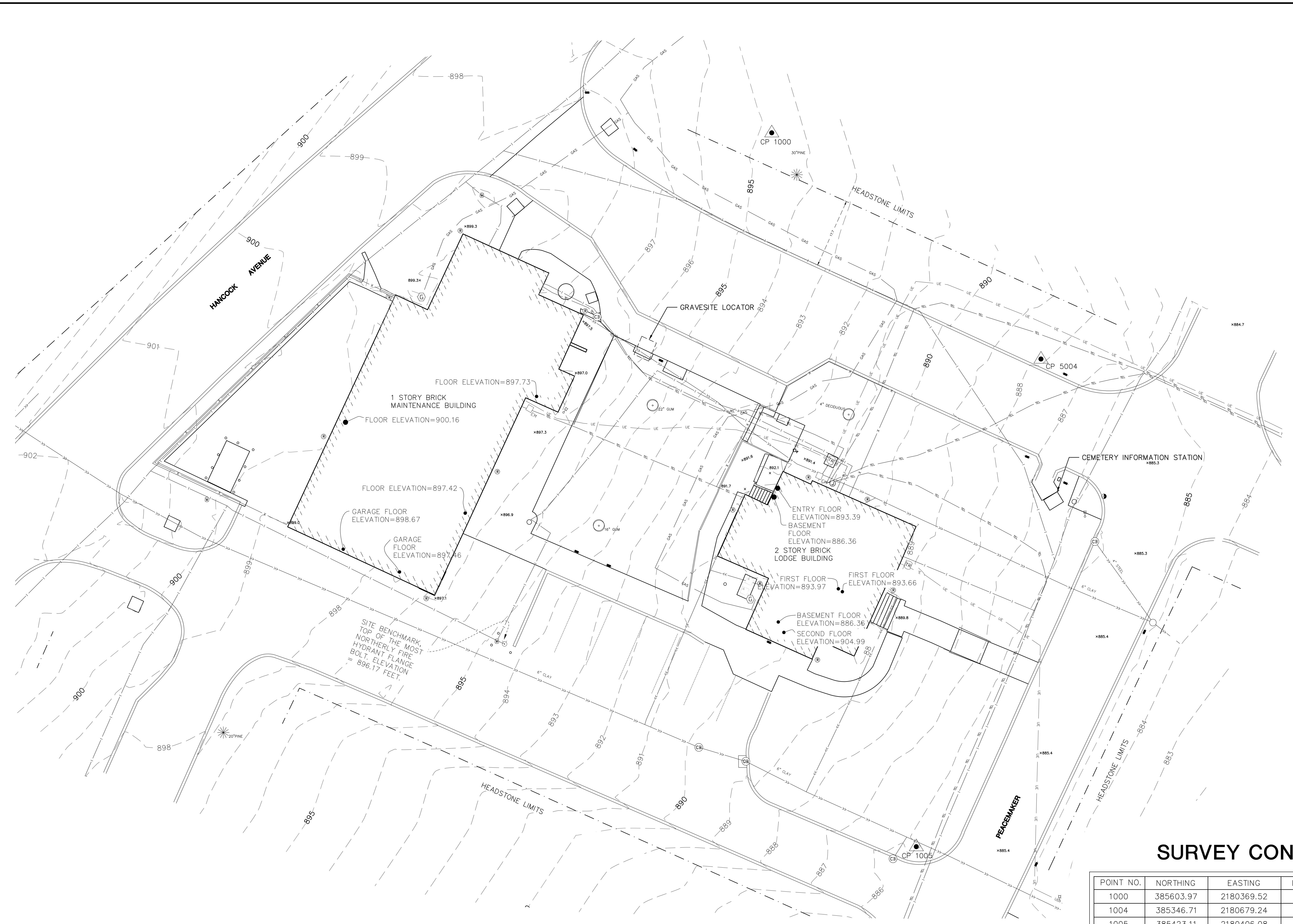


LEGEND

- AIR CONDITIONER
- CULVERT
- CATCH BASIN
- CONTROL POINT
- COMMUNICATION JUNCTION BOX
- ELECTRIC BOX
- ELECTRIC OUTLET POST
- ELECTRIC METER
- FLAG POLE
- GAS METER
- GUARD POST
- HYDRANT
- LIGHT POLE
- MANHOLE
- STORM MANHOLE
- SIGN
- STOP BOX
- WATER VALVE
- ROOF DRAIN
- CONIFEROUS TREE
- DECIDUOUS TREE
- FENCE
- GAS MAIN
- OVERHEAD WIRES
- SANITARY SEWER
- STORM SEWER
- TELEPHONE
- UNDERGROUND ELECTRIC
- WATER MAIN
- HEADSTONE LIMITS



SURVEY CONTROL POINTS

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1000	385603.97	2180369.52	894.82	SET 5/8 INCH REBAR WITH CAP
1004	385346.71	2180679.24	869.78	SET 5/8 INCH REBAR WITH CAP
1005	385423.11	2180406.08	885.88	SET 5/8 INCH REBAR WITH CAP
5004	385546.66	2180437.74	888.12	SET 5/8 INCH REBAR WITH CAP

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No.	Revisions	Date

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 PRINT NAME: ERIC SAUTBINE
 SIGNATURE: *Eric Sautbine*
 DATE: 02/25/2016 LICENSE # 51396

ARCHITECT/ENGINEERS:
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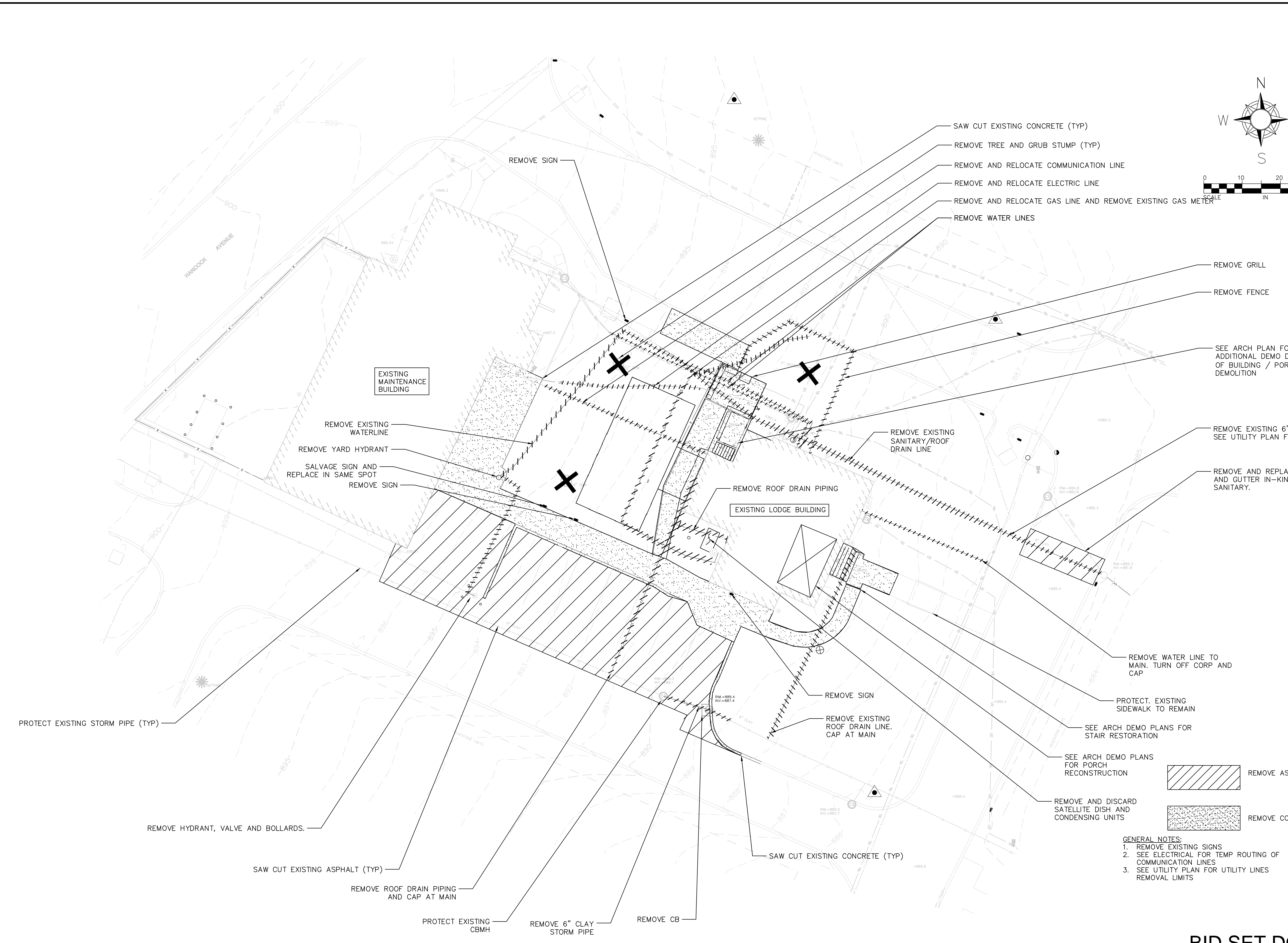
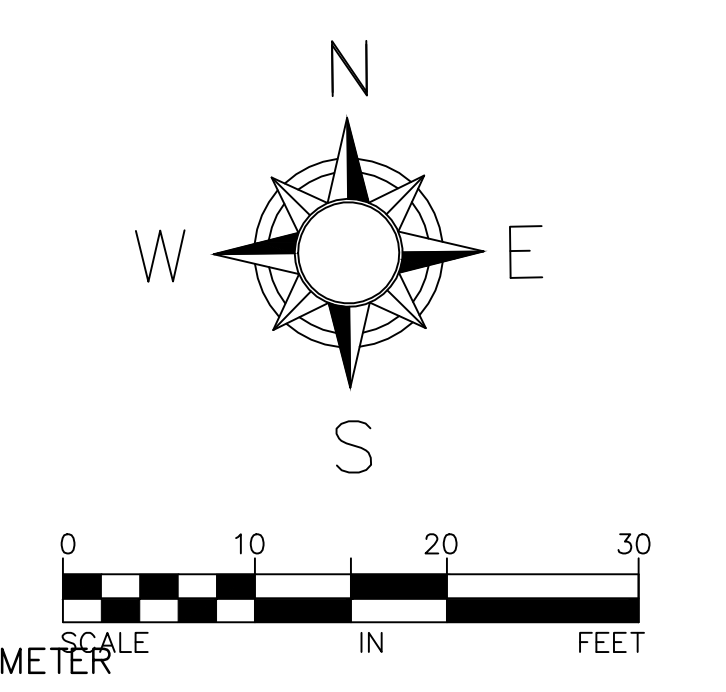
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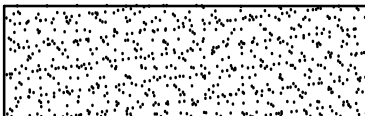
Project Title
LODGE REHABILITATION
 Location
 FT LEAVENWORTH NATIONAL CEMETERY
 LEAVENWORTH, KS
 Date
 02-25-2016
 Checked
 GJJ
 Drawn
 EMS

Project Number
 887CM3005
 Building Number
 Drawing Number
B1.01
 Dwg. 2 of 67

Office of Construction and Facilities Management
 U.S. Department of Veterans Affairs

three inches=one foot
one and one half inches=one foot
one inch=one foot
one quarter inch=one foot
one half inch=one foot
three eighths inch=one foot
one eighth inch=one foot
one sixteenth inch=one foot



 REMOVE ASPHALT
 REMOVE CONCRETE

- GENERAL NOTES:**
1. REMOVE EXISTING SIGNS
2. SEE ELECTRICAL FOR TEMP ROUTING OF COMMUNICATION LINES
3. SEE UTILITY PLAN FOR UTILITY LINES REMOVAL LIMITS

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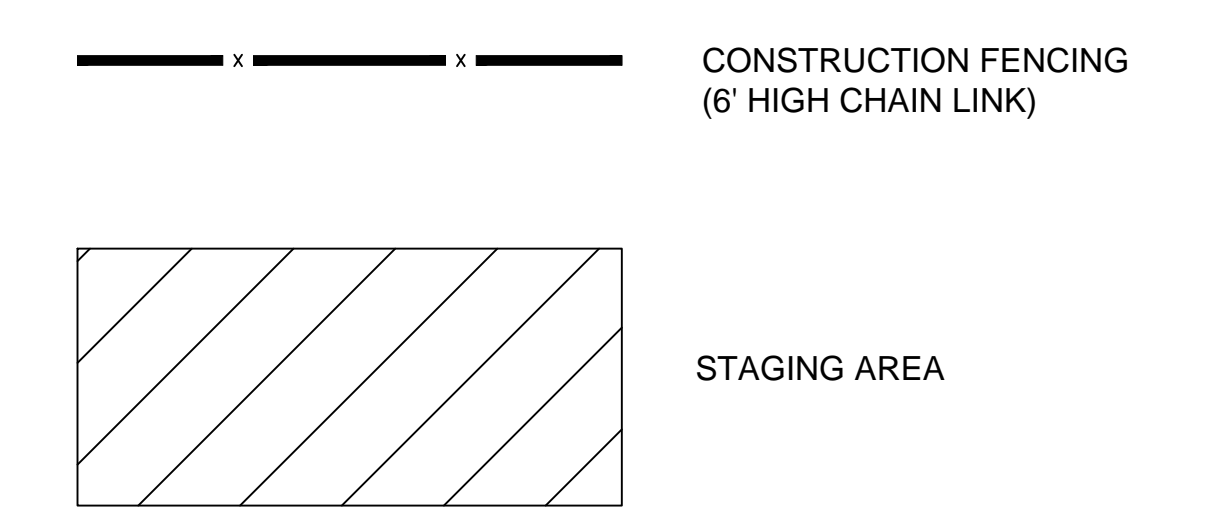
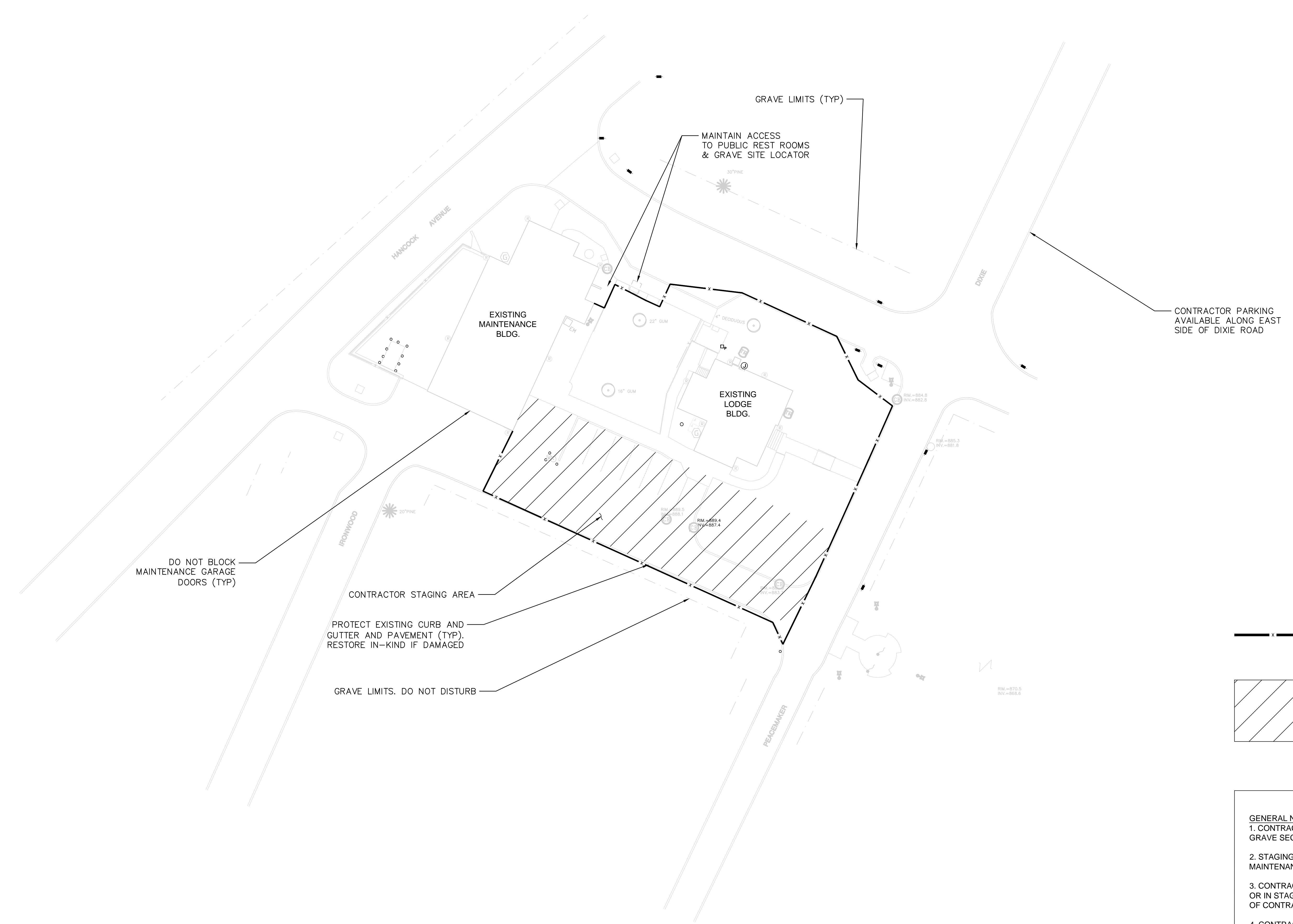
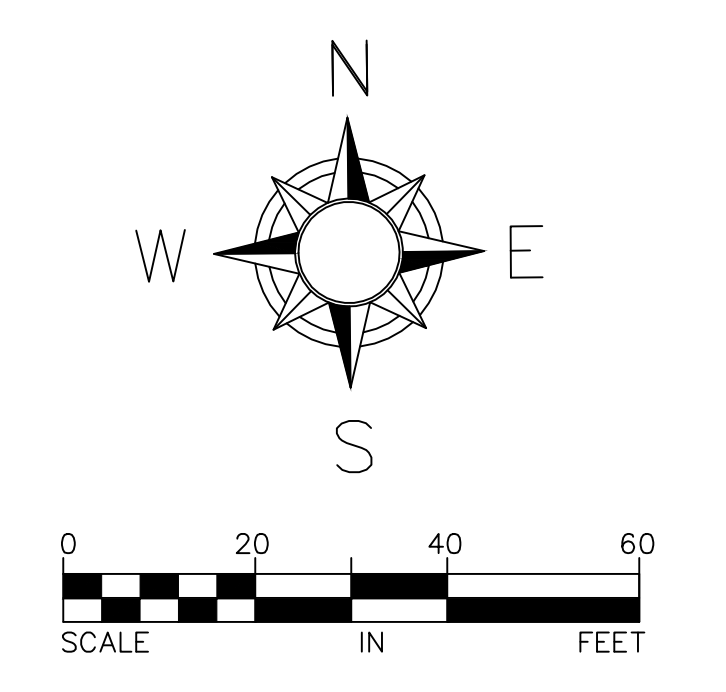
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SITE DEMOLITION PLAN
Approved: Project Director

Project Title
LODGE REHABILITATION
Location
FT LEAVENWORTH NATIONAL CEMETERY
LEAVENWORTH, KS
Date
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GJJ
Drawn
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Project Number
887CM3005
Building Number

Drawing Number
D1.01
Dwg. 3 of 67

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GENERAL NOTES:
1. CONTRACTOR SHALL NOT DISTURB ANY AREAS NEAR GRAVE SECTIONS
2. STAGING AREA SHALL NOT INTERFERE WITH MAINTENANCE OPERATIONS
3. CONTRACTOR(S) SHALL PARK ONLY ALONG DIXIE ROAD OR IN STAGING AREA. ALL OTHER ROADS ARE TO BE FREE OF CONTRACTOR(S) VEHICLES.
4. CONTRACTOR TO RESTORE ALL DISTURBED AREAS IN-KIND AT NO COST TO THE NCA/VA.

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Table with 2 columns: No. Revisions, Date

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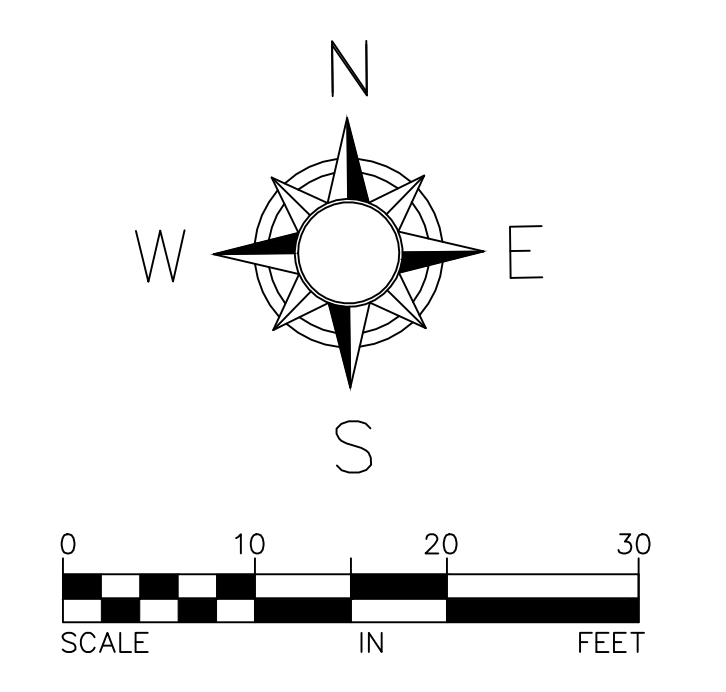
Drawing Title
STAGING AREA
Approved: Project Director

Project Title
LODGE REHABILITATION
Location
FT LEAVENWORTH NATIONAL CEMETERY
LEAVENWORTH, KS
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02-25-2016
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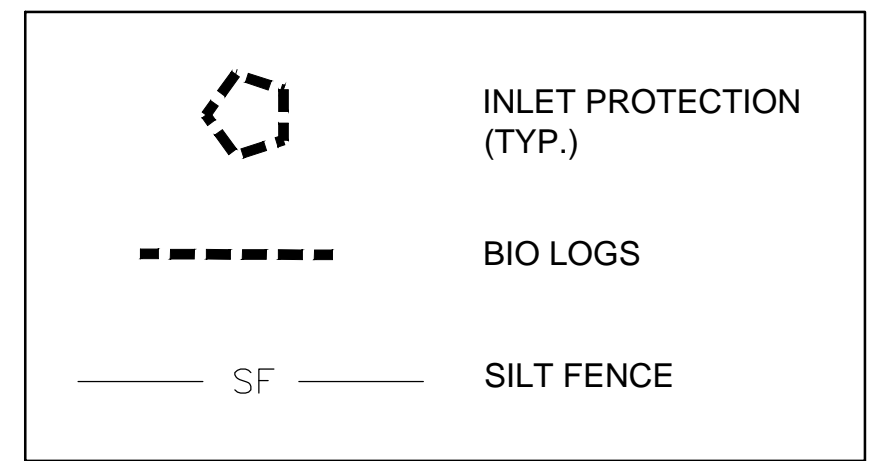
Project Number
887CM3005
Building Number
Drawing Number
L1.01
Dwg. 4 of 67

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one inch=one foot
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one half inch=one foot
one quarter inch=one foot
one eighth inch=one foot
one sixteenth inch=one foot
one thirty second inch=one foot
one sixty fourth inch=one foot



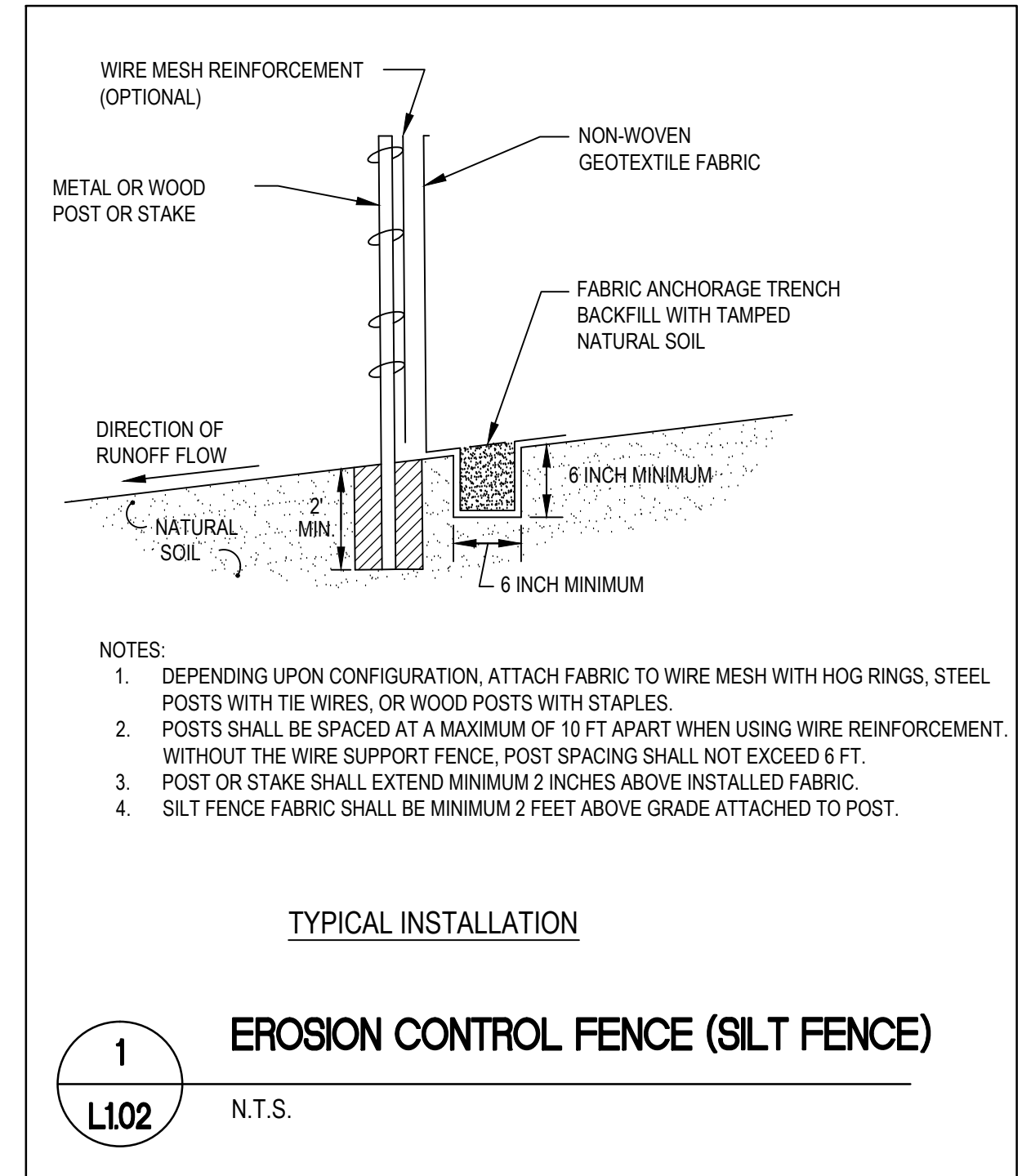
- GENERAL NOTES:**
1. CONTRACTOR SHALL SWEEP STREETS AS NEEDED TO REMOVE SEDIMENT TRACKED BY CONSTRUCTION VEHICLES. COST FOR STREET SWEEPING IS INCIDENTAL TO CONTRACT.
 2. CONTRACTOR SHALL INSTALL AND MAINTAIN ADDITIONAL EROSION CONTROL BMP'S, OUTSIDE OF WHAT IS SHOWN, AS NEEDED, AT NO ADDITIONAL COST TO VA.



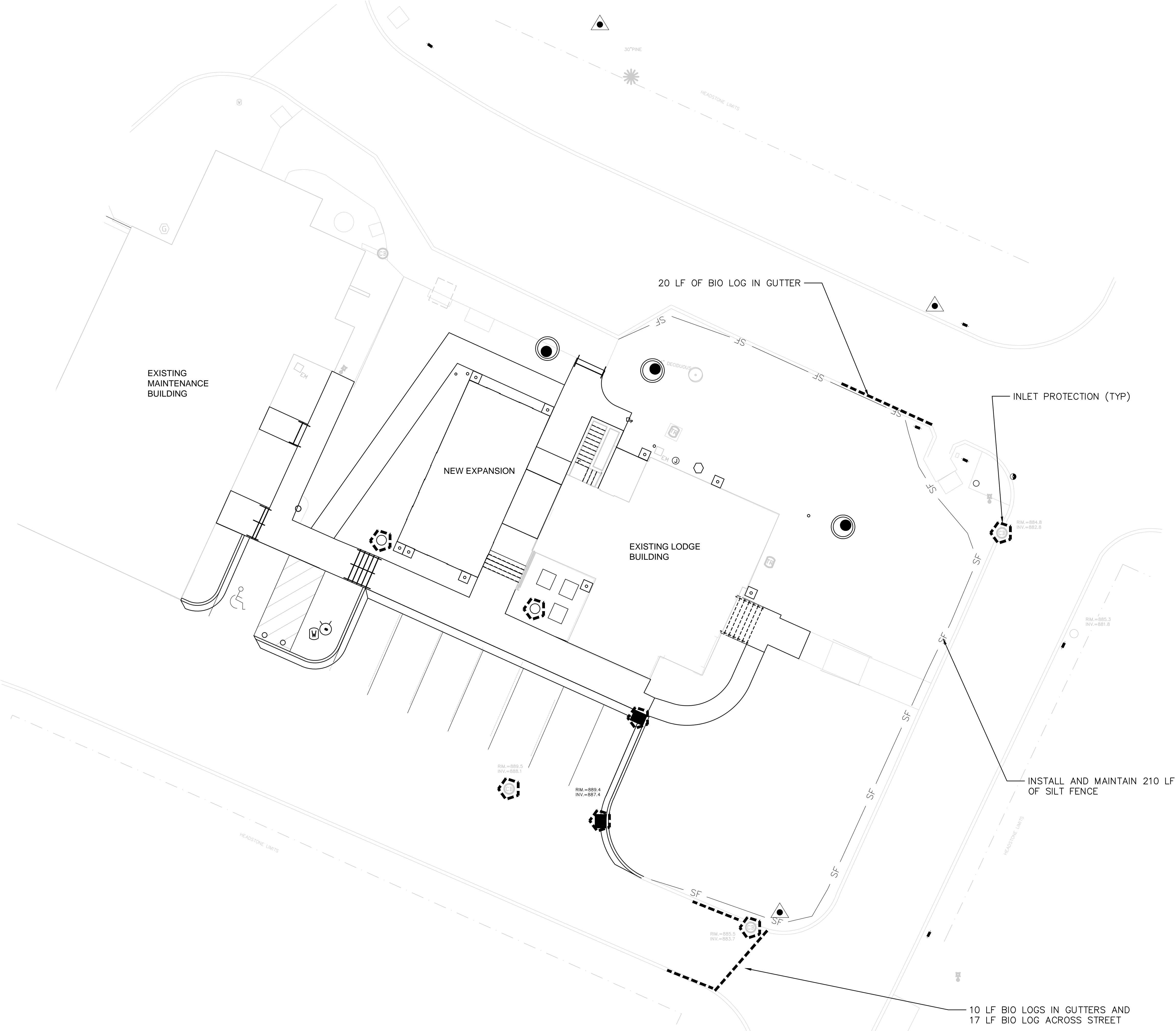
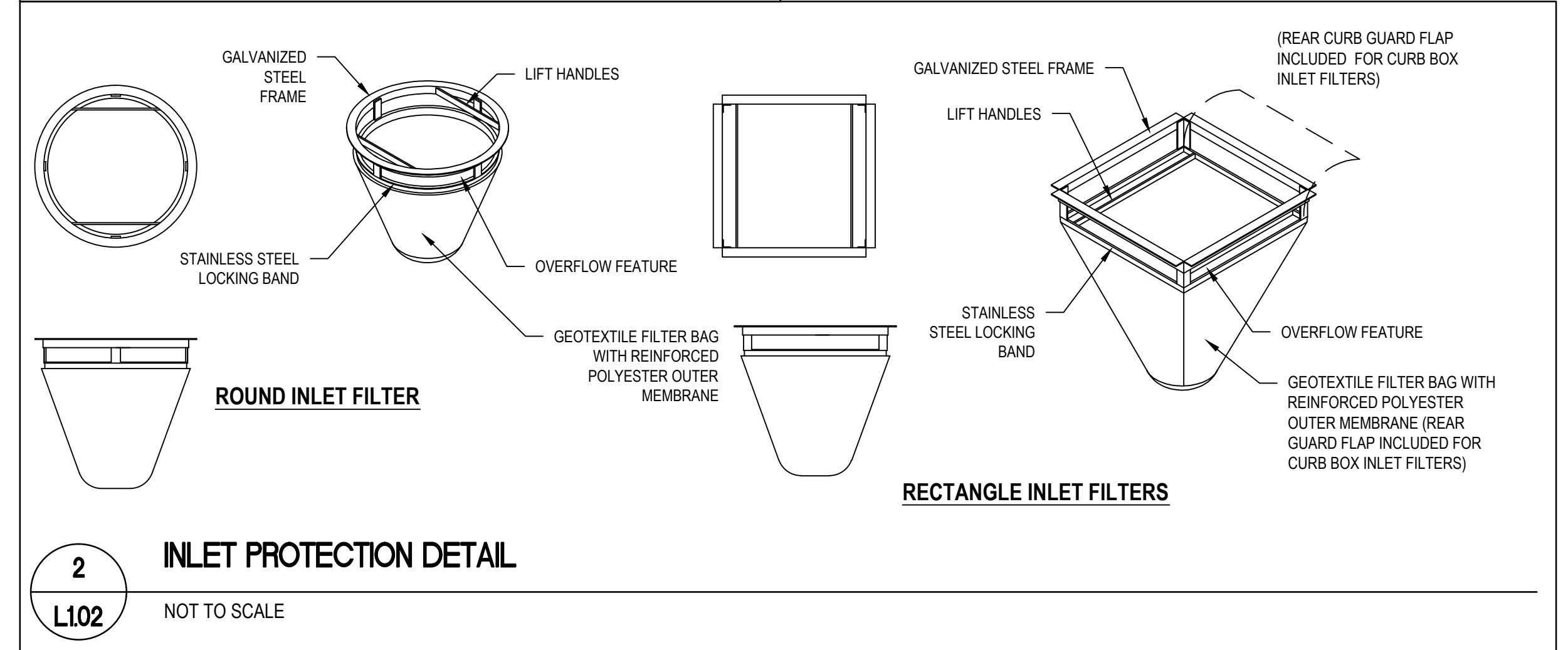
EROSION AND SEDIMENT CONTROL PLAN NOTES:

1. GRADING CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF ALL UNDERGROUND UTILITIES WITH THE RESPECTIVE UTILITY COMPANIES.
 2. GRADING CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL EROSION CONTROL MEASURES IN ACCORDANCE WITH CITY AND LOCAL WATERBED REQUIREMENTS. GRADING CONTRACTOR SHALL IMPLEMENT ANY ADDITIONAL EROSION CONTROL MEASURES AS MAY BE REQUIRED TO PROTECT ADJACENT PROPERTY.
 3. ALL DISTURBED AREAS EXCEPT AREAS TO BE PLANTED AND/OR SPECIALLY DESIGNED BY A LANDSCAPE PLAN SHALL BE COVERED WITH A MINIMUM 4" OF TOP SOIL. ALL DISTURBED AREAS SHALL BE SEED & MULCHED AT THE PRESCRIBED RATES WITHIN 72 HOURS OF FINAL GRADING UNLESS OTHERWISE NOTED.
- TYPE OF SLOPE:**
- | | |
|-------------------|---------|
| GREATER THAN 3:1 | 7 DAYS |
| FLAT TO 3:1 | 14 DAYS |
| FLATTER THAN 10:1 | 21 DAYS |
- (Maximum time on area can remain open when the area is not actively being worked)
4. CONTRACTOR'S GRADING AND EROSION CONTROL OPERATIONS SHALL TAKE PLACE WITHIN THE CONSTRUCTION LIMITS.
 5. IT IS REQUIRED THAT SOILS TRACKED FROM THE SITE BY MOTOR VEHICLES BE CLEANED DAILY FROM PAVED ROADWAY SURFACES THROUGHOUT THE DURATION OF CONSTRUCTION.
 6. ALL REQUIREMENTS OF THE LOCAL WATERBED DISTRICT SHALL BE SATISFIED PER THE APPROVED PERMIT.
 7. ALL EROSION & SEDIMENT CONTROL MEASURES SHOWN ON THIS PLAN AND IMPLEMENTED IN THE FIELD AS DIRECTED BY THE ENGINEER SHALL CONFORM TO THE KANSAS PCA'S BEST MANAGEMENT PRACTICES.
 8. DEWATERING AND/OR BASIN DRAINING DISCHARGE SHALL BE DIRECTED TO SEDIMENTATION BASINS (WHENEVER POSSIBLE). ALL DISCHARGE POINTS SHALL BE ADEQUATELY PROTECTED FROM EROSION & SCOUR THROUGH USE OF APPROVED ENERGY DISSIPATION DEVICES.
 9. INDIVIDUAL SITE BUILDERS SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL NECESSARY EROSION CONTROL MEASURES AS MAY BE REQUIRED. REQUIRED EROSION CONTROL SHALL CONSIST OF BUT NOT BE LIMITED TO THE FOLLOWING:
 - A. STAGED FIBER LOG ROLLS AT BACK OF ALL CURBS EXCEPT AT CONSTRUCTION/DRIVEWAY ENTRANCE.
 - B. SILT FENCE OR ALL FORM GRANULAR SOILS FROM CONSTRUCTION AREA. SILT FENCE SHALL HAVE CONSTRUCTION STRAP HAVING TO 2" CLEAR ROCK OVER GEOTEXTILE FABRIC.
 - C. STREET CLEANING AS MAY BE REQUIRED SHOULD VEHICLE TRACKING OCCUR.
 10. INDIVIDUAL SITE BUILDERS ARE REQUIRED TO MAINTAIN EROSION CONTROL MEASURES AS NECESSARY THROUGHOUT CONSTRUCTION. MEASURES APPLIED SHALL COMPLY WITH BEST MANAGEMENT PRACTICES FOR PHASE OF CONSTRUCTION.
 11. ALL STOCK PILES SHALL HAVE PERIMETER CONTROL.

NOTE: CONTRACTOR IS RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REMOVAL OF ALL APPLICABLE EROSION & SEDIMENT CONTROL ITEMS.



- 1**
L102
- EROSION CONTROL FENCE (SILT FENCE)**
N.T.S.



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Drawing Title
EROSION CONTROL

Approved: Project Director

Project Title
LODGE REHABILITATION

Location
 FT LEAVENWORTH NATIONAL CEMETERY
 LEAVENWORTH, KS

Date 02-25-2016
Checked GJJ
Drawn EMS

Project Number
 887CM3005

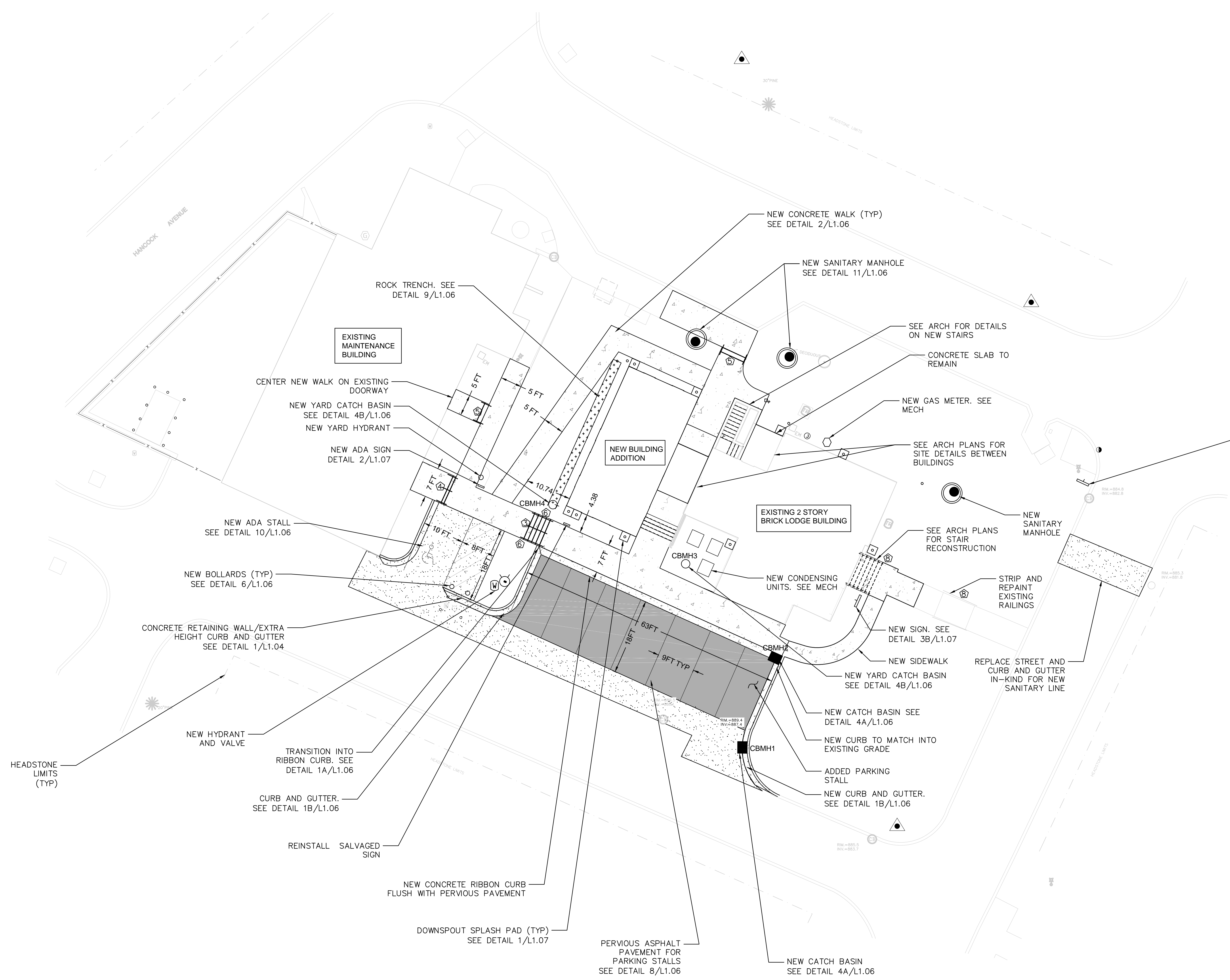
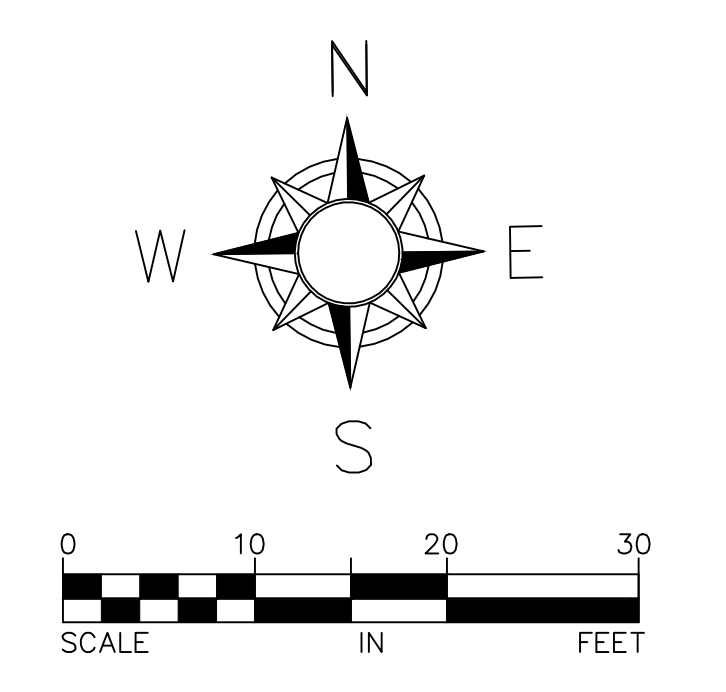
Building Number

Drawing Number
 L1.02

Dwg. 5 of 67

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs



- GENERAL NOTES:**
- INSTALL RIBBON CURB BETWEEN PEROVUS PAVEMENT AND SIDEWALK.
 - HANDRAILS ON BOTH SIDES OF ALL STAIRS. NEW HANDRAILS SHOULD BE NO MORE THAN 60" APART
 - (3) HAND RAILS. SEE DETAIL 5A/L1.07 FOR STAIR DETAILS
 - (3) HAND RAILS. SEE DETAIL 5B/L1.07 FOR STAIR DETAILS
 - SEE DETAIL 5C/L1.07 FOR STAIR DETAILS
 - CONCRETE SIDES OF STAIRS AND WALK WILL BE EXPOSED. INCREASE THICKNESS AS NECESSARY SUCH THAT CONCRETE IS 4" MIN BELOW GRADE.
 - PAINT ALL NEW AND EXISTING RAILINGS P-5 BLACK. SEE SPECIFICATIONS FOR COLOR DETAILS
 - RAILS ARE HISTORIC AND ARE TO BE REPAINTED. REMOVE IF NECESSARY FOR STRIPPING AND REPAINTING. REINSTALL PER ORIGINAL CONFIGURATION.
- NEW CONCRETE
 - NEW ASPHALT
 - PEROVUS PAVEMENT
 - ROCK TRENCH

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Drawing Title
SITE PLAN

Approved: Project Director

Project Title
LODGE REHABILITATION

Project Number
 887CM3005

Building Number

Location
 FT LEAVENWORTH NATIONAL CEMETERY
 LEAVENWORTH, KS

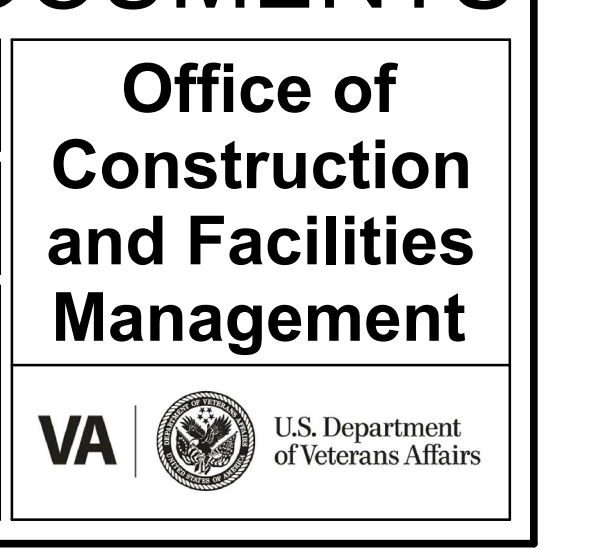
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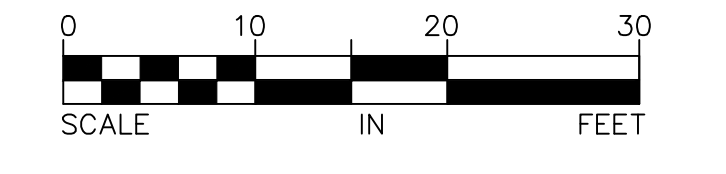
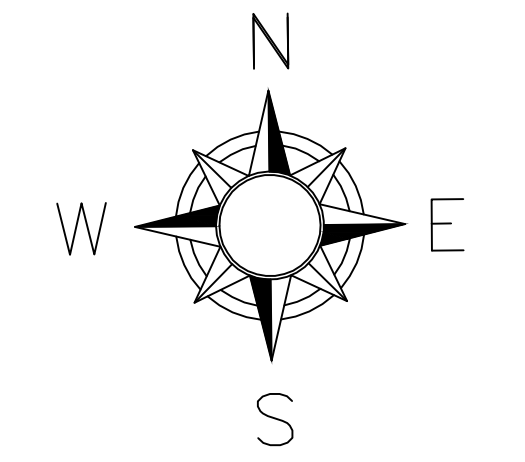
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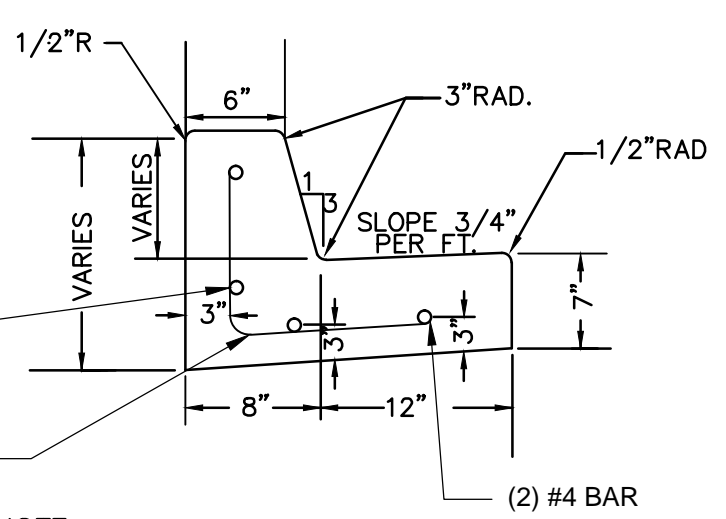




LEGEND	
	EXISTING CONTOUR
	PROPOSED CONTOUR
	CURB & GUTTER
	DRAINAGE ARROW
	PROPOSED SPOT ELEVATION



VARIABLE HEIGHT CURB
SEE DETAIL BELOW



NOTE:
1. CURB HEIGHT VARIES FROM 0" TO 9"
2. WHERE CURB HEIGHT RETURNS TO 6" EXTEND VERTICAL FACE REINFORCEMENT 2FT (MIN) BEYOND THAT POINT AND END VERTICAL REINFORCEMENT.

1 VARIABLE HEIGHT CURB DETAIL
N.T.S.

ADJUST CASTING AS NECESSARY
FOR NEW PAVEMENT

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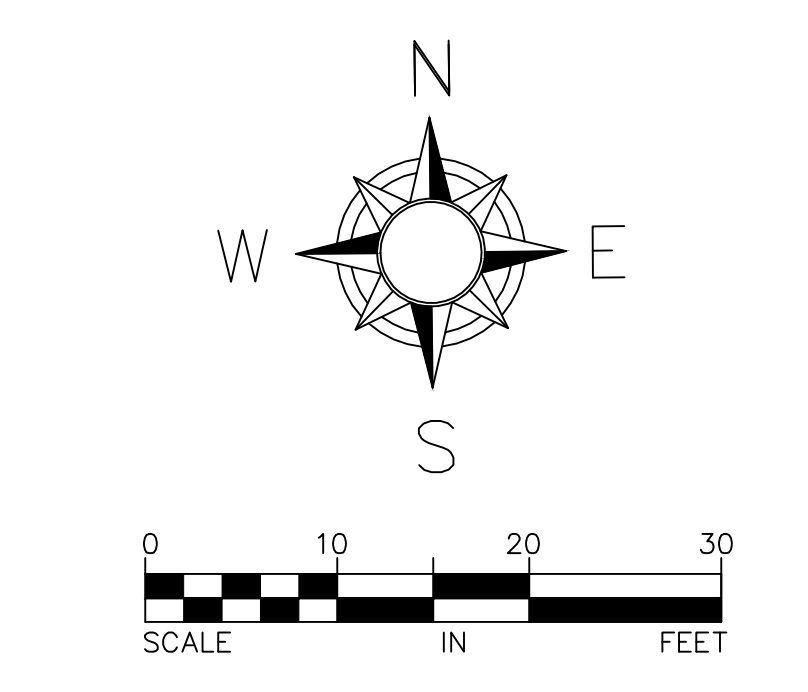
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GRADING PLAN
 Approved: Project Director

Project Title
LODGE REHABILITATION
 Location
 FT LEAVENWORTH NATIONAL CEMETERY
 LEAVENWORTH, KS
 Date
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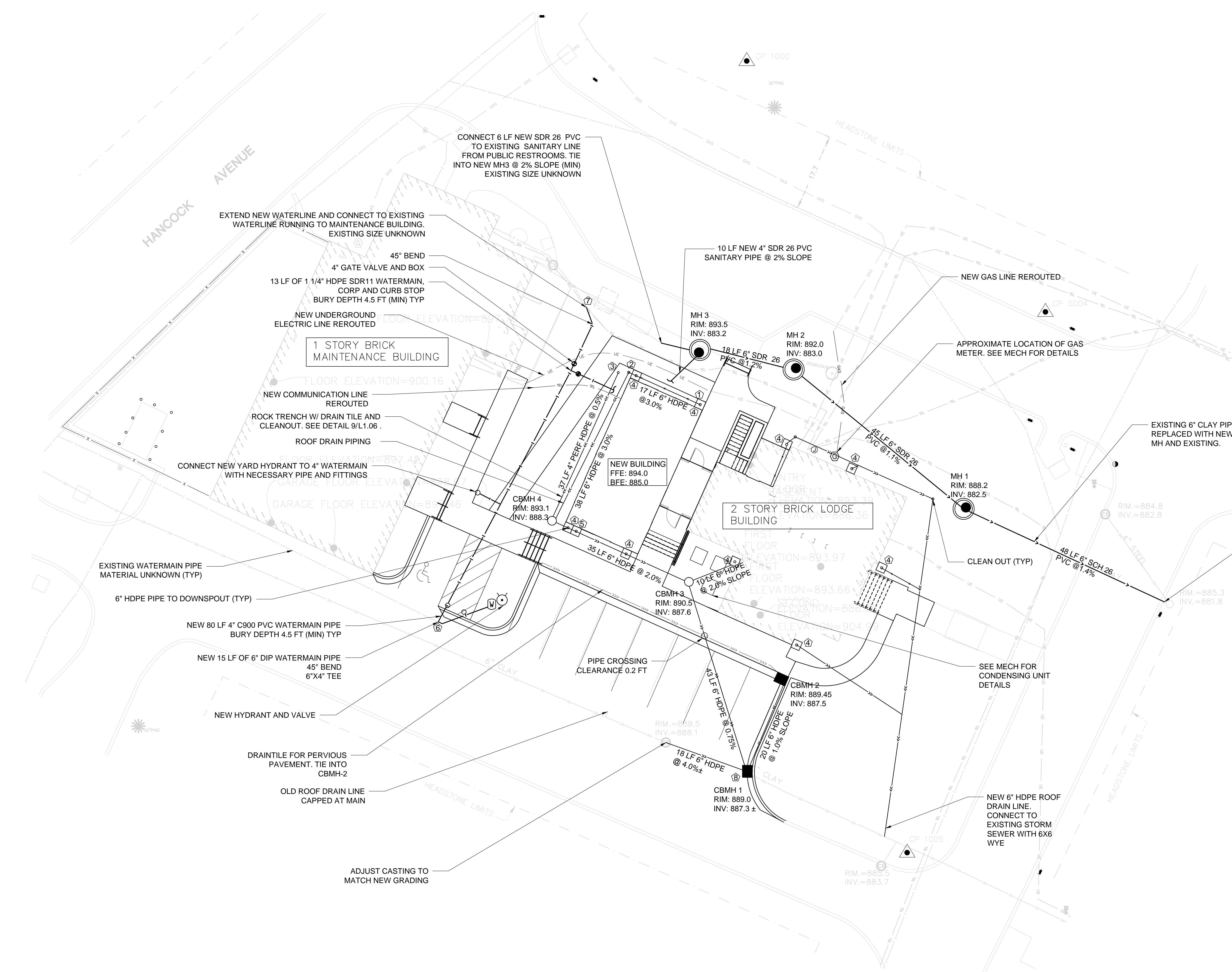
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 Building Number
 Drawing Number
L1.04
 Dwg. 7 of 67

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LEGEND	
---902---	EXISTING CONTOUR
—902—	PROPOSED CONTOUR
—	CURB & GUTTER
—>—	EXISTING SAN. SEWER
—>—	PROPOSED SAN. SEWER
—	EXISTING WM
—	PROPOSED WM
—>>—	EXISTING STORM SEWER
—>>—	PROPOSED STORM SEWER



- KEY NOTES:**
- ① PIPE INV 889.9
 - ② TEE AND CLEANOUT INV 889.4
 - ③ ROCK TRENCH CLEANOUT INV 888.6
 - ④ CONNECT ROOF DRAINS TO NEW 6" DRAINAGE PIPES. SEE DETAIL 1/L1.07
 - ⑤ SPLASH PAD WITH PIPE FOR SUMP PUMP OUTLET. SEE DETAIL 1/L1.07
 - ⑥ INSTALL NEW TEE AND ASSOCIATED FITTINGS.
 - ⑦ POTHOLE TO FIND EXISTING WATERLINE RUNNING TO MAINTENANCE BUILDING. EXTEND NEW WATERLINE FROM TEE TO EXISTING WATERLINE RUNNING TO MAINTENANCE BUILDING. MATCH SIZE OF EXISTING LINE.
 - ⑧ CLEAN EXISTING STORM DRAIN BY JET AND VAC FROM CBMH-1 TO NEXT DOWN STREAM MANHOLE

- GENERAL NOTES:**
- 1. 6" DIA STORM PIPING SHALL BE ADVANCED DRAINAGE SYSTEM N-12 WT (WATER TIGHT) PIPE OR EQUIVALENT.
 - 2. SEE ELECTRICAL FOR TEMP ROUTING OF COMMUNICATION LINES

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 one inch equals one foot
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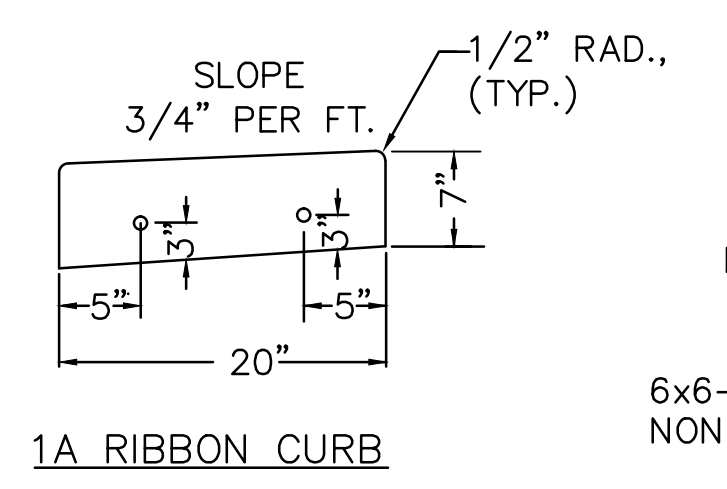
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Approved: Project Director

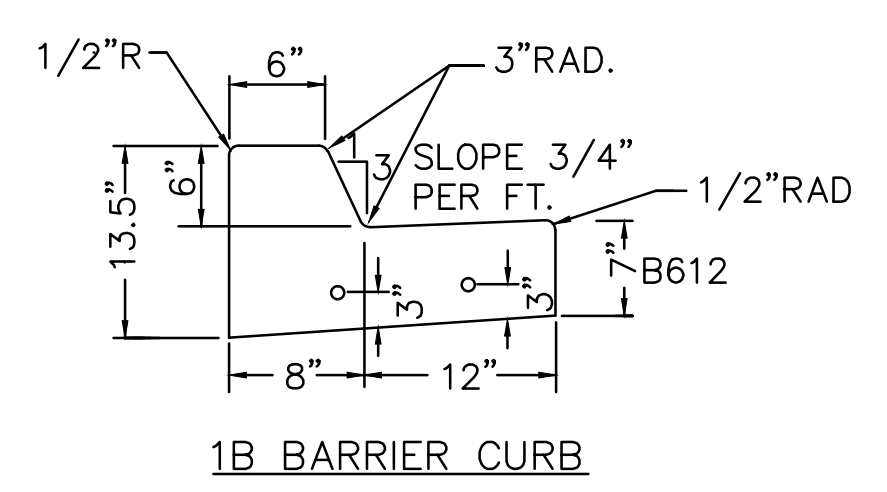
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Project Number	887CM3005	
Building Number		
Location	FT LEAVENWORTH NATIONAL CEMETERY LEAVENWORTH, KS	
Date	Checked	Drawn
02-25-2016	GJJ	EMS
Dwg. 8 of 67	L1.05	

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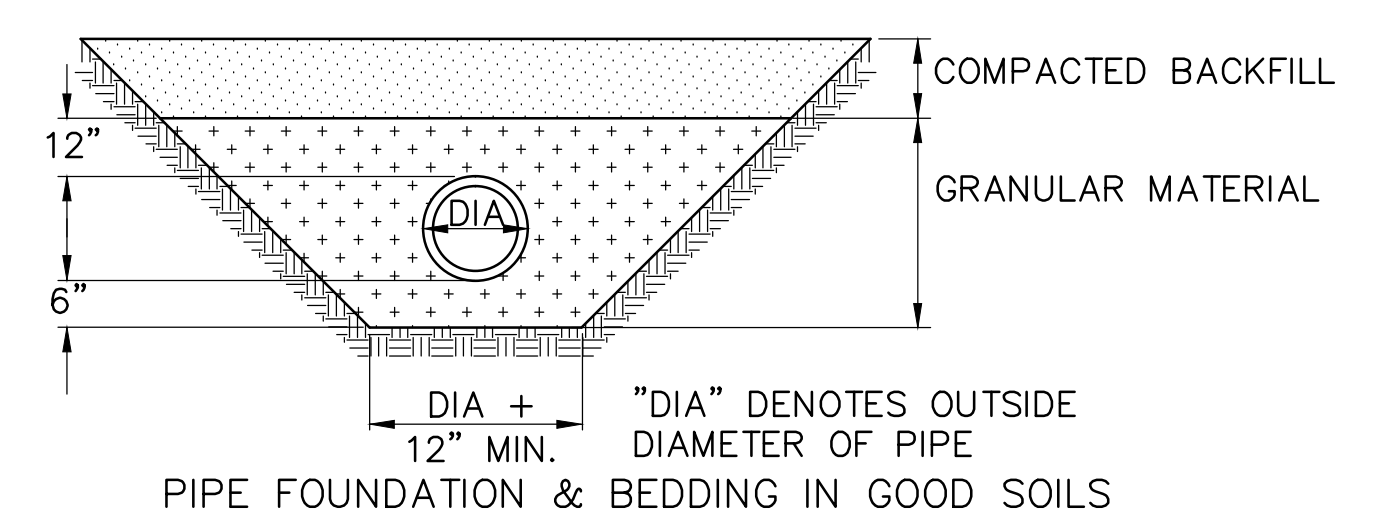
1A RIBBON CURB



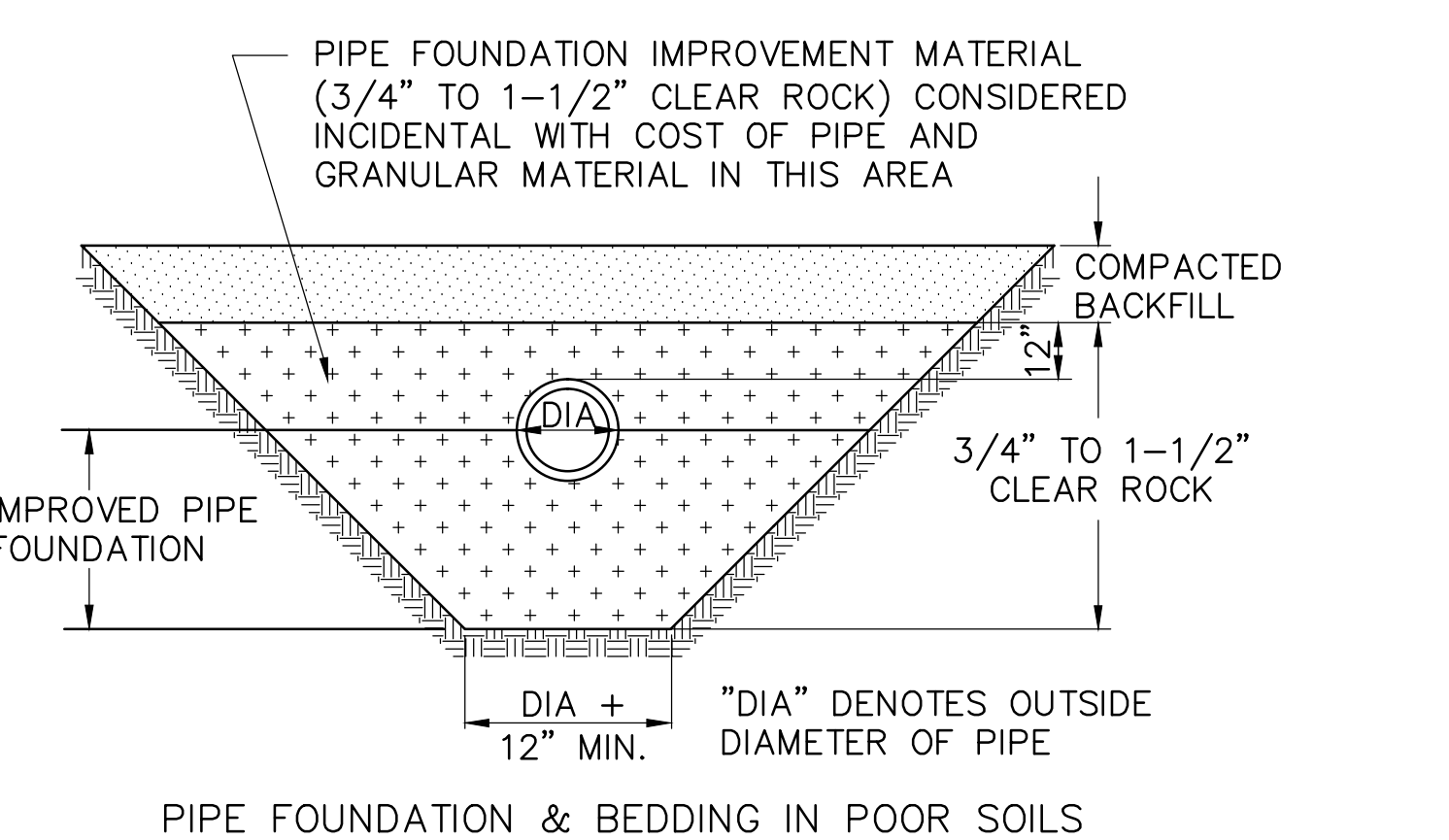
1B BARRIER CURB

- NOTE:**
- 1. ELIMINATE GUTTER AND TIP OUT CURB WHERE PAVEMENT SLOPES AWAY FROM CURB
 - 2. REBAR SHALL BE #3 BAR NON CORROSIVE TYPE

1 CURB DETAIL N.T.S.

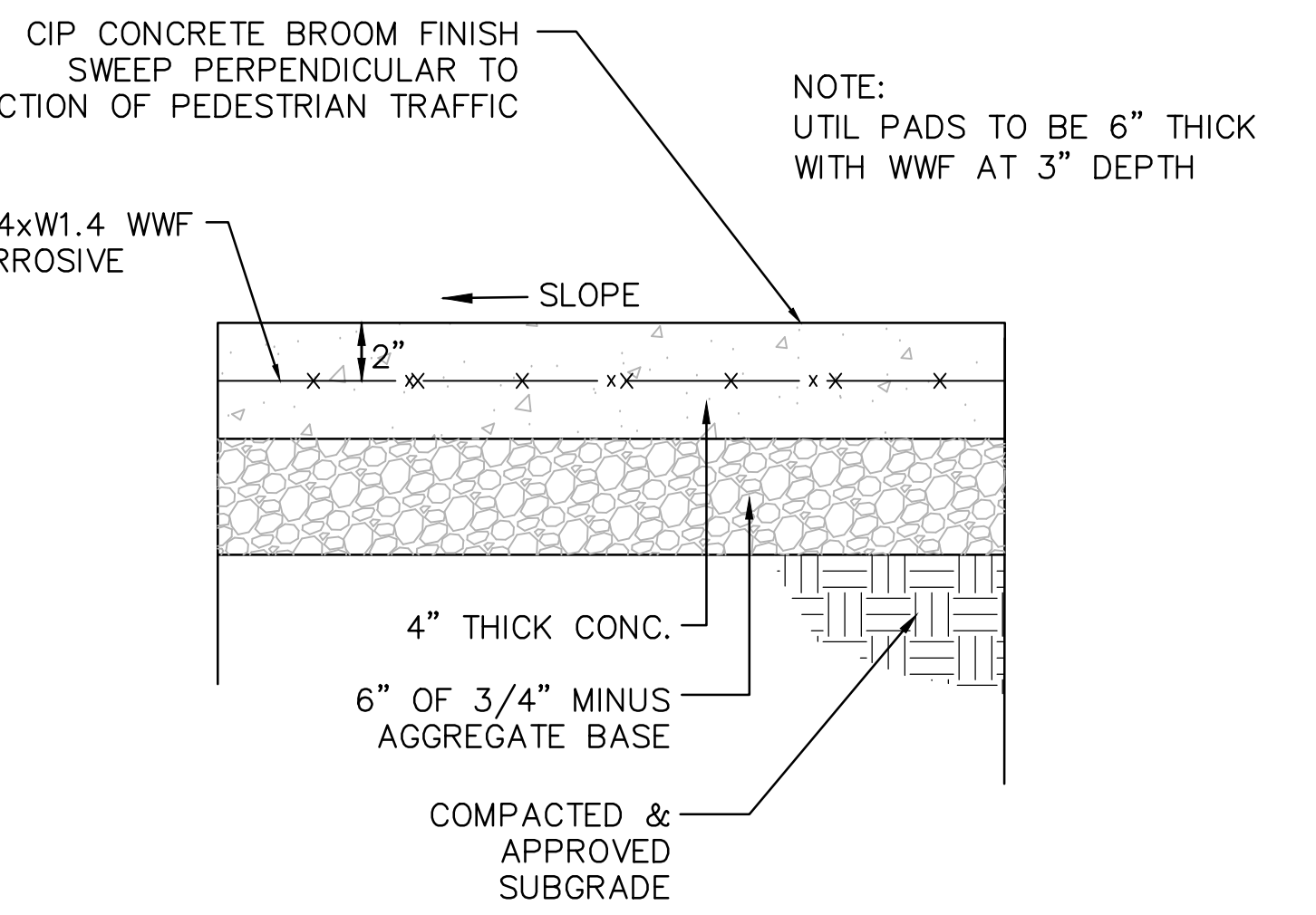


PIPE FOUNDATION & BEDDING IN GOOD SOILS

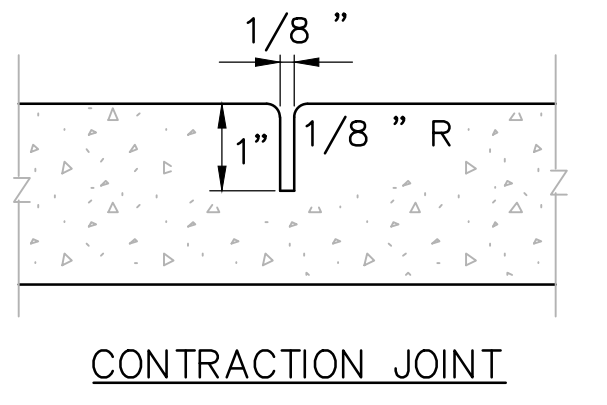


PIPE FOUNDATION & BEDDING IN POOR SOILS

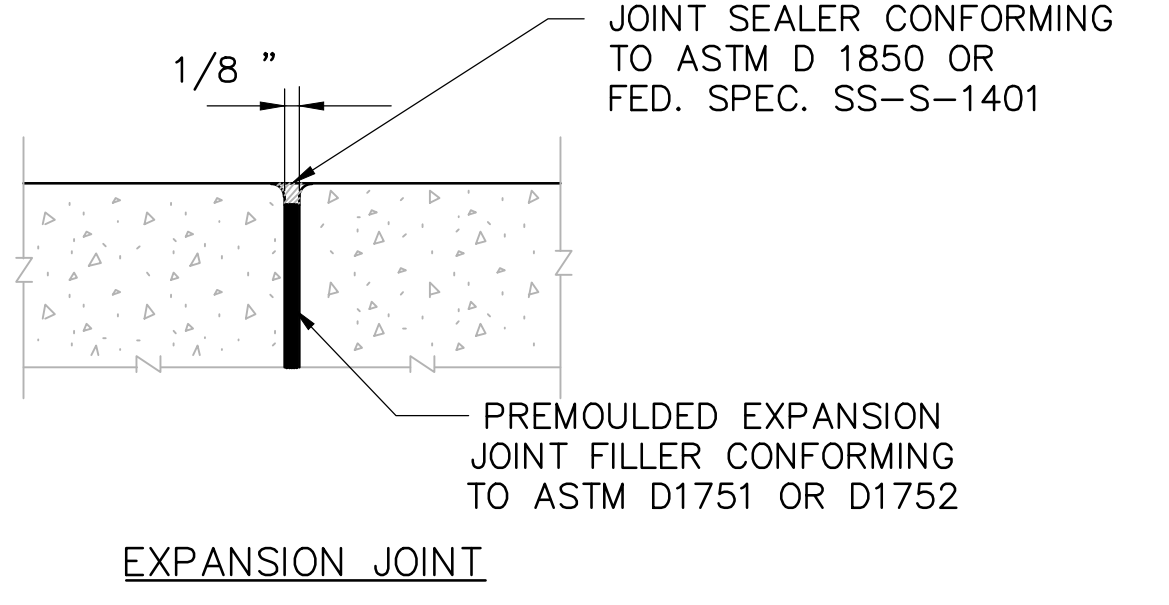
5 PIPE BEDDING N.T.S.



2 CONCRETE SIDEWALK N.T.S.

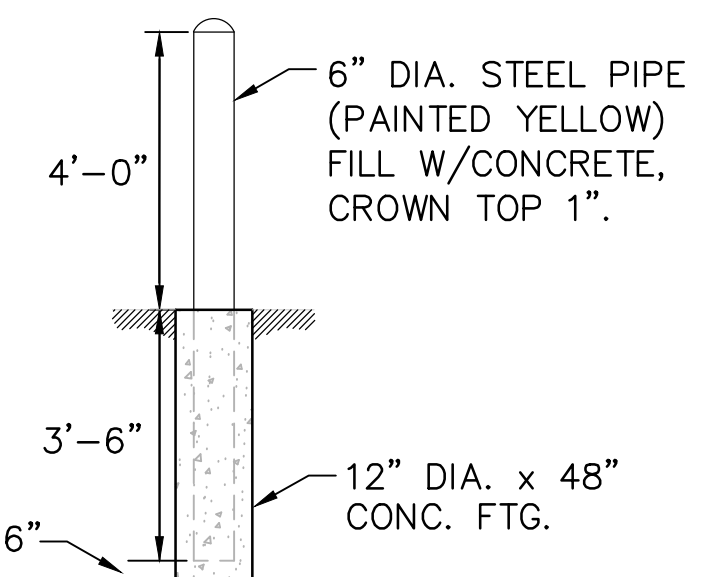


CONTRACTION JOINT

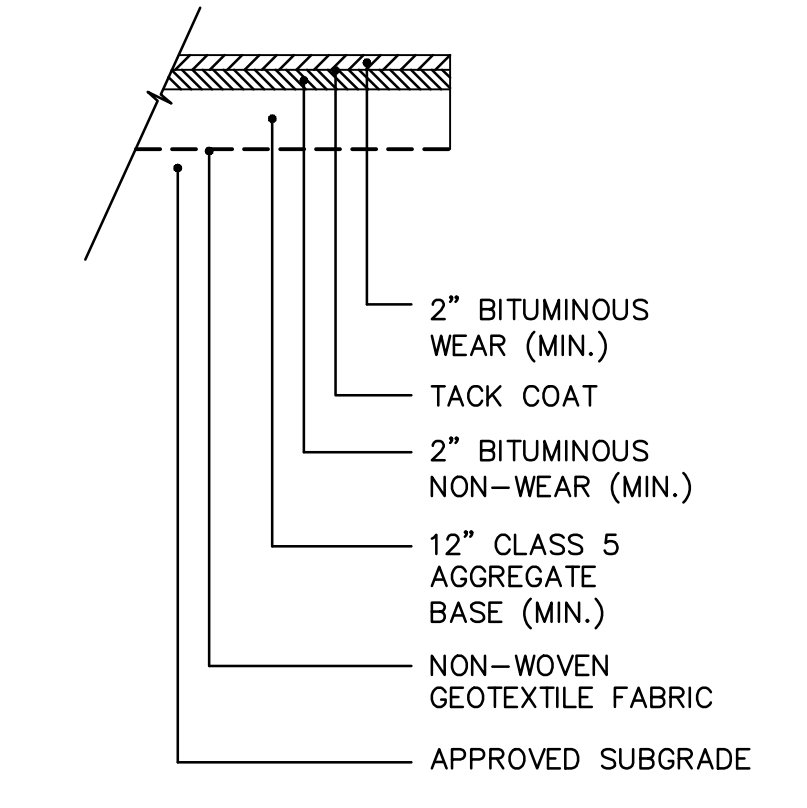


EXPANSION JOINT

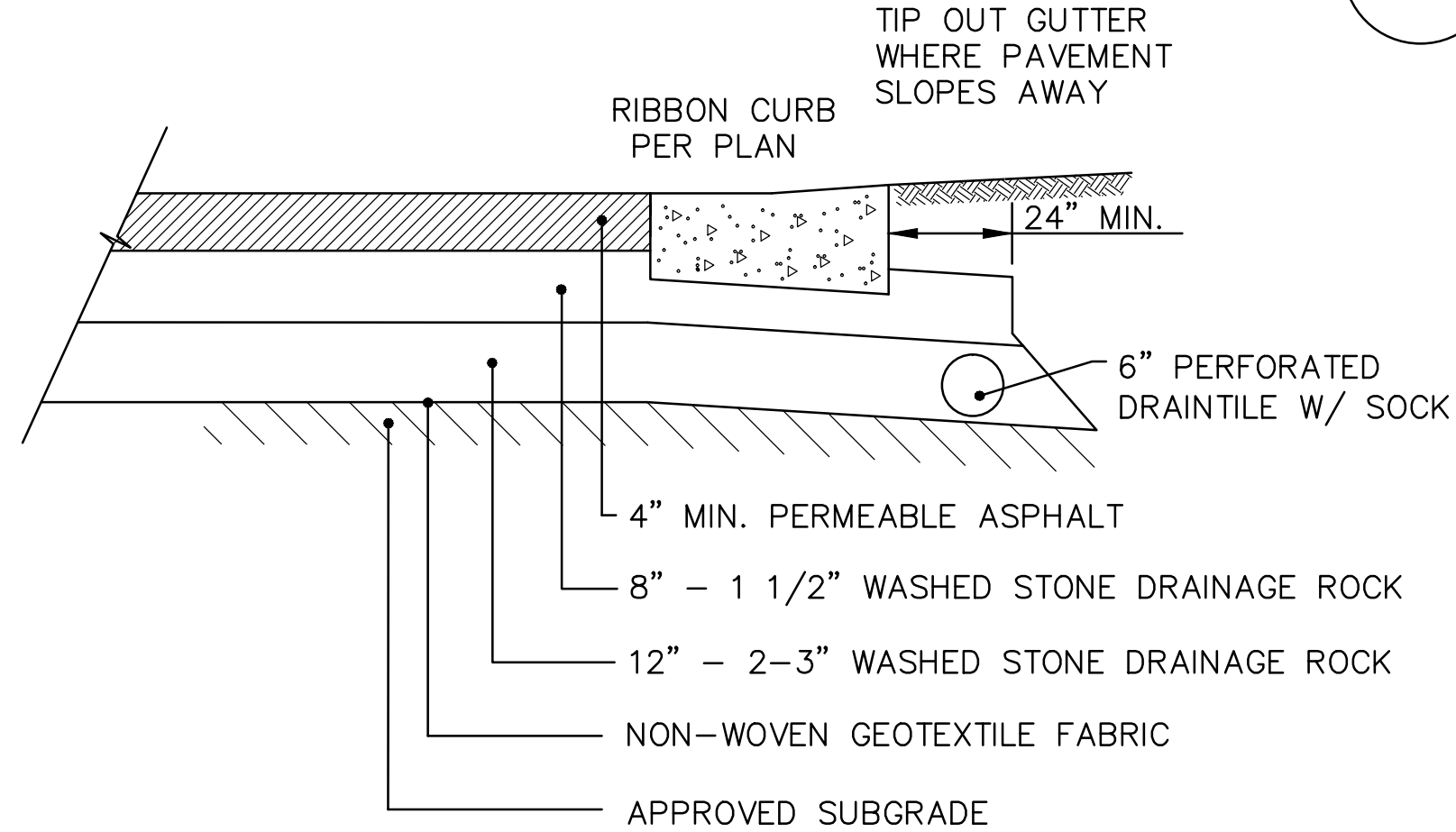
3 CONCRETE WALK JOINTING N.T.S.



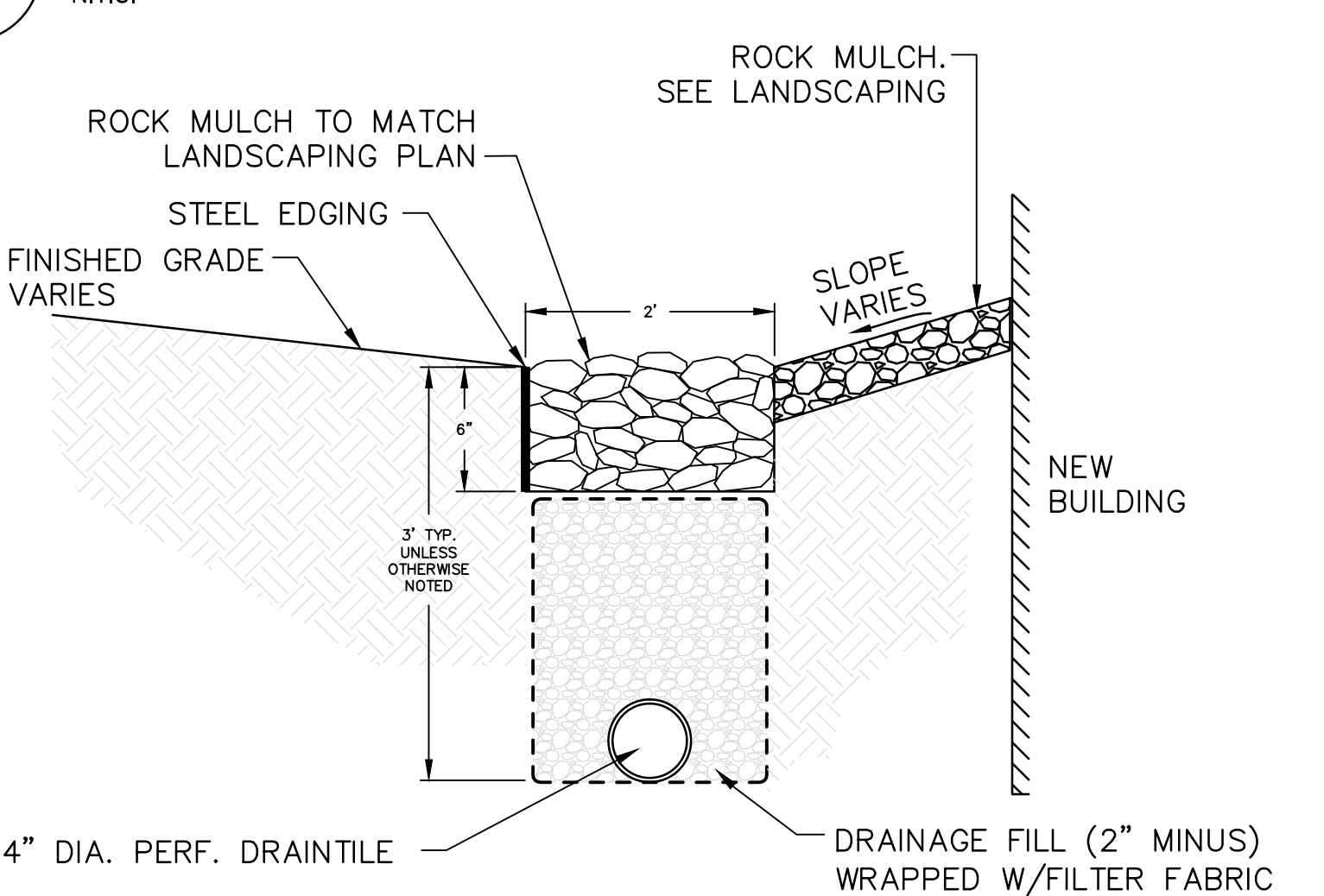
6 BOLLARD DETAIL N.T.S.



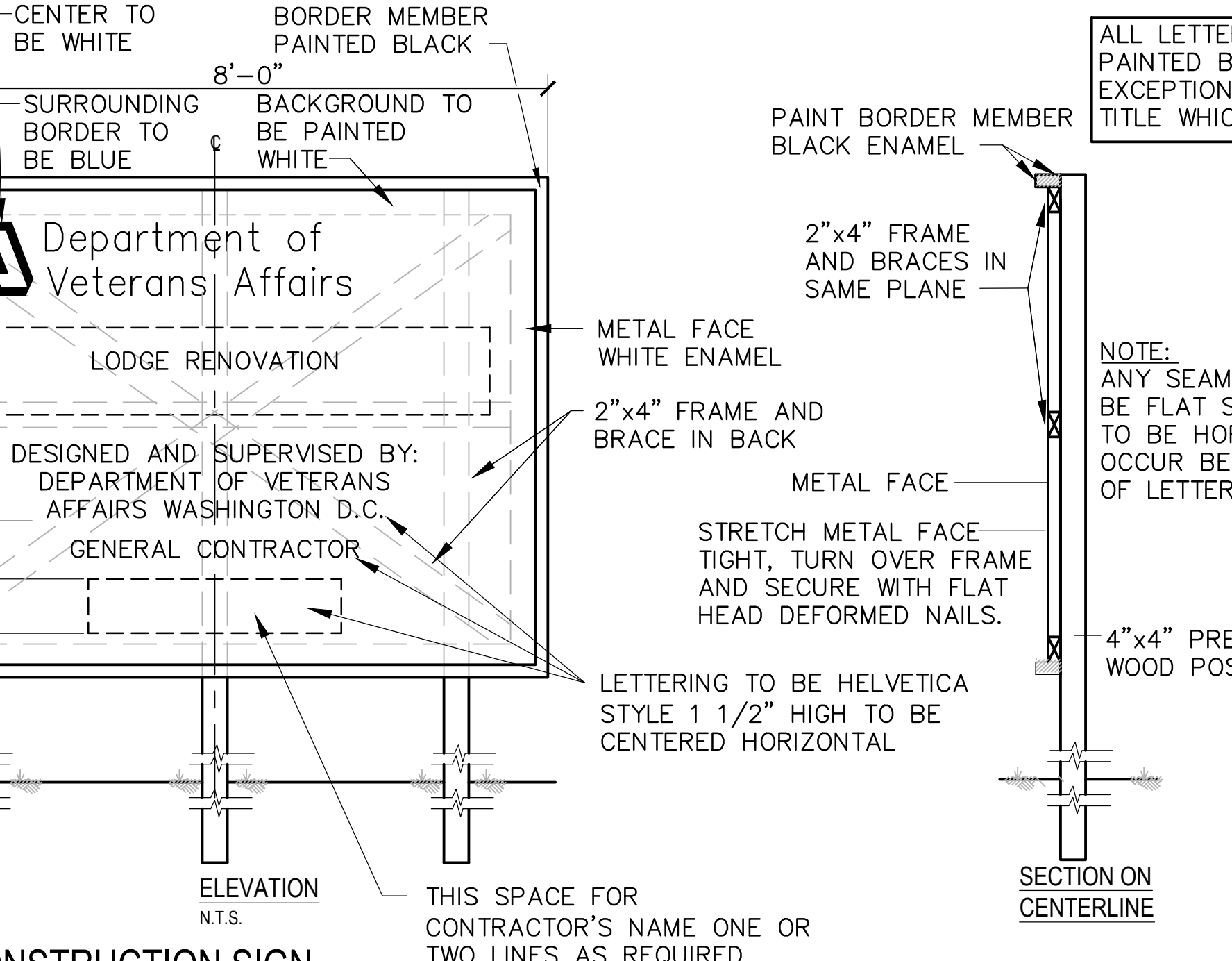
7 ASPHALT PAVEMENT N.T.S.



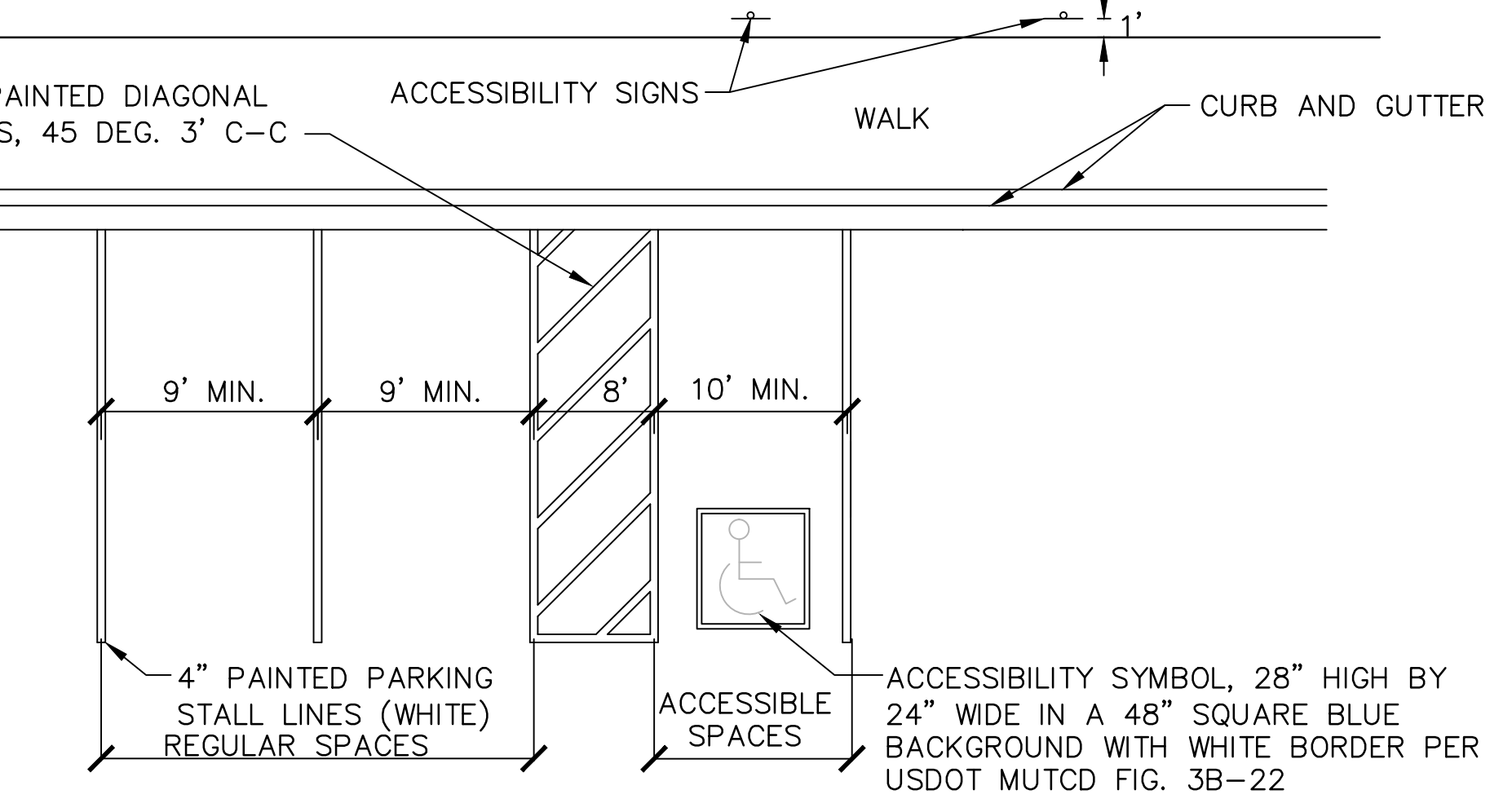
8 PERVIOUS PAVEMENT DETAIL N.T.S.



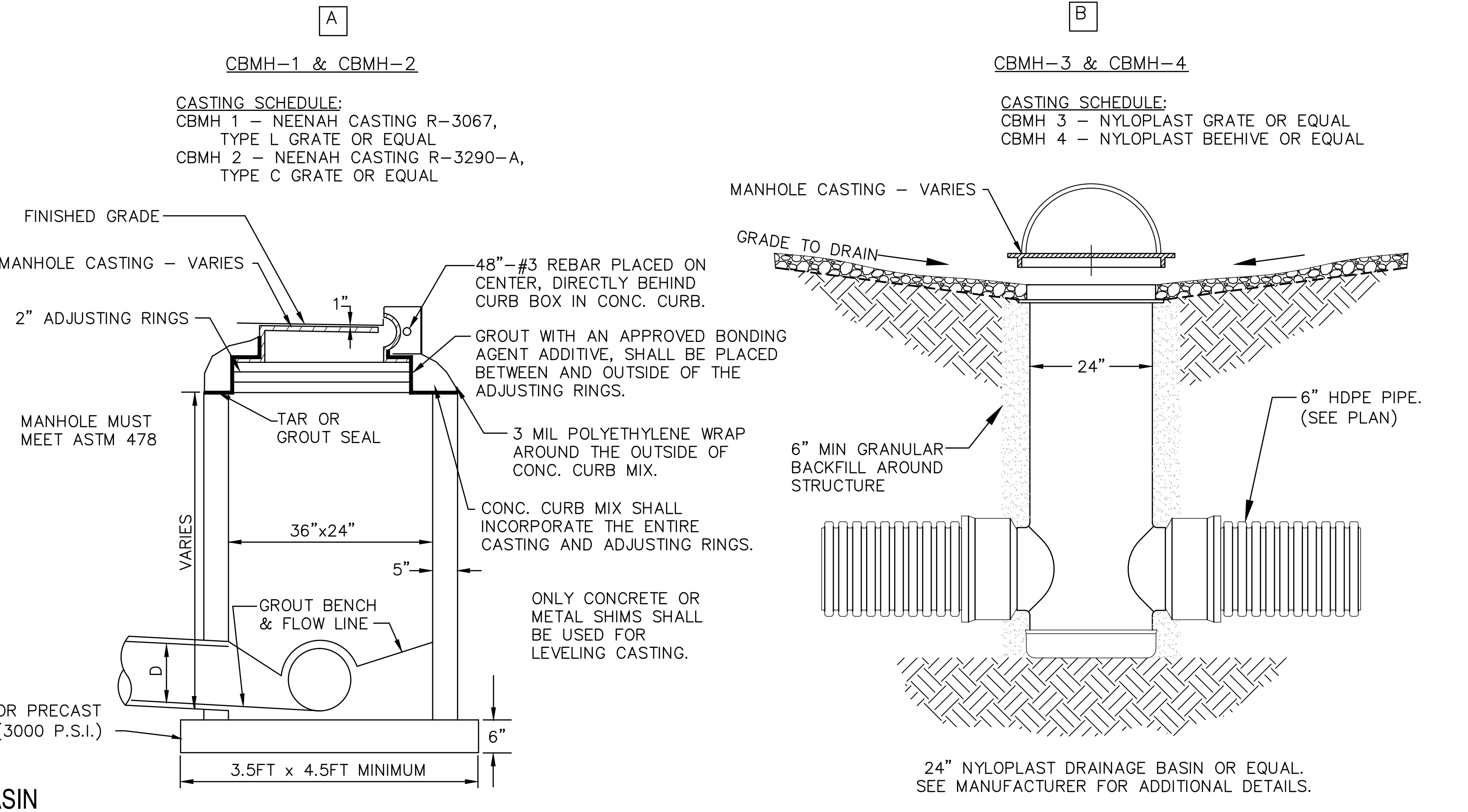
9 ROCK TRENCH DETAIL N.T.S.



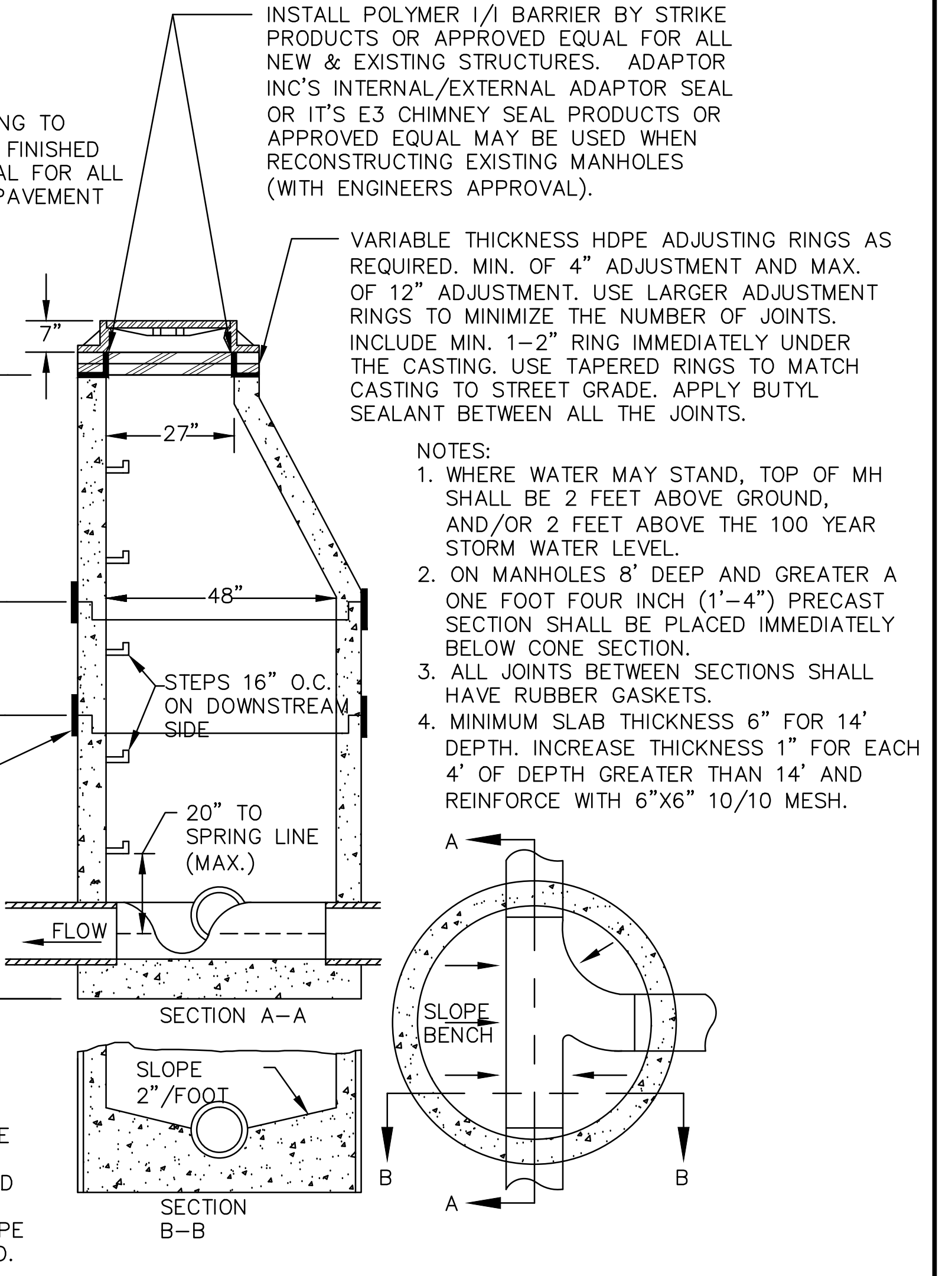
12 PROJECT CONSTRUCTION SIGN N.T.S.



10 PAVEMENT MARKING DETAIL N.T.S.



4 CATCH BASIN N.T.S.



11 SANITARY SEWER MANHOLE N.T.S.

Vertical scale markings on the left side of the drawing, ranging from 1/8 inch to 16 inches.

Vertical scale markings on the right side of the drawing, ranging from 1/8 inch to 16 inches.

BID SET DOCUMENTS

CONSULTANTS:

KJ ENGINEERING CONSULTANTS
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603 26TH AVENUE
QUAD CITIES, IL 61801
309.788.6773
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**STRUCTURAL | MECHANICAL | ELECTRICAL
TECHNOLOGY | MEDICAL EQUIPMENT SOLUTIONS**

No. Revisions	Date

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: ERIC SAUTERNE
SIGNATURE: *[Signature]*
DATE: 02/25/2016 LICENSE #51396

ARCHITECT/ENGINEERS:

ANDERSON ENGINEERING

ENGINEERING • ARCHITECTURE • LAND SURVEYING
ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE

AE PROJECT NO.: 13802

Anderson Engineering of Minnesota, LLC
13605 1st Avenue North
Suite 100
Plymouth, MN 55441
763-412-4000 (o) 763-412-4090 (f)
www.ae-mn.com

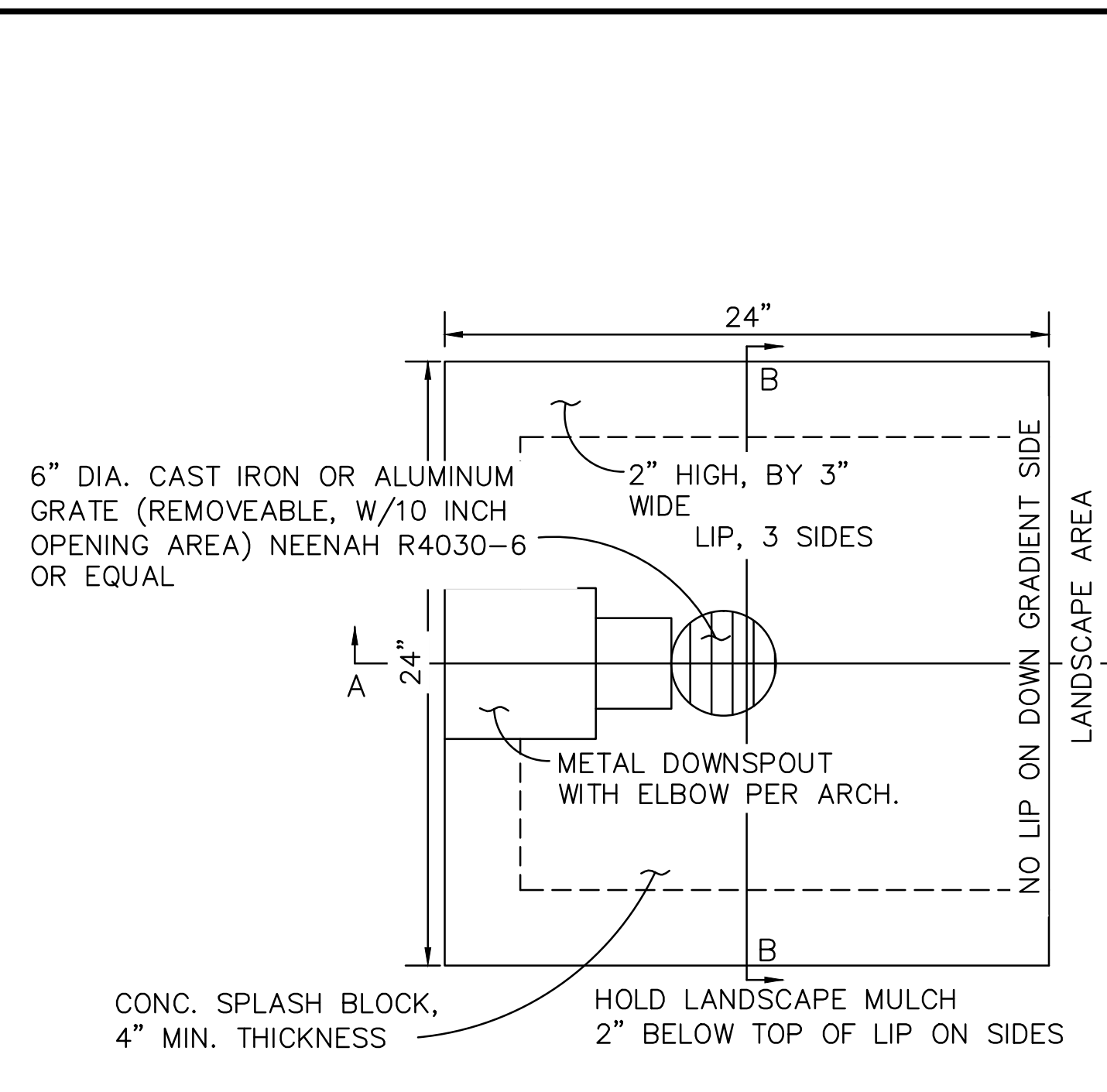
Drawing Title
DETAILS - 1

Approved: Project Director

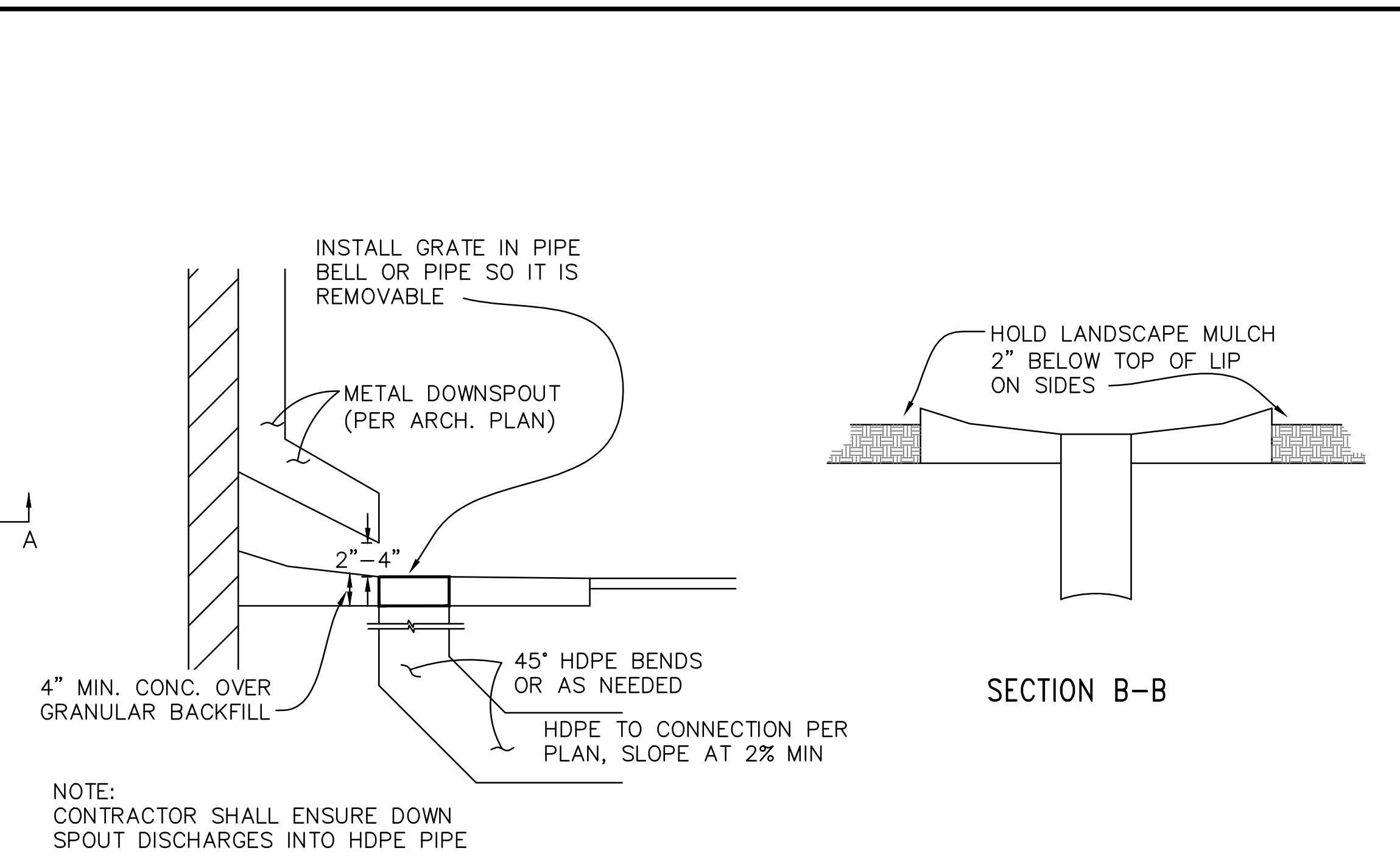
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Location FT LEAVENWORTH NATIONAL CEMETERY LEAVENWORTH, KS	Building Number
Date 02-25-2016	Drawing Number L1.06
Checked GJJ	Drawn EMS
Dwg. 9 of 67	

Office of Construction and Facilities Management

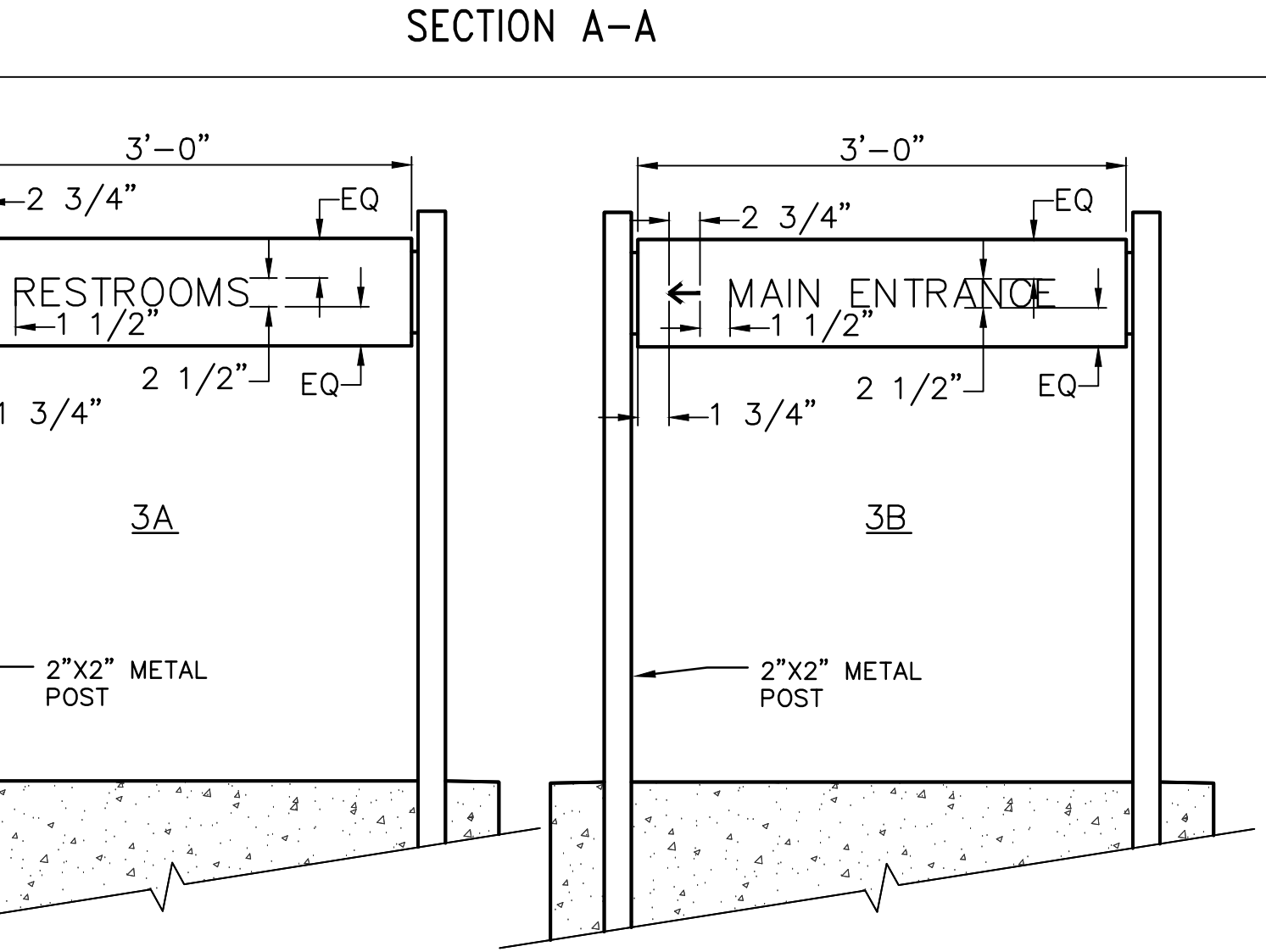
VA U.S. Department of Veterans Affairs



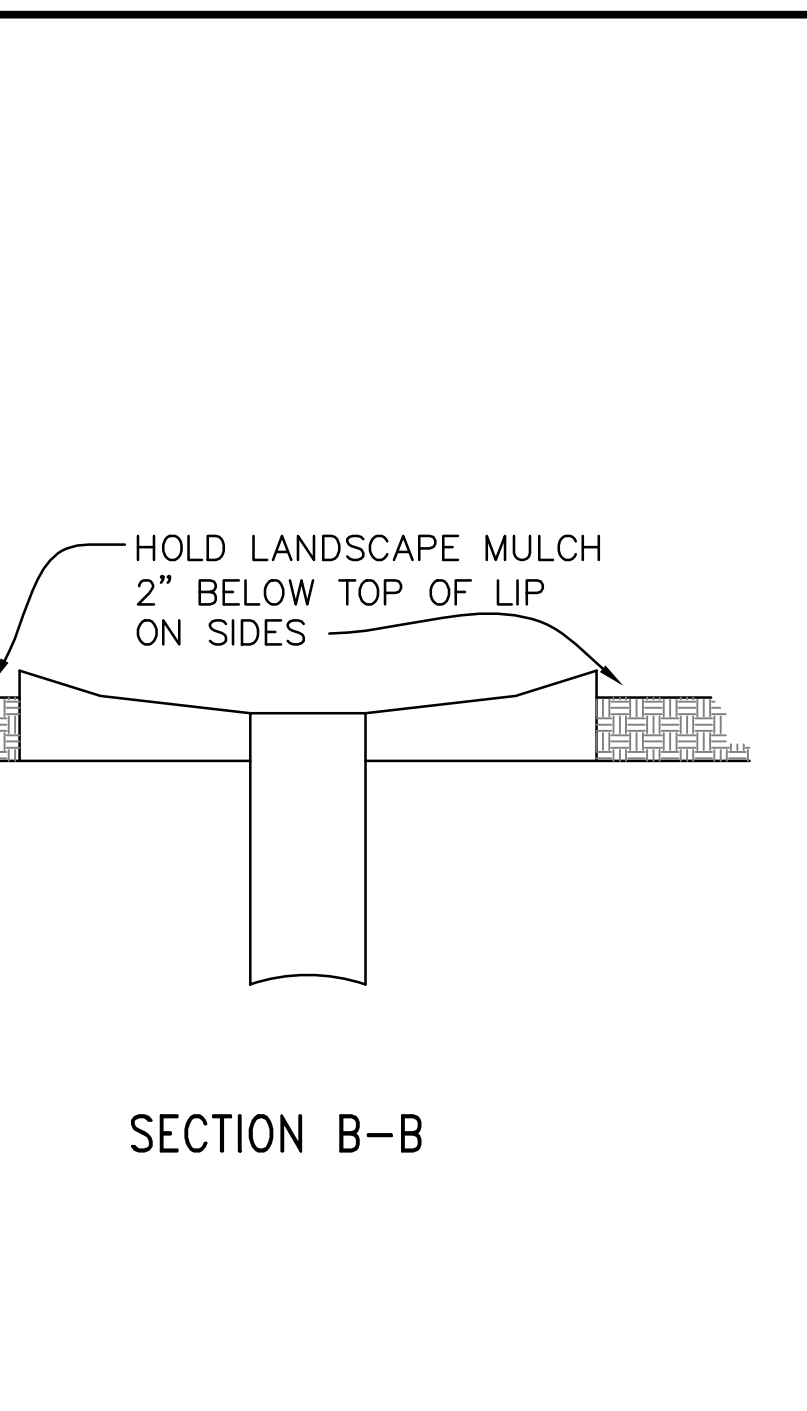
1 DOWNSPOUT CONNECTIONS
N.T.S.



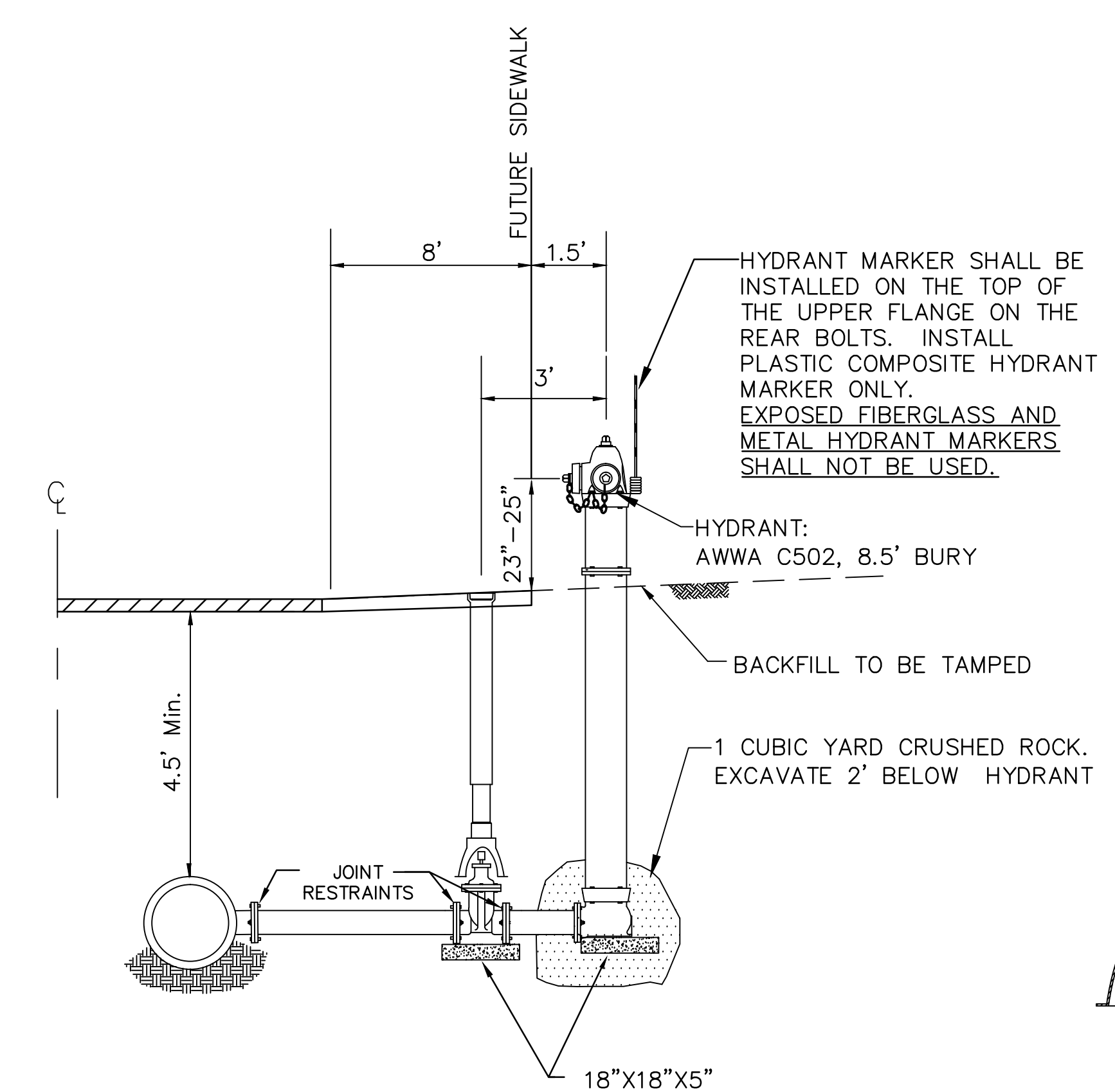
2 HANDICAP PARKING SIGN
N.T.S.



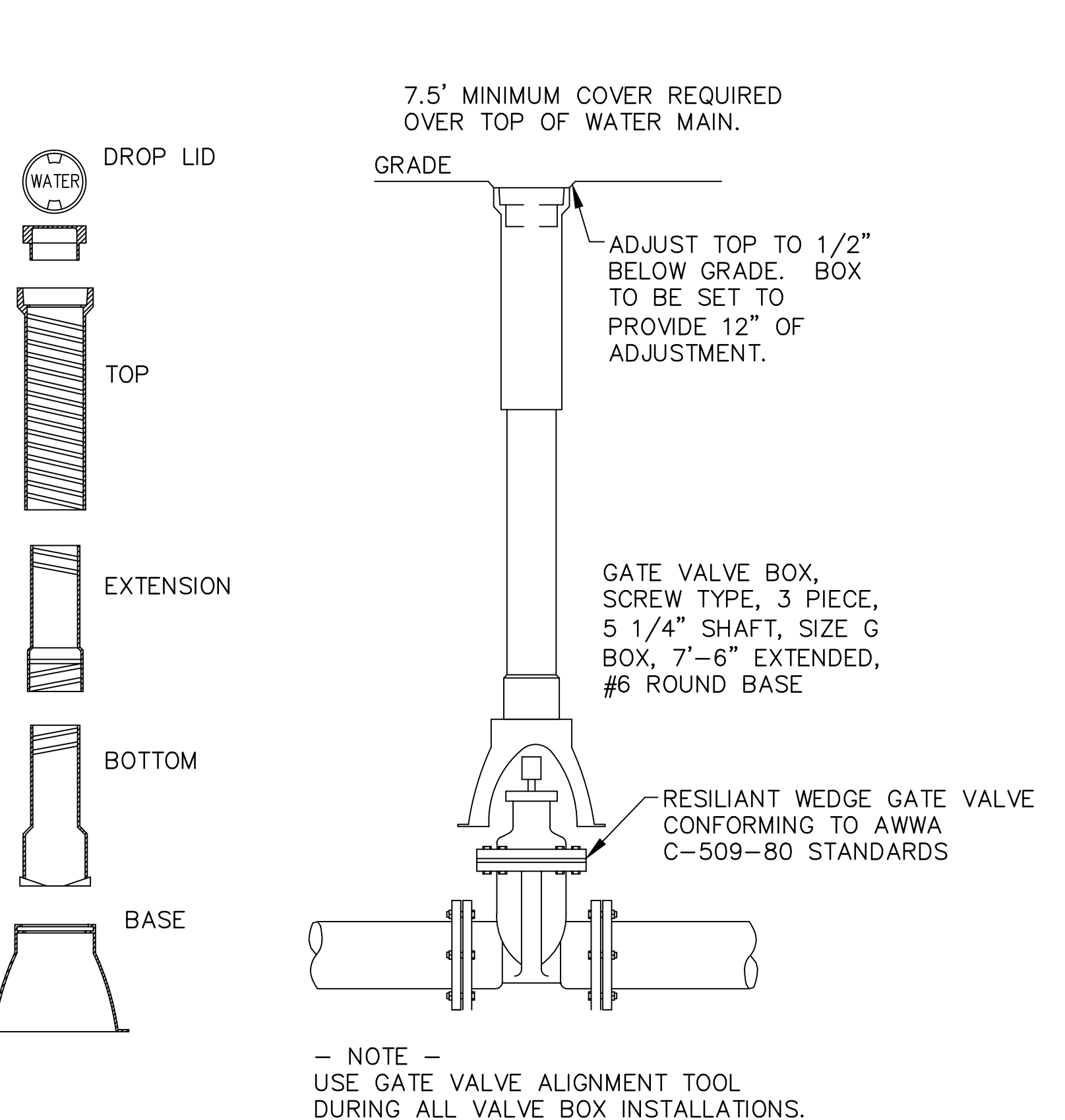
3 SIGN
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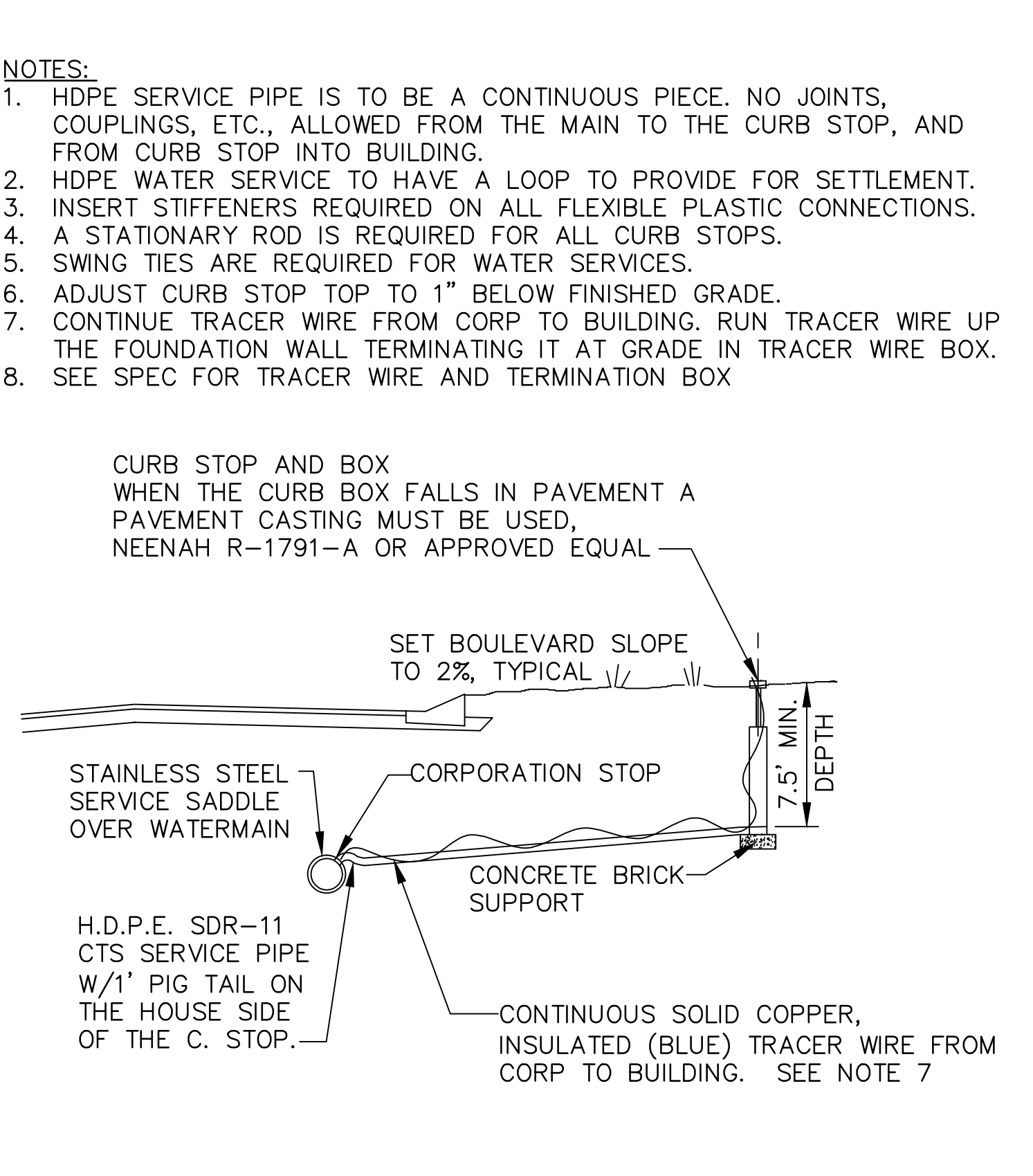
4 CLEANOUT
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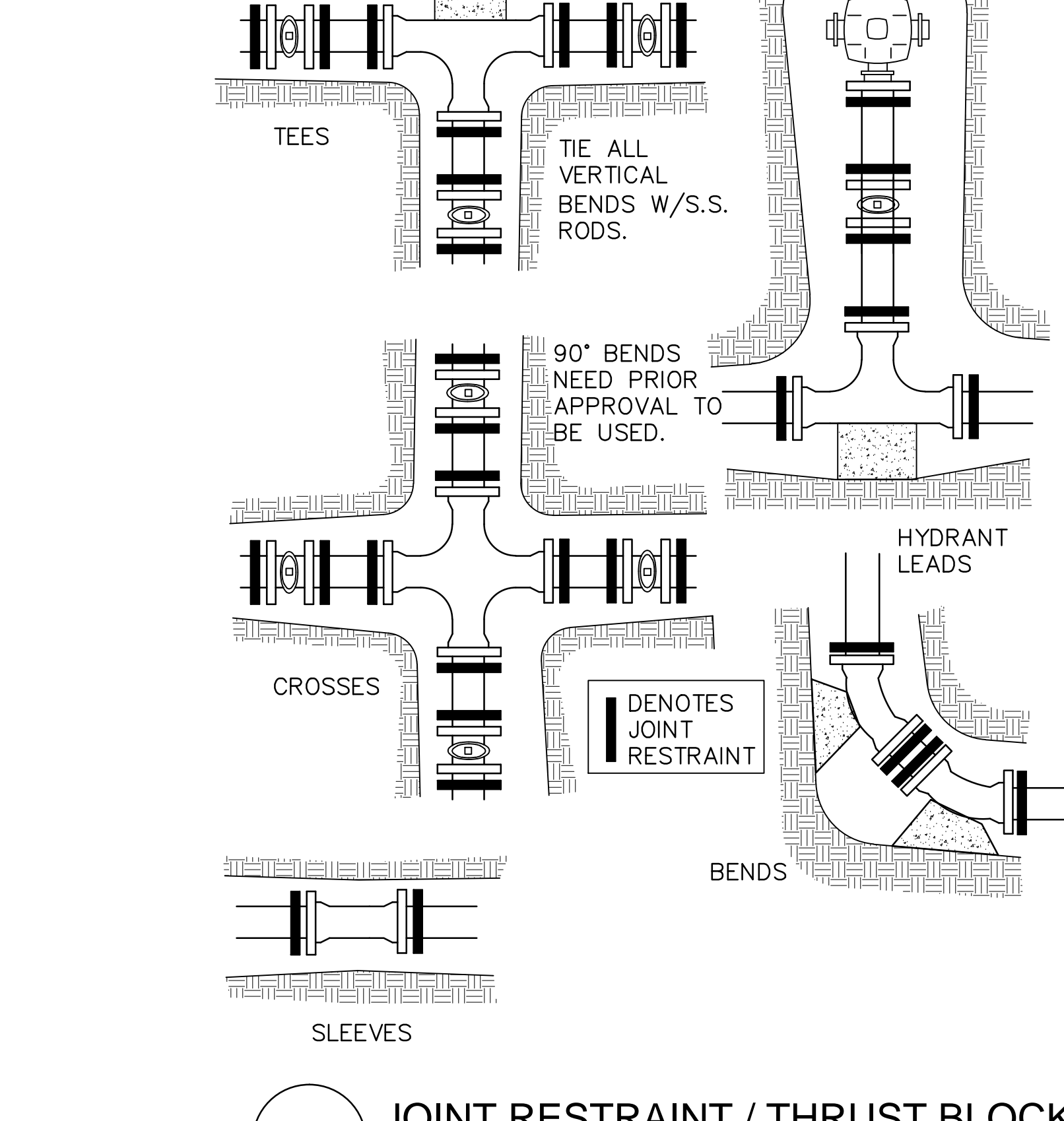
5 CONCRETE STAIR DETAIL
N.T.S.



6 VALVE AND HYDRANT
N.T.S.



7 VALVE BOX DETAIL
N.T.S.



8 WATER SERVICE
N.T.S.



9 JOINT RESTRAINT / THRUST BLOCK
N.T.S.

No.	Revisions	Date

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 PRINT NAME: ERIC SAUTBINE
 SIGNATURE: *Eric Sautbine*
 DATE: 02/25/2016 LICENSE #51396

ARCHITECT/ENGINEERS:
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 Plymouth, MN 55441
 763-412-4000 (o) 763-412-4090 (f)
 www.ae-mn.com

Drawing Title
DETAILS - 2

Approved: Project Director

Project Title
LODGE REHABILITATION

Location
 FT LEAVENWORTH NATIONAL CEMETERY
 LEAVENWORTH, KS

Date
 02-25-2016

Checked
 GJJ

Drawn
 EMS

Project Number
 887CM3005

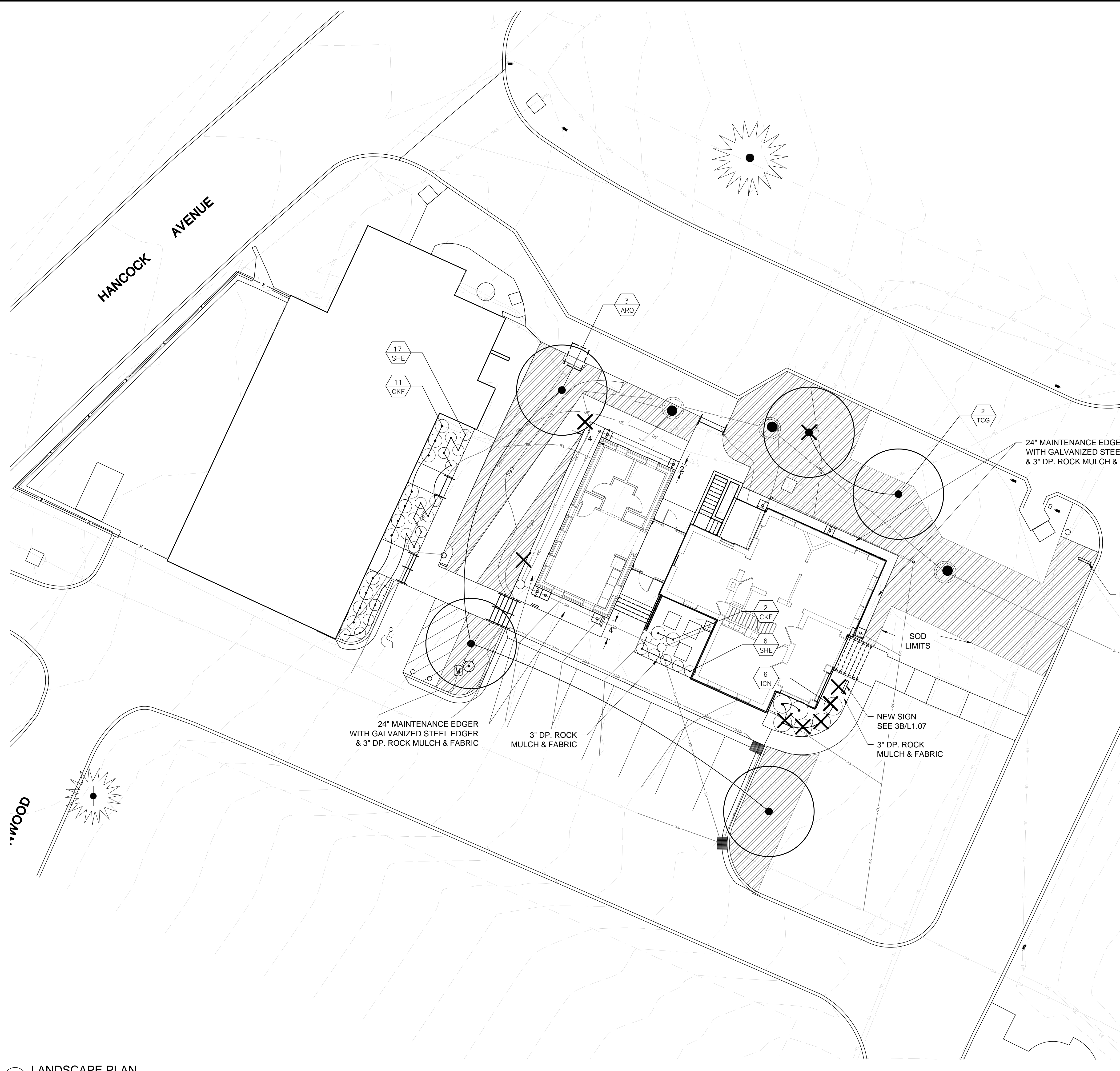
Building Number

Drawing Number
L1.07

Dwg. 10 of 67

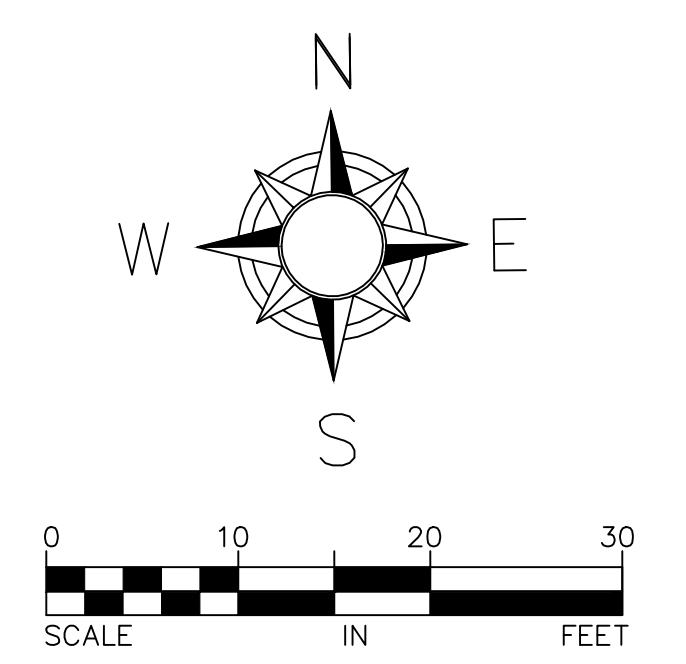
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs



LEGEND:

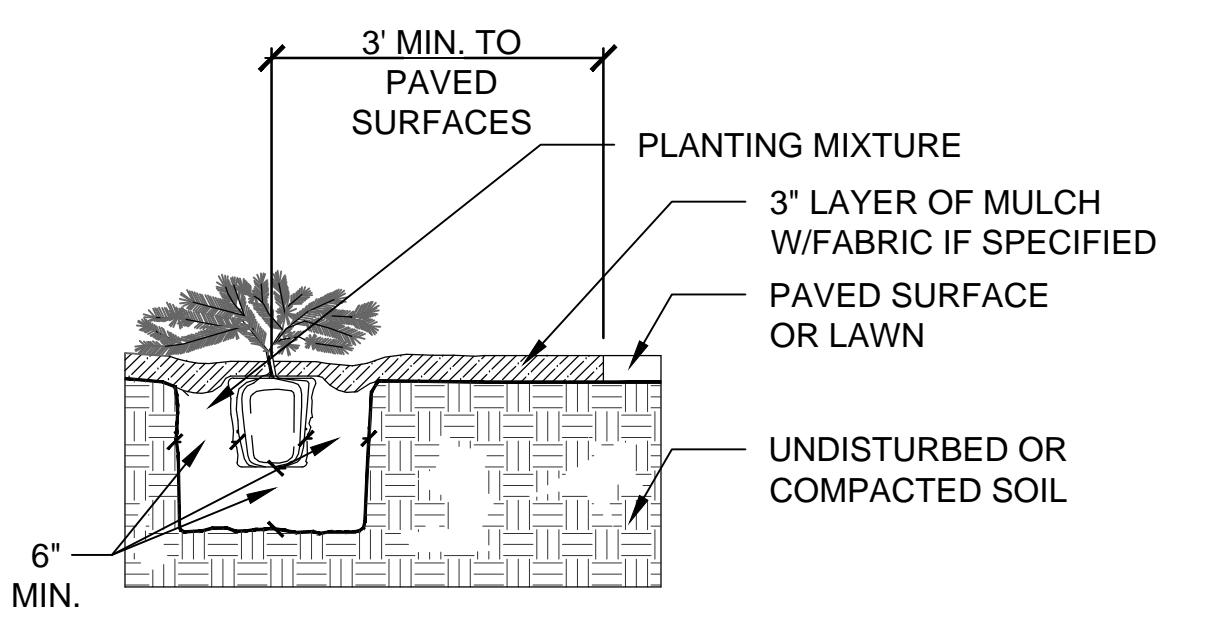
- EXISTING TREES & SHRUBS
- EXISTING TREES & SHRUBS REMOVED
- NEW TREES & SHRUBS
- NEW SOD



PLANT LIST:

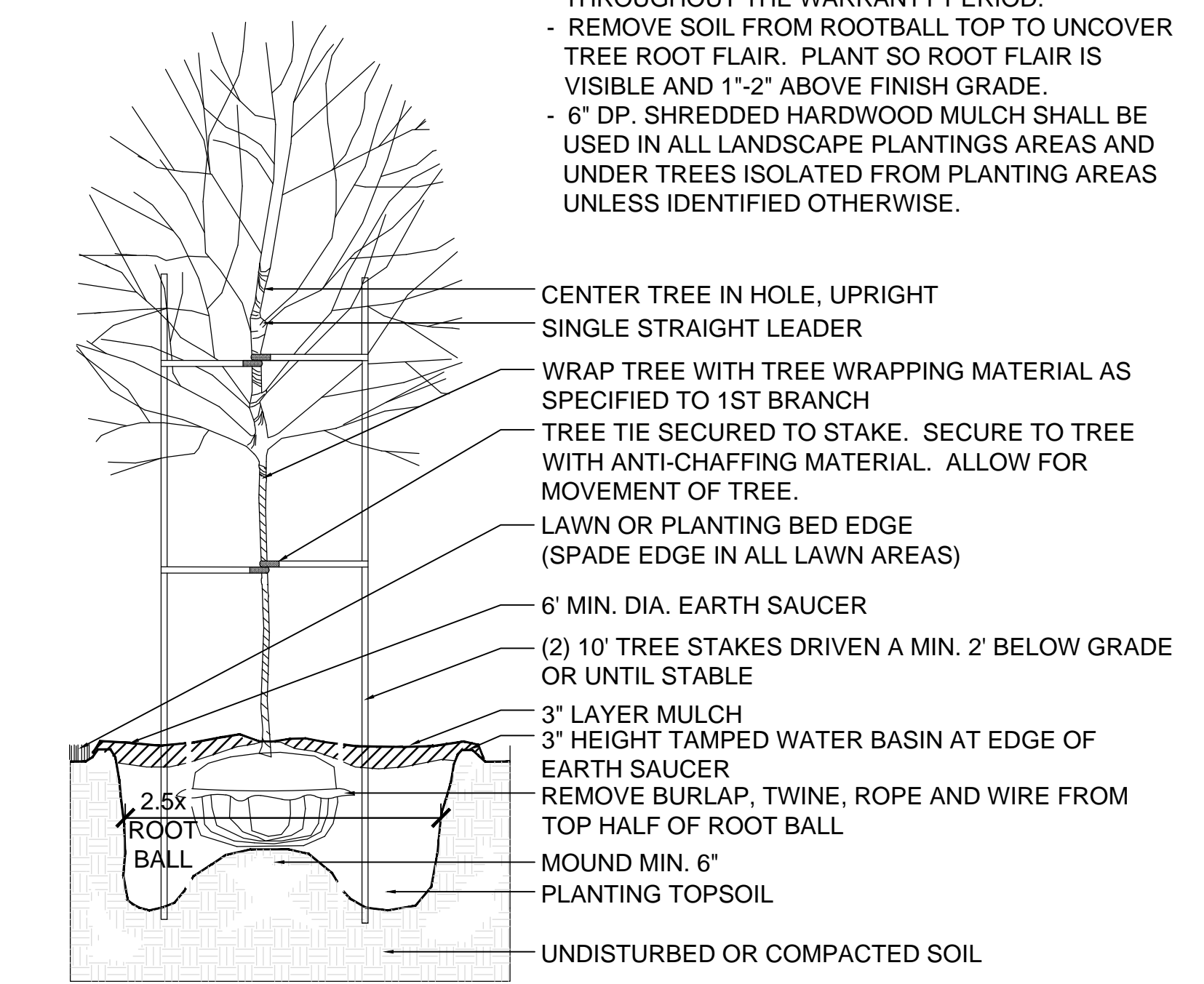
Qty.	Key	Common & Botanical Names	Size	Cont.	Remarks
DECIDUOUS TREES					
3	ARO	Maple, 'October Glory' <i>Acer rubrum 'October Glory'</i>	6" Cal.	BB	Single, straight leader No 'v' crotches
2	TCG	Linden, 'Greenspire' <i>Tilia cordata 'Greenspire'</i>	4" Cal.	BB	Single, straight leader No 'v' crotches
EVERGREEN SHRUBS					
6	ICN	Holly, Nordic Inkberry <i>Ilex glabra 'Chamzin' Nordic</i>	5 Gal.	CONT.	Min. 5 canes @ 12" ht.
PERENNIALS					
13	CKF	Grass, 'Feather Reed' <i>Calamagrostis arundinacea 'Karl Foerster Reed Grass'</i>	1 Gal.	CONT.	
23	SHE	Grass, 'Prairie Dropseed' <i>Sporobolus heterolepis</i>	1 Gal.	CONT.	

NOTE:
 1. IF THERE IS A DISCREPANCY BETWEEN THE NUMBER OF PLANTS SHOWN ON THE PLAN AND THE NUMBER OF PLANTS SHOWN IN THE PLANT LIST, THE NUMBER OF PLANTS SHOWN ON THE PLAN WILL TAKE PRECEDENCE.
 2. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION



2 CONIFEROUS SHRUB PLANTING (TYP)
SCALE: N.T.S.

NOTE:
 - CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TREES IN A PLUMB POSITION THROUGHOUT THE WARRANTY PERIOD.
 - REMOVE SOIL FROM ROOTBALL TOP TO UNCOVER TREE ROOT FLAIR. PLANT SO ROOT FLAIR IS VISIBLE AND 1"-2" ABOVE FINISH GRADE.
 - 6" DP. SHREDDED HARDWOOD MULCH SHALL BE USED IN ALL LANDSCAPE PLANTING AREAS AND UNDER TREES ISOLATED FROM PLANTING AREAS UNLESS IDENTIFIED OTHERWISE.



3 DECIDUOUS TREE PLANTING (TYP)
SCALE: N.T.S.

1 LANDSCAPE PLAN
SCALE: 1" = 10'

BID SET DOCUMENTS

<table border="1"> <thead> <tr> <th>No.</th> <th>Revisions</th> <th>Date</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	No.	Revisions	Date										<p>CONSULTANTS:</p> <p>KJ ENGINEERING CONSULTANTS The FUTURE. Built SMARTER.SM</p> <p>523 26TH AVENUE QUAD CITIES, IL 61201 309.788.0612 FAX: 309.786.5967 www.kj-ec.com</p> <p>STRUCTURAL MECHANICAL ELECTRICAL TECHNOLOGY MEDICAL EQUIPMENT SOLUTIONS</p>	<p>I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.</p> <p>PRINT NAME: CURT H. CLAES, PLA SIGNATURE: DATE: 02/25/2016 LICENSE # 45613</p>	<p>ARCHITECT/ENGINEERS:</p> <p>ANDERSON ENGINEERING</p> <p>ENGINEERING • ARCHITECTURE • LAND SURVEYING ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE AE PROJECT NO.: 13802</p> <p>Anderson Engineering of Minnesota, LLC 13605 1st Avenue North Suite 100 Plymouth, MN 55441 763-412-4000 (o) 763-412-4090 (f) www.ae-mn.com</p>	<p>Drawing Title LANDSCAPE PLAN</p> <p>Approved: Project Director</p>	<p>Project Title LODGE REHABILITATION</p> <p>Location FT LEAVENWORTH NATIONAL CEMETERY LEAVENWORTH, KS</p>	<p>Project Number 887CM3005</p> <p>Building Number</p> <p>Drawing Number L1.08</p> <p>Dwg. 11 of 67</p>	<p>Office of Construction and Facilities Management</p> <p>VA </p>
	No.	Revisions	Date																
<p>02-25-2016</p> <p>Checked CHC Drawn JAF</p>																			
	<p>U.S. Department of Veterans Affairs</p>																		