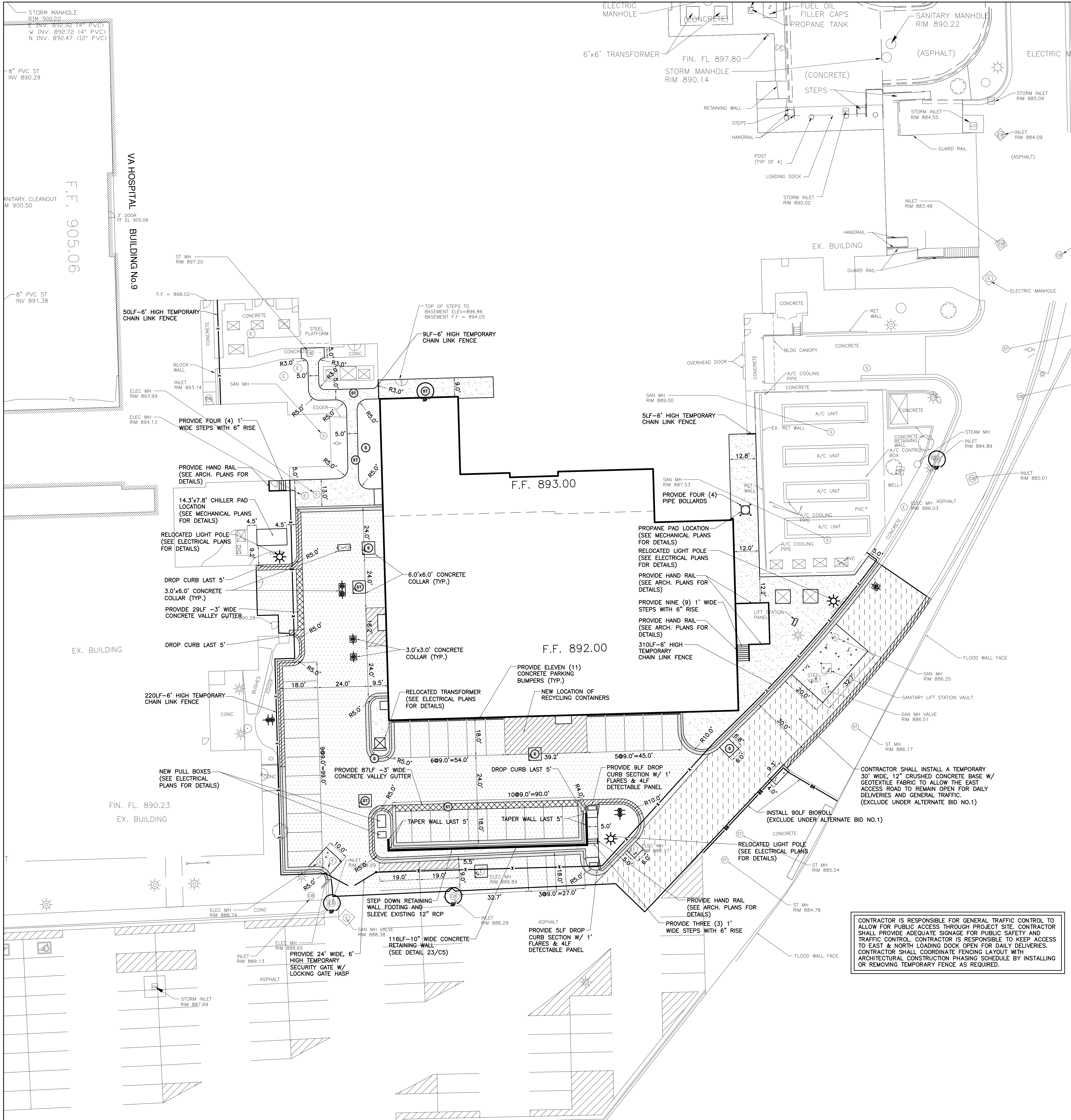


Drawing Title GRADING PLAN		Project Title VA MEDICAL CENTER BUILDING 1 ADDITIONAL OUTPATIENT TREATMENT SPACE			Date SEPTEMBER 19, 2011
					AS NOTED
VA Project No. 437-310	Contract No. VA263-P-0967 VA263-C-	Designed By TE	Checked By JM	Drawn By TE	Drawing No. C3
Building No. 1	AutoCAD File Name 10-084 C3.DWG	Location VA MEDICAL CENTER FARGO, ND			Dwg. 5 of 83

Department of
Veterans Affairs







SYMBOL LEGEND:

- EXISTING STORM MANHOLE
- EXISTING STORM INLET
- EXISTING SANITARY MANHOLE
- EXISTING ELECTRIC MANHOLE
- EXISTING LIGHT POLE
- EXISTING GATE VALVE
- EXISTING TREE
- EXISTING TRANSFORMER
- NEW 4" REINFORCED CONCRETE SIDEWALK
- NEW 6" REINFORCED CONCRETE PAVEMENT
- NEW 6" ASPHALT PAVEMENT
- NEW 12" CRUSHED CONCRETE (EXCLUDE UNDER ALTERNATE BID NO. 1)
- NEW TYPE I MOUNTABLE CURB & GUTTER
- NEW TYPE II MOUNTABLE CURB & GUTTER
- NEW 3" WIDE CONCRETE VALLEY GUTTER
- NEW 10" WIDE CONCRETE RETAINING WALL
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW STORM MANHOLE
- NEW SANITARY MANHOLE
- NEW INLET PROTECTION (EXCLUDE UNDER ALTERNATE BID NO. 1)
- NEW BIO ROLL (EXCLUDE UNDER ALTERNATE BID NO.1)
- NEW TEMPORARY 6' HIGH CHAIN LINK FENCE
- RELOCATED LIGHT POLE (SEE ELECTRICAL PLANS FOR DETAILS)

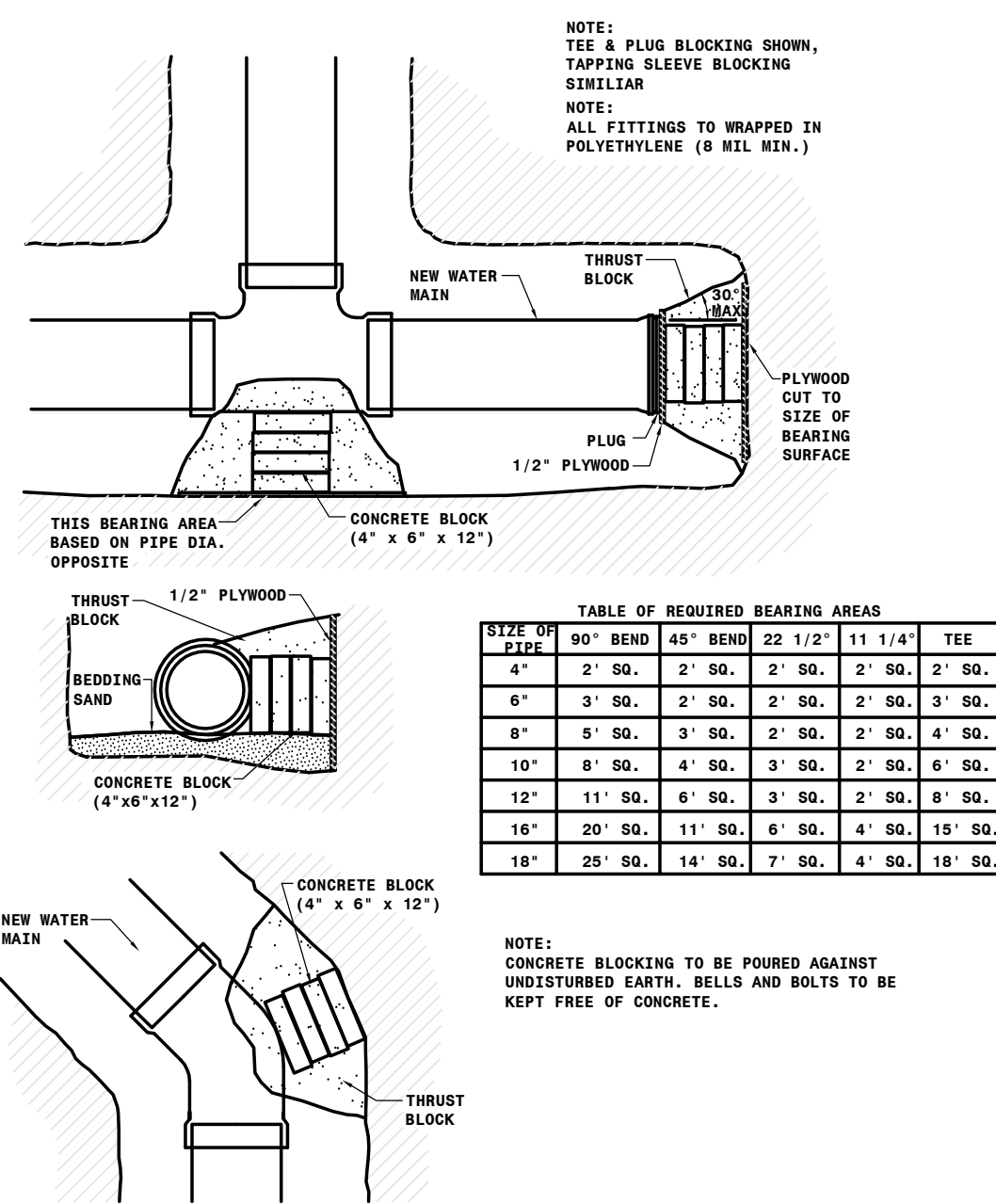
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- ALL GRASSED AREAS DISTURBED BY CONSTRUCTION SHALL HAVE TOPSOIL (6" DEPTH), BE GRADED, AND SEEDED.
- ALL WORK ILLUSTRATED ON THE PAVING PLAN WILL BE INCLUDED UNDER ALTERNATE BID NO.1 UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL BE RESPONSIBLE TO FILL, GRADE, AND MAINTAIN THE TEMPORARY CRUSHED CONCRETE ACCESS ROAD UNTIL FINAL PAVING IMPROVEMENTS ARE INSTALLED.

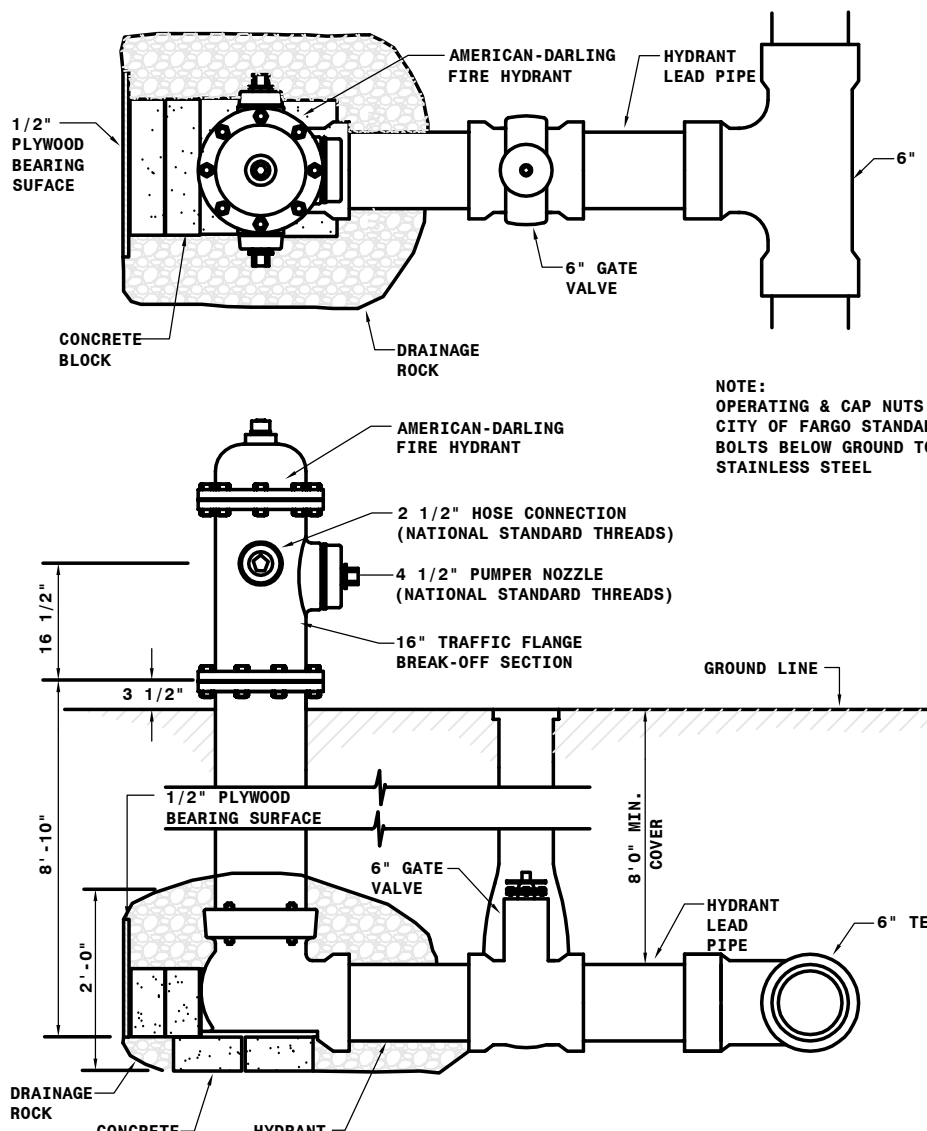
BENCHMARKS:

- BH#1:** THE SOUTHEAST FLANGE BOLT OF THE FIRE HYDRANT LOCATED IN THE NORTHWEST QUADRANT OF 21ST AVENUE NORTH AND ELM STREET. ELEV: 902.46 (NAVD 88)
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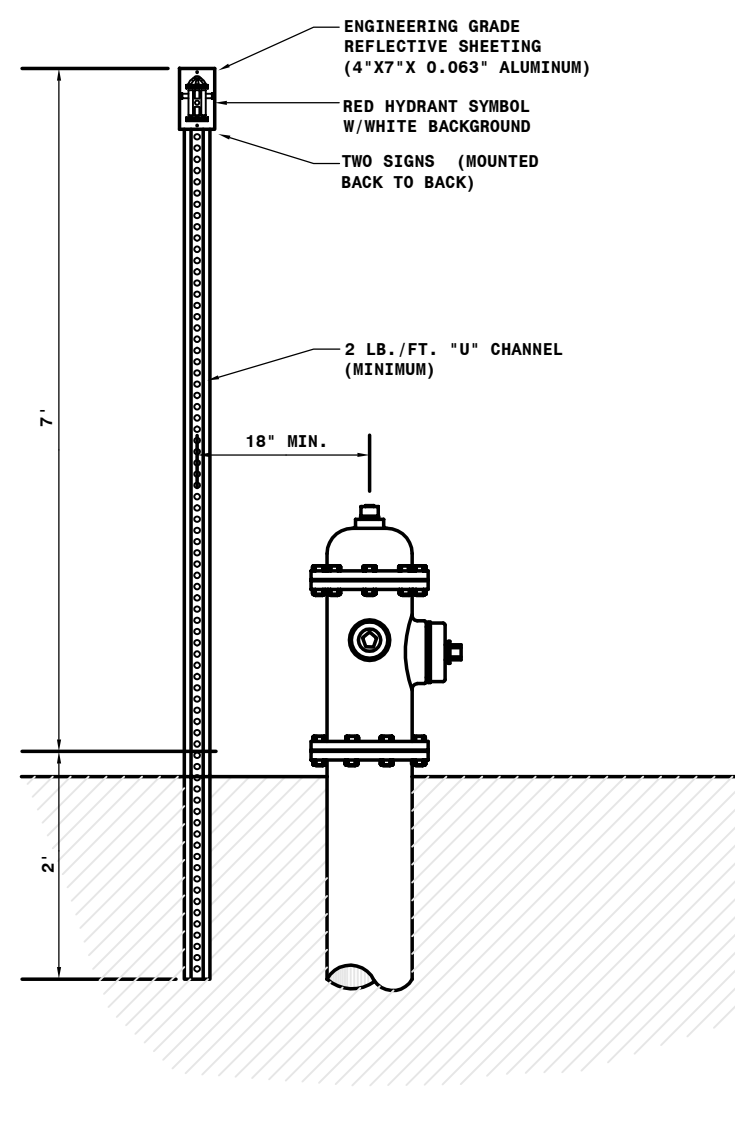
CONTRACTOR IS RESPONSIBLE FOR GENERAL TRAFFIC CONTROL TO ALLOW FOR PUBLIC ACCESS THROUGH PROJECT SITE. CONTRACTOR SHALL PROVIDE ADEQUATE SIGNAGE FOR PUBLIC SAFETY AND TRAFFIC CONTROL. CONTRACTOR IS RESPONSIBLE TO KEEP ACCESS TO EAST & NORTH LOADING DOCK OPEN FOR DAILY DELIVERIES. CONTRACTOR SHALL COORDINATE FENCING LAYOUT WITH ARCHITECTURAL CONSTRUCTION PHASING SCHEDULE BY INSTALLING OR REMOVING TEMPORARY FENCE AS REQUIRED.



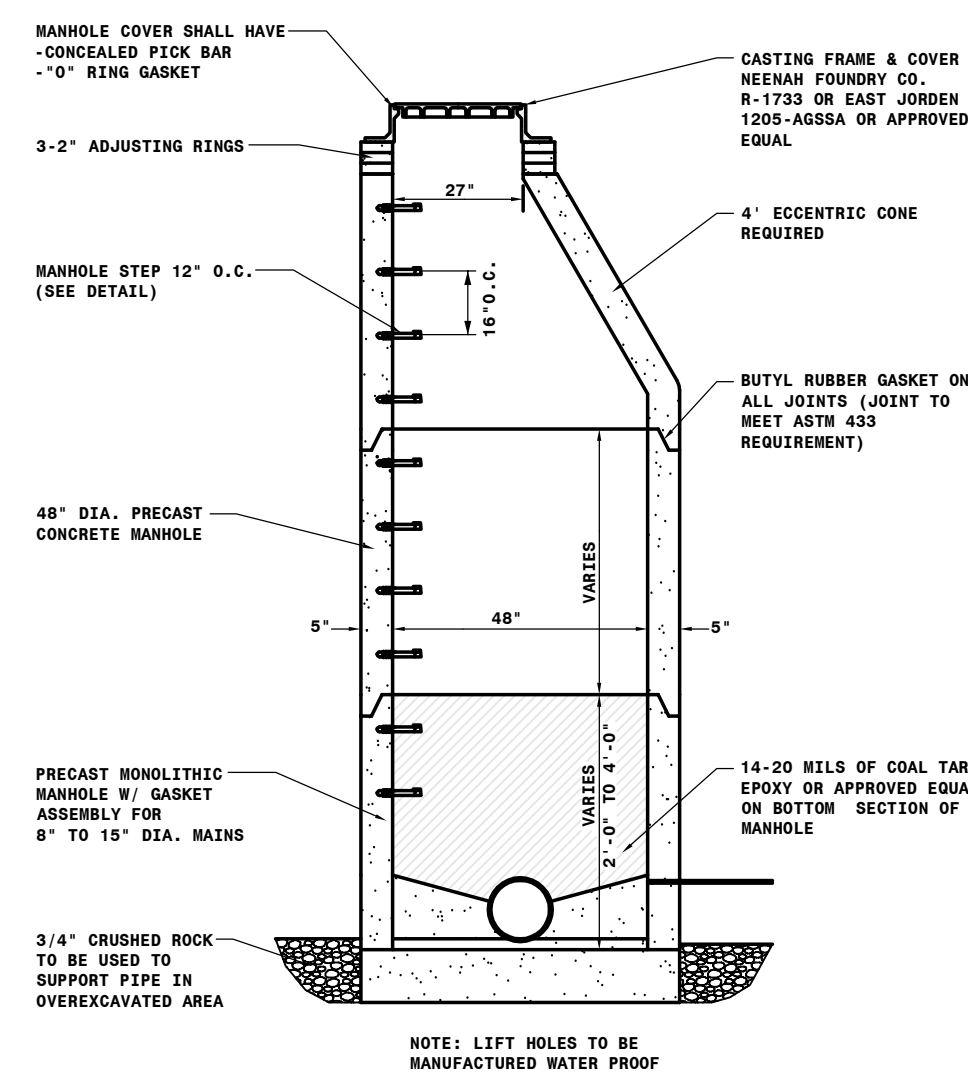
1 WATER MAIN THRUST BLOCKING DETAIL
CS NOT-TO-SCALE



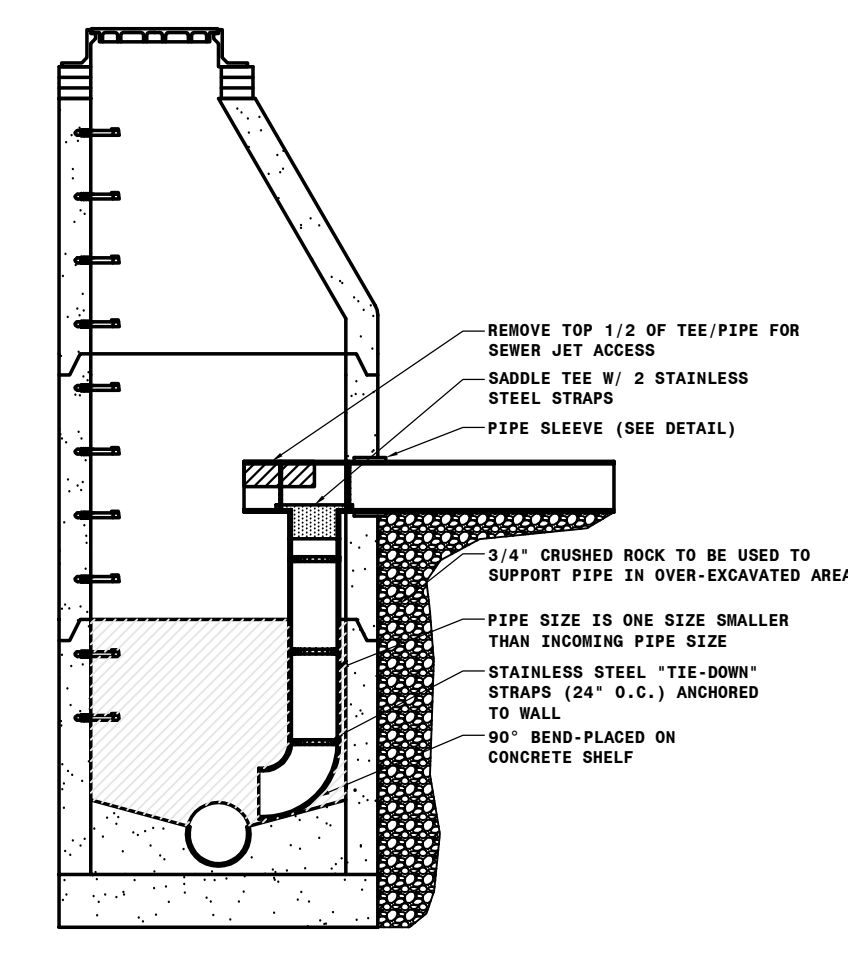
2 AMERICAN DARLING HYDRANT DETAIL
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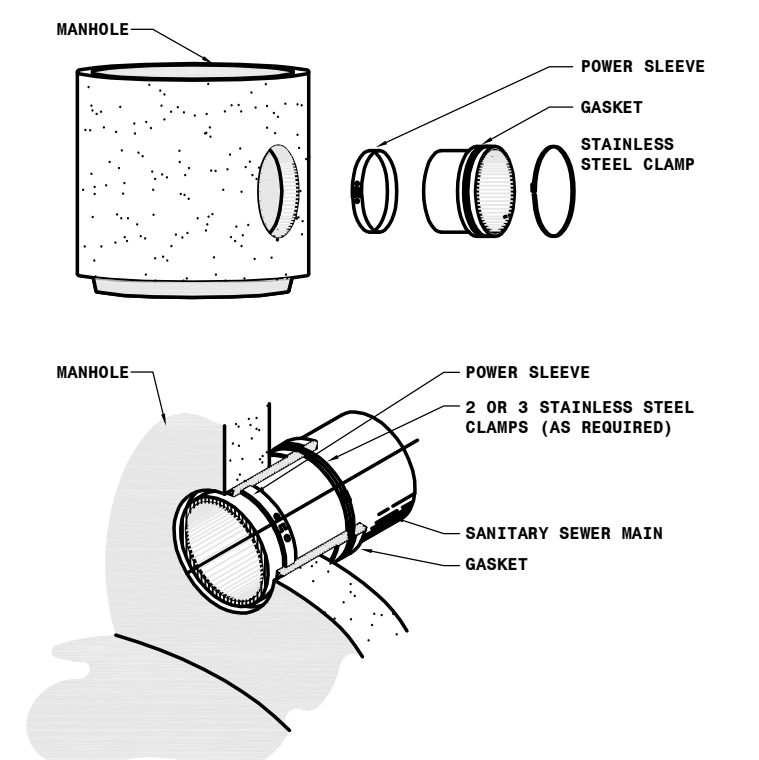
3 HYDRANT MARKER DETAIL
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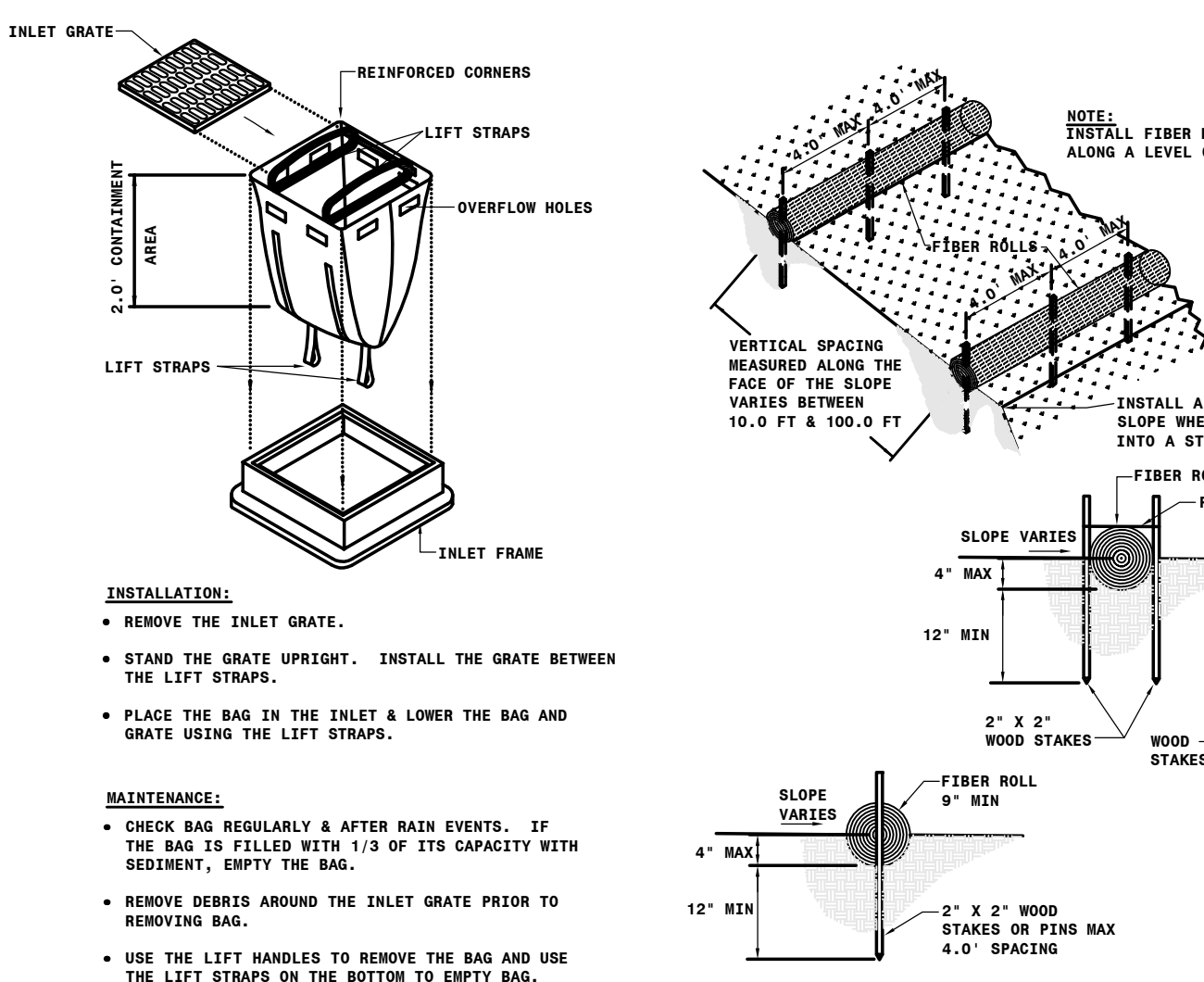
4 SANITARY SEWER MANHOLE (48") DETAIL
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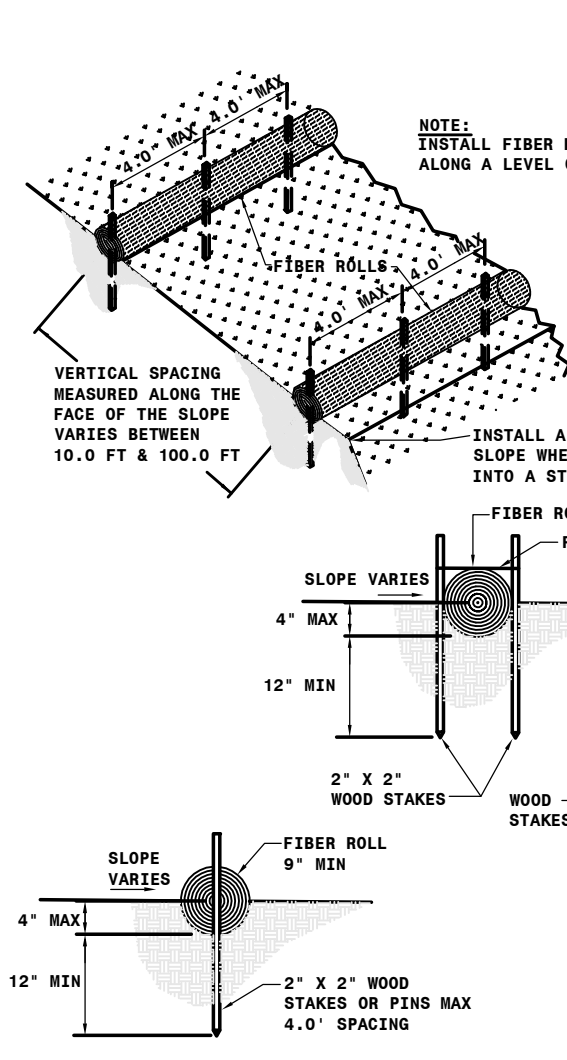
5 SANITARY SEWER MANHOLE (INTERIOR DROP CONNECTION) DETAIL
CS NOT-TO-SCALE



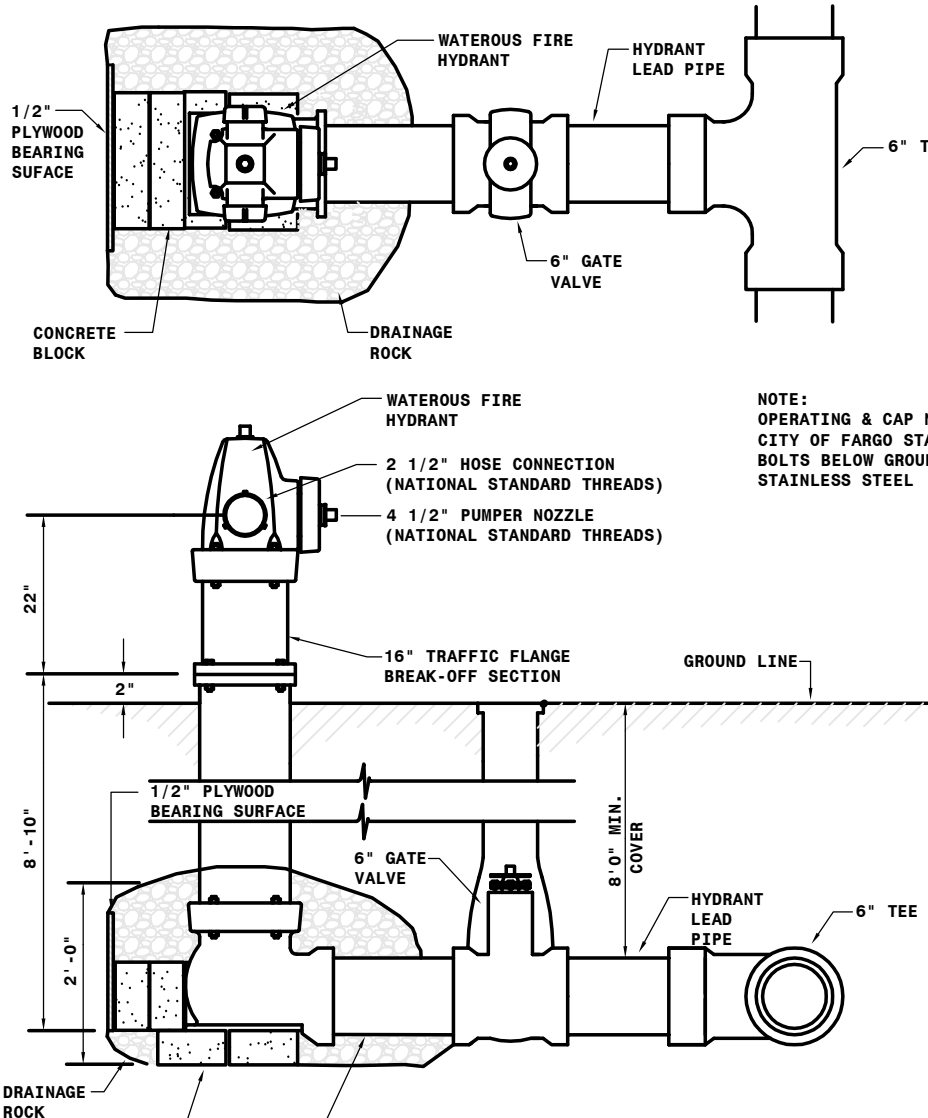
6 PIPE SLEEVE DETAIL
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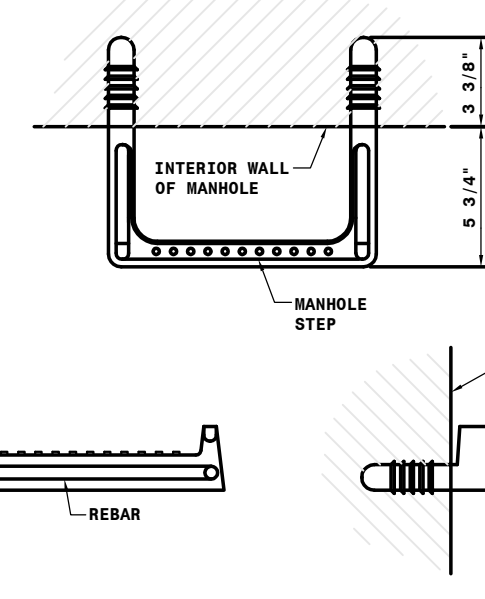
7 INLET PROTECTION DETAIL
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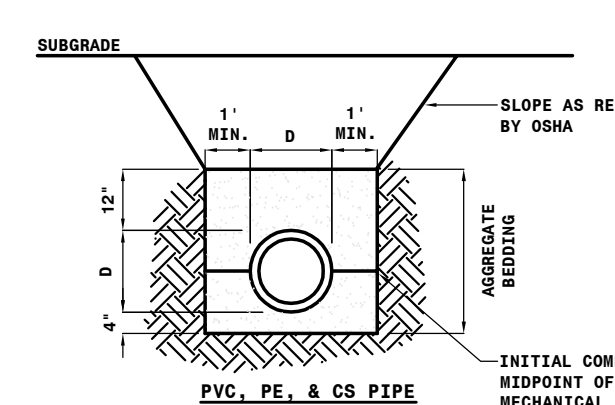
8 BIOROLL DETAIL
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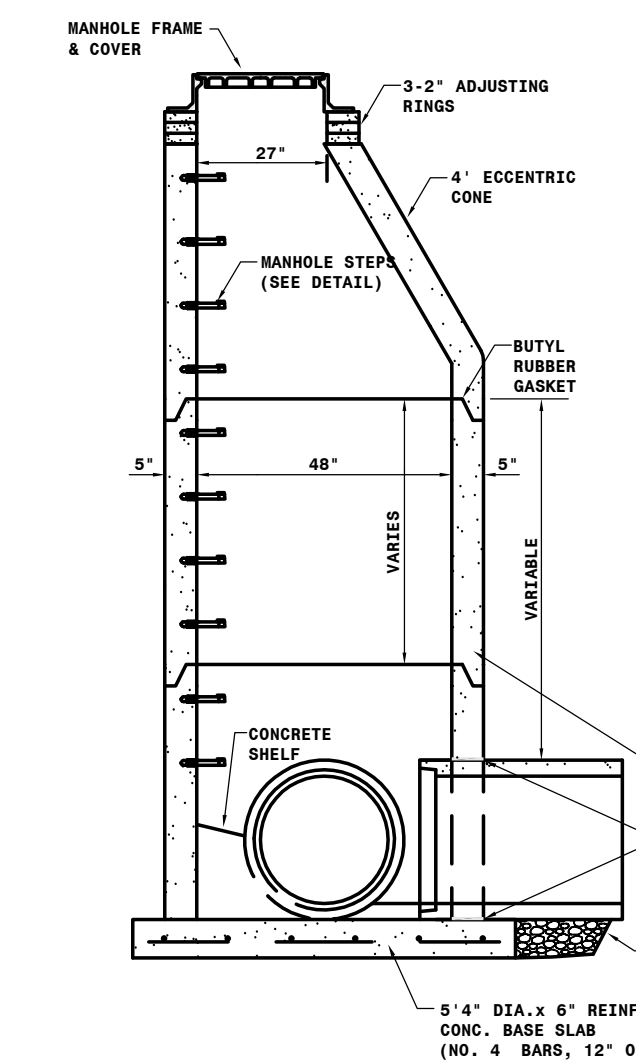
9 WATEROUS HYDRANT DETAIL
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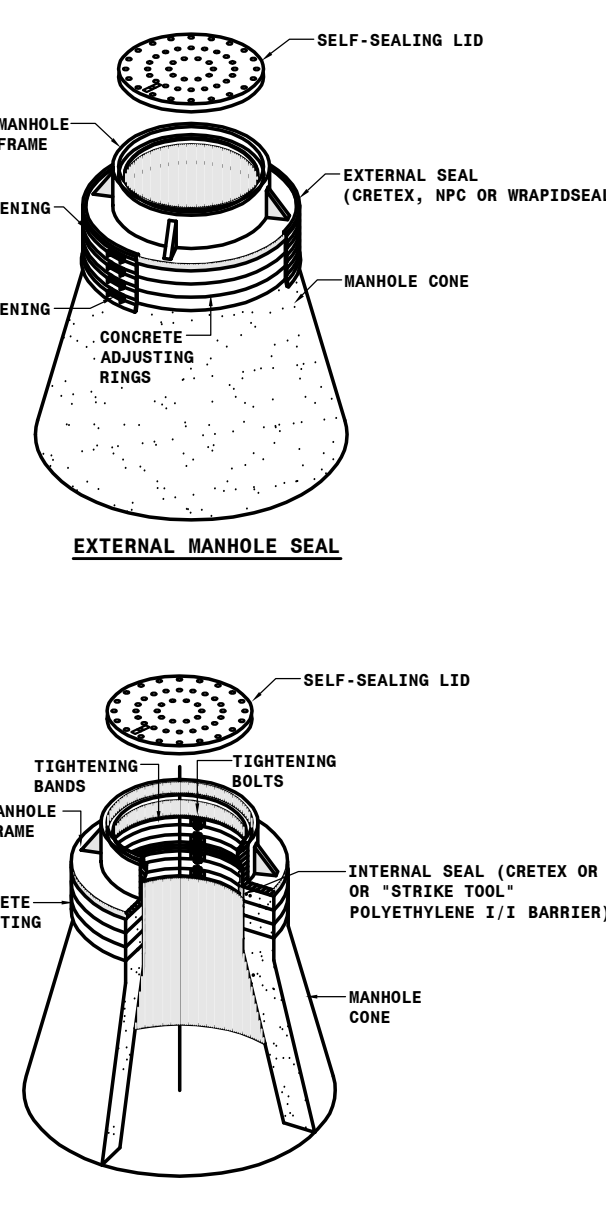
10 MANHOLE STEP DETAIL
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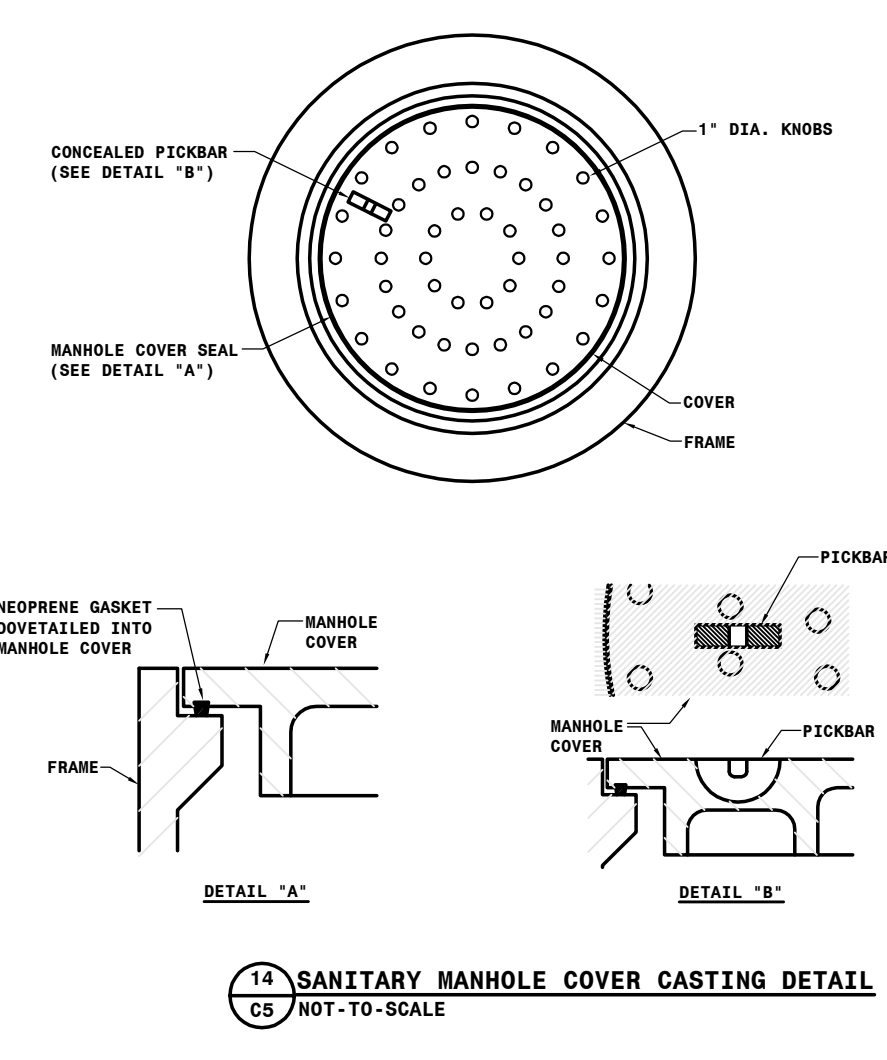
11 AGGREGATE BEDDING DETAIL
CS NOT-TO-SCALE



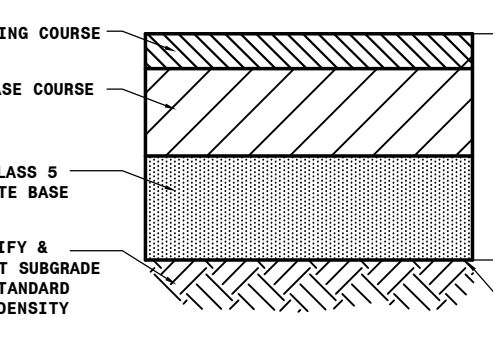
12 STORM MANHOLE (48") DETAIL
CS NOT-TO-SCALE



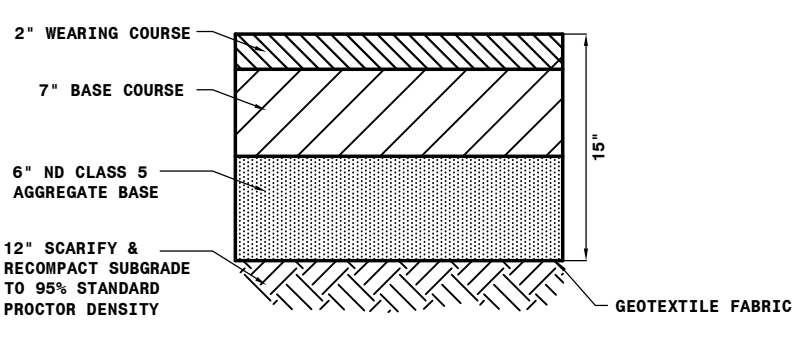
13 SANITARY MANHOLE SEALS DETAIL
CS NOT-TO-SCALE



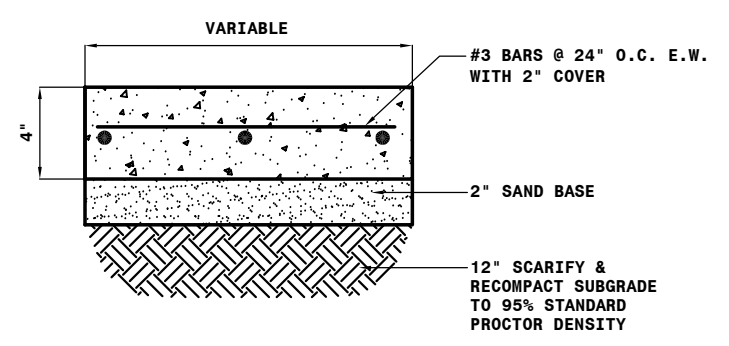
14 SANITARY MANHOLE COVER CASTING DETAIL
CS NOT-TO-SCALE



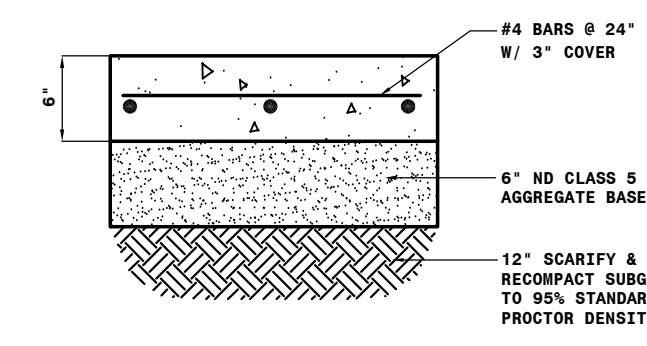
15 6" ASPHALT PAVEMENT DETAIL
CS NOT-TO-SCALE



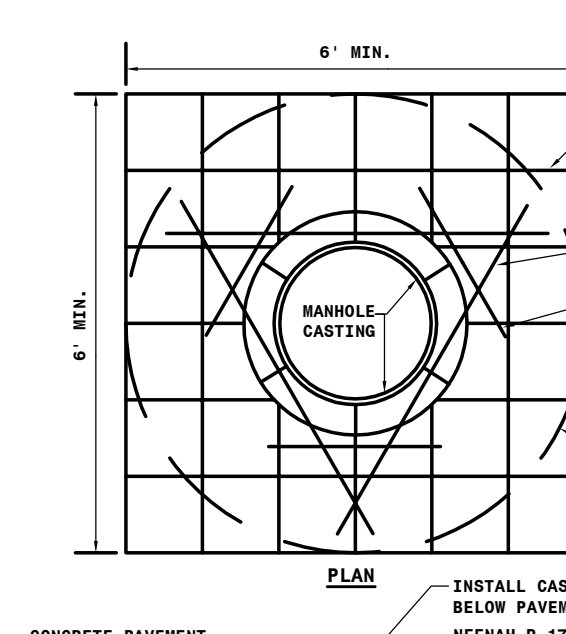
16 9" ASPHALT PAVEMENT DETAIL
CS NOT-TO-SCALE



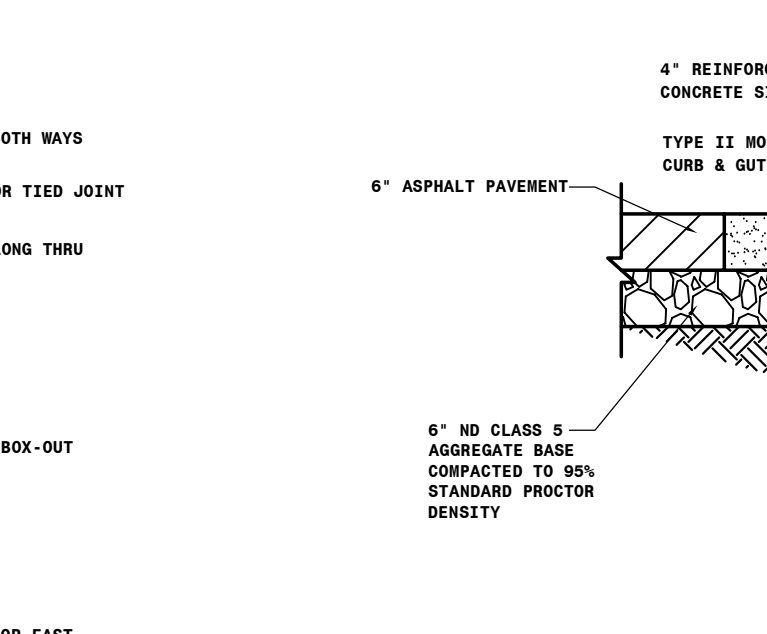
17 4" REINFORCED CONCRETE SIDEWALK DETAIL
CS NOT-TO-SCALE



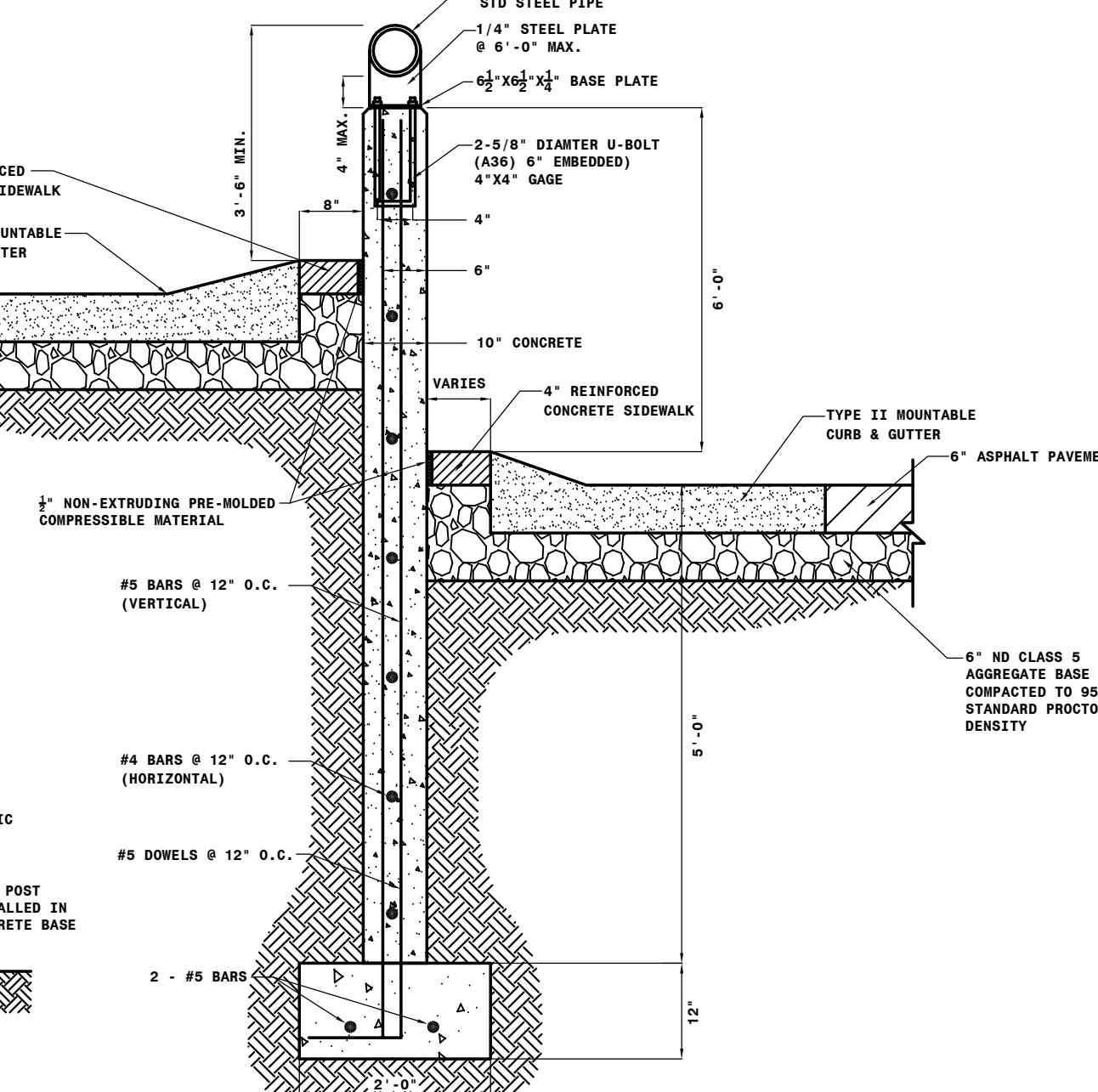
18 6" REINFORCED CONCRETE PAVEMENT DETAIL
CS NOT-TO-SCALE



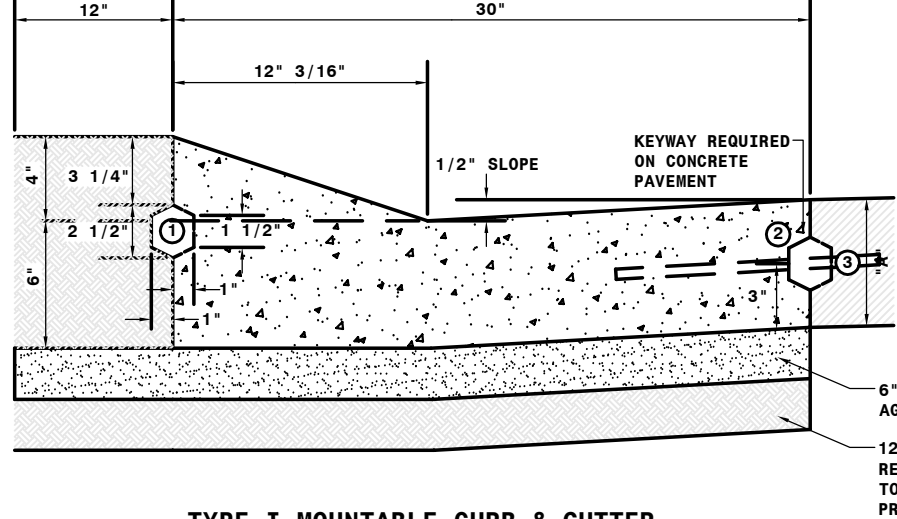
19 TYPICAL MANHOLE ISOLATION DETAIL
CS NOT-TO-SCALE



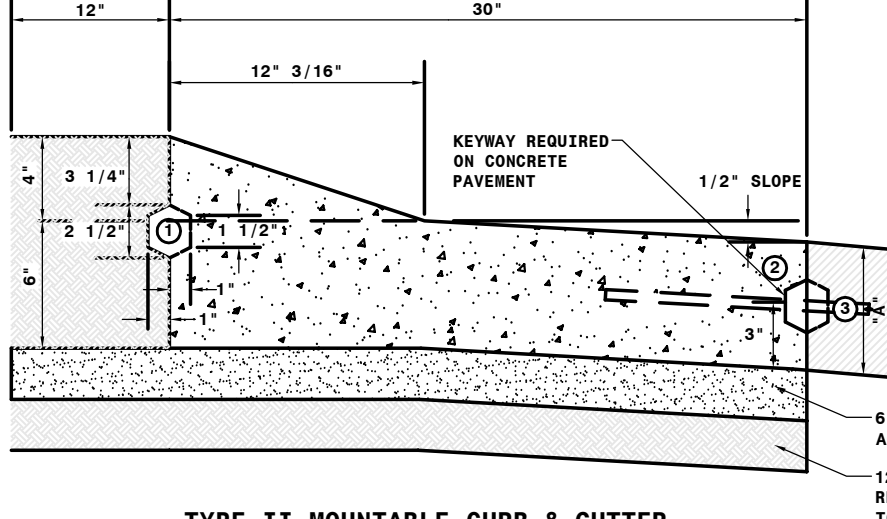
20 6' HIGH TEMPORARY CHAIN LINK FENCE
CS NOT-TO-SCALE



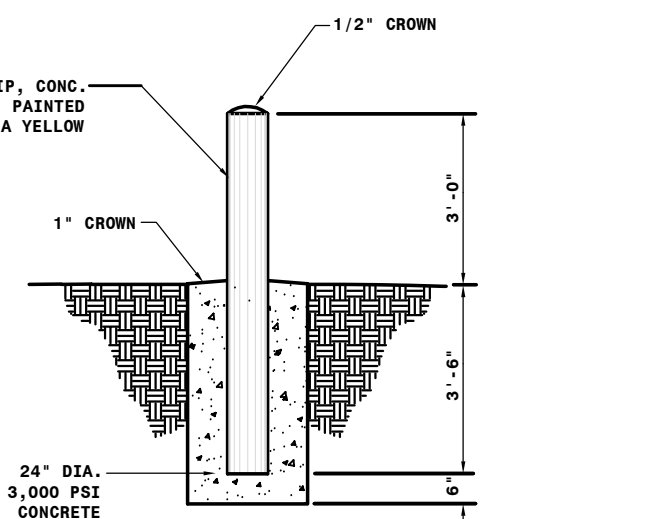
21 8" WIDE CONCRETE RETAINING WALL DETAIL
CS NOT-TO-SCALE



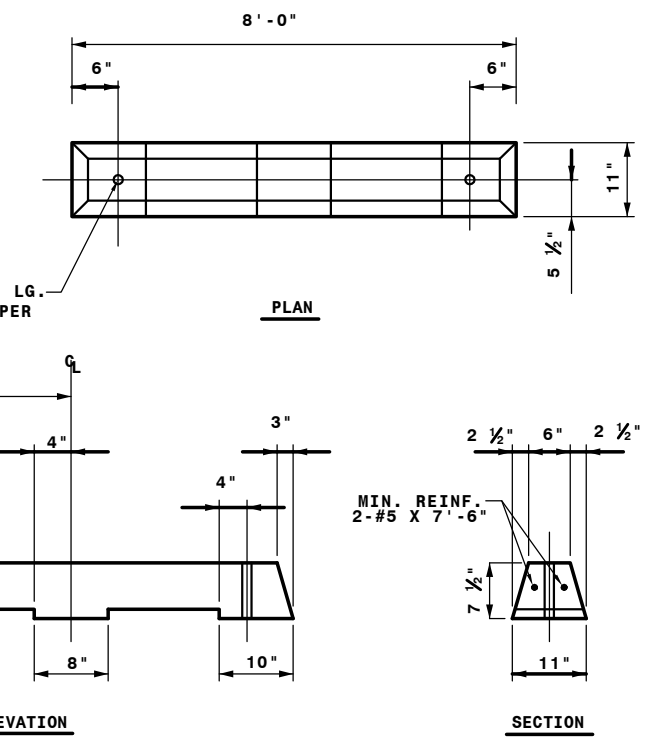
22 TYPE I MOUNTABLE CURB & GUTTER



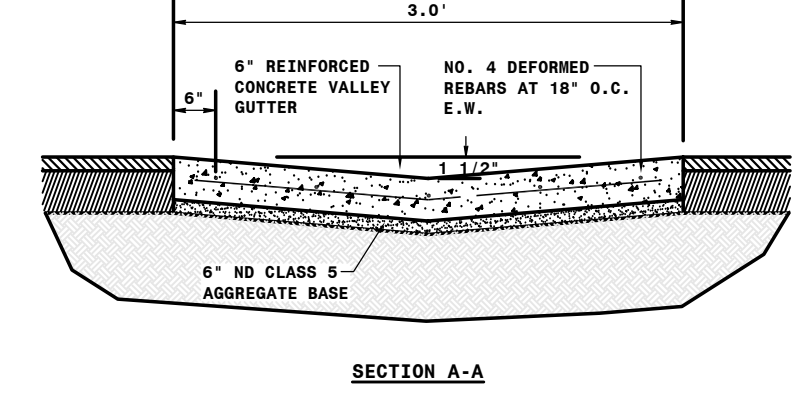
23 TYPE II MOUNTABLE CURB & GUTTER



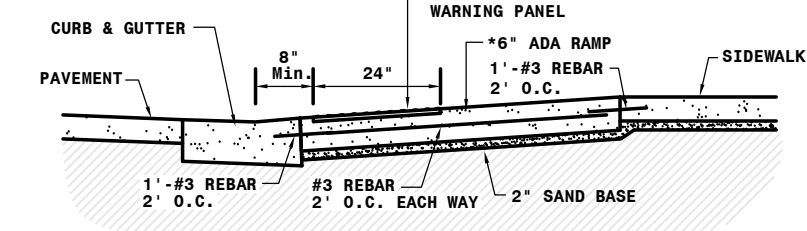
24 CONCRETE PIPE BOLLARD DETAIL
CS NOT-TO-SCALE



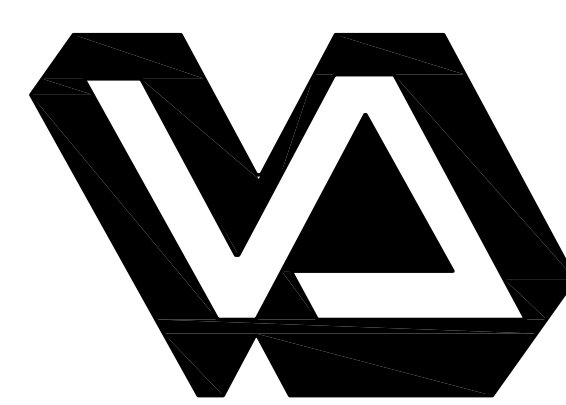
25 CONCRETE PARKING BUMPER DETAIL
CS NOT-TO-SCALE



26 3' WIDE CONCRETE VALLEY GUTTER DETAIL
CS NOT-TO-SCALE



27 ADA RAMP DETAIL
CS NOT-TO-SCALE



Dept. of Veterans Affairs
Medical Center
2101 Elm Street North
Fargo, ND 58102

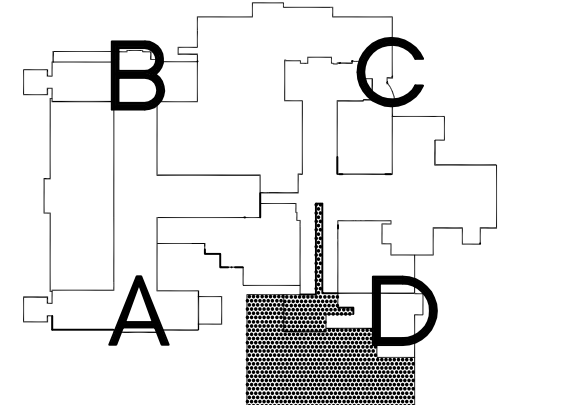


IMAGE GROUP INC.
403 CENTER AVENUE, SUITE 300
MOORHEAD, MN 56560

IMAGE GROUP INC., Architecture & Interiors
SOLLEN & LARSON ENGINEERING, Structural Engineers
OBERMILLER NELSON ENGINEERING, Mechanical Engineers
MBN ENGINEERS, Civil & Electrical Engineers
TRIO ENVIRONMENTAL, Environmental Consultants



MBN ENGINEERS
MECHANICAL, ELECTRICAL, CIVIL
303 7th St. N. Suite 200
FARGO, ND 58102
PHONE: 701.478.1234
FAX: 701.478.2340



Drawing Title		Project Title		Date	
DETAILS		VA MEDICAL CENTER BUILDING 1 ADDITIONAL OUTPATIENT TREATMENT SPACE		SEPTEMBER 19, 2011	
VA Project No. 437-310		Contract No. VA263-P-0967 VA263-C-		AS NOTED	
Building No. 1		AutoCAD File Name 10-084 C5DWG		Drawing No. C5	
Designed By TE		Checked By JM		Dwg. 7 of 83	
Location VA MEDICAL CENTER FARGO, ND		Drawn By TE			