

ADDENDUM IV

Date of Addendum: April 29, 2022

Project Name: UNCW Randall Library Expansion and Renovation

SCO # 18-19656-02A

PROJECT INFORMATION

- A. Owner: State of North Carolina through The University of North Carolina at Wilmington
- B. Architect: LS3P
- C. Architect Project Number: 7202-197980

NOTICE TO BIDDERS

- A. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. Attachments within this Addendum include, but may not be limited to, modifications as noted.

ATTACHMENTS

- A. This Addendum includes the following attached Documents and Specification Sections:
 - 1. Project Sign Sample, reissued.
 - 2. Section 232123, reissued.
- B. This Addendum includes the following attached Sheets:
 - 1. Civil:
 - a. Sheets C-101, C-102, C-103, C-104, C-105, C-106, C-106A, C-107, C-108, C-109, C-110, reissued
 - b. Sheet PR1, new
 - 2. Structural:
 - a. Sheets S-101A, S101BC, S102A, S103A, S104, S212, S502, reissued
 - 3. Architectural:
 - a. Sheet A-101, reissued
 - b. Sheets A-401, A-402, new
 - 4. Mechanical:
 - a. Sheets MU002, MU003, MU100, MU101, MU102, MU103, MU104, reissued
 - 5. Electrical:
 - a. Sheets EU100, EU102, EU103, EU104, EU105, EU106, EU107 EU108, EU400, EU501, reissued

6. Technology:
 - a. Sheets TU100, TU101, reissued

REVISIONS TO DIVISION 01 GENERAL REQUIREMENTS

Item IV-1. Project Sign Sample: Replace with revised Project Sign Sample, included.

REVISIONS TO DIVISIONS 02 - 49 SPECIFICATION SECTIONS

Item IV-2. Section 232123: Replace with revised section, included. Added Gundfos to approved manufacturer.

REVISIONS TO DRAWING SHEETS

Item IV-3. Sheets C-101, C-102, C-103, C-104, C-105, C-106, C-106A, C-107, C-108, C-109, C-110: Replace with revised sheets, included.

Item IV-4. Add Sheet PR-1, included.

Item IV-5. Sheets S-101A, S-102A, S-103A, S-104, S-502: Replace with revised sheets, included. Revised elevator rail size to match details.

Item IV-6. Sheet S-101BC: Replace with revised sheet, included. Revised site walls and stairs.

Item IV-7. Sheet S-212: Replace with revised sheet, included. Revised rebar quantity at stair.

Item IV-8. Sheet A-101: Replace with revised sheet, included. Adjust sidewalk at north and south courtyards.

Item IV-9. Add Sheets A-401 and A-402, included. New sheets for enlarged stair plans and sections.

Item IV-10. Sheets MU002, MU003, MU100, MU101, MU102, MU103, MU104: Replace with revised sheets, included. Updated thermal utility routing per UNCW direction.

Item IV-11. Sheets EU100, EU102, EU103, EU104, EU105, EU106, EU107 EU108: Replace with revised sheets, included. Updated utility routing per UNCW direction.

Item IV-12. Sheet EU400: Replace with revised sheet, included. Updated single line and notes.

Item IV-13. Sheet EU501: Replace with revised sheet, included. Updated details.

Item IV-14. Sheets TU100, TU101: Replace with revised sheets, included. Updated utility routing per UNCW direction.

END OF ADDENDUM IV

THE LINE SHOWN ABOVE IS
LOCATED ON THE FOLLOWING
TYPICAL CHILLED WATER PIPING

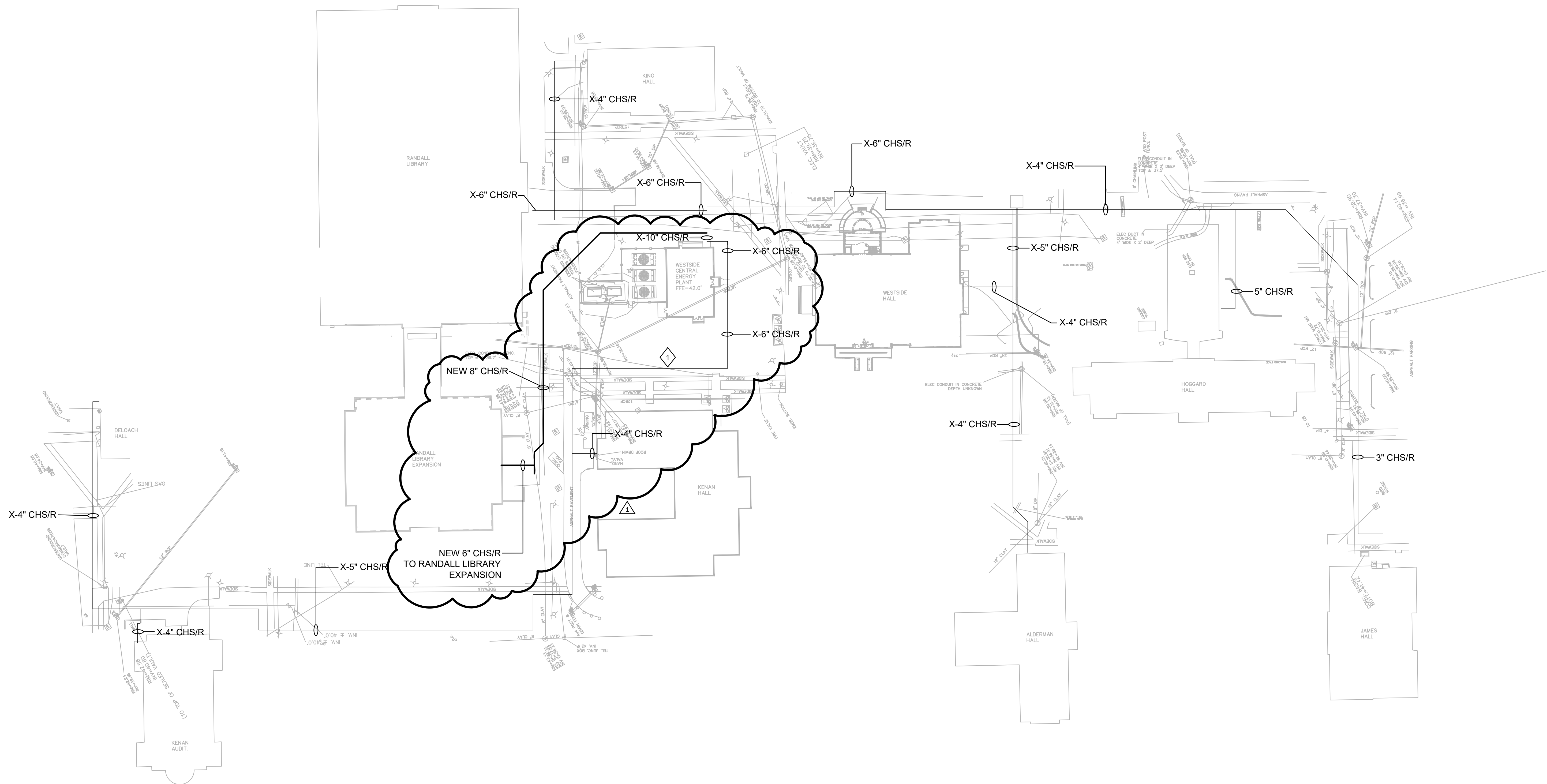
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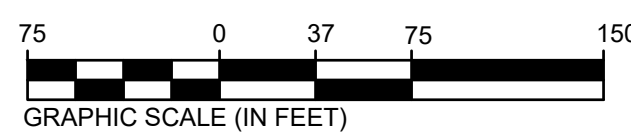
C

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1 CHILLED WATER DISTRIBUTION PLAN
SCALE: 1" = 60'-0"



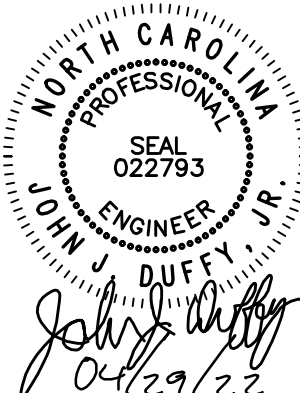
SHEET KEYNOTES:

1 DEMOLITION OF EXISTING CHILLED WATER AND INSTALLATION OF NEW CHILLED WATER PIPING BETWEEN THE WESTSIDE CEP AND THE RANDALL LIBRARY EXPANSION TO BE INSTALLED BETWEEN NOVEMBER AND APRIL TO HAVE MINIMAL IMPACT TO THE WESTSIDE CEP CHILLED WATER DISTRIBUTION SYSTEM. COORDINATE WITH UNCW TO PROVIDE TEMPORARY COOLING IF NECESSARY TO KENAN HALL, KENAN AUDITORIUM AND DELOACH HALL.



101 NORTH THIRD STREET SUITE 500
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**RANDALL LIBRARY
RENOVATION & EXPANSION**

UNCW
5162 RANDALL DRIVE
WILMINGTON, NC 28403
SCO ID: 18-19656-02A
LS3P PROJECT: 7202-197980

A	DATE	DESCRIPTION
0	2022.02.14	BID DOCUMENTS
1	2022.04.29	ADDENDUM 4

SHEET NAME:
WESTSIDE CEP
CHILLED WATER
DISTRIBUTION PLAN

ORIG SUBMISSION: 2022.02.14
CURRENT: 2022.02.14

SHEET:
MU002

PACKAGE A -
BID DOCUMENTS

THESE DIMENSIONS ARE
APPROXIMATE AND
SHOULD BE USED ONLY AS A
GUIDE TO THE LOCATION OF
THESE DIMENSIONS.

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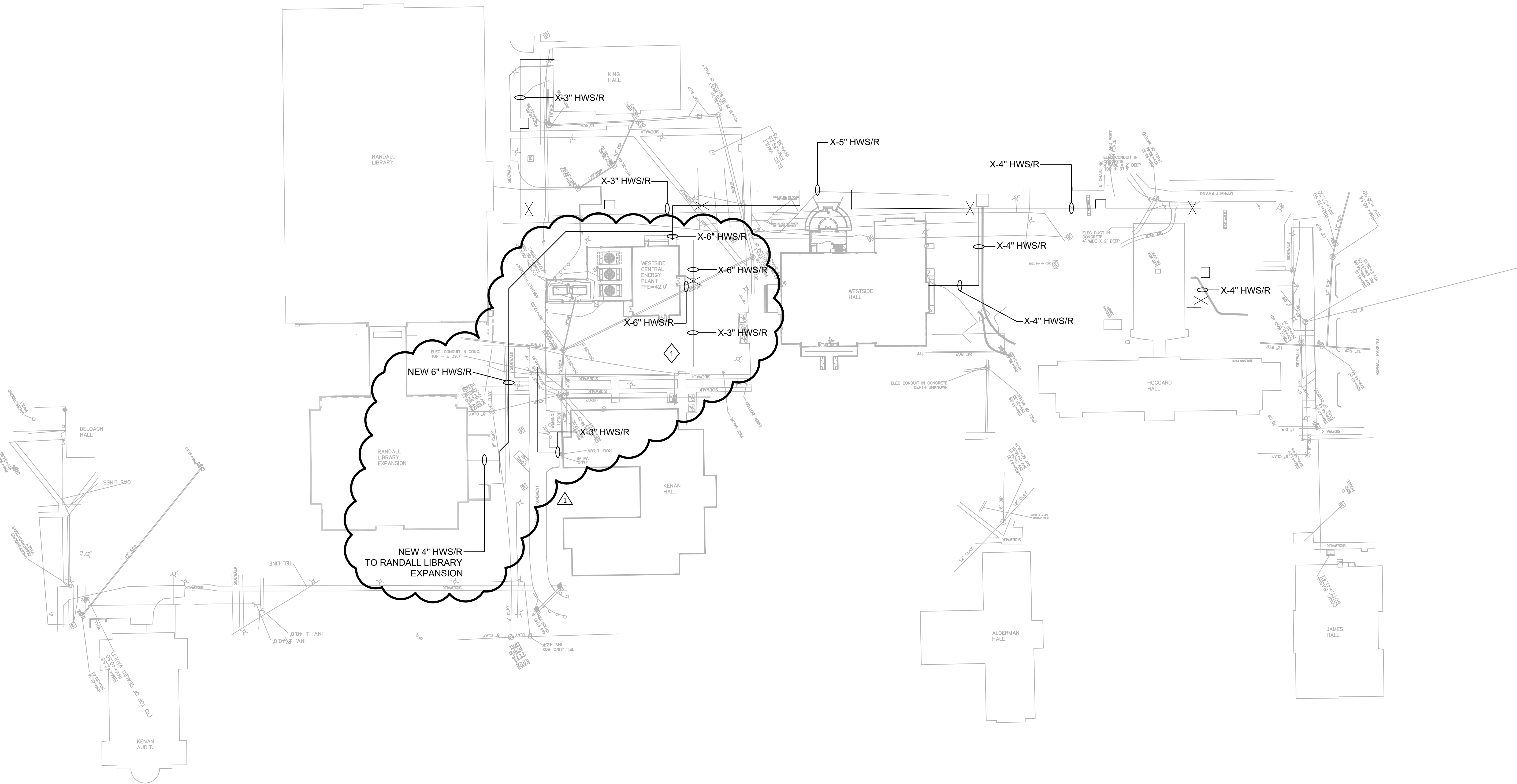
2

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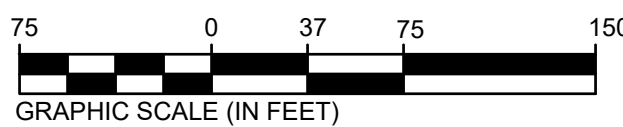
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1 HOT WATER DISTRIBUTION PLAN
SCALE: 1" = 60'-0"



SHEET KEYNOTES:

1 DEMOLITION OF EXISTING HOT WATER AND INSTALLATION OF NEW HOT WATER PIPING BETWEEN THE WESTSIDE CEP AND THE RANDALL LIBRARY EXPANSION TO BE INSTALLED BETWEEN NOVEMBER AND APRIL. PROVIDE TEMPORARY SKID MOUNTED HOT WATER BOILER AND PUMP TO PROVIDE HEATING TO KENAN HALL.



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SHEET NAME:
WESTSIDE CEP
HOT WATER
DISTRIBUTION PLAN

ORIG SUBMISSION: 2022.02.14
CURRENT: 2022.02.14

SHEET:
MU003

PACKAGE A -
BID DOCUMENTS

THE LINE SHOWN ABOVE IS
BASED ON THE INFORMATION
PROVIDED BY THE OWNER.
THE LINE SHOWN ABOVE IS
NOT TO BE CONSIDERED AS
A GUARANTEE OF THE
ACCURACY OF THE
INFORMATION PROVIDED.

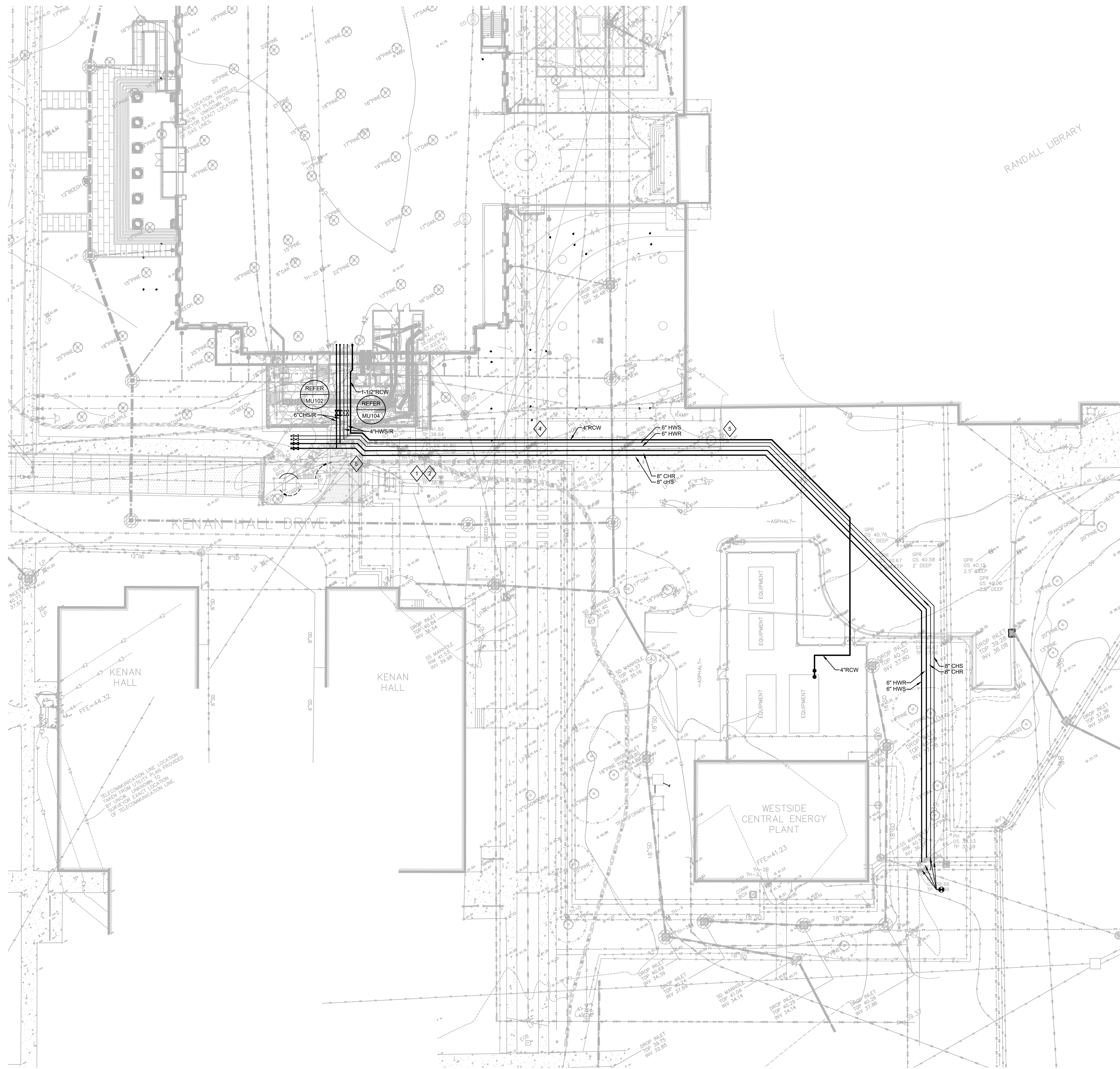
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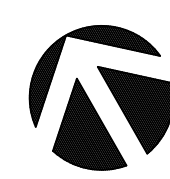
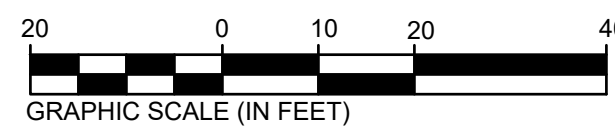
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1 OVERALL MECHANICAL SITE PLAN
SCALE: 1" = 20'-0"



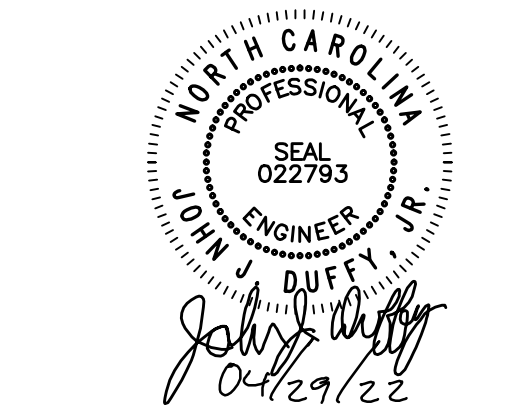
SHEET KEYNOTES:

- EXISTING 3" HOT WATER SUPPLY AND RETURN PIPING BETWEEN THE WESTSIDE CEP AND THE BUILDING ISOLATION VALVE AT KENAN HALL SHALL REMAIN IN SERVICE DURING THE INSTALLATION OF THE NEW 6" HOT WATER SUPPLY AND RETURN PIPING.
- EXISTING 6" CHILLED WATER SUPPLY AND RETURN PIPING BETWEEN THE WESTSIDE CEP AND THE BUILDING ISOLATION VALVE AT KENAN HALL SHALL REMAIN IN SERVICE DURING THE INSTALLATION OF THE NEW 8" CHILLED WATER SUPPLY AND RETURN PIPING.
- AS PART OF ALTERNATE 16A, PROVIDE 1-1/2" RECLAIM WATER PIPING FROM THE RANDALL LIBRARY EXPANSION TO THE MAIN IN THE STREET. PROVIDE 4" RECLAIM WATER PIPING AS SHOWN BACK EXISTING COOLING TOWER #1 AT THE WESTSIDE CEP. PIPE TO TERMINATE WITH A GOOSENECK OVER THE EDGE OF THE TOWER BASIN. ABOVE THE WATERLINE. RECLAIM WATER PIPING SHOWN IN THE SAME TRENCH AS THE CHILLED WATER AND HOT WATER SHALL MATCH ELEVATIONS. UNDERGROUND RECLAIM WATER MINIMUM DEPTH OF COVER IS 3'-0". REFER TO SPECIFICATION 33 5110 MECHANICAL SITE UTILITY PIPE AND PIPE FITTINGS FOR FURTHER DETAILS REGARDING THE RECLAIM WATER.
- EXISTING 6" WATER LINE SERVICE TO RANDALL LIBRARY TO BE CAPPED AND DEMOLISHED. REFER TO CIVIL DRAWINGS.
- EXISTING FIBER OPTIC / COPPER LINE(S) TO BE DEMOLISHED BETWEEN RANDALL LIBRARY AND TELECOM HANDHOLE.



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A	DATE	DESCRIPTION
0	2022.02.14	BID DOCUMENTS
1	2022.04.29	ADDENDUM 4

SHEET NAME:
OVERALL
MECHANICAL
SITE PLAN

ORIG SUBMISSION: 2022.02.14
CURRENT: 2022.02.14

SHEET:
MU100

PACKAGE A -
BID DOCUMENTS

THE ARE DIMENSIONS
SHOWN ON THIS SHEET
ARE IN FEET AND INCHES
UNLESS OTHERWISE NOTED

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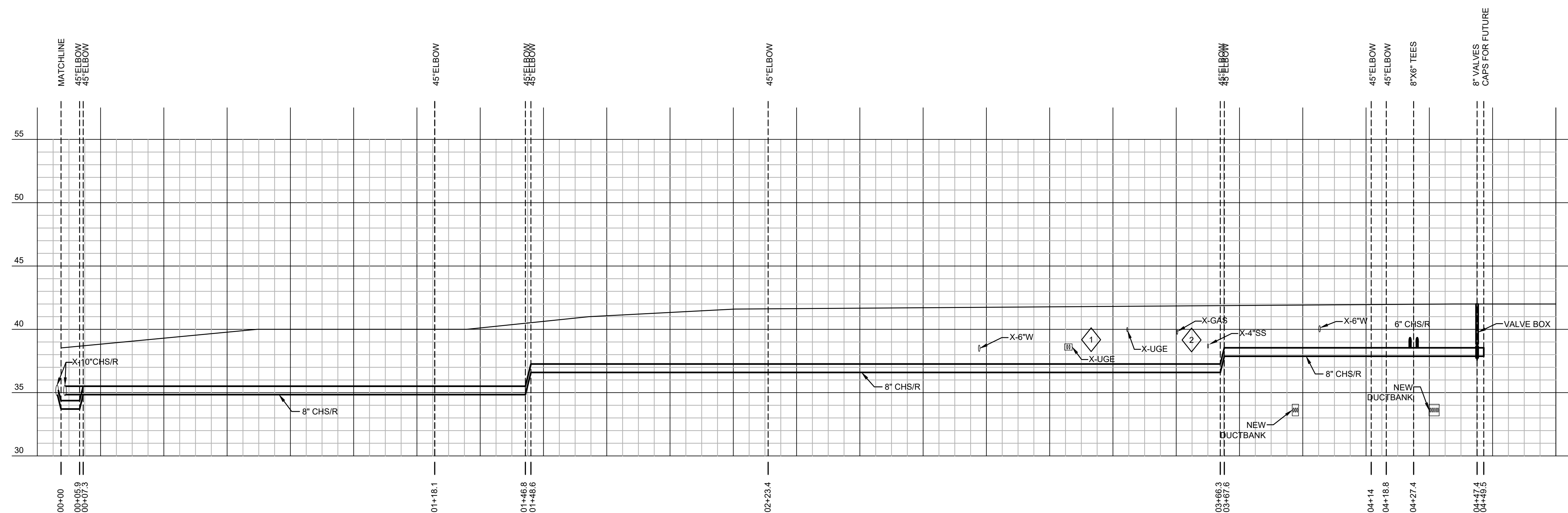
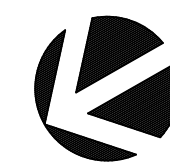
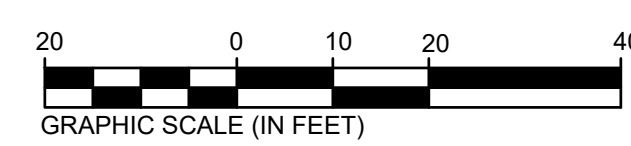
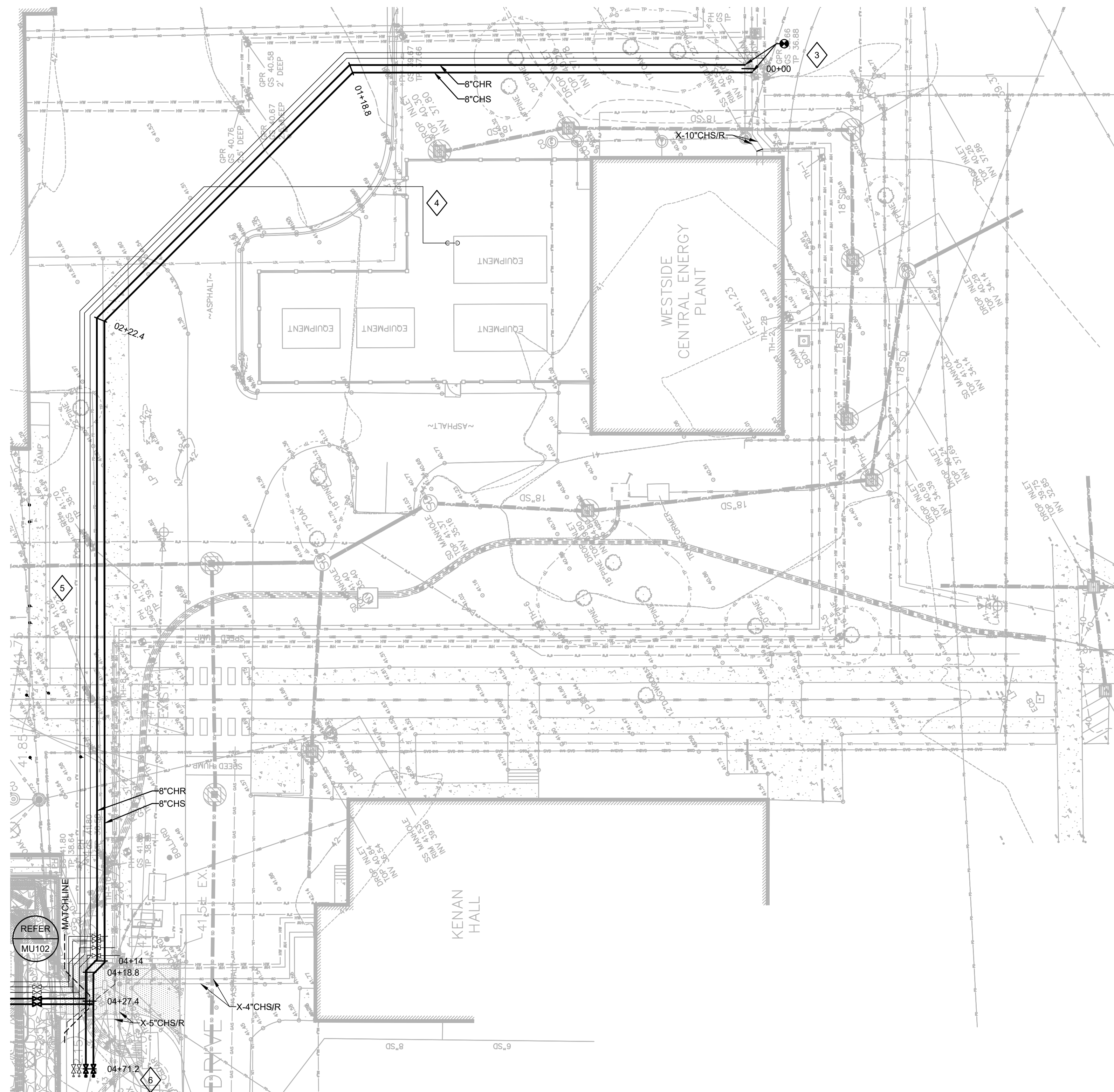
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1 CHILLED WATER PARTIAL PLAN AND PROFILE
SCALE: 1"=20'-0" HORIZONTAL
1"=5'-0" VERTICAL
1"=20'-0" SITE

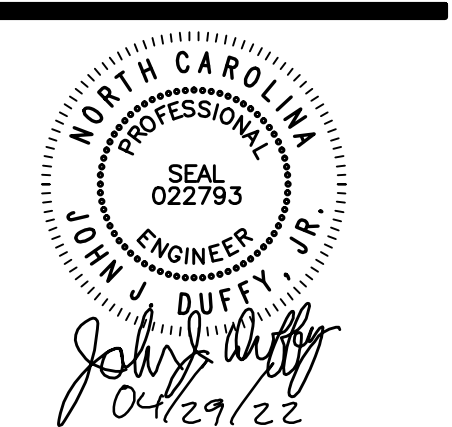
SHEET KEYNOTES:

- 1 DEMOLISH EXISTING DUCTBANK AS SHOWN ON SHEET EU102.
- 2 DEMOLISH EXISTING GAS LINE AS SHOWN ON SHEET C103.
- 3 CONNECT TO EXISTING 10" CHILLED WATER PIPING LEAVING THE WESTSIDE CEP FOR SERVICE TO THE RANDALL LIBRARY ADDITION.
- 4 ALTERNATE 16A: PROVIDE 1-1/2" RECLAIM WATER PIPING FROM THE RANDALL LIBRARY EXPANSION TO THE MAIN IN THE STREET. PROVIDE 4" RECLAIMED WATER AS SHOWN BACK TO THE WESTSIDE CEP EQUIPMENT YARD.
- 5 REFER TO CIVIL SHEETS FOR EXTENT OF DEMOLITION OF EXISTING 6" WATER LINE AND LOCATION OF NEW CAPS.
- 6 VALVES AND CAPS FOR FUTURE EXPANSION TO THE WEST.



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0	2022.02.14	BID DOCUMENTS
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SHEET NAME:
CHILLED WATER
PARTIAL PLAN

ORIG SUBMISSION: 2022.02.14
CURRENT: 2022.02.14

SHEET:
MU101

PACKAGE A -
BID DOCUMENTS

THE LINE EXPANSION ADDRESS IS
LOCATED ON THE LOW SIDE OF THE
STREET AND SHALL BE MAINTAINED

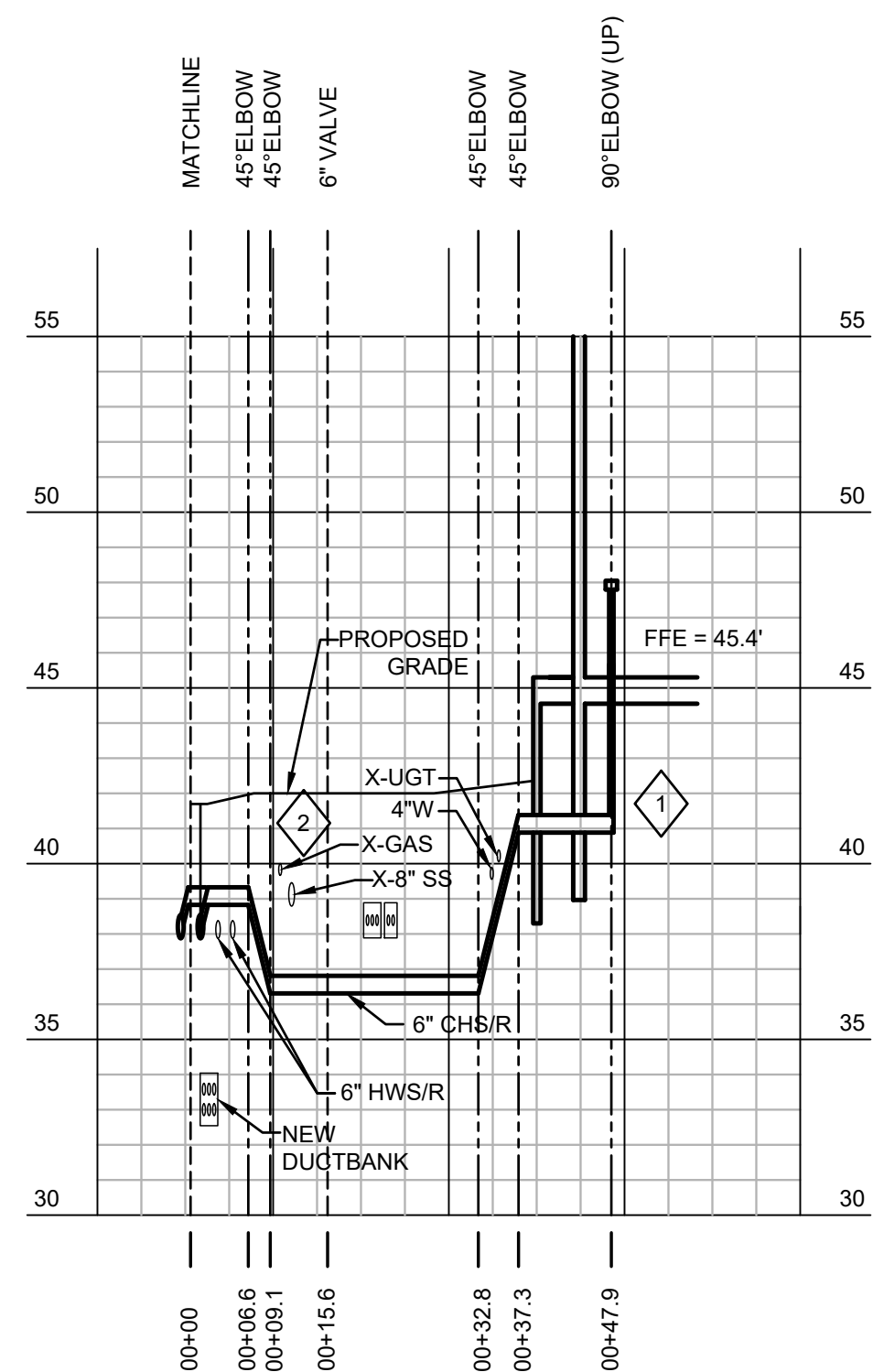
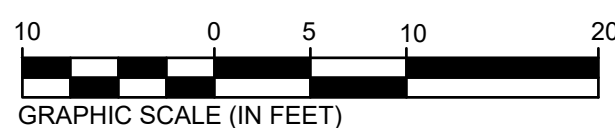
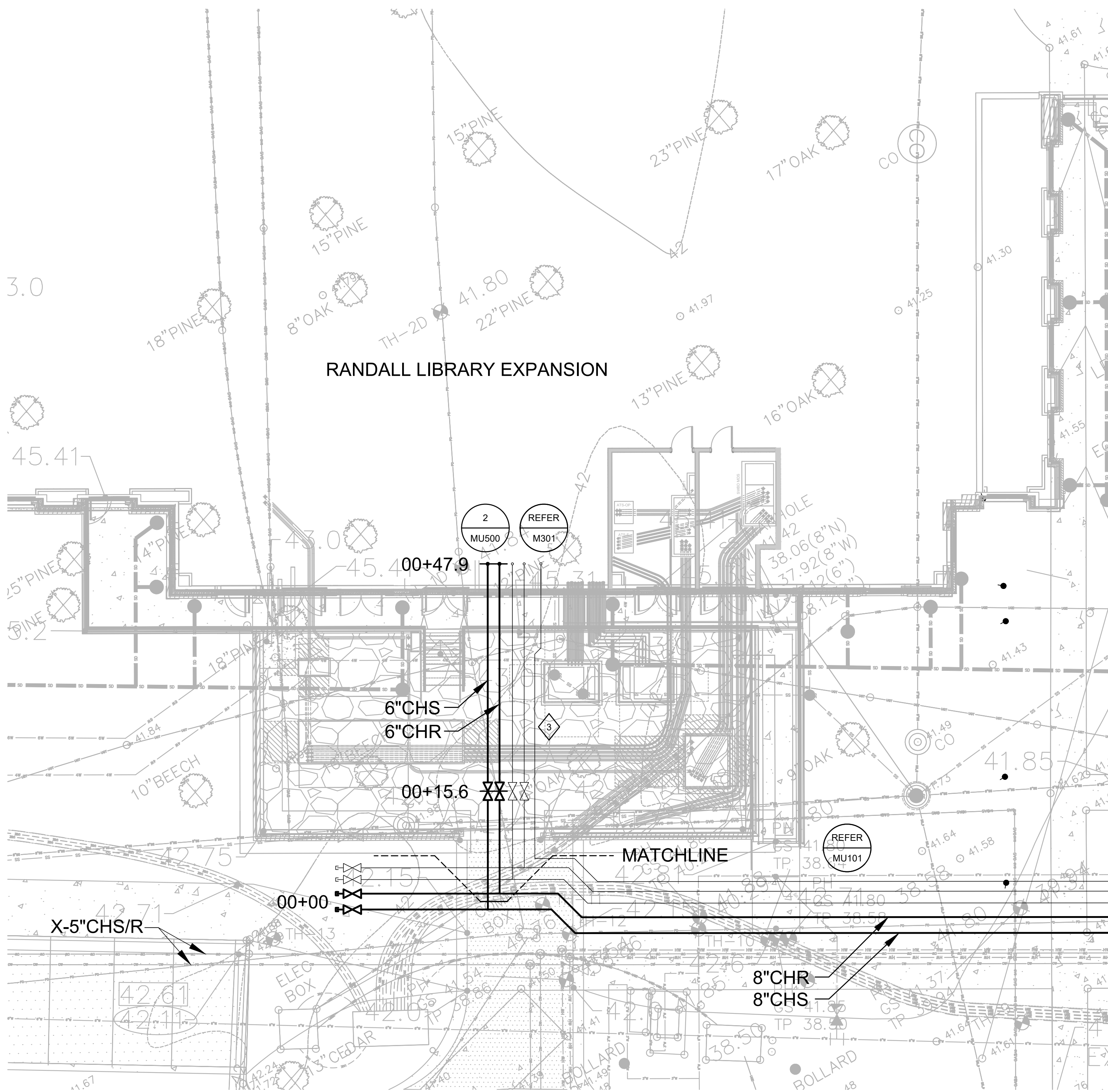
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1 CHILLED WATER PARTIAL PLAN AND PROFILE
SCALE: 1"=20'-0" HORIZONTAL
1"=5'-0" VERTICAL
1"=10'-0" SITE

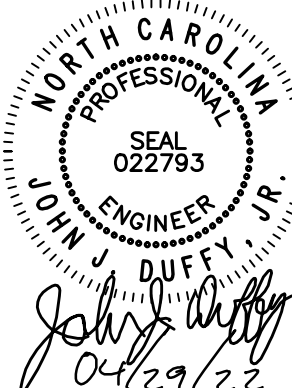
SHEET KEYNOTES:

- 1 REFER TO DETAIL 2 ON MU500 FOR FURTHER INFORMATION REGARDING BUILDING PENETRATION.
- 2 DEMOLISH EXISTING GAS LINE AS SHOWN ON C103.
- 3 ALTERNATE 16A: PROVIDE 1-1/2" RECLAIM WATER PIPING FROM THE RANDALL LIBRARY EXPANSION TO THE 4" MAIN IN THE STREET.



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A	DATE	DESCRIPTION
0	2022.02.14	BID DOCUMENTS
1	2022.04.29	ADDENDUM 4

SHEET NAME:
**CHILLED WATER
PARTIAL PLAN**

ORIG SUBMISSION: 2022.02.14
CURRENT: 2022.02.14

SHEET:
MU102

PACKAGE A -
BID DOCUMENTS

THE LINE EXPANDED ABOVE
INDICATES THE LOCATION OF
THE EXISTING DUCTBANK

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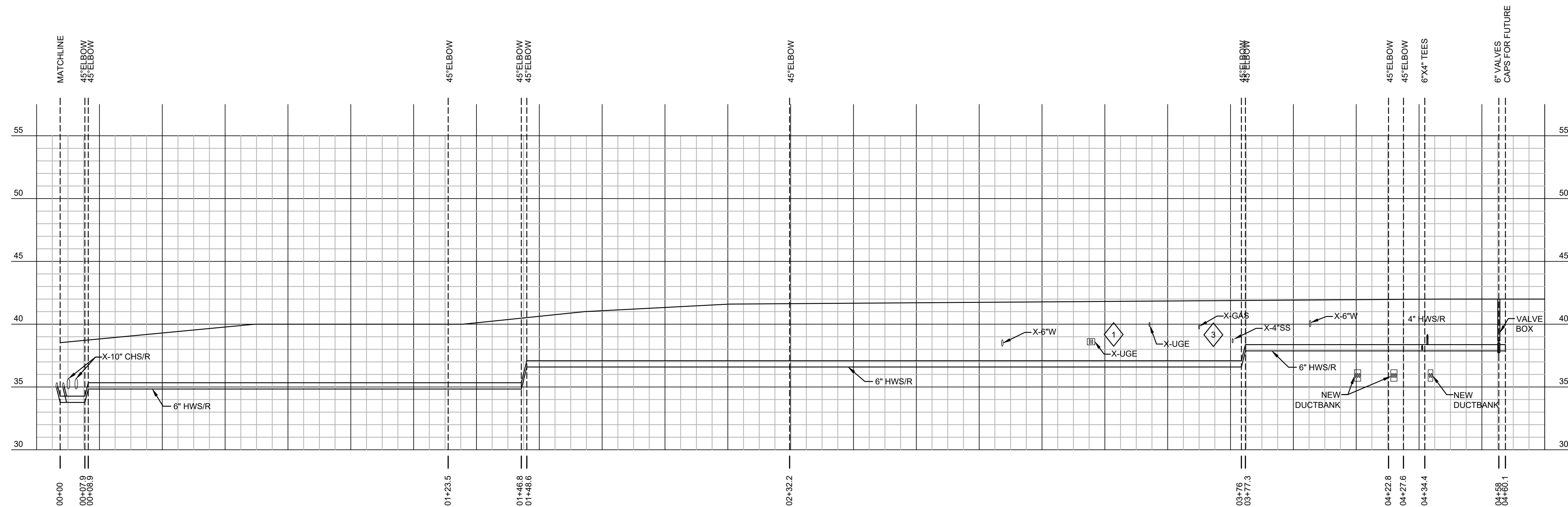
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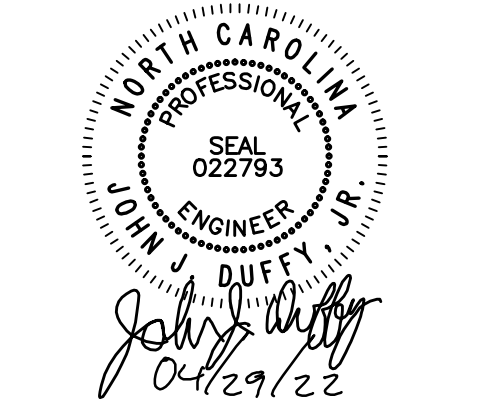
1 HOT WATER PARTIAL PLAN AND PROFILE
SCALE: 1"=20'-0" HORIZONTAL
1"=5'-0" VERTICAL
1"=20'-0" SITE

- SHEET KEYNOTES:**
- 1 DEMOLISH EXISTING DUCTBANK AS SHOWN ON SHEET EU102.
 - 2 HOT WATER PIPE TO BE PP-R/PP-RCT CARRIER PIPE WITH FRP JACKET. SEE SPECIFICATION FOR FURTHER DETAILS.
 - 3 DEMOLISH EXISTING GAS LINE AS SHOWN ON SHEET C103.
 - 4 CONNECT TO EXISTING 6" HOT WATER PIPING LEAVING THE WESTSIDE CEP FOR SERVICE TO THE RANDALL LIBRARY ADDITION.
 - 5 ALTERNATE 16A: PROVIDE 1-1/2" RECLAIM WATER PIPING FROM THE RANDALL LIBRARY EXPANSION TO THE MAIN IN THE STREET. PROVIDE 4" RECLAIMED WATER AS SHOWN BACK TO THE WESTSIDE CEP EQUIPMENT YARD.
 - 6 REFER TO CIVIL SHEETS FOR EXTENT OF DEMOLITION OF EXISTING 6" WATER LINE AND LOCATION OF NEW CAPS.



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A	DATE	DESCRIPTION
0	2022.02.14	BID DOCUMENTS
1	2022.04.29	ADDENDUM 4

SHEET NAME:
HOT WATER
PARTIAL PLAN

ORIG SUBMISSION: 2022.02.14
CURRENT: 2022.02.14

SHEET:
MU103

**PACKAGE A -
BID DOCUMENTS**

THE LINE SHOWN ABOVE IS
BASED ON THE INFORMATION
PROVIDED TO THE ENGINEER

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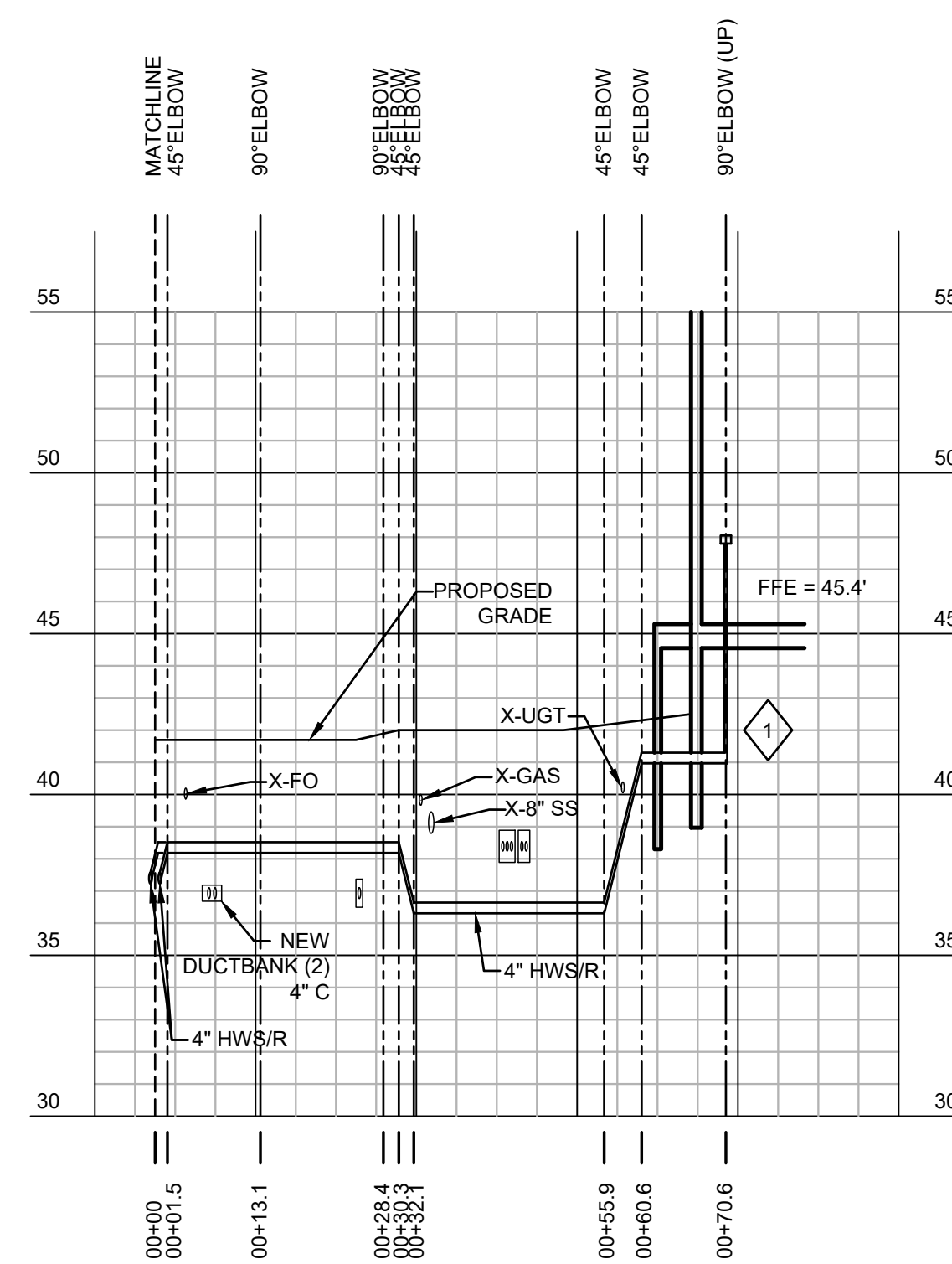
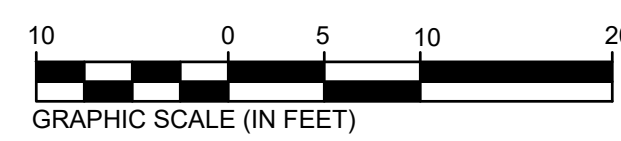
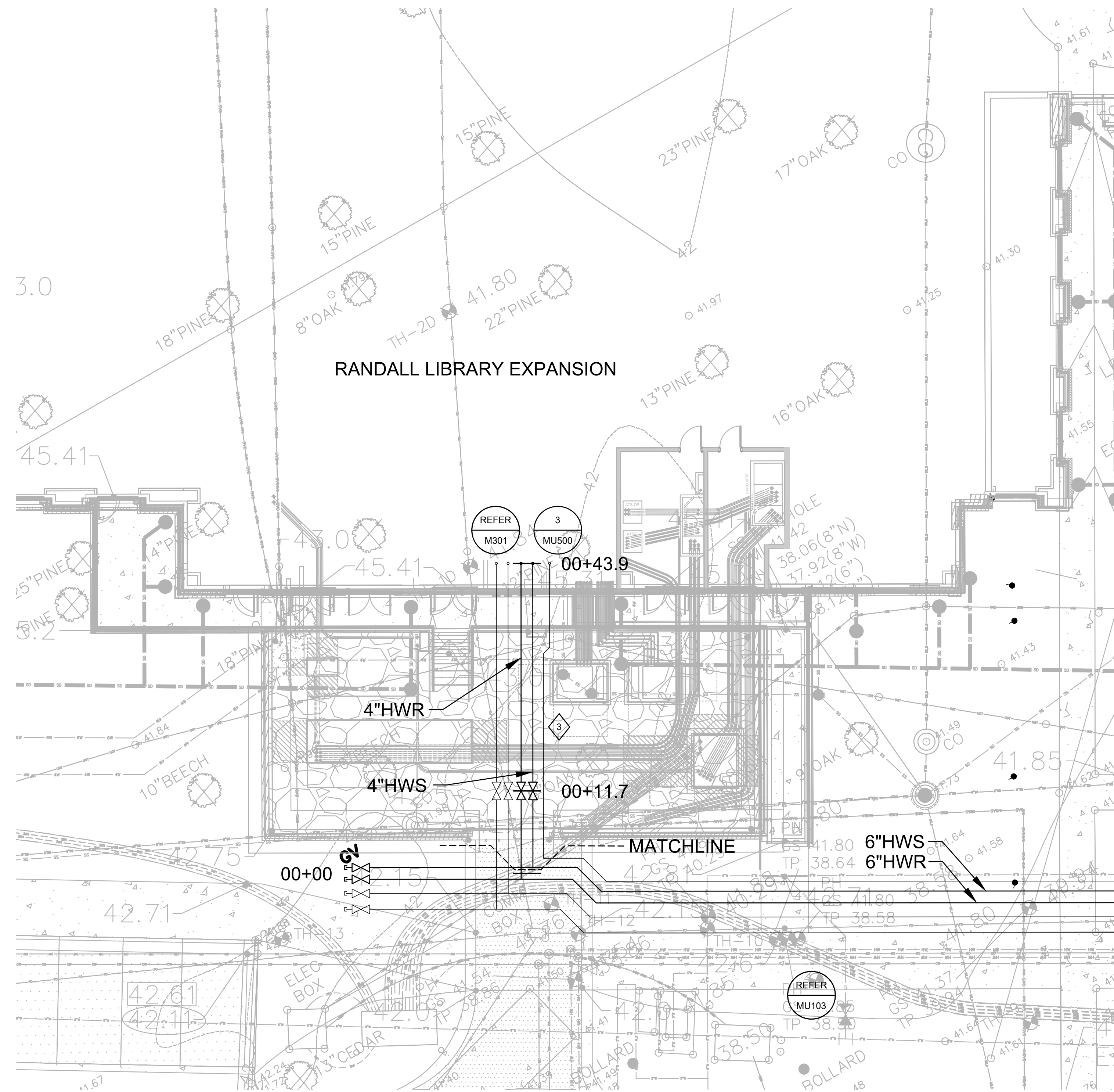
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1 HOT WATER PARTIAL PLAN AND PROFILE
SCALE: 1"=20'-0" HORIZONTAL
1"=5'-0" VERTICAL
1"=10'-0" SITE

SHEET KEYNOTES:

- 1 REFER TO DETAIL 3 ON MU500 FOR FURTHER INFORMATION REGARDING BUILDING PENETRATION.
- 2 DEMOLISH EXISTING GAS LINE AS SHOWN ON C103.
- 3 ALTERNATE 16A: PROVIDE 1-1/2" RECLAIM WATER PIPING FROM THE RANDALL LIBRARY EXPANSION TO THE 4" MAIN IN THE STREET.



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SHEET NAME:
HOT WATER
PARTIAL PLAN

ORIG SUBMISSION: 2022.02.14
CURRENT: 2022.02.14

SHEET:
MU104

PACKAGE A -
BID DOCUMENTS

THE LINE SHOWN ABOVE IS
BASED ON THE FOLLOWING DATA:
THIS IS NOT A GUARANTEE

E

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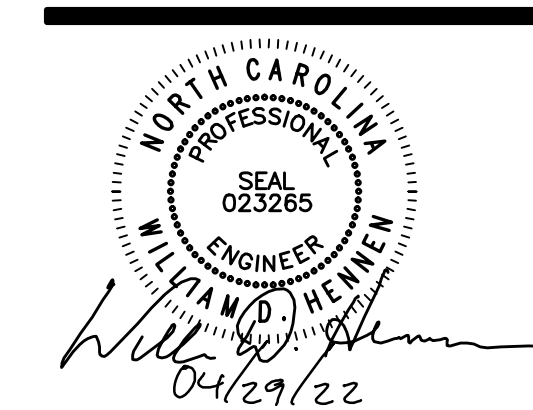
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6



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LS3P PROJECT: 7202-197980

SHEET NAME:
CAMPUS
MEDIUM-VOLTAGE
DISTRIBUTION

ORIG SUBMISSION: 2022.02.14
CURRENT: 2022.02.14

SHEET:
EU100

PACKAGE A -
BID DOCUMENTS

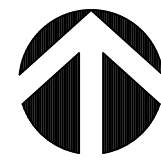
SHEET KEYNOTES:

- 1 CONNECTION TO EXISTING DUCTBANK.
- 2 NOT USED.
- 3 RUN APPROXIMATELY 400-FT OF NEW DUCTBANK AND 870-FT OF NEW CABLE FROM NEW SWITCH S-45 TO EXISTING SWITCH S-2N THROUGH EXISTING MANHOLE MH-30 AND NEW MANHOLE MH-31.
- 4 RUN APPROXIMATELY 300-FT OF NEW DUCTBANK AND NEW MEDIUM-VOLTAGE CABLE FROM NEW SWITCH S-45 TO NEW TRANSFORMER T-45 THROUGH NEW MANHOLE MH-31.
- 5 RUN APPROXIMATELY 75-FT OF NEW DUCTBANK AND NEW MEDIUM-VOLTAGE CABLE FROM NEW SWITCH S-45 TO NEW TRANSFORMER T-45B.
- 6 RUN APPROXIMATELY 570-FT OF NEW DUCTBANK AND MEDIUM-VOLTAGE CABLE FROM NEW SWITCH S-45 TO EXISTING MANHOLE X-MH-33. SPICE NEW CONDUCTORS INTO EXISTING CONDUCTORS SUPPLIED FROM X-S-5 WITHIN X-MH-33. BID ALTERNATE #3 RUN ALL NEW CABLE (APPROX. 1075-FT) FROM S-45 TO X-S-5.

1 **CAMPUS MEDIUM-VOLTAGE DISTRIBUTION**
SCALE: 1" = 50'-0"



A



PACKAGE A - DOCUMENTS

6

THE LINE SHOWN ABOVE IS
A FACILITY OVERHUNG FROM A
TRUCK TRAILER AND NOT A
TRUCK TRAILER

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A

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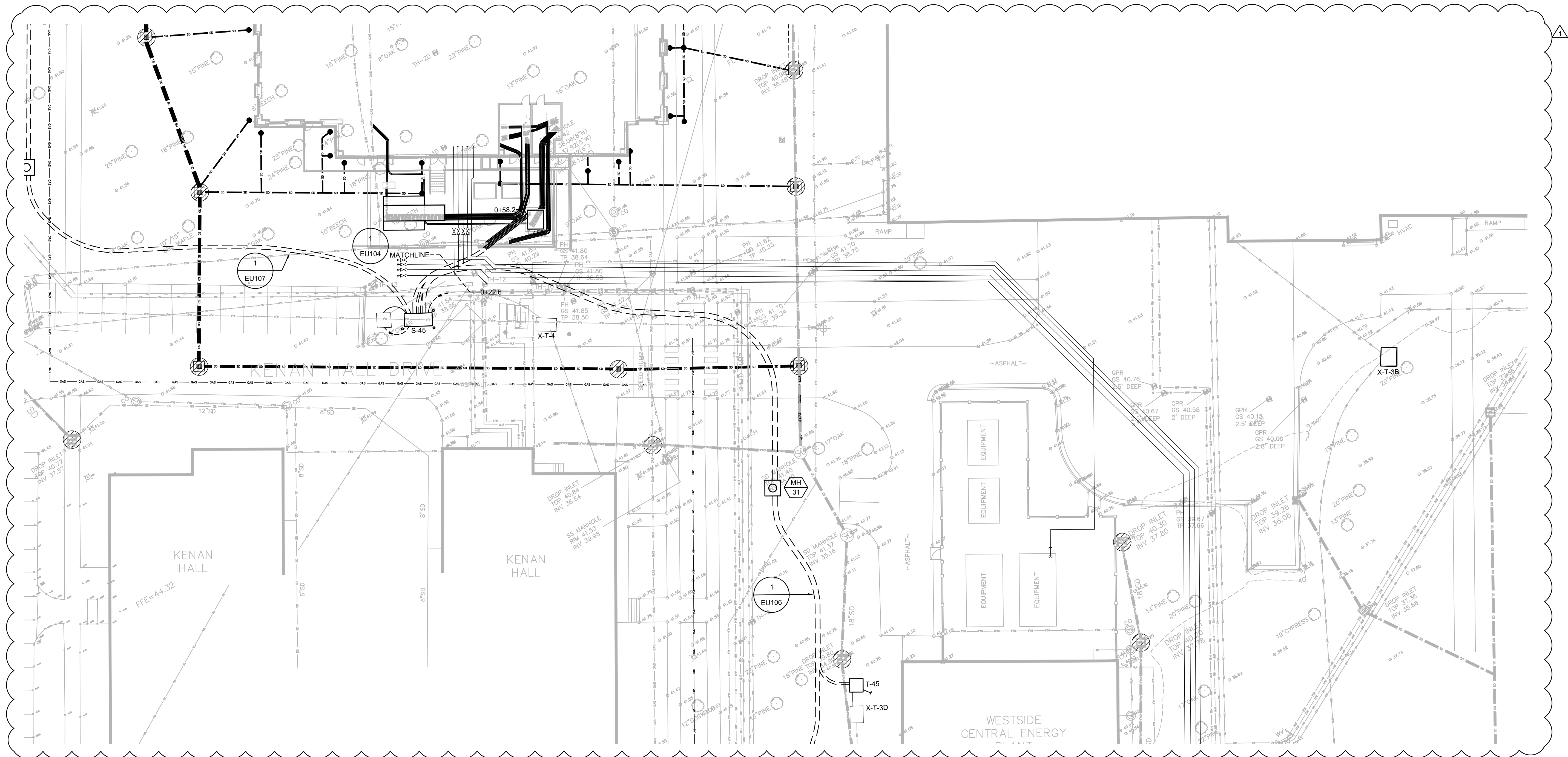
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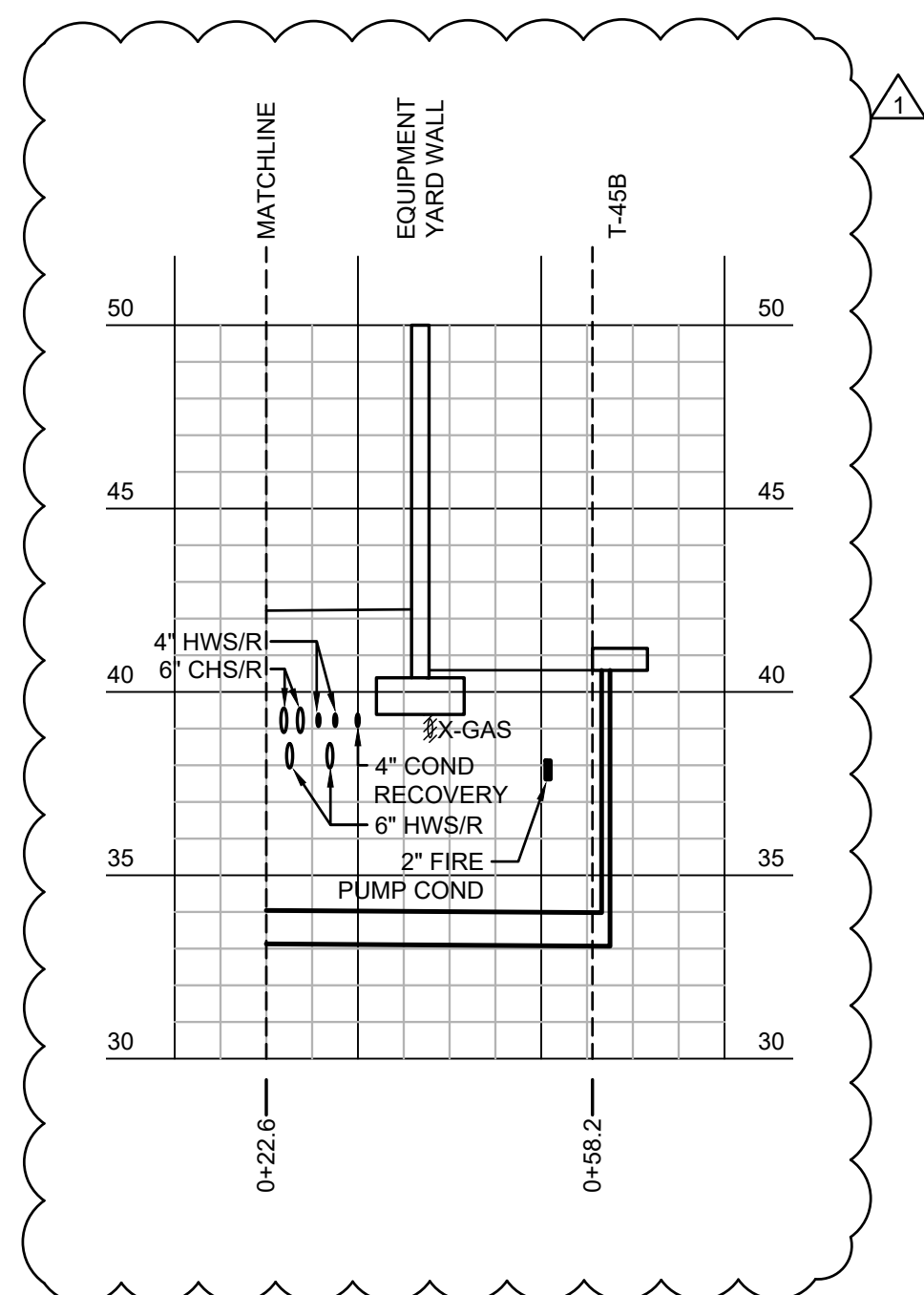
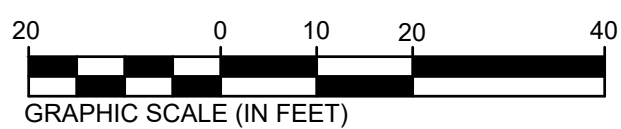
4

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6



1 PARTIAL PLAN: ELECTRIC DUCTBANK
SCALE: 1"=20'-0"



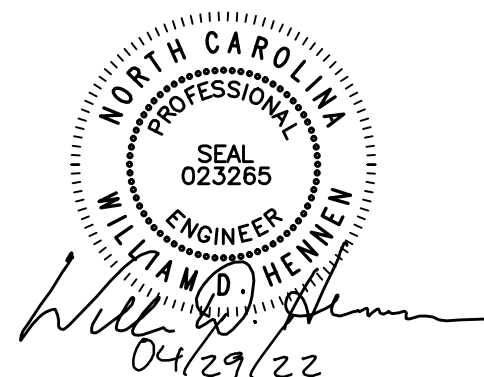
2 PARTIAL PLAN & PROFILE: ELECTRIC DUCTBANK
SCALE: 1"=20'-0" HORIZONTAL
1"=5'-0" VERTICAL

GENERAL NOTES:
1. CONTRACTOR TO FIELD-VERIFY ALL EXISTING
CONDITIONS SHOWN ON PLANS PRIOR TO
COMMENCING WORK.



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SCO ID: 18-19656-02A
LS3P PROJECT: 7202-197980

A	DATE	DESCRIPTION
0	2022.02.14	BID DOCUMENTS
1	2022.04.29	ADDENDUM 4

SHEET NAME:
ELECTRICAL PARTIAL
SITE PLAN

ORIG SUBMISSION: 2022.02.14
CURRENT: 2022.02.14

SHEET:
EU105

PACKAGE A -
BID DOCUMENTS

THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.

E

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C

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A

1

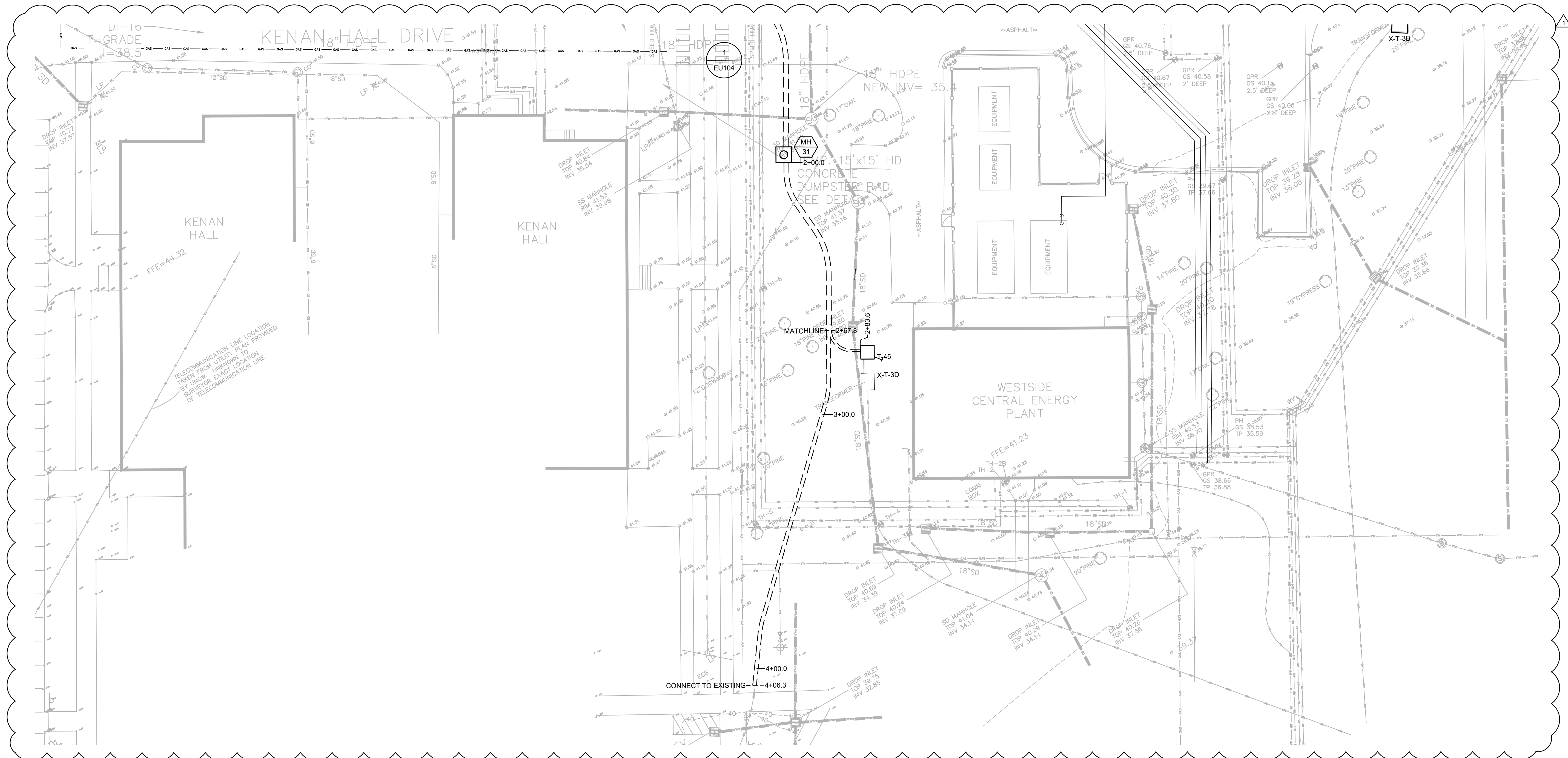
2

3

4

5

6



1 PARTIAL PLAN: ELECTRIC DUCTBANK

SCALE: 1"=20'-0"

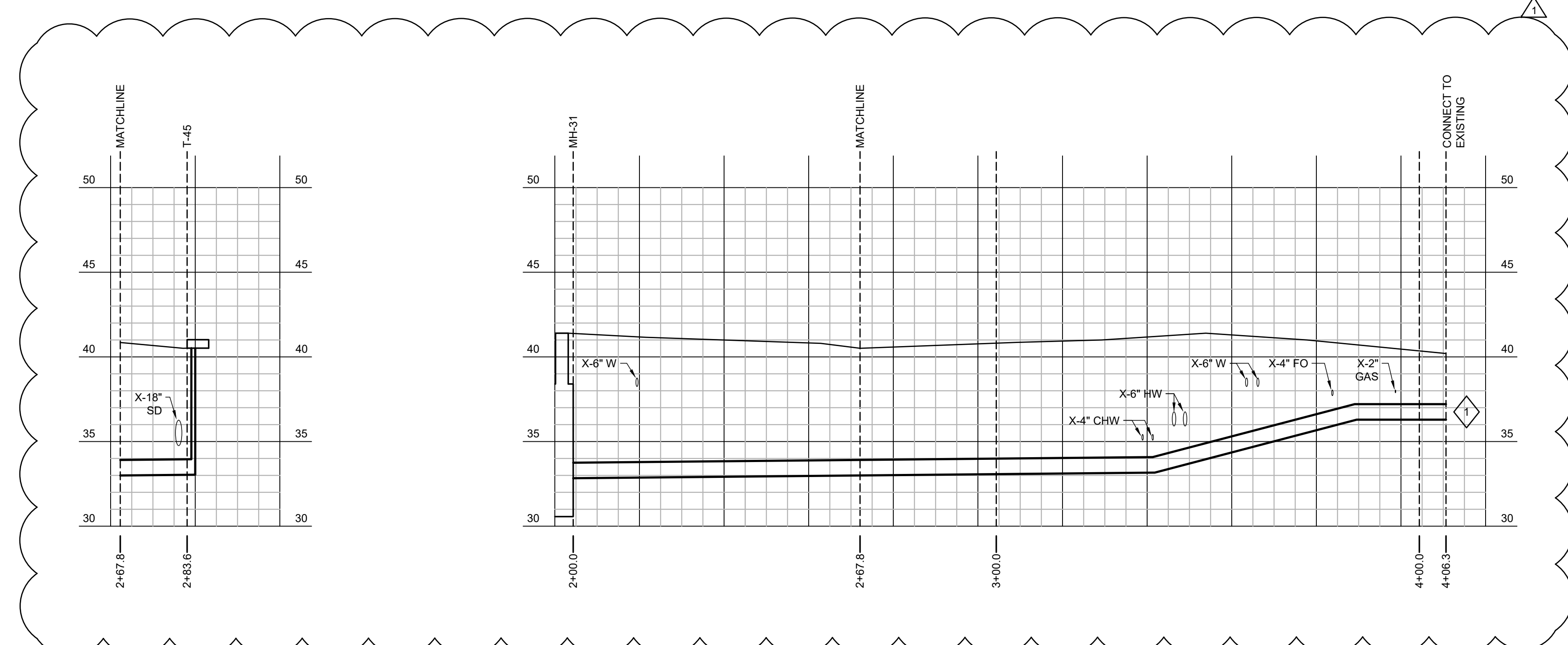


GENERAL NOTES:

- CONTRACTOR TO FIELD-VERIFY ALL EXISTING CONDITIONS SHOWN ON PLANS PRIOR TO COMMENCING WORK.
- ALL NEW DUCTBANK SHALL SLOPE DOWNWARDS TOWARDS MANHOLES AT A MINIMUM OF 4" OVER 100'.

SHEET KEYNOTES:

- 1 MATCH EXISTING DUCTBANK ELEVATION.



3 PARTIAL PLAN & PROFILE: ELECTRIC DUCTBANK

SCALE: 1"=20'-0" HORIZONTAL
1"=5'-0" VERTICAL

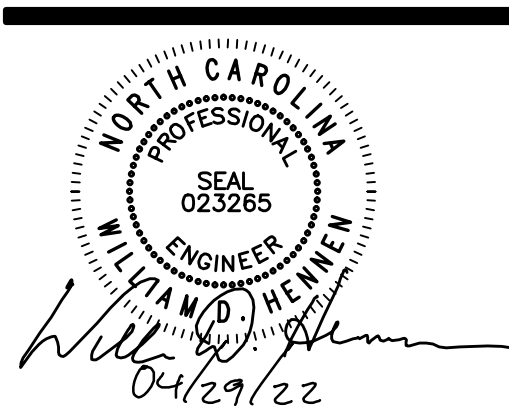
2 PARTIAL PLAN & PROFILE: ELECTRIC DUCTBANK

SCALE: 1"=20'-0" HORIZONTAL
1"=5'-0" VERTICAL



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A	DATE	DESCRIPTION
0	2022.02.14	BID DOCUMENTS
1	2022.04.29	ADDENDUM 4

SHEET NAME:
ELECTRICAL PARTIAL
SITE PLAN

ORIG SUBMISSION: 2022.02.14
CURRENT: 2022.02.14

SHEET:
EU106

PACKAGE A -
BID DOCUMENTS

THESE DIMENSIONS ARE
BASED ON THE LATEST
REVISIONS OF THE
DESIGN DOCUMENTS.

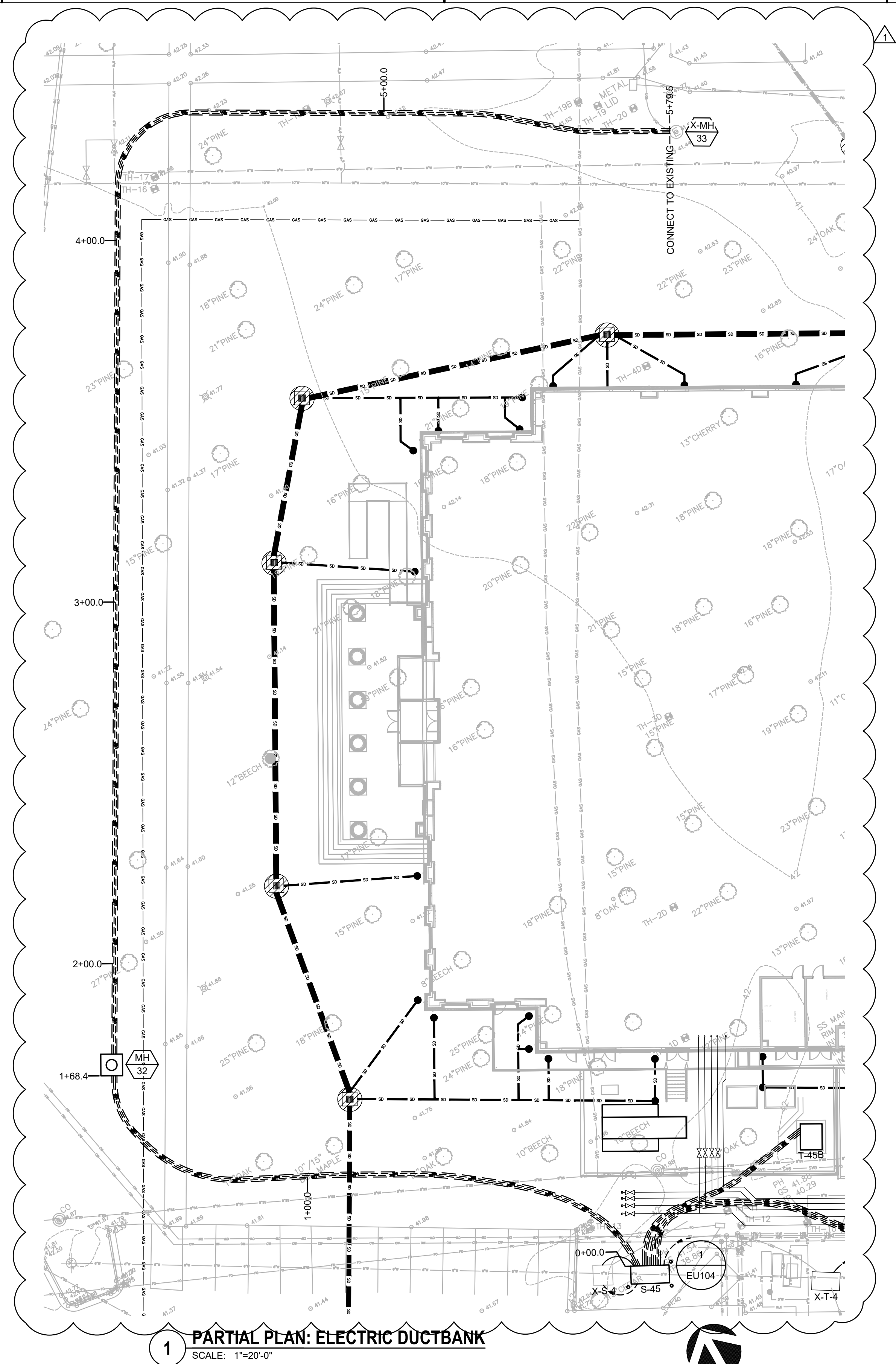
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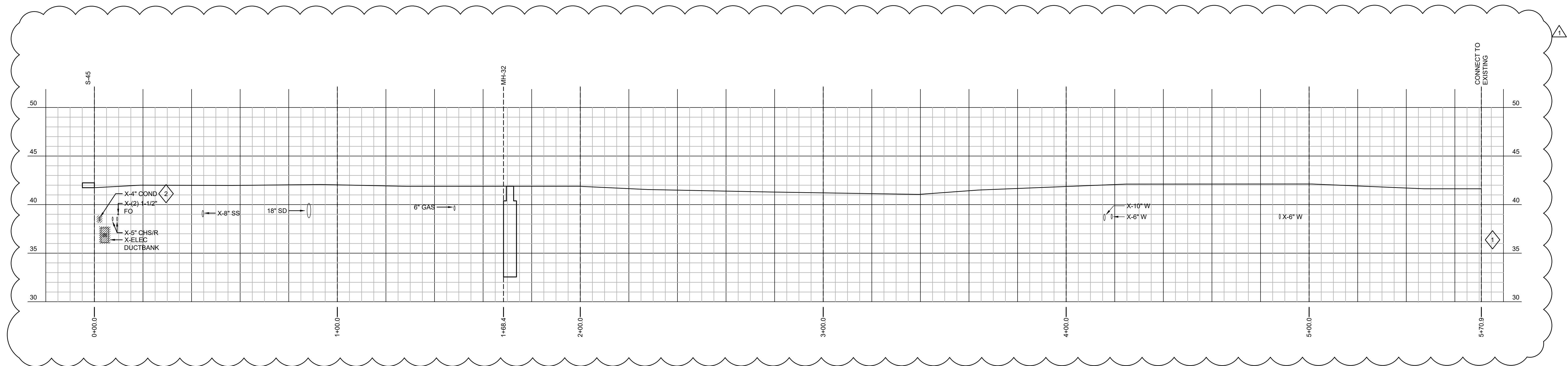
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1 PARTIAL PLAN: ELECTRIC DUCTBANK
SCALE: 1"=20'-0"



2 PARTIAL PLAN & PROFILE: ELECTRIC DUCTBANK
SCALE: 1"=20'-0" HORIZONTAL
1"=5'-0" VERTICAL

GENERAL NOTES:

1. CONTRACTOR TO FIELD-VERIFY ALL EXISTING CONDITIONS SHOWN ON PLANS PRIOR TO COMMENCING WORK.
2. ALL NEW DUCTBANK SHALL SLOPE DOWNWARDS TOWARDS MANHOLES AT A MINIMUM OF 4" OVER 100'.

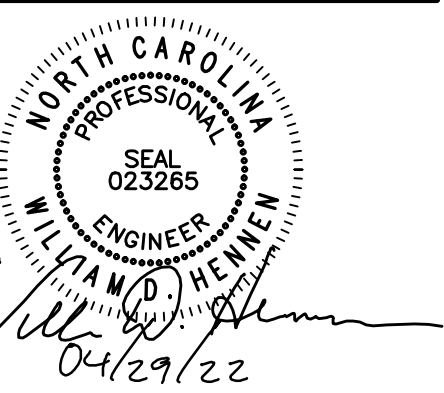
SHEET KEYNOTES:

1. COORDINATE CONNECTION TO X-MH-33 WITH EXISTING ELEVATION AND ORIENTATION.
2. CONFIRM EXACT ELEVATION OF EXISTING CONDUIT



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A	DATE	DESCRIPTION
0	2022.02.14	BID DOCUMENTS
1	2022.04.29	ADDENDUM 4

SHEET NAME:
ELECTRICAL PARTIAL
SITE PLAN

ORIG SUBMISSION: 2022.02.14
CURRENT: 2022.02.14

SHEET:
EU107

PACKAGE A -
BID DOCUMENTS

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PACKAGE A - BID DOCUMENTS

SCO ID: 18-19656-02A

PACKAGE A -
BID DOCUMENTS



- 5** **UNCW CAMPUS MEDIUM VOLTAGE DISTRIBUTION POSSIBLE SEQUENCE OF CONSTRUCTION**
SCALE: NOT TO SCALE

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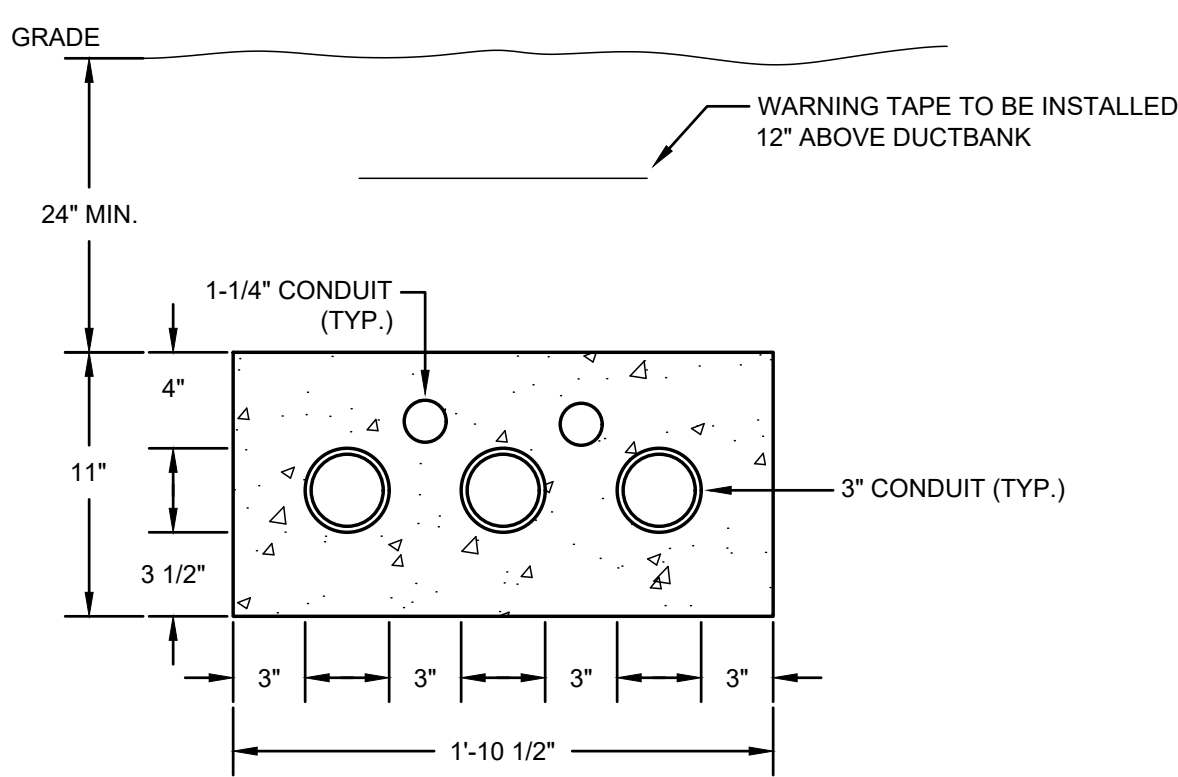
DATE	DESCRIPTION
2022.02.14	BID DOCUMENTS
2022.04.29	ADDENDUM 4

SHEET NAME:
ELECTRICAL DETAILS

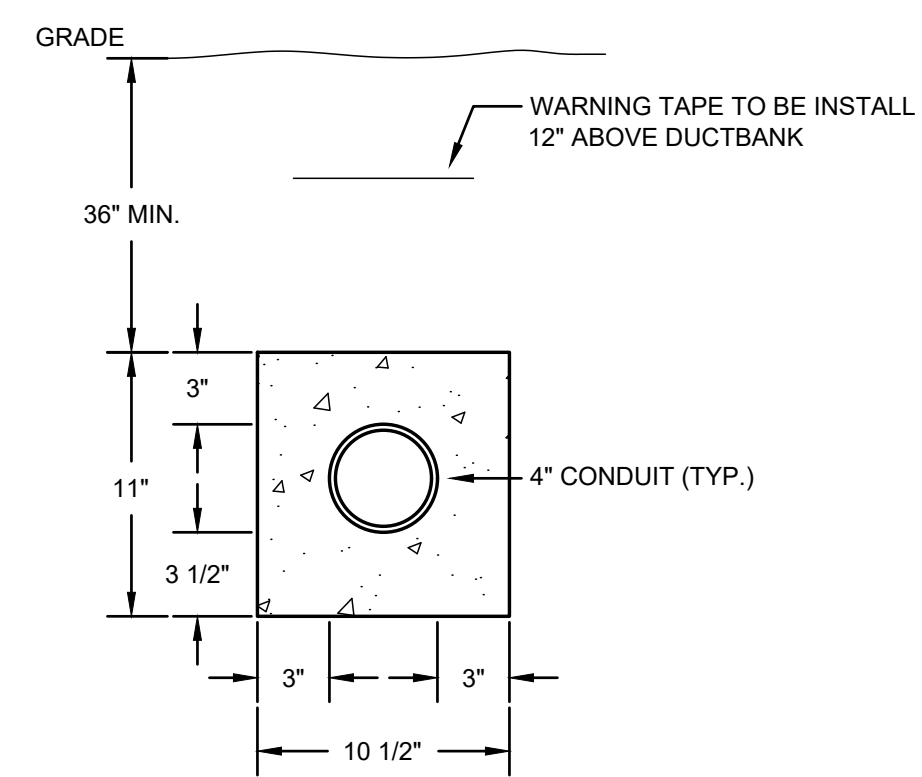
ORIGINAL SUBMISSION: 2022.02.14
CURRENT: 2022.02.14

HEET: **EU501**

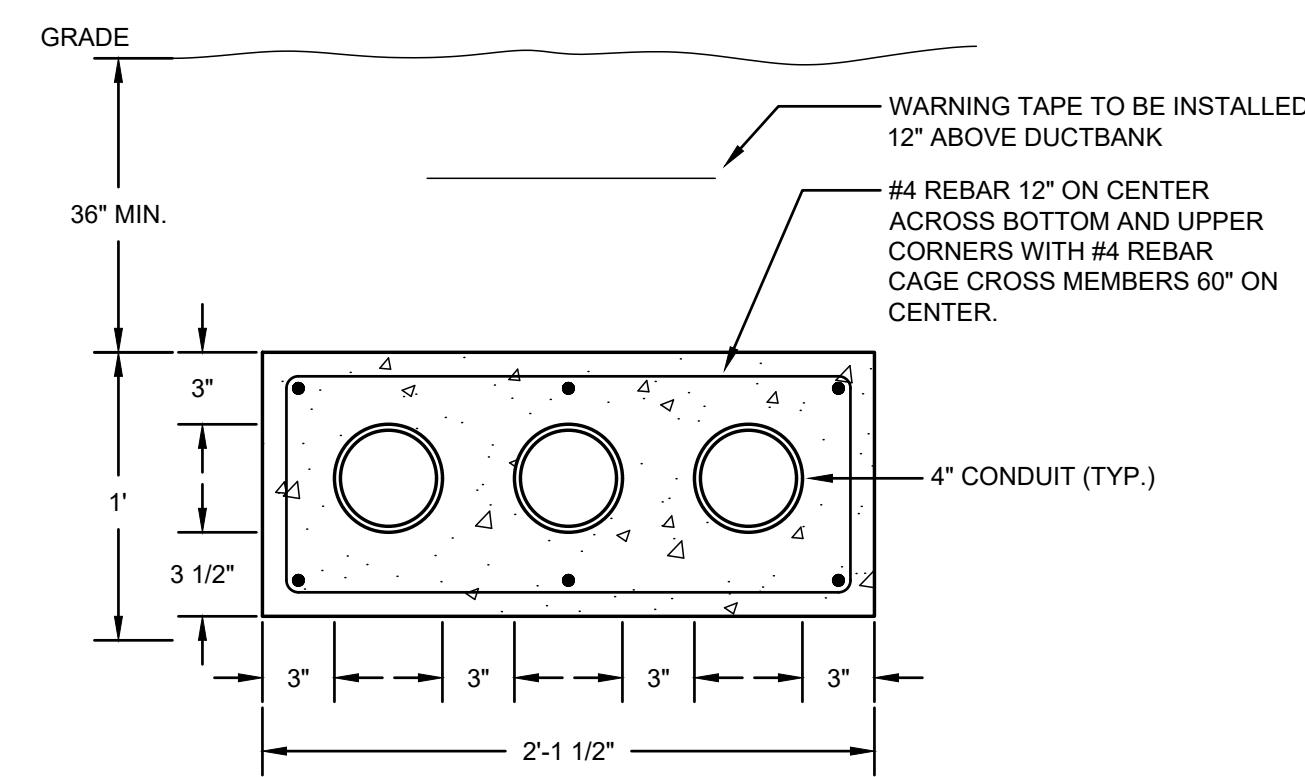
PACKAGE A - DOCUMENTS



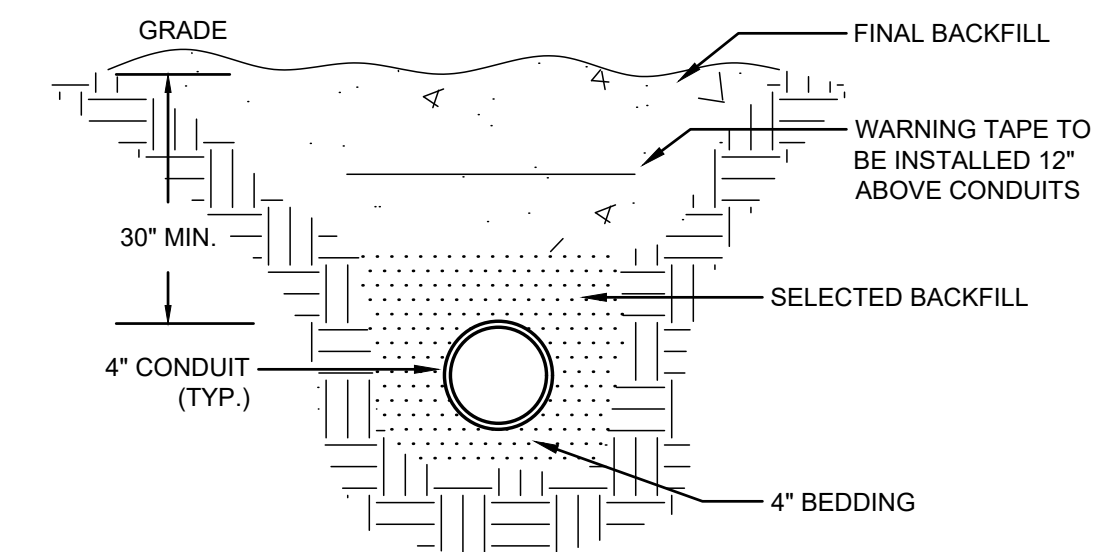
13 DUCTBANK DETAIL
SCALE: NOT TO SCALE



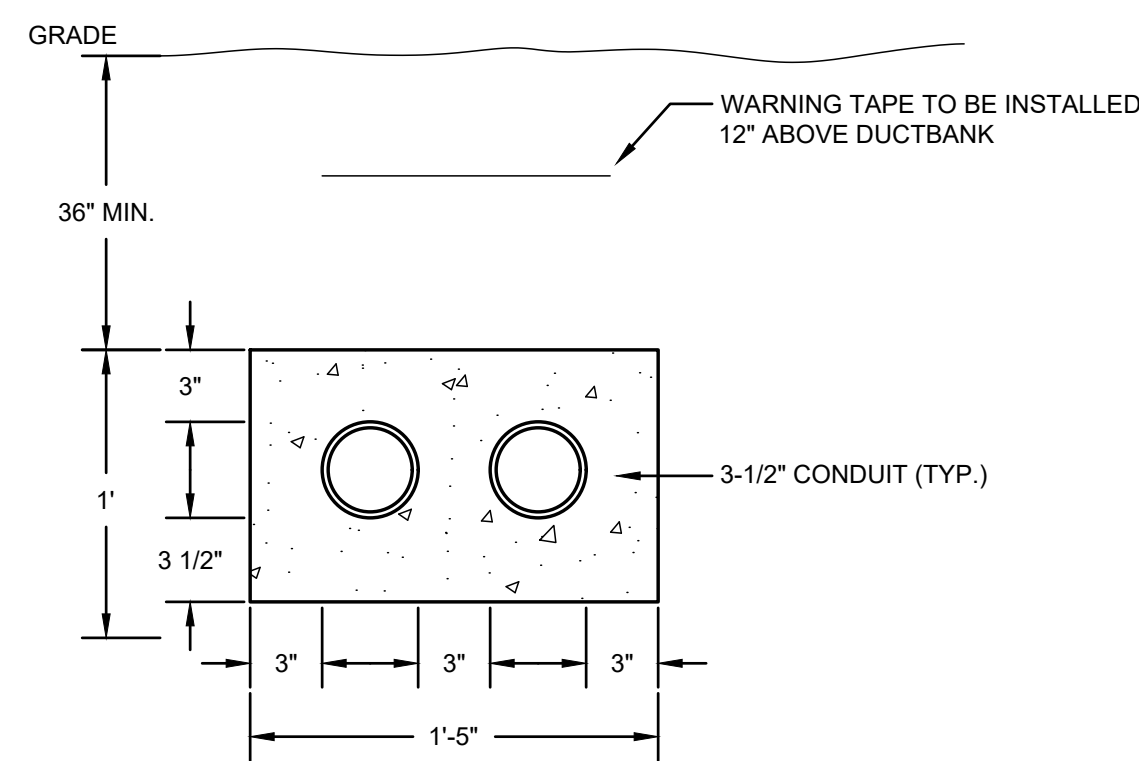
9 DUCTBANK DETAIL
SCALE: NOT TO SCALE



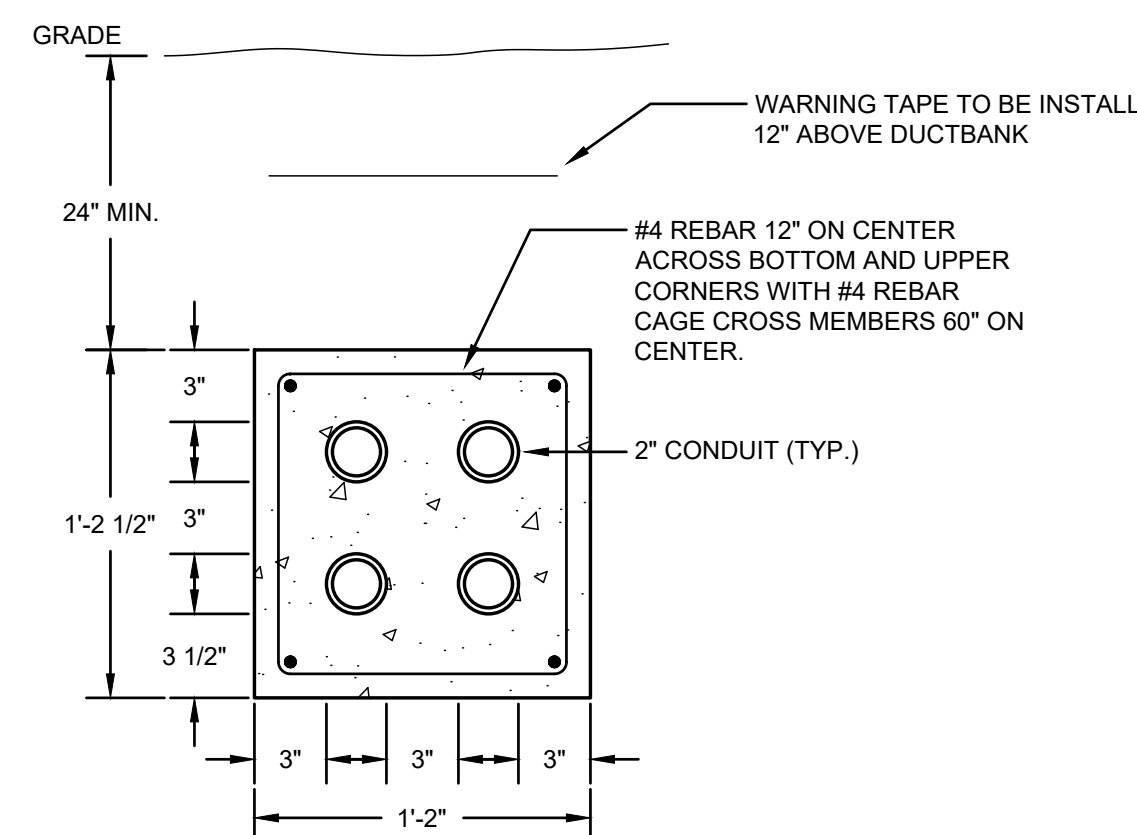
5 DUCTBANK DETAIL
SCALE: NOT TO SCALE



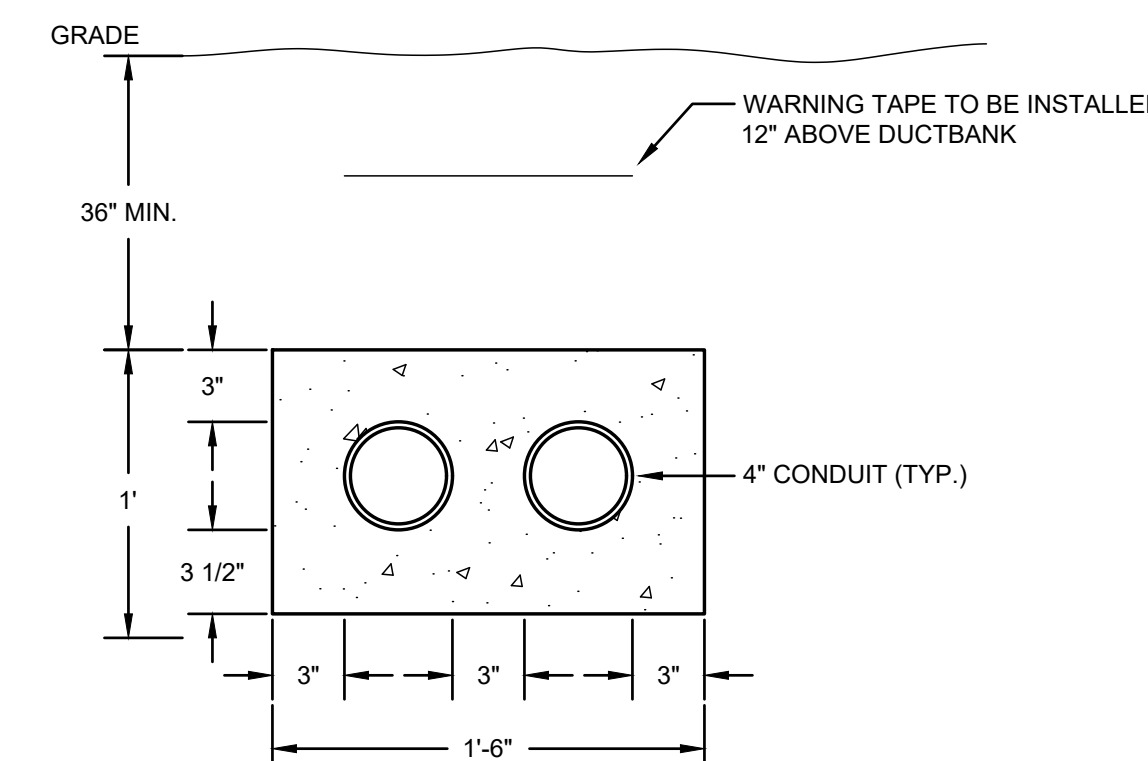
1 DIRECT BURIED CONDUIT DETAIL



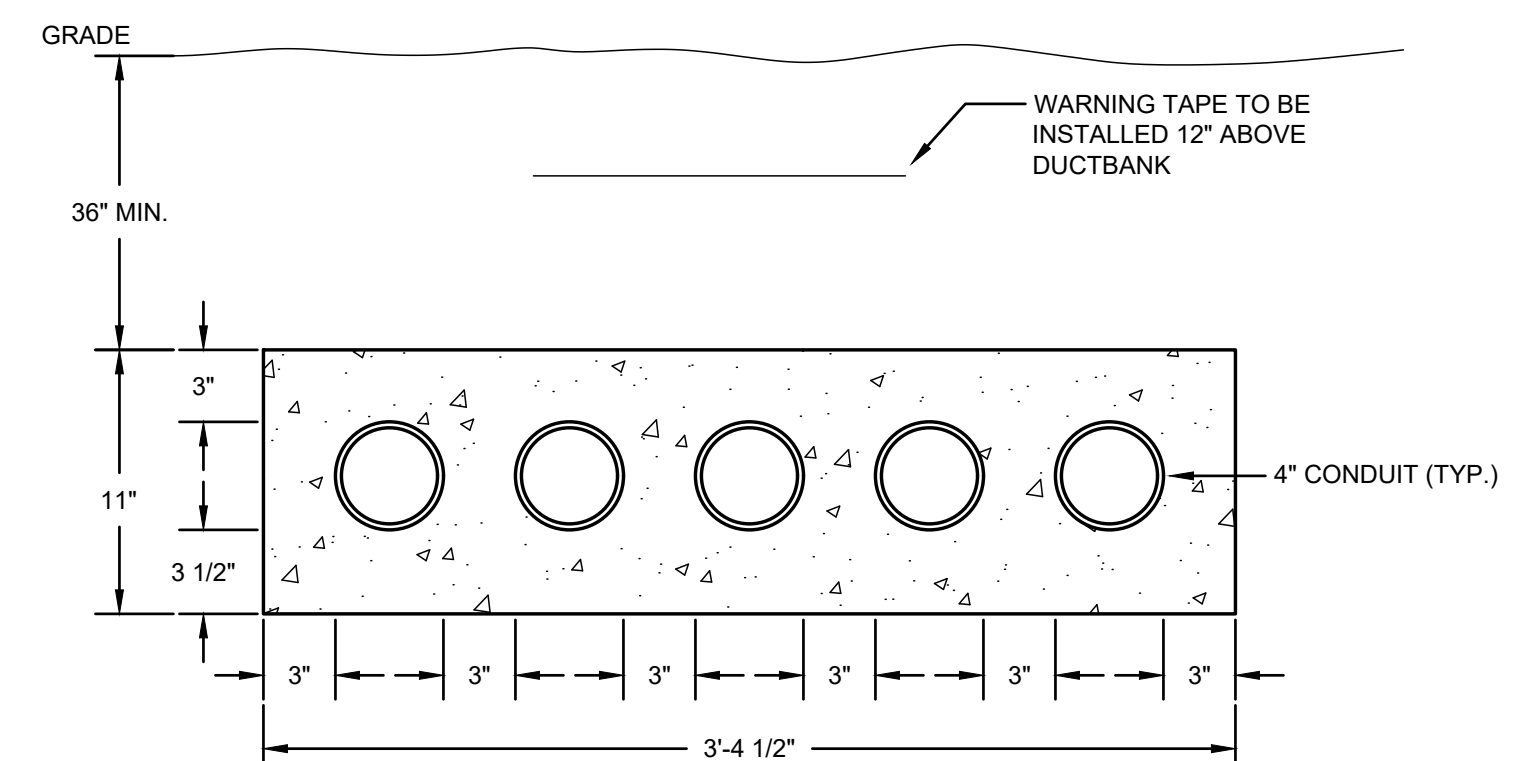
14 DUCTBANK DETAIL
SCALE: NOT TO SCALE



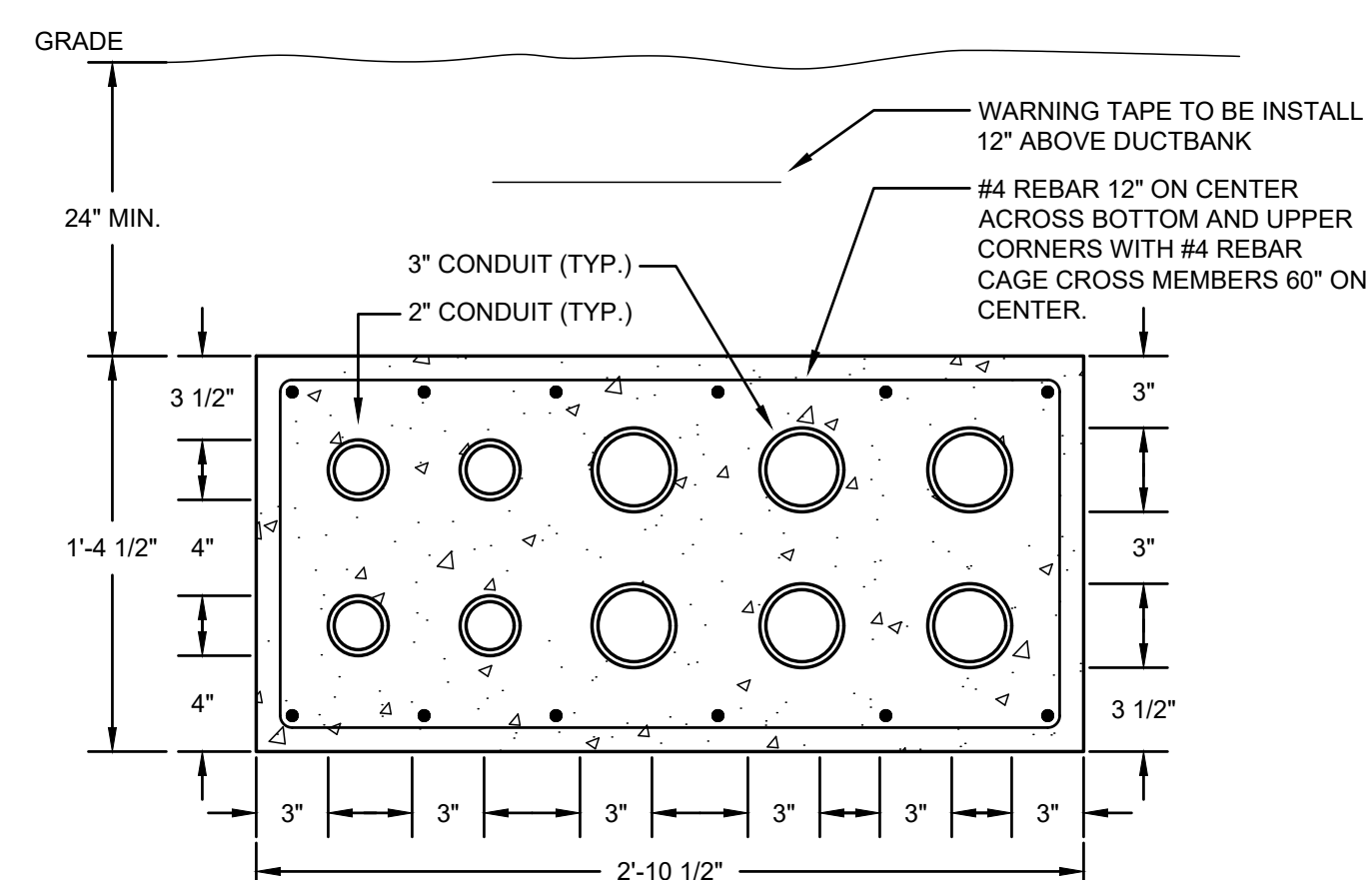
10 DUCTBANK DETAIL
SCALE: NOT TO SCALE



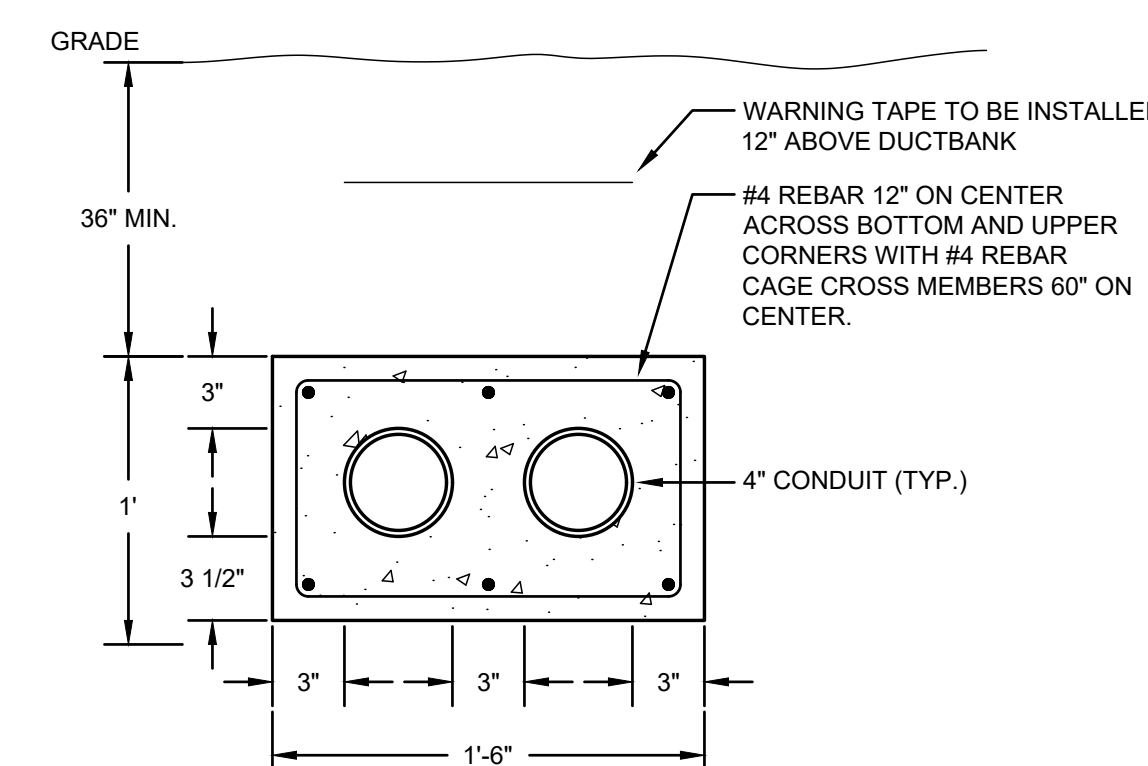
6 DUCTBANK DETAIL
SCALE: NOT TO SCALE



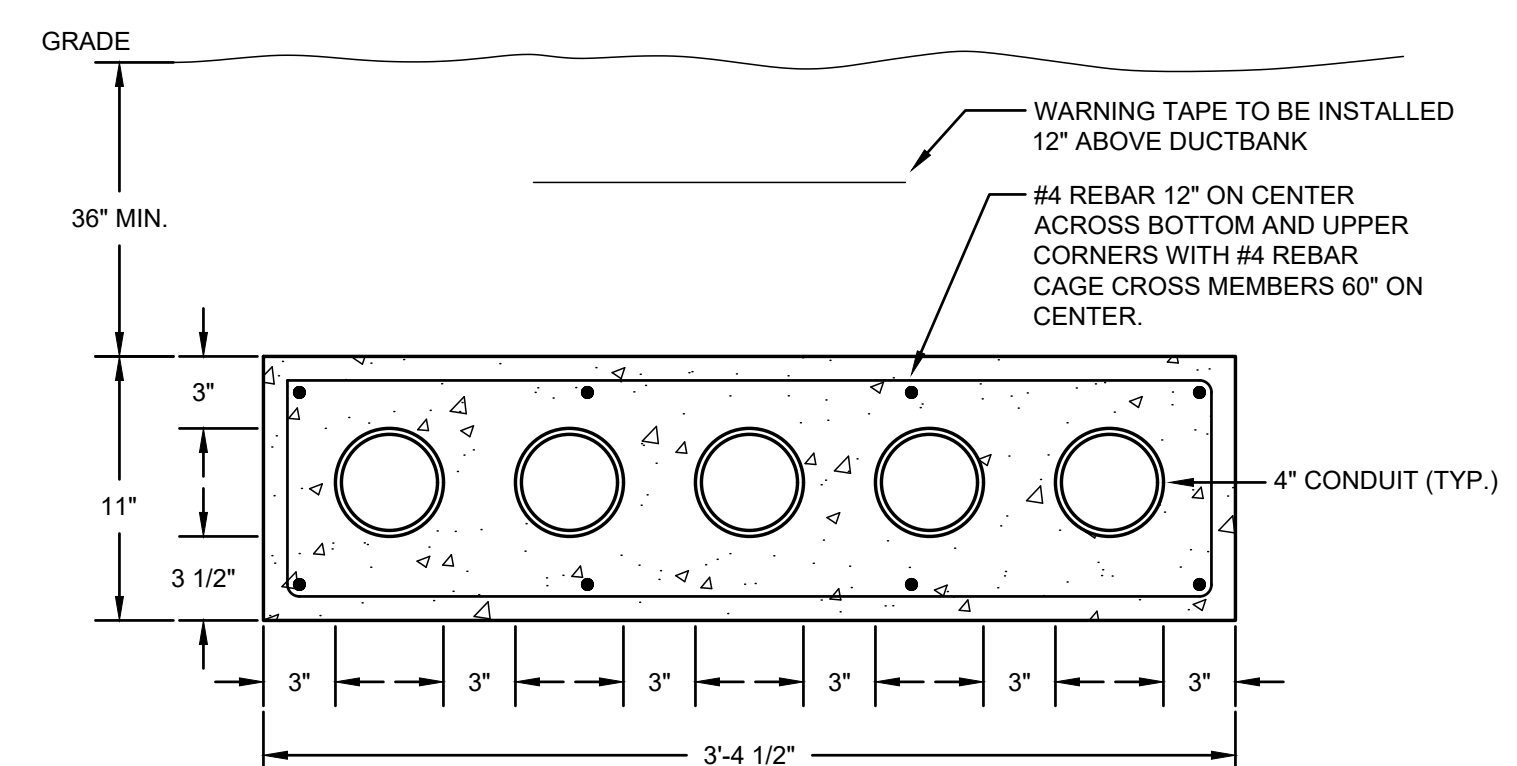
2 DUCTBANK DETAIL
SCALE: NOT TO SCALE



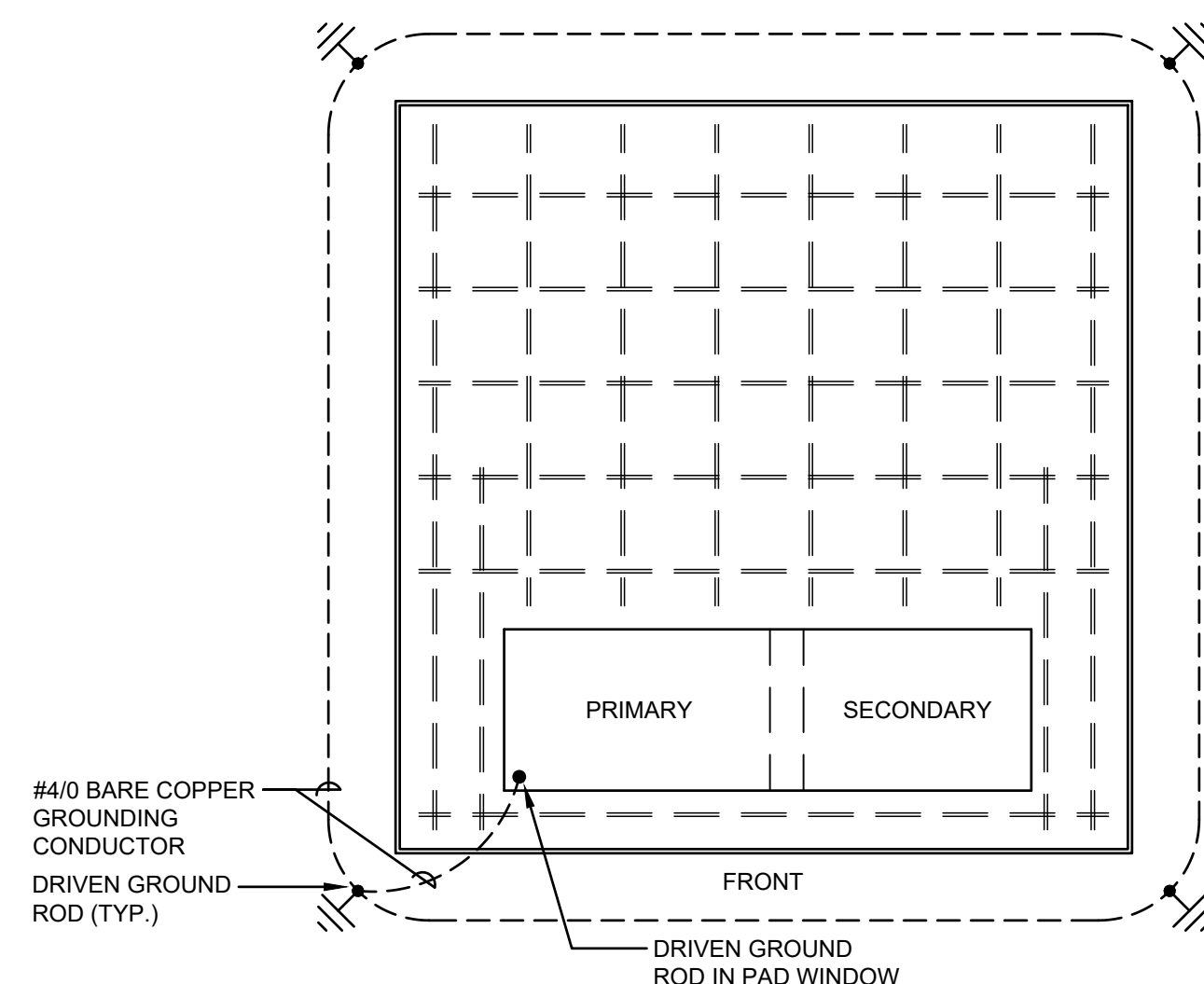
11 DUCTBANK DETAIL
SCALE: NOT TO SCALE



7 DUCTBANK DETAIL
SCALE: NOT TO SCALE

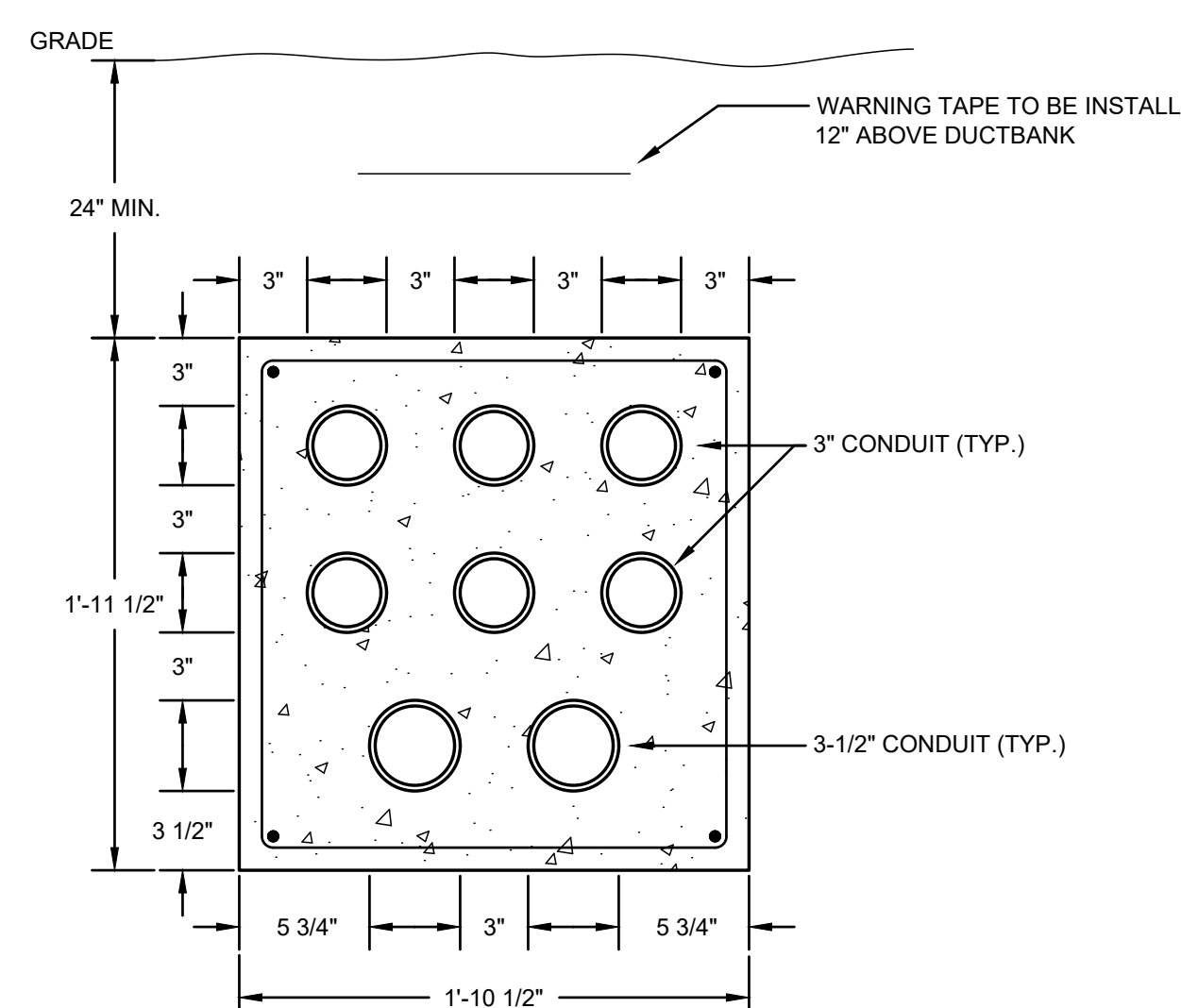


3 DUCTBANK DETAIL
SCALE: NOT TO SCALE

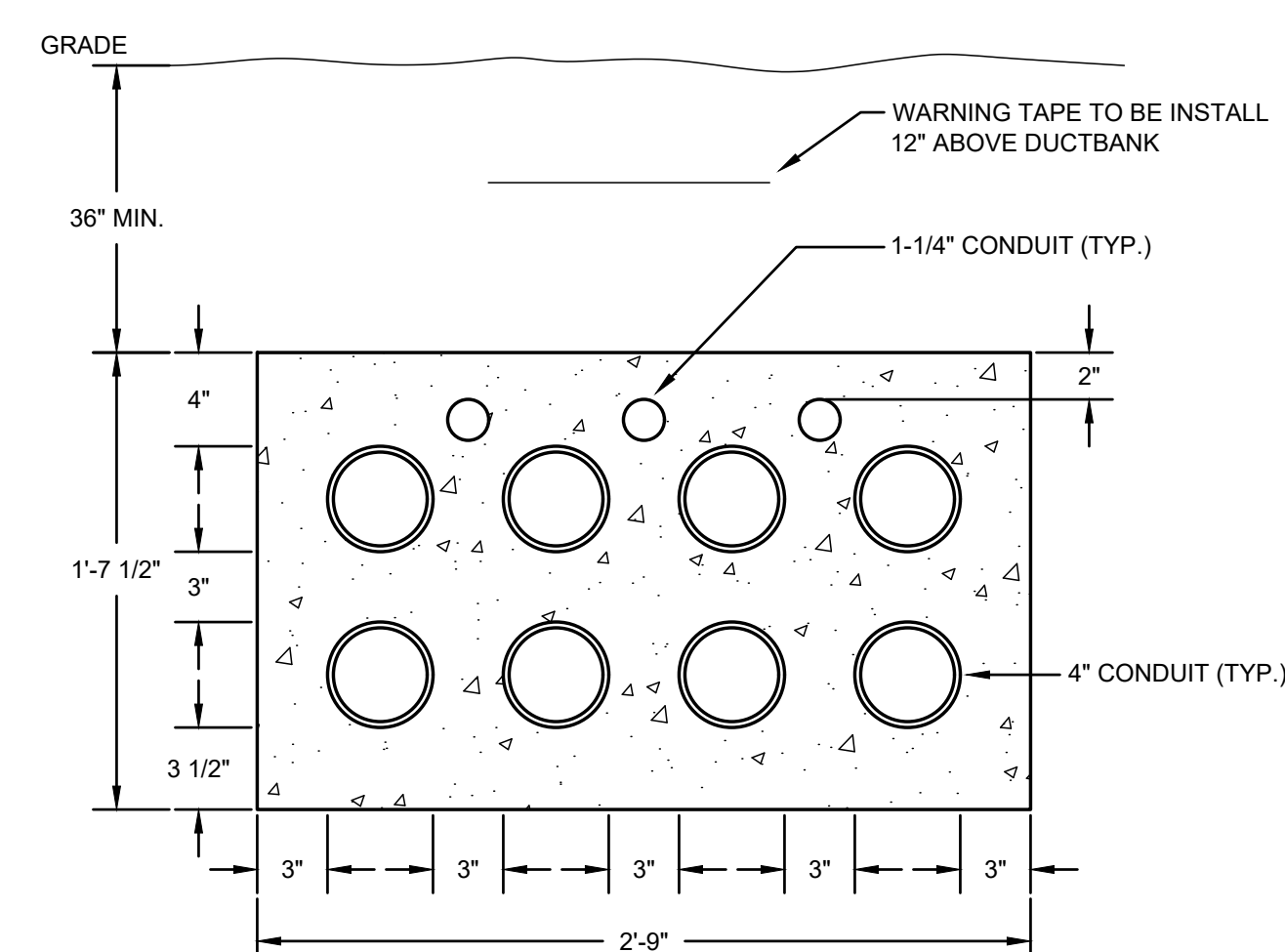


NOTES:

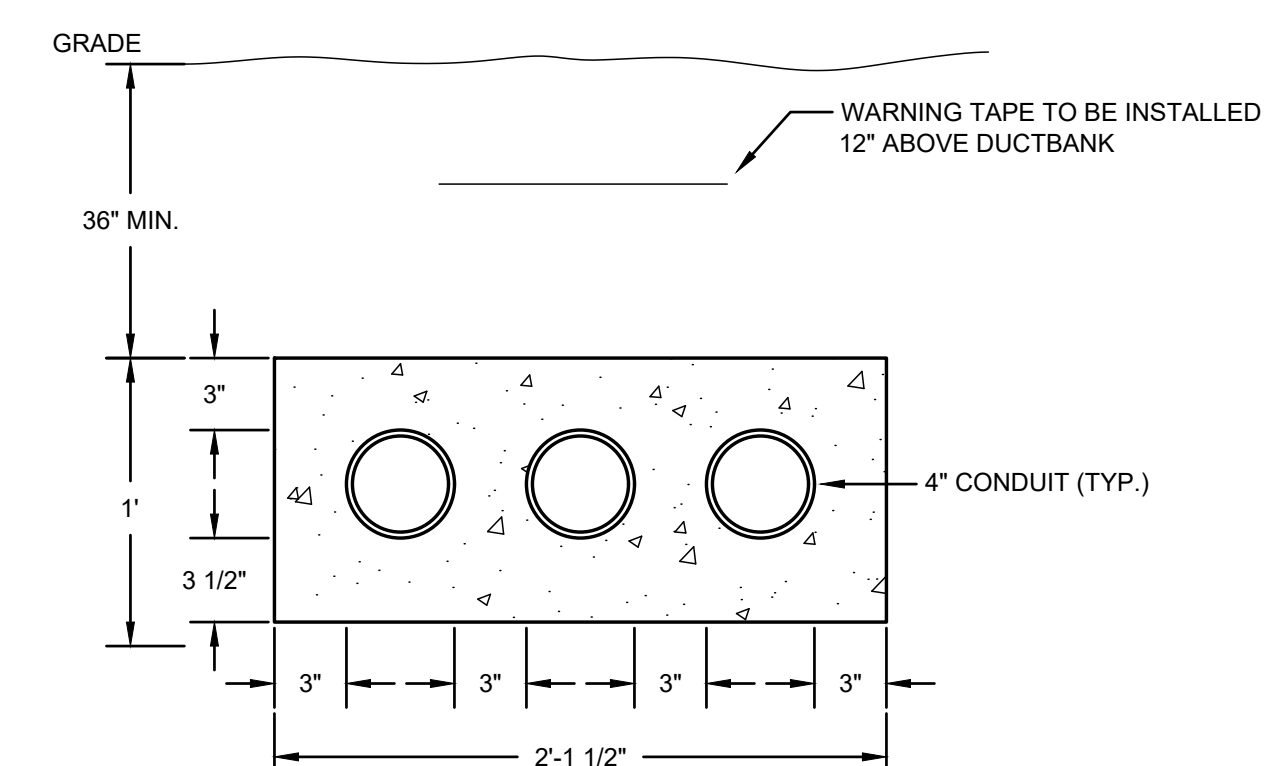
1. GROUND ROD TO BE 3/4 IN. DIAMETER X 10 FT. LONG COPPER CLAD STEEL.
2. GROUND ROD IN PAD WINDOW TO BE 4 INCHES FROM EACH SIDE OF THE CORNER.
3. GROUNDING CONDUCTOR TO BE #4/0 BARE COPPER MINIMUM.
4. GROUNDING CONDUCTOR DEPTH TO BE 30 INCHES MINIMUM.
5. MECHANICAL/ELECTRICAL CONNECTIONS IN THE GROUND SHALL BE EXOTHERMIC WELDS (EX. CADWELD).
6. GROUNDING CONDUCTOR TO BE 2 FT. FROM THE EDGE OF THE CONCRETE PAD.



12 DUCTBANK DETAIL
SCALE: NOT TO SCALE



8 DUCTBANK DETAIL
SCALE: NOT TO SCALE



4 DUCTBANK DETAIL
SCALE: NOT TO SCALE

15 **PAD GROUNDING DETAIL**
SCALE: NOT TO SCALE

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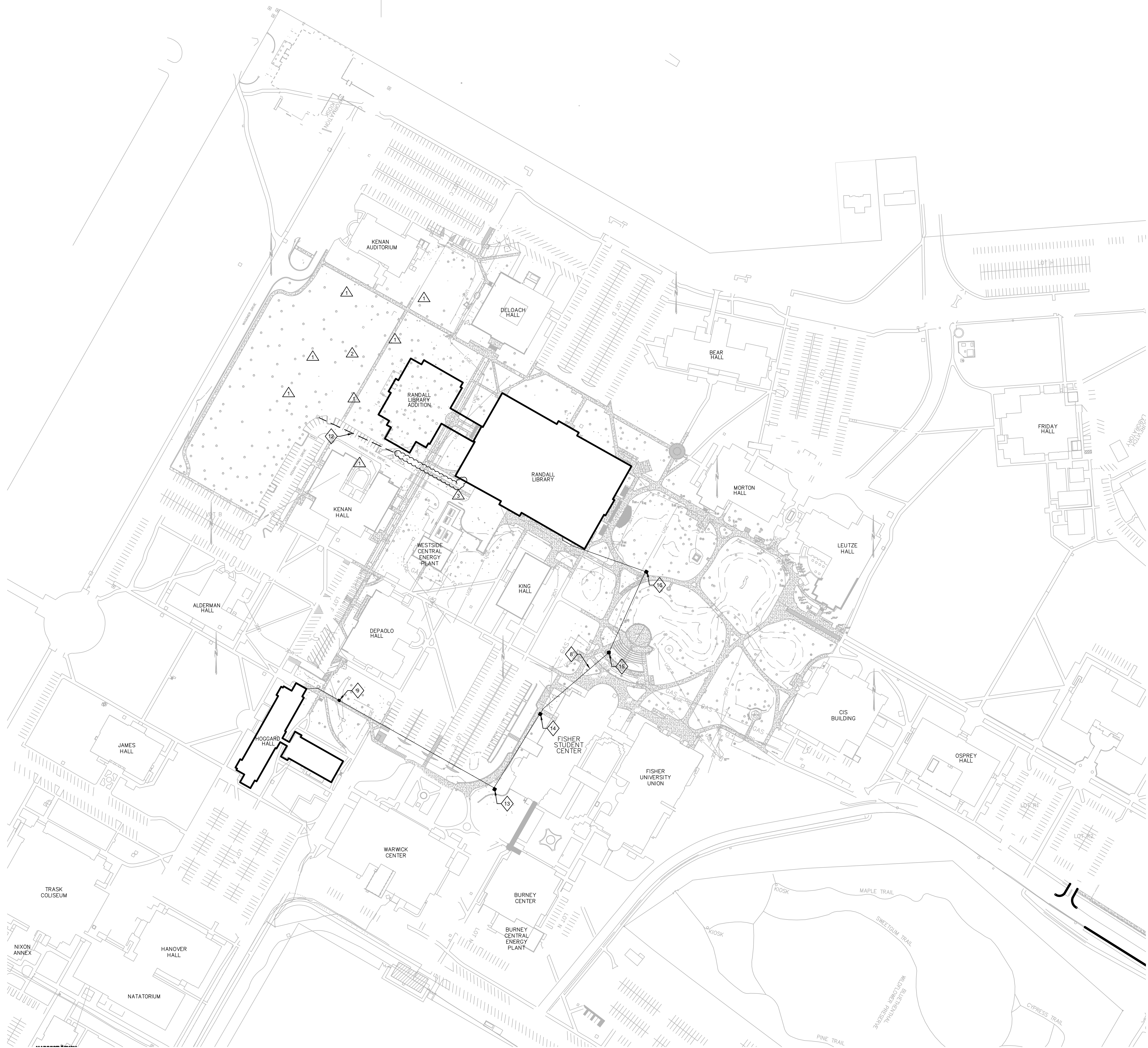
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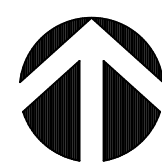
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1 CAMPUS COMMUNICATIONS DISTRIBUTION
SCALE: 1" = 100'-0"



GENERAL NOTES:

1. THE INFORMATION PROVIDED ON THESE DOCUMENTS IS BASED ON INFORMATION PROVIDED BY OTHERS AND DOES NOT NECESSARILY REFLECT ACTUAL EXISTING OR AS-BUILT CONDITIONS.
2. COORDINATE OPENINGS FOR CONDUIT PENETRATIONS AT BUILDING EXTERIOR WITH ARCHITECT AND STRUCTURAL ENGINEER. PROVIDE APPROVED WATERTIGHT PENETRATION THROUGH BUILDING OPENING. REFER TO AND COORDINATE WITH INTERIOR DRAWING PACKAGE FOR LOCATION AND ROUTING OF INTERIOR CONDUIT AND TRANSITION POINT TO EXTERIOR CONDUIT.
3. PROVIDE NEW TELECOMMUNICATIONS MANHOLE AT LOCATIONS AS SHOWN AND NOT TO EXCEED A DISTANCE OF 200 L.F. BETWEEN. MANHOLES SHALL BE 6'X4'X7" IN SIZE WITH A TRAFFIC RATED LID.
4. NEW DUCTBANKS SHALL BE QTY (4) 4" CONDUITS EACH. REFER TO SHEET TU102.
5. COORDINATE SCHEDULE AND RE-TERMINATION OF ALL SERVICES WITH UNC IT PRIOR TO COMMENCEMENT OF WORK. VALIDATE CONDITIONS IN FIELD TO ENSURE PROPER LENGTH OF EXISTING CABLING SHALL ALLOW RE-TERMINATION.
6. REFER TO ELECTRICAL SITE PLANS FOR SHARED-TRENCH AND DUCTBANK PROFILE INFORMATION.

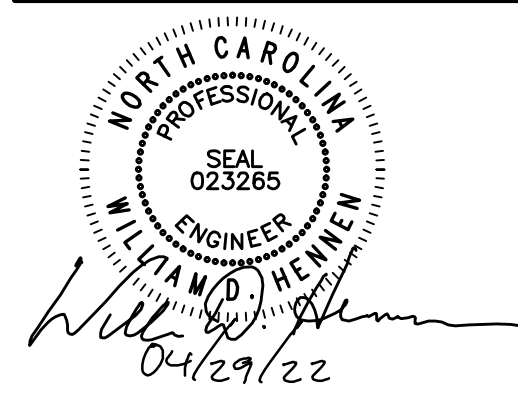
SHEET KEYNOTES:

- 1 NOT USED.
- 2 NOT USED.
- 3 NOT USED.
- 4 NOT USED.
- 5 NOT USED.
- 6 NOT USED.
- 7 NOT USED.
- 8 EXISTING COMMUNICATIONS DUCTBANK FROM HOGGARD HALL TO RANDALL LIBRARY. INSTALL (1) 96-STRAND SINGLEMODE OPTICAL FIBER IN EXISTING INFRASTRUCTURE TO SUPPORT LIBRARY ADDITION. TERMINATE CABLING IN EXISTING MDF 1032 IN RANDALL LIBRARY. UNCW IT TO VERIFY EXISTING CONDUIT AND MANHOLE CAPACITIES PRIOR TO INSTALLATION.
- 9 EXISTING MANHOLE 33A1
- 10 REFER TO DETAIL #1 ON SHEET TU500 FOR DUCTBANK SECTION, TYP.
- 11 EXISTING COMMUNICATIONS DUCTBANK WITH (1) 3" CONDUIT TO REMAIN.
- 12 EXISTING COMMUNICATIONS DUCTBANK WITH (2) 3" CONDUITS TO REMAIN.
- 13 EXISTING MANHOLE 33A3
- 14 EXISTING MANHOLE 33A4
- 15 EXISTING HANDHOLE 30
- 16 EXISTING MANHOLE 31
- 17 NOT USED.



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A	DATE	DESCRIPTION
0	2022.02.14	BID DOCUMENTS
1	2022.04.08	ADDENDUM 1
2	2022.04.15	ADDENDUM 2
3	2022.04.29	ADDENDUM 4

SHEET NAME:
TELECOM SITE PLAN -
NEW WORK

ORIG SUBMISSION: 2022.02.14
CURRENT: 2022.02.14

SHEET:
TU100

PACKAGE A -
BID DOCUMENTS

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E

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C

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A



1 EXISTING TELECOM SITE PLAN
SCALE: 1" = 30'



GENERAL NOTES:

1. THE INFORMATION PROVIDED ON THESE DOCUMENTS IS BASED ON INFORMATION PROVIDED BY OTHERS AND DOES NOT NECESSARILY REFLECT ACTUAL EXISTING OR AS-BUILT CONDITIONS.
2. COORDINATE SCHEDULE AND RE-TERMINATION OF ALL SERVICES WITH UNC IT PRIOR TO COMMENCEMENT OF WORK. VALIDATE CONDITIONS IN FIELD TO ENSURE PROPER LENGTH OF EXISTING CABLING SHALL ALLOW RE-TERMINATION.
3. COORDINATE AND TEST ALL NEW CABLING AND DUCTBANK BEFORE DEMOLITION.
4. CONTRACTOR MUST BE A CERTIFIED INSTALLER FOR THE APPROVED MANUFACTURER'S CABLING SOLUTION. REFER TO SPECIFICATION SECTION 271300 FOR ADDITIONAL REQUIREMENTS.

SHEET KEYNOTES:

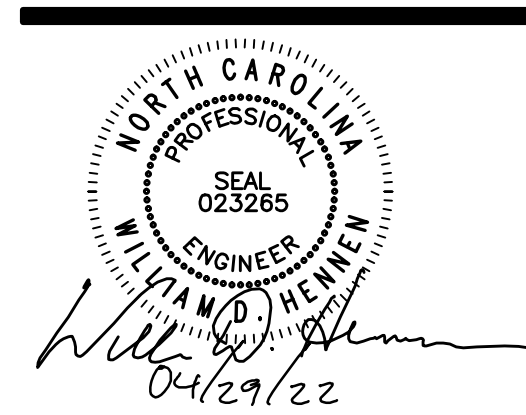
- 1 18-STRAND SINGLE MODE FIBER, 36-STRAND MULTI-MODE FIBER, 600 PAIR COPPER CABLE TO BE DEMOLISHED REMOVED BETWEEN MANHOLE #16 AND MANHOLE #17. CABLE SHALL BE CUT AT EACH MANHOLE LOCATION WHILE LEAVING SERVICE LOOPS IN PLACE.
- 2 NOT USED
- 3 NOT USED
- 4 EXISTING COMMUNICATIONS DUCTBANK TO BE REMOVED AFTER INSTALLATION AND ACCEPTANCE OF NEW DUCTBANK.
- 5 EXISTING DUCTBANK AND CABLE TO BE DEMOLISHED BACK TO MANHOLE 16.
- 6 ABANDONED TELECOM DUCTBANK TO BE DEMOLISHED



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A	DATE	DESCRIPTION
0	2022.02.14	BID DOCUMENTS
1	2022.04.29	ADDENDUM 4

SHEET NAME:
TELECOM SITE PLAN -
DEMOLITION

ORIG SUBMISSION: 2022.02.14
CURRENT: 2022.02.14

SHEET:
TU101

PACKAGE A -
BID DOCUMENTS