DUBLIN CITY SCHOOL DISTRICT BOARD OF EDUCATION

DCSD PLUMBING IMPROVEMENTS PROJECT
OLDE SAWMILL ELEMENTARY SCHOOL
BACKFLOW PREVENTER

2485 OLDE SAWMILL BLVD

DUBLIN, OHIO 43016

DRAWING INDEX	
DRAWING NUMBER	DRAWING TITLE
COVER	COVER SHEET
1	WATER SERVICE PLAN
2	WATER SERVICE PLAN
E-100	PARTIAL SITE UTILITY PLAN - ELECTRICAL
E-101	SITE PLAN - ELECTRICAL
E-501	DETAILS AND SCHEDULES - ELECTRICAL

BID SET

NOVEMBER 13, 2026

PREPARED BY

AEC
Advanced Engineering Consultants

PERMITS AND REGULATIONS GENERAL NOTE(S) TO CONTRACTOR:

THE CONTRACTOR SHALL OBTAIN ALL RELATED PERMITS REQUIRED BY LAWS, ORDINANCES, RULES, REGULATIONS, AND PUBLIC AUTHORITY HAVING JURISDICTION (CITY OF COLUMBUS). THE CONTRACTOR SHALL OBTAIN CERTIFICATES OF INSPECTIONS AS REQUIRED BY THE PERMIT DOCUMENTS AND SHALL SUBMIT SAME TO THE A/E. THE CONTRACTOR SHALL PAY ALL FEES, CHARGES, AND EXPENSES IN CONNECTION THEREWITH. THE CONTRACTOR SHALL FURNISH TO THE OWNER A CERTIFICATE OF FINAL INSPECTION FROM THE PROPER AUTHORITY PRIOR TO FINAL PAYMENT. OBTAIN AND PAY FOR EASEMENTS REQUIRED TO BRING TEMPORARY UTILITIES TO THE SITE, WHERE THE OWNER'S EASEMENT CANNOT BE UTILIZED FOR THAT PURPOSE.

THE CONTRACTOR SHALL NOT ALLOW OR CAUSE ANY OF THE WORK TO BE COVERED UP OR ENCLOSED UNTIL THE A/E OR OWNER HAS BEEN NOTIFIED AND GIVEN REASONABLE OPPORTUNITY (5 WORKING DAYS) TO REVIEW THE WORK. WHEN REQUIRED BY LAW OR REGULATIONS, THE GOVERNMENTAL AGENCY HAVING JURISDICTION FOR INSPECTIONS SHALL BE GIVEN REASONABLE NOTICE AND OPPORTUNITY TO INSPECT THE WORK. ANY WORK THAT IS ENCLOSED OR COVERED UP BEFORE SUCH INSPECTION AND TEST SHALL BE UNCOVERED AT THE CONTRACTOR'S EXPENSE; AFTER IT HAS BEEN INSPECTED, THE CONTRACTOR SHALL RESTORE THE WORK TO ITS ORIGINAL CONDITION AT HIS OWN EXPENSE.

ALLOWANCE

REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION OF ALLOWANCE FOR FIRE WATCH SERVICES AND 3RD PARTY INSPECTIONS/TESTING.

PROPOSED SEQUENCE OF WORK (2027):

1. ANTICIPATED NOTICE OF AWARD: 1/18/2027
2. SUBMISSION AND REVIEW OF SCHEDULE OF VALUES, SUBMITTALS, ETC.: FEB 2027 THRU MARCH 2027.
3. DCS SPRING BREAK, 3/29/27 - 4/2/27: CONTRACTOR MAY PERFORM SITE INVESTIGATION AND NON-INVASION EXPLORATORY WORK. AT THIS TIME, NO UTILITY SHUTDOWN WILL BE PERMITTED.
4. DCS SUMMER BREAK, 6/1/27 THRU 7/30/27: PERIOD WHERE CONSTRUCTION IS PERMITTED. ALL PROPOSED UTILITY OUTAGES MUST BE COORDINATED WITH DCS AND A/E NO LESS THAN 14 CALENDAR DAYS PRIOR.
5. FIRE WATCH: DURING OUTAGE OF SPRINKLER SYSTEM, FIRE WATCH MUST BE PROVIDED BY THE CONTRACTOR (UTILIZING ALLOWANCE) AND IN COMPLIANCE WITH THE LOCAL AHJ (FIRE MARSHAL) REQUIREMENTS.
6. PROJECT CLOSEOUT DOCUMENTATION AND PROCEDURES SHALL BE COMPLETED BY 9/30/27.

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CITY OF COLUMBUS WATER SERVICE PLAN NOTES(SEPTEMBER 2024)

1. N/A

2. N/A

3. THE CITY OF COLUMBUS, CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMSC), 2018 EDITION AND ALL REVISIONS, INCLUDING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS SHALL GOVERN THIS IMPROVEMENT, UNLESS OTHERWISE NOTED.

4. ALL WATER LINE MATERIALS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT APPROVED MATERIALS LIST AND RULES AND REGULATIONS OF THE CITY OF COLUMBUS, DIVISION OF WATER, UNLESS OTHERWISE SHOWN ON THE PLANS OR APPROVED BY THE CITY OF COLUMBUS DIVISION OF WATER. ONLY PRODUCTS LISTED ON THE CURRENT APPROVED MATERIALS LIST WILL BE PERMITTED TO BE INSTALLED.

5. IT SHALL BE UNLAWFUL FOR ANY PERSON TO PERFORM ANY WORK ON THE PUBLIC WATER DISTRIBUTION SYSTEM WITHOUT FIRST SECURING LICENSE TO ENGAGE IN SUCH WORK, AS INDICATED IN COLUMBUS CITY CODE SECTION 1103.02 AND 1103.06. THIS WORK INCLUDES ANY ATTACHMENTS, ADDITIONS TO OR ALTERATIONS IN ANY CITY SERVICE PIPE OR APPURTENANCES (INCLUDING WATER SERVICE LINES AND WATER SERVICE TAPS). THIS REQUIREMENT MAY BE MET BY UTILIZATION OF A SUBCONTRACTOR WHO POSSESSES A CITY OF COLUMBUS WATER CONTRACTOR LICENSE OR A COMBINED WATER/SEWER CONTRACTOR LICENSE TO PERFORM THIS WORK. UTILIZATION OF A SUBCONTRACTOR MUST MEET THE LICENSING REQUIREMENTS OF CITY OF COLUMBUS BUILDING CODE, IN PARTICULAR SECTIONS 4114.119 AND 4114.529.

6. FOR ANY EMERGENCIES THAT OCCUR AFTER NORMAL WORKING HOURS INVOLVING THE WATER DISTRIBUTION SYSTEM, PLEASE CONTACT THE DIVISION OF WATER DISTRIBUTION MAINTENANCE OFFICE AT 614-645-7788.

7. N/A

8. N/A

9. N/A

10. THERE SHOULD BE A 10 FOOT MINIMUM HORIZONTAL AND 18" VERTICAL SEPARATION BETWEEN WATER SERVICE TAP(S), WATER SERVICE LINE(S), PRIVATE WATER SYSTEMS AND ANY SANITARY AND/OR STORM SEWER SYSTEMS, UNLESS OTHERWISE APPROVED BY THE CITY OF COLUMBUS, DIVISION OF WATER.

11. ALL INSPECTIONS REQUIRE A 24 HOUR ADVANCE NOTICE.

12. N/A

13. N/A

14. N/A

15. N/A

16. N/A

17. N/A

18. N/A

19. N/A

20. N/A

21. N/A

22. THE SITE UTILITY CONTRACTOR SHALL CALL COLUMBUS DIVISION OF WATER AT 614-645-7330 FOR INSPECTION AND HYDROSTATIC TEST OF 4" AND LARGER WATER SERVICE TAPS FROM THE WATER MAIN THRU THE CONTROL VALVE AND WATER SERVICES FROM THE CONTROL VALVE THRU THE WATER METER SETTING. HYDROSTATIC TEST SHALL BE PER CMSM ITEM 805.05 AND SHALL BE PERFORMED FROM THE WATER MAIN THRU THE WATER METER SETTING.

23. N/A

24. N/A

25. N/A

26. N/A

27. N/A

28. N/A

29. BACKFLOW PREVENTION ASSEMBLY(S) SHALL BE INSTALLED, WHERE REQUIRED, PER COLUMBUS DIVISION OF WATER STANDARD DETAIL DRAWINGS L-9002 A THRU G. CONTRACTOR(S) SHALL CALL 614-645-6674 WITH BACKFLOW PREVENTION QUESTIONS. CONTRACTOR(S) SHALL CALL 614-645-8119 TO SCHEDULE BACKFLOW PREVENTION INSPECTION REQUESTS.

30. N/A

31. COMBINATION WATER SERVICE BACKFLOW PREVENTER(S) SHALL MEET THE ASSE #1013 APPROVAL/STANDARD.

32. N/A

33. N/A

34. N/A

35. A 1" I.D. CONDUIT WITH 1 DRAWSTRING PER WATER METER SHALL BE PROVIDED BY THE SITE UTILITY CONTRACTOR FROM THE WATER METER VAULT TO THE HEATED ENCLOSURE. CONDUIT SHALL EXTEND 6" INTO THE METER VAULT AND BE CLEAR OF ALL ACCESS PORTALS. CONDUIT SHALL BE CORE DRILLED AND EXTEND 24" UP ABOVE THE CONCRETE SLAB FOR THE HEATED ENCLOSURE ALONG THE HEATER WALL. CONDUIT SHALL HAVE A MINIMUM BURY OF 24" FROM THE VAULT TO THE HEATED ENCLOSURE. CONDUIT SHALL BE FOR THE REMOTE WIRES ONLY. ANY OTHER WIRING SHALL HAVE A SEPARATE CONDUIT.

36. IF DOMESTIC AND/OR FIRE WATER SERVICE METER(S) AND/OR THEIR BACKFLOW PREVENTER(S) ARE TO BE LOCATED INSIDE AN ABOVE GROUND HEATED ENCLOSURE, THE ENCLOSURE SHALL BE ASSE #1060 CLASS 1 APPROVED. THE ENCLOSURE SHALL HAVE A THERMOSTATICALLY OPERATED HEATER. THE SIZE AND NUMBER OF HEATER(S) SHALL BE PER THE ENCLOSURE MANUFACTURER'S SPECS TO MAINTAIN A 40 DEGREE FAHRENHEIT INSIDE TEMPERATURE AT AN OUTSIDE TEMPERATURE OF MINUS 30 DEGREE FAHRENHEIT. HEAT TAPE/RODS WILL NOT BE PERMITTED.

37. BACKFLOW PREVENTION DEVICES MUST BE TESTED AT THE TIME OF INSTALLATION BY A TESTER APPROVED BY THE DIVISION OF WATER BACKFLOW COMPLIANCE OFFICE. A COMPLETE LIST OF APPROVED TESTERS CAN BE FOUND AT WWW.COLUMBUS.GOV/BACKFLOW/CONSUMERS. RESULTS MUST BE SUBMITTED THROUGH THE ONLINE WEB SUBMITTAL SYSTEM AT http://core.columbus.gov/tokayflow/

UNDERGROUND PRIVATE WATER SYSTEM(S) AFTER THE CITY WATER METER(S)

38. SITE UTILITY CONTRACTOR SHALL CALL THE LOCAL BUILDING AUTHORITY FOR INSPECTION OF UNDERGROUND PRIVATE DOMESTIC AND/OR FIRE WATER SYSTEM(S) AFTER THE CITY WATER METER(S). THIS WILL INCLUDE DOMESTIC WATER LOOPS AND FIRE WATER LOOPS INCLUDING PRIVATE FIRE HYDRANTS THRU THE SITE BEFORE COVERING.

FOR COLUMBUS CITY ONLY:THE DEPARTMENT OF BUILDING AND ZONING (PLUMBING INSPECTION SECTION) IS RESPONSIBLE FOR INSPECTION OF UNDERGROUND PRIVATE DOMESTIC AN/OR FIRE WATER SYSTEM(S) AFTER THE CITY WATER METER(S). TO SCHEDULE, SITE UTILITY CONTRACTOR SHALL PURCHASE A WATER SERVICE RECORD THROUGH https://portal.columbus.gov/Permits/Default.aspx. CONTACT PLUMBINGINFO@COLUMBUS.GOV FOR MORE DETAILS.

39. N/A

40. SITE UTILITY CONTRACTOR SHALL CALL COLUMBUS DIVISION OF FIRE AT 614-645-8673 FOR FLUSHING AND/OR PRESSURE TEST INSPECTION OF PRIVATE COMBINED (I.E. DOMESTIC AND FIRE) SYSTEM AFTER THE CITY WATER SERVICE METER AND BACKFLOW PREVENTER.

41. ALL PIPE MATERIAL FOR THE UNDERGROUND PRIVATE WATER SYSTEM AFTER THE CITY WATER METER SHALL MEET THE REQUIREMENTS OF THE LOCAL BUILDING AUTHORITY HAVING JURISDICTION.

Columbus Division of Water Fire Flow Test

FLOW TEST ID	3724	**NO. OF TEST RUN**	1
ATLAS PAGE		0	
FLOW HYDRANT 1	1N OF SALTERGATE DR ON OLD SAWMILL BLVD		
FLOW HYDRANT 2	NONE		
PRESSURE HYDRANT	1S OF SALTERGATE DR ON SUTTER PKWY		
PRESSURE HYDRANT ID	0852E21		
DATE	3/6/2025	**PIPE SIZE**	8" & 12"
TIME	1:00:00 PM	**ELEVATION**	906'
STATIC PRESSURE	73 psi	**HYDRANT OWNER**	COLUMBUS
RESIDUAL PRESSURE	70 psi	**COEFFICIENT**	0.83
PITOT 1	30 psi	**REMARKS**	
PITOT 2	NONE psi		
OUTLET	4" DIFF		
FLOW (GPM)	2160		
FLOW@20 PSI	>5000		
WATER DISTRICT	SMOKY ROW	**CH** 1082'	**HGL** 1075'

Please remember when reviewing the results of the flow test that varying factors could change the results, i.e., hourly fluctuations in water levels at the City of Columbus water tanks, changes in consumer demands in the area of the flow test, and seasonal changes in water plant discharge pressures. The net effect of these changes will normally shift static pressures by no more than five (5) to fifteen (15) psi.

SHEET INDEX

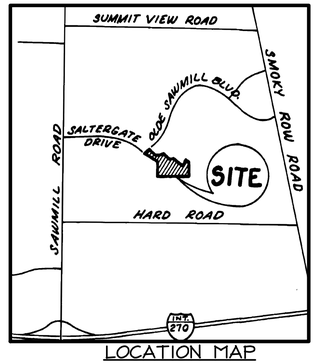
1. GENERAL NOTES & INDEX
2. COMB. BFP PLAN VIEW PROJECT NOTES AND DETAILS

CONTRACTOR

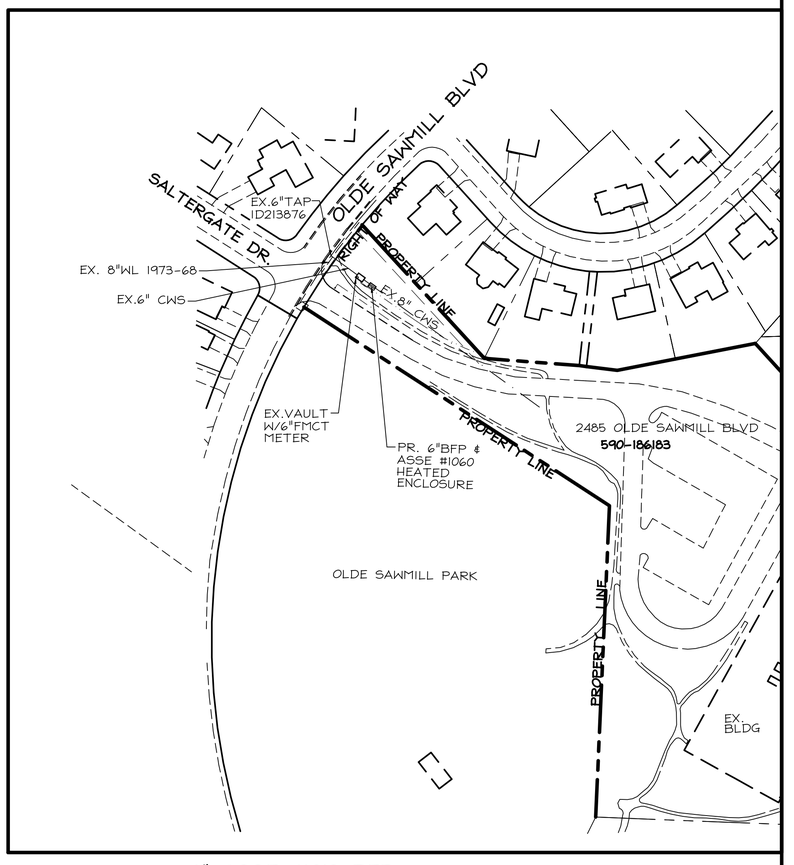
EMP Services LLC.
2087 Hendrix Drive
Grove City, Ohio 43123
James Pearson
PH:614 756 1412
EMAIL:Jpearson@empservicesllc.com

STANDARD DRAWINGS

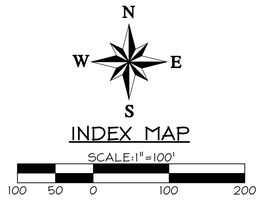
L-6306
L-6309B
L-6311
L-9002G



LOCATION MAP
NO SCALE



6" ASSE #1013 BFP



INDEX MAP
SCALE:1"=100'
100 50 0 100 200

EASEMENT REFERENCE	REVISIONS	APPROVED BY/DATE

STATE OF OHIO · DANIEL E. SAMIEC NO. 74034 · REGISTERED PROFESSIONAL ENGINEER

DES Engineering, LLC
121 RICHLAND ROAD
XENIA, OHIO 45385
614-638-0071
DSAMIEC@WOH.RR.COM

Daniel E Samiec 04-10-2025

CITY OF COLUMBUS' DIVISION OF WATER APPROVAL

SIGNATURE BELOW SIGNIFIES ONLY CONCURRENCE WITH THE GENERAL PURPOSE AND GENERAL LOCATION OF THE PROJECT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLANS.

DS JKM

DocuSigned by: E79C3C3BFB7F425...

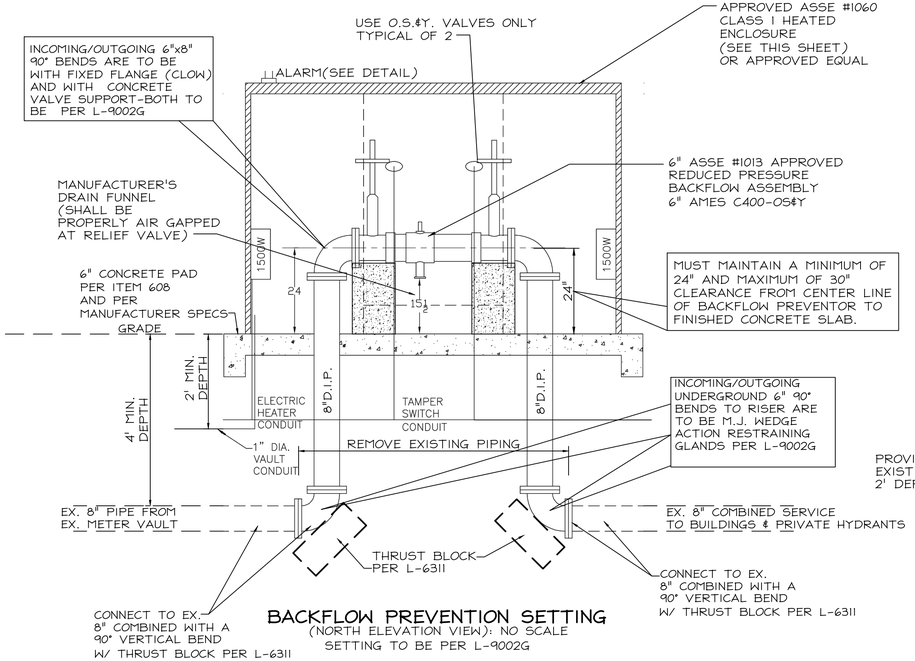
5/22/2025
DATE

6" WATER SERVICE UPGRADE FOR
OLDE SAWMILL ELEMENTARTY SCHOOL
2485 OLDE SAWMILL BLVD
P.I.D. 590-186183
DUBLIN, OHIO 43016

WSP#P1077A

SHEET: 1 of 2

Docusign Envelope ID: 434B0F14-594C-4BC1-8DDD-7A163D3EF8AC



BACKFLOW PREVENTION SETTING
(NORTH ELEVATION VIEW): NO SCALE
SETTING TO BE PER L-9002G

WATER PROJECT NOTES

COORDINATE TIMING OF CONNECTION TO EXISTING WATER SYSTEM WITH OWNER

INTERCEPT EXISTING COMBINED WATER SERVICE PIPING PROVIDE AN 8" 90° VERTICAL BEND; EXTEND 8" THRU SLAB AND PROVIDE AN 8"x6" VERTICAL 90° TRANSITION BEND AND EXTEND THRU THE AMES 6" C 400 OSY BACKFLOW PREVENTOR WITHIN THE AQUA SHIELD BFP6-O HEATED ENCLOSURE.

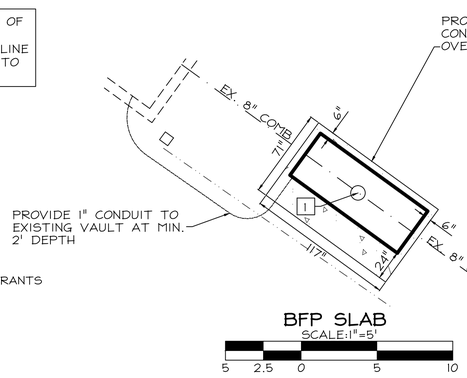
PROVIDE A 6"x8" VERTICAL 90° TRANSITION BEND AND EXTEND 8" D.I.P. THROUGH SLAB TO AN 8" 90° VERTICAL BEND TO CONNECT TO EXISTING 8" COMBINATION WATER SYSTEM.

(**)EXISTING SERVICE LINE IS SHOWN PER EXISTING WATER SERVICE PLAN P-1077 & RECORD TAP CARD IN COORDINATION WITH EXISTING VAULT LID.

CONTRACTOR SHALL CONTACT D.O.W. BACKFLOW PREVENTION OFFICE AT (614-645-5781) FOR INSPECTION. A 24 HOUR ADVANCED NOTICE IS REQUIRED.

WATER SERVICE SURVEY COORDINATE TABLE

DISCRIPTION	NORTHING	EASTING	NORTHING AS BUILT	EASTING AS BUILT	℄ ELEVATION
1 ℄ HEATED ENCLOSURE	773865.83	1805718.33			

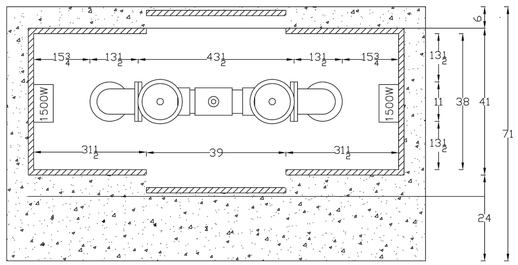


BFP SLAB
SCALE:1"=5'
5 2.5 0 5 10

UNDERGROUND UTILITIES
Two Working Days
BEFORE YOU DIG
Call 800-362-2764 (Toll free)
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS MUST BE CALLED DIRECTLY

ESTIMATE OF QUANTITIES

ITEM	TOTAL	UNITS	DESCRIPTION
SPEC	1	EA.	AQUA SHIELD BFP6-O ASSE #1060 CLASS 1 APPROVED HEATED ENCLOSURE
SPEC	1	EA.	AMES ASSE #1013 APPROVED 6" C 400 OSY BACKFLOW PREVENTOR
608	56	S.F.	6" CONCRETE SLAB
801	16'	L.F.	8" SERVICE PIPE
SPEC	SUM	LUMP	PVC CONDUIT FOR ELECTRIC



ENCLOSURE

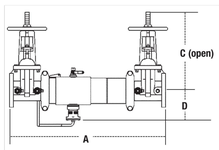
NOTES:
1. ENCLOSURE SELECTED: BFP6-O
2. INSIDE DIMENSIONS: 102" L X 38" W X 67" H.
3. OUTSIDE DIMENSIONS: 105" L X 41" W X 70" H.
4. SLAB DIMENSIONS: 117" L X 71" W X 6" THICK.
5. ENCLOSURE HAS TWO 1500W, 120V, SINGLE-PHASE UNIT. ELECTRICAL SOURCE AND RECEPTACLE SHALL BE SUPPLIED BY THE CONTRACTOR.
6. ENCLOSURE HAS TWO 39"W X 67"H ACCESSES. ONLY ONE HAS A DRAIN PORT.

LEAD FREE*

Colt™ Series C400 (Colt 400), C400N (Colt 400N), C400Z (Colt 400Z)

Reduced Pressure Zone Assemblies

Sizes: 2½" – 10"



C400, C400N, C400Z

SIZE	A		C (OSY)		C (NRS)		D	
in.	in.	mm	in.	mm	in.	mm	in.	mm
6	43½	1105	30⅛	765	16	406	8½	216

CONTRACT NO:	6 AMES C400-OS&Y		
DRAWN BY: W. HOWARD			
CHECK BY:	AquaSHIELD ENCLOSURES	1805 W. 37th Place North Little Rock, AR 72118 T: 501-791-1800 C: 501-791-1801	
APPR. BY:			
ISSUED BY:			
DATE DRAWN:	SIZE: 6"	DWG NO: BFP6-O	REV:
	SCALE: 1:1	WEIGHT: 350	SHEET 1 OF 1

ENFORCER®

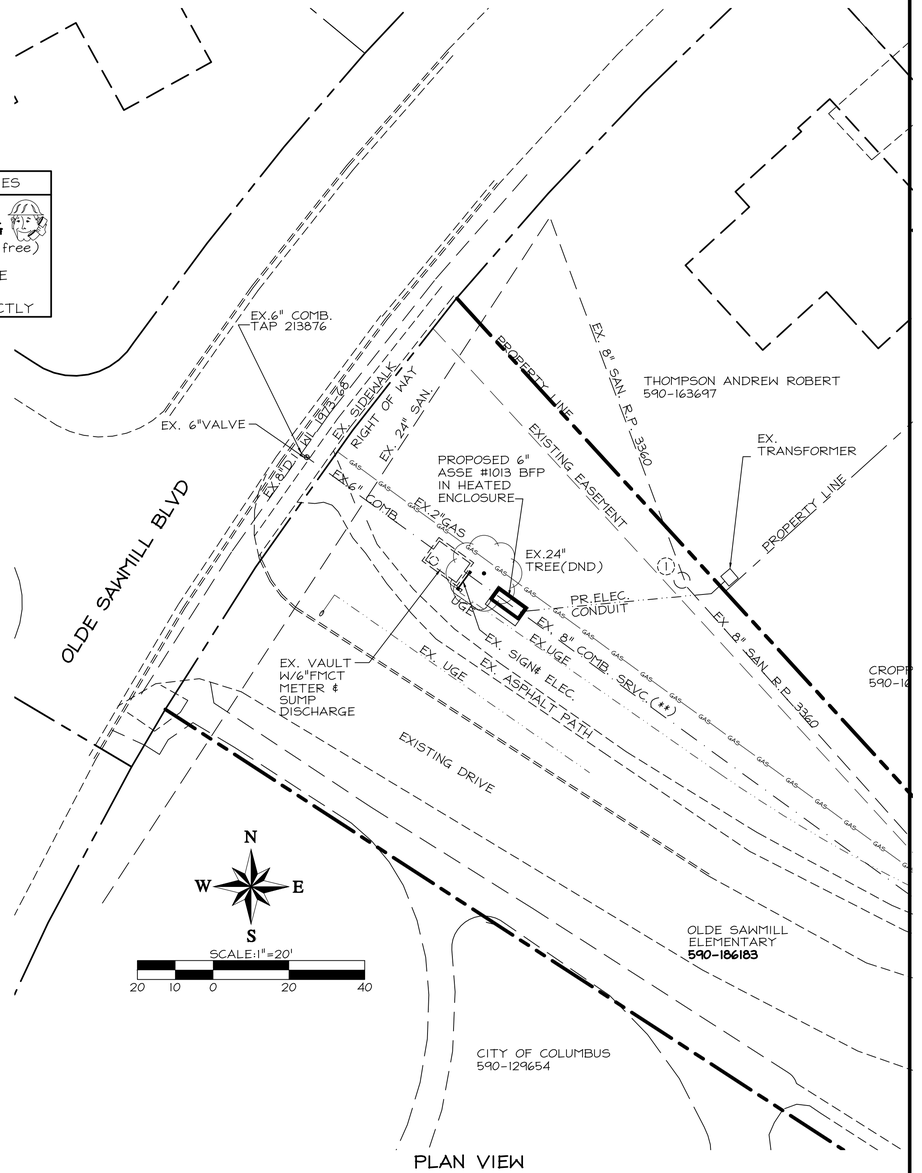
LED Strobe Lights

Manual



Color \ LEDs	6 LED	32 LED	54 LED
Red	SL-1301-EAQ/R	SL-1301-BAQ/R	SL-1301-SAQ/R*

OVERVIEW:
THE FC-40 MONITORS POWER AND TEMPERATURE INFORMATION ON THE PANEL AND DRY CONTACTS THAT CONNECT TO AUDIBLE AND STROBE ALARMS. THE FC-40 IS IDEAL FOR APPLICATIONS WHERE THERE IS A RISK OF FREEZING TEMPERATURES



PLAN VIEW

EASEMENT REFERENCE	REVISIONS	APPROVED BY/DATE

STATE OF OHIO · DANIEL E. SAMIEC NO. 74034 · REGISTERED PROFESSIONAL ENGINEER

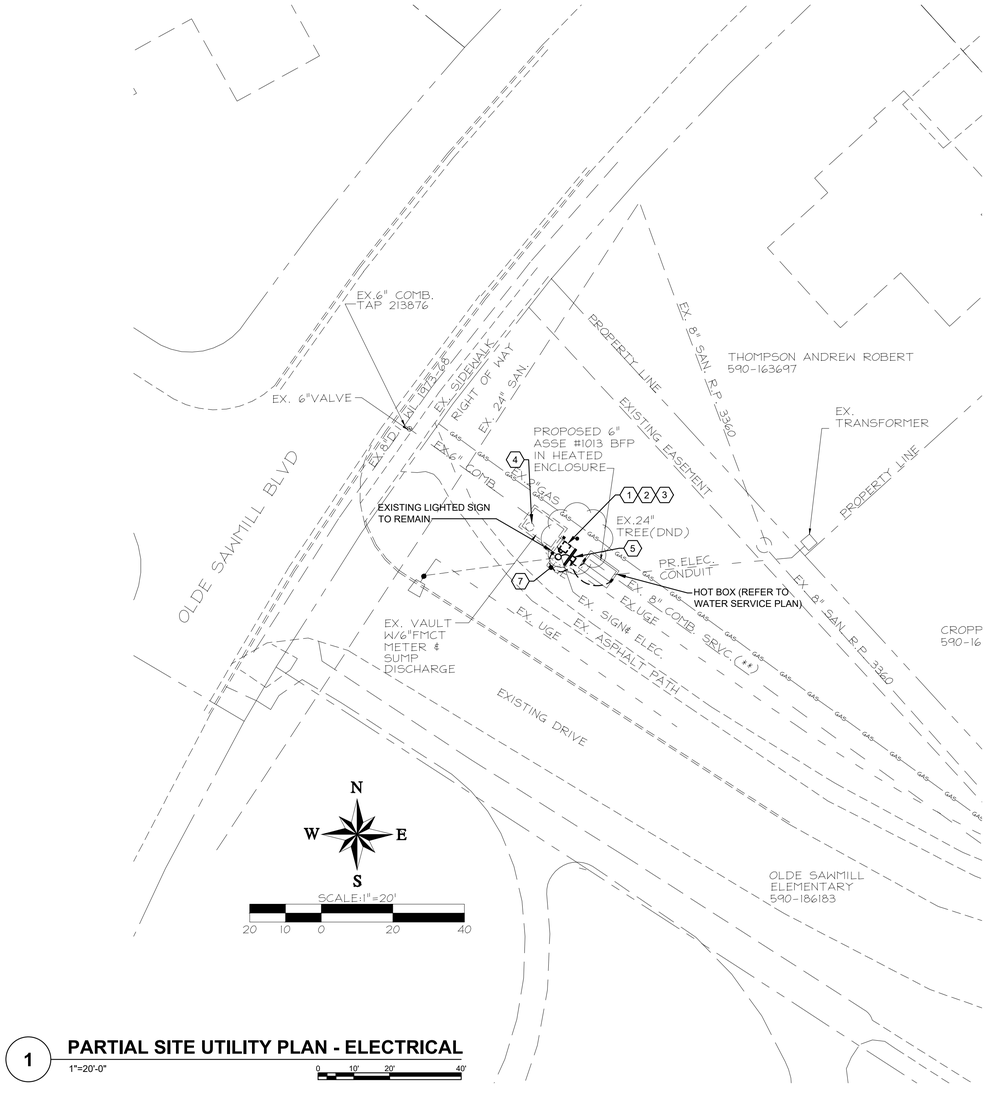
DES Engineering, LLC
121 RICHLAND ROAD
XENIA, OHIO 45385
614-638-0071
DSAMIEC@WOH.RR.COM

Daniel E Samiec 04-10-2025

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WSP#P1077A

SHEET:2 of 2



1 PARTIAL SITE UTILITY PLAN - ELECTRICAL

1"=20'-0"

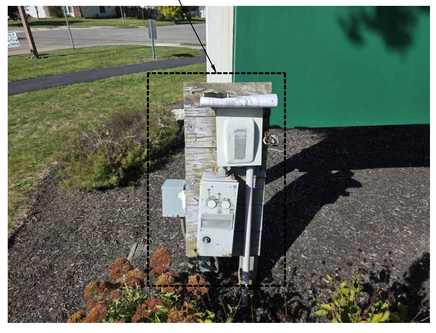
0 10' 20' 40'

GENERAL NOTES:

1. UNLESS NOTED OTHERWISE, ALL EXTERIOR CONDUITS SHALL BE MINIMUM 1" TRADE SIZE.
2. COORDINATE ALL ELECTRICAL OUTAGES WITH OWNER NO LESS THAN 14 CALENDAR DAYS PRIOR.

CODED NOTES:

1. EXISTING WOODEN BACKBOARD/POST, DISCONNECT SWITCH AND ASSOCIATED ELECTRICAL EQUIPMENT (STARTER ENCLOSURE, TRANSFORMER, PHOTOCELL) TO BE DEMOLISHED.
2. EXISTING UNDERGROUND CONDUITS SERVING LIGHTED SIGN AND MANHOLE SUMP PUMP TO BE INTERCEPTED INTO A NEW NEMA 3R NON-METALLIC PULLBOX. THE CIRCUIT CONDUCTORS SHALL BE REPLACED COMPLETELY.
3. CONTRACTOR TO PROVIDE 8HRS OF LABOR TO TRACE AND IDENTIFY EXISTING 120V FEEDER CONDUCTORS (BROWN, YELLOW, ORANGE AND GREEN) BACK TO MOTOR CONTROL CENTER IN BUILDING. THESE CONDUCTORS SHALL BE USED FOR 480V FEED TO THE NEW MINI-POWER ZONE.
4. CONTRACTOR TO PROVIDE FIELD VERIFICATION FOR THE INTEGRITY AND FUNCTIONALITY OF EXISTING SUMP PUMP (120V) IN THE MANHOLE. CIRCUITING TO SUMP PUMP TO BE MAINTAINED FOR RECIRCUITING TO MINI-POWER ZONE
5. PROVIDE SQUARE D MINI POWER-ZONE (7.5KVA, 480V - 240/120V, 1Ø, 16 CIRCUITS, NEMA 3R), OR APPROVED EQUAL. MOUNT ON GALVANIZED UNISTRUT. REFER TO ELEVATION AND SCHEDULE ON DRAWING E-501. MINI POWER-ZONE SHALL SERVE BACKFLOW PREVENTER HOT BOX, ALARM PANEL, EXISTING SUMP PUMP AND EXISTING LIGHTED SIGN.
6. PROVIDE #12 AWG CONDUCTORS FROM MINI POWER-ZONE TO EXISTING LIGHTED SIGN. MAKE FINAL CONNECTIONS.



2 PHOTO - EXISTING DISCONNECT

NTS

ADVANCED ENGINEERING CONSULTANTS
Mechanical | Electrical | Plumbing | Fire Protection | Utilities
1405 Dublin Road Tel: (614) 486-4778
Columbus, Ohio 43215 Fax: (614) 486-4082

REV NUMBER	REV DESCRIPTION	REV DATE

DCSD PLUMBING IMPROVEMENTS
OLDE SAWMILL ELEMENTARY SCHOOL
BACKFLOW PREVENTER

PARTIAL SITE UTILITY PLAN ELECTRICAL

SUBMITTAL: BID SET

E-100

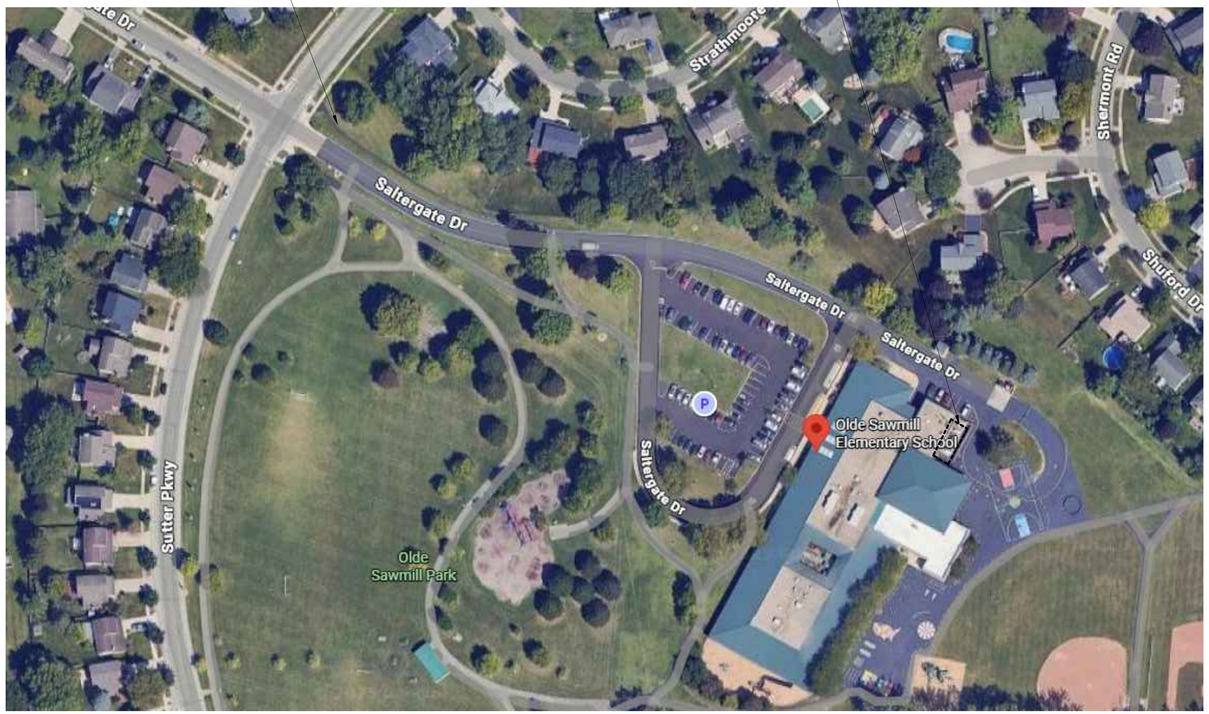
SCALE: NONE

DSN: G. LIM	DRN: G. LIM	CHK: N. ALBAUGH	DATE: NOVEMBER 13, 2026

Date:11/11/2026 1:01 PM File Location:Z:\2025 proj\25-002-007 DCS HVAC and Plumbing Upgrades\CAD\CAD Sheets\Olde Sawmill\ Last Edit:Gavin.Lim

APPROXIMATE LOCATION OF EXISTING LIGHTED SIGN AND WATER METER PIT. REFER TO DRAWING E-100 FOR ADDITIONAL INFORMATION

APPROXIMATE LOCATION OF MECHANICAL/ELECTRICAL ROOM MCC AND PANELBOARDS LA AND RA LOCATED IN HERE



1 OVERALL SITE LAYOUT
NTS

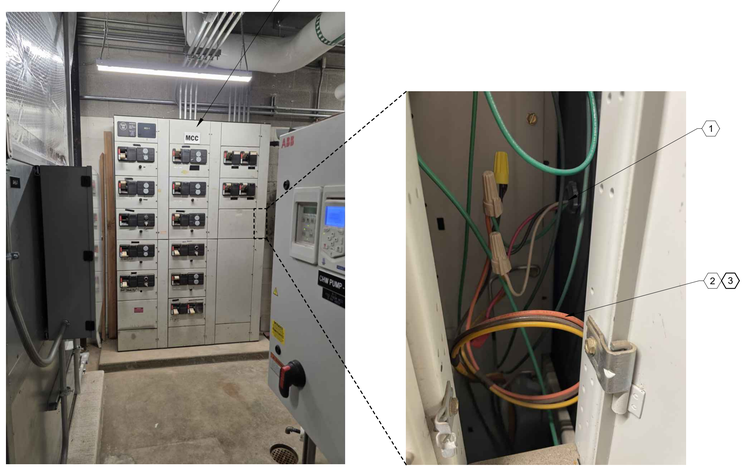
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CODED NOTES:

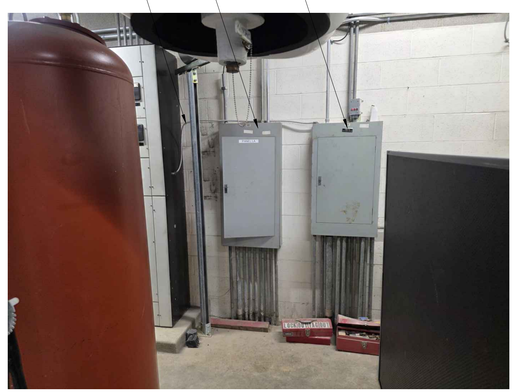
1. DEMOLISH EXISTING 120V BRANCH CIRCUIT FROM PANEL RA (SERVING LIGHTED SIGN AT DRIVEWAY ENTRANCE) TO SPLICES IN MOTOR CONTROL CENTER (MCC). EXISTING FEEDER CONDUCTORS IN MCC AND UNDERGROUND TO REMAIN FOR RE-USE.
2. EXISTING CONDUCTORS IN TO BE INTERCEPTED AND CIRCUITED TO PANEL LA FOR 480V, 1PH FEED TO MINI POWER-ZONE AT DRIVEWAY ENTRANCE FOR LIGHTED SIGN, HOT BOX, ETC.
3. COLOR CODE FOR 480V FEEDER SHALL BE:
   - 3.1. BROWN - PHASE A
   - 3.2. ORANGE - PHASE B
   - 3.3. YELLOW (ADD CONTINUOUS GREEN TAPE) - GROUND

EXISTING MOTOR CONTROL CENTER (MCC)



2 PHOTO - EXISTING MOTOR CONTROL CENTER (MCC)
NTS

(E)PANEL LA (E)PANEL RA



3 PHOTO - EXISTING PANELBOARDS
NTS

ADVANCED ENGINEERING CONSULTANTS
Mechanical | Electrical | Plumbing | Fire Protection | Utilities
1405 Dublin Road
Columbus, Ohio 43215
Tel: (614) 486-4778
Fax: (614) 486-4082

REV NUMBER	REV DESCRIPTION	REV DATE

DCSD PLUMBING IMPROVEMENTS
OLDE SAWMILL ELEMENTARY SCHOOL
BACKFLOW PREVENTER

SITE PLAN
ELECTRICAL

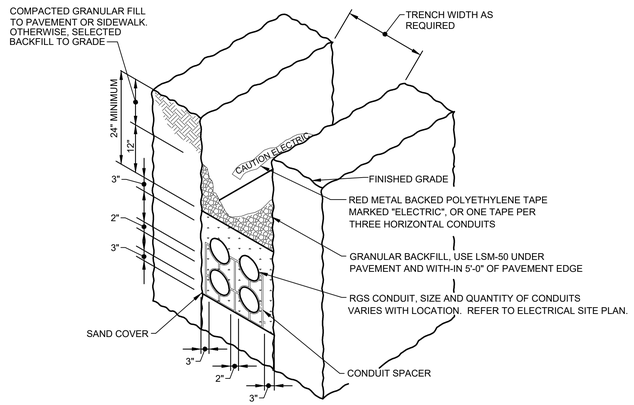
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E-101

SCALE: NONE | –

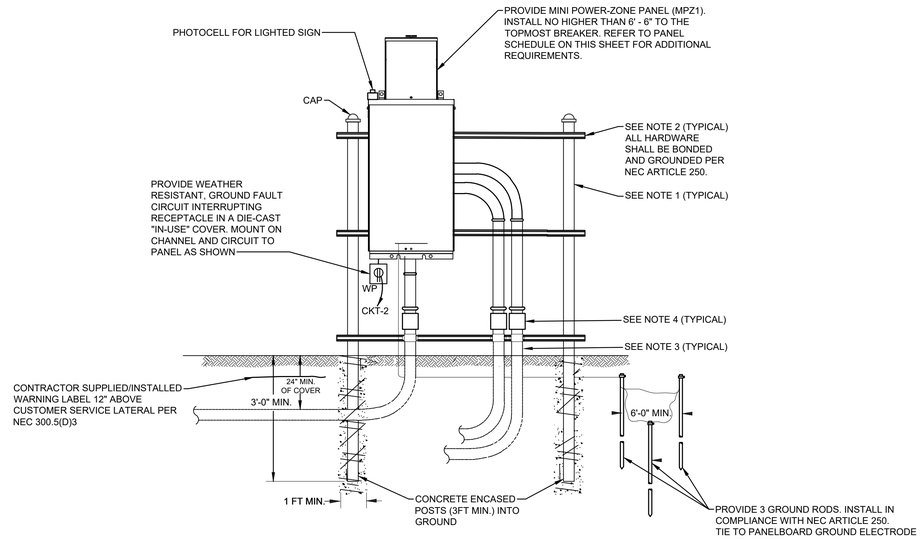
DSN: G. LIM | DRN: G. LIM | CHK: N. SAINATO | DATE: NOVEMBER 13, 2026

Date:11/11/2026 1:01 PM File Location:Z:\2025 proj\25-002-007 DCS HVAC and Plumbing Upgrades\CAD\CAD Sheets\Olde Sawmill. Last Edit:Gavin.Lim



1 DETAIL - DIRECT BURIED CONDUIT

NTS



NOTES:

1. SUPPORT POST (CONTRACTOR PROVIDED) - USE TWO-3" MIN. GALVANIZED RIGID METAL CONDUIT (RMC)-STEEL (MIN 0.205" THICK) CAPPED AND CONCRETE ENCASED IN GROUND.
2. MOUNTING HARDWARE - THREE 12 GAUGE 1-5/8" X 1-5/8" CONTINUOUS SLOT HOT DIPPED GALVANIZED CHANNEL, COMPLETE WITH 1-1/4" X 5/16" DIA. 13 THD. SPRING NUT (2 PER CHANNEL), 5/16 " HEX NUT, AND LOCK WASHER SECURELY MOUNTED TO SUPPORT POSTS.
3. MINIMUM 5' OF UNDERGROUND CONDUIT SHALL BE RIGID GALVANIZED PRIOR TO TRANSITION INTO PVC.
4. CONTRACTOR SHALL PROVIDE GROUND MOVEMENT PROTECTION PER NEC 300.5 (J) TO PREVENT DAMAGE DUE TO SETTLING.

4 DETAIL - PANELBOARD ON UNISTRUT

NTS

Panelboard LA Voltage 480Y/277 Phase 3 Options/Notes EXISTING
Panel Type WESTINGHOUSE OCPD M.L.O. Wire 4 Location MECH RM.
NEMA Type 1 Mains 100A AIC 14K Mounting Surface

Ckt. No.	Wire Size	Load Description	Brkr. Size	Brkr. Opt.	Phase	Brkr. Opt.	Brkr. Size	Load Description	Wire Size	Ckt. No.
1		RMS. 101-103-105	20/1		A		20/1	SPARE		2
3		RMS. 132-134-136	20/1		B		20/1	OFFICE AREA		4
5		RMS. 21-22-23	20/1		C		20/1	MUSIC & ART RMS.		6
7		LIGHTS KITCHEN & W.WALL	20/1		A		20/1	MECH-HALL-STORAGE		8
9		MULTI-PURPOSE RM.	20/1		B		20/1	EXTERIOR LIGHTS		10
11		MULTI-PURPOSE RM.	20/1		C		20/1	EXTERIOR LIGHTS		12
13		VAV RM. 161-163	20/1		A		**20/2**	**MINI POWER ZONE (SITE)**	**12**	14
15		LIGHTS COMMONS 02	20/1		B					16
17		SPARE	20/1		C		20/1	RMS. 106-107-133		18
19		SPARE	20/1		A		20/1	SPARE		20
21		SITE LIGHTS	20/2		B		20/2	SITE LIGHTS		22
23					C					24
25		SPACE			A		**20/1**	**SPARE**		26
27		SPACE			B		**20/1**	**SPARE**		28
29		SPACE			C			SPACE		30

N.E.C. Connected KW: Ph.A 0.00
N.E.C. Connected KW: Ph.B 0.00
N.E.C. Connected KW: Ph.C 0.00
N.E.C. Connected Total: 0.00 KW
3-Phase Connected Amps Total: 0.00 A

Panelboard RA Voltage 208Y/120 Phase 3 Options/Notes EXISTING
Panel Type WESTINGHOUSE OCPD M.L.O. Wire 4 Location MECH RM.
NEMA Type 1 Mains 225A AIC 10K Mounting Surface

Ckt. No.	Wire Size	Load Description	Brkr. Size	Brkr. Opt.	Phase	Brkr. Opt.	Brkr. Size	Load Description	Wire Size	Ckt. No.
1		Rec. Art & Music	20/1		A		20/1	Rec. Art & Music (SPD)		2
3		Rec. GFI & Cleaning	20/1		B		20/1	**SPD**		4
5		Fan Music Rm.	20/1		C		20/1	Exhaust Fan Art Rm. (SPD)		6
7		Fans 2 & 3	20/1		A		20/1	Ex. Fans 14 & 1		8
9		Boiler Controls	20/1		B		20/1	Unit Heater Rm. 19		10
11		161 Unit Heater	20/1		C		20/1	Rec. 19 & Mech Rm.		12
13		Rec. 13 & Mech Rm.	20/1		A		20/1	Unit Heater 3		14
15		Unit Heater 3	20/1		B		20/1	Quartz Light M.P. Rm.		16
17		Main Entry Lights	20/1		C		20/1	Display Case Light		18
19		Rec. Phone	20/1		A		20/1	Rec. Hall & 14		20
21		Rec. 111,112,113,116	20/1		B		20/1	Water Cooler		22
23		Water Cooler	20/1		C		20/1	Rec. Commons		24
25		Rec. Multi-Purp. Rm.	20/1		A		20/1	BAS Control		26
27		Circulating Pumps	20/1		B		20/1	Art Rm. Track Lights		28
29		HW & Recirc Pumps	20/1		C		20/1	EF13 & AHU Lights		30
31		Boiler Pump 1	20/1		A		20/1	Timeclocks		32
33		Boiler Pump 2	20/1		B		20/1	Boiler 1		34
35		Boiler 2	20/1		C		30/1	Trash Compactor		36
37		Kiln	60/2		A		20/1	Heat Trace		38
39					B		20/1	Heat Trace		40
41		Spare	20/1		C		20/1	Rec. Rm. 12		42

N.E.C. Connected KW: Ph.A 0.00
N.E.C. Connected KW: Ph.B 0.00
N.E.C. Connected KW: Ph.C 0.00
N.E.C. Connected Total: 0.00 KW
3-Phase Connected Amps Total: 0.00 A

Panelboard MPZ1 Voltage 120/240 Phase 1 Options/Notes 7.5KVA (20A PRI. MCB)
Panel Type MPU OCPD 40A MCB Wire 3 Location Site - By Water Meter Pit
NEMA Type 3R Mains 100A AIC 35K Mounting Surface

kW	Ckt. No.	Wire Size	Load Description	Brkr. Size	Brkr. Opt.	Phase	Brkr. Opt.	Brkr. Size	Load Description	Wire Size	Ckt. No.	kW
1.500	1	12	HOT BOX HEATER	20/1	GFCI	A		40/2	MAIN BREAKER		2	0.000
1.500	3	12	HOT BOX HEATER	20/1	GFCI	B					4	0.000
0.100	5	12	LIGHTED SIGN	20/1		A		20/1	RECEPTACLE	12	6	0.180
0.860	7	12	SUMP PUMP	20/1		B		20/1	HOT BOX ALARM PANEL	12	8	0.100
0.000	9		SPACE			A			SPACE		10	0.000
0.000	11		SPACE			B			SPACE		12	0.000
0.000	13		SPACE			A			SPACE		14	0.000
0.000	15		SPACE			B			SPACE		16	0.000

N.E.C. Connected KW: Ph.A 1.78
N.E.C. Connected KW: Ph.B 2.46
N.E.C. Connected Total: 4.24 KW
Single-Phase Connected Amps Total: 17.67 A

3 PANEL SCHEDULES

NTS

GENERAL NOTES:

1. PROVIDE TYPEWRITTEN PANEL SCHEDULES FOR ALL PANELBOARDS SHOWN WITH AS-BUILD CIRCUITS CLEARLY LABELED.

CODED NOTES:

1. REPLACE TWO EXISTING 20/1 BREAKERS AND PROVIDE A 20/2 BREAKER (MATCH EXISTING) FOR CIRCUIT SHOWN. EXISTING BREAKERS SHALL BE INSTALLED IN SLOTS 26 AND 28 AS SPARES.
2. REMOVE EXISTING LOAD (SERVING WATER METER PIT'S SUMP PUMP). CONDUCTOR SERVING SPD TO REMAIN.

ADVANCED ENGINEERING CONSULTANTS
Mechanical | Electrical | Plumbing | Fire Protection | Utilities
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REV NUMBER	REV DESCRIPTION	REV DATE

DCSD PLUMBING IMPROVEMENTS
OLDE SAWMILL ELEMENTARY SCHOOL
BACKFLOW PREVENTER

DETAILS AND SCHEDULES ELECTRICAL

SUBMITTAL: BID SET

E-501

SCALE: NONE

DSN: G. LIM | DRN: G. LIM | CHK: N. ALBAUGH | DATE: NOVEMBER 13, 2026

Date:11/11/2026 1:02 PM File Location:Z:\2025 proj\25-002-007 DCS HVAC and Plumbing Upgrades\CAD\CAD Sheets\Olde Sawmill\ Last Edit:Gavin.Lim

DUBLIN CITY SCHOOL DISTRICT BOARD OF EDUCATION

DCSD PLUMBING IMPROVEMENTS PROJECT
COFFMAN HIGH SCHOOL
BACKFLOW PREVENTER

6780 COFFMAN ROAD

DUBLIN, OHIO 43017

DRAWING INDEX	
DRAWING NUMBER	DRAWING TITLE
COVER	COVER SHEET
C001	WATER SERVICE TITLE SHEET
C002	GENERAL NOTES
C003	GENERAL NOTES AND ESTIMATE OF QUANTITIES
C004	WATER SERVICE PLAN
C005	WATER SERVICE NOTES AND DETAILS
E-101	PARTIAL FIRST FLOOR PLAN - ELECTRICAL - POWER
E-501	DETAILS AND SCHEDULES - ELECTRICAL

BID SET
NOVEMBER 13, 2026

PERMITS AND REGULATIONS GENERAL NOTE(S) TO CONTRACTOR:

THE CONTRACTOR SHALL OBTAIN ALL RELATED PERMITS REQUIRED BY LAWS, ORDINANCES, RULES, REGULATIONS, AND PUBLIC AUTHORITY HAVING JURISDICTION (CITY OF COLUMBUS FOR WATER SERVICE AND BACKFLOW PREVENTER; CITY OF DUBLIN FOR SITE AND ELECTRIC). THE CONTRACTOR SHALL OBTAIN CERTIFICATES OF INSPECTIONS AS REQUIRED BY THE PERMIT DOCUMENTS AND SHALL SUBMIT SAME TO THE A/E. THE CONTRACTOR SHALL PAY ALL FEES, CHARGES, AND EXPENSES IN CONNECTION THEREWITH. THE CONTRACTOR SHALL FURNISH TO THE OWNER A CERTIFICATE OF FINAL INSPECTION FROM THE PROPER AUTHORITY PRIOR TO FINAL PAYMENT. OBTAIN AND PAY FOR EASEMENTS REQUIRED TO BRING TEMPORARY UTILITIES TO THE SITE, WHERE THE OWNER'S EASEMENT CANNOT BE UTILIZED FOR THAT PURPOSE.

THE CONTRACTOR SHALL NOT ALLOW OR CAUSE ANY OF THE WORK TO BE COVERED UP OR ENCLOSED UNTIL THE A/E OR OWNER HAS BEEN NOTIFIED AND GIVEN REASONABLE OPPORTUNITY (5 WORKING DAYS) TO REVIEW THE WORK. WHEN REQUIRED BY LAW OR REGULATIONS, THE GOVERNMENTAL AGENCY HAVING JURISDICTION FOR INSPECTIONS SHALL BE GIVEN REASONABLE NOTICE AND OPPORTUNITY TO INSPECT THE WORK. ANY WORK THAT IS ENCLOSED OR COVERED UP BEFORE SUCH INSPECTION AND TEST SHALL BE UNCOVERED AT THE CONTRACTOR'S EXPENSE; AFTER IT HAS BEEN INSPECTED, THE CONTRACTOR SHALL RESTORE THE WORK TO ITS ORIGINAL CONDITION AT HIS OWN EXPENSE.

ALLOWANCE

REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION OF ALLOWANCE FOR FIRE WATCH SERVICES AND 3RD PARTY INSPECTIONS/TESTING.

PREPARED BY

AEC
Advanced Engineering Consultants

PROPOSED SEQUENCE OF WORK (2027):

1. ANTICIPATED NOTICE OF AWARD: 1/18/2027
2. SUBMISSION AND REVIEW OF SCHEDULE OF VALUES, SUBMITTALS, ETC.: FEB 2027 THRU MARCH 2027.
3. DCS SPRING BREAK, 3/29/27 - 4/2/27: CONTRACTOR MAY PERFORM SITE INVESTIGATION AND NON-INVASION EXPLORATORY WORK. AT THIS TIME, NO UTILITY SHUTDOWN WILL BE PERMITTED.
4. DCS SUMMER BREAK, 6/1/27 THRU 7/30/27: PERIOD WHERE CONSTRUCTION IS PERMITTED. ALL PROPOSED UTILITY OUTAGES MUST BE COORDINATED WITH DCS AND A/E NO LESS THAN 14 CALENDAR DAYS PRIOR.
5. FIRE WATCH: DURING OUTAGE OF SPRINKLER SYSTEM, FIRE WATCH MUST BE PROVIDED BY THE CONTRACTOR (UTILIZING ALLOWANCE) AND IN COMPLIANCE WITH THE LOCAL AHJ (FIRE MARSHAL) REQUIREMENTS.
6. PROJECT CLOSEOUT DOCUMENTATION AND PROCEDURES SHALL BE COMPLETED BY 9/30/27.

City of Dublin
OHIO, USA

Approved for Construction
DUB-2026-0407
10/30/2026

PRIVATE SITE IMPROVEMENT PLAN
COFFMAN HIGH SCHOOL
6780 COFFMAN ROAD
DUBLIN, FRANKLIN COUNTY, OHIO 43017
P.I.D. 273-000325-00
2026

SURVEY INFORMATION

REFERENCE BENCHMARK

BENCHMARKS WERE DERIVED FROM A VRS OBSERVATION OF MONUMENTS, PID DESIGNATION OF AJ7184, CORS_ID COLB AND ALL OTHER ELEVATION ARE BASED UPON THIS OBSERVATION.

ELEV.: 722.39' (ADJUSTED)
(NAVD 88 REFERENCE DATUM)

BENCH MARK

'X' CUT IN NORTH RIM OF WATER STRUCTURE LOCATED 45' SOUTHWEST OF THE NORTHWEST CORNER OF THE SCHOOL BUILDING AND 41' EAST OF THE EAST BACK OF CURB LINE OF COFFMAN ROAD.

ELEV.: 893.40'
(NAVD88)

DATUM NOTE
HORIZONTAL COORDINATES ARE BASED ON THE OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD83(2011). VERTICAL ELEVATIONS ARE BASED ON NAVD88 AND DERIVED USING GEOID18.

RELATED PLANS	
FINAL DEVELOPMENT PLANNING NUMBER	N/A
WATER SERVICE PLAN	N/A
PUBLIC ROADWAY PLANS	N/A
PUBLIC WATER PLAN	N/A
PUBLIC SANITARY PLAN	N/A
RELATED PERMITS	
OEPA FACILITY PERMIT NUMBER (NOI)	N/A
SANITARY PTI	N/A
WATER PTI	N/A
SPECIAL FLOOD HAZARD DEVELOPMENT PERMIT	N/A

UTILITY NOTES
CONNECTIONS TO EXISTING PUBLIC INFRASTRUCTURE SHALL BE CORE DRILLED. CONNECTIONS TO EXISTING UTILITIES REQUIRE CITY OF DUBLIN INSPECTION.

UTILITY CONTACTS

AMERICAN ELECTRIC POWER (AEP)
BOB MATTHEWS
700 MORRISON ROAD
GAHANNA, OH 43230
REMATTHEWS@AEP.COM
PHONE: 740-647-2080
OFFICE: 800-277-2177

SPECTRUM/CHARTER COMMUNICATIONS
JORGE ESPINAL
FRANK HARRIS
3760 INTERCHANGE ROAD
COLUMBUS, OH 43204
JORGE.ESPINAL@CHARTER.COM
FRANK.HARRIS@CHARTER.COM
DL-MOH-CONSTRUCTION-FRELO-TEAM@CHARTER.COM
PHONE: 614-314-5279
PHONE: 614-496-2851
OFFICE: 614-481-5342

COLUMBIA GAS
ROB CALDWELL
3550 JOHNNY APPLESEED CT
COLUMBUS, OH 43231
RCALDWELL@NISOURCE.COM
OFFICE: 614-370-1906

CITY OF COLUMBUS
DIVISION OF WATER
910 DUBLIN ROAD
COLUMBUS, OH 43215
OFFICE: 614-645-7788

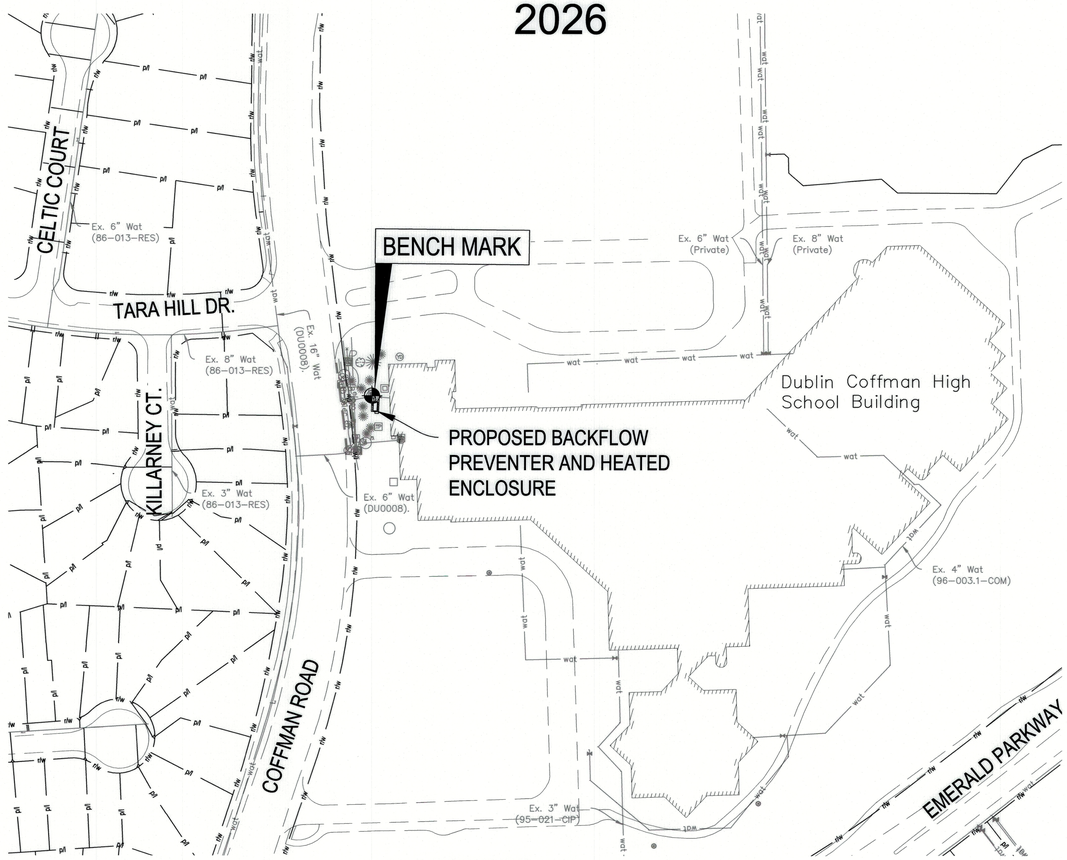
AT&T
CHRIS EICHORN
ERIC EMORY
111 N. 4TH ST, 8TH FLOOR
COLUMBUS, OH 43215
CE2382@ATT.COM
EE2758@ATT.COM
PHONE: 614-477-9261
OFFICE: 614-223-3953

CITY OF DUBLIN
6555 SHIRE RINGS ROAD
DUBLIN, OHIO 43016-8716
614-410-4740

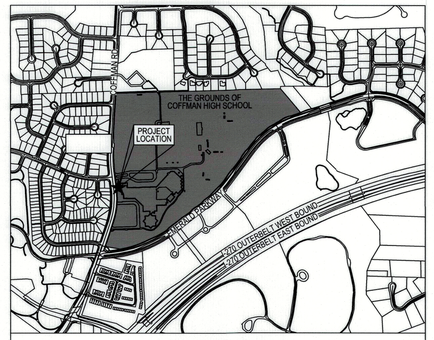
DUBLINK (COLUMBUS FIBERNET)
SAM PUTKA
1600 WALCUTT ROAD
COLUMBUS, OH 43228
SJPUTKA@COLUMBUSFIBER.NET
PHONE: 614-563-0472
OFFICE: 614-921-8546

1" = 100'

OHIO811.org
Before You Dig



INDEX MAP
SCALE: 1" = 100'



LOCATION MAP
1"=1000'
*ENTIRE LOCATION MAP IS INSIDE OF THE CITY OF DUBLIN

SHEET INDEX		
SHEET NUMBER		SHEET NAME
1	C001	TITLE SHEET
2	C002	GENERAL NOTES
3	C003	GENERAL NOTES CONTINUED AND ESTIMATE OF QUANTITIES
4	C004	WATER SERVICE PLAN
5	C005	WATER SERVICE NOTES AND DETAILS

PROPERTY OWNER
BOARD OF EDUCATION OF THE DUBLIN CITY SCHOOL DISTRICT
5175 EMERALD PARKWAY
4TH FL DUBLIN OHIO 43017
EMAIL: BOE@DUBLINSCHOOLS.NET

APPLICANT
ADVANCED ENGINEERING CONSULTANTS
1405 DUBLIN ROAD
COLUMBUS, OHIO 43215
PHONE: 614-643-3553
CONTACT: GAVIN LIM
EMAIL: GAVIN.LIM@AECMEP.COM

ENGINEER
V3 COMPANIES
550 POLARIS PKWY, STE 250
WESTERVILLE, OHIO 43082
PHONE: 614-761-1661
FAX: 614-761-1328
CONTACT: STEVE FOX, P.E.
EMAIL: SFOX@V3CO.COM

PROJECT DESCRIPTION:
ADDITION OF PROPOSED BACKFLOW PREVENTER TO EXISTING WATER SERVICE LINE FOR COFFMAN HIGH SCHOOL.

STANDARD CONSTRUCTION DRAWINGS								
CITY OF DUBLIN			CITY OF COLUMBUS				ODOT	
SL-05			L-1003	L-1004	L-6306	L-6309B		
			L-6311	L-6312	L-9002G	L-9901		

SIGNATURES BELOW SIGNIFY ONLY CONCURRENCE WITH THE GENERAL PURPOSES AND GENERAL LOCATION OF THE PROJECT AND DOES NOT CONSTITUTE ASSURANCE TO OPERATE AS INTENDED. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE PROFESSIONAL CIVIL ENGINEER PREPARING THE PLANS.

DIRECTOR OF ENGINEERING/CITY ENGINEER
CITY OF DUBLIN, OHIO
JEREMY V. HOYT, P.E.
10/27/2026
DATE

DIRECTOR OF COMMUNITY PLANNING AND DEVELOPMENT
CITY OF DUBLIN, OHIO
JENNIFER M. RAUCH, AICP
10/23/26
DATE

THIS IS TO CERTIFY THAT GOOD ENGINEERING PRACTICES HAVE BEEN UTILIZED IN THE DESIGN OF THIS PROJECT AND THAT ALL OF THE MINIMUM STANDARDS AS SET FORTH BY THE CITY OF DUBLIN, INCLUDING THOSE STANDARDS GREATER THAN MINIMUM WHERE, IN MY OPINION, THEY ARE NEEDED TO PROTECT THE SAFETY OF THE PUBLIC.

STATE OF OHIO
STEVEN E. FOX, JR.
E-70756
REGISTERED PROFESSIONAL ENGINEER

PROFESSIONAL ENGINEER
NO. 70756
10/12/26
DATE

REVISION RECORD

NO.	DATE	REVISION DESCRIPTION	ENG	DUB

V3 COMPANIES
550 Polaris Parkway
Suite 250
Westerville, OH 43082
614.761.1661 phone
www.v3co.com

PRIVATE SITE IMPROVEMENT PLAN
COFFMAN HIGH SCHOOL
6780 COFFMAN ROAD
DUBLIN, FRANKLIN COUNTY, OHIO
P.I.D. 273-000325-00
2026

TITLE SHEET
05/11/2026

CITY OF DUBLIN PROJECT NUMBER
26-010-COM

DRAWING NUMBER
C001

SHEET NUMBER
1 OF 5

City of Dublin
Ohio
Approved for Construction
01/16/2026
03/30/2026

PRIVATE DEVELOPMENT GENERAL NOTES

(ISSUED NOVEMBER 13, 2024)

1. THE REGULATIONS AND CONSTRUCTION STANDARDS OF THE CITY OF DUBLIN, TOGETHER WITH CITY OF COLUMBUS AND OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS, CURRENT EDITIONS, AND ANY SUPPLEMENTS THERETO (HEREINAFTER REFERRED TO AS STANDARD SPECIFICATIONS), SHALL GOVERN ALL MATERIALS AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS OF THESE PLANS UNLESS OTHERWISE NOTED. IF A CONFLICT BETWEEN SPECIFICATIONS IS FOUND, THE MORE STRICT SPECIFICATION WILL APPLY, AS DECIDED BY THE CITY ENGINEER.

2. STANDARD DRAWINGS AND DESIGN STANDARDS SHALL FIRST FOLLOW REGULATIONS SET FORTH BY CITY OF DUBLIN, FOLLOWED BY CITY OF COLUMBUS, FOLLOWED BY ODOT, FOLLOWED BY DESIGN ENGINEER "PER PLAN" NOTE. ITEM NUMBERS LISTED IN THESE PLANS SHALL REFER TO CITY OF COLUMBUS ITEM NUMBERS.

3. ANY MODIFICATIONS TO THE APPROVED PLANS MUST BE SUBMITTED BY THE ENGINEER OF RECORD TO THE CITY ENGINEER FOR REVIEW AND APPROVAL. MODIFICATIONS SHALL FOLLOW THE PLAN REVISION PROCESS AS SET FORTH BY THE CITY ENGINEER.

4. THE CONTRACTOR/DEVELOPER SHALL BE RESPONSIBLE FOR MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCE OF CONSTRUCTION. THE CITY ENGINEER WILL NOT BE RESPONSIBLE FOR SAFETY ON THE WORK SITE, OR FOR FAILURE BY THE CONTRACTOR/DEVELOPER TO PERFORM WORK ACCORDING TO THE APPROVED PLANS.

5. THE CONTRACTOR AND ANY SUBCONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970. THE CONTRACTOR SHALL EXERCISE PRECAUTIONS ALWAYS FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT SHALL ALSO BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INITIATE, MAINTAIN, AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH THE WORK, INCLUDING THE REQUIREMENTS FOR CONFINED SPACES PER OSHA 29 CFR 1910.146.

6. THE DESIGN ENGINEER, DEVELOPER, OR CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS, FEES, LICENSES, AND INSPECTION REQUIRED FOR THE PROPER EXECUTION OF THE IMPROVEMENTS SHOWN ON THE APPROVED PLANS, INCLUDING BUT NOT LIMITED TO OHIO EPA PERMITS TO INSTALL (PTI) AND NOTICES OF INTENT (NOI), BUILDING PERMITS, ETC.

7. PRIOR TO CONSTRUCTION, AND AFTER PLANS AND EASEMENTS HAVE BEEN APPROVED, THE CONTRACTOR SHALL CONTACT THE CITY OF DUBLIN DIVISION OF ENGINEERING AT 614-410-4740 TO SET UP A PRECONSTRUCTION MEETING. THE CONTRACTOR SHALL PROVIDE A DETAILED CONSTRUCTION SCHEDULE AND CONTACT INFORMATION FOR ALL CONTRACTORS AND SUBCONTRACTORS. ONCE THE PRECONSTRUCTION MEETING HAS BEEN HELD, THE CONTRACTOR SHALL CONTACT THE DIVISION OF ENGINEERING IN WRITING 14 CALENDAR DAYS PRIOR TO THE START OF CONSTRUCTION.

8. ALL PRECAST CONCRETE PRODUCTS SHALL BE INSPECTED AT THE LOCATION OF MANUFACTURE. APPROVED PRECAST CONCRETE PRODUCTS WILL BE STAMPED OR HAVE SUCH IDENTIFICATION NOTING THAT INSPECTION HAS BEEN CONDUCTED BY THE CITY OF COLUMBUS. PRECAST CONCRETE PRODUCTS WITHOUT PROOF OF INSPECTION SHALL NOT BE APPROVED FOR INSTALLATION.

9. THE CONTRACTOR SHALL SUBMIT A COPY OF THE APPROVED PLANS AND A LIST OF PROPOSED PRECAST CONCRETE PRODUCT MANUFACTURERS TO THE CITY OF COLUMBUS CONSTRUCTION INSPECTION DIVISION BEFORE COMMENCING CONSTRUCTION.

   SEND INFORMATION TO THE FOLLOWING ADDRESS:
   CONSTRUCTION INSPECTION DIVISION
   CITY OF COLUMBUS
   1800 EAST 17TH AVENUE
   COLUMBUS, OHIO 43219

   SEND COPY OF TRANSMITTAL LETTER TO THE FOLLOWING ADDRESS:
   DIVISION OF ENGINEERING-UTILITIES
   CITY OF DUBLIN
   6555 SHIER RINGS ROAD
   DUBLIN, OHIO 43016

10. WITHIN 30 DAYS OF COMPLETION OF CONSTRUCTION, AND BEFORE REQUESTING OCCUPANCY, AN AS-BUILT SURVEY SHALL BE PROVIDED TO THE DIVISION OF BUILDING STANDARDS UNDER THE APPROVED SITE PERMIT, THAT DOCUMENTS AS-BUILT ELEVATIONS, DIMENSIONS, SLOPES, AND ALIGNMENTS OF ALL ELEMENTS OF THE PROJECT. THE AS-BUILT SURVEY SHALL BE PREPARED, SIGNED, AND SUBMITTED BY THE PROFESSIONAL ENGINEER WHO SEALED THE CONSTRUCTION PLANS. SEE DIVISION OF ENGINEERING ADMINISTRATIVE POLICY 08-030 FOR COMPLETE REQUIREMENTS.

11. THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCHMARKS, PROPERTY CORNERS, REFERENCE POINTS, STAKES, AND OTHER SURVEY REFERENCE MONUMENTS OR MARKERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATIONS OF SURVEY MARKERS DISTURBED DURING CONSTRUCTION, AT THE CONTRACTOR'S EXPENSE. RESETTING OF MARKERS SHALL BE PERFORMED BY AN OHIO PROFESSIONAL SURVEYOR AND APPROVED BY THE CITY ENGINEER.

12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE AND VERIFY THE EXTENT OF WORK TO BE PERFORMED, TO IDENTIFY THE NECESSARY CONSTRUCTION MEANS AND METHODS TO ACCOMPLISH ALL WORK ITEMS AS PART OF THE APPROVED PLANS, AND TO NOTIFY THE ENGINEER OF RECORD AND CITY ENGINEER OF ANY IDENTIFIED CONFLICTS, ERRORS, OR OMISSIONS FROM THE APPROVED PLANS.

13. THE CONTRACTOR SHALL RESTRICT CONSTRUCTION ACTIVITY TO THE CONSTRUCTION LIMITS AS SHOWN ON THE APPROVED PLANS, AND AREAS DEFINED AS PERMANENT AND/OR TEMPORARY CONSTRUCTION EASEMENTS, UNLESS OTHERWISE AUTHORIZED BY THE CITY ENGINEER. ALL WORK PERFORMED IN THE RIGHT-OF-WAY OR CONNECTING TO ANY PUBLIC INFRASTRUCTURE SHALL BE COORDINATED WITH AND INSPECTED BY THE CITY OF DUBLIN INSPECTOR.

14. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY PROPERTY, UTILITY, STRUCTURE, SIGNS, LANDSCAPING, OR OTHER INFRASTRUCTURE AT THEIR EXPENSE THAT HAS BEEN DAMAGED DURING CONSTRUCTION TO AN EQUAL OR BETTER CONDITION THAN EXISTED PRIOR TO THE DAMAGE. ALL WORK IS TO BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE CITY ENGINEER.

15. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO EQUAL OR BETTER CONDITION THAN EXISTED BEFORE CONSTRUCTION PER ITEM 659. DRAINAGE DITCHES OR WATERCOURSES THAT ARE DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO THE GRADE AND CROSS SECTIONS THAT EXISTED BEFORE CONSTRUCTION UNLESS OTHERWISE NOTED ON THE APPROVED PLANS.

PRIVATE DEVELOPMENT GENERAL NOTES (CONTINUED)

16. THE CONTRACTOR SHALL ABIDE BY CONSTRUCTION HOURS AND REQUIREMENTS AS DEFINED IN SECTION 150.160 OF THE CITY CODE.

17. NON-RUBBER TIRED VEHICLES SHALL NOT BE MOVED ON OR ACROSS PUBLIC STREETS OR HIGHWAYS WITHOUT THE WRITTEN PERMISSION OF THE CITY ENGINEER.

18. TRACKING OR SPILLING MUD, DIRT, OR DEBRIS UPON STREETS, RESIDENTIAL OR COMMERCIAL DRIVES, SIDEWALKS, OR SHARED-USE PATHS IS PROHIBITED ACCORDING TO SECTION 97.38 OF THE CITY CODE. ANY SUCH OCCURRENCE SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR AT NO COST TO THE CITY. IF THE CONTRACTOR FAILS TO REMOVE SAID MUD, DIRT, DEBRIS, OR SPILLAGE, THE CITY RESERVES THE RIGHT TO REMOVE THESE MATERIALS AND CLEAN AFFECTED AREAS, THE COST OF WHICH SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

19. DISPOSAL OF EXCESS EXCAVATION WITHIN SPECIAL FLOOD HAZARD AREAS (100-YEAR FLOODPLAIN) IS NOT PERMITTED.

20. ALL FIELD TILES BROKEN DURING EXCAVATION SHALL BE REPLACED OR REPAIRED AND CONNECTED TO THE PUBLIC STORM SEWER SYSTEM AS DIRECTED BY THE CITY ENGINEER. THE COST OF THIS WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

21. ALL TREES WITHIN THE PROJECT LIMITS NOT SPECIFICALLY DESIGNATED FOR REMOVAL SHALL BE PRESERVED, WHETHER SHOWN OR NOT SHOWN ON THE APPROVED PLANS, UNLESS APPROVED BY THE CITY ENGINEER. TREES TO BE PRESERVED SHALL BE PROTECTED WITH HIGH VISIBILITY FENCING PLACED A MINIMUM OF 15 FEET FROM THE TREE TRUNK. TREES 6 INCHES OR GREATER AT DBH (DIAMETER BREAST HEIGHT) MUST BE PROTECTED WITH FENCING PLACED AT THE CRITICAL ROOT ZONE OR 15 FEET, WHICHEVER IS GREATER. TREE TRIMMING WITHIN THE RIGHT-OF-WAY IS TO BE COMPLETED BY A CERTIFIED ARBORIST.

22. UTILITY TRENCH BACKFILL WITHIN A 1:1 INFLUENCE OF PUBLIC OR PRIVATE INFRASTRUCTURE (PAVEMENT, CURBS, SIDEWALKS, SHARED-USE PATHS, ETC.) OR EXISTING STRUCTURES (HOUSES, GARAGES, ETC.) SHALL BE COMPACTED GRANULAR BACKFILL PER ITEM 912 OF THE STANDARD SPECIFICATIONS, OR LOW STRENGTH MORTAR BACKFILL, TYPE II, PER ITEM 613. ITEM 911 OF THE STANDARD SPECIFICATIONS SHALL BE USED ELSEWHERE.

23. ALL STORM SEWERS, SANITARY SEWERS AND WATER LINES SHALL BE LOCATED AT LEAST 10 FEET HORIZONTALLY FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE. ALL UTILITIES SHALL HAVE A MINIMUM OF 18 INCH OF VERTICAL CLEARANCE.

24. STORM SEWERS, SANITARY SEWERS, AND WATER LINES, LOCATED IN FILL AREAS SHALL NOT BE CONSTRUCTED UNTIL AFTER COMPACTED FILL HAS BEEN INSTALLED TO PROPOSED GRADE.

25. ALL MANHOLE LIDS IN PAVEMENT SHALL HAVE A CONCRETE COLLAR PER CITY OF DUBLIN STANDARD DRAWING.

26. ALL TRENCHES WITHIN PUBLIC RIGHT-OF-WAY SHALL BE BACKFILLED ACCORDING TO THE APPROVED PLANS OR SECURELY PLATED DURING NON-WORKING HOURS. TRENCHES OUTSIDE THESE AREAS SHALL BE BACKFILLED OR PROTECTED BY APPROVED TEMPORARY FENCING OR BARRICADES DURING NON-WORKING HOURS. CLEAN UP SHALL IMMEDIATELY FOLLOW THE TRENCHING OPERATION.

27. ANY UTILITY MUST BE DIRECTIONALLY BORED ACROSS STREET INSTEAD OF OPEN CUT, UNLESS SPECIFICALLY APPROVED BY THE CITY ENGINEER. USE OF PNEUMATIC AIR RAM DEVICES IS NOT PERMITTED. SHOULD OPEN CUTTING OF EXISTING PAVEMENT BE PERMITTED, LOW STRENGTH MORTAR BACKFILL, TYPE II PER ITEM 613 SHALL BE USED IN PLACE OF COMPACTED GRANULAR BACKFILL. PERMITS TO CONSTRUCT IN THE RIGHT-OF-WAY MUST BE OBTAINED FROM THE DIVISION OF ENGINEERING BEFORE COMMENCING CONSTRUCTION.

28. PAVEMENT SHALL BE CUT IN NEAT, STRAIGHT LINES THE FULL DEPTH OF THE EXISTING PAVEMENT, OR AS REQUIRED BY THE CITY ENGINEER. PAVEMENT REPLACEMENT SHALL BE CONDUCTED ACCORDING TO CITY OF COLUMBUS STANDARD DRAWING 1441, AND APPLICABLE CITY OF DUBLIN STANDARD DRAWINGS. THE REPLACEMENT OF DRIVEWAYS, ADA RAMPS, SIDEWALKS, SHARED-USE PATHS, PARKING LOT PAVEMENT, ETC. SHALL BE INSTALLED ACCORDING TO THE APPROVED PLANS AND CITY OF DUBLIN STANDARD DRAWINGS.

29. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONDITION OF TRENCHES WITHIN THE RIGHT-OF-WAY AND PUBLIC EASEMENTS FOR A PERIOD OF ONE YEAR FROM THE FINAL ACCEPTANCE OF THE WORK AND SHALL MAKE ANY NECESSARY REPAIRS AT NO COST TO THE CITY.

30. THE CONTRACTOR IS NOT PERMITTED TO USE ANY RECLAIMED OR RECYCLED MATERIALS IN ITEM 304, AGGREGATE BASE UNLESS APPROVED BY THE CITY ENGINEER.

31. PARK AREAS SHALL BE FINE-GRADED AND SEEDED WITH THE FOLLOWING MIXTURE:

    IMPROVED KENTUCKY BLUEGRASS: 40% OF WEIGHT (2 VARIETIES IN EQUAL PARTS)
    IMPROVED PERENNIAL RYE: 60% OF WEIGHT (2 VARIETIES IN EQUAL PARTS)
    GERMINATION RATE: 85%
    APPLICATION RATE: 7 POUNDS PER 1000 SQUARE FEET OR AS DIRECTED BY THE DIVISION OF PARKS AND RECREATION

UTILITIES NOTES

32. THE CONTRACTOR SHALL GIVE NOTICE TO CONSTRUCT TO OHIO UTILITIES PROTECTION SERVICE (800-362-2764 OR 8-1-1), AND TO OWNERS OF UNDERGROUND UTILITIES THAT ARE NOT MEMBERS OF A REGISTERED UNDERGROUND PROTECTION SERVICE. NOTICE SHALL BE GIVEN AT LEAST 2 WORKING DAYS BEFORE THE START OF CONSTRUCTION.

33. THE IDENTITY AND LOCATIONS OF EXISTING UNDERGROUND UTILITIES IN THE CONSTRUCTION AREA HAVE BEEN SHOWN ON THE APPROVED PLANS AS ACCURATELY AS PROVIDED BY THE OWNER OF THE UTILITY. THE CITY OF DUBLIN AND CITY ENGINEER ASSUME NO RESPONSIBILITY FOR THE ACCURACY OF UNDERGROUND FACILITIES SHOWN ON THE APPROVED PLANS. IF DAMAGE IS CAUSED TO UNDERGROUND UTILITIES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF THE SAME AND FOR ANY RESULTING CONTINGENT DAMAGE.

34. LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES, WHETHER SHOWN OR NOT SHOWN ON THE APPROVED PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

35. WHEN UNKNOWN OR INCORRECTLY LOCATED UNDERGROUND UTILITIES ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD, OWNER, AND THE CITY ENGINEER.

36. PUBLIC STREET LIGHTING MAY BE IN THE VICINITY OF THIS PROJECT. CONTACT THE DIVISION OF ENGINEERING AT 614-410-4740, 14 CALENDAR DAYS PRIOR TO BEGINNING WORK.

TRAFFIC CONTROL

37. TRAFFIC CONTROL FOR VEHICULAR, PEDESTRIAN, AND SHARED-USE PATH TRAFFIC SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR ACCORDING TO THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD), CURRENT EDITION.

38. ALL TRAFFIC LANES OF PUBLIC ROADWAYS SHALL BE FULLY OPEN TO TRAFFIC FROM 7:00 AM TO 9:00 AM AND FROM 4:00 PM TO 6:00 PM UNLESS APPROVED BY THE CITY ENGINEER. AT ALL OTHER HOURS, THE CONTRACTOR SHALL FOLLOW THE MAINTENANCE OF TRAFFIC IN THE APPROVED PLANS. UNIFORMED, OFF-DUTY POLICE OFFICERS SHALL REPLACE FLAGMEN DESIGNATED BY THE OMUTCD, AND SHALL BE PRESENT WHENEVER ONE-LANE, TWO-WAY TRAFFIC CONTROL IS IN EFFECT. POLICE CRUISERS MAY BE REQUIRED AS DIRECTED BY THE CITY ENGINEER.

39. IF THE CITY ENGINEER DETERMINES THAT THE CONTRACTOR IS NOT PROVIDING PROPER PROVISIONS FOR TRAFFIC CONTROL, THE CITY ENGINEER SHALL ASSIGN UNIFORMED, OFF-DUTY POLICE OFFICERS AT THE CONTRACTOR'S EXPENSE.

40. STEADY-BURNING, TYPE "C" LIGHTS PER THE OMUTCD SHALL BE REQUIRED ON ALL BARRICADES, DRUMS, AND SIMILAR TRAFFIC CONTROL DEVICES IN USE AT NIGHT.

41. ACCESS FROM PUBLIC ROADWAYS TO ALL ADJOINING PROPERTIES FOR EXISTING RESIDENTS AND BUSINESSES SHALL BE MAINTAINED AT ALL TIMES FOR MAIL, PUBLIC WATER AND SANITARY SEWER SERVICE, AND EMERGENCY VEHICLES. THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN DETAILING THE PROPOSED MAINTENANCE OF TRAFFIC PROCEDURES FOR ROADWAYS, SIDEWALKS, AND SHARED-USE PATHS. THE TRAFFIC CONTROL PLAN MUST INCORPORATE TRAFFIC CONTROL DETAILS AS SHOWN ON THE APPROVED PLANS. THE TRAFFIC CONTROL PLAN PROPOSED BY THE CONTRACTOR MUST BE SUBMITTED, REVIEWED, AND APPROVED BY THE CITY ENGINEER PRIOR TO THE START OF CONSTRUCTION.

42. TRAFFIC CONTROL AND OTHER REGULATORY SIGNS SHALL BE TYPE S WITH A SQUARE POST ANCHOR BASE INSTALLATION AND MEET ALL REQUIREMENTS OF ODOT TC-41.20 AND APPLICABLE CITY OF DUBLIN SPECIFICATIONS.

43. STREET SIGNS SHALL MEET ALL CITY OF DUBIN SPECIFICATIONS WITH LETTERING COLORED IN WHITE DISPLAYED OVER A BROWN BACKGROUND. SIGN TUBING SHALL BE BROWN IN COLOR AND CONFORM WITH TYPE S SQUARE POST ANCHOR BASE INSTALLATION REQUIREMENTS OF ODOT TC-41.20.

EROSION AND SEDIMENT CONTROL NOTES

44. THE CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS AND CONDITIONS AS SET FORTH BY THE OHIO EPA GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY. A COPY OF THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWP3), NPDES PERMIT, AND THE OHIO EPA NOI MUST BE KEPT ON SITE AND CLEARLY DISPLAYED AT ALL TIMES. WHEN A SWP3 IS REQUIRED, THIS PLAN SET SHALL NOT BE APPROVED UNTIL THE SWP3 HAS BEEN REVIEWED AND APPROVED BY THE CITY OF DUBLIN.

45. ALL LAND DISTURBING ACTIVITIES SHALL BE SUBJECT TO INSPECTION AND SITE INVESTIGATION BY THE CITY OF DUBLIN AND/OR THE OHIO EPA.

46. THE CONTRACTOR SHALL PROVIDE SEDIMENT CONTROL AT ALL POINTS WHERE STORM WATER RUNOFF LEAVES THE SITE, INCLUDING WATERWAYS, OVERLAND SHEET FLOW, AND STORM SEWERS. EROSION AND SEDIMENT CONTROL SHALL BE PROVIDED PER THE REQUIREMENTS OF THE "RAINWATER AND LAND DEVELOPMENT" MANUAL PROVIDED BY THE OHIO EPA.

47. ACCEPTED METHODS OF PROVIDING EROSION/SEDIMENT CONTROL INCLUDE BUT ARE NOT LIMITED TO SEDIMENT BASINS, SEDIMENT TRAPS, SILT FILTER FENCE, AGGREGATE CHECK DAMS, AND TEMPORARY GROUND COVER. HAY OR STRAW BALES ARE NOT PERMITTED.

48. THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE OF THE SITE AREA AT ALL TIMES CONSISTENT WITH APPROPRIATE EROSION CONTROL PRACTICES.

49. STABILIZATION OF DISTURBED AREAS SHALL AT A MINIMUM BE INITIATED IN ACCORDANCE WITH THE TIME FRAME SPECIFIED IN THE FOLLOWING TABLES:

TABLE 1: PERMANENT STABILIZATION

AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY AREAS THAT WILL BE DORMANT FOR ONE YEAR OR MORE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE
ANY AREAS WITHIN 50 FEET OF A SURFACE WATER AND AT FINAL GRADE	WITHIN TWO DAYS OF REACHING FINAL GRADE
OTHER AREAS AT FINAL GRADE	WITHIN SEVEN DAYS OF REACHING FINAL GRADE WITHIN THAT AREA

TABLE 2: TEMPORARY STABILIZATION

AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY DISTURBED AREAS WITHIN 50 FEET OF A SURFACE WATER AND NOT AT FINAL GRADE	WITHIN TWO DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS
ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST SEVEN DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE FOR THE INDIVIDUAL LOT(S)
DISTURBED AREAS THAT WILL BE IDLE OVER WINTER	PRIOR TO THE ONSET OF WINTER WEATHER

WHERE VEGETATIVE STABILIZATION TECHNIQUES MAY CAUSE STRUCTURAL INSTABILITY OR ARE OTHERWISE UNOBTAINABLE, ALTERNATIVE STABILIZATION TECHNIQUES MUST BE EMPLOYED.

SANITARY SEWER NOTES

50. EXTENSIONS AND/OR MODIFICATION TO THE PUBLIC SANITARY SEWER SYSTEM WILL REQUIRE AN OEPA PTI (PERMIT TO INSTALL) UNDER A SEPARATE PLAN SET. THE DEVELOPER IS RESPONSIBLE FOR OBTAINING ALL REQUIRED OHIO EPA APPROVALS AND PAYING REVIEW FEES. SANITARY SERVICE CONNECTIONS OR MODIFICATIONS TO THE PUBLIC SANITARY SEWER SYSTEM REQUIRE INSPECTION BY THE CITY OF DUBLIN DIVISION OF ENGINEERING.

51. SANITARY SEWERAGE COLLECTION SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RULES, REGULATIONS, STANDARDS, AND SPECIFICATIONS OF THE CITY OF COLUMBUS, CITY OF DUBLIN, OHIO EPA, OHIO DEPARTMENT OF HEALTH, AND THE CURRENT EDITION OF THE GREAT LAKES-UPPER MISSISSIPPI RIVER BOARD (TEN STATES) – RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES.

52. ROOF DRAINS, FOUNDATION DRAINS, FIELD TILE OR OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE STRICTLY PROHIBITED ACCORDING TO SECTION 51.23 OF THE CITY CODE.

53. MINIMUM REQUIREMENTS FOR SANITARY SEWER PIPE:
    6 INCH SERVICE LATERAL: PVC, ASTM D3034, SDR35
    8 INCH - 10 INCH: PVC, ASTM D3034, SDR35
    12 INCH - 30 INCH: PVC, ASTM D3034, SDR 35 OR SANITITE HP, ASTM F2736
    30 INCH - 60 INCH: PVC, ASTM D3034, SDR 35 OR SANITITE HP, ASTM F2764

    PIPE DEPTHS BETWEEN 20 FEET TO 28 FEET DEEP SHALL BE SDR 26. PVC PIPE SHALL NOT BE USED AT DEPTHS GREATER THAN 28 FEET. ALL PIPE MATERIALS AND RELATED STRUCTURES SHALL BE SHOP TESTED IN ACCORDANCE WITH CITY OF COLUMBUS CONSTRUCTION INSPECTION DIVISION QUALITY CONTROL REQUIREMENTS.

    MINIMUM PIPE SLOPE FOR SERVICE LATERALS SHALL BE 2.08%. MAIN LINE PIPES SHALL MEET THE REQUIREMENTS OF THE CITY OF COLUMBUS SANITARY SEWER DESIGN MANUAL.

54. TRENCH DAMS SHALL BE INSTALLED ALONG SANITARY SEWERS PER ITEM 901.11 AND SHALL BE SHOWN ON THE SANITARY SEWER PROFILE.

55. ALL IN-LINE WYE AND TEE CONNECTIONS IN CONCRETE SEWERS, 18 INCH AND LARGER, SHALL BE EITHER KOR-N-TEE OR KOR-N-SEAL CONNECTIONS CONFORMING TO THE MANUFACTURER'S RECOMMENDATIONS.

56. GRANULAR BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL PER ITEM 912 OR LOW STRENGTH MORTAR BACKFILL PER ITEM 613, TYPE II.

57. ALL MANHOLE LIDS SHALL BE PROVIDED WITH CONTINUOUS SELF-SEALING GASKETS. BOLT DOWN LIDS SHALL BE INSTALLED PER CITY OF DUBLIN STANDARD DRAWING OR AS REQUIRED BY THE CITY ENGINEER. SANITARY SEWER MANHOLES SHALL BE PRECAST CONCRETE OR AS APPROVED BY THE CITY ENGINEER AND CONFORM TO THE CITY OF DUBLIN STANDARD MANHOLE DRAWING. MANHOLE LIDS SHALL INCLUDE CITY OF DUBLIN LOGO PER CITY STANDARD DRAWINGS.

58. ALL FLEXIBLE SEWER PIPES SHALL BE DEFLECTION TESTED NO LESS THAN 30 DAYS AFTER COMPLETION OF BACKFILLING OPERATIONS. ALL OTHER REQUIREMENTS SHALL BE ACCORDING TO ITEM 901.21.

59. ALL SANITARY SEWERS INCLUDING SERVICE LINES SHALL BE SUBJECT TO AND PASS INFILTRATION AND EXFILTRATION TESTS ACCORDING TO ITEM 901 AND MUST BE INSPECTED AND APPROVED FOR USE BY THE CITY ENGINEER BEFORE ANY SERVICE CONNECTIONS ARE TAPPED INTO SEWERS.

60. FOR SANITARY SEWER INFILTRATION, LEAKAGE THROUGH JOINTS SHALL NOT EXCEED 100 GALLONS PER INCH OF TRIBUTARY SEWER DIAMETER PER 24 HOURS PER MILE OF LENGTH OR THE COMPUTED EQUIVALENT. ALL SANITARY SEWERS SHALL BE TESTED AND INSPECTED BY CITY OF DUBLIN DIVISION OF ENGINEERING.

61. UNLESS OTHERWISE DETERMINED BY THE CITY ENGINEER, THE CONTRACTOR SHALL PERFORM A CCTV INSPECTION OF THE SANITARY SEWER LATERAL PRIOR TO THE FINAL APPROVAL BY THE CITY. CCTV SHALL CONFORM TO CURRENT PACP STANDARDS. THIS WORK SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE.

VISIBLE LEAKS OR OTHER DEFECTS OBSERVED OR DISCOVERED DURING TV INSPECTION SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY ENGINEER.

62. TEMPORARY BULKHEADS SHALL REMAIN IN PLACE UNTIL THE PTI HAS BEEN ISSUED BY THE OEPA AND THE SEWERS HAVE BEEN APPROVED FOR USE BY THE CITY ENGINEER. THE COST FOR FURNISHING, INSTALLING, MAINTAINING, AND REMOVING BULKHEADS SHALL BE AT THE CONTRACTOR'S EXPENSE.

63. WHERE SANITARY SEWERS CROSS WATER MAIN OR OTHER UTILITIES, COMPACTED GRANULAR MATERIAL PER ITEM 912 SHALL BE PLACED BETWEEN THE CROSSING PIPES. IN THE EVENT A WATER LINE MUST VERTICALLY CROSS A SANITARY SEWER WITH LESS THAN 18 INCHES OF SEPARATION FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE, THE SANITARY SEWER SHALL BE CONCRETE ENCASED OR CONSIST OF DUCTILE IRON PIPE MATERIAL.

64. SERVICE RISERS SHALL BE INSTALLED WHERE THE DEPTH FROM WYES TO PROPOSED GROUND ELEVATION EXCEEDS 10 FEET. RISERS SHALL CONFORM TO STANDARD DRAWING SA-03.

65. BACKWATER VALVES SHALL BE INSTALLED ON SANITARY SERVICES WITH LESS THAN 2 FEET OF RISER PIPE WITHIN THE FOOTPRINT OF THE BUILDING AS REQUIRED BY THE CITY ENGINEER. BACKWATER VALVES SHALL BE INSTALLED AT THE TIME THE HOUSE/STRUCTURE IS CONSTRUCTED.

66. A MINIMUM 5-FOOT LENGTH OF SANITARY SEWER SERVICE PIPE SHALL BE INSTALLED AT THE TIME OF THE INSTALLATION OF THE WYE.

67. THE CONTRACTOR SHALL FURNISH AND PLACE 4 INCH X 4 INCH X 10 FEET LONG PRESSURE TREATED WOOD WYE POLES AT ALL WYE LOCATIONS, ENDS OF EXTENDED SERVICES, OR AT THE END OF EACH RISER WHERE RISERS ARE REQUIRED. WYE POLES SHALL BE VISIBLE BEFORE ACCEPTANCE BY THE CITY.

68. SANITARY WYES SHALL BE PLACED A MINIMUM OF 10 FEET FROM MANHOLES UNLESS APPROVED BY THE CITY ENGINEER.

69. EXISTING SANITARY SEWER FLOWS SHALL BE MAINTAINED AT ALL TIMES. PUMPING AND BYPASSING SANITARY SEWER FLOW SHALL BE AT THE CONTRACTOR'S EXPENSE. A PLAN FOR PUMPING SHALL BE SUBMITTED AND APPROVED BY THE CITY ENGINEER.

NO.	DATE	REVISION DESCRIPTION	ENG	DUB

REVISION RECORD

V3 COMPANIES
550 Polaris Parkway
Suite 250
Westerville, OH 43082
614.781.1681 phone
www.v3co.com

PRIVATE SITE IMPROVEMENT PLAN
COFFMAN HIGH SCHOOL
6780 COFFMAN ROAD
DUBLIN, FRANKLIN COUNTY, OHIO 43017
P.I.D. 273-000325-00
2026

GENERAL NOTES

05/11/2026

CITY OF DUBLIN PROJECT NUMBER
26-010-COM

DRAWING NUMBER
C002

SHEET NUMBER 2 OF 5

City of Dublin
OHIO, USA
Approved for Construction
10/30/2026

SANITARY SEWER NOTES
(CONTINUED)

70. THE CONTRACTOR SHALL FURNISH ALL MATERIAL, EQUIPMENT, AND LABOR TO MAKE CONNECTIONS TO EXISTING MANHOLES. THE SEWER PIPE TO MANHOLE CONNECTIONS FOR ALL SANITARY SEWERS SHALL BE FLEXIBLE AND WATERTIGHT. ALL HOLES SHALL BE NEATLY CORED. THE SEWER PIPE BARREL AT THE SPRINGLINE SHALL NOT EXTEND MORE THAN 1 INCH BEYOND THE INSIDE FACE OF THE MANHOLE. TO MAINTAIN FLEXIBILITY IN THE CONNECTION, A 1 INCH SPACE SHALL BE LEFT BETWEEN THE END OF THE PIPE INSIDE THE MANHOLE AND THE CONCRETE CHANNEL. THIS SPACE SHALL BE FILLED WITH A WATERPROOF FLEXIBLE JOINT FILLER. ANY METAL THAT IS USED SHALL BE TYPE 300 SERIES STAINLESS STEEL. THE CONNECTION MAY BE ANY OF THE FOLLOWING TYPES:

    a. RUBBER SLEEVE WITH STAINLESS STEEL BANDING
        i. KOR-N-SEAL: NATIONAL POLLUTION CONTROL SYSTEMS, INC.
        ii. LOCK JOINT FLEXIBLE MANHOLE SLEEVE: INTERPACE CORPORATION
        iii. OR EQUAL AS APPROVED BY THE CITY ENGINEER
    b. RUBBER GASKET COMPRESSION
        i. PRESS WEDGE II: PRESS-SEAL GASKET CORPORATION
        ii. DURA SEAL III: DURA TECH, INC.
        iii. LINK-SEAL: THUNDERLINE CORPORATION
        iv. OR EQUAL AS APPROVED BY THE CITY ENGINEER

    THE COST FOR THIS WORK ALONG WITH A NEW CHANNELIZED BASE IN THE MANHOLE SHALL BE AT THE CONTRACTOR'S EXPENSE.

STORM SEWER NOTES

71. BLIND TAPS OF STORM SEWERS OR ROOF DRAINS TO STORM SEWER SYSTEMS ARE NOT PERMITTED UNLESS AUTHORIZED BY THE CITY ENGINEER. ROOF DRAIN SYSTEMS MUST CONNECT TO THE STORM SEWER SYSTEM AT A STORM SEWER CATCH BASIN OR MANHOLE UNLESS AUTHORIZED BY THE CITY ENGINEER.

72. THE MINIMUM PIPE SIZE FOR PRIVATE OR PUBLIC STORM SEWER SYSTEMS IS 12 INCHES.

73. WHERE PRIVATE STORM SEWERS CONNECT TO PUBLIC STORM SEWERS, THE LAST RUN OF PRIVATE STORM SEWER CONNECTING TO THE PUBLIC STORM SEWER SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76, WALL B, CLASS IV (12 INCH TO 15 INCH), CLASS III (18 INCH TO 24 INCH), CLASS II (27 INCH AND LARGER), UNLESS OTHERWISE AUTHORIZED BY THE CITY ENGINEER. INSPECTION OF THE CONNECTION TO THE PUBLIC STORM SEWER SYSTEM IS REQUIRED BY THE CITY OF DUBLIN DIVISION OF ENGINEERING.

74. MINIMUM REQUIREMENTS FOR PRIVATE STORM SEWER PIPE:

    a. REINFORCED CONCRETE PIPE
        i. 12 INCH - 15 INCH: ASTM C76, WALL B, CLASS IV
        ii. 18 INCH - 24 INCH: ASTM C76, WALL B, CLASS III
        iii. 27 INCH AND LARGER: ASTM C76, WALL B, CLASS II
    b. HP STORM
        i. PIPE JOINTS SHALL BE WATERTIGHT PER ASTM D3212
        ii. PIPES SHALL BE JOINED WITH A GASKETED INTEGRAL BELL AND SPIGOT JOINT PER ASTM F2881
    c. HP SANITITE
        i. PIPE JOINTS SHALL BE WATERTIGHT PER ASTM D3212
        ii. PIPES SHALL BE JOINED WITH A GASKETED INTEGRAL BELL AND SPIGOT JOINT PER ASTM F2764
    d. PIPE MATERIAL AS APPROVED BY THE CITY ENGINEER.

    GASKETS SHALL BE INSTALLED BY THE PIPE MANUFACTURER AND COVERED WITH REMOVABLE, PROTECTIVE WRAP TO ENSURE THE GASKET IS FREE FROM DEBRIS. A JOINT LUBRICANT AVAILABLE FROM THE MANUFACTURER SHALL BE USED ON THE GASKET AND BELL DURING JOINT ASSEMBLY.

75. ALL FLEXIBLE STORM PIPE SHALL BE MANDREL TESTED IN ACCORDANCE WITH CITY OF COLUMBUS ITEM 901.21.

76. GRANULAR BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL PER ITEM 912 OR LOW STRENGTH MORTAR BACKFILL PER ITEM 613, TYPE II.

77. ALL BEDDING MATERIAL SHALL BE IN ACCORDANCE WITH CITY OF COLUMBUS STANDARD CONSTRUCTION DRAWING AA-S149.

78. ALL STORM WATER DETENTION AND RETENTION AREAS AND FLOOD ROUTING SWALES SHALL BE CONSTRUCTED TO FINISH GRADE AND HYDRO-SEEDED AND HYDRO-MULCHED ACCORDING TO ITEMS 203 AND 659 OF THE STANDARD SPECIFICATIONS.

79. STORM INLETS AND CATCH BASINS SHALL BE CHANNELIZED AND HAVE BICYCLE SAFE GRATES. MANHOLE LIDS SHALL INCLUDE CITY OF DUBLIN LOGO. ALL CURB INLETS AND CATCH BASIN GRATES SHALL INCLUDE ENGRAVED LETTERING PER CITY OF DUBLIN STANDARD DRAWING ST-04: "DUMP NO WASTE! DRAINS TO WATERWAYS".

80. STORM SEWER OUTLETS 18 INCHES AND GREATER IN DIAMETER ACCESSIBLE FROM STORM WATER MANAGEMENT FACILITIES OR WATERCOURSES SHALL INCLUDE SAFETY GRATES PER CITY OF DUBLIN STANDARD DRAWING ST-02.

81. HEADWALLS SHALL BE REQUIRED AT ALL STORM SEWER INLETS OR OUTLETS TO AND FROM STORM WATER MANAGEMENT FACILITIES. STONE VENEER AND WALL CAPS TREATMENTS SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES PER CITY OF DUBLIN STANDARD DRAWING ST-01.

WATER LINE NOTES

82. ANY NEW SERVICE CONNECTIONS OR MODIFICATIONS TO AN EXISTING WATER SERVICE SHALL REQUIRE AN APPROVED WATER SERVICE PLAN PER CITY OF COLUMBUS REQUIREMENTS. THIS PLAN SHALL BE SUBMITTED AND REVIEWED CONCURRENTLY BY BOTH CITY OF DUBLIN AND CITY OF COLUMBUS.

83. ONCE PLANS ARE APPROVED, WATER CAPACITY FEES SHALL BE PAID SEPARATELY TO CITY OF DUBLIN BUILDING STANDARDS FOLLOWED BY CITY OF COLUMBUS DIVISION OF WATER.

84. ALL WATER LINE MATERIALS SHALL BE PROVIDED AND INSTALLED ACCORDING TO CURRENT SPECIFICATIONS OF THE CITY OF COLUMBUS DIVISION OF WATER. PUBLIC WATER PIPE SHALL CONFORM TO 801.03. PRIVATE WATER PIPE SHALL MEET THE APPROVAL OF CITY OF COLUMBUS DIVISION OF WATER PRIOR TO APPROVAL OF THESE PLANS.

85. THE CONTRACTOR SHALL NOTIFY THE CITY OF DUBLIN DIVISION OF ENGINEERING AND CITY OF COLUMBUS DIVISION OF WATER AT LEAST 72 HOURS PRIOR TO TAPPING INTO EXISTING WATER LINES.

86. THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO ALL AFFECTED PROPERTY OWNERS AT LEAST 1 WORKING DAY BUT NOT MORE THAN 3 WORKING DAYS PRIOR TO ANY TEMPORARY INTERRUPTION OF WATER SERVICE. INTERRUPTION OF WATER SERVICE SHALL BE MINIMIZED AND MUST BE APPROVED BY THE CITY ENGINEER.

87. NO WATER TAPS OR SERVICE CONNECTIONS (E.G., TO CURB STOPS OR METER PITS) MAY BE ISSUED UNTIL ADJACENT PUBLIC WATER LINES SERVING THE SITE HAVE BEEN DISINFECTED BY THE CITY OF COLUMBUS DIVISION OF WATER AND HAVE BEEN ACCEPTED BY THE CITY ENGINEER. A TAP PERMIT FOR EACH WATER SERVICE MUST BE OBTAINED FROM THE CITY OF DUBLIN AND THE CITY OF COLUMBUS DIVISION OF WATER PRIOR TO MAKING ANY TAPS INTO PUBLIC WATER LINES.

88. PUBLIC WATER LINES SHALL BE DISINFECTED BY THE CITY OF COLUMBUS DIVISION OF WATER. REQUESTS FOR WATER LINE CHLORINATION SHALL BE MADE THROUGH THE CITY OF DUBLIN DIVISION OF ENGINEERING. THE COST FOR CHLORINATION SHALL BE PAID BY THE CONTRACTOR.

89. ALL WATER LINES SHALL BE PLACED AT A MINIMUM DEPTH OF 4 FEET MEASURE FROM TOP OF FINISHED GRADE TO TOP OF WATER LINE. WATER LINES SHALL BE SET DEEPER AT ALL POINTS WHERE NECESSARY TO CLEAR EXISTING OR PROPOSED UTILITY LINES OR OTHER UNDERGROUND RESTRICTIONS BY A MINIMUM OF 18 INCHES.

90. WATER METER LOCATIONS SHALL BE APPROVED BY THE CITY OF COLUMBUS DIVISION OF WATER.

91. CURB STOP BOXES SHALL BE LOCATED AT LEAST 1 FOOT INSIDE THE RIGHT-OF-WAY AND SET AT FINISHED GRADE.

92. IF THE TOP OF THE OPERATING NUT OF ANY VALVE IS GREATER THAN 36 INCHES BELOW FINISHED GRADE, AN EXTENSION STEM SHALL BE FURNISHED TO BRING THE TOP OF THE OPERATING NUT TO WITHIN 24 INCHES OF FINISHED GRADE ELEVATION.

93. TWO ¾ INCH TAPS SHALL BE INSTALLED WITHIN 2 FEET OF THE END OF THE LINE ON DEAD-END WATER LINES.

94. FIRE HYDRANTS SHALL FOLLOW CITY OF DUBLIN STANDARD DRAWING WA-01 AND BE INSTALLED PER CITY OF COLUMBUS STANDARDS.

USE OF FIRE HYDRANTS NOTES

95. THE CONTRACTOR SHALL MAKE PROPER ARRANGEMENTS WITH THE CITY OF DUBLIN SERVICE DEPARTMENT AND THE COLUMBUS DIVISION OF WATER FOR THE USE OF FIRE HYDRANTS WHEN USED FOR WORK PERFORMED AS PART OF THE APPROVED PLANS. THE CONTRACTOR SHALL PROVIDE THE CITY OF DUBIN A COPY OF THE HYDRANT USAGE PERMIT OBTAINED FROM THE CITY OF COLUMBUS. THE CONTRACTOR SHALL ALSO SEND COPIES OF PERMITS OBTAINED FROM DUBLIN AND COLUMBUS TO THE WASHINGTON AND/OR PERRY TOWNSHIP FIRE DEPARTMENT. PERMITS SHALL BE KEPT AT THE CONSTRUCTION SITE AT ALL TIMES.

96. BEFORE THE FINAL ESTIMATE IS PAID, THE CONTRACTOR SHALL SUBMIT A LETTER FROM THE CITY OF COLUMBUS DIVISION OF WATER TO THE DUBLIN CITY ENGINEER STATING THAT THE CONTRACTOR HAS RETURNED THE SIAMESE VALVE TO THE CITY OF COLUMBUS AND HAS PAID ALL COSTS ARISING FROM THE USE OF THE FIRE HYDRANTS.

BLASTING NOTES
(IF PERMITTED)

97. THE CONTRACTOR MUST OBTAIN A BLASTING PERMIT FROM WASHINGTON TOWNSHIP FIRE DEPARTMENT PRIOR TO BLASTING FOR ROCK EXCAVATION. THE CONTRACTOR SHALL SUBMIT BLASTING REPORTS UPON COMPLETION OF BLASTING TO THE CITY ENGINEER, THE OWNER, AND THE OWNER'S ENGINEER. THE TOP OF ROCK ELEVATIONS SHALL BE SHOWN ON "AS-BUILT" CONSTRUCTION DRAWINGS.

MAIL DELIVERY NOTES

98. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT US MAIL DELIVERY WITHIN THE PROJECT LIMITS IS NOT DISRUPTED BY CONSTRUCTION OPERATIONS. THE RESPONSIBILITY IS LIMITED TO RELOCATION OF MAILBOXES TO A TEMPORARY LOCATION THAT WILL ALLOW FOR COMPLETION OF THE WORK AND SHALL ALSO INCLUDE THE RESTORATION OF MAILBOXES TO THEIR ORIGINAL LOCATION OR APPROVED NEW LOCATION.

99. RELOCATION OF MAILBOX SERVICES MUST FIRST BE COORDINATED WITH THE US POSTAL SERVICE AND THE HOMEOWNER. LOCATION OF MAILBOXES SHALL FOLLOW THE REQUIREMENTS OF THE US POSTAL SERVICE.

ESTIMATE OF QUANTITIES			
ITEM	QUANTITY	UNIT	DESCRIPTION
201	LUMP	SUM	CLEARING AND GRUBBING
202	7	L.F.	6" EXISTING WATER SERVICE PIPE REMOVAL AND DISPOSAL
801	28	L.F.	6" WATER SERVICE PIPE AND FITTINGS.
SPEC	1	EA.	BACKFLOW PREVENTOR AND HEATED ENCLOSURE

NOTE:
THESE QUANTITIES ARE APPROXIMATE ONLY AND ARE NOT TO BE USED FOR PREPARATION OF COST ESTIMATES, BIDS, OR ANY OTHER ESTIMATING PURPOSE WITHOUT VERIFICATION BY THE USER. ANY DISCREPANCIES IN THE QUANTITIES SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ENGINEER FOR EVALUATION.

REVISION RECORD

NO.	DATE	REVISION DESCRIPTION	ENG	DUB

V3 COMPANIES
550 Polaris Parkway
Suite 250
Westerville, OH 43082
614.761.1861 phone
www.v3co.com

PRIVATE SITE IMPROVEMENT PLAN
COFFMAN HIGH SCHOOL
6780 COFFMAN ROAD
DUBLIN, FRANKLIN COUNTY, OHIO 43017
P.I.D. 273-000325-00
2026

GENERAL NOTES CONTINUED AND ESTIMATE OF QUANITIES

05/11/2026

CITY OF DUBLIN PROJECT NUMBER
26-010-COM

DRAWING NUMBER
C003

SHEET NUMBER
3 OF 5

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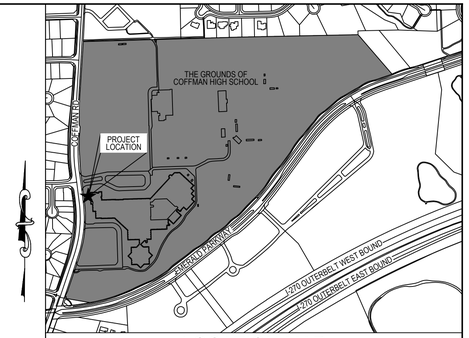
PROPERTY OWNER
BOARD OF EDUCATION OF THE
DUBLIN CITY SCHOOL DISTRICT
5175 EMERALD PARKWAY
4TH FL DUBLIN OHIO 43017
EMAIL: BOE@DUBLINSCHOOLS.NET

APPLICANT
ADVANCED ENGINEERING CONSULTANTS
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COLUMBUS, OHIO 43215
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CONTACT: GAVIN LIM
EMAIL: GAVIN.LIM@AECMEP.COM

ENGINEER
V3 COMPANIES
550 POLARIS PKWY, STE 250
WESTERVILLE, OHIO 43082
PHONE: 614-761-1661
FAX: 614-761-1328
CONTACT: STEVE FOX, P.E.
EMAIL: SFOX@V3CO.COM

INDEX OF SHEETS

1 WATER SERVICE COVER AND PLAN
2 WATER SERVICE GENERAL NOTES



LOCATION MAP
1"=600'
*SITE IS OUTSIDE OF THE CITY OF COLUMBUS CORPORATE LIMITS
*SITE IS INSIDE OF THE CITY OF DUBLIN

LEGEND

867	EXISTING CONTOUR		EXISTING SANITARY MANHOLE
868	PROPOSED CONTOUR		PROPOSED SANITARY MANHOLE
×867.50	EXISTING SPOT ELEVATION		EXISTING FIRE HYDRANT
×68.5	PROPOSED SPOT ELEVATION		PROPOSED FIRE HYDRANT
	EXISTING STORM MANHOLE		EXISTING VALVE
	PROPOSED STORM MANHOLE		PROPOSED VALVE
	EXISTING CATCH BASIN		6" WATER SERVICE LINE REMOVAL LIMITS
	PROPOSED CATCH BASIN		

CODED NOTES

(A) EXISTING 6" WATER SERVICE LINE CONNECTION TO EXISTING 6" MAIN (PER DU0008).

(B) EXISTING VAULT ACCESS MANHOLE, 6' x 8' METER VAULT AND METER TO REMAIN.

(C) EXISTING POST VALVE WITH STAND PIPE TO REMAIN.

(D) EXISTING 6" WATER SERVICE LINE TO REMAIN.

(E) PROPOSED BACKFLOW PREVENTER FOR EXISTING 6" WATER SERVICE LINE TO BE INSTALLED IN HEATED ENCLOSURE PER PROFILE ON THIS SHEET.

(F) CONCRETE PAD SHOULD EXTEND TO 24" FROM THE HEATED ENCLOSURE ON ACCESS DOOR SIDE OF ENCLOSURE. CONTRACTOR IS TO CONFIRM LOCATION OF HEATED ENCLOSURE ACCESS DOOR AND CONSTRUCT CONCRETE PAD ACCORDINGLY.

(G) EXTENTS OF PROPOSED 6" WATER SERVICE LINE FROM EXISTING METER TO PROPOSED BACKFLOW PREVENTER AND FROM BACKFLOW PREVENTER TO POST VALVE WITH STAND PIPE.

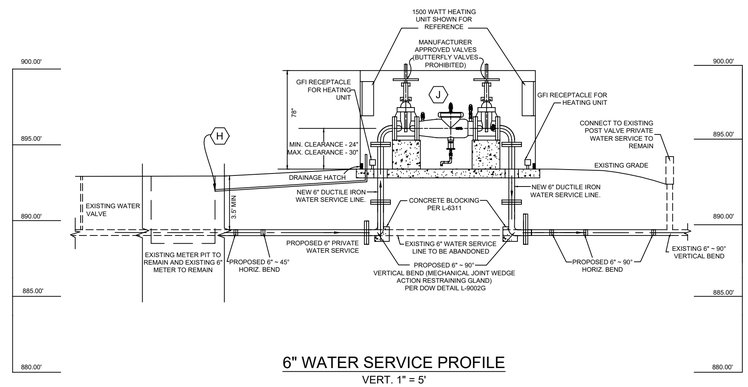
(H) THE EXISTING METER VAULT SHALL BE CORE DRILLED FOR A 1" I.D. METER READING CONDUIT. THE CONDUIT MUST HAVE A MINIMUM OF 24" AND SHALL EXTEND INTO THE HEATED ENCLOSURE (IN A CORNER) TO A HEIGHT AT LEAST 24" ABOVE THE CONCRETE SLAB. PROVIDE WITH A PULL STRING.

(I) EXTENTS OF 7.30' OF EXISTING 6" WATER SERVICE LINE TO BE REMOVED AND DISPOSED OF.

(J) PROPOSED 6" ASSE 1013 BACKFLOW PREVENTER.

(K) PROPOSED 6" SERVICE TO BEND UP INTO ENCLOSURE. SEE DETAIL THIS SHEET FOR CONNECTION TO PROPOSED BACKFLOW PREVENTER.

6" WATER SERVICE DETAIL
N.T.S.



6" WATER SERVICE PROFILE
VERT. 1" = 5'

EASEMENT REFERENCE	REVISIONS

STATE OF OHIO
STEVEN E. FOX, JR.
E-70756
REGISTERED
PROFESSIONAL ENGINEER

REGISTERED ENGINEER — E-70756 NUMBER — 10-12-2026 DATE

V3 Companies, Ltd.
Engineers and Surveyors
550 Polaris Parkway, Ste. 250
Westerville, Ohio 43082
Ph: (614) 761-1661
Fax: (614) 761-1328
WWW.V3CO.COM

CITY OF COLUMBUS DIVISION OF WATER APPROVAL

SIGNATURE BELOW SIGNIFIES ONLY CONCURRENCE WITH THE GENERAL PURPOSE AND GENERAL LOCATION OF THE PROJECT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLANS.

SIGNATURE: DS — DocuSigned by: E70C3C6EFB7F426 — DATE: 10/21/26

PROJECT TITLE:

PRIVATE SITE IMPROVEMENT PLAN
COFFMAN HIGH SCHOOL

6780 COFFMAN ROAD
DUBLIN, FRANKLIN COUNTY, OHIO 43017
P.I.D. 273-000325-00
2026

WSP# P1130

WATER SERVICE PLAN

SHEET 1 / 2

4 OF 5 (C004)

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CITY OF COLUMBUS WATER SERVICE PLAN NOTES

1. N/A.
2. NO WATER SERVICE CONSTRUCTION, BEFORE OR AFTER THE WATER METER(S), SHALL BEGIN PRIOR TO FEE PAYMENT TO THE UTILITY PERMITS OFFICE AT 111 N. FRONT STREET (614-645-7330).
3. THE CITY OF COLUMBUS, CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMSC), 2018 EDITION AND ALL REVISIONS, INCLUDING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS SHALL GOVERN THIS IMPROVEMENT, UNLESS OTHERWISE NOTED.
4. ALL WATER LINE MATERIALS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT APPROVED MATERIALS LIST AND RULES AND REGULATIONS OF THE CITY OF COLUMBUS, DIVISION OF WATER, UNLESS OTHERWISE SHOWN ON THE PLANS OR APPROVED BY THE CITY OF COLUMBUS, DIVISION OF WATER. ONLY PRODUCTS LISTED ON THE CURRENT APPROVED MATERIALS LIST WILL BE PERMITTED TO BE INSTALLED.
5. IT SHALL BE UNLAWFUL FOR ANY PERSON TO PERFORM ANY WORK ON THE PUBLIC WATER DISTRIBUTION SYSTEM WITHOUT FIRST SECURING A LICENSE TO ENGAGE IN SUCH WORK, AS INDICATED IN COLUMBUS CITY CODE SECTIONS 1103.02 AND 1103.06. THIS WORK INCLUDES ANY ATTACHMENTS, ADDITIONS TO OR ALTERATIONS IN ANY CITY SERVICE PIPE OR APPURTENANCES (INCLUDING WATER SERVICE LINES AND WATER SERVICE TAPS). THIS REQUIREMENT MAY BE MET BY UTILIZATION OF A SUBCONTRACTOR WHO POSSESSES A CITY OF COLUMBUS WATER CONTRACTOR LICENSE OR A COMBINED WATER/SEWER CONTRACTOR LICENSE TO PERFORM THIS WORK UTILIZATION OF A SUBCONTRACTOR MUST MEET THE LICENSING REQUIREMENTS OF CITY OF COLUMBUS BUILDING CODE SECTIONS 4114.119 AND 4114.529.
6. FOR ANY EMERGENCIES THAT OCCUR AFTER NORMAL WORKING HOURS INVOLVING THE WATER DISTRIBUTION SYSTEM, PLEASE CONTACT THE DIVISION OF WATER DISTRIBUTION MAINTENANCE OFFICE AT 614-645-7788.
7. SITE UTILITY CONTRACTOR SHALL OBTAIN A RIGHT OF WAY PERMIT PRIOR TO THE START OF ANY WATER SERVICE LINE AND/OR WATER SERVICE TAP INSTALLATION OR ANY PLACEMENT OF WATER SERVICE MATERIALS INTO THE PUBLIC RIGHT OF WAY.
8. EXISTING RIGHT OF WAY LINE(S), PROPOSED RIGHT OF WAY LINE(S) AND/OR WATER MAIN EASEMENT LINE(S) SHALL BE STAKED AT 10 FOOT INCREMENTS BY A STATE OF OHIO LICENSED SURVEYOR WHEN THE WATER SERVICE TAP(S) AND/OR WATER SERVICE(S) ARE INSTALLED AND INSPECTED BY THE CITY OF COLUMBUS, DIVISION OF WATER.
9. N/A.
10. THERE SHALL BE A 10 FOOT MINIMUM HORIZONTAL AND 18 INCH VERTICAL SEPARATION BETWEEN WATER SERVICE TAP(S), WATER SERVICE LINE(S), PRIVATE WATER SYSTEMS AND ANY SANITARY AND/OR STORM SEWER SYSTEMS, UNLESS OTHERWISE APPROVED BY THE CITY OF COLUMBUS, DIVISION OF WATER.
11. ALL INSPECTIONS REQUIRE A 24 HOUR ADVANCE NOTICE.
12. N/A.
13. N/A.
14. SITE UTILITY CONTRACTOR SHALL FLUSH ALL WATER SERVICES PRIOR TO ANY WATER METER INSTALLATION. THE CITY OF COLUMBUS IS NOT RESPONSIBLE FOR ANY CITY WATER METER DAMAGE CAUSED BY NON-FLUSHING.
15. IF A TAP IS BEING REUSED AND DISCOVERED TO BE LEAD OR GALVANIZED, THE TAP SHALL BE ABANDONED AT THE WATER MAIN PER CMSC ITEM 808 AND A NEW TAP SHALL BE INSTALLED.
16. N/A.
17. N/A.
18. N/A.
19. N/A.
20. N/A.
21. N/A.
22. N/A.
23. ALL 4'' THRU 12'' WATER SERVICE PIPE SHALL BE ONLY DUCTILE IRON FROM THE CITY WATER MAIN THRU THE CITY WATER METER SETTING(S) INCLUDING THE METER BYPASS.
24. ALL EXPOSED WATER MAIN AND ALL WATER SERVICE PIPE 4" AND LARGER SHALL BE POLYWRAPPED PER CMSC ITEM 801.03. THIS SHALL INCLUDE THE ENTIRE SERVICE FROM THE WATER MAIN UP TO 1 FOOT BEHIND THE WALL OR FLOOR PENETRATION.
25. N/A.
26. N/A.
27. N/A.
28. N/A.
29. BACKFLOW PREVENTION ASSEMBLY(S) SHALL BE INSTALLED, WHERE REQUIRED, PER COLUMBUS DIVISION OF WATER STANDARD DETAIL DRAWINGS L-9002 A THRU G. CONTRACTOR(S) SHALL CALL 614-645-6674 WITH BACKFLOW PREVENTION QUESTIONS. CONTRACTOR(S) SHALL CALL 614-645-8119TO SCHEDULE BACKFLOW PREVENTION INSPECTION REQUESTS.
30. DOMESTIC WATER SERVICE BACKFLOW PREVENTER(S) SHALL MEET THE ASSE #1013 APPROVAL/STANDARD.
31. COMBINATION WATER SERVICE BACKFLOW PREVENTER(S) SHALL MEET THE ASSE #1013 APPROVAL/STANDARD.
32. N/A.
33. N/A.
34. A 1" I.D. CONDUIT WITH 1 DRAWSTRING PER WATER METER SHALL BE PROVIDED BY THE BUILDING CONTRACTOR FROM THE WATER METER TO AND THRU 6" BEYOND THE FINISHED EXTERIOR WALL OF THE BUILDING AND 1' TO 5' ABOVE THE FINISHED GRADE.
35. A 1" I.D. CONDUIT WITH 1 DRAWSTRING PER WATER METER SHALL BE PROVIDED BY THE SITE UTILITY CONTRACTOR FROM THE WATER METER VAULT TO THE HEATED ENCLOSURE. CONDUIT SHALL EXTEND 6" INTO THE METER VAULT AND BE CLEAR OF ALL ACCESS PORTALS. CONDUIT SHALL BE CORE DRILLED AND EXTEND 24" UP ABOVE THE CONCRETE SLAB FOR THE HEATED ENCLOSURE ALONG THE HEATER WALL. CONDUIT SHALL HAVE A MINIMUM BURY OF 24" FROM THE VAULT TO THE HEATED ENCLOSURE. CONDUIT SHALL BE FOR THE REMOTE WIRES ONLY. ANY OTHER WIRING SHALL HAVE A SEPARATE CONDUIT.
36. IF DOMESTIC AND/OR FIRE WATER SERVICE METER(S) AND/OR THEIR BACKFLOW PREVENTER(S) ARE TO BE LOCATED INSIDE AN ABOVE GROUND HEATED ENCLOSURE, THE ENCLOSURE SHALL BE ASSE #1060 CLASS 1 APPROVED. THE ENCLOSURE SHALL HAVE A THERMOSTATICALLY OPERATED HEATER. THE SIZE AND NUMBER OF HEATER(S) SHALL BE PER THE ENCLOSURE MANUFACTURER'S SPECS TO MAINTAIN A 40 DEGREE FAHRENHEIT INSIDE TEMPERATURE AT AN OUTSIDE TEMPERATURE OF MINUS 30 DEGREE FAHRENHEIT. HEAT TAPE/RODS WILL NOT BE PERMITTED.
37. BACKFLOW PREVENTION DEVICES MUST BE TESTED AT THE TIME OF INSTALLATION BY A TESTER APPROVED BY THE DIVISION OF WATER BACKFLOW COMPLIANCE OFFICE. A COMPLETE LIST OF APPROVED TESTERS CAN BE FOUND AT WWW.COLUMBUS.GOV/BACKFLOW/CONSUMERS. RESULTS MUST BE SUBMITTED THROUGH THE ONLINE WEB SUBMITTAL SYSTEM AT HTTPS://CORE.COLUMBUS.GOV/TOKAYFLOW/

UNDERGROUND PRIVATE WATER SYSTEM(S) AFTER THE CITY WATER METER(S)

38. SITE UTILITY CONTRACTOR SHALL CALL THE LOCAL BUILDING AUTHORITY FOR INSPECTION OF UNDERGROUND PRIVATE DOMESTIC AND/OR FIRE WATER SYSTEM(S) AFTER THE CITY WATER METER(S). THIS WILL INCLUDE DOMESTIC WATER LOOPS AND FIRE WATER LOOPS INCLUDING PRIVATE FIRE HYDRANTS THRU THE SITE BEFORE COVERING.
39. N/A.
40. SITE UTILITY CONTRACTOR SHALL CALL WASHINGTON TOWNSHIP FIRE DEPARTMENT AT 614-652-3892 FOR FLUSHING AND/OR PRESSURE TEST INSPECTION OF PRIVATE COMBINED (I.E. DOMESTIC AND FIRE) SYSTEM AFTER THE CITY WATER SERVICE METER AND BACKFLOW PREVENTER.
41. ALL PIPE MATERIAL FOR THE UNDERGROUND PRIVATE WATER SYSTEM AFTER THE CITY WATER METER SHALL MEET THE REQUIREMENTS OF THE LOCAL BUILDING AUTHORITY HAVING JURISDICTION.

EASEMENT REFERENCE	REVISIONS

V3 Companies, Ltd.
Engineers and Surveyors
550 Polaris Parkway, Ste. 250
Westerville, Ohio 43082
Ph: (614) 761-1661
Fax: (614) 761-1328
WWW.V3CO.COM

PROJECT TITLE:

PRIVATE SITE IMPROVEMENT PLAN
COFFMAN HIGH SCHOOL

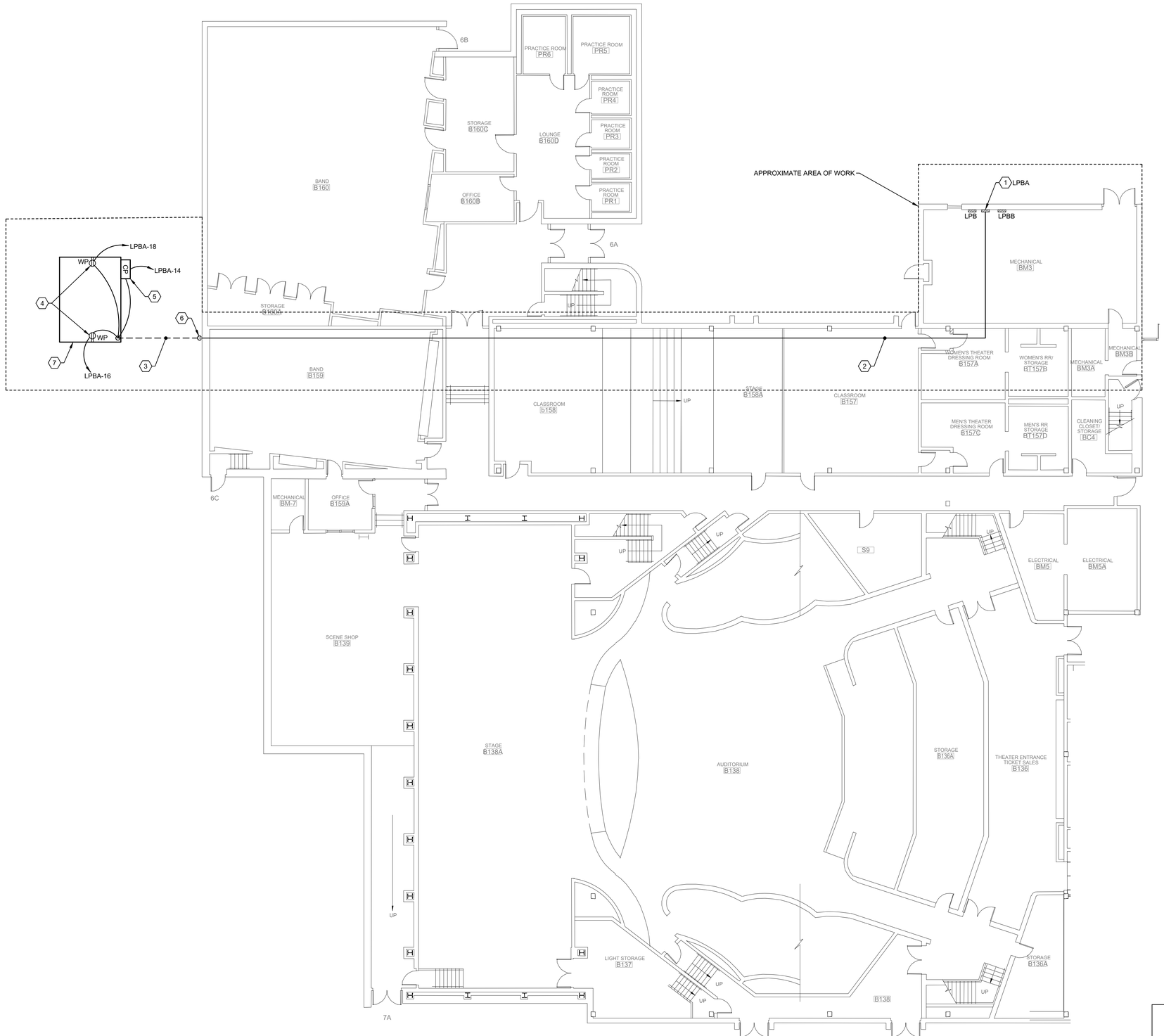
6780 COFFMAN ROAD
DUBLIN, FRANKLIN COUNTY, OHIO 43017
P.I.D. 273-000325-00
2026

WSP# P1130

WATER SERVICE NOTES AND DETAILS

SHEET 2 / 2

5 OF 5 (C005)



1 **PARTIAL FIRST FLOOR PLAN - ELECTRICAL - POWER**
3/32"=1'-0"

0 4' 8' 16'

CODED NOTES:

1. CIRCUITS TO BACKFLOW PREVENTER HEATED ENCLOSURE TO ORIGINATE FROM THIS EXISTING PANELBOARD. REFER TO PANEL SCHEDULE ON DRAWING E-501.
2. PROPOSED 1.25" EMT CONDUIT ABOVE ACCESSIBLE CEILING FOR BRANCH CIRCUITS. CONTRACTOR TO PROVIDE 4 MANHOURS TO FIELD VERIFY EXACT ROUTING.
3. PROVIDE MINIMUM 1.25" CONDUIT (SCHEDULE 40 PVC, DIRECT BURIED) FOR BRANCH CIRCUIT TO HEATED ENCLOSURE. REFER TO DETAIL ON DRAWING E-501.
4. PROVIDE WEATHER-RESISTANT/GFCI RECEPTACLE IN "FS" BOX AND CAST IN-USE COVER FOR ELECTRIC HEATER (1500W, 120V, 1PH), INSTALL WITHIN HEATED ENCLOSURE.
5. PROVIDE POWER CONNECTION (CIRCUIT AS SHOWN) TO ALARM PANEL OF HEATED ENCLOSURE.
6. PROVIDE WEATHERPROOF CONDUIT LB FITTING (SCHEDULE 40 PVC) FOR WEATHERTIGHT TRANSITION FROM INTERIOR EMT TO EXTERIOR PVC CONDUIT ROUTING.
7. BACKFLOW PREVENTER HEATED ENCLOSURE (BY GENERAL/PLUMBING CONTRACTOR).

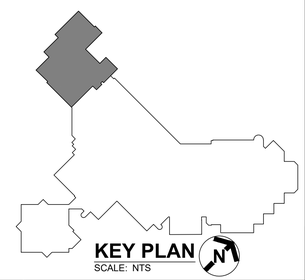
POWER SYMBOLS

NOTE: NOT ALL SYMBOLS MAY BE USED.

X Y Z	20A DUPLEX RECEPTACLE WITH COVER PLATE: X=TYPE, Y*=NON-STANDARD MOUNTING HEIGHT, Z=SPECIAL DESIGNATION, (18" MH TYPICAL)
	DOUBLE-DUPLEX RECEPTACLE WITH SINGLE COVER PLATE
	SIMPLEX RECEPTACLE WITH COVER PLATE
WP	WEATHER RESISTANT DUPLEX RECEPTACLE, GROUND FAULT CIRCUIT INTERRUPTING WITH IN-USE COVER
X Y Z	STANDARD DISCONNECT SWITCH: X=DISCONNECT SIZE, Y=NUMBER OF POLES
X Y Z	STANDARD FUSED DISCONNECT SWITCH: X=DISCONNECT SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES
X Y Z	MOTOR STARTER: X=STARTER SIZE, Y=NUMBER OF POLES
X Y Z	COMBINATION MOTOR STARTER/DISCONNECT SWITCH: X=STARTER SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES
M	MOTOR (BY OTHERS): PROVIDE POWER AS INDICATED
M	UTILITY METER
$	FRACTIONAL HORSEPOWER MANUAL MOTOR STARTER
J	JUNCTION BOX
	TRANSFORMER
HH	HANDHOLE/PULL BOX: SEE DETAILS FOR ADDITIONAL INFORMATION
CP	CONTROL PANEL
SPD	SURGE PROTECTIVE DEVICE
	PANELBOARD

LINE TYPE LEGEND

- EXISTING TO REMAIN
- NEW WORK (UNDERGROUND)
- NEW WORK



ADVANCED ENGINEERING CONSULTANTS
Mechanical | Electrical | Plumbing | Fire Protection | Utilities
1405 Dublin Road
Columbus, Ohio 43215
Tel: (614) 486-4778
Fax: (614) 486-4082

REV NUMBER	REV DESCRIPTION	REV DATE

STATE OF OHIO PROFESSIONAL REGISTERED ENGINEER GAVIN LIM 8/14/26

DCSD PLUMBING IMPROVEMENTS
COFFMAN HIGH SCHOOL
BACKFLOW PREVENTER

PARTIAL FIRST FLOOR PLAN ELECTRICAL - POWER

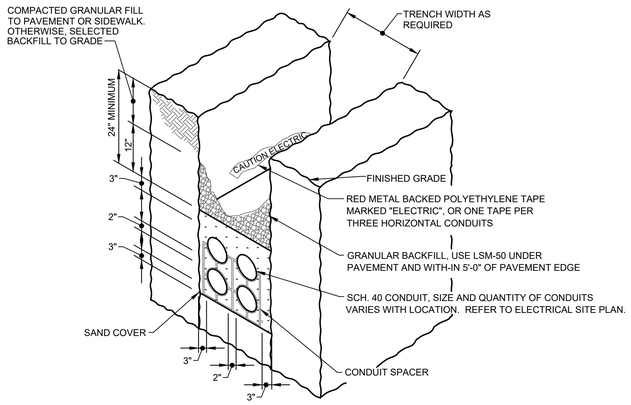
SUBMITTAL: BID SET

E-101

SCALE: NONE

DSN: G. LIM | DRN: G. LIM | CHK: N. ALBAUGH | DATE: NOVEMBER 13, 2026

Date:11/12/2026 1:09 PM File Location:Z:\2025 proj\25-002-007 DCS HVAC and Plumbing Upgrades\CAD\CAD Sheets\Coffman BFP\ Last Edit:Gavin.Lim



1 DETAIL - DIRECT BURIED CONDUIT

NTS

Panelboard	LPBA	Voltage	208Y/120	Phase	3	Options/Notes	EXISTING				
Panel Type	SIEMENS (QP)	OCPD	M.L.O.	Wire	4	Location	MECH RM B161				
NEMA Type	1	Mains	100A	AIC	10K	Mounting	Surface				

kW	Ckt. No.	Wire Size	Load Description	Brkr. Size	Brkr. Opt.	Phase	Brkr. Opt.	Brkr. Size	Load Description	Wire Size	Ckt. No.	kW
1.000	1		Boiler Pump	20/1		A		20/1	Chiller Control		2	0.500
0.500	3		Boiler	20/1		B		20/1	Heat Tape		4	1.500
0.180	5		Boiler Recept	20/1		C		20/1	Recept/Ltgs Roof		6	0.280
1.500	7		MUA	20/1		A		20/1	Spare		8	0.000
1.500	9		MUA	20/1		B		20/1	Spare		10	0.000
0.200	11		Control Circuits	20/1		C		20/1	Spare		12	0.000
1.200	13		Parking lot lights	20/3		A		20/1	**Heated Encl. alarm panel**	**10**	14	**0.250**
1.200	15					B		**20/1**	**Heated Encl. heater**	**6**	16	**1.500**
1.200	17					C		**20/1**	**Heated Encl. heater**	**6**	18	**1.500**

N.E.C. Connected KW: Ph.A 4.45
N.E.C. Connected KW: Ph.B 6.20
N.E.C. Connected KW: Ph.C 3.36
N.E.C. Connected Total: 14.01 KW
3-Phase Connected Amps Total: 38.92 A

2 PANEL SCHEDULE

NTS

GENERAL NOTES:

A. PROVIDE TYPEWRITTEN PANEL SCHEDULES FOR ALL PANELBOARDS SHOWN WITH AS-BUILD CIRCUITS CLEARLY LABELED.

CODED NOTES:

1. PROVIDE CONNECTION TO CIRCUIT SHOWN UTILIZING EXISTING SPARE CIRCUIT BREAKER.
2. REMOVE EXISTING BREAKER (TURN OVER TO OWNER AS SPARE) AND PROVIDE GFCI TYPE CIRCUIT BREAKER (SIEMENS TYPE QP) FOR HEATER LOADS SHOWN.

ADVANCED ENGINEERING CONSULTANTS
Mechanical | Electrical | Plumbing | Fire Protection | Utilities
1405 Dublin Road
Columbus, Ohio 43215
Tel: (614) 486-4778
Fax: (614) 486-4082

REV NUMBER	REV DESCRIPTION	REV DATE

STATE OF OHIO 8/14/26 GAVIN LIM E-78584 PROFESSIONAL ENGINEER

DCSD PLUMBING IMPROVEMENTS
COFFMAN HIGH SCHOOL
BACKFLOW PREVENTER

DETAILS AND SCHEDULES ELECTRICAL

SUBMITTAL: BID SET

E-501

SCALE: NONE

DSN: G. LIM | DRN: G. LIM | CHK: N. ALBAUGH | DATE: NOVEMBER 13, 2026

Date:11/12/2026 1:10 PM File Location:Z:\2025 proj\25-002-007 DCS HVAC and Plumbing Upgrades\CAD\CAD Sheets\Coffman BFP\ Last Edit:Gavin.Lim