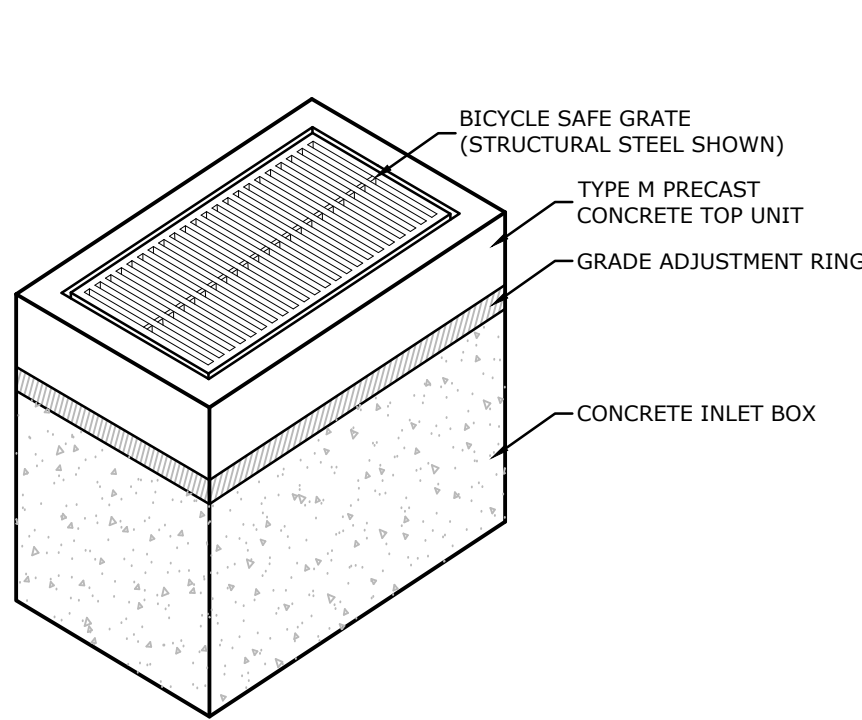


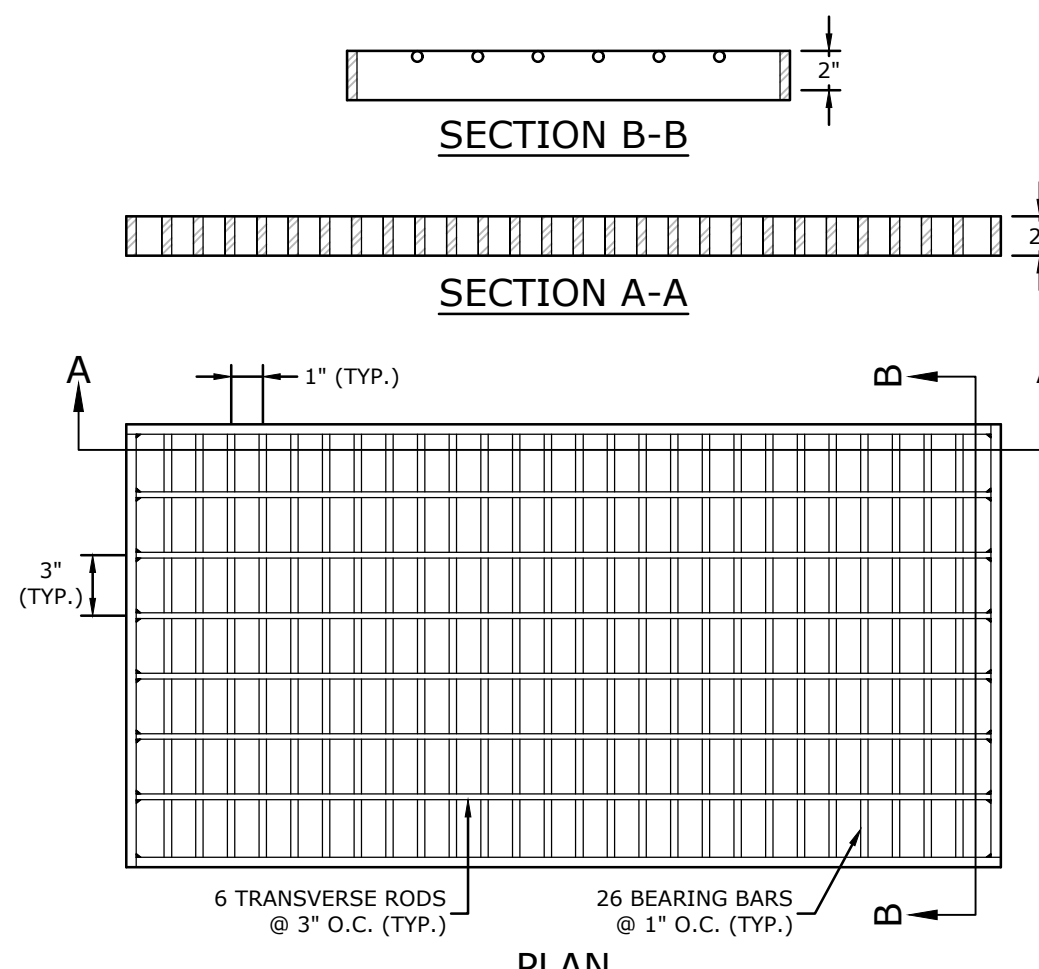
K
J
H
G
F
E
D
C
B
A



- NOTES:
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH PENN DOT PUBLICATION 408, SECTION 605 AND STANDARDS FOR ROADWAY CONSTRUCTION, RC-46M. CONTRACTOR SHALL VERIFY INLET BOX SIZING BASED ON PIPE SIZES AND ALIGNMENT PRIOR TO ORDERING PRECAST STRUCTURES. STRUCTURE SHALL BE CERTIFIED FOR H20 LOADING.
 - ALL DRAINAGE STRUCTURES SHALL HAVE POURED-IN-PLACE CONCRETE CHANNEL BOTTOMS.
 - USE PRECAST CONCRETE OR STEEL GRADE ADJUSTMENT RINGS WHEN REQUIRED.
 - ALL INLETS IN PARKED AREAS SHALL HAVE HEAVY-DUTY BICYCLE SAFE GRATING.
 - ALL INLETS IN PEDESTRIAN/PLAYGROUND AREAS SHALL HAVE ADA COMPLIANT GRATING.
 - ALL INLETS SHALL BE SUMPED BELOW GRADE (2 INCHES) TO AID IN THE RUNOFF FLOW TO THE INLETS.
 - ALL FRAMES, CONCRETE TOP UNITS, AND GRADE ADJUSTMENTS RINGS SHALL BE SET IN A BED OF FULL MORTAR IN ACCORDANCE WITH PENNDOT PUBLICATION 408.
 - ALL INLETS DEEPER THAN FIVE FEET SHALL BE PROVIDED WITH MANHOLE-TYPE STEPS FOR ACCESS.

TYPE 'M' INLET

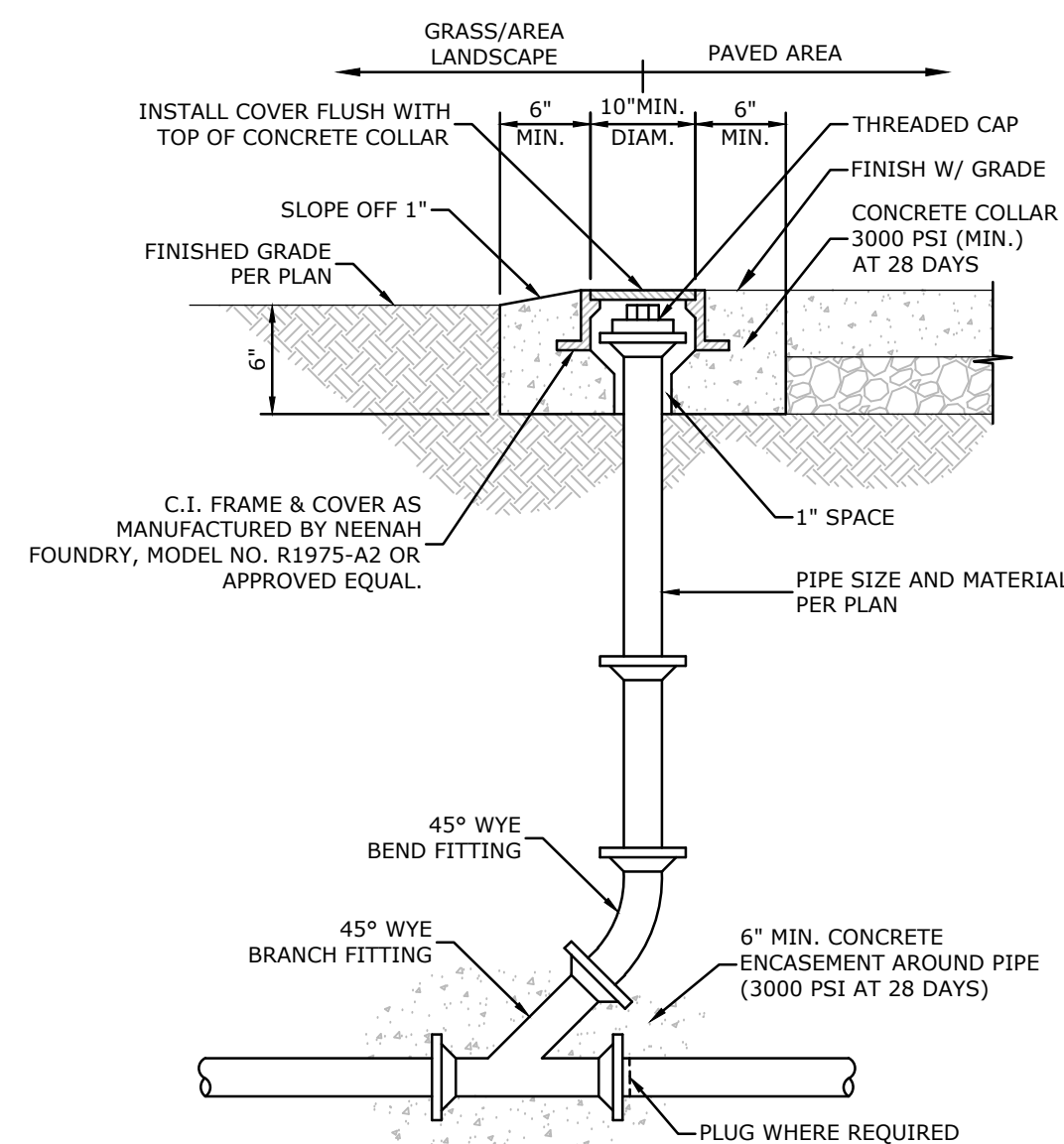
NOT TO SCALE



- NOTES:
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH PENN DOT PUBLICATION 408, SECTION 605 AND STANDARDS FOR ROADWAY CONSTRUCTION, RC-45M. CONTRACTOR SHALL VERIFY INLET BOX SIZING BASED ON PIPE SIZES AND ALIGNMENT PRIOR TO ORDERING PRECAST STRUCTURES. STRUCTURE SHALL BE CERTIFIED FOR H20 LOADING.
 - ALL DRAINAGE STRUCTURES SHALL HAVE POURED-IN-PLACE CONCRETE CHANNEL BOTTOMS.
 - USE PRECAST CONCRETE OR STEEL GRADE ADJUSTMENT RINGS WHEN REQUIRED.
 - ALL INLETS SHALL HAVE BICYCLE SAFE GRATES.
 - ALL INLETS SHALL BE SUMPED BELOW GRADE (2 INCHES) TO AID IN THE RUNOFF FLOW TO THE INLETS.
 - ALL FRAMES, CONCRETE TOP UNITS, AND GRADE ADJUSTMENTS RINGS SHALL BE SET IN A BED OF FULL MORTAR IN ACCORDANCE WITH PENNDOT PUBLICATION 408.
 - ALL INLETS OVER FOUR FEET IN DEPTH, AS DETERMINED FROM FINISHED GRADE TO THE BOTTOM OF THE INLET, SHALL BE PROVIDED WITH STEPS FOR ACCESSIBILITY

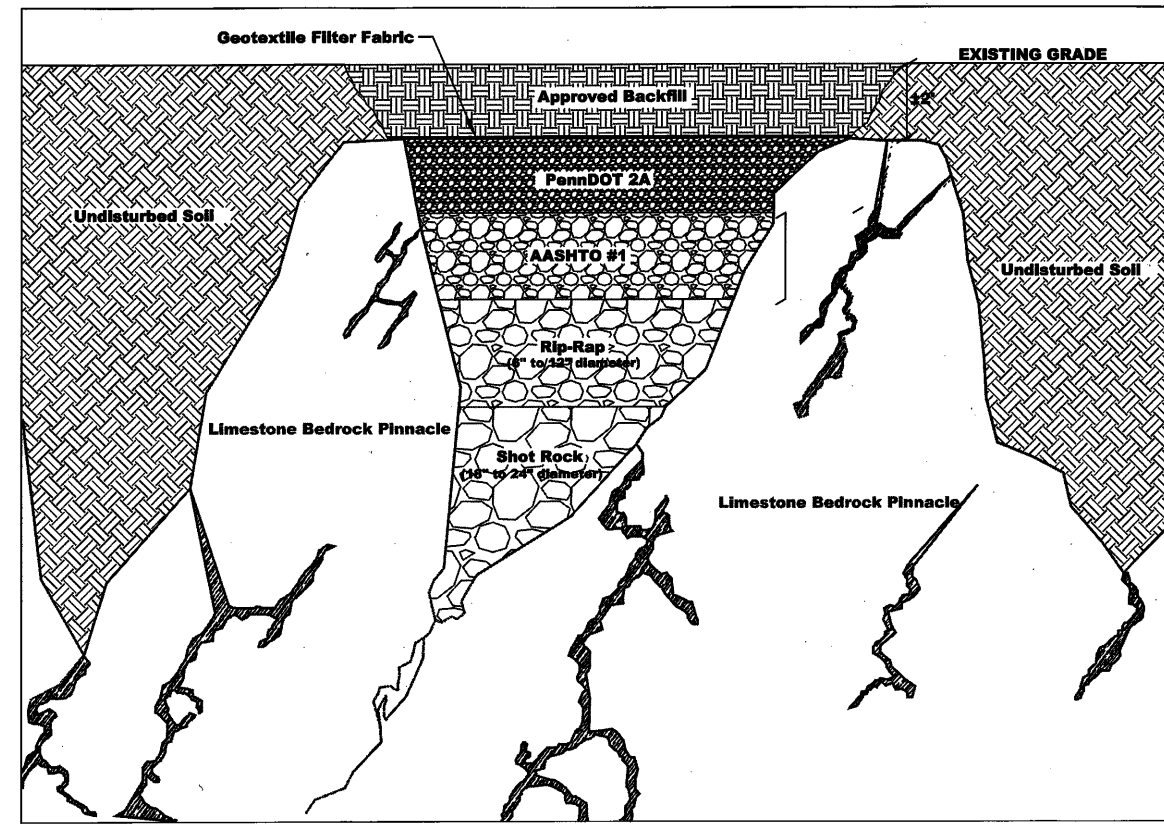
TYPE 'C' INLET

NOT TO SCALE



STORM SEWER CLEANOUT

NOT TO SCALE



- NOTES:
- THE REPAIRS OUTLINED BELOW ARE GENERAL GUIDELINES AND EACH SINKHOLE OCCURRENCE SHOULD BE THOROUGHLY REVIEWED BY THE GEOTECHNICAL ENGINEER OF RECORD FOR AN APPROPRIATE REMEDIATION PLAN:

STRUCTURAL AREAS (AREAS WITHIN THE BUILDING FOOTPRINT OR BENEATH PAVEMENT)

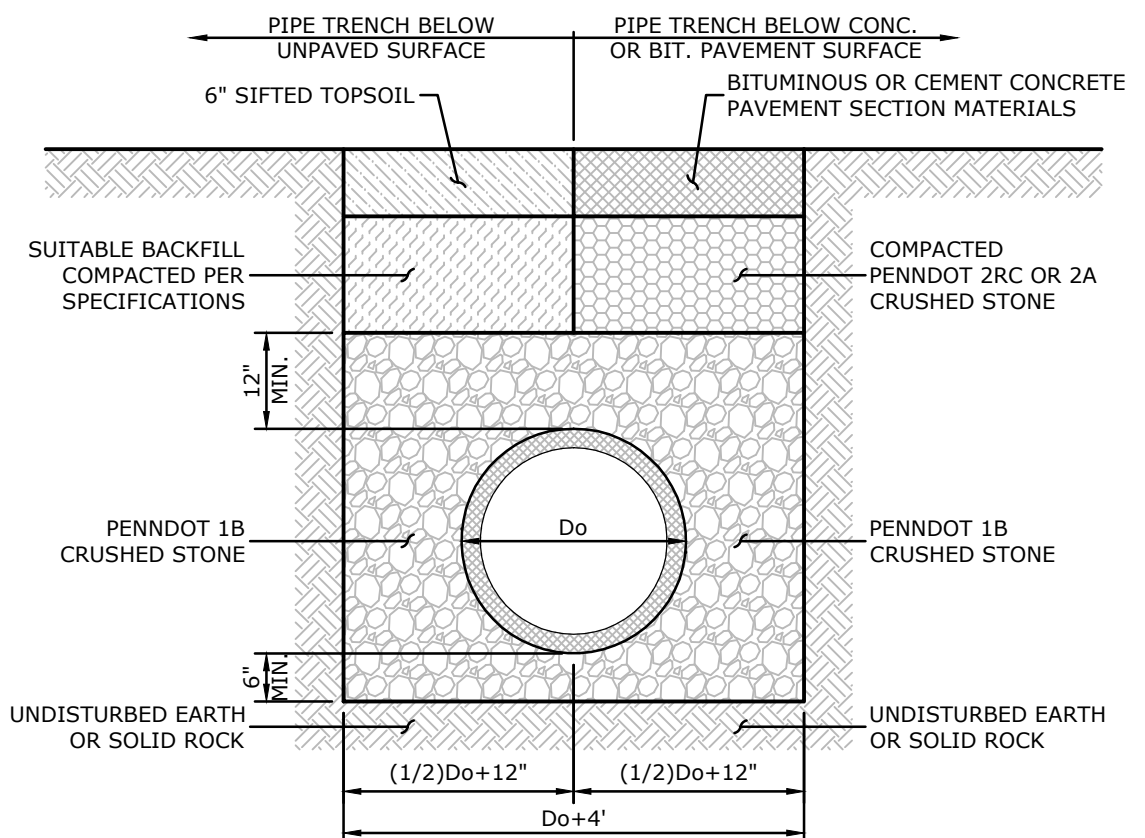
- ANY AND ALL LOOSE AND/OR SATURATED SOILS WITHIN THE SINKHOLE SHOULD BE EXCAVATED AND CONTINUE UNTIL STABLE SOILS, A "THROAT" IS IDENTIFIED, OR UNTIL THE EXTENT OF THE EXCAVATION EQUIPMENT IS REACHED.
- UPON REMOVAL OF THE UNSTABLE SOILS, THE EXCAVATION SHOULD BE BACKFILLED USING HIGH MOBILITY, LOW STRENGTH FLOWABLE FILL (500 PSI) TO FINAL SUBGRADE ELEVATION.

NON-STRUCTURAL AREAS (NON-BUILDING/LANDSCAPED AREAS)

- ANY AND ALL LOOSE AND/OR SATURATED SOILS SHOULD BE EXCAVATED FROM THE SINKHOLE. EXCAVATION SHOULD CONTINUE UNTIL STABLE SOILS, A "THROAT" IS IDENTIFIED, OR UNTIL THE EXTENT OF THE EXCAVATION EQUIPMENT IS REACHED.
- THE EXCAVATION SHOULD BE BACKFILLED WITH AGGREGATE OF DECREASING SIZE AS DEPICTED ON THE INVERTED FILTER DETAIL.

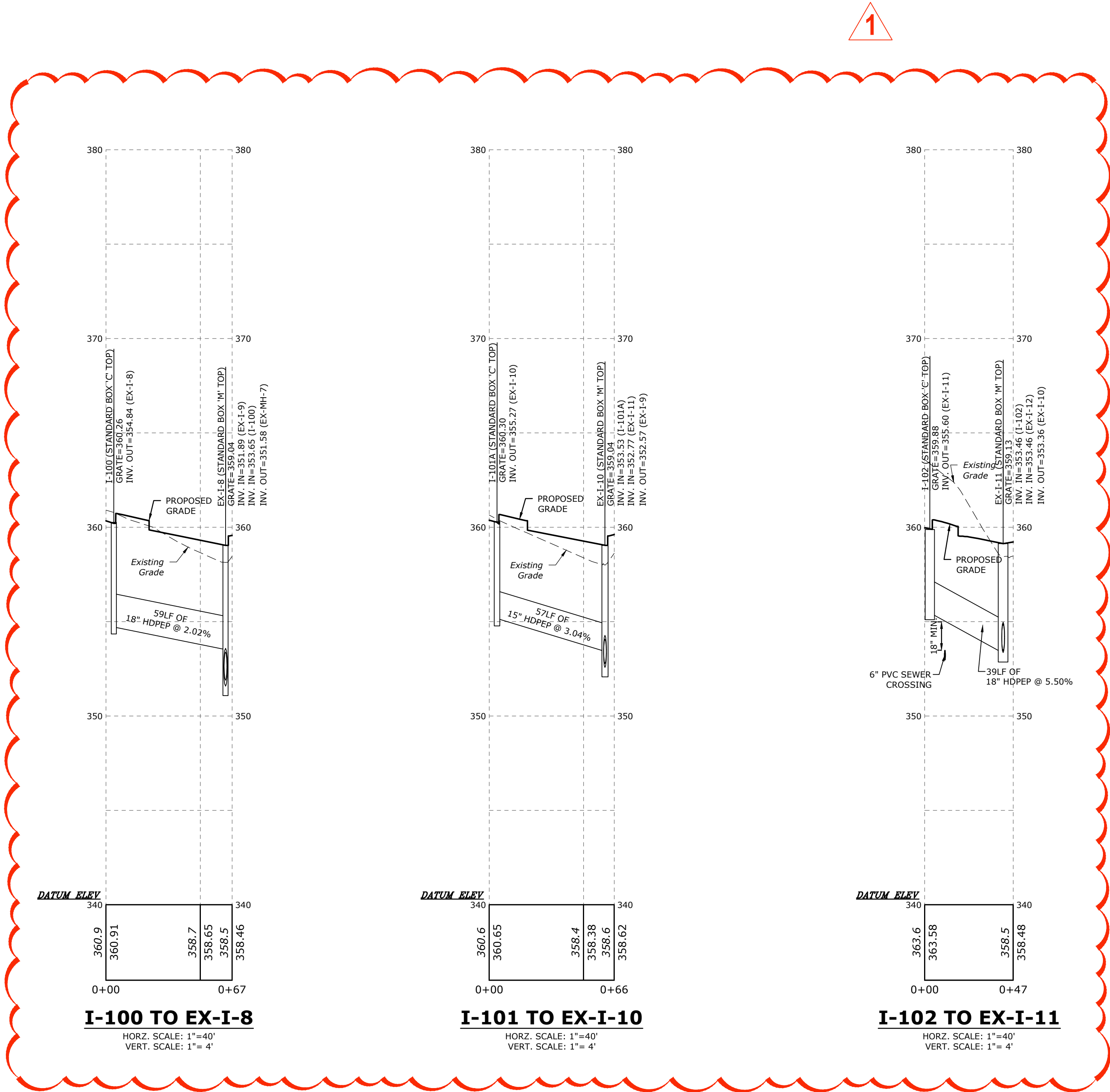
SINKHOLE REPAIR DETAIL

NOT TO SCALE



STORM PIPE TRENCH SECTION

NOT TO SCALE



WMF
WEBER MURPHY FOX

ARCHITECTURE
INTERIORS
CONSTRUCTION MANAGEMENT
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divineyassociates.com

	04-05-2024	ADDENDUM NO. 1
	01-22-2024	BID SET
	12-06-2023	REVISED DRAWINGS
	10-04-2023	BID SET
	09-27-2023	PERMIT SET
	09-06-2023	CD SUBMISSION

MARK	DATE	DESCRIPTION
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KEY PLAN:

PROJECT TITLE:

PENNSTATE
Harrisburg

**STADIUM SEATING &
RESTROOMS BLDG**
PENN STATE UNIVERSITY HARRISBURG CAMPUS
777 W Harrisburg Pike, Middletown, PA 17057

PSU BUILDING NUMBER: 0985095

PSU PROJECT NUMBER: 00-08713.00

PROJECT NUMBER: 2022.138.00

PROJECT PHASE: CONSTRUCTION DOCUMENTS

**STORMWATER
MANAGEMENT DETAILS**

DRAWN BY: MRS

CHECKED BY: MRS

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DRAWING NO.

C502

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