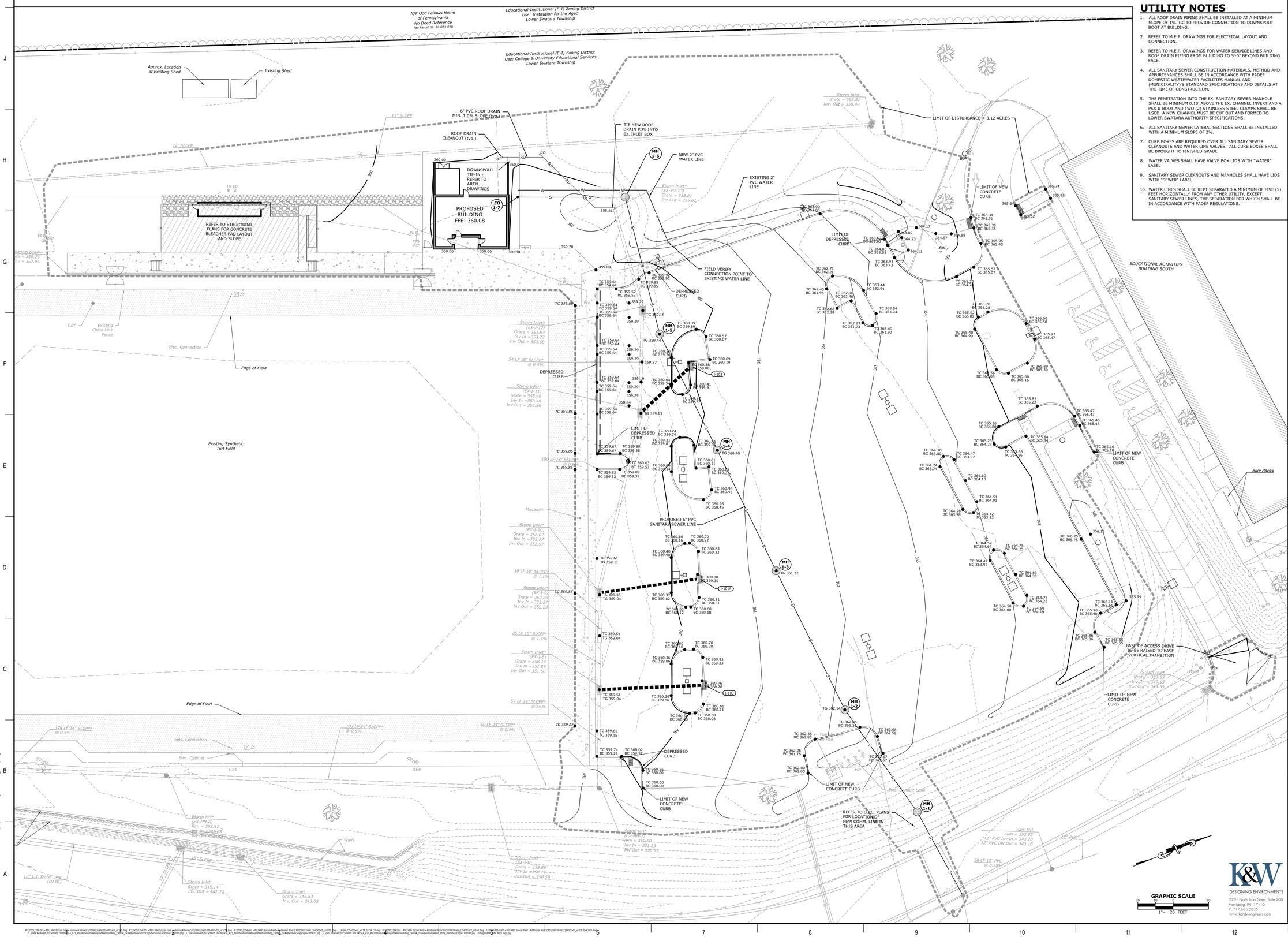

LEGEND

PROPOSED GRADING FEATURES

- 421 — INTERMEDIATE CONTOUR LINES
- 420 — INDEX CONTOUR LINES

GRADING NOTES

1. FINISHED GRADE ALONG THE EXTERIOR FACE OF THE BUILDING SHALL BE 360.00 UNLESS OTHERWISE NOTED.
2. POSITIVE DRAINAGE SHALL BE PROVIDED ACROSS THE ENTIRE PROJECT AREA AND DIRECTED TOWARDS EXISTING DRAINAGE FACILITIES.

LEGEND

PROPOSED UTILITY FEATURES

- SANITARY SEWER MANHOLE
- MH 4 — SANITARY SEWER STRUCTURE LABEL
- SANITARY SEWER SERVICE LATERAL
- WV — WATER VALVE
- W — WATER LINE
- RD — RD — ROOF DRAIN PIPE

UTILITY NOTES

1. ALL ROOF DRAIN PIPING SHALL BE INSTALLED AT A MINIMUM SLOPE OF 1%. GC TO PROVIDE CONNECTION TO DOWNSPOUT BOOT AT BUILDING.
2. REFER TO M.E.P. DRAWINGS FOR ELECTRICAL LAYOUT AND CONNECTION.
3. REFER TO M.E.P. DRAWINGS FOR WATER SERVICE LINES AND ROOF DRAIN PIPING FROM BUILDING TO 5'-0" BEYOND BUILDING FACE.
4. ALL SANITARY SEWER CONSTRUCTION MATERIALS, METHOD AND APPURTENANCES SHALL BE IN ACCORDANCE WITH PADEP DOMESTIC WASTEWATER FACILITIES MANUAL AND (MUNICIPALITY'S STANDARD SPECIFICATIONS AND DETAILS AT THE TIME OF CONSTRUCTION.
5. THE PENETRATION INTO THE EX. SANITARY SEWER MANHOLE SHALL BE MINIMUM 0.10' ABOVE THE EX. CHANNEL INVERT AND A PSX II BOOT AND TWO (2) STAINLESS STEEL CLAMPS SHALL BE USED. A NEW CHANNEL MUST BE CUT OUT AND FORMED TO LOWER SWATARA AUTHORITY SPECIFICATIONS.
6. ALL SANITARY SEWER LATERAL SECTIONS SHALL BE INSTALLED WITH A MINIMUM SLOPE OF 2%.
7. CURB BOXES ARE REQUIRED OVER ALL SANITARY SEWER CLEANOUTS AND WATER LINE VALVES. ALL CURB BOXES SHALL BE BROUGHT TO FINISHED GRADE
8. WATER VALVES SHALL HAVE VALVE BOX LIDS WITH "WATER" LABEL
9. SANITARY SEWER CLEANOUTS AND MANHOLES SHALL HAVE LIDS WITH "SEWER" LABEL.
10. WATER LINES SHALL BE KEPT SEPARATED A MINIMUM OF FIVE (5) FEET HORIZONTALLY FROM ANY OTHER UTILITY, EXCEPT SANITARY SEWER LINES, THE SEPARATION FOR WHICH SHALL BE IN ACCORDANCE WITH PADEP REGULATIONS.

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MARK	DATE	DESCRIPTION
	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

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

GRADING & UTILITY PLAN

DRAWN BY: MRS

CHECKED BY: MRS

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DRAWING NO.

C104

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SHEET FILE PLOT DATE: 9/5/2023 | 10:14 PM

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