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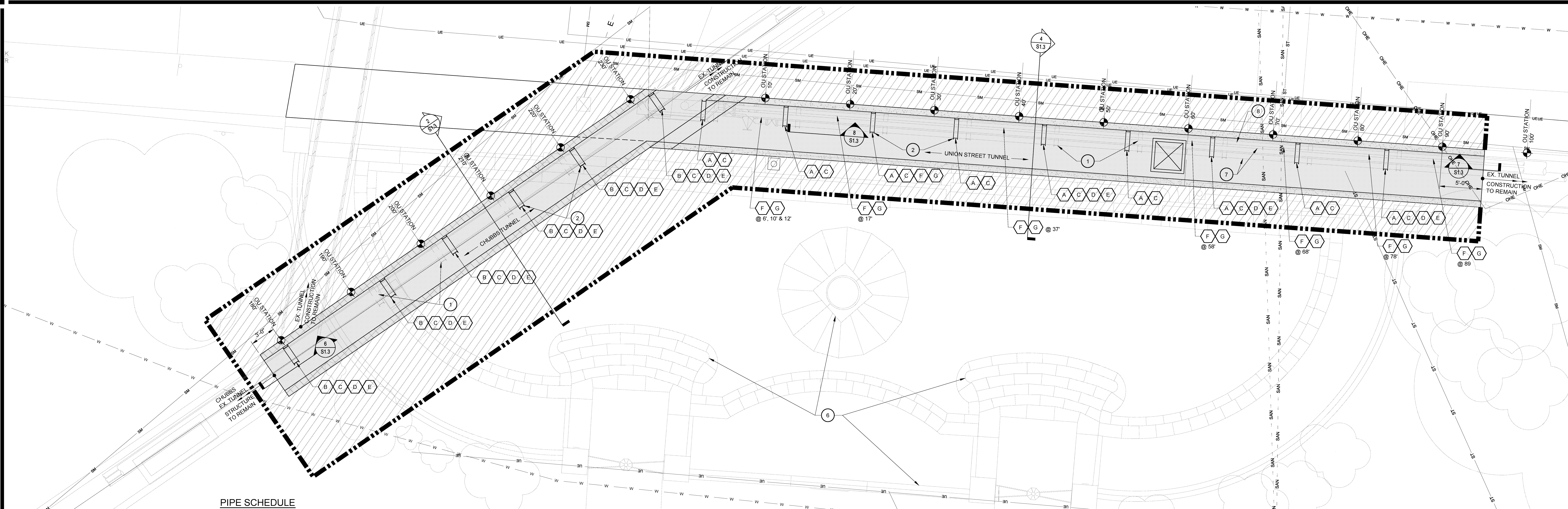
Drawn By CJA Project Mgr. NSD

CAD File
X-Ref File

Issue/Revision Revision Number Date
BID SET

Issue/Revision	Revision Number	Date
BID SET		11/16/15

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PIPE SCHEDULE

MARK	A	B	C	D	E	F	G
PIPE SIZE	12"	10"	5"	3"	1 1/2"	3"	1 1/2"
PIPE SERVICE	HPS	HPS	HPR	HWS	HWR	HWS	HWR
INSULATION THICKNESS	3"	3"	3"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
ANVIL SUPPORT	274 W 164	257 TYPE	274 W 164 SADDLE	257 TYPE	257 W 432 CLAMP	256 W 161	256 W 161 SADDLE

NOTES:
INTENT IS TO REPLACE WHAT EXISTS TODAY. THE ABOVE SCHEDULE ATTEMPTS TO CAPTURE WHAT IS VISIBLE. PRIOR TO PROCURING MATERIALS, MECHANICAL CONTRACTOR SHALL REMOVE EXISTING INSULATION AT PIPE SUPPORTS/GUIDES/ROLLERS/ETC AND DOCUMENT EXISTING CONDITIONS WITH ENGINEER. AT THIS TIME, THE ABOVE SCHEDULE CAN BE FINALIZED AND MECHANICAL CONTRACTOR CAN THEN ORDER MATERIALS.

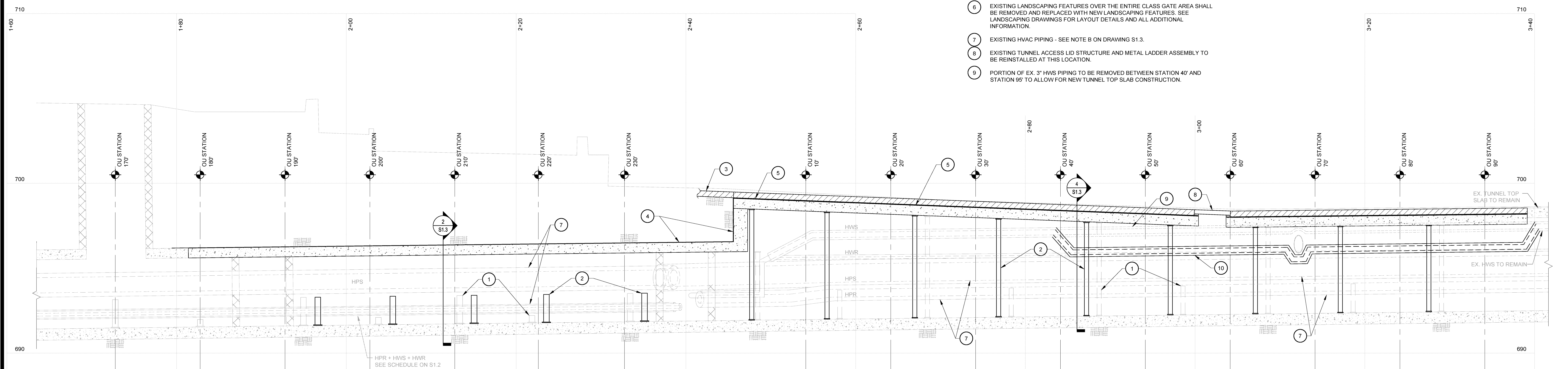
ABBREVIATIONS USED: HPS = HIGH PRESSURE STEAM, HPR = HIGH PRESSURE STEAM RETURN, HWS/R = HEATING HOT WATER SUPPLY/RETURN.

NOTES:
1. OU STATIONS ARE LOCATED INSIDE THE TUNNEL AND ARE INCLUDED FOR REFERENCE ONLY.
2. ALL UTILITIES BETWEEN TUNNEL TOP AND SIDEWALKS/ LANDSCAPING TO BE PROTECTED, SEE NOTE D ON SHEET S1.3.

LEGEND:
[Symbol] INDICATES EXTENTS OF NEW TUNNEL TOP SLAB.
[Symbol] INDICATES APPROXIMATE EXTENTS OF EXCAVATION. AREA TO RECEIVE COMPACTED BACKFILL UP TO GRADE LEVEL/FUNDATION BEARING FOR NEW LANDSCAPING ELEMENTS. SEE LANDSCAPING DRAWINGS AND SPECIFICATIONS FOR ALL ADDITIONAL INFORMATION.
[Symbol] MARKS RELATE TO HVAC PIPING SUPPORTS. SEE SECTION AND HVAC PIPING SUPPORT SCHEDULE ON THIS SHEET.

CODED NOTES: (COMMON TO PLAN AND PROFILE)

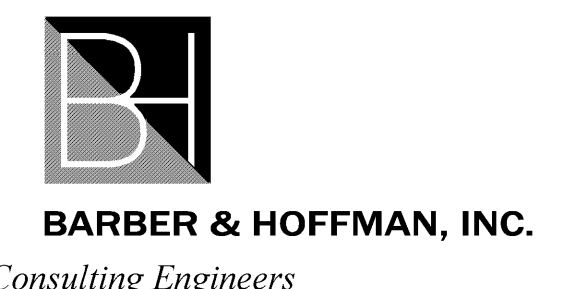
- EXISTING STEEL FRAMES, SUPPORTING HVAC PIPING, TO BE REMOVED - ONLY AFTER NEW STEEL FRAMES ARE INSTALLED AND THE EXISTING HVAC PIPING HAS BEEN SUPPORTED ON THE NEW STEEL FRAMES. EXISTING STEEL FRAMES SHALL BE SUPPORTED LATERALLY. PRIOR TO REMOVING THE TUNNEL TOP SLAB, TEMPORARY LATERAL BRACING SHALL REMAIN IN PLACE UNTIL NEW FRAMES ARE INSTALLED IN PLACE AND NEW HVAC PIPING HAS BEEN SUPPORTED ON THE NEW STEEL FRAMES.
- NEW STEEL FRAMES, ALONG WITH HVAC PIPING SUPPORTS, TO BE INSTALLED. SEE SECTIONS AND SCHEDULE FOR ADDITIONAL INFORMATION.
- NEW CONCRETE SIDEWALK - SEE LANDSCAPING DRAWINGS.
- NEW WATERPROOFING ASSEMBLY (ASSEMBLY A) ON TOP OF CHUBBS TUNNEL. SEE SECTIONS AND SPECS FOR ADDITIONAL INFORMATION.
- NEW WATERPROOFING ASSEMBLY (ASSEMBLY B) TO BE INSTALLED BETWEEN NEW UNION STREET TUNNEL TOP SLAB AND SIDEWALK CONCRETE SLAB. SEE SECTIONS AND SPECS FOR ADDITIONAL INFORMATION.
- EXISTING LANDSCAPING FEATURES OVER THE ENTIRE CLASS GATE AREA SHALL BE REMOVED AND REPLACED WITH NEW LANDSCAPING FEATURES. SEE LANDSCAPING DRAWINGS FOR LAYOUT DETAILS AND ALL ADDITIONAL INFORMATION.
- EXISTING HVAC PIPING - SEE NOTE B ON DRAWING S1.3.
- EXISTING TUNNEL ACCESS LID STRUCTURE AND METAL LADDER ASSEMBLY TO BE REINSTALLED AT THIS LOCATION.
- PORTION OF EX. 3" HWS PIPING TO BE REMOVED BETWEEN STATION 40' AND STATION 65' TO ALLOW FOR NEW TUNNEL TOP SLAB CONSTRUCTION.
- NEW 3" HWS PIPING TO BE INSTALLED LOW IN THIS AREA. PROVIDE CONNECTION W/ EXISTING HWS AT STATION 40' AND STATION 65' PRIOR TO REMOVING THE EXISTING HWS IN THIS AREA. COORDINATE UTILITY SHUTDOWN W/ OHIO FACILITIES TO ALLOW FOR NEW HWS CONNECTION TO EXISTING HWS PIPING.



PARTIAL TUNNEL REPLACEMENT PROFILE

1"=5'-0" (HORIZONTAL SCALE)
1"=2'-0" (VERTICAL SCALE)

LEGEND:
[Symbol] INDICATES EXTENTS OF NEW TUNNEL TOP STRUCTURAL SLAB. SEE SECTIONS FOR ADDITIONAL INFORMATION.
[Symbol] INDICATES EXTENTS OF NEW CONCRETE SIDEWALK/PAVING SLAB. SEE SECTION AND LANDSCAPING DRAWINGS FOR ALL ADDITIONAL INFORMATION.



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CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS & DIMENSIONS IN THE FIELD

**COLLEGE GREEN UPGRADE
CLASS GATE AND TUNNEL
OHIO UNIVERSITY**
ATHENS, OHIO 45701
ATHENS COUNTY, OHIO

Sheet Title
TUNNEL TOP REPLACEMENT PLAN AND PROFILE

Project No. 13412.00

Scale AS NOTED

Sheet No. S1.2

File No. 13-412