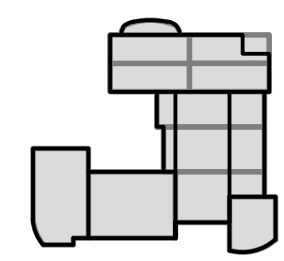


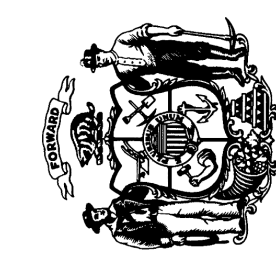
Consultant:

125 South 84th Street,
Suite 401
Milwaukee, WI 53214-1469
414 / 259 1500
414 / 259 0037 fax



KEY PLAN

State of Wisconsin
Department of Administration
Division of Facilities Development (DFD)

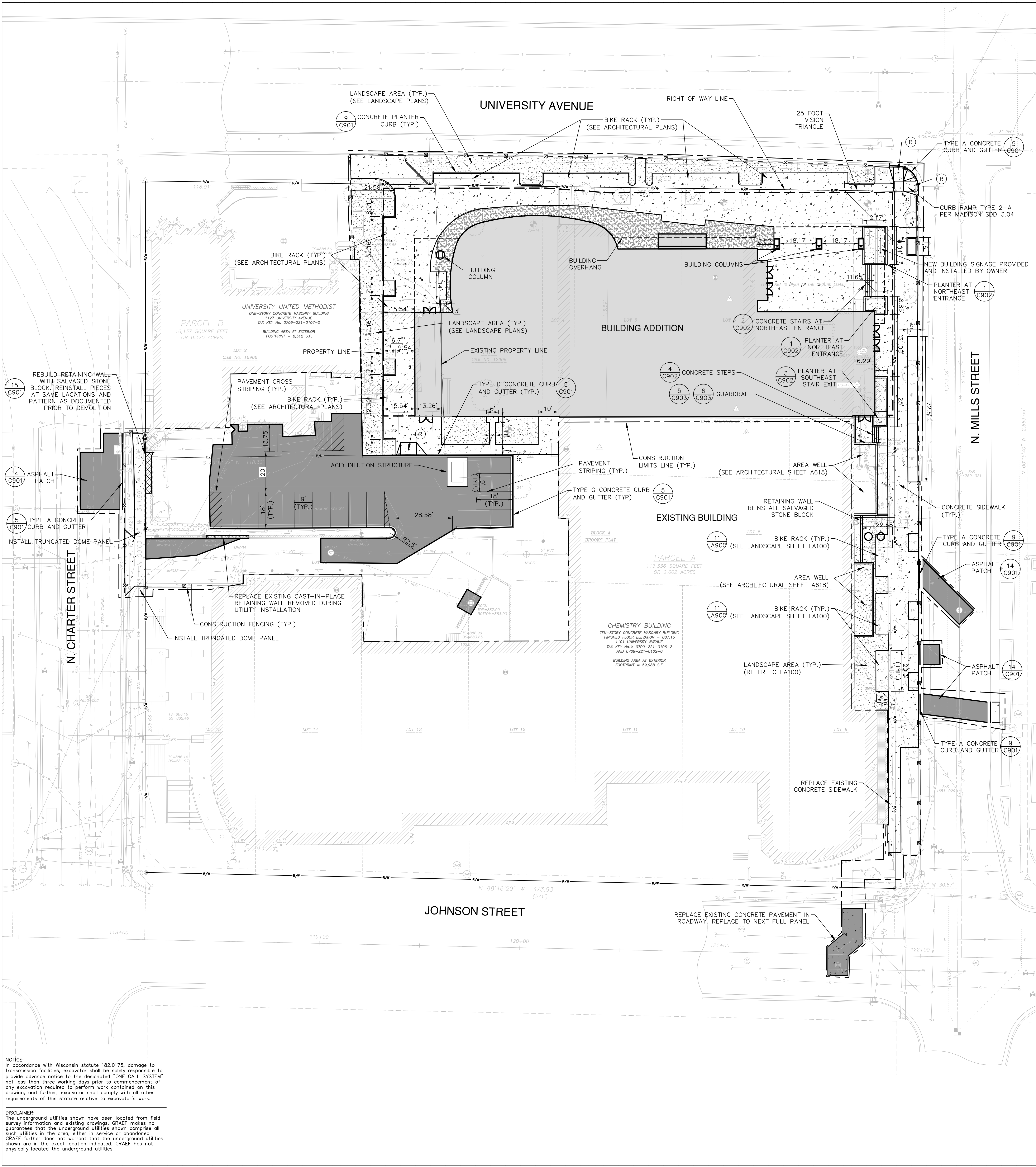


Project Address:
1101 UNIVERSITY AVENUE
MADISON, WI 53706-1322

Project Title:
CHEMISTRY BUILDING
ADDITION AND RENOVATION
Agency / Institution:
UNIVERSITY OF WISCONSIN-MADISON
MADISON, WISCONSIN
Sheet Title:
SITE LAYOUT PLAN

Revisions		
No.	Date	Description
BD	06/01/18	BID DRAWINGS

Graphic Scale	0 10' 20'
DFD Number	13B3G
Set Type	CD
Date Issued	08/08/2018
Sheet Number	C300



LEGEND

	-PROPOSED ASPHALT PAVEMENT (7 C901)
	-PROPOSED LANDSCAPE AREA (8 C901)
	-PROPOSED CONCRETE SIDEWALK (5 C901)
	-PROPOSED CONCRETE PAVEMENT (5 C901)
	-TYPE G CONCRETE CURB AND GUTTER (5 C901)
	-TYPE D CONCRETE CURB AND GUTTER (5 C901)
	-TYPE A CONCRETE CURB AND GUTTER (5 C901)
	-CONCRETE PLANTER CURB (9 C901)
	-PROPOSED ADA RAMP WITH TRUNCATED DOMES (R)

GENERAL NOTES

- SEE SHEET C100 FOR GENERAL NOTES.

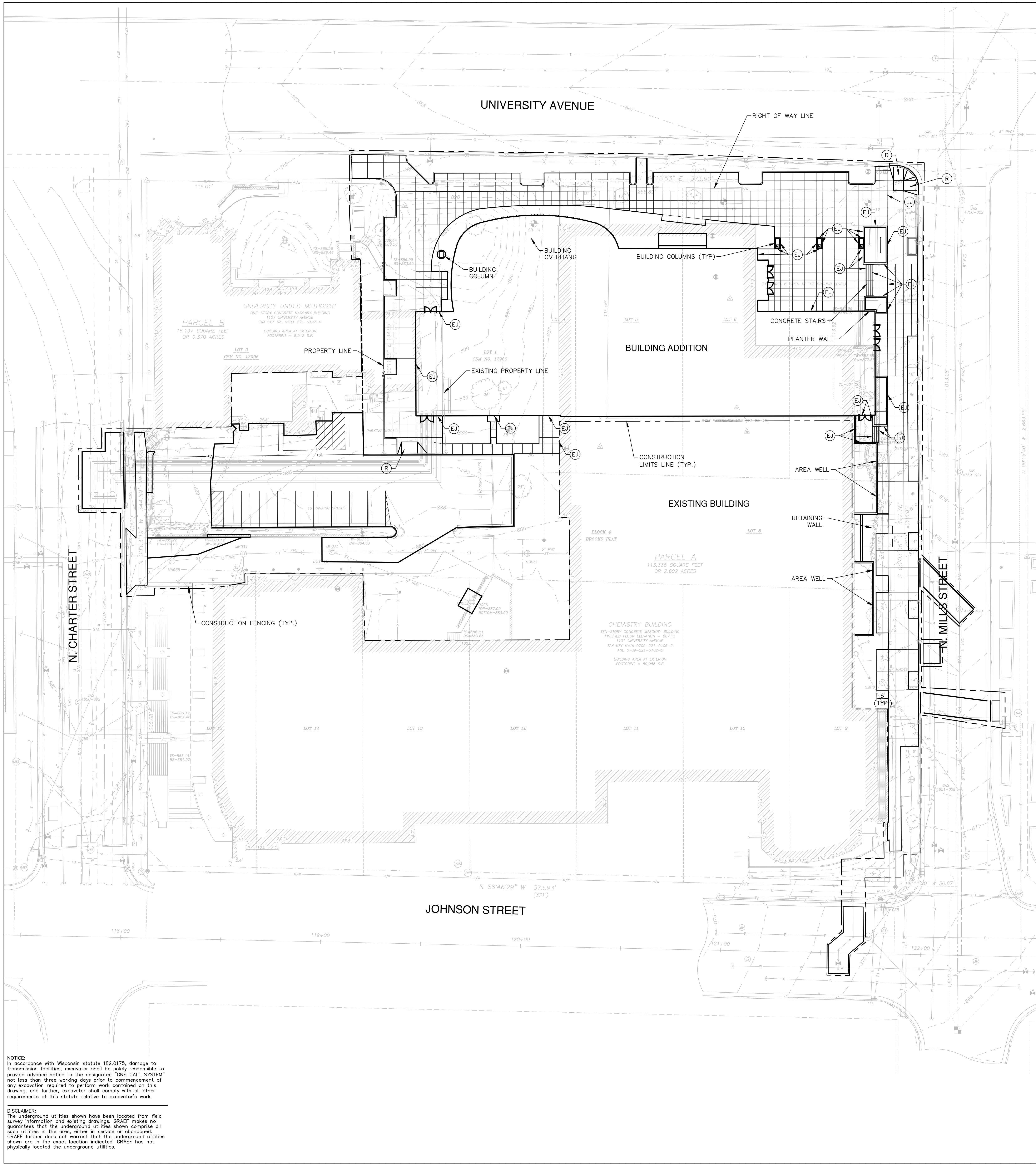
LAYOUT NOTES

- THE BUILDING OUTLINES SHOWN ARE FOR REFERENCE PURPOSES ONLY AND SHALL NOT BE USED FOR STAKING PURPOSES. THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT AND STRUCTURAL ENGINEER ON THE STAKING OF THE BUILDING.
- ALL DIMENSIONS SHOWN ARE TO THE EDGE OF PAVEMENT OR FACE OF CURB WHERE CONCRETE CURB IS SHOWN.
- STANDARD CURB RADIUS IS 3' UNLESS INDICATED OTHERWISE.
- REFER TO LANDSCAPING PLANS FOR SITE RESTORATION INFORMATION AND DETAILS.
- HANDICAP PARKING STALLS SHALL BE FURNISHED WITH A CONCRETE WHEEL STOP WHEN ADJACENT TO FLUSH CONCRETE CURB AND GUTTER.
- UW PARKING FACILITIES ARE DESIGNED TO MEET THE UW-MADISON AND STATE OF WISCONSIN REQUIREMENTS.
- SEE LANDSCAPE PLAN FOR SITE AMENITIES.
- SEE LANDSCAPE PLAN FOR TREES AND GRATES.

NOTICE:
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

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LEGEND

- PROPOSED VERTICAL CURB
- (R) — PROPOSED ADA RAMP WITH TRUNCATED DOMES
- (EJ) — PROPOSED EXPANSION JOINT

GENERAL NOTES

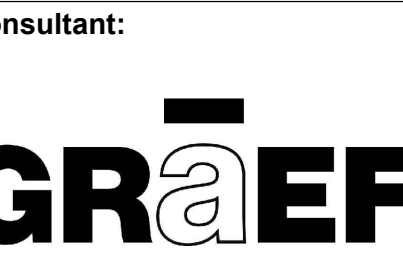
1. SEE SHEET C100 FOR GENERAL NOTES.

LAYOUT NOTES

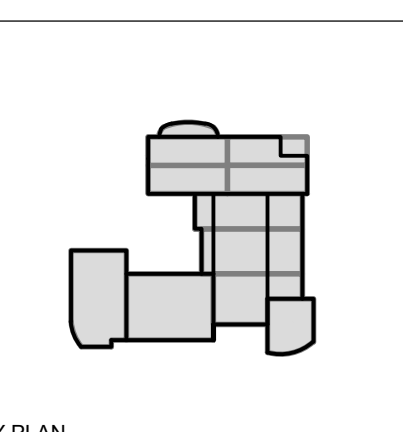
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2. ALL DIMENSIONS SHOWN ARE TO THE EDGE OF PAVEMENT OR FACE OF CURB WHERE CONCRETE CURB IS SHOWN.
3. REFER TO LANDSCAPING PLANS FOR SITE RESTORATION INFORMATION AND DETAILS.
4. CONTRACTOR SHALL SUBMIT A CONCRETE JOINTING PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION. JOINTING PLAN SHALL INDICATE: POUR SEQUENCE, LOCATION OF CONSTRUCTION ISOLATION, CONTRACTION JOINTS, AND TYPE OF REINFORCEMENT.

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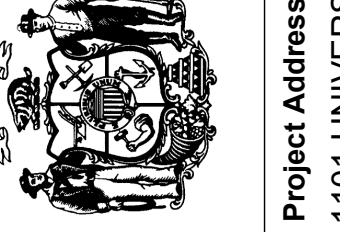
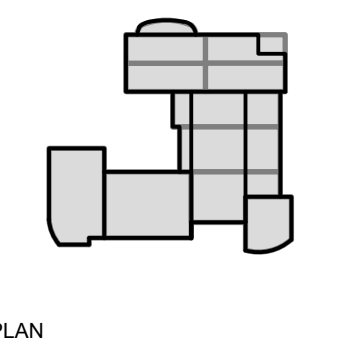
Project Address:
 1101 UNIVERSITY AVENUE
 MADISON, WI 53706-1322

Project Title:
**CHEMISTRY BUILDING
 ADDITION AND RENOVATION**
 Agency / Institution:
**UNIVERSITY OF WISCONSIN-MADISON
 MADISON, WISCONSIN**
 Sheet Title:
CONCRETE JOINTING PLAN

Revisions		
No.	Date	Description
BD	06/01/18	BID DRAWINGS

Graphic Scale	0 10' 20'
DFD Number	13B3G
Set Type	CD
Date Issued	08/08/2018
Sheet Number	C301

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Revisions

No.	Date	Description
BD	06/01/18	BID DRAWINGS
1	06/15/18	ADDENDUM #001
2	06/25/18	ADDENDUM #002

Graphic Scale	0 10' 20'
DFD Number	13B3G
Set Type	CD
Date Issued	08/08/2018
Sheet Number	C500

LEGEND

- STM--- PROPOSED STORM SEWER
- SAN--- PROPOSED SANITARY SEWER
- W--- PROPOSED WATER MAIN
- E--- PROPOSED ELECTRICAL
- STEAM--- PROPOSED STEAM DUCT
- CWS--- PROPOSED CHILLED WATER SUPPLY LINE
- CWR--- PROPOSED CHILLED WATER RETURN LINE
- T--- PROPOSED TELECOM LINE
- EASE--- PROPOSED UTILITY EASEMENT
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- ⊙ PROPOSED GATE VALVE
- PROPOSED HYDRANT
- ⊔ PROPOSED UTILITY PLUG
- PROPOSED TRENCH DRAIN

GENERAL NOTES

- SEE SHEET C100 FOR GENERAL NOTES.
- CONTRACTOR SHALL VERIFY ELEVATION OF EXISTING INVERTS PRIOR TO INSTALLATION OF PROPOSED UTILITIES.
- BUILDING LATERALS SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL AND STATE PLUMBING CODES. SITE UTILITY CONTRACTOR SHALL STUB LATERALS WITHIN BUILDING FOUNDATION. THE WATER SERVICE SHALL BE PIPED TO THE FIRST INTERIOR FLANGE FOR THE PC TO MAKE CONNECTION. THE WATER SERVICE SHALL BE TESTED TO 200 PSI BY THE SITE UTILITY CONTRACTOR AND THE TEST MUST BE PROPERLY DOCUMENTED. THE REQUIRED HIGH VOLUME FLUSHING OF THE MAIN SHALL BE CONDUCTED BY THE FIRE PROTECTION CONTRACTOR. SEE INTERIOR PLUMBING PLANS FOR CONTINUATION OF PIPING IN BUILDING BY BUILDING PLUMBING CONTRACTOR.
- CONTRACTOR SHALL CENTER ONE FULL LENGTH OF WATER PIPE ON SEWER AT WATER MAIN CROSSINGS, THAT BOTH JOINTS WILL BE AS FAR FROM SEWER AS POSSIBLE.
- GENERAL CONTRACTOR SHALL COORDINATE WITH LOCAL GAS, TELEPHONE, AND ELECTRICAL UTILITIES FOR EXACT LOCATION, SIZE AND DEPTH OF NEW SERVICE.
- SANITARY SEWER SHALL BE PVC, ASTM D3034, SDR 35 UNLESS INDICATED OTHERWISE.
- WATER MAIN SHALL BE AWWA C900, CLASS 150, DR-18 PVC UNLESS INDICATED OTHERWISE.
- ALL SANITARY PRECAST MANHOLES SHALL CONFORM TO ASTM C-478 AND SHALL BE A MINIMUM OF 48-INCH DIAMETER WITH ECCENTRIC CONE TYPE PRECAST TOPS AND SHALL BE FITTED WITH AN EXTERNAL SEAL. FLAT TOP SLABS SHALL BE USED ONLY WITH APPROVAL OF THE VILLAGE ENGINEER.
- CONTRACTOR SHALL PROVIDE DRAIN TILE AT ALL PROPOSED CATCH BASINS. SEE PLAN VIEW FOR DETAIL DESIGN INFORMATION.
- BUILDING ROOF DRAINS SHALL BE SDR-35, ASTM D3034, PVC, UNLESS OTHERWISE NOTED.
- RIM ELEVATIONS IN CURB AND GUTTER ARE FLANGE GRADES.
- PIPE LENGTHS AND INVERTS ARE TO CENTER OF STRUCTURES.
- CRUSHED STONE BACKFILL SHALL BE USED UNDER AND WITHIN 5' OF ALL PAVED AREAS.
- COORDINATE DOCK SHUTDOWN WITH DFD CONSTRUCTION REPRESENTATIVE. DOCK SHUTDOWN MAY NOT EXCEED 48 HOURS.
- EXERCISE CAUTION DURING UTILITY INSTALLATION TO AVOID DAMAGE TO THE ROOT STRUCTURE OF EXISTING TREES TO REMAIN ALONG MILLS ST.

UTILITY NOTES

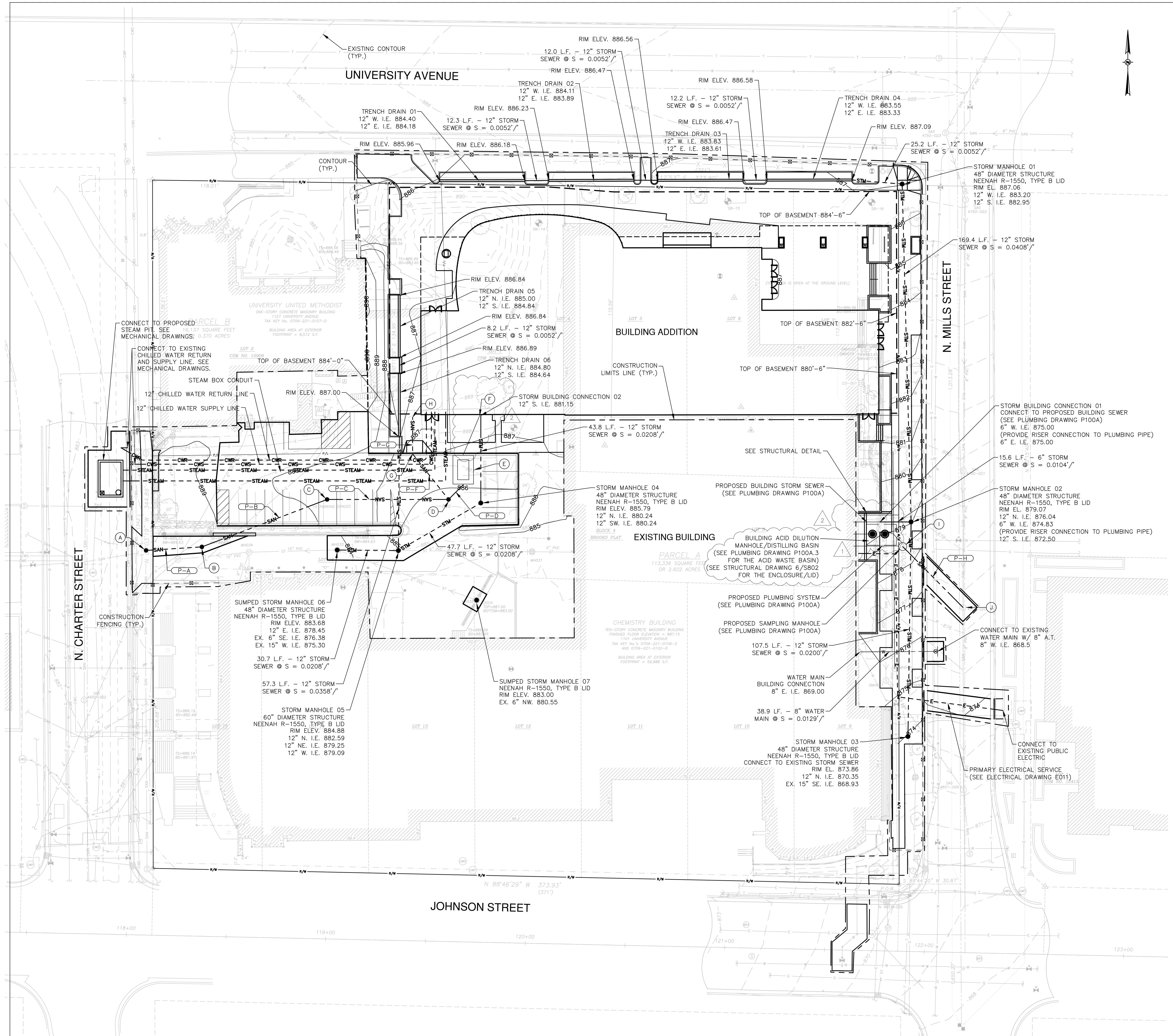
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SANITARY STRUCTURES

- (A) CONNECT TO PROPOSED SANITARY SEWER RELAY MANHOLE (SEE CHARTER STREET PROJECT 13B3G)
RIM EL. 883.40
8" E. I.E. 871.11
8" N. I.E. 870.86
- (B) SANITARY MANHOLE 48" DIAMETER STRUCTURE NEENAH R-1550, TYPE B LID
RIM EL. 883.78
8" NE. I.E. 871.53
8" W. I.E. 871.40
- (C) SANITARY MANHOLE 48" DIAMETER STRUCTURE NEENAH R-1550, TYPE B LID
RIM EL. 887.64
8" E. I.E. 872.36
8" SW. I.E. 872.23
- (D) SANITARY MANHOLE W/ OUTSIDE DROP 60" DIAMETER STRUCTURE NEENAH R-1550, TYPE B LID
RIM EL. 885.82
8" N. D.D. 879.99
8" N. I.E. 873.24
8" NW. I.E. 873.24
8" W. I.E. 872.99
- (E) ACID DILUTION BASIN (SEE PLUMBING DRAWING P100A.3 FOR THE ACID WASTE BASIN) (SEE STRUCTURAL DRAWING DETAIL 5/S802 FOR THE ENCLOSURE/LID)
RIM EL. 887.07
8" NE. I.E. 880.71
8" SW. I.E. 880.21
- (F) ACID WASTE BUILDING CONNECTION (SEE PLUMBING DRAWINGS FOR DETAILS)
- (G) 8" X45' 8" I.E. 878.09
- (H) SANITARY BUILDING CONNECTION 8" S. I.E. 881.15
- (I) CONNECT TO PROPOSED SAMPLING MH (SEE INTERNAL PLUMBING DRAWINGS)
RIM EL. 878.55
6" W. I.E. 875.00
6" E. I.E. 875.00
- (J) EXISTING SANITARY MANHOLE RIM EL. 876.51 (EX.) 8" N. I.E. 868.33 (PR.) 6" W. I.E. 873.21 (EX.) 8" S. I.E. 868.33

SANITARY PIPES

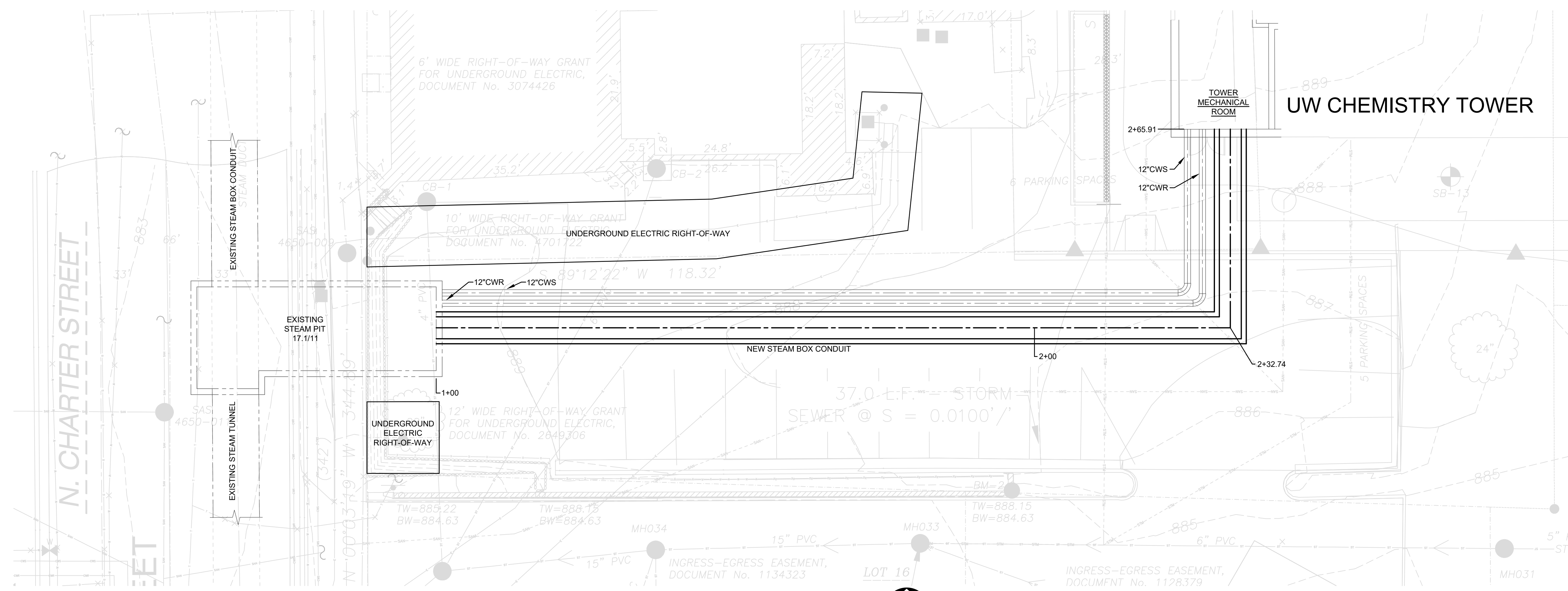
- (P-A) 28.0 L.F. - 8" SANITARY SEWER @ S = 0.0104'/'
- (P-B) 67.1 L.F. - 8" SANITARY SEWER @ S = 0.0104'/'
- (P-C) 60.9 L.F. - 8" SANITARY SEWER @ S = 0.0104'/'
- (P-D) 10.4 L.F. - 8" SANITARY SEWER @ S = 0.0208'/'
- (P-E) NOT USED
- (P-F) 29.1 L.F. - 8" SANITARY SEWER @ S = 0.1670'/'
- (P-G) 18.3 L.F. - 8" SANITARY SEWER @ S = 0.1670'/'
- (P-H) 42.9 L.F. - 6" SANITARY SEWER @ S = 0.0417'/'



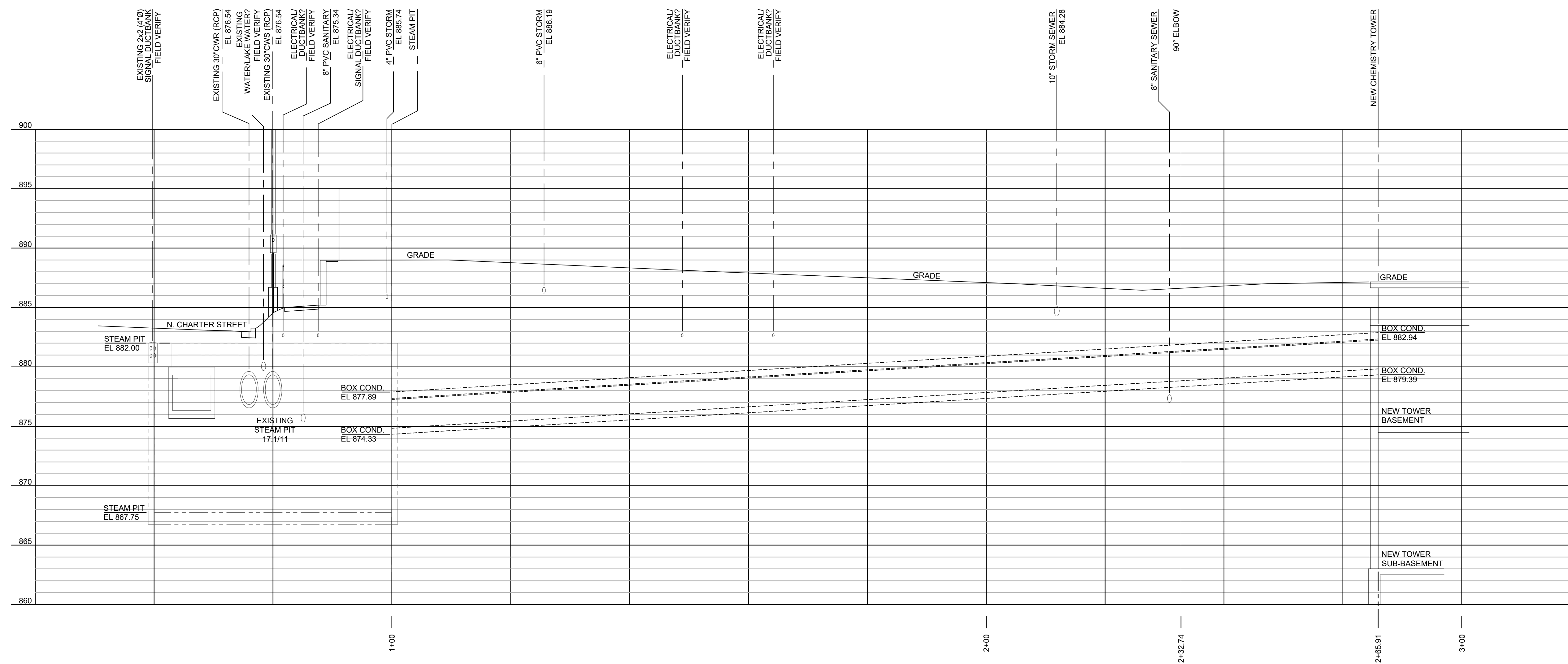
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1 PLAN - STEAM BOX CONDUIT
 SCALE: 1" = 10'-0"
 NORTH

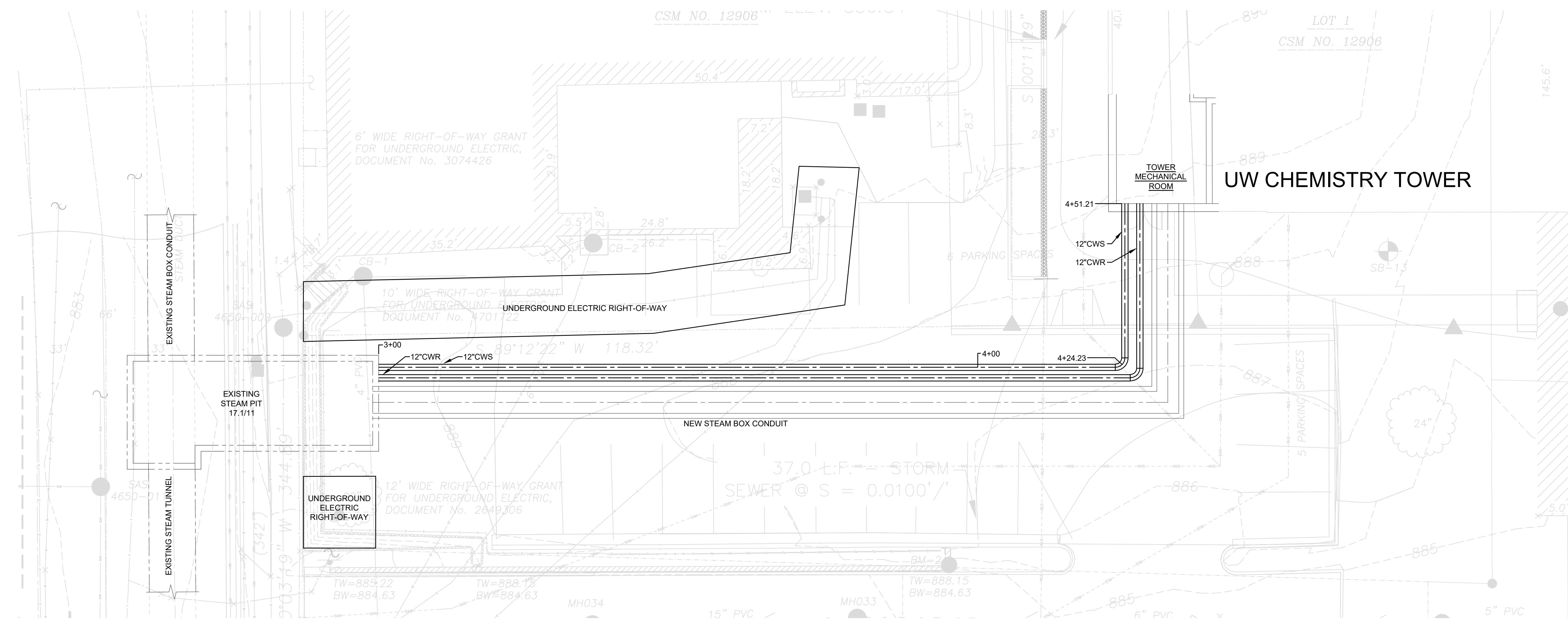


2 PROFILE - STEAM BOX CONDUIT
 SCALE: HORIZONTAL: 1" = 10'-0"
 VERTICAL: 1" = 5'-0"

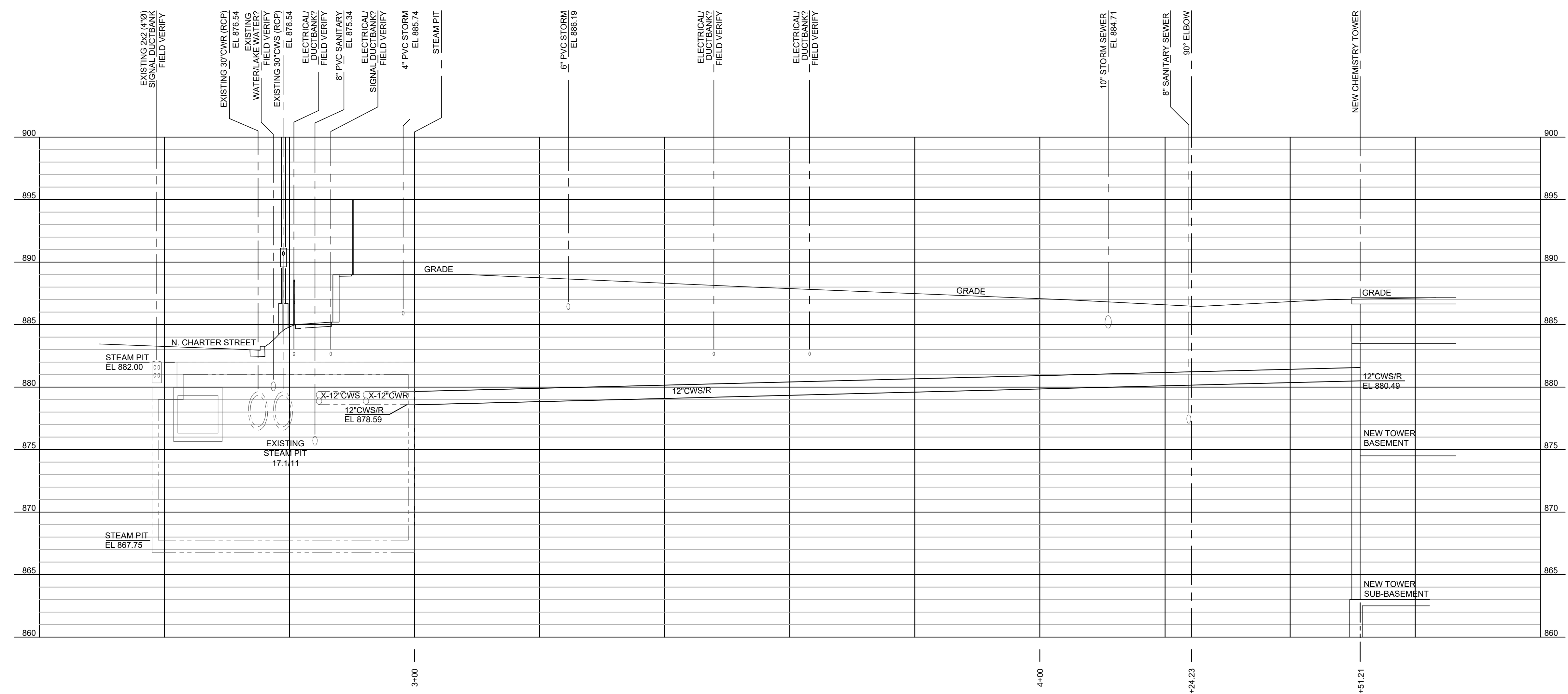
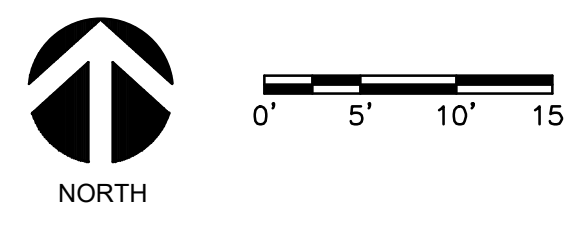
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No.	Date:	Description:
BD	06/01/18	BID DRAWINGS

Graphic Scale	VARIABLE
DFD Number	13B3G
Set Type	CD
Date Issued	08/08/2018
Sheet Number	C700

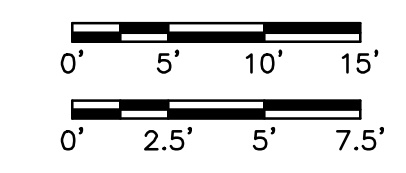




1 PLAN - CHILLED WATER PIPING
SCALE: 1" = 10'-0"



2 PROFILE - CHILLED WATER PIPING
SCALE: HORIZONTAL: 1" = 10'-0"
VERTICAL: 1" = 5'-0"



KEY PLAN

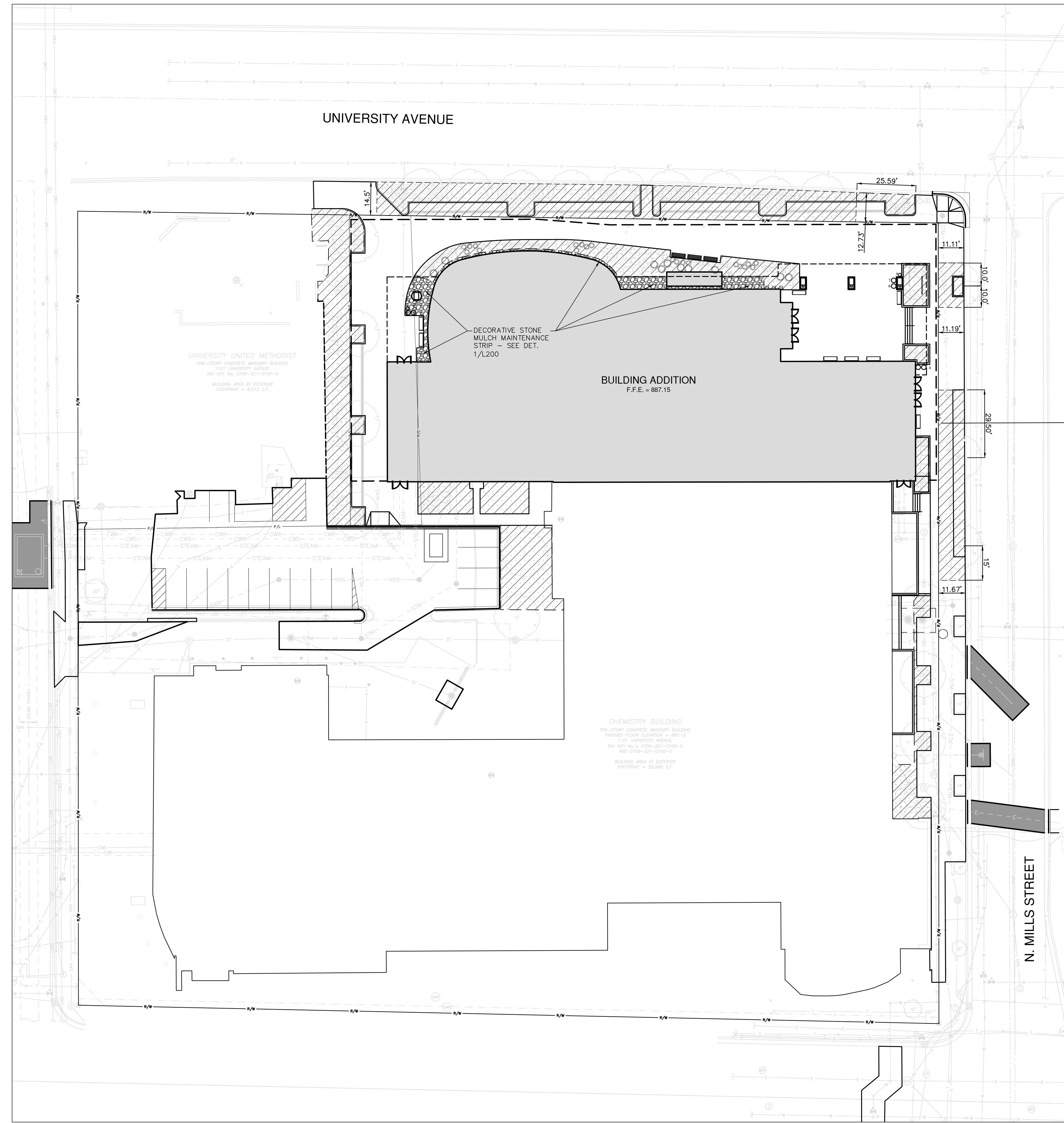
State of Wisconsin
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Project Address:
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Project Title:
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Agency / Institution:
UNIVERSITY OF WISCONSIN-MADISON
Sheet Title:
CHILLED WATER PLAN AND
PROFILE

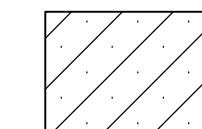
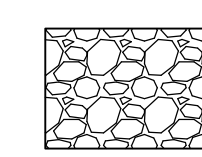
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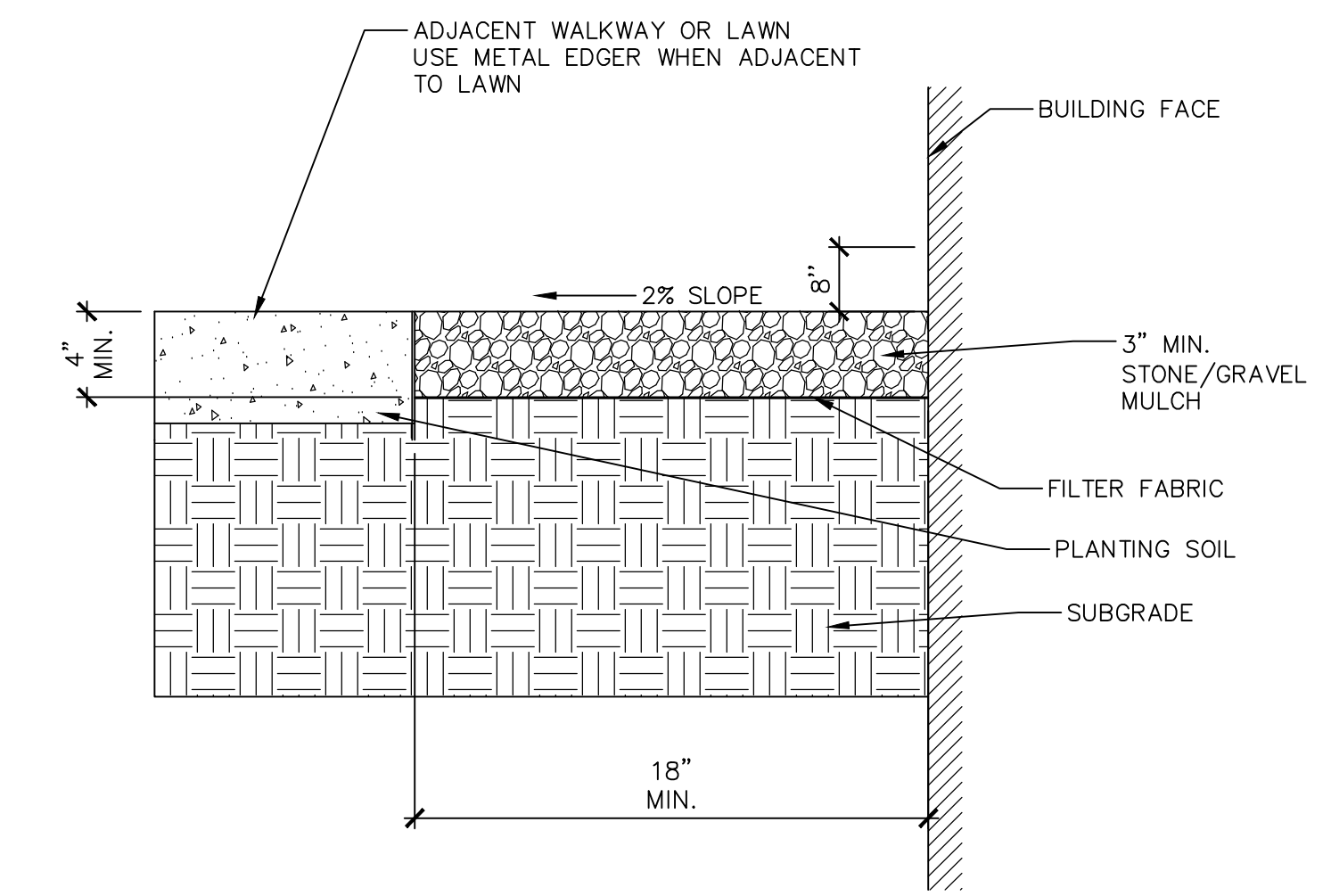
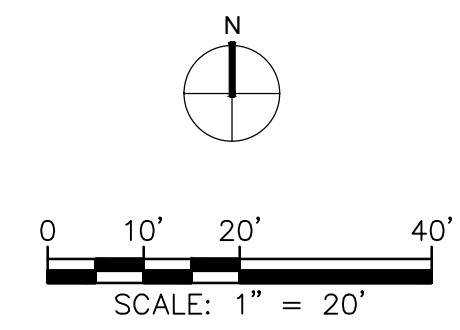
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DFD Number	13B3G
Set Type	CD
Date Issued	08/08/2018
Sheet Number	C701

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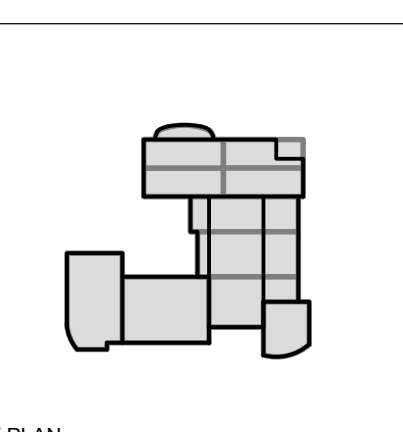


LANDSCAPE LEGEND


-  PLANTING SOIL MIX: SEE SPECIFICATIONS AND DETAILS FOR DEPTH AND COMPOSITION
-  DECORATIVE STONE MULCH MAINTENANCE STRIP: SEE SPECIFICATIONS AND DETAIL 1/L200 FOR DEPTH AND COMPOSITION



1 DECORATIVE STONE MULCH MAINTENANCE STRIP
SCALE: NOT TO SCALE



Revisions		
No.	Date	Description
BD	06/01/18	BD DRAWINGS

Graphic Scale	
DFD Number	1383G
Set Type	CD
Date Issued	08/08/2018
Sheet Number	LA200

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