

Proposal No. 2024M-012EN-001



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 6/29/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

Table with columns for PRODUCER, CONTACT NAME, PHONE, FAX, E-MAIL ADDRESS, INSURER(S) AFFORDING COVERAGE, and NAIC #.

COVERAGES CERTIFICATE NUMBER: 1967484244 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

Main table with columns: INSR LTR, TYPE OF INSURANCE, ADDL INSR, SUBR, WVD, POLICY NUMBER, POLICY EFF, POLICY EXP, LIMITS.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) ADDITIONAL INSURED - As respects to the Commercial General Liability Policy, Additional Insured status is granted per the following wording from the Commercial General Liability Policy...

WAIVER OF SUBROGATION - As respects to the Commercial General Liability Policy, The Insurer agrees to waive any right of recovery they may have against any person or organization when Vanderbilt University has agreed to such a waiver prior to an Occurrence.

Table with columns: CERTIFICATE HOLDER and CANCELLATION.

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ACORD 25 (2016/03)

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**LICENSE AGREEMENT FOR PRIVATE ENCROACHMENTS  
INTO THE PUBLIC RIGHT OF WAY**

I/We, Vanderbilt University, in consideration of Resolution No. \_\_\_\_\_, to construct, maintain, install and/or operate an encroachment into, onto, over, or under the public right of way located at in Nashville, Davidson County, Tennessee, do hereby, for myself, my agents, customers, and assigns, waive and release and hold harmless The Metropolitan Government of Nashville and Davidson County, its agents, employees, and assigns from any and all claims, rights, or demands for damages that may arise from my/our negligence in the use, construction and/or maintenance of the encroachment, to wit: (SEE ATTACHED DESCRIPTION OF ENCROACHMENT). I/We hereby certify to the Metropolitan Government of Nashville and Davidson County that I/We have executed a bond or liability insurance policy in such amount as agreed upon by the Director of Public Works and the Metropolitan Attorney, and in the form approved by the Metropolitan Attorney (per Metropolitan Code Section 38-1-1), which operates to indemnify and save The Metropolitan Government of Nashville and Davidson County harmless from all claims or demands that may result to persons or property by reason of our negligence in the construction, operations or maintenance of the encroachment. I/We further agree that my/our obligations hereunder may not be assigned except upon approval of the Director of Public Works and the Metropolitan Attorney. I/We further acknowledge that any action that results in a failure to maintain said bond or liability insurance for the protection of The Metropolitan Government of Nashville and Davidson County shall operate to the granting of a lien to The Metropolitan Government of Nashville and Davidson County in the amount of the last effective bond/insurance policy. Said insurance or bond may not be cancelable or expirable except on 30 days notice to the Director of Public Works.

I/We further recognize that the license granted hereby is revocable by The Metropolitan Government upon recommendation of the Director of Public Works and approval by resolution of the Metropolitan County Council if it is determined to be necessary to the public welfare and convenience. In the event the Metropolitan Government revokes this license as contemplated by this paragraph, licensee will not be entitled to any compensation of any kind. This license shall also be strictly subject to the right of way

easement owned by The Metropolitan Government. I/We agree to maintain, construct and use the encroachment in such a way as will not interfere with the rights and duties of the Metropolitan Government as owner of the right of way. Said interference shall be additional grounds for revocation of the license for encroachment. I/We agree to pay the cost of construction, maintenance, use, as well as relocations cost of said encroachment. Licensee's failure to complete construction of the contemplated encroachment within 36 months of the date of approval by the Metropolitan Council will cause this license to terminate automatically. In the event the encroachment contemplated by this license is substantially destroyed, this license shall terminate unless fully restored by licensee within 36 months from the date of such destruction. In the event this license is revoked or terminated for any reason, licensee shall restore all public property to the condition obtaining at the time the license became effective at licensee's sole cost and expense.

**VANDERBILT UNIVERSITY**

*Alexander Kohnen*



03/04/2024 02:31 PM CST

By: Alexander M. Kohnen  
Its: Associate Vice Chancellor & Chief  
Facilities Officer, Facilities

2201 West End Avenue  
Nashville, Tennessee 37235  
(Address of Property)

STATE OF TENNESSEE )  
COUNTY OF DAVIDSON )

Sworn to and subscribed before me, Nancy C. Short, a Notary Public, this 4th day of March, 2024.

*Nancy C. Short*



03/04/2024 02:33 PM CST

Notary Public

My Commission Expires: 05/05/2025

Online Notary Public. This notarial act involved the use of online audio/video communication technology. Notarization facilitated by SIGNIX®

PlansTracker - T0023000019  
Vanderbilt University Central Utilities Initiative - Utility Corridor  
Vandy Electric & IT\_01202023 (Private)

Nashville Department of Transportation  
And Mobility Infrastructure

**EXCEPTION TAKEN AS NOTED**

This review does not relieve the applicant (s) from compliance with the rules, regulations, and specifications of this department and other governmental agencies. This check is only for general conformance with the requirements of the Nashville Department of Transportation.

JONATHAN HONEYCUTT 6/15/2023

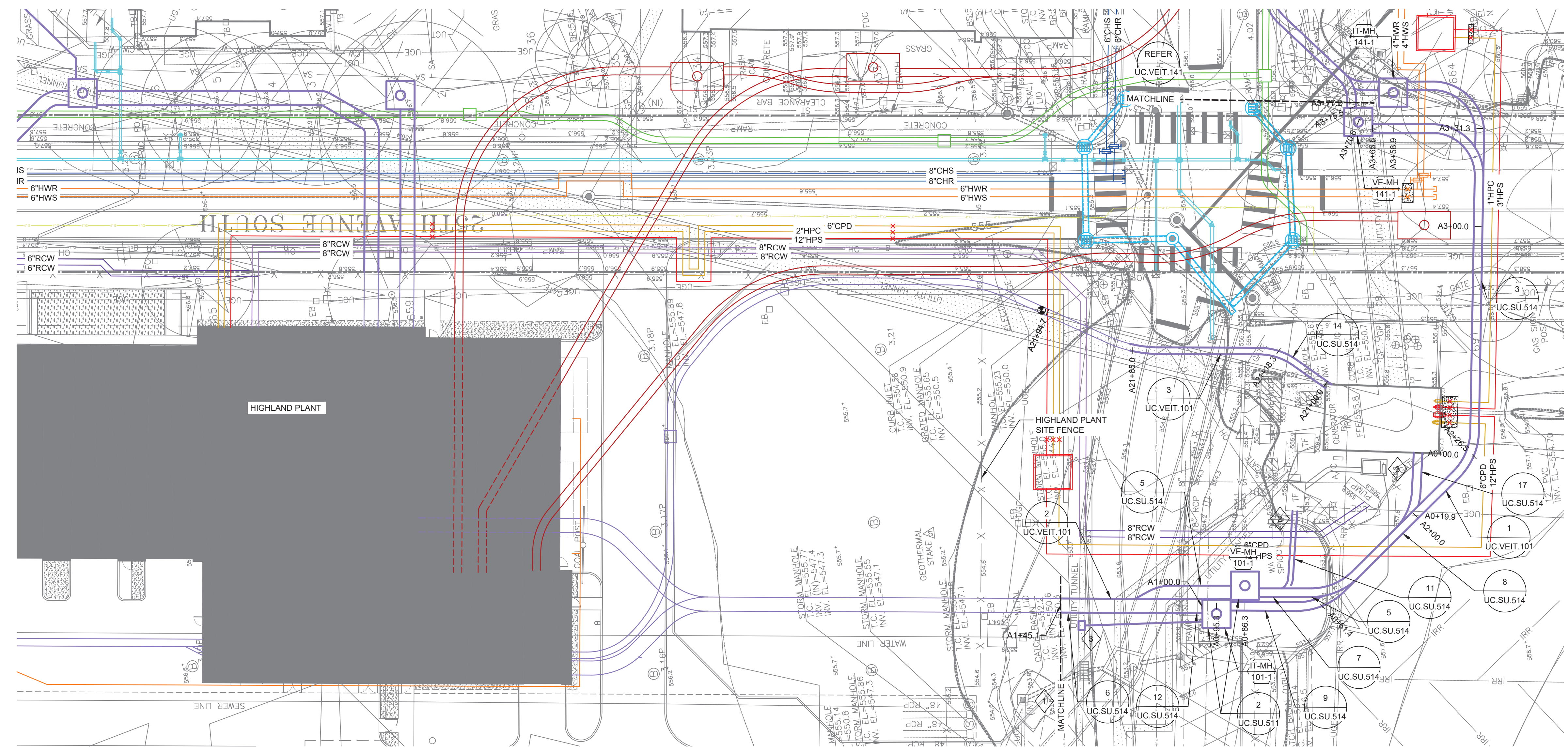
Signed

Date

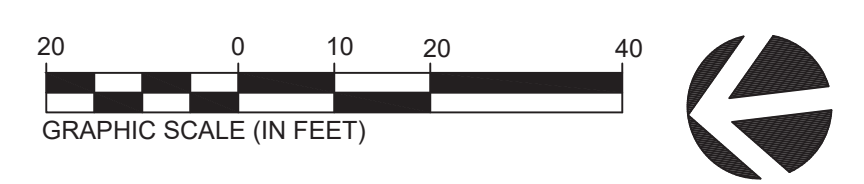
Mandatory Referral required for private utilities located within the public right of way. Comply with any Conditions of Approval.

Traffic Control Plan -

With any work located within the public right of way, including excavation / sidewalk closure / lane closure permits, include a temporary traffic control and signage plan, complying with MUTCD standards.



- Sheet Keynotes:
- 1 REFER TO HIGHLAND PLANT PROJECT FOR UNDERGROUND UTILITIES BETWEEN THE SITE FENCE AND THE HIGHLAND PLANT.
  - 2 REFER TO UC.ST.101 AND UC.RCW.101 FOR VEIT ELEVATIONS
  - 3 REFER TO MOLE HOLE DRAWINGS FOR VEIT WALL PENETRATION ELEVATION.
  - 4 INTERCEPT EXISTING UNDERGROUND TELECOM CONDUIT TO STUDENT REC. PROVIDE NEW 24"X36"X24" HANDHOLE AND (2) 4" FROM IT-MH-101-1 TO NEW HANDHOLE FOR NEW CABLING TO TELECOM ROOM (REFER TO UC.E.431 AND UC.E.432).



Rev	Date	Description of Issue
D	01/20/23	CONSTRUCTION DOCUMENTS
C	10/07/22	DD BID - ADDENDUM 1
B	09/16/22	DESIGN DEVELOPMENT
A	02/25/22	SCHEMATIC DESIGN

Project



# VANDERBILT UNIVERSITY

CENTRAL UTILITIES INITIATIVE  
UTILITY CORRIDORS (UC)

## SHEET TITLE

### VU ELECTRIC PARTIAL PLAN AND PROFILE

Scale: AS NOTED

Date: 02/25/22 Drawn By: TJN

Project No: 20566-01 Checked By: BHB

Sheet No: UC.VEIT.101

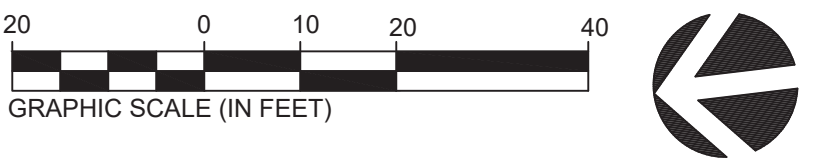
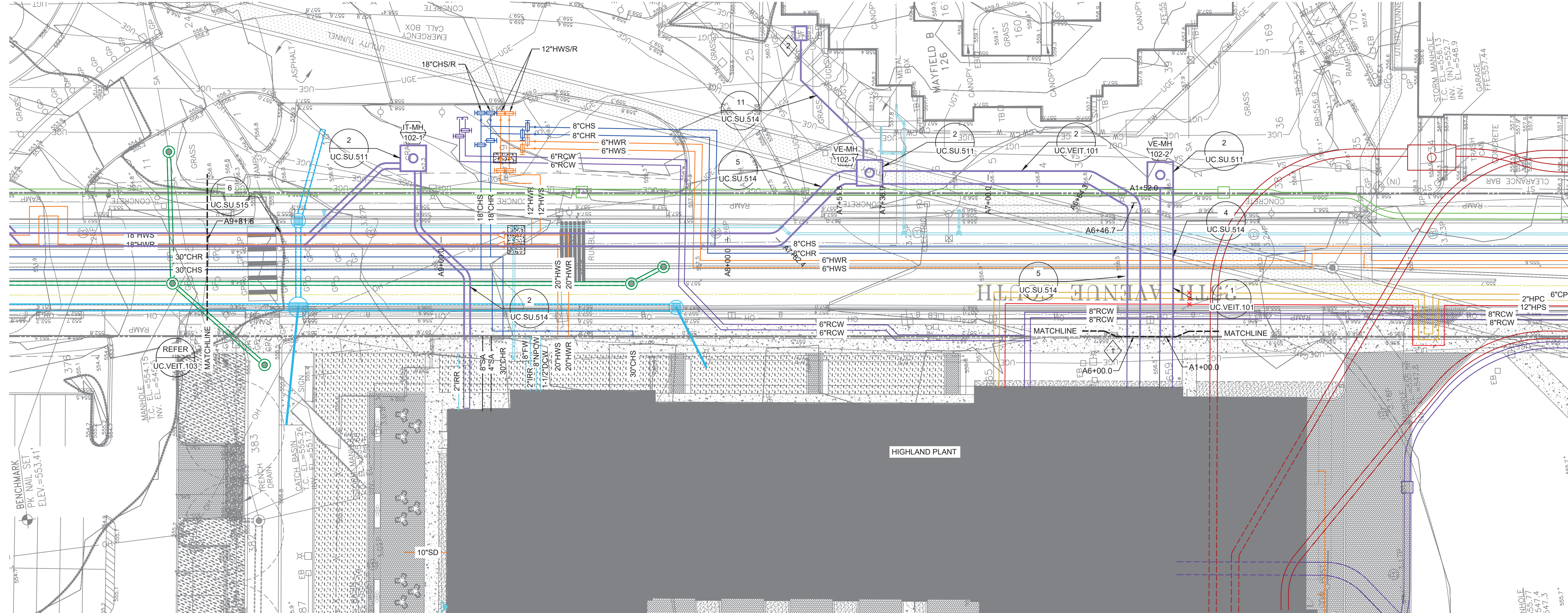
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**3** VU ELECTRIC PARTIAL PLAN AND PROFILE  
SCALE: 1" = 20'-0" HORIZONTAL  
1" = 5'-0" VERTICAL  
1" = 20'-0" SITE

**2** VU ELECTRIC PARTIAL PLAN AND PROFILE  
SCALE: 1" = 20'-0" HORIZONTAL  
1" = 5'-0" VERTICAL  
1" = 20'-0" SITE

**1** VU ELECTRIC PARTIAL PLAN AND PROFILE  
SCALE: 1" = 20'-0" HORIZONTAL  
1" = 5'-0" VERTICAL  
1" = 20'-0" SITE

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- Sheet Keynotes:
- 1 REFER TO HIGHLAND PLANT PROJECT FOR UTILITY ENTRANCES INTO THE HIGHLAND PLANT.
  - 2 REPLACE EXISTING TRANSFORMER SERVING MAYFIELD. EXISTING SINGLE PHASE TRANSFORMER HAS MULTIPLE TAPS FOR INDIVIDUAL SERVICE CONDUCTORS TO EACH HOUSING UNIT (APARTMENT). EXISTING TRANSFORMER IS SERVED FROM NES OVERHEAD UTILITY POLES ON 25TH AVENUE. COORDINATE OUTAGE REQUIRED FOR TRANSFORMER REPLACEMENT AND CONNECTION TO VU 13.8KV POWER SYSTEM WITH OWNER.

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Sheet Title  
**VU ELECTRIC PARTIAL PLAN AND PROFILE**

Scale:  
 AS NOTED

Date: 02/25/22  
 Drawn By: TJN

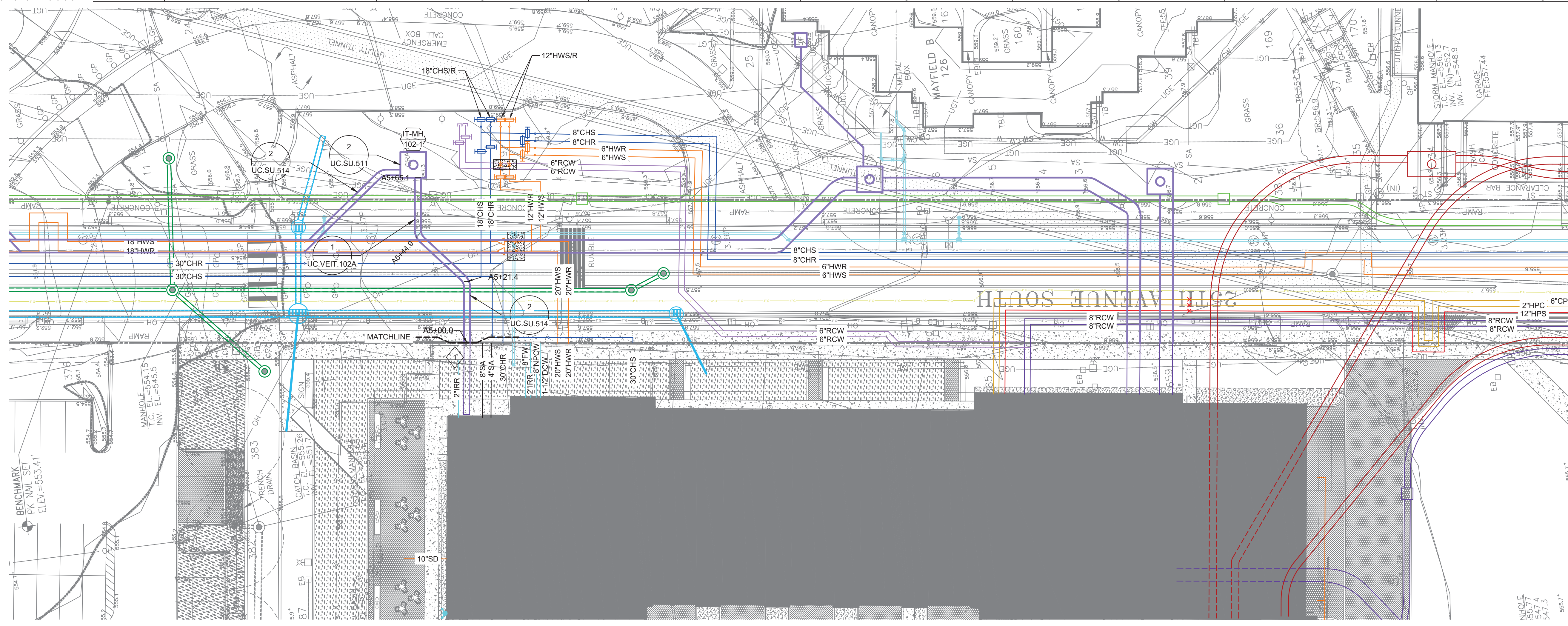
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20566-01

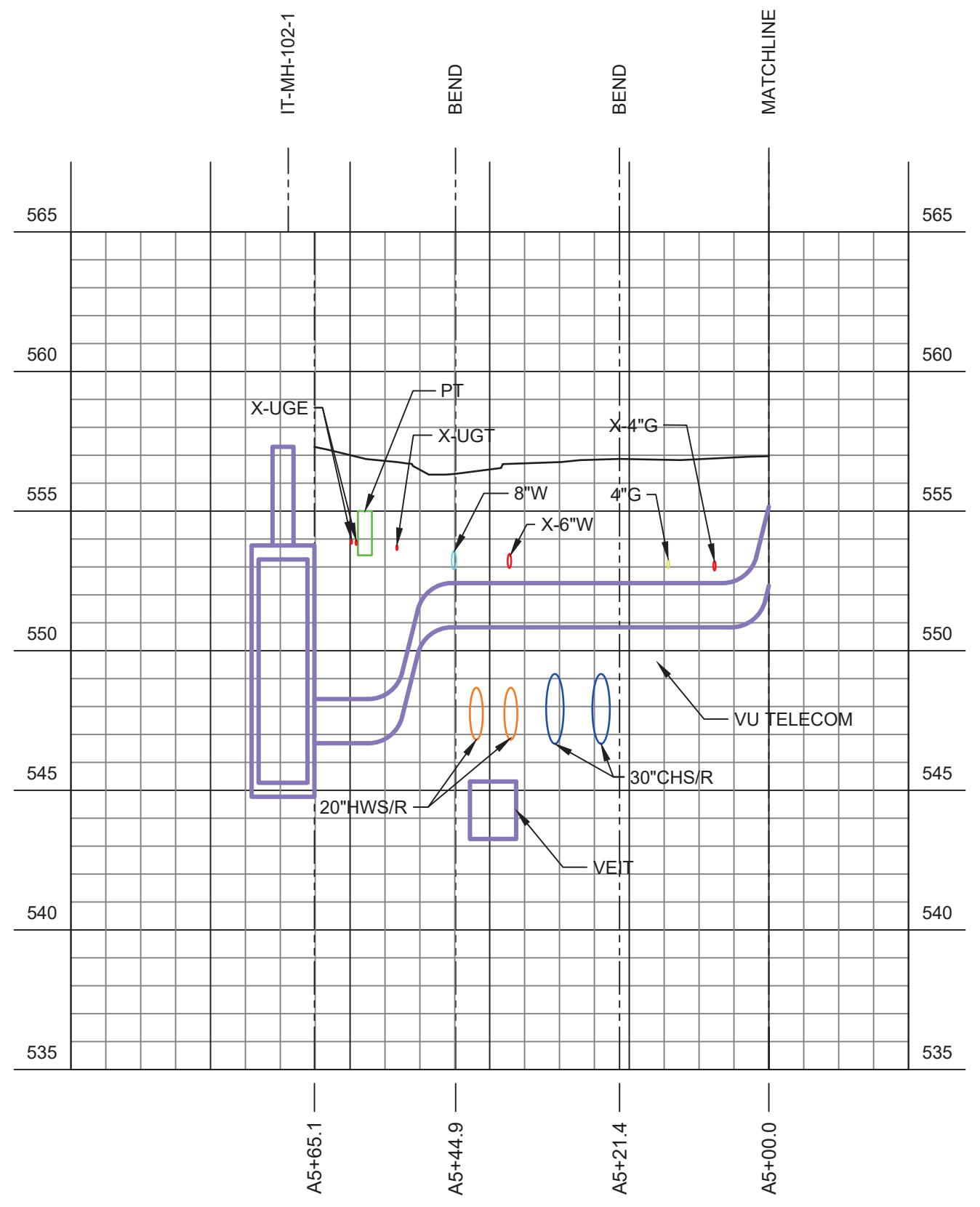
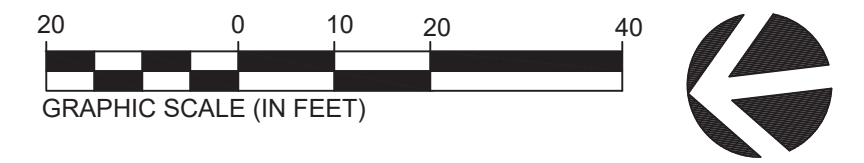
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 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE

**2 VU ELECTRIC PARTIAL PLAN AND PROFILE**  
 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE

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Sheet Keynotes:  
 1 REFER TO HIGHLAND PLANT PROJECT FOR UTILITY ENTRANCES INTO THE HIGHLAND PLANT.



**2 VU ELECTRIC PARTIAL PLAN AND PROFILE**  
 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE

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D	01/20/23	CONSTRUCTION DOCUMENTS
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A	02/25/22	SCHEMATIC DESIGN



Sheet Title  
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Scale  
 AS NOTED

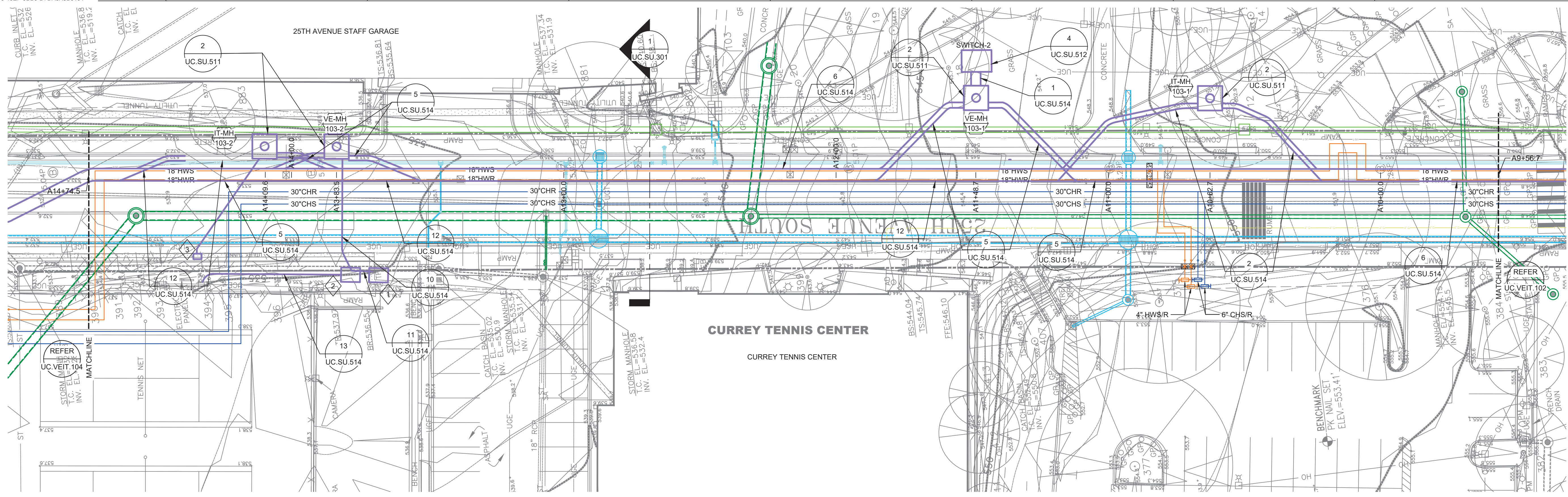
Date  
 02/25/22

Drawn By  
 TJN

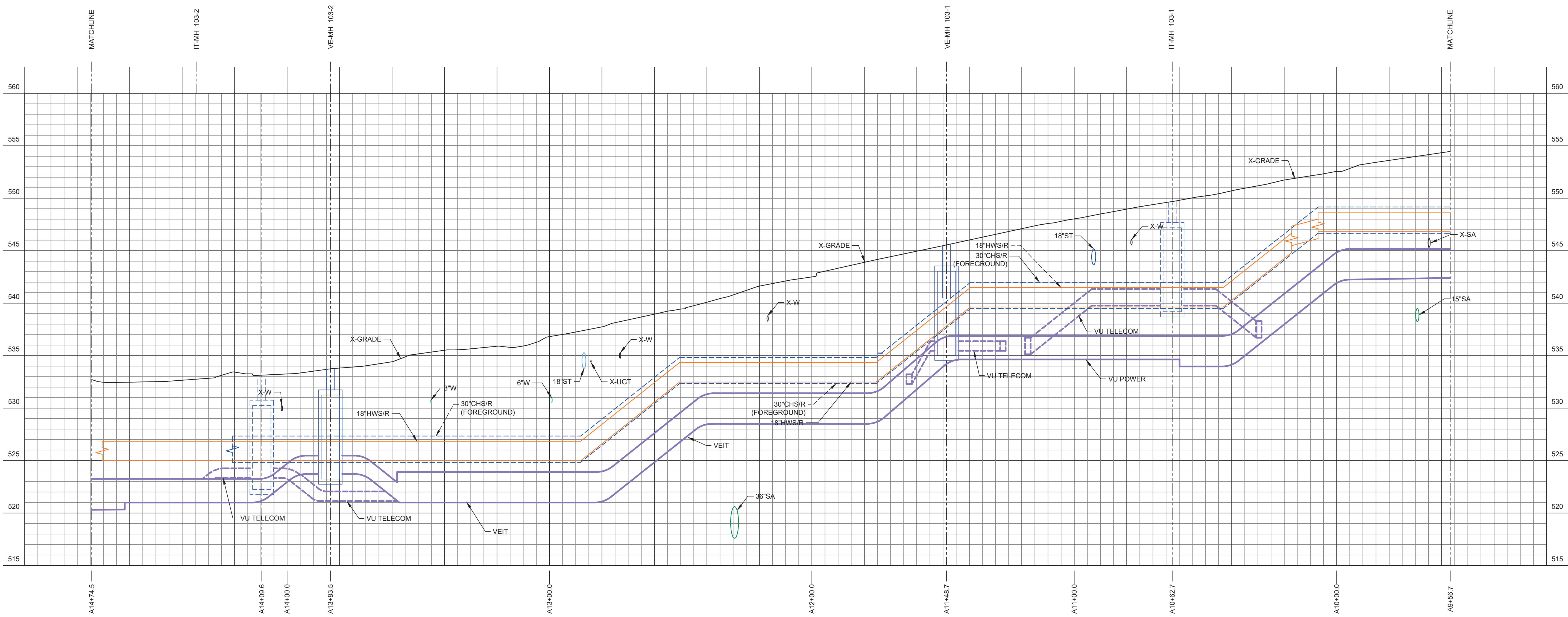
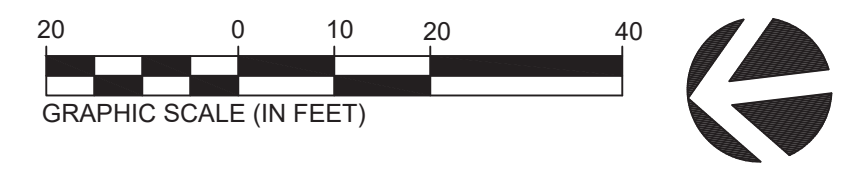
Project No.  
 20566-01

Checked By  
 BJP

Sheet No.  
**UC.VEIT.102A**



- Sheet Keynotes:
- RE-CONNECT EXISTING TRANSFORMER SERVING CURREY TENNIS TO NEW SWITCH. REFER TO UC.E.401. EXISTING TRANSFORMER IS SERVED FROM VU SWITCH. COORDINATE OUTAGE REQUIRED FOR RE-CONNECTION TO VU 13.8KV POWER SYSTEM WITH OWNER. PROVIDE 500KW TEMPORARY GENERATOR TO SUPPORT BUILDING FUNCTIONALITY DURING TRANSITION.
  - PROVIDE NEW TRANSFORMER FOR POWER TO TENNIS COURTS. EXISTING THREE PHASE TRANSFORMER IS POLE MOUNTED AND SERVED FROM NES OVERHEAD UTILITY POLES ON 25TH AVENUE. COORDINATE OUTAGE REQUIRED FOR CONNECTION TO EXISTING NEMA 3R 480V PANEL WITH OWNER.
  - INTERCEPT EXISTING UNDERGROUND TELECOM CONDUIT TO CURREY TENNIS CENTER. PROVIDE NEW 24"x36"x24" HANDHOLE AND (2) 4" FROM IT-MH-103-2 TO NEW HANDHOLE FOR NEW CABLING TO TELECOM ROOM (REFER TO UC.E.431 AND UC.E.432).



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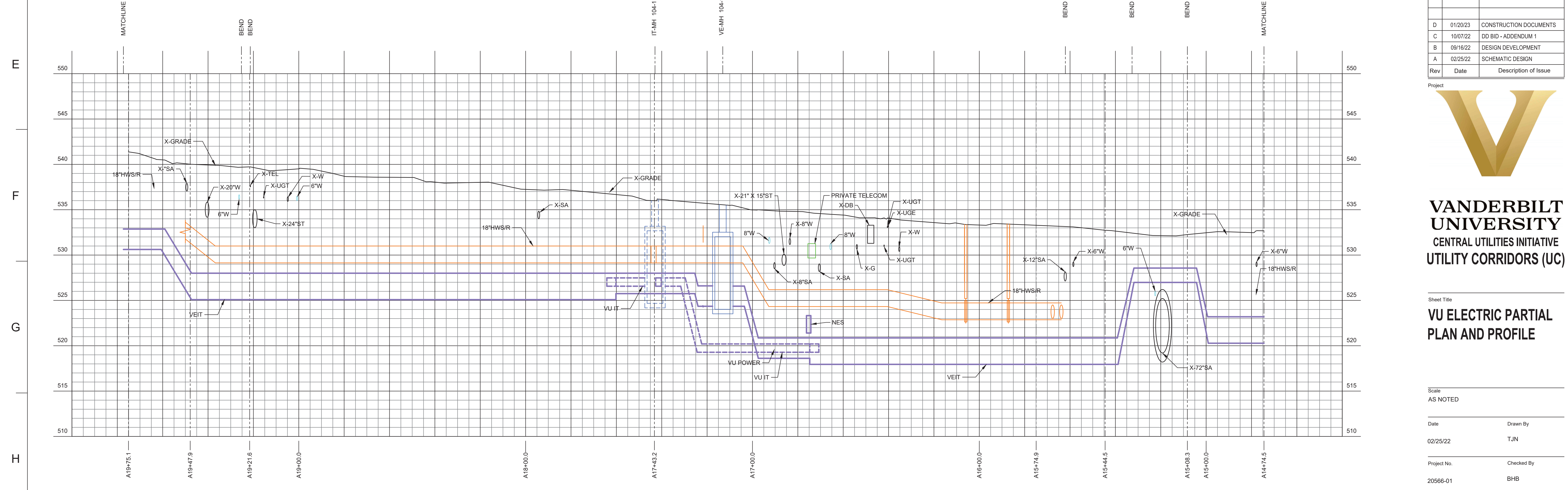
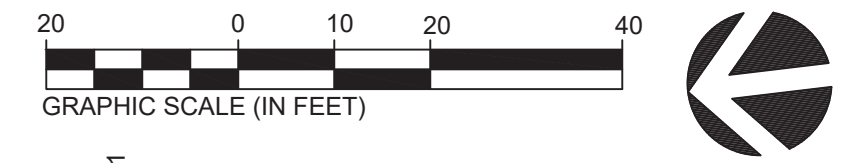
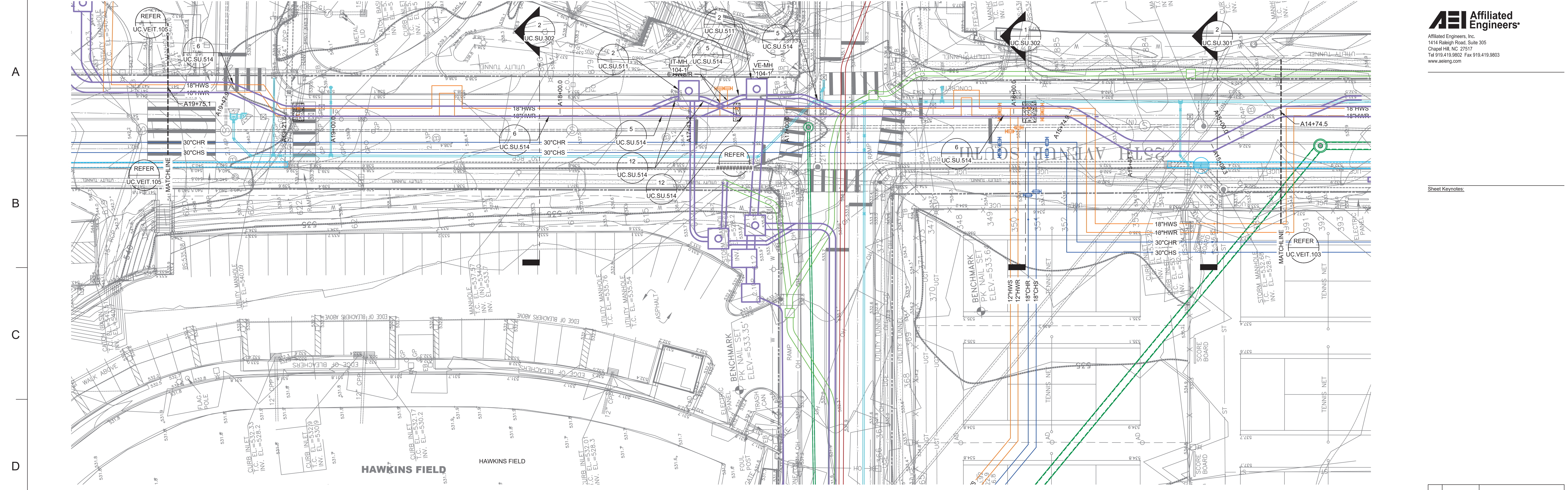
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**VU ELECTRIC PARTIAL PLAN AND PROFILE**

Scale  
 AS NOTED

Date	Drawn By
02/25/22	TJN
Project No.	Checked By
20566-01	BHB

**1 VU ELECTRIC PARTIAL PLAN AND PROFILE**  
 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE





Sheet Keynotes:

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A	02/25/22	SCHEMATIC DESIGN



Sheet Title  
**VU ELECTRIC PARTIAL PLAN AND PROFILE**

Scale  
AS NOTED

Date  
02/25/22

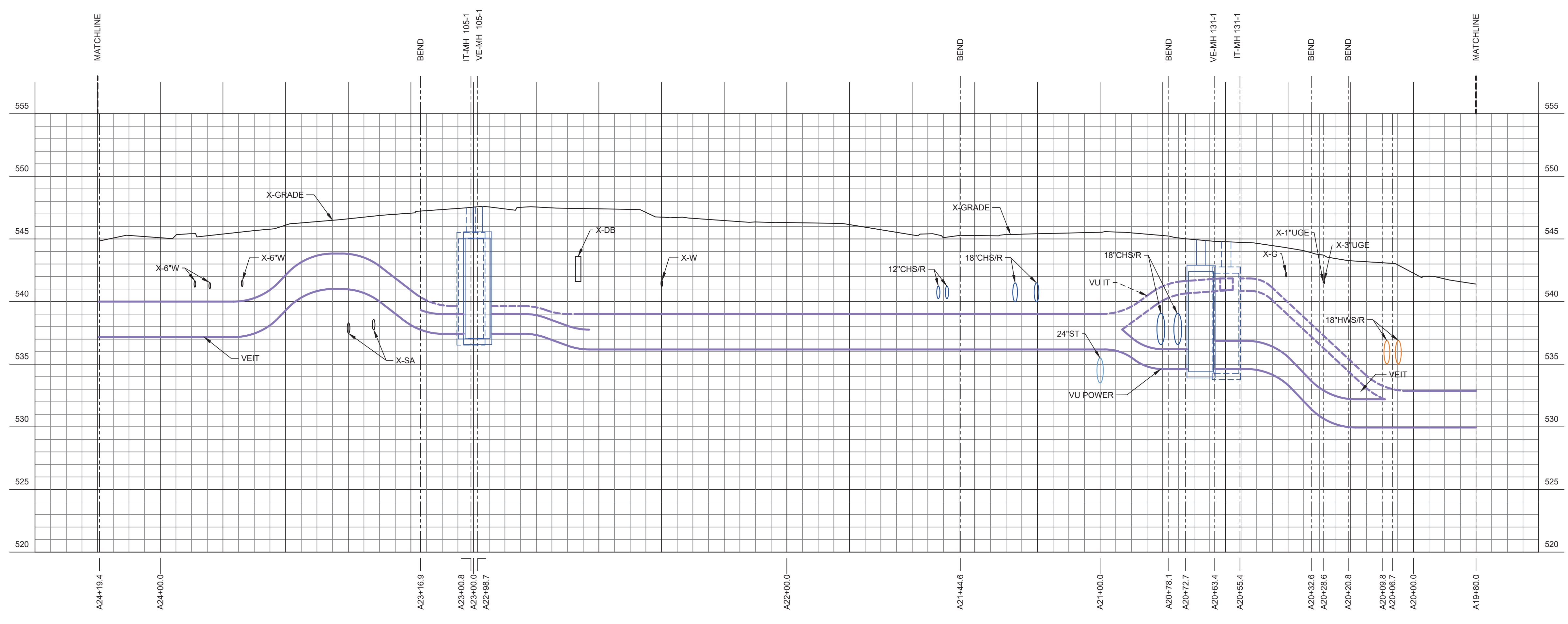
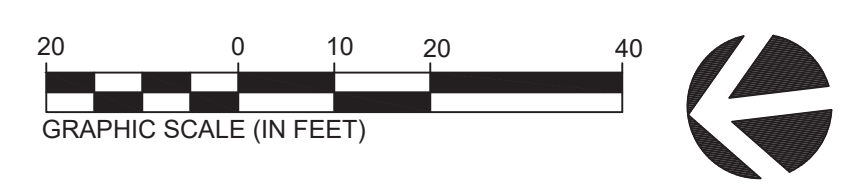
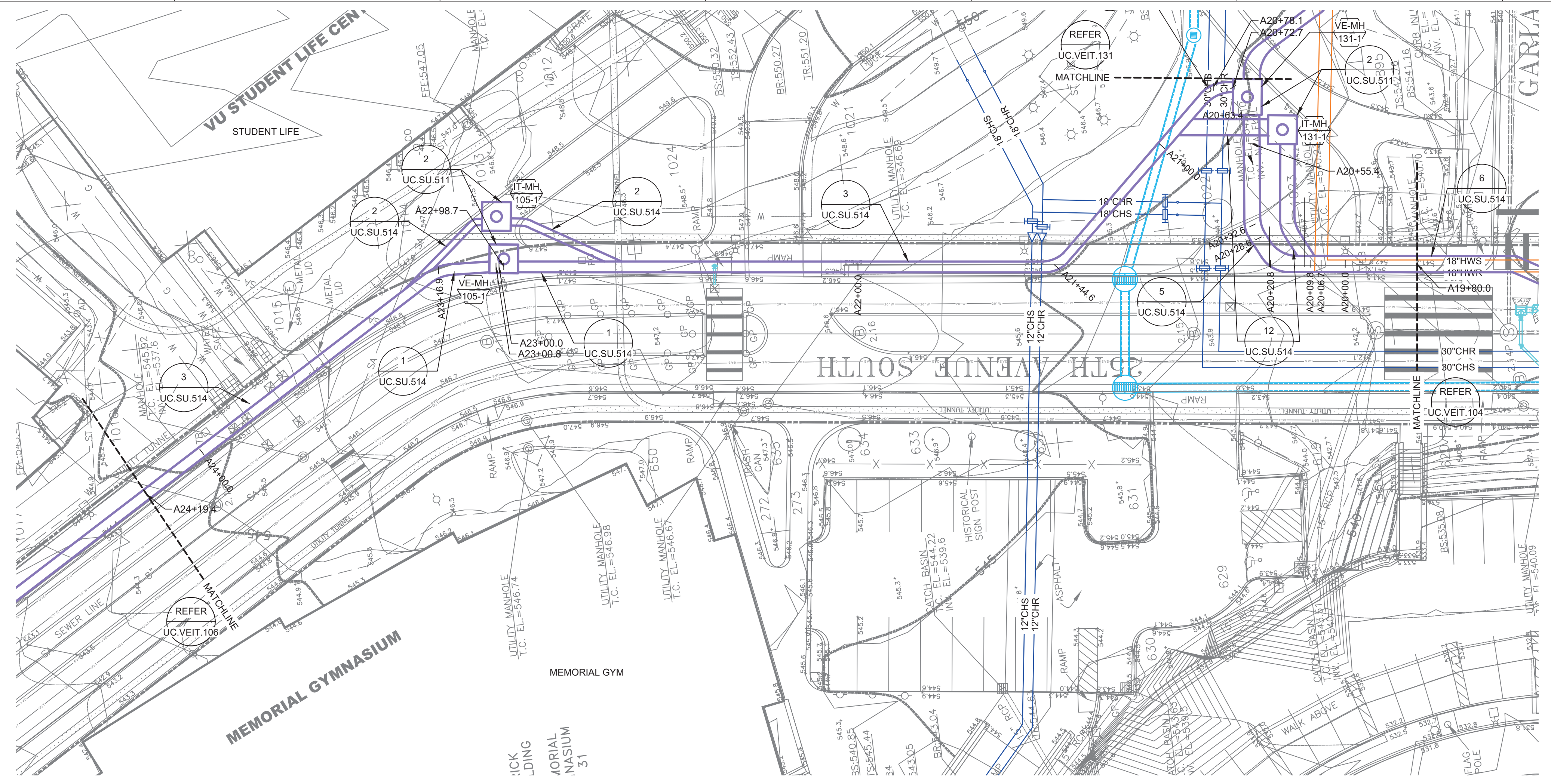
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Project No.  
20566-01

Checked By  
BHB

**1 VU ELECTRIC PARTIAL PLAN AND PROFILE**  
SCALE: 1" = 20'-0" HORIZONTAL  
1" = 5'-0" VERTICAL  
1" = 20'-0" SITE

Sheet No.  
**UC.VEIT.104**



Sheet Keynotes:

Rev	Date	Description of Issue
D	01/20/23	CONSTRUCTION DOCUMENTS
C	10/07/22	DD BID - ADDENDUM 1
B	09/16/22	DESIGN DEVELOPMENT
A	02/25/22	SCHEMATIC DESIGN

Project



**VANDERBILT UNIVERSITY**  
 CENTRAL UTILITIES INITIATIVE  
 UTILITY CORRIDORS (UC)

Sheet Title  
**VU ELECTRIC PARTIAL PLAN AND PROFILE**

Scale  
 AS NOTED

Date: 02/25/22  
 Drawn By: TJN

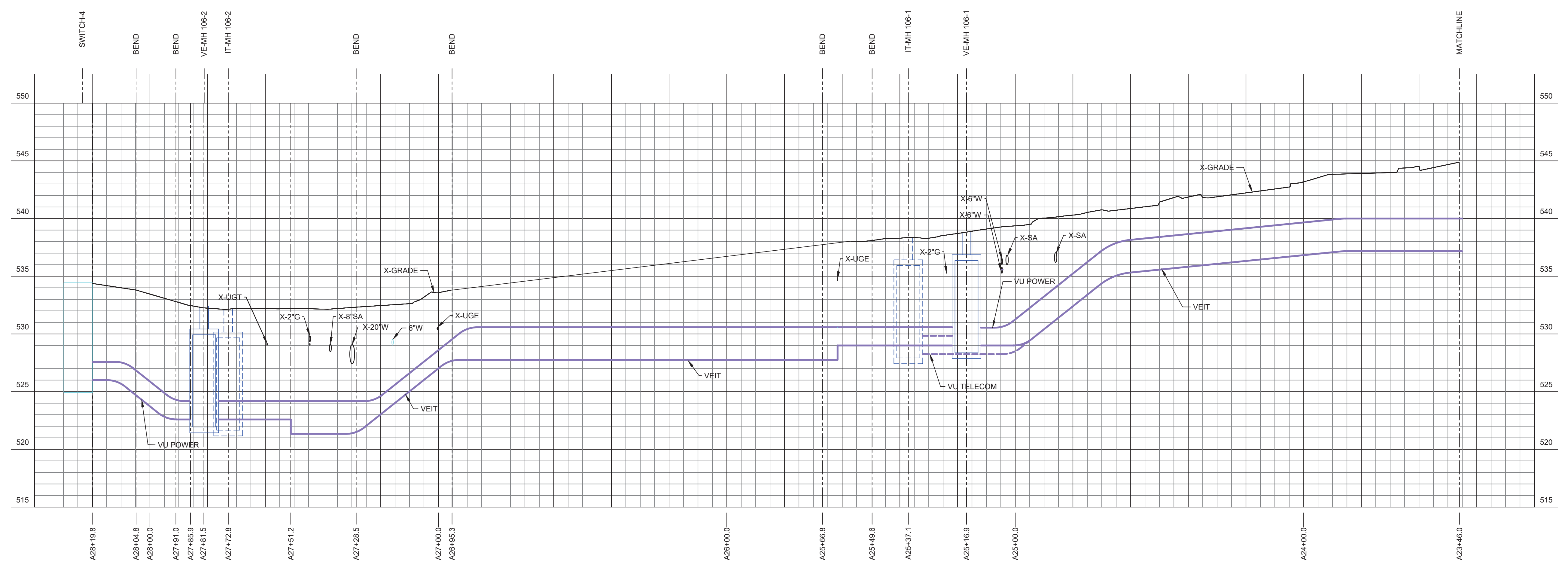
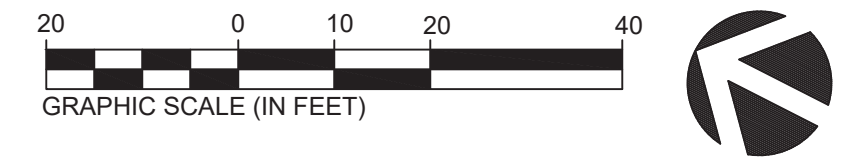
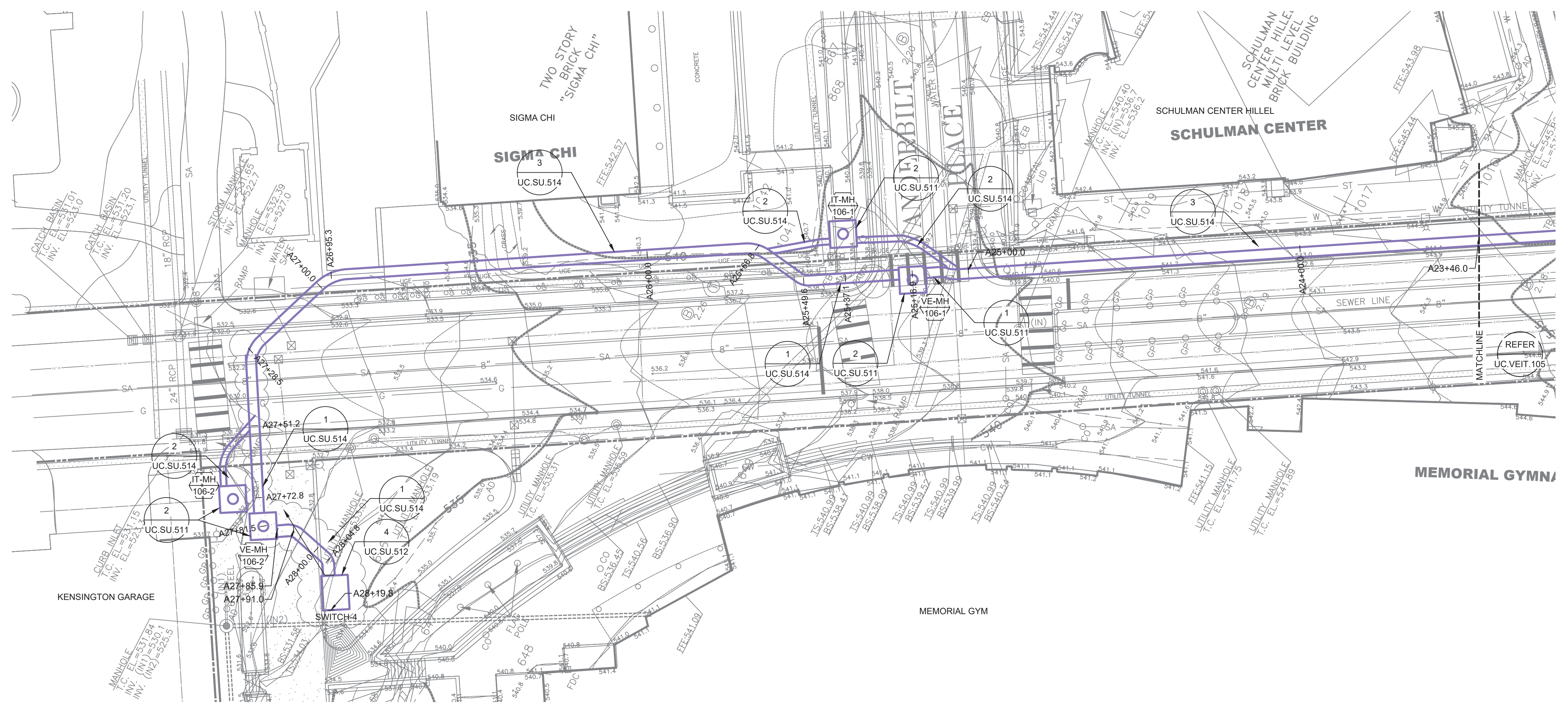
Project No: 20566-01  
 Checked By: BHB

Sheet No.  
**UC.VEIT.105**

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Sheet Keynotes:

Rev	Date	Description of Issue
D	01/20/23	CONSTRUCTION DOCUMENTS
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B	09/16/22	DESIGN DEVELOPMENT
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Project



**VANDERBILT UNIVERSITY**  
CENTRAL UTILITIES INITIATIVE  
UTILITY CORRIDORS (UC)

Sheet Title  
**VU ELECTRIC PARTIAL PLAN AND PROFILE**

Scale  
AS NOTED

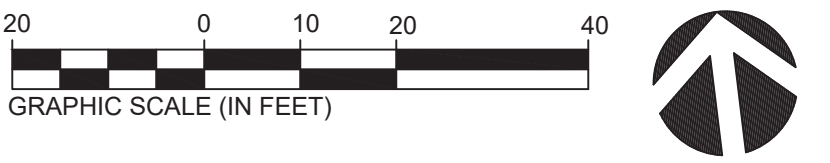
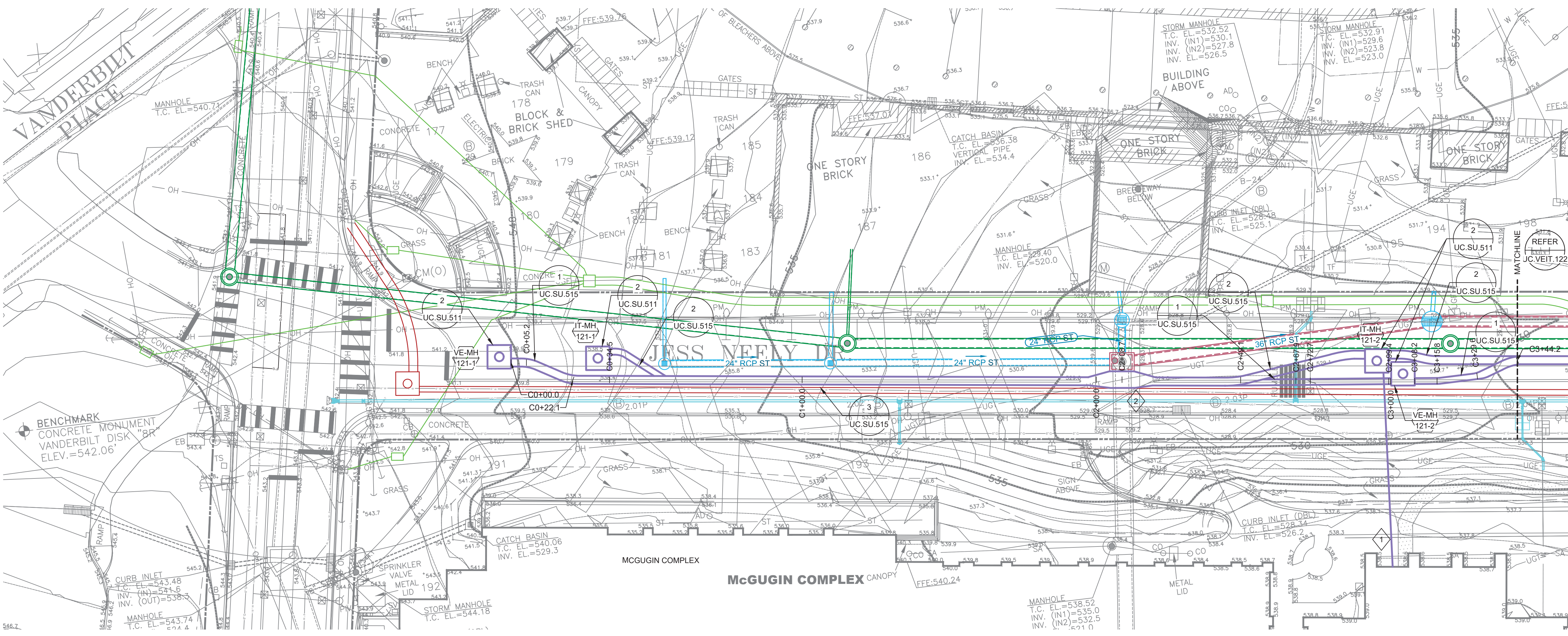
Date: 02/25/22  
Drawn By: TJN

Project No.: 20566-01  
Checked By: BJP

**1 VU ELECTRIC PARTIAL PLAN AND PROFILE**  
SCALE: 1" = 20'-0" HORIZONTAL  
1" = 5'-0" VERTICAL  
1" = 20'-0" SITE

Sheet No.  
**UC.VEIT.106**

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- Sheet Keynotes:
- 1 PROVIDE (2) 4" FC FROM IT-MH-121-2 TO EXISTING MCGUGIN TELECOM ROOM FOR FIBER OPTIC CABLING (REFER TO UC.E.431).
  - 2 FLATTEN DUCTBANK TO TWO CONDUIT HIGH BY TEN CONDUIT ACROSS AT THIS LOCATION TO CROSS OVER EXISTING UTILITY. GRADUALLY TRANSITION TO TAGGED DUCTBANK SECTION OVER NO LESS THAN 10' TO EITHER SIDE OF EXISTING UTILITY.

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Project



**VANDERBILT UNIVERSITY**  
 CENTRAL UTILITIES INITIATIVE  
 UTILITY CORRIDORS (UC)

Sheet Title  
**VU ELECTRIC PARTIAL PLAN AND PROFILE**

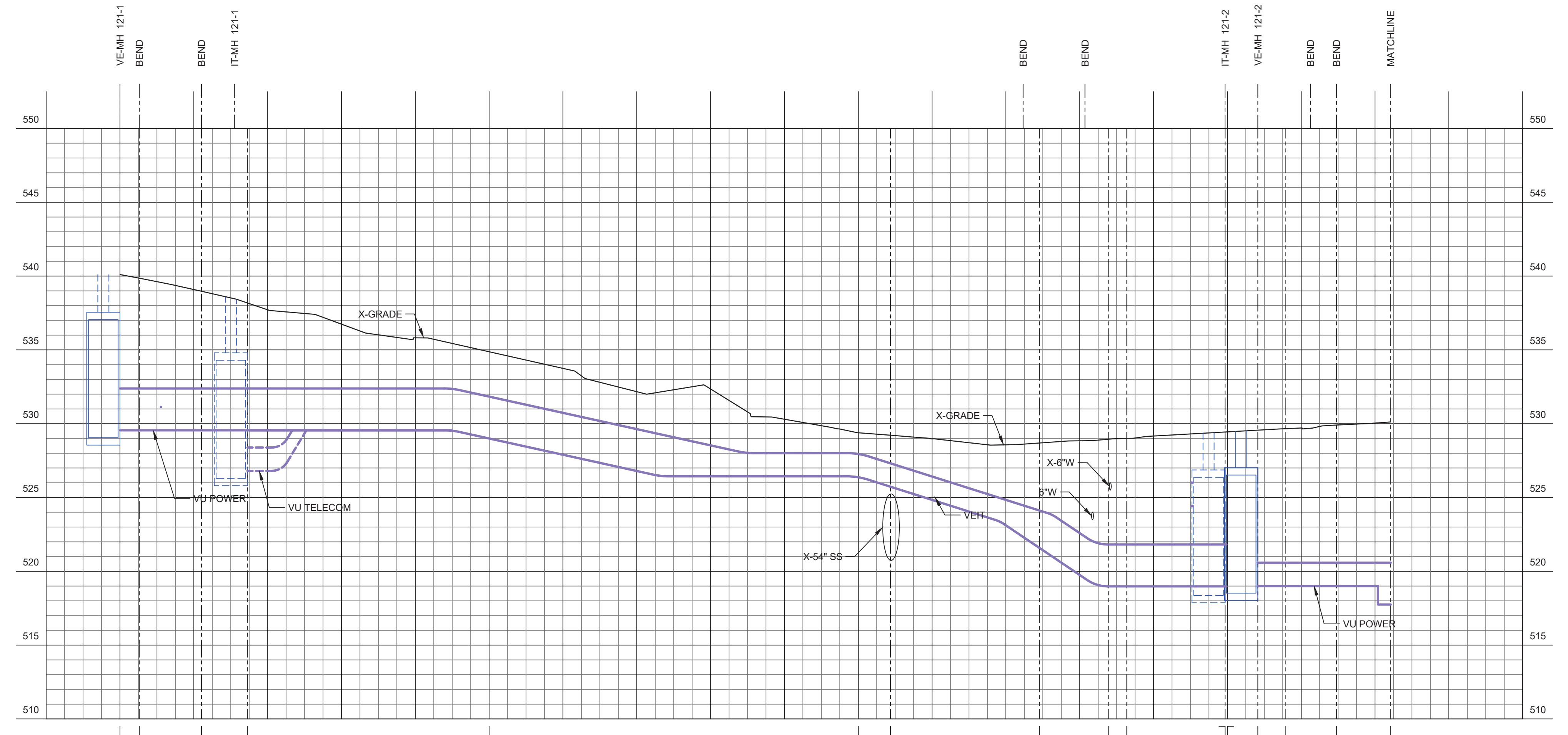
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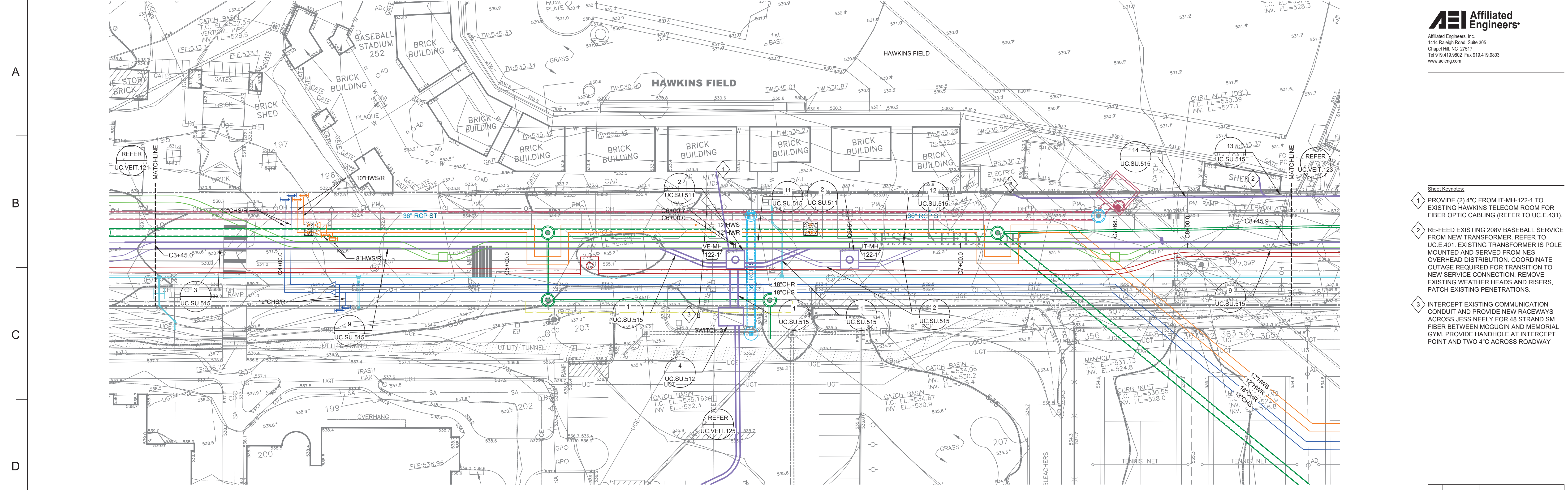
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Project No.  
 20566-01

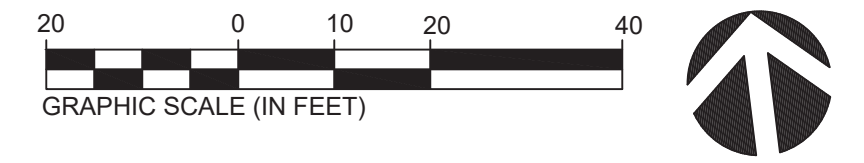
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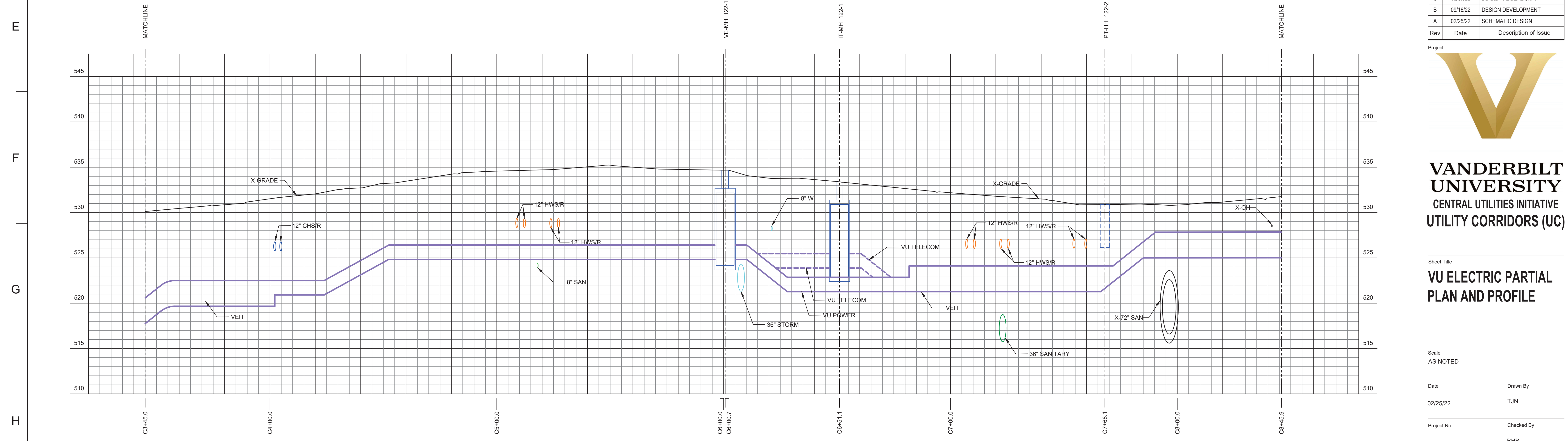
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- Sheet Keynotes:
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**VANDERBILT UNIVERSITY**  
 CENTRAL UTILITIES INITIATIVE  
 UTILITY CORRIDORS (UC)

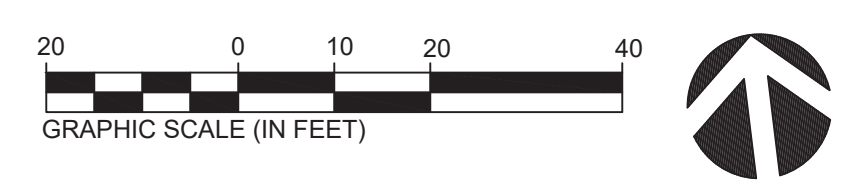
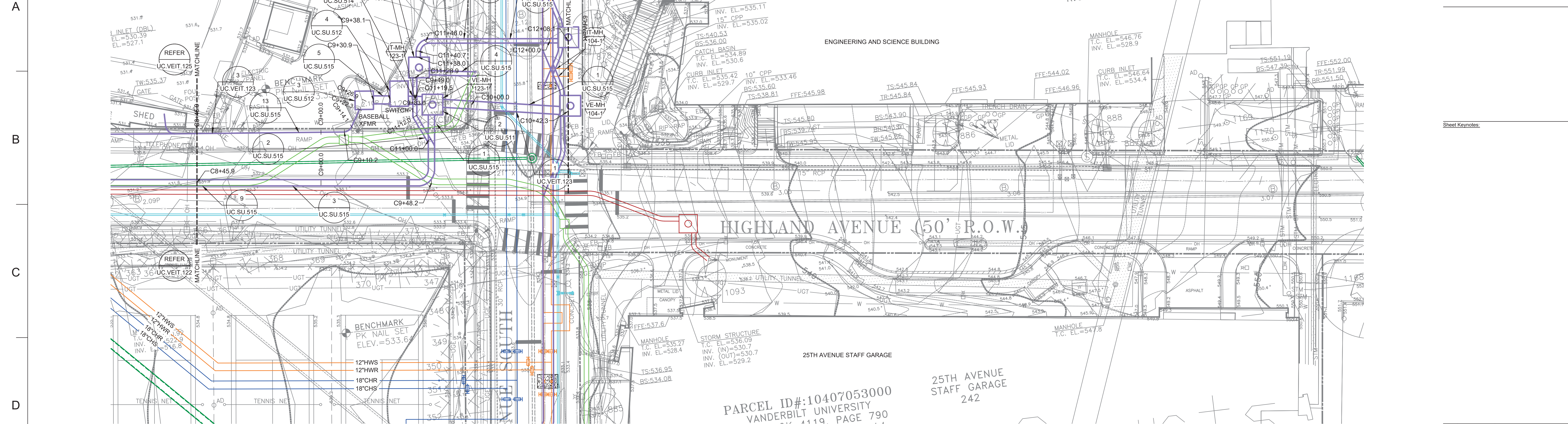
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**VU ELECTRIC PARTIAL PLAN AND PROFILE**

Scale  
 AS NOTED

Date	Drawn By
02/25/22	TJN
Project No.	Checked By
20566-01	BHB

**1 VU ELECTRIC PARTIAL PLAN AND PROFILE**  
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 1" = 20'-0" SITE

PARCEL ID#:104004000100  
 VANDERBILT UNIVERSITY  
 DEED BOOK 6491, PAGE 286  
 R.O.D.C., TN



Sheet Keynotes:

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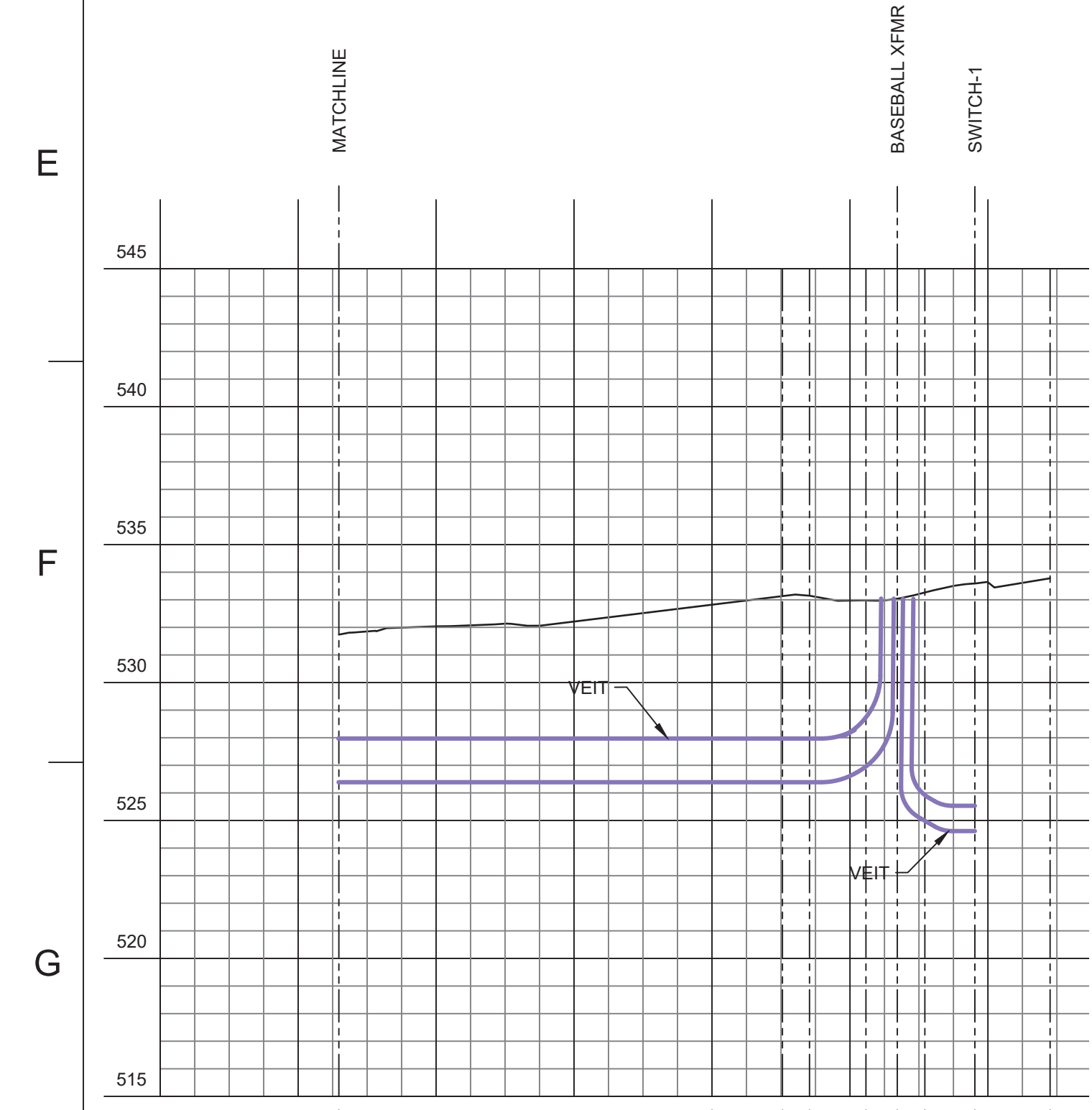
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 CENTRAL UTILITIES INITIATIVE  
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Sheet Title  
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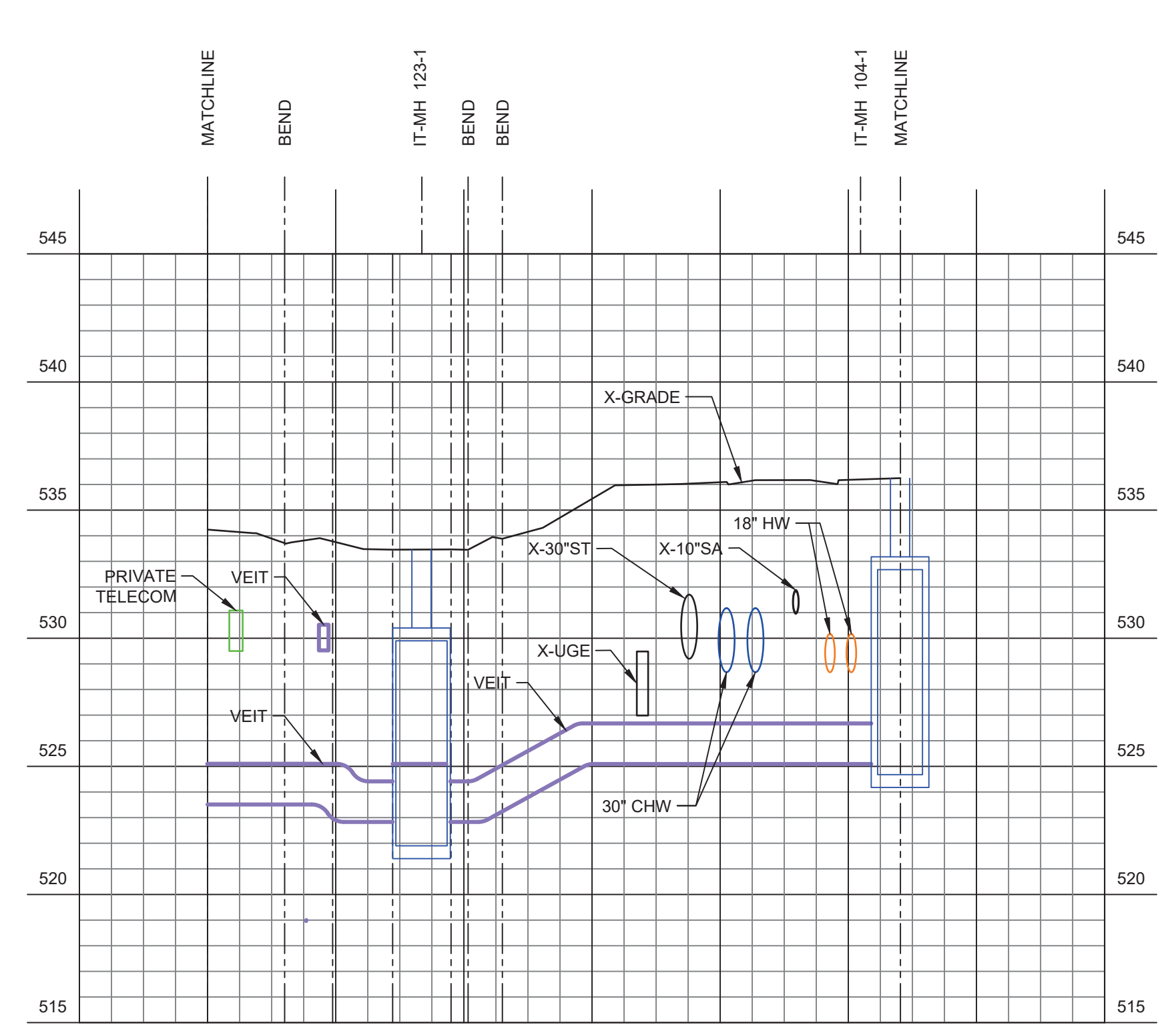
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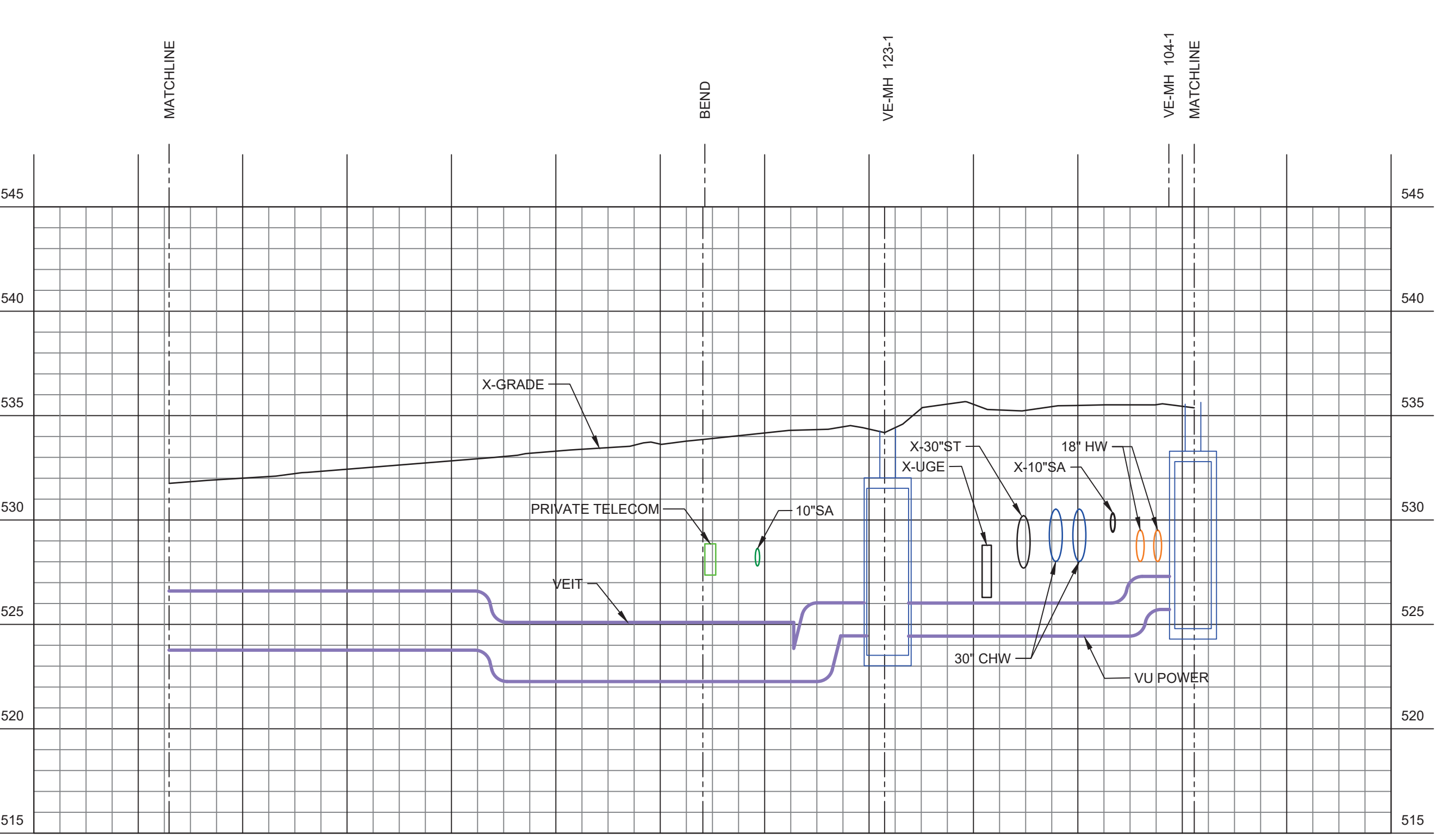
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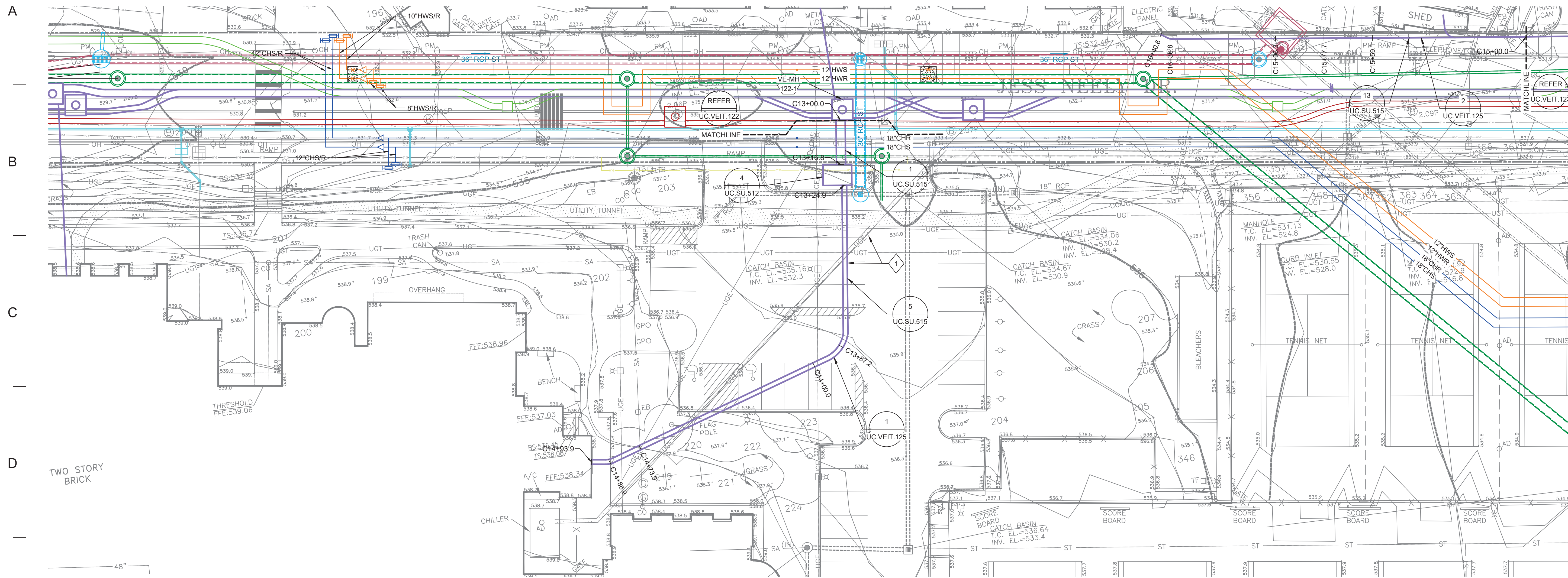
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 1"=20'-0" SITE



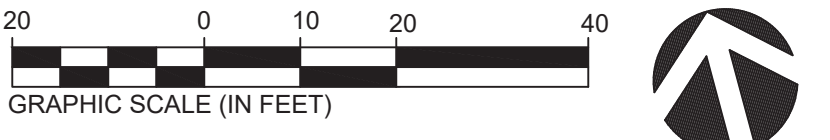
**2** VU TELECOM  
 SCALE: 1"=20'-0" HORIZONTAL  
 1"=5'-0" VERTICAL  
 1"=20'-0" SITE



**1** VU ELECTRIC PARTIAL PLAN AND PROFILE  
 SCALE: 1"=20'-0" HORIZONTAL  
 1"=5'-0" VERTICAL  
 1"=20'-0" SITE



**Sheet Keynotes:**  
 1 EXISTING DUCTBANK COULD NOT BE ACCURATELY LOCATED DURING DESIGN. LOCATE EXISTING MEDIUM VOLTAGE DUCTBANK SERVING MCGUGIN. INTERCEPT EXISTING 13.8KV DUCTBANK WITH NEW 6'X6' PRECAST MAN HOLE. DEMOLISH EXISTING MEDIUM VOLTAGE CABLING AND FEED EXISTING TRANSFORMER SERVING MCGUGIN FROM NEW SWITCH. REFER TO UC.E.402. EXISTING TRANSFORMER IS SERVED FROM EXISTING VU SWITCH. COORDINATE OUTAGE REQUIRED FOR RE-CONNECTION TO VU 13.8KV POWER SYSTEM WITH OWNER. PROVIDE 500KW TEMPORARY GENERATOR TO SUPPORT BUILDING FUNCTIONALITY DURING TRANSITION.



Rev	Date	Description of Issue
B	01/20/23	CONSTRUCTION DOCUMENTS
A	10/07/22	DD BID - ADDENDUM 1



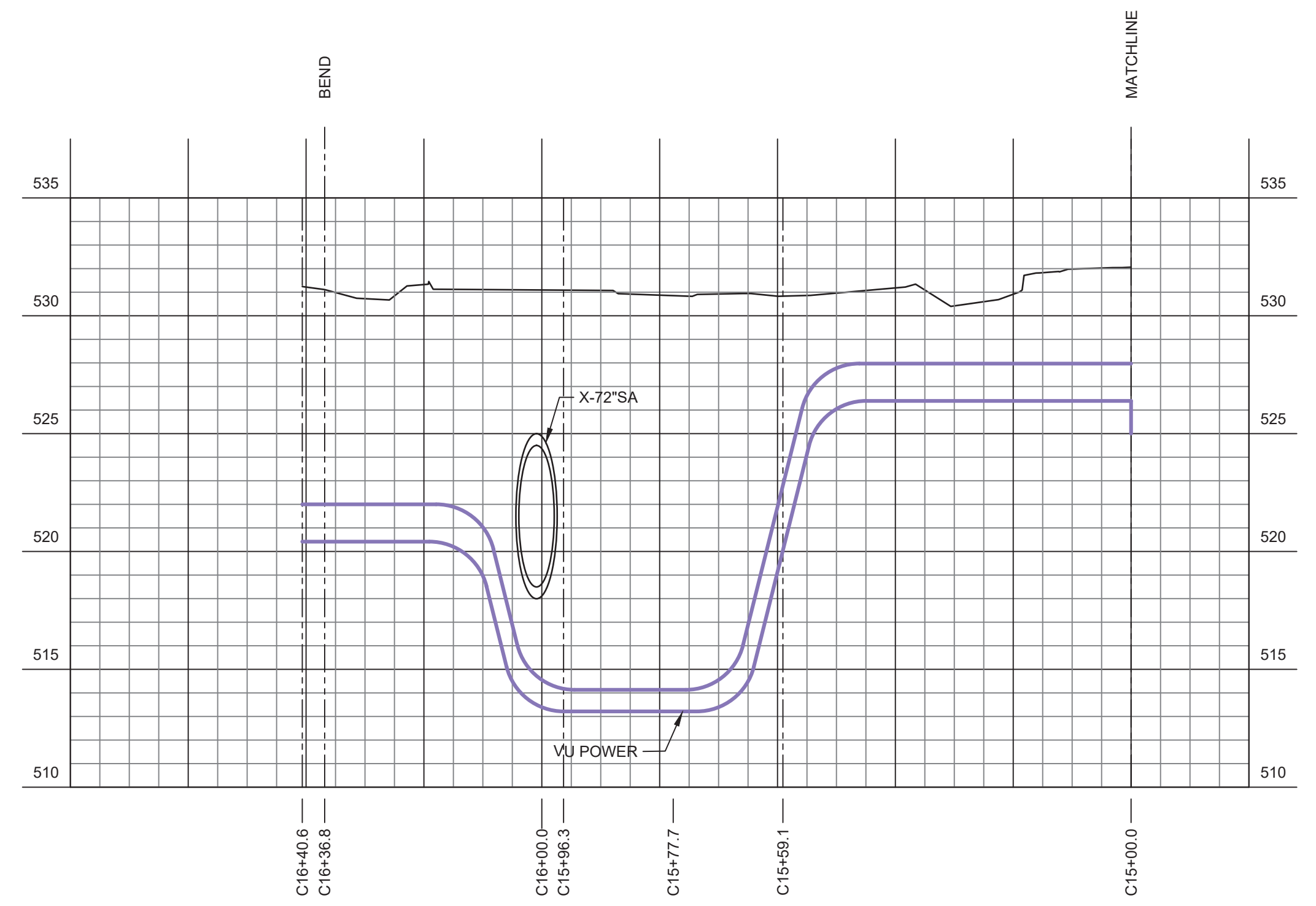
**VANDERBILT UNIVERSITY**  
 CENTRAL UTILITIES INITIATIVE  
 UTILITY CORRIDORS (UC)

Sheet Title  
**VU ELECTRIC PARTIAL PLAN AND PROFILE**

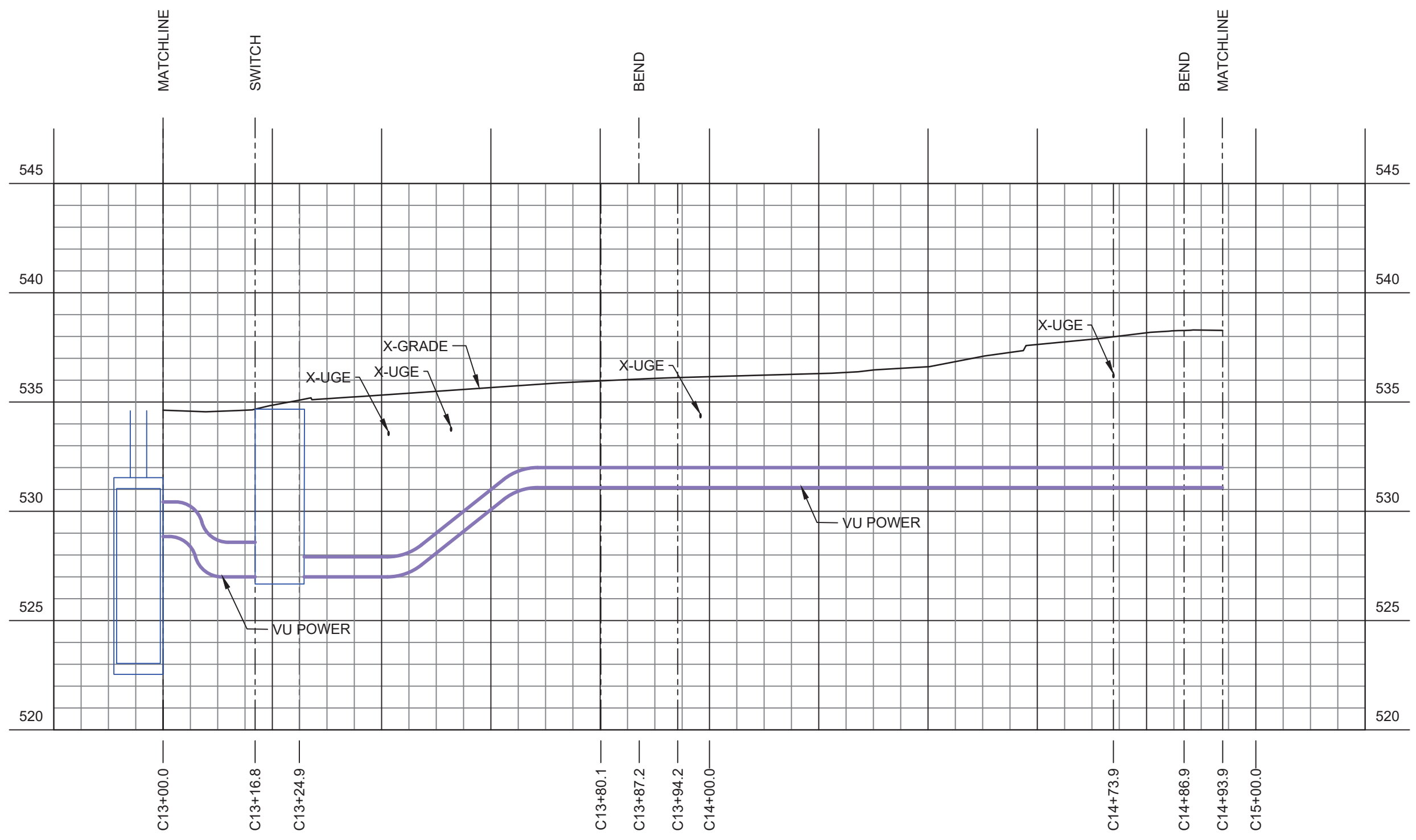
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 AS NOTED

Date	Drawn By
02/25/22	TJN
Project No.	Checked By
20566-01	BHB

Sheet No.  
**UC.VEIT.125**

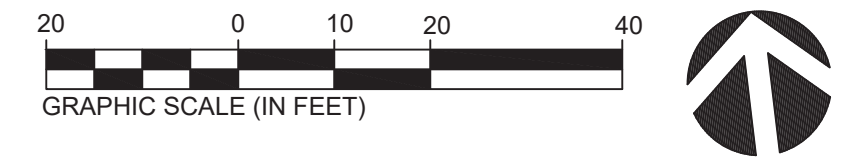
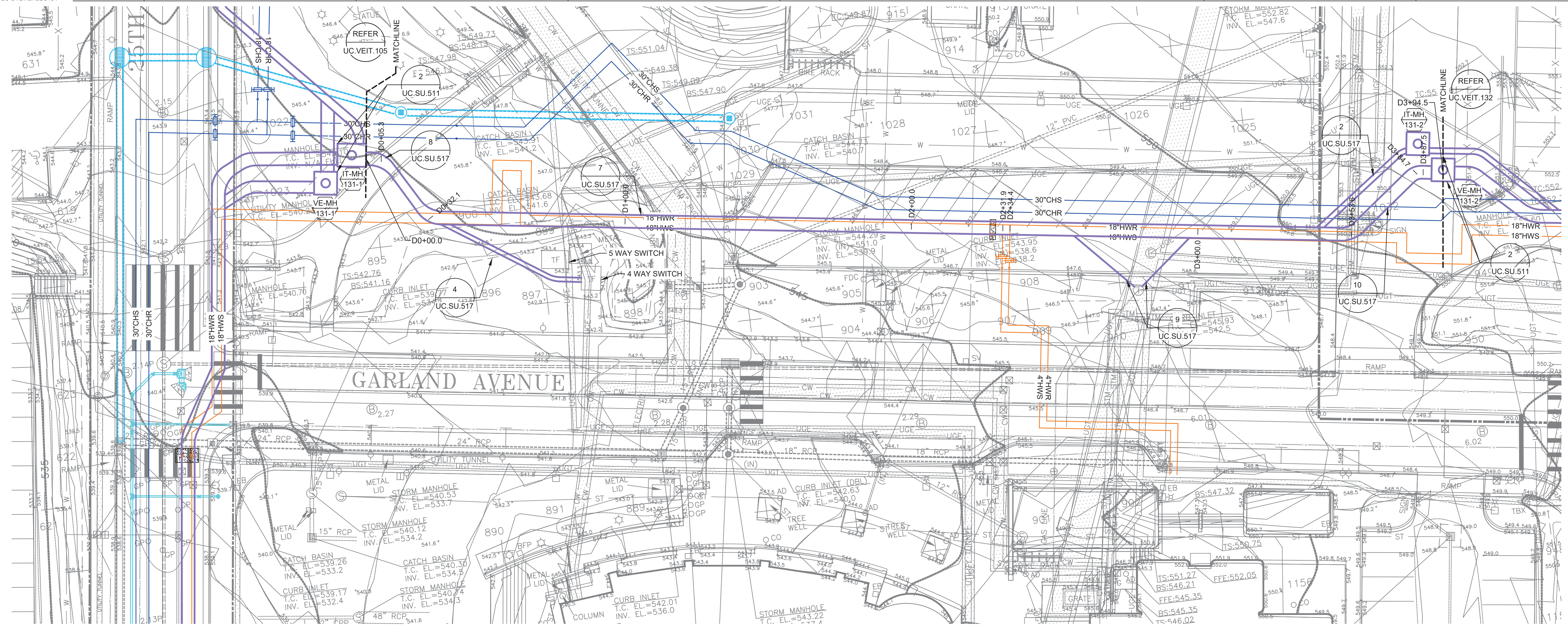


**2 VU ELECTRIC PARTIAL PLAN AND PROFILE**  
 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE



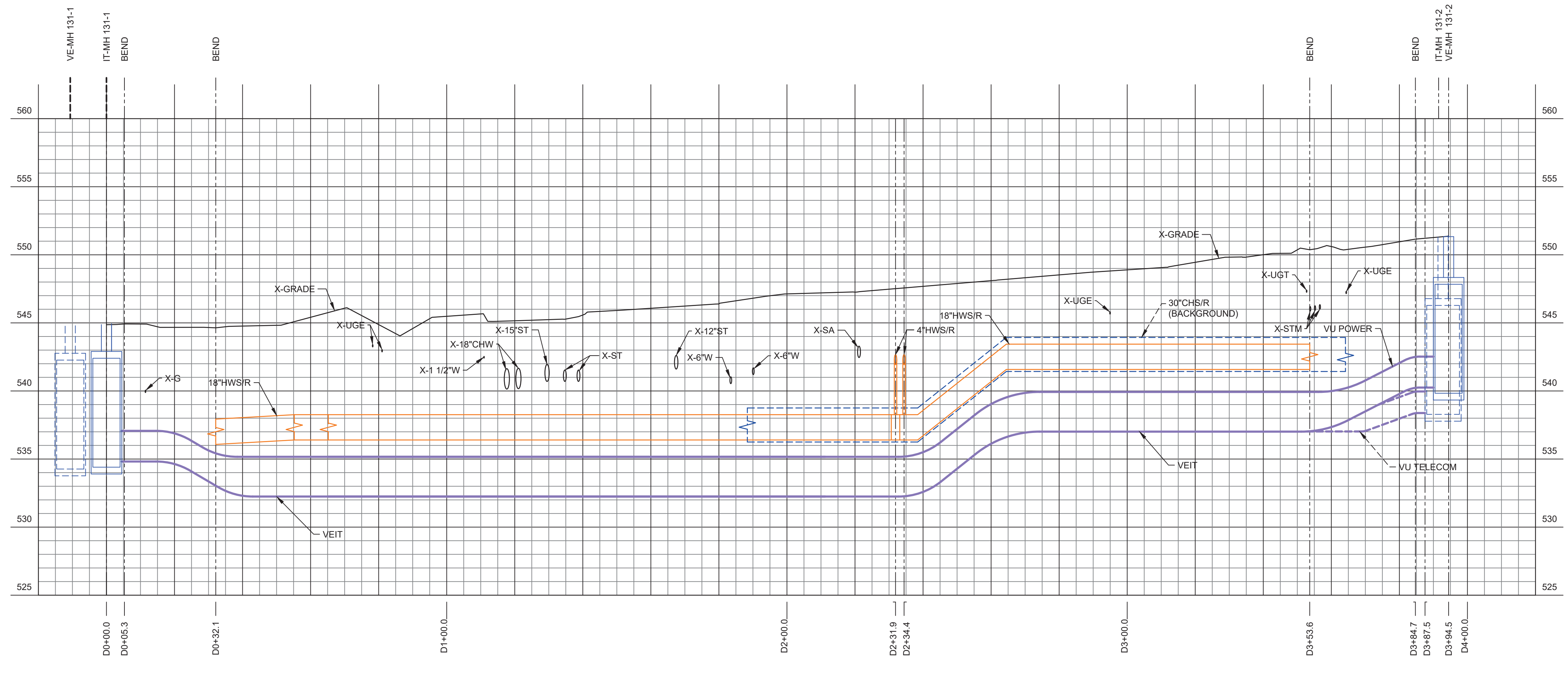
**1 VU ELECTRIC PARTIAL PLAN AND PROFILE**  
 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE

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Sheet Keynotes:

Rev	Date	Description of Issue
E	01/20/23	CONSTRUCTION DOCUMENTS
D	10/17/22	DD BID - ADDENDUM 2
C	10/07/22	DD BID - ADDENDUM 1
B	09/16/22	DESIGN DEVELOPMENT
A	02/25/22	SCHEMATIC DESIGN



Project



**VANDERBILT UNIVERSITY**  
 CENTRAL UTILITIES INITIATIVE  
 UTILITY CORRIDORS (UC)

Sheet Title  
**VU ELECTRIC PARTIAL PLAN AND PROFILE**

Scale  
 AS NOTED

Date  
 02/25/22

Drawn By  
 TJN

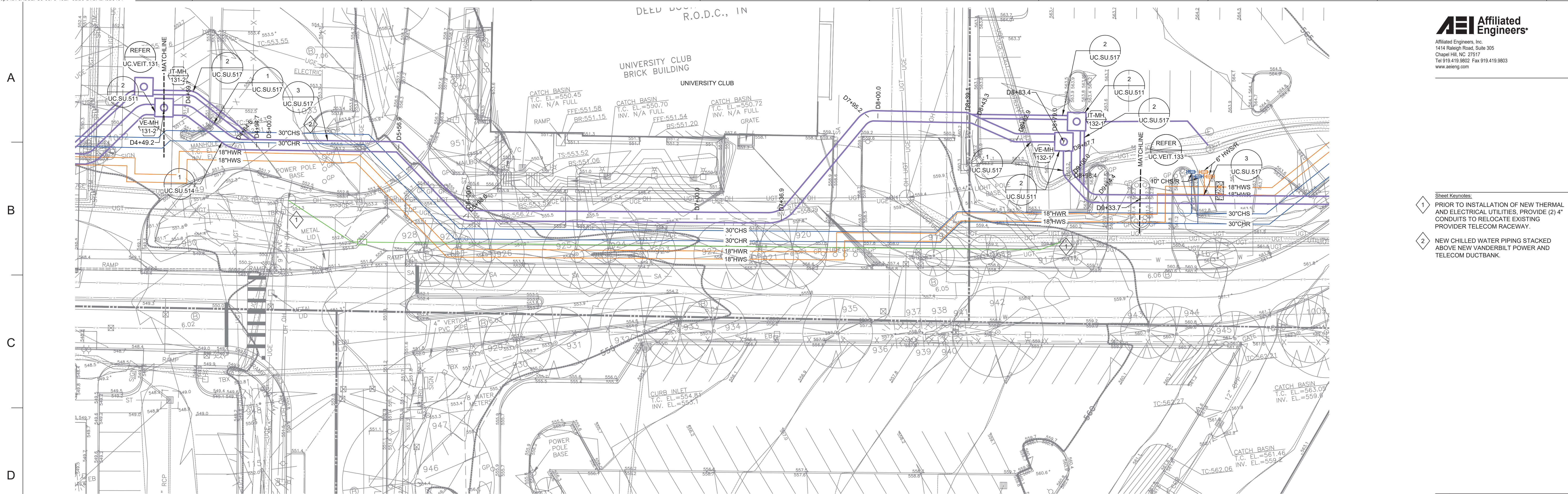
Project No.  
 20566-01

Checked By  
 BHB

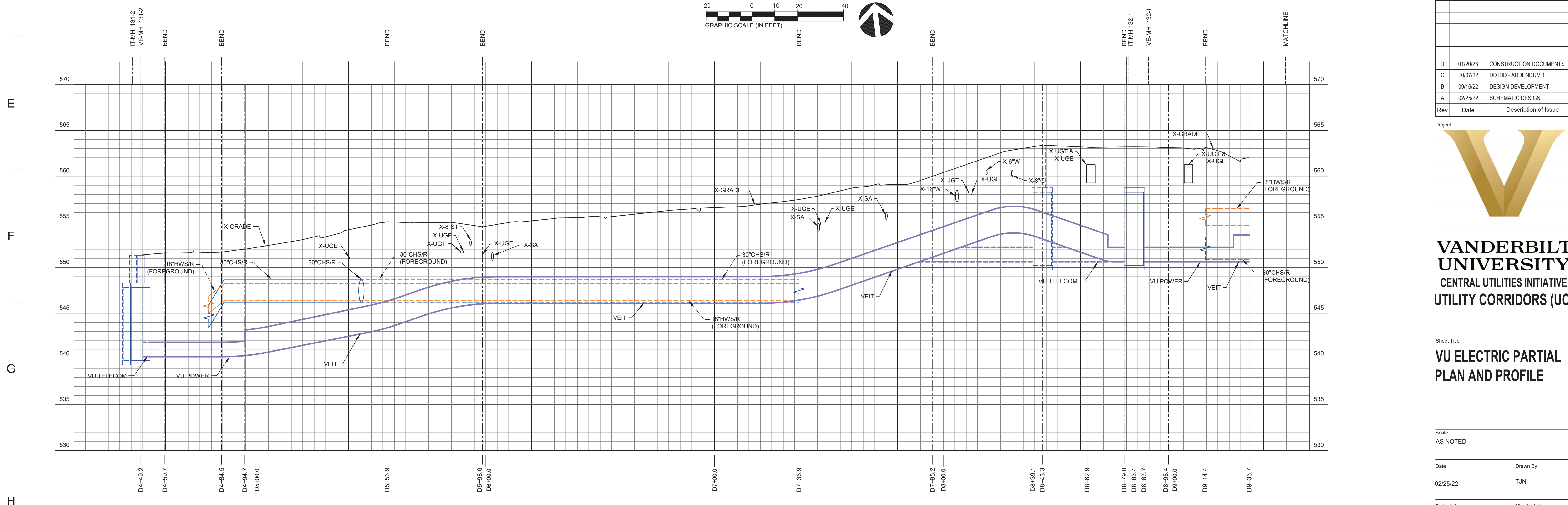
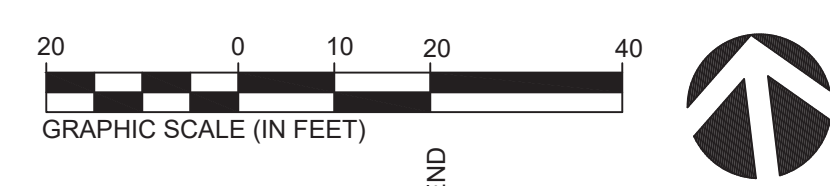
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 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE

Sheet No.  
**UC.VEIT.131**





- Sheet Keynotes:
- 1 PRIOR TO INSTALLATION OF NEW THERMAL AND ELECTRICAL UTILITIES, PROVIDE (2) 4" CONDUITS TO RELOCATE EXISTING PROVIDER TELECOM RACEWAY.
  - 2 NEW CHILLED WATER PIPING STACKED ABOVE NEW VANDERBILT POWER AND TELECOM DUCTBANK.



Rev	Date	Description of Issue
D	01/20/23	CONSTRUCTION DOCUMENTS
C	10/07/22	DD BID - ADDENDUM 1
B	09/16/22	DESIGN DEVELOPMENT
A	02/25/22	SCHEMATIC DESIGN



Sheet Title  
**VU ELECTRIC PARTIAL PLAN AND PROFILE**

Scale  
 AS NOTED

Date  
 02/25/22

Drawn By  
 TJN

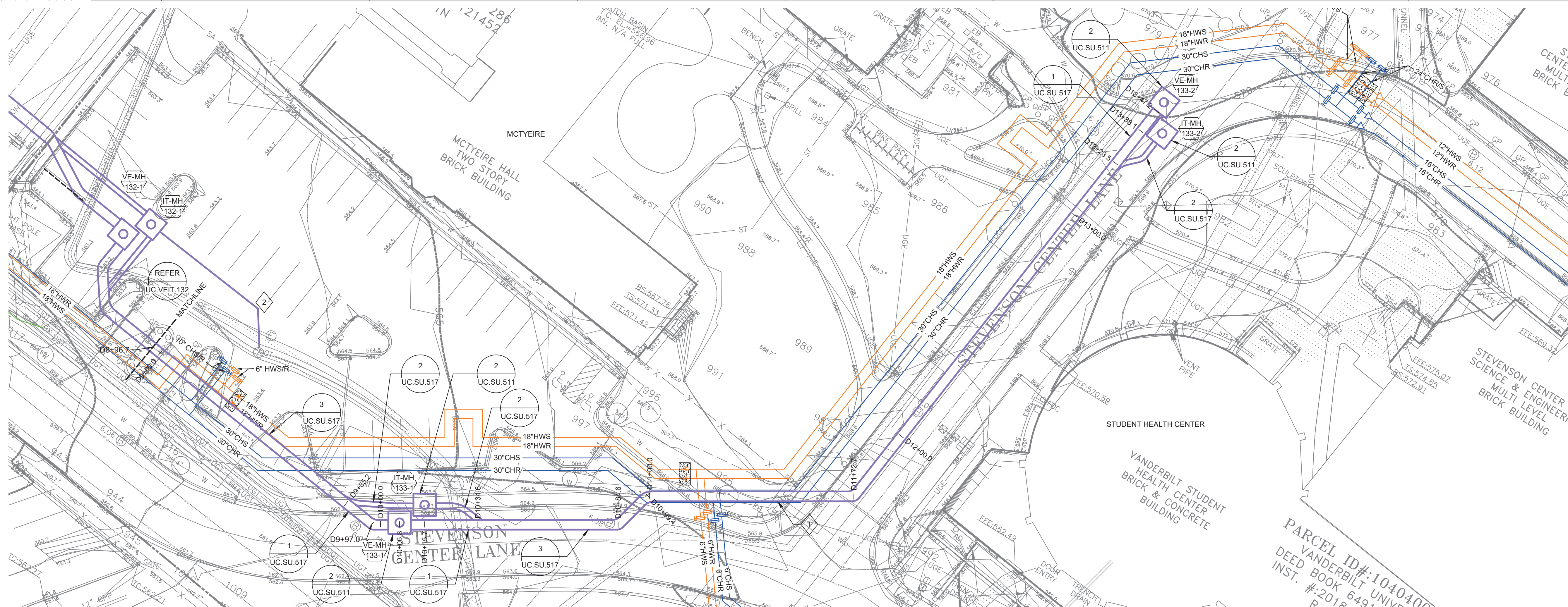
Project No.  
 20566-01

Checked By  
 BJP

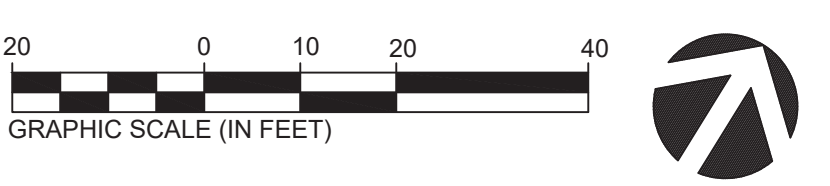
**1 VU ELECTRIC PARTIAL PLAN AND PROFILE**  
 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE

Sheet No.  
**UC.VEIT.132**

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- Sheet Keynotes:
- 1 NEW CHILLED WATER PIPING STACKED ABOVE NEW VANDERBILT POWER AND TELECOM DUCTBANK.
  - 2 PROVIDE (2) 4" FROM IT-MH-132-1 TO EXISTING TELECOM MANHOLE FOR FIBER OPTIC CABLING FROM MRB4 TO CRYSTAL TERRACE (REFER TO UC.E.431).



Rev	Date	Description of Issue
D	01/20/23	CONSTRUCTION DOCUMENTS
C	10/07/22	DD BID - ADDENDUM 1
B	09/16/22	DESIGN DEVELOPMENT
A	02/25/22	SCHEMATIC DESIGN

Project



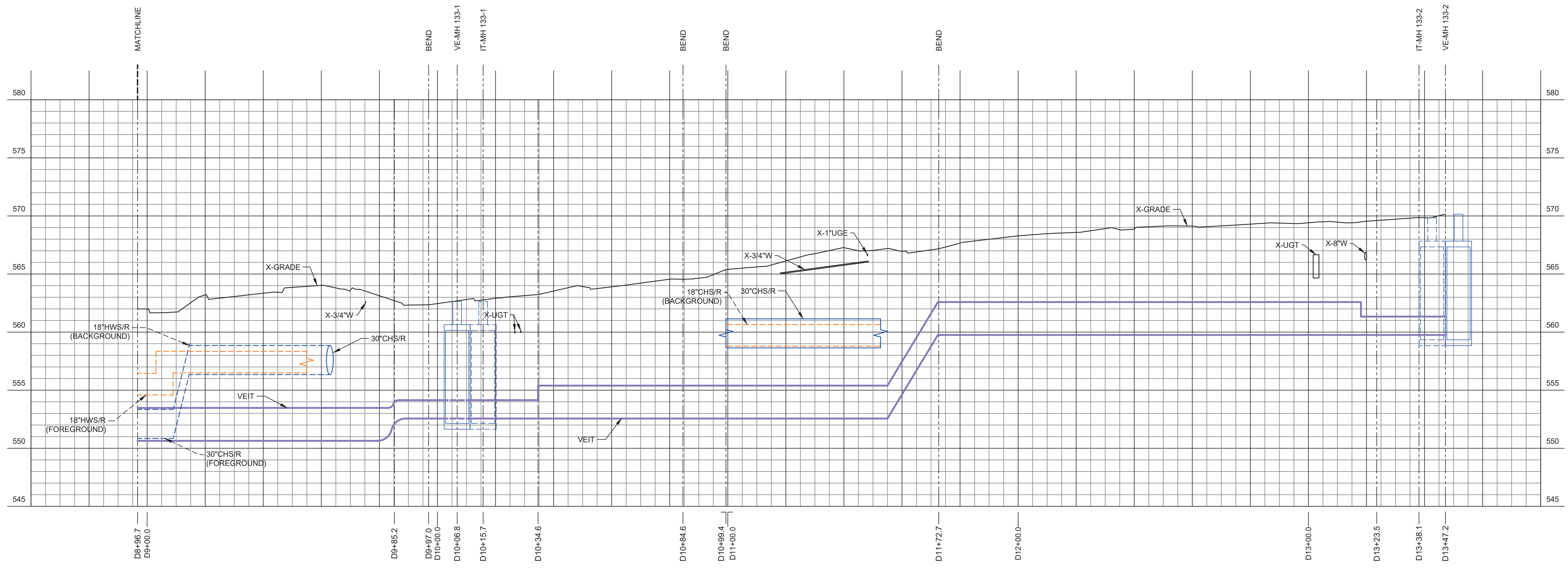
**VANDERBILT UNIVERSITY**  
CENTRAL UTILITIES INITIATIVE  
UTILITY CORRIDORS (UC)

Sheet Title  
**VU ELECTRIC PARTIAL PLAN AND PROFILE**

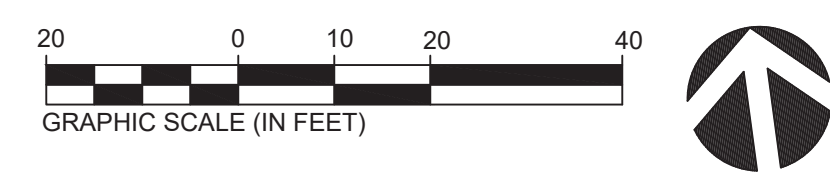
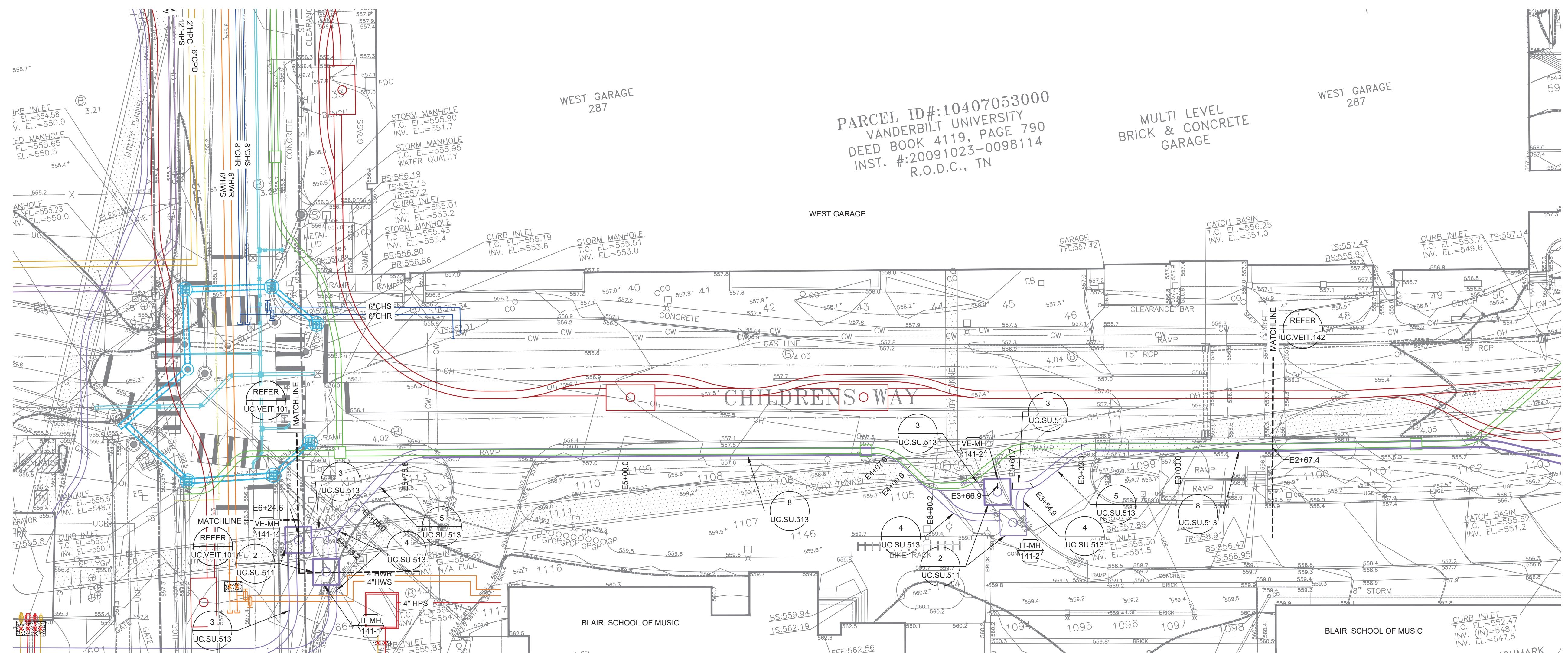
Scale  
AS NOTED

Date	Drawn By
02/25/22	TJN
Project No.	Checked By
20566-01	BHB

Sheet No.  
**UC.VEIT.133**



**1 VU ELECTRIC PARTIAL PLAN AND PROFILE**  
SCALE: 1" = 20'-0" HORIZONTAL  
1" = 5'-0" VERTICAL  
1" = 20'-0" SITE



Sheet Keynotes:

Rev	Date	Description of Issue
E	01/20/23	CONSTRUCTION DOCUMENTS
D	12/14/22	CD - CHILDRENS WAY
C	10/07/22	DD BID - ADDENDUM 1
B	09/16/22	DESIGN DEVELOPMENT
A	02/25/22	SCHEMATIC DESIGN

Project



**VANDERBILT UNIVERSITY**  
 CENTRAL UTILITIES INITIATIVE  
 UTILITY CORRIDORS (UC)

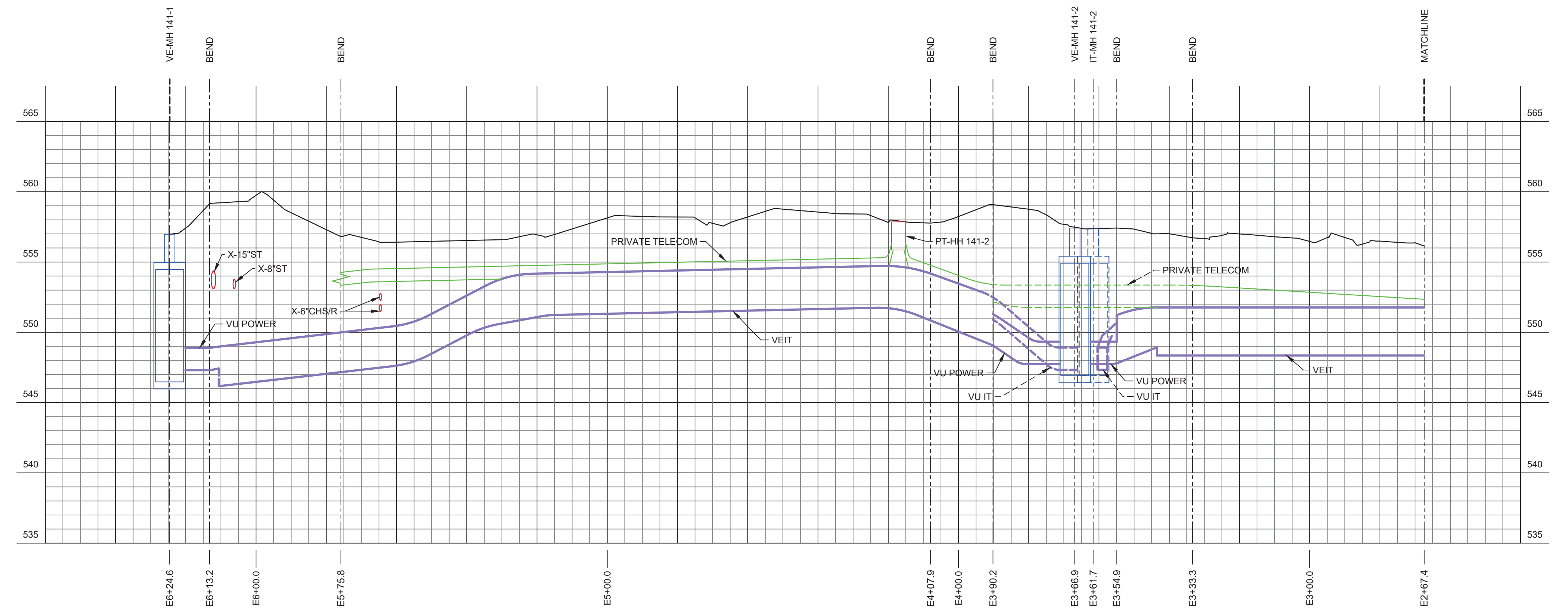
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Scale  
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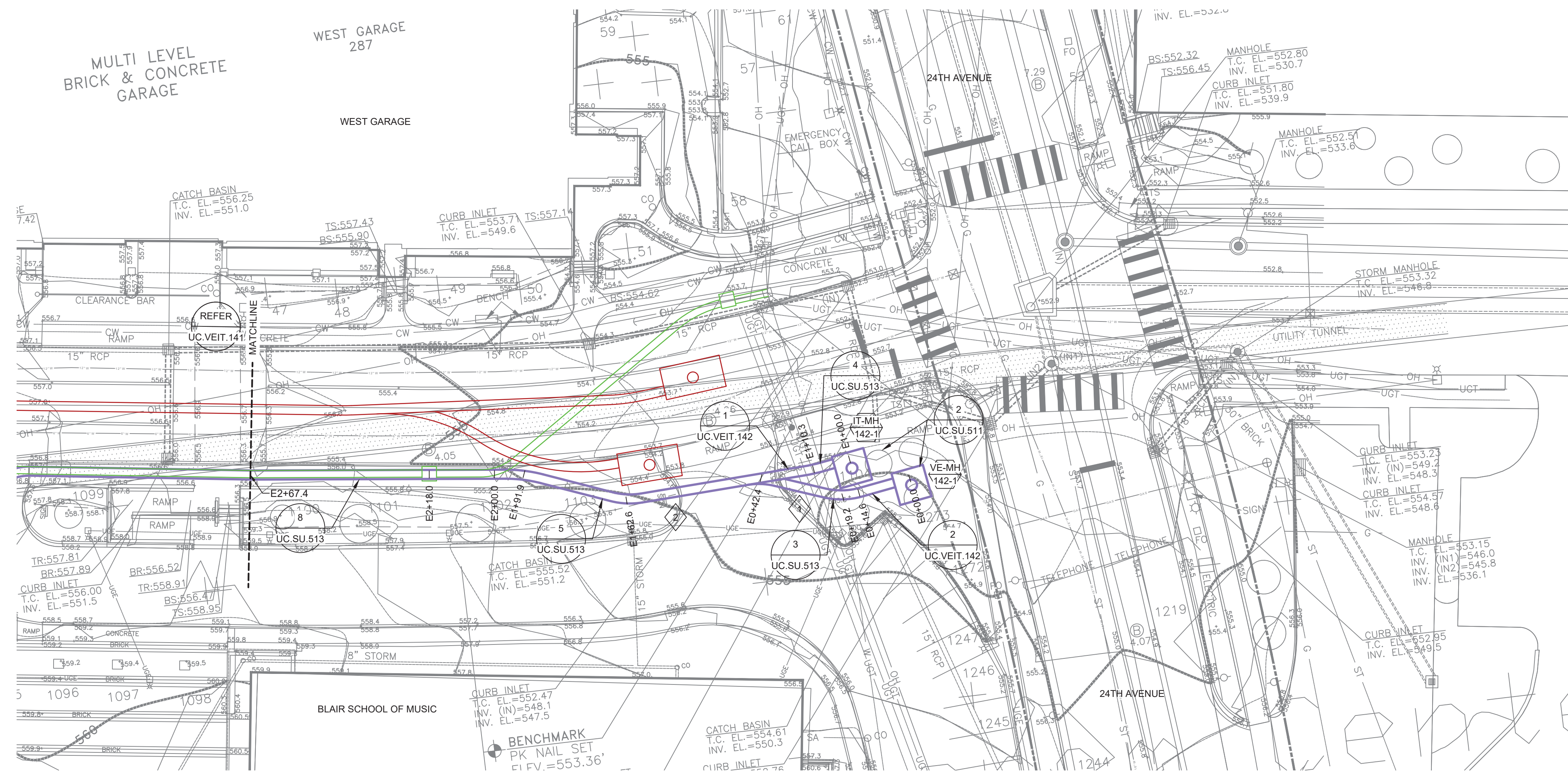
Date: 02/25/22  
 Drawn By: TJN

Project No: 20566-01  
 Checked By: BHB

Sheet No.  
**UC.VEIT.141**



**1 VU TELECOM PARTIAL PLAN AND PROFILE**  
 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE



- Sheet Keynotes:**
- 1 AT THE TIME OF ISSUANCE POTHOLE CONFIRMING LOCATION, DEPTH AND SIZE OF TELECOM DUCTBANK HAS NOT BEEN DUG. CONTRACTOR TO CONFIRM POTHOLE INFORMATION AND ADJUST DEPTH OF NEW VU POWER AND TELECOM DUCTBANKS ACCORDINGLY TO CROSS UNDERNEATH THE EXISTING DUCTBANK.
  - 2 REMOVE PARKING LOT EXIT SIGN PRIOR TO EXCAVATION AND SAFELY STORE UNTIL NEW DUCTBANKS HAVE BEEN BACKFILLED. REINSTALL SIGN TO MATCH EXISTING CONDITIONS.

Rev	Date	Description of Issue
E	01/20/23	CONSTRUCTION DOCUMENTS
D	12/14/22	CD - CHILDRENS WAY
C	10/07/22	DD BID - ADDENDUM 1
B	09/16/22	DESIGN DEVELOPMENT
A	02/25/22	SCHEMATIC DESIGN

Project



**VANDERBILT UNIVERSITY**  
 CENTRAL UTILITIES INITIATIVE  
 UTILITY CORRIDORS (UC)

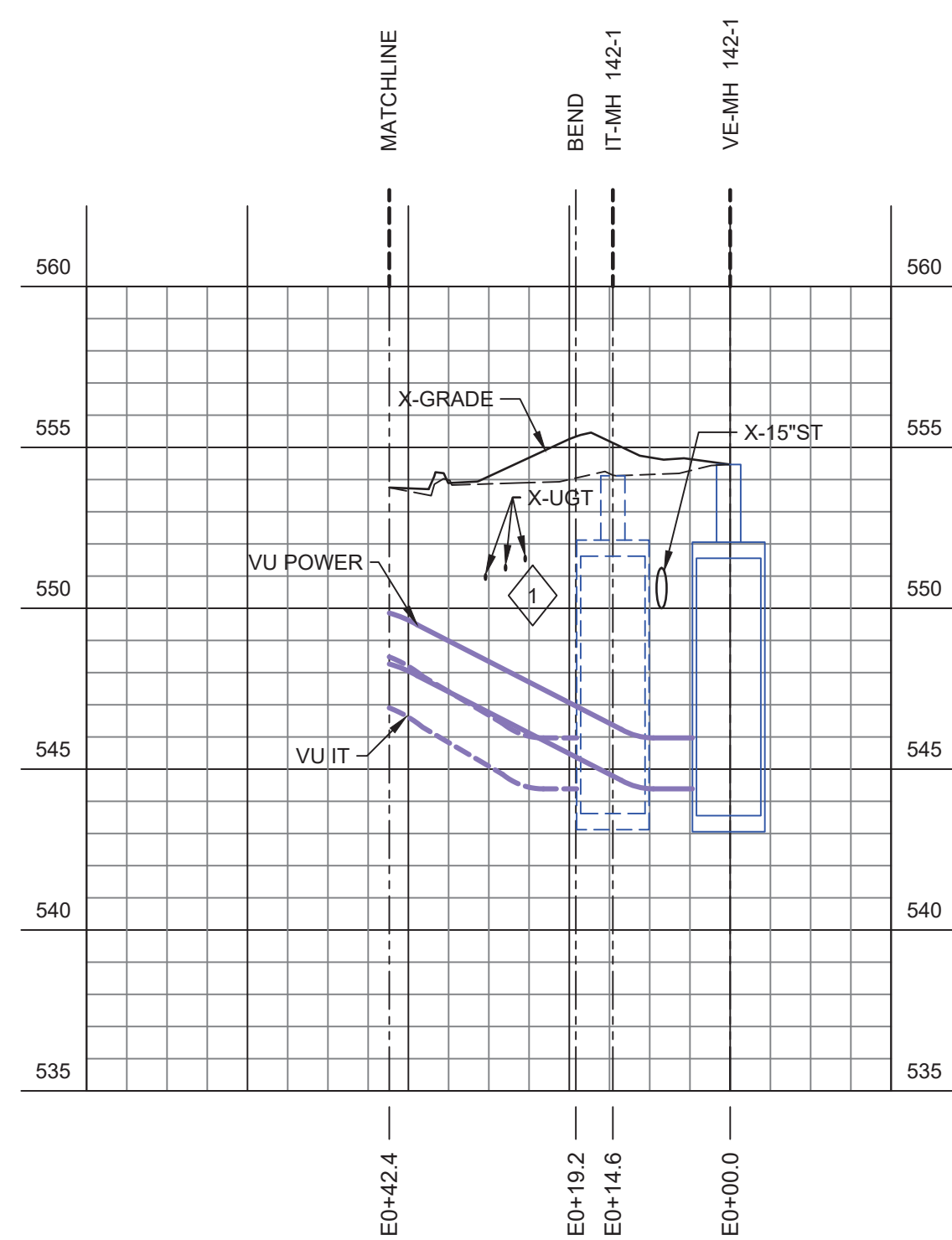
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Scale  
 AS NOTED

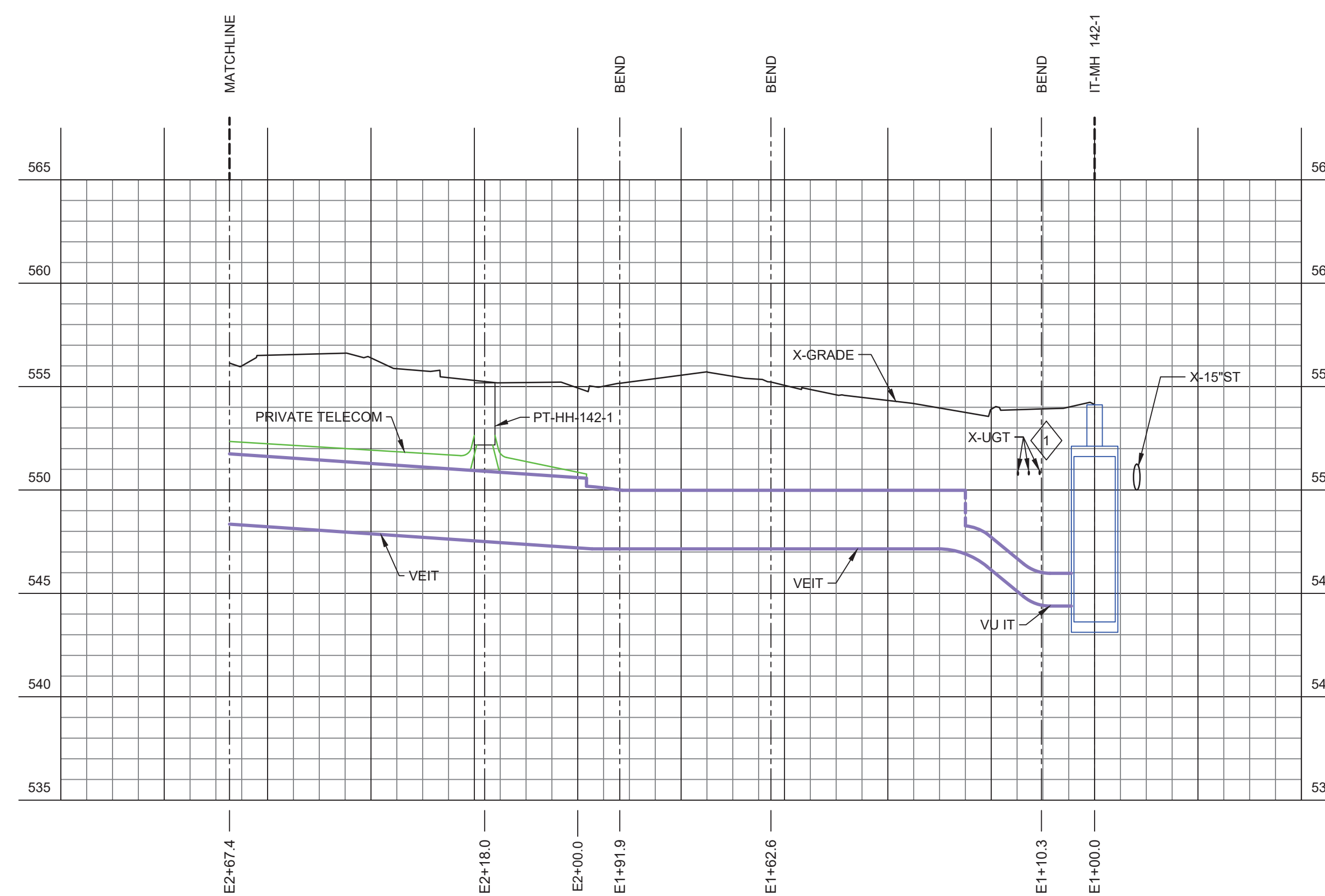
Date: 02/25/22  
 Drawn By: TJN

Project No.: 20566-01  
 Checked By: BHB

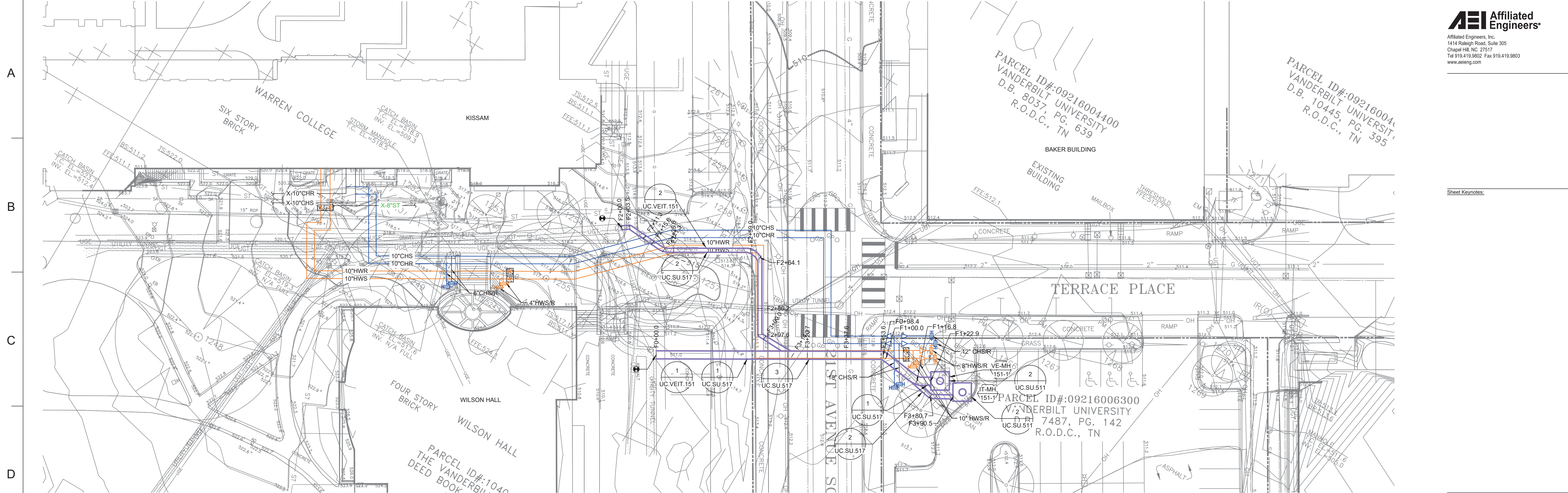
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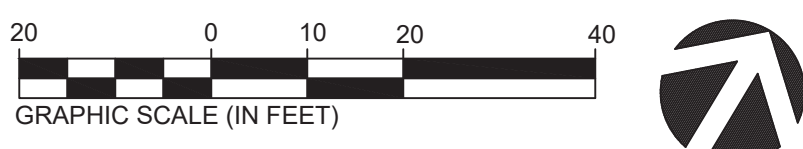
**2 VU ELECTRIC PARTIAL PLAN AND PROFILE**  
 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE



**1 VU TELECOM PARTIAL PLAN AND PROFILE**  
 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE



Sheet Keynotes:



Rev	Date	Description of Issue
C	01/20/23	CONSTRUCTION DOCUMENTS
B	09/16/22	DESIGN DEVELOPMENT
A	02/25/22	SCHEMATIC DESIGN

Project



**VANDERBILT UNIVERSITY**  
 CENTRAL UTILITIES INITIATIVE  
 UTILITY CORRIDORS (UC)

Sheet Title

**VU ELECTRIC PARTIAL PLAN AND PROFILE**

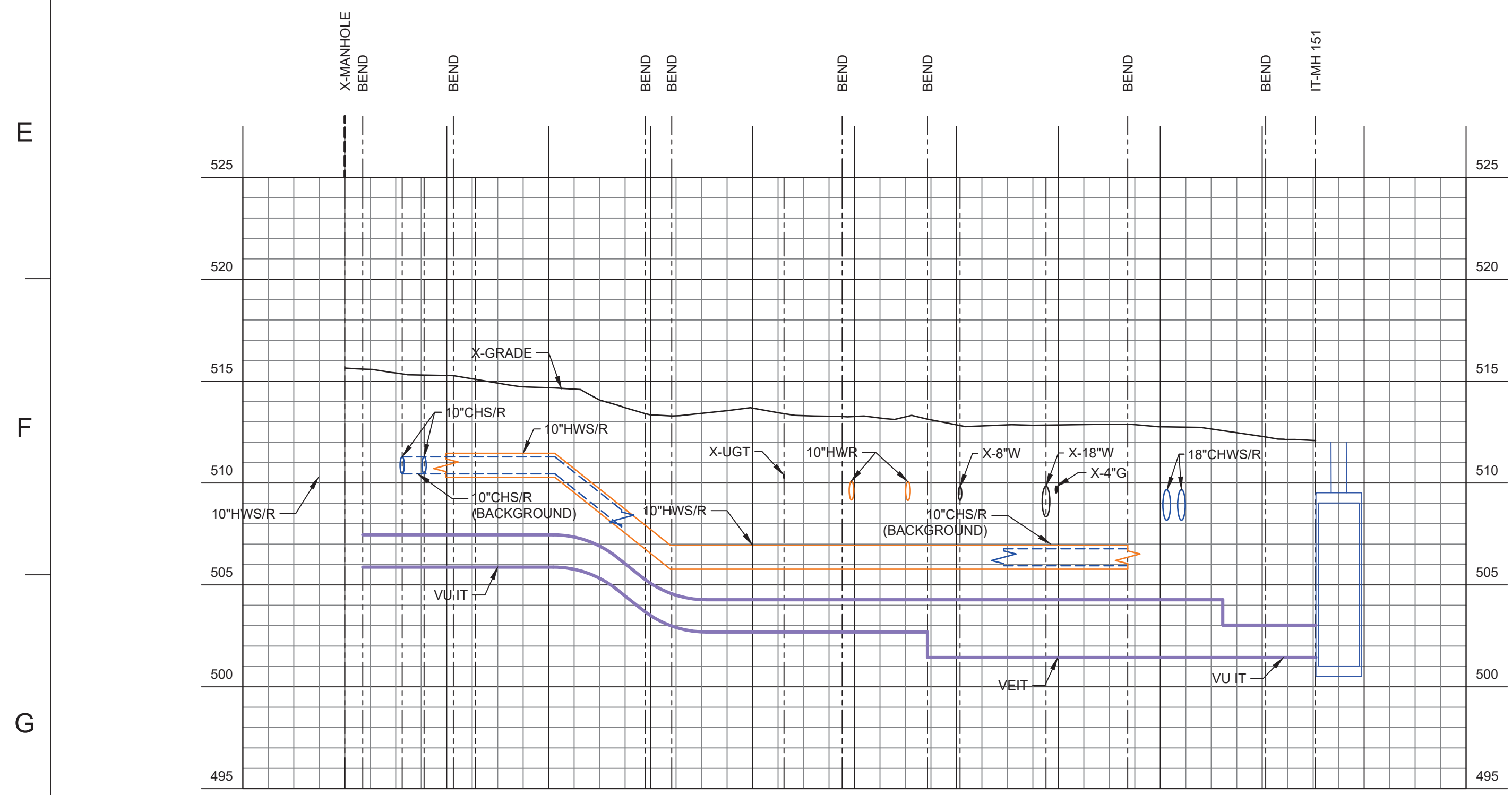
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 AS NOTED

Date: 02/25/22  
 Drawn By: TJN

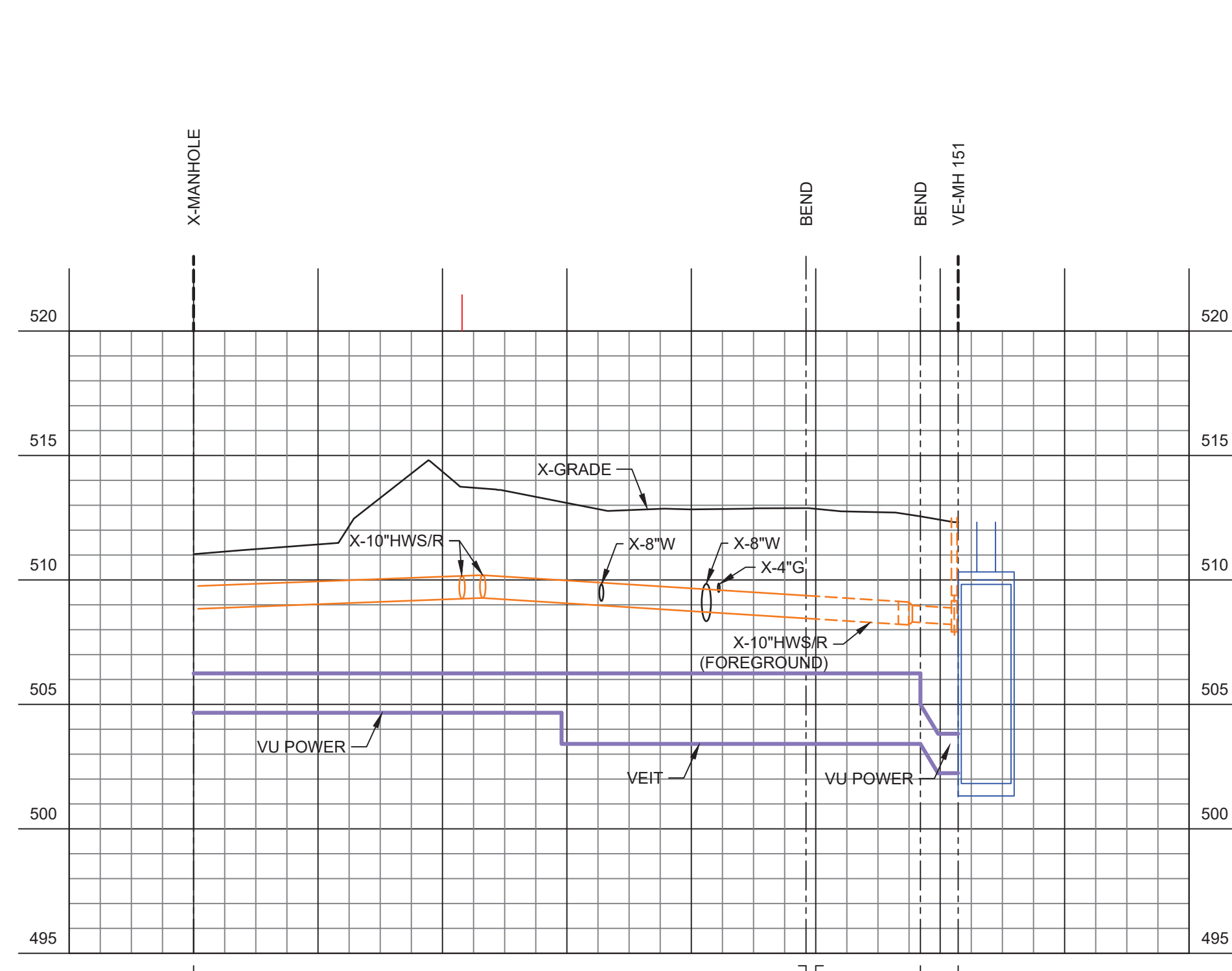
Project No.: 20566-01  
 Checked By: BHB

Sheet No.

**UC.VEIT.151**



**2 VU TELECOM PROFILE**  
 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE



**1 VU ELECTRIC PARTIAL PLAN AND PROFILE**  
 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE

PlansTracker - T0023000019  
Vanderbilt University Central Utilities Initiative - Utility Corridor  
Vandy Chilled Water\_01202023 (Private)

Nashville Department of Transportation  
And Mobility Infrastructure

**EXCEPTION TAKEN AS NOTED**

This review does not relieve the applicant (s) from compliance with the rules, regulations, and specifications of this department and other governmental agencies. This check is only for general conformance with the requirements of the Nashville Department of Transportation.

JONATHAN HONEYCUTT 6/15/2023

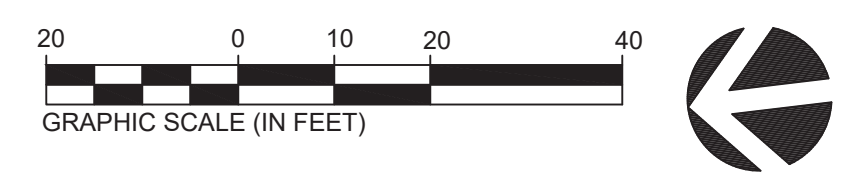
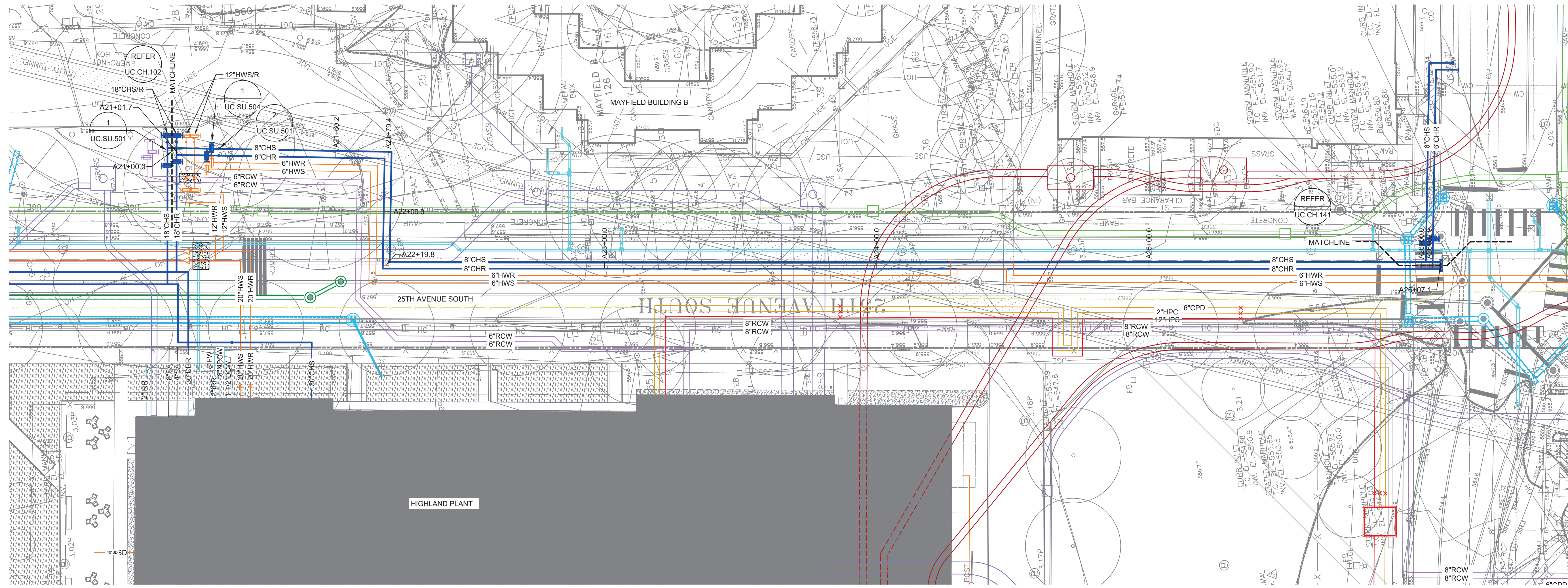
Signed

Date

Mandatory Referral required for private utilities located within the public right of way. Comply with any Conditions of Approval.

Traffic Control Plan -

With any work located within the public right of way, including excavation / sidewalk closure / lane closure permits, include a temporary traffic control and signage plan, complying with MUTCD standards.



Sheet Keynotes:

Rev	Date	Description of Issue
C	01/2023	CONSTRUCTION DOCUMENTS
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A	02/25/22	SCHEMATIC DESIGN

Project



Sheet Title  
**CHILLED WATER  
 PARTIAL PLAN AND  
 PROFILE**

Scale  
 AS NOTED

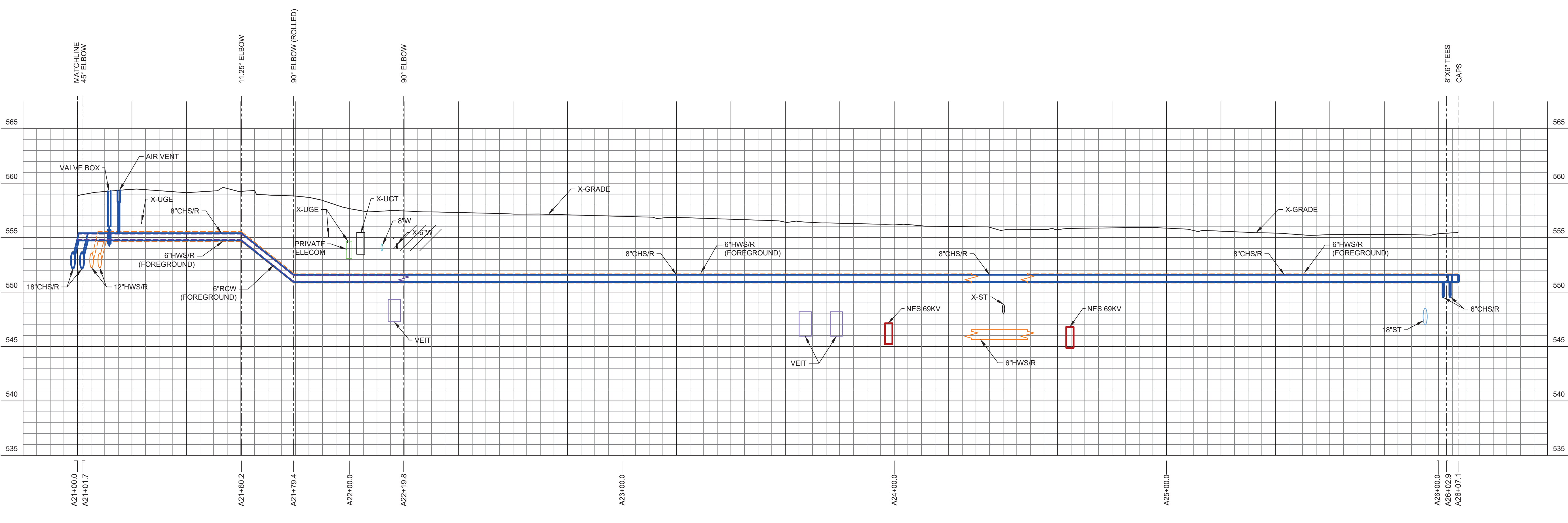
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Drawn By  
 TJN

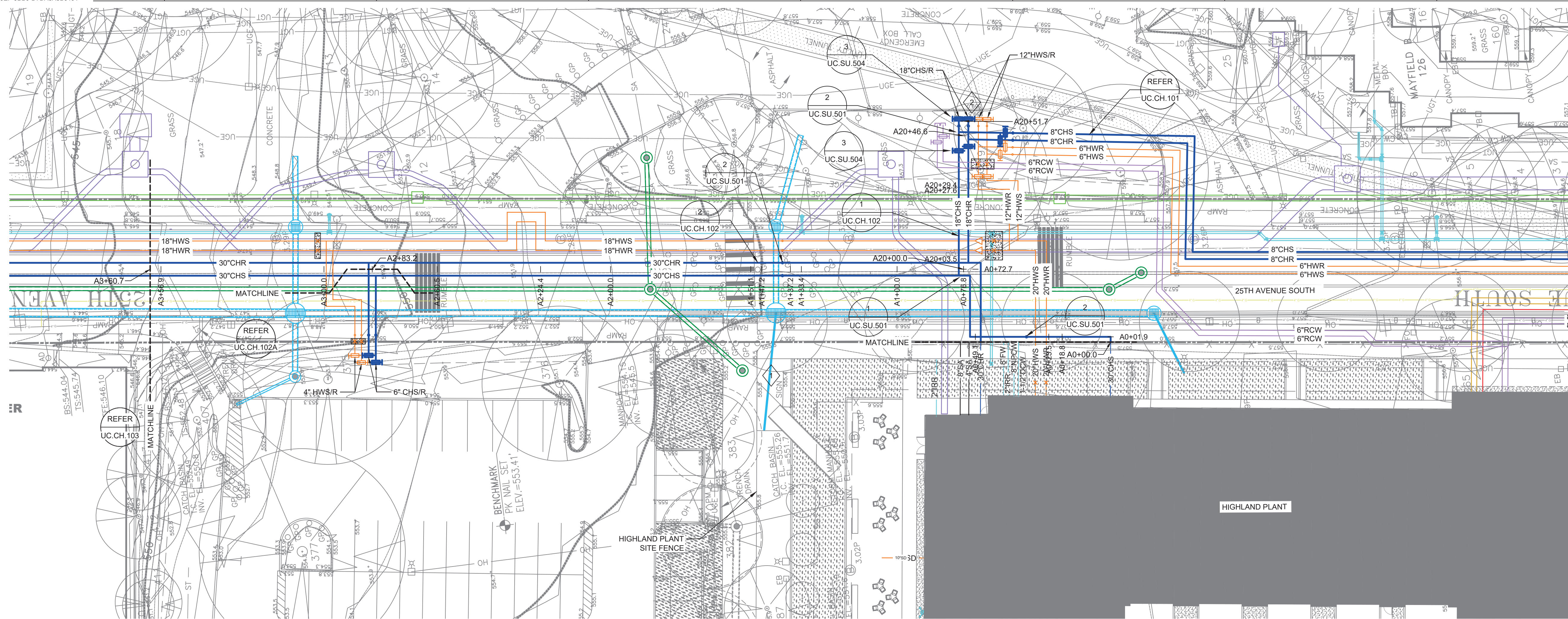
Project No.  
 20566-01

Checked By  
 BJP

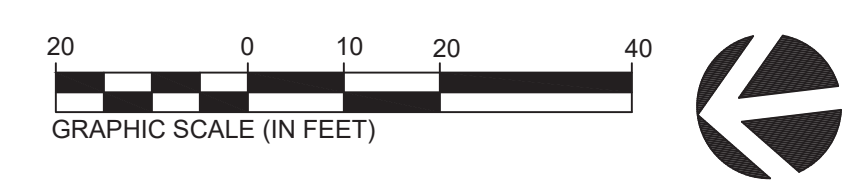
Sheet No.  
**UC.CH.101**



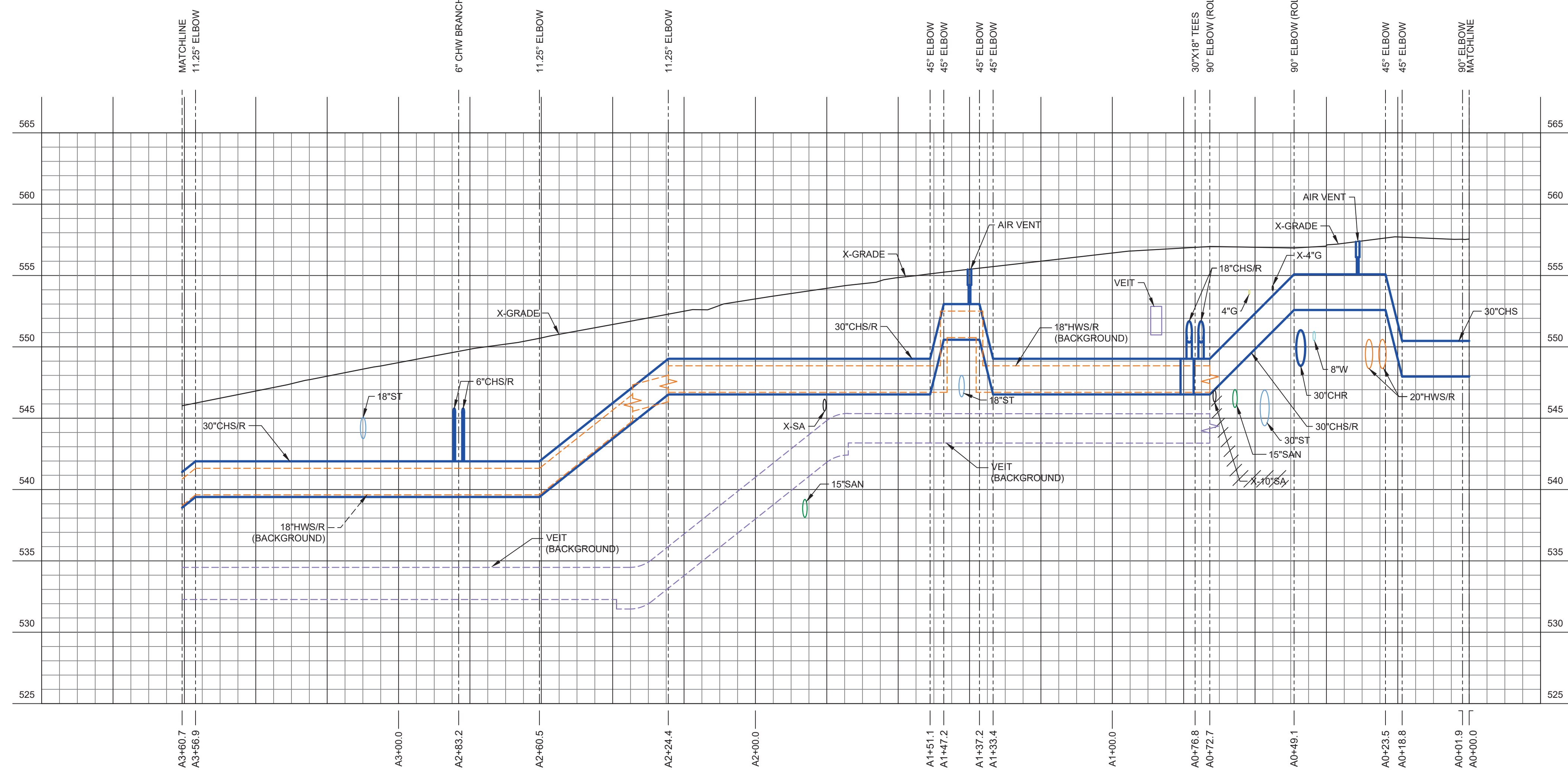
**1 CHILLED WATER PARTIAL PLAN AND PROFILE**  
 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE



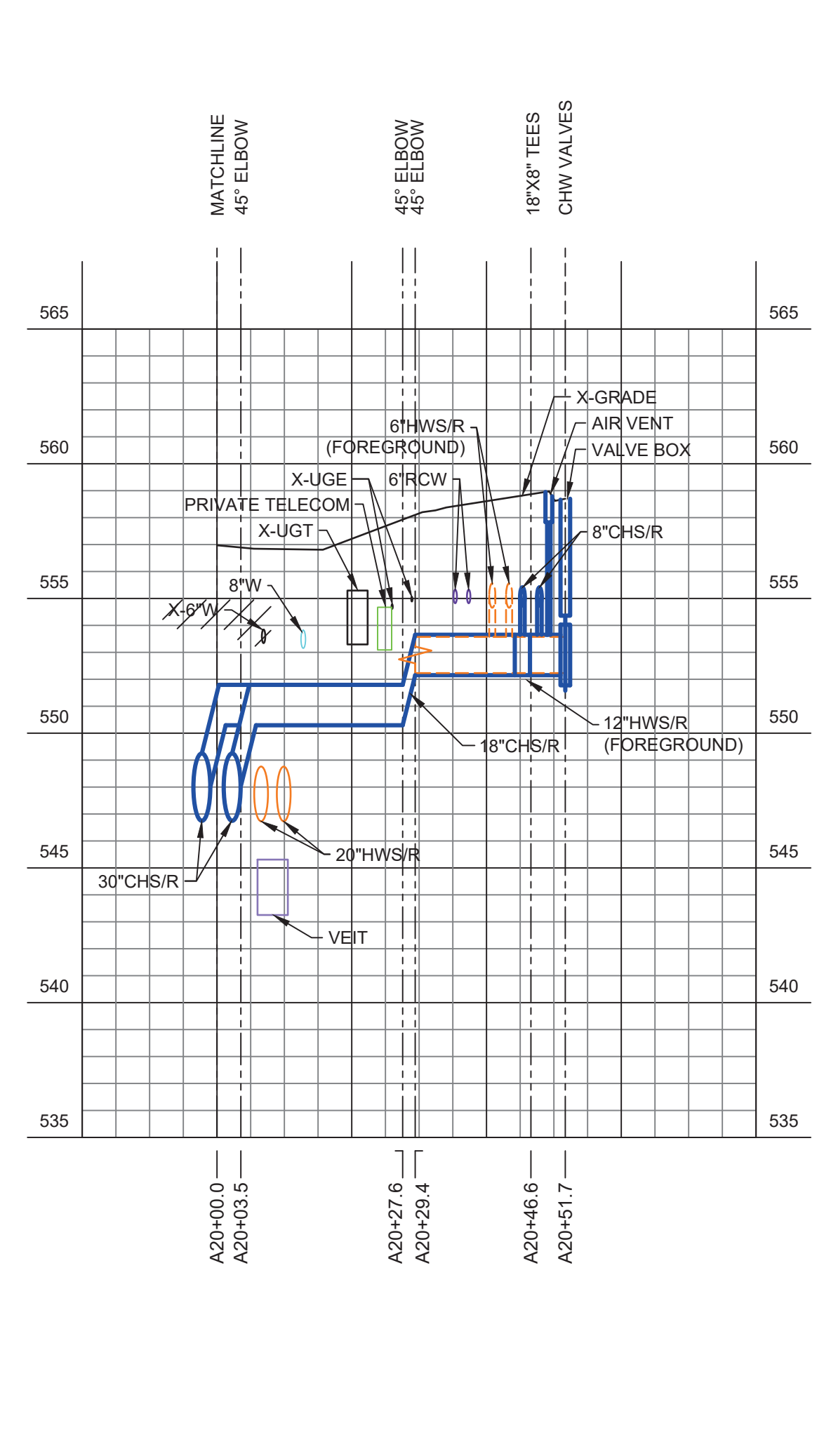
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- 1 REFER TO HIGHLAND PLANT PROJECT FOR UNDERGROUND UTILITIES BETWEEN THE SITE FENCE AND THE HIGHLAND PLANT.
  - 2 18\"/>



Rev	Date	Description of Issue
C	01/20/23	CONSTRUCTION DOCUMENTS
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A	02/25/22	SCHEMATIC DESIGN



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



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

Sheet Title

**CHILLED WATER PARTIAL PLAN AND PROFILE**

Scale: AS NOTED

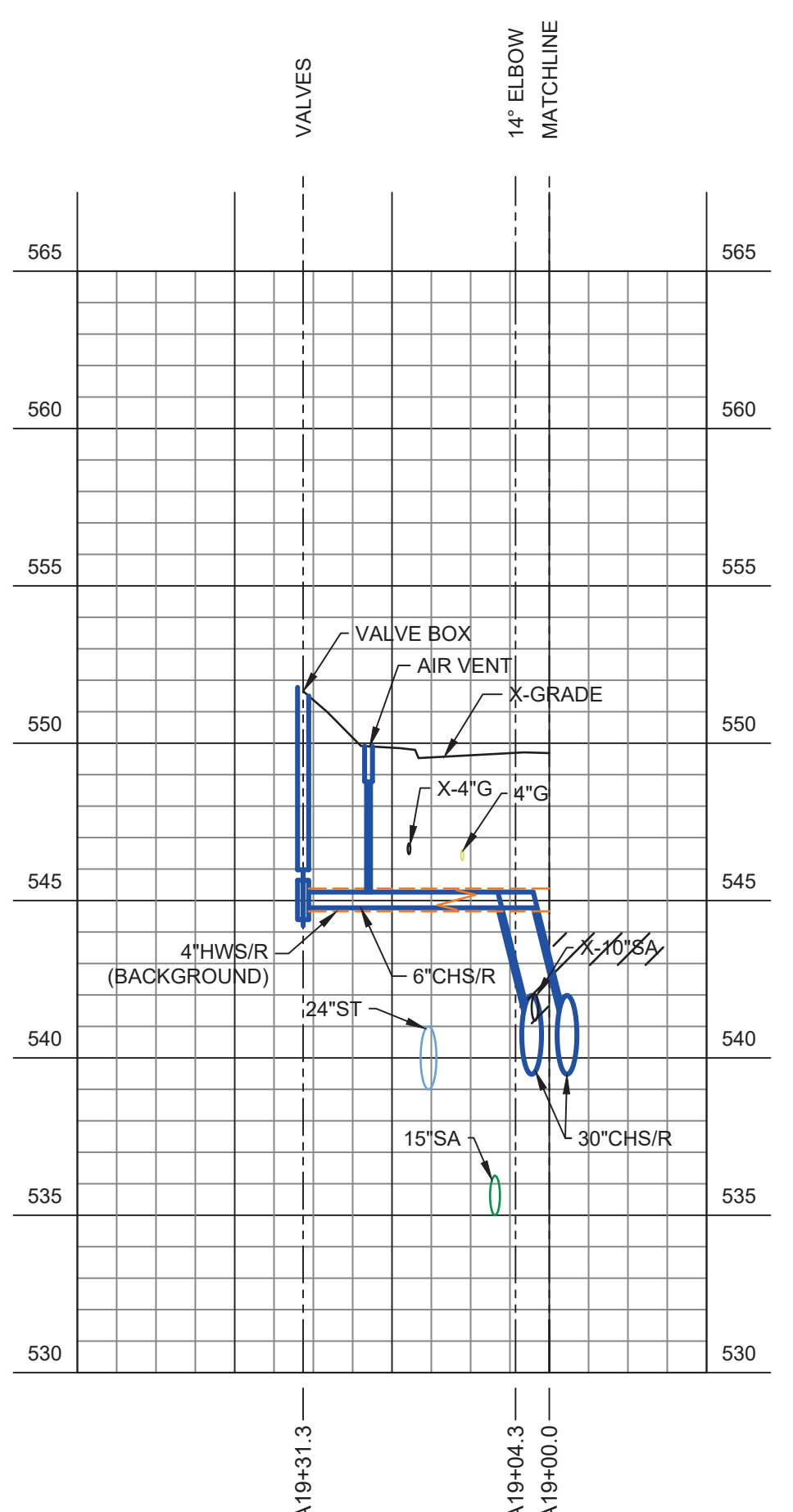
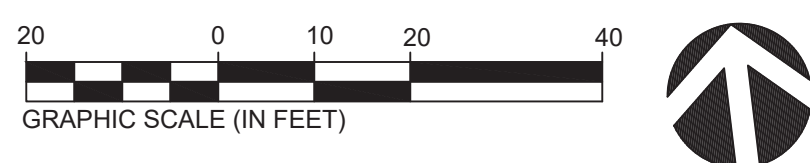
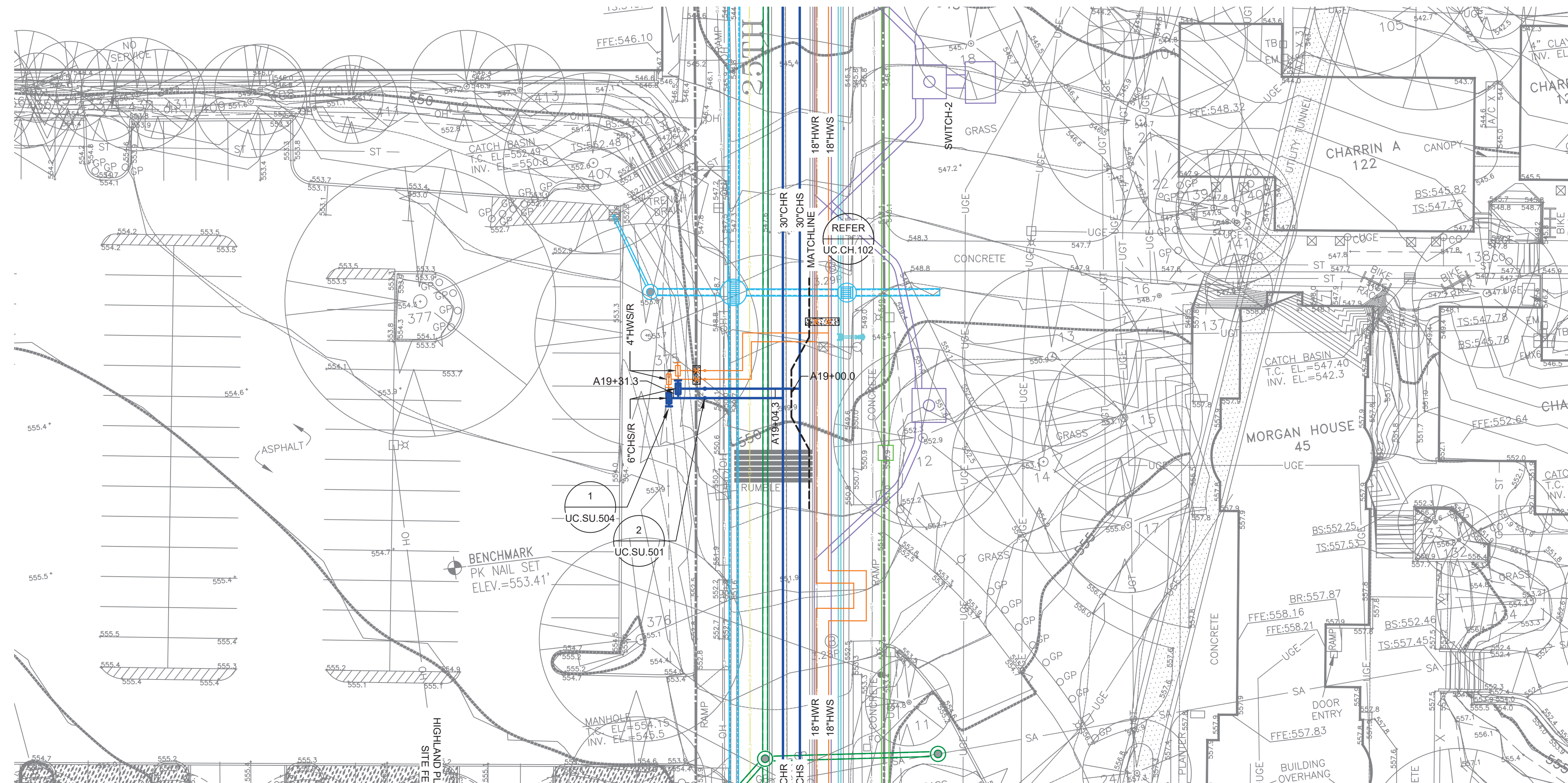
Date: 02/25/22 Drawn By: TJN

Project No: 20566-01 Checked By: BJP

Sheet No.



Sheet Keynotes:



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

Rev	Date	Description of Issue
A	01/20/23	CONSTRUCTION DOCUMENTS

Project



**VANDERBILT UNIVERSITY**  
 CENTRAL UTILITIES INITIATIVE  
 UTILITY CORRIDORS (UC)

Sheet Title

**CHILLED WATER PARTIAL PLAN AND PROFILE**

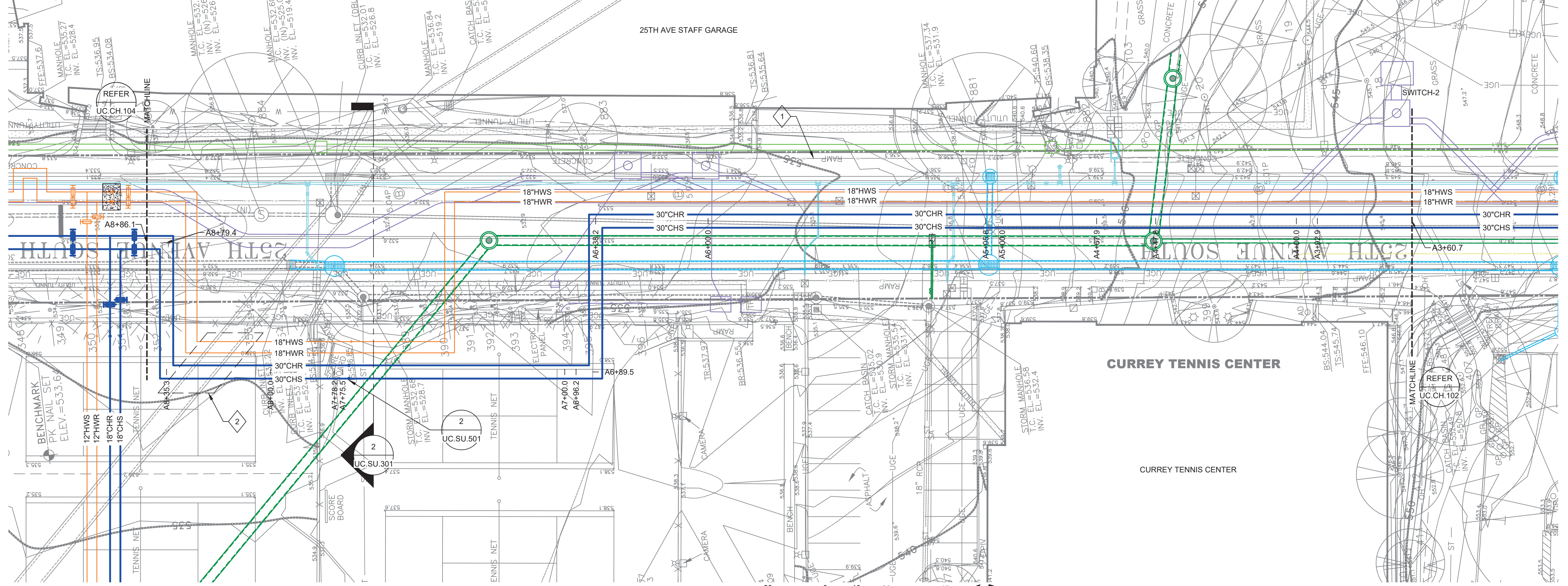
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Date	Drawn By
02/25/22	TJN
Project No.	Checked By
20566-01	BJP

Sheet No.  
**UC.CH.102A**

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- Sheet Keynotes:**
- 1 POTENTIAL EXISTING TELECOM OR FIBER, NOT FOUND DURING POTHOLES. COORDINATE WITH VANDERBILT TO CONFIRM ABANDONED OR RELOCATE PRIOR TO CONSTRUCTION OF NEW UTILITIES.
  - 2 PROVIDE 4" CONCRETE SLAB 3" ABOVE THE EXISTING 72" COMBINATION SEWER, EXTENDING 3' BEYOND THE SEWER TO THE NORTH AND SOUTH IN 25TH AVENUE. CONCRETE STRENGTH TO BE 4500 PSI WITH NO.6 REBAR AT 12" SPACING IN BOTH DIRECTIONS. REBAR TO BE MMFX OR EPOXY COATED.

Rev	Date	Description of Issue
D	01/20/23	CONSTRUCTION DOCUMENTS
C	10/07/22	DD BID - ADDENDUM 1
B	09/16/22	DESIGN DEVELOPMENT
A	02/25/22	SCHEMATIC DESIGN



**VANDERBILT UNIVERSITY**  
 CENTRAL UTILITIES INITIATIVE  
 UTILITY CORRIDORS (UC)

Sheet Title  
**CHILLED WATER PARTIAL PLAN AND PROFILE**

Scale  
 AS NOTED

Date  
 02/25/22

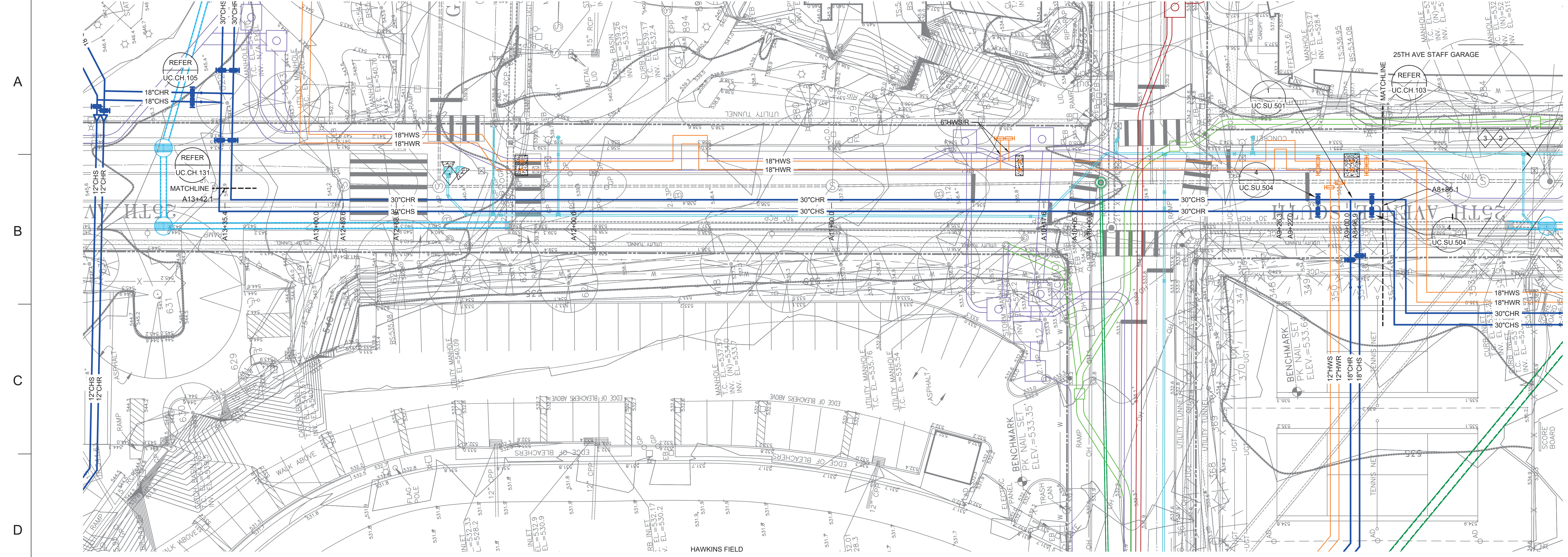
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Project No.  
 20566-01

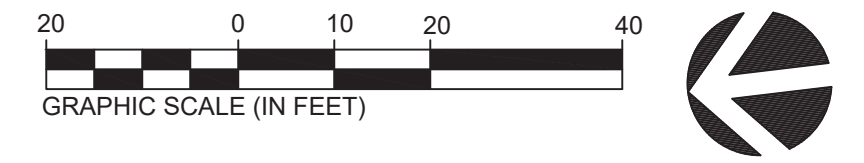
Checked By  
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**1 CHILLED WATER PARTIAL PLAN AND PROFILE**  
 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE

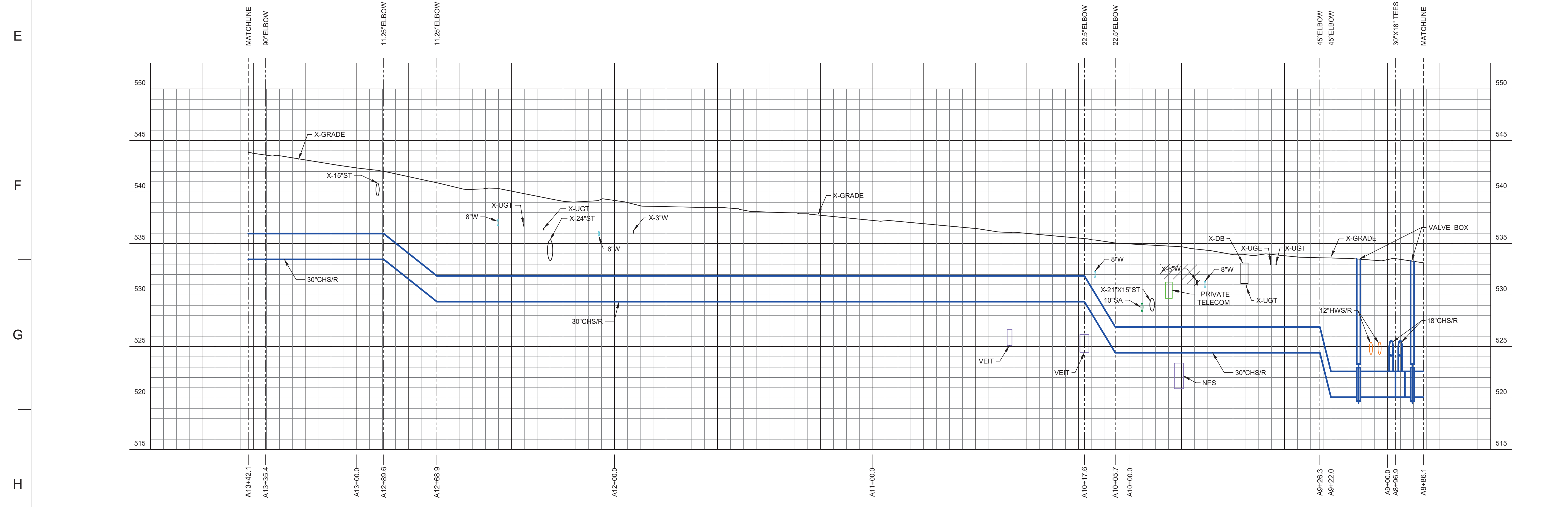
Sheet No.  
**UC.CH.103**



- Sheet Keynotes:
- PROVIDE PUMP-AROUND BETWEEN SANITARY SEWER MANHOLE IN THE INTERSECTION OF 25TH AVENUE AND GARLAND TO THE INTERSECTION OF 25TH AVENUE AND HIGHLAND AVENUE. DURING CONSTRUCTION BETWEEN THE TWO STREETS. REMOVE EXISTING SANITARY SEWER PIPE IN ORDER TO INSTALL NEW THERMAL AND ELECTRICAL UTILITIES. THEN REINSTALL THE SANITARY SEWER PIPE BETWEEN MANHOLES AND REMOVE THE PUMP AROUND STATION.
  - PROVIDE 4" CONCRETE SLAB 3" ABOVE THE EXISTING 72" COMBINATION SEWER. EXTENDING 3' BEYOND THE SEWER TO THE NORTH AND SOUTH IN 25TH AVENUE. CONCRETE STRENGTH TO BE 4500 PSI WITH NO. 6 REBAR AT 12" SPACING IN BOTH DIRECTIONS. REBAR TO BE MIXED OR EPOXY COATED.
  - ABOVE UTILITIES CROSSING OVER THE TOP OF THE 72" COMBINATION SEWER, PROVIDE 6" OF PIPE BEDDING FOLLOWED BY FLOWABLE FILL TO WITHIN 12" OF NEW FINISHED GRADE.



Rev	Date	Description of Issue
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**VANDERBILT UNIVERSITY**  
 CENTRAL UTILITIES INITIATIVE  
 UTILITY CORRIDORS (UC)

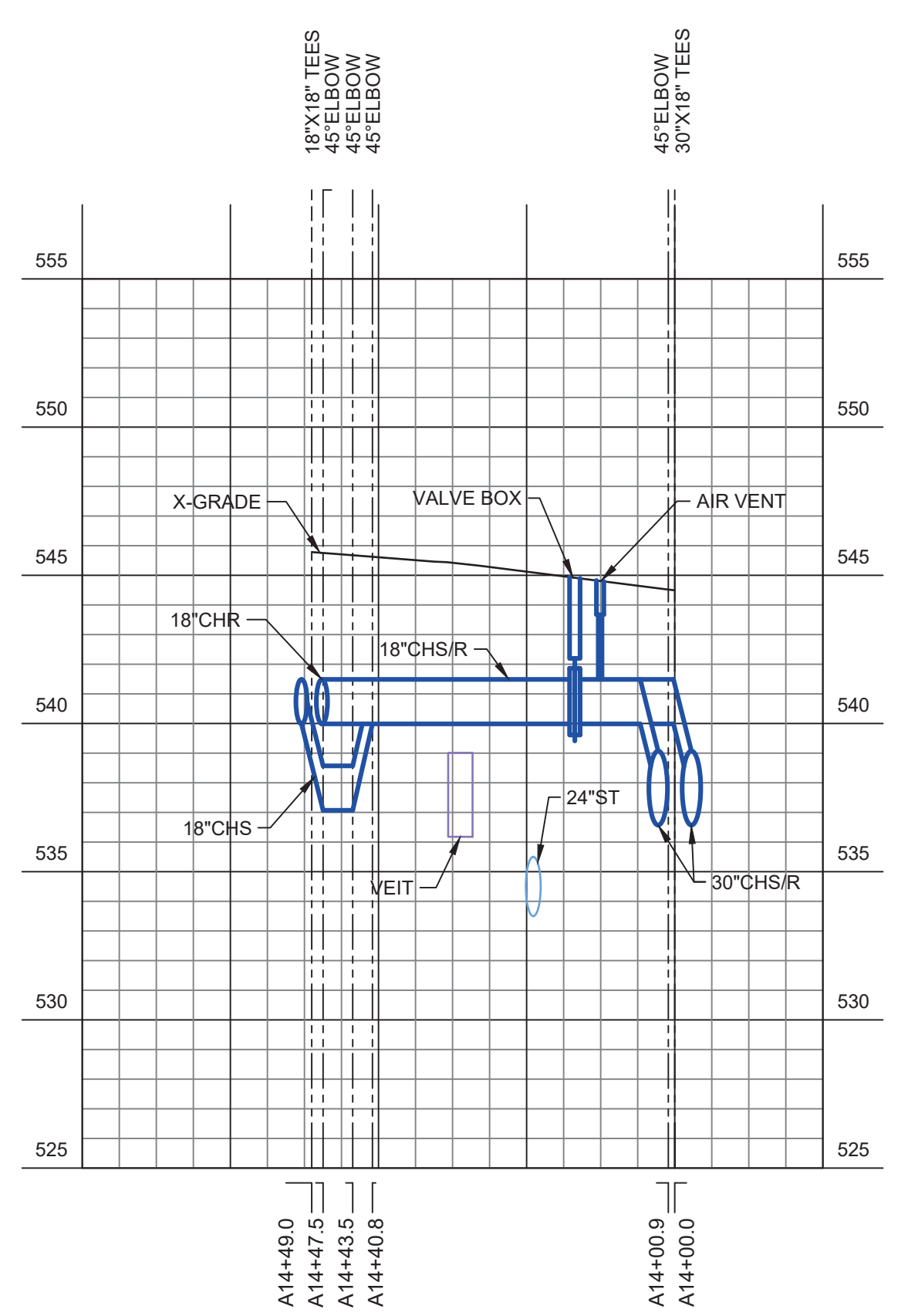
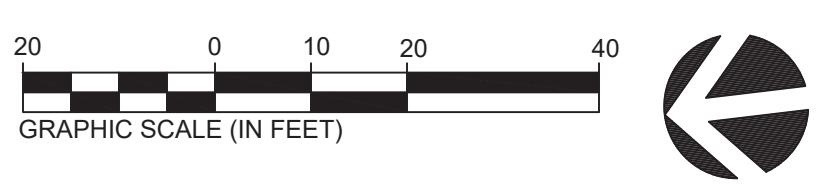
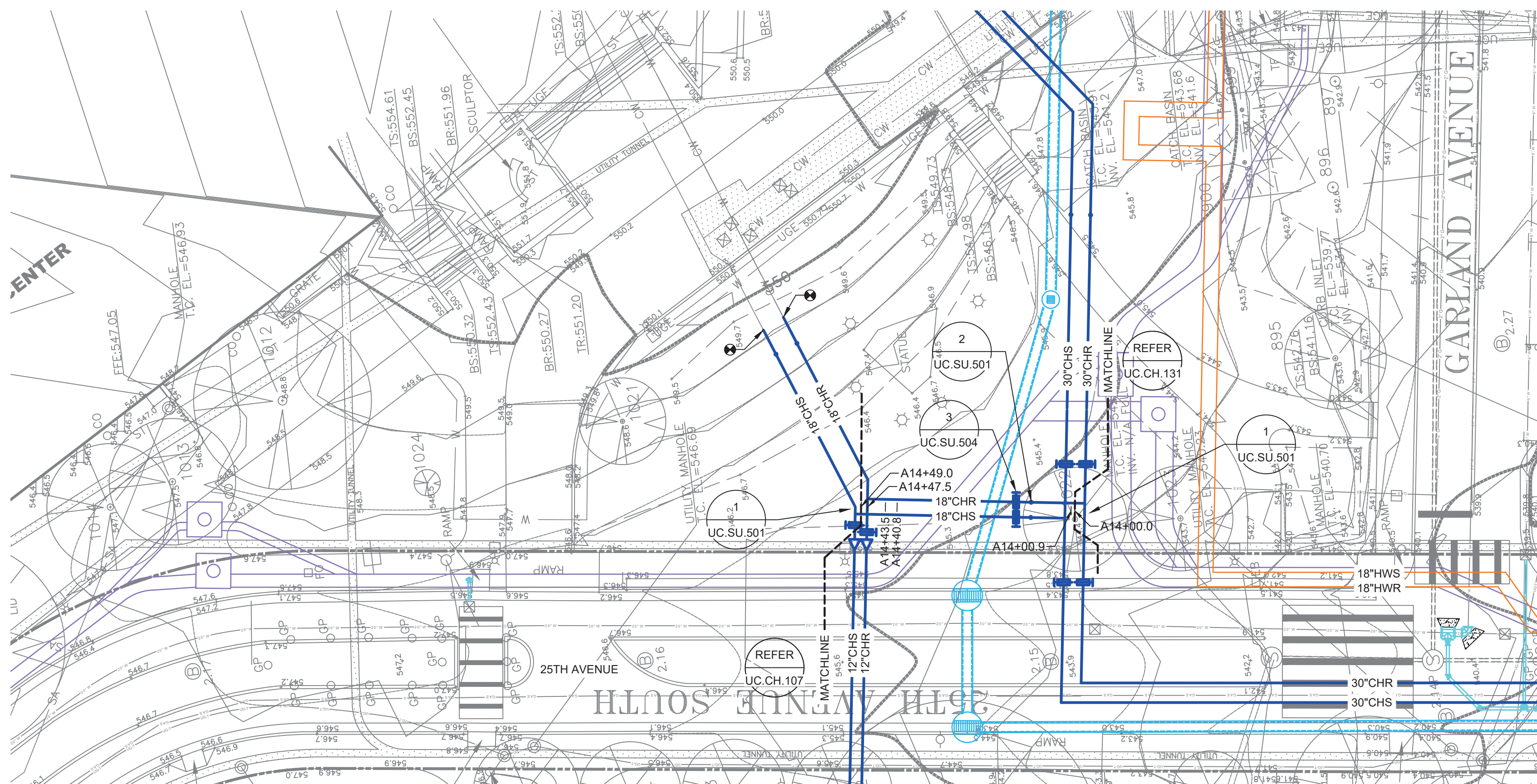
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**CHILLED WATER PARTIAL PLAN AND PROFILE**

Scale  
 AS NOTED

Date	Drawn By
02/25/22	TJN
Project No.	Checked By
20566-01	BJP

Sheet No.  
**UC.CH.104**

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



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

Sheet Keynotes:

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C	01/20/23	CONSTRUCTION DOCUMENTS
B	09/16/22	DESIGN DEVELOPMENT
A	02/25/22	SCHEMATIC DESIGN

Project



**VANDERBILT UNIVERSITY**  
 CENTRAL UTILITIES INITIATIVE  
 UTILITY CORRIDORS (UC)

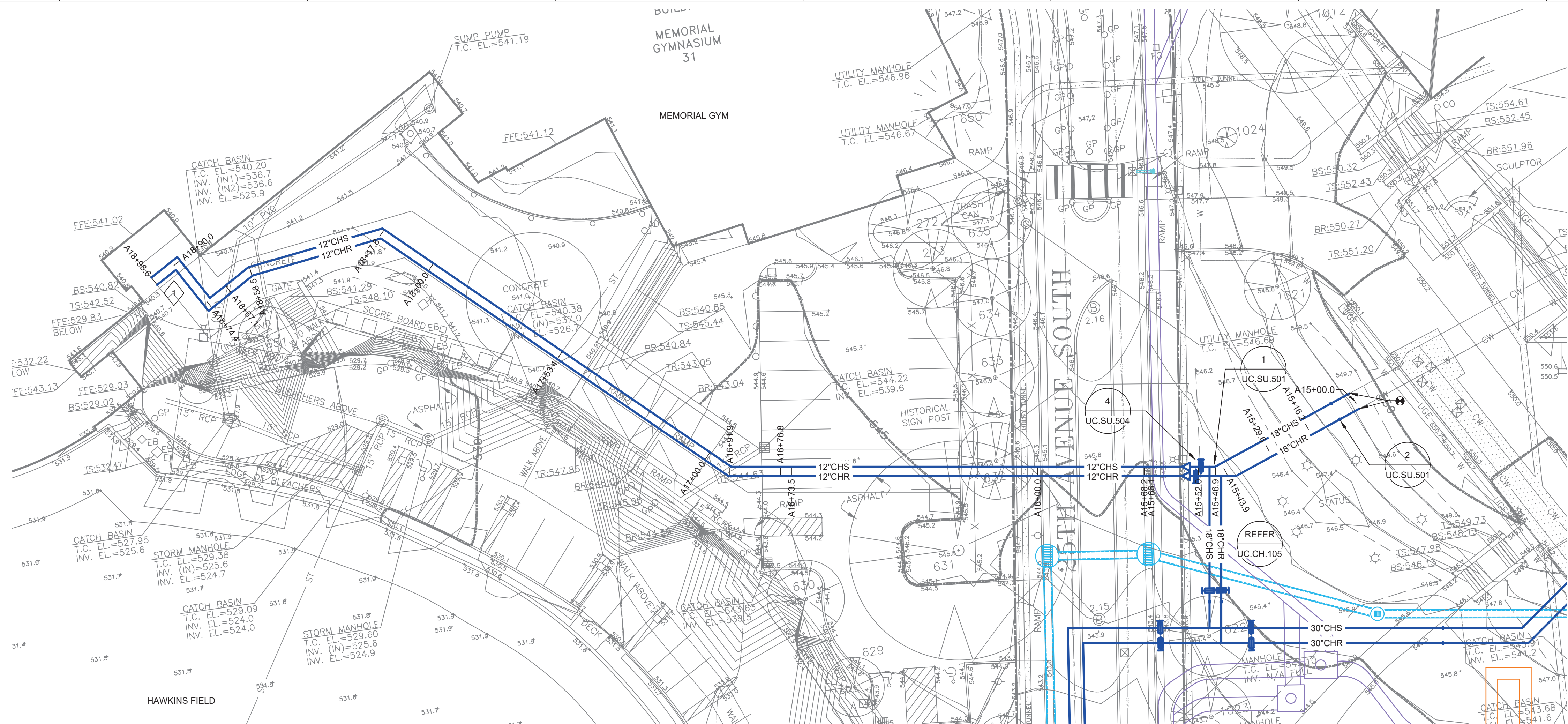
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**CHILLED WATER PARTIAL PLAN AND PROFILE**

Scale  
 AS NOTED

Date: 02/25/22  
 Drawn By: TJN

Project No.: 20566-01  
 Checked By: BJP

Sheet No.  
**UC.CH.105**



Sheet Keynotes:  
 1 NEW 12" CHILLED WATER PIPING BY CUI PROJECT TO THIS POINT. PIPING INTO AND THROUGH MEMORIAL GYM BY ATHLETICS PROJECT AND COORDINATED WITH SSR.

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Sheet Title  
**CHILLED WATER PARTIAL PLAN AND PROFILE**

Scale  
 AS NOTED

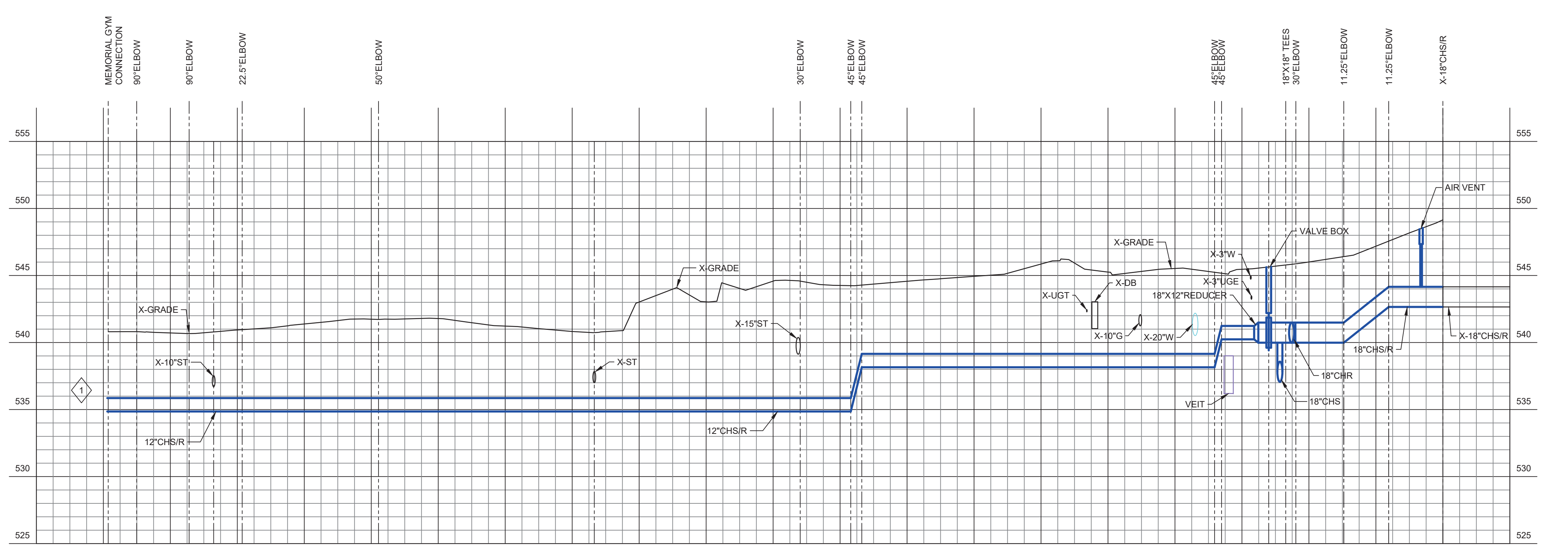
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Drawn By  
 TJN

Project No.  
 20566-01

Checked By  
 BJP

Sheet No.  
**UC.CH.107**



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

- Sheet Keynotes:
- 1 CHILLED WATER SERVICE TO FUTURE ATHLETICS PROJECTS: SOUTH END ZONE AND BASKETBALL PRACTICE FACILITY.
  - 2 CHILLED WATER SERVICE TO FUTURE ATHLETICS PROJECT: MCGUGIN RENOVATION.

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Sheet Title  
**CHILLED WATER PARTIAL PLAN AND PROFILE**

Scale  
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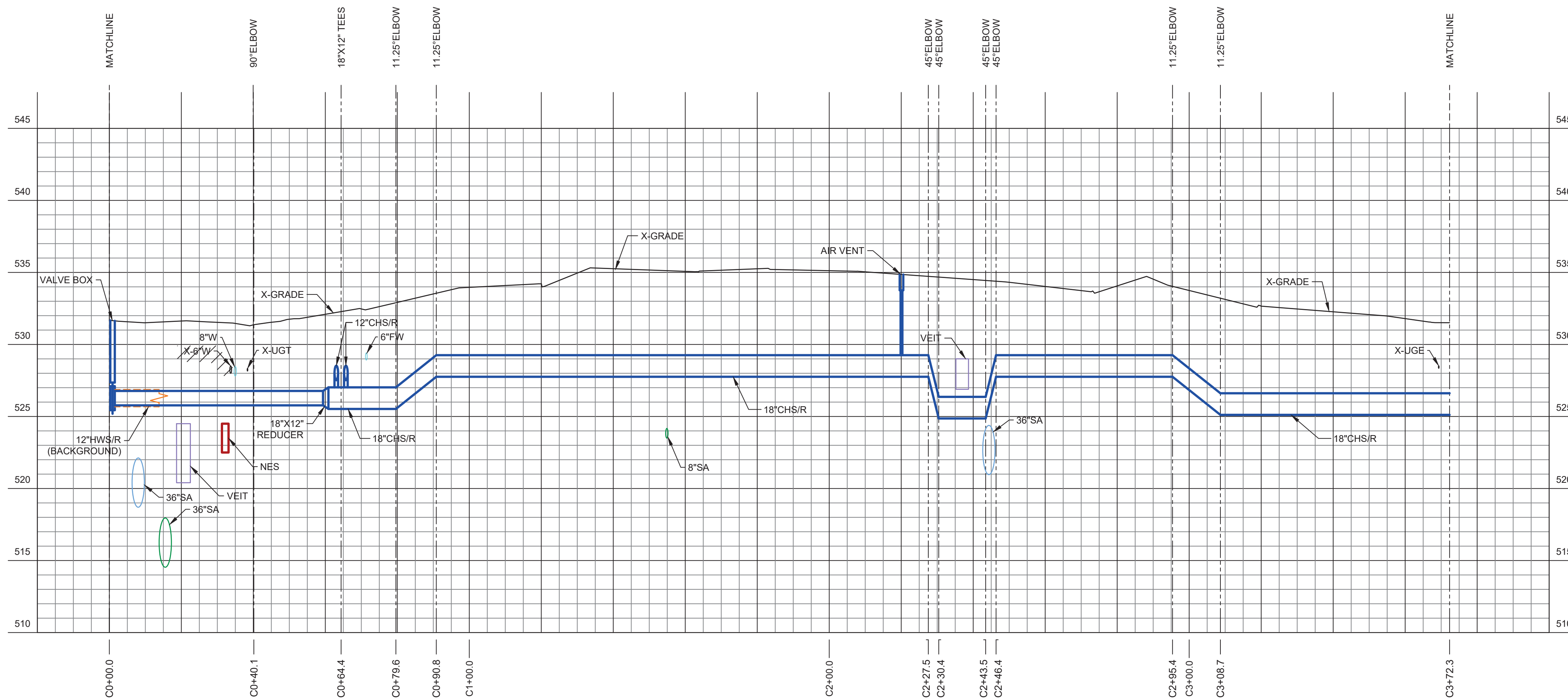
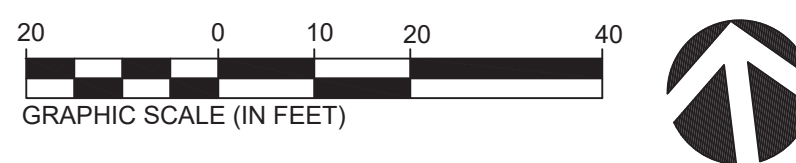
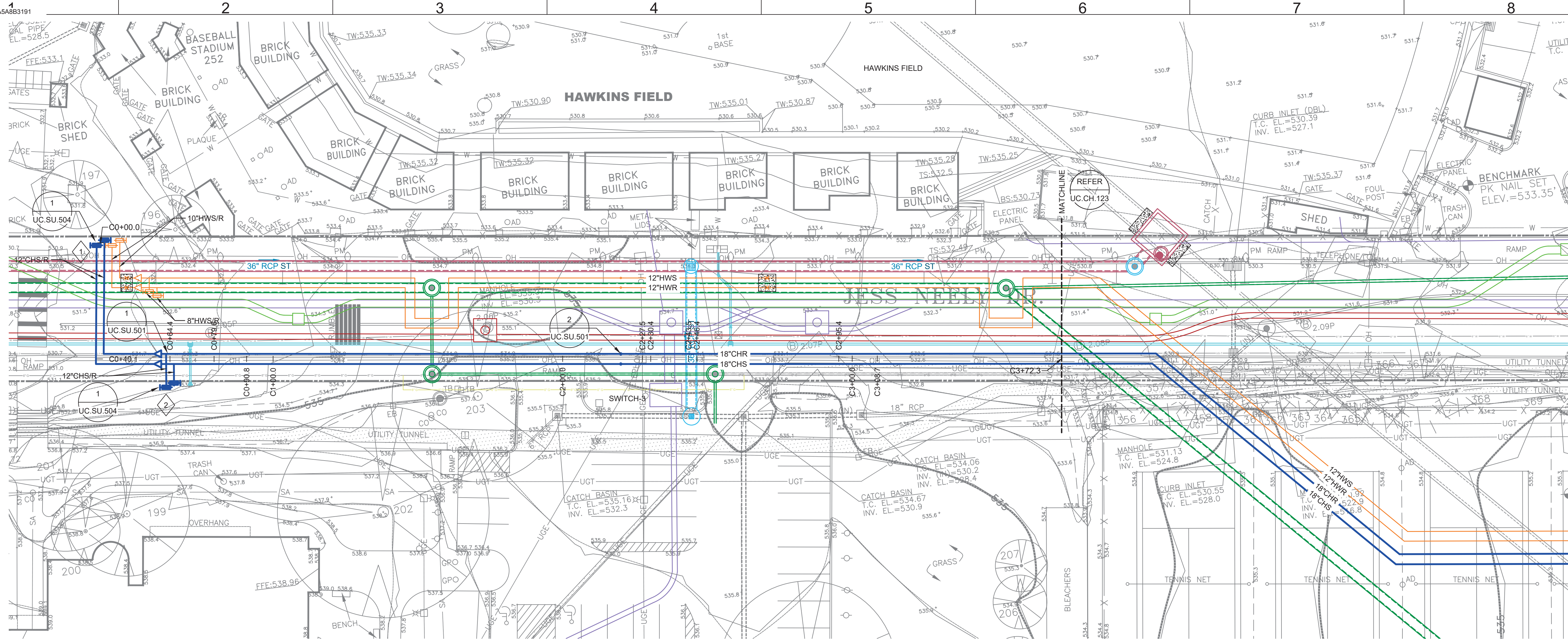
Date  
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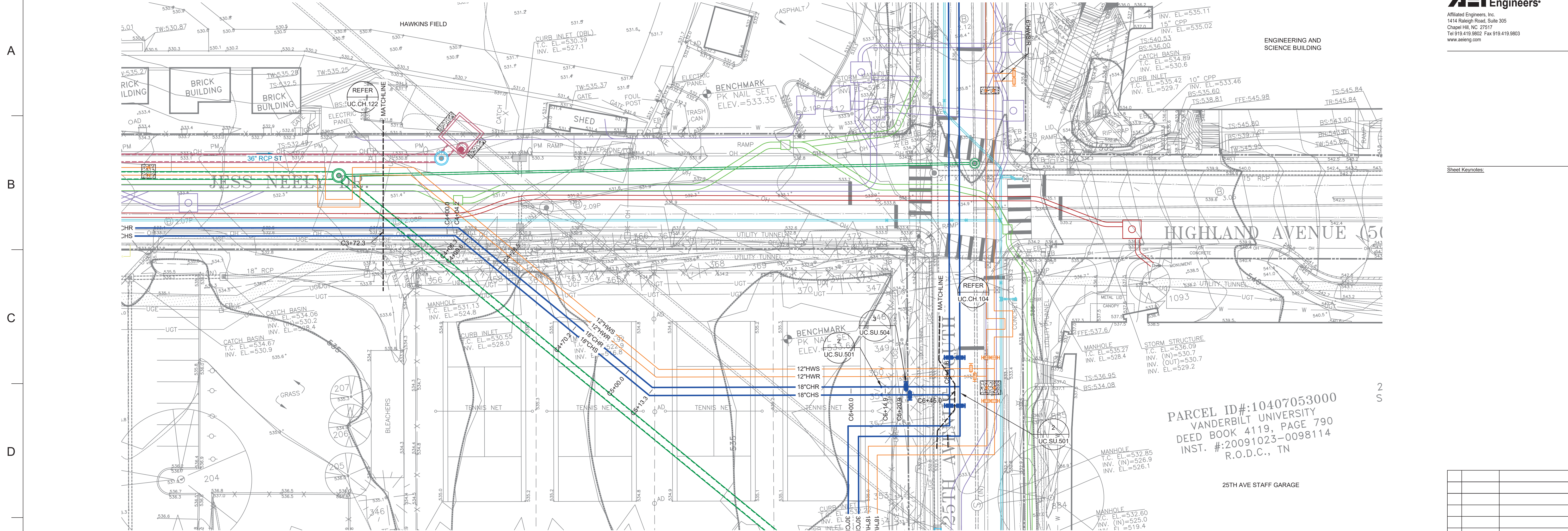
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 20566-01

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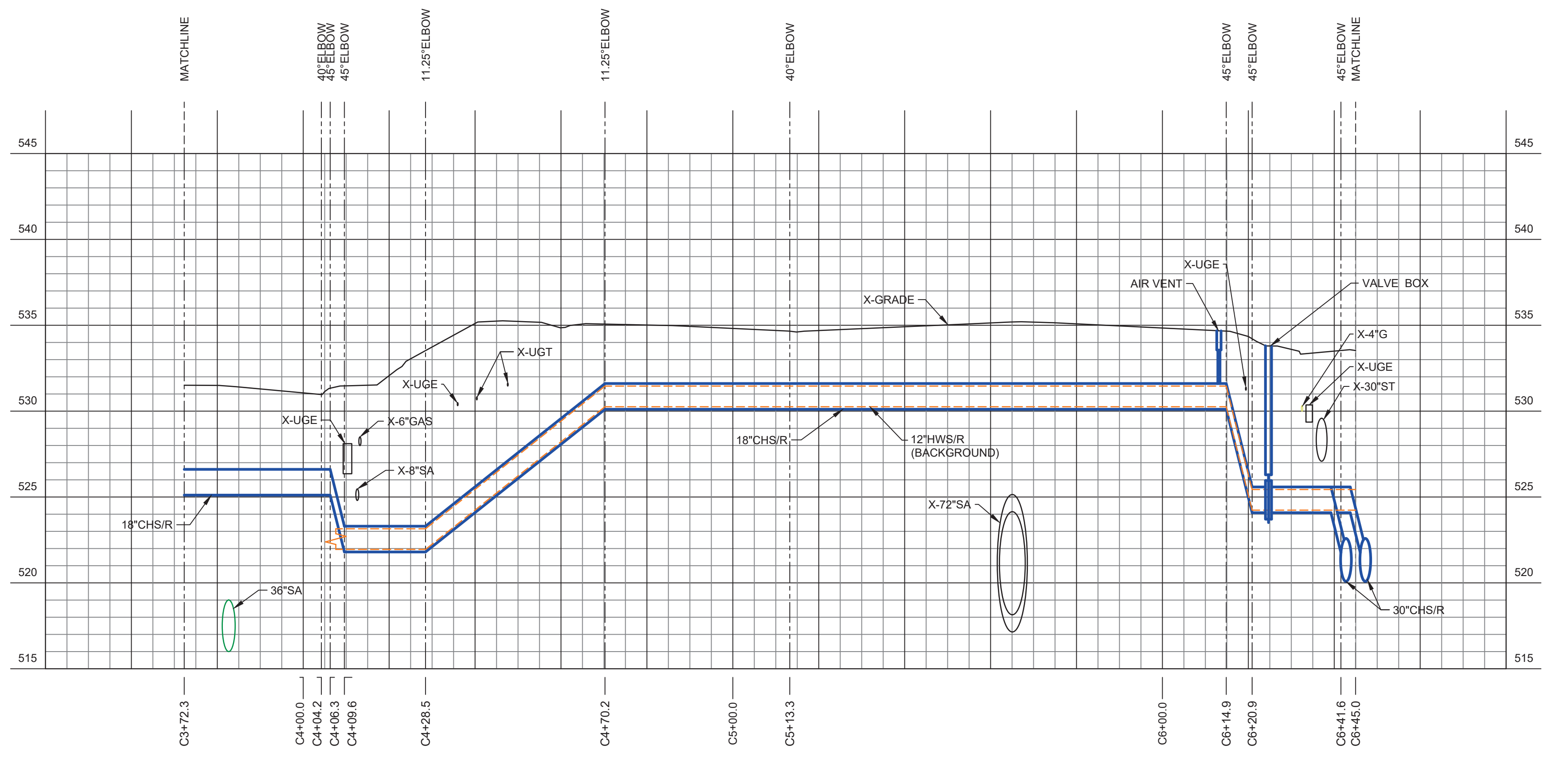
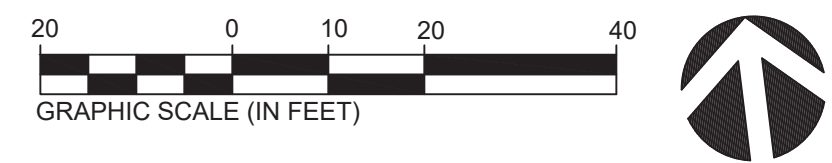
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**1 CHILLED WATER PARTIAL PLAN AND PROFILE**  
 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE



PARCEL ID#: 10407053000  
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 DEED BOOK 4119, PAGE 790  
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Sheet Title  
**CHILLED WATER  
 PARTIAL PLAN AND  
 PROFILE**

Scale  
 AS NOTED

Date: 02/25/22  
 Drawn By: TJN

Project No.: 20566-01  
 Checked By: BJP

Sheet No.:  
**UC.CH.123**

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

Sheet Keynotes:

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 UTILITY CORRIDORS (UC)

Sheet Title

**CHILLED WATER  
 PARTIAL PLAN AND  
 PROFILE**

Scale  
 AS NOTED

Date  
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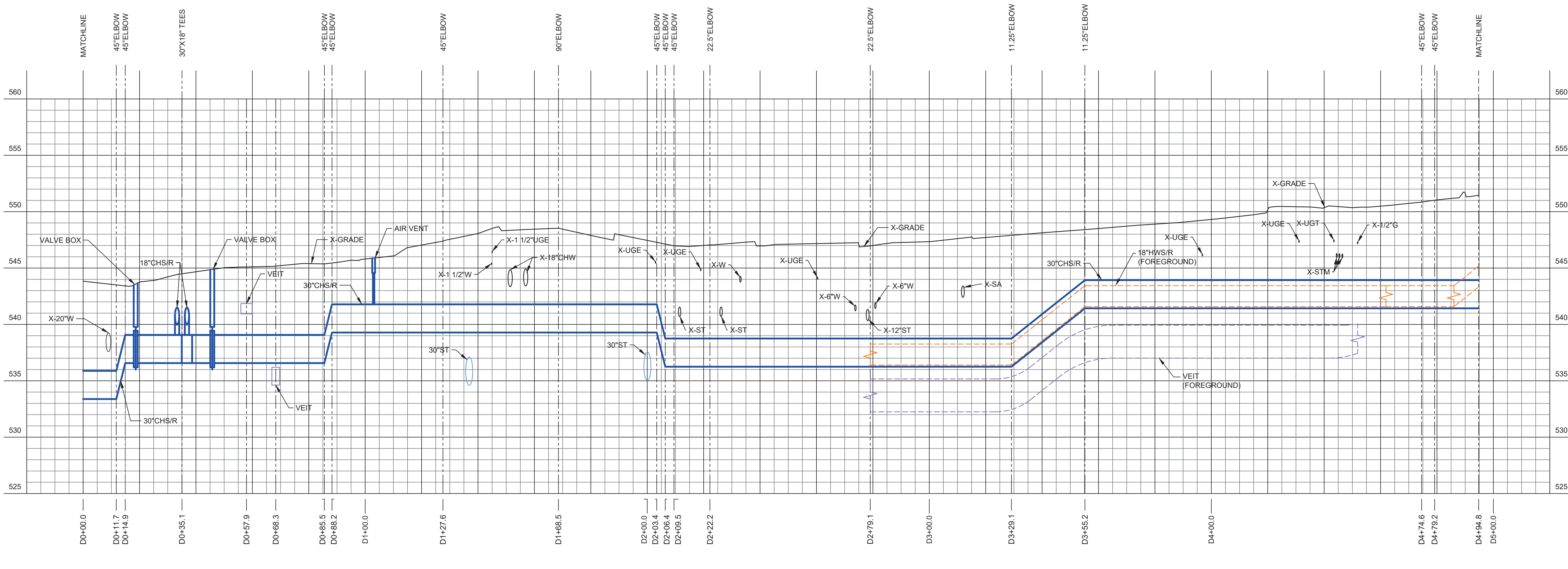
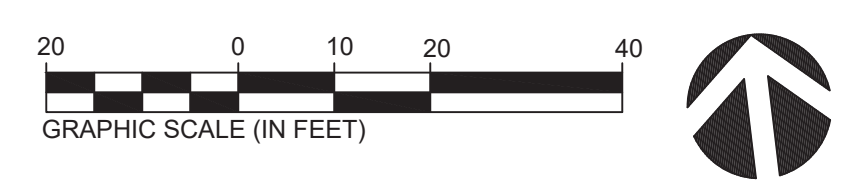
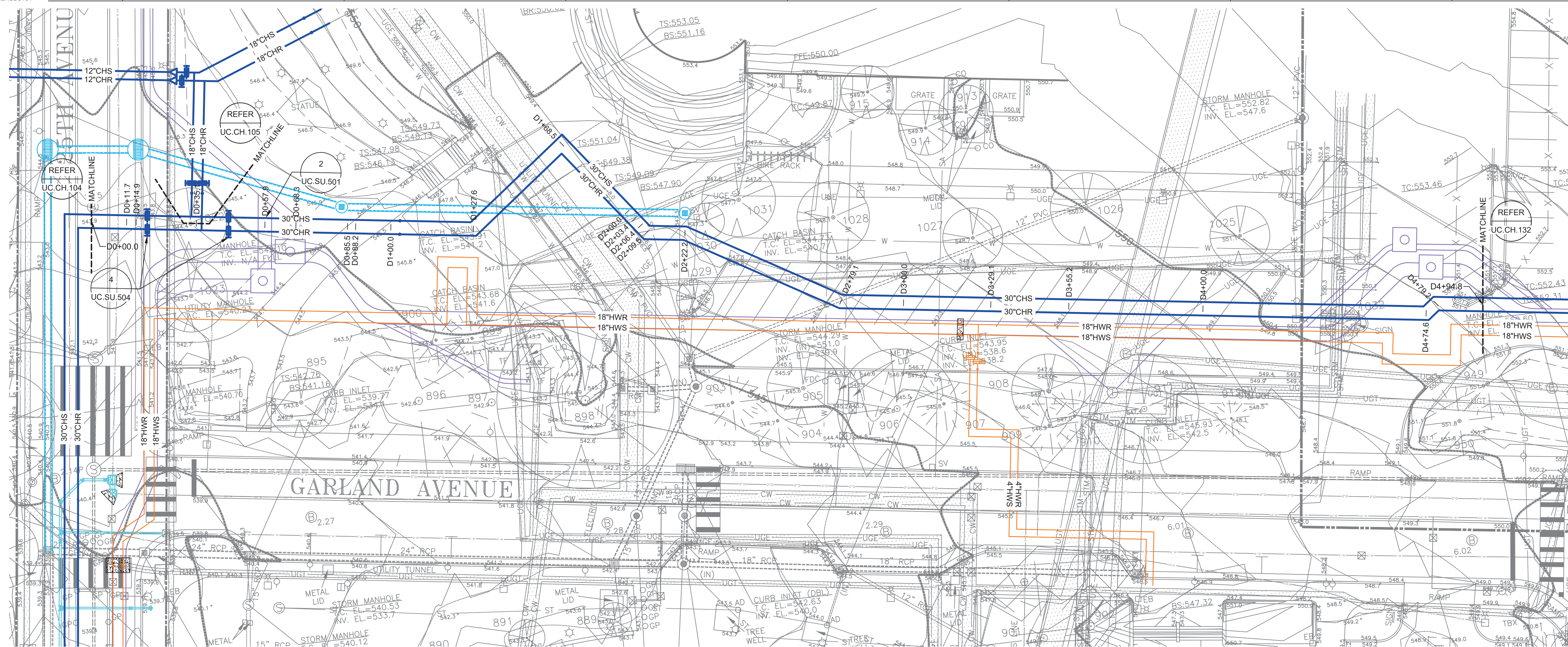
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Project No.  
 20566-01

Checked By  
 BJP

Sheet No.

**UC.CH.131**



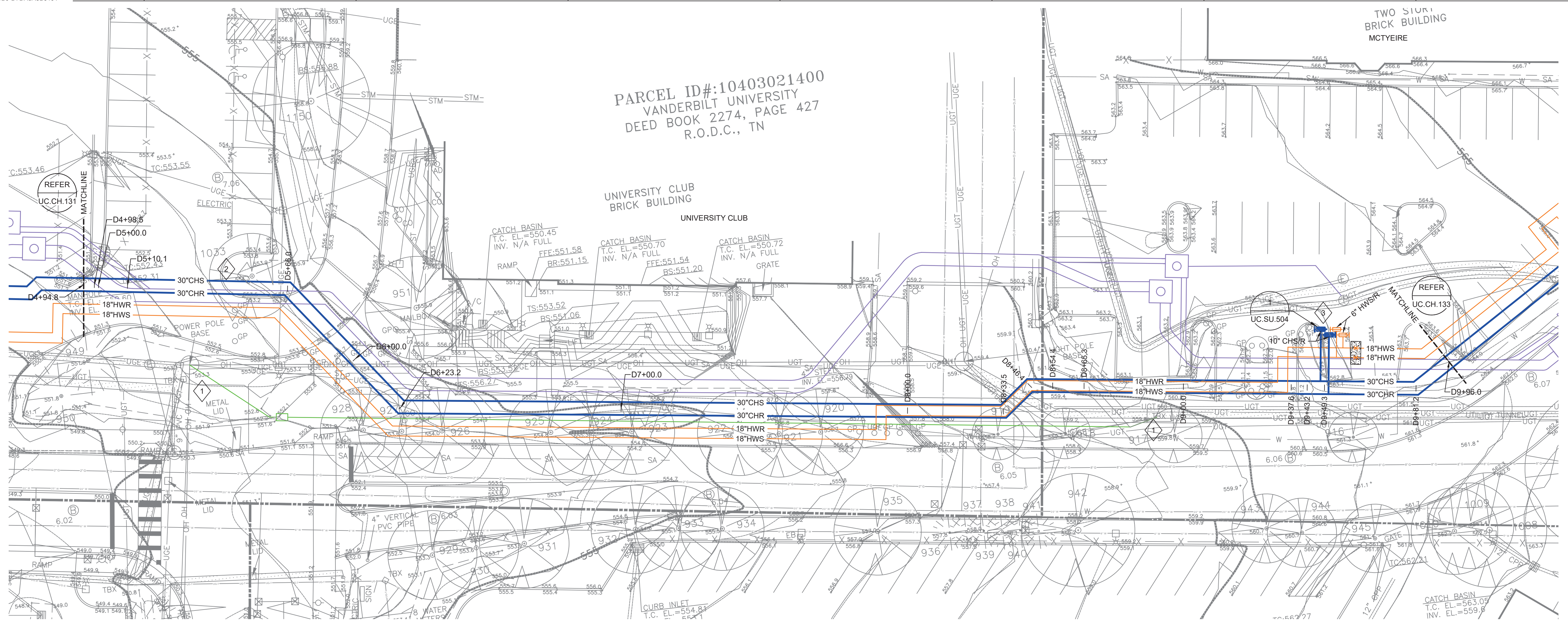
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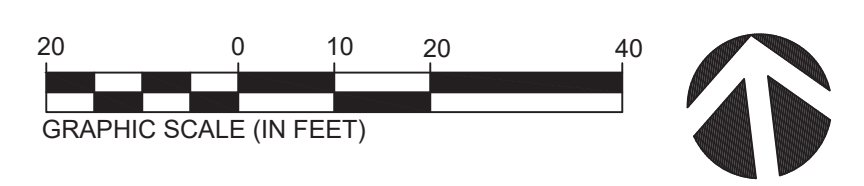
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DEED BOOK 2274, PAGE 427  
R.O.D.C., TN

UNIVERSITY CLUB  
BRICK BUILDING

TWO STORY  
BRICK BUILDING  
MCTEYRE



- Sheet Keynotes:
- 1 PRIOR TO INSTALLATION OF NEW THERMAL AND ELECTRICAL UTILITIES, PROVIDE (2) 4" CONDUITS TO RELOCATE EXISTING PROVIDER TELECOM RACEWAY.
  - 2 NEW CHILLED WATER PIPING STACKED ABOVE NEW VANDERBILT POWER AND TELECOM DUCTBANK.
  - 3 NEW 10" CHILLED WATER VALVES WITH CAPS FOR FUTURE SERVICE TO SCIENCE BUILDING.



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D	01/20/23	CONSTRUCTION DOCUMENTS
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A	02/25/22	SCHEMATIC DESIGN

Project



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CENTRAL UTILITIES INITIATIVE  
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Sheet Title  
**CHILLED WATER PARTIAL PLAN AND PROFILE**

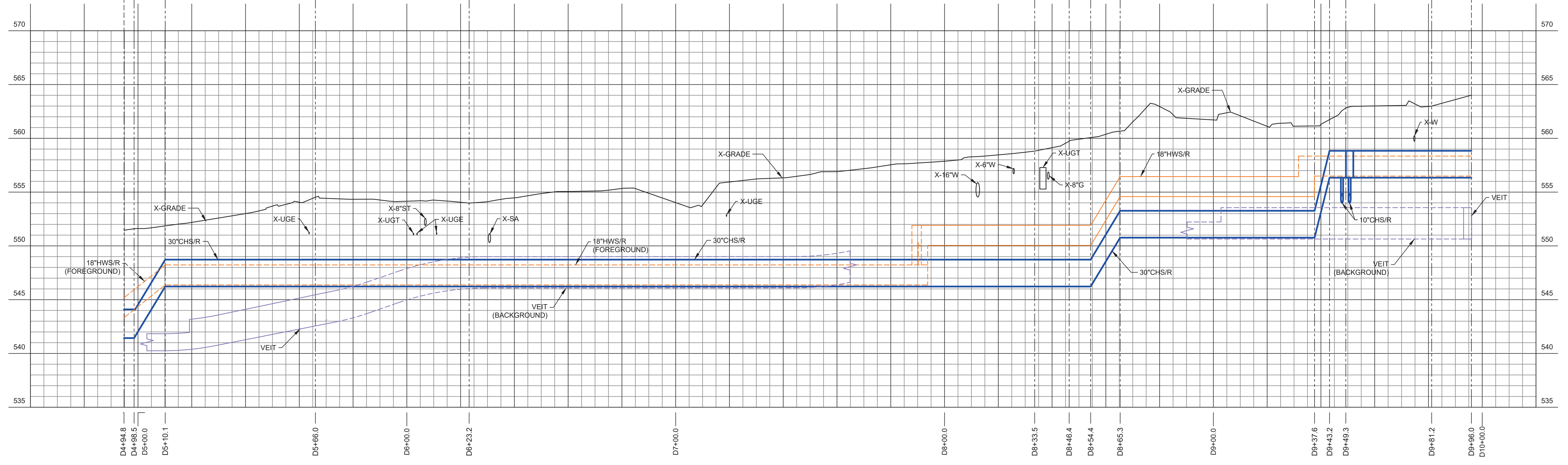
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Date: 02/25/22  
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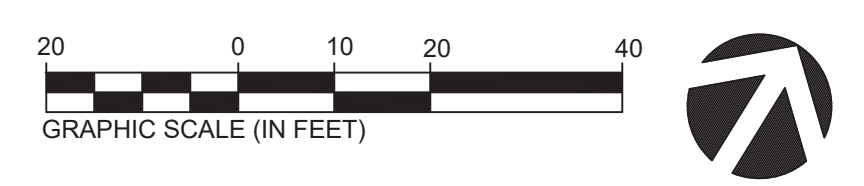
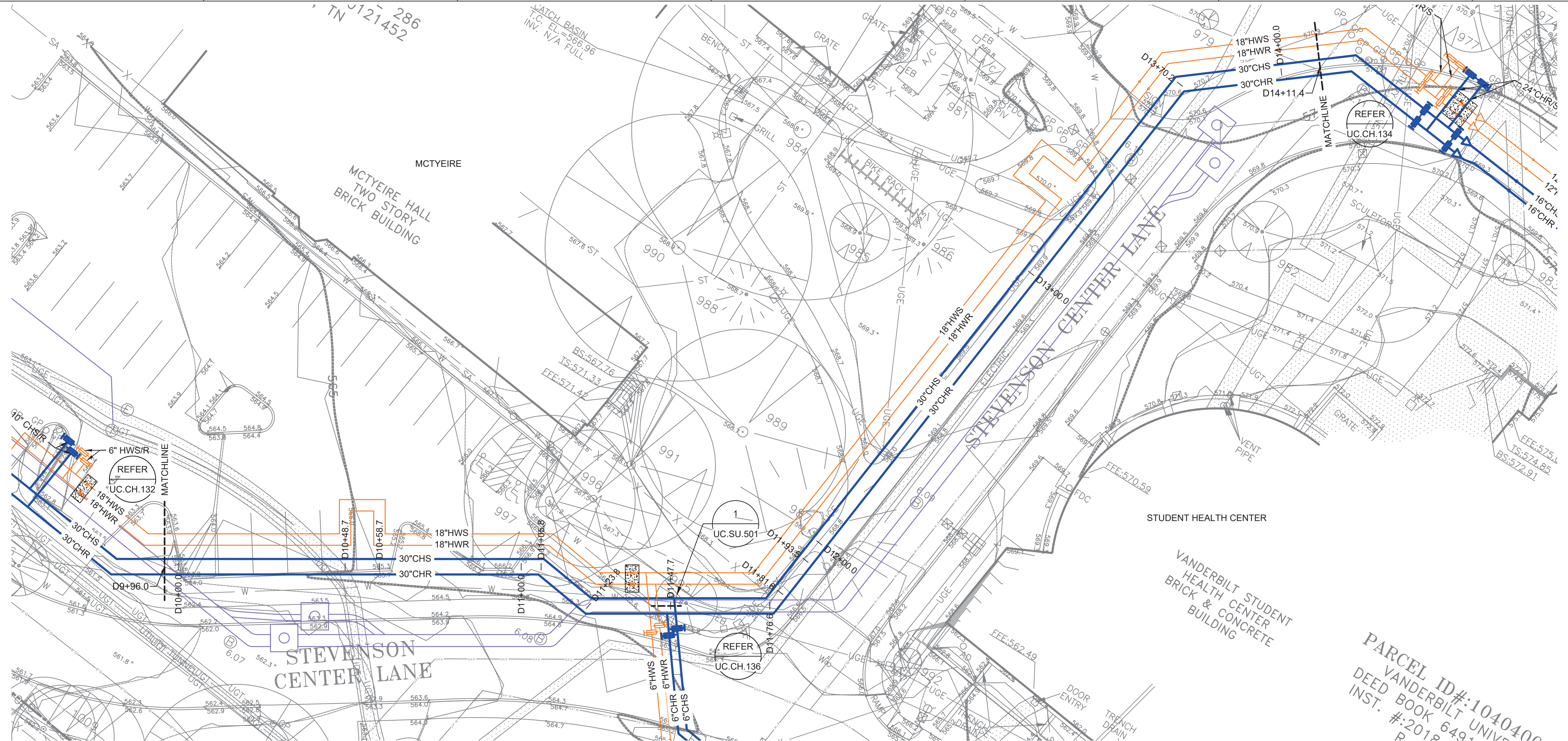
Project No.: 20566-01  
Checked By: BJP

Sheet No.:  
**UC.CH.132**

MATCHLINE 22.5' ELBOW 22.5' ELBOW 45' ELBOW 45' ELBOW 45' ELBOW 22.5' ELBOW 22.5' ELBOW 45' ELBOW 45' ELBOW 10" CHW BRANCH 40' ELBOW MATCHLINE



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



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 CENTRAL UTILITIES INITIATIVE  
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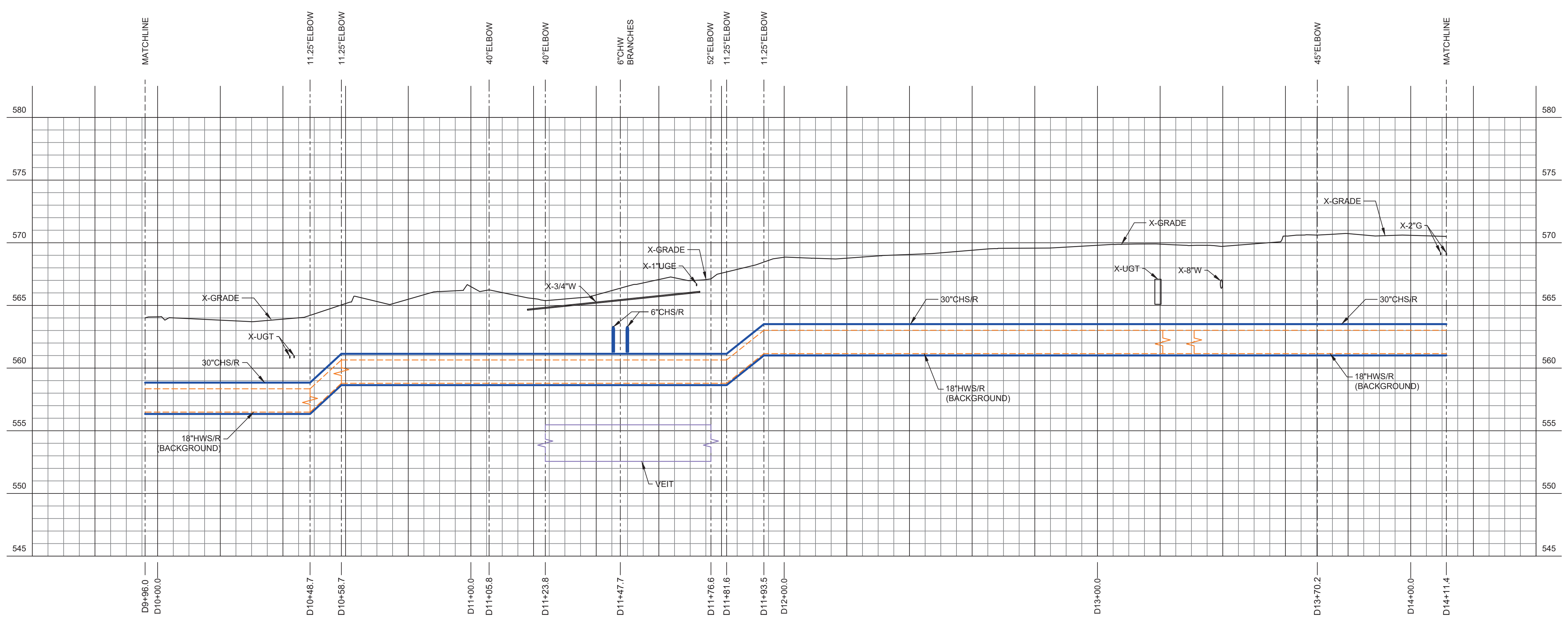
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Scale  
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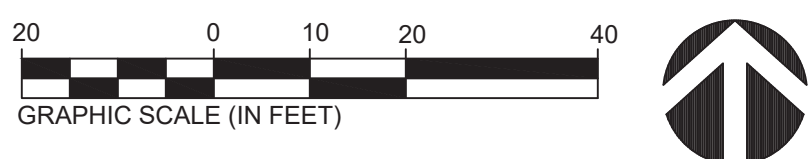
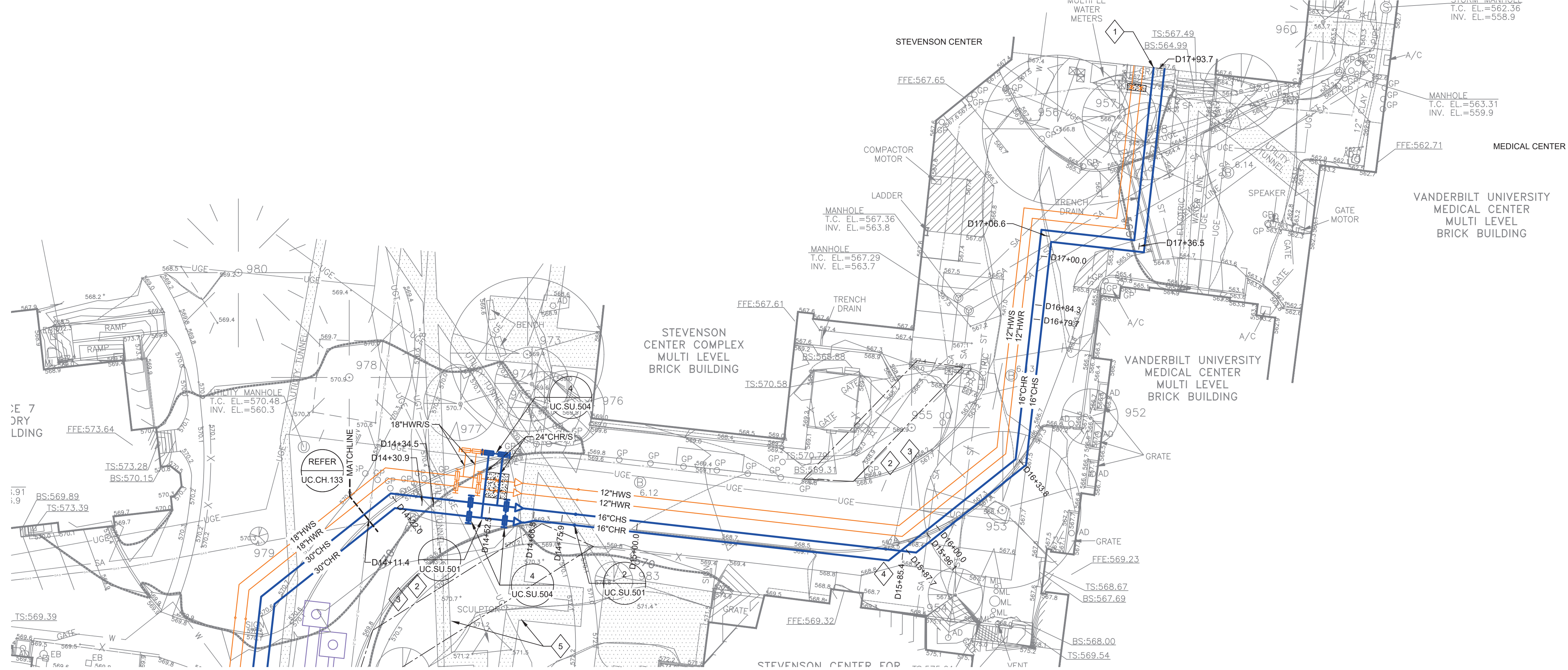
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Project No.: 20566-01  
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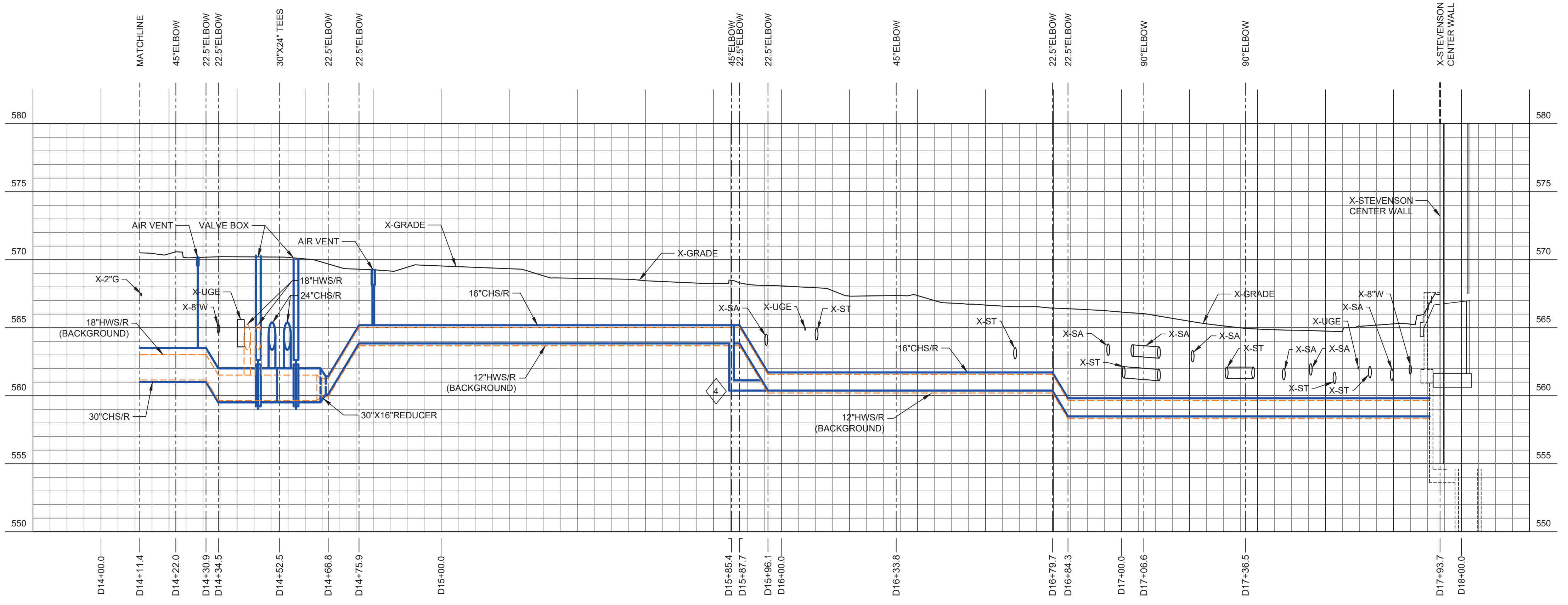


**1 CHILLED WATER PARTIAL PLAN AND PROFILE**  
 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE



- Sheet Keynotes:**
- NEW THERMAL UTILITIES TO PENETRATE INTO EXISTING AREAWAY. PROVIDE LINK SEALS FOR CORED OPENINGS. EXISTING AREAWAY SOUTH WALL TO BE REMOVED AND RE-POURED TO ALLOW FOR ADEQUATE SPACE FOR NEW THERMAL UTILITIES TO ENTER AND TURN VERTICAL. REFER TO THE STRUCTURAL DRAWINGS FOR AREAWAY MODIFICATIONS.
  - INSTALL NEW CHILLED WATER AND HOT WATER PIPING IN SEGMENTED, PHASED PROCESS TO MAINTAIN ONE LANE OF TRAFFIC AND FIRE ACCESS TO STEVENSON CENTER AT ALL TIMES.
  - CONSTRUCT TEMPORARY FIRE LANE IN THIS LOCATION CONSTRUCTED FROM RAILROAD BALLAST, STEEL PLATE OR LOGGING MATS. FIRE LANE SHALL SUPPORT THE WEIGHT OF AN 80,000LB FIRE TRUCK AND BE CONTINUOUSLY SMOOTH SLOPE WITH NO DIPS OR HUMPS. TRIM UP TREES AS REQUIRED FOR VEHICLE ACCESS. RESTORE LIGHTING, GRADES, VEGETATION, CURBS AND SURFACES TO ORIGINAL CONDITION ONCE NEW THERMAL UTILITY INSTALLATION IS COMPLETE.
  - CHILLED WATER SUPPLY AND RETURN CROSS AT THIS LOCATION. PROVIDE FITTINGS REQUIRED TO MAKE CROSSING.
  - EXISTING HPS NOT LOCATING DURING UTILITY EXPLORATION. CONTRACTOR SHALL FIELD VERIFY DEPTH OF STEAM PIPES PRIOR TO INSTALLATION OF NEW UTILITIES.

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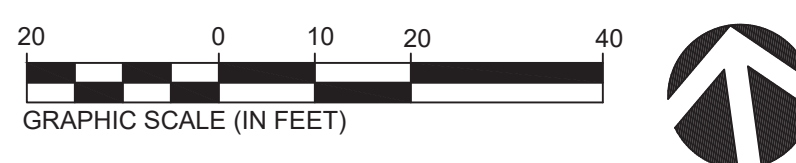
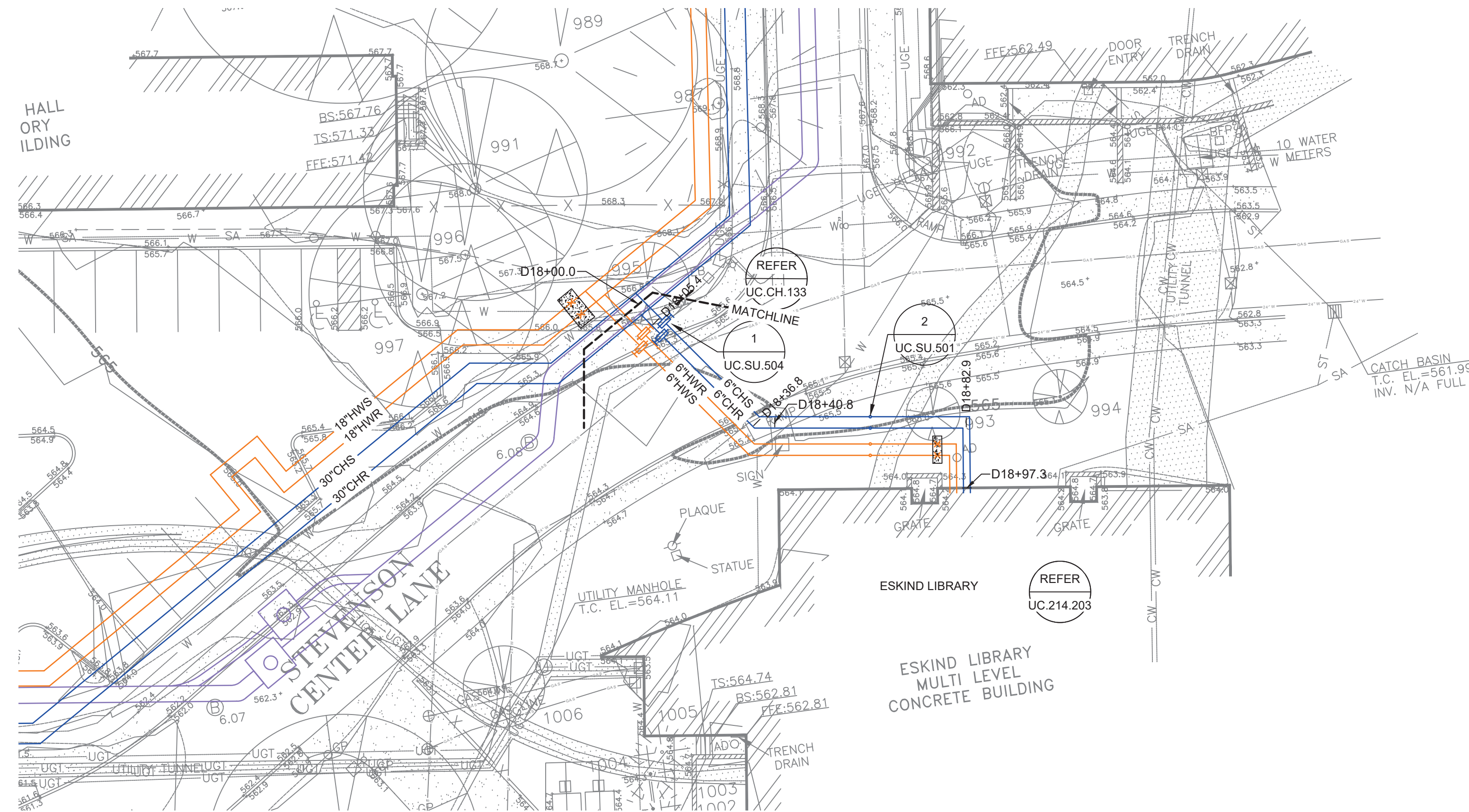
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 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE

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 UTILITY CORRIDORS (UC)

Sheet Title  
**CHILLED WATER PARTIAL PLAN AND PROFILE**

Scale  
 AS NOTED

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02/25/22	TJN
Project No.	Checked By
20566-01	BJP
Sheet No.	
<b>UC.CH.134</b>	



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 CENTRAL UTILITIES INITIATIVE  
 UTILITY CORRIDORS (UC)

Sheet Title

**CHILLED WATER PARTIAL PLAN AND PROFILE**

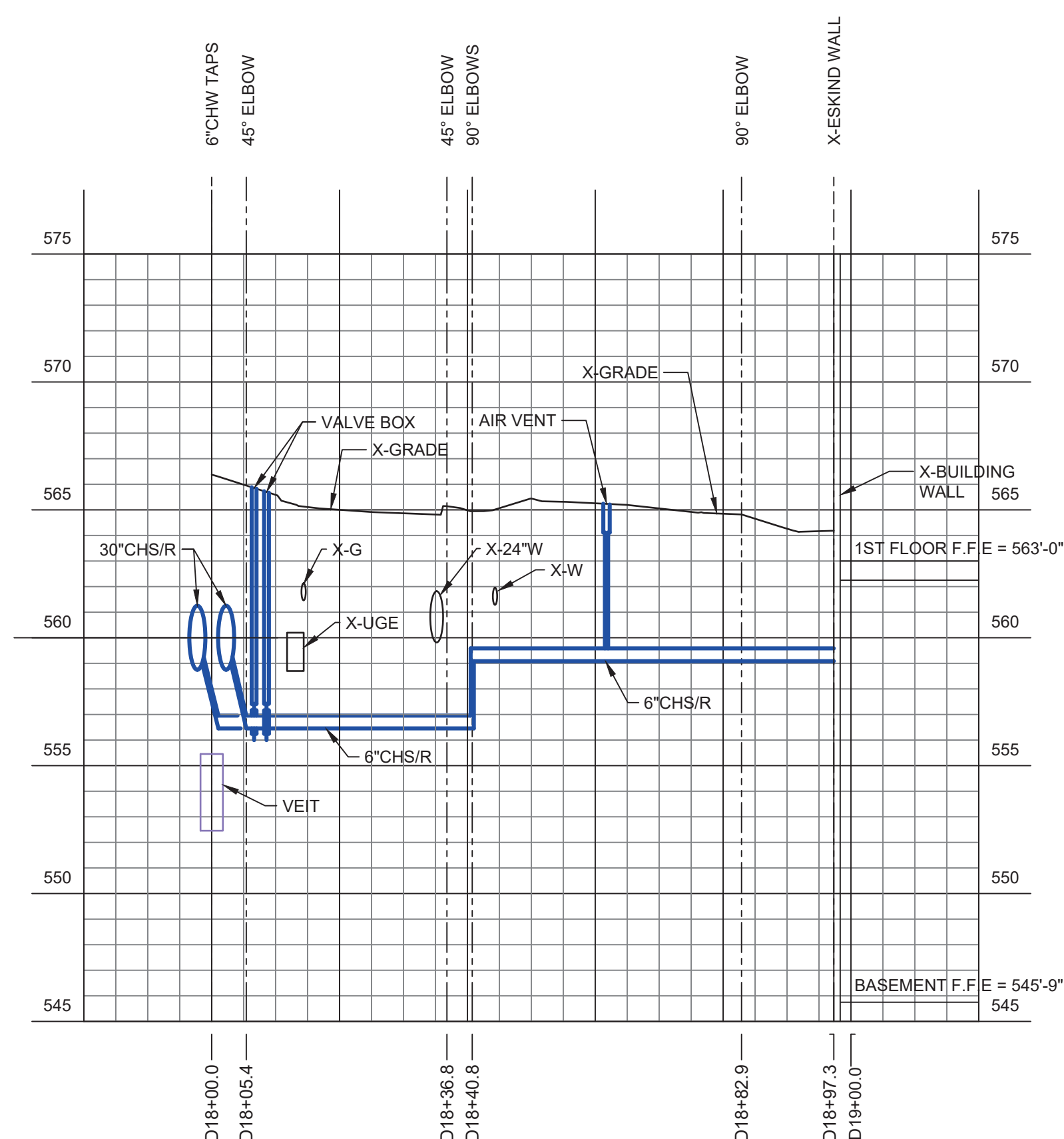
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Date: 02/25/22  
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Project No.: 20566-01  
 Checked By: BJP

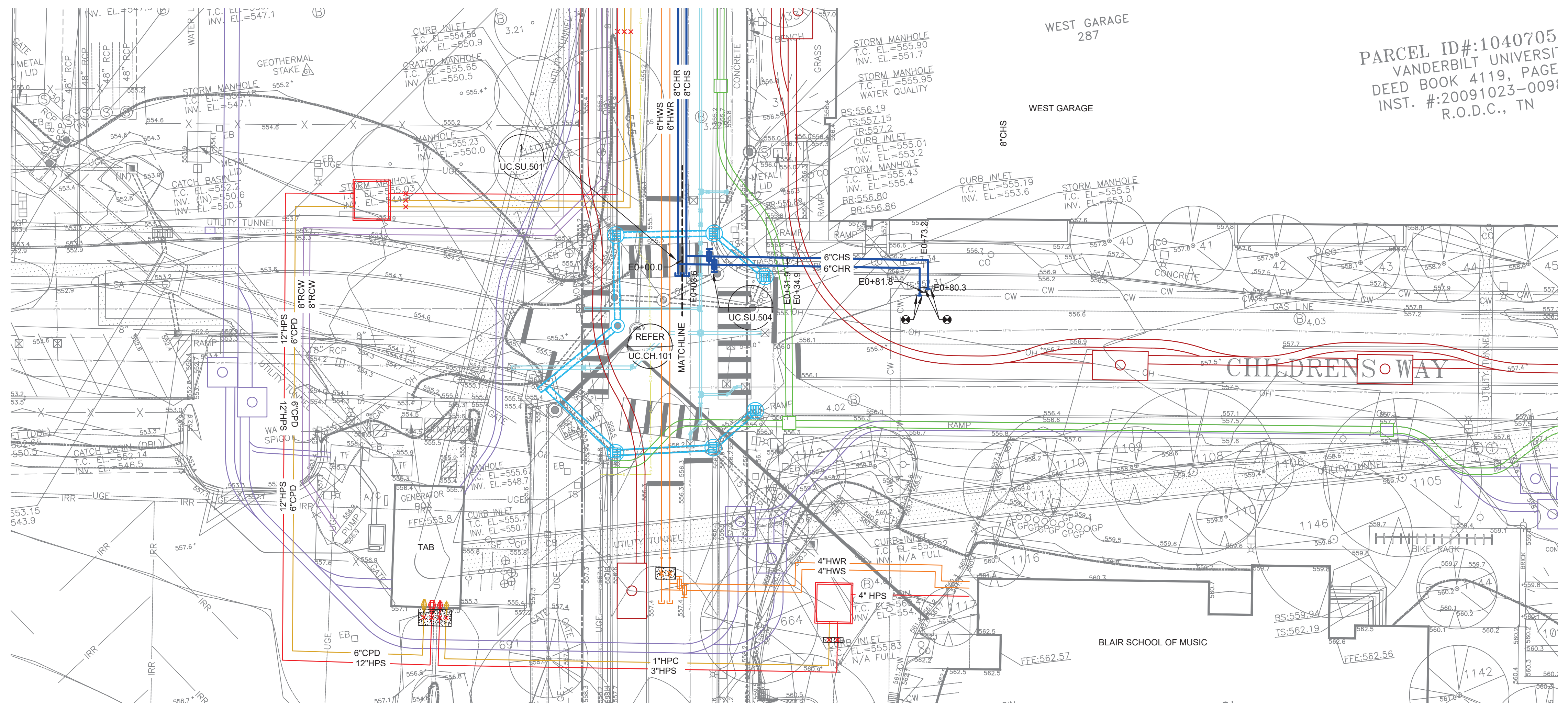
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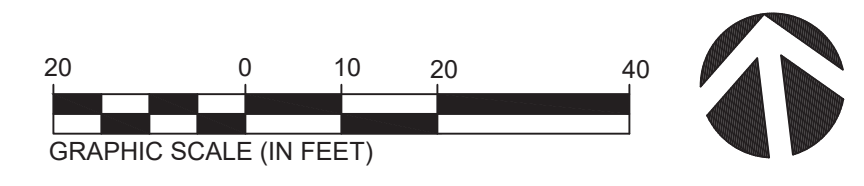


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 SCALE: 1" = 20'-0" HORIZONTAL  
 1" = 5'-0" VERTICAL  
 1" = 20'-0" SITE

PARCEL ID#:1040705  
 VANDERBILT UNIVERSIT  
 DEED BOOK 4119, PAGE  
 INST. #:20091023-0091  
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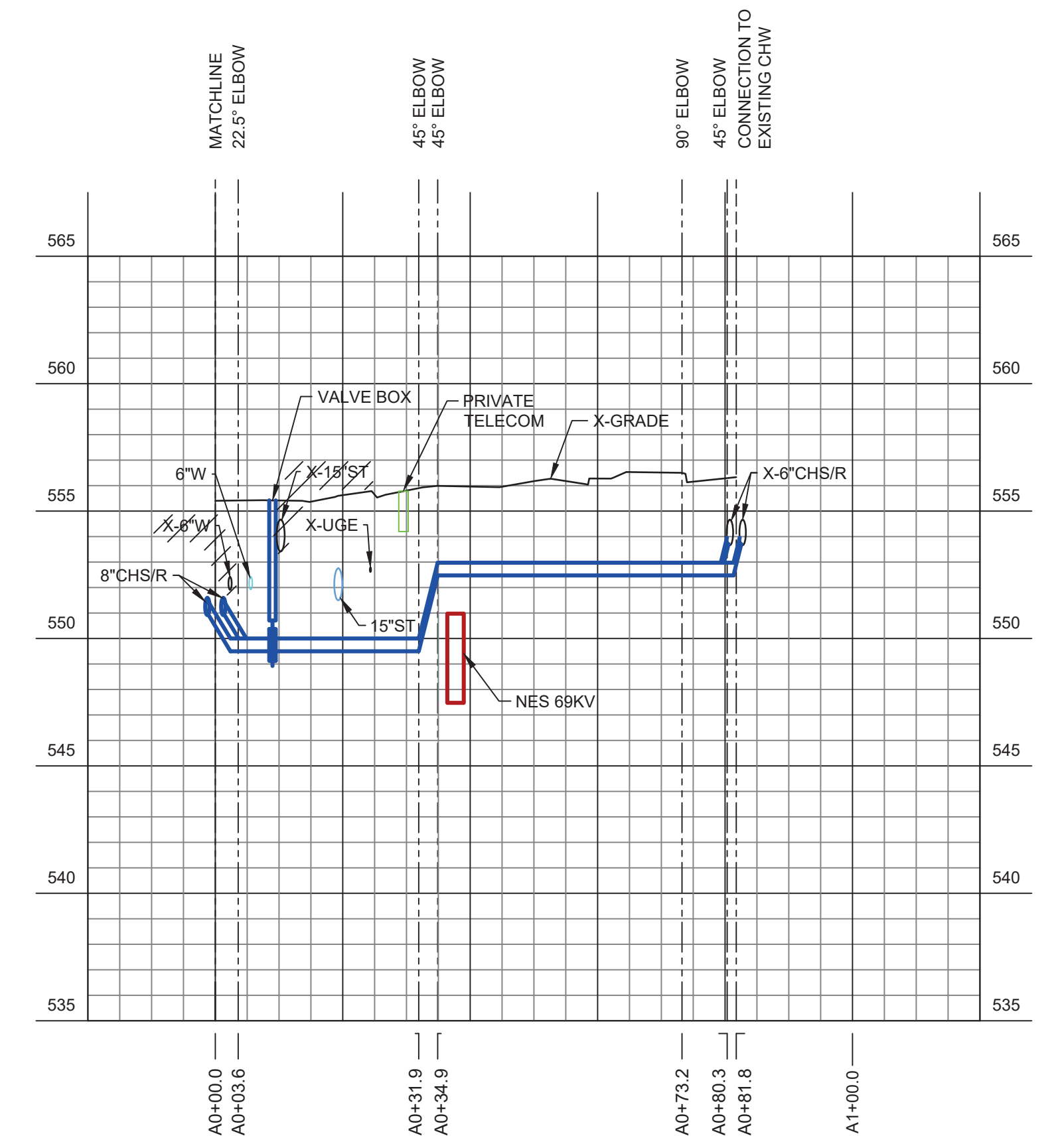


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**1 CHILLED WATER PARTIAL PLAN AND PROFILE**  
 SCALE: 1"=20'-0" HORIZONTAL  
 1"=5'-0" VERTICAL  
 1"=20'-0" SITE

Sheet Title  
**CHILLED WATER  
 PARTIAL PLAN AND  
 PROFILE**

Scale  
 AS NOTED

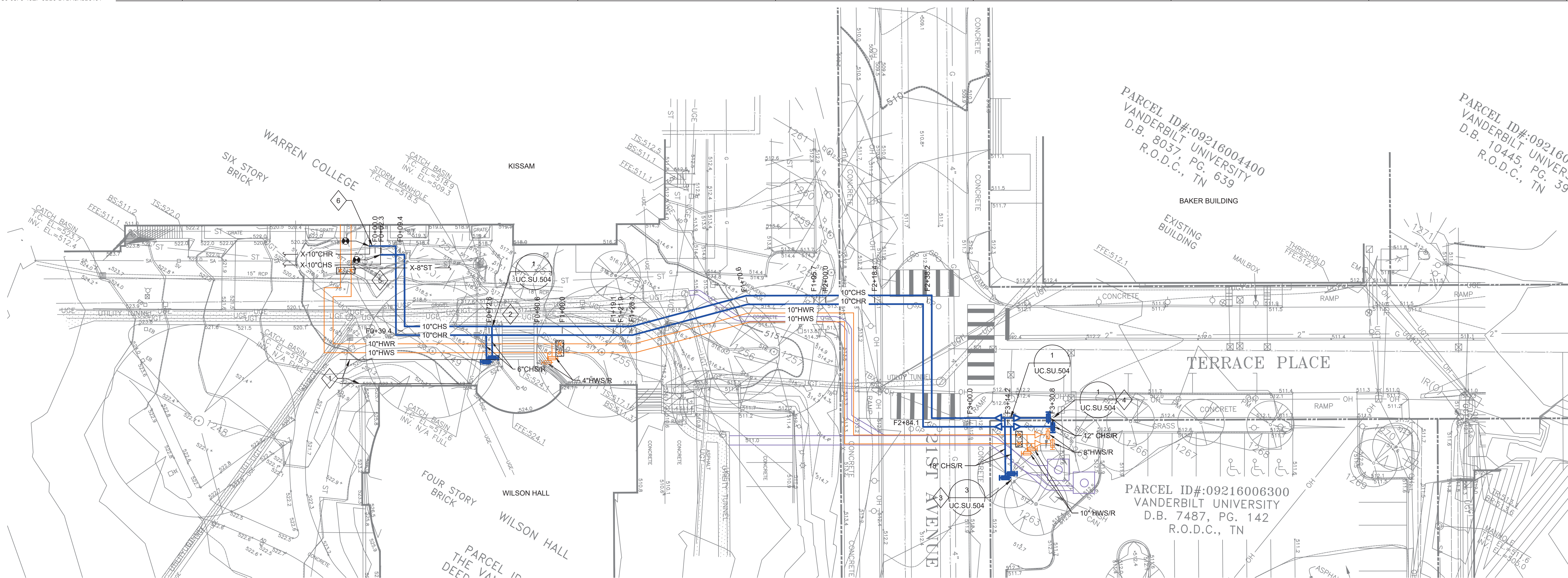
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Project No: 20566-01  
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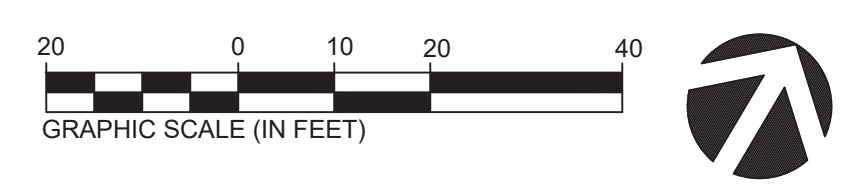
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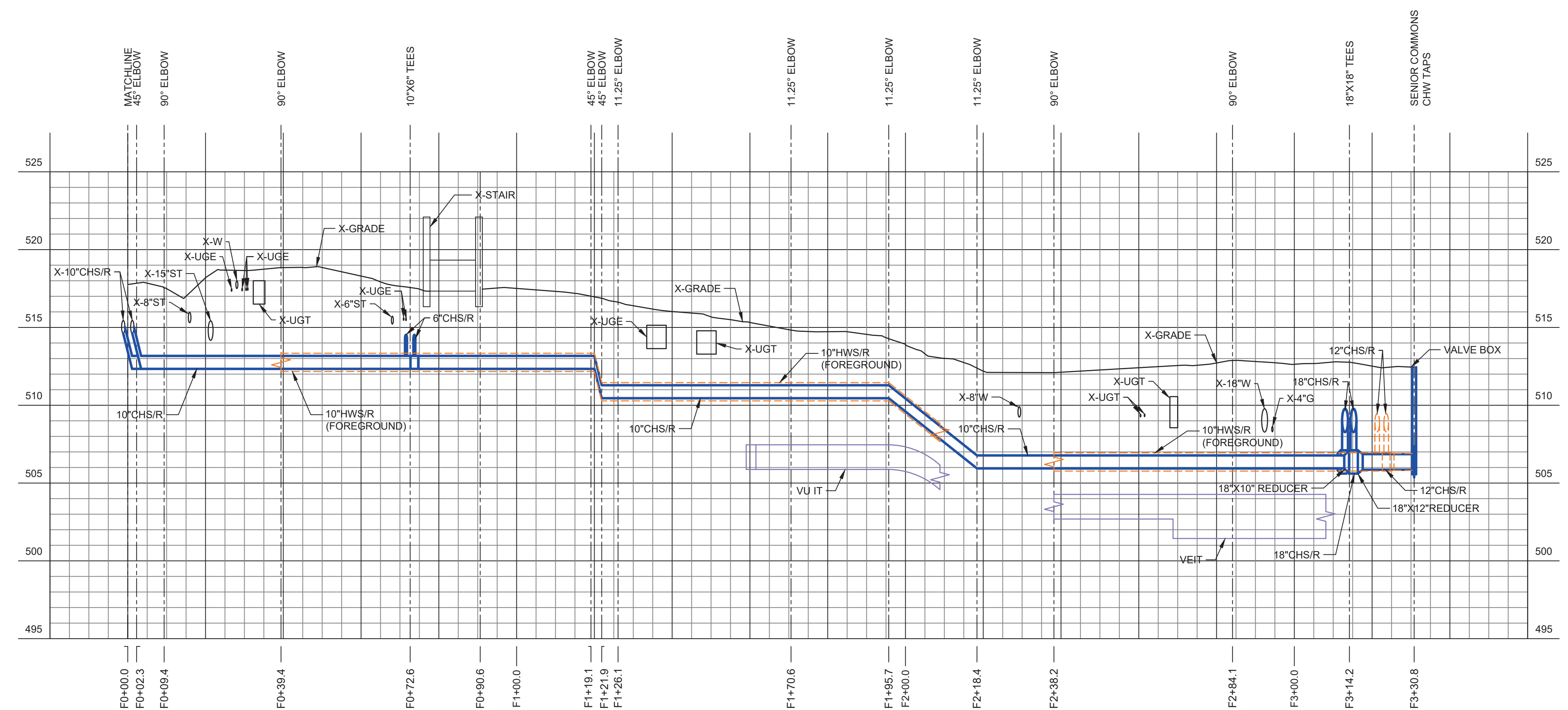
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- Sheet Keynotes:
- 1 PROVIDE TEMPORARY WOODEN STAIR TO NORTH ENTRANCE OF WILSON HALL FOR USE DURING CONSTRUCTION OF NEW THERMAL UTILITIES.
  - 2 REMOVE AND REPLACE NORTH ENTRANCE STAIR TO WILSON HALL. REFER TO LANDSCAPE PLANS.
  - 3 18\"/>



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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 No.  
**UC.CH.151**