

THE SCHOOL DISTRICT OF PHILADELPHIA
SCHOOL REFORM COMMISSION
Office of Capital Programs
440 North Broad Street, 3rd Floor – Suite 371
Philadelphia, PA 19130

TELEPHONE: (215) 400-4730

Addendum No. 05

Subject: Bid Questions for Phase 1 Site Improvements at Central High School
B-025C of 2017/18 General Construction and B-026C of 2017/18 Electrical Construction

Location: Central High School

This Addendum, dated 24th of January, 2019, shall modify and become part of the Contract Documents for the work of this project. Any items not mentioned herein, or affected by, shall be performed strictly in accordance with the original documents.

1. Which Contractor demolishes concrete pole bases for existing pole lights in parking lot?

Response: Electrical contractor to demo existing light poles and electrical infrastructure.
General contractor to demo site lighting foundations.

2. Which Contractor supplies and installs the concrete encasement and rebar of duct banks?

Response: The general contractor is responsible for the excavation and backfill to maintain consistency with this work across the project. The electrical contractor is responsible for the rebar and concrete encasement for duct banks.

3. Can you provide a sketch to detail how we stub up for 5” ducts at the existing PECO utility pole?

Response: Refer to attached Peco Pole Illustration from the PECO Blue Book.

4. Drawings show two 5” ducts for future telecom stubbed through wall into existing medium voltage junction box? Where do we install these two conduits? There are windows and a concrete column on either side of existing box.

Response: The two 4" empty telecom conduits shall terminate at the retaining wall and be capped for future extension.

5. Existing medium voltage junction box is 12” wide and 18” high and 24” deep. Can you provide a sketch how we can enter with two new 5” ducts with the existing high voltage service in this box? What is the maximum amount of time we can shut down power to the school?

Response: The existing service will need to be removed before the new installation can be installed. The District will allow weekend outages to accommodate the electric service switchover.

Addendum No. 5 (cont'd)

6. The 18" RCP tie in at Olney Avenue on PCSM Plan C1.42 says Connection Inv. 124.62. However, the Pipe & Structures Tables Plan C1.44 says Pipe P-38 End Inv. 161.23. Please confirm the information on the PCSM Plan view is incorrect.

Response: Elev. 161.23 is the correct elevation.

7. Will the existing topsoil onsite be suitable to be used as planting soil as shown on the Landscape drawings?

Response: The planting soil to be used shall conform to Specification 329100. See requirements for particle size and soil amendments.

8. Can hay bales be waved for the tree protection fence detailed?

Response: No.

9. Detail 3/C5.02 shows 12" DIP running to a 12" Trap. Where is this detail referring to on the plans? We do not find any 12" DIP.?

Response: Detail 3/C5.02 refers to the three outlet control structures leaving the porous parking areas (PP OCS – 1, PP OCS – 2, and PP OCS – 3). P-7.5, P-9.5, and P-11.5 shall all be DI, not RCP as indicated in the RCP pipe table.

10. Can the wash loss test be waved for the #3 stone on this project? Some suppliers of this size stone do not do this test but can rinse their material once loaded into trucks.

Response: No. Wash loss testing is required to confirm that the stone is clean before it is brought to the site. Without the testing and a supplier that regularly tests their material, it cannot be determined if the material meets the specification. Submittals are required to confirm a wash loss per the specification.

11. Please confirm stone bedding in rain gardens will only be around the perforated pipe only.

Response: The stone below the rain garden soil extends under the entire flat bottom area of the rain garden. It is not isolated to only the underdrain.

12. The General Conditions and Supplementary Conditions for this project list different milestone visits for progress photos. Please advise which will govern.

Response: Supplementary Conditions shall take precedence for milestone progress photos. Milestone events for photos include (12) photos of the overall project before Work begins, (24) photos of the work submitted monthly, and (24) photos at the completion of the project. The Contractor is also required to provide construction photographs and material documentation per the Philadelphia Water Department's latest requirements at various stages of the stormwater management construction in-order-to successfully complete and close out the project.

13. The Porous Asphalt Paving Details are conflicting. Detail 5 on C5.02 shows 2.5" Surface Course only. Detail 3 on C5.06 shows 2.5" Wearing and 4" Binder Course. Please advise which is correct.

Response: Detail 5/C5.02. Final porous asphalt thickness shall be 2.5" after it is rolled.

Addendum No. 5 (cont'd)

14. Please advise if PWD Standards are necessary for this project or if Type 'C', Type 'M' structures will be allowed. There are conflicting details through out the PCSM Detail plans as well as other items on this project.

Response: PennDOT Type M structures cast at custom heights are acceptable for this project. They shall include the standard PWD Hood and the inlet basket as noted on the plans.

15. The Rain Outlet Garden Structures are listed as PWD Inlets with Traps and 2.00' Sumps. However, The Rain Outlet Garden Structures schedule shows their casts as round Beehive Manhole Covers. The two structures can't mix, so should they be 4' MH's with Snouts/Sumps and the Beehive Covers OR Highway PWD Inlet Structures with Highway Grates?

Response: PennDOT Type M structure with PWD Hood and solid top slab with 24" round opening for the beehive casting is acceptable.

16. The Porous Pavement Outlet Control Structures' material isn't clearly defined. Are they plastic or Precast Items? Assuming right now that they are 4' Precast MH's

Response: Porous Pavement Outlet Control Structures are HDPE.

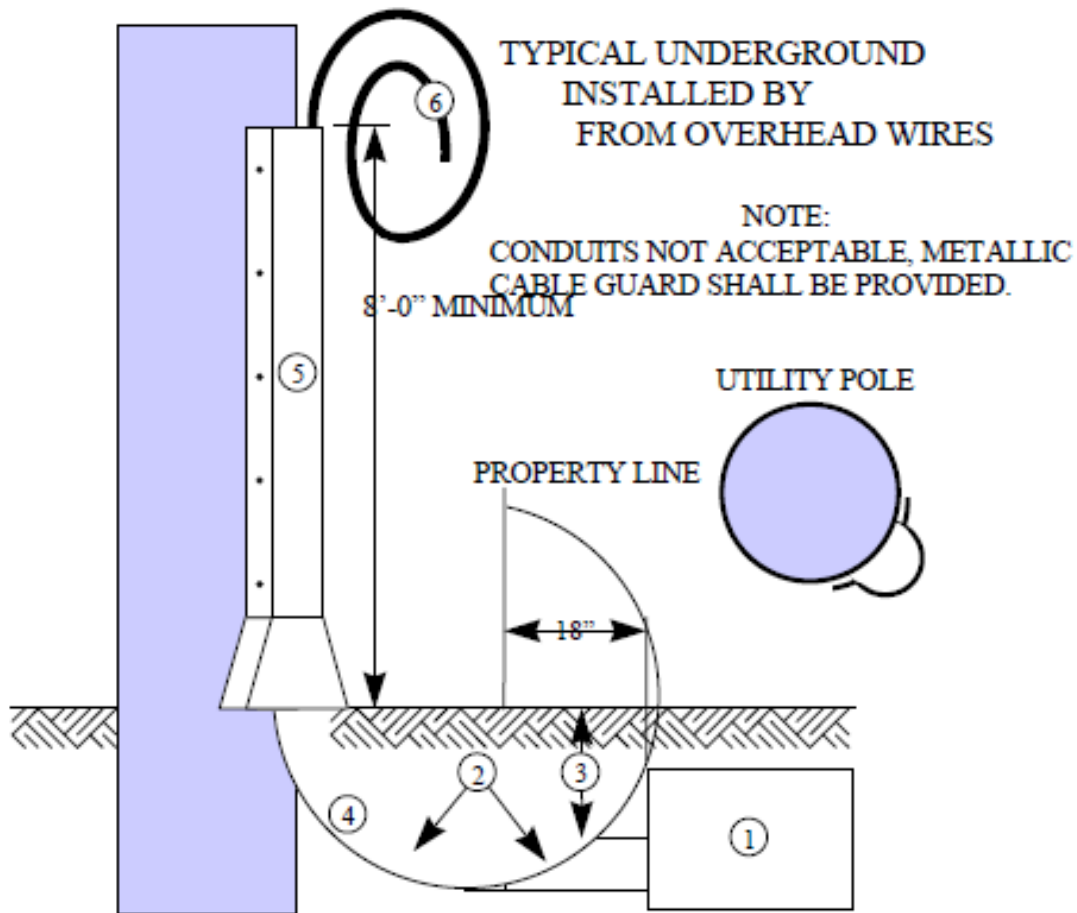
17. WP-3 Cold Fluid Applied Waterproofing on the lid of the tunnel. Detail 4/A5.00 has WP-1 on the lid of the tunnel is this a mistake? Detail 10/A6.00 has WP-1 under penetrations on the lid. Is this a mistake?

Response: See attached revised sheets A5.00, A6.00 with corrected notes. WP-3 shall be applied to topside of tunnel, including at bollards on structure. WP-1 shall be applied to vertical faces of tunnel wall to remain.

18. WP-1 Bentonite Waterproofing on Vertical Walls and columns. Is the bentonite waterproofing to be installed on all vertical wall surfaces all sides? Detail 4/A5.00 shows only one side.

Response: WP-1 shall be applied on vertical walls and columns along West side of tunnel, where coal chutes are being removed. Along North, South, and East sides, extend new waterproofing 1' below grade.

-END OF ADDENDUM NO. 5-



ITEM	SECONDARY	13KV	34KV
① SPLICE BOX	CONSULT PECO	CONSULT PECO	CONSULT PECO
② CONDUIT	CONSULT PECO 2" MINIMUM	CONSULT PECO 3" MINIMUM	CONSULT PECO 5" MINIMUM
③ DEPTH	24" MINIMUM	30" MINIMUM	30" MINIMUM
④ RADIUS	24" MINIMUM	30" MINIMUM	36" MINIMUM
⑤ PROTECTION	METALLIC GUARD	METALLIC GUARD	METALLIC GUARD
⑥ CABLE ON POLE	CABLE SHALL BE SECURELY FASTENED TO POLE AND OF SUFFICIENT LENGTH TO PERMIT THE CONNECTION TO COMPANY CONDUCTORS. THE COMPANY WILL CONNECT THE CABLE ON THE POLE TO THE COMPANY CONDUCTORS AND ASSUME OWNERSHIP OF FACILITIES ON IT'S SIDE OF THE SERVICE POINT.		

Figure 12.04

NO.	DATE	REVISION
1	01.23.19	Addendum 5

SCHOOL & LOCATION
CENTRAL HIGH SCHOOL
1700 W Olney Avenue
Philadelphia, PA 19141

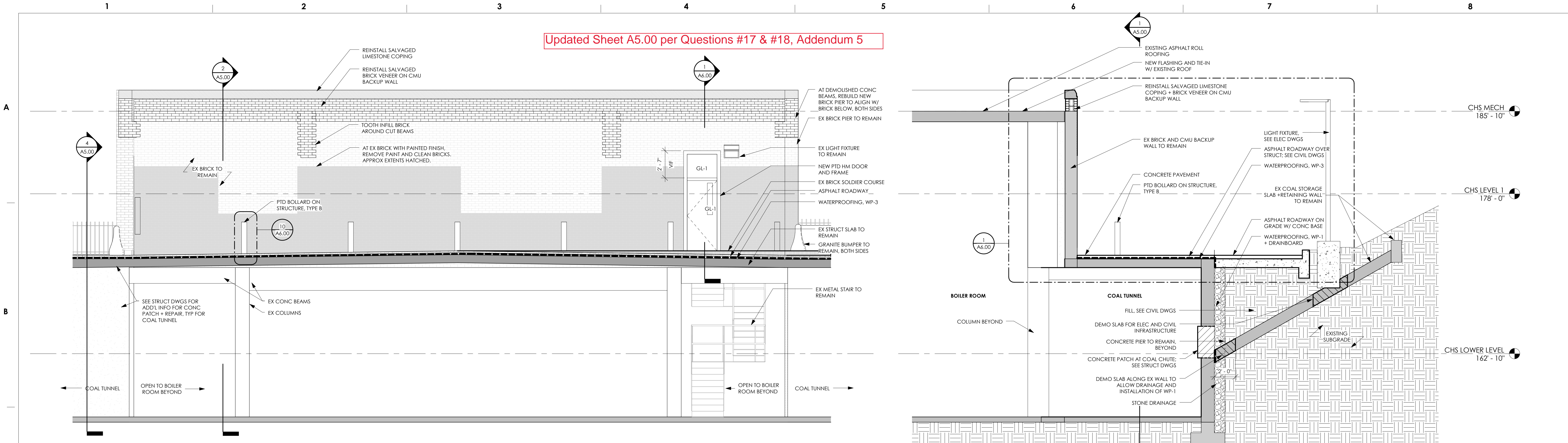
PROJECT TITLE
PHASE 1: SITE IMPROVEMENTS

DRAWING TITLE
1/4" ELEVATIONS AND SECTIONS

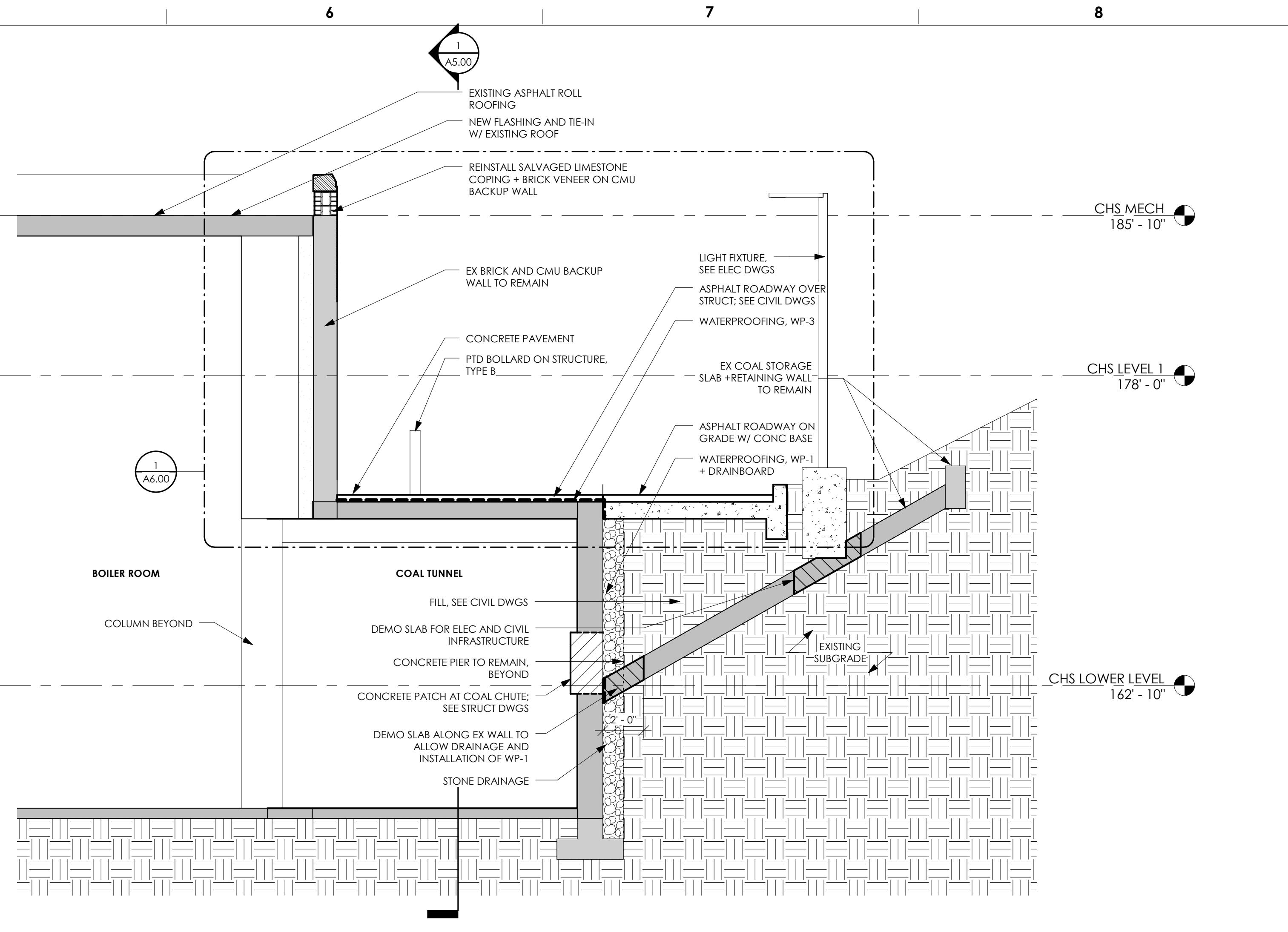
LOCATION NO.	FILE NO.
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DRAWN BY	CHECKED BY
Author	Checker
GC No. B-025 C	EC No. B-026 C

DRAWING NO.
A5.00
5 of 8

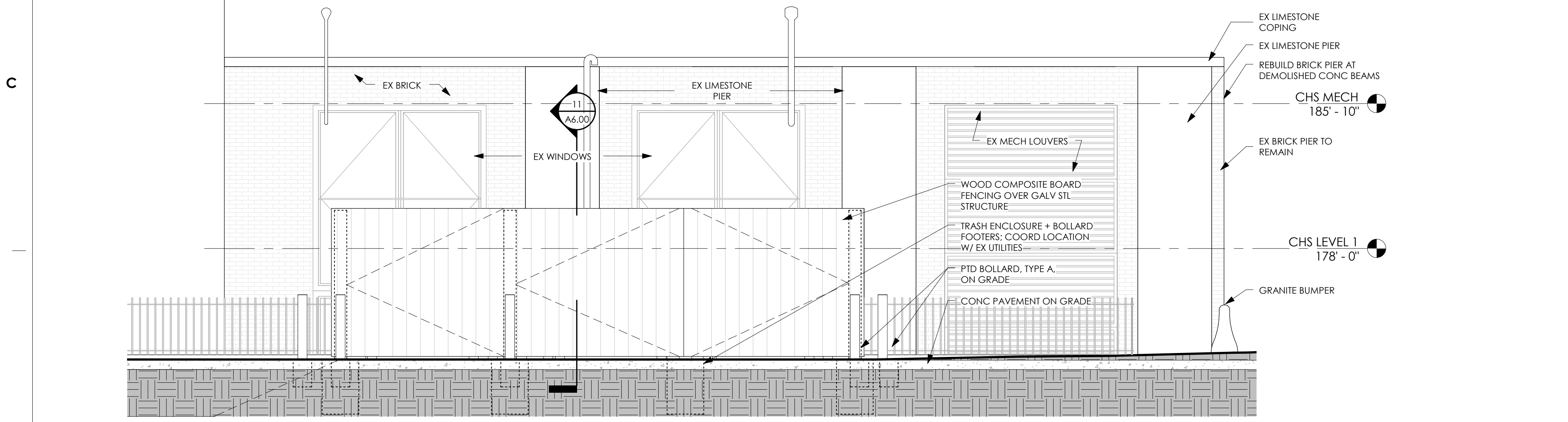
Updated Sheet A5.00 per Questions #17 & #18, Addendum 5



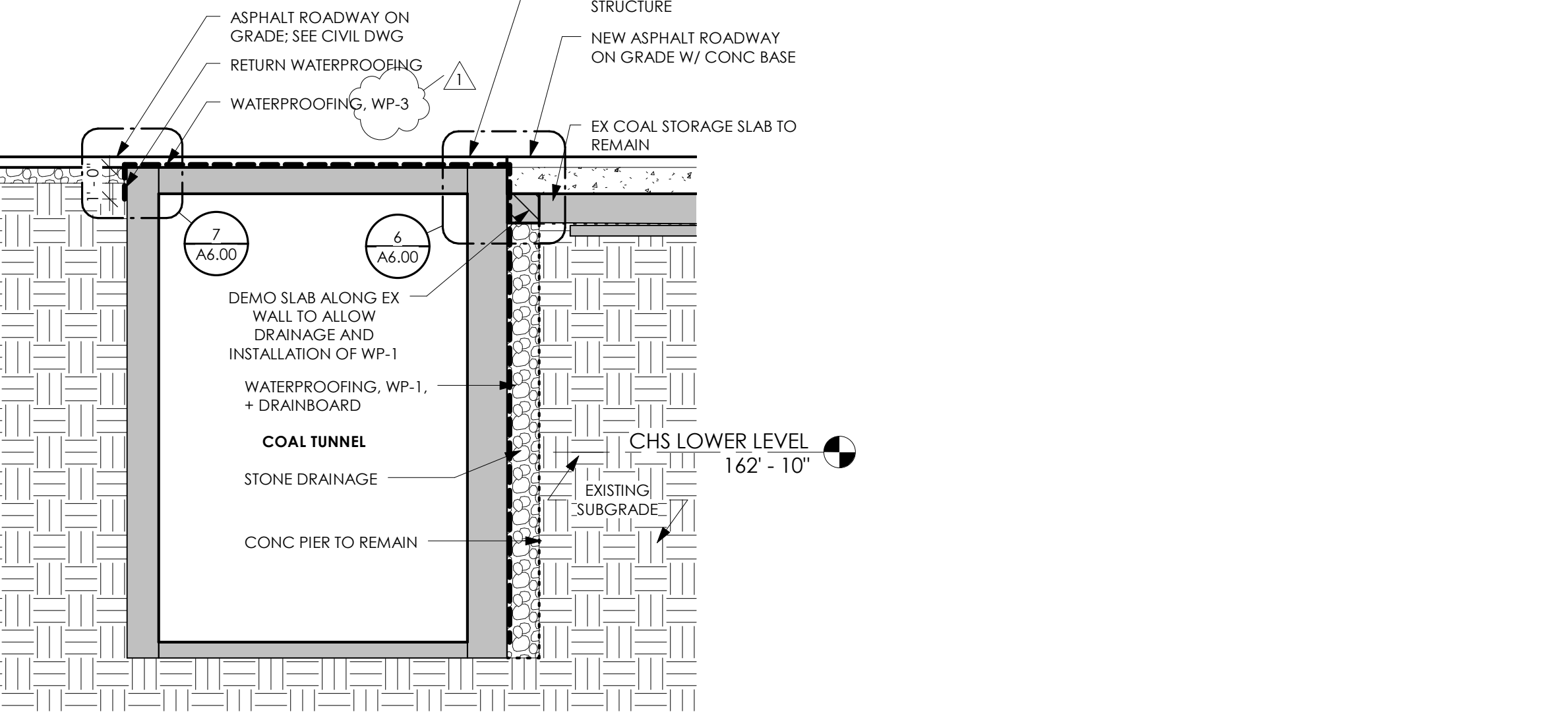
1 SECTION AT COAL TUNNEL - EAST
1/4" = 1'-0"



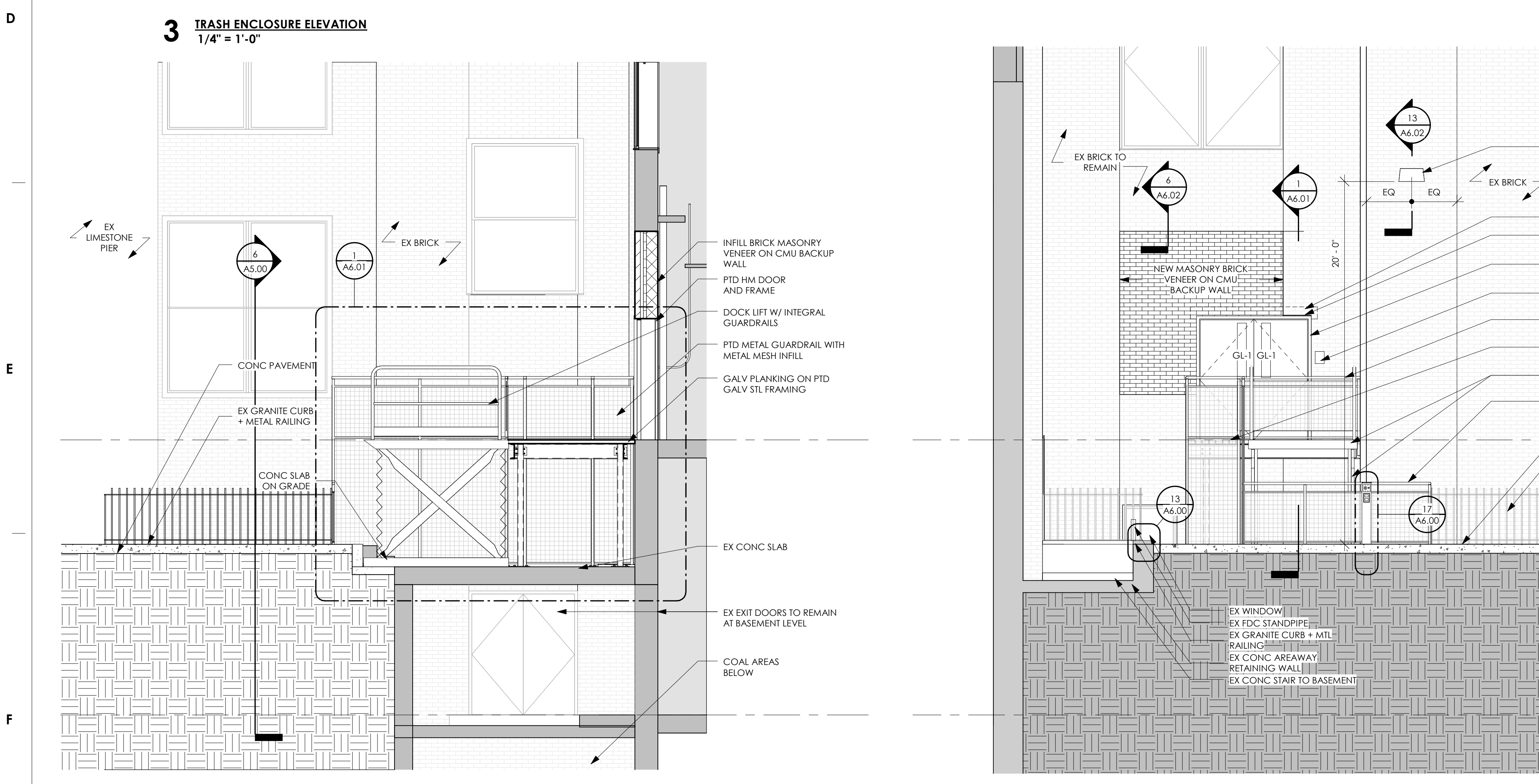
2 SECTION AT COAL TUNNEL - SOUTH
1/4" = 1'-0"



3 TRASH ENCLOSURE ELEVATION
1/4" = 1'-0"



4 SECTION AT COAL TUNNEL EXTENSION - SOUTH
1/4" = 1'-0"



5 SECTION AT LOADING RAMP - NORTH
1/4" = 1'-0"

6 SECTION AT LOADING RAMP - EAST
1/4" = 1'-0"

- GENERAL NOTES**
- REFER TO SPECIFICATION DIVISION 01 FOR INFORMATION REGARDING CUTTING + PATCHING BETWEEN EXISTING AND NEW WORK.
 - ALL DIMENSIONS ARE TO FACE OF WALL — OR TO CENTERLINE — UNLESS OTHERWISE NOTED. CLEAR DIMENSIONS ARE NOTED — | — .
 - VERIFY EXISTING CONDITIONS IN FIELD, INCLUDING EXISTING DIMENSIONS AND CONSTRUCTION DETAILS.
 - ELEVATION MARKER. FINISH FLOOR ELEVATIONS ARE BASED ON SEA LEVEL. FFE OF FIRST LEVEL IS 178.32.

SEAL:

NAME (LICENSED PROFESSIONAL) DATE
STATE AND LICENSE NO. XXXXX/20XX

ARCHITECT
MGA Partners, Architects
234 Market Street
Philadelphia, PA 19106
215.925.0100

LANDSCAPE ARCHITECT
Andropogon Associates, LTD
10 Shurs Lane, Suite 1020
Philadelphia, PA 19127
215.487.0700

CIVIL ENGINEER
Mieslera Design
259 Morgan Street
Phoenixville, PA 19460
610.933.0123

STRUCTURAL ENGINEER
CVNA Professional
1002 West 9th Avenue
King of Prussia, PA 19406
610.969.3800

SYSTEMS ENGINEER
HF Lenz
1407 Sculp Avenue
Johnstown, PA 15904
814.269.9300

LIGHTING DESIGN
The Lighting Practice
600 Chestnut Street, Suite 772
Philadelphia, PA 19106
215.238.1644

SECURITY + IT DESIGN
Professional Systems Engineering, LLC
Pensacola Business Center
1010 Church Road
Larsdale, PA 19446
215.661.1600

TRAFFIC PLANNING
Traffic Planning and Design, Inc
1417 JFK Boulevard, Suite 1230
Philadelphia, PA 19103
215.622.2525

CONSTRUCTION BID SET
DECEMBER 7, 2018

NO.	DATE	REVISION
1	01.23.19	Addendum 5

SCHOOL & LOCATION

CENTRAL HIGH SCHOOL
1700 W Olney Avenue
Philadelphia, PA 19141

PROJECT TITLE

PHASE 1: SITE IMPROVEMENTS

DRAWING TITLE

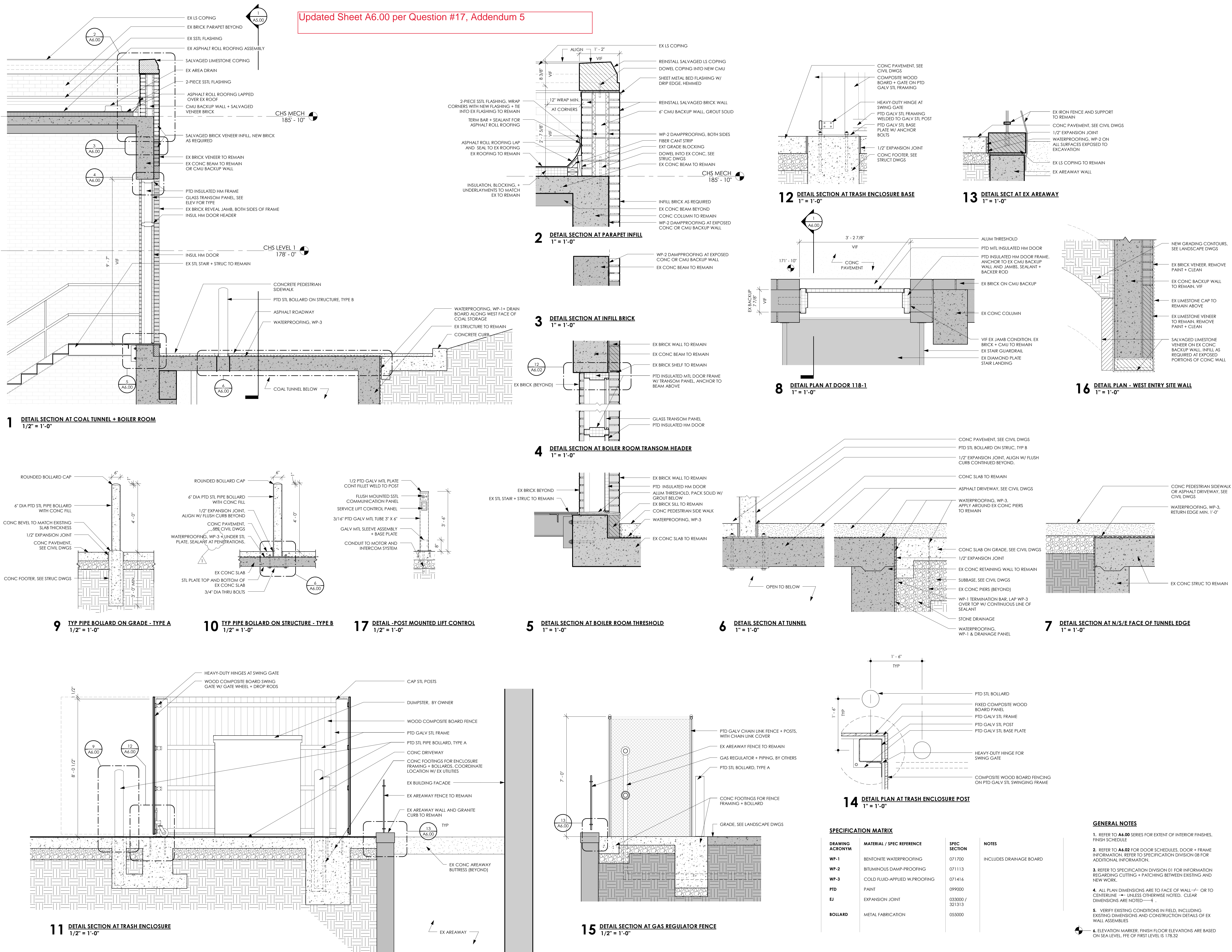
DETAILS

LOCATION NO.	FILE NO.
6010	
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Author	Checker
GC No. B-025 C	
EC No. B-026 C	

DRAWING NO.

A6.00
6 of 8

Updated Sheet A6.00 per Question #17, Addendum 5



SPECIFICATION MATRIX

DRAWING ACRONYM	MATERIAL / SPEC REFERENCE	SPEC SECTION	NOTES
WP-1	BENTONITE WATERPROOFING	071100	INCLUDES DRAINAGE BOARD
WP-2	BITUMINOUS DAMP-PROOFING	071113	
WP-3	COLD FLUID-APPLIED W.PROOFING	071416	
PTD	PAINT	099000	
EJ	EXPANSION JOINT	023000 / 321313	
BOLLARD	METAL FABRICATION	055000	

- GENERAL NOTES**
- REFER TO A6.00 SERIES FOR EXTENT OF INTERIOR FINISHES, FINISH SCHEDULE.
 - REFER TO A6.02 FOR DOOR SCHEDULES, DOOR + FRAME INFORMATION. REFER TO SPECIFICATION DIVISION 08 FOR ADDITIONAL INFORMATION.
 - REFER TO SPECIFICATION DIVISION 01 FOR INFORMATION REGARDING CUTTING + PATCHING BETWEEN EXISTING AND NEW WORK.
 - ALL PLAN DIMENSIONS ARE TO FACE OF WALL - OR TO CENTERLINE - UNLESS OTHERWISE NOTED. CLEAR DIMENSIONS ARE NOTED - .
 - VERIFY EXISTING CONDITIONS IN FIELD, INCLUDING EXISTING DIMENSIONS AND CONSTRUCTION DETAILS OF EX WALL ASSEMBLIES.
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