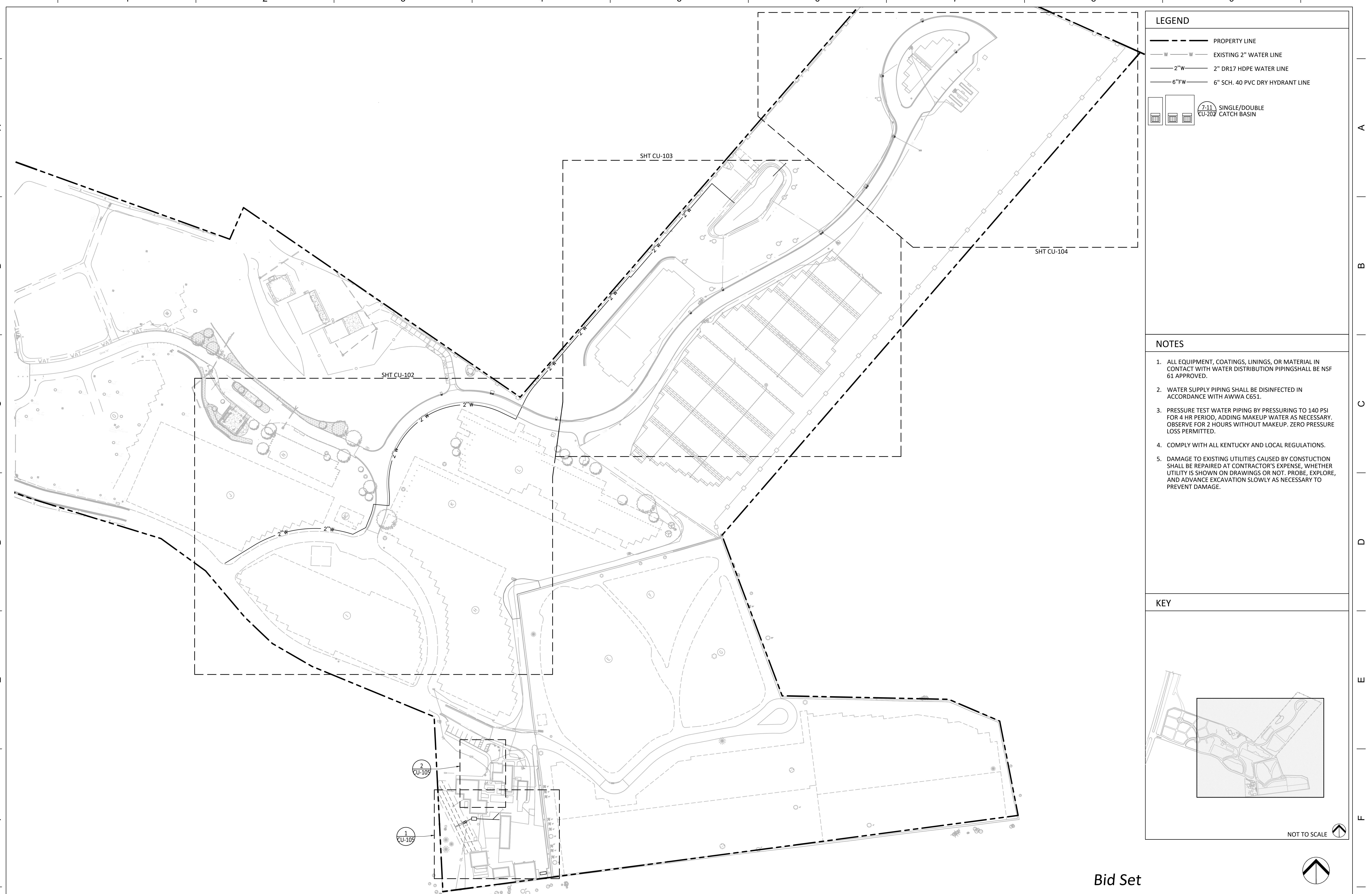
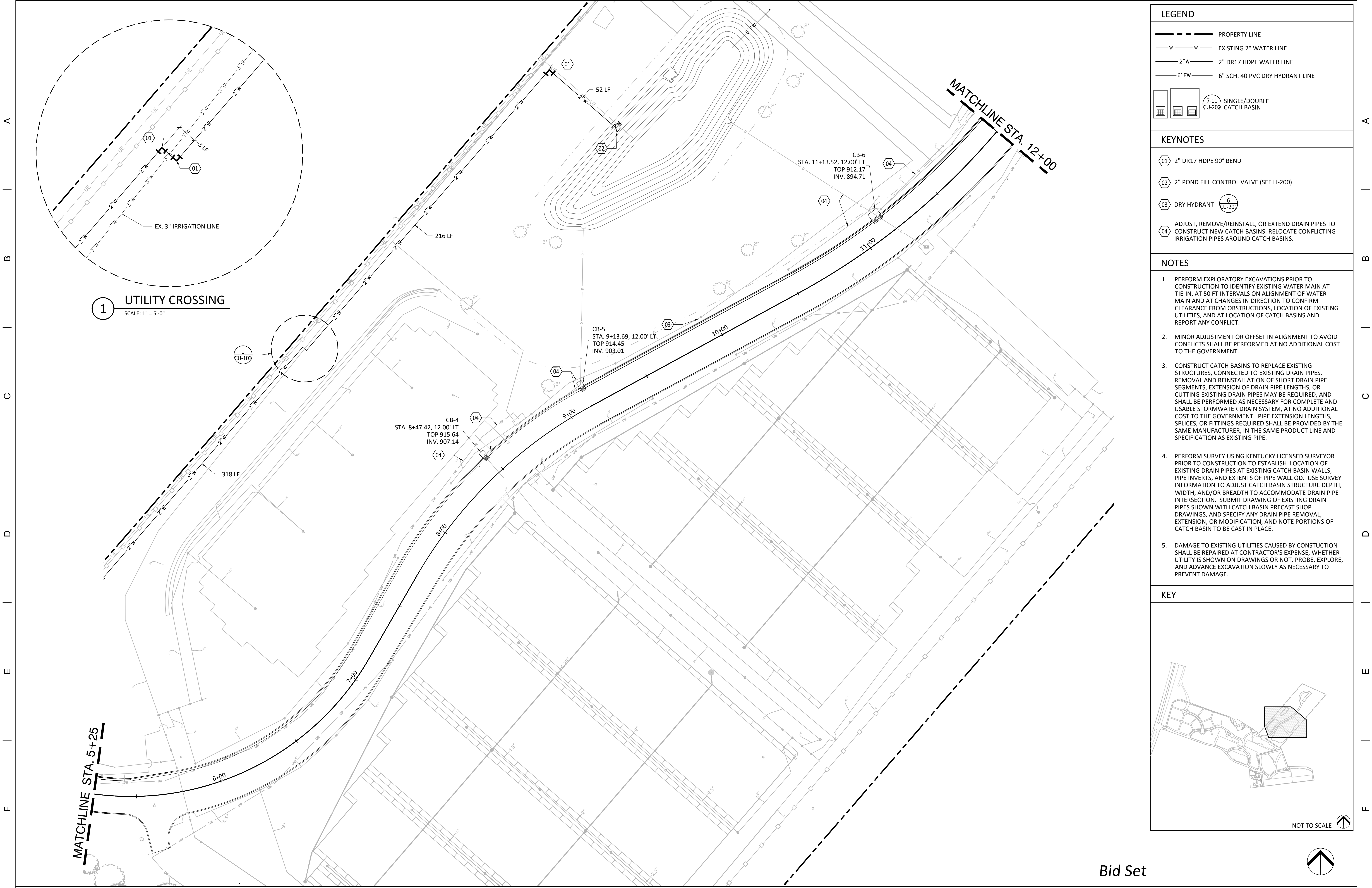


[illegible]



LEGEND

- PROPERTY LINE
- EXISTING 2" WATER LINE
- 2" DR17 HDPE WATER LINE
- 6" SCH. 40 PVC DRY HYDRANT LINE
- 7-11 SINGLE/DOUBLE CU-207 CATCH BASIN

KEYNOTES

- 01 2" DR17 HDPE 90° BEND
- 02 2" POND FILL CONTROL VALVE (SEE LI-200)
- 03 DRY HYDRANT
- 04 ADJUST, REMOVE/REINSTALL, OR EXTEND DRAIN PIPES TO CONSTRUCT NEW CATCH BASINS. RELOCATE CONFLICTING IRRIGATION PIPES AROUND CATCH BASINS.

NOTES

- PERFORM EXPLORATORY EXCAVATIONS PRIOR TO CONSTRUCTION TO IDENTIFY EXISTING WATER MAIN AT TIE-IN, AT 50 FT INTERVALS ON ALIGNMENT OF WATER MAIN AND AT CHANGES IN DIRECTION TO CONFIRM CLEARANCE FROM OBSTRUCTIONS, LOCATION OF EXISTING UTILITIES, AND AT LOCATION OF CATCH BASINS AND REPORT ANY CONFLICT.
- MINOR ADJUSTMENT OR OFFSET IN ALIGNMENT TO AVOID CONFLICTS SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE GOVERNMENT.
- CONSTRUCT CATCH BASINS TO REPLACE EXISTING STRUCTURES, CONNECTED TO EXISTING DRAIN PIPES. REMOVAL AND REINSTALLATION OF SHORT DRAIN PIPE SEGMENTS, EXTENSION OF DRAIN PIPE LENGTHS, OR CUTTING EXISTING DRAIN PIPES MAY BE REQUIRED, AND SHALL BE PERFORMED AS NECESSARY FOR COMPLETE AND USABLE STORMWATER DRAIN SYSTEM, AT NO ADDITIONAL COST TO THE GOVERNMENT. PIPE EXTENSION LENGTHS, SPLICES, OR FITTINGS REQUIRED SHALL BE PROVIDED BY THE SAME MANUFACTURER, IN THE SAME PRODUCT LINE AND SPECIFICATION AS EXISTING PIPE.
- PERFORM SURVEY USING KENTUCKY LICENSED SURVEYOR PRIOR TO CONSTRUCTION TO ESTABLISH LOCATION OF EXISTING DRAIN PIPES AT EXISTING CATCH BASIN WALLS, PIPE INVERTS, AND EXTENTS OF PIPE WALL OD. USE SURVEY INFORMATION TO ADJUST CATCH BASIN STRUCTURE DEPTH, WIDTH, AND/OR BREADTH TO ACCOMMODATE DRAIN PIPE INTERSECTION. SUBMIT DRAWING OF EXISTING DRAIN PIPES SHOWN WITH CATCH BASIN PRECAST SHOP DRAWINGS, AND SPECIFY ANY DRAIN PIPE REMOVAL, EXTENSION, OR MODIFICATION, AND NOTE PORTIONS OF CATCH BASIN TO BE CAST IN PLACE.
- DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE, WHETHER UTILITY IS SHOWN ON DRAWINGS OR NOT. PROBE, EXPLORE, AND ADVANCE EXCAVATION SLOWLY AS NECESSARY TO PREVENT DAMAGE.

KEY

NOT TO SCALE

Revisions	Date

PRIME CONSULTANT

WFS

Walker Federal Services, LLC
7820B-162 Wormans Mill Road
Frederick, Maryland 21701

CONSULTANTS

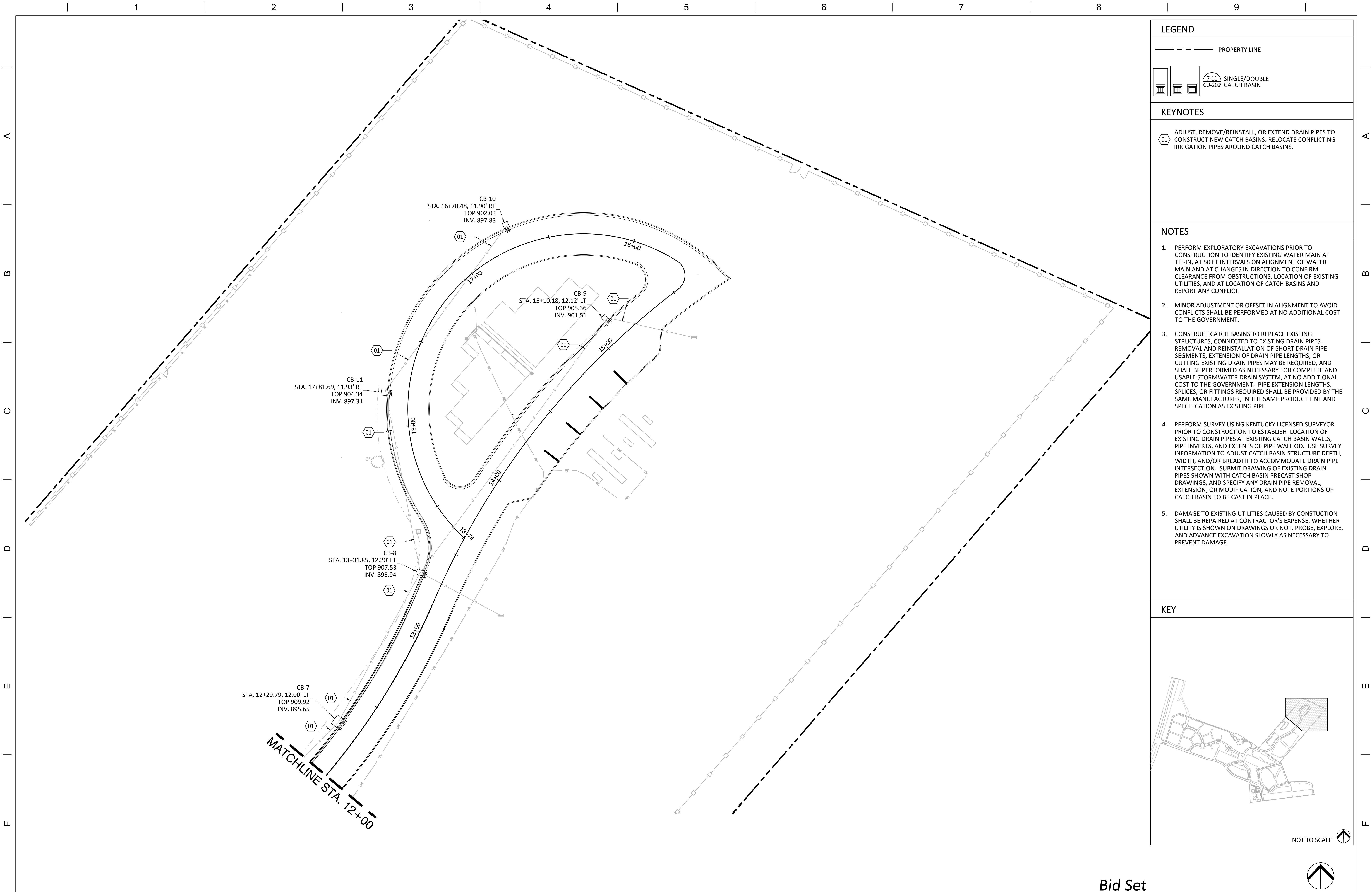
PRINCIPAL Engineering

128 NORTH PARK BLVD.,
COVINGTON, LA 70433

ANDRE C. MONNOT
REGISTERED PROFESSIONAL ENGINEER

NATIONAL CEMETERY ADMINISTRATION

Drawing Title UTILITY PLAN	Project Title Correct FCA Deficiencies	Date JANUARY 7, 2026
Approved:	Building Number	Checked ACM
Approved:	Drawn LMR	Drawing No. CU-103
	Location CAMP NELSON NATIONAL CEMETERY	Dwg. 35 Of 166



Revisions	Date

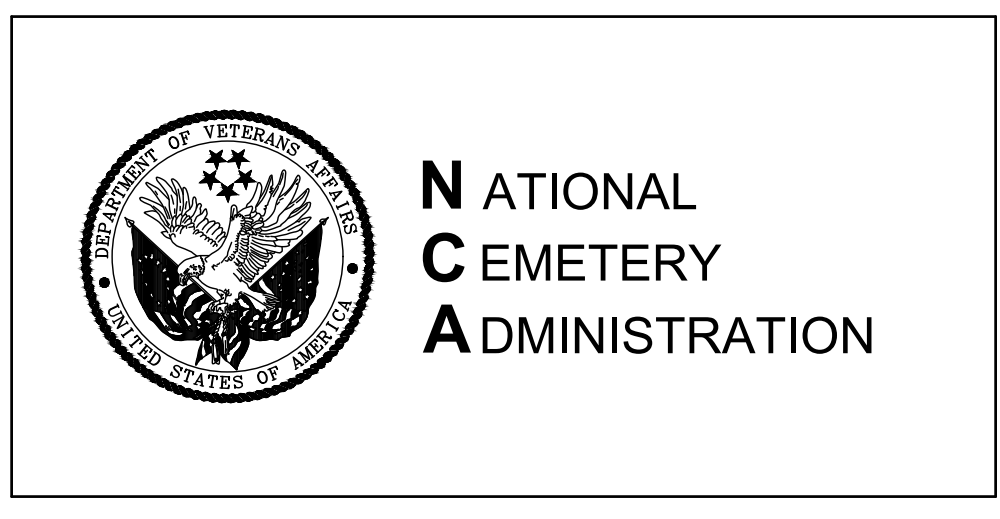
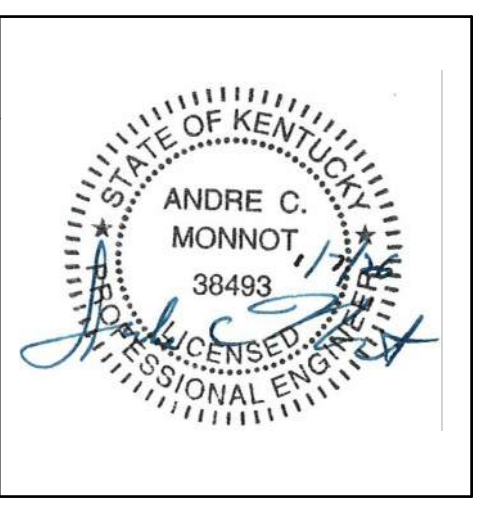
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WFS

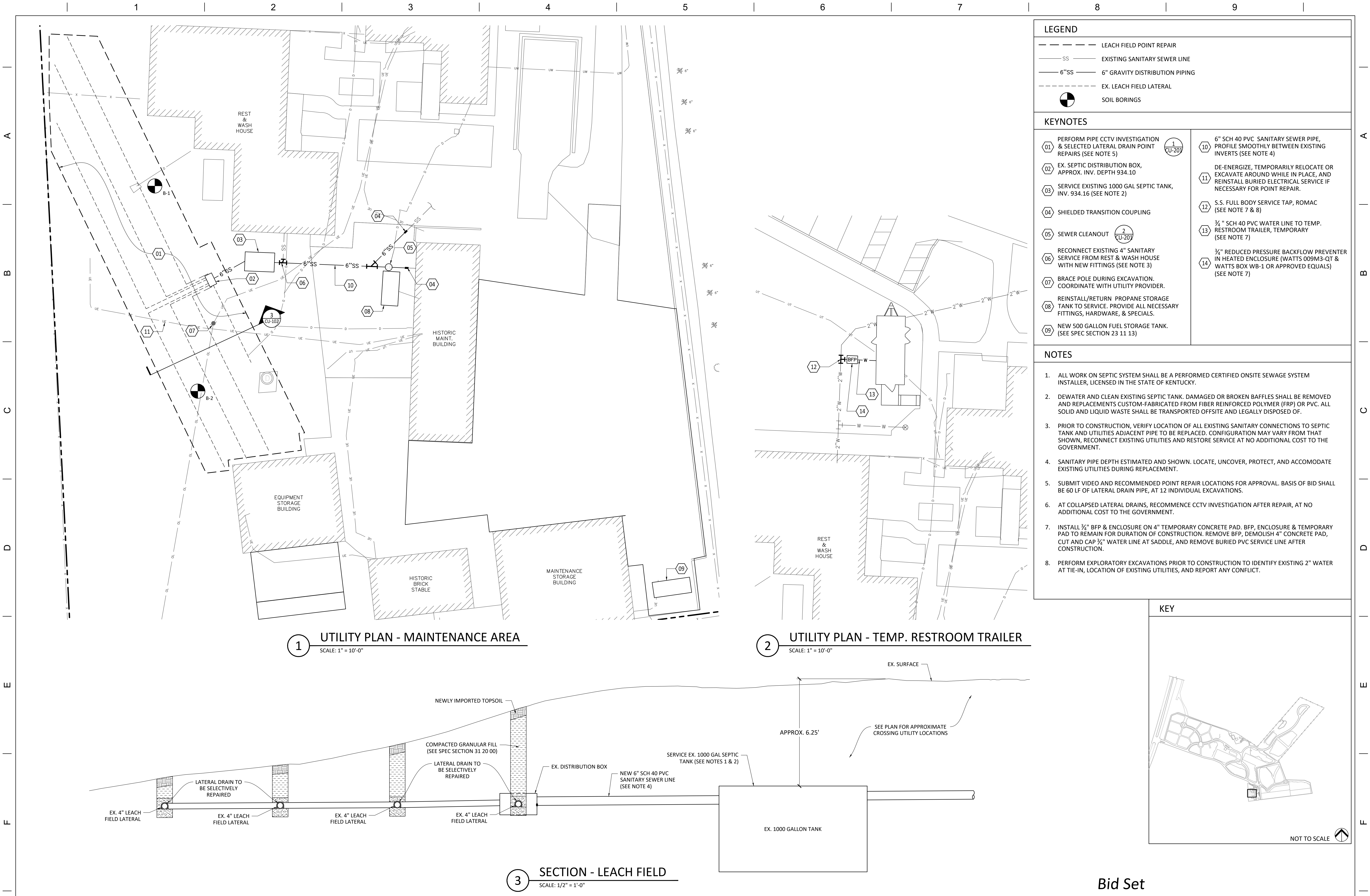
Walker Federal Services, LLC
7820B-162 Wormans Mill Road
Frederick, Maryland 21701

CONSULTANTS

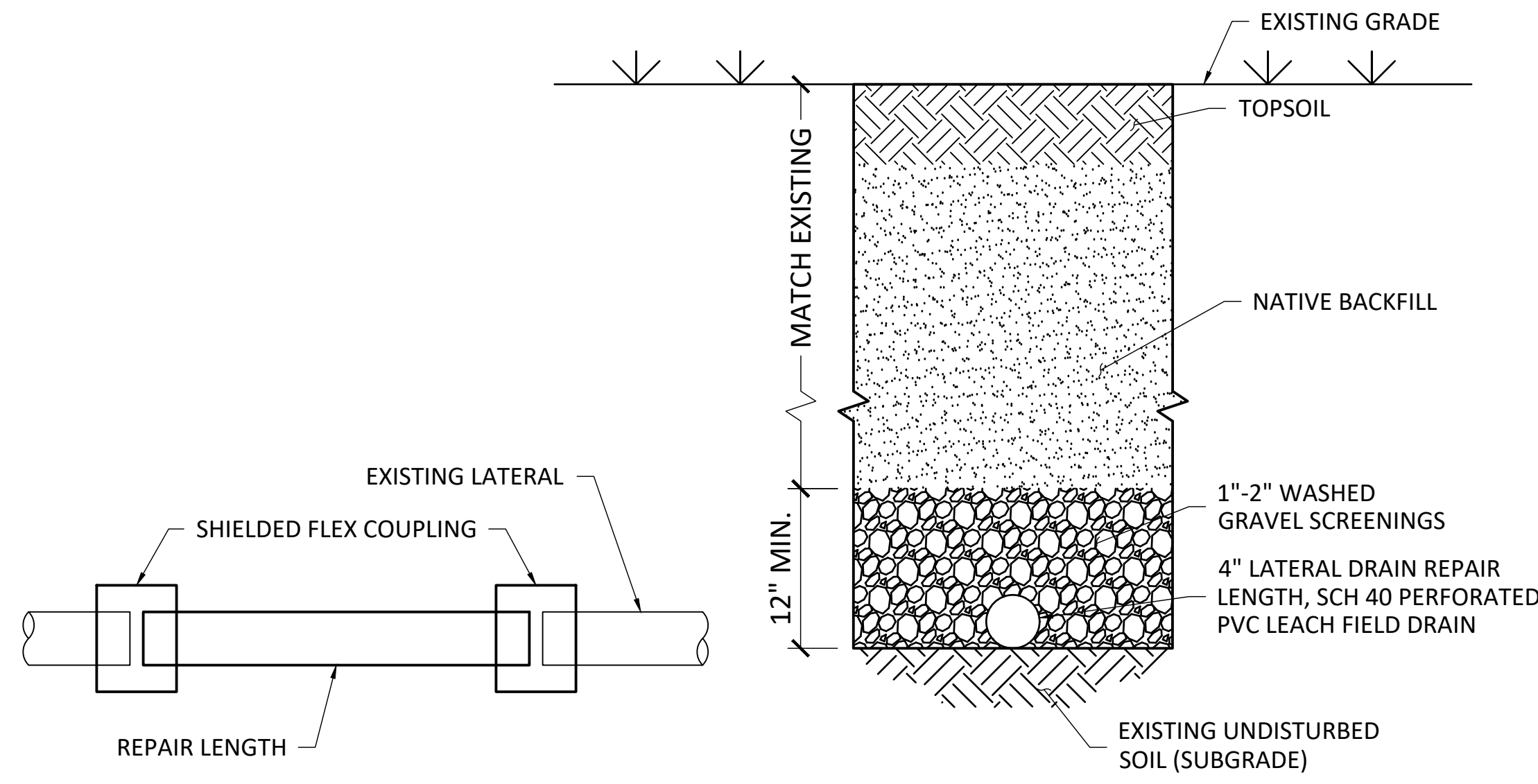
PRINCIPAL
Engineering
128 Northpark Blvd.,
Covington, LA 70433



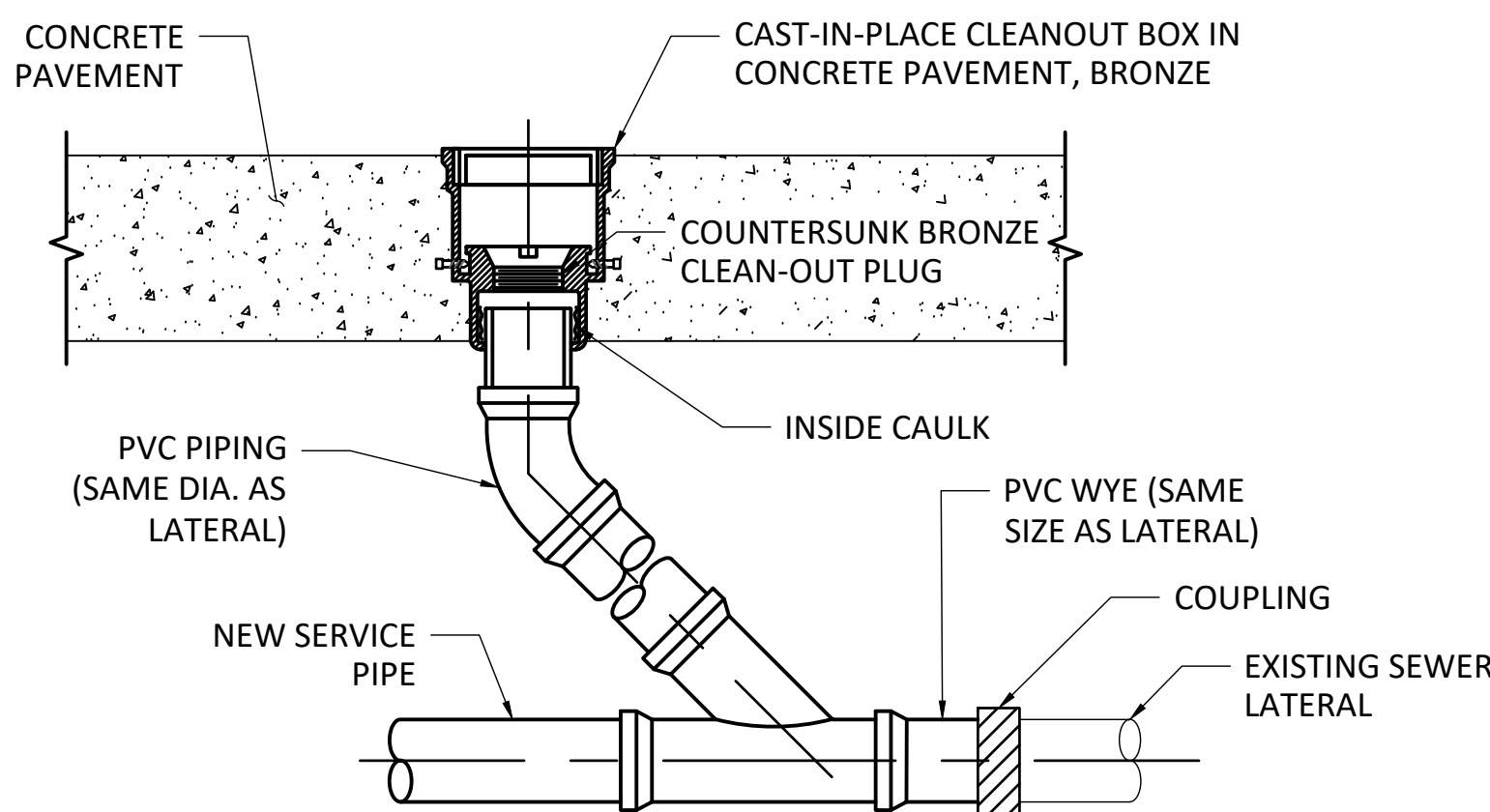
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Approved:	Building Number	Checked ACM
Approved:	Location CAMP NELSON NATIONAL CEMETERY	Drawn LMR
		DRAWING NO. CU-104
		Dwg. 36 Of 166



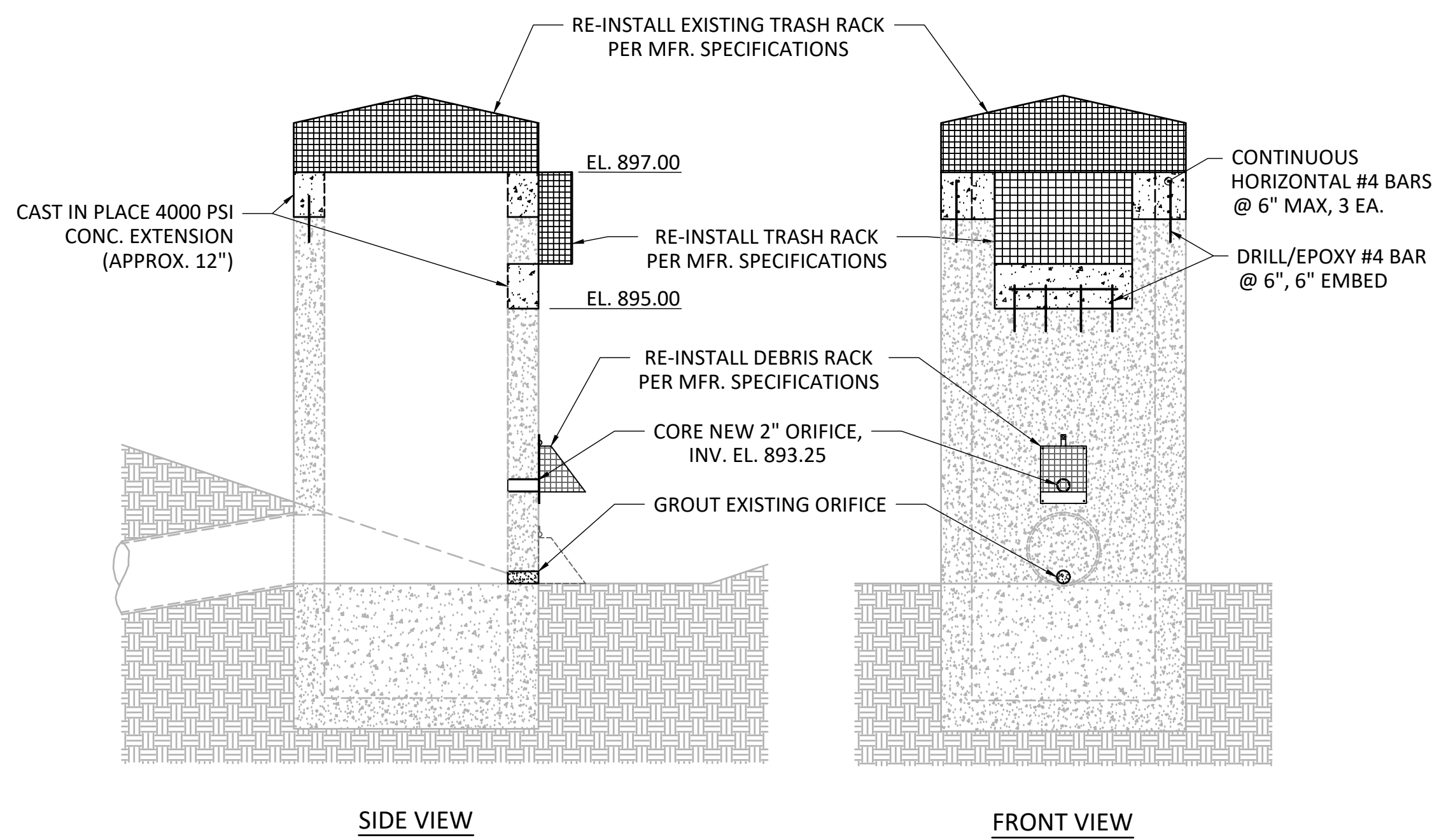
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					DRAWING NO. CU-105		
					Dwg. 37 Of 166		
Revisions	Date						



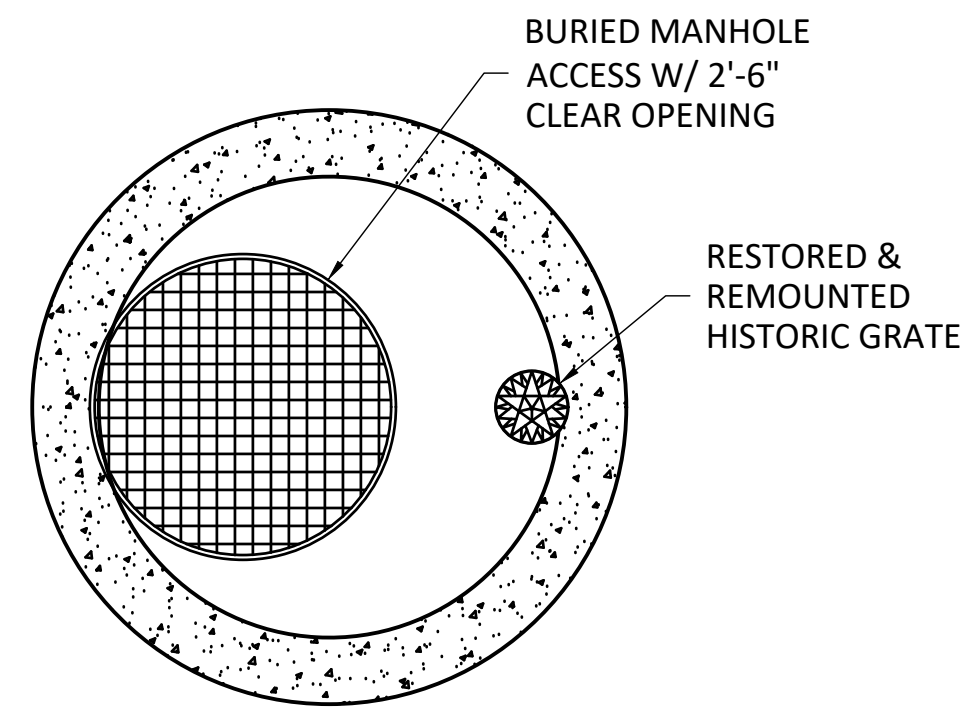
1 LATERAL DRAIN POINT REPAIR
SCALE: 1-1/2" = 1'-0"



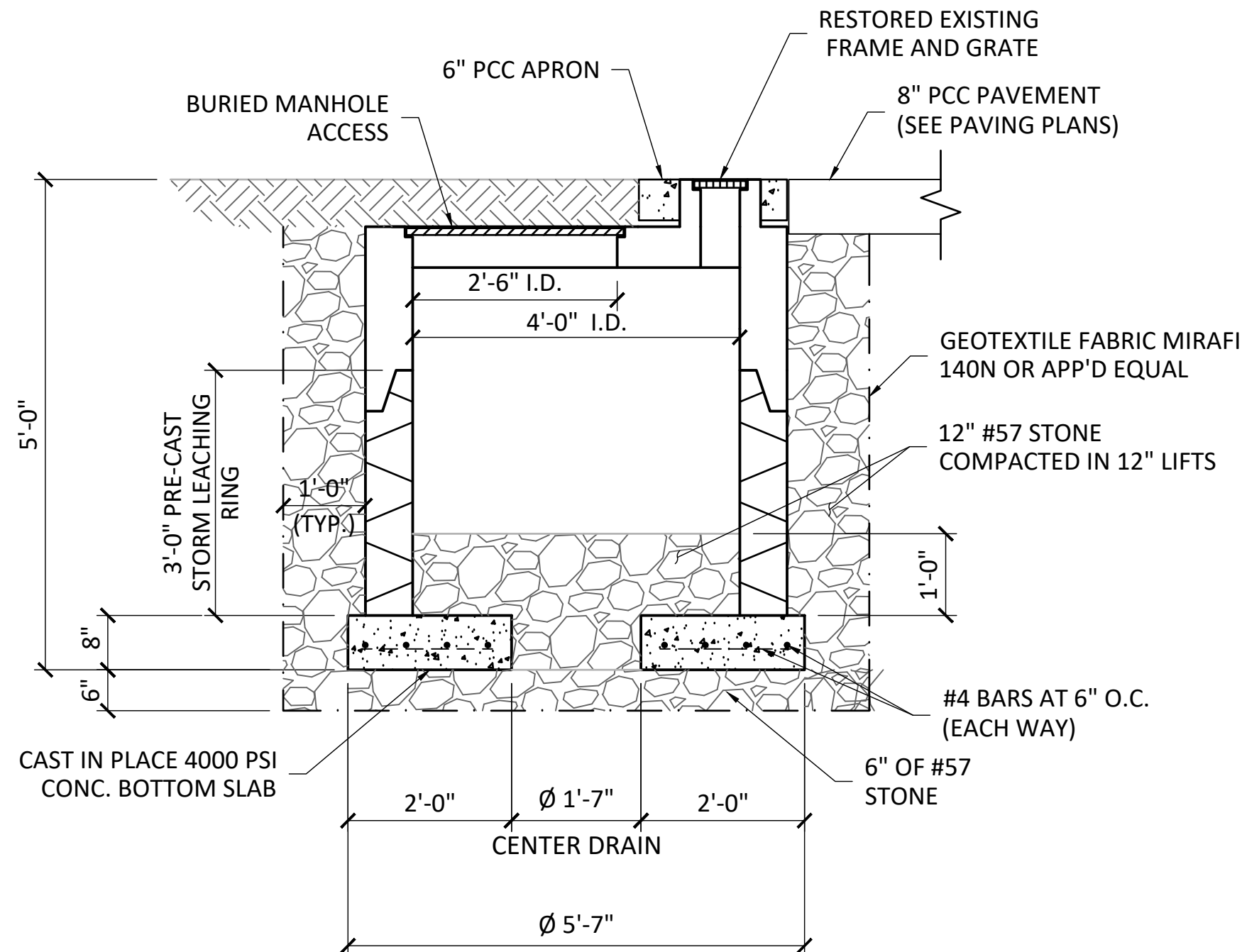
2 SEWER CLEANOUT (AT GRADE)
SCALE: 1-1/2" = 1'-0"



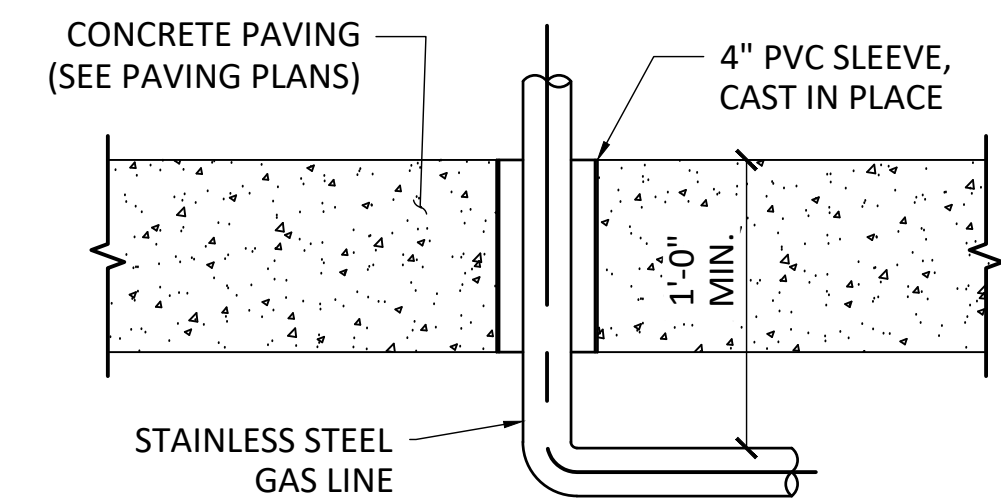
3 STORMWATER MANAGEMENT OUTLET
MODIFICATION & TRASH RACK INSTALLATION
N.T.S.



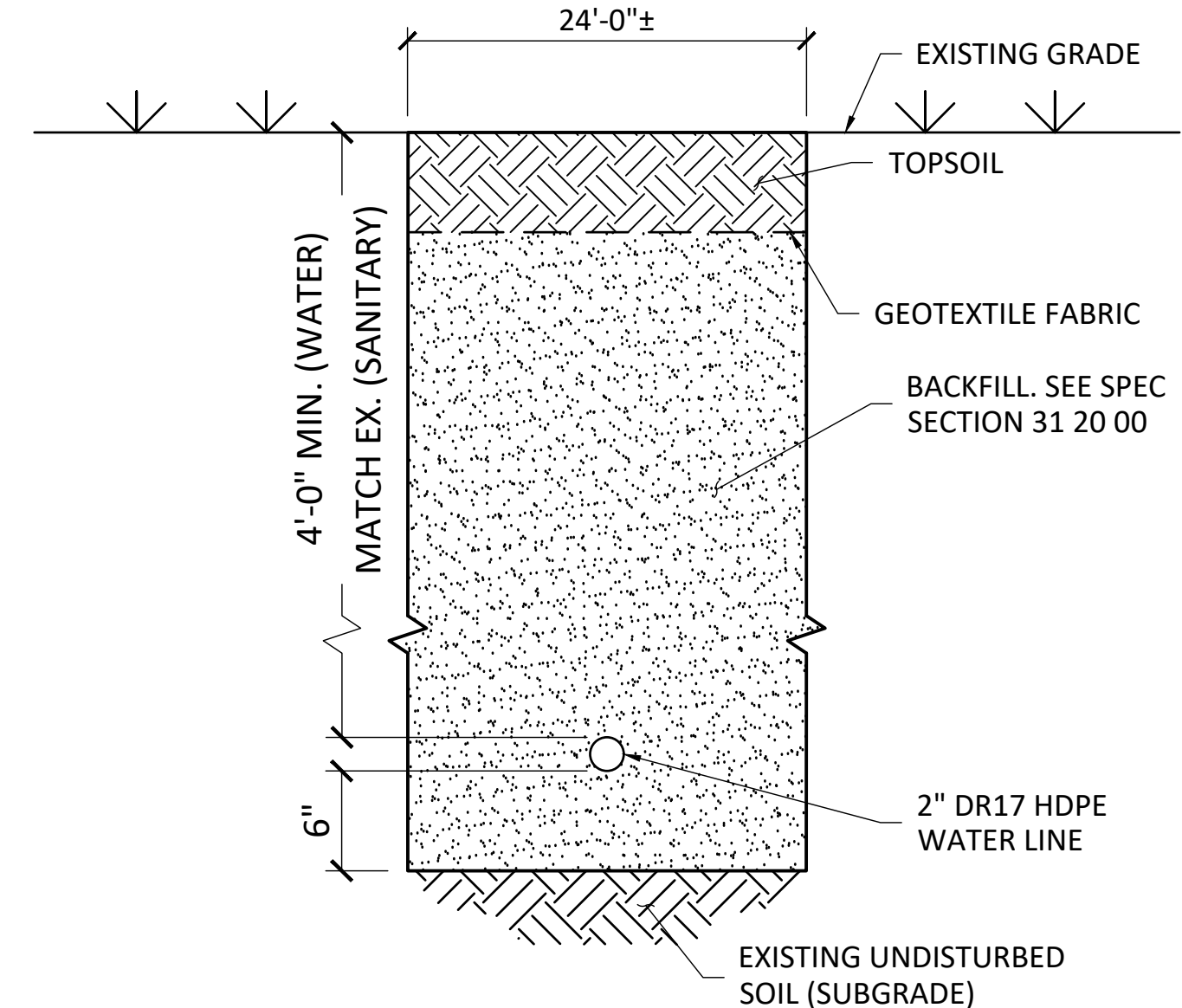
4 INFILTRATION BASIN PLAN VIEW
SCALE: 1" = 20'-0"



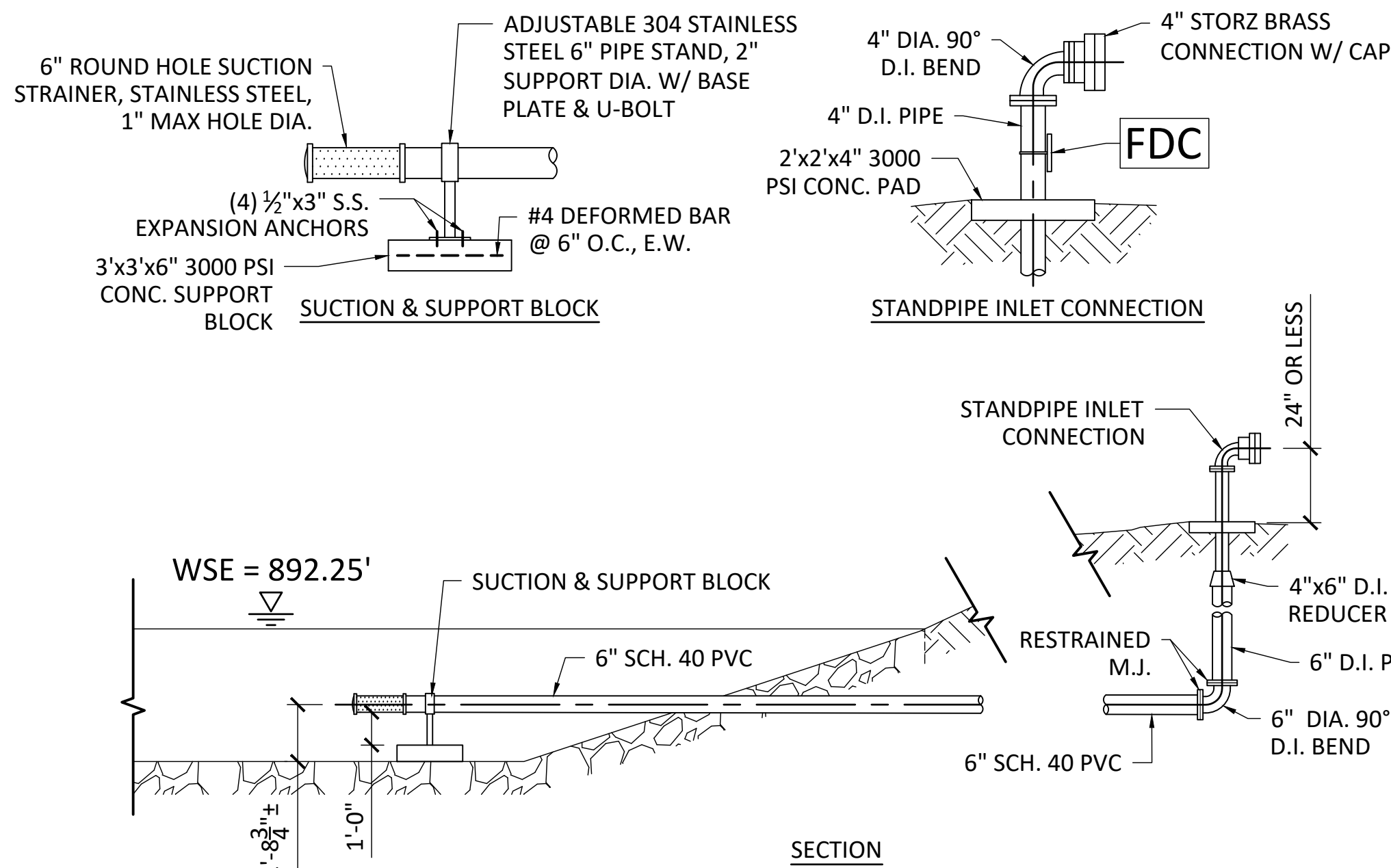
5 INFILTRATION BASIN DETAIL
SCALE: 1" = 20'-0"



7 GAS LINE SLEEVE (THROUGH SLAB)
SCALE: 1-1/2" = 1'-0"



8 UTILITY TRENCH SECTION (DIRECT BURY)
SCALE: N.T.S.



6 DRY HYDRANT (POND)
SCALE: 1/4" = 1'-0"

Bid Set

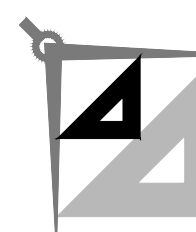
Revisions	Date

PRIME CONSULTANT



Walker Federal Services, LLC
7820B-162 Wormans Mill Road
Frederick, Maryland 21701

CONSULTANTS

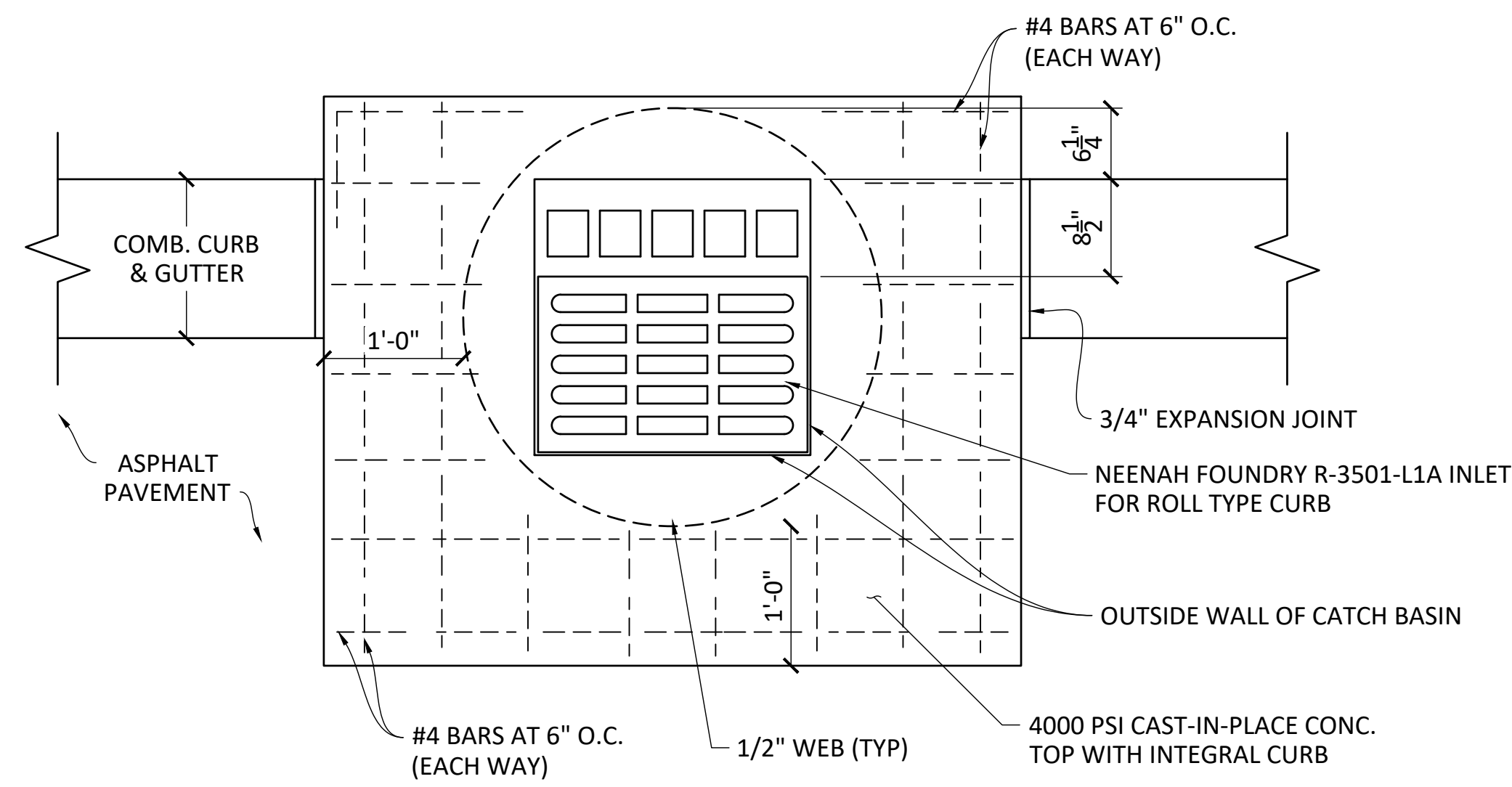


PRINCIPAL
Engineering
128 NORTH PARK BLVD.,
COVINGTON, LA 70433

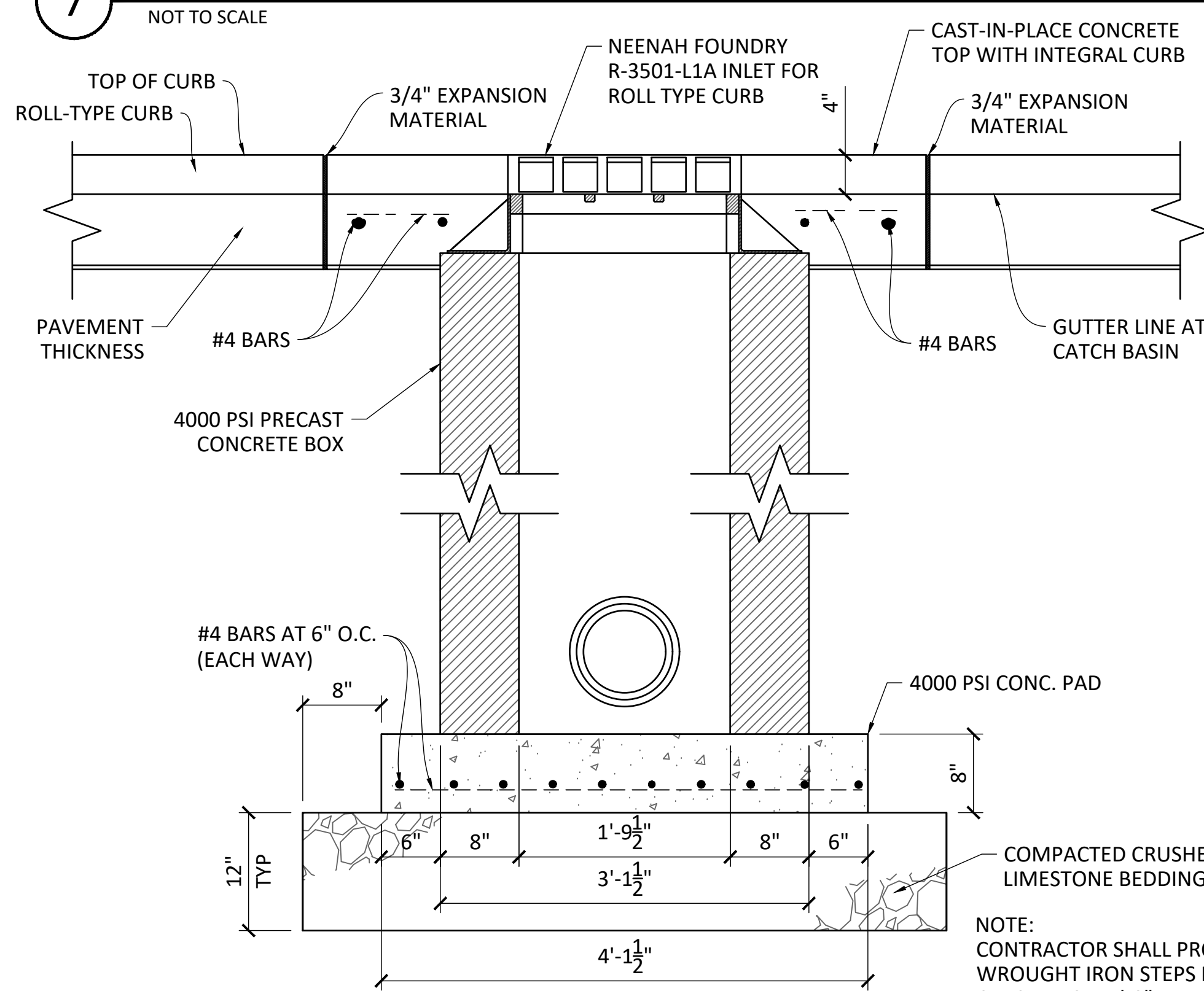


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CEMETERY
ADMINISTRATION

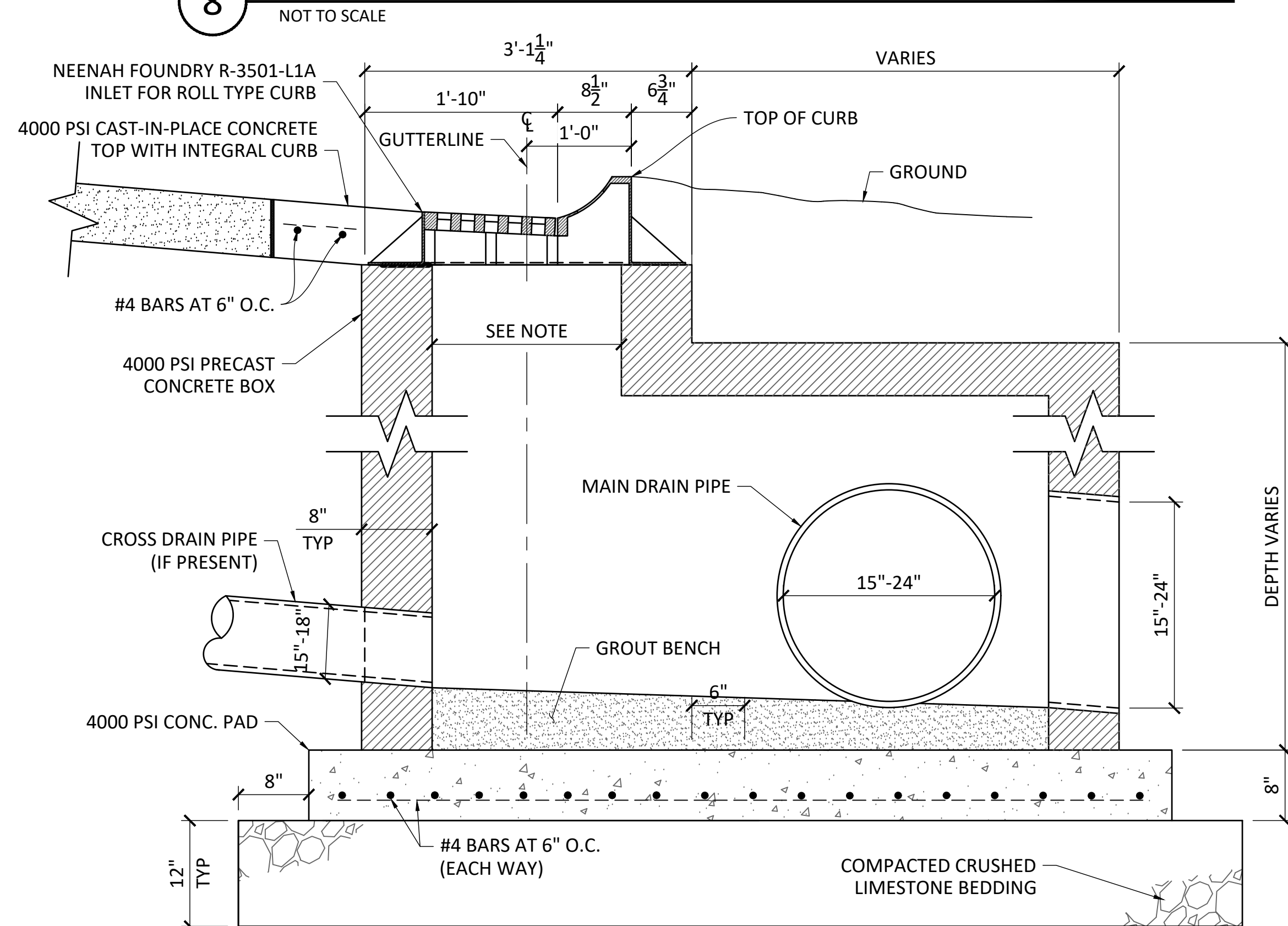
Drawing Title UTILITY DETAILS	Project Title Correct FCA Deficiencies	Date JANUARY 7, 2026
Approved:	Building Number	Checked ACM
Approved:	Location CAMP NELSON NATIONAL CEMETERY	Drawn LMR
DRAWING NO. CU-201		Dwg. 38 Of 166



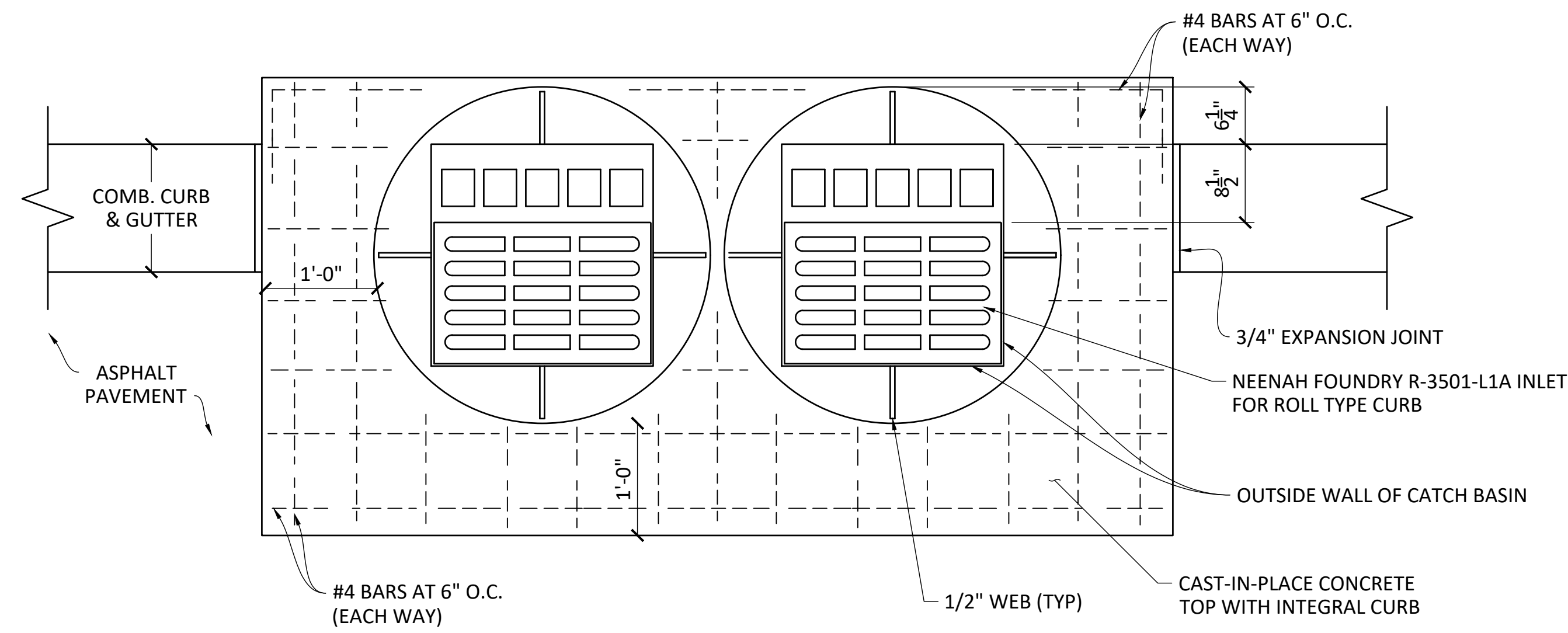
7 CATCH BASIN PLAN (SINGLE)



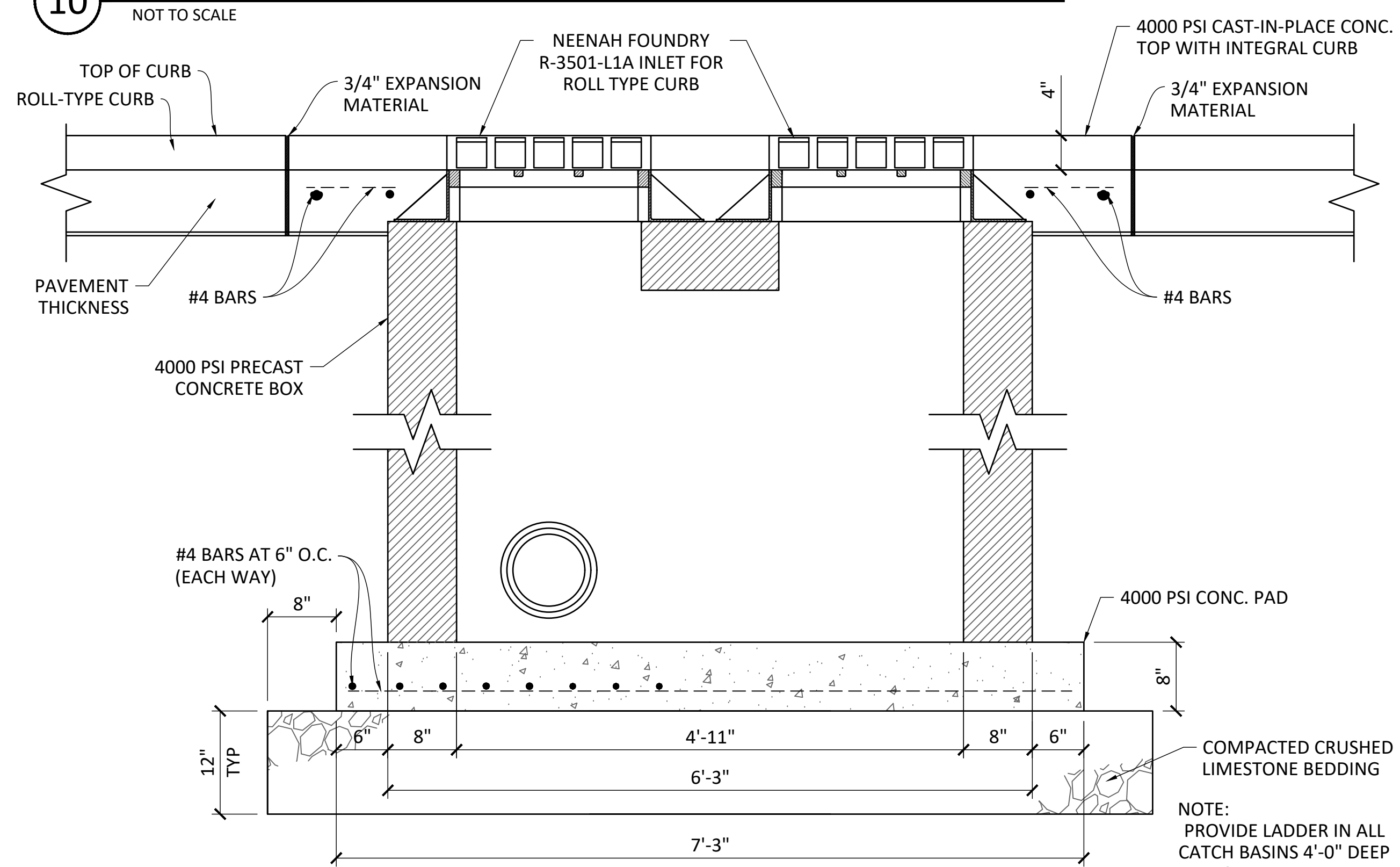
8 CATCH BASIN ELEVATION (SINGLE)



9 CATCH BASIN SECTION



10 CATCH BASIN PLAN (DOUBLE)

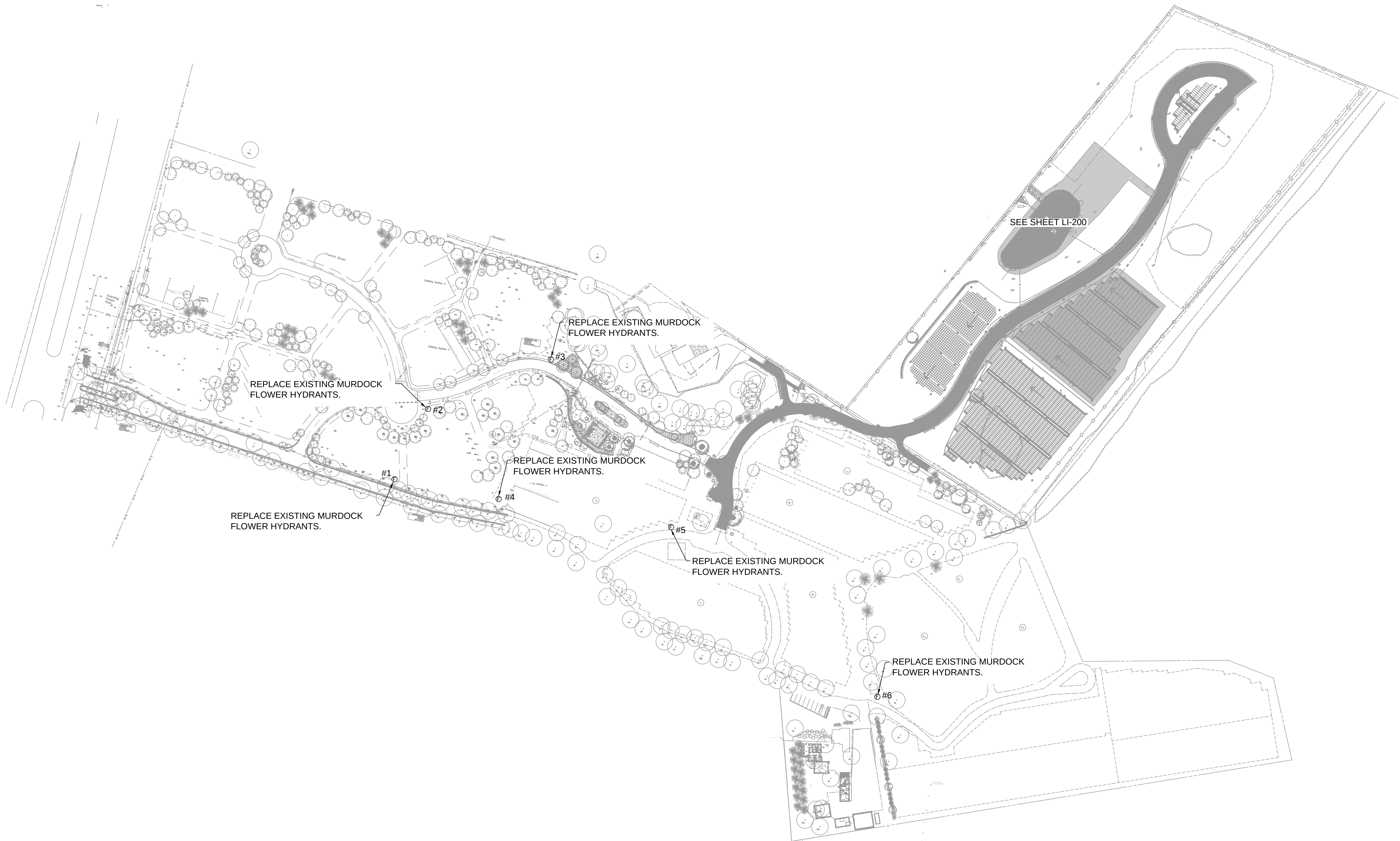


11 CATCH BASIN ELEVATION (DOUBLE)

NOTE: STRUCTURE DIMENSIONS ARE NOMINAL AND SHALL BE ADJUSTED FOR EXISTING PIPE GEOMETRY. SEE NOTES ON CU-102.

Bid Set

		PRIME CONSULTANT		CONSULTANTS		Drawing Title UTILITY DETAILS		Project Title Correct FCA Deficiencies		Date JANUARY 7, 2026	
		WFS Walker Federal Services, I.L.C. 7820B-162 Wormans Mill Road Frederick, Maryland 21701		PRINCIPAL Engineering 128 NORTH PARK BLVD., COVINGTON, LA 70433		Approved:		Building Number		Checked ACM	
						Approved:		Drawn LMR		DRAWING NO. CU-202	
								Location CAMP NELSON NATIONAL CEMETERY		Dwg. 39 Of 166	



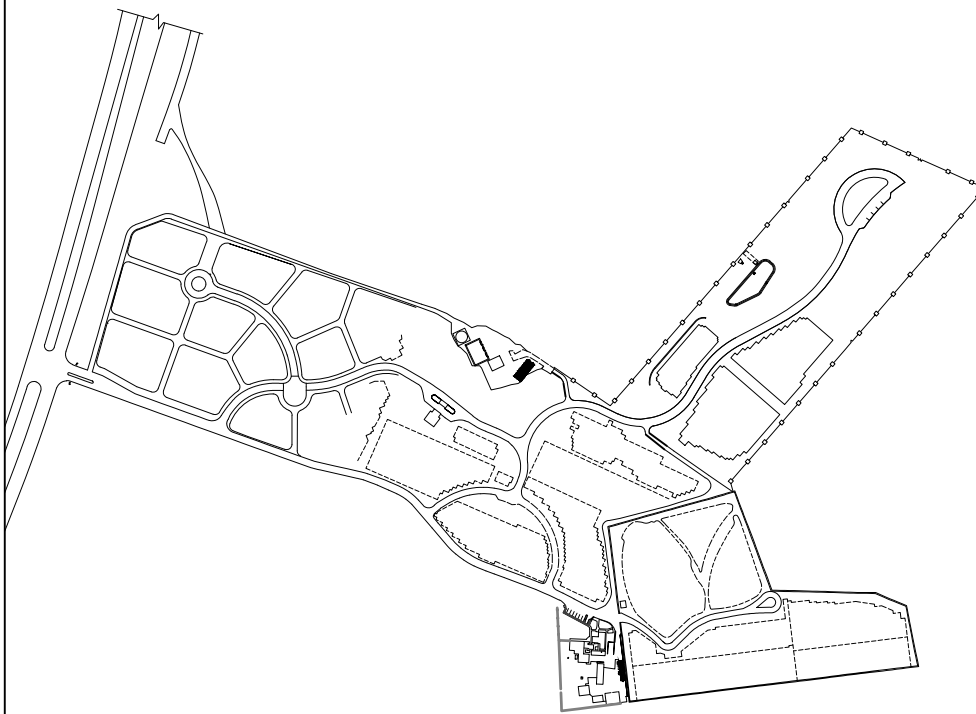
GENERAL DESCRIPTION:
ALL FLOWER WATER STATIONS ARE CONNECTED TO THE EXISTING DOMESTIC POTABLE WATER LINE.
EXISTING MURDOCK FLOWER WATER STATIONS HYDRANTS TO BE REPLACED WITH NEW FLOWER WATERING STATIONS. TO BE INSTALLED AS PER INSTALLATION DETAIL, LI-300.

LEGEND

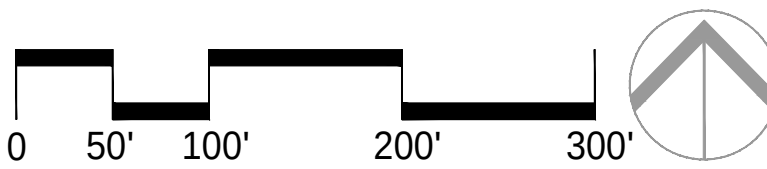
NOTES

1. LOCATE ALL EXISTING IRRIGATION COMPONENTS AT SITE BEFORE STARTING CONSTRUCTION.
2. REPLACE AND/OR REPAIR ANY EXISTING IRRIGATION DAMAGED DURING NEW CONSTRUCTION.
3. REFER TO LI-200 SERIES SHEETS FOR IRRIGATION INSTALLATION AROUND POND
4. REFER TO LI-300 SERIES SHEETS FOR INSTALLATION DETAILS.

KEY



NOT TO SCALE



Bid Set

Revisions	Date

PRIME CONSULTANT



Walker Federal Services, LLC
7820B-162 Wormans Mill Road
Frederick, Maryland 21701

CONSULTANTS



NATIONAL
CEMETERY
ADMINISTRATION

Drawing Title
IRRIGATION PLAN
FLOWER WATERING
STATION REPLACEMENT

Approved:

Approved:

Project Title
Correct FCA Deficiencies

Building Number

Checked
NWG

Drawn

Date
JANUARY 7, 2026

Project No.
833CM3030

DRAWING NO.

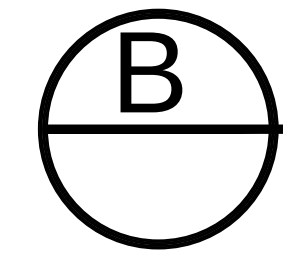
LI-100

Dwg. 40 Of 166

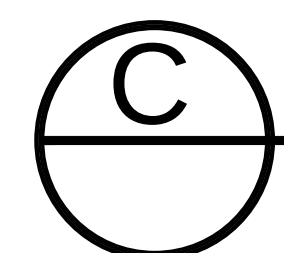


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NTS



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NTS

Dwg. 42 Of 166

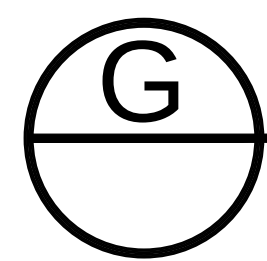
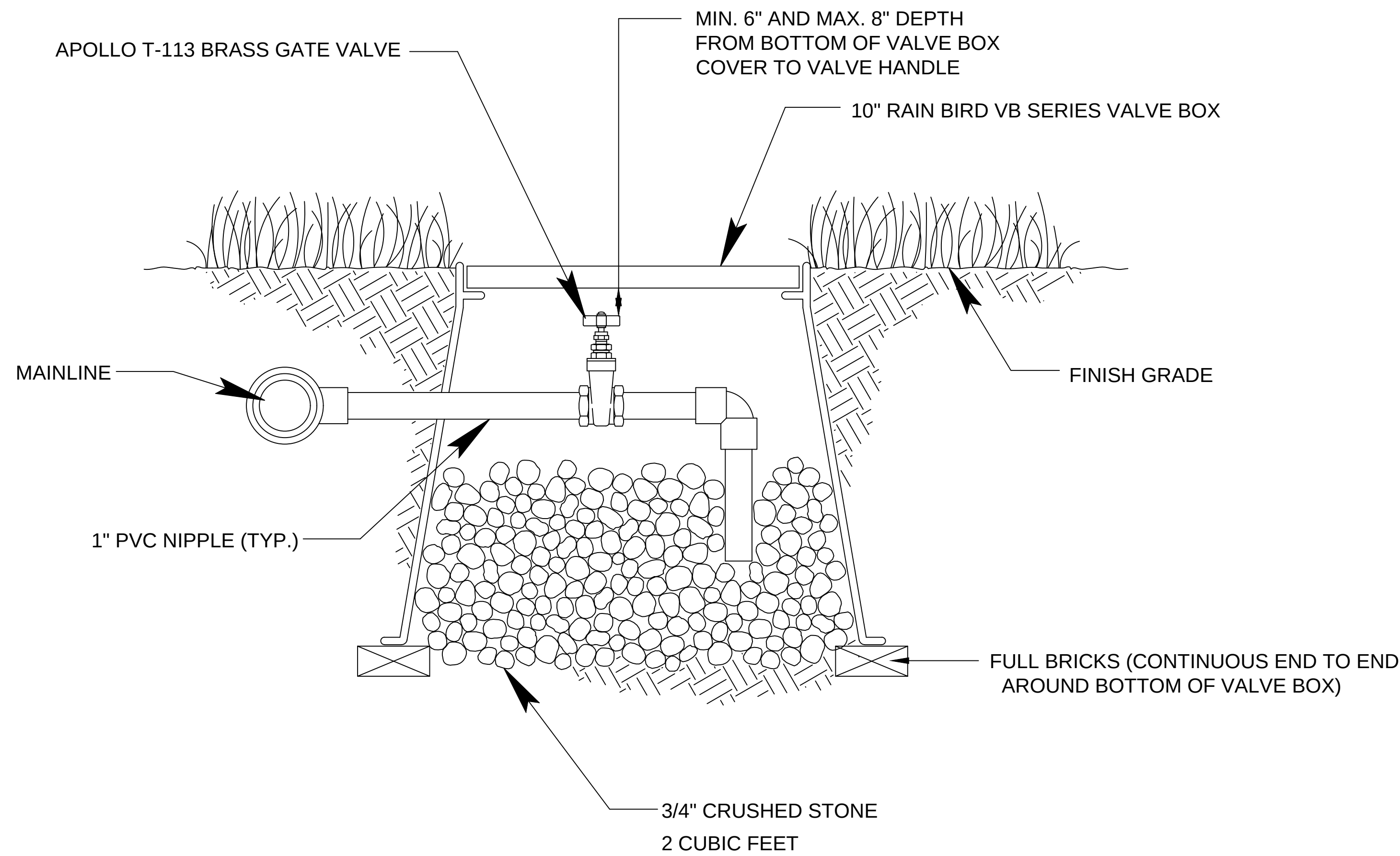
© COPYRIGHT 2022, Walker Federal Services, LLC

WFS



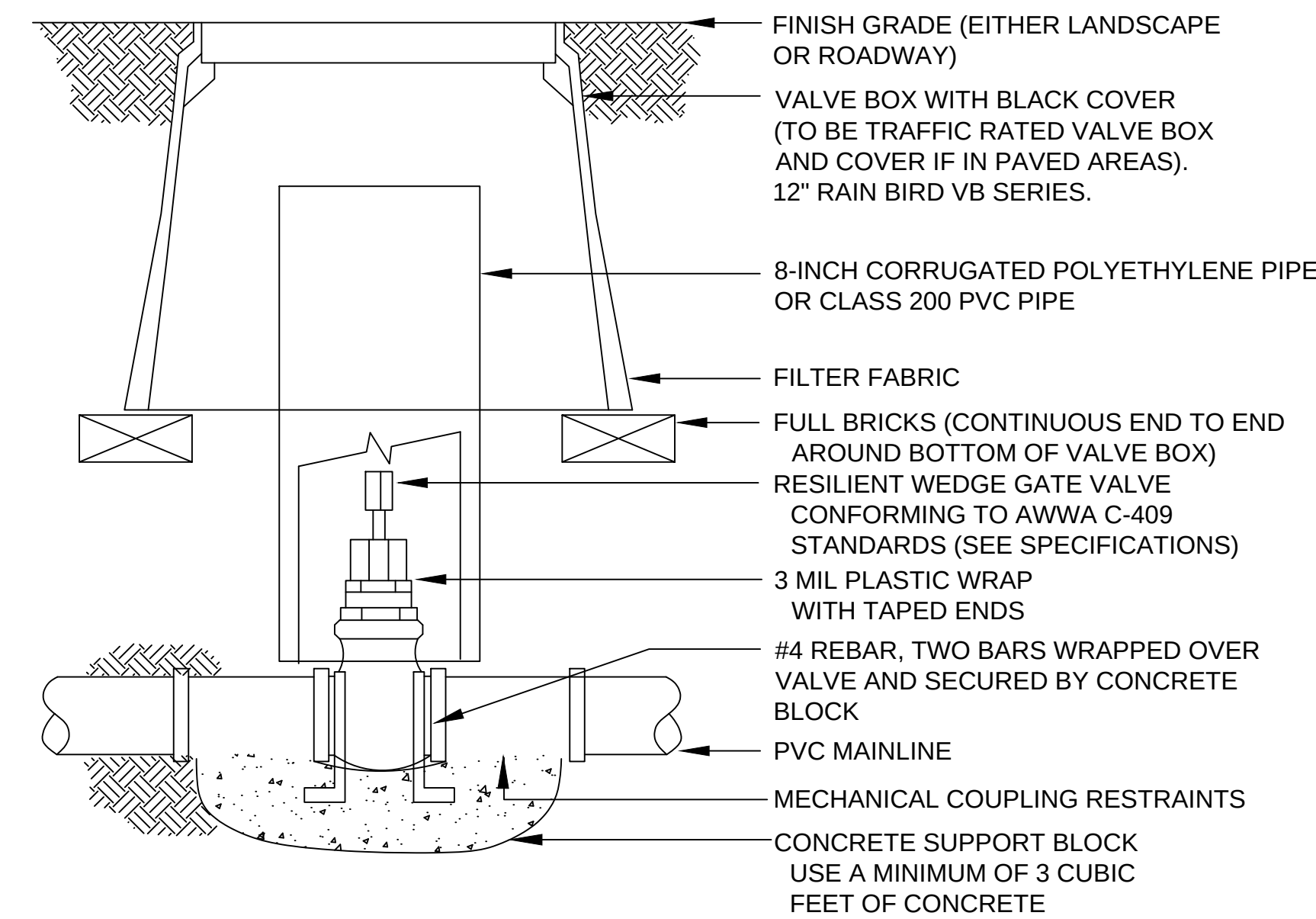
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9



MANUAL DRAIN VALVE

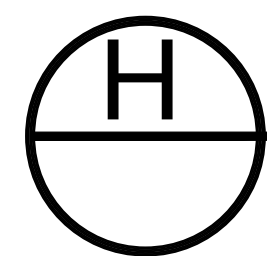
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NOTES:

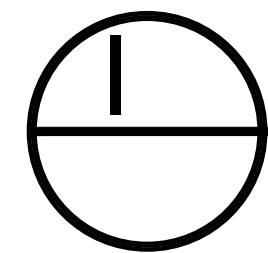
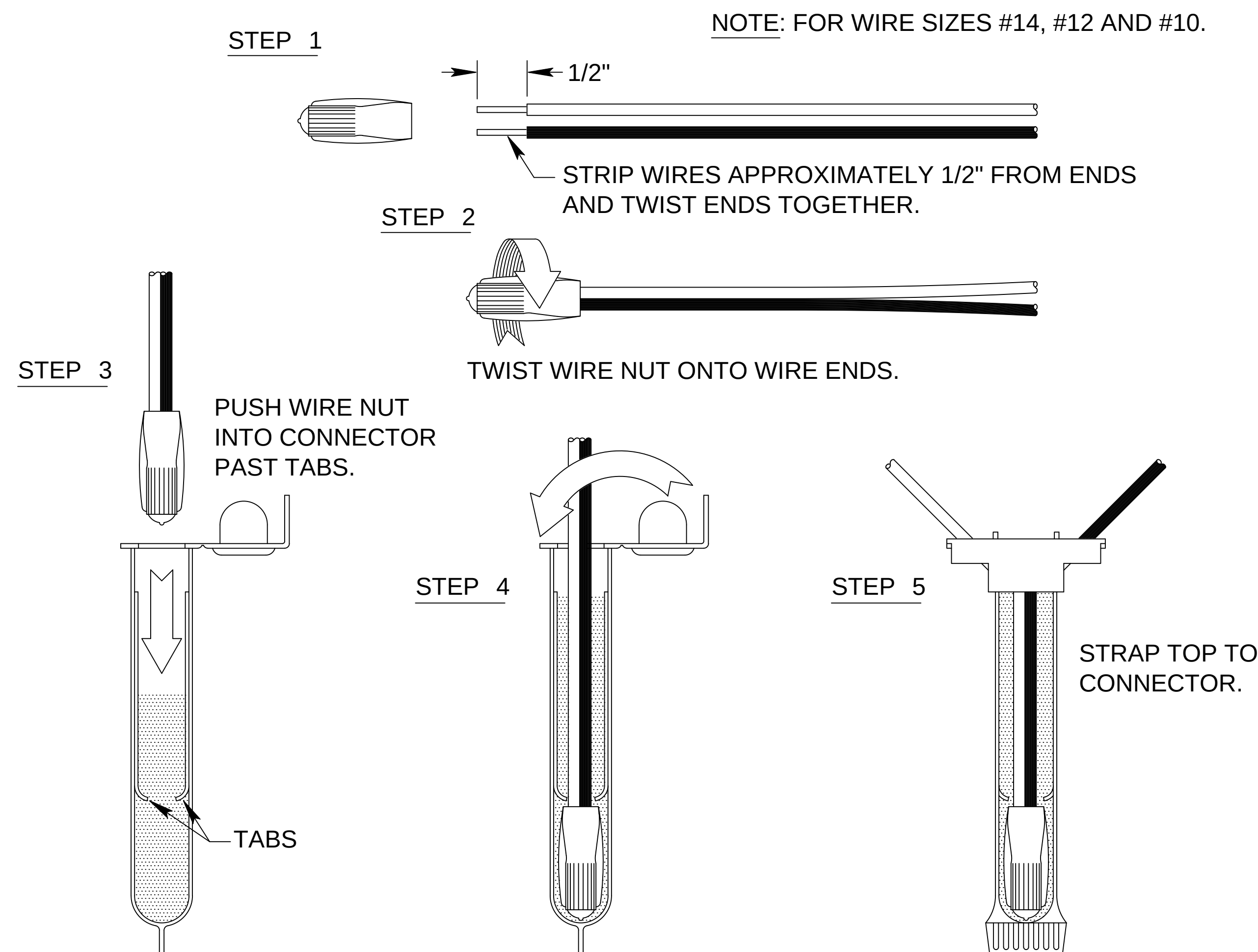
1. NOMINAL SIZE OF GATE VALVE TO MATCH NOMINAL MAINLINE SIZE.
2. INSTALL A 4-INCH THICK CONCRETE PAD BELOW VALVE WITH NO. 4 REBAR WHEN USING PUSH ON TYPE VALVES.
3. RESILIENT WEDGE GATE VALVE MAY HAVE EITHER MECHANICAL JOINT OR PUSH-ON GASKETED ENDS. THE OPERATOR IS A WRENCH NUT.
4. ANCHOR ISOLATION VALVE TO CONCRETE BY BENDING REBAR OVER EACH END OF VALVE AND EXTENDING A MINIMUM OF 6-INCHES INTO CONCRETE SUPPORT BLOCK.
5. WRAP VALVE ENDS AND BODY IN 3 MIL. PLASTIC PRIOR TO POURING CONCRETE.
6. CONCRETE SUPPORT BLOCK IS TO BE POURED UNDER ISOLATION GATE VALVE. ONLY THE BOTTOM OF THE ISOLATION GATE VALVE TO BE IN CONTACT WITH CONCRETE.
7. INSTALL FILTER FABRIC AROUND EXTERIOR OF VALVE BOX. USE DUCT TAPE TO SECURE FABRIC TO PIPE AND VALVE BOX.
8. LABEL VALVE BOX COVER PER SPECIFICATIONS.
9. ISOLATION VALVES TO BE INSTALLED WITH EXPANSION RESTRAINTS.

NOTES



ISOLATION GATE VALVE

NTS



WIRE SPLICES

3M DBR/Y-6

NTS

Bid Set

Revisions	Date

PRIME CONSULTANT



Walker Federal Services, LLC
7820B-162 Wormans Mill Road
Frederick, Maryland 21701

CONSULTANTS



NATIONAL
CEMETERY
ADMINISTRATION

Drawing Title
IRRIGATION
DETAILS

Approved:

Approved:

Project Title
Correct FCA Deficiencies

Building Number

Checked
NWG

Drawn

Location
CAMP NELSON NATIONAL CEMETERY

Date
JANUARY 7, 2026

Project No.
833CM3030

DRAWING NO.

LI-302

Dwg. 44 Of 166



1 OVERALL LANDSCAPE PLAN
SCALE: 1" = 100'-0"

LEGEND

- GRASS - SOD - TURF TYPE TALL FESCUE MIX, OR APPROVED EQUAL
- PROPOSED WET POND (REFER TO CIVIL SHEETS)

KEYNOTES

- E1 V-TRENCH EDGING. REFER TO DETAILS AND SPECIFICATIONS.
- M1 MINERAL MULCH. REFER TO DETAILS AND SPECIFICATIONS.
- M2 WOOD MULCH. REFER TO DETAILS AND SPECIFICATIONS.
- T1 RENOVATE TURF AREAS DISTURBED BY THE REMOVAL AND/OR INSTALLATION OF FLOWER HYDRANTS WITH NEW TURF SOD. REFER TO SPECIFICATIONS.
- T2 RENOVATE TURF AREAS DISTURBED BY PAVEMENT REMOVAL AND/OR INSTALLATION WITH NEW TURF SOD. REFER TO SPECIFICATIONS.
- T3 RENOVATE TURF AREAS DISTURBED BY UTILITY REMOVAL AND/OR INSTALLATION WITH NEW TURF SOD. REFER TO SPECIFICATIONS.
- T4 RENOVATE DISTURBED AREA WITH NEW TURF SOD. REFER TO SPECIFICATIONS.
- T5 RENOVATE TURF AREAS DISTURBED BY SIGNAGE REMOVAL AND/OR INSTALLATION WITH NEW TURF SOD. REFER TO SPECIFICATIONS.
- T6 RENOVATE MULCH AREAS DISTURBED BY SIGNAGE REMOVAL AND/OR INSTALLATION WITH NEW MULCH. REFER TO SPECIFICATIONS.
- T7 RENOVATE TURF AREAS DISTURBED BY TEMPORARY RESTROOM AND CONTRACTOR'S TRAILER WITH NEW TURF SOD. REFER TO SPECIFICATIONS.

NOTES

- FIELD VERIFY LOCATION OF ALL UTILITIES AND IRRIGATION SYSTEM PRODUCTS PRIOR TO PLANT INSTALLATION. REPORT ANY CONFLICTS TO LANDSCAPE ARCHITECT IMMEDIATELY.
- RENOVATE ALL DISTURBED TURF AREAS, BEYOND THOSE NOTED WITH KEYNOTES, WITH NEW TURF SOD.

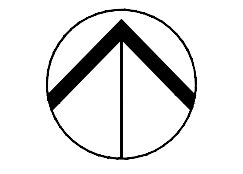
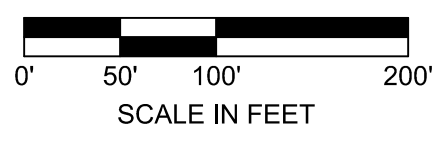
PHASING PLAN

- PERFORM WORK ASSOCIATED WITH HISTORIC STRUCTURES.
- PERFORM WORK ASSOCIATED WITH THE TWO PINK CMU GARAGES.
- PERFORM WORK ASSOCIATED WITH PUBLIC RESTROOM BUILDING.
- AFTER BUILDINGS ARE COMPLETE, THE SITE CONCRETE WORK CAN COMMENCE.
- AFTER THE TEMPORARY RESTROOM TRAILER HAS BEEN REMOVED AND THE CONTRACTOR'S TRAILER HAS BEEN REMOVED FOLLOWING THE END OF CONSTRUCTION, THE TURF SHALL BE REPLACED. REFER TO SHEET LP-003 FOR EXTENTS OF TURF REPLACEMENT.

SITE WORK AT WET POND CAN BE PERFORMED CONCURRENTLY WITH ANY PHASE.

KEY

Bid Set



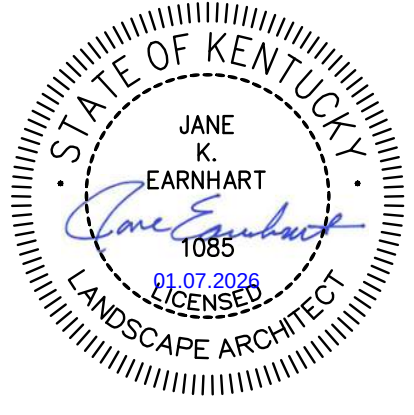
Revisions	Date

PRIME CONSULTANT

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CONSULTANTS

olsson
550 East St. Louis Street
Springfield, MO 65806
olsson.com
TEL 417.890.8802
FAX 417.890.8805



NATIONAL CEMETERY ADMINISTRATION

Drawing Title
OVERALL LANDSCAPE PLAN

Approved:

Approved:

Project Title
Correct FCA Deficiencies

Building Number

Checked
JKE

Drawn
RAR

Location
CAMP NELSON NATIONAL CEMETERY

Date
January 7, 2026

Project No.
833CM3030

DRAWING NO.
LP-001

Dwg. 45 Of 166

