

Addendum D2

re: **Centerville-Abington Community Schools**
Centerville-Abington Transportation Building
 473003.00

issue date: **March 21, 2022**

This Addendum forms a part of the Contract Documents for the above-referenced project and is issued in accordance with the Instructions to Bidders. Acknowledge receipt of this addendum by inserting its number in the space provided in the bid form.

ITEM	LOCATION	DESCRIPTION
A2.01	GENERAL Pre-Bid Meeting Memorandum	<u>ADD:</u> The attached Pre-Bid Meeting Memorandum dated March 16, 2022 shall be included as an integral part of the project construction documents.
A2.02	GENERAL Pre-Bid Sign-In	<u>ADD:</u> The attached Pre-Bid Sign-In Sheet dated March 16, 2022 shall be included as an integral part of the project construction documents.
<u>CIVIL:</u>		
C2.01	DRAWING C4.0 Site Utility Plan (Drawing Reissued)	<u>CLARIFICATION:</u> Modified proposed gas line location based on conversations with the gas company – see reissued sheet C4.0.
C2.02	DRAWING C6.0 Site Plans Northwest and Alternate #7 Plans (Drawing Reissued)	<u>CHANGE:</u> Modified plans due to the change in the proposed gas service route location - see reissued sheet C6.0.



Addendum D2

Centerville-Abington Transportation Building

March 21, 2022

Page 2

ITEM	LOCATION	DESCRIPTION
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ELECTRICAL:

E2.02 GENERAL
Electrical Items

ADD:

Attached please find Addendum 2 write up from SCO Engineering, LLC dated March 21, 2022 addressing Electrical items.

Submitted by:
The Moake Park Group, Inc.



Jeff E. Schroeder
Project Architect



attachments: Pre-Bid Meeting Memorandum
Pre-Bid Sign-In Sheet
SCO Engineering Addendum 2 Write Up
Drawing E1.1
Drawing E6.1
Drawing CE1.1
Drawing C4.0
Drawing C6.0

copies: All Plan Holders
473003/670

Pre-Bid Meeting Memorandum

date: March 16, 2022

re: **Centerville-Abington Community Schools**
Centerville-Abington Transportation Building
MPG Project #473003

purpose: **Pre-Bid Meeting**

Owner: **Dr. Mike McCoy**
Centerville-Abington Community Schools

Architect: **Jeremy M. Ogle, RA**
Moake Park Group, Inc.

Civil: **Diane Reynolds**
Engineering Resources, Inc.

Mechanical/Electrical: **Tom Offerle**
Steve Baker
SCO Engineering

1. Bids will be received until 2:00 p.m. local time, March 29th at Centerville Abington Community Schools Administration Building located at 115 West South Street Centerville, IN 47330.
 - A. All Bids received at such place, date and time will be publicly opened and read aloud. Bids received after such time will be returned to the respective Bidder, unopened.
 - B. The Bids will be received on a lump sum basis. Each proposal shall include all labor, material; and services necessary to complete the project in strict accordance with the Construction Drawings.
 - C. Owner intends to award contract after Board approval.
2. Each Bid must be accompanied by a bid security, which shall not be less than five percent (5%) of the Base Bid, in the required form and submitted in accordance with the Instructions to Bidders.
3. The Bidder to whom an award is made, shall furnish a 100% Performance Bond & Labor and Material Payment Bond in accordance with the Instructions to Bidders.
4. No Bid shall be modified, withdrawn or canceled for a period of sixty (60) calendar days after the date and time set for receipt of Bids.
5. Bidders and sub-contractors shall not discriminate in employment practices.
6. The Bidder shall submit a properly executed Contractor's Qualification Statement, AIA Document A305.



Pre-Bid Meeting Agenda
Centerville Abington Community Schools - Transportation Building
March 16, 2022
Page 2

7. The unified contract issued to the successful bidder will be a “No Lien Contract.”
8. Conduct:
 - A. There shall be no smoking, alcohol, or illegal drugs. Contractors shall conduct themselves in an appropriate manner and shall not interact with students. Any person found acting inappropriately will be removed from the site immediately.
 - B. Each Contractor shall wear visible identification of company they represent. Each contractor company is responsible for the employee representation on the project site.
9. Security:
 - A. Each Contractor shall be responsible for their own security of tools and personal property.
10. Temporary Facilities:
 - A. Contractor shall provide temporary office, telephone, and toilets for the construction site as required in Specification Section 015000 – Temporary Facilities and Controls.
11. The project schedule is generally defined as Spring 2022 thru Spring 2023.
 - A. Buses must be able to be moved to the new lot with power for engine block heaters active by December 1, 2022.
12. The project will have 1 Phase. GC is expected to permit the project to allow for buses to be relocated by December 1, 2022. This will require that vehicular access and power to the engine block heaters is complete. This will also require proper separation of the construction project from the newly occupied bus parking area.
13. Questions will not be answered verbally today. The Project Team will record all questions and answers will be issued via addendum.
14. Alternates:
 - Alternate No. 1: Mezzanine
 - Alternate No. 2: Bus Lift
 - Alternate No. 3: Crane Lift
 - Alternate No. 4: CMU in maintenance bays
 - Alternate No. 5: PEMB Entrance Canopy
 - Alternate No. 6: Site Fencing.
 - Alternate No. 7: North Site Entrance.
 - Alternate No. 8: Main Entrance Gate Operator and Access Control.
 - Alternate No. 9: North Entrance Gate Operator and Access Control.
15. Summary of Work:
 - A. Architectural – Jeremy Ogle
 - B. Civil – Diane Reynolds

- C. Mechanical – Steve Baker
- D. Electrical – Tom Offerle
- 16. Site Tour.
- 17. Discussion items:

Question:

Utility fee responsibility?

Response:

Centerville - Abington Community Schools will pay all fees to the local utility company as required to provide new electrical service. Electrical Contractor shall provide and install all raceways and conductors to utility easements as described on construction documents.

Centerville – Abington Community Schools will pay all fees to the local utility company as required to provide new gas service for the project. The Contractor is responsible for coordinating and scheduling all work with the gas company.

The Contractor is responsible for all work to install proposed water service, storm sewer and sanitary sewer as shown on the construction documents. All tapping fees for water and sewers will be paid for by the Owner.

Question:

What is the Project Schedule?

Response:

The construction schedule is generally Spring 2022 through Spring 2023. As stated, the Owner needs for the bus lot and bus driver parking areas to be complete and operational by December 1, 2022. This will require electrical service for the engine block heaters to be installed and complete for proper operation and powering of the engine block heater outlets.

Submitted by:

Moake Park Group, Inc.



Jeremy M. Ogle, RA
Project Architect

Any additions or corrections to this memorandum must be submitted, in writing, to Moake Park Group, Inc. within ten (10) days of issue date; otherwise, this memorandum shall stand as correct.

issue date: March 21, 2022

copies: Those in Attendance
473003/750

Centerville-Abington School Corporation
 Centerville-Abington Transportation Building
 473003.00

March 16, 2022

PRE-BID SIGN IN SHEET

Name:	Steve Baker	Company:	SCO (Mech/Plumb)
Address:		Email:	sjbaker@SCO-llc.com
City/State/Zip:		Phone:	Fax:
Name:	TOM OFFICILE-	Company:	SCO LONGER
Address:		Email:	TOFFICILE-@SCO-LLC.COM
City/State/Zip:		Phone:	1-436-9213 Fax:
Name:	BRAD CULLY	Company:	CULLY MECH ELEC.
Address:	7312 BAKER RD	Email:	BCULLY@YAHOO.COM
City/State/Zip:	HAGERSTOWN IN	Phone:	765 969 5957 Fax:
Name:	Diane Reynolds	Company:	Engineering Resources
Address:		Email:	diane@eri.consulting
City/State/Zip:		Phone:	(260) 451-9747 Fax:
Name:	Ken Harris	Company:	Thor Construction
Address:		Email:	
City/State/Zip:		Phone:	Fax:
Name:	Jeremy Ogle	Company:	Moake Park Group
Address:		Email:	jogle@moakepark.com
City/State/Zip:		Phone:	260 424 6516 Fax:
Name:	Dr Mike McCoy	Company:	Centerville Abington Schools
Address:		Email:	
City/State/Zip:		Phone:	Fax:



Addendum

6534 Constitution Drive
Fort Wayne, IN 46804
(260) 436-9213
fax (260) 432-5481

ADDENDUM NO. 2
DATE: March 21, 2022
PROJECT: Centerville-Abington Transportation Building
COMMISSION NO. **SCO** Engineering, LLC – 212600

The Contractor shall incorporate, into the Contract Documents and into his bid, the following changes and/or clarifications to the Drawings, Specifications and Scope of Work.

Item 1

Delete (2) welding outlets refer to drawing E1.1

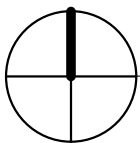
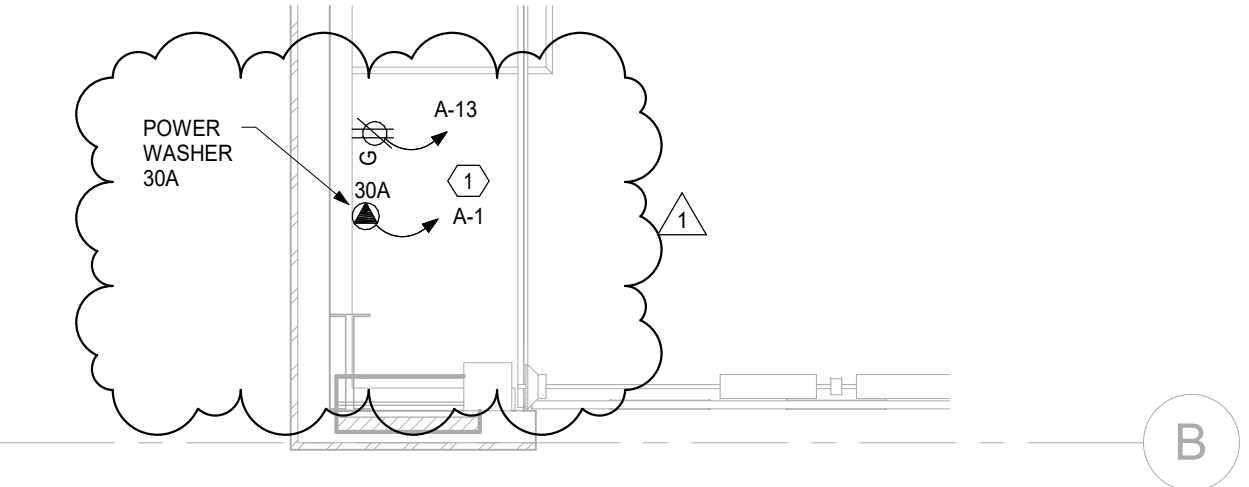
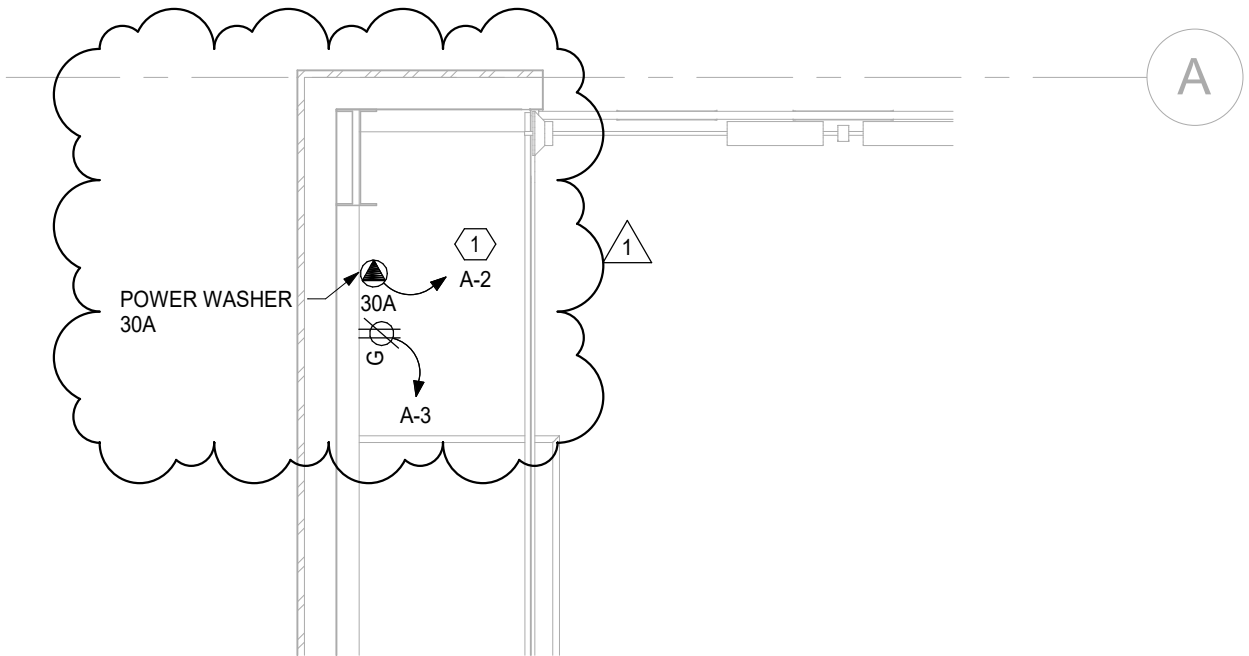
Item 2

Drawing E6.1 refer to revised electrical diagram.

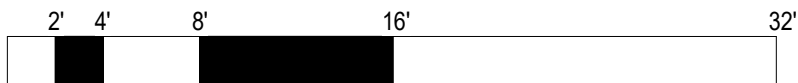
Item 3

Drawing CE1.1 refer to revised electrical drawing

END OF ADDENDUM NO. 2



1st FLOOR ELECTRICAL POWER PLAN



SCALE



SOLUTIONS PROVIDED • PROBLEMS SOLVED

FORT WAYNE
6534 Constitution Drive
Fort Wayne, IN 46804

(260) 436-9213
(260) 432-5481 fax
scofw@sco-llc.com

Centerville Abington
Community Schools

Transportation Building

Electrical Power Plan

Project number (212600)

Date 03/21/22

Drawn by SJB

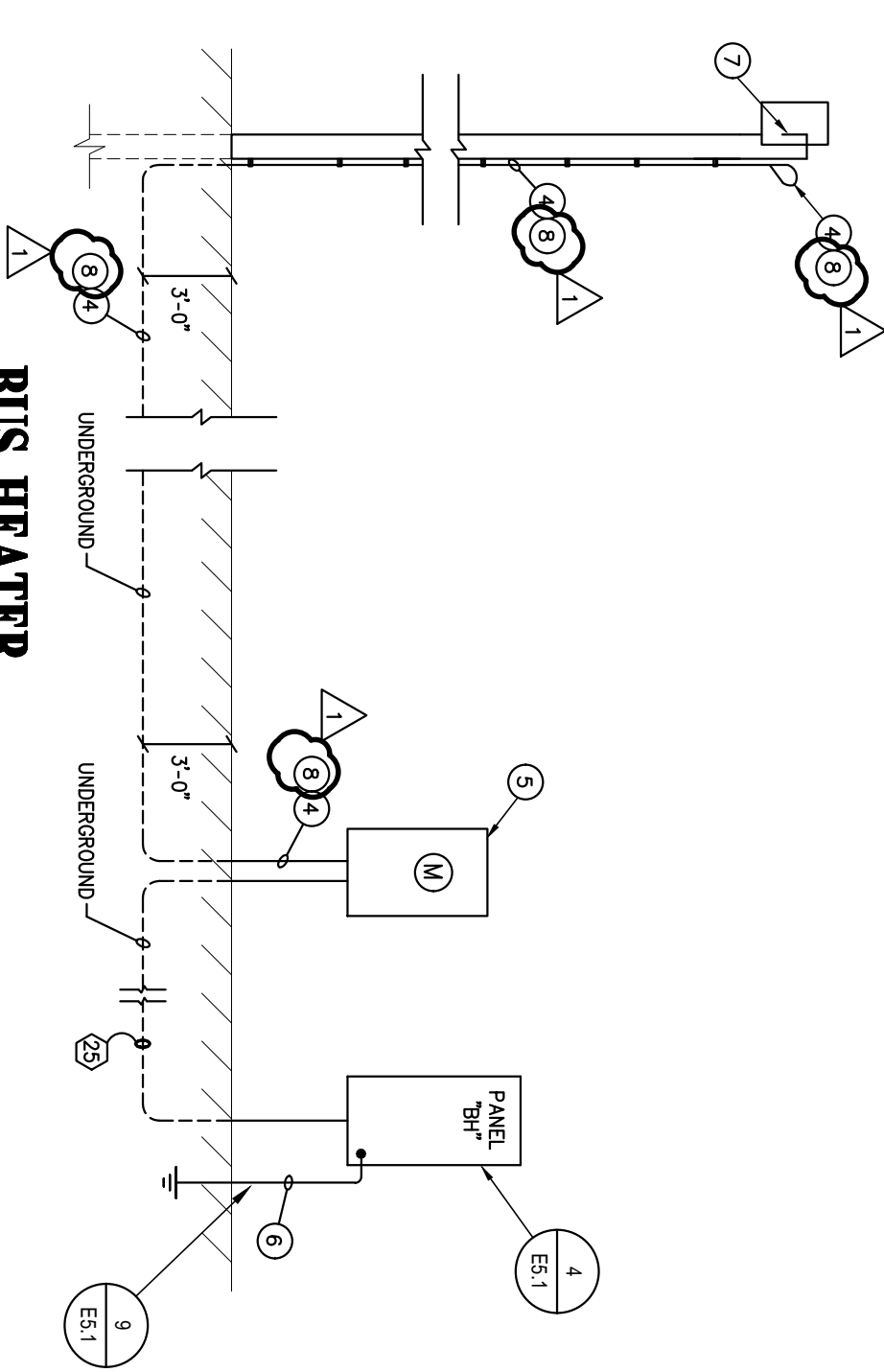
Checked by TPO

E-1.1

Scale 1/4" = 1'-0"

ELECTRICAL RISER DIAGRAM NOTES

8 ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL (4) #4/0 WITH 5' SERVICE LOOP AT TOP OF POLE FOR UTILITY CONNECTION. COORDINATE ALL WORK WITH LOCAL UTILITY COMPANY.



BUS HEATER ELECTRICAL RISER DIAGRAM

NOT TO SCALE



SOLUTIONS PROVIDED • PROBLEMS SOLVED

FORT WAYNE
6534 Constitution Drive
Fort Wayne, IN 46804

(260) 436-9213
(260) 432-5481 fax
scotw@SCO-llc.com

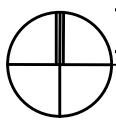
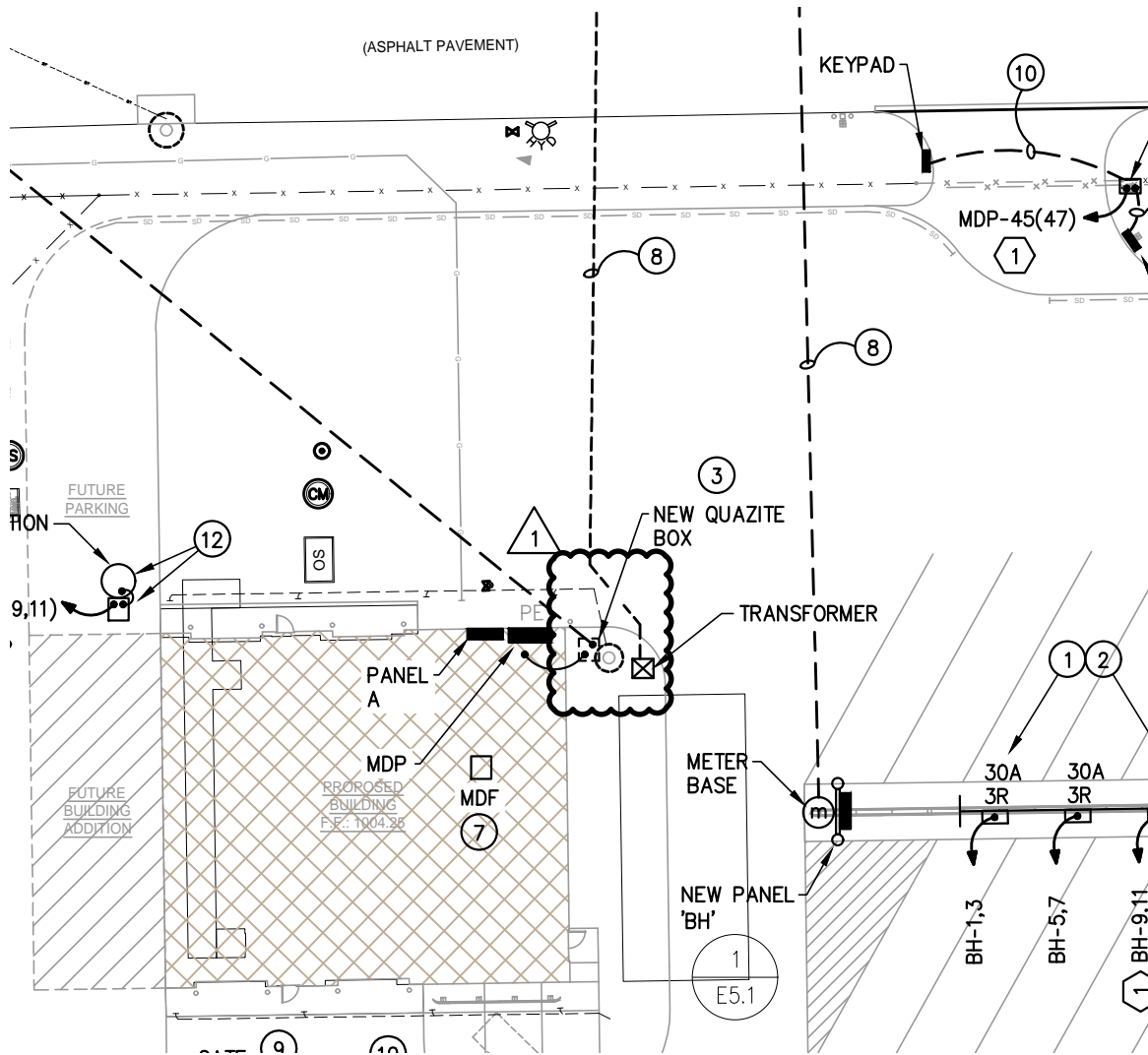
Centerville Abington
Community Schools

Transportation Building

Electrical Details


Project number	212600
Date	03/21/22
Drawn by	SJB
Checked by	TPO

E6.1

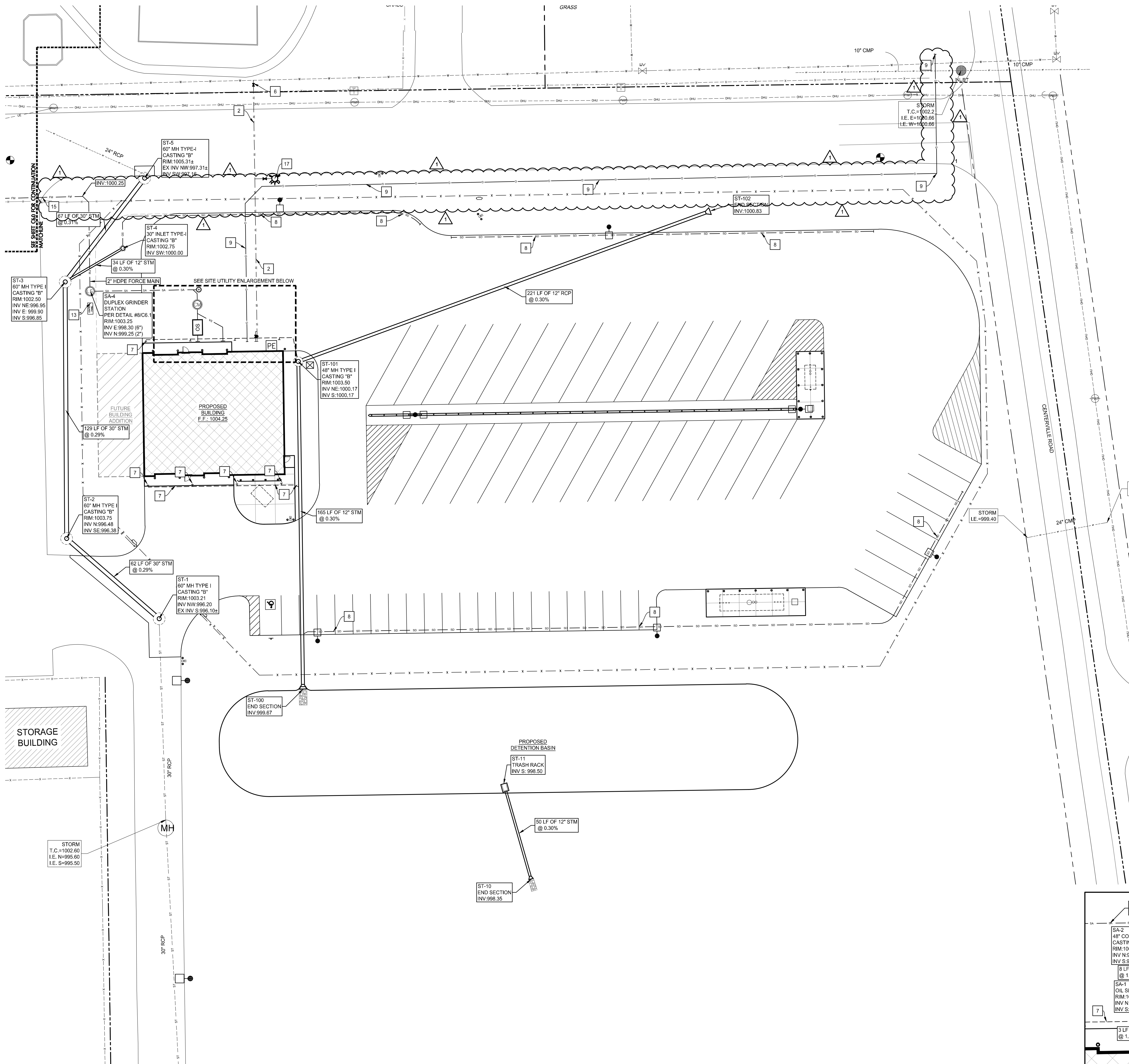


ELECTRICAL SITE PLAN



 <p>SCO ENGINEERING, LLC SOLUTIONS PROVIDED • PROBLEMS SOLVED</p> <p>FORT WAYNE 6534 Constitution Drive Fort Wayne, IN 46804</p> <p>(260) 436-9213 (260) 432-5481 fax scofw@SCO-llc.com</p>	<p>Centerville Abington Community Schools</p> <p>Transportation Building</p>	<h2>Electrical Site Power Plan</h2>		<h1>CE1.1</h1>
		Project number	212600	
		Date	03/21/22	
		Drawn by	SJB	
Checked by	TPO			

March 21, 2022 2:33 PM
 S:\Projects\Projects (5000-5999)\Projects (5450-5499)\Centerville Bus Garage Site\Drawings\Plans\5481-C4.0 Site Utility Plan.dwg



1 Site Utility Plan
 1" = 20'-0"

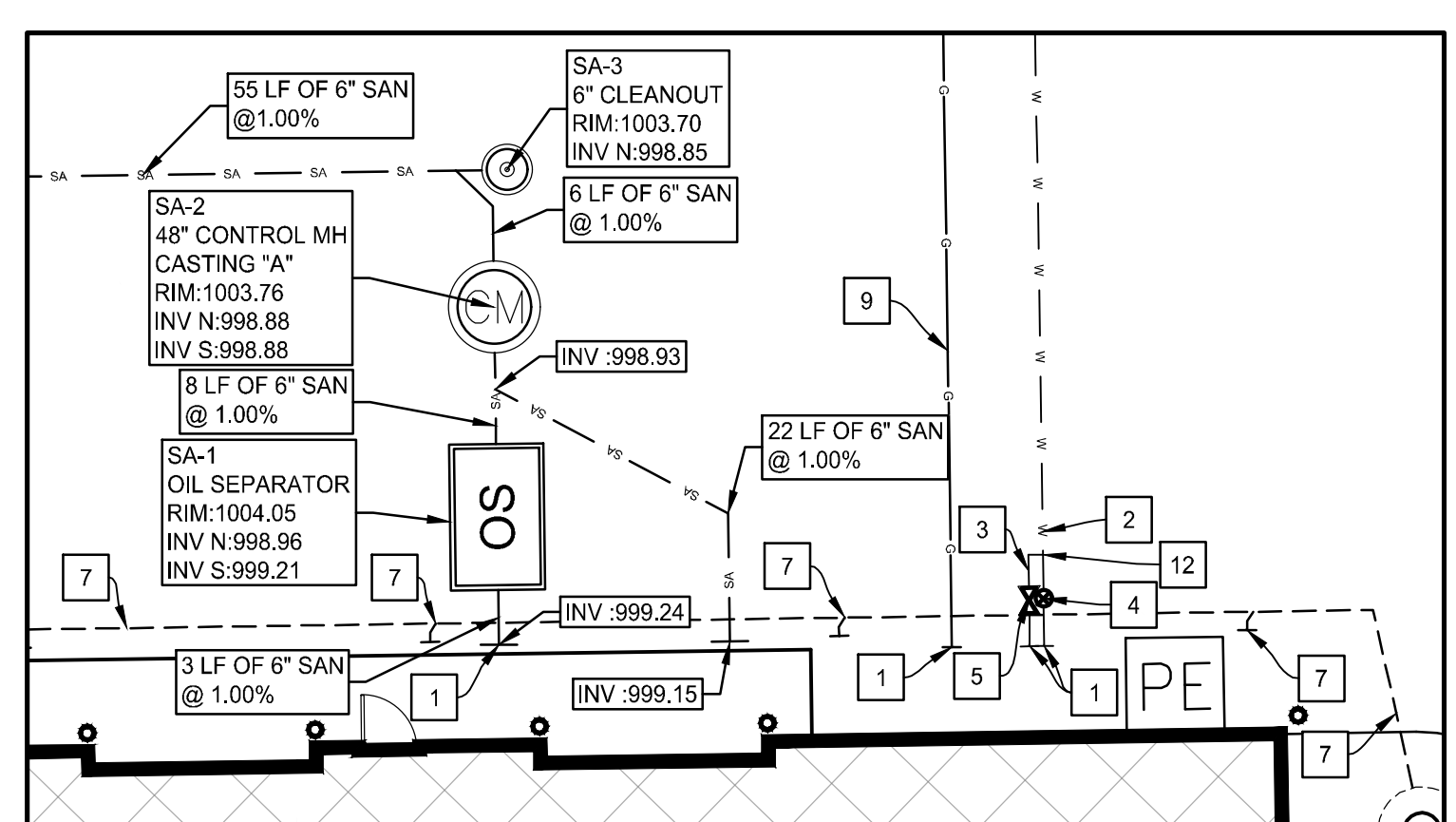
PROPOSED LEGEND:

□	STORM INLET / MANHOLE	— SA — SA — SA — SA —	STORM SEWER
○	SANITARY CLEANOUT	— SA — SA — SA — SA —	SANITARY SEWER
⊙	CONTROL MANHOLE	— GAS — GAS — GAS — GAS —	GAS LINE
⊕	LIFT STATION	— W — W — W — W — W —	WATER LINE
⊖	OIL SEPARATOR	— FM — FM — FM — FM —	FORCE MAIN
⊗	GATE VALVE	— GAS — GAS — GAS — GAS —	GAS LINE
⊙	PIV	— SD — SD — SD — SD — SD —	SUBDRAIN

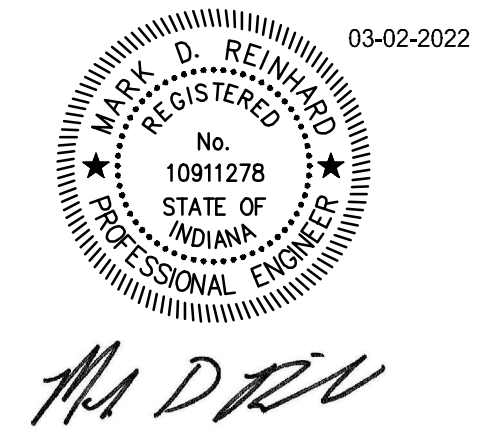
NOTE: PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES AND THE END OF END SECTIONS/TRASH RACKS UNLESS OTHERWISE NOTED.
 NOTE: ADJUST ALL EXISTING MANHOLES, VALVES, HYDRANTS AND HANDHOLES TO PROPOSED GRADES.
 NOTE: CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AS REQUIRED BY STATE AND LOCAL AUTHORITIES.

- UTILITY NOTES:**
- COORDINATE CONNECTION WITH THE BUILDING DRAWINGS.
 - 6" WATER LINE
 - 4" WATER LINE
 - 6" GATE VALVE, VALVE BOX, AND POST INDICATOR WITH STATUS SWITCH. SEE FIRE PROTECTION FOR CONNECTION TO CONTROL SYSTEM.
 - 4" GATE VALVE AND VALVE BOX
 - WATER CONNECTION, 6" X 6" TAPPING SLEEVE, VALVE & VALVE BOX.
 - DOWNSPOUT DRAIN @ MINIMUM 1.00%. CONNECT TO DOWNSPOUTS AS REQUIRED. MAINTAIN 3" MINIMUM COVER. SEE BUILDING PLANS.
 - 4" SUBDRAIN @ MIN. 2.0% PER DETAIL #7/C7.1.
 - FOR REFERENCE ONLY: GAS (BY UTILITY COMPANY)
 - TYPE "1" FIRE HYDRANT ASSEMBLY PER DETAIL #3/C7.1
 - FIELD VERIFY DEPTH AND LOCATION OF EXISTING UTILITY. NOTIFY ENGINEER AND WAIT FOR INSTRUCTION IF CONFLICTS WITH PROPOSED CONSTRUCTION.
 - 6"x4" TEE
 - INSTALL STAHLIN ENCLOSURES CONTROL PANEL MODEL #: "RJ1818HPL" OR APPROVED EQUAL. MOUNT CONTROL PANEL ON MOUNTING SYSTEM PER DETAIL ON ELECTRICAL PLAN. CONNECT SPECIFIED CONTROL PANEL TO DUPLEX GRINDER STATION PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE WITH SITE ELECTRIC PLANS.
 - CORE HOLE IN EXISTING MANHOLE FOR PROPOSED SANITARY CONNECTION. PROVIDE WATER TIGHT CONNECTION.
 - 2" FORCE MAIN TO BE DIRECTIONALLY DRILLED BELOW ASPHALT.
 - NOT USED.

- STORM SEWER NOTES:**
- MATERIAL AND WORKMANSHIP SHALL COMPLY WITH THE TOWN OF CENTERVILLE STANDARDS AND SPECIFICATIONS.
 - ALL PIPE 12" AND SMALLER SHALL BE SDR 35 PVC. OR ADS N-12 HDPE UNLESS OTHERWISE NOTED. ALL PIPE LARGER THAN 12" SHALL BE ADS N-12 HDPE OR C76 CL-111 RCP UNLESS OTHERWISE NOTED. ALL PIPE SHALL BE INSTALLED ACCORDING TO SPECIFICATIONS AND PIPE TRENCH DETAIL #1/C7.1.
 - MAINTAIN 10'-0" MINIMUM HORIZONTAL AND 18" MINIMUM VERTICAL SEPARATION BETWEEN ALL SEWER PIPING AND POTABLE WATER PIPING. WHEN MINIMUM TOLERANCES CAN'T BE MAINTAINED, USE WATERWORKS GRADE PIPE AND FITTINGS OF MATERIAL SELECTED.
 - COORDINATE TAP LOCATIONS FOR DOWNSPOUTS WITH BUILDING DRAWINGS. ASSURE ALL REQUIRED FITTINGS ARE INSTALLED ON THE MAIN LINE PRIOR TO BACKFILLING. INCLUDE ADAPTER FITTING FOR DOWNSPOUTS.
 - ALL UNDERGROUND PIPING FOR DOWNSPOUT COLLECTION SYSTEM SHALL BE 6" SDR 35 PVC STORM @ 1.00% MIN. SLOPE UNLESS NOTED OTHERWISE.
- NOTE:
 NOT ALL KEYNOTES ARE USED ON THIS SHEET.



2 Site Utility Enlargement
 1" = 10'-0"



**CENTERVILLE-ABINGTON COMMUNITY SCHOOLS
 TRANSPORTATION BUILDING**

A PROJECT FOR:



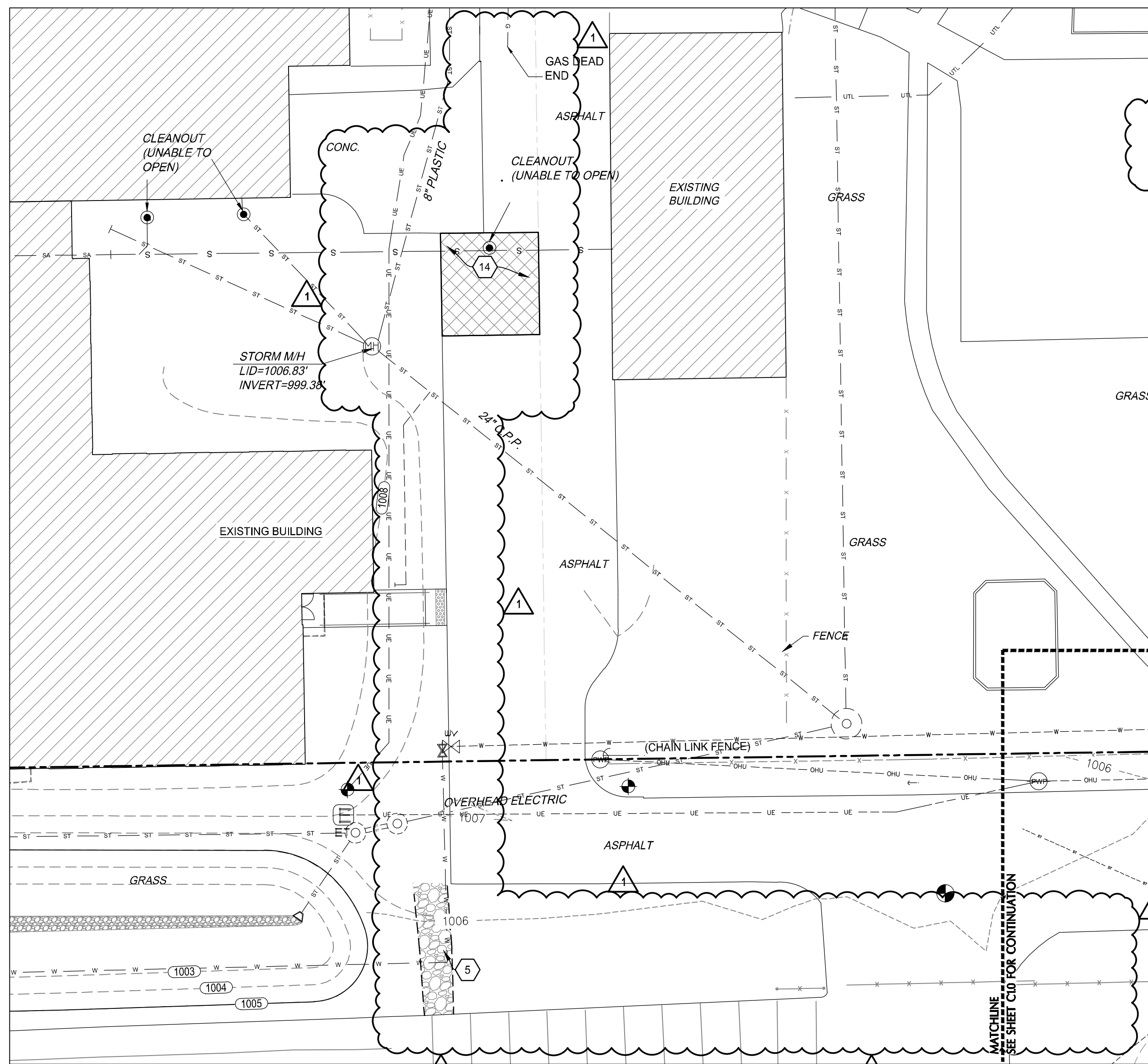
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mark	date	description
△	03/21/22	Addendum 2

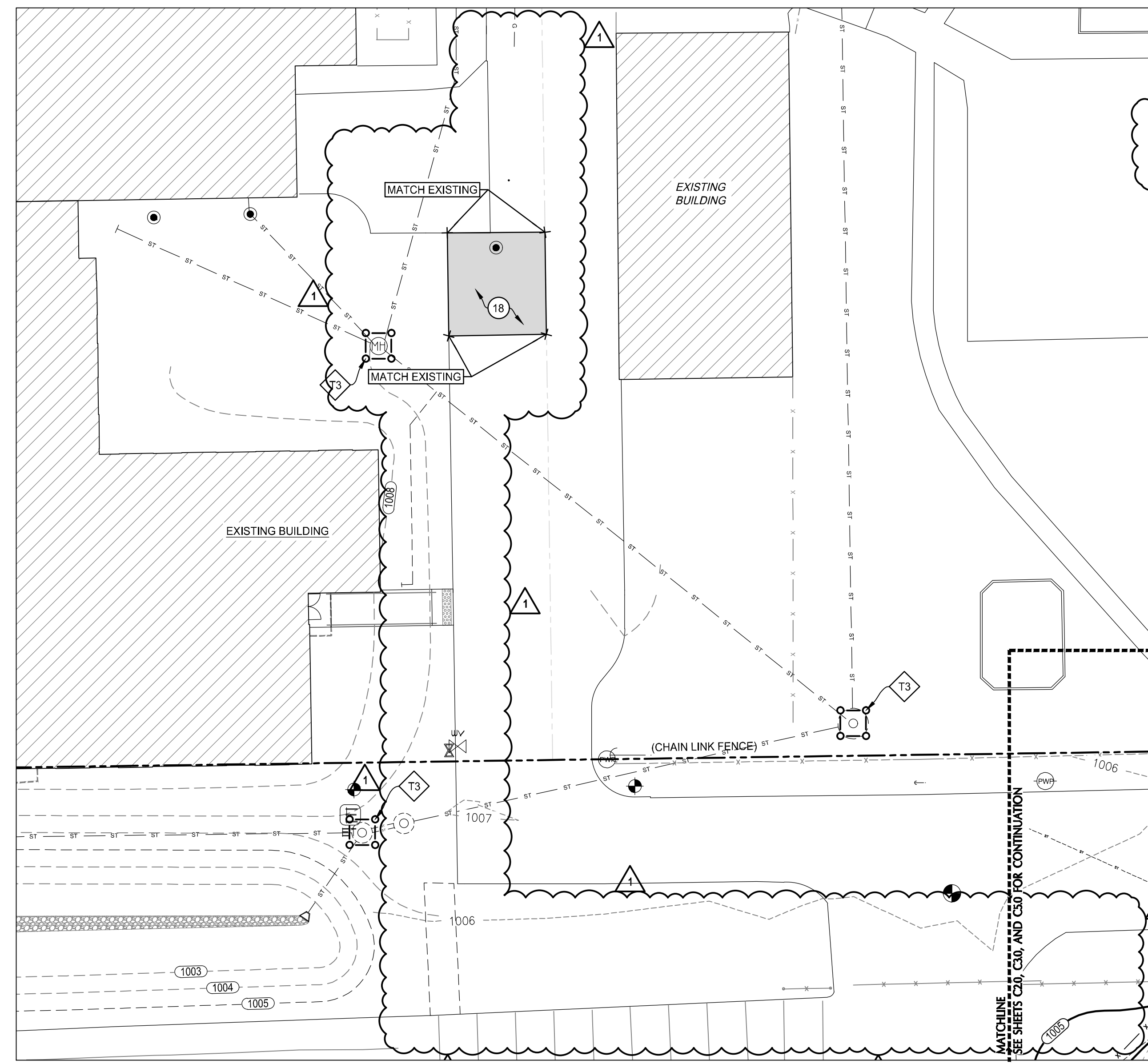
Site Utility Plan

date: March 2, 2022
 project: 473003
 coordinator: DLR
 drawn: CMF
 checked: MDR
C4.0

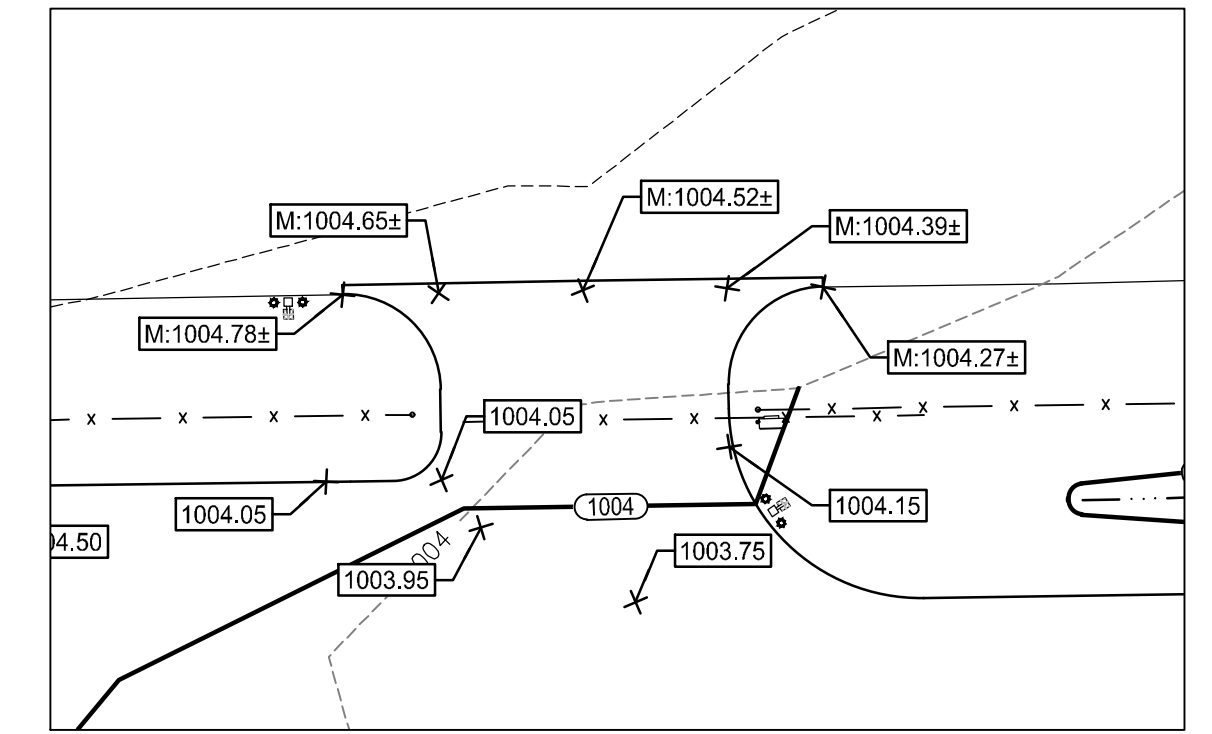
**CENTERVILLE-ABINGTON COMMUNITY SCHOOLS
TRANSPORTATION BUILDING**



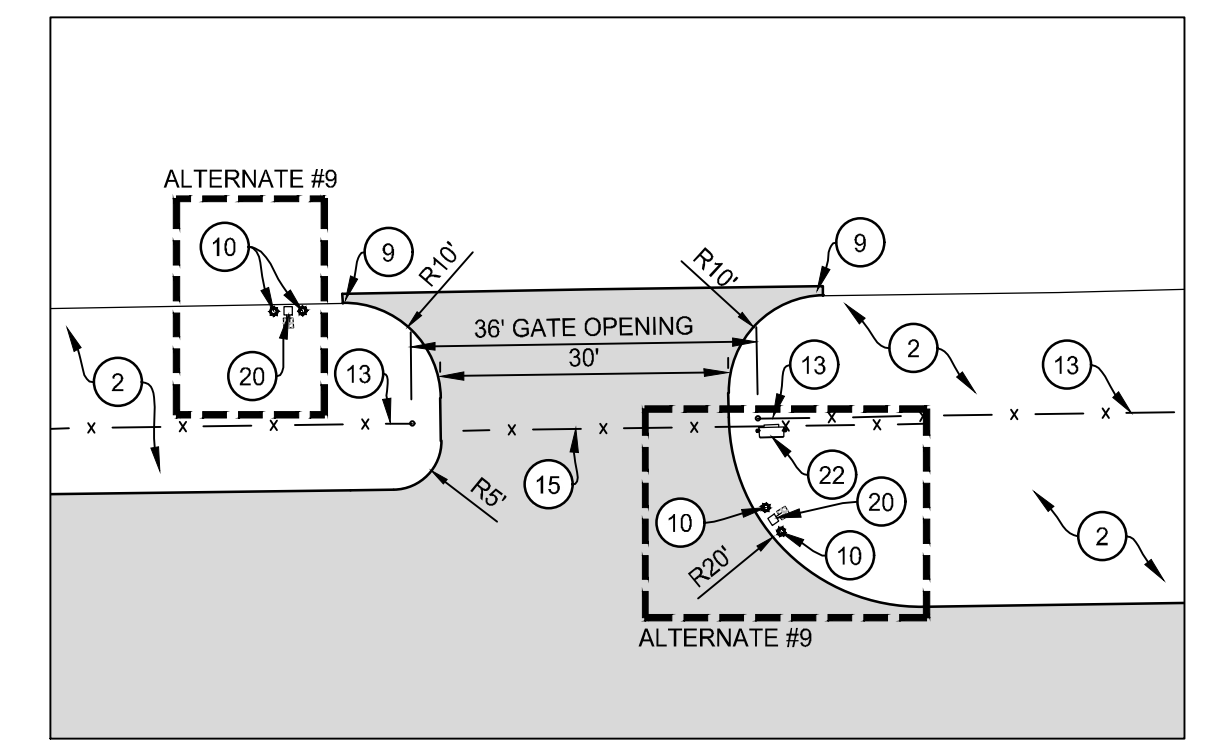
1 Site Demolition Plan - Northwest
1" = 20'-0"



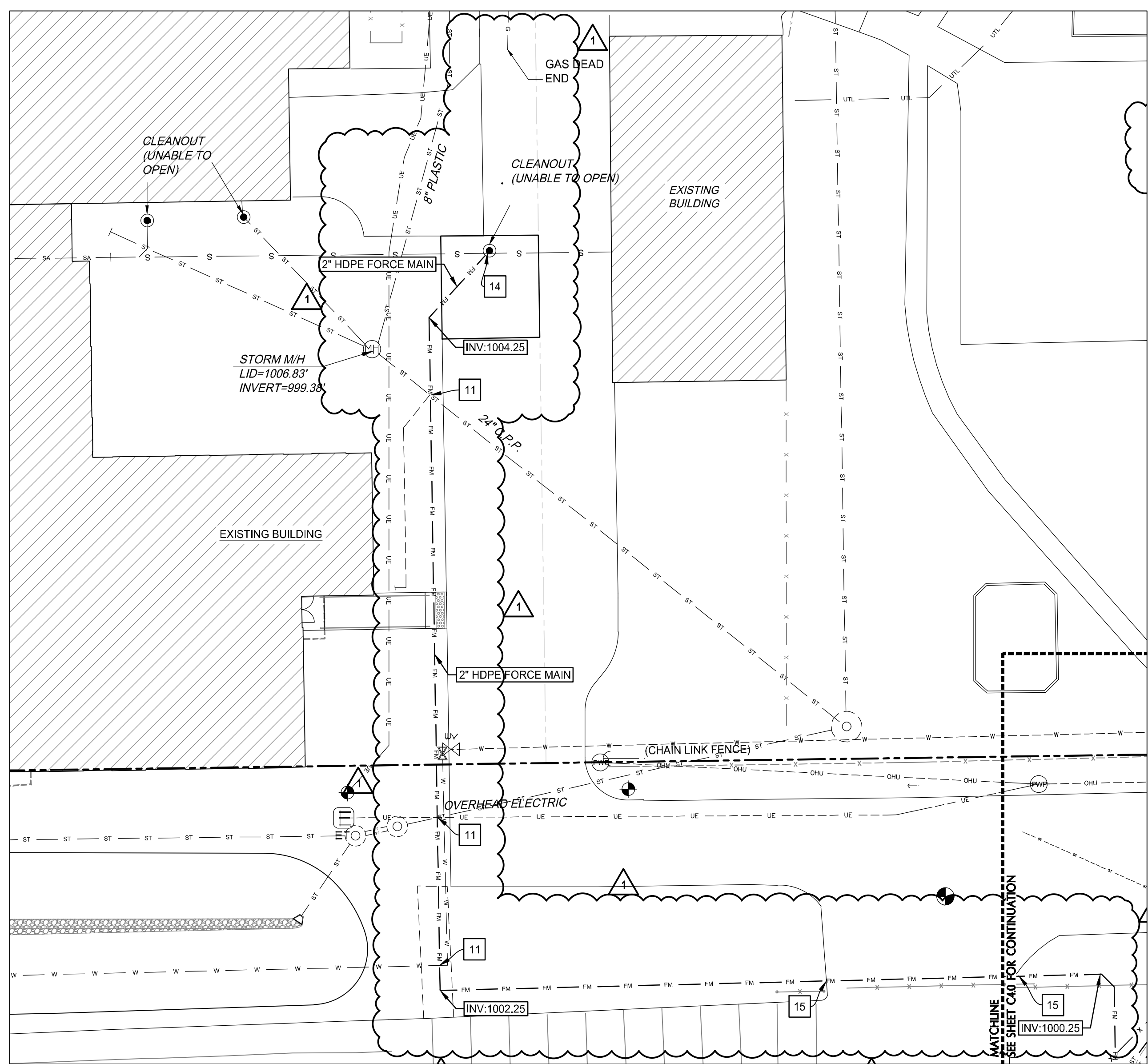
2 Site Plan - Northwest
1" = 20'-0"



3 Alternate #7 Site Grading
1" = 20'-0"



4 Alternate #7 Site Layout
1" = 20'-0"



5 Site Utility Plan - Northwest
1" = 20'-0"

DEMOLITION LEGEND:

- SAWCUT AND REMOVE ASPHALT PAVEMENT.
- REMOVE STONE AREA.

DEMOLITION NOTES:

- 5 REMOVE AND SALVAGE STONE AREA. RESET AFTER CONSTRUCTION IS COMPLETE.
- 14 SAWCUT AND REMOVE ASPHALT PAVEMENT AS NEEDED FOR UTILITY CONSTRUCTION.

UTILITY NOTES:

- 11 FIELD VERIFY DEPTH AND LOCATION OF EXISTING UTILITY. NOTIFY ENGINEER AND WAIT FOR INSTRUCTION IF CONFLICTS WITH PROPOSED CONSTRUCTION.
- 14 CORE HOLE IN EXISTING MANHOLE FOR PROPOSED SANITARY CONNECTION. PROVIDE WATER TIGHT CONNECTION.
- 15 2" FORCE MAIN TO BE DIRECTIONALLY DRILLED BELOW ASPHALT.

PROPOSED LEGEND:

- GAS --- GAS LINE
 - FM --- FORCE MAIN
- NOTE: PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES AND THE END OF END SECTIONS/TRASH RACKS UNLESS OTHERWISE NOTED.
- NOTE: ADJUST ALL EXISTING MANHOLES, VALVES, HYDRANTS AND HANDHOLES TO PROPOSED GRADES.
- NOTE: CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AS REQUIRED BY STATE AND LOCAL AUTHORITIES.

LAYOUT LEGEND:

- TYPE "A" PAVEMENT PER DETAIL #1/C7.0.
- NOTE: ALL DIMENSIONS ARE TO FACE OF CURB OR EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.

LAYOUT NOTES:

- 2 GRASS/LANDSCAPE AREA. ALL DISTURBED AREAS TO RECEIVE PERMANENT SEEDING. SEE SPECIFICATIONS SECTION 329200 "LAWNS & GRASSES" AND LANDSCAPE PLANS.
- 8 ALTERNATE #7; 12" MINIMUM ASPHALT PAVEMENT TO PROVIDE A CLEAN EDGE PER DETAIL #1/C7.0.
- 10 6" PIPE BOLLARD PER DETAIL #5/C7.0.
- 13 ALTERNATE #6; 6" TALL CHAIN LINK FENCE PER DETAIL #6/C7.0.
- 15 ALTERNATE #6 & #7; 6" TALL CHAIN LINK FENCE SINGLE SLIDING GATE PER DETAIL #7/C7.0.
- 18 ASPHALT PAVEMENT AS NEEDED FOR UTILITY INSTALLATION PER DETAIL #1/C7.0.
- 20 AUTOMATIC SLIDE GATE CARD READER POST WITH ACCESS CONTROL PANEL PER DETAIL #11/C7.0.
- 22 ALTERNATE #9; LINEAR HSL-G-121, 1 HP, 230 VOLT, SINGLE PHASE, COMMERCIAL SLIDE GATE OPERATOR WITH CARD READER OPERATION, OR APPROVED EQUAL, MOUNTED ON TWO (2) 3" O.D. PIPE PER DETAIL #10/C7.0. SEE SITE ELECTRICAL PLANS FOR POWER INFORMATION.

GRADING LEGEND:

- PROPOSED CONTOUR
 - EXISTING CONTOUR
 - MATCH EXISTING SPOT
 - PROPOSED SPOT
 - PROPOSED DRAINAGE SWALE
 - PROPOSED DRAINAGE INTENT
- NOTE: ALL ELEVATIONS ARE TO TOP OF PAVEMENT OR LAWN UNLESS NOTED OTHERWISE.

EROSION CONTROL LEGEND:

- INLET PROTECTION

EROSION CONTROL KEY:

- INSTALL YARD INLET PROTECTION DEVICE PER DETAIL #3/C5.2.

NOTE:

STORM WATER SEWER LINES SHOWN ARE FOR REFERENCE ONLY. SEE SITE UTILITY PLANS FOR STORM WATER SEWER LINE SIZE, INVERT, ETC.

ALTERNATE NOTES:

ALTERNATE #6; SITE FENCING	PROVIDE AND INSTALL SITE FENCING AND MAIN ENTRANCE DOUBLE SLIDING GATE. MANUAL OPERATION. IF ALTERNATE #7 IS ADOPTED, PROVIDE AND INSTALL NORTH ENTRANCE SINGLE SLIDING GATE, MANUAL OPERATION.
ALTERNATE #7; NORTH SITE ENTRANCE	PROVIDE AND INSTALL NORTH SITE ENTRANCE PAVEMENT.
ALTERNATE #8; MAIN ENTRANCE GATE OPERATOR AND ACCESS CONTROL	PROVIDE AND INSTALL AUTOMATIC GATE OPERATOR AND KEY PAD AND FOB ACCESS TO MAIN ENTRANCE DOUBLE SLIDING GATE IN ALTERNATE #6.
ALTERNATE #9; NORTH ENTRANCE GATE OPERATOR AND ACCESS CONTROL	PROVIDE AND INSTALL AUTOMATIC GATE OPERATOR AND KEY PAD AND FOB ACCESS TO NORTH SLIDING GATE IN ALTERNATE #6 & #7.



March 21, 2022 2:33 PM S:\Projects\Projects (5000-5999)\Projects (5450-5499)\Centerville Bus Garage Site\Drawings\Plans\5481-C6.0 NW Site Plans.dwg

A PROJECT FOR:



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mark	date	description
Δ	03/21/22	Addendum 2

Site Plans - Northwest and Alternate #7 Plans

date: March 2, 2022
project: 473003
coordinator: DLR
drawn: KRK
checked: MDR
C6.0