

VICINITY LOCATION MAP  
 USGS QUAD: AMBRIDGE, PA 2023  
 SCALE: 1" = 2000'

# LAND DEVELOPMENT PLANS NEW QUAKER VALLEY HIGH SCHOOL

QUAKER VALLEY SCHOOL DISTRICT  
 100 LEETSDALE INDUSTRIAL DRIVE, SUITE B  
 LEETSDALE, PA 15056  
 (412) 749-3600

## ARCHITECTS

BSHM architects, inc. (BSHM)  
 15 Central Square, Suite 300  
 Youngstown, OH 44503  
 (330) 744-4401

Bohlin Cywinski Jackson (BCJ)  
 611 William Penn Place, Suite 1300  
 Pittsburgh, PA 15219  
 (412) 765-3890

## ENGINEERS

Phillips & Associates, Inc. (PAI)  
 1122 Mossdale Boulevard  
 Wall, PA 15148  
 (412) 825-4090

Civil & Environmental Consultants, Inc. (CEC)  
 700 Cherrington Parkway  
 Moon Township, PA 15108  
 (412) 429-2324

Streamline Engineering (SEI)  
 110 Allan Street  
 Lower Burrell, PA 15068  
 (724) 594-0326

Garvin Boward Beitko Engineering, Inc. (GBBE)  
 180 Bilmar Drive, Suite IV  
 Pittsburgh, PA 15205  
 (412) 922-4440

Barber & Hoffman, Inc. (BHI)  
 1659 Route 228, Suite 200  
 Cranberry Township, PA 16066-5319  
 (724) 741-0848

Karpinski Engineering Inc. (KEI)  
 3135 Euclid Avenue  
 Cleveland, OH 44115  
 (216) 391-3700

## LANDSCAPE ARCHITECT

LBA Landscape Architecture (LBA)  
 95 South Tenth Street  
 Pittsburgh, PA 15203  
 (412) 488-8822

Tower Engineering, Inc. (TEI)  
 115 Evergreen Heights Dr., Suite 400  
 Pittsburgh, PA 15229  
 (412) 931-8888

David E. Wooster & Associates, LLC (DEWA)  
 Two East Crafton Avenue  
 Pittsburgh, PA 15205  
 (412) 921-3303

### TOWNSHIP OF LEET ENGINEER APPROVAL

APPROVED BY:

TOWNSHIP ENGINEER: \_\_\_\_\_ DATE \_\_\_\_\_

### TOWNSHIP OF LEET PLANNING COMMISSION APPROVAL

REVIEWED BY THE TOWNSHIP OF LEET PLANNING COMMISSION  
 THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 202\_\_\_\_

(SEAL)

SECRETARY \_\_\_\_\_ PRESIDENT \_\_\_\_\_

### TOWNSHIP OF LEET COMMISSION APPROVAL

APPROVED BY THE COMMISSION OF THE TOWNSHIP OF LEET BY RESOLUTION,  
 THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 202\_\_\_\_

(SEAL)

SECRETARY \_\_\_\_\_ CHAIRMAN, TOWNSHIP OF LEET COMMISSION \_\_\_\_\_

NO.	REVISION DESCRIPTION
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COVER SHEET  
 NEW QUAKER VALLEY HIGH SCHOOL  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT

1122 MOSSDALE BOULEVARD  
 WALL, PENNSYLVANIA 15148  
 PHONE (412) 825-4090  
 FAX (412) 825-4092



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 CHECKED BY:

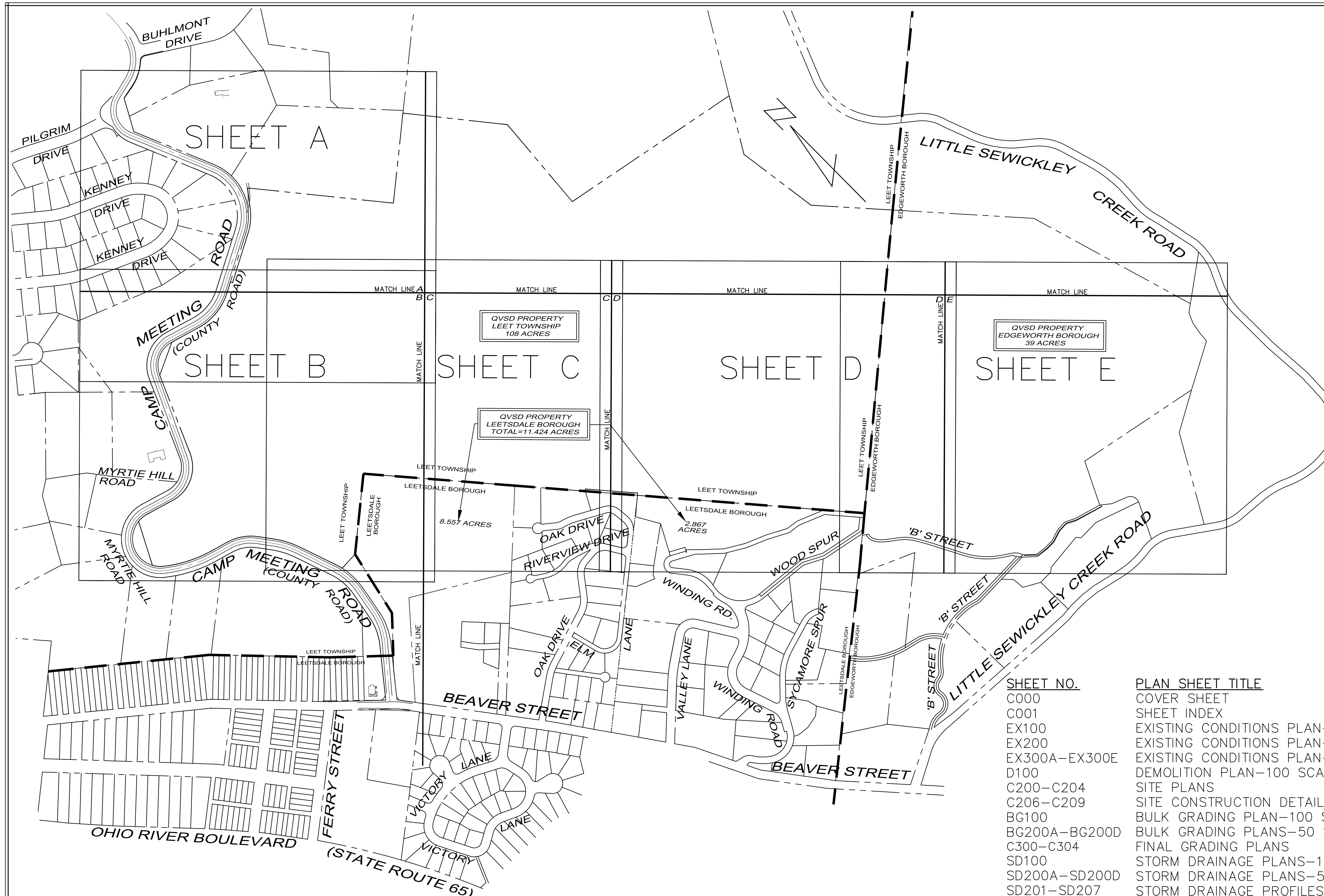
SCALE: N/A DATE: 11/21/23

JOB NUMBER: 22-023

SHEET NUMBER: 000

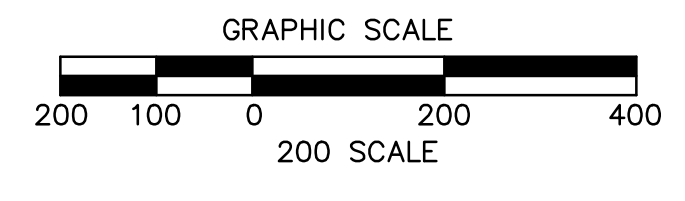
SUBMITTAL SET - 11.15.2023

CALL BEFORE YOU DIG!  
 PENNSYLVANIA LAW REQUIRES  
 3 WORKING DAYS NOTICE FOR  
 CONSTRUCTION PHASE AND 10 WORKING  
 DAYS NOTICE IN DESIGN STAGE.  
 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776



EXISTING	LEGEND DESCRIPTION	PROPOSED
○	SIGN	—
—	WATER	—
⊕	WATER VALVE	⊕
⊕	FIRE HYDRANT	⊕
—	SANITARY SEWER	—
—	STORM SEWER	—
○	MANHOLE	○
□	INLET	□
—	SANITARY CLEANOUT	—
—	GAS	—
—	GAS VALVE	—
—	UTILITY POLE	—
—	UTILITY POLE W/ LIGHT	—
—	UNDERGROUND, OVERHEAD	—
—	ELECTRIC, TELEPHONE, CABLE	—
—	UNDERGROUND FIBER OPTIC	—
—	GUY WIRE	—
—	SETBACK LINE	—
—	PROPERTY LINE	—
—	CENTERLINE	—
—	RAILING	—
P/A	PLANTING AREA	P/A
1072	CONTOUR LINE	1072
—	TOP CURB ELEV.	TC=
—	BOTTOM CURB ELEV.	BC=
—	TOP OF COLUMN	TOCL=
—	FINISH SIDEWALK ELEV.	FSW=
—	STREET LIGHT	—
—	TREE	—
—	HANDICAP RAMP w/DWS	—
—	CONCRETE	—
—	RIP-RAP	—

NO.	REVISION DESCRIPTION
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SHEET NO.	PLAN SHEET TITLE	PLAN PREPARED BY
C000	COVER SHEET	PAI
C001	SHEET INDEX	PAI
EX100	EXISTING CONDITIONS PLAN-200 SCALE	PAI
EX200	EXISTING CONDITIONS PLAN-100 SCALE	PAI
EX300A-EX300E	EXISTING CONDITIONS PLAN-50 SCALE	PAI
D100	DEMOLITION PLAN-100 SCALE	PAI
C200-C204	SITE PLANS	CEC
C206-C209	SITE CONSTRUCTION DETAILS	CEC
BG100	BULK GRADING PLAN-100 SCALE	PAI
BG200A-BG200D	BULK GRADING PLANS-50 SCALE	PAI
C300-C304	FINAL GRADING PLANS	CEC
SD100	STORM DRAINAGE PLANS-100 SCALE	PAI
SD200A-SD200D	STORM DRAINAGE PLANS-50 SCALE	PAI
SD201-SD207	STORM DRAINAGE PROFILES	PAI
SD208-SD209	STORM STRUCTURE & PIPE TABLES	PAI
SD300	STORM DRAINAGE DETAILS	PAI
SU100	SITE UTILITY PLAN-100 SCALE	PAI
SU200A-SU200D	SITE UTILITY PLANS-50 SCALE	PAI
SU300-SU301	SITE UTILITY DETAILS	PAI
SE101-SE102	ELECTRIC SERVICE PLANS	TEI
L101	LANDSCAPE SITE PLAN-100 SCALE	LBA
L301-L303	LANDSCAPE SITE DETAILS	LBA
L401-L404	LANDSCAPE PLANS-50 SCALE	LBA
L405	LANDSCAPE PLANT SCHEDULE	LBA
SHEETS 1-8	CAMP MEETING ROAD PLAN SET-DRAFT	DEWA
SHEETS 1-3	TURNING TEMPLATES-DRAFT	DEWA
SHEETS 1-4	SIGNING AND PAVEMENT MARKING PLANS-DRAFT	DEWA
ES011.S1-ES011.S4	ELECTRICAL SITE PLAN PHOTOMETRICS	KEI
ES002	LUMINAIRE SCHEDULE-SITE	KEI
ES003-ES004	ELECTRICAL SITE PLAN-CUT SHEETS	KEI
A200	OVERALL EXTERIOR BUILDING ELEVATIONS	BSHM-BCJ
G006	BUILDING ELEVATION-ZONING HEIGHTS	BSHM-BCJ

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**SHEET INDEX**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT

1122 MOSSIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4090  
 FAX (412) 825-4092  
  
 ENGINEERING & PLANNING  
 CONSTRUCTION

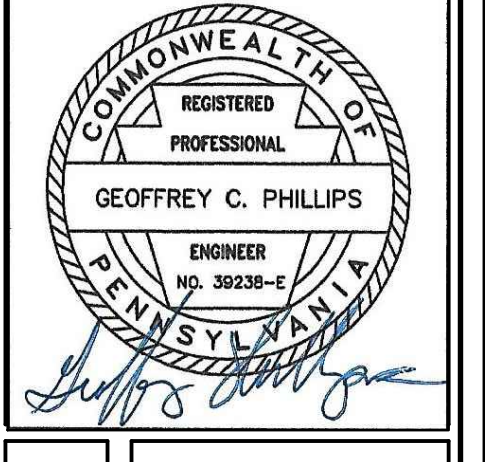
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SCALE 1"=200'	DATE 10/24/23
JOB NUMBER 22-003	SHEET NUMBER 001

CALL BEFORE YOU DIG!  
 PENNSYLVANIA LAW REQUIRES  
 3 WORKING DAYS NOTICE FOR  
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 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776



EXISTING	LEGEND DESCRIPTION	PROPOSED
—	SIGN	—
W	WATER	W
WV	WATER VALVE	WV
+	FIRE HYDRANT	+
SGN	SANITARY SEWER	SAN
STM	STORM SEWER	STM
MH	MANHOLE	MH
IC	INLET	IC
SC	SANITARY CLEANOUT	SC
G	GAS	G
GV	GAS VALVE	GV
UP	UTILITY POLE	UP
UL	UTILITY POLE W/ LIGHT	UL
UO	UNDERGROUND, OVERHEAD	U, O
ETC	ELECTRIC, TELEPHONE, CABLE	E, T, C
UFO	UNDERGROUND FIBER OPTIC	U/FO
—	GUY WIRE	—
—	SETBACK LINE	—
—	PROPERTY LINE	—
—	CENTERLINE	—
P/A	PLANTING AREA	P/A
1072	CONTOUR LINE	1072
	TOP CURB ELEV.	TC=
	BOTTOM CURB ELEV.	BC=
	TOP OF COLUMN	TOC=
	FINISH SIDEWALK ELEV.	FSW=
	STREET LIGHT	SL
	TREE	T
	HANDICAP RAMP w/DWS	HR
	CONCRETE	C
	RIP-RAP	R

NO.	REVISION DESCRIPTION
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**EXISTING CONDITIONS PLAN**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT

**PROPERTY OWNER/DEVELOPER**  
 QUAKER VALLEY SCHOOL DISTRICT  
 100 Leetsdale Industrial Drive, Suite B  
 Leetsdale, PA 15056  
 PHONE: (412) 749-3600  
 CONTACT: Charlie Gauthier  
 Director of Facilities and Administrative Services

**UTILITY COMPANIES CONTACTS**

**ELECTRIC:**  
 DUCESNE LIGHT COMPANY  
 2841 NEW BEAVER AVENUE  
 PITTSBURGH, PA 15233  
 CONTACT:

**WATER:**  
 MUNICIPAL AUTHORITY OF THE BOROUGH OF EDGEWORTH  
 313 BEAVER ROAD  
 SEWICKLEY, PA 15143  
 CONTACT:

**TELEPHONE:**  
 VERIZON PENNSYLVANIA INC.  
 201 STANWIX STREET  
 10TH FLOOR  
 PITTSBURGH, PA 15222  
 CONTACT:

**GAS:**  
 COLUMBIA GAS OF PA, INC.  
 700 N. MERCER AVENUE  
 NEW BRITAIN, PA 15066  
 CONTACT:

**SANITARY:**  
 LEET TOWNSHIP MUNICIPAL AUTHORITY  
 198 AMBRIDGE AVENUE  
 FAIR OAKS, PA 15003  
 CONTACT:

**CABLE:**  
 COMCAST CABLE COMMUNICATION, INC.  
 201 STANWIX STREET  
 10TH FLOOR  
 PITTSBURGH, PA 15222  
 CONTACT:

**CABLE:**  
 VERIZON PENNSYLVANIA INC.  
 201 STANWIX STREET  
 10TH FLOOR  
 PITTSBURGH, PA 15222  
 CONTACT:

- GENERAL NOTES**
- 1.) THE LOCATION, DIRECTION AND SIZE OF ALL UTILITIES SHOWN ON THIS PLAN ARE BASED ON VISUAL EVIDENCE IN THE FIELD, OR PER INFORMATION PROVIDED BY THE UTILITY COMPANIES, OR FROM PREVIOUSLY PREPARED PLANS, AND THOSE UTILITIES SHOWN ARE NOT NECESSARILY ALL OF THE EXISTING UTILITIES.
  - 2.) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXACT FIELD LOCATION PRIOR TO ANY EXCAVATION BY NOTIFYING THE PENNSYLVANIA ONE CALL SYSTEM AT LEAST THREE (3) DAYS IN ADVANCE BY CALLING 1-800-242-1776.
  - 3.) PROPERTY IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAIN AS SHOWN ON THE FEDERAL FLOOD INSURANCE RATE MAP FOR TOWNSHIP OF LEET, BOROUGH OF LEETSDALE AND BOROUGH OF EDGEWORTH, ALLEGHENY COUNTY, PA F.I.R.M. PANEL NO.4200300154H, DATED SEPTEMBER 26, 2014.
  - 4.) ALL UNDERGROUND PIPE SIZES AND TYPES HAVE BEEN OBSERVED FROM GROUND LEVEL. NO ATTEMPT HAS BEEN MADE TO ENTER UNDERGROUND FACILITIES FOR ACTUAL MEASUREMENTS.
  - 5.) FIELD SURVEY OF PROPERTY BOUNDARY, UTILITIES, EASEMENTS, RIGHT OF WAYS, PHYSICAL STRUCTURES, ETC. BY DENNIS DULL LAND SURVEYING, 120 KLINE AVENUE, NORTH VERSAILLES, PA 15137 PH: (412) 823-0283
  - 6.) AERIAL TOPOGRAPHIC MAPPING BY THE THRASHER GROUP, INC., 600 WHITE OAK BOULEVARD, P.O. BOX 940, BRIDGEPORT, WV 26330 PHONE: 1 (800) 273-6541, DATE OF AERIAL PHOTOGRAPHY: 4-20-22

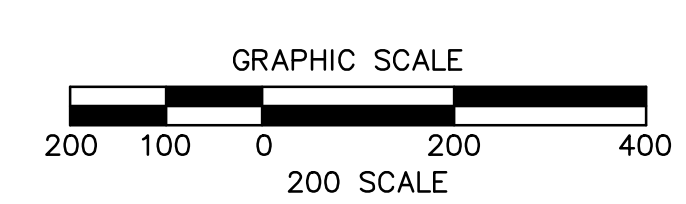
**GOVERNMENTAL CONTACTS**

**MUNICIPALITY:**  
 LEET TOWNSHIP  
 198 AMBRIDGE AVENUE  
 FAIR OAKS, PA 15003  
 PHONE: 724-266-2280  
 CONTACT:

**MUNICIPALITY:**  
 BOROUGH OF LEETSDALE  
 373 BEAVER STREET  
 LEETSDALE, PA 15056  
 PHONE: 724-266-4820  
 CONTACT:

**MUNICIPALITY:**  
 BOROUGH OF EDGEWORTH  
 301 BEAVER ROAD  
 EDGEWORTH, PA 15143  
 PHONE: 412-741-2866  
 CONTACT:

**CAMP MEETING ROAD:**  
 ALLEGHENY COUNTY  
 DEPARTMENT OF PUBLIC WORKS  
 501 COUNTY BUILDING  
 542 FORBES AVENUE  
 PITTSBURGH, PA 15219  
 PHONE: 412-350-5874  
 CONTACT:



SUB MITTAL SET - 11.15.2023

1122 MOSSIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4090  
 FAX (412) 825-4092

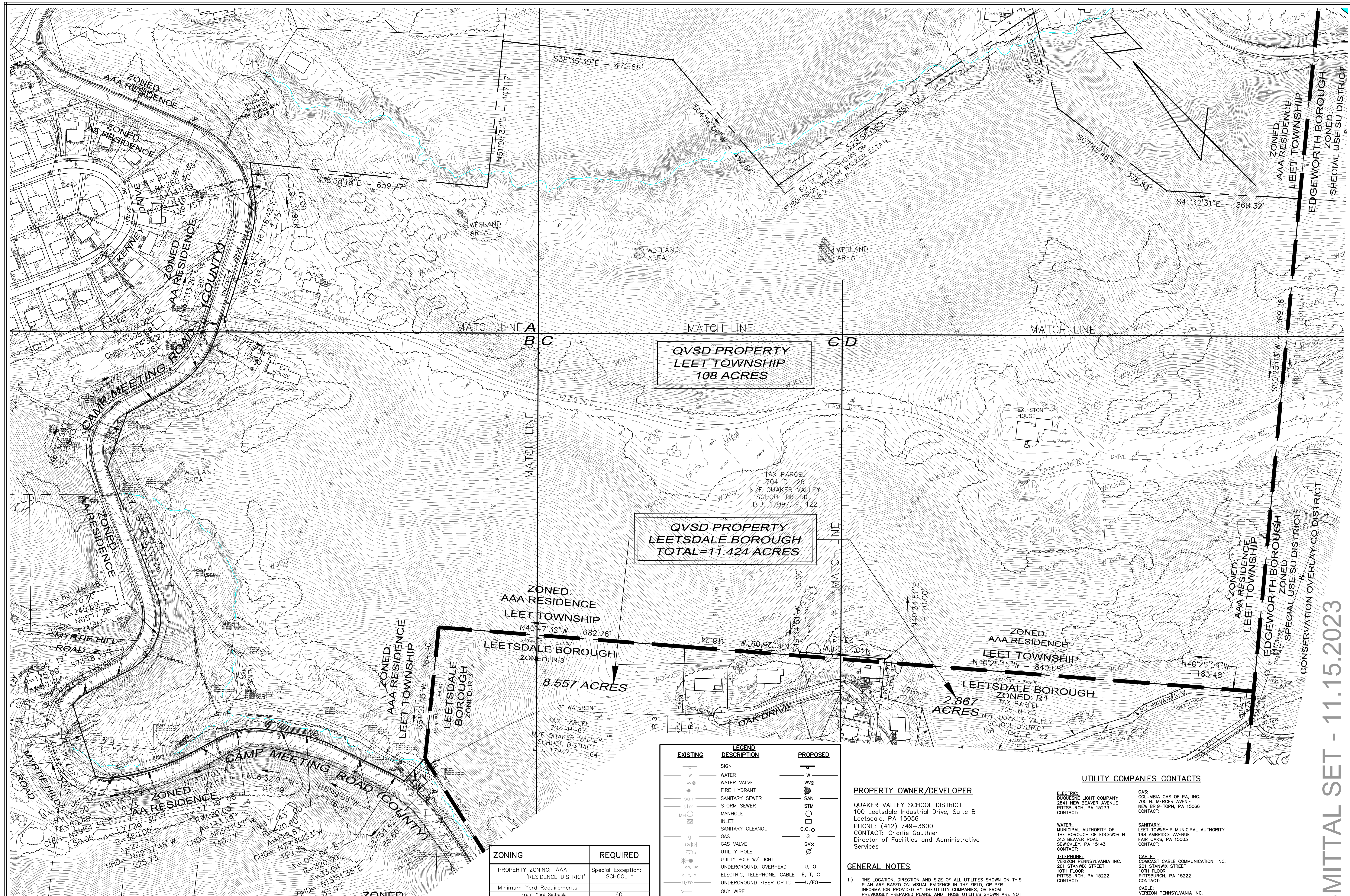
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SCALE: 1" = 200'  
 DATE: 11/01/23

JOB NUMBER:  
 22-023

SHEET NUMBER:  
 EX-100

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 1-800-242-1776



ZONING	REQUIRED
PROPERTY ZONING: AAA 'RESIDENCE DISTRICT'	Special Exception: SCHOOL *
Minimum Yard Requirements:	
Front Yard Setback:	60'
Side Yard Setback:	20'
Rear Yard Setback:	50'
Parking Lot Setback:	10'
Max. Building Height:	3 Stories, 45'
Min. Lot Width:	145'
Maximum Lot Coverage:	
Minimum Lot Area:	30,000 S.F.
Parking Requirements:	
Min. # Total Stalls:	1,296 Seats/4= 324
1 per 4 seats largest meeting room:	
Min. # Handicap Stalls:	8
Standard Stall Size:	9' x 18'
Minimum Aisle Width:	24'
Minimum # of Loading Spaces:	1 per 3,000 S.F.
Max. # of Loading Spaces:	2
Min. Size of Loading Space:	10' x 20'
Lighting:	Min. 0.5 F.C.

PROPERTY AREA = 4,829,561.70 S.F. OR 108.004 ACRES  
 \* SPECIAL EXCEPTION GRANTED BY JUDGE JAMES OPINION AND ORDER DATED 11-28-22.

EXISTING	DESCRIPTION	PROPOSED
—	SIGN	—
W	WATER	W
WV	WATER VALVE	WV
FD	FIRE HYDRANT	FD
SS	SANITARY SEWER	SS
SSM	STORM SEWER	SSM
MH	MANHOLE	MH
IN	INLET	IN
SC	SANITARY CLEANOUT	SC
G	GAS	G
GV	GAS VALVE	GV
UP	UTILITY POLE W/ LIGHT	UP
UO	UNDERGROUND, OVERHEAD	U, O
ETC	ELECTRIC, TELEPHONE, CABLE	E, T, C
UFO	UNDERGROUND FIBER OPTIC	U/F/O
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—	TREE	—
—	HANDICAP RAMP W/DWS	—
—	CONCRETE	—
—	RIP-RAP	—

**PROPERTY OWNER/DEVELOPER**

QUAKER VALLEY SCHOOL DISTRICT  
 100 Leetsdale Industrial Drive, Suite B  
 Leetsdale, PA 15056  
 PHONE: (412) 749-3600  
 CONTACT: Charlie Gauthier  
 Director of Facilities and Administrative Services

**GENERAL NOTES**

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 PITTSBURGH, PA 15233  
 CONTACT:

**WATER:**  
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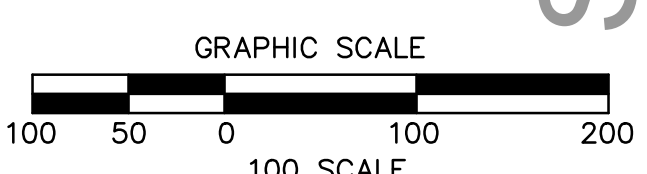
**MUNICIPALITY:**  
 LEET TOWNSHIP  
 188 AMBRIDGE AVENUE  
 FAIR OAKS, PA 15003  
 PHONE: 724-266-2280  
 CONTACT:

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 BOROUGH OF LEETSDALE  
 373 BEAVER STREET  
 LEETSDALE, PA 15056  
 PHONE: 724-266-4820  
 CONTACT:

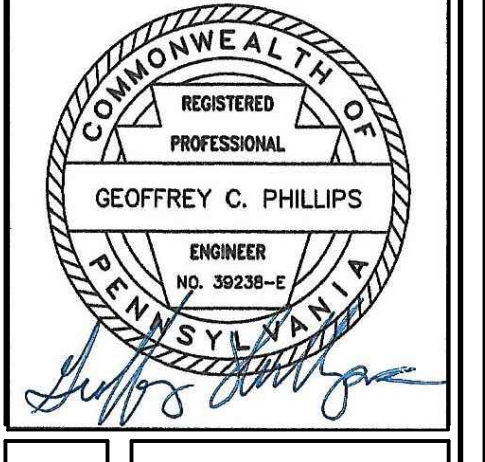
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 EDGEWORTH, PA 15143  
 PHONE: 412-741-2886  
 CONTACT:

**CAMP MEETING ROAD:**  
 ALLEGHENY COUNTY  
 DEPARTMENT OF PUBLIC WORKS  
 501 COUNTY BUILDING  
 542 FORBES AVENUE  
 PITTSBURGH, PA 15219  
 PHONE: 412-350-5874  
 CONTACT:

**GOVERNMENTAL CONTACTS**



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1122 MOSSIDE BOULEVARD  
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**PHILLIPS & ASSOCIATES, INC.**  
 ENGINEERING & PLANNING  
 CONSULTANTS

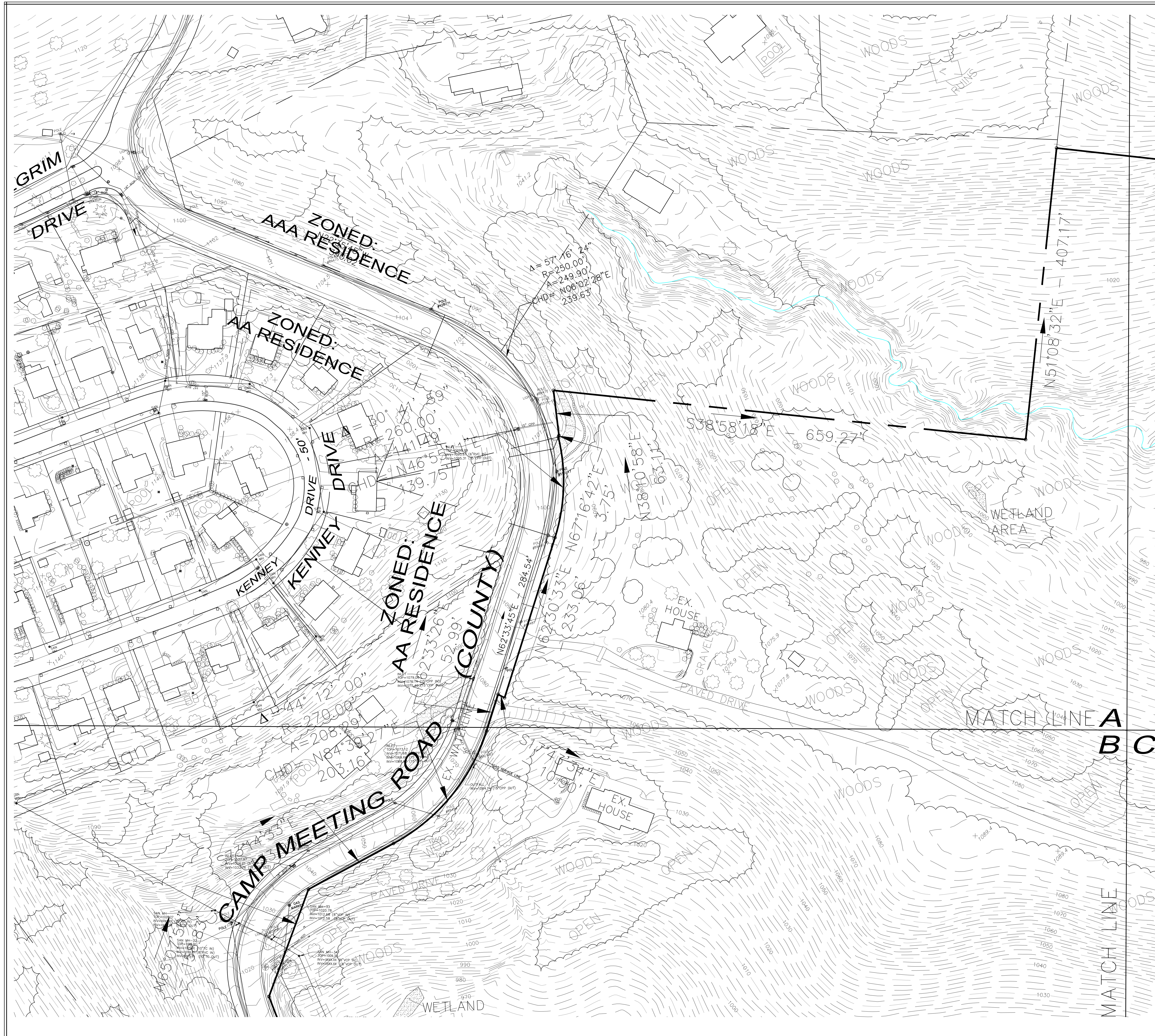
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JOB NUMBER: 22-003

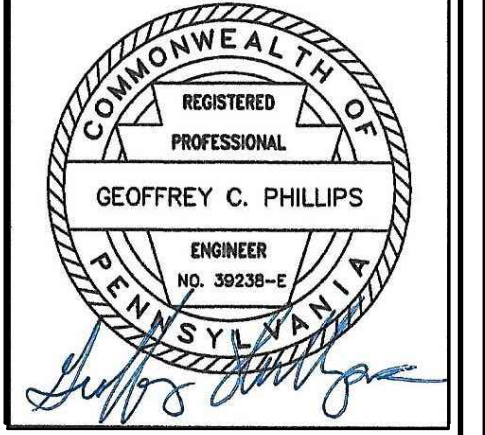
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SUBMITTAL SET - 11.15.2023



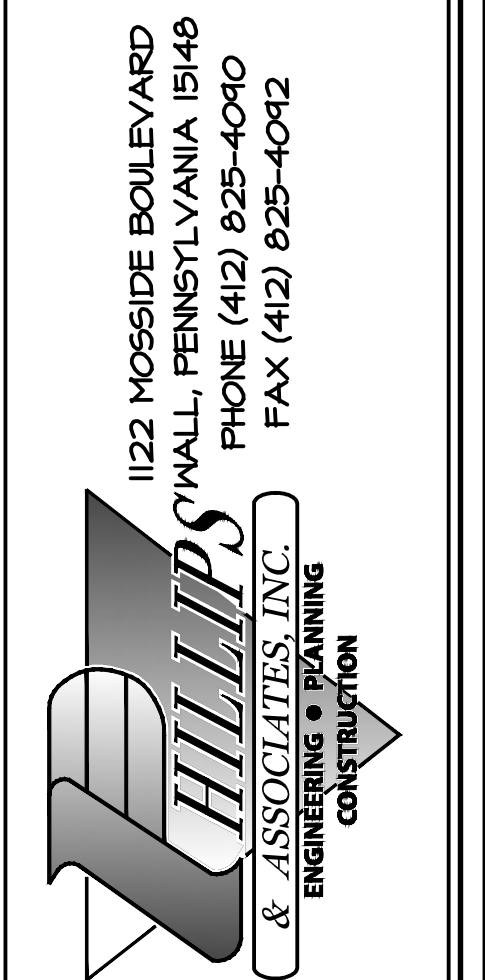
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SSM	STORM SEWER	SSM
MH	MANHOLE	MH
IN	INLET	IN
SC	SANITARY CLEANOUT	SC
G	GAS	G
GV	GAS VALVE	GV
UP	UTILITY POLE	UP
UO	UNDERGROUND, OVERHEAD	U, O
ETC	ELECTRIC, TELEPHONE, CABLE	E, T, C
UFO	UNDERGROUND FIBER OPTIC	U/FO
GW	GUY WIRE	GW
SL	SETBACK LINE	SL
PL	PROPERTY LINE	PL
CL	CENTERLINE	CL
R	RAILING	R
PA	PLANTING AREA	PA
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	BOTTOM CURB ELEV.	BC=
	TOP OF COLUMN	TCOL=
	FINISH SIDEWALK ELEV.	FSW=
	STREET LIGHT	SL
	TREE	T
	HANDICAP RAMP w/DWS	H
	CONCRETE	C
	RIP-RAP	R

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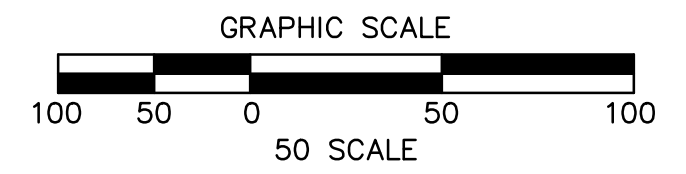


**EXISTING CONDITIONS PLAN**  
**NEW GUAKEr VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 GUAKEr VALLEY SCHOOL DISTRICT

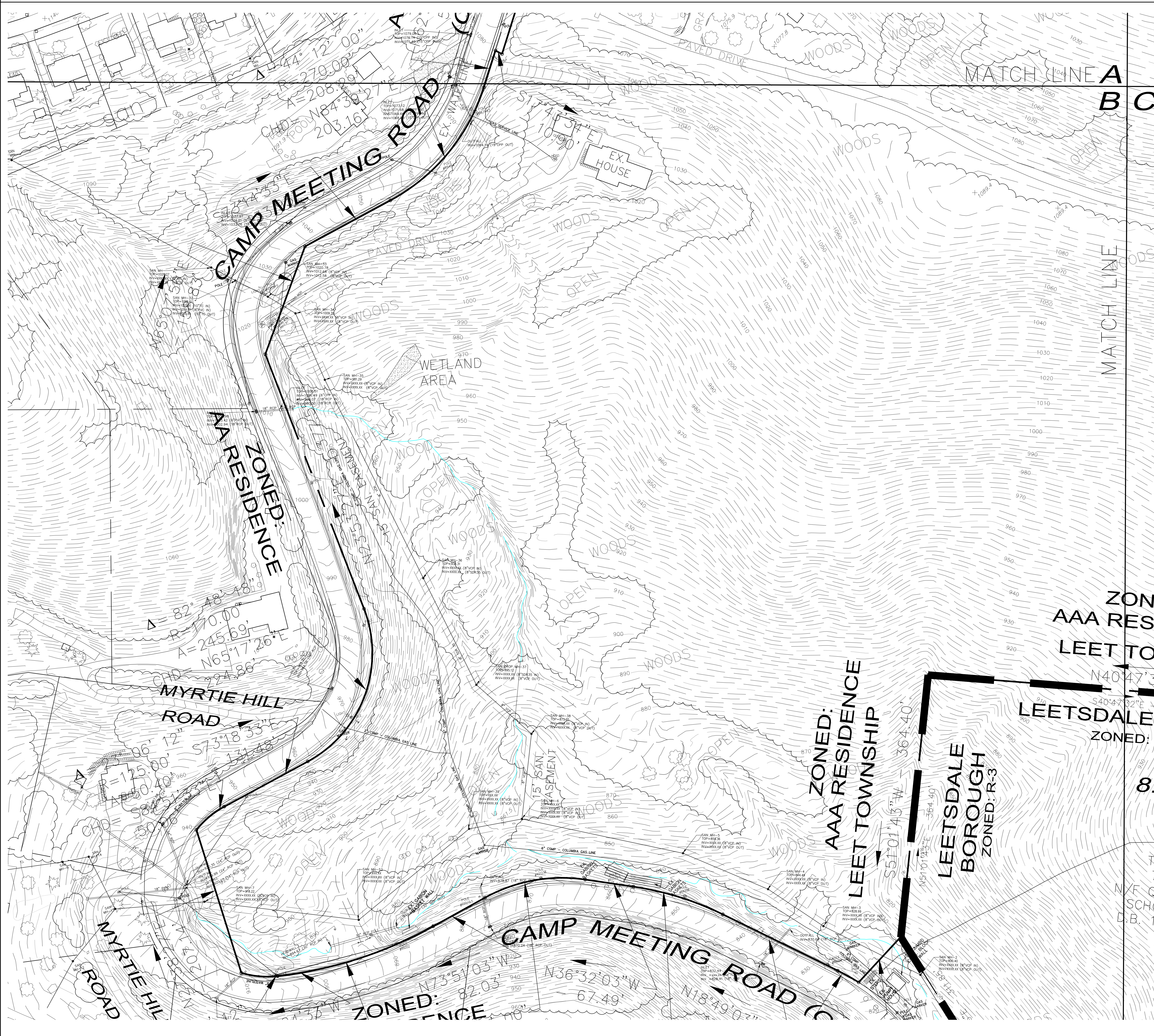
**SUBMITTAL SET - 11.15.2023**



DRAWN BY:		CHECKED BY:	
SCALE	DATE	JOB NUMBER	SHEET NUMBER
1"=50'	11/20/23	22-023	EX300A

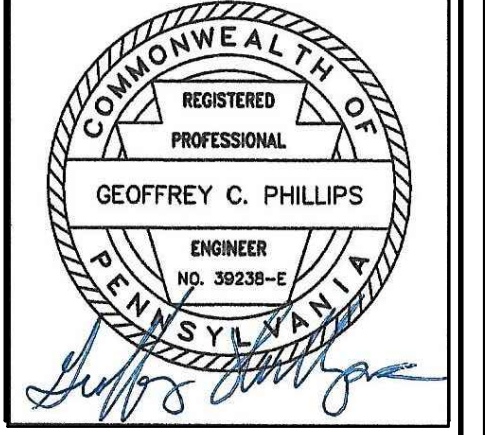


CALL BEFORE YOU DIG!  
 PENNSYLVANIA LAW REQUIRES  
 3 WORKING DAYS NOTICE FOR  
 CONSTRUCTION PHASE AND 10 WORKING  
 DAYS NOTICE IN DESIGN STAGE.  
 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776

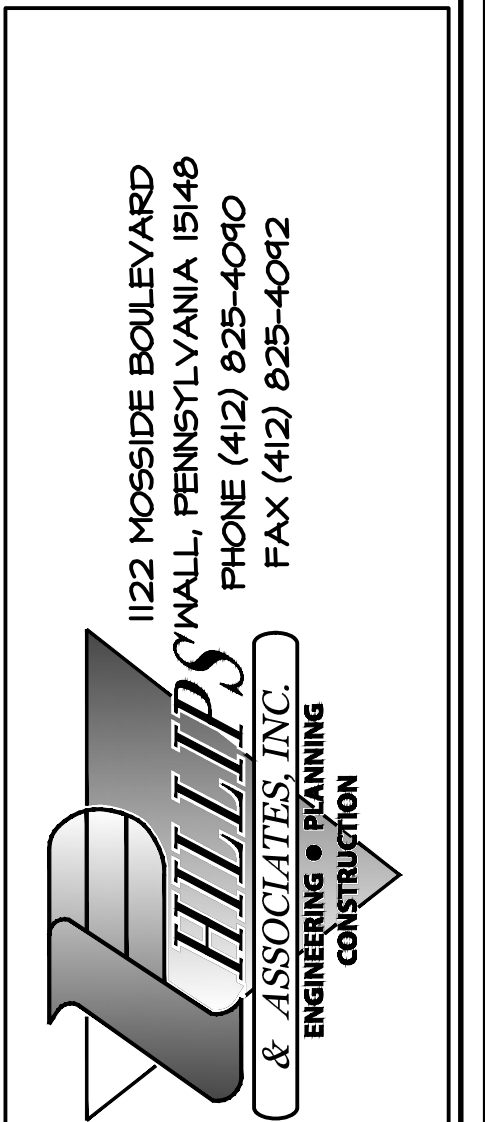


EXISTING	LEGEND DESCRIPTION	PROPOSED
—	SIGN	—
W	WATER	W
WV	WATER VALVE	WV
FH	FIRE HYDRANT	FH
SS	SANITARY SEWER	SS
STW	STORM SEWER	STW
MH	MANHOLE	MH
IN	INLET	IN
SC	SANITARY CLEANOUT	SC
G	GAS VALVE	G
UP	UTILITY POLE	UP
UO	UTILITY POLE W/ LIGHT	UO
U	UNDERGROUND, OVERHEAD	U, O
ETC	ELECTRIC, TELEPHONE, CABLE	E, T, C
UFO	UNDERGROUND FIBER OPTIC	U/FO
GW	GUY WIRE	GW
SL	SETBACK LINE	SL
PL	PROPERTY LINE	PL
CL	CENTERLINE	CL
RA	RAILING	RA
PA	PLANTING AREA	PA
1072	CONTOUR LINE	1072
	TOP CURB ELEV.	TC=
	BOTTOM CURB ELEV.	BC=
	TOP OF CURB	TCOL=
	FINISH SIDEWALK ELEV.	FSW=
	STREET LIGHT	SL
	TREE	T
	HANDICAP RAMP w/DWS	HR
	CONCRETE	C
	RIP-RAP	R

NO.	REVISION DESCRIPTION
1	
2	
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**EXISTING CONDITIONS PLAN**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT



1122 HOESIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4090  
 FAX (412) 825-4092

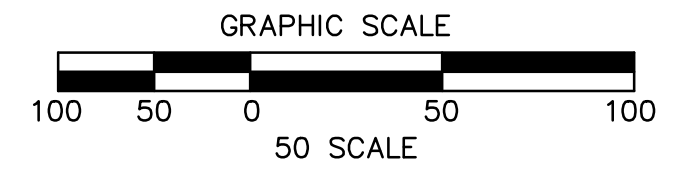
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SCALE: 1"=50' DATE: 11/21/23

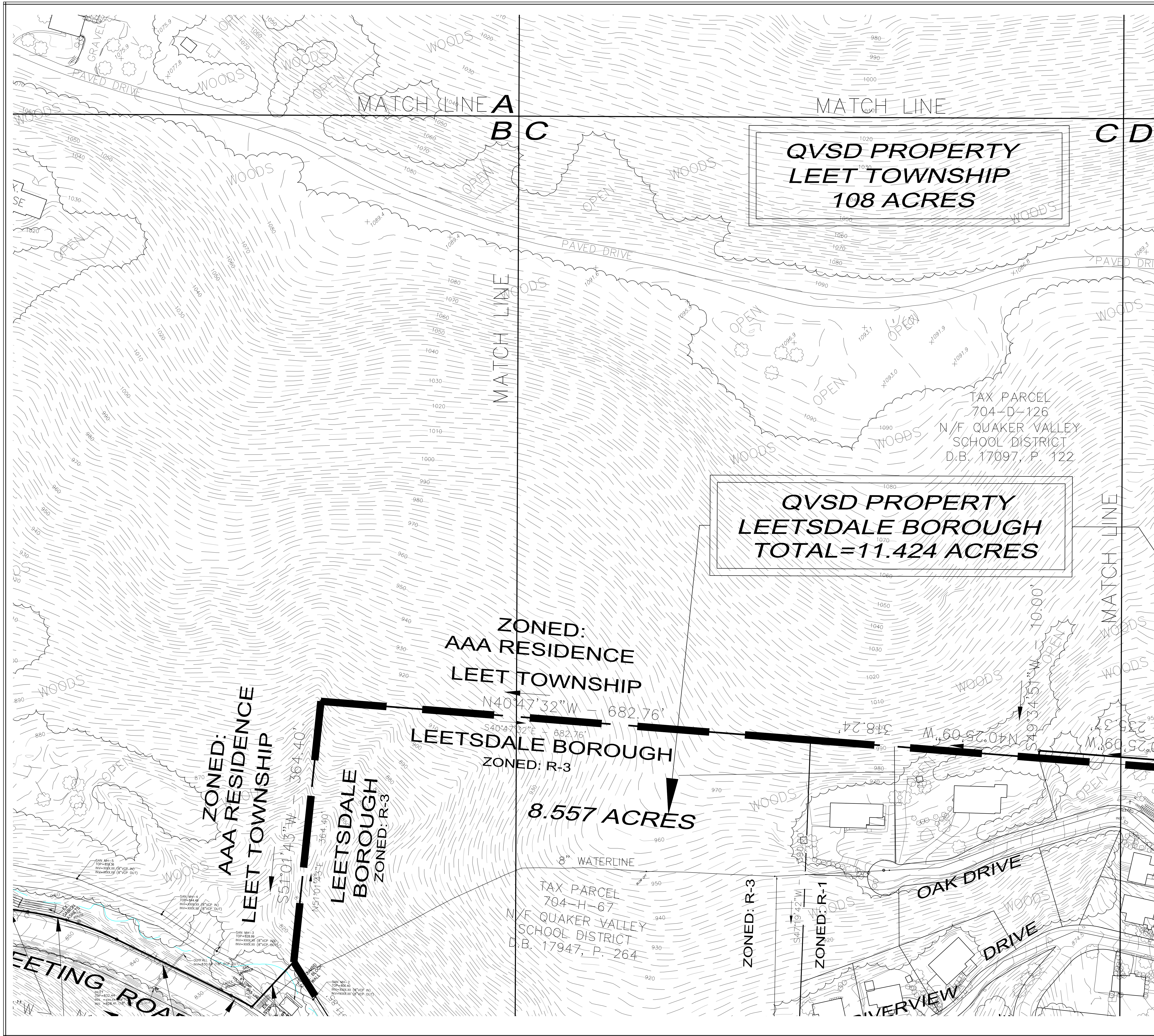
JOB NUMBER: 22-023

SHEET NUMBER: EX300B

SUBMITTAL SET - 11.15.2023

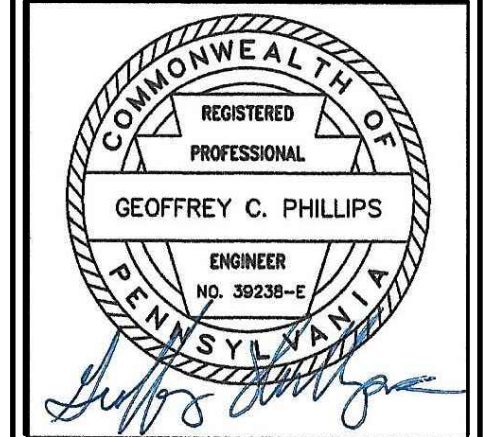


CALL BEFORE YOU DIG!  
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 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776



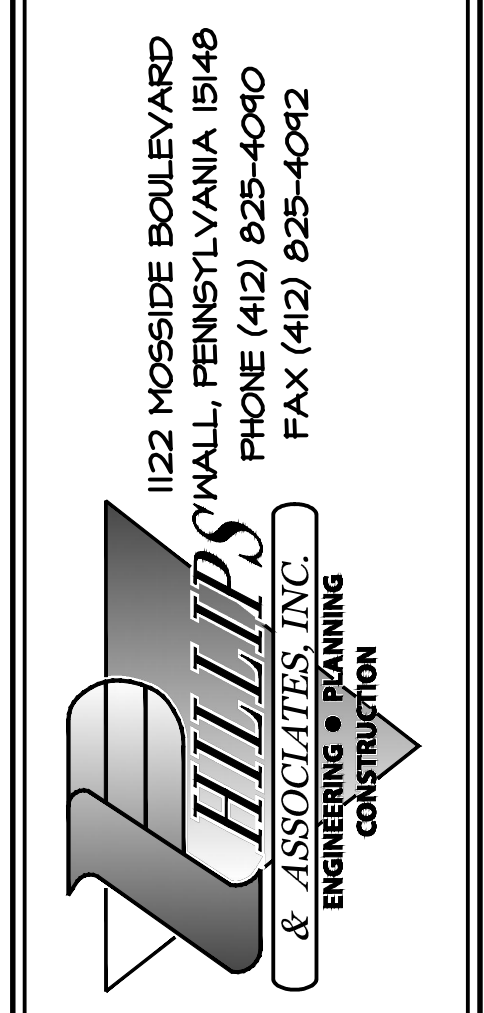
EXISTING	LEGEND DESCRIPTION	PROPOSED
U	SIGN	U
W	WATER	W
WV	WATER VALVE	WV
FH	FIRE HYDRANT	FH
SS	SANITARY SEWER	SS
SSM	STORM SEWER	SSM
MH	MANHOLE	MH
IN	INLET	IN
SC	SANITARY CLEANOUT	SC
G	GAS	G
GV	GAS VALVE	GV
UP	UTILITY POLE	UP
UL	UTILITY POLE W/ LIGHT	UL
UO	UNDERGROUND, OVERHEAD	U, O
ETC	ELECTRIC, TELEPHONE, CABLE	E, T, C
UFO	UNDERGROUND FIBER OPTIC	U/FO
GW	GUY WIRE	GW
SL	SETBACK LINE	SL
PL	PROPERTY LINE	PL
CL	CENTERLINE	CL
R	RAILING	R
PA	PLANTING AREA	PA
1072	CONTOUR LINE	1072
	TOP CURB ELEV.	TC=
	BOTTOM CURB ELEV.	BC=
	TOP OF COLUMN	TCOL=
	FINISH SIDEWALK ELEV.	FSW=
	STREET LIGHT	SL
	TREE	T
	HANDICAP RAMP W/DWS	HR
	CONCRETE	C
	RIP-RAP	R

NO REVISION DESCRIPTION



**EXISTING CONDITIONS PLAN**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT

**SUBMITTAL SET - 11.15.2023**



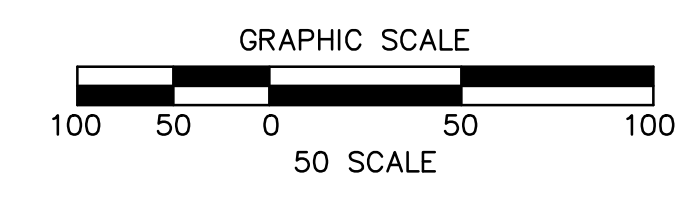
1122 HOESIDE BOULEVARD  
 WALL, PENNSYLVANIA 15148  
 PHONE (412) 825-4040  
 FAX (412) 825-4042

DRAWN BY:  
 CHECKED BY:

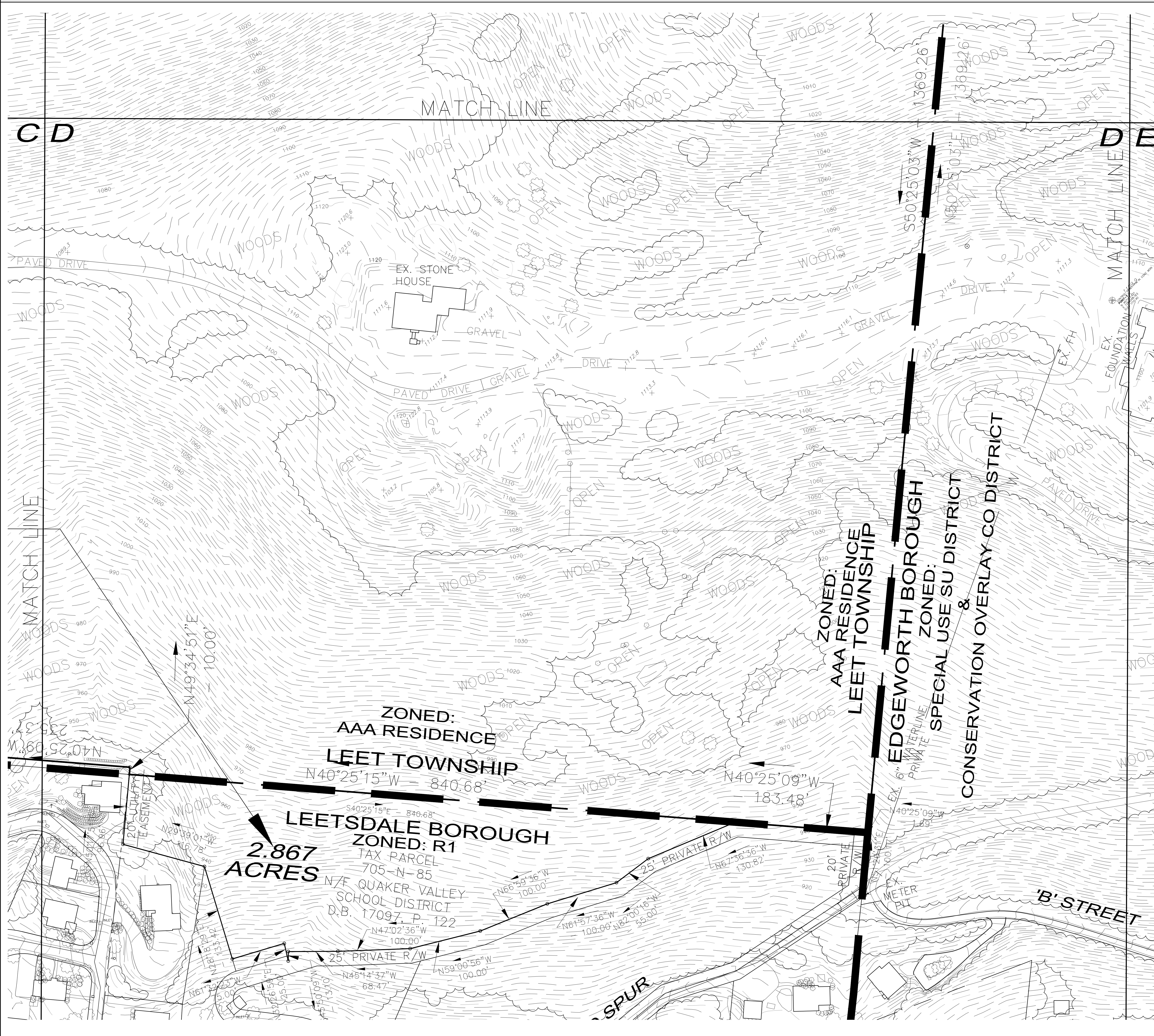
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 DATE: 11/21/23

JOB NUMBER: 22-023

SHEET NUMBER: EX300C

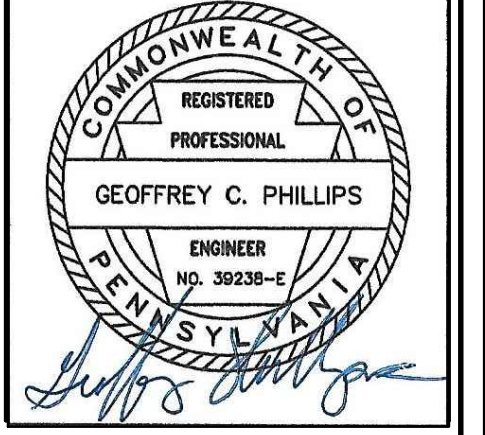


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 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776



EXISTING	DESCRIPTION	PROPOSED
	SIGN	
	WATER	
	WATER VALVE	
	FIRE HYDRANT	
	SANITARY SEWER	
	STORM SEWER	
	MANHOLE	
	INLET	
	SANITARY CLEANOUT	
	GAS VALVE	
	UTILITY POLE	
	UTILITY POLE W/ LIGHT	
	UNDERGROUND, OVERHEAD	
	ELECTRIC, TELEPHONE, CABLE	
	UNDERGROUND FIBER OPTIC	
	GUY WIRE	
	SETBACK LINE	
	PROPERTY LINE	
	CENTERLINE	
	RAILING	
	PLANTING AREA	
	CONTOUR LINE	
	TOP CURB ELEV.	
	BOTTOM CURB ELEV.	
	TOP OF COLUMN	
	FINISH SIDEWALK ELEV.	
	STREET LIGHT	
	TREE	
	HANDICAP RAMP w/DWS	
	CONCRETE	
	RIP-RAP	

NO.	REVISION DESCRIPTION
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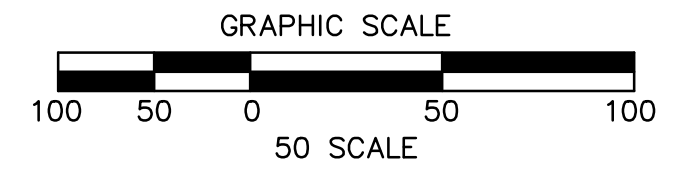
**EXISTING CONDITIONS PLAN**

**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT

1122 HOESIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4040  
 FAX (412) 825-4042

**PHILLIPS & ASSOCIATES, INC.**  
 ENGINEERING • PLANNING  
 CONSTRUCTION

**SUBMITTAL SET - 11.15.2023**



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 PENNSYLVANIA LAW REQUIRES  
 3 WORKING DAYS NOTICE FOR  
 CONSTRUCTION PHASE AND 10 WORKING  
 DAYS NOTICE IN DESIGN STAGE.  
 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776

**ZONED: AAA RESIDENCE**  
**LEET TOWNSHIP**

**ZONED: AAA RESIDENCE**  
**LEET TOWNSHIP**

**ZONED: R1**  
**LEETSDALE BOROUGH**

**2.867 ACRES**

TAX PARCEL  
 705-N-85  
 N/F QUAKER VALLEY  
 SCHOOL DISTRICT  
 D.B. 17097, P. 122

**ZONED: AAA RESIDENCE**  
**LEET TOWNSHIP**

**EDGEWORTH BOROUGH**

**ZONED: SPECIAL USE SU DISTRICT**  
**&**  
**CONSERVATION OVERLAY CO DISTRICT**

N49°34'51"E  
 = 10.00'

N40°25'15"W = 840.68'

N40°25'09"W  
 183.48'

N45°14'37"W  
 68.47'

N59°00'56"W  
 100.00'

N47°02'36"W  
 100.00'

N66°59'36"W  
 100.00'

N61°57'36"W  
 100.00'

N62°36'36"W  
 130.82'

N40°25'09"W  
 = 10.00'

N49°34'51"E  
 = 10.00'

N61°57'36"W  
 100.00'

N59°00'56"W  
 100.00'

N47°02'36"W  
 100.00'

N66°59'36"W  
 100.00'

N61°57'36"W  
 100.00'

N62°36'36"W  
 130.82'



**QVSD PROPERTY  
EDGEWORTH BOROUGH  
39 ACRES**

TAX PARCEL  
705-P-280  
N/F QUAKER VALLEY  
SCHOOL DISTRICT  
D.B. 17097, P. 122

ZONED:  
AAA RESIDENCE  
LEET TOWNSHIP

EDGEWORTH BOROUGH  
SPECIAL ZONED:  
SPECIAL USE SU DISTRICT  
&  
CONSERVATION OVERLAY CO DISTRICT

'B' STREET

MATCH LINE  
DE

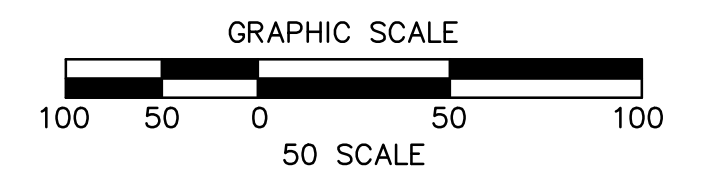
MATCH LINE

WETLAND AREA

WETLAND AREA

WETLAND AREA

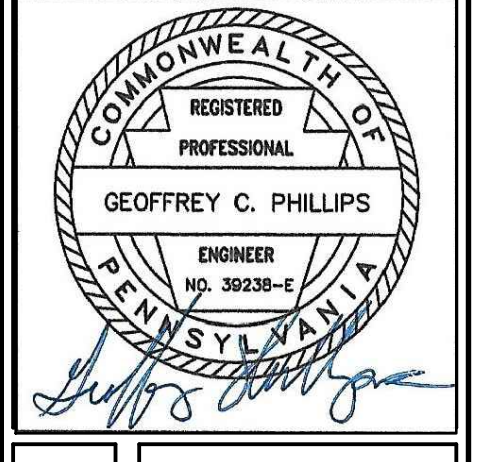
EXISTING	LEGEND DESCRIPTION	PROPOSED
—	SIGN	—
w	WATER	w
w@	WATER VALVE	w@
+	FIRE HYDRANT	+
san	SANITARY SEWER	san
strn	STORM SEWER	strn
Mh	MANHOLE	Mh
INLET	INLET	INLET
SC	SANITARY CLEANOUT	SC
g	GAS	g
GV	GAS VALVE	GV
UP	UTILITY POLE	UP
oh, ug	UTILITY POLE W/ LIGHT UNDERGROUND, OVERHEAD	oh, ug
e, t, c	ELECTRIC, TELEPHONE, CABLE	e, t, c
U/FO	UNDERGROUND FIBER OPTIC	U/FO
—	GUY WIRE	—
—	SETBACK LINE	—
—	PROPERTY LINE	—
—	CENTERLINE	—
—	RAILING	—
P/A	PLANTING AREA	P/A
1072	CONTOUR LINE	1072
—	TOP CURB ELEV.	TC=
—	BOTTOM CURB ELEV.	BC=
—	TOP OF COLUMN	TCOL=
—	FINISH SIDEWALK ELEV.	FSW=
—	STREET LIGHT	—
—	TREE	—
—	HANDICAP RAMP w/DWS	—
—	CONCRETE	—
—	RIP-RAP	—



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DAYS NOTICE IN DESIGN STAGE.  
STOP CALL  
PENNSYLVANIA ONE CALL SYSTEM, INC.  
1-800-242-1776

**SUBMITTAL SET - 11.15.2023**

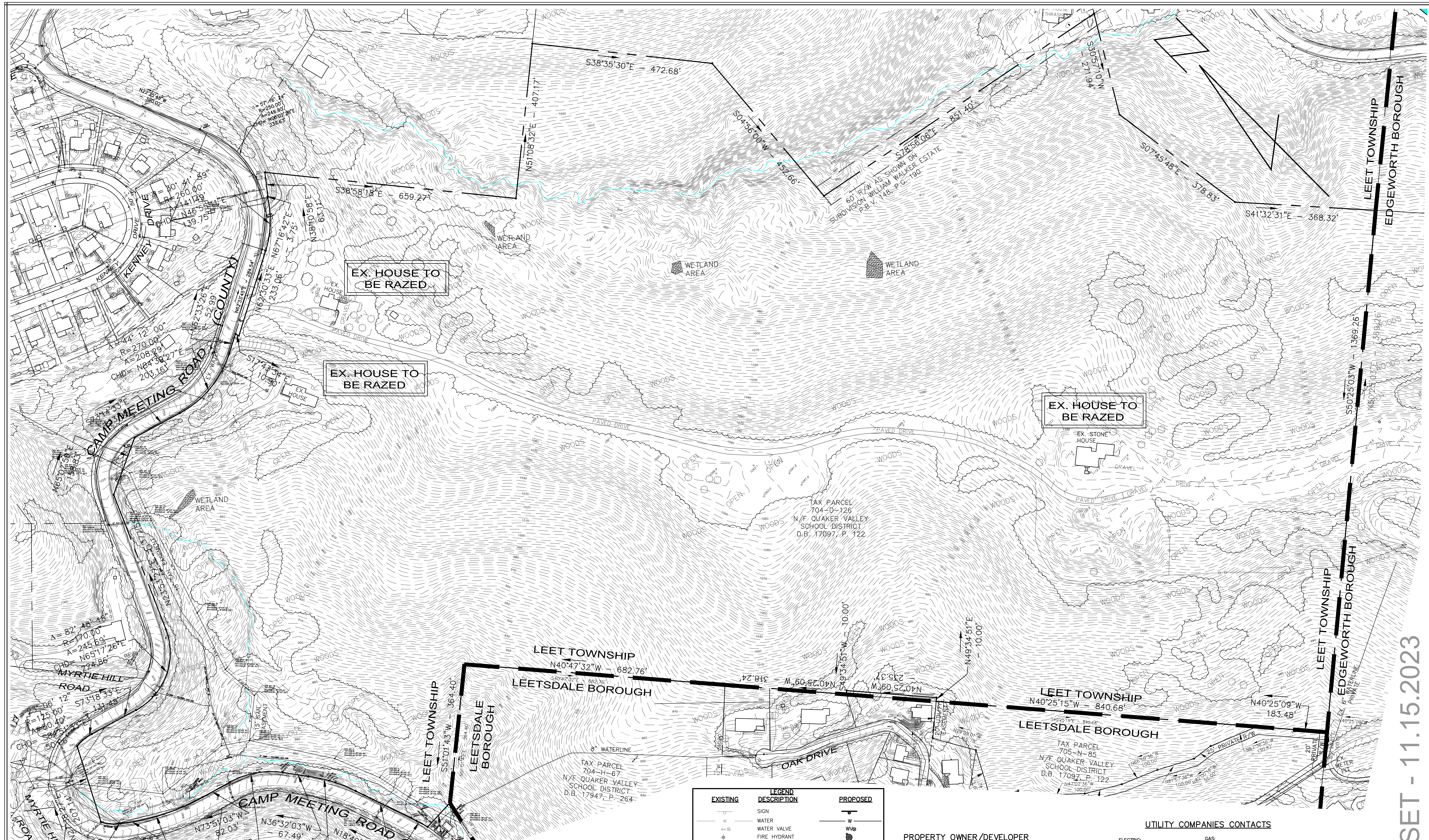
NO.	REVISION DESCRIPTION
1	
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**EXISTING CONDITIONS PLAN**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
210 Camp Meeting Road  
Sewickley, Allegheny County, Pennsylvania  
QUAKER VALLEY SCHOOL DISTRICT



DRAWN BY:  
CHECKED BY:  
SCALE: 1"=50'  
DATE: 11/01/23  
JOB NUMBER: 22-003  
SHEET NUMBER: EX300E



**GENERAL DEMOLITION NOTES:**

1. THE UTILITIES ON THIS PLAN ARE FOR REFERENCES PURPOSES ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EXACT FIELD LOCATION PRIOR TO ANY EXCAVATION OR DEMOLITION BY NOTIFYING THE PENNSYLVANIA ONE CALL SYSTEM AT LEAST 3 DAYS IN ADVANCE BY CALLING 1-800-242-1776.
2. ALL STRUCTURES HAVE BEEN PHYSICALLY LOCATED IN THE FIELD. THE LOCATION AND SIZE OF ALL UNDERGROUND SERVICE UTILITIES TO EACH STRUCTURES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL LOCAL AND STATE PERMITS REQUIRED FOR DEMOLITION WORK.
4. THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER AND ENGINEER FOR ANY AND ALL INJURIES AND/OR DAMAGES TO PERSONAL EQUIPMENT AND/OR EXISTING FACILITIES OCCURRING DURING THE COURSE OF DEMOLITION AND CONSTRUCTION DESCRIBED IN THE PLANS AND SPECIFICATIONS.
5. CONTRACTOR SHALL DISPOSE OF ALL DEMOLITION AND CONSTRUCTION DEBRIS IN A STATE APPROVED WASTE SITE AND IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS.
6. ALL UTILITY REMOVAL, RELOCATION, CUTTING AND CAPPING AND/OR ABANDONMENT SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANY AND PERFORMED IN ACCORDANCE WITH THEIR REQUIREMENTS. UTILITY CONTACT INFORMATION IS LISTED ON THIS PLAN.
7. BURNING OF CLEARED MATERIAL AND DEBRIS IS NOT BE PERMITTED WITHOUT WRITTEN AUTHORIZATION FROM LOCAL AUTHORITIES.
8. IF FOUND ON THE SITE, ASBESTOS OR HAZARDOUS MATERIALS SHALL BE REMOVED BY A LICENSED HAZARDOUS MATERIALS CONTRACTOR. CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY IF HAZARDOUS MATERIALS ARE ENCOUNTERED.
9. CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE, FEDERAL, AND OSHA REGULATIONS DURING ALL DEMOLITION AND CONSTRUCTION ACTIVITIES.
10. CONTRACTOR SHALL PROTECT ALL CORNER PINS, MONUMENTS, EASEMENTS, PROPERTY CORNERS, AND BENCHMARKS DURING DEMOLITION ACTIVITIES. IF DISTURBED, THE CONTRACTOR SHALL HAVE DISTURBED ITEMS RESET BY A LICENSED SURVEYOR AT NO ADDITIONAL COST TO THE OWNER.
11. CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC CONTROL MEASURES IN ACCORDANCE WITH PADOT PUBLICATION 203 (WORK ZONE TRAFFIC CONTROL) AND AS REQUIRED BY LOCAL AGENCIES WHEN WORKING IN AND/OR ALONG STREETS, ROADS, HIGHWAYS, ETC. THE CONTRACTOR SHALL OBTAIN APPROVAL AND COORDINATE WITH LOCAL AND/OR STATE AGENCIES REGARDING THE NEED, EXTENT, AND LIMITATIONS ASSOCIATED WITH INSTALLING AND MAINTAINING TRAFFIC CONTROL MEASURES.
12. ALL PAVEMENT SAW CUTS SHALL BE STRAIGHT, SMOOTH AND CLEAN CUTS.

**PROJECT NOTES:**

1. DEMOLITION OF THE TWO RESIDENTIAL HOUSES ALONG CAMP MEETING ROAD AND THE EXISTING STONE HOUSE WILL BE COMPLETED PRIOR TO THE SITE CONTRACTOR MOBILIZING ONTO THE SITE.
2. PRIOR TO DEMOLITION OF THE EXISTING STONE HOUSE SOME INTERIOR VINTAGE ITEMS (SUCH AS DOORS, WINDOWS, BOOK SHELVES, ROOM DECOR, ETC.) WILL BE REMOVED FOR REPURPOSING.

EXISTING	LEGEND DESCRIPTION	PROPOSED
	SIGN	
	WATER	
	WATER VALVE	
	FIRE HYDRANT	
	SANITARY SEWER	
	STORM SEWER	
	MANHOLE	
	INLET	
	SANITARY CLEANOUT	
	GAS	
	GAS VALVE	
	UTILITY POLE	
	UTILITY POLE W/ LIGHT	
	UNDERGROUND, OVERHEAD	
	ELECTRIC, TELEPHONE, CABLE	
	UNDERGROUND FIBER OPTIC	
	GUY WIRE	
	SETBACK LINE	
	PROPERTY LINE	
	CENTERLINE	
	RAILING	
	PLANTING AREA	
	CONTOUR LINE	
	TOP CURB ELEV.	
	BOTTOM CURB ELEV.	
	TOP OF COLUMN	
	FINISH SIDEWALK ELEV.	
	STREET LIGHT	
	TREE	
	HANDICAP RAMP w/DWS	
	CONCRETE	
	RIP-RAP	

**PROPERTY OWNER/DEVELOPER**

QUAKER VALLEY SCHOOL DISTRICT  
 100 Leetsdale Industrial Drive, Suite B  
 Leetsdale, PA 15056  
 PHONE: (412) 749-3600  
 CONTACT: Charlie Gauthier  
 Director of Facilities and Administrative Services

**GENERAL NOTES**

- 1) THE LOCATION, DIRECTION AND SIZE OF ALL UTILITIES SHOWN ON THIS PLAN ARE BASED ON VISUAL EVIDENCE IN THE FIELD, OR PER INFORMATION PROVIDED BY THE UTILITY COMPANIES, OR FROM PREVIOUSLY PREPARED PLANS, AND THOSE UTILITIES SHOWN ARE NOT NECESSARILY ALL OF THE EXISTING UTILITIES.
- 2) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXACT FIELD LOCATION PRIOR TO ANY EXCAVATION BY NOTIFYING THE PENNSYLVANIA ONE CALL SYSTEM AT LEAST THREE (3) DAYS IN ADVANCE BY CALLING 1-800-242-1776.
- 3) PROPERTY IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAN AS SHOWN ON THE FEDERAL FLOOD INSURANCE RATE MAP FOR TOWNSHIP OF LEET, BOROUGH OF LEETSDALE AND BOROUGH OF EDGEWORTH, ALLEGHENY COUNTY, PA F.I.R.M. PANEL NO.420030154H, DATED SEPTEMBER 26, 2014.
- 4) ALL UNDERGROUND PIPE SIZES AND TYPES HAVE BEEN OBSERVED FROM GROUND LEVEL. NO ATTEMPT HAS BEEN MADE TO ENTER UNDERGROUND FACILITIES FOR ACTUAL MEASUREMENTS.
- 5) FIELD SURVEY OF PROPERTY BOUNDARY, UTILITIES, EASEMENTS, RIGHT OF WAYS, PHYSICAL STRUCTURES, ETC. BY DENNIS DULL LAND SURVEYING, 120 KLINE AVENUE, NORTH VERSAILLES, PA 15137 PH: (412) 823-0283
- 6) AERIAL TOPOGRAPHIC MAPPING BY THE THRASHER GROUP, INC., 600 WHITE OAK BOULEVARD, P.O. BOX 940, BRIDGEPORT, WV 26330 PHONE: 1 (800) 273-6541. DATE OF AERIAL PHOTOGRAPHY: 4-20-22

**UTILITY COMPANIES CONTACTS**

**ELECTRIC:**  
 DUQUESNE LIGHT COMPANY  
 2841 NEW BEAVER AVENUE  
 PITTSBURGH, PA 15233  
 CONTACT:

**WATER:**  
 MUNICIPAL AUTHORITY OF THE BOROUGH OF EDGEWORTH  
 313 BEAVER ROAD  
 SEMICKLEY, PA 15143  
 CONTACT:

**TELEPHONE:**  
 VERIZON PENNSYLVANIA INC.  
 201 STANWIX STREET  
 10TH FLOOR  
 PITTSBURGH, PA 15222  
 CONTACT:

**MUNICIPALITY:**  
 LEET TOWNSHIP  
 198 AMBRIDGE AVENUE  
 FAIR OAKS, PA 15003  
 PHONE: 724-266-2280  
 CONTACT:

**MUNICIPALITY:**  
 BOROUGH OF LEETSDALE  
 373 BEAVER STREET  
 LEETSDALE, PA 15056  
 PHONE: 724-266-4820  
 CONTACT:

**MUNICIPALITY:**  
 BOROUGH OF EDGEWORTH  
 301 BEAVER ROAD  
 EDGEWORTH, PA 15143  
 PHONE: 412-741-2886  
 CONTACT:

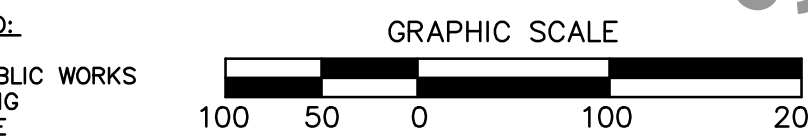
**GAS:**  
 COLUMBIA GAS OF PA, INC.  
 700 W. MERCER AVENUE  
 NEW BRIGHTON, PA 15066  
 CONTACT:

**SANITARY:**  
 LEET TOWNSHIP MUNICIPAL AUTHORITY  
 198 AMBRIDGE AVENUE  
 FAIR OAKS, PA 15003  
 CONTACT:

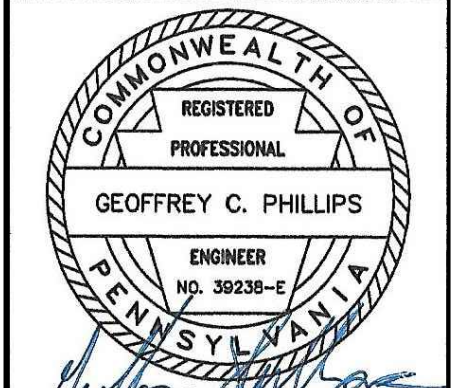
**CABLE:**  
 COMCAST CABLE COMMUNICATION, INC.  
 201 STANWIX STREET  
 10TH FLOOR  
 PITTSBURGH, PA 15222  
 CONTACT:

**CAMP MEETING ROAD:**  
 ALLEGHENY COUNTY DEPARTMENT OF PUBLIC WORKS  
 501 COUNTY BUILDING  
 542 FORBES AVENUE  
 PITTSBURGH, PA 15219  
 PHONE: 412-350-5874  
 CONTACT:

**GOVERNMENTAL CONTACTS**



NO.	REVISION DESCRIPTION
1	
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**DEMOLITION PLAN**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT

1122 MOSSIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4040  
 FAX (412) 825-4042

DRAWN BY:  
 CHECKED BY:

SCALE: 1"=100'  
 DATE: 11/01/23

JOB NUMBER: 22-003

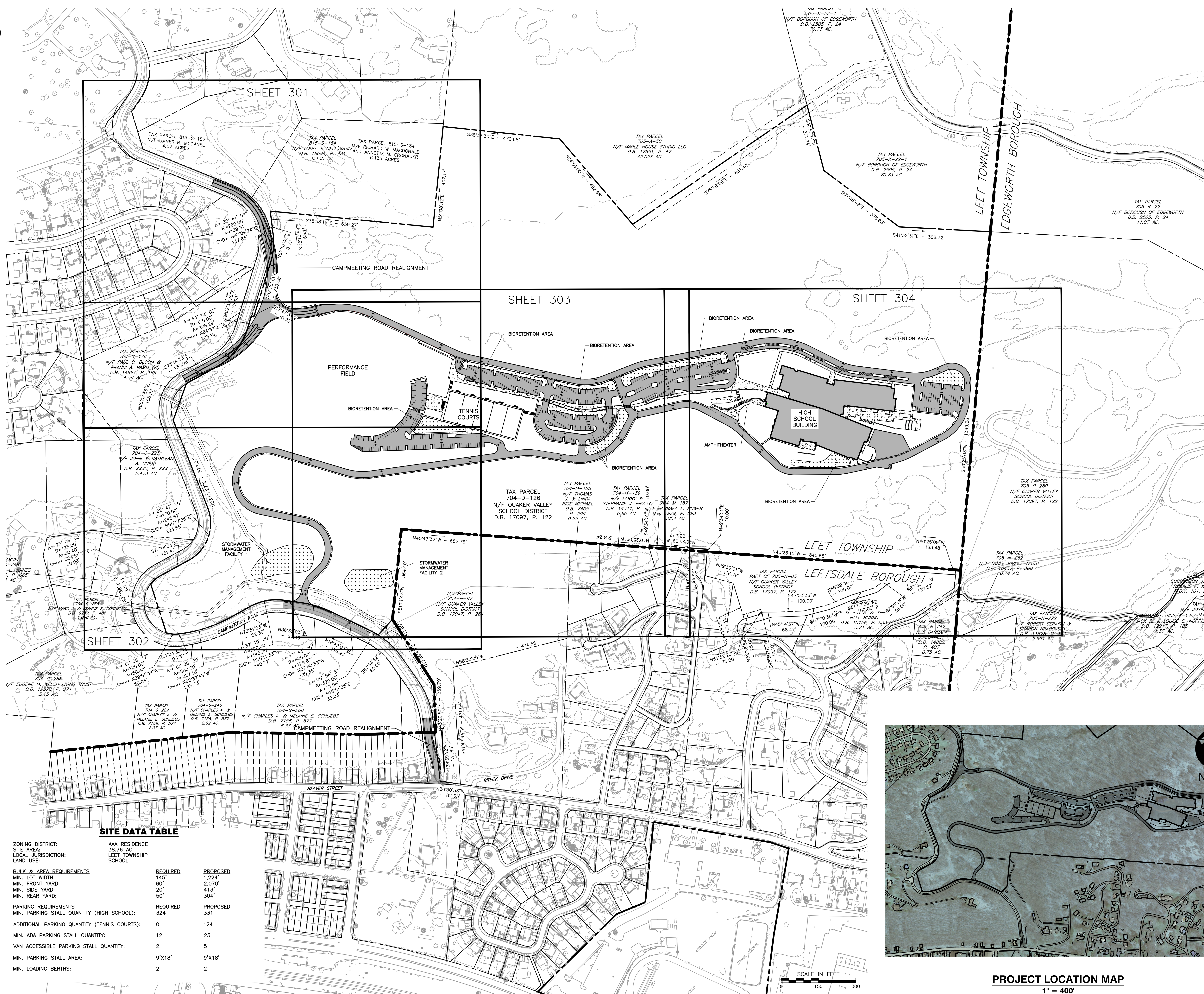
SHEET NUMBER: D100

**SUBMITTAL SET - 11.15.2023**

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 DAYS NOTICE IN DESIGN STAGE.  
 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776



NORTH



**LEGEND**

	EXISTING PROPERTY LINE
	EXISTING INDEX (MAJOR) CONTOUR
	EXISTING INTERMEDIATE (MINOR) CONTOUR
	EXISTING EDGE OF PAVEMENT
	EXISTING STRUCTURE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING UTILITY POLE
	EXISTING FENCE
	PROPOSED EDGE OF PAVED DRIVE
	PROPOSED CONCRETE CURB
	PROPOSED CONCRETE SIDEWALK
	PROPOSED BUILDING
	PROPOSED ASPHALT PAVEMENT
	PROPOSED STORMWATER MANAGEMENT AREA

**b s h m**  
architects, inc.

Youngstown Office  
15 Central Square  
Suite 201  
Youngstown, Ohio 44503  
330.744.4401  
330.744.2370 (fax)

Columbus Office  
1005 Goodale Blvd.  
Columbus, OH 43212  
614.447.8770

**CEC**  
**Civil & Environmental**  
**Consultants, Inc.**  
700 CHEMURTON PARKWAY • HOCH TOWNSHIP, PA 15108  
412-429-2324 • 800-368-2324

# QUAKER VALLEY SCHOOL DISTRICT NEW QUAKER VALLEY HIGH SCHOOL LEETSDALE, PA 15056

Commission: 00000

Drawn: DJZ  
Checked: CJR

Sheet Title: OVERALL SITE PLAN

Revisions:

#	Description	Revision Date

Date: NOVEMBER 15, 2023

C200

**SITE DATA TABLE**

ZONING DISTRICT:	AAA RESIDENCE
SITE AREA:	38.76 AC.
LOCAL JURISDICTION:	LEET TOWNSHIP
LAND USE:	SCHOOL

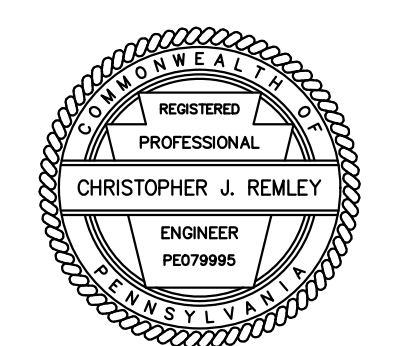
<b>BULK &amp; AREA REQUIREMENTS</b>	<b>REQUIRED</b>	<b>PROPOSED</b>
MIN. LOT WIDTH:	145'	1,224'
MIN. FRONT YARD:	60'	2,070'
MIN. SIDE YARD:	413'	413'
MIN. REAR YARD:	50'	304'

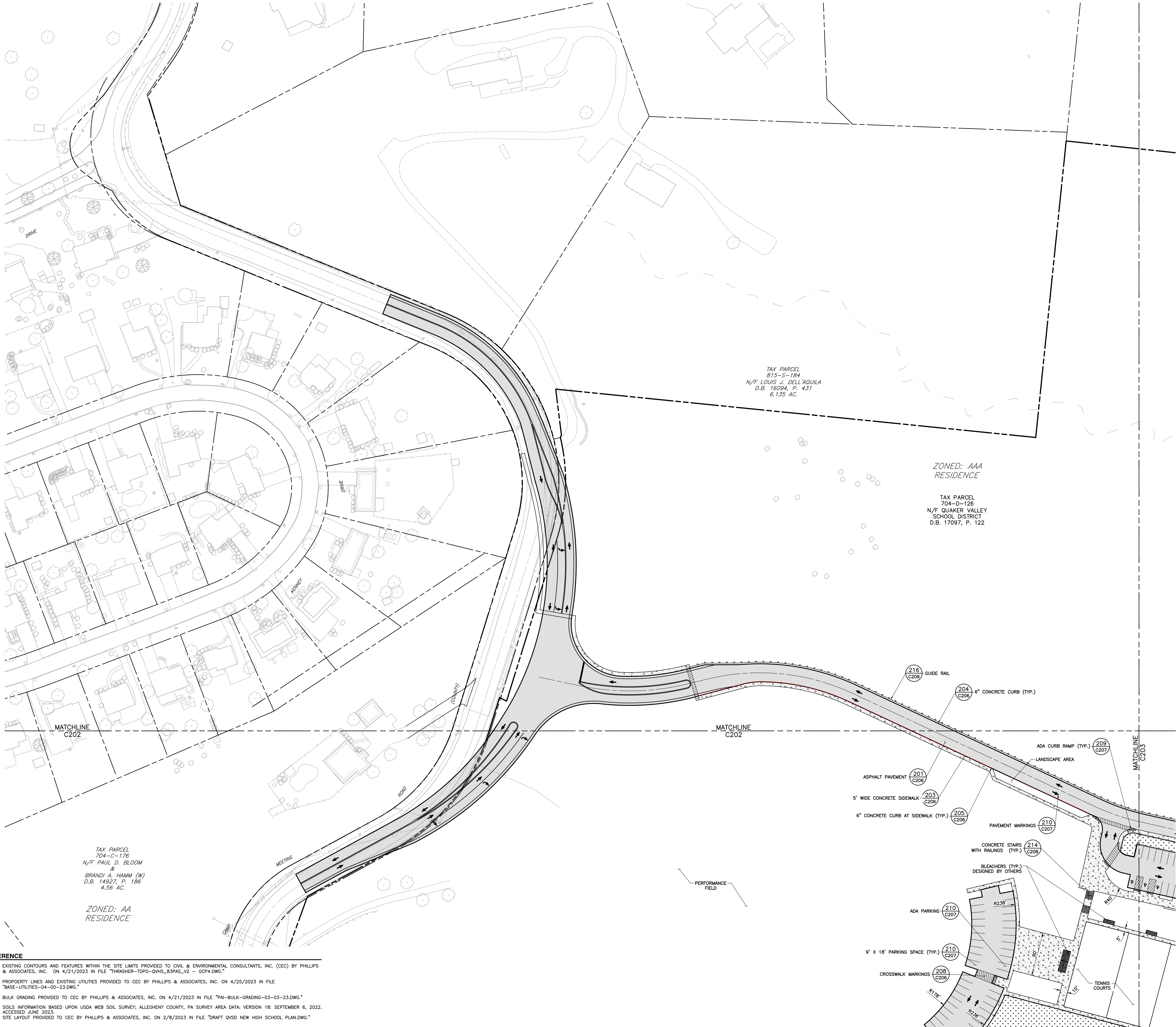
  

<b>PARKING REQUIREMENTS</b>	<b>REQUIRED</b>	<b>PROPOSED</b>
MIN. PARKING STALL QUANTITY (HIGH SCHOOL):	324	331
ADDITIONAL PARKING QUANTITY (TENNIS COURTS):	0	124
MIN. ADA PARKING STALL QUANTITY:	12	23
VAN ACCESSIBLE PARKING STALL QUANTITY:	2	5
MIN. PARKING STALL AREA:	9'x18'	9'x18'
MIN. LOADING BERTHS:	2	2



**PROJECT LOCATION MAP**  
1" = 400'





**LEGEND**

	EXISTING PROPERTY LINE
	EXISTING INDEX (MAJOR) CONTOUR
	EXISTING INTERMEDIATE (MINOR) CONTOUR
	EXISTING EDGE OF PAVEMENT
	EXISTING STRUCTURE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING UTILITY POLE
	EXISTING FENCE
	EXISTING STREAM
	PROPOSED EDGE OF PAVED DRIVE
	PROPOSED CONCRETE CURB
	PROPOSED CONCRETE SIDEWALK
	PROPOSED BUILDING
	PROPOSED ASPHALT PAVEMENT
	PROPOSED RETAINING WALL
	PROPOSED PAVEMENT MARKINGS
	PROPOSED ADA PARKING SPACE
	PROPOSED STRIPING
	PROPOSED ADA CURB RAMP
	PROPOSED GUIDE RAIL
	PROPOSED STORMWATER MANAGEMENT AREA

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Youngstown, Ohio 44503  
330.744.4401  
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**QUAKER VALLEY SCHOOL DISTRICT**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
**LEETSDALE, PA 15056**

TAX PARCEL  
815-S-184  
N/F LOUIS J. DELL'AQUILA  
D.B. 16094, P. 431  
6.135 AC.

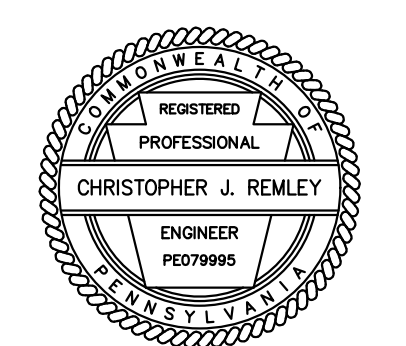
ZONED: AAA  
RESIDENCE

TAX PARCEL  
704-D-126  
N/F QUAKER VALLEY  
SCHOOL DISTRICT  
D.B. 17097, P. 122

TAX PARCEL  
704-C-176  
N/F PAUL D. BLOOM  
&  
BRANDI A. HAMM (W)  
D.B. 14927, P. 186  
4.56 AC.

ZONED: AA  
RESIDENCE

- REFERENCE**
- EXISTING CONTOURS AND FEATURES WITHIN THE SITE LIMITS PROVIDED TO CIVIL & ENVIRONMENTAL CONSULTANTS, INC. (CEC) BY PHILLIPS & ASSOCIATES, INC. ON 4/21/2023 IN FILE "THRASHER-TOPO-QVHS\_83PAS\_V2 - GCP4.DWG."
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  - SITE LAYOUT PROVIDED TO CEC BY PHILLIPS & ASSOCIATES, INC. ON 2/8/2023 IN FILE "DRAFT QVSD NEW HIGH SCHOOL PLAN.DWG."



Commission 00000  
Owner DJZ  
Designer CJR

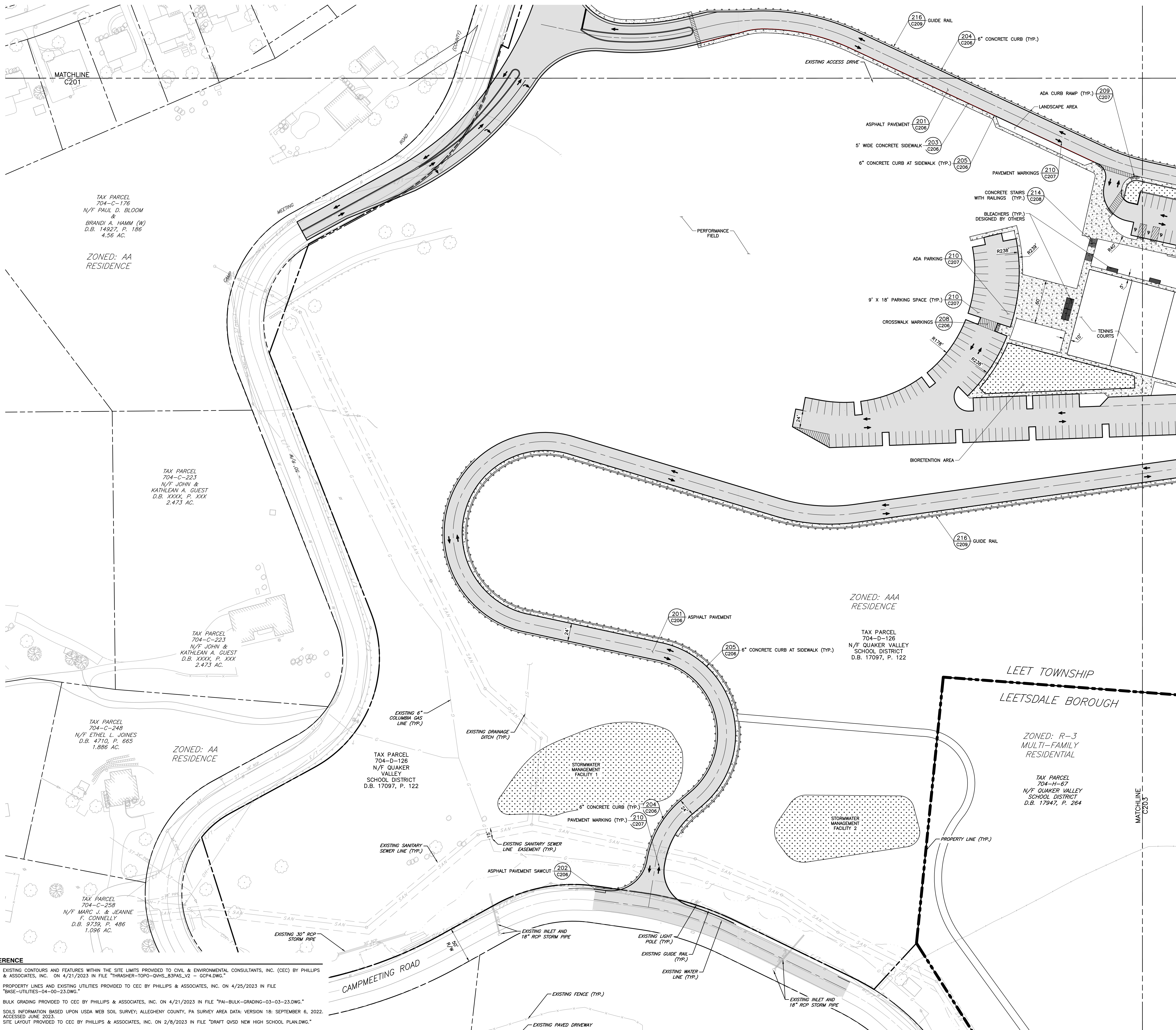
Sheet Title: PRELIMINARY SITE PLAN

Revisions	#	Description	Revision Date

Date: NOVEMBER 15, 2023

C201



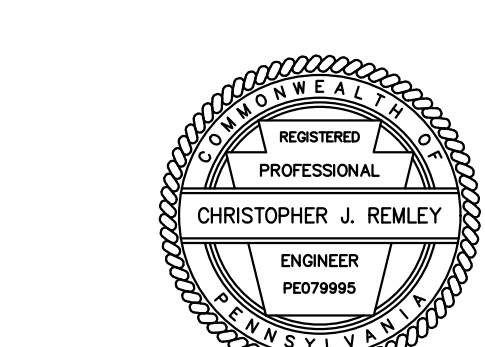


**LEGEND**

	EXISTING PROPERTY LINE
	EXISTING INDEX (MAJOR) CONTOUR
	EXISTING INTERMEDIATE (MINOR) CONTOUR
	EXISTING EDGE OF PAVEMENT
	EXISTING STRUCTURE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING UTILITY POLE
	EXISTING FENCE
	EXISTING STREAM
	PROPOSED EDGE OF PAVED DRIVE
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	PROPOSED RETAINING WALL
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	PROPOSED ADA PARKING SPACE
	PROPOSED STRIPING
	PROPOSED ADA CURB RAMP
	PROPOSED GUIDE RAIL
	PROPOSED STORMWATER MANAGEMENT AREA

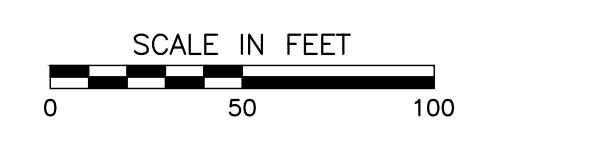


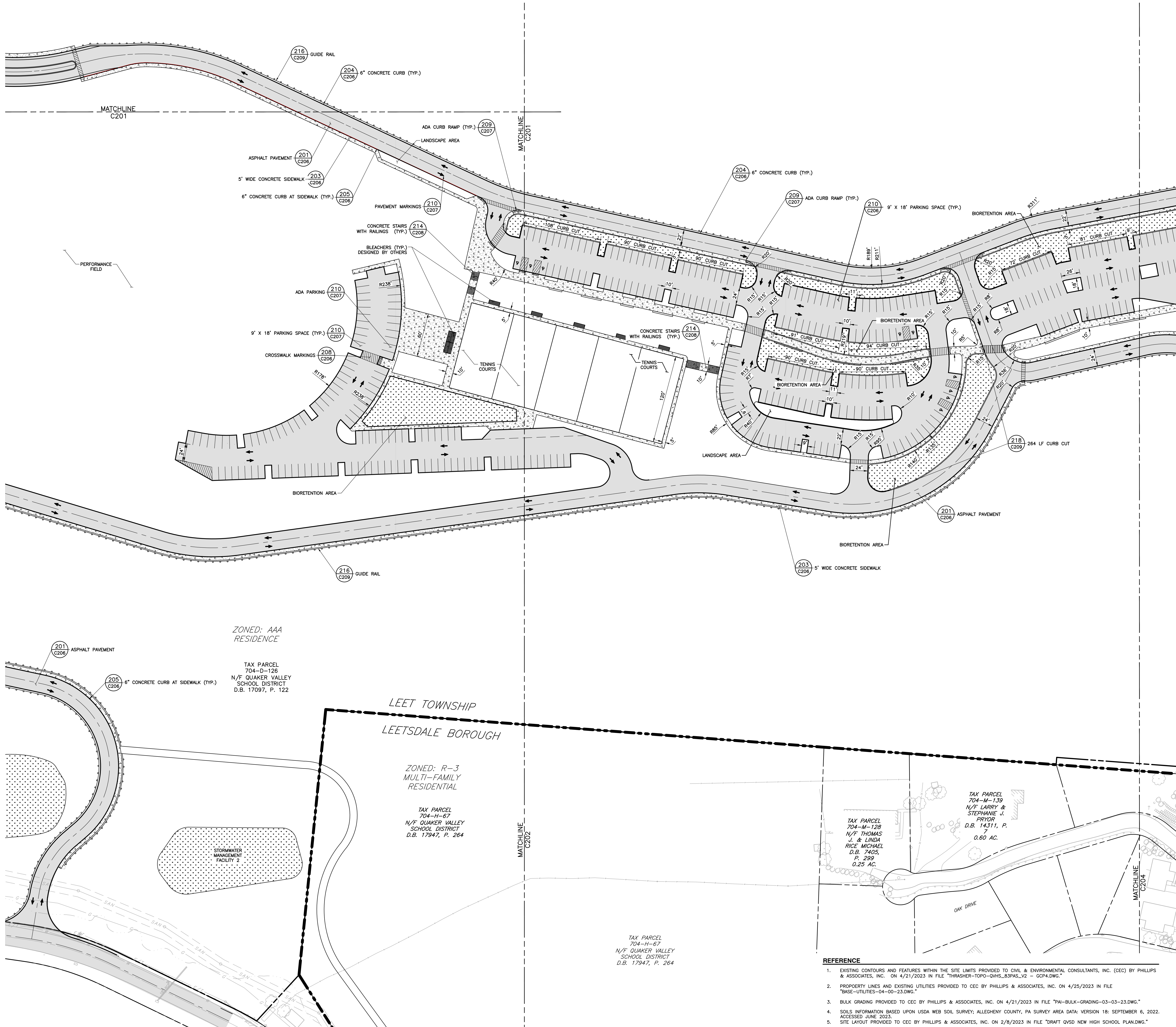
**QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056**



Commission	00000
Owner	DJZ
Designer	CJR
Sheet Title	PRELIMINARY SITE PLAN
Revisions	# Description Revision Date
Drawn By	
Checked By	
Date	NOVEMBER 15, 2023

- REFERENCE**
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**LEGEND**

	EXISTING PROPERTY LINE
	EXISTING INDEX (MAJOR) CONTOUR
	EXISTING INTERMEDIATE (MINOR) CONTOUR
	EXISTING EDGE OF PAVEMENT
	EXISTING STRUCTURE
	EXISTING OVERHEAD ELECTRIC LINE
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	EXISTING FENCE
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	PROPOSED ADA PARKING SPACE
	PROPOSED STRIPING
	PROPOSED ADA CURB RAMP
	PROPOSED GUIDE RAIL
	PROPOSED STORMWATER MANAGEMENT AREA

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Suite 200  
Youngstown, Ohio 44503  
330.744.4801  
330.744.2370 (fax)

Columbus Office  
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614.447.9770

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**QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056**

ZONED: AAA  
RESIDENCE

TAX PARCEL  
704-D-126  
N/F QUAKER VALLEY  
SCHOOL DISTRICT  
D.B. 17997, P. 122

LEET TOWNSHIP  
LEETSDALE BOROUGH

ZONED: R-3  
MULTI-FAMILY  
RESIDENTIAL

TAX PARCEL  
704-H-67  
N/F QUAKER VALLEY  
SCHOOL DISTRICT  
D.B. 17947, P. 264

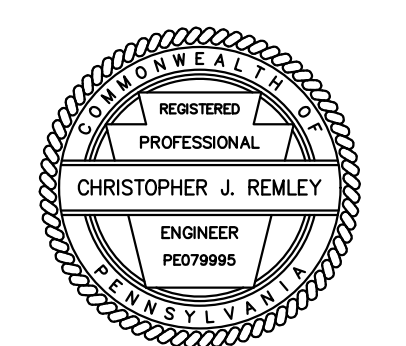
TAX PARCEL  
704-M-139  
N/F LARRY &  
STEPHANIE J.  
PRYOR  
D.B. 14311, P.  
7  
0.60 AC.

TAX PARCEL  
704-M-128  
N/F THOMAS  
J. & LINDA  
RICE MICHAEL  
D.B. 7405,  
P. 299  
0.25 AC.

TAX PARCEL  
704-H-67  
N/F QUAKER VALLEY  
SCHOOL DISTRICT  
D.B. 17947, P. 264

**REFERENCE**

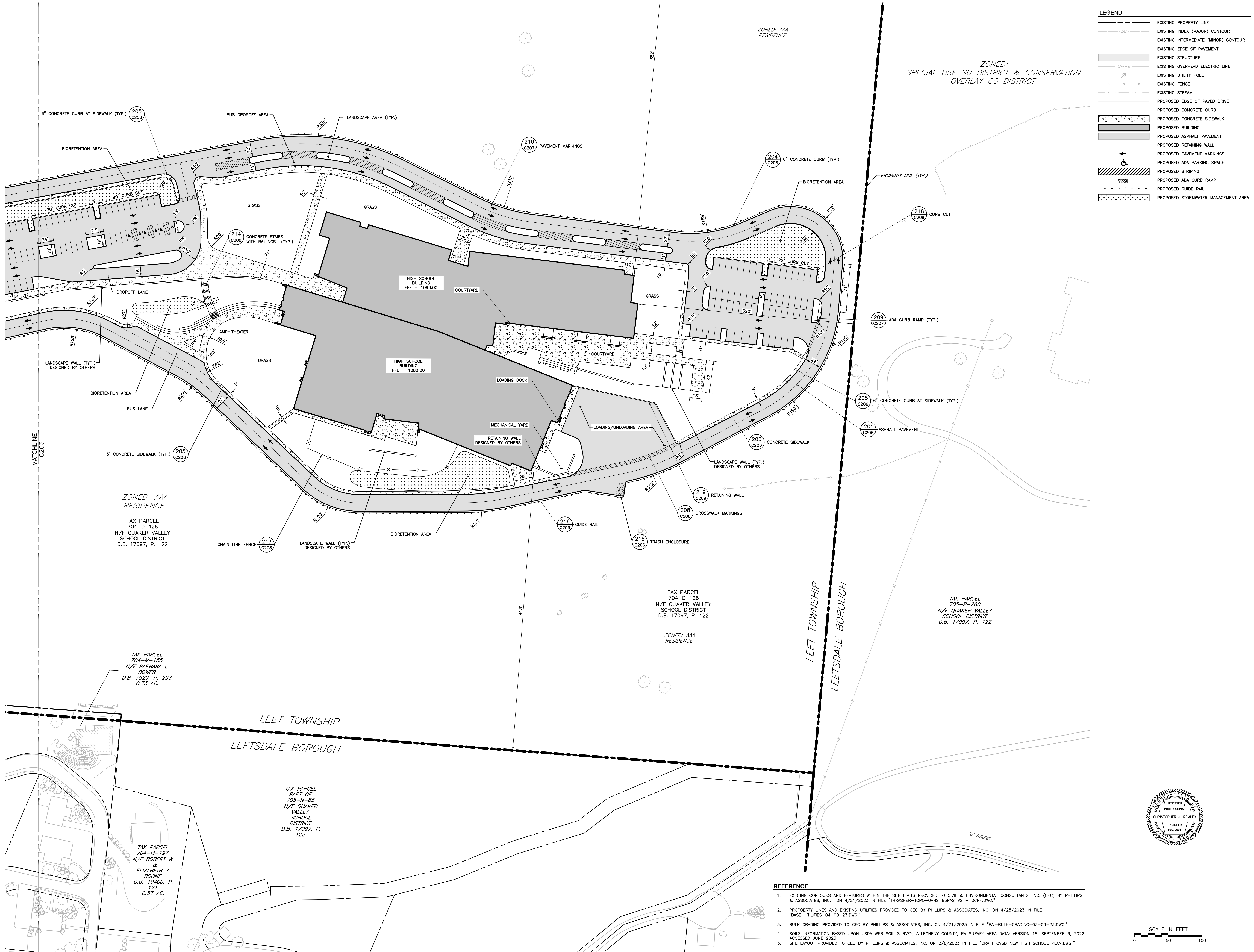
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Commission	00000	
Owner	CJR	
Designer	DJZ	
Sheet Title	PRELIMINARY SITE PLAN	
Revisions	# Description Revision Date	
Date	NOVEMBER 15, 2023	
	C203	



NORTH



**LEGEND**

	EXISTING PROPERTY LINE
	EXISTING INDEX (MAJOR) CONTOUR
	EXISTING INTERMEDIATE (MINOR) CONTOUR
	EXISTING EDGE OF PAVEMENT
	EXISTING STRUCTURE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING UTILITY POLE
	EXISTING FENCE
	EXISTING STREAM
	PROPOSED EDGE OF PAVED DRIVE
	PROPOSED CONCRETE CURB
	PROPOSED CONCRETE SIDEWALK
	PROPOSED BUILDING
	PROPOSED ASPHALT PAVEMENT
	PROPOSED RETAINING WALL
	PROPOSED PAVEMENT MARKINGS
	PROPOSED ADA PARKING SPACE
	PROPOSED STRIPING
	PROPOSED ADA CURB RAMP
	PROPOSED GUIDE RAIL
	PROPOSED STORMWATER MANAGEMENT AREA

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**QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056**

ZONED: AAA  
RESIDENCE  
TAX PARCEL  
704-D-126  
N/F QUAKER VALLEY  
SCHOOL DISTRICT  
D.B. 17097, P. 122

TAX PARCEL  
704-D-126  
N/F QUAKER VALLEY  
SCHOOL DISTRICT  
D.B. 17097, P. 122  
ZONED: AAA  
RESIDENCE

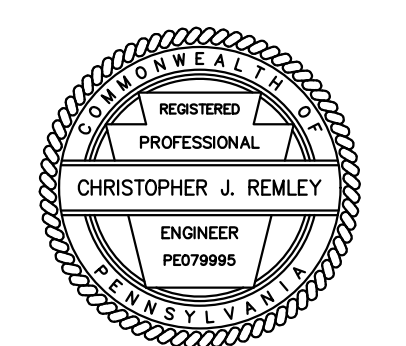
TAX PARCEL  
705-P-280  
N/F QUAKER VALLEY  
SCHOOL DISTRICT  
D.B. 17097, P. 122

TAX PARCEL  
704-M-155  
N/F BARBARA L.  
BOWER  
D.B. 7029, P. 293  
0.73 AC.

TAX PARCEL  
704-M-197  
N/F ROBERT W.  
&  
ELIZABETH Y.  
BOONE  
D.B. 10400, P.  
121  
0.57 AC.

TAX PARCEL  
PART OF  
705-N-85  
N/F QUAKER  
VALLEY  
SCHOOL  
DISTRICT  
D.B. 17097, P.  
122

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Commission 00000  
Owner DJZ  
Designer CJR

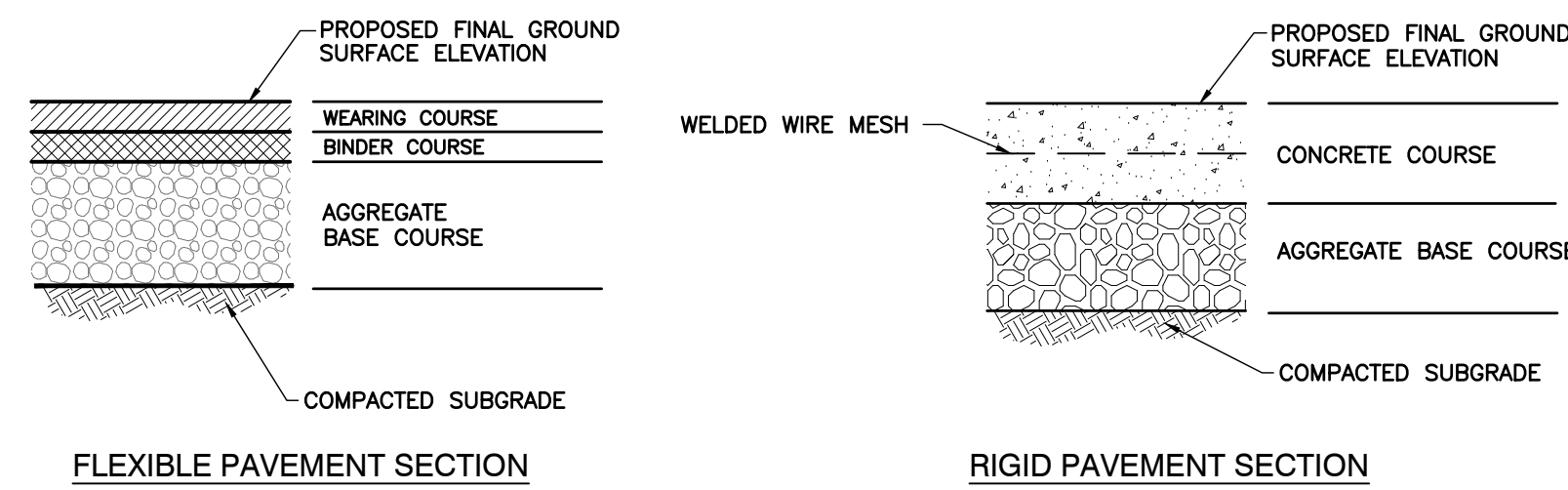
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**PRELIMINARY  
SITE PLAN**

Revisions  
# Description Revision Date

Date  
NOVEMBER 15, 2023

Scale  
SCALE IN FEET  
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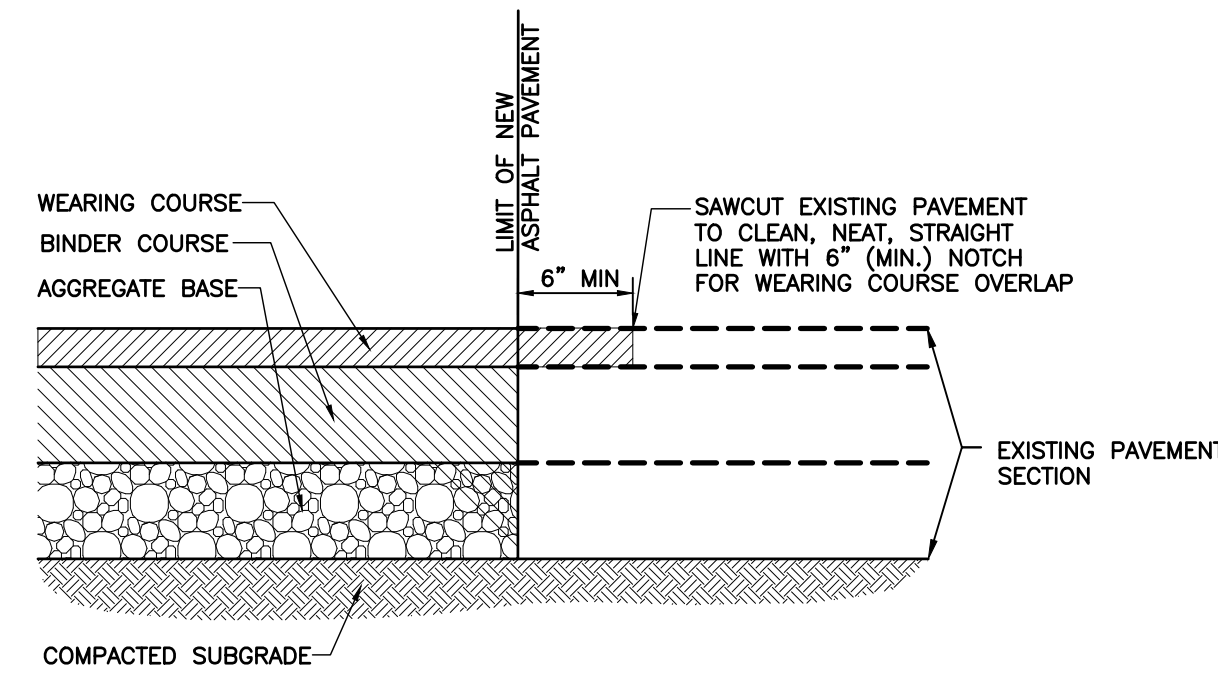
Sheet No.  
**C204**



FLEXIBLE PAVEMENT				
PENNDOT PUBLICATION 408	ITEM	*STANDARD DUTY PAVEMENT SECTION	*HEAVY DUTY PAVEMENT SECTION	ASPHALT PEDESTRIAN PATHWAY
SECTION 420, 9.5mm SUPERPAVE MIX	BITUMINOUS WEARING COURSE	1.5"	2.0"	2.0"
SECTION 421, 19mm SUPERPAVE MIX	BITUMINOUS BINDER COURSE	3.0"	4.0"	N/A
SECTION 703, 2A COURSE AGGREGATE	AGGREGATE BASE COURSE	6.0"	8.0"	6.0"

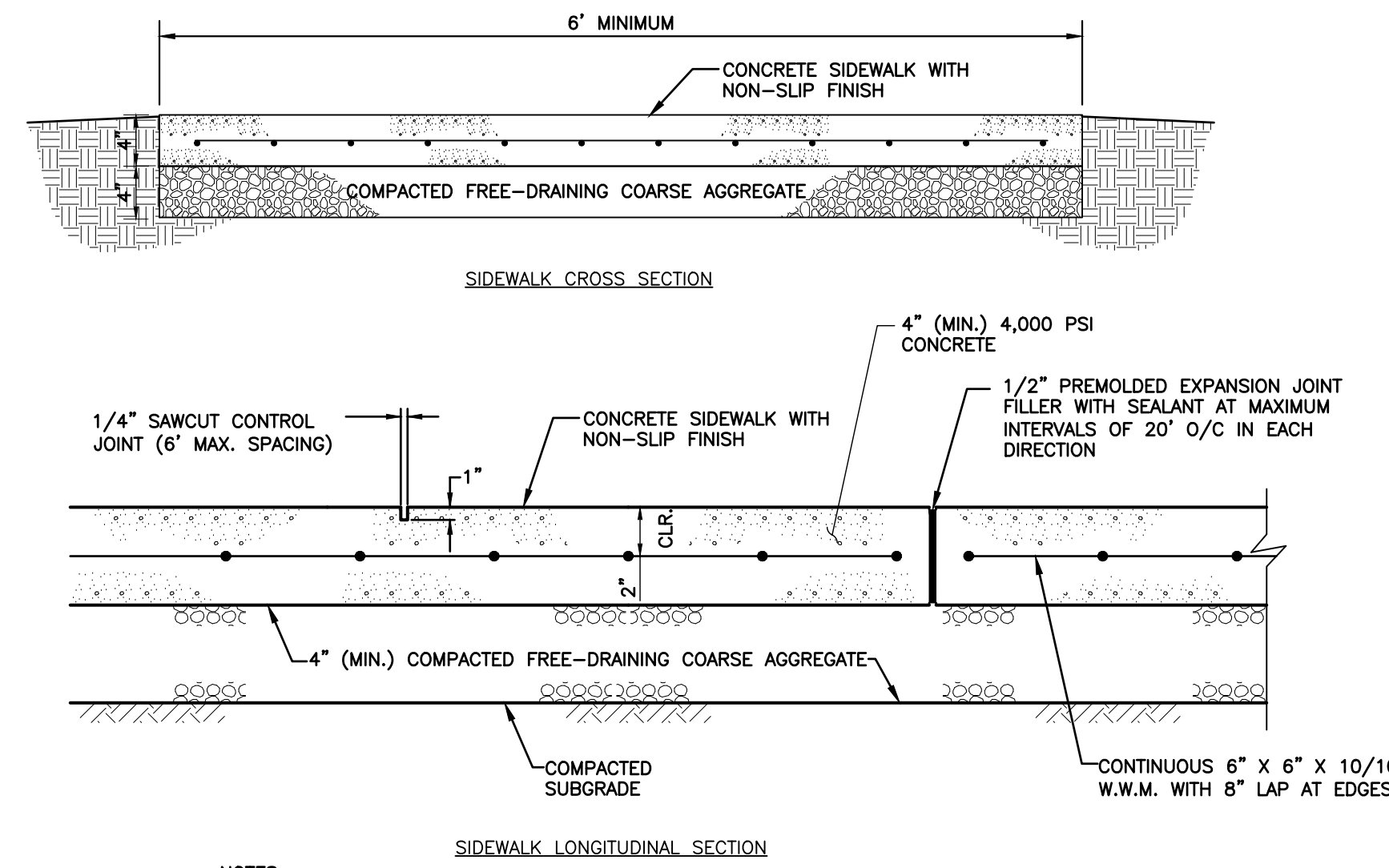
RIGID PAVEMENT			
PENNDOT PUBLICATION 408	ITEM	LIGHT DUTY PAVEMENT SECTION	HEAVY DUTY PAVEMENT SECTION
SECTION 704, TYPE: AAA CONCRETE	CEMENT CONCRETE COURSE	5.0"	5.5"
SECTION 703, 2A COURSE AGGREGATE	AGGREGATE BASE COURSE	6.0"	6.0"

- NOTES:**
- PRIOR TO PLACEMENT OF AGGREGATE, THE PAVEMENT SUBGRADE SHALL BE PREPARED AS FOLLOWS:
    - PAVEMENT SUBGRADE SHALL BE PROFFERED AND COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY AND WITHIN ±2% OF ITS OPTIMUM MOISTURE CONTENT, AS DETERMINED BY ASTM D1557 (MODIFIED PROCTOR). ANY SOFT AREAS SHALL BE OVEREXCAVATED TO A FIRM AND COMPETENT MATERIAL, AND BACKFILLED AS DESCRIBED IN 1B.
    - ALL APPROVED FILL SHALL BE PLACED IN MAXIMUM 8" THICK, LOOSE LIFTS AND COMPACTED TO 95% OF ITS MAXIMUM DRY DENSITY AND WITHIN ±2% OF ITS OPTIMUM MOISTURE CONTENT. THE FILL MATERIAL'S MAXIMUM DRY DENSITY AND OPTIMUM MOISTURE CONTENT SHALL BE DETERMINED BY ASTM D1557 (MODIFIED PROCTOR).
    - AFTER COMPACTION, THE PAVEMENT SUBGRADE SHALL PROVIDE A FIRM UNYIELDING FOUNDATION WITH NO SUDDEN, SHARP OR ABRUPT CHANGES OR BREAKS IN GRADES. NO STANDING WATER OR EXCESS MOISTURE SHALL BE PRESENT. ALL SOFT AND YIELDING AREAS SHALL BE REWORKED BY OVEREXCAVATING TO A FIRM AND COMPETENT MATERIAL, AND BACKFILLED AS DESCRIBED IN 1B.
    - THE SUBGRADE SHALL BE GRADED AND SHAPED AS REQUIRED TO CONSTRUCT THE AGGREGATE BASE COURSE IN CONFORMANCE WITH THE GRADES, LINES AND THICKNESSES SHOWN ON THE DRAWINGS.
  - THE BITUMINOUS COURSES SHALL BE TAPERED INTO THE STORM SEWER INLETS WHILE MAINTAINING FULL PAVEMENT SECTION DEPTH.
  - REINFORCED CONCRETE COURSE SHALL CONTAIN ONE LAYER OF CONTINUOUS #8" 2.9 W.W.M. WITH 8" LAP AT EDGES TO BE PLACED IN CONCRETE AT THE MIDPOINT OF THE CONCRETE PAD. CONCRETE COURSE SHALL BE 4,000 PSI AIR ENTRAINED CONCRETE.



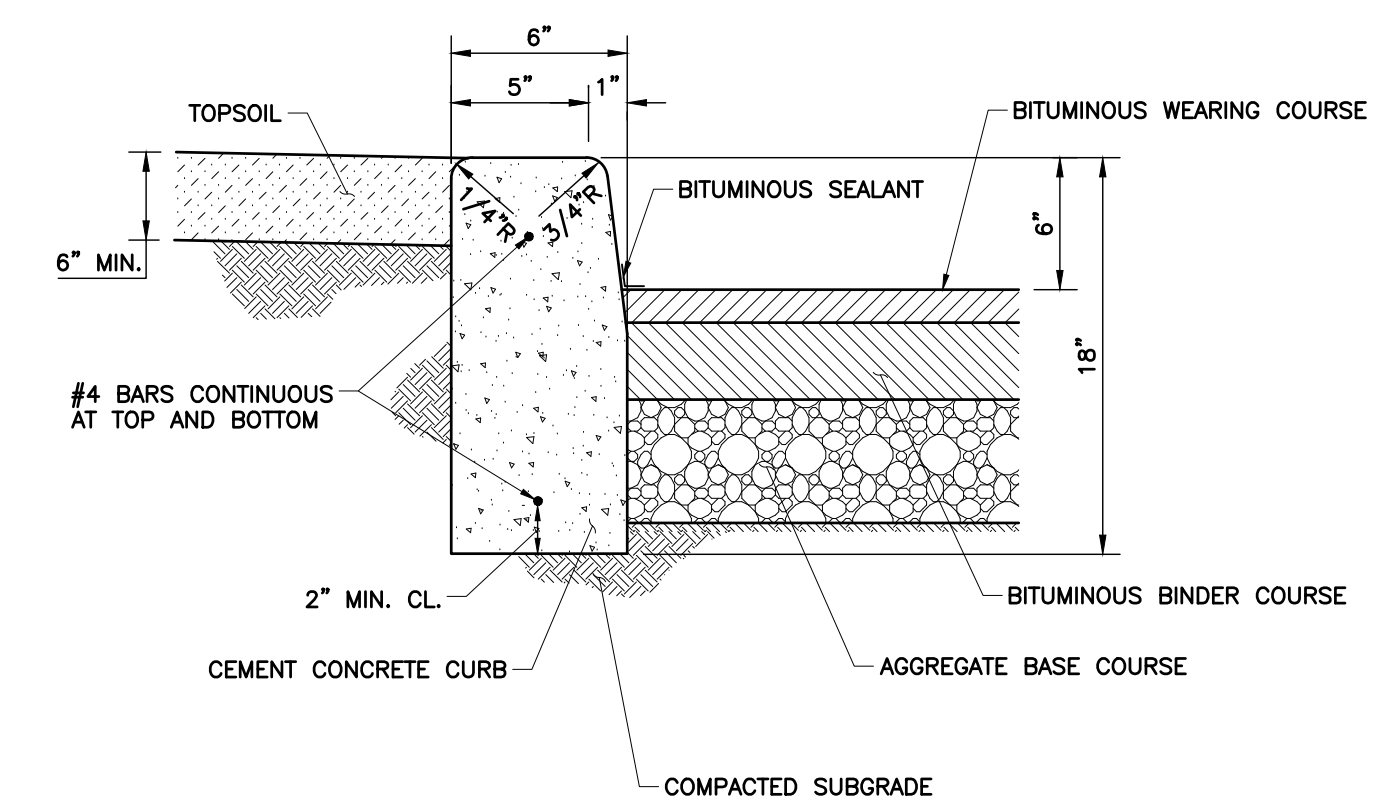
- NOTES:**
- PROVIDE TACK COAT ALONG SAWCUT TO BIND EXISTING PAVEMENT TO NEW PAVEMENT. FOR AREAS WITH PATCHING AND OVERLAY, PROVIDE TACK COAT TO BIND EXISTING PAVEMENT WITH NEW ASPHALT.

**DETAIL 202**  
**PAVEMENT SAWCUT**  
N.T.S.



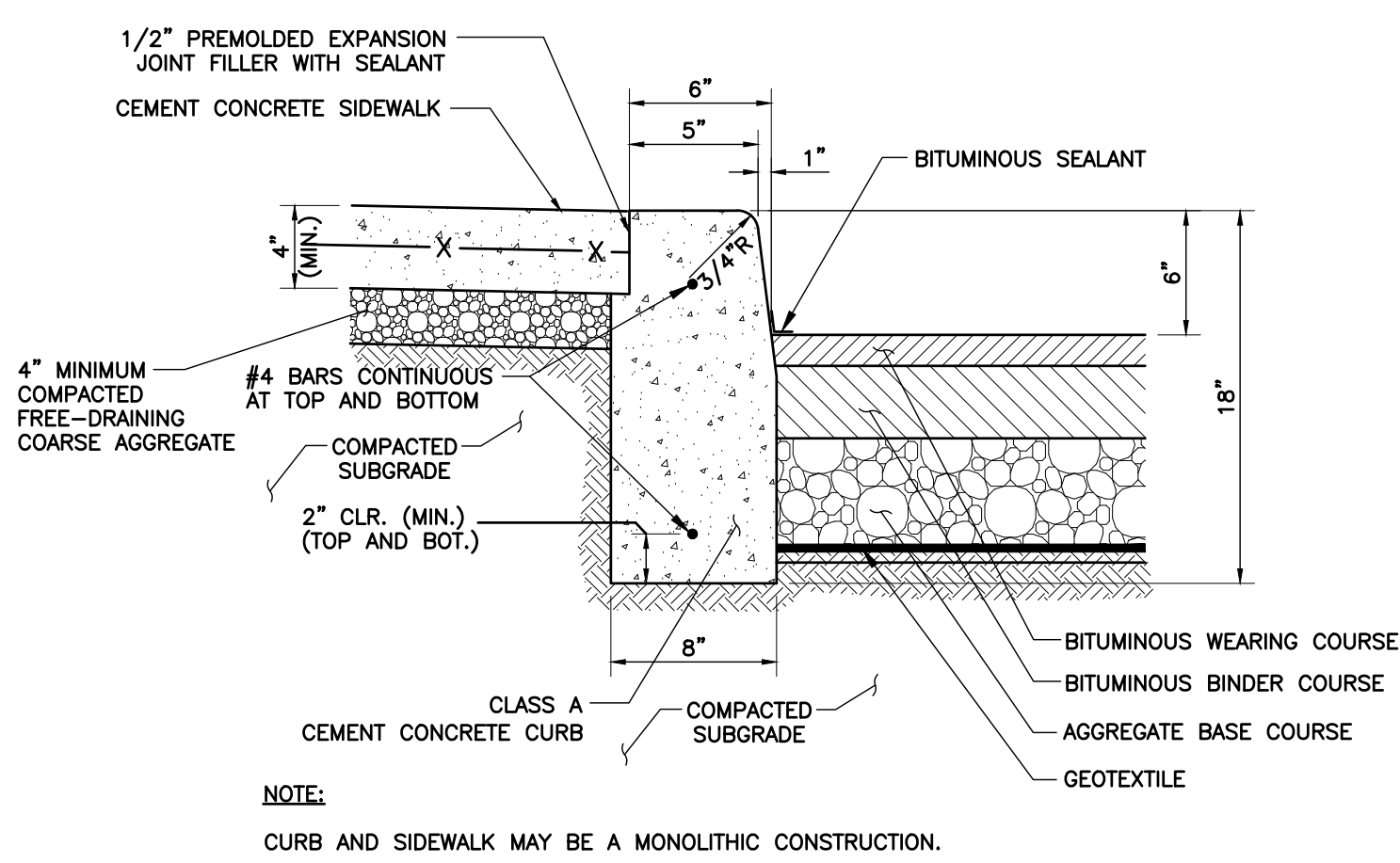
- NOTES:**
- PROVIDE AN 8" HAUNCH AND 1/2" EXPANSION JOINT FILLER WITH SEALANT WHERE THE CONCRETE SIDEWALK ABUTS THE BUILDING.
  - REFER TO THE ARCHITECTURAL SPECIFICATIONS FOR SPECIAL FINISHES, AGGREGATE TREATMENT, COLORS, PATTERN FINISHES, ETC.

**DETAIL 203**  
**CONCRETE SIDEWALK**  
N.T.S.

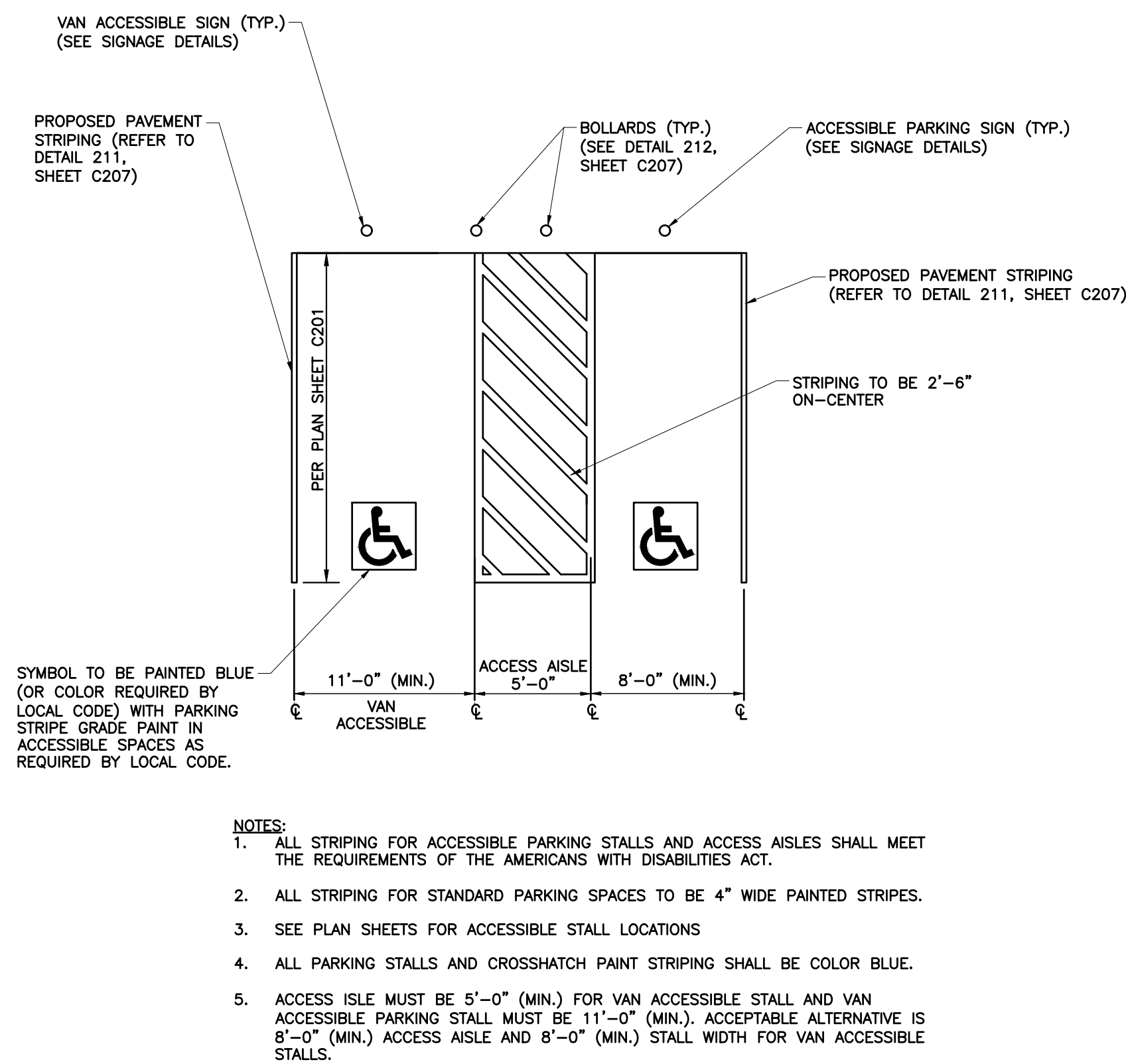


**DETAIL 204**  
**CONCRETE CURB**  
N.T.S.

**DETAIL 201**  
**PAVEMENT SECTIONS**  
N.T.S.

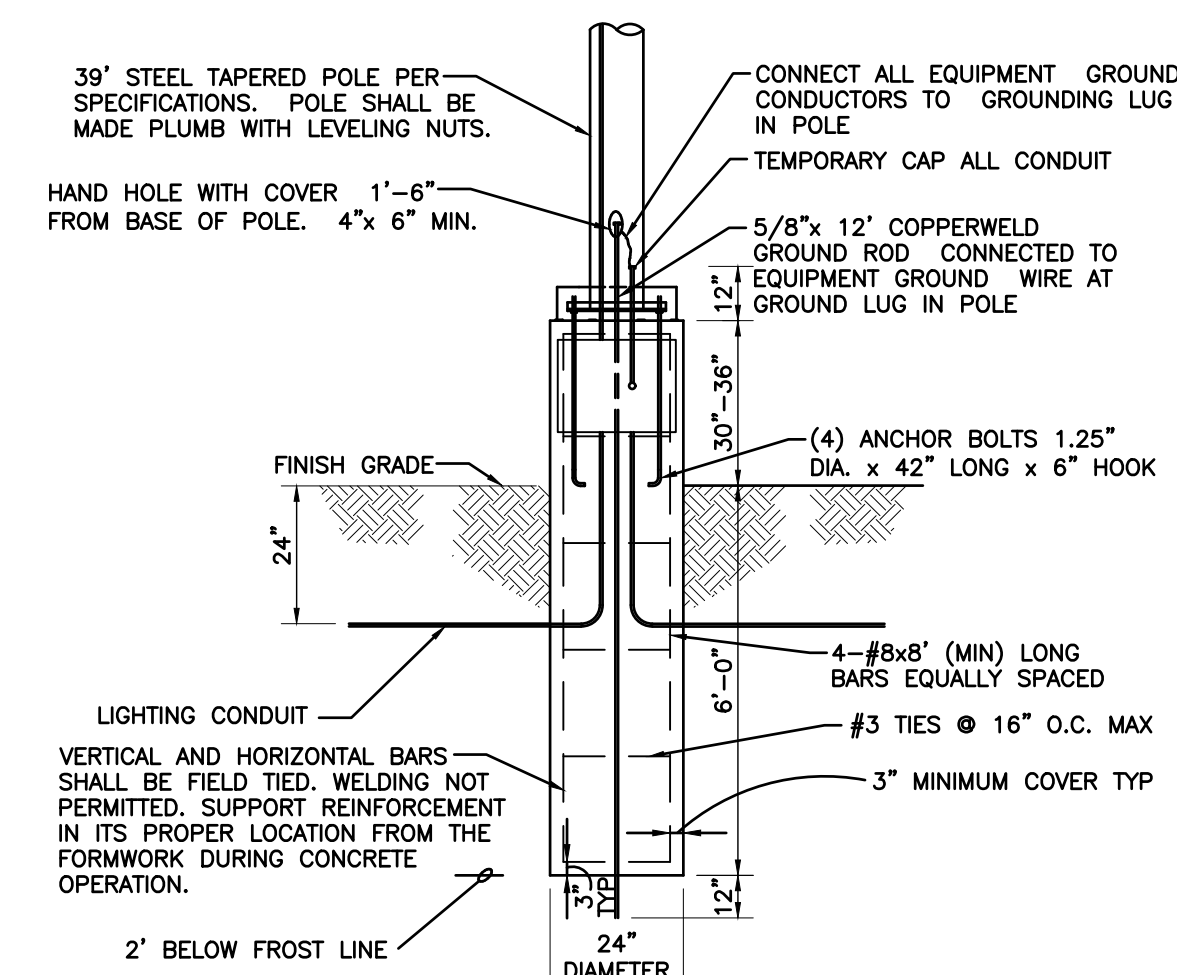


**DETAIL 205**  
**CONCRETE CURB AT SIDEWALK**  
N.T.S.



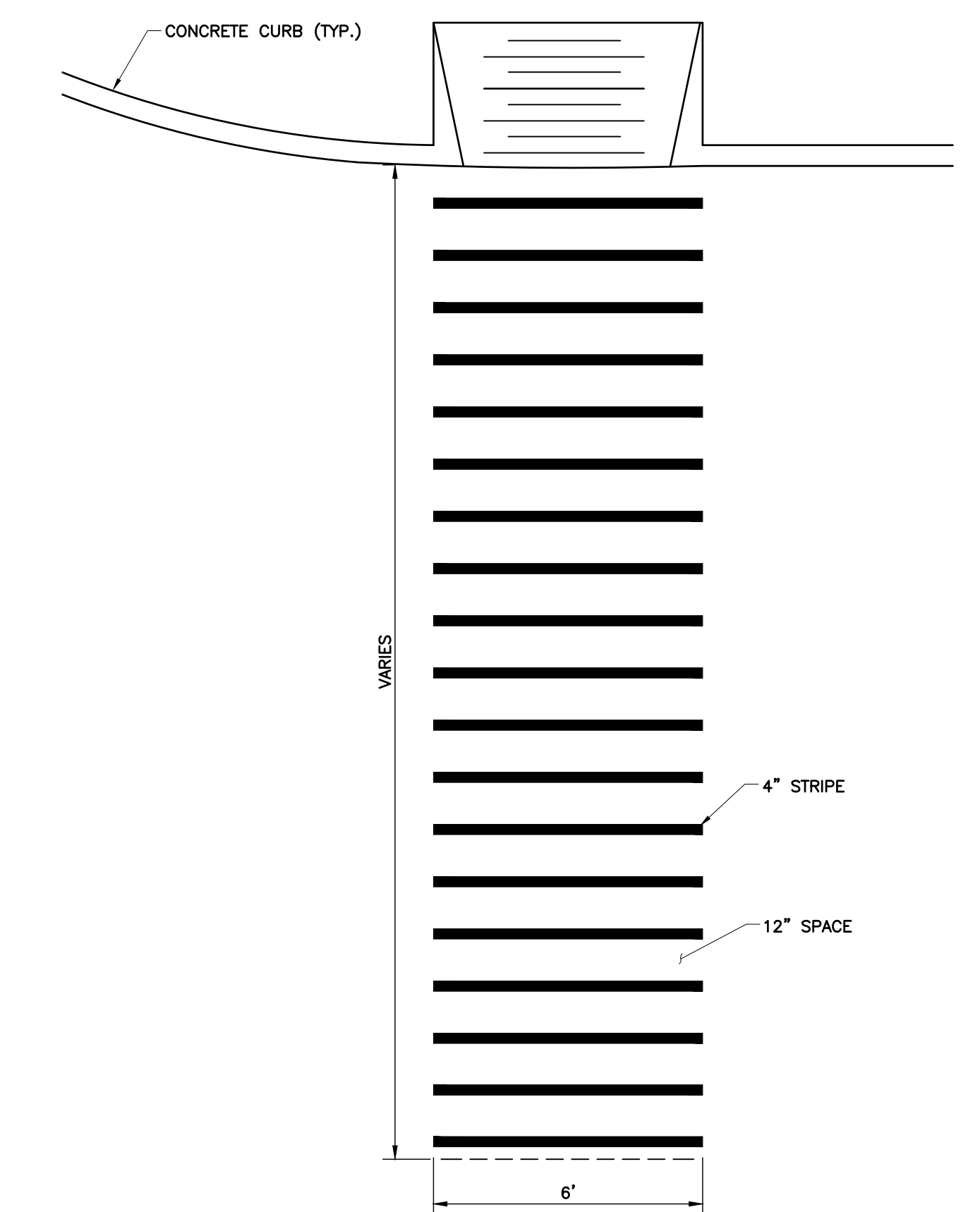
- NOTES:**
- ALL STRIPING FOR ACCESSIBLE PARKING STALLS AND ACCESS AISLES SHALL MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.
  - ALL STRIPING FOR STANDARD PARKING SPACES TO BE 4" WIDE PAINTED STRIPES.
  - SEE PLAN SHEETS FOR ACCESSIBLE STALL LOCATIONS.
  - ALL PARKING STALLS AND CROSSHATCH PAINT STRIPING SHALL BE COLOR BLUE.
  - ACCESS ISLE MUST BE 5'-0" (MIN.) FOR VAN ACCESSIBLE STALL AND VAN ACCESSIBLE PARKING STALL MUST BE 11'-0" (MIN.). ACCEPTABLE ALTERNATIVE IS 8'-0" (MIN.) ACCESS AISLE AND 8'-0" (MIN.) STALL WIDTH FOR VAN ACCESSIBLE STALLS.

**DETAIL 206**  
**TYPICAL ACCESSIBLE PARKING SPACE MARKING DETAIL**  
N.T.S.



- NOTES:**
- ALL LIGHT POLE BASE FOUNDATIONS SHALL BE CAST-IN-PLACE CONCRETE, 3500 PSI MIN. 28 DAY COMPRESSIVE STRENGTH CONCRETE WITH GRADE 60 REINFORCING STEEL.
  - IF WATER IS PRESENT IN EXCAVATED HOLE, REMOVE BEFORE POURING CONCRETE.
  - FOUNDATION EXCAVATION SHALL BE BY 24" AUGER IN UNDISTURBED OR PROPERLY COMPACTED FILL PER SPECIFICATIONS.
  - FOUNDATION SHALL HAVE A MINIMUM ALLOWABLE END BEARING OF 2000 PSF.
  - FOUNDATION HAS BEEN DESIGNED FOR A COHESIVE SOIL BASED ON A MINIMUM COHESIVE VALUE OF 1000 PSF.
  - FOUNDATION HAS BEEN DESIGNED FOR A GRANULAR SOIL BASED ON A MINIMUM LATERAL SOIL PRESSURE OF 1000 PSF, UTILIZING ASHOTO FIGURE 1.8.2C(4) OF "EMBEDMENT OF POSTS WITH OVERTURNING LOADS".

**DETAIL 207**  
**SITE LIGHTING POLE BASE**  
N.T.S.

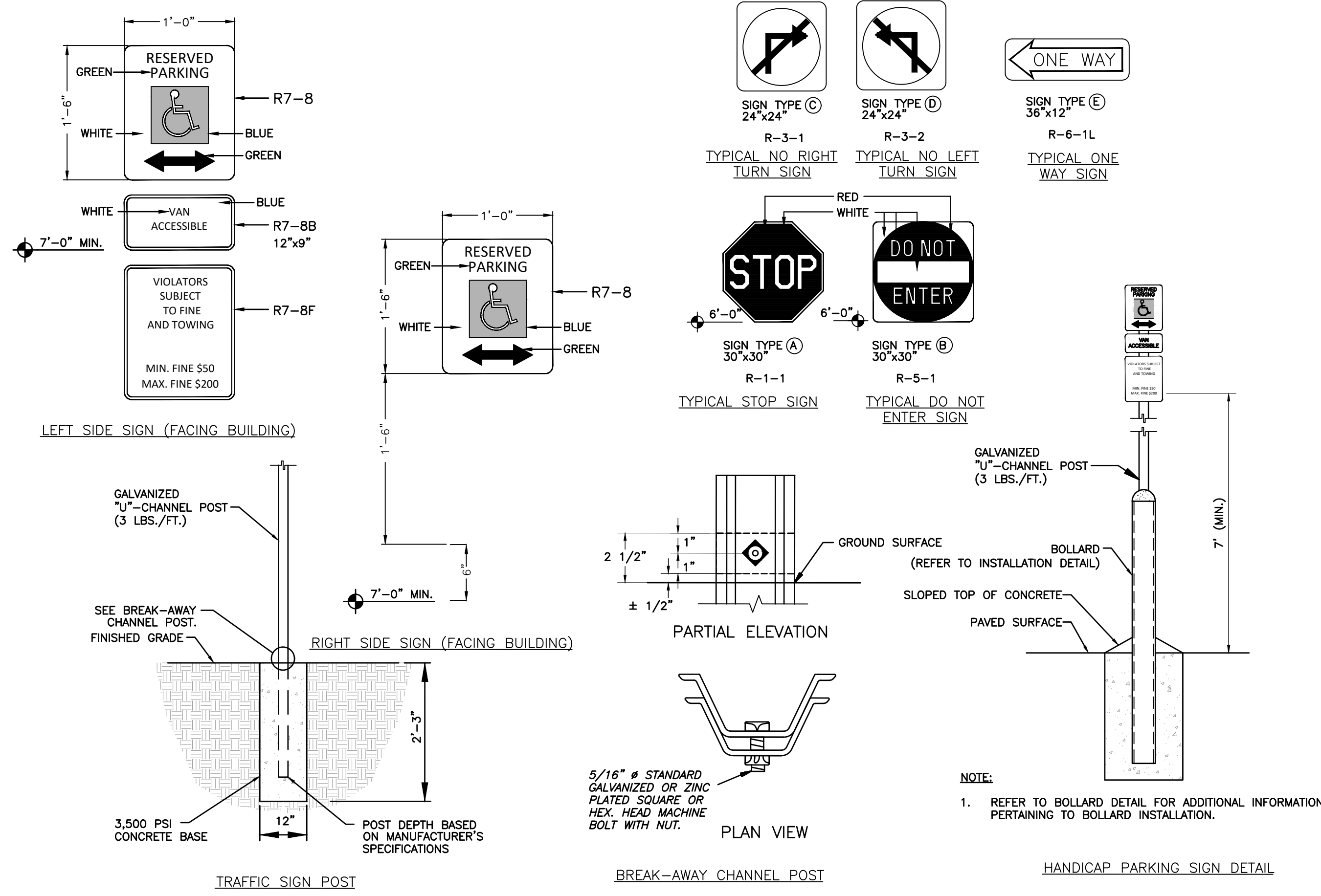


- NOTES:**
- MARKINGS FOR STREET SHALL BE ACCORDING TO REQUIREMENTS AS OUTLINED IN SECTION 3B OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
  - THESE MARKINGS ARE TO BE PAINTED REFLECTIVE WHITE.

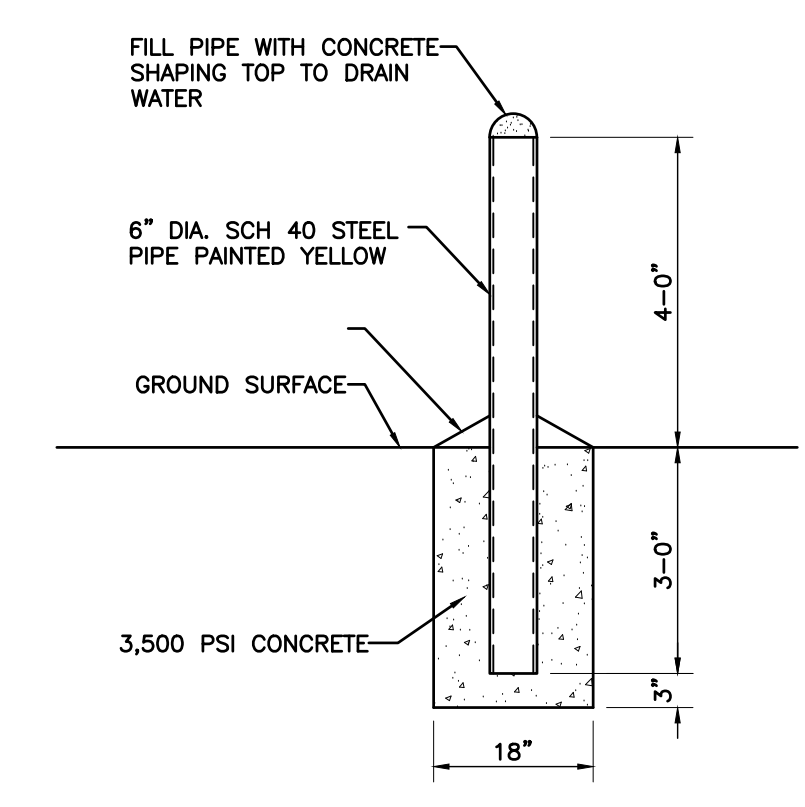
**DETAIL 208**  
**CROSSWALK MARKINGS**  
N.T.S.



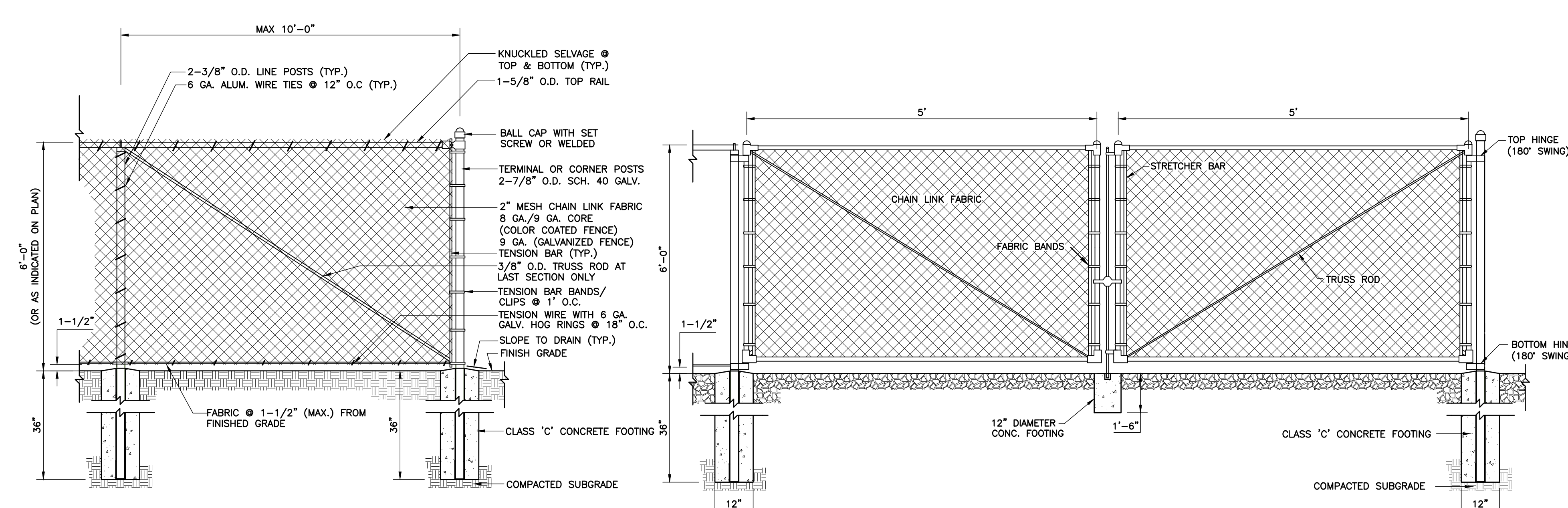




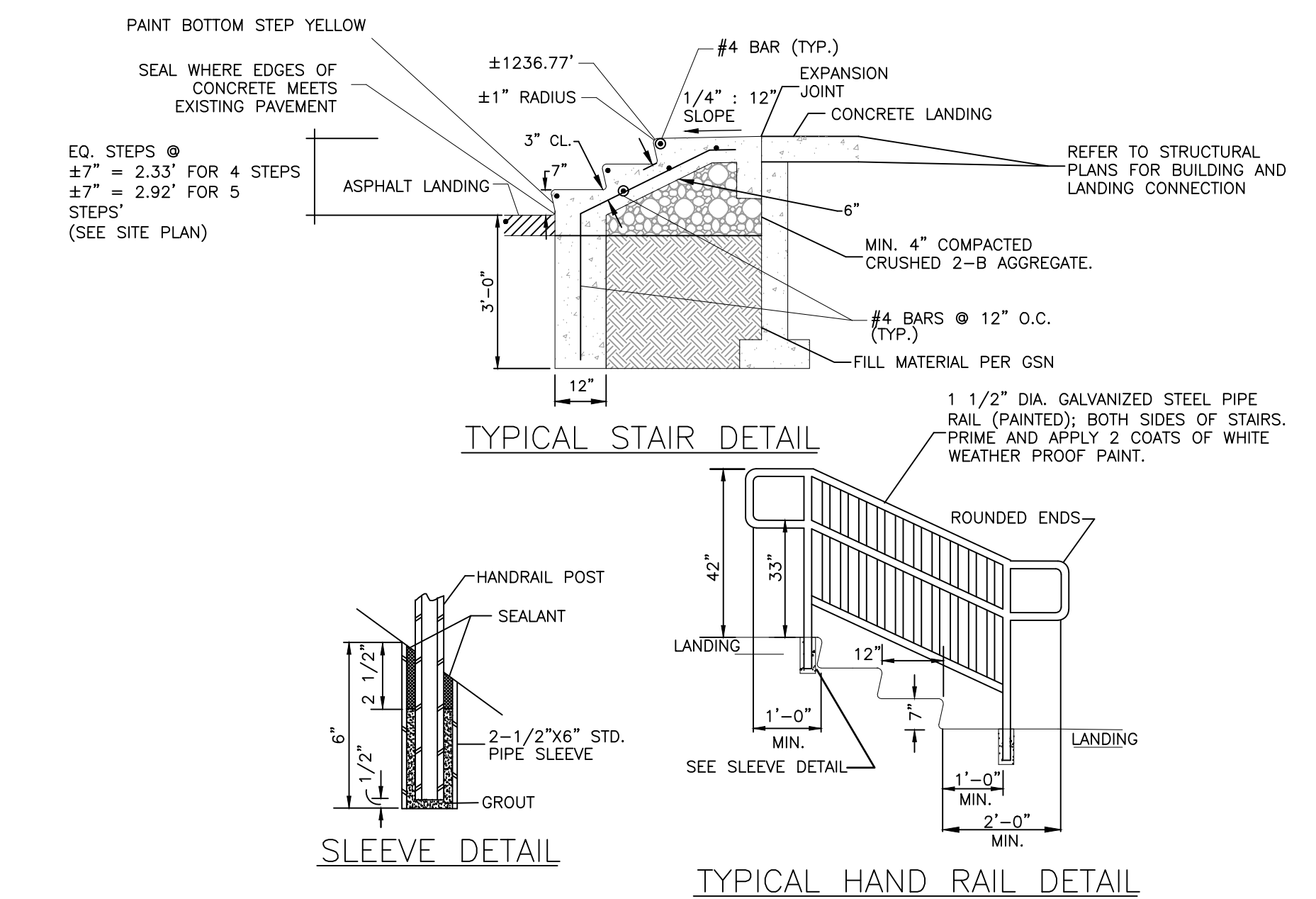
**DETAIL 211**  
**211** TRAFFIC SIGNS  
C208 N.T.S.



**DETAIL 212**  
**212** BOLLARD  
C208 N.T.S.



**DETAIL 213**  
**213** CHAIN LINK FENCE AND GATE  
C208 N.T.S.



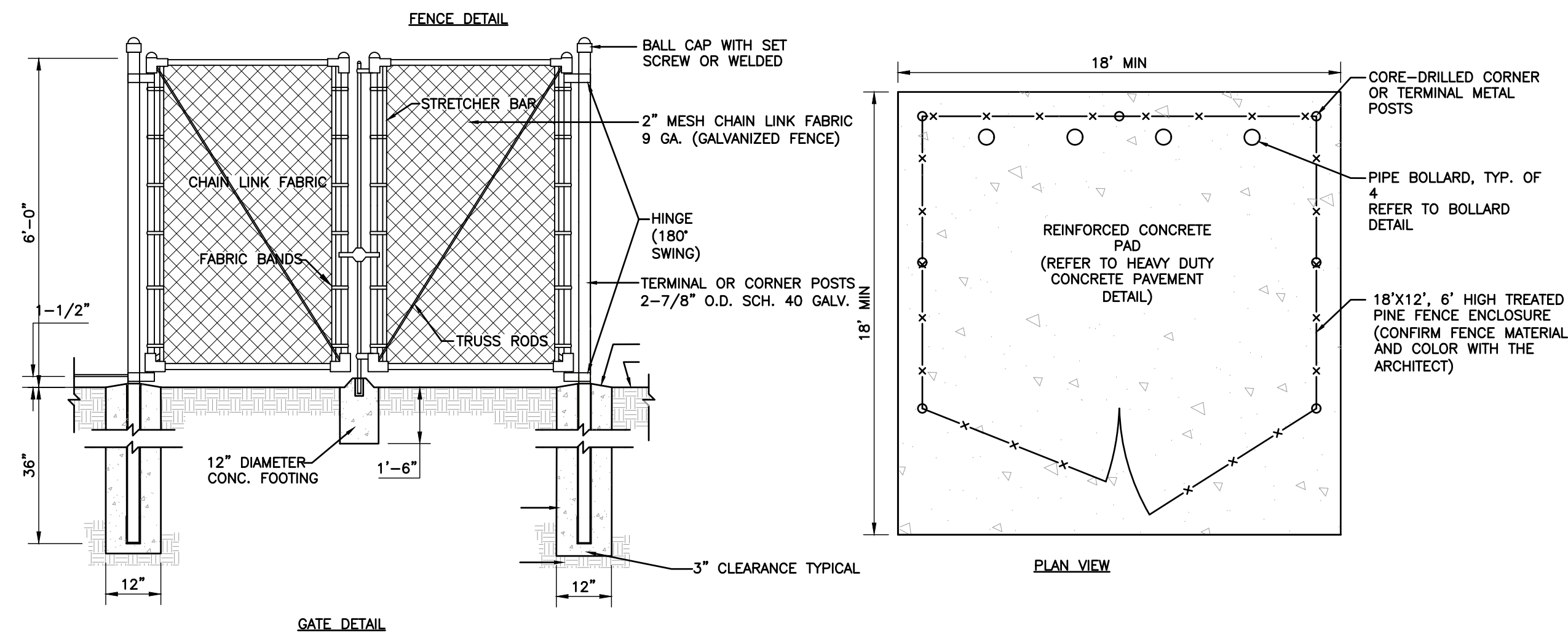
**DETAIL 214**  
**214** CONCRETE STAIRS WITH RAILINGS  
C208 N.T.S.

QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056

Commission	00000
Drawn	CJZ
Checked	CJR
Sheet Title	CONSTRUCTION DETAILS

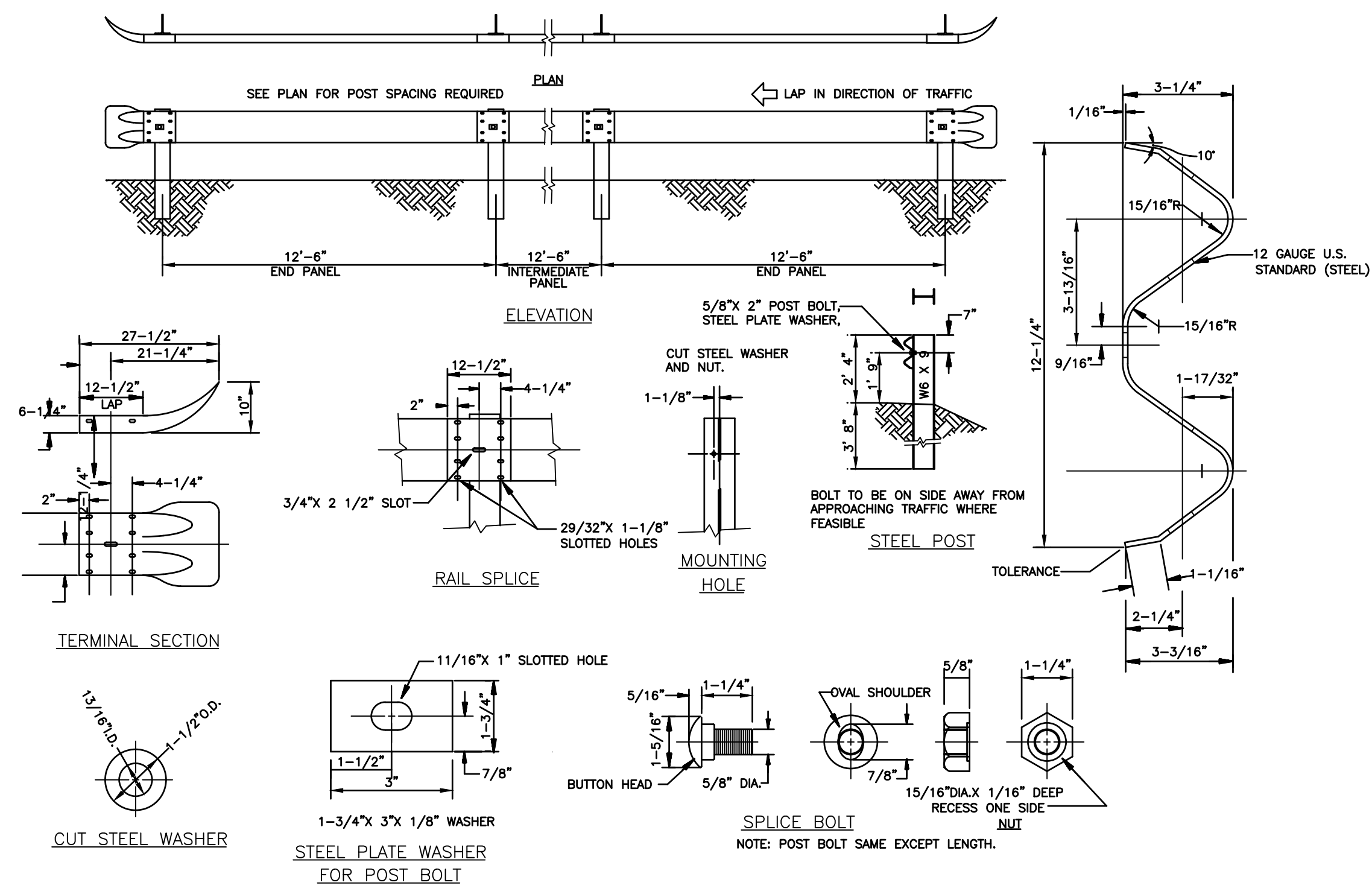
Revisions	Description	Revision Date

QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056

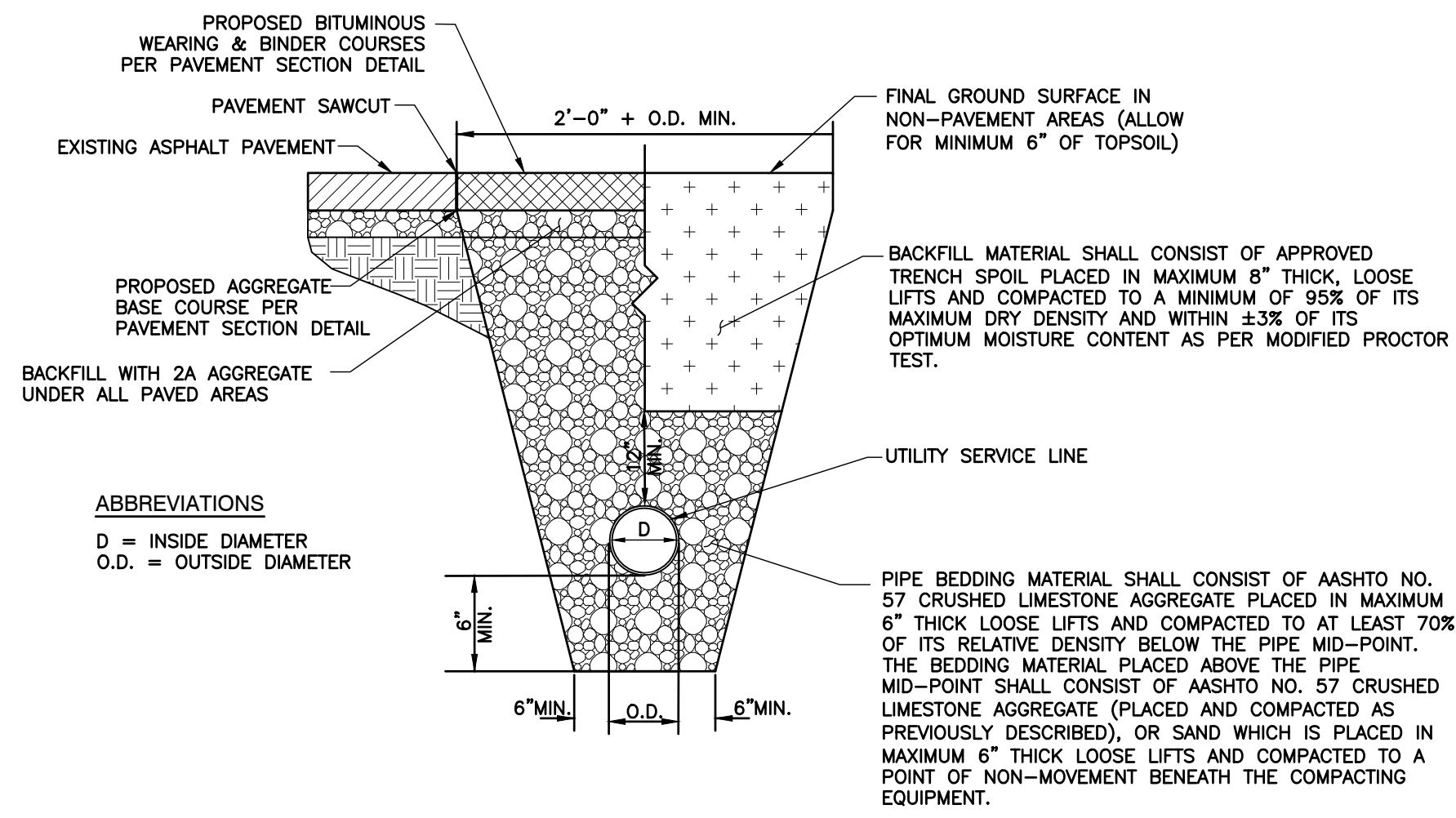


- NOTES:
- TRASH ENCLOSURE GATE MUST NOT REQUIRE MORE THAN 5 POUNDS OF PRESSURE TO OPEN. ACCESSIBLE HARDWARE THAT DOES NOT REQUIRE TIGHT PINCHING, GRASPING, OR TWISTING OF THE WRIST MUST BE PROVIDED.

**215**  
**TRASH ENCLOSURE**  
N.T.S.



**216**  
**STEEL GUIDE RAIL**  
N.T.S.



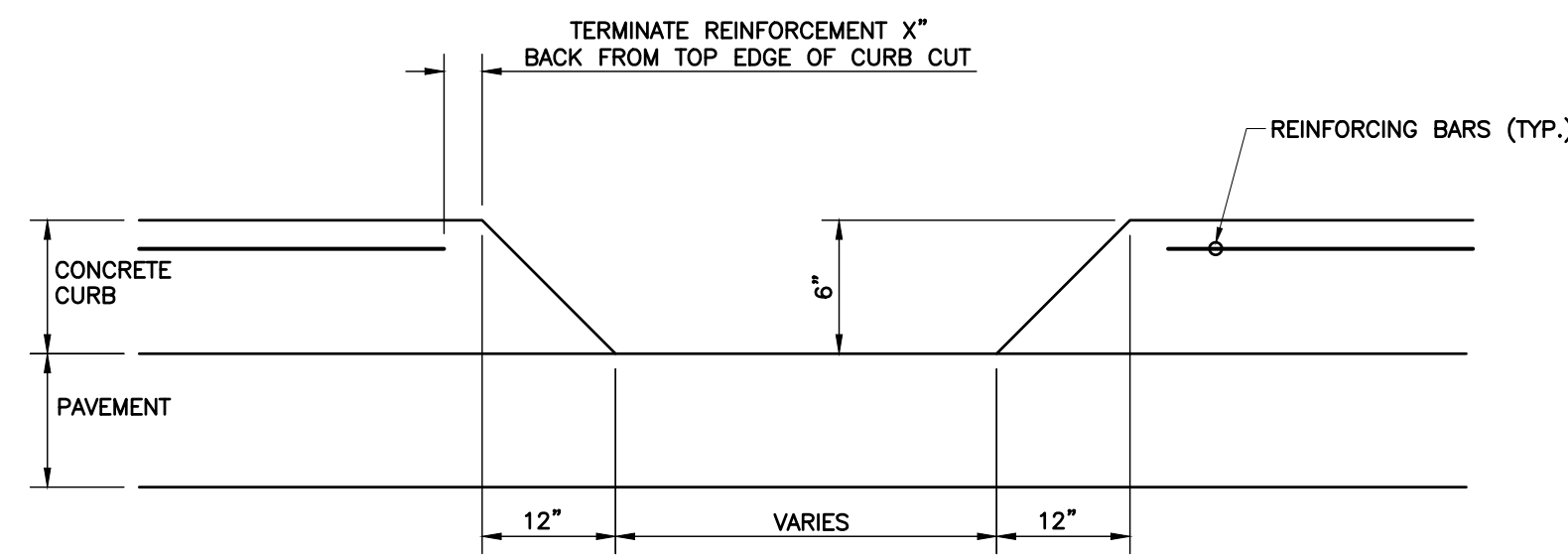
- NOTES:
- ALL MATERIALS EXCAVATED FROM THE UTILITY TRENCH SHALL BE STOCKPILED A MINIMUM SUFFICIENT DISTANCE FROM ALL TRENCHES TO PREVENT SLIDES OR CAVE-INS.
  - ALL BACKFILL MATERIALS SHALL BE APPROVED BY THE OWNER OR THEIR REPRESENTATIVE BEFORE BEING PLACED.
  - AASHTO NO. 57 CRUSHED LIMESTONE AGGREGATE AND NO. 2A CRUSHED STONE AGGREGATE SHALL SATISFY THE REQUIREMENTS OF PENNDOT PUBLICATION 408, SECTION 703.
  - THE MAXIMUM DRY DENSITY AND OPTIMUM MOISTURE CONTENT FOR THE BACKFILL MATERIALS SHALL BE DETERMINED BY ASTM D1557, AND THE RELATIVE DENSITY OF THE AASHTO NO. 57 AGGREGATE SHALL BE DETERMINED BY ASTM D4253 AND ASTM D4254.
  - THE CONTRACTOR SHALL CONSTRUCT THE UTILITY TRENCHES AND PROVIDE ADEQUATE SHORING (WHERE NECESSARY) IN CONFORMANCE WITH THE LATEST REQUIREMENTS FOR CONSTRUCTION STANDARD FOR EXCAVATIONS (29 CFR PART 1926.650-652 SUBPART P) PROMULGATED BY OSHA.
  - THE CONTRACTOR SHALL VERIFY THAT THE MINIMUM SPECIFIED PIPE COVER IS PROVIDED BETWEEN THE FINAL GROUND SURFACE AND TOP OF PIPE BEFORE LAYING PIPE. PROVIDE A MINIMUM OF 2 FT. OF COVER ABOVE ALL PIPES DURING CONSTRUCTION.
  - INCREASE TRENCH WIDTH AS NECESSARY TO ALLOW FOR PROPER COMPACTION OF BEDDING/BACKFILL.
  - FURNISH AND INSTALL DETECTABLE WARNING TAPE FOR EACH UNDERGROUND UTILITY LINE, PER MANUFACTURER'S SPECIFICATIONS.
  - CONTRACTOR SHALL USE 5" SCHEDULE 80 ELECTRICAL CONDUIT FOR UNDERGROUND MAIN ELECTRICAL ENTRANCE TO THE BUILDING.

COVER REQUIREMENTS

UTILITY	MINIMUM COVER REQUIRED*
SANITARY SEWER	4.0 FT.
WATER LINE	4.0 FT.
GAS LINE	2.0 FT.
TELEPHONE/CABLE CONDUITS	2.5 FT.
ELECTRIC CONDUITS	3.5 FT.

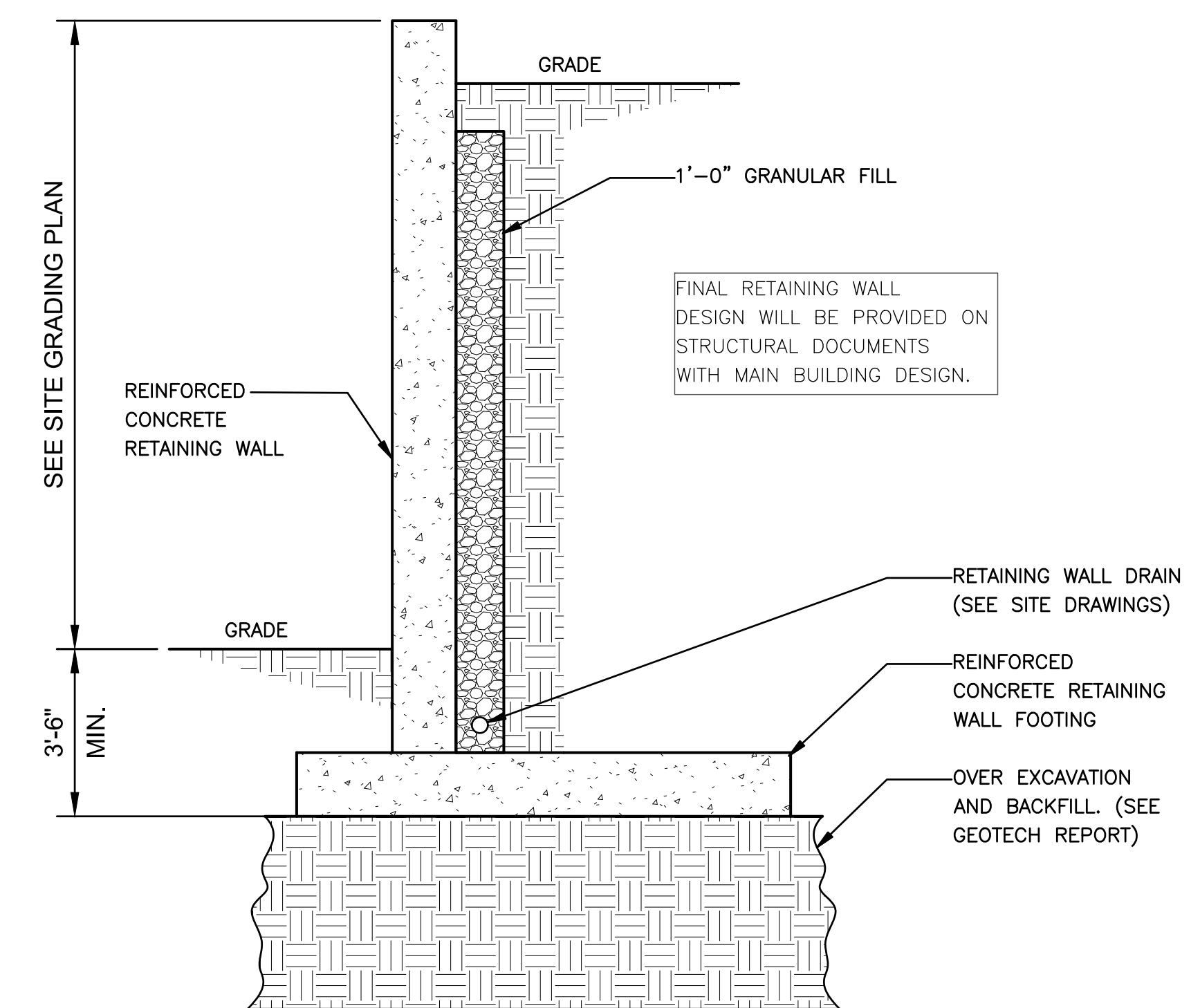
\* AS MEASURED FROM TOP OF PIPE TO FINAL GROUND SURFACE

**217**  
**TYPICAL UTILITY TRENCH DETAIL**  
N.T.S.



- NOTES:
- PROVIDE REQUIRED LIP WHERE CURB MEETS ROADWAY.

**218**  
**CONCRETE CURB CUT**  
N.T.S.



**219**  
**TYPICAL FULL STORY RETAINING WALL**  
N.T.S.

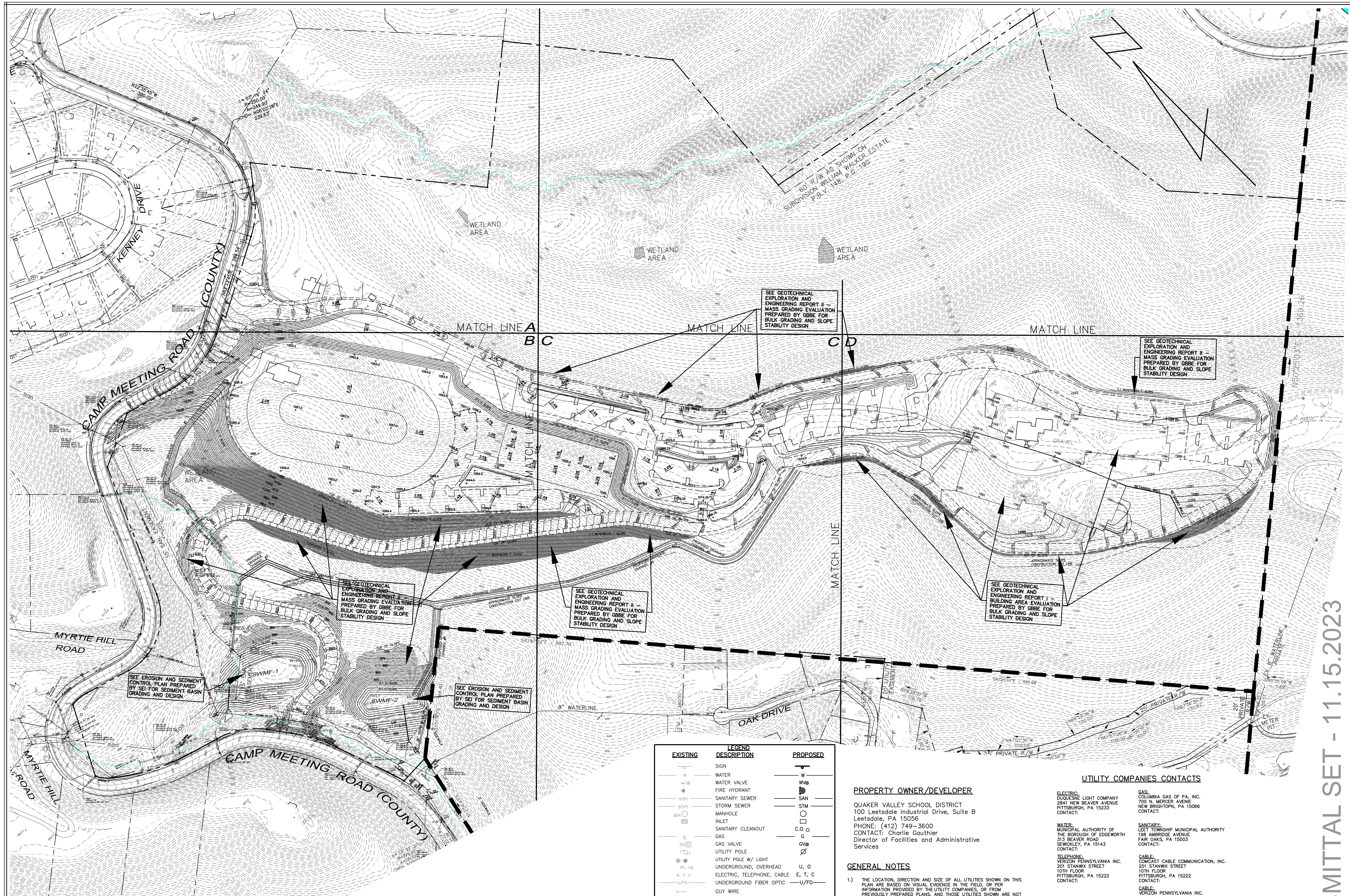
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Client CJR

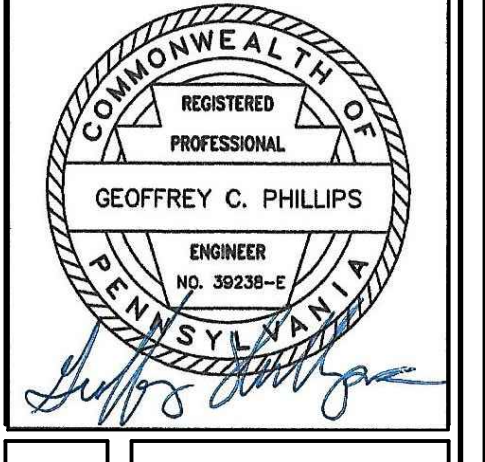
Sheet Title CONSTRUCTION DETAILS

Revisions

#	Description	Revision Date



NO.	REVISION DESCRIPTION
1	
2	
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**BULK GRADING PLAN**

**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT

**1122 MOSSIDE BOULEVARD**  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4090  
 FAX (412) 825-4092

**PHILLIPS & ASSOCIATES, INC.**  
 ENGINEERING & PLANNING  
 CONSULTING

**SUBMITTAL SET - 11.15.2023**

EXISTING	LEGEND DESCRIPTION	PROPOSED
—	SIGN	—
w	WATER	w
w@	WATER VALVE	w@
+	FIRE HYDRANT	+
sn	SANITARY SEWER	sn
stm	STORM SEWER	stm
MH	MANHOLE	MH
IN	INLET	IN
SC	SANITARY CLEANOUT	SC
g	GAS	g
g@	GAS VALVE	g@
UP	UTILITY POLE	UP
U/L	UTILITY POLE W/ LIGHT	U/L
U/O	UNDERGROUND, OVERHEAD	U, O
E, T, C	ELECTRIC, TELEPHONE, CABLE	E, T, C
U/FO	UNDERGROUND FIBER OPTIC	U/FO
—	GUY WIRE	—
—	SETBACK LINE	—
—	PROPERTY LINE	—
—	CENTERLINE	—
—	RAILING	—
P/A	PLANTING AREA	P/A
1072	CONTOUR LINE	1072
TC=	TOP CURB ELEV.	TC=
BC=	BOTTOM CURB ELEV.	BC=
TCOL=	TOP OF COLUMN	TCOL=
FSW=	FINISH SIDEWALK ELEV.	FSW=
—	STREET LIGHT	—
—	TREE	—
—	HANDICAP RAMP w/DWS	—
—	CONCRETE	—
—	RIP-RAP	—

**PROPERTY OWNER/DEVELOPER**

QUAKER VALLEY SCHOOL DISTRICT  
 100 Leetsdale Industrial Drive, Suite B  
 Leetsdale, PA 15056  
 PHONE: (412) 749-3600  
 CONTACT: Charlie Gauthier  
 Director of Facilities and Administrative Services

**GENERAL NOTES**

- THE LOCATION, DIRECTION AND SIZE OF ALL UTILITIES SHOWN ON THIS PLAN ARE BASED ON VISUAL EVIDENCE IN THE FIELD, OR PER INFORMATION PROVIDED BY THE UTILITY COMPANIES, OR FROM PREVIOUSLY PREPARED PLANS, AND THOSE UTILITIES SHOWN ARE NOT NECESSARILY ALL OF THE EXISTING UTILITIES.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXACT FIELD LOCATION PRIOR TO ANY EXCAVATION BY NOTIFYING THE PENNSYLVANIA ONE CALL SYSTEM AT LEAST THREE (3) DAYS IN ADVANCE BY CALLING 1-800-242-1776.
- PROPERTY IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAN AS SHOWN ON THE FEDERAL FLOOD INSURANCE RATE MAP FOR TOWNSHIP OF LEET, BOROUGH OF LEETSDALE AND BOROUGH OF EDGEWORTH, ALLEGHENY COUNTY, PA F.I.R.M. PANEL NO.42003C0154H, DATED SEPTEMBER 26, 2014.
- ALL UNDERGROUND PIPE SIZES AND TYPES HAVE BEEN OBSERVED FROM GROUND LEVEL. NO ATTEMPT HAS BEEN MADE TO ENTER UNDERGROUND FACILITIES FOR ACTUAL MEASUREMENTS.
- FIELD SURVEY OF PROPERTY BOUNDARY, UTILITIES, EASEMENTS, RIGHT OF WAYS, PHYSICAL STRUCTURES, ETC. BY DENNIS DULL LAND SURVEYING, 120 KLINE AVENUE, NORTH VERSAILLES, PA 15137 PH: (412) 823-0283
- AERIAL TOPOGRAPHIC MAPPING BY THE THRASHER GROUP, INC., 600 WHITE OAK BOULEVARD, P.O. BOX 940, BRIDGEPORT, WV 26330 PHONE: 1 (800) 273-6541. DATE OF AERIAL PHOTOGRAPHY: 4-20-22

**UTILITY COMPANIES CONTACTS**

**ELECTRIC:**  
 DUQUESNE LIGHT COMPANY  
 2841 NEW BEAVER AVENUE  
 PITTSBURGH, PA 15233  
 CONTACT:

**WATER:**  
 MUNICIPAL AUTHORITY OF THE BOROUGH OF EDGEWORTH  
 313 BEAVER ROAD  
 SEWICKLEY, PA 15143  
 CONTACT:

**TELEPHONE:**  
 VERIZON PENNSYLVANIA INC.  
 201 STANWIX STREET  
 10TH FLOOR  
 PITTSBURGH, PA 15222  
 CONTACT:

**GAS:**  
 COLUMBIA GAS OF PA, INC.  
 700 W. MERCER AVENUE  
 NEW BRIGHTON, PA 15066  
 CONTACT:

**SANITARY:**  
 LEET TOWNSHIP MUNICIPAL AUTHORITY  
 108 AMBRIDGE AVENUE  
 FAIR OAKS, PA 15003  
 CONTACT:

**CABLE:**  
 COMCAST CABLE COMMUNICATION, INC.  
 201 STANWIX STREET  
 10TH FLOOR  
 PITTSBURGH, PA 15222  
 CONTACT:

**CABLE:**  
 VERIZON PENNSYLVANIA INC.  
 201 STANWIX STREET  
 10TH FLOOR  
 PITTSBURGH, PA 15222  
 CONTACT:

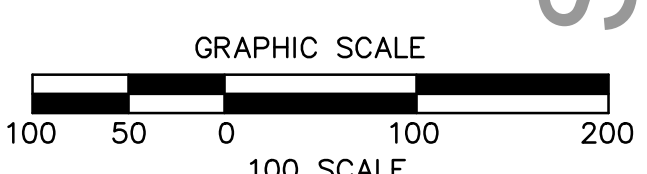
**GOVERNMENTAL CONTACTS**

**MUNICIPALITY:**  
 LEET TOWNSHIP  
 198 AMBRIDGE AVENUE  
 FAIR OAKS, PA 15003  
 PHONE: 724-266-2280  
 CONTACT:

**MUNICIPALITY:**  
 BOROUGH OF LEETSDALE  
 373 BEAVER STREET  
 LEETSDALE, PA 15026  
 PHONE: 724-266-4820  
 CONTACT:

**MUNICIPALITY:**  
 BOROUGH OF EDGEWORTH  
 301 BEAVER ROAD  
 EDGEWORTH, PA 15143  
 PHONE: 412-741-2886  
 CONTACT:

**CAMP MEETING ROAD:**  
 ALLEGHENY COUNTY  
 DEPARTMENT OF PUBLIC WORKS  
 501 COUNTY BUILDING  
 542 FORBES AVENUE  
 PITTSBURGH, PA 15219  
 PHONE: 412-350-5874  
 CONTACT:



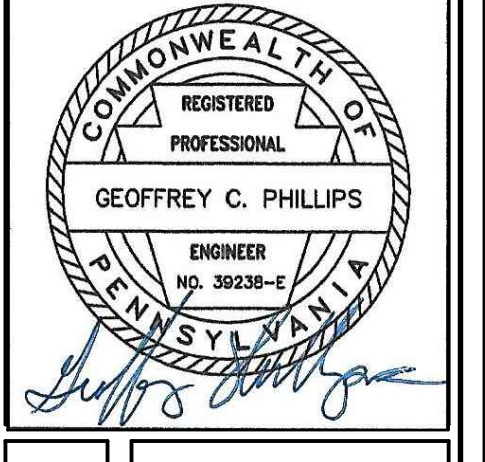
CALL BEFORE YOU DIG!  
 PENNSYLVANIA LAW REQUIRES  
 3 WORKING DAYS NOTICE FOR  
 CONSTRUCTION PHASE AND 10 WORKING  
 DAYS NOTICE IN DESIGN STAGE.  
 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776

DRAWN BY:	CHECKED BY:
SCALE: 1"=100'	DATE: 11/01/23
JOB NUMBER: 22-003	SHEET NUMBER: 00



EXISTING	LEGEND DESCRIPTION	PROPOSED
—	SIGN	—
W	WATER	W
WV	WATER VALVE	WV
+	FIRE HYDRANT	+
san	SANITARY SEWER	san
stm	STORM SEWER	stm
MH	MANHOLE	MH
INLET	INLET	INLET
SC	SANITARY CLEANOUT	SC
G	GAS	G
GV	GAS VALVE	GV
UP	UTILITY POLE	UP
UPL	UTILITY POLE W/ LIGHT	UPL
U, O	UNDERGROUND, OVERHEAD	U, O
E, T, C	ELECTRIC, TELEPHONE, CABLE	E, T, C
U/FO	UNDERGROUND FIBER OPTIC	U/FO
—	GUY WIRE	—
—	SETBACK LINE	—
—	PROPERTY LINE	—
—	CENTERLINE	—
—	RAILING	—
P/A	PLANTING AREA	P/A
1072	CONTOUR LINE	1072
TC=	TOP CURB ELEV.	TC=
BC=	BOTTOM CURB ELEV.	BC=
TCOL=	TOP OF COLUMN	TCOL=
FSW=	FINISH SIDEWALK ELEV.	FSW=
—	STREET LIGHT	—
—	TREE	—
—	HANDICAP RAMP w/DWS	—
—	CONCRETE	—
—	RIP-RAP	—

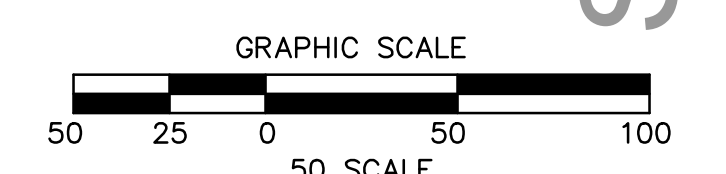
NO.	REVISION DESCRIPTION
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**BULK GRADING PLAN**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT

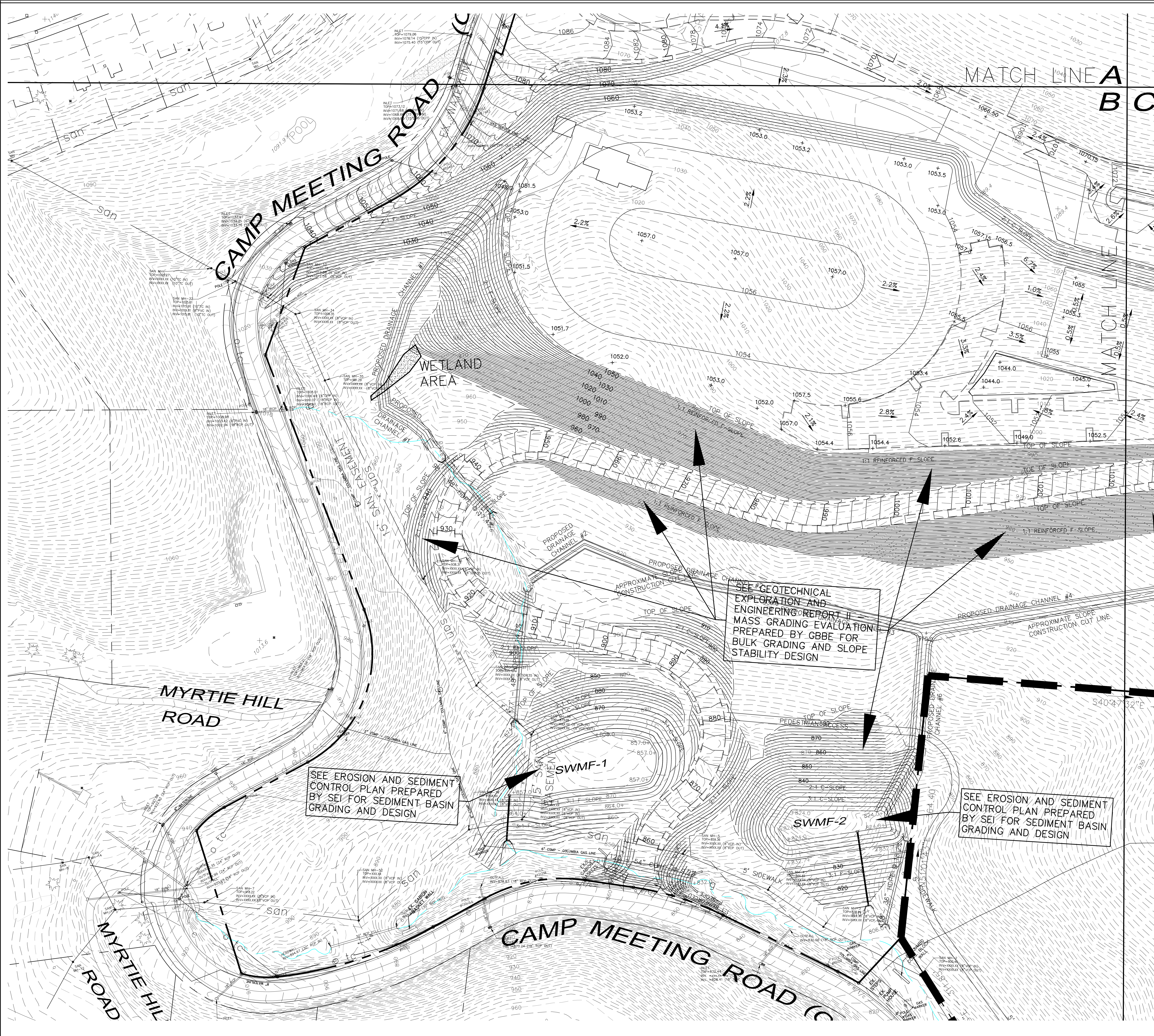
**SUBMITTAL SET - 11.15.2023**

1122 MOSSIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4090  
 FAX (412) 825-4092



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 1-800-242-1776

DRAWN BY:  
 CHECKED BY:  
 SCALE: 1"=50'  
 DATE: 11/01/23  
 JOB NUMBER: 22-023  
 SHEET NUMBER: B6200A



EXISTING	LEGEND DESCRIPTION	PROPOSED
W	WATER	W
WV	WATER VALVE	WV
san	SANITARY SEWER	san
stm	STORM SEWER	stm
MH	MANHOLE	MH
INLET	INLET	INLET
SC	SANITARY CLEANOUT	SC
G	GAS	G
GV	GAS VALVE	GV
UP	UTILITY POLE	UP
UL	UTILITY POLE W/ LIGHT UNDERGROUND, OVERHEAD	UL, O
E, T, C	ELECTRIC, TELEPHONE, CABLE	E, T, C
U/FO	UNDERGROUND FIBER OPTIC	U/FO
	GUY WIRE	
	SETBACK LINE	
	PROPERTY LINE	
	CENTERLINE	
	RAILING	
P/A	PLANTING AREA	P/A
-1072	CONTOUR LINE	-1072
	TOP CURB ELEV.	TC=
	BOTTOM CURB ELEV.	BC=
	TOP OF COLUMN	TOOL=
	FINISH SIDEWALK ELEV.	FSW=
	STREET LIGHT	
	TREE	
	HANDICAP RAMP w/DWS	
	CONCRETE	
	RIP-RAP	

NO. REVISION DESCRIPTION

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Geoffrey C. Phillips

**BULK GRADING PLAN**

**NEW QUAKER VALLEY HIGH SCHOOL**

210 Camp Meeting Road  
Sewickley, Allegheny County, Pennsylvania

QUAKER VALLEY SCHOOL DISTRICT

SUBMITTAL SET - 11.15.2023

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WALL, PENNSYLVANIA 15146  
PHONE (412) 825-4090  
FAX (412) 825-4092

ENGINEERING & PLANNING  
CONSTRUCTION

DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_

SCALE: 1"=50'      DATE: 11/01/23

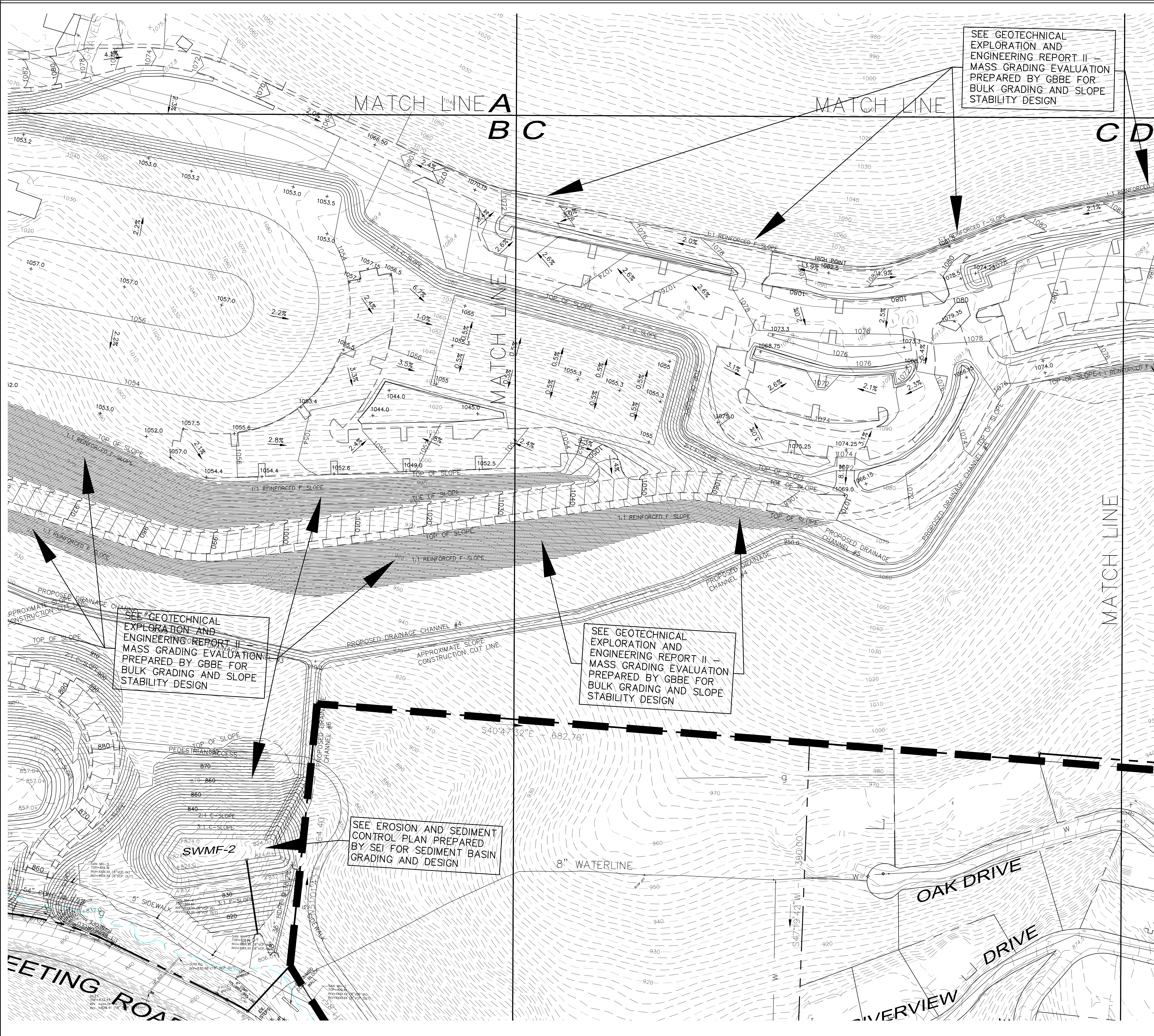
JOB NUMBER: 22-003

SHEET NUMBER: **B6200B**

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SCALE

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STOP CALL

PENNSYLVANIA ONE CALL SYSTEM, INC.  
1-800-242-1776



SEE GEOTECHNICAL EXPLORATION AND ENGINEERING REPORT II - MASS GRADING EVALUATION PREPARED BY GBBE FOR BULK GRADING AND SLOPE STABILITY DESIGN

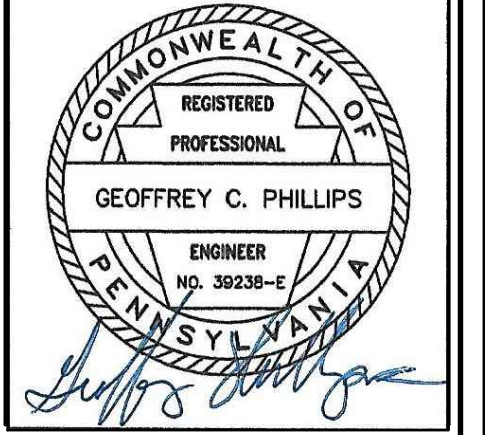
SEE GEOTECHNICAL EXPLORATION AND ENGINEERING REPORT II - MASS GRADING EVALUATION PREPARED BY GBBE FOR BULK GRADING AND SLOPE STABILITY DESIGN

SEE GEOTECHNICAL EXPLORATION AND ENGINEERING REPORT II - MASS GRADING EVALUATION PREPARED BY GBBE FOR BULK GRADING AND SLOPE STABILITY DESIGN

SEE EROSION AND SEDIMENT CONTROL PLAN PREPARED BY SEI FOR SEDIMENT BASIN GRADING AND DESIGN

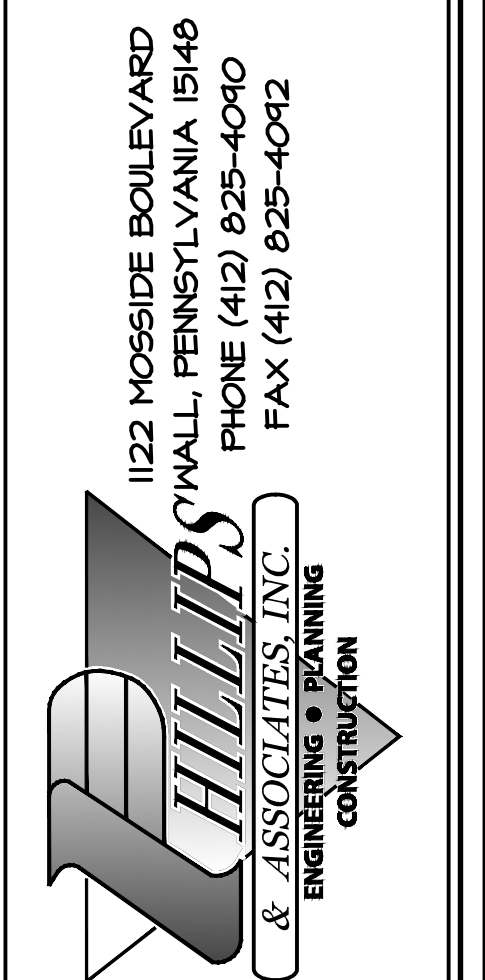
EXISTING	LEGEND DESCRIPTION	PROPOSED
—	SIGN	—
W	WATER VALVE	W
W*	FIRE HYDRANT	W*
san	SANITARY SEWER	SAN
stm	STORM SEWER	STM
MH	MANHOLE	MH
INLET	INLET	INLET
SC	SANITARY CLEANOUT	SC
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—	TOP OF COLUMN	TOC=
—	FINISH SIDEWALK ELEV.	FSW=
—	STREET LIGHT	—
—	TREE	—
—	HANDICAP RAMP w/DWS	—
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**BULK GRADING PLAN**  
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 210 Camp Meeting Road  
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 QUAKER VALLEY SCHOOL DISTRICT

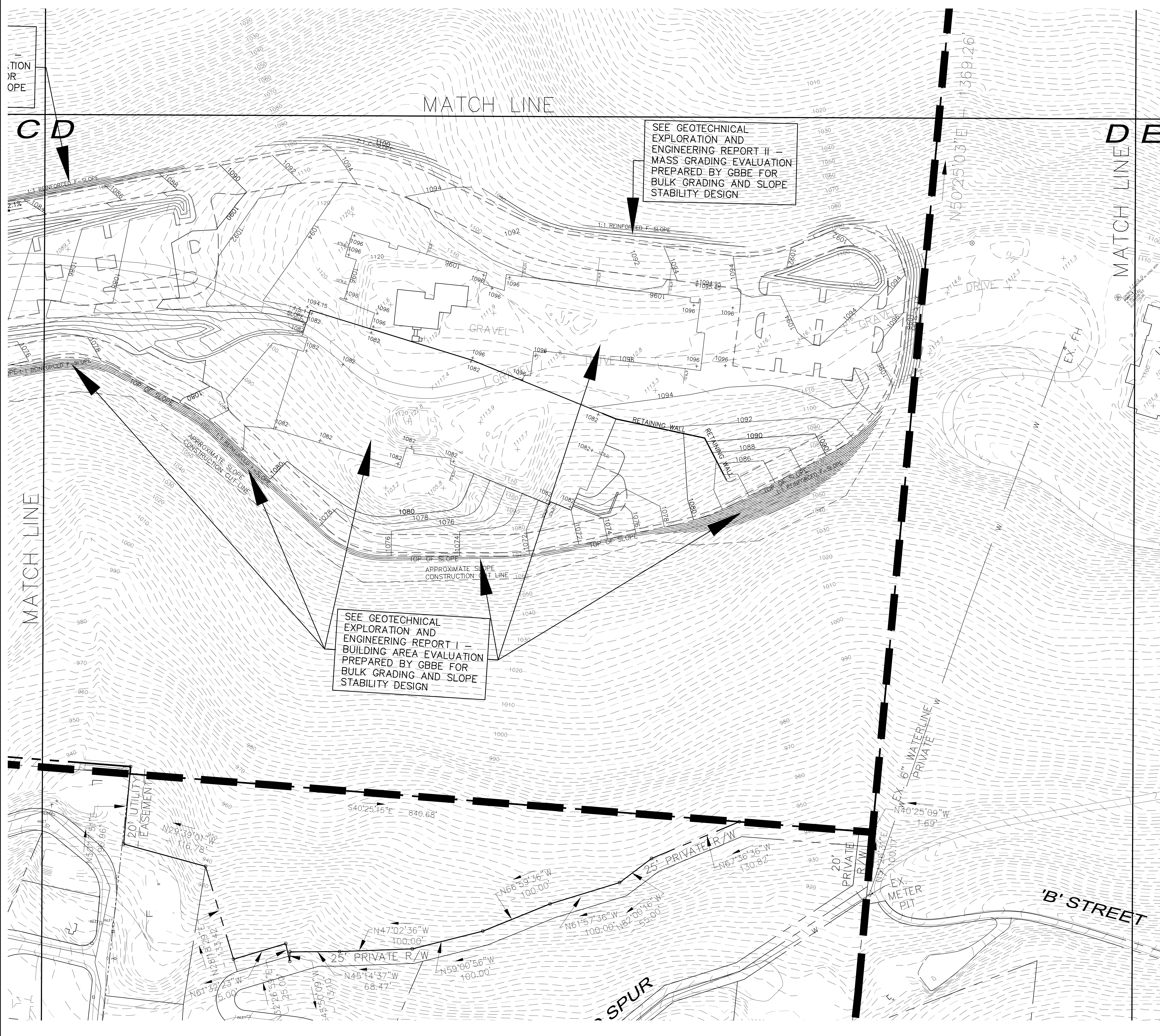
SUBMITTAL SET - 11.15.2023



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SCALE: 1"=50'	DATE: 11/01/23
JOB NUMBER: 22-023	
SHEET NUMBER: B6200C	

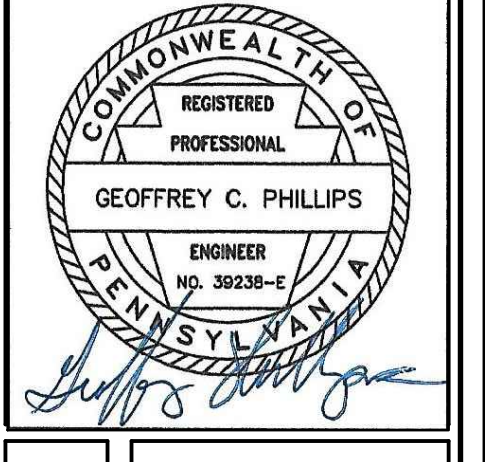
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 50 SCALE

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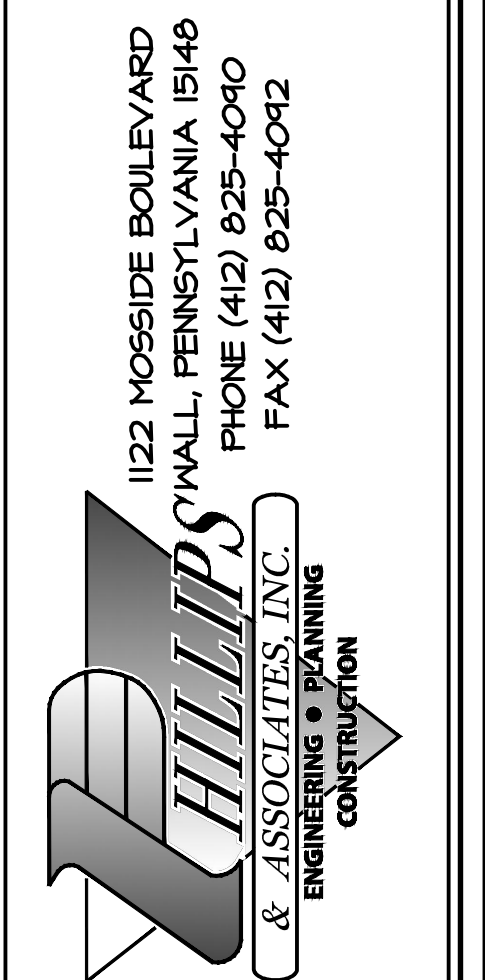
EXISTING	LEGEND DESCRIPTION	PROPOSED
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W@	WATER VALVE	W@
+	FIRE HYDRANT	+
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stm	STORM SEWER	stm
MH	MANHOLE	MH
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E, T, C	ELECTRIC, TELEPHONE, CABLE	E, T, C
U/FO	UNDERGROUND FIBER OPTIC	U/FO
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FSW=	FINISH SIDEWALK ELEV.	FSW=
—	STREET LIGHT	—
—	TREE	—
—	HANDICAP RAMP w/DWS	—
—	CONCRETE	—
—	RIP-RAP	—

NO.	REVISION DESCRIPTION
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**BULK GRADING PLAN**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT

**SUBMITTAL SET - 11.15.2023**



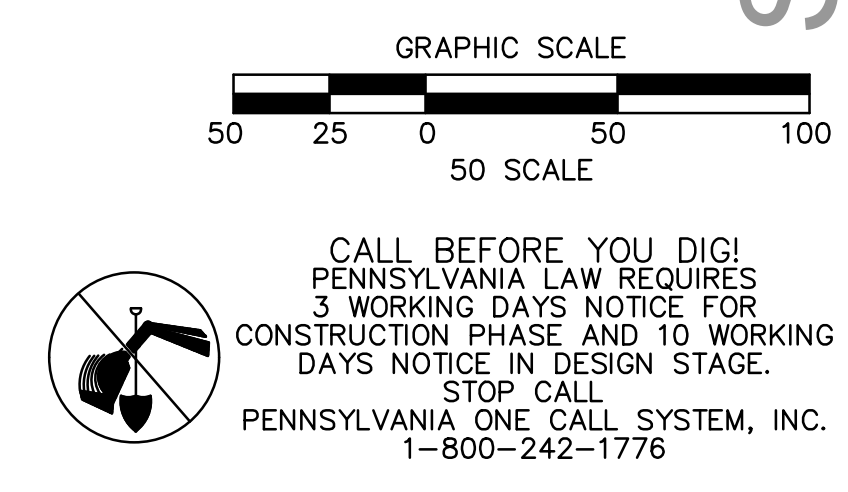
1122 MOSSIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4090  
 FAX (412) 825-4092

DRAWN BY:  
 CHECKED BY:

SCALE: 1"=50'  
 DATE: 11/01/23

JOB NUMBER: 22-023

SHEET NUMBER: **B6200D**

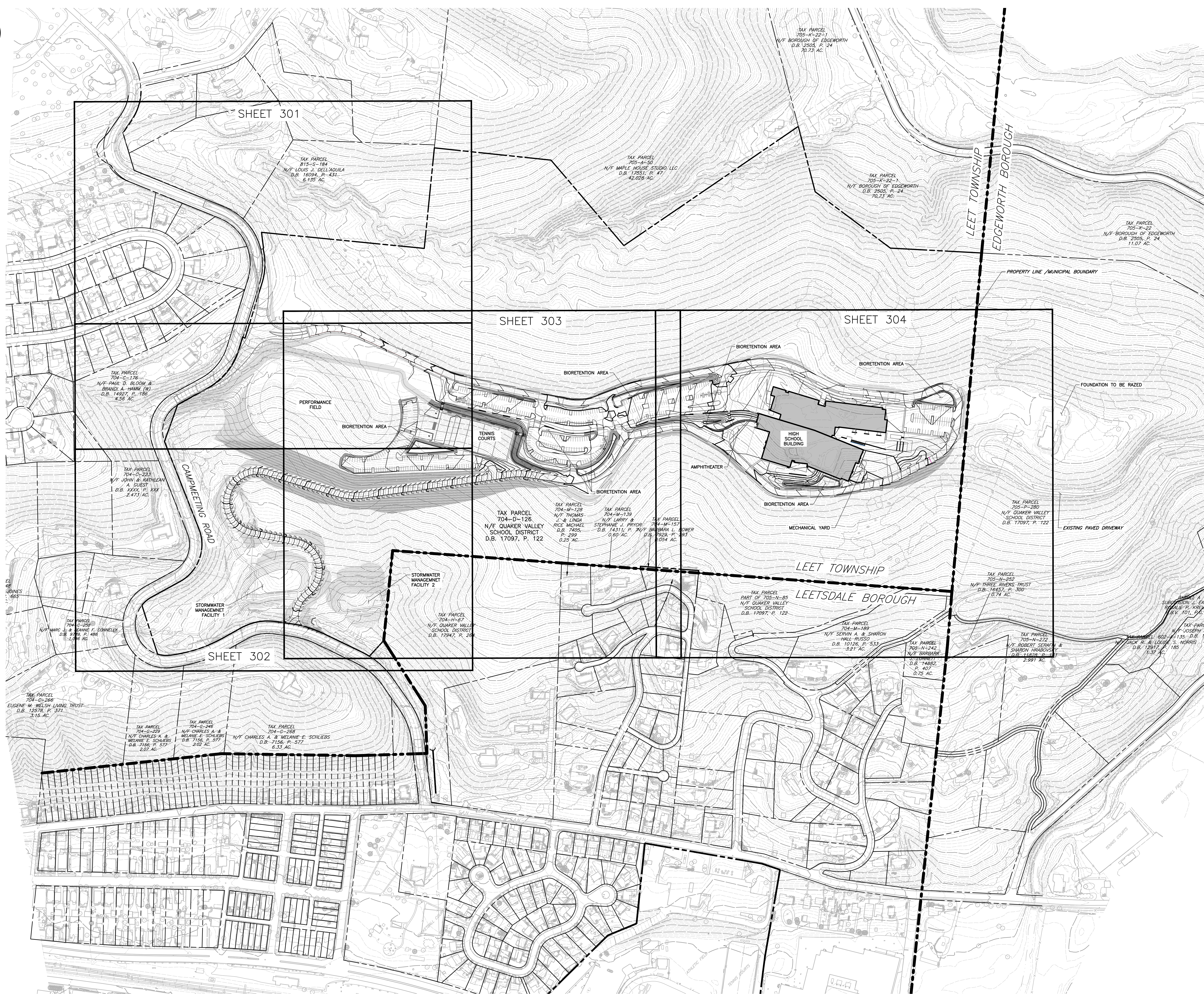


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 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776





NORTH



- LEGEND**
- EXISTING PROPERTY LINE
  - - - - EXISTING INDEX (MAJOR) CONTOUR
  - - - - EXISTING INTERMEDIATE (MINOR) CONTOUR
  - ===== EXISTING EDGE OF PAVEMENT
  - ===== EXISTING STRUCTURE
  - OH-E EXISTING OVERHEAD ELECTRIC LINE
  - ⊗ EXISTING UTILITY POLE
  - ===== EXISTING FENCE
  - ===== PROPOSED EDGE OF PAVED DRIVE
  - ===== PROPOSED CONCRETE CURB
  - ===== PROPOSED BUILDING
  - ===== PROPOSED SUBGRADE INDEX (MAJOR) CONTOUR
  - - - - PROPOSED SUBGRADE INTERMEDIATE (MINOR) CONTOUR
  - ===== PROPOSED FINISHED GRADE INDEX (MAJOR) CONTOUR
  - ===== PROPOSED FINISHED GRADE INTERMEDIATE (MINOR) CONTOUR

**b s h m**  
architects, inc.

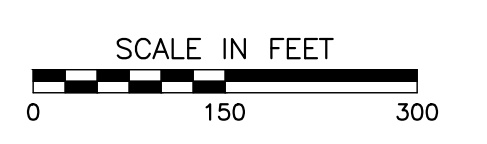
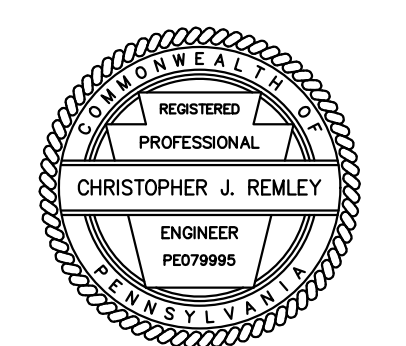
Youngstown Office  
15 Central Square  
Suite 201  
Youngstown, Ohio 44503  
330.744.4401  
330.744.2375 (fax)

Columbus Office  
3005 Goodale Blvd  
Columbus, OH 43212  
614.447.9770



**Civil & Environmental Consultants, Inc.**  
700 CHERMINGTON PARKWAY • MOON TOWNSHIP, PA 15108  
412-429-2324 • 800-366-2304

# QUAKER VALLEY SCHOOL DISTRICT NEW QUAKER VALLEY HIGH SCHOOL LEETSDALE, PA 15056



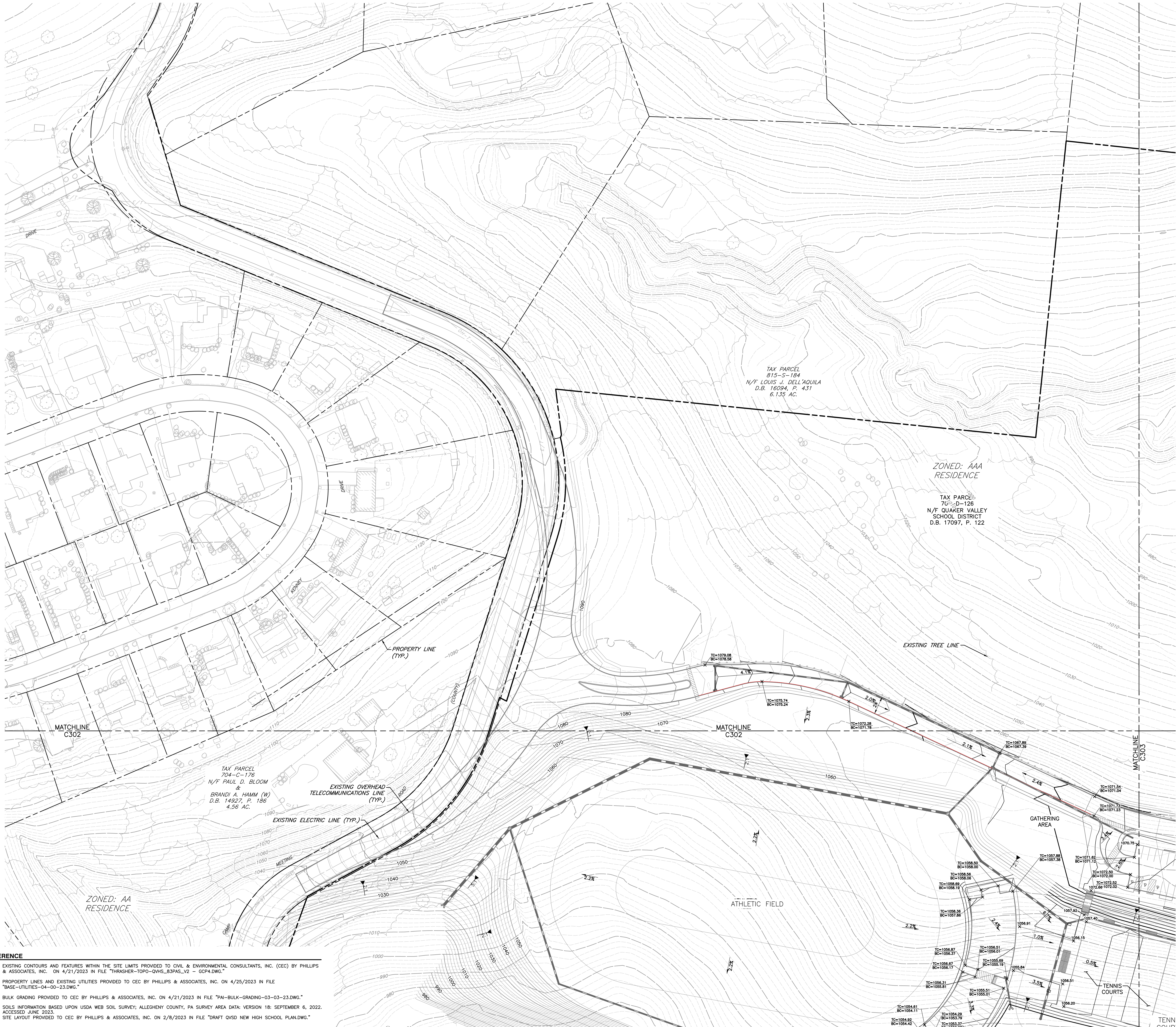
Commission	00000
Owner	DJZ
Designer	CJR
Sheet Title	OVERALL GRADING PLAN

Revisions:

#	Description	Revision Date

Date:  
NOVEMBER 15, 2023

Sheet Number:  
C300



LEGEND

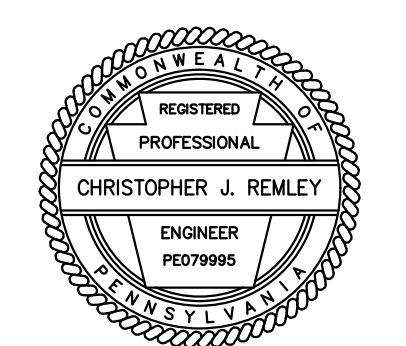
(---)	EXISTING PROPERTY LINE
(---)	EXISTING INDEX (MAJOR) CONTOUR
(---)	EXISTING INTERMEDIATE (MINOR) CONTOUR
(---)	EXISTING EDGE OF PAVEMENT
(---)	EXISTING STRUCTURE
(---)	EXISTING OVERHEAD ELECTRIC LINE
(---)	EXISTING UTILITY POLE
(---)	EXISTING FENCE
(---)	PROPOSED EDGE OF PAVED DRIVE
(---)	PROPOSED CONCRETE CURB
(---)	PROPOSED BUILDING
(---)	PROPOSED ADA PARKING SPACE
(---)	PROPOSED STRIPING
(---)	PROPOSED ADA CURB RAMP
(---)	PROPOSED STORM INLET
(---)	PROPOSED STORM MANHOLE
(---)	PROPOSED NYOPLAST DRAIN BASIN
(---)	PROPOSED CONCRETE ENDWALL
(---)	PROPOSED STORM PIPE
(---)	PROPOSED SUBGRADE INDEX (MAJOR) CONTOUR
(---)	PROPOSED SUBGRADE INTERMEDIATE (MINOR) CONTOUR
(---)	PROPOSED FINISHED GRADE INDEX (MAJOR) CONTOUR
(---)	PROPOSED FINISHED GRADE INTERMEDIATE (MINOR) CONTOUR
(---)	PROPOSED SLOPE LABEL
(---)	PROPOSED SPOT ELEVATION

TAX PARCEL  
815-S-184  
N/F LOUIS J. DELL'AQUILA  
D.B. 16094, P. 431  
6.135 AC.

ZONED: AAA  
RESIDENCE

TAX PARCEL  
70-D-126  
N/F QUAKER VALLEY  
SCHOOL DISTRICT  
D.B. 17097, P. 122

TAX PARCEL  
704-C-176  
N/F PAUL D. BLOOM  
&  
BRANDI A. HAMM (W)  
D.B. 14927, P. 186  
4.56 AC.



- REFERENCE
1. EXISTING CONTOURS AND FEATURES WITHIN THE SITE LIMITS PROVIDED TO CIVIL & ENVIRONMENTAL CONSULTANTS, INC. (CEC) BY PHILLIPS & ASSOCIATES, INC. ON 4/21/2023 IN FILE "THRASHER-TOPD-QVHS\_83PAS\_V2 - GCP4.DWG."
  2. PROPERTY LINES AND EXISTING UTILITIES PROVIDED TO CEC BY PHILLIPS & ASSOCIATES, INC. ON 4/25/2023 IN FILE "BASE-UTILITIES-04-00-23.DWG."
  3. BULK GRADING PROVIDED TO CEC BY PHILLIPS & ASSOCIATES, INC. ON 4/21/2023 IN FILE "PAI-BULK-GRADING-03-03-23.DWG."
  4. SOILS INFORMATION BASED UPON USDA WEB SOIL SURVEY; ALLEGHENY COUNTY, PA SURVEY AREA DATA; VERSION 18; SEPTEMBER 6, 2022. ACCESSED JUNE 2023.
  5. SITE LAYOUT PROVIDED TO CEC BY PHILLIPS & ASSOCIATES, INC. ON 2/8/2023 IN FILE "DRAFT QVSD NEW HIGH SCHOOL PLAN.DWG."

QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056

Commission	00000
Checked	DJZ
Drawn	CJR
Sheet Title	GRADING PLAN

Revisions	#	Description	Revision Date
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DATE PLOTTED  
11/15/2023 10:44:43 AM  
FILE  
C:\PROJECTS\2023\QVSD\GRADING\GRADING.PLOT

DATE  
NOVEMBER 15, 2023

C301





NORTH



**LEGEND**

	EXISTING PROPERTY LINE
	EXISTING INDEX (MAJOR) CONTOUR
	EXISTING INTERMEDIATE (MINOR) CONTOUR
	EXISTING EDGE OF PAVEMENT
	EXISTING STRUCTURE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING UTILITY POLE
	EXISTING FENCE
	PROPOSED EDGE OF PAVED DRIVE
	PROPOSED CONCRETE CURB
	PROPOSED BUILDING
	PROPOSED ADA PARKING SPACE
	PROPOSED STRIPING
	PROPOSED ADA CURB RAMP
	PROPOSED STORM INLET
	PROPOSED STORM MANHOLE
	PROPOSED NYOPLAST DRAIN BASIN
	PROPOSED CONCRETE ENDWALL
	PROPOSED STORM PIPE
	PROPOSED SUBGRADE INDEX (MAJOR) CONTOUR
	PROPOSED SUBGRADE INTERMEDIATE (MINOR) CONTOUR
	PROPOSED FINISHED GRADE INDEX (MAJOR) CONTOUR
	PROPOSED FINISHED GRADE INTERMEDIATE (MINOR) CONTOUR
	PROPOSED SLOPE LABEL
	PROPOSED SPOT ELEVATION

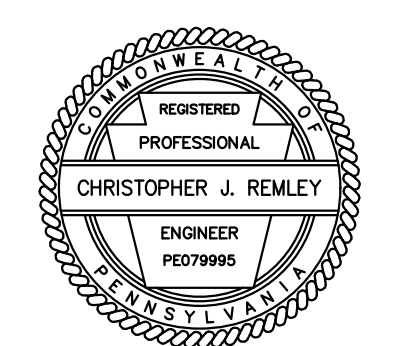
b s h m architects, inc.

Youngstown Office  
15 Central Square  
Suite 300  
Youngstown, Ohio 44503  
330.744.4401  
330.744.2370 (fax)

Civil & Environmental Consultants, Inc.  
700 CHERMINGTON PARKWAY • MOON TOWNSHIP, PA 15108  
412-429-2324 • 800-368-2324

QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056

- REFERENCE**
- EXISTING CONTOURS AND FEATURES WITHIN THE SITE LIMITS PROVIDED TO CIVIL & ENVIRONMENTAL CONSULTANTS, INC. (CEC) BY PHILLIPS & ASSOCIATES, INC. ON 4/21/2023 IN FILE "THRASHER-TOPO-QVHS\_83PAS\_V2 - GCP4.DWG."
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  - SITE LAYOUT PROVIDED TO CEC BY PHILLIPS & ASSOCIATES, INC. ON 2/8/2023 IN FILE "DRAFT QVSD NEW HIGH SCHOOL PLAN.DWG."



Commission	00000
Owner	CJR
Designer	DJZ
Checker	CJR
Sheet Title	GRADING PLAN

Revisions	#	Description	Revision Date
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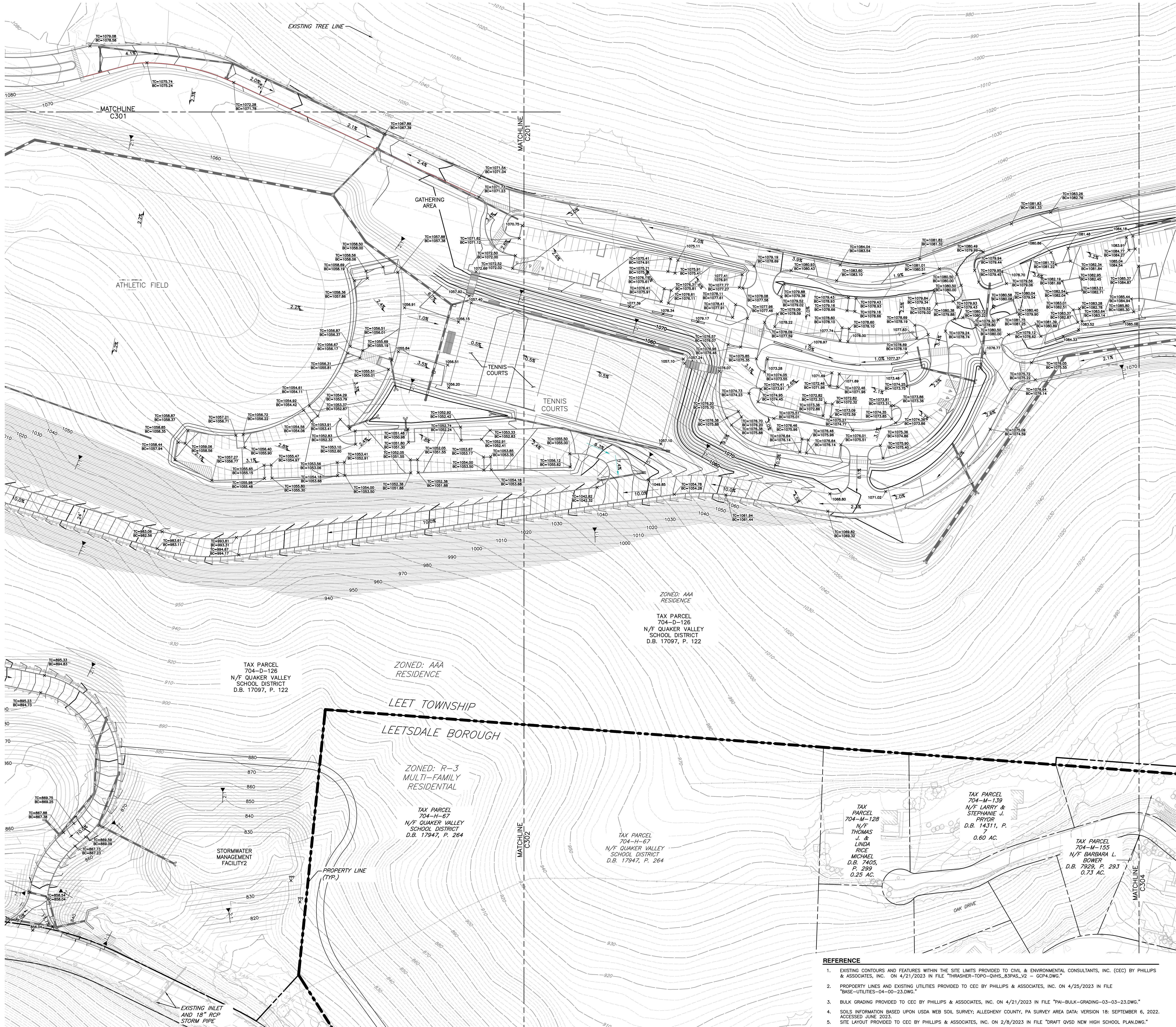
DATE: NOVEMBER 15, 2023

C302





NORTH



**LEGEND**

	EXISTING PROPERTY LINE
	EXISTING INDEX (MAJOR) CONTOUR
	EXISTING INTERMEDIATE (MINOR) CONTOUR
	EXISTING EDGE OF PAVEMENT
	EXISTING STRUCTURE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING UTILITY POLE
	EXISTING FENCE
	PROPOSED EDGE OF PAVED DRIVE
	PROPOSED CONCRETE CURB
	PROPOSED BUILDING
	PROPOSED ADA PARKING SPACE
	PROPOSED STRIPING
	PROPOSED ADA CURB RAMP
	PROPOSED STORM INLET
	PROPOSED STORM MANHOLE
	PROPOSED NYOPLAST DRAIN BASIN
	PROPOSED CONCRETE ENDWALL
	PROPOSED STORM PIPE
	PROPOSED SUBGRADE INDEX (MAJOR) CONTOUR
	PROPOSED SUBGRADE INTERMEDIATE (MINOR) CONTOUR
	PROPOSED FINISHED GRADE INDEX (MAJOR) CONTOUR
	PROPOSED FINISHED GRADE INTERMEDIATE (MINOR) CONTOUR
	PROPOSED SLOPE LABEL
	PROPOSED SPOT ELEVATION

**b s h m**  
architects, inc.

Youngstown Office  
15 Central Square  
Suite 200  
Youngstown, Ohio 44503  
330.744.4401  
330.744.2370 (fax)

**CEC**  
Civil & Environmental  
Consultants, Inc.  
700 CHERMINGTON PARKWAY • MOON TOWNSHIP, PA 15108  
412-429-2324 • 800-368-2324  
www.cecinc.com

# QUAKER VALLEY SCHOOL DISTRICT NEW QUAKER VALLEY HIGH SCHOOL LEETSDALE, PA 15056

ZONED: AAA  
RESIDENCE  
TAX PARCEL  
704-D-126  
N/F QUAKER VALLEY  
SCHOOL DISTRICT  
D.B. 17097, P. 122

ZONED: AAA  
RESIDENCE

ZONED: R-3  
MULTI-FAMILY  
RESIDENTIAL

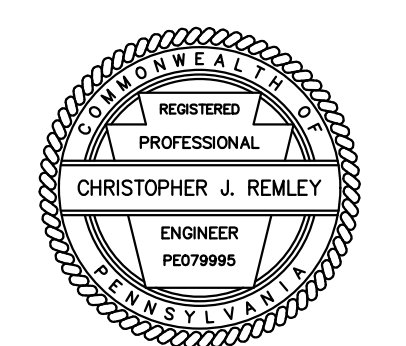
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704-M-67  
N/F QUAKER VALLEY  
SCHOOL DISTRICT  
D.B. 17947, P. 264

TAX PARCEL  
704-H-67  
N/F QUAKER VALLEY  
SCHOOL DISTRICT  
D.B. 17947, P. 264

TAX PARCEL  
704-M-128  
THOMAS  
J. &  
LINDA  
RICE  
MICHAEL  
D.B. 7405,  
P. 299  
0.25 AC.

TAX PARCEL  
704-M-139  
N/F LARRY &  
STEPHANIE J.  
PRYOR  
D.B. 14311, P.  
7  
0.60 AC.

TAX PARCEL  
704-M-155  
N/F BARBARA L.  
BOWER  
D.B. 7929, P. 293  
0.23 AC.



- REFERENCE**
- EXISTING CONTOURS AND FEATURES WITHIN THE SITE LIMITS PROVIDED TO CIVIL & ENVIRONMENTAL CONSULTANTS, INC. (CEC) BY PHILLIPS & ASSOCIATES, INC. ON 4/21/2023 IN FILE "THRASHER-TOPO-QMWS\_B3PAS\_V2 - GCP4.DWG."
  - PROPERTY LINES AND EXISTING UTILITIES PROVIDED TO CEC BY PHILLIPS & ASSOCIATES, INC. ON 4/25/2023 IN FILE "BASE-UTILITIES-04-00-23.DWG."
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  - SITE LAYOUT PROVIDED TO CEC BY PHILLIPS & ASSOCIATES, INC. ON 2/8/2023 IN FILE "DRAFT QVSD NEW HIGH SCHOOL PLAN.DWG."

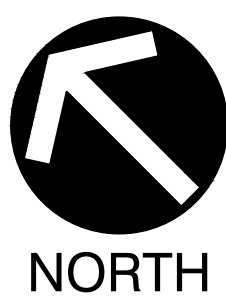
Commission	00000
Client	CJR
Designer	DJZ
Checker	CJR
Sheet Title	GRADING PLAN

Revisions	#	Description	Revision Date

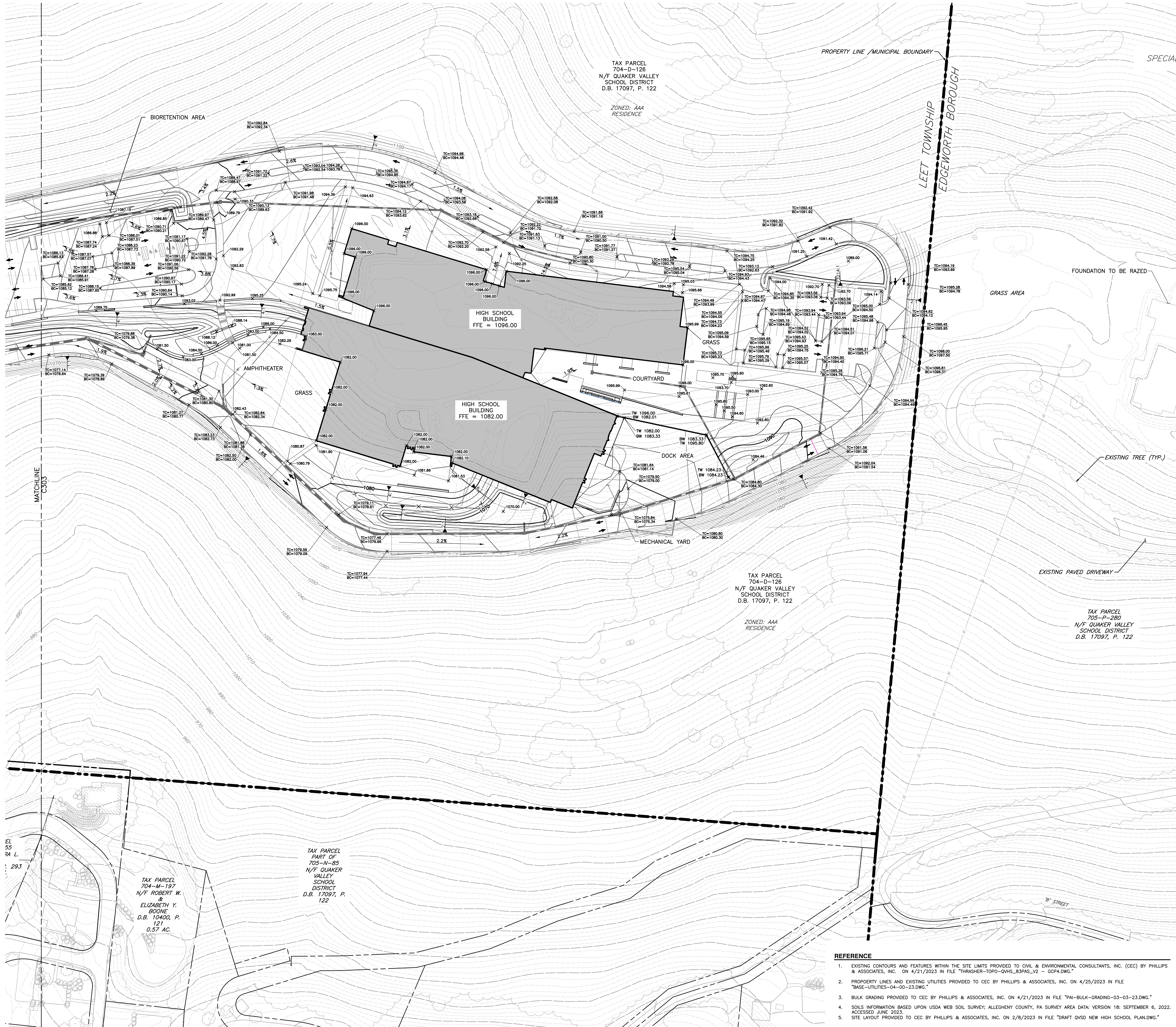
DATE PLOTTED: 11/15/2023 10:04:00 AM  
DATE: NOVEMBER 15, 2023

C303





NORTH



**LEGEND**

	EXISTING PROPERTY LINE
	EXISTING INDEX (MAJOR) CONTOUR
	EXISTING INTERMEDIATE (MINOR) CONTOUR
	EXISTING EDGE OF PAVEMENT
	EXISTING STRUCTURE
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING UTILITY POLE
	EXISTING FENCE
	PROPOSED EDGE OF PAVED DRIVE
	PROPOSED CONCRETE CURB
	PROPOSED BUILDING
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	PROPOSED FINISHED GRADE INTERMEDIATE (MINOR) CONTOUR
	PROPOSED SLOPE LABEL
	PROPOSED SPOT ELEVATION

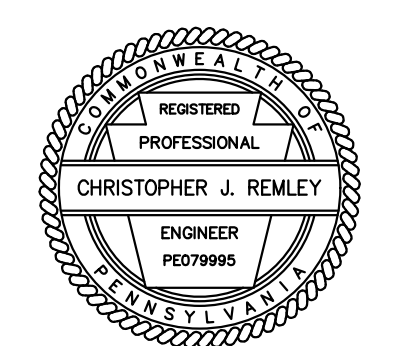
b s h m architects, inc.

Youngstown Office  
13 Central Square  
Suite 300  
Youngstown, Ohio 44503  
330.744.4401  
330.744.2370 (fax)

Columbus Office  
1005 Goodale Blvd  
Columbus, Ohio 43212  
614.447.8770

**CEC**  
Civil & Environmental  
Consultants, Inc.  
700 CHERMINGTON PARKWAY - BOON TOWNSHIP, PA 15108  
412-429-2324 - 800-368-2324  
www.cec.com

# QUAKER VALLEY SCHOOL DISTRICT NEW QUAKER VALLEY HIGH SCHOOL LEETSDALE, PA 15056



Commission	00000
Drawn	CJR
Checked	DJZ
Sheet Title	GRADING PLAN

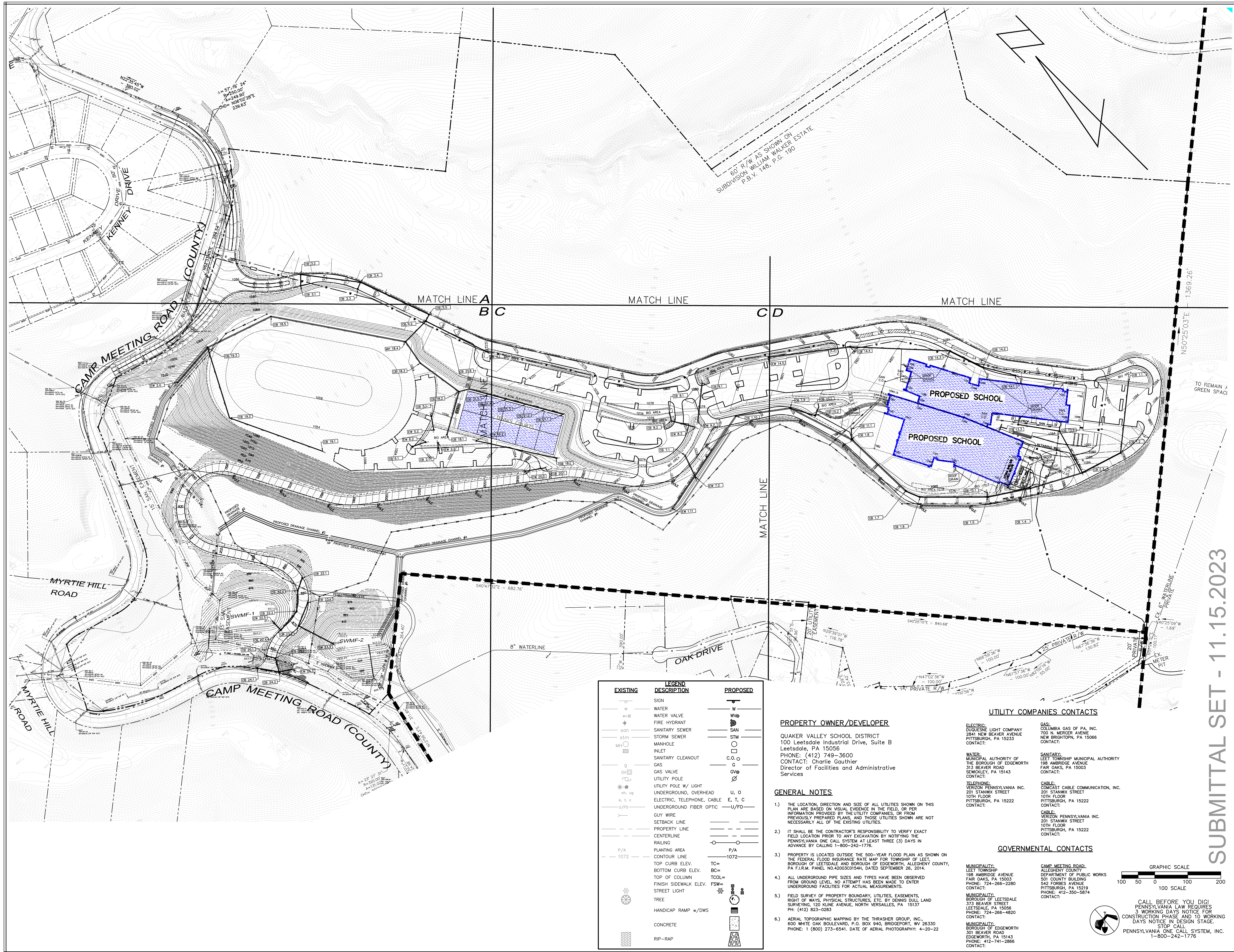
Revisions	Description	Revision Date

NOVEMBER 15, 2023

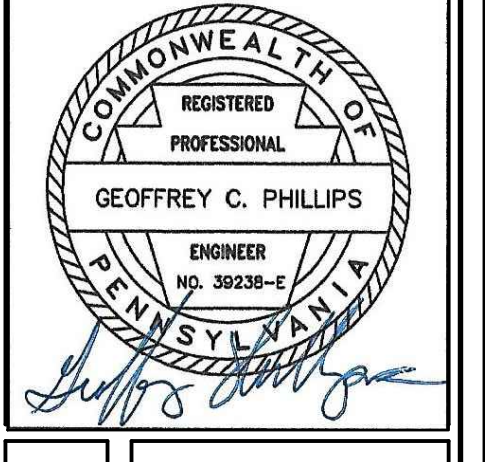
C304

- REFERENCE**
- EXISTING CONTOURS AND FEATURES WITHIN THE SITE LIMITS PROVIDED TO CIVIL & ENVIRONMENTAL CONSULTANTS, INC. (CEC) BY PHILLIPS & ASSOCIATES, INC. ON 4/21/2023 IN FILE "THRASHER-TOPO-QVHS\_83PAS\_V2 - GCP4.DWG."
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  - SITE LAYOUT PROVIDED TO CEC BY PHILLIPS & ASSOCIATES, INC. ON 2/8/2023 IN FILE "DRAFT QVSD NEW HIGH SCHOOL PLAN.DWG."





NO.	REVISION DESCRIPTION
1	
2	
3	
4	
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7	
8	



**STORM DRAINAGE PLAN**

**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT

SUBMITTAL SET - 11.15.2023

EXISTING	LEGEND DESCRIPTION	PROPOSED
□	SIGN	□
w	WATER	w
w@	WATER VALVE	w@
⊕	FIRE HYDRANT	⊕
stm	SANITARY SEWER	stm
stm	STORM SEWER	stm
MH	MANHOLE	MH
INLET	INLET	INLET
○	SANITARY CLEANOUT	○
g	GAS	g
gv	GAS VALVE	gv
U	UTILITY POLE	U
U/L	UTILITY POLE W/ LIGHT	U/L
U/O	UNDERGROUND, OVERHEAD	U, O
E, T, C	ELECTRIC, TELEPHONE, CABLE	E, T, C
U/F	UNDERGROUND FIBER OPTIC	U/F
—	GLY WIRE	—
—	SETBACK LINE	—
—	PROPERTY LINE	—
—	CENTERLINE	—
—	RAILING	—
P/A	PLANTING AREA	P/A
1072	CONTOUR LINE	1072
TC=	TOP CURB ELEV.	TC=
BC=	BOTTOM CURB ELEV.	BC=
TCOL=	TOP OF COLUMN	TCOL=
FSW=	FINISH SIDEWALK ELEV.	FSW=
—	STREET LIGHT	—
—	TREE	—
—	HANDICAP RAMP w/DWS	—
—	CONCRETE	—
—	RIP-RAP	—

**PROPERTY OWNER/DEVELOPER**

QUAKER VALLEY SCHOOL DISTRICT  
 100 Leetsdale Industrial Drive, Suite B  
 Leetsdale, PA 15056  
 PHONE: (412) 749-3600  
 CONTACT: Charlie Gauthier  
 Director of Facilities and Administrative Services

**GENERAL NOTES**

- THE LOCATION, DIRECTION AND SIZE OF ALL UTILITIES SHOWN ON THIS PLAN ARE BASED ON VISUAL EVIDENCE IN THE FIELD, OR PER INFORMATION PROVIDED BY THE UTILITY COMPANIES, OR FROM PREVIOUSLY PREPARED PLANS, AND THOSE UTILITIES SHOWN ARE NOT NECESSARILY ALL OF THE EXISTING UTILITIES.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXACT FIELD LOCATION PRIOR TO ANY EXCAVATION BY NOTIFYING THE PENNSYLVANIA ONE CALL SYSTEM AT LEAST THREE (3) DAYS IN ADVANCE BY CALLING 1-800-242-1776.
- PROPERTY IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAIN AS SHOWN ON THE FEDERAL FLOOD INSURANCE RATE MAP FOR TOWNSHIP OF LEET, BOROUGH OF LEETSDALE AND BOROUGH OF EDGEWORTH, ALLEGHENY COUNTY, PA F.I.R.M. PANEL NO.42003C0154H, DATED SEPTEMBER 26, 2014.
- ALL UNDERGROUND PIPE SIZES AND TYPES HAVE BEEN OBSERVED FROM GROUND LEVEL. NO ATTEMPT HAS BEEN MADE TO ENTER UNDERGROUND FACILITIES FOR ACTUAL MEASUREMENTS.
- FIELD SURVEY OF PROPERTY BOUNDARY, UTILITIES, EASEMENTS, RIGHT OF WAYS, PHYSICAL STRUCTURES, ETC. BY DENNIS DULL LAND SURVEYING, 120 KLINE AVENUE, NORTH VERSAILLES, PA 15137 PH: (412) 823-0283
- AERIAL TOPOGRAPHIC MAPPING BY THE THRASHER GROUP, INC., 600 WHITE OAK BOULEVARD, P.O. BOX 940, BRIDGEPORT, WV 26330 PHONE: 1 (800) 273-6541. DATE OF AERIAL PHOTOGRAPHY: 4-20-22

**UTILITY COMPANIES CONTACTS**

**ELECTRIC:**  
 DUQUESNE LIGHT COMPANY  
 2841 NEW BEAVER AVENUE  
 PITTSBURGH, PA 15233  
 CONTACT:

**WATER:**  
 MUNICIPAL AUTHORITY OF THE BOROUGH OF EDGEWORTH  
 313 BEAVER ROAD  
 SEWICKLEY, PA 15143  
 CONTACT:

**TELEPHONE:**  
 VERIZON PENNSYLVANIA INC.  
 201 STANWIX STREET  
 10TH FLOOR  
 PITTSBURGH, PA 15222  
 CONTACT:

**GAS:**  
 COLUMBIA GAS OF PA, INC.  
 700 W. MERCER AVENUE  
 NEW BRITTON, PA 15066  
 CONTACT:

**SANITARY:**  
 LEET TOWNSHIP MUNICIPAL AUTHORITY  
 198 AMBRIDGE AVENUE  
 FAIR OAKS, PA 15003  
 CONTACT:

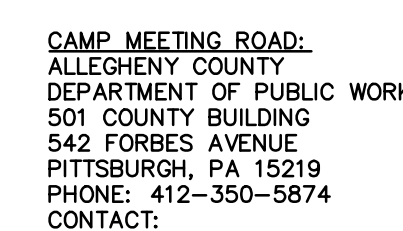
**CABLE:**  
 COMCAST CABLE COMMUNICATION, INC.  
 201 STANWIX STREET  
 10TH FLOOR  
 PITTSBURGH, PA 15222  
 CONTACT:

**MUNICIPALITY:**  
 LEET TOWNSHIP  
 198 AMBRIDGE AVENUE  
 FAIR OAKS, PA 15003  
 PHONE: 724-266-2280  
 CONTACT:

**MUNICIPALITY:**  
 BOROUGH OF LEETSDALE  
 373 BEAVER STREET  
 LEETSDALE, PA 15056  
 PHONE: 724-266-4820  
 CONTACT:

**MUNICIPALITY:**  
 BOROUGH OF EDGEWORTH  
 301 BEAVER ROAD  
 EDGEWORTH, PA 15143  
 PHONE: 412-741-2886  
 CONTACT:

**GOVERNMENTAL CONTACTS**



CALL BEFORE YOU DIG!  
 PENNSYLVANIA LAW REQUIRES  
 3 WORKING DAYS NOTICE FOR  
 CONSTRUCTION PHASE AND 10 WORKING  
 DAYS NOTICE IN DESIGN STAGE.  
 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776

1122 MOSSIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4090  
 FAX (412) 825-4092

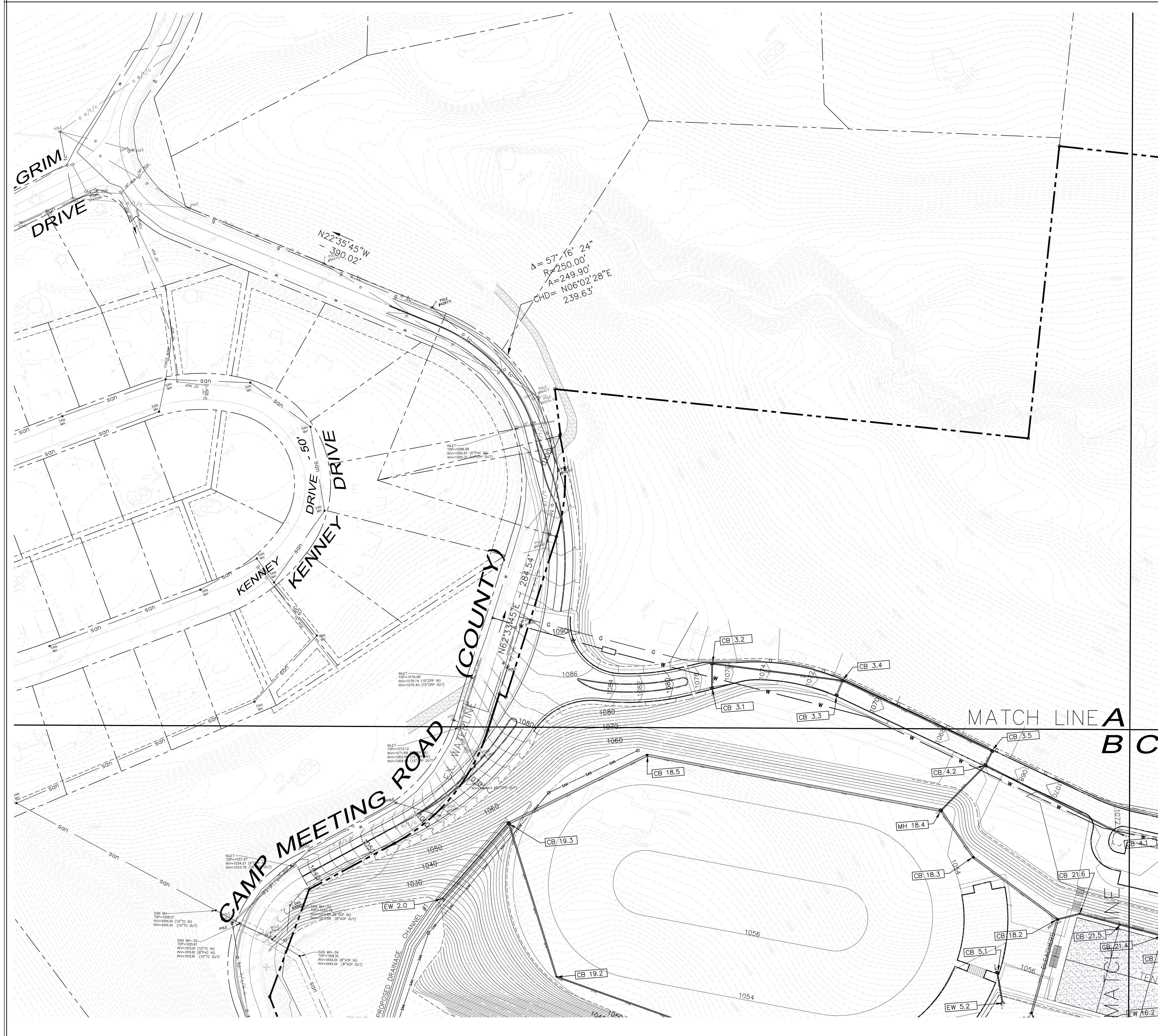
**PHILLIPS & ASSOCIATES, INC.**  
 ENGINEERING & PLANNING  
 CONSULTING

DRAWN BY:  
 CHECKED BY:

SCALE: 1"=100'  
 DATE: 11/01/23

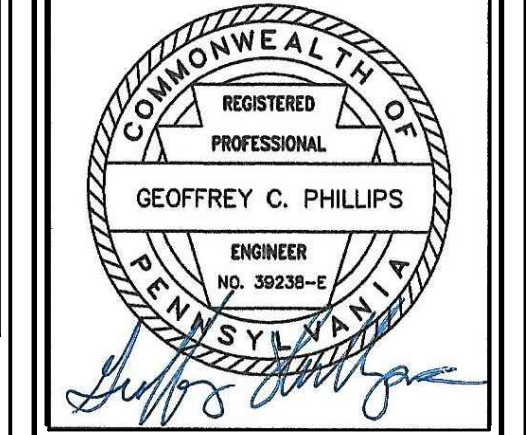
JOB NUMBER: 22-003

SHEET NUMBER: SD|00



EXISTING	LEGEND DESCRIPTION	PROPOSED
(Symbol)	SIGN	(Symbol)
(Symbol)	WATER	(Symbol)
(Symbol)	FIRE HYDRANT	(Symbol)
(Symbol)	SANITARY SEWER	(Symbol)
(Symbol)	STORM SEWER	(Symbol)
(Symbol)	MANHOLE	(Symbol)
(Symbol)	INLET	(Symbol)
(Symbol)	SANITARY CLEANOUT	(Symbol)
(Symbol)	GAS	(Symbol)
(Symbol)	GAS VALVE	(Symbol)
(Symbol)	UTILITY POLE	(Symbol)
(Symbol)	UTILITY POLE W/ LIGHT	(Symbol)
(Symbol)	UNDERGROUND, OVERHEAD	(Symbol)
(Symbol)	ELECTRIC, TELEPHONE, CABLE	(Symbol)
(Symbol)	UNDERGROUND FIBER OPTIC	(Symbol)
(Symbol)	GUY WIRE	(Symbol)
(Symbol)	SETBACK LINE	(Symbol)
(Symbol)	PROPERTY LINE	(Symbol)
(Symbol)	CENTERLINE	(Symbol)
(Symbol)	RAILING	(Symbol)
(Symbol)	PLANTING AREA	(Symbol)
(Symbol)	CONTOUR LINE	(Symbol)
(Symbol)	TOP CURB ELEV.	(Symbol)
(Symbol)	BOTTOM CURB ELEV.	(Symbol)
(Symbol)	TOP OF COLUMN	(Symbol)
(Symbol)	FINISH SIDEWALK ELEV.	(Symbol)
(Symbol)	STREET LIGHT	(Symbol)
(Symbol)	TREE	(Symbol)
(Symbol)	HANDICAP RAMP w/DWS	(Symbol)
(Symbol)	CONCRETE	(Symbol)
(Symbol)	RIP-RAP	(Symbol)

NO.	REVISION DESCRIPTION
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2	
3	
4	
5	
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7	
8	
9	

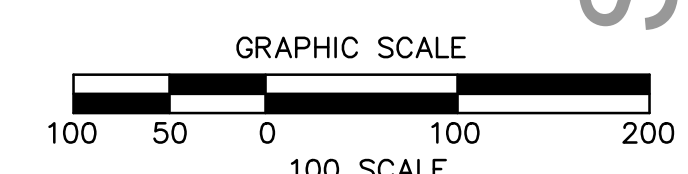


**STORM DRAINAGE PLAN**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT

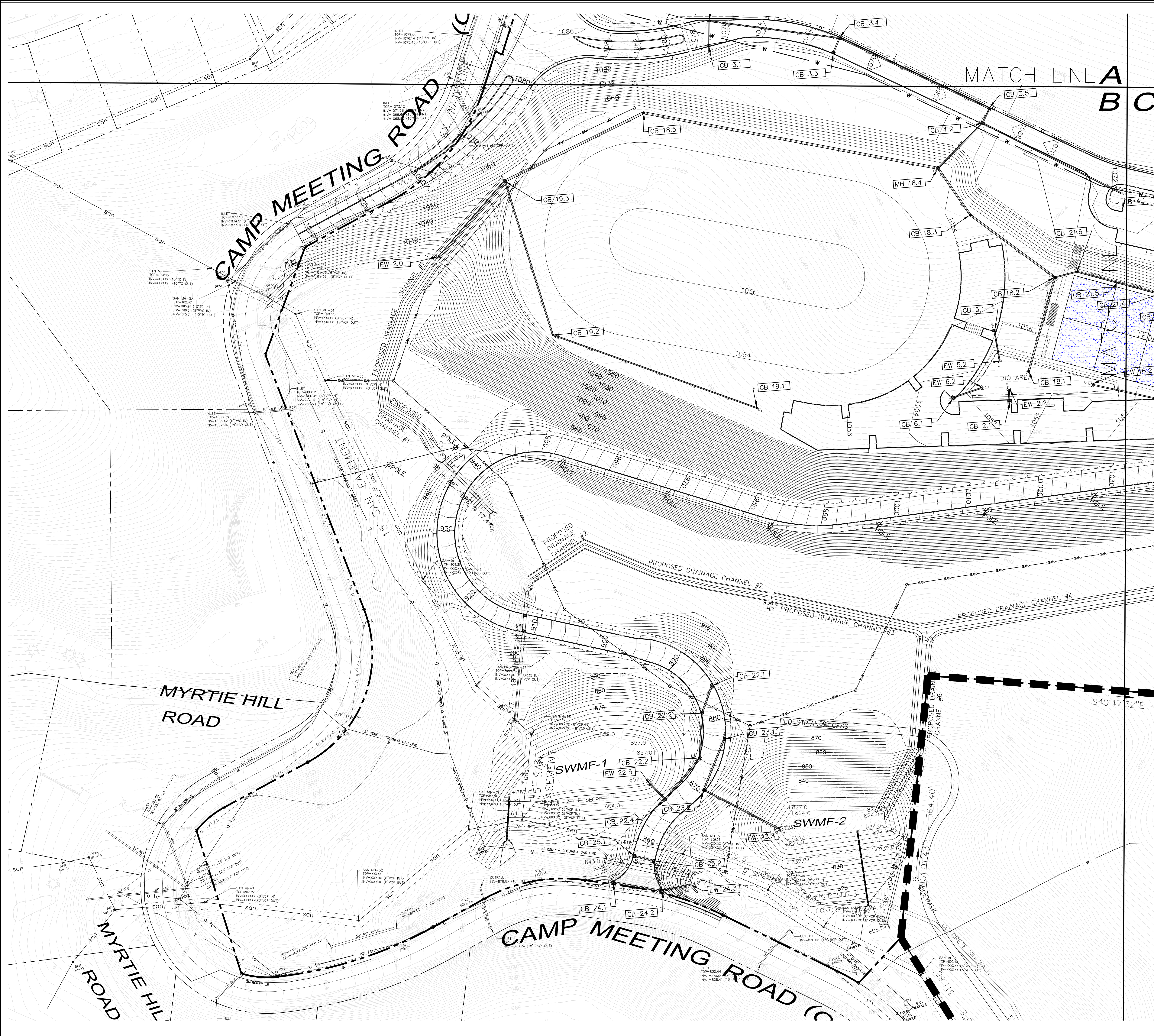
**SUBMITTAL SET - 11.15.2023**

**PHILLIPS & ASSOCIATES, INC.**  
 ENGINEERING & PLANNING  
 CONSTRUCTION

DRAWN BY: CHECKED BY:	
SCALE 1" = 100'	DATE 11/01/23
JOB NUMBER 22-023	
SHEET NUMBER SD200A	

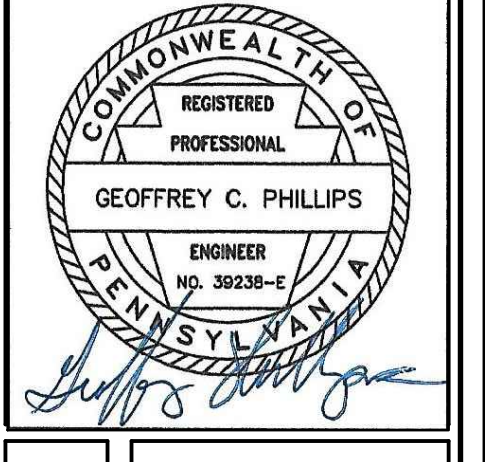


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 DAYS NOTICE IN DESIGN STAGE.  
 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776



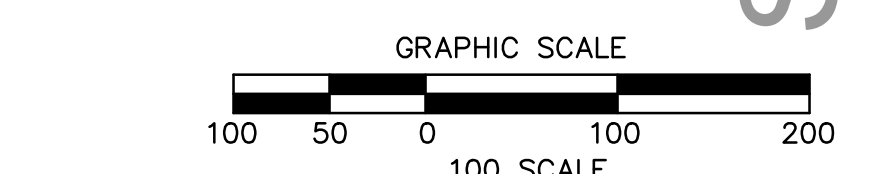
EXISTING	LEGEND DESCRIPTION	PROPOSED
W	SIGN	W
W@	WATER VALVE	W@
W@H	FIRE HYDRANT	W@H
san	SANITARY SEWER	san
stm	STORM SEWER	stm
MH	MANHOLE	MH
INLET	INLET	INLET
g	SANITARY CLEANOUT	C.O.
g	GAS	g
g@	GAS VALVE	g@
U/P	UTILITY POLE	U/P
U/P W/L	UTILITY POLE W/ LIGHT	U/P W/L
U/T	UNDERGROUND, OVERHEAD	U, T, C
E, T, C	ELECTRIC, TELEPHONE, CABLE	E, T, C
U/FO	UNDERGROUND FIBER OPTIC	U/FO
GUY WIRE	GUY WIRE	GUY WIRE
SETBACK LINE	SETBACK LINE	SETBACK LINE
PROPERTY LINE	PROPERTY LINE	PROPERTY LINE
CENTERLINE	CENTERLINE	CENTERLINE
RAILING	RAILING	RAILING
P/A	PLANTING AREA	P/A
1072	CONTOUR LINE	1072
TC=	TOP CURB ELEV.	TC=
BC=	BOTTOM CURB ELEV.	BC=
TCOL=	TOP OF COLUMN	TCOL=
FSW=	FINISH SIDEWALK ELEV.	FSW=
STREET LIGHT	STREET LIGHT	STREET LIGHT
TREE	TREE	TREE
HANDICAP RAMP w/DWS	HANDICAP RAMP w/DWS	HANDICAP RAMP w/DWS
CONCRETE	CONCRETE	CONCRETE
RIP-RAP	RIP-RAP	RIP-RAP

NO.	REVISION DESCRIPTION
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**STORM DRAINAGE PLAN**  
**NEW GUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 GUAKER VALLEY SCHOOL DISTRICT

SUBMITTAL SET - 11.15.2023



CALL BEFORE YOU DIG!  
 PENNSYLVANIA LAW REQUIRES  
 3 WORKING DAYS NOTICE FOR  
 CONSTRUCTION PHASE AND 10 WORKING  
 DAYS NOTICE IN DESIGN STAGE.  
 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776

1122 MOSSIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4090  
 FAX (412) 825-4092

**PHILLIPS & ASSOCIATES, INC.**  
 ENGINEERING & PLANNING  
 CONSULTING

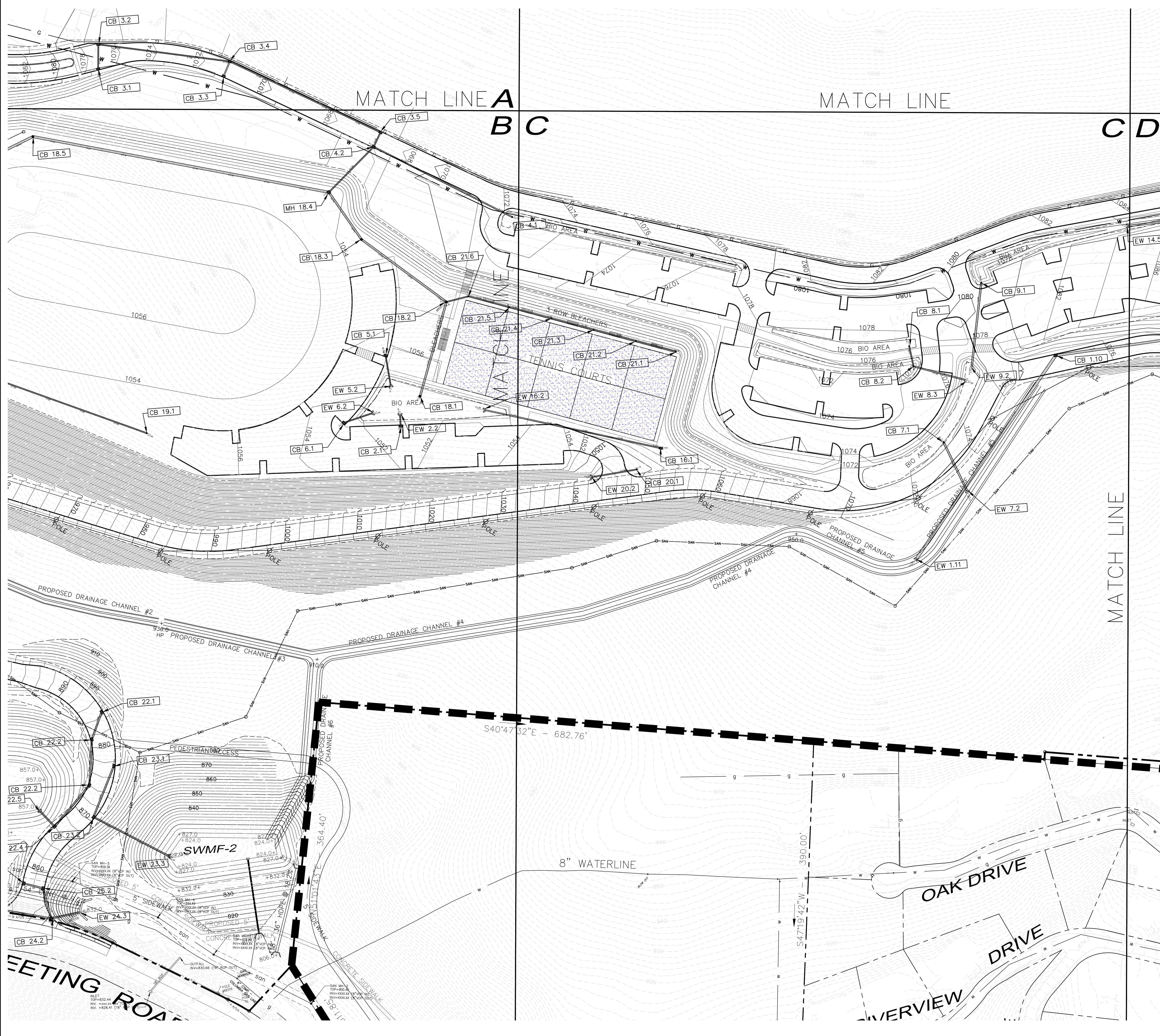
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 CHECKED BY:

SCALE: 1" = 100'      DATE: 11/01/23

JOB NUMBER:  
 22-023

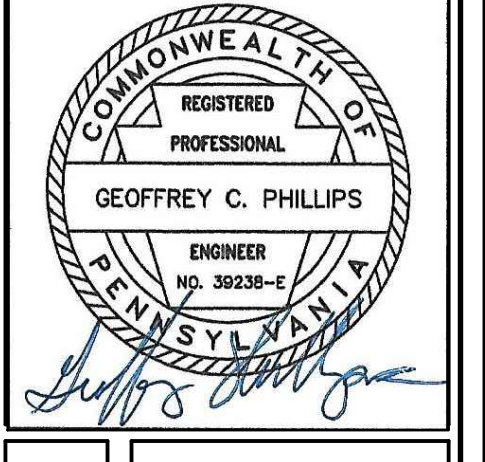
SHEET NUMBER:  
**SD200B**





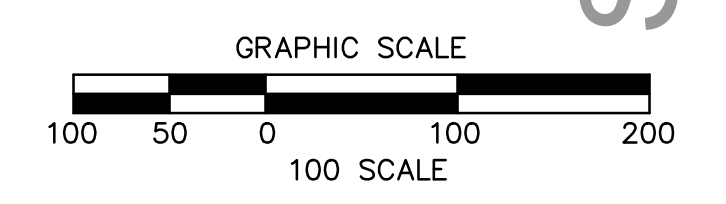
EXISTING	LEGEND DESCRIPTION	PROPOSED
—	SIGN	—
W	WATER	W
WV	WATER VALVE	WV
+	FIRE HYDRANT	+
sqn	SANITARY SEWER	SAN
strn	STORM SEWER	STM
MH	MANHOLE	□
○	INLET	○
○	SANITARY CLEANOUT	○
g	GAS	g
gV	GAS VALVE	gV
U	UTILITY POLE	U
U/L	UTILITY POLE W/ LIGHT	U/L
U/T	UTILITY POLE W/ TELEPHONE	U/T
U/C	UTILITY POLE W/ CABLE	U/C
U/FO	UTILITY POLE W/ FIBER OPTIC	U/FO
—	GUY WIRE	—
—	SETBACK LINE	—
—	PROPERTY LINE	—
—	CENTERLINE	—
—	RAILING	—
P/A	PLANTING AREA	P/A
1072	CONTOUR LINE	1072
TC=	TOP CURB ELEV.	TC=
BC=	BOTTOM CURB ELEV.	BC=
TOP OF COLUMN	TOP OF COLUMN	TOP OF COLUMN
FSW=	FINISH SIDEWALK ELEV.	FSW=
STREET LIGHT	STREET LIGHT	STREET LIGHT
TREE	TREE	TREE
HANDICAP RAMP w/DWS	HANDICAP RAMP w/DWS	HANDICAP RAMP w/DWS
CONCRETE	CONCRETE	CONCRETE
RIP-RAP	RIP-RAP	RIP-RAP

NO.	REVISION DESCRIPTION
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**STORM DRAINAGE PLAN**  
**NEW GUAKEr VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 GUAKEr VALLEY SCHOOL DISTRICT

SUBMITTAL SET - 11.15.2023



CALL BEFORE YOU DIG!  
 PENNSYLVANIA LAW REQUIRES  
 3 WORKING DAYS NOTICE FOR  
 CONSTRUCTION PHASE AND 10 WORKING  
 DAYS NOTICE IN DESIGN STAGE.  
 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776

1122 MOSSIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4040  
 FAX (412) 825-4042

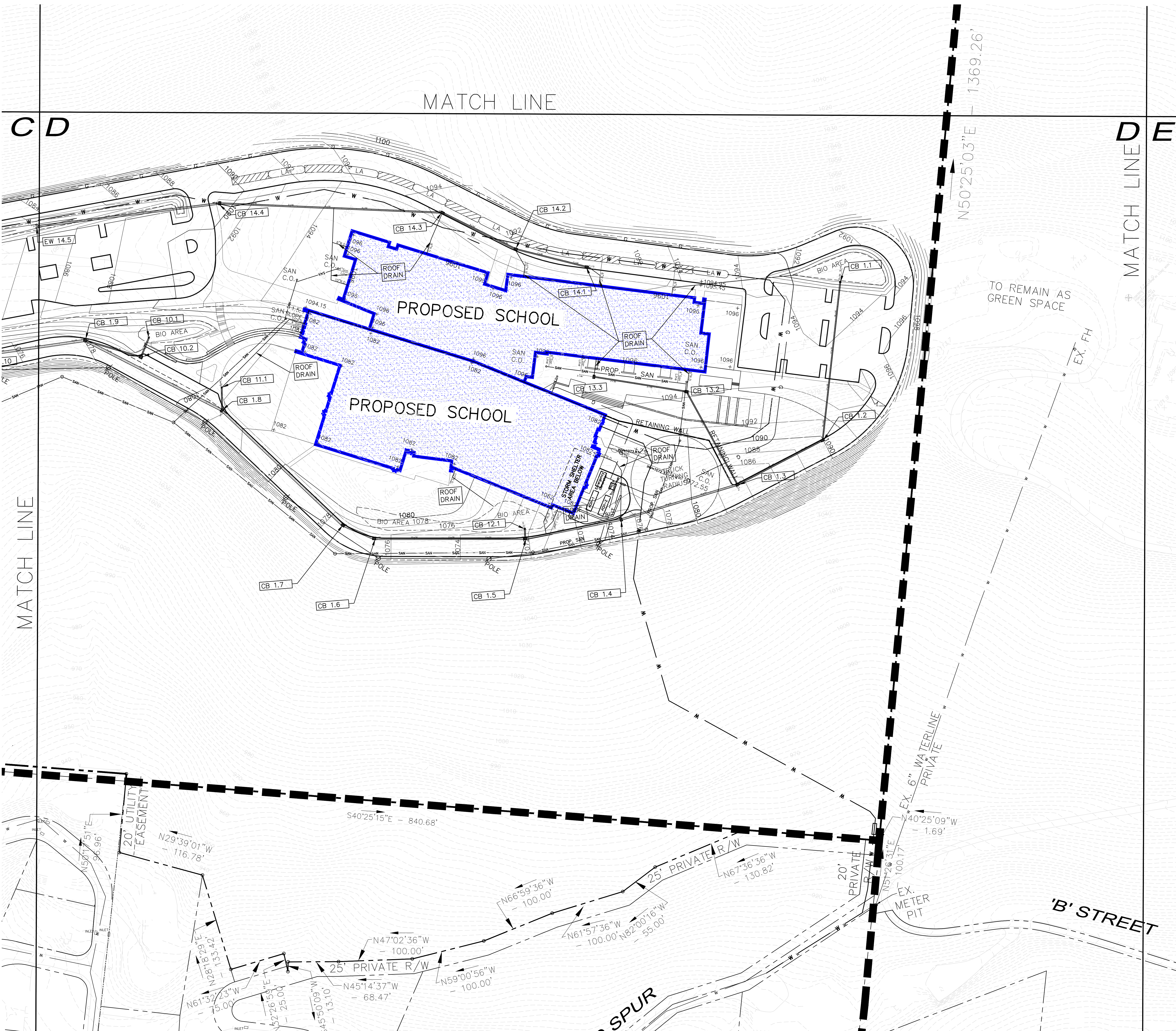
**PHILLIPS & ASSOCIATES, INC.**  
 ENGINEERING & PLANNING  
 CONSULTING

DRAWN BY:  
 CHECKED BY:

SCALE: 1"=100' DATE: 11/01/23

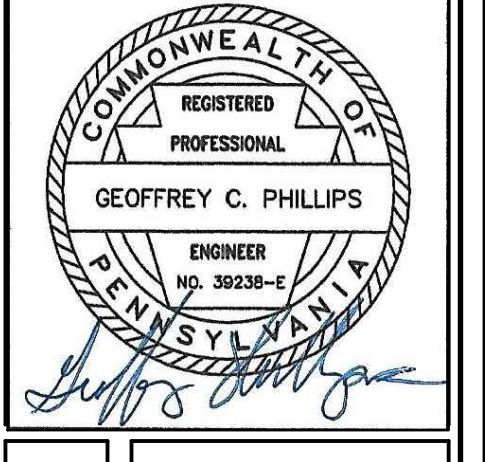
JOB NUMBER: 22-003

SHEET NUMBER: SD200C



EXISTING	LEGEND DESCRIPTION	PROPOSED
—	SIGN	—
W	WATER	W
WV	WATER VALVE	WV
+	FIRE HYDRANT	+
san	SANITARY SEWER	SAN
stm	STORM SEWER	STM
MH	MANHOLE	MH
○	INLET	○
○	SANITARY CLEANOUT	○
G	GAS	G
G	GAS VALVE	G
U	UTILITY POLE	U
U	UTILITY POLE W/ LIGHT	U
E, T, C	UNDERGROUND, OVERHEAD ELECTRIC, TELEPHONE, CABLE	E, T, C
U/FO	UNDERGROUND FIBER OPTIC	U/FO
—	GUY WIRE	—
—	SETBACK LINE	—
—	PROPERTY LINE	—
—	CENTERLINE	—
—	RAILING	—
P/A	PLANTING AREA	P/A
1072	CONTOUR LINE	1072
—	TOP CURB ELEV.	TC=
—	BOTTOM CURB ELEV.	BC=
—	TOP OF COLUMN	TCOL=
—	FINISH SIDEWALK ELEV.	FSW=
—	STREET LIGHT	—
—	TREE	—
—	HANDICAP RAMP w/DWS	—
—	CONCRETE	—
—	RIP-RAP	—

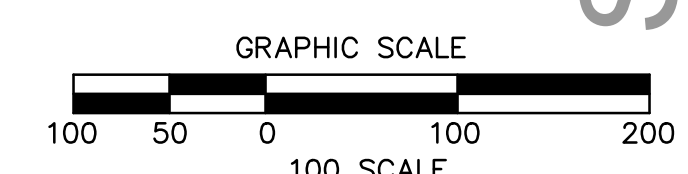
NO.	REVISION DESCRIPTION
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**STORM DRAINAGE PLAN**  
**NEW GUAKE VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 GUAKE VALLEY SCHOOL DISTRICT

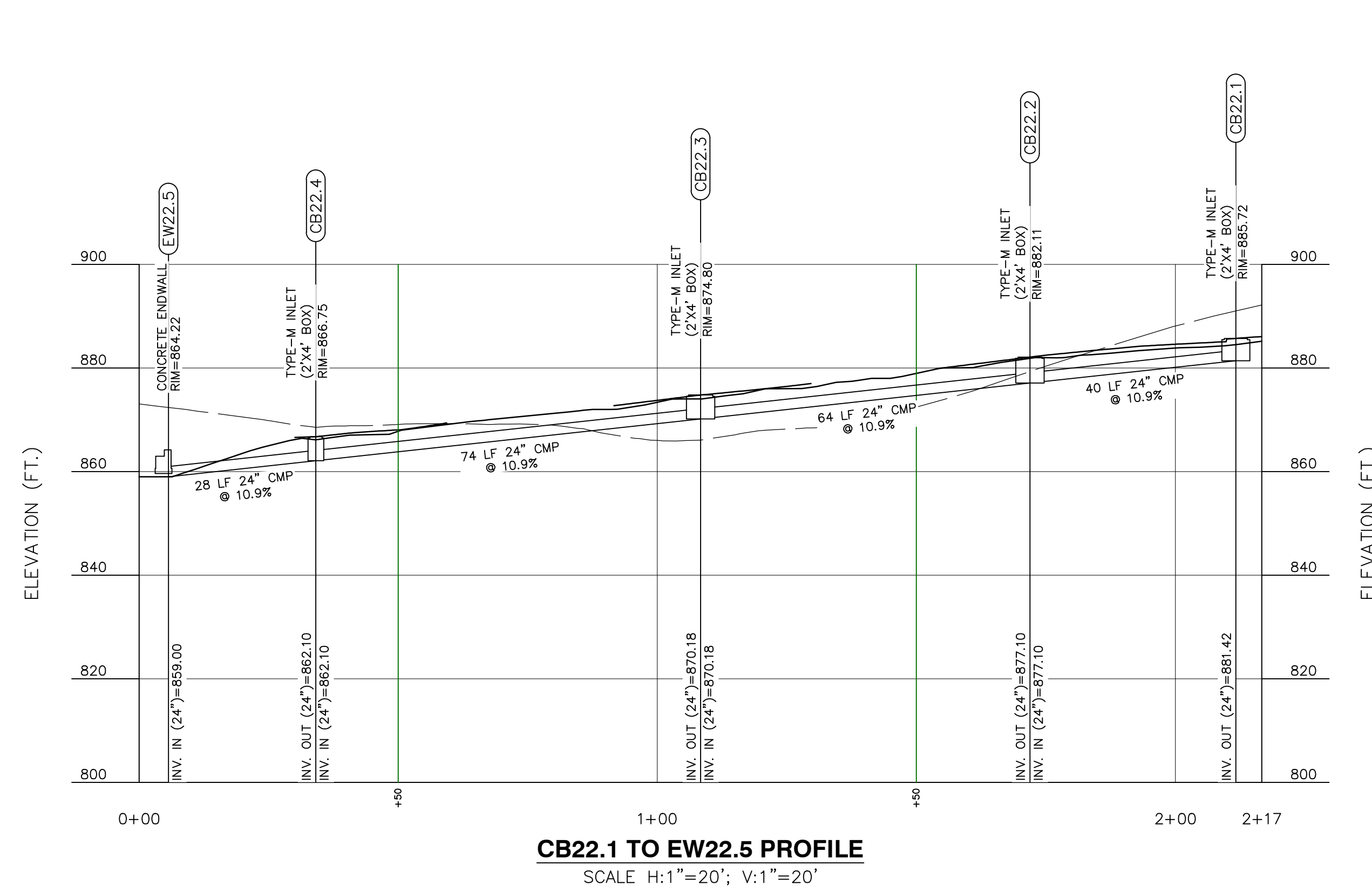
1122 MOSSIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4040  
 FAX (412) 825-4042

SUBMITTAL SET - 11.15.2023

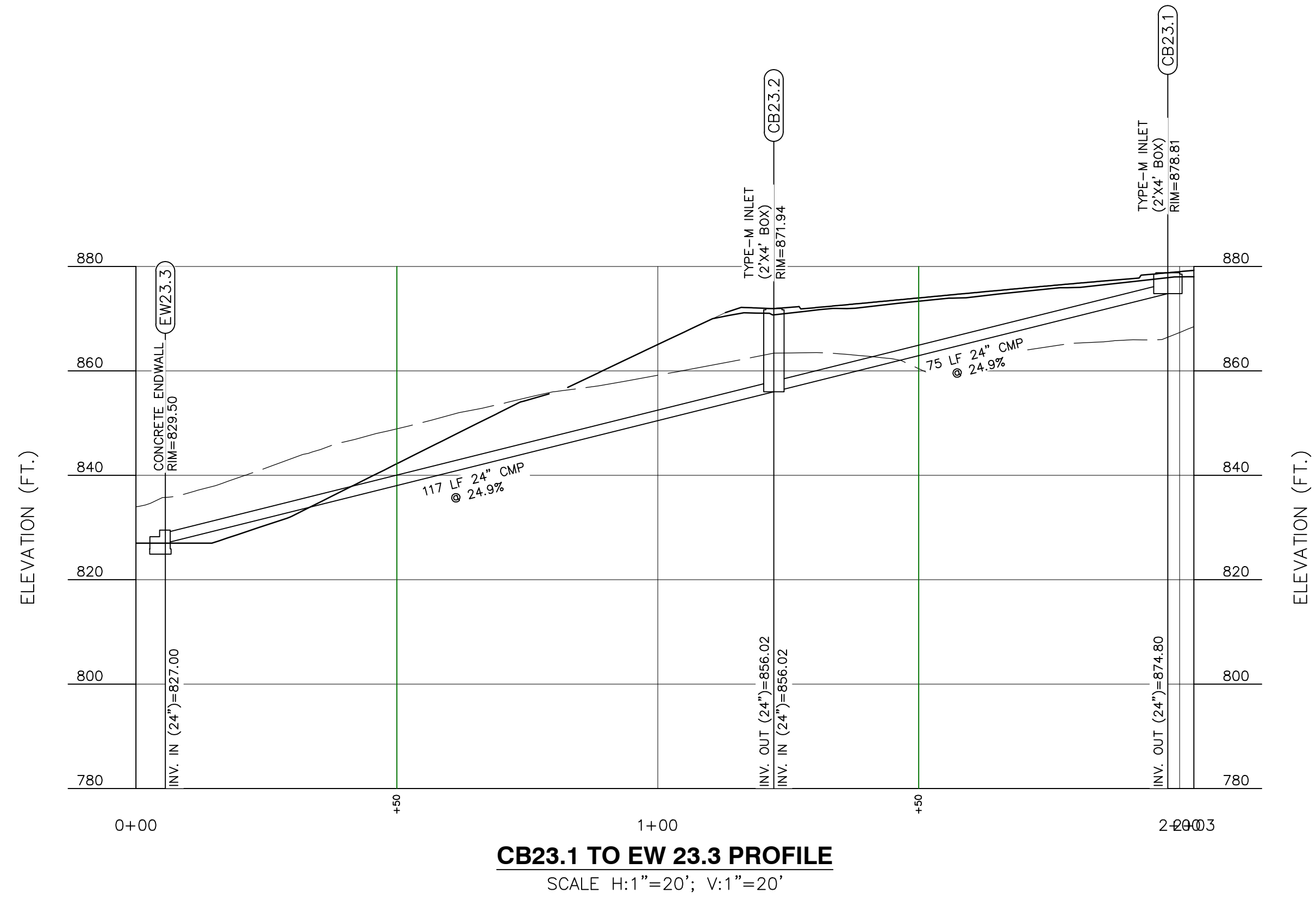


CALL BEFORE YOU DIG!  
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 3 WORKING DAYS NOTICE FOR  
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 DAYS NOTICE IN DESIGN STAGE.  
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 1-800-242-1776

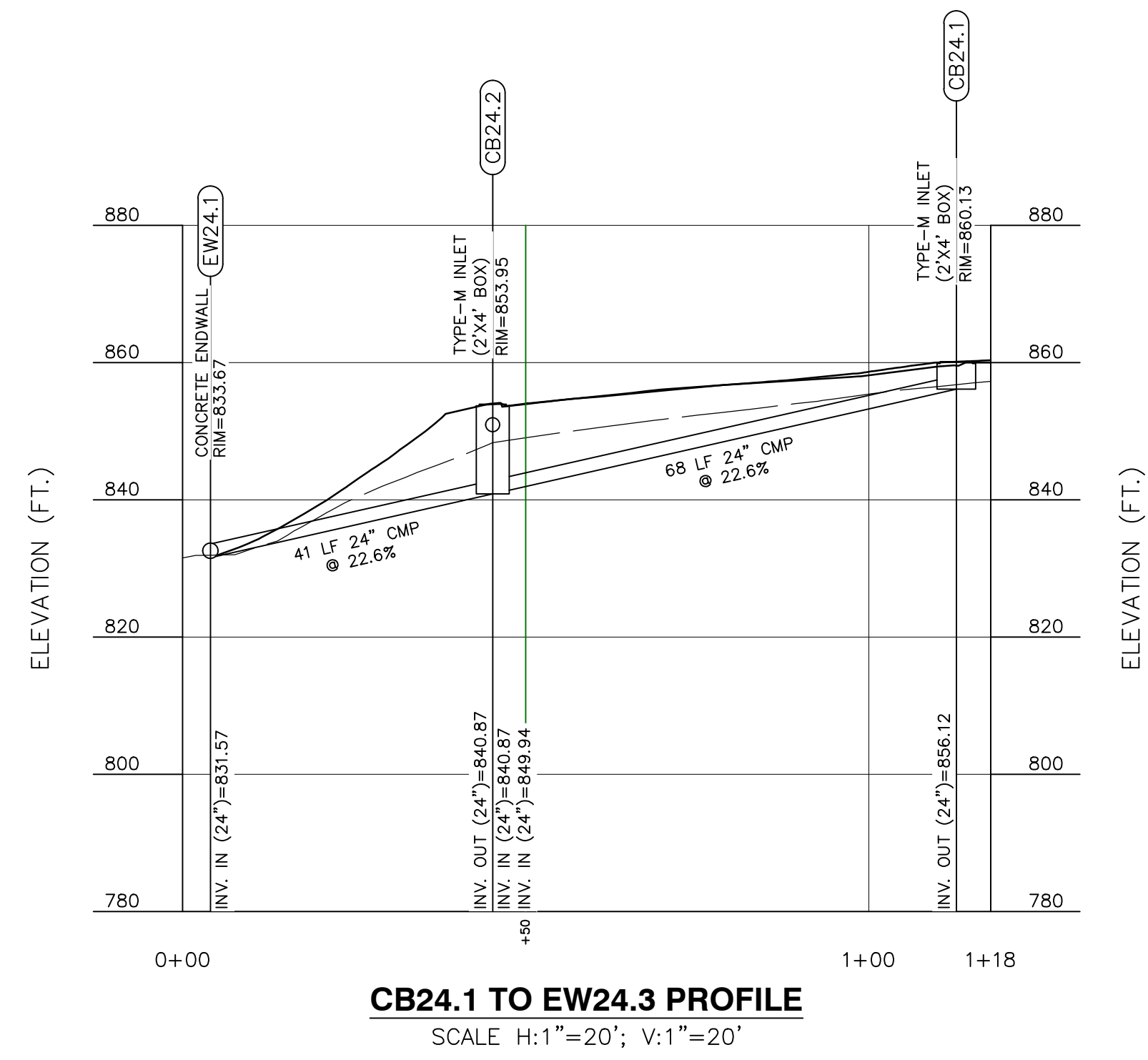
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SCALE 1"=100'	DATE 11/01/23
JOB NUMBER 22-003	SHEET NUMBER SD200D



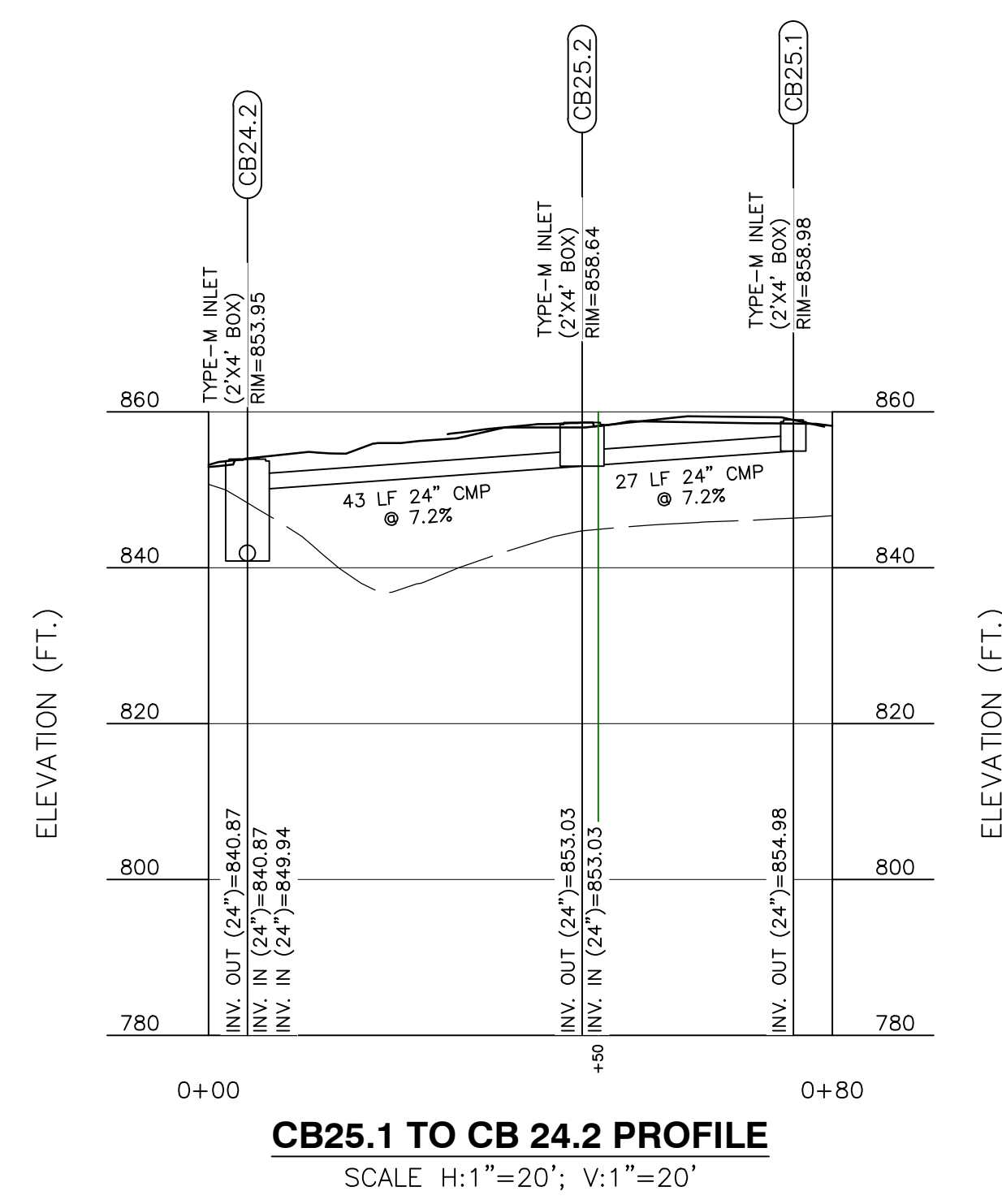
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SCALE H:1"=20'; V:1"=20'



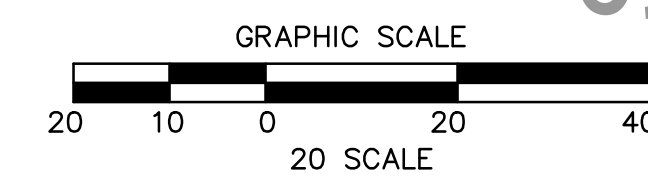
**CB23.1 TO EW 23.3 PROFILE**  
SCALE H:1"=20'; V:1"=20'



**CB24.1 TO EW24.3 PROFILE**  
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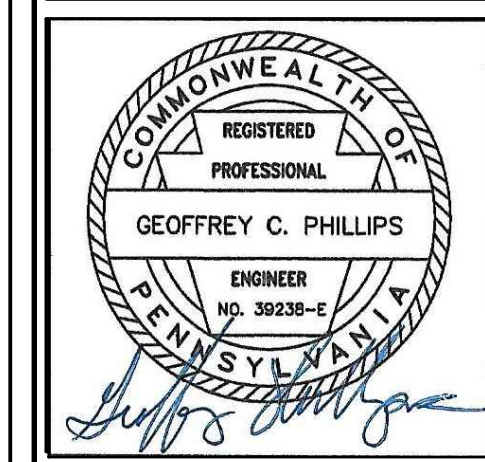


**CB25.1 TO CB 24.2 PROFILE**  
SCALE H:1"=20'; V:1"=20'



CALL BEFORE YOU DIG!  
PENNSYLVANIA LAW REQUIRES  
3 WORKING DAYS NOTICE FOR  
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DAYS NOTICE IN DESIGN STAGE.  
STOP CALL  
PENNSYLVANIA ONE CALL SYSTEM, INC.  
1-800-242-1776

NO.	REVISION DESCRIPTION
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**STORM DRAINAGE PROFILES**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
210 Camp Meeting Road  
Sewickley, Allegheny County, Pennsylvania  
QUAKER VALLEY SCHOOL DISTRICT

1122 MOSSIDE BOULEVARD  
WALL, PENNSYLVANIA 15146  
PHONE (412) 825-4090  
FAX (412) 825-4092

**PHILLIPS**  
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ENGINEERING & PLANNING  
CONSTRUCTION

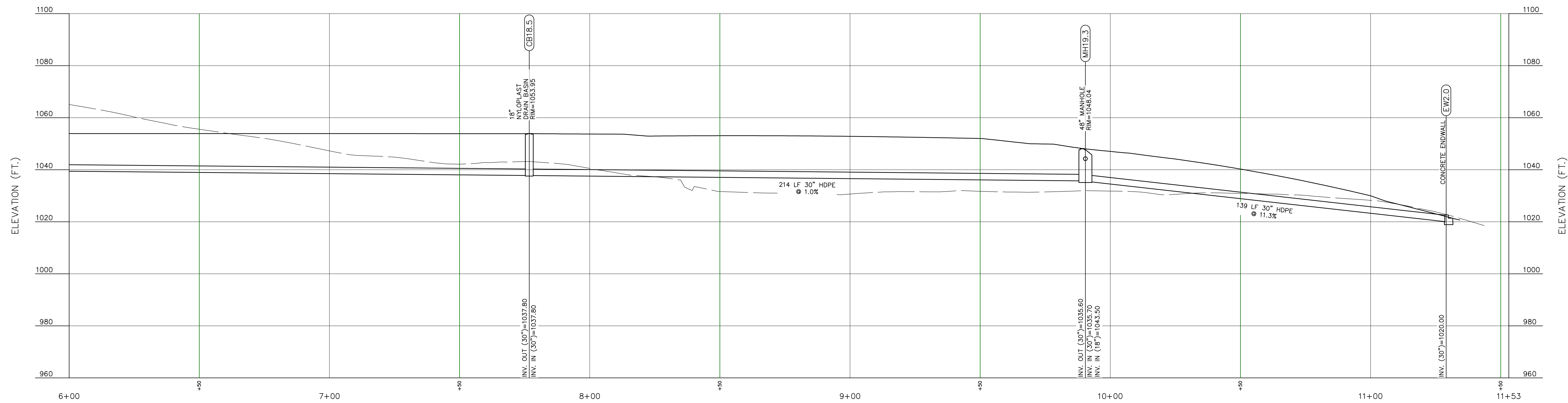
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SCALE: Profiles      DATE: 11/01/23

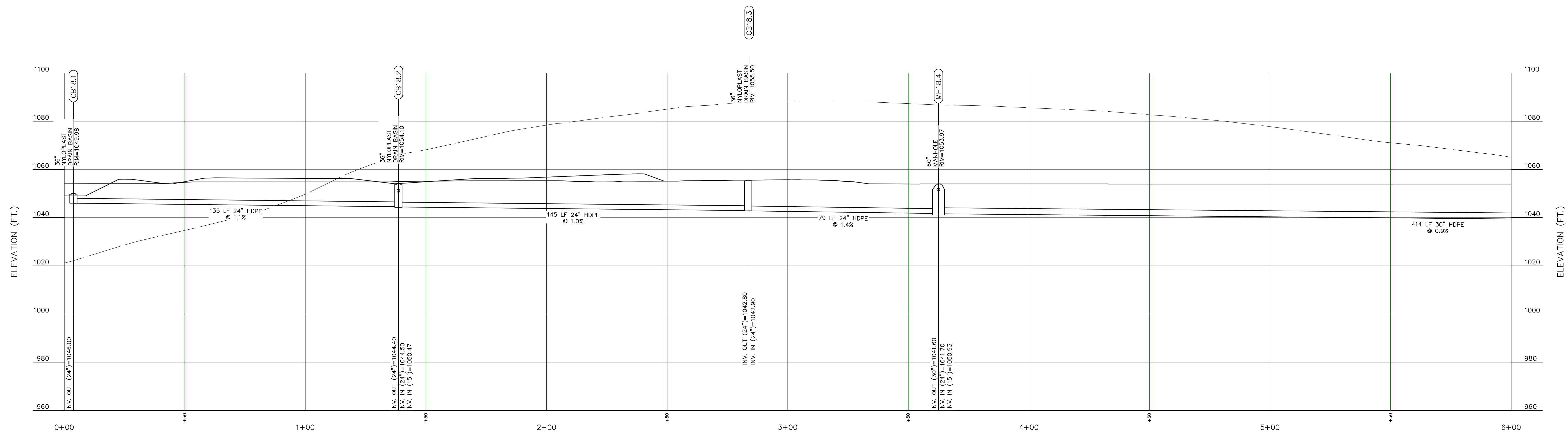
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SHEET NUMBER: SD201

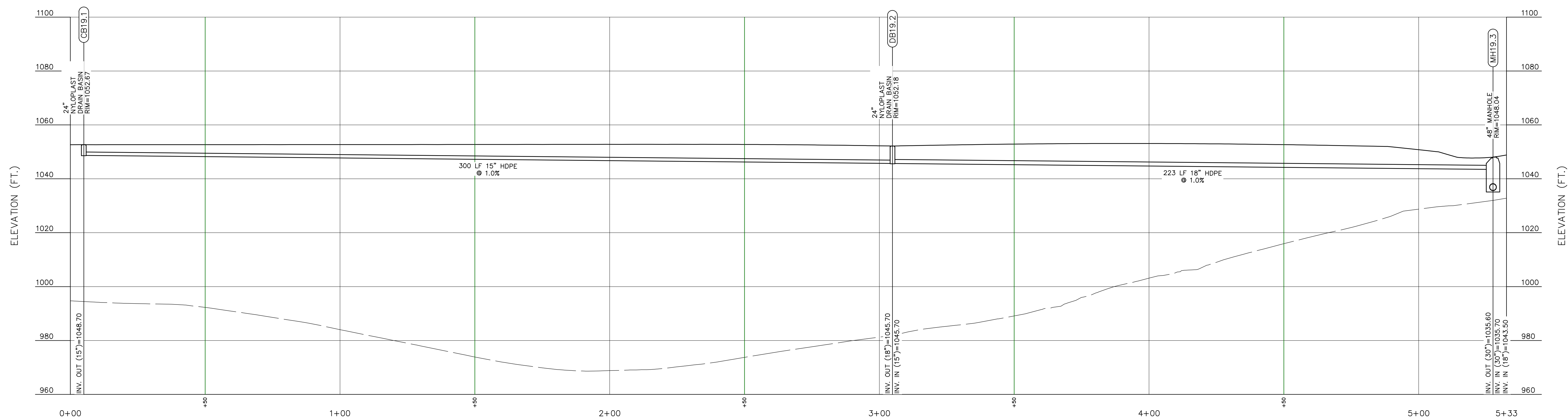
SUBMITTAL SET - 11.15.2023



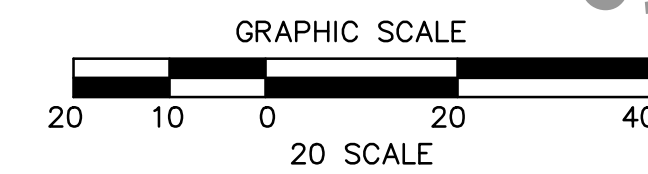
**CB18.1 TO EW2.0 PROFILE**  
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**CB18.1 TO EW2.0 PROFILE**  
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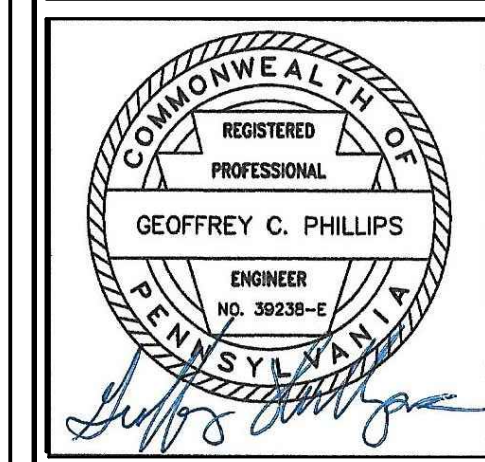


**CB19.1 TO MH19.3 PROFILE**  
SCALE H:1"=20'; V:1"=20'



CALL BEFORE YOU DIG!  
PENNSYLVANIA LAW REQUIRES  
5 WORKING DAYS NOTICE FOR  
CONSTRUCTION PHASE AND 10 WORKING  
DAYS NOTICE IN DESIGN STAGE.  
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1-800-242-1776

NO.	REVISION DESCRIPTION
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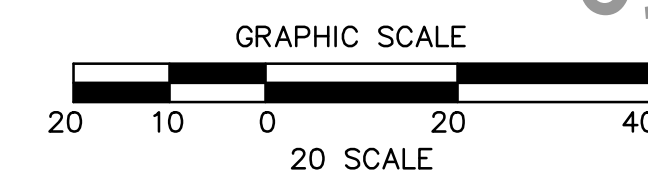
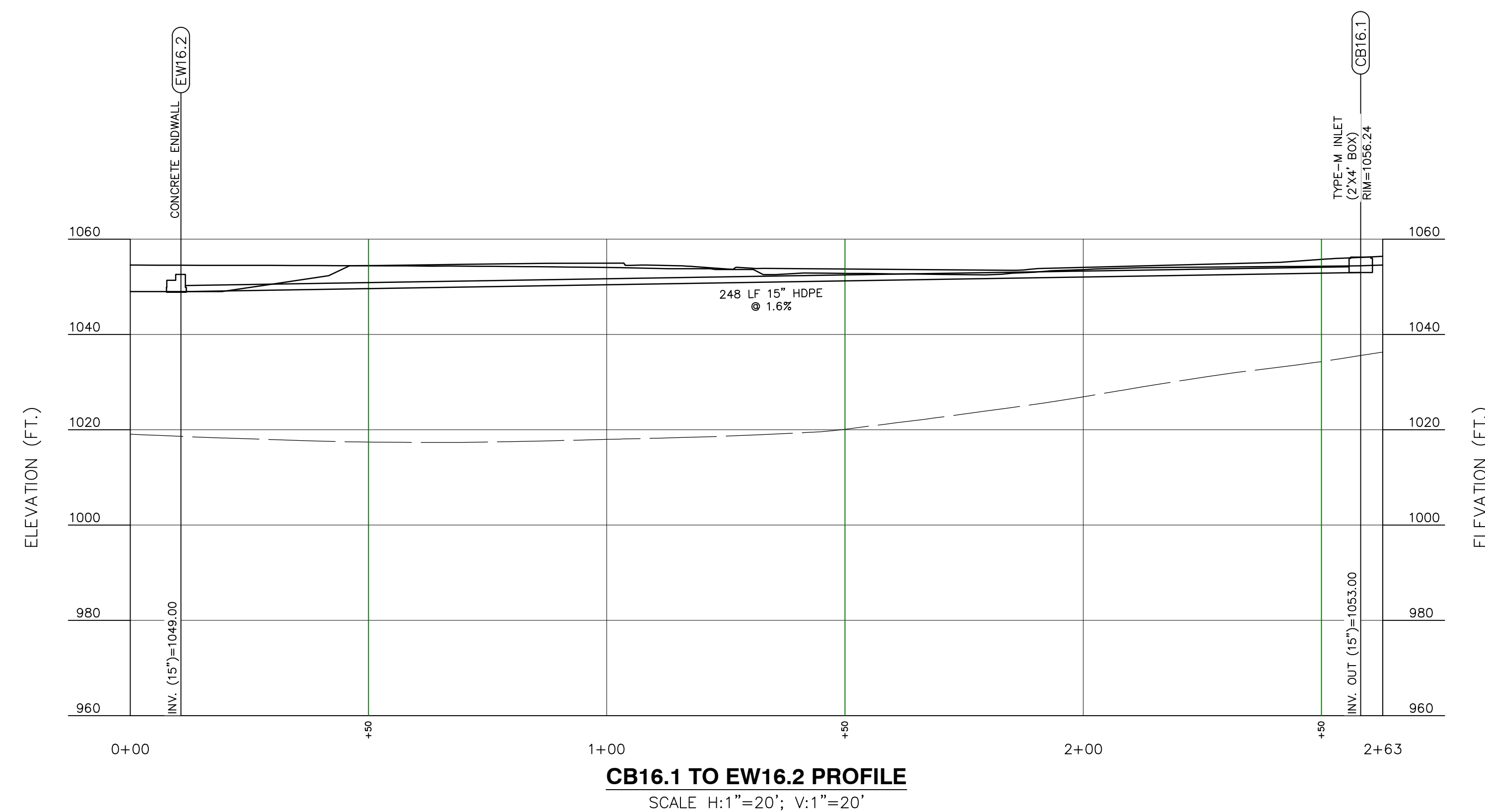
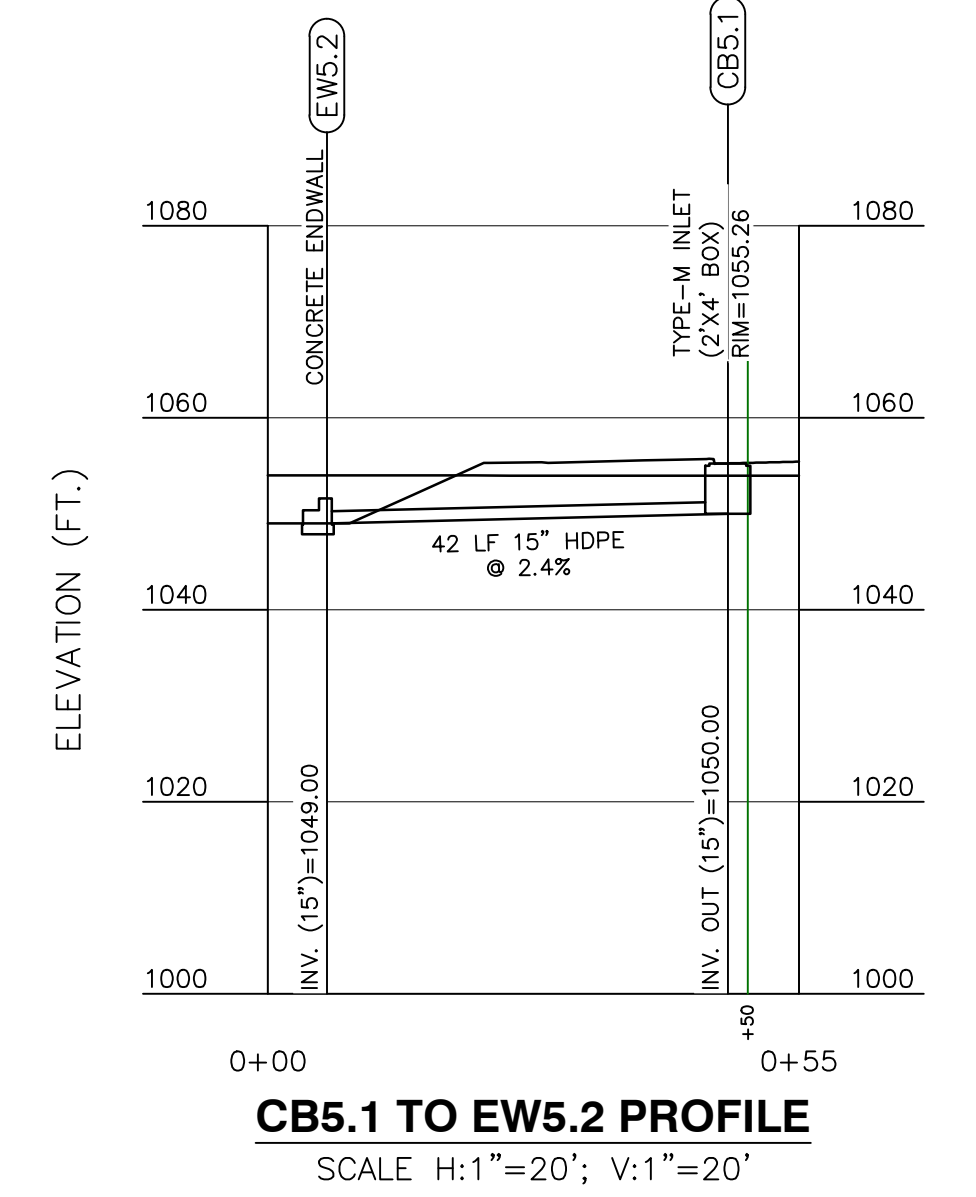
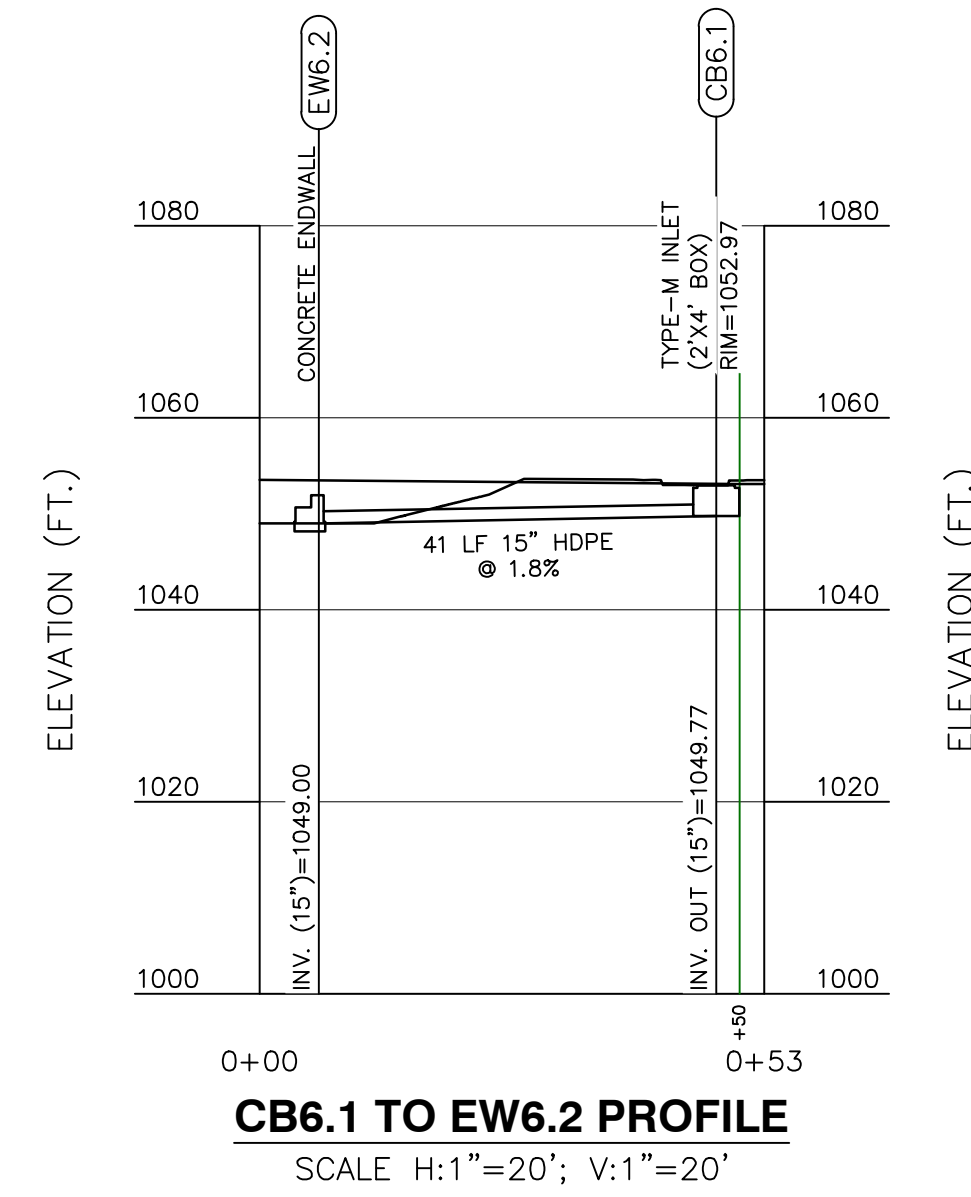
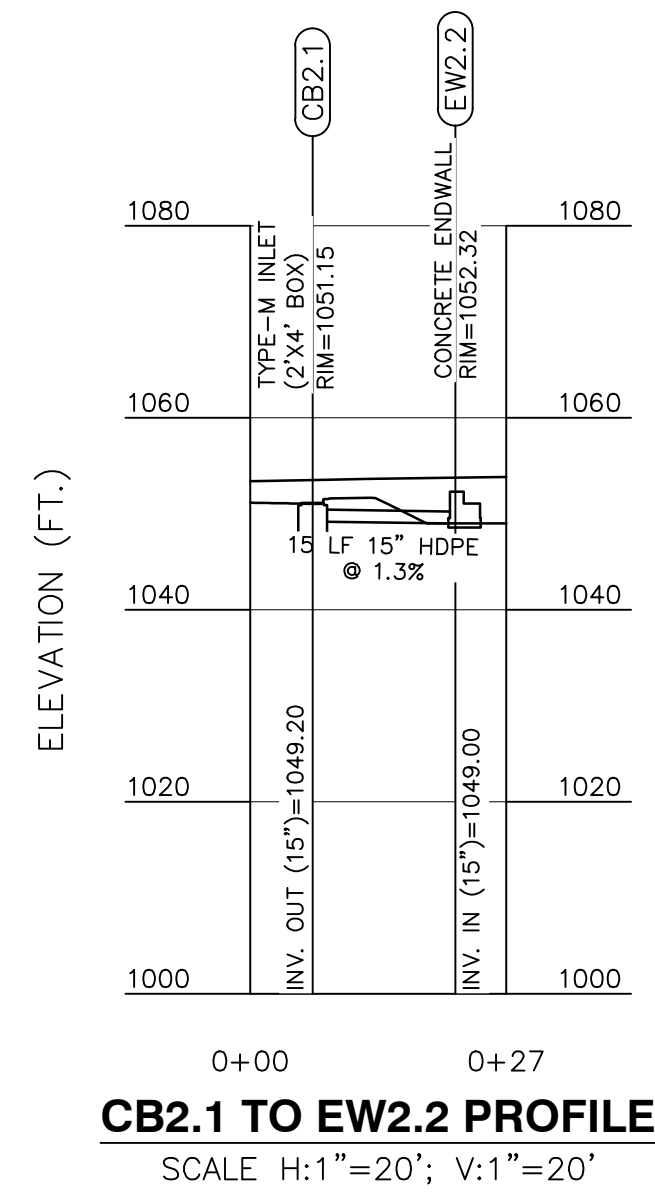
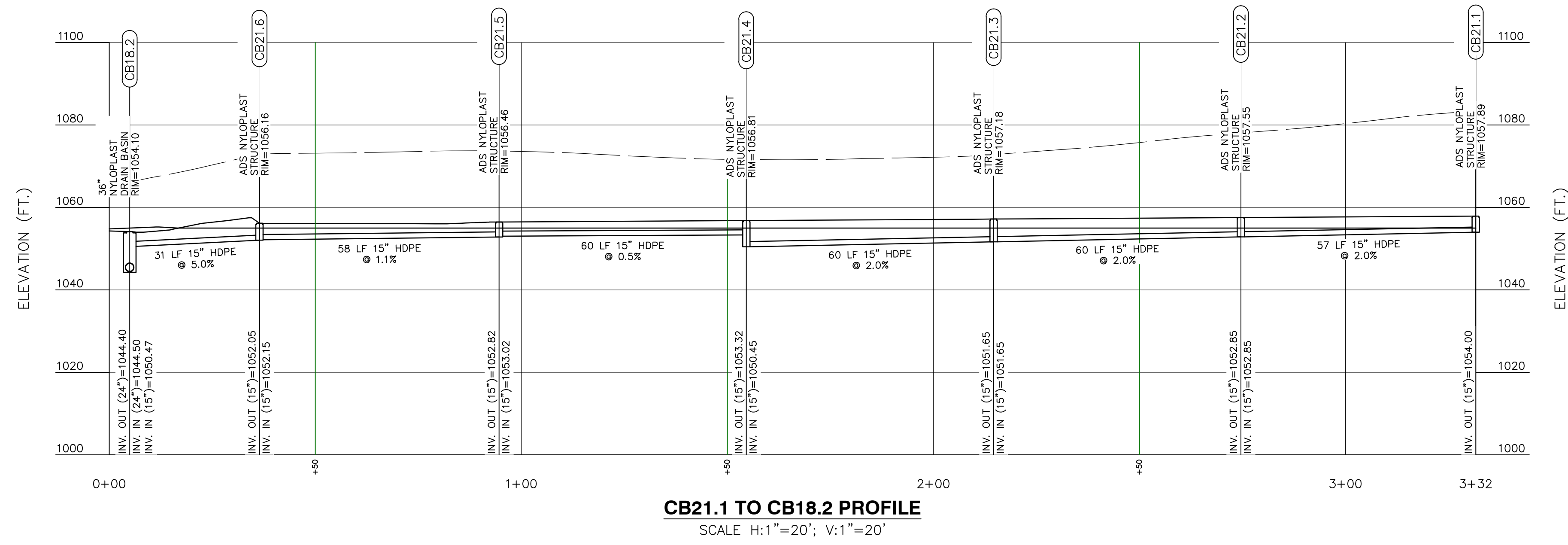


**STORM DRAINAGE PROFILES**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
210 Camp Meeting Road  
Sewickley, Allegheny County, Pennsylvania  
QUAKER VALLEY SCHOOL DISTRICT

**PHILLIPS**  
& ASSOCIATES, INC.  
ENGINEERING & PLANNING  
CONSTRUCTION  
1122 MOSSIDE BOULEVARD  
WALL, PENNSYLVANIA 15146  
PHONE (412) 825-4090  
FAX (412) 825-4092

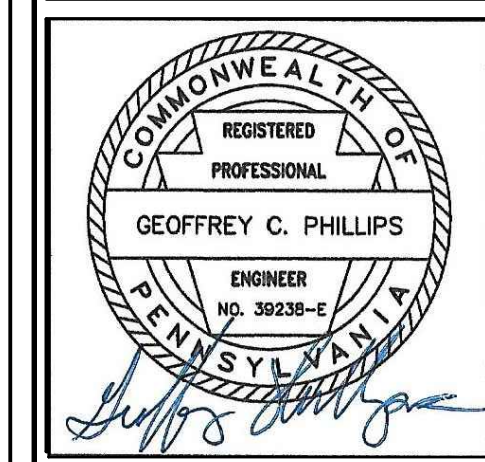
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JOB NUMBER: 22-023  
SHEET NUMBER: SD202

SUBMITTAL SET - 11.15.2023



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3 WORKING DAYS NOTICE FOR  
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STOP CALL  
PENNSYLVANIA ONE CALL SYSTEM, INC.  
1-800-242-1776

NO.	REVISION DESCRIPTION
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**STORM DRAINAGE PROFILES**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
210 Camp Meeting Road  
Sewickley, Allegheny County, Pennsylvania  
QUAKER VALLEY SCHOOL DISTRICT

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WALL, PENNSYLVANIA 15146  
PHONE (412) 825-4090  
FAX (412) 825-4092

**PHILLIPS**  
& ASSOCIATES, INC.  
ENGINEERING & PLANNING  
CONSTRUCTION

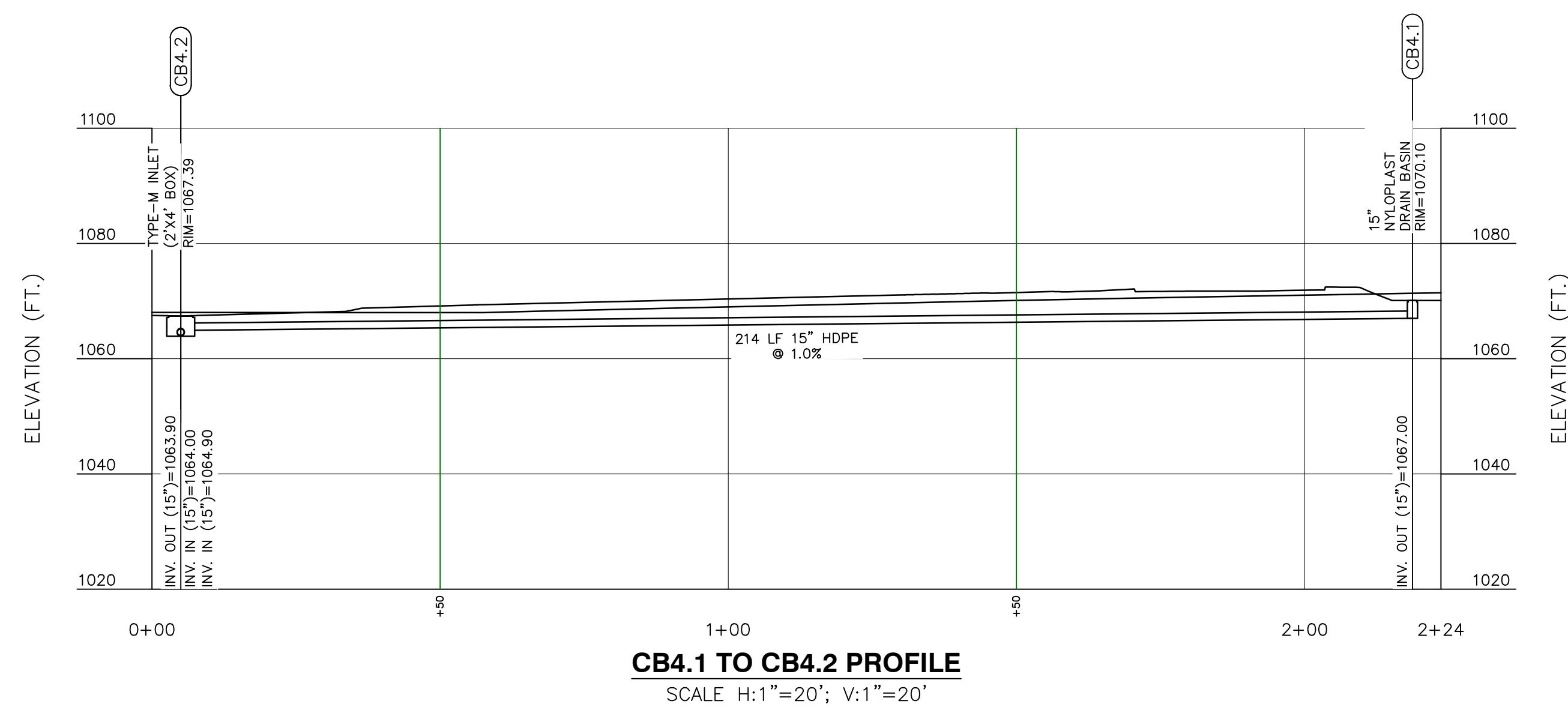
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CHECKED BY:

SCALE: Profiles      DATE: 11/01/23

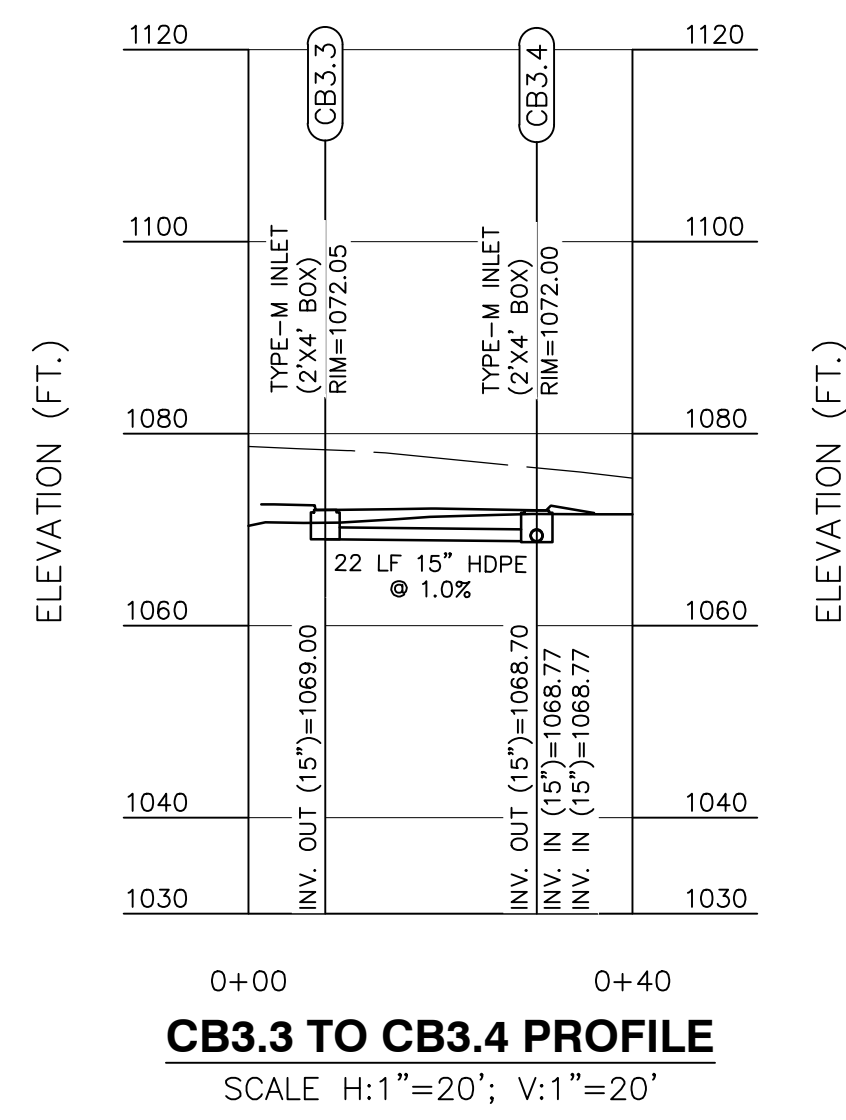
JOB NUMBER: 22-023

SHEET NUMBER: SD203

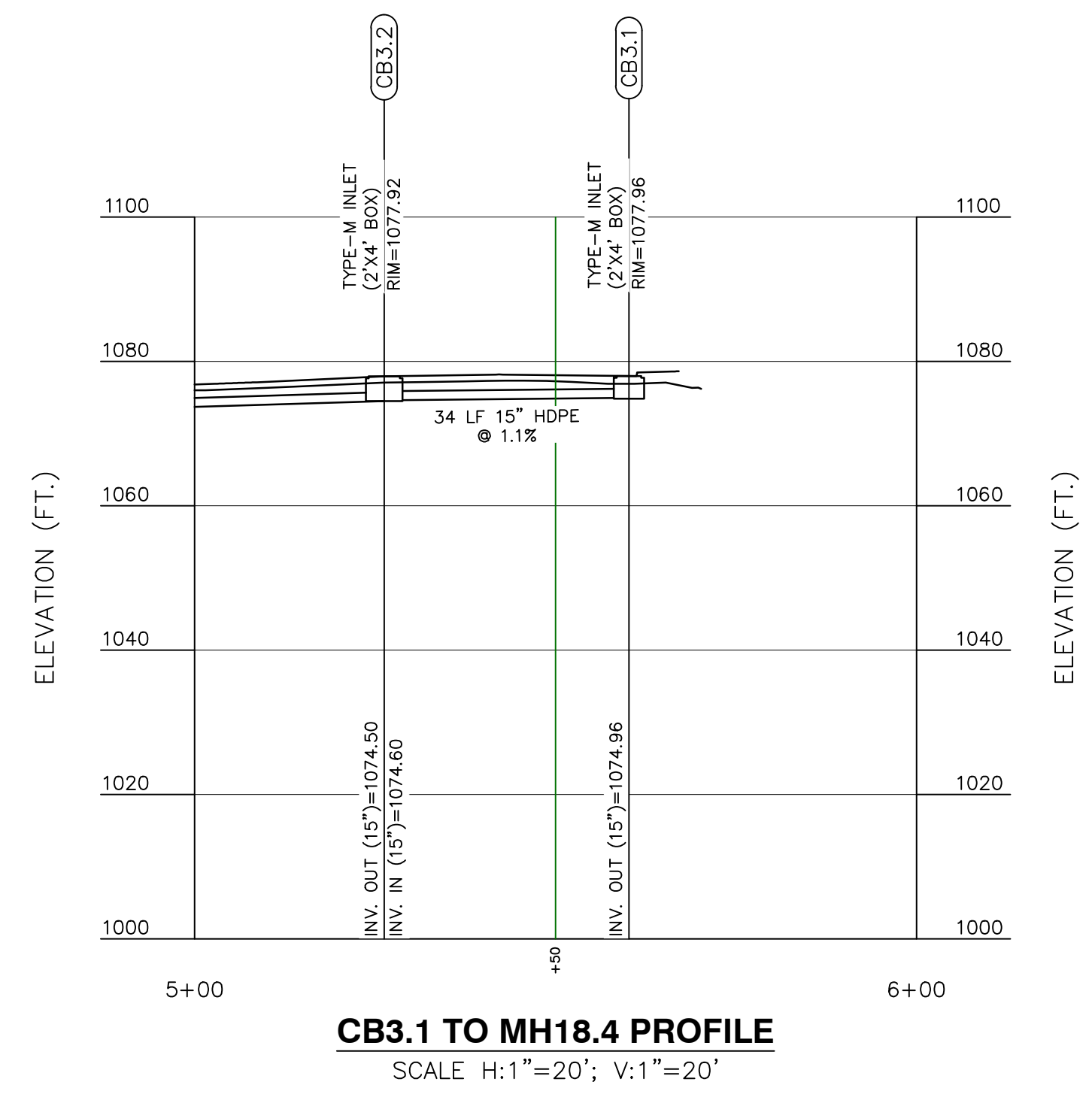
SUBMITTAL SET - 11.15.2023



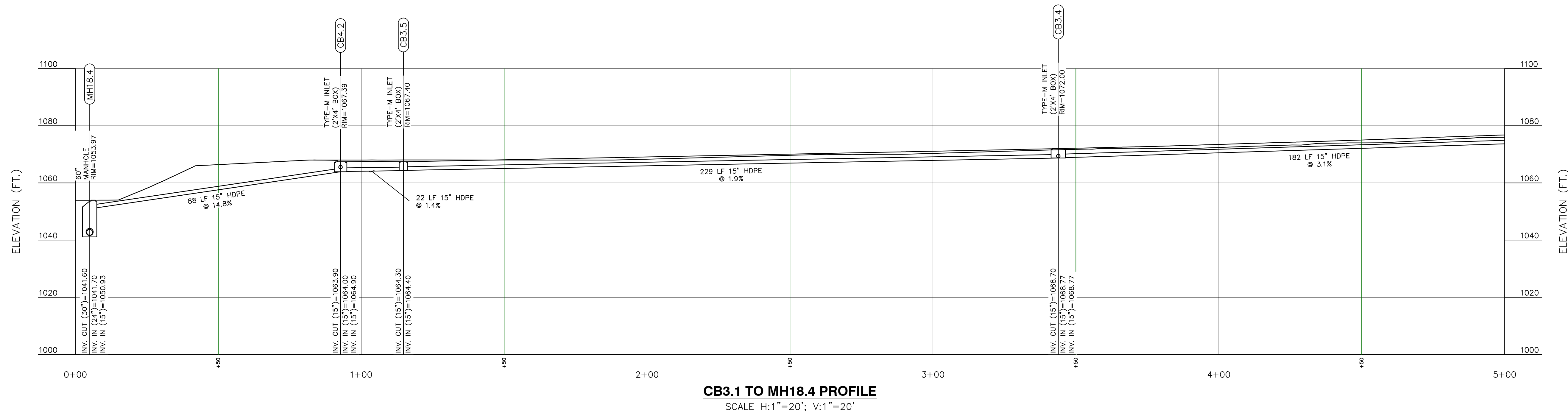
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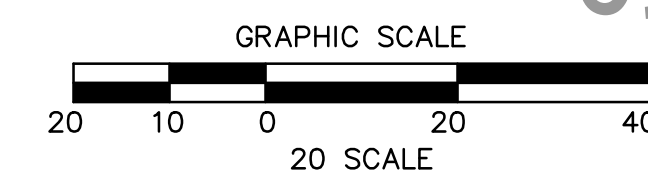
**CB3.3 TO CB3.4 PROFILE**  
SCALE H:1"=20'; V:1"=20'



**CB3.1 TO MH18.4 PROFILE**  
SCALE H:1"=20'; V:1"=20'

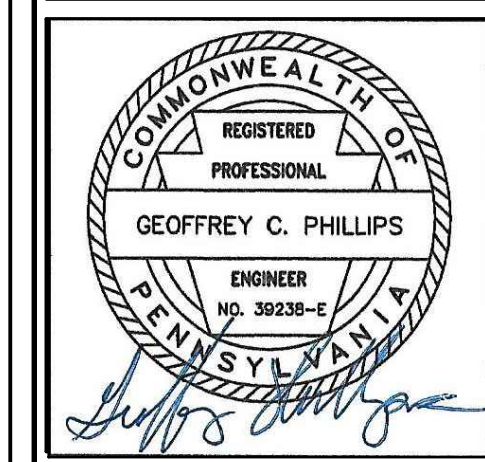


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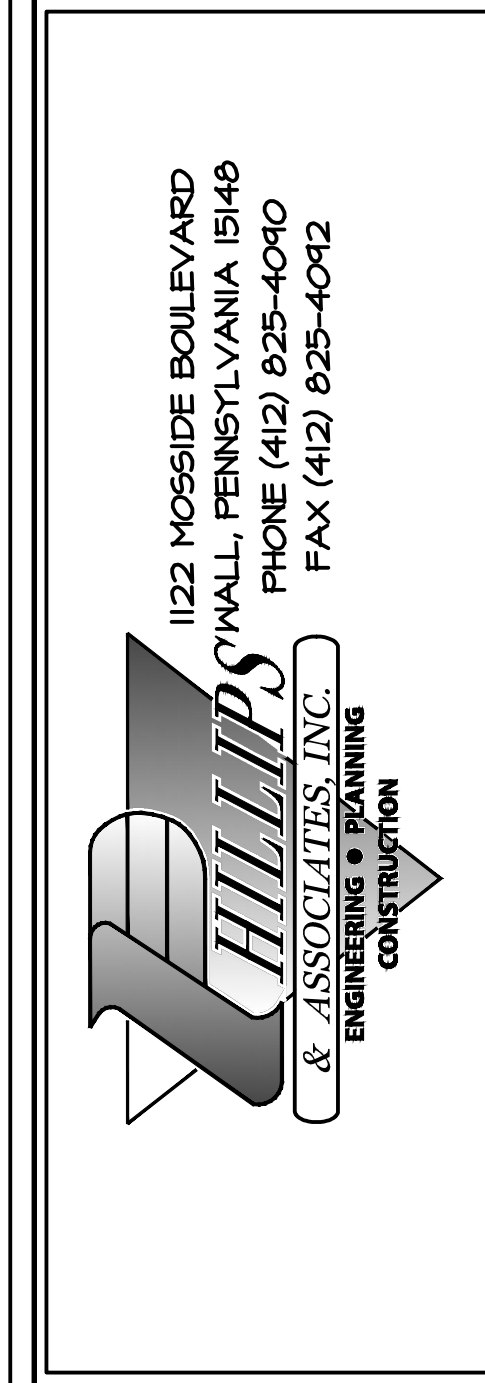


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DAYS NOTICE IN DESIGN STAGE.  
STOP CALL  
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1-800-242-1776

NO.	REVISION DESCRIPTION
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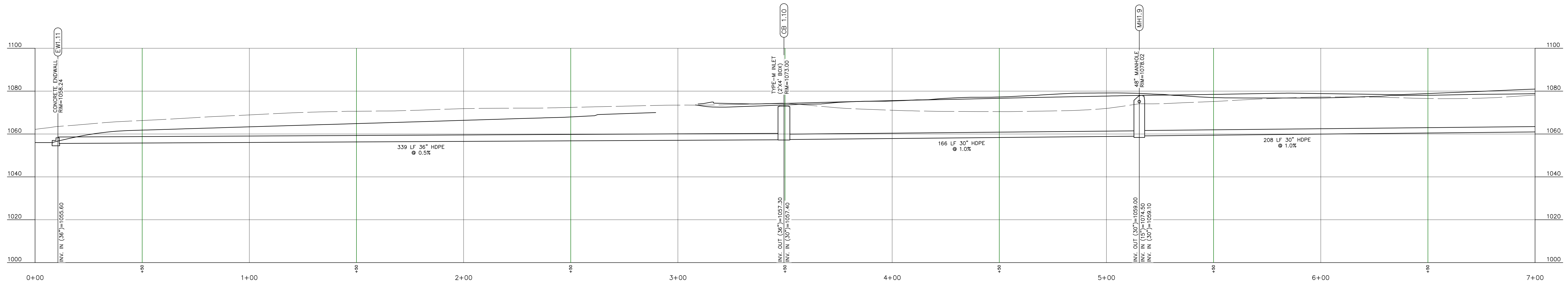


**STORM DRAINAGE PROFILES**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
210 Camp Meeting Road  
Sewickley, Allegheny County, Pennsylvania  
QUAKER VALLEY SCHOOL DISTRICT

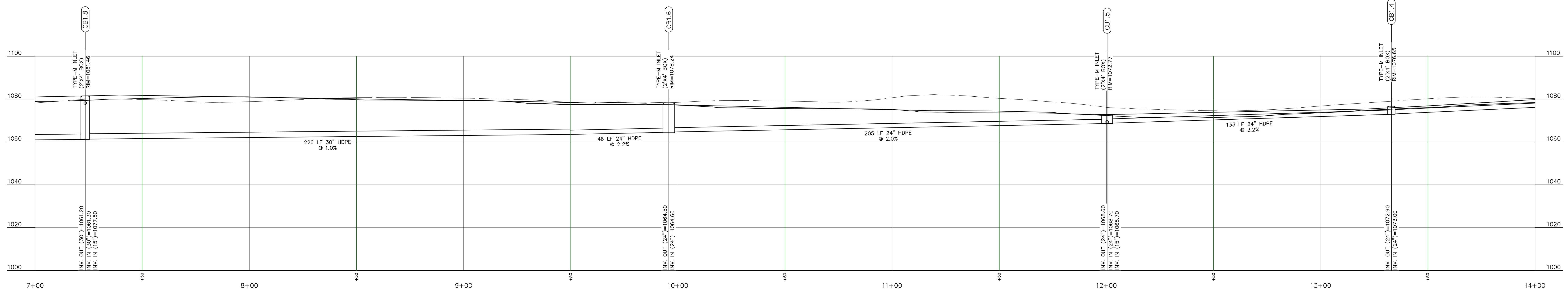


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CHECKED BY:  
SCALE: Profiles DATE: 11/01/23  
JOB NUMBER: 22-023  
SHEET NUMBER: SD204

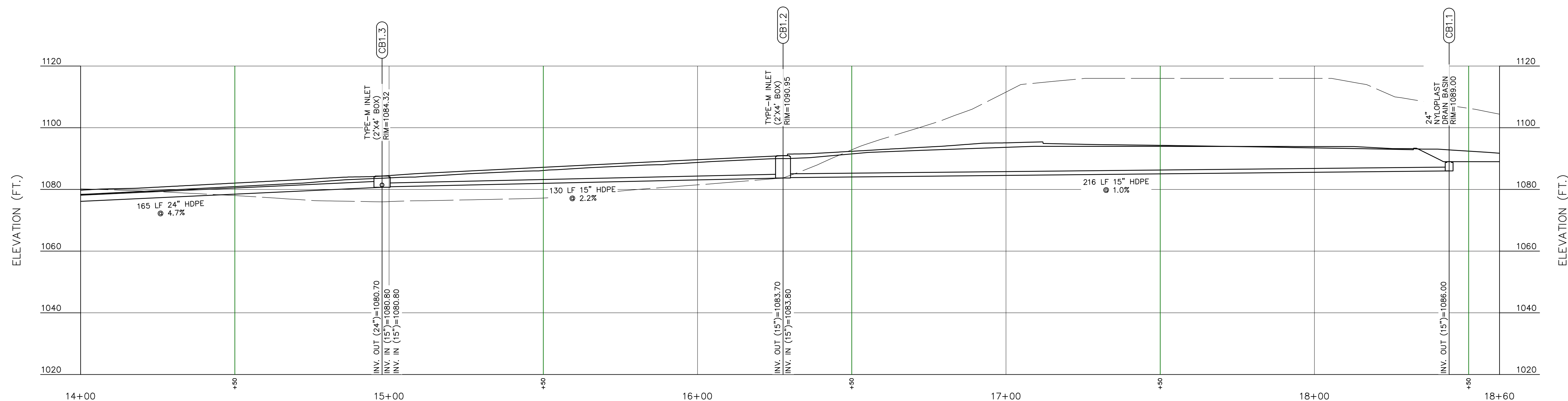
SUBMITTAL SET - 11.15.2023



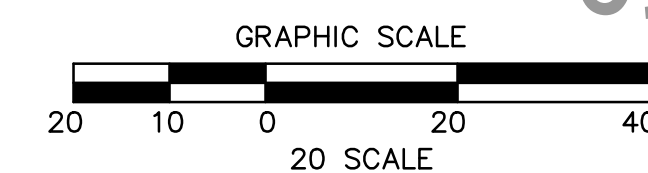
**CB1.1 TO EW1.11 PROFILE**  
SCALE: H:1"=20'; V:1"=20'



**CB1.1 TO EW1.11 PROFILE**  
SCALE: H:1"=20'; V:1"=20'

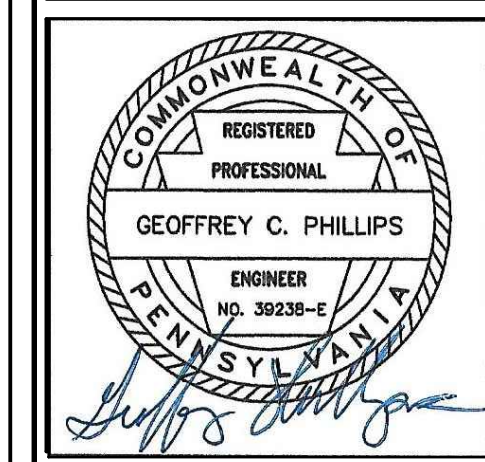


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SCALE: H:1"=20'; V:1"=20'

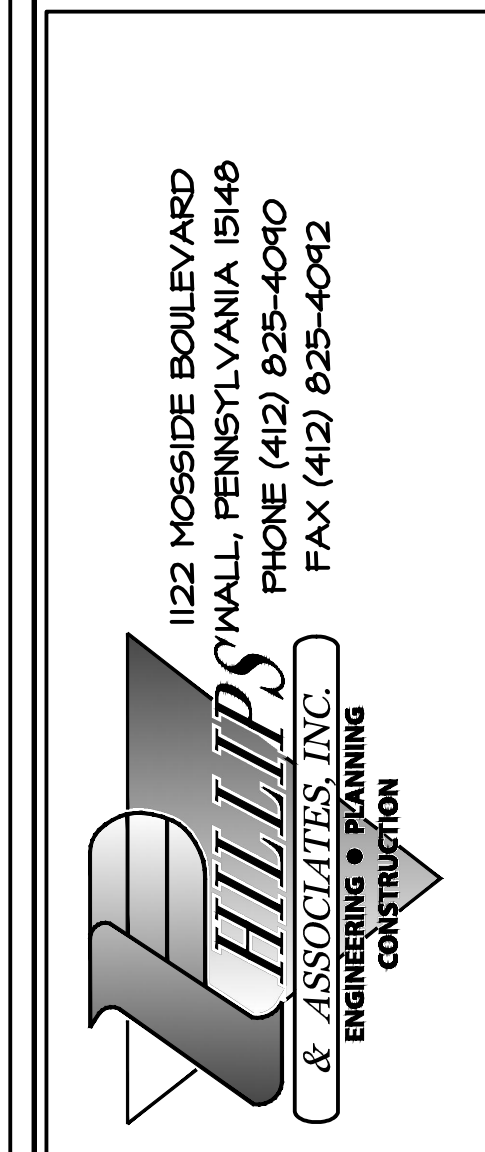


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3 WORKING DAYS NOTICE FOR  
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1-800-242-1776

NO.	REVISION DESCRIPTION
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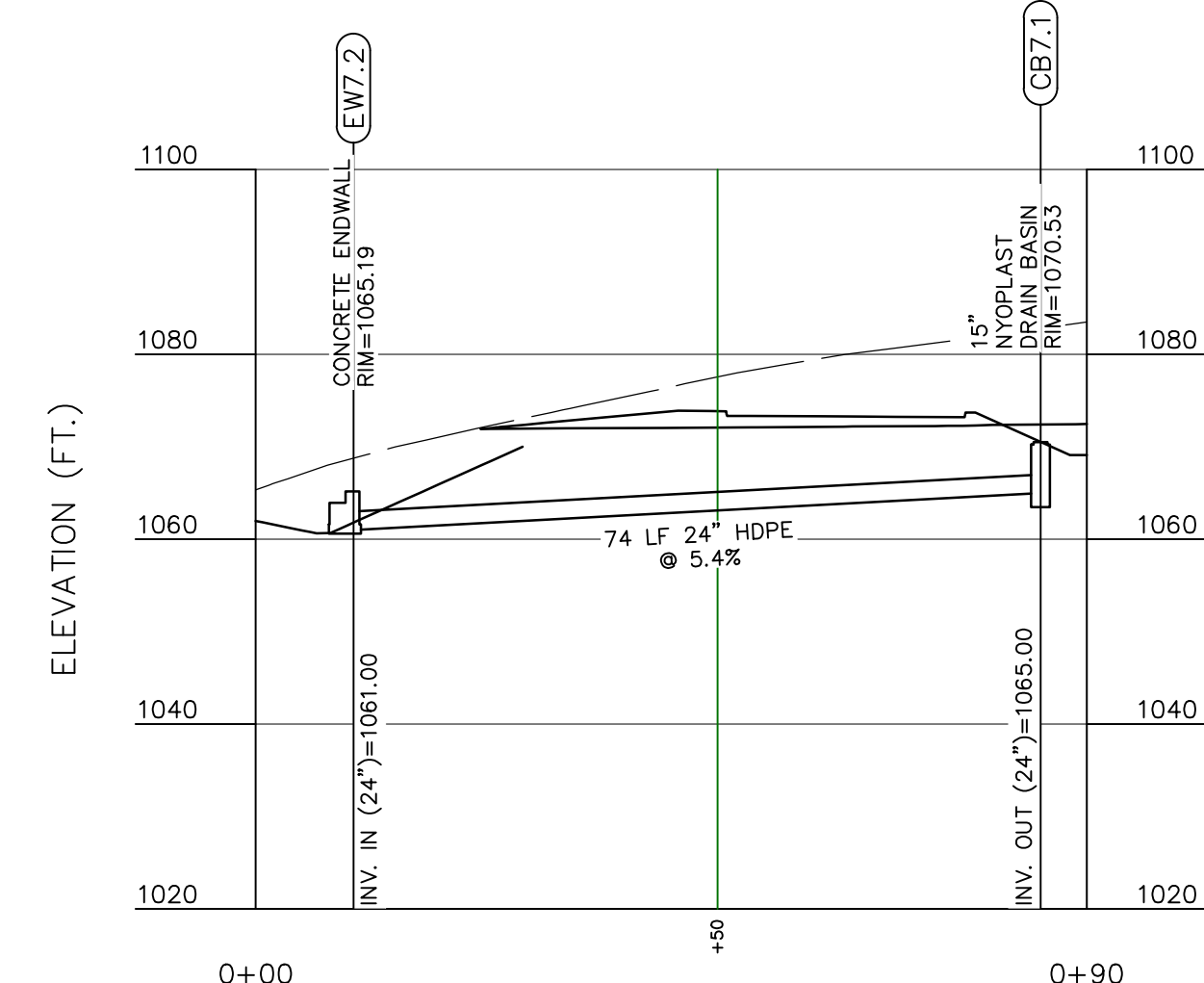


**STORM DRAINAGE PROFILES**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
210 Camp Meeting Road  
Sewickley, Allegheny County, Pennsylvania  
QUAKER VALLEY SCHOOL DISTRICT

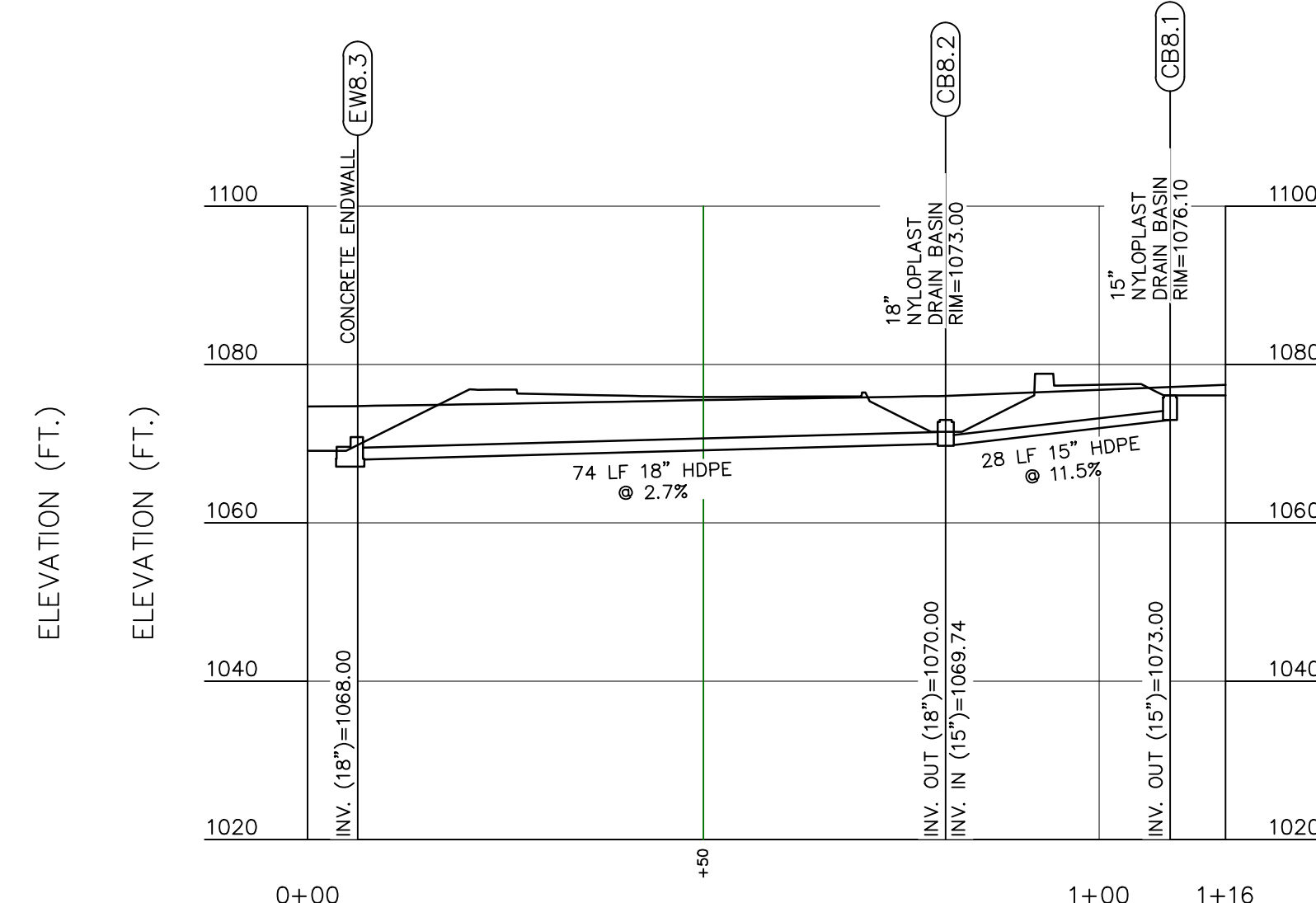


DRAWN BY:  
CHECKED BY:  
SCALE: Profiles DATE: 11/01/23  
JOB NUMBER: 22-023  
SHEET NUMBER: SD205

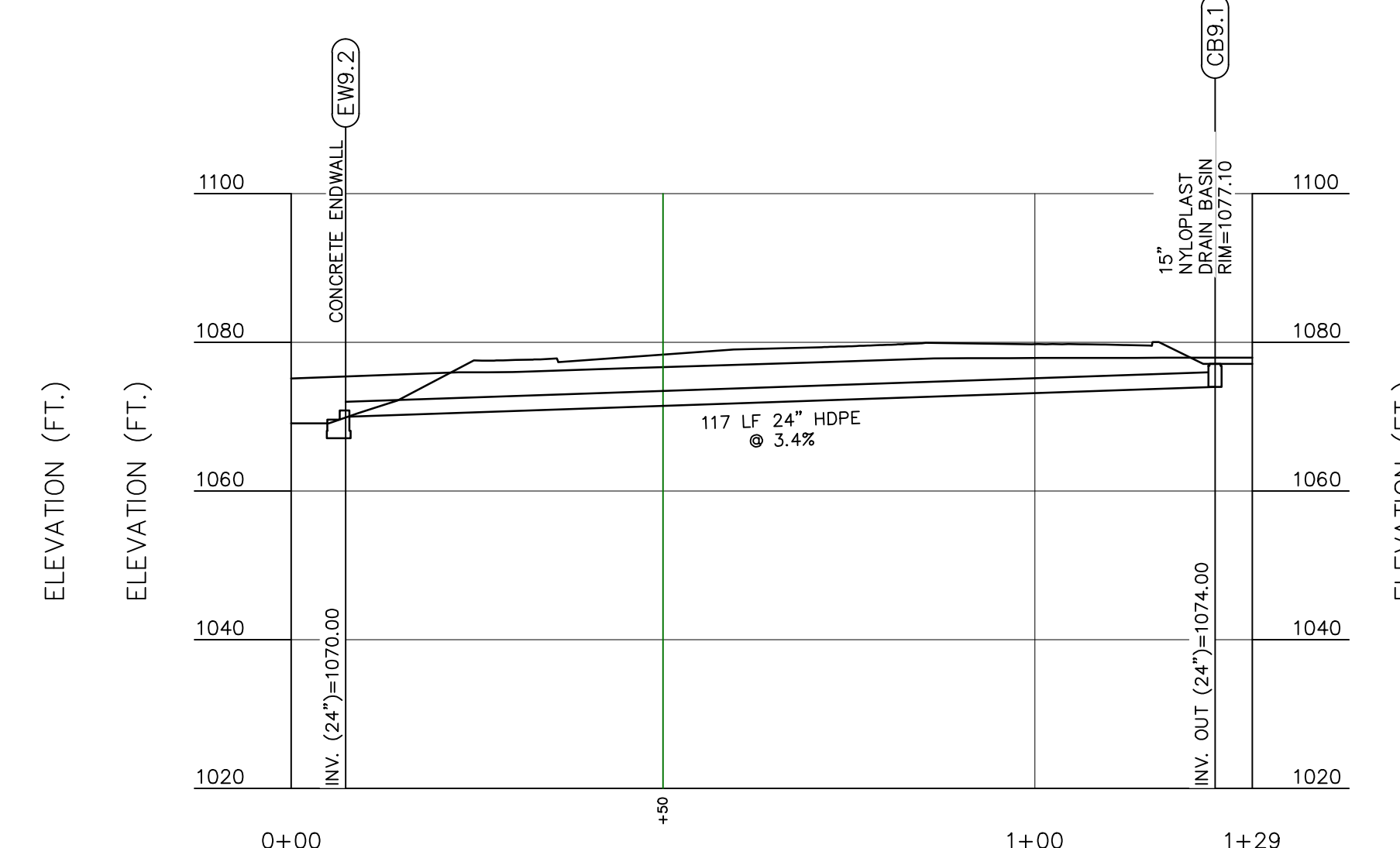
SUBMITTAL SET - 11.15.2023



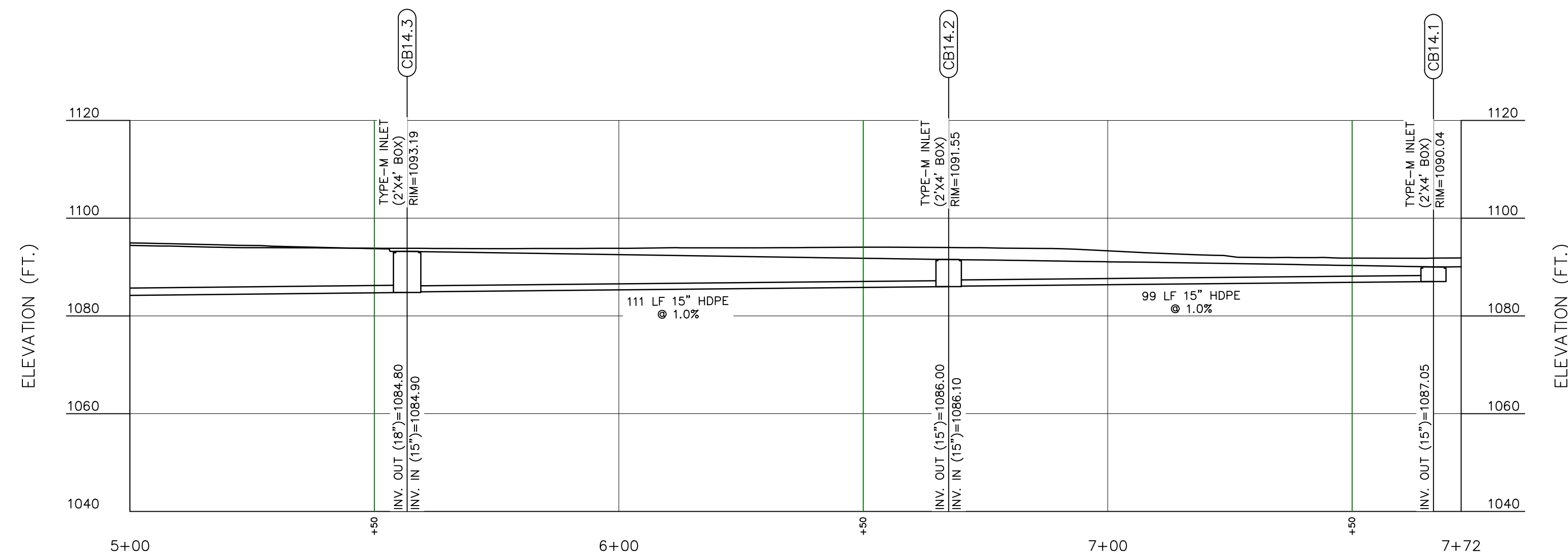
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SCALE H:1"=20'; V:1"=20'



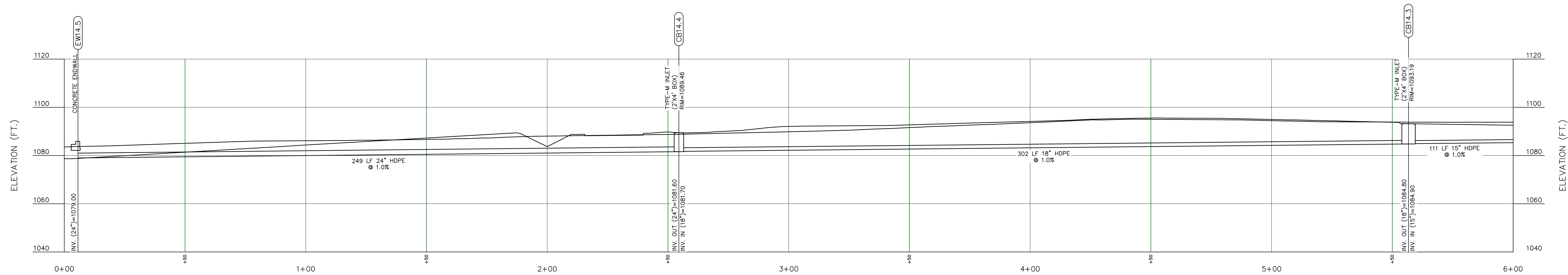
**CB8.1 TO EW8.3 PROFILE**  
SCALE H:1"=20'; V:1"=20'



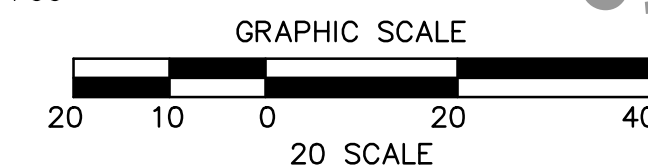
**CB9.1 TO EW9.2 PROFILE**  
SCALE H:1"=20'; V:1"=20'



**CB14.1 TO EW14.5 PROFILE**  
SCALE H:1"=20'; V:1"=20'

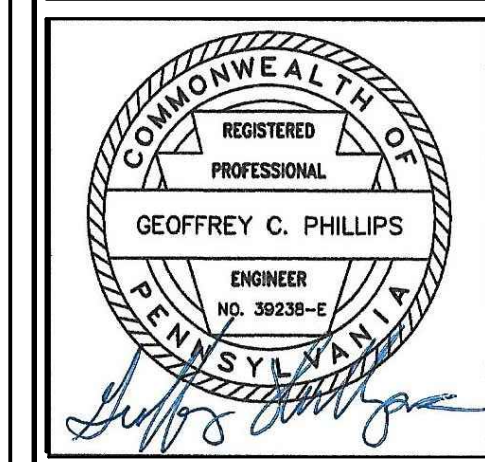


**CB14.1 TO EW14.5 PROFILE**  
SCALE H:1"=20'; V:1"=20'



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DAYS NOTICE IN DESIGN STAGE.  
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1-800-242-1776

NO.	REVISION DESCRIPTION
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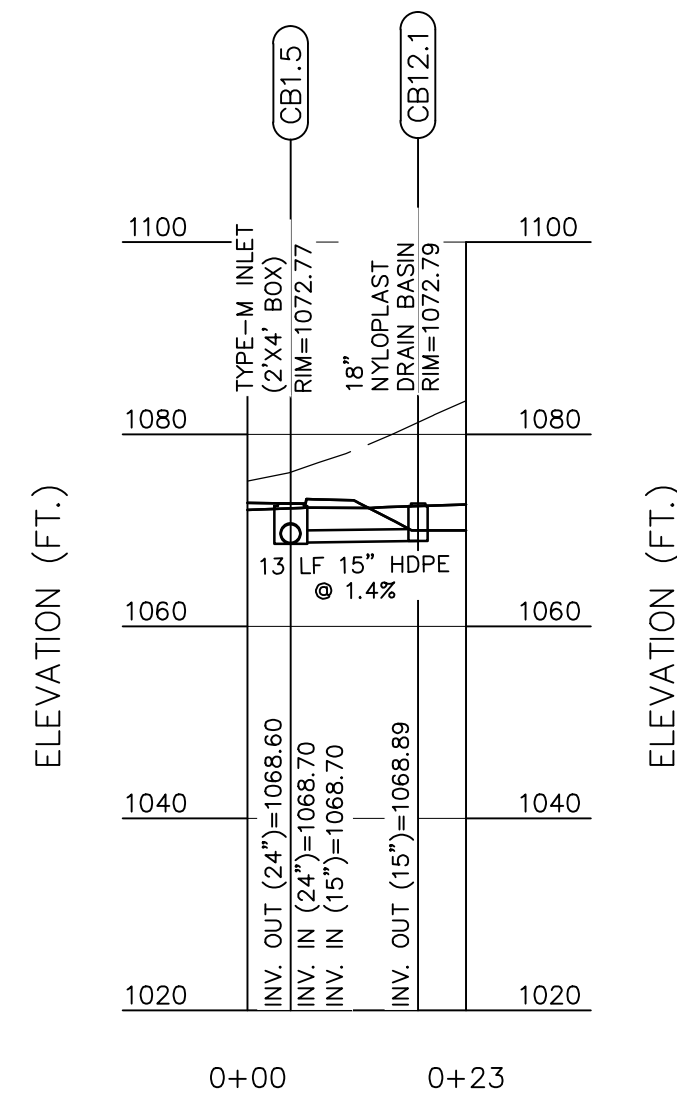
**STORM DRAINAGE PROFILES**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
210 Camp Meeting Road  
Sewickley, Allegheny County, Pennsylvania  
QUAKER VALLEY SCHOOL DISTRICT

**PHILLIPS & ASSOCIATES, INC.**  
ENGINEERING & PLANNING  
CONSTRUCTION  
1122 MOSSIDE BOULEVARD  
WALL, PENNSYLVANIA 15146  
PHONE (412) 825-4090  
FAX (412) 825-4092

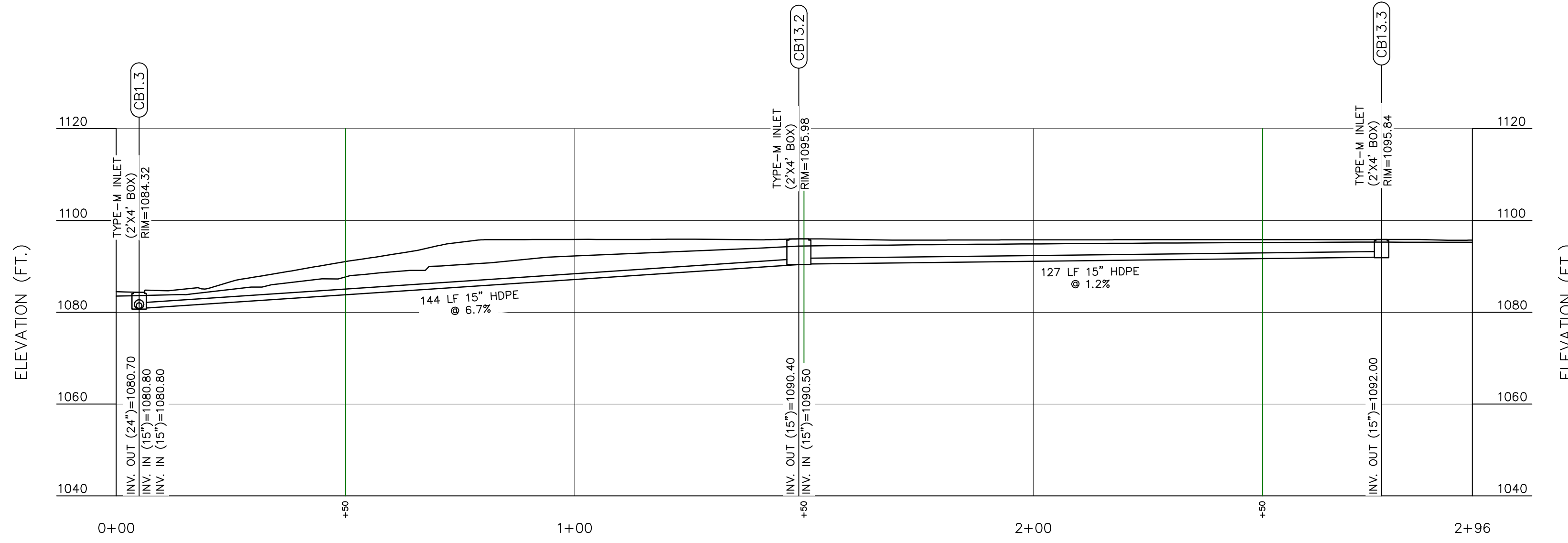
DRAWN BY:  
CHECKED BY:  
SCALE: Profiles DATE: 11/01/23  
JOB NUMBER: 22-023  
SHEET NUMBER: SD206

SUBMITTAL SET - 11.15.2023

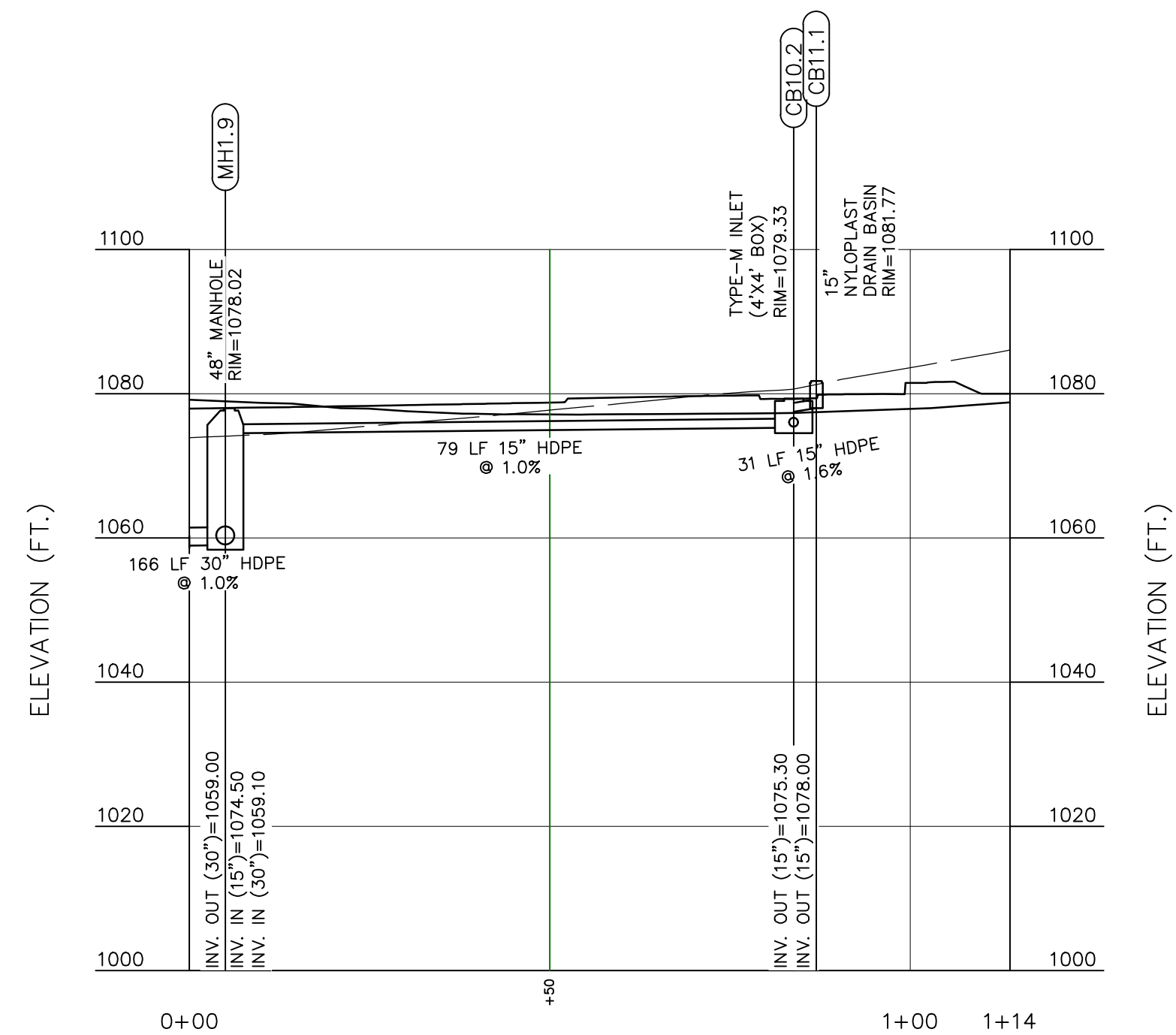




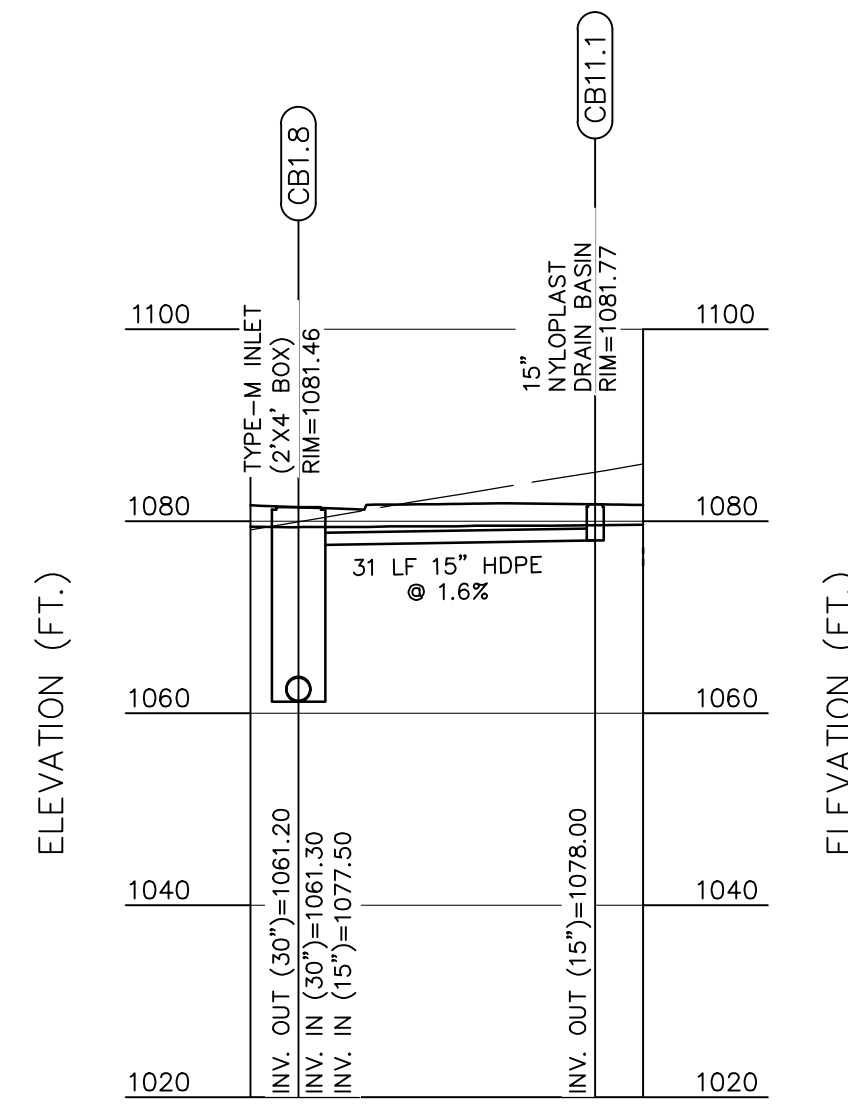
**CB12.1 TO CB1.5 PROFILE**  
SCALE H:1"=20'; V:1"=20'



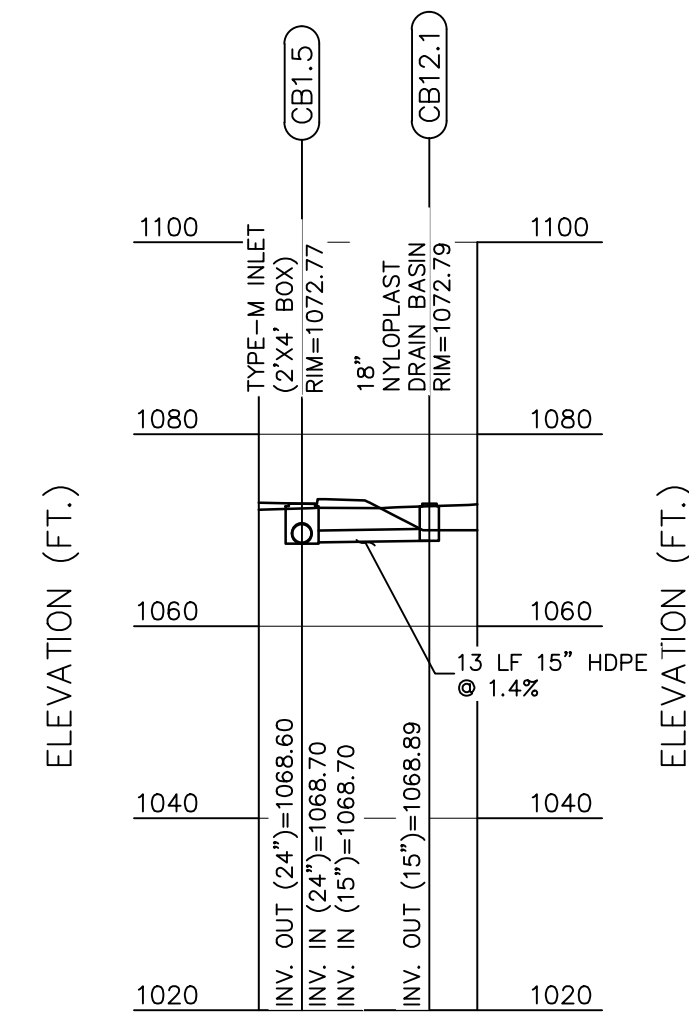
**CB13.1 TO CB1.3 PROFILE**  
SCALE H:1"=20'; V:1"=20'



**CB10.1 TO MH1.9 PROFILE**  
SCALE H:1"=20'; V:1"=20'



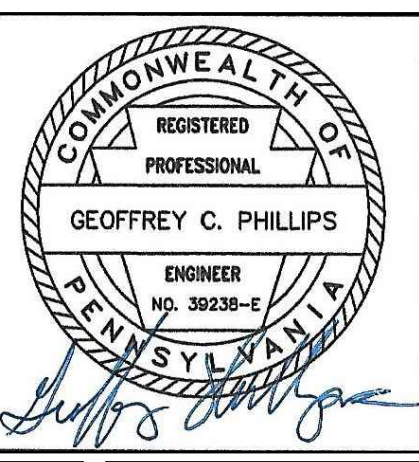
**CB11.1 TO CB1.8 PROFILE**  
SCALE H:1"=20'; V:1"=20'



**CB12.1 TO CB1.5 PROFILE**  
SCALE H:1"=20'; V:1"=20'

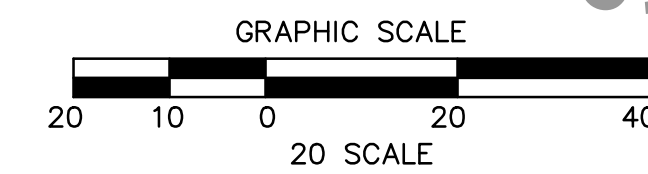
SUBMITTAL SET - 11.15.2023

NO.	REVISION DESCRIPTION
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**STORM DRAINAGE PROFILES**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
210 Camp Meeting Road  
Sewickley, Allegheny County, Pennsylvania  
QUAKER VALLEY SCHOOL DISTRICT

**PHILLIPS**  
& ASSOCIATES, INC.  
ENGINEERING & PLANNING  
CONSTRUCTION  
1122 MOSSIDE BOULEVARD  
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1-800-242-1776

DRAWN BY:  
CHECKED BY:

SCALE: Profiles DATE: 11/01/23

JOB NUMBER: 22-023

SHEET NUMBER: SD207

Structure Table				
Structure Name	RIM E.	INVERT IN	INVERT OUT	REMARKS
CB 1.10	1073.00	P1.9 = 1057.40	P1.10 = 1057.30	TYPE-M INLET (2'X4' BOX)
CB1.1	1089.00		P1.1 = 1086.00	24" NYLOPLAST DRAIN BASIN
CB1.2	1090.95	P1.1 = 1083.80	P1.2 = 1083.70	TYPE-M INLET (2'X4' BOX)
CB1.3	1084.32	P13.2 = 1080.80 P1.2 = 1080.80	P1.3 = 1080.70	TYPE-M INLET (2'X4' BOX)
CB1.4	1076.65	P1.3 = 1073.00	P1.4 = 1072.90	TYPE-M INLET (2'X4' BOX)
CB1.5	1072.77	P1.4 = 1068.70 P12.1 = 1068.70	P1.5 = 1068.60	TYPE-M INLET (2'X4' BOX)
CB1.6	1078.24	P1.5 = 1064.60	P.6 = 1064.50	TYPE-M INLET (2'X4' BOX)
CB1.7	1078.49	P.6 = 1063.50	P1.7 = 1063.50	TYPE-M INLET (2'X4' BOX)
CB1.8	1081.46	P1.7 = 1061.30 P11.1 = 1077.50	P1.8 = 1061.20	TYPE-M INLET (2'X4' BOX)
CB2.1	1051.15		P2.1 = 1049.20	TYPE-M INLET (2'X4' BOX)
CB3.1	1077.96		P3.1 = 1074.96	TYPE-M INLET (2'X4' BOX)
CB3.2	1077.92	P3.1 = 1074.60	P3.2 = 1074.50	TYPE-M INLET (2'X4' BOX)
CB3.3	1072.05		P3.3 = 1069.00	TYPE-M INLET (2'X4' BOX)
CB3.4	1072.00	P3.2 = 1068.77 P3.3 = 1068.77	P3.4 = 1068.70	TYPE-M INLET (2'X4' BOX)
CB3.5	1067.40	P3.4 = 1064.40	P3.5 = 1064.30	TYPE-M INLET (2'X4' BOX)
CB4.1	1070.10		P4.1 = 1067.00	15" NYLOPLAST DRAIN BASIN
CB4.2	1067.39	P3.5 = 1064.00 P4.1 = 1064.90	P4.2 = 1063.90	TYPE-M INLET (2'X4' BOX)
CB5.1	1055.26		P5.1 = 1050.00	TYPE-M INLET (2'X4' BOX)
CB6.1	1052.97		P6.1 = 1049.77	TYPE-M INLET (2'X4' BOX)
CB7.1	1070.53		P7.1 = 1065.00	15" NYLOPLAST DRAIN BASIN

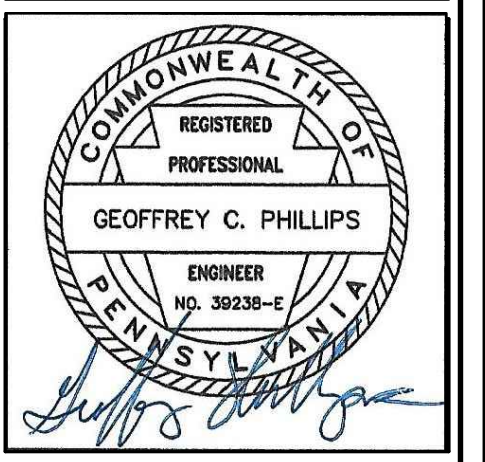
Structure Table				
Structure Name	RIM E.	INVERT IN	INVERT OUT	REMARKS
CB8.1	1076.10		P8.1 = 1073.00	15" NYLOPLAST DRAIN BASIN
CB8.2	1073.00	P8.1 = 1069.74	P8.2 = 1070.00	18" NYLOPLAST DRAIN BASIN
CB9.1	1077.10		P9.1 = 1074.00	15" NYLOPLAST DRAIN BASIN
CB10.1	1079.00		P10.1 = 1076.00	15" NYLOPLAST DRAIN BASIN
CB10.2	1079.33	P10.1 = 1075.40	P10.2 = 1075.30	TYPE-M INLET (4'X4' BOX)
CB11.1	1081.77		P11.1 = 1078.00	15" NYLOPLAST DRAIN BASIN
CB12.1	1072.79		P12.1 = 1068.89	18" NYLOPLAST DRAIN BASIN
CB13.2	1095.98	P13.3 = 1090.50	P13.2 = 1090.40	TYPE-M INLET (2'X4' BOX)
CB13.3	1095.84		P13.3 = 1092.00	TYPE-M INLET (2'X4' BOX)
CB14.1	1090.04		P14.1 = 1087.05	TYPE-M INLET (2'X4' BOX)
CB14.2	1091.55	P14.1 = 1086.10	P14.2 = 1086.00	TYPE-M INLET (2'X4' BOX)
CB14.3	1093.19	P14.2 = 1084.90	P14.3 = 1084.80	TYPE-M INLET (2'X4' BOX)
CB14.4	1089.46	P14.3 = 1081.70	P14.4 = 1081.60	TYPE-M INLET (2'X4' BOX)
CB16.1	1056.24		P16.1 = 1053.00	TYPE-M INLET (2'X4' BOX)
CB18.1	1049.98		P18.1 = 1046.00	36" NYLOPLAST DRAIN BASIN
CB18.2	1054.10	P18.1 = 1044.50 P21.6 = 1050.47	P18.2 = 1044.40	36" NYLOPLAST DRAIN BASIN
CB18.3	1055.50	P18.2 = 1042.90	P18.3 = 1042.80	36" NYLOPLAST DRAIN BASIN
CB18.5	1053.95	P18.4 = 1037.80	P18.5 = 1037.80	18" NYLOPLAST DRAIN BASIN
CB19.1	1052.67		P19.1 = 1048.70	24" NYLOPLAST DRAIN BASIN
CB20.1	1048.00		P20.1 = 1045.00	15" NYLOPLAST DRAIN BASIN

Structure Table				
Structure Name	RIM E.	INVERT IN	INVERT OUT	REMARKS
CB21.1	1057.89		P21.1 = 1054.00	ADS Nyloplast Structure
CB21.2	1057.55	P21.1 = 1052.85	P21.2 = 1052.85	ADS Nyloplast Structure
CB21.3	1057.18	P21.2 = 1051.65	P21.3 = 1051.65	ADS Nyloplast Structure
CB21.4	1056.81	P21.3 = 1050.45	P21.4 = 1053.32	ADS Nyloplast Structure
CB21.5	1056.46	P21.4 = 1053.02	P21.5 = 1052.82	ADS Nyloplast Structure
CB21.6	1056.16	P21.5 = 1052.15	P21.6 = 1052.05	ADS Nyloplast Structure
CB22.1	885.72		P22.1 = 881.42	TYPE-M INLET (2'X4' BOX)
CB22.2	882.11	P22.1 = 877.10	P22.2 = 877.10	TYPE-M INLET (2'X4' BOX)
CB22.3	874.80	P22.2 = 870.18	P22.3 = 870.18	TYPE-M INLET (2'X4' BOX)
CB22.4	866.75	P22.3 = 862.10	P22.4 = 862.10	TYPE-M INLET (2'X4' BOX)
CB23.1	878.81		P23.1 = 874.80	TYPE-M INLET (2'X4' BOX)
CB23.2	871.94	P23.1 = 856.02	P23.2 = 856.02	TYPE-M INLET (2'X4' BOX)
CB24.1	860.13		P24.1 = 856.12	TYPE-M INLET (2'X4' BOX)
CB24.2	853.95	P24.1 = 840.87 P25.2 = 849.94	P24.2 = 840.87	TYPE-M INLET (2'X4' BOX)
CB25.1	858.98		P25.1 = 854.98	TYPE-M INLET (2'X4' BOX)
CB25.2	858.64	P25.1 = 853.03	P25.2 = 853.03	TYPE-M INLET (2'X4' BOX)
DB19.2	1052.18	P19.1 = 1045.70	P19.2 = 1045.70	24" NYLOPLAST DRAIN BASIN
EW1.11	1058.24	P1.10 = 1055.60		CONCRETE ENDWALL
EW2.0	1022.64	P19.3 = 1020.00		CONCRETE ENDWALL
EW2.2	1052.32	P2.1 = 1049.00		CONCRETE ENDWALL

Structure Table				
Structure Name	RIM E.	INVERT IN	INVERT OUT	REMARKS
EW5.2	1051.62	P5.1 = 1049.00		CONCRETE ENDWALL
EW6.2	1051.94	P6.1 = 1049.00		CONCRETE ENDWALL
EW7.2	1065.19	P7.1 = 1061.00		CONCRETE ENDWALL
EW8.0	1070.86	P8.2 = 1068.00		CONCRETE ENDWALL
EW9.2	1070.86	P9.1 = 1070.00		CONCRETE ENDWALL
EW14.5	1085.86	P14.4 = 1079.00		CONCRETE ENDWALL
EW16.2	1052.61	P16.1 = 1049.00		CONCRETE ENDWALL
EW20.2	1043.90	P20.1 = 1042.04		CONCRETE ENDWALL
EW22.5	864.22	P22.4 = 859.00		CONCRETE ENDWALL
EW23.3	829.50	P23.2 = 827.00		CONCRETE ENDWALL
EW24.1	833.67	P24.2 = 831.57		CONCRETE ENDWALL
MH1.9	1078.02	P10.2 = 1074.50 P1.8 = 1059.10	P1.9 = 1059.00	48" MANHOLE
MH18.4	1053.97	P18.3 = 1041.70 P4.2 = 1050.93	P18.4 = 1041.60	60" MANHOLE
MH19.3	1048.04	P18.5 = 1035.70 P19.2 = 1043.50	P19.3 = 1035.60	48" MANHOLE

SUBMITTAL SET - 11.15.2023

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**STORM STRUCTURE TABLE**  
**NEW GUAKEr VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 GUAKEr VALLEY SCHOOL DISTRICT

1122 MOSSIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4090  
 FAX (412) 825-4092  
**PHILLIPS & ASSOCIATES, INC.**  
 ENGINEERING & PLANNING  
 CONSTRUCTION

DRAWN BY:  
 CHECKED BY:  
 SCALE: N.T.S.      DATE: 11/01/23  
 JOB NUMBER: 22-023  
 SHEET NUMBER: **SD208**

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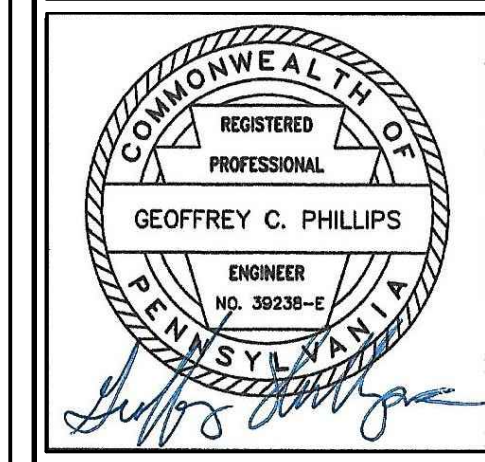
Pipe Table				
Pipe Name	Size (in)	Length (ft)	Slope	MATERIAL
P.6	24	46.2	2.16%	HDPE
P1.1	15	215.9	1.02%	HDPE
P1.2	15	130.0	2.23%	HDPE
P1.3	24	164.8	4.67%	HDPE
P1.4	24	132.7	3.17%	HDPE
P1.5	24	204.6	1.96%	HDPE
P1.7	30	226.1	0.97%	HDPE
P1.8	30	208.1	1.01%	HDPE
P1.9	30	165.8	0.96%	HDPE
P1.10	36	338.8	0.50%	HDPE
P2.1	15	14.9	1.35%	HDPE
P3.1	15	33.9	1.06%	HDPE
P3.2	15	182.4	3.14%	HDPE
P3.3	15	22.0	1.04%	HDPE
P3.4	15	229.1	1.88%	HDPE
P3.5	15	22.0	1.36%	HDPE
P4.1	15	213.7	0.98%	HDPE
P4.2	15	87.8	14.78%	HDPE
P5.1	15	41.8	2.39%	HDPE
P6.1	15	41.4	1.85%	HDPE

Pipe Table				
Pipe Name	Size (in)	Length (ft)	Slope	MATERIAL
P7.1	24	74.3	5.38%	HDPE
P8.1	15	28.3	11.50%	HDPE
P8.2	18	74.3	2.69%	HDPE
P9.1	24	116.9	3.42%	HDPE
P10.1	15	28.1	2.13%	HDPE
P10.2	15	78.8	1.01%	HDPE
P11.1	15	30.9	1.62%	HDPE
P12.1	15	13.3	1.43%	HDPE
P13.2	15	143.9	6.67%	HDPE
P13.3	15	127.1	1.18%	HDPE
P14.1	15	99.2	0.96%	HDPE
P14.2	15	110.8	0.99%	HDPE
P14.3	18	302.2	1.03%	HDPE
P14.4	24	248.9	1.04%	HDPE
P16.1	15	247.6	1.62%	HDPE
P18.1	24	134.8	1.11%	HDPE
P18.2	24	145.0	1.03%	HDPE
P18.3	24	78.9	1.39%	HDPE
P18.4	30	414.3	0.92%	HDPE
P18.5	30	213.6	0.98%	HDPE


Pipe Table				
Pipe Name	Size (in)	Length (ft)	Slope	MATERIAL
P19.1	15	299.9	1.00%	HDPE
P19.2	18	222.7	0.99%	HDPE
P19.3	30	138.6	11.25%	HDPE
P20.1	15	62.4	4.74%	HDPE
P21.1	15	57.0	2.02%	HDPE
P21.2	15	60.0	2.00%	HDPE
P21.3	15	60.0	2.00%	HDPE
P21.4	15	60.0	0.50%	HDPE
P21.5	15	58.2	1.14%	HDPE
P21.6	15	31.5	5.02%	HDPE
P22.1	24	39.7	10.89%	CMP
P22.2	24	63.6	10.89%	CMP
P22.3	24	74.3	10.89%	CMP
P22.4	24	28.4	10.89%	CMP
P23.1	24	75.5	24.88%	CMP
P23.2	24	116.6	24.88%	CMP
P24.1	24	67.5	22.59%	CMP
P24.2	24	41.1	22.59%	CMP
P25.1	24	27.1	7.19%	CMP
P25.2	24	42.9	7.19%	CMP

SUBMITTAL SET - 11.15.2023


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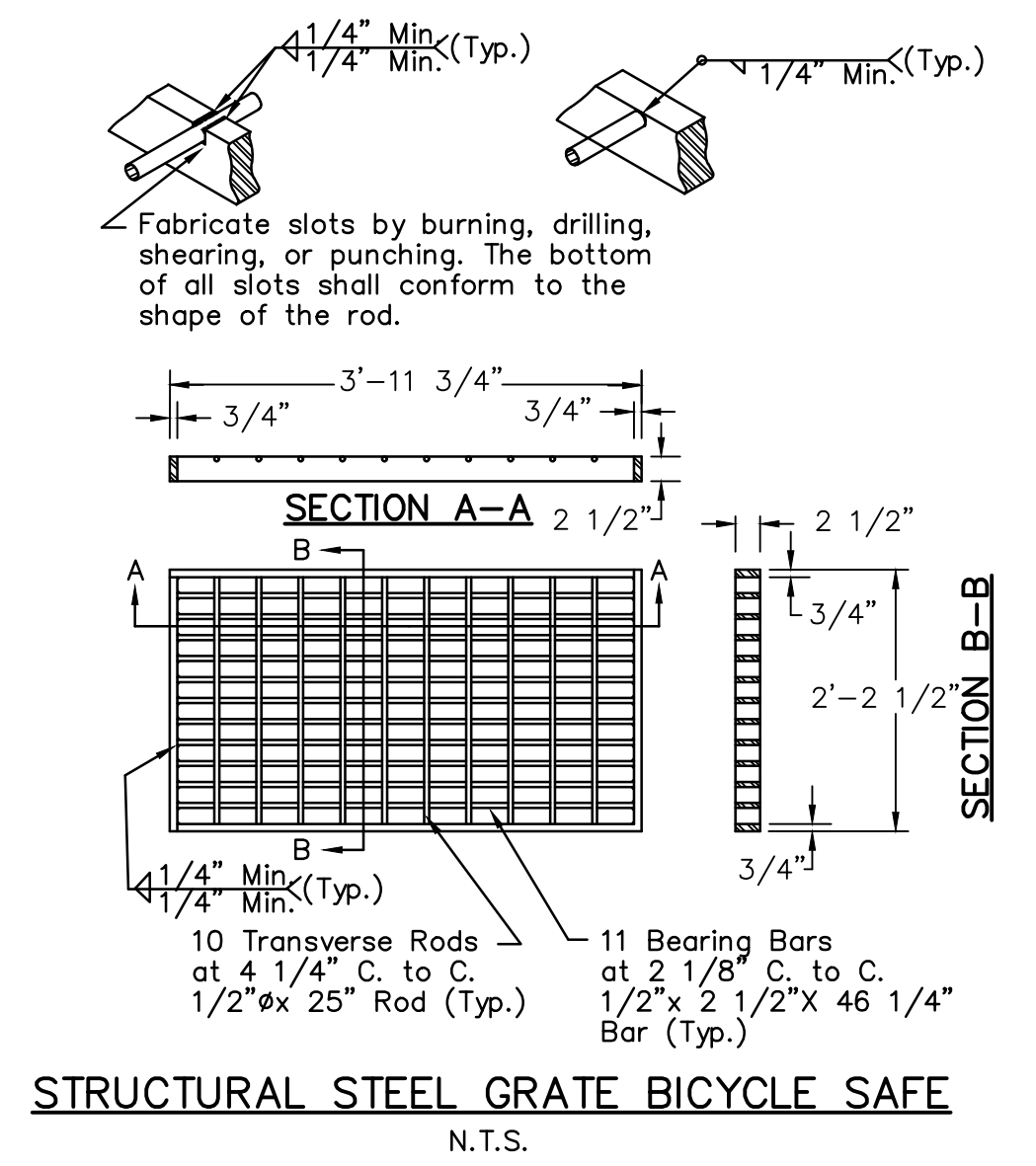


**STORM PIPE TABLE**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
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 QUAKER VALLEY SCHOOL DISTRICT

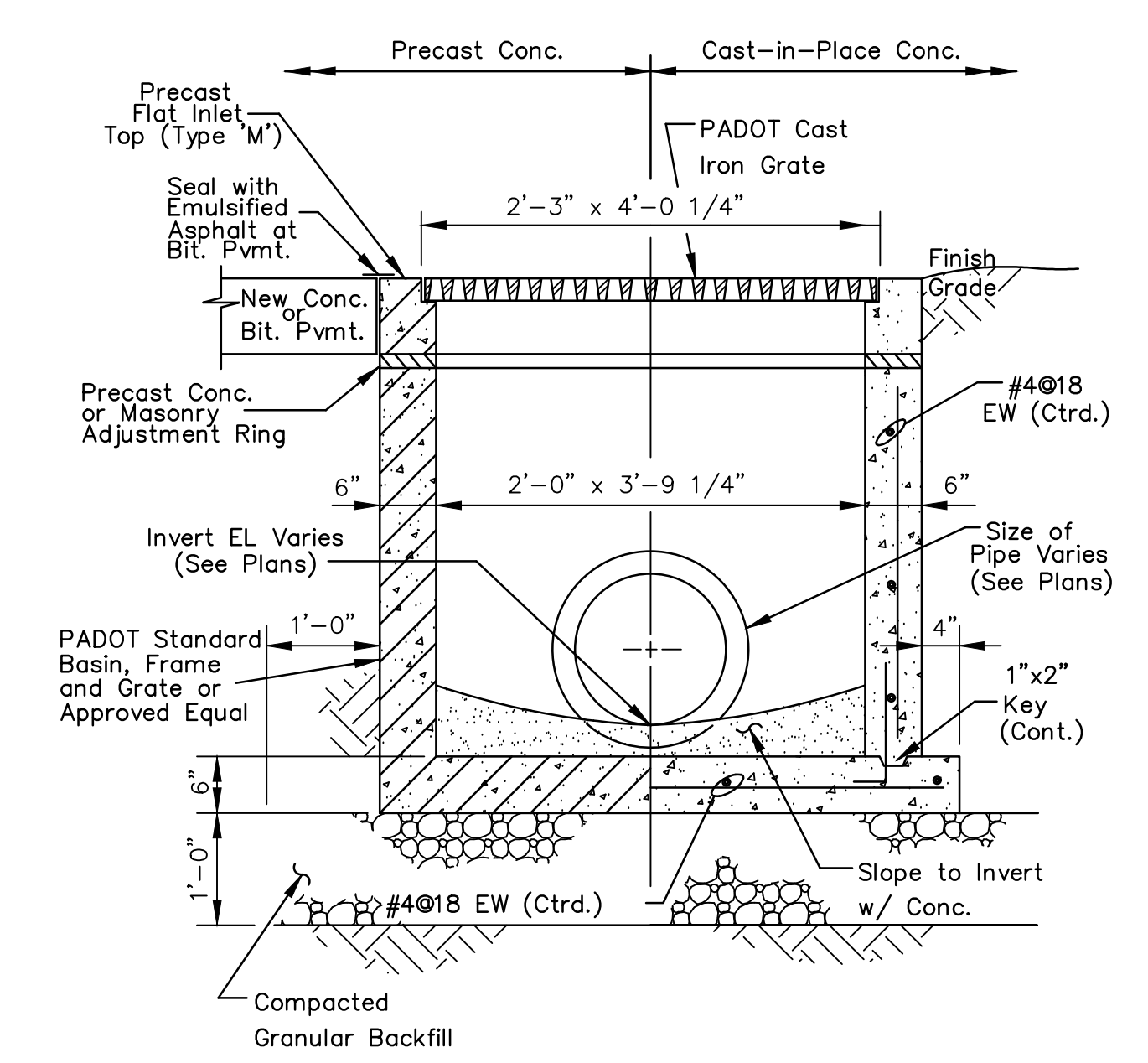
  
 1122 MOSSIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4040  
 FAX (412) 825-4042  
 ENGINEERING & PLANNING  
 CONSTRUCTION

DRAWN BY:		CHECKED BY:	
SCALE N.T.S.	DATE 11/01/23	JOB NUMBER 22-023	SHEET NUMBER SD209

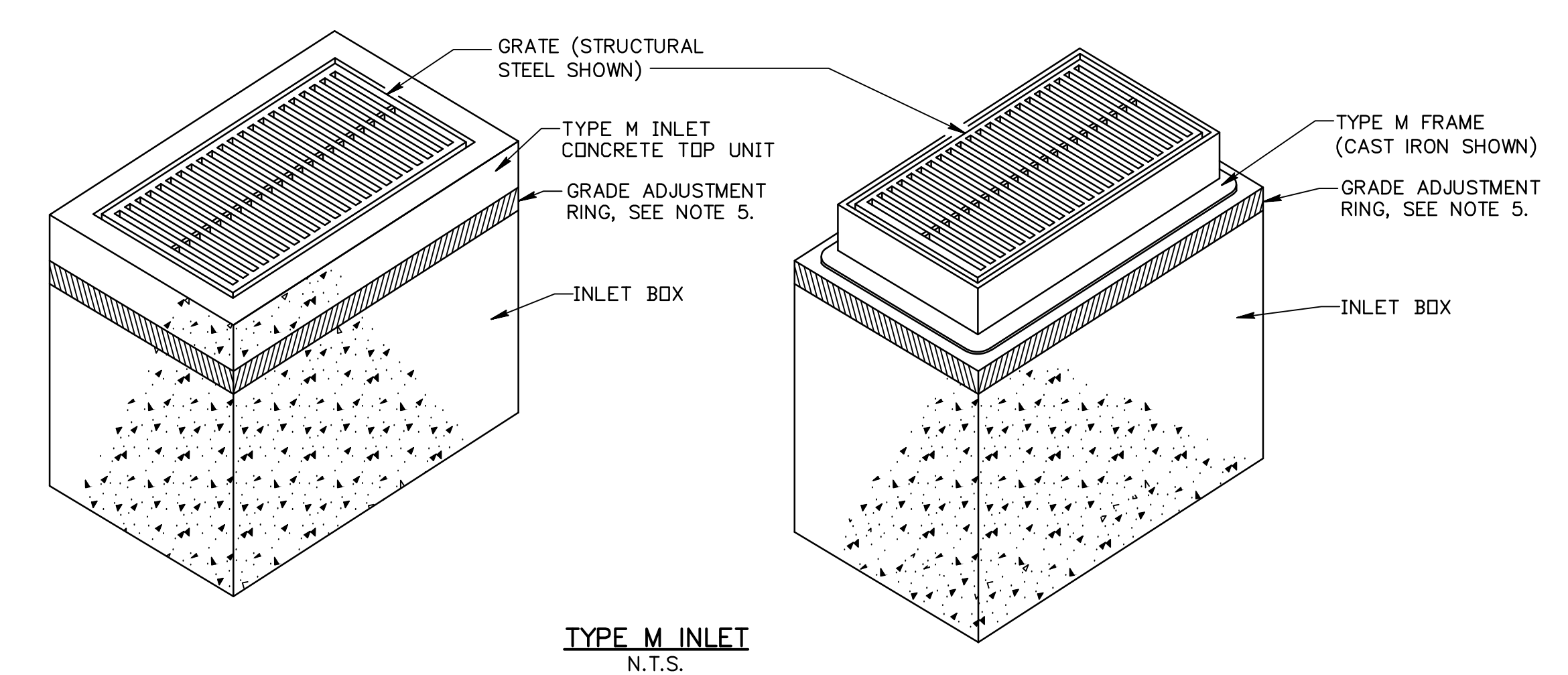

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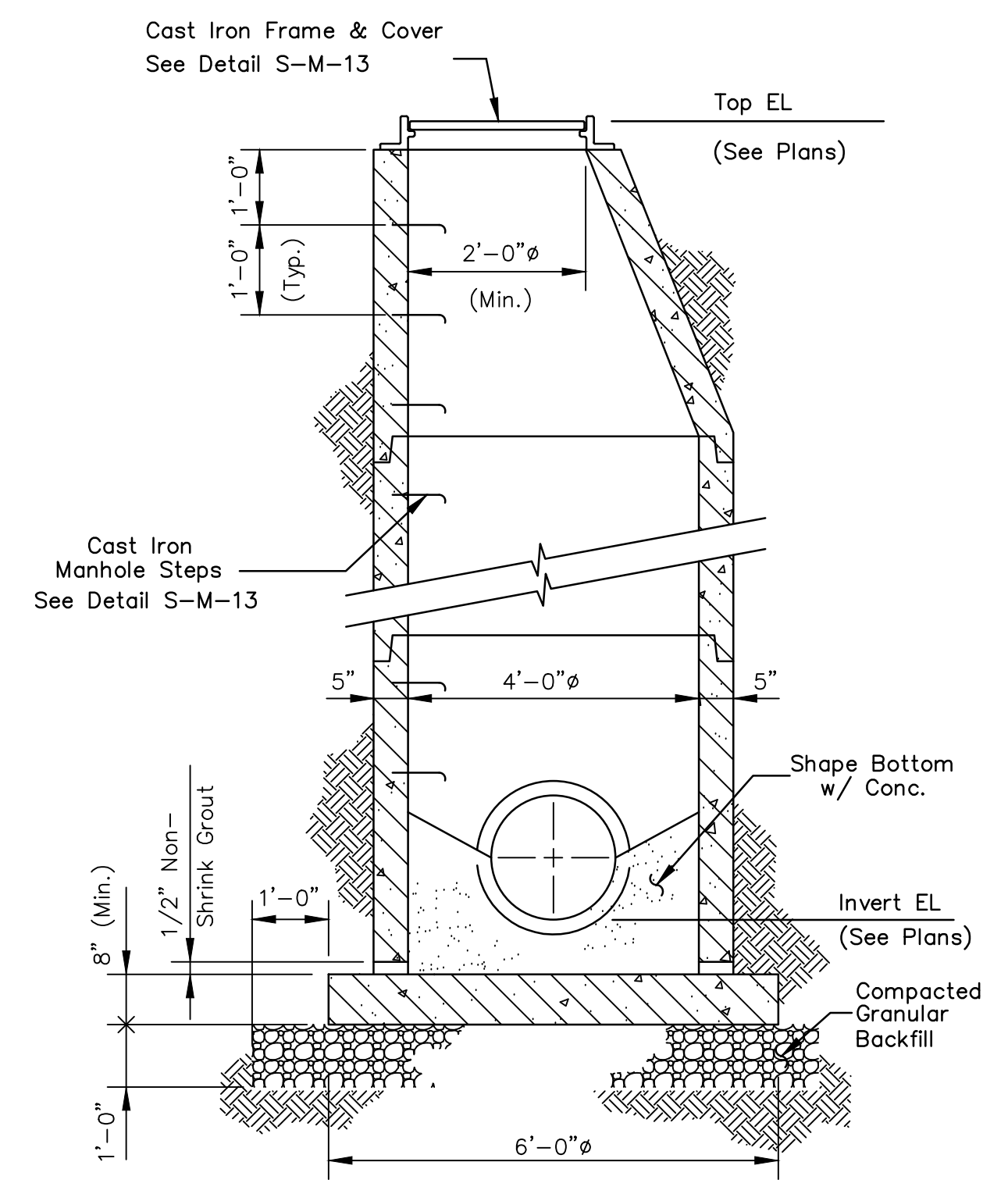
**STRUCTURAL STEEL GRATE BICYCLE SAFE**  
N.T.S.



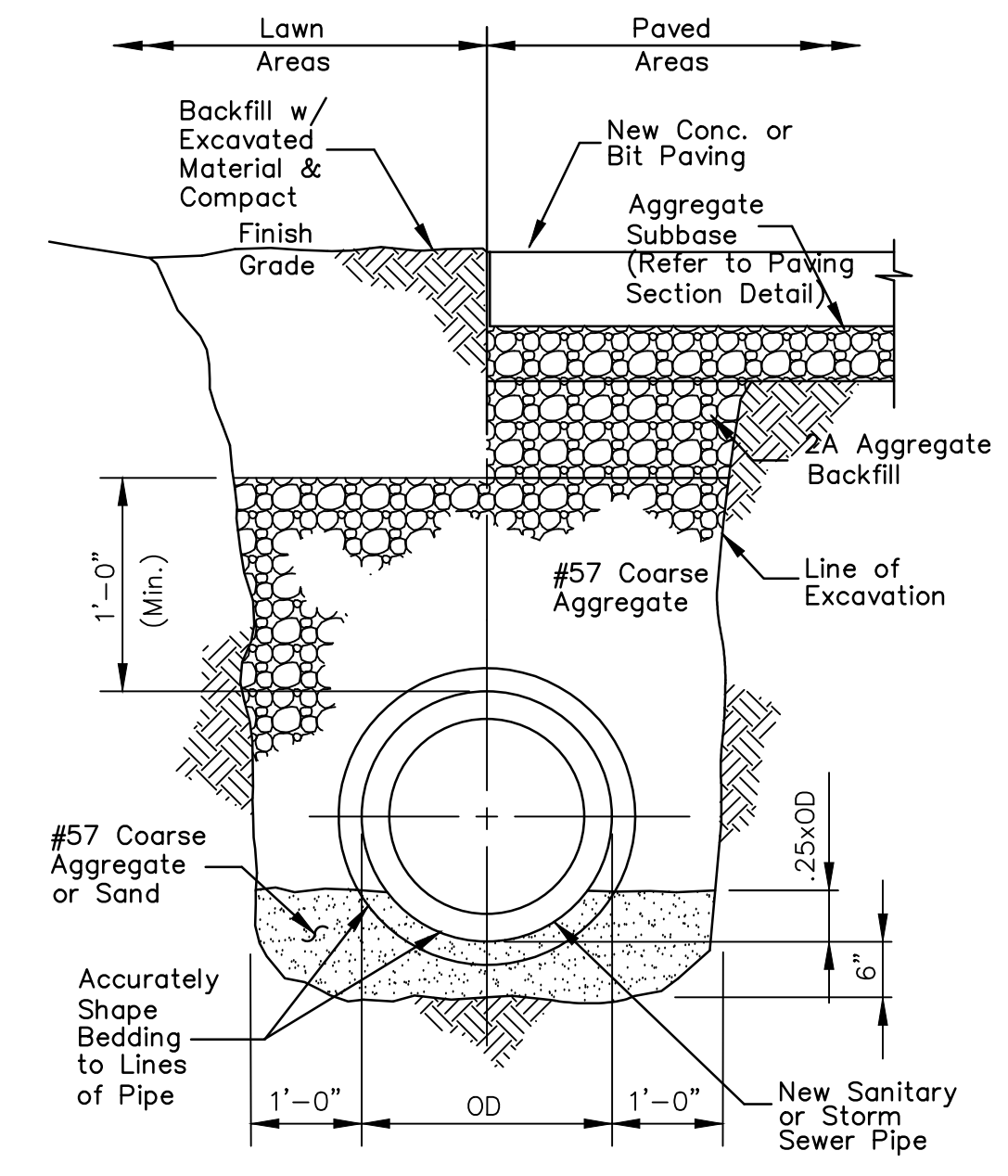
**STORM DRAIN INLET**  
N.T.S.



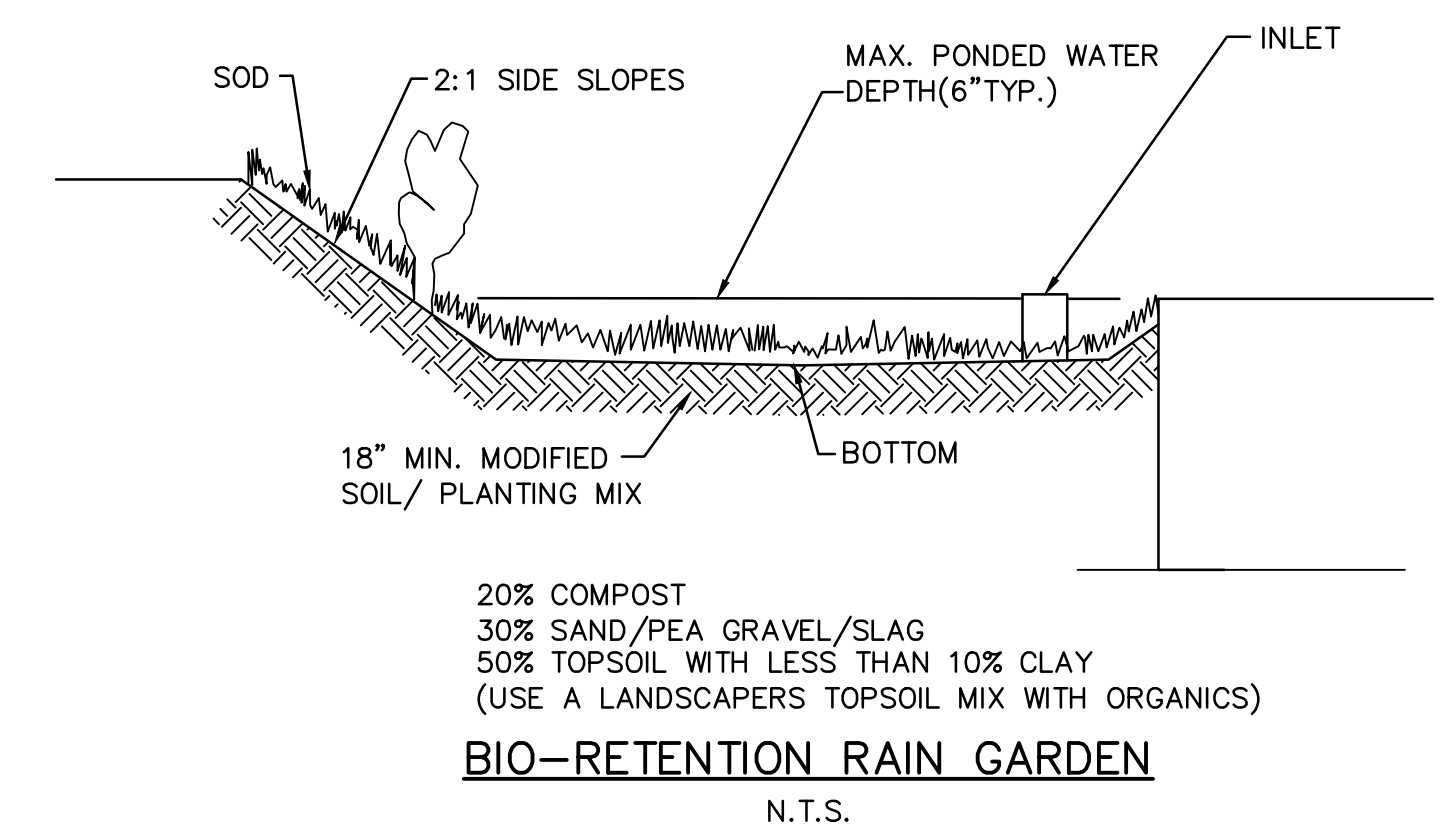
**TYPE M INLET**  
N.T.S.



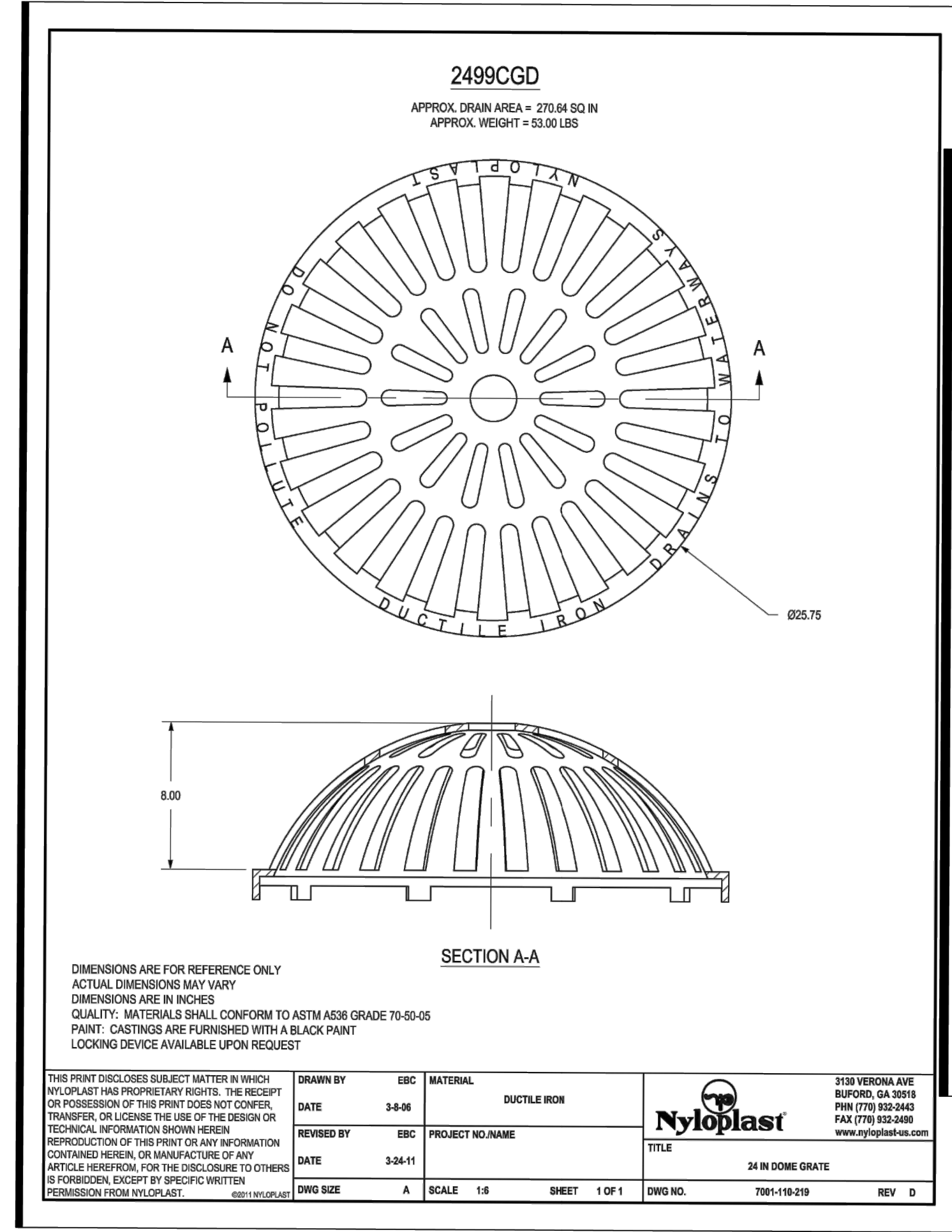
**PRECAST MANHOLE**  
**STORM DRAIN MANHOLE**  
N.T.S.



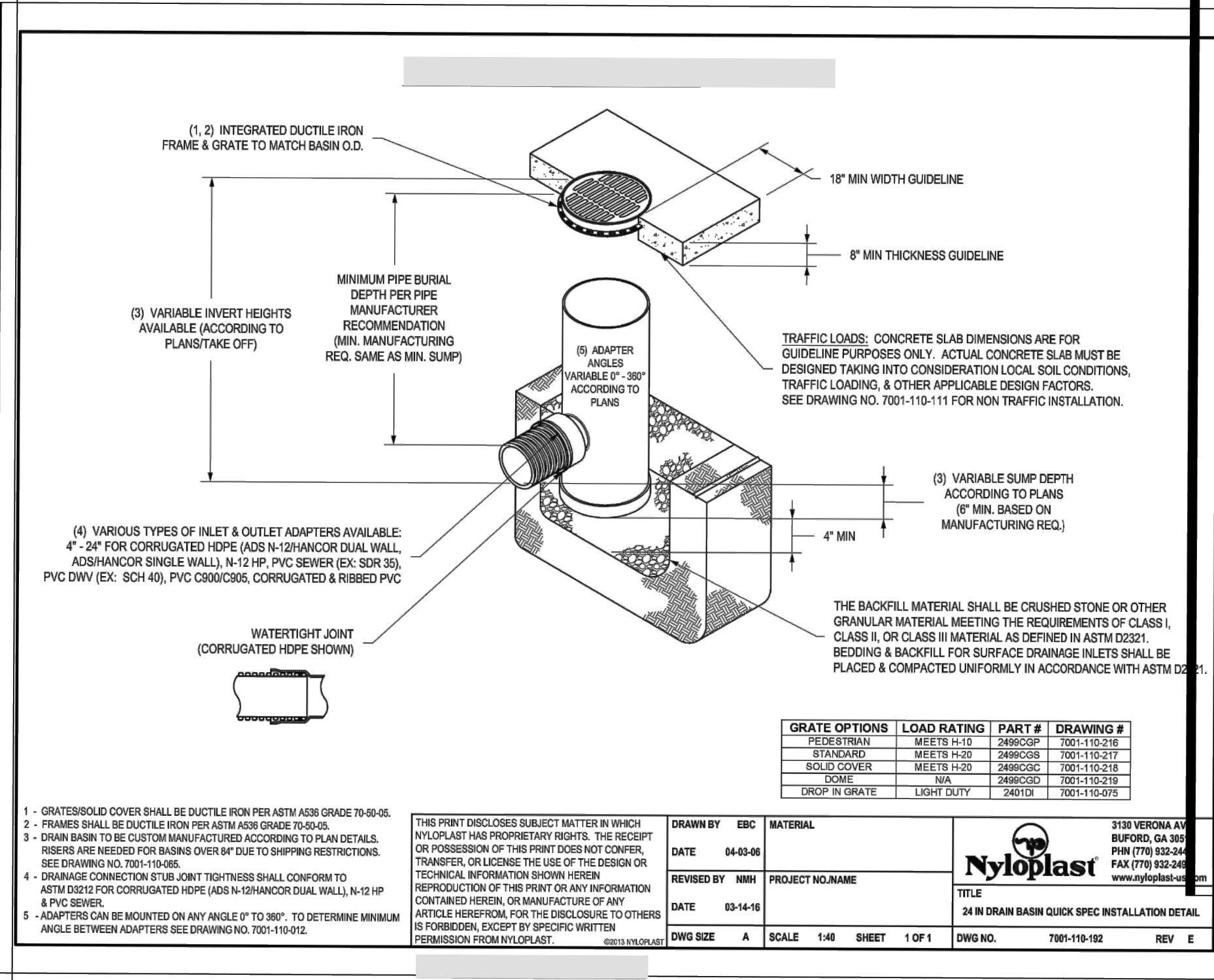
**TYPICAL PIPE TRENCH**  
N.T.S.



**BIO-RETENTION RAIN GARDEN**  
N.T.S.

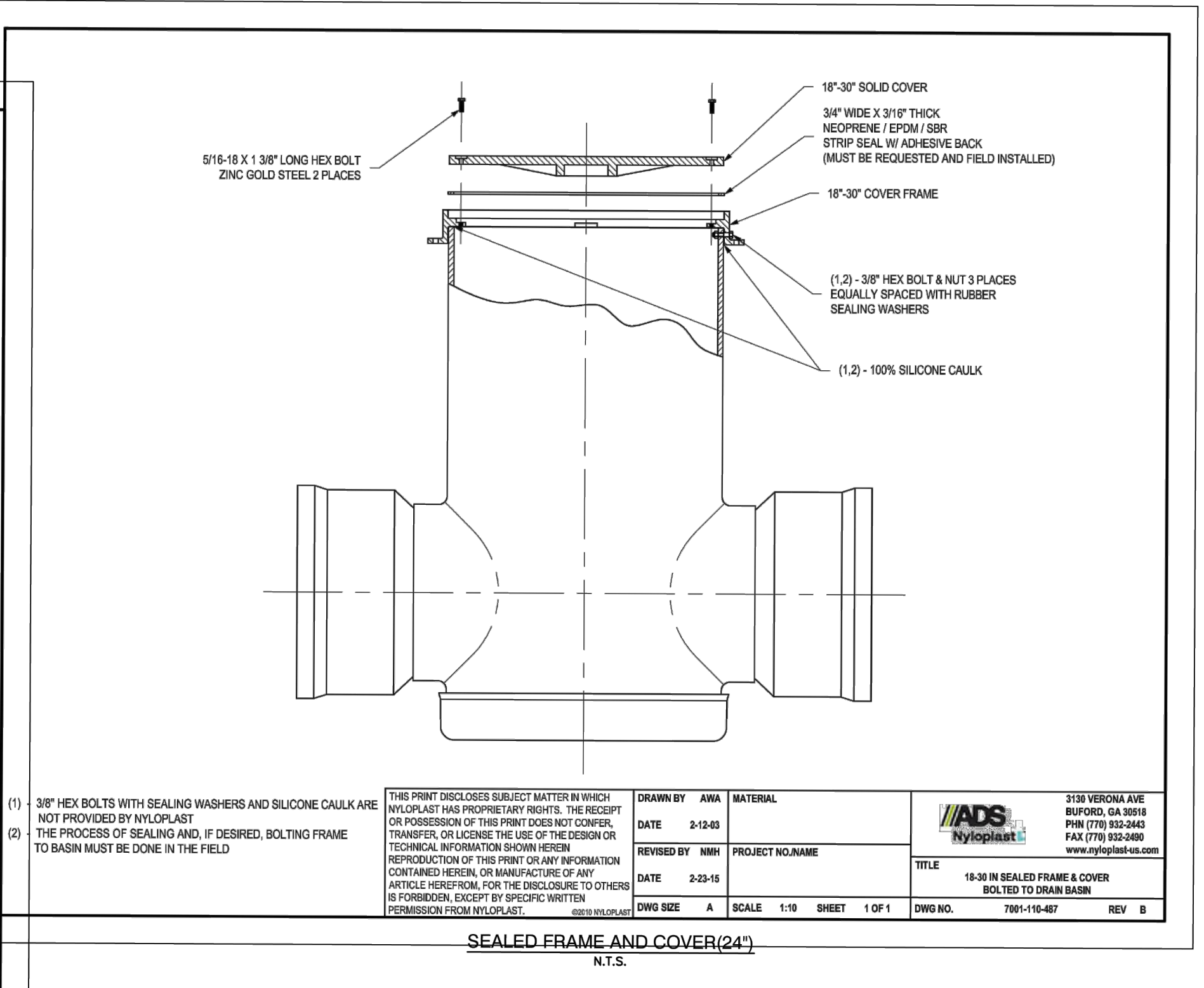


2499CGD	APPROX. GRAIN AREA = 270.64 SQ IN	APPROX. WEIGHT = 53.00 LBS
DIMENSIONS ARE FOR REFERENCE ONLY. ACTUAL DIMENSIONS MAY VARY. CASTINGS ARE FINISHED WITH A BLACK PAINT LOCKING DEVICE AVAILABLE UPON REQUEST.		
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REPRODUCED BY NYLOPLAST	PROJECT NO. NAME	TITLE: 24 IN DRAIN BASK
DATE: 04-11	SCALE: 1/8\"/>	

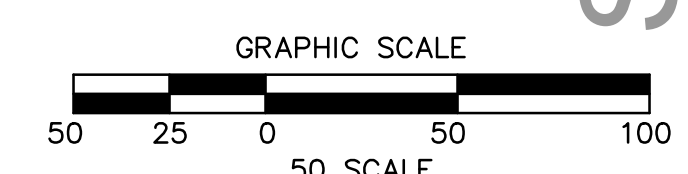


GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
PERFORATED	WEIGHT 1500	2499CGD	2499CGD-1
SPACED	WEIGHT 1500	2499CGD	2499CGD-2
SOLID COVER	WEIGHT 1500	2499CGD	2499CGD-3
SMOOTH	WEIGHT 1500	2499CGD	2499CGD-4
TRIP IN GRATE	WEIGHT 1500	2499CGD	2499CGD-5

**NYLOPLAST DRAIN BASIN WITH DOME RISER GRATE OR SEALED FRAME AND COVER**  
N.T.S.

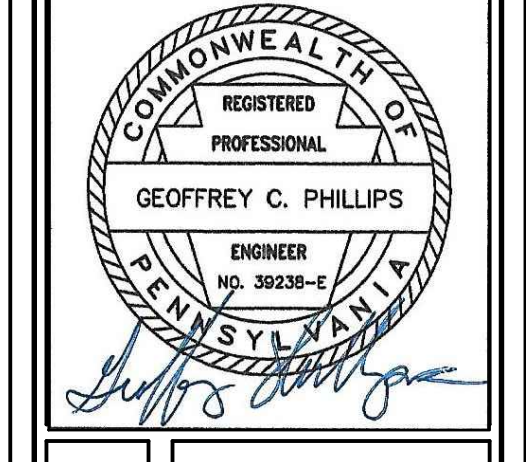


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REPRODUCED BY NYLOPLAST	PROJECT NO. NAME	TITLE: 24 IN DRAIN BASK
DATE: 04-11	SCALE: 1/8\"/>	



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CONSTRUCTION PHASE AND 10 WORKING  
DAYS NOTICE IN DESIGN STAGE.  
STOP CALL  
PENNSYLVANIA ONE CALL SYSTEM, INC.  
1-800-242-1776

NO.	REVISION DESCRIPTION
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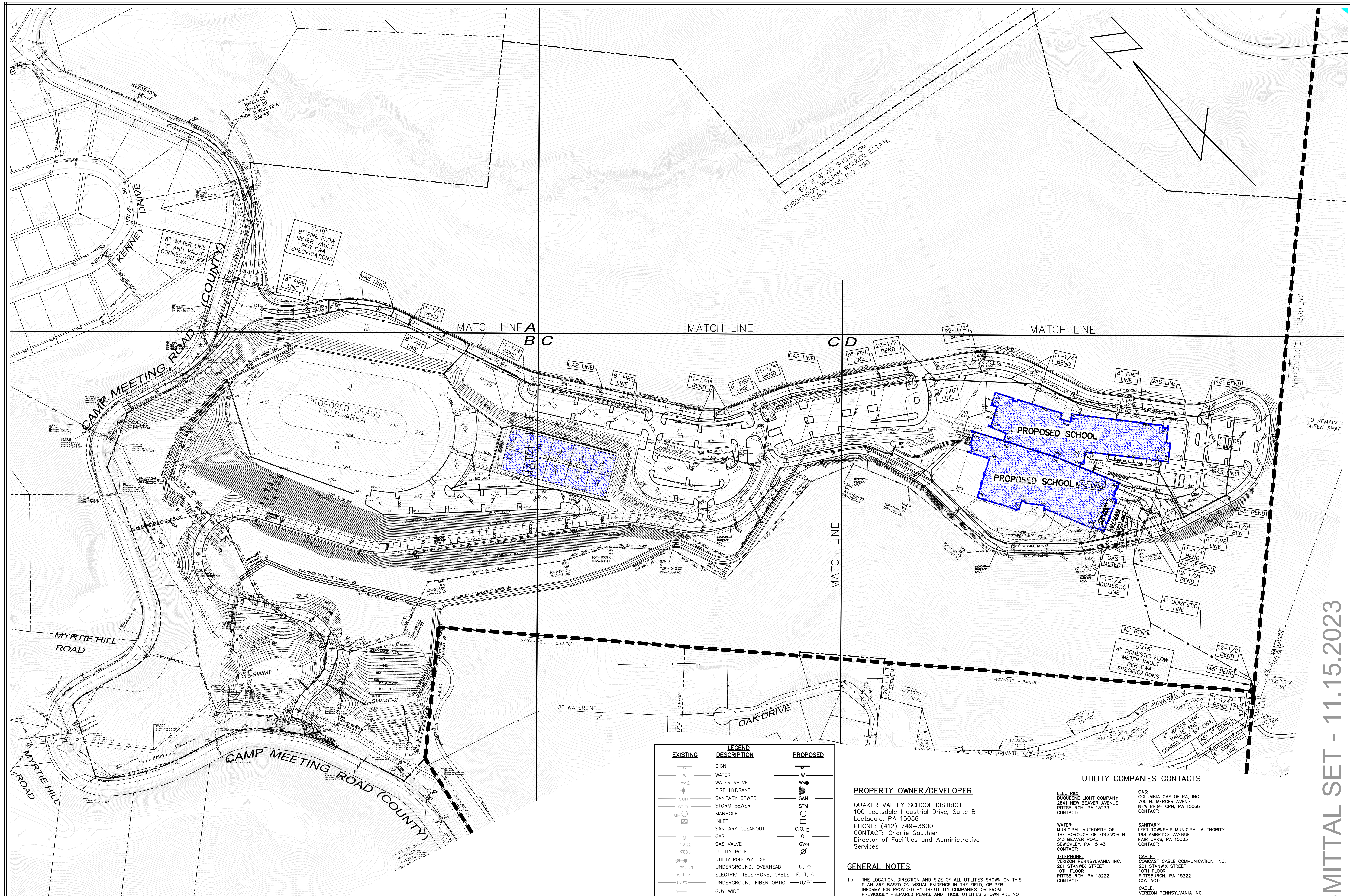


**STORM DRAINAGE DETAILS**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
210 Camp Meeting Road  
Sewickley, Allegheny County, Pennsylvania  
QUAKER VALLEY SCHOOL DISTRICT



DRAWN BY:	DATE:
CHECKED BY:	11/01/23
SCALE:	DATE:
Detail	
JOB NUMBER:	22-023
SHEET NUMBER:	SD300

SUBMITTAL SET - 11.15.2023



60' R/W AS SHOWN ON  
SUBDIVISION WILLIAM WALKER ESTATE  
P.B.V. 148, P.G. 190

N50°25'03"E 1389.26'

TO REMAIN / GREEN SPACE

EXISTING	LEGEND DESCRIPTION	PROPOSED
□	SIGN	□
w	WATER	w
w@	WATER VALVE	w@
+	FIRE HYDRANT	+
sn	SANITARY SEWER	sn
stm	STORM SEWER	stm
MH	MANHOLE	MH
IN	INLET	IN
SC	SANITARY CLEANOUT	SC
g	GAS	g
gv	GAS VALVE	gv
UP	UTILITY POLE	UP
UL	UTILITY LINE W/ LIGHT	UL
UO	UNDERGROUND, OVERHEAD	U, O
E, T, C	ELECTRIC, TELEPHONE, CABLE	E, T, C
U/F0	UNDERGROUND FIBER OPTIC	U/F0
GL	GLY WIRE	GL
SL	SETBACK LINE	SL
PL	PROPERTY LINE	PL
CL	CENTERLINE	CL
RA	RAILING	RA
PA	PLANTING AREA	PA
1072	CONTOUR LINE	1072
TC	TOP CURB ELEV.	TC=
BC	BOTTOM CURB ELEV.	BC=
TCOL	TOP OF COLUMN	TCOL=
FSW	FINISH SIDEWALK ELEV.	FSW=
SL	STREET LIGHT	SL
T	TREE	T
H	HANDICAP RAMP W/DWS	H
C	CONCRETE	C
RIP	RIP-RAP	RIP

**PROPERTY OWNER/DEVELOPER**

QUAKER VALLEY SCHOOL DISTRICT  
100 Leetsdale Industrial Drive, Suite B  
Leetsdale, PA 15056  
PHONE: (412) 749-3600  
CONTACT: Charlie Gauthier  
Director of Facilities and Administrative Services

**GENERAL NOTES**

- 1) THE LOCATION, DIRECTION AND SIZE OF ALL UTILITIES SHOWN ON THIS PLAN ARE BASED ON VISUAL EVIDENCE IN THE FIELD, OR PER INFORMATION PROVIDED BY THE UTILITY COMPANIES, OR FROM PREVIOUSLY PREPARED PLANS, AND THOSE UTILITIES SHOWN ARE NOT NECESSARILY ALL OF THE EXISTING UTILITIES.
- 2) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXACT FIELD LOCATION PRIOR TO ANY EXCAVATION BY NOTIFYING THE PENNSYLVANIA ONE CALL SYSTEM AT LEAST THREE (3) DAYS IN ADVANCE BY CALLING 1-800-242-1776.
- 3) PROPERTY IS LOCATED OUTSIDE THE 500-YEAR FLOOD PLAN AS SHOWN ON THE FEDERAL FLOOD INSURANCE RATE MAP FOR TOWNSHIP OF LEET, BOROUGH OF LEETSDALE AND BOROUGH OF EDGEWORTH, ALLEGHENY COUNTY, PA F.I.R.M. PANEL NO.420030154H, DATED SEPTEMBER 26, 2014.
- 4) ALL UNDERGROUND PIPE SIZES AND TYPES HAVE BEEN OBSERVED FROM GROUND LEVEL. NO ATTEMPT HAS BEEN MADE TO ENTER UNDERGROUND FACILITIES FOR ACTUAL MEASUREMENTS.
- 5) FIELD SURVEY OF PROPERTY BOUNDARY, UTILITIES, EASEMENTS, RIGHT OF WAYS, PHYSICAL STRUCTURES, ETC. BY DENNIS DULL LAND SURVEYING, 120 KLINE AVENUE, NORTH VERSAILLES, PA 15137 PH: (412) 823-0283
- 6) AERIAL TOPOGRAPHIC MAPPING BY THE THRASHER GROUP, INC., 600 WHITE OAK BOULEVARD, P.O. BOX 940, BRIDGEPORT, WV 26330 PHONE: 1 (800) 273-6541. DATE OF AERIAL PHOTOGRAPHY: 4-20-22

**UTILITY COMPANIES CONTACTS**

**ELECTRIC:**  
DUQUESNE LIGHT COMPANY  
2841 NEW BEAVER AVENUE  
PITTSBURGH, PA 15233  
CONTACT:

**WATER:**  
MUNICIPAL AUTHORITY OF THE BOROUGH OF EDGEWORTH  
313 BEAVER ROAD  
SEWICKLEY, PA 15143  
CONTACT:

**TELEPHONE:**  
VERIZON PENNSYLVANIA INC.  
201 STANWIX STREET  
10TH FLOOR  
PITTSBURGH, PA 15222  
CONTACT:

**GAS:**  
COLUMBIA GAS OF PA, INC.  
700 W MERCER AVENUE  
NEW BRIGHTON, PA 15066  
CONTACT:

**SANITARY:**  
LEET TOWNSHIP MUNICIPAL AUTHORITY  
198 AMBRIDGE AVENUE  
FAIR OAKS, PA 15003  
CONTACT:

**CABLE:**  
COMCAST CABLE COMMUNICATION, INC.  
201 STANWIX STREET  
10TH FLOOR  
PITTSBURGH, PA 15222  
CONTACT:

**CABLE:**  
VERIZON PENNSYLVANIA INC.  
201 STANWIX STREET  
10TH FLOOR  
PITTSBURGH, PA 15222  
CONTACT:

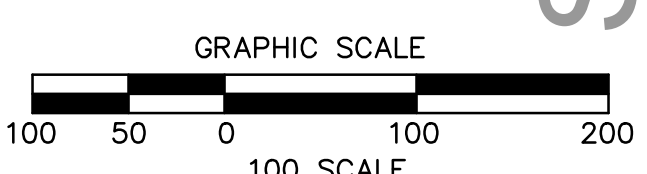
**GOVERNMENTAL CONTACTS**

**MUNICIPALITY:**  
LEET TOWNSHIP  
198 AMBRIDGE AVENUE  
FAIR OAKS, PA 15003  
PHONE: 724-266-2280  
CONTACT:

**MUNICIPALITY:**  
BOROUGH OF LEETSDALE  
373 BEAVER STREET  
LEETSDALE, PA 15026  
PHONE: 724-266-4820  
CONTACT:

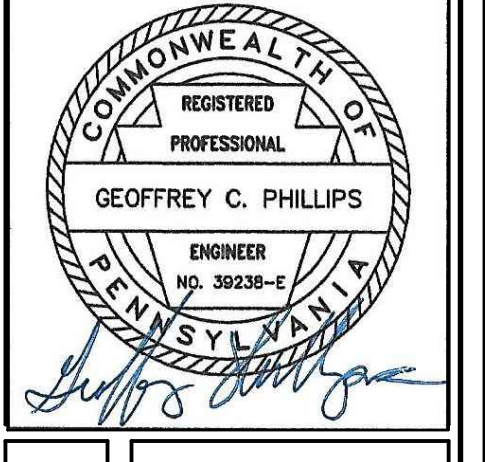
**MUNICIPALITY:**  
BOROUGH OF EDGEWORTH  
301 BEAVER ROAD  
EDGEWORTH, PA 15143  
PHONE: 412-741-2886  
CONTACT:

**CAMP MEETING ROAD:**  
ALLEGHENY COUNTY  
DEPARTMENT OF PUBLIC WORKS  
501 COUNTY BUILDING  
542 FORBES AVENUE  
PITTSBURGH, PA 15219  
PHONE: 412-350-5874  
CONTACT:



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NO.	REVISION DESCRIPTION
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**SITE UTILITY PLAN**

**NEW QUAKER VALLEY HIGH SCHOOL**  
210 Camp Meeting Road  
Sewickley, Allegheny County, Pennsylvania  
QUAKER VALLEY SCHOOL DISTRICT

1122 MOSSIDE BOULEVARD  
WALL, PENNSYLVANIA 15146  
PHONE (412) 825-4040  
FAX (412) 825-4042

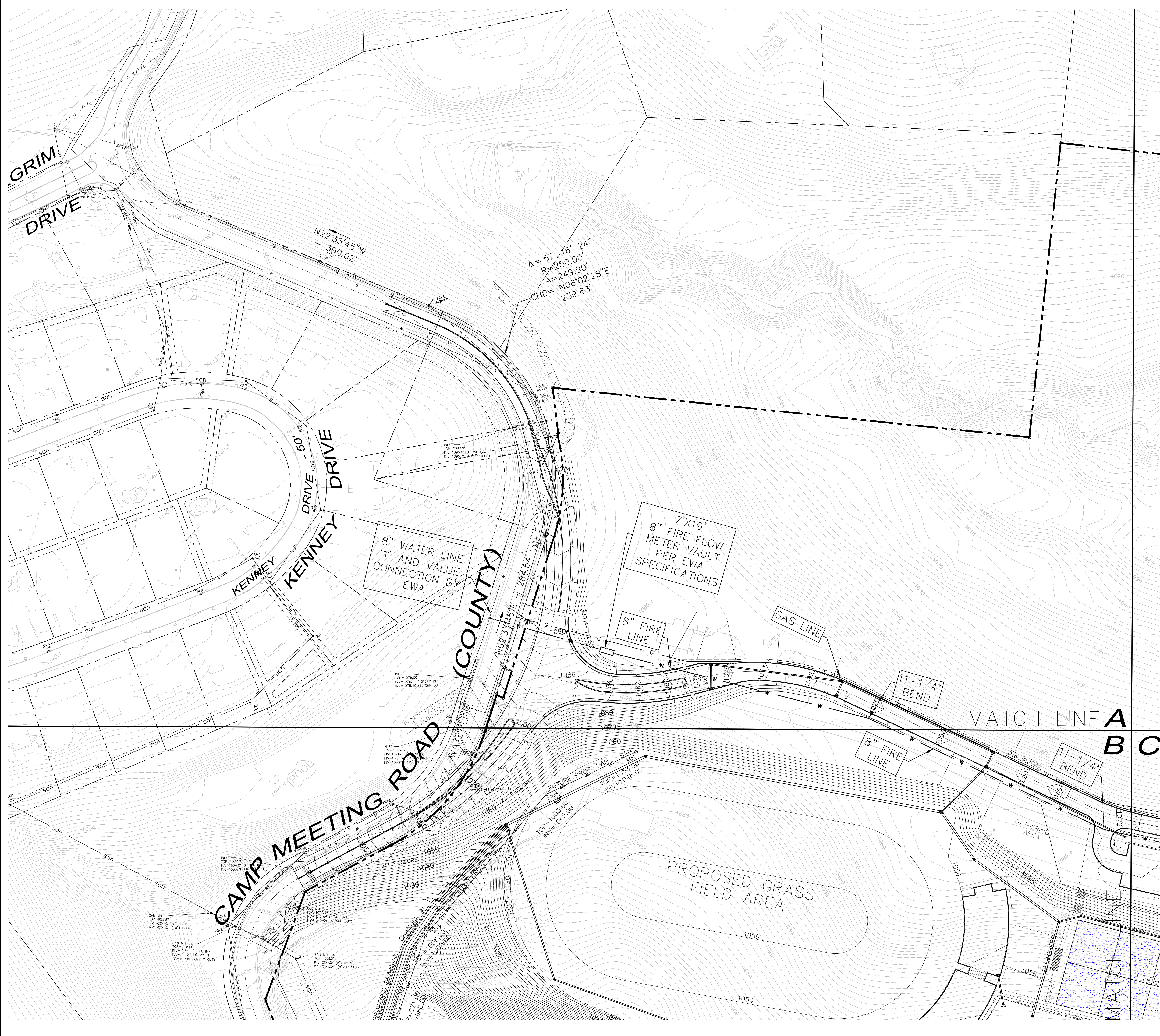
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CHECKED BY:

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DATE: 11/01/23

JOB NUMBER: 22-003

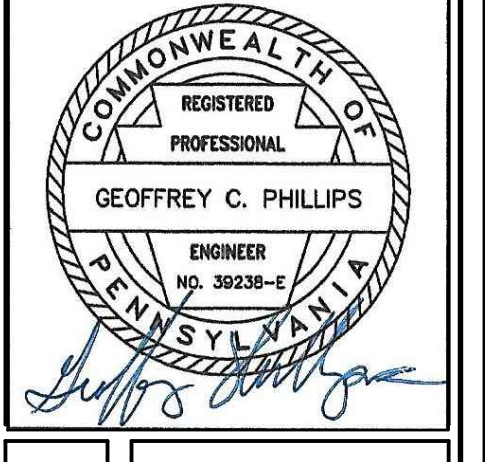
SHEET NUMBER: 51100

SUBMITTAL SET - 11.15.2023



EXISTING	LEGEND DESCRIPTION	PROPOSED
W	SIGN	W
WV	WATER VALVE	WV
WVH	FIRE HYDRANT	WVH
SSN	SANITARY SEWER	SAN
STM	STORM SEWER	STM
MH	MANHOLE	MH
INLET	INLET	INLET
SC	SANITARY CLEANOUT	SC
G	GAS	G
GV	GAS VALVE	GV
UP	UTILITY POLE	UP
UPL	UTILITY POLE W/ LIGHT	UPL
UO	UNDERGROUND, OVERHEAD	U, O
ETC	ELECTRIC, TELEPHONE, CABLE	E, T, C
UFO	UNDERGROUND FIBER OPTIC	U/FO
GW	GUY WIRE	GW
SL	SETBACK LINE	SL
PL	PROPERTY LINE	PL
CL	CENTERLINE	CL
RA	RAILING	RA
PA	PLANTING AREA	PA
1072	CONTOUR LINE	1072
TC	TOP CURB ELEV.	TC
BC	BOTTOM CURB ELEV.	BC
TCOL	TOP OF COLUMN	TCOL
FSW	FINISH SIDEWALK ELEV.	FSW
SLT	STREET LIGHT	SLT
T	TREE	T
HR	HANDICAP RAMP w/DWS	HR
C	CONCRETE	C
R	RIP-RAP	R

NO.	REVISION DESCRIPTION
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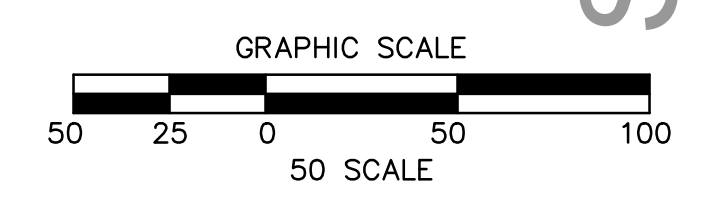
**SITE UTILITY PLAN**

**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT

**SUBMITTAL SET - 11.15.2023**

**PHILLIPS**  
 & ASSOCIATES, INC.  
 ENGINEERING & PLANNING  
 CONSTRUCTION

1122 MOSSIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4090  
 FAX (412) 825-4092



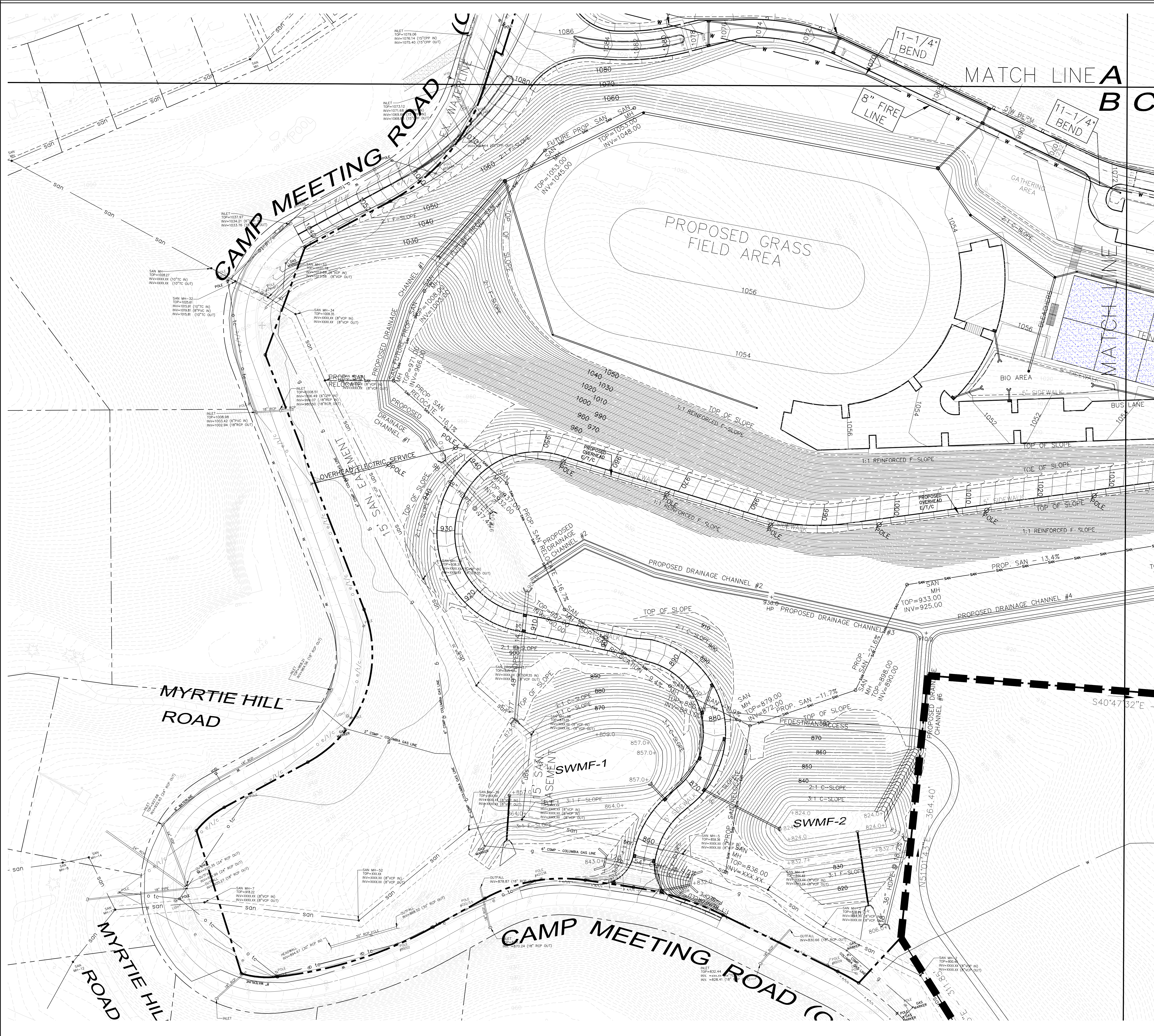
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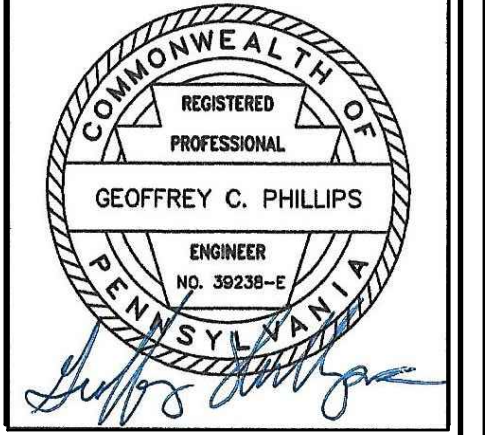
JOB NUMBER: 22-023

SHEET NUMBER: **SU200A**



EXISTING	LEGEND DESCRIPTION	PROPOSED
—	SIGN	—
W	WATER	W
WV	WATER VALVE	WV
FH	FIRE HYDRANT	FH
SS	SANITARY SEWER	SS
SSM	STORM SEWER	SSM
MH	MANHOLE	MH
IN	INLET	IN
SC	SANITARY CLEANOUT	SC
G	GAS	G
GV	GAS VALVE	GV
UP	UTILITY POLE	UP
U/L	UTILITY POLE W/ LIGHT	U/L
U/T	UNDERGROUND, OVERHEAD	U/T
E/T	ELECTRIC, TELEPHONE, CABLE	E/T
U/FO	UNDERGROUND FIBER OPTIC	U/FO
—	GUY WIRE	—
—	SETBACK LINE	—
—	PROPERTY LINE	—
—	CENTERLINE	—
—	RAILING	—
P/A	PLANTING AREA	P/A
1072	CONTOUR LINE	1072
TC	TOP CURB ELEV.	TC
BC	BOTTOM CURB ELEV.	BC
TCOL	TOP OF COLUMN	TCOL
FSW	FINISH SIDEWALK ELEV.	FSW
SL	STREET LIGHT	SL
T	TREE	T
HR	HANDICAP RAMP w/DWS	HR
CON	CONCRETE	CON
RIP-RAP	RIP-RAP	RIP-RAP

NO.	REVISION DESCRIPTION
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**SITE UTILITY PLAN**

**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT

**SUBMITTAL SET - 11.15.2023**



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 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4090  
 FAX (412) 825-4092

DRAWN BY:  
 CHECKED BY:

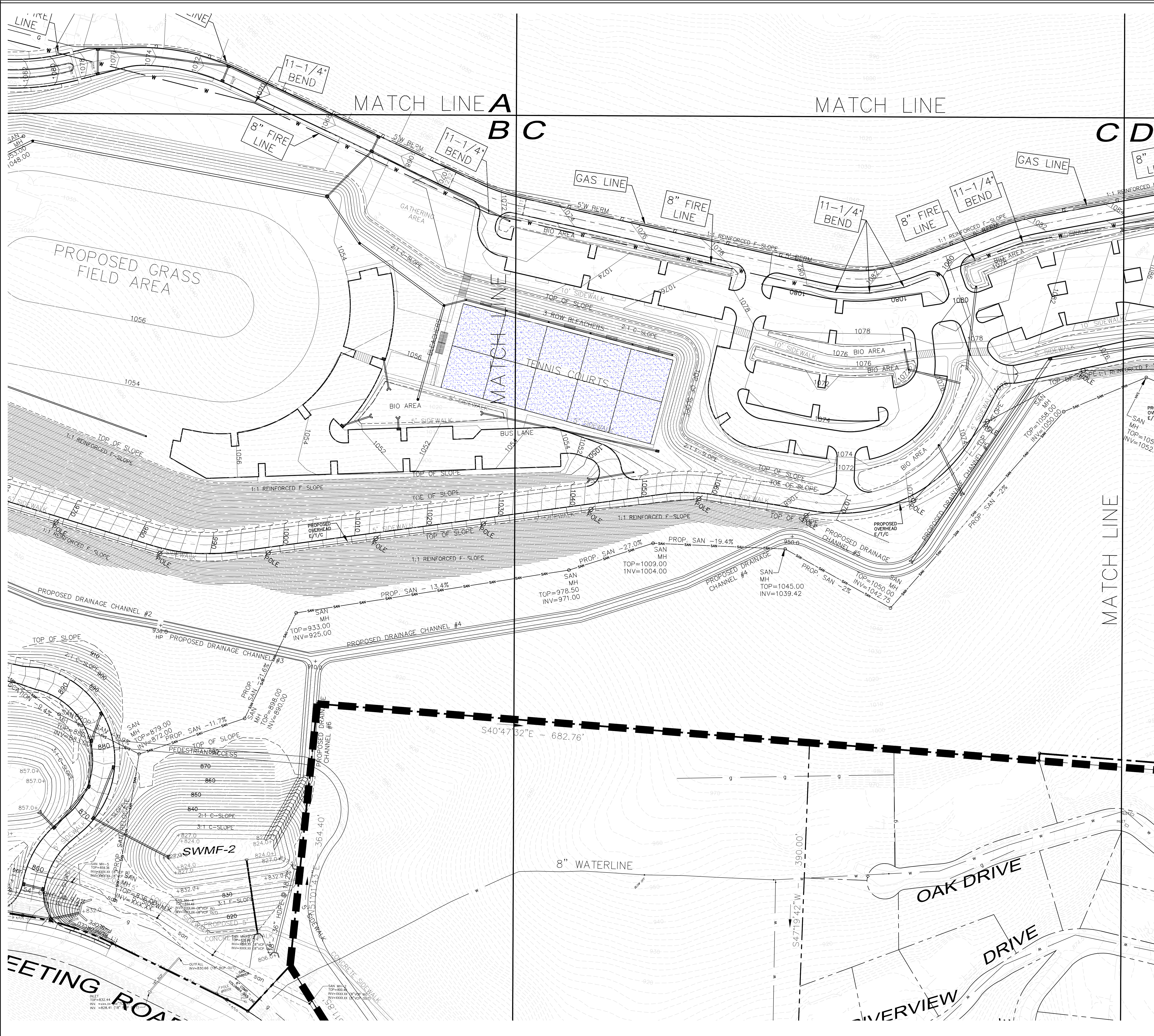
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JOB NUMBER:  
 22-023

SHEET NUMBER:  
**SU200B**

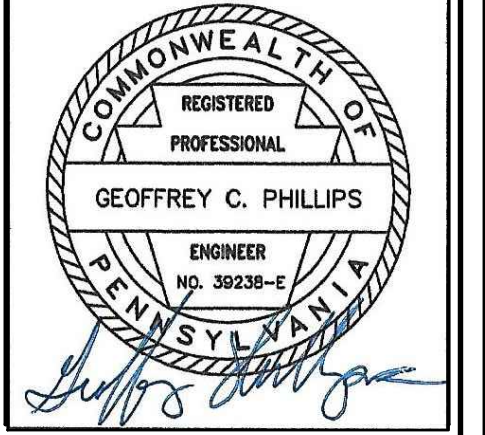
GRAPHIC SCALE  
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 SCALE

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 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
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EXISTING	LEGEND DESCRIPTION	PROPOSED
W	SIGN	W
WV	WATER VALVE	WV
WV	FIRE HYDRANT	WV
SS	SANITARY SEWER	SS
STM	STORM SEWER	STM
MH	MANHOLE	MH
IN	INLET	IN
SC	SANITARY CLEANOUT	SC
G	GAS	G
GV	GAS VALVE	GV
UP	UTILITY POLE	UP
U/W	UTILITY POLE W/ LIGHT	U/W
U/T/C	ELECTRIC, TELEPHONE, CABLE	U/T/C
U/FO	UNDERGROUND FIBER OPTIC	U/FO
GW	GUY WIRE	GW
SL	SETBACK LINE	SL
PL	PROPERTY LINE	PL
CL	CENTERLINE	CL
RA	RAILING	RA
PA	PLANTING AREA	PA
1072	CONTOUR LINE	1072
TC	TOP CURB ELEV.	TC
BC	BOTTOM CURB ELEV.	BC
TCOL	TOP OF COLUMN	TCOL
FSW	FINISH SIDEWALK ELEV.	FSW
SL	STREET LIGHT	SL
T	TREE	T
HR	HANDICAP RAMP w/DWS	HR
C	CONCRETE	C
RIP-RAP	RIP-RAP	RIP-RAP

NO.	REVISION DESCRIPTION
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**SITE UTILITY PLAN**

**NEW QUAKER VALLEY HIGH SCHOOL**  
210 Camp Meeting Road  
Sewickley, Allegheny County, Pennsylvania  
QUAKER VALLEY SCHOOL DISTRICT

**SUBMITTAL SET - 11.15.2023**



1122 MOSSIDE BOULEVARD  
WALL, PENNSYLVANIA 15146  
PHONE (412) 825-4040  
FAX (412) 825-4042

DRAWN BY:  
CHECKED BY:

SCALE: 1"=50'      DATE: 11/01/23

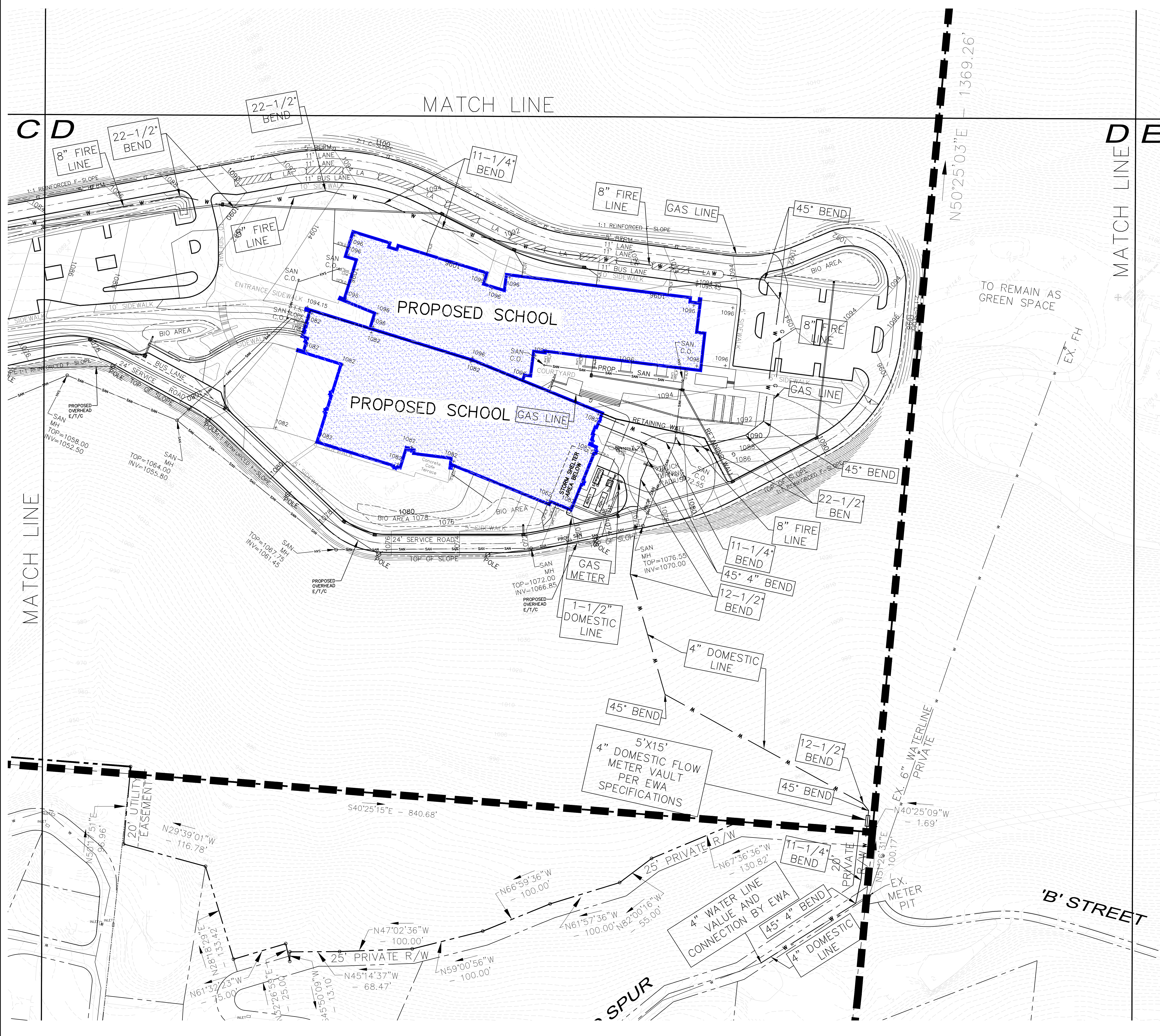
JOB NUMBER:  
22-003

SHEET NUMBER:  
SU200C

GRAPHIC SCALE  
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SCALE

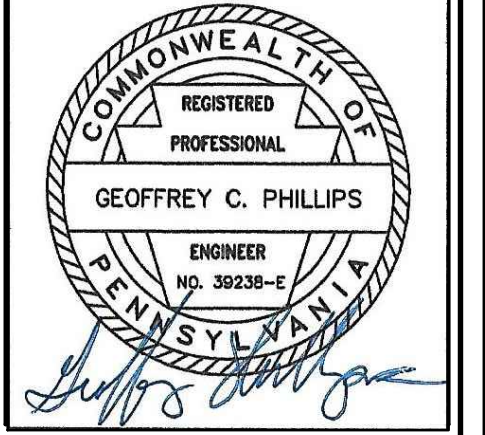
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EXISTING	DESCRIPTION	PROPOSED
W	SIGN	W
WV	WATER VALVE	WV
WVH	WATER HYDRANT	WVH
san	SANITARY SEWER	SAN
stm	STORM SEWER	STM
MH	MANHOLE	MH
INLET	INLET	INLET
SC	SANITARY CLEANOUT	SC
G	GAS	G
GV	GAS VALVE	GV
UP	UTILITY POLE	UP
UPL	UTILITY POLE W/ LIGHT	UPL
ETC	ELECTRIC, TELEPHONE, CABLE	ETC
UFO	UNDERGROUND FIBER OPTIC	UFO
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BC	BOTTOM CURB ELEV.	BC
TOP	TOP OF COLUMN	TOP
FSW	FINISH SIDEWALK ELEV.	FSW
SL	STREET LIGHT	SL
T	TREE	T
HR	HANDICAP RAMP w/DWS	HR
C	CONCRETE	C
RIP	RIP-RAP	RIP

NO.	REVISION DESCRIPTION
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**SITE UTILITY PLAN**

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 QUAKER VALLEY SCHOOL DISTRICT

**PHILLIPS & ASSOCIATES, INC.**  
 ENGINEERING & PLANNING  
 CONSTRUCTION

1122 MOSSIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4090  
 FAX (412) 825-4092

**SUBMITTAL SET - 11.15.2023**

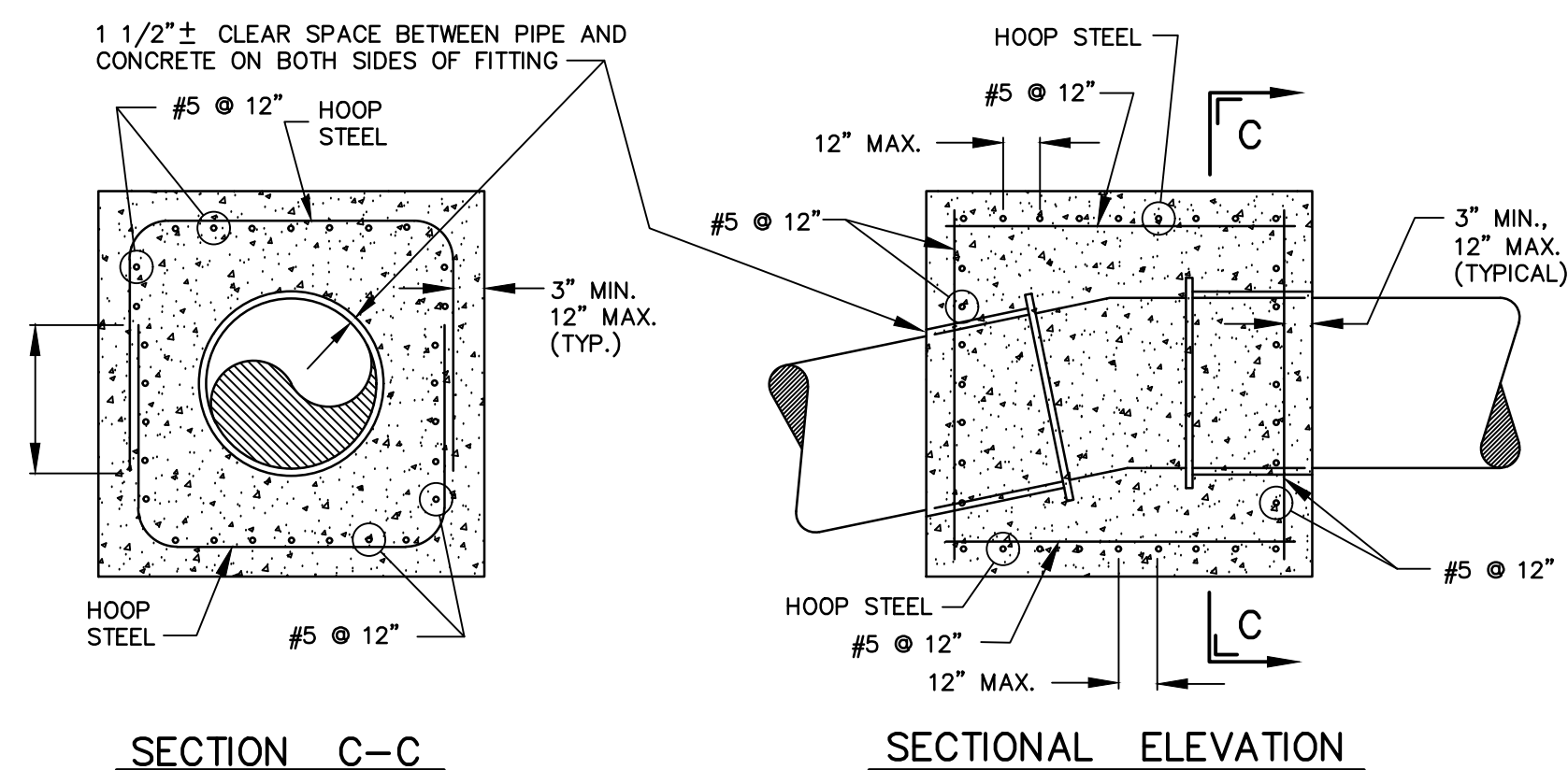
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 CHECKED BY: \_\_\_\_\_

SCALE: 1"=50'      DATE: 11/01/23

JOB NUMBER: 22-023

SHEET NUMBER: **SU200D**

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 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776



SECTION C-C SECTIONAL ELEVATION  
**LARGE GRAVITY BLOCK**  
 (FOR UPWARD VERTICAL THRUST RESTRAINT)  
 MINIMUM REINFORCING STEEL REQUIREMENTS

BAR SIZE	MINIMUM NUMBER OF TOTAL HOOPS PER C.Y. OF CONCRETE PROVIDED *	MINIMUM L
5	.0317	30"
6	0.220	43"
7	0.162	58"

\* MULTIPLY THE TOTAL C.Y. OF CONCRETE TO BE PROVIDED BY THE FACTOR SHOWN AND ROUND UP TO THE NEXT WHOLE NUMBER TO DETERMINE THE MINIMUM NUMBER OF HOOPS REQUIRED FOR A GIVEN BAR SIZE. THE SPACING OF HOOP STEEL SHALL BE NO GREATER THAN 12" CENTER TO CENTER.  
 REINFORCING STEEL MAY BE GRADE 40, 50 OR 60.  
 NOTE: THIS REINFORCING REQUIREMENT APPLIES ONLY TO GRAVITY THRUST BLOCKS AND DOES NOT APPLY TO REACTION BLOCKING.

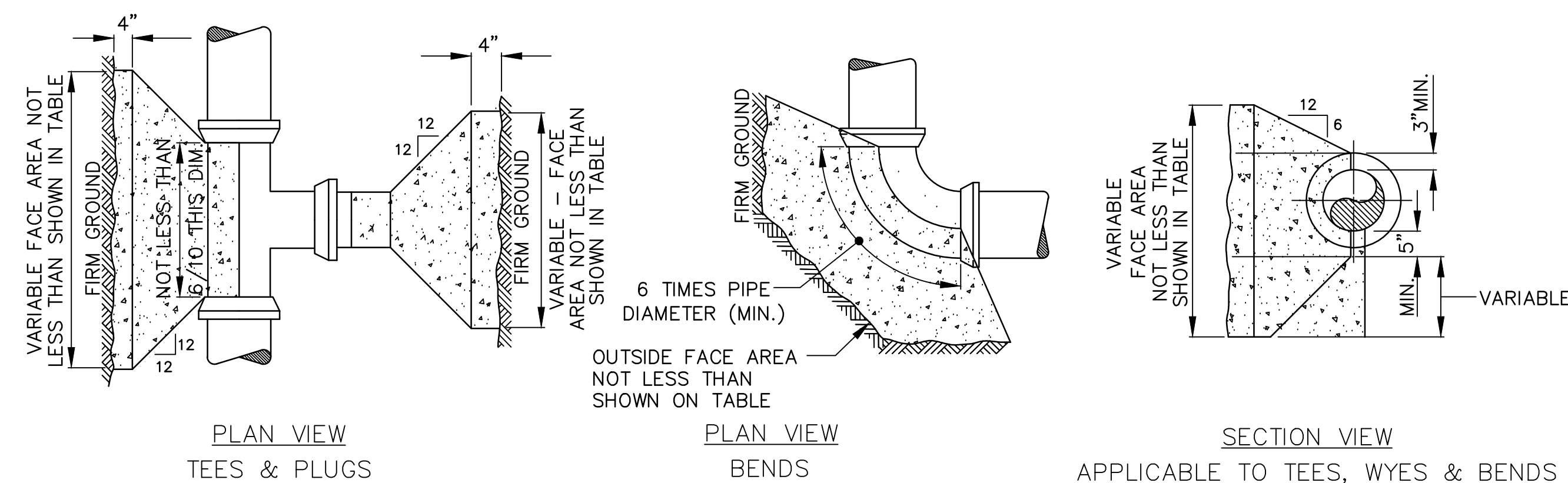
**RESPONSIBILITY AND MINIMUM PROVISIONS**  
 IT IS THE CONTRACTOR'S BROAD OVERALL RESPONSIBILITY TO CONSTRUCT A WORKABLE WATERLINE WHICH WILL BE SERVICEABLE AND WHICH WILL SATISFACTORILY MEET THE REQUIRED HYDROSTATIC TEST UPON COMPLETION. IN ALL INSTANCES, EVEN IN AREAS WHERE RESTRAINED JOINTS ARE TO BE INSTALLED, THE CONTRACTOR SHALL INSTALL NO LESS THAN THE AMOUNTS OF CONCRETE REACTION BLOCKING INDICATED IN THE TABLE AS ADJUSTED TO REFLECT ACTUAL HYDROSTATIC TEST PRESSURE. FOR UPWARD THRUSTING VERTICAL BENDS, THE VOLUME OF GRAVITY BLOCKING SHALL CONFORM TO THE ABOVE TABLE AS ADJUSTED TO REFLECT ACTUAL HYDROSTATIC TEST PRESSURE EXCEPT THAT IN RESTRAINED JOINT AREAS, THE VOLUME OF CONCRETE GRAVITY BLOCKING MAY BE 67% OF THE VOLUME AS ADJUSTED TO REFLECT ACTUAL HYDROSTATIC TEST PRESSURE. TO ADJUST REACTION BLOCKING AND GRAVITY BLOCKING VALUES GIVEN IN THE TABLE TO REFLECT THE ACTUAL HYDROSTATIC TEST PRESSURE CONDITIONS, MULTIPLY THE VALUE GIVEN IN THE TABLE TIMES THE ACTUAL HYDROSTATIC TEST PRESSURE (IN POUNDS PER SQUARE INCH) TO BE APPLIED, AND DIVIDE THAT RESULTING NUMBER BY 300.

PIPE SIZE (in.)	AREA (sq.in.)	TOTAL FORCE (lbs.)	REACTION BLOCKING					GRAVITY BLOCKING * * *				
			TEES & PLUGS	90° BENDS	45° BENDS	22 1/2° BENDS	11 1/4° BENDS	45° BENDS	22 1/2° BENDS	11 1/4° BENDS		
4	19.39	5,820	1.5	2.1	1.1	1.0	1.0	1.6	0.9	0.5		
6	39.24	11,770	2.9	4.2	2.3	1.1	1.0	3.3	1.8	0.9		
8	66.73	20,020	5.0	7.1	3.8	2.0	1.0	5.5	3.0	1.6		
10	99.71	29,910	7.5	10.6	5.7	2.9	1.5	8.2	4.5	2.3		
12	140.32	42,100	10.5	14.9	8.1	4.1	2.1	11.5	6.3	3.2		
16	242.38	72,720	18.2	25.8	14.0	7.1	3.6	19.9	10.8	5.5		
20	372.13	111,640	28.0	39.5	21.4	10.9	5.5	30.5	16.5	8.5		
24	528.48	158,544	39.6	56.1	30.3	15.5	7.8	43.0	23.2	11.9		
30	812.82	243,845	61.0	86.2	46.7	23.8	12.0	66.1	35.8	18.2		
36	1162.34	348,703	87.2	123.3	66.7	34.0	17.1	94.5	51.1	26.1		

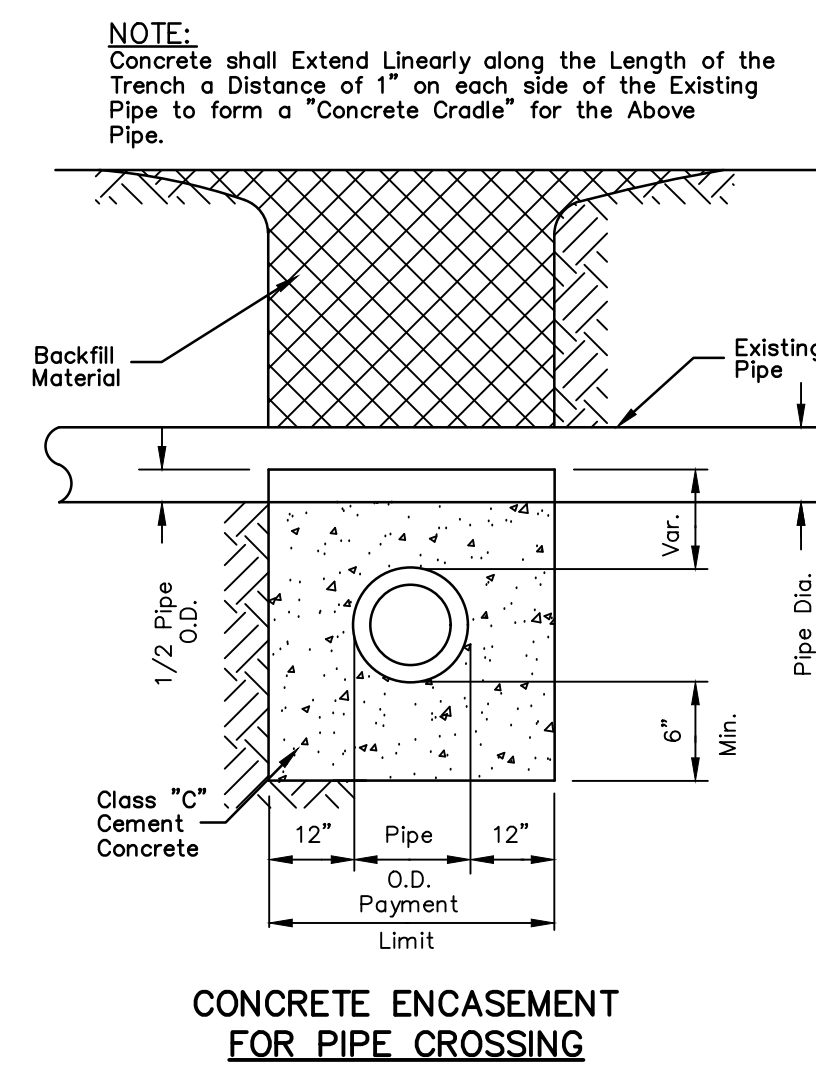
\* BEARING SURFACE AREA OF BLOCKING AGAINST UNDISTURBED EARTH.  
 \* \* GRAVITY BLOCKING TABLE APPLIES ONLY TO VERTICAL BENDS WHERE THE THRUST IS UPWARDS. THE REACTION BLOCKING TABLE APPLIES TO ALL OTHER TYPES OF FITTINGS.

**COMPUTATION NOTES:**

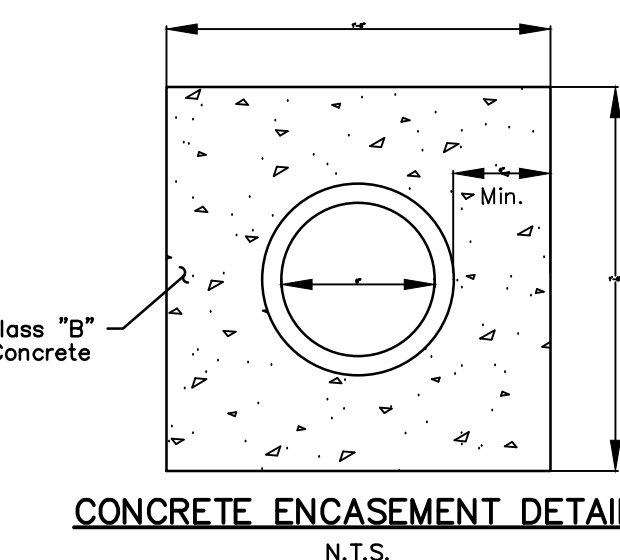
- \* CALCULATIONS BASED ON 300 P.S.I. PRESSURE IN PIPELINE.
- \* CALCULATIONS FOR CONCRETE VOLUME REQUIREMENTS OF GRAVITY BLOCKING INCLUDE A FACTOR OF SAFETY OF 1.50.
- \* CALCULATIONS FOR REACTION BLOCKING COMPUTED USING AN ASSUMED ALLOWABLE EARTH BEARING PRESSURE OF 4000 PSF. IF EARTH ENCOUNTERED WILL NOT WITHSTAND THIS PRESSURE, THE BEARING SURFACE AREA OF THE BLOCK MUST BE INCREASED IN PROPORTION TO THE ACTUAL SOIL BEARING CAPACITY.



PLAN VIEW TEES & PLUGS PLAN VIEW BENDS SECTION VIEW APPLICABLE TO TEES, WYES & BENDS  
**HORIZONTAL AND DOWNWARD VERTICAL THRUST REACTION BLOCKING DETAILS**



**CONCRETE ENCASEMENT FOR PIPE CROSSING**  
 N.T.S.

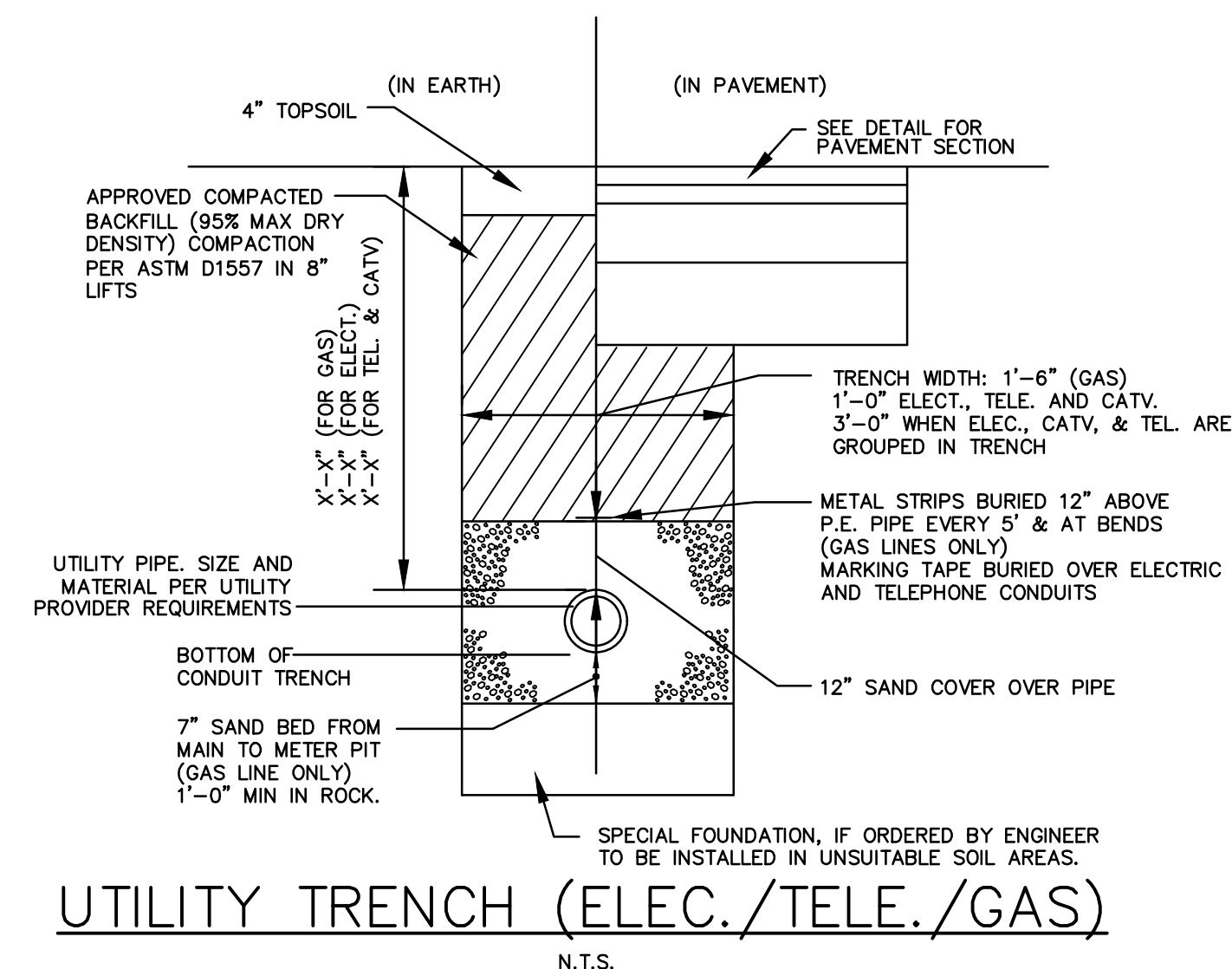


**CONCRETE ENCASEMENT DETAIL**  
 N.T.S.

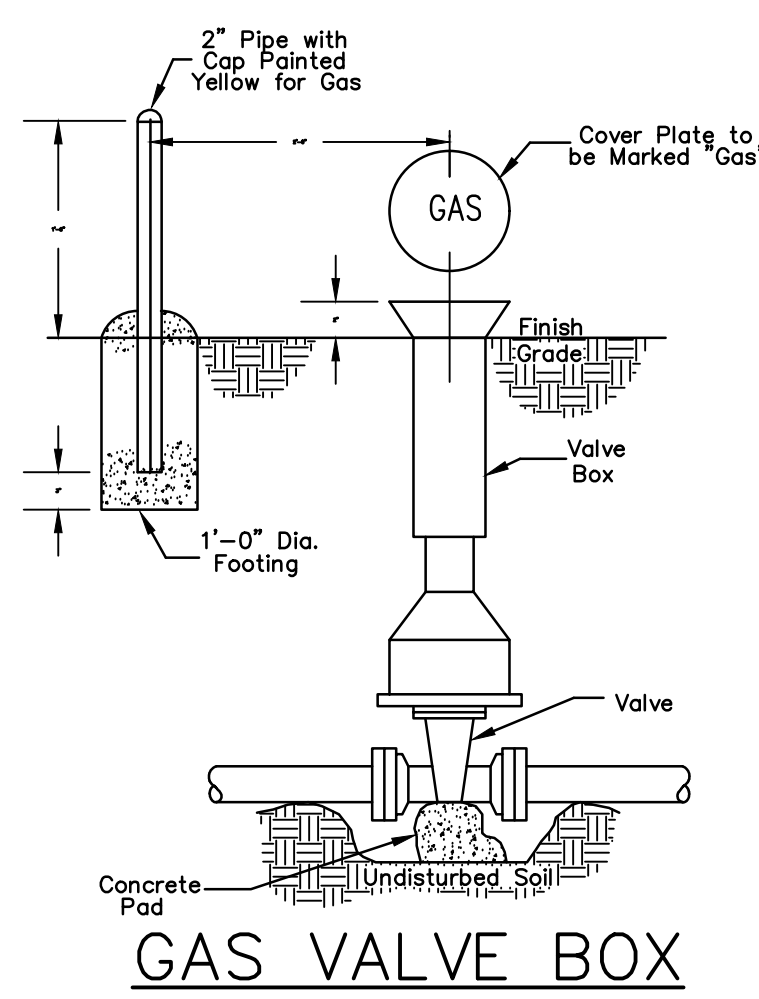
**NOTES:**

- All Concrete shall be Class 'A' Concrete, 4000PSI, 5% Air Entrained.
- Manhole Barrel joints to be Sealed with 1" Dia. Flexible Butyl Rubber Joint Sealant, use 1/2" Dia. for Frame and Cover.
- Frame and Cover to be Anchored with 2 - 3/4" Dia. S.S. Anchor Bolts Set 6 - Inches into Concrete.
- Lifting Holes to be Pointed with Non-Shrink Grout, and Left Watertight, Neat and Smooth.
- Minimum Adjustment to Finished Grade using Precast Grade Rings shall not Exceed Nine Inches (9").
- Precast Sections shall Conform to ASTM C-478 as Revised.
- Manhole invert shall be Concrete to the Spring Line of Pipe with Sides Sloping 1/2" to 1'-0" to Inside Face of Precast Base Section.
- If this Dimension is 3'-3" use Precast Slab Top Designed to Meet Load Conditions.

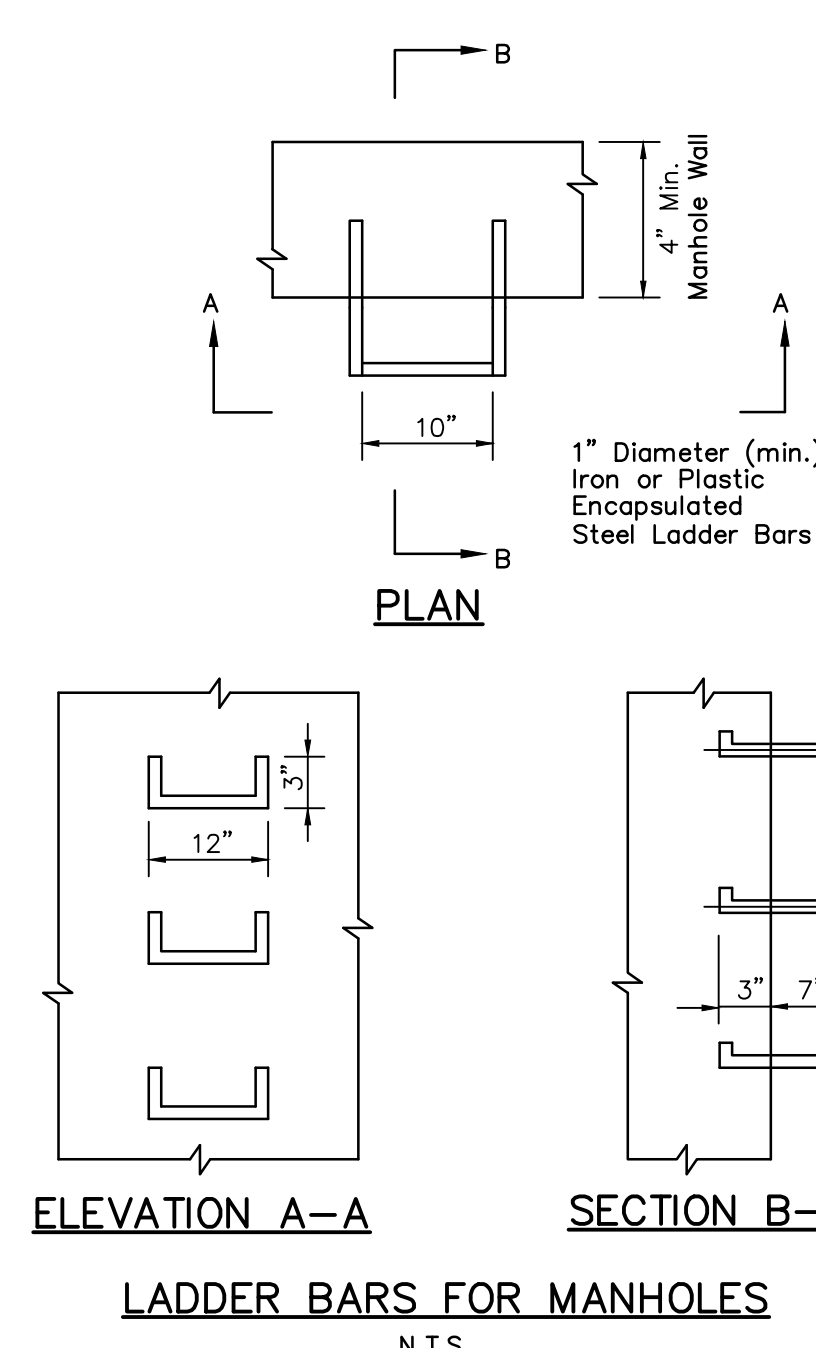
**GUIDE TO THRUST BLOCKING REQUIREMENTS**



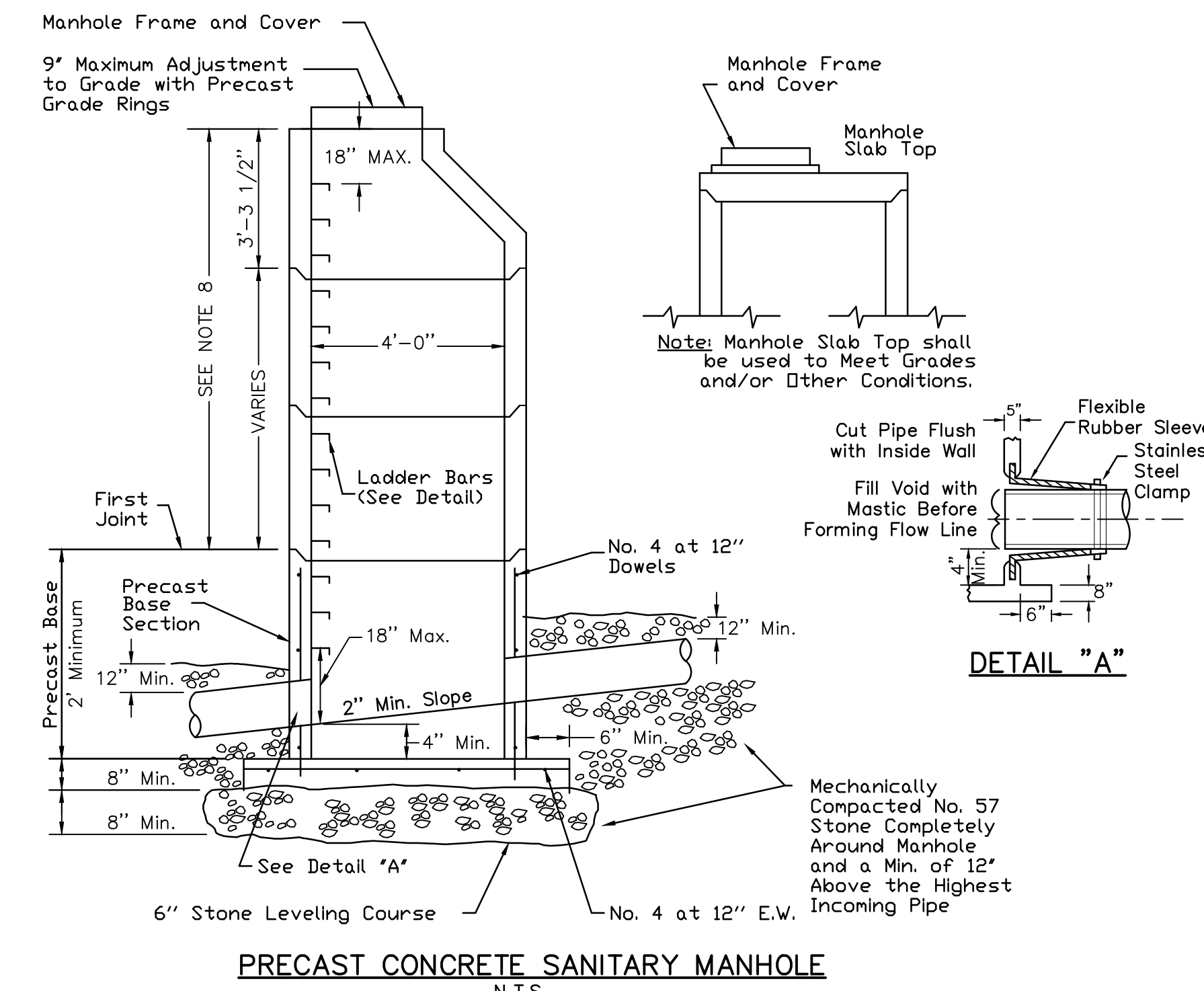
**UTILITY TRENCH (ELEC./TELE./GAS)**  
 N.T.S.



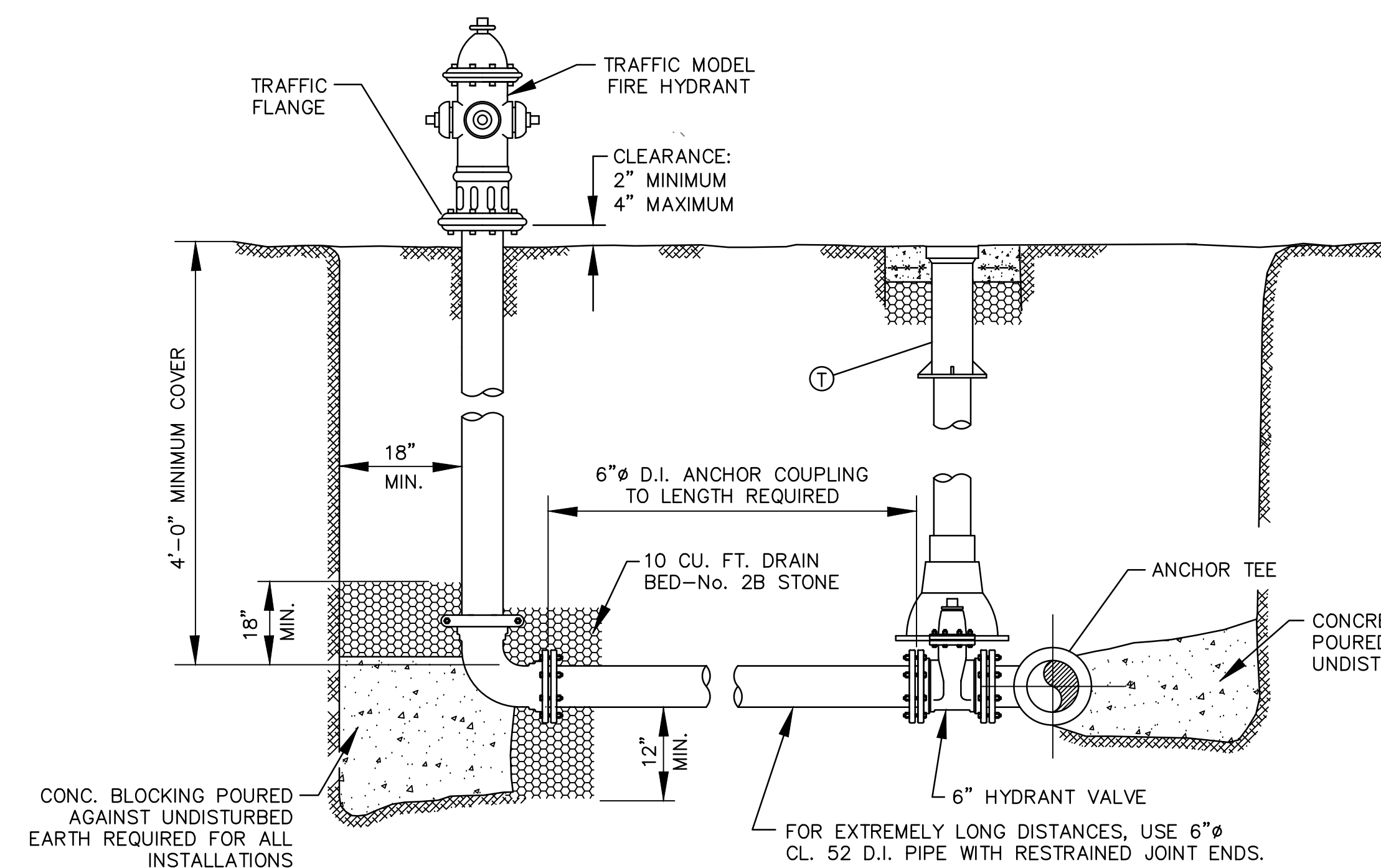
**GAS VALVE BOX**  
 N.T.S.



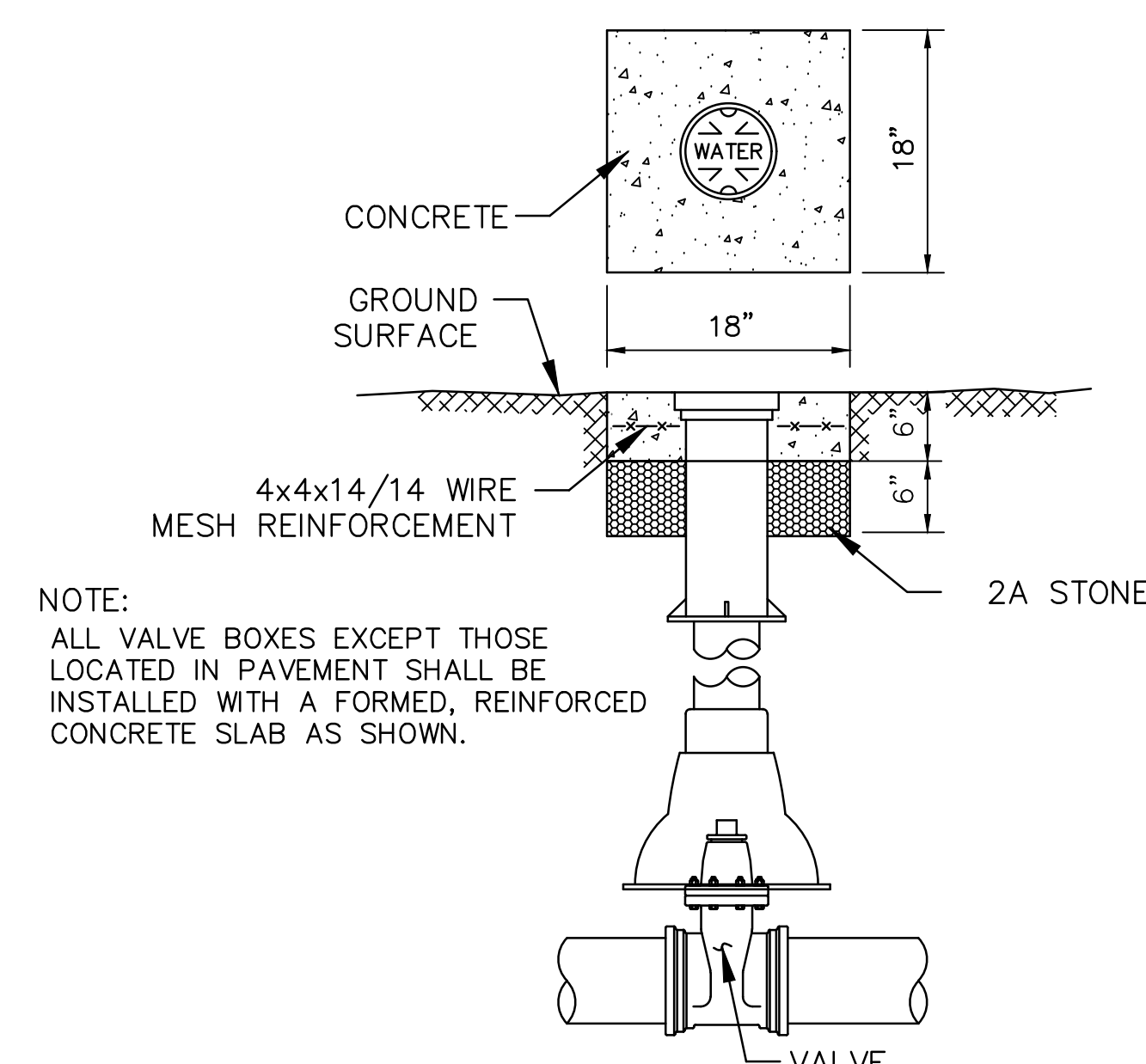
**LADDER BARS FOR MANHOLES**  
 N.T.S.



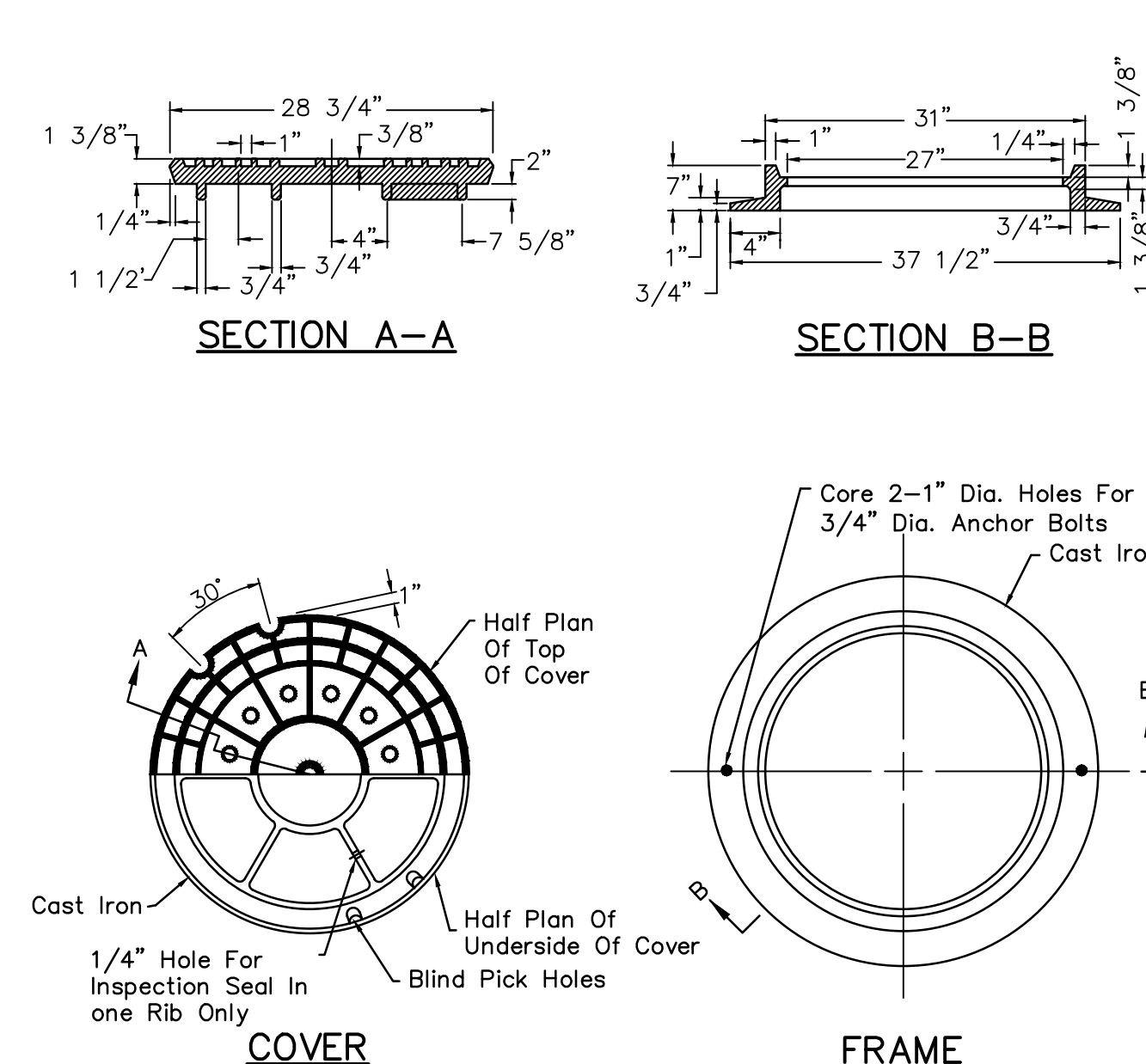
**PRECAST CONCRETE SANITARY MANHOLE**  
 N.T.S.



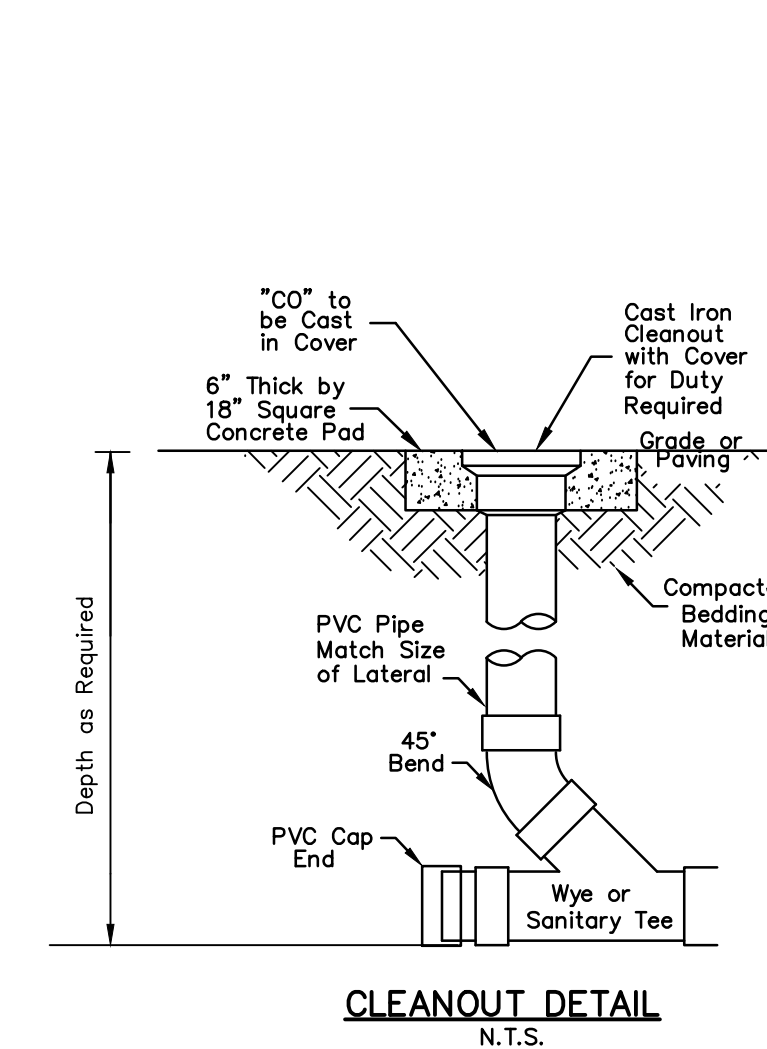
**TYPICAL FIRE HYDRANT INSTALLATION**  
 N.T.S.



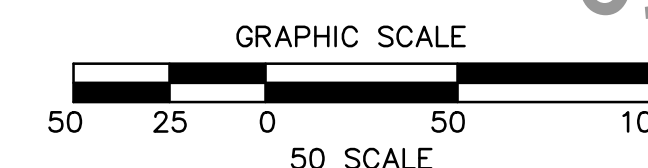
**VALVE BOX INSTALLATION**  
 N.T.S.



**MANHOLE COVER DETAIL**  
 N.T.S.

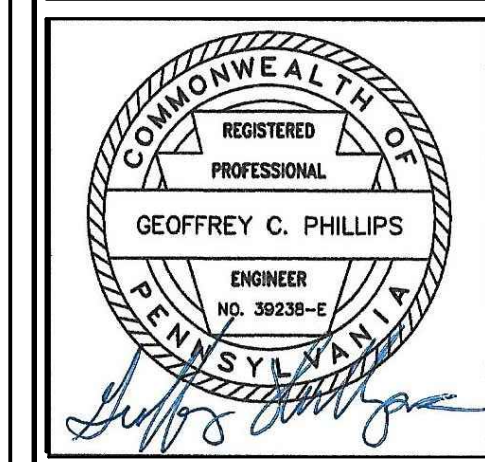


**CLEANOUT DETAIL**  
 N.T.S.



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 3 WORKING DAYS NOTICE FOR  
 CONSTRUCTION PHASE AND TO WORKING  
 DAYS NOTICE IN DESIGN STAGE.  
 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776

NO.	REVISION DESCRIPTION
1	
2	
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8	



**SITE UTILITY DETAILS**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT

**PHILLIPS & ASSOCIATES, INC.**  
 ENGINEERING & PLANNING  
 1122 MOSSIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4040  
 FAX (412) 825-4042

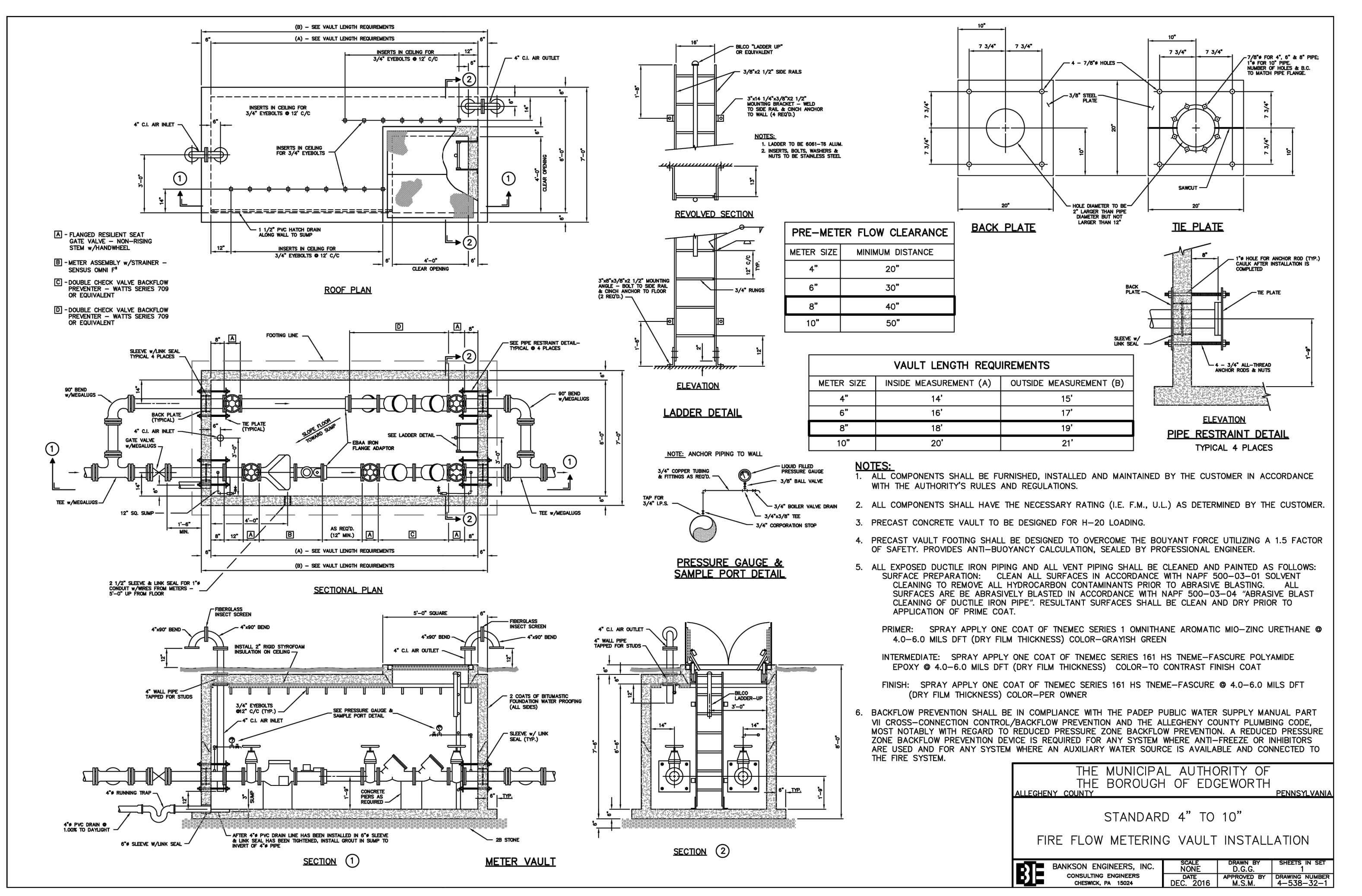
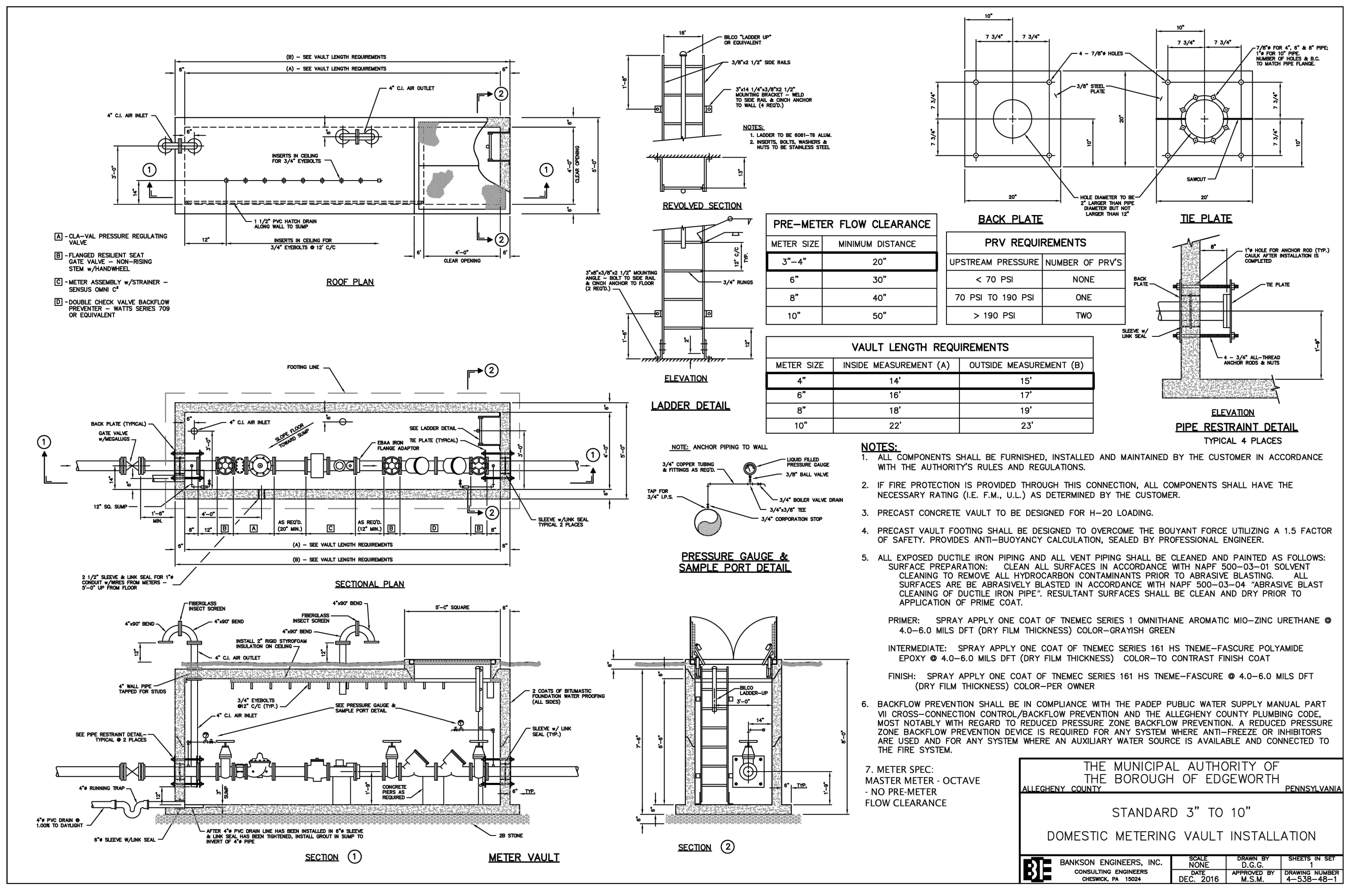
DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_

SCALE: N.T.S. DATE: 11/01/23

JOB NUMBER: 22-023

SHEET NUMBER: **SUB300**

SUBMITTAL SET - 11.15.2023



### OCTAVE® ULTRASONIC METER

**Performance Data & Dimensions**

Octave Operating Characteristics and Dimensions	3" (76.2 mm)	4" (101.6 mm)	6" (152.4 mm)	8" (203.2 mm)
<b>Safe Maximum Operating Capacity</b>	250 GPM (946.35 LPM)	250 GPM (946.35 LPM)	250 GPM (946.35 LPM)	250 GPM (946.35 LPM)
<b>Normal Operating Range (18.5% - 101.5% Accuracy)*</b>	0.50 - 200 GPM (1.89 - 757.08 LPM)	0.50 - 200 GPM (1.89 - 757.08 LPM)	0.50 - 200 GPM (1.89 - 757.08 LPM)	0.50 - 200 GPM (1.89 - 757.08 LPM)
<b>Extended Low Flow (50% - 100% Accuracy)</b>	0.25 GPM (0.946 LPM)	0.25 GPM (0.946 LPM)	0.25 GPM (0.946 LPM)	0.25 GPM (0.946 LPM)
<b>Length</b>	13.1" (332.7 mm)	13.1" (332.7 mm)	13.1" (332.7 mm)	13.1" (332.7 mm)
<b>Width</b>	5.34" (136.7 mm)	5.34" (136.7 mm)	5.34" (136.7 mm)	5.34" (136.7 mm)
<b>Height</b>	14.5" (368.3 mm)	14.5" (368.3 mm)	14.5" (368.3 mm)	14.5" (368.3 mm)
<b>Height from Center Pipe</b>	5.18" (131.6 mm)	5.18" (131.6 mm)	5.18" (131.6 mm)	5.18" (131.6 mm)
<b>Weight</b>	23.6 lb (10.7 kg)	23.6 lb (10.7 kg)	23.6 lb (10.7 kg)	23.6 lb (10.7 kg)

**Features & Benefits:**

- Grade 316 Stainless Steel (2"-8") or Epoxy Coated Ductile Iron (10"-12") body design provides full compliance with ANSI/NSF 372 (AB1953 or NSF61G).
- No moving parts. Minimal flow intrusion. Enduring accuracy.
- Easy to install. Floating Flanges on 2"-8" and Integrated Flanges on 10"-12".
- No required strainer.
- Wide beam ultrasonic measurement sensors for high accuracy and reliable operation.
- Industry standard communication protocol for integration with most third-party AMR/AMI systems.
- Active leak, burst, reverse flow, empty pipe, measurement failure, and low battery. LCD also displays rate of flow and water temperature.
- Ruggedized NEMA 6P/IP-68+ construction; fully submersible design.
- Designed to meet standards for both North American and International C&I water meters.
- Optional flow measurements; Forward Only, Net Volume or Alternating Display (Forward and Reverse Consumption displayed separately).

**Technical Specifications:**

Working Pressure - 175 PSI  
 Liquid Temperature - 33° - 122°F  
 Meteorological Characteristics - Meets ANSI/AWWA Standards C715-18, C750-19, ISO 4064 rev. 2014  
 Configuration - Compact-Display built into unit  
 Power Source - 2 x D Size Lithium Thionyl Chloride batteries - 10 year warranted life time  
 Environmental Protection - NEMA 6P/IP68+, Ambient operation temp. -13°F / +131°F for the display  
 Display Units - Multi line 12 digit LCD Programmable USG, Cubic Feet, Cubic Meters, Acre Feet for volume and GPM, L/s, or M³/h for rate of flow  
 Output - Programmable Encoder, Pulse, 4-20, or Modbus; Optional dual output available in encoder + pulse

Master Meter // 101 Regency Parkway // Mansfield, TX 76063 // www.mastermeter.com

### OCTAVE® ULTRASONIC METER - HIGH FLOW METER

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<b>Normal Operating Range (18.5% - 101.5% Accuracy)*</b>	18 - 1,000 GPM (68.04 - 3,785.41 LPM)	30 - 2,000 GPM (113.37 - 7,570.82 LPM)	40 - 4,500 GPM (152.38 - 16,987.03 LPM)
<b>Extended Low Flow (50% - 100% Accuracy)</b>	4-5 GPM (15.14 - 18.93 LPM)	11 GPM (41.48 - 41.48 LPM)	18 GPM (68.04 - 68.04 LPM)
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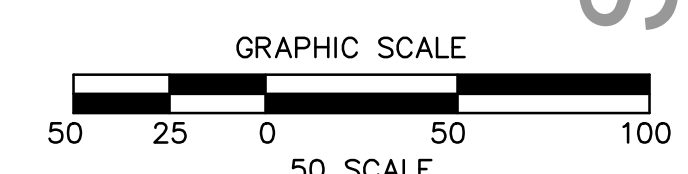
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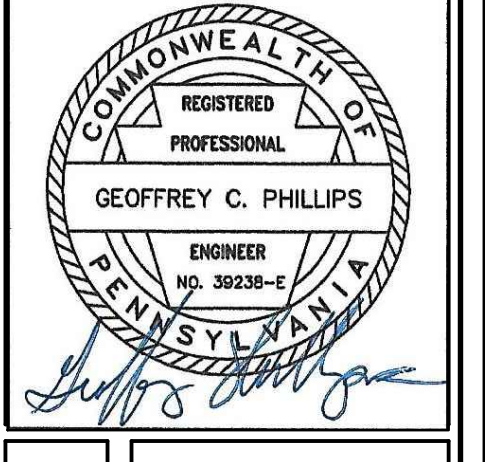
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SUBMITTAL SET - 11.15.2023

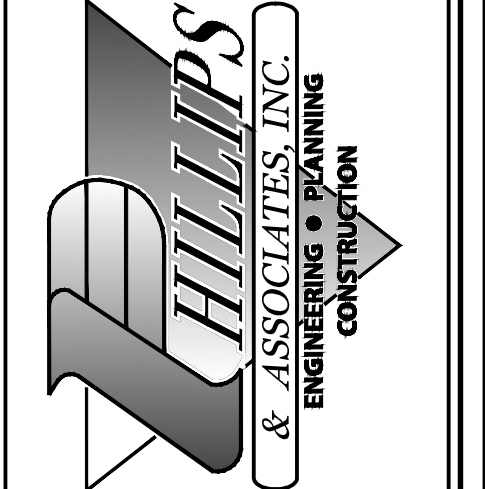


NO.	REVISION DESCRIPTION
1	
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8	



SITE UTILITY DETAILS  
**NEW QUAKER VALLEY HIGH SCHOOL**  
 210 Camp Meeting Road  
 Sewickley, Allegheny County, Pennsylvania  
 QUAKER VALLEY SCHOOL DISTRICT

1122 MOSSIDE BOULEVARD  
 WALL, PENNSYLVANIA 15146  
 PHONE (412) 825-4040  
 FAX (412) 825-4042



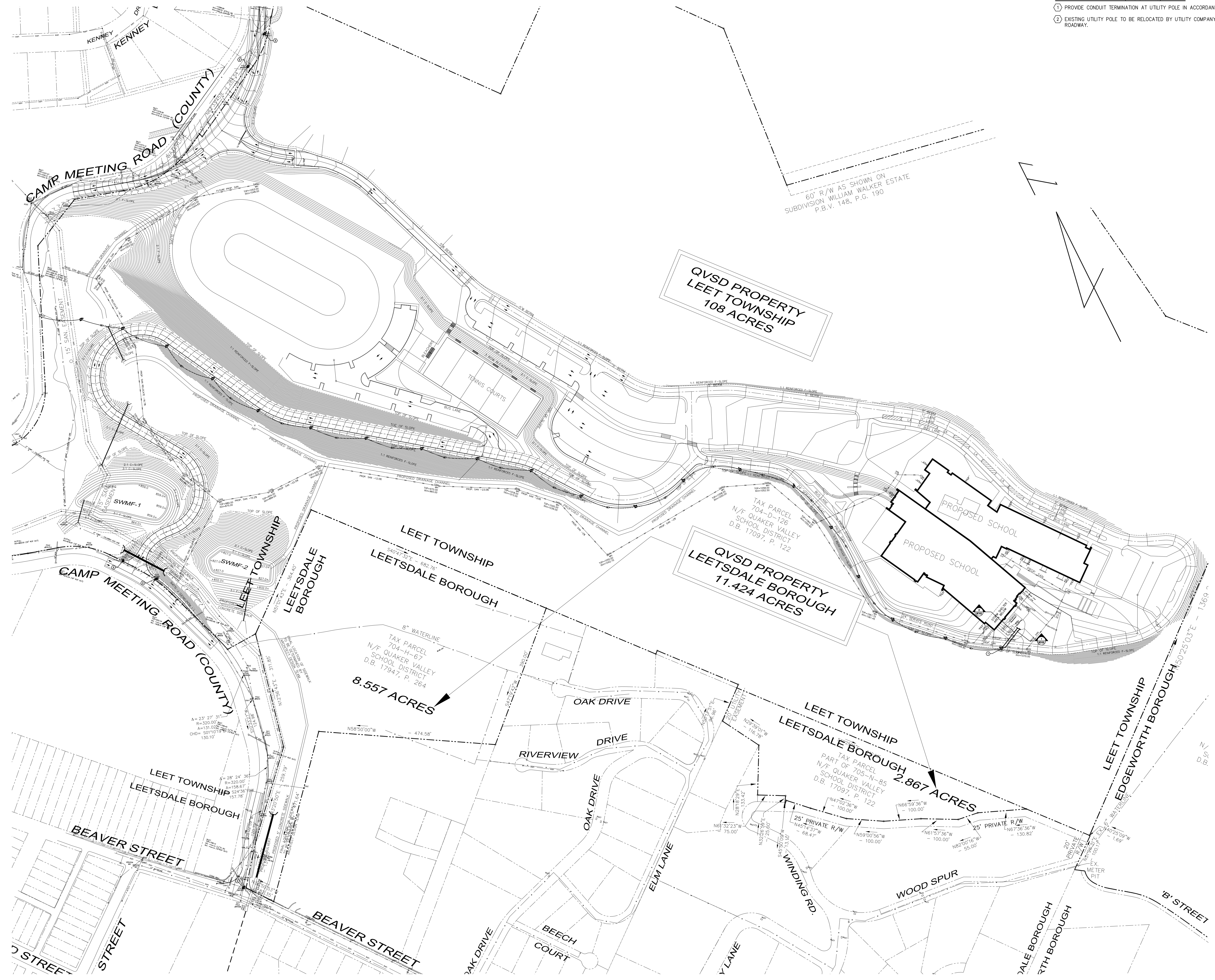
DRAWN BY:	CHECKED BY:
SCALE:	DATE:
N.T.S.	11/20/23
JOB NUMBER:	22-023
SHEET NUMBER:	SU301

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 3 WORKING DAYS NOTICE FOR  
 CONSTRUCTION PHASE AND 10 WORKING  
 DAYS NOTICE IN DESIGN STAGE.  
 STOP CALL  
 PENNSYLVANIA ONE CALL SYSTEM, INC.  
 1-800-242-1776

**CODED NOTES:** (THIS DRAWING)  
 ① PROVIDE CONDUIT TERMINATION AT UTILITY POLE IN ACCORDANCE WITH DETAIL 3/SE102.  
 ② EXISTING UTILITY POLE TO BE RELOCATED BY UTILITY COMPANY AS REQUIRED TO ACCOMMODATE NEW ROADWAY.

**QUAKER VALLEY HIGH SCHOOL SITE PREP**

QUAKER VALLEY SCHOOL DISTRICT  
 100 LEETSDALE INDUSTRIAL DRIVE,  
 SUITE B  
 LEETSDALE, PA 15056



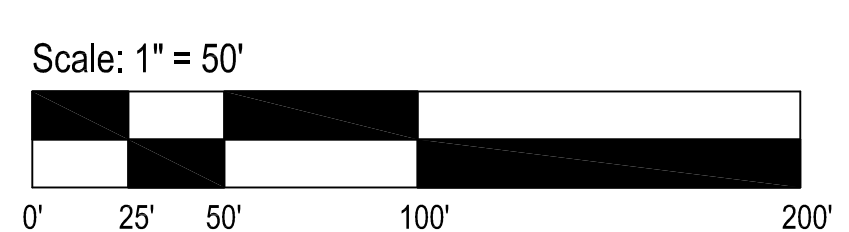
QVSD PROPERTY  
 LEET TOWNSHIP  
 108 ACRES

QVSD PROPERTY  
 LEETSDALE BOROUGH  
 11.424 ACRES

8.557 ACRES  
 TAX PARCEL  
 704-H-67  
 N/F QUAKER VALLEY  
 SCHOOL DISTRICT  
 D.B. 17947, P. 264

LEET TOWNSHIP  
 LEETSDALE BOROUGH  
 2.867 ACRES  
 TAX PARCEL  
 PART OF 705-N-85  
 N/F QUAKER VALLEY  
 SCHOOL DISTRICT  
 D.B. 17097, P. 122

1 SITE PLAN  
 1" = 50'-0"



REVISIONS

KEY PLAN

SCALE: AS NOTED  
 DRAWN BY: JVM  
 CHECKED BY: TSB

DATE: 10/21/2023

**ELECTRICAL SITE PLAN**

**SE101**

DRAWING NUMBER

# ELECTRICAL SYMBOL LEGEND

## GENERAL DRAWING SYMBOLS

	DETAIL INDICATOR "N" DENOTES SEQUENTIAL ALPHANUMERIC DESIGNATION "DWG" DENOTES NUMBER WHERE DETAIL IS DRAWN
	SECTION INDICATOR "N" DENOTES SEQUENTIAL ALPHANUMERIC DESIGNATION "DWG" DENOTES NUMBER WHERE SECTION IS DRAWN
	REVISION INDICATOR "N" DENOTES REVISION LEVEL
	CODED NOTE "N" DENOTES SEQUENTIAL ALPHANUMERIC DESIGNATION

## SITE UTILITIES

	MAN-HOLE
	HAND-HOLE
	UTILITY POLE NOMENCLATURE: - "N" DENOTES NEW POLE PROVIDED BY UTILITY COMPANY - "X" DENOTES EXISTING POLE - "DET" DENOTES OVERHEAD ELECTRIC AND TELECOMMUNICATIONS SERVICE CABLES PROVIDED BY UTILITY COMPANY
	UNDERGROUND DUCT BANK - SEE DRAWING SECTION AS INDICATED BY TAG NOMENCLATURE: - "UE" DENOTES UNDERGROUND ELECTRIC - "UT" DENOTES UNDERGROUND TELECOMMUNICATIONS

## GENERAL ABBREVIATIONS

A	AMPERE	OC	ON CENTER
AC	ABOVE COUNTER	OCM	ORIGINAL EQUIPMENT MANUFACTURER
AFF	ABOVE FINISHED FLOOR	P	PHASE
AWG	AMERICAN WIRE GAUGE	PB	PUSH BUTTON
C	CONDUIT	PH	PHASE
CB	CIRCUIT BREAKER	PHL	PANELBOARD
CD	CIRCUIT BREAKER	POS	POSITION
CONN	CONNECTION	PR	PRIMARY
CU	COPPER	PWR	POWER
DISC	DISCONNECT	REC	RECESSED
DWG	DRAWING	RECP	RECEPTACLE
E	EMERGENCY OR EMERGENCY SYSTEM	REQ	REQUIRED
EMT	ELECTRIC METALLIC TUBING	RMC	RIGID GALVANIZED METAL CONDUIT
EQUIP	EQUIPMENT	SCH	SCHEDULE
EWC	ELECTRIC WATER COOLER	SEC	SECONDARY
EX	EXISTING	SM	SURFACE MOUNTED
FA	FIRE ALARM	SW	SWITCH
FBO	FURNISHED BY OTHERS WITH ALL RELATED ELECTRICAL WORK BY ELECTRICAL CONTRACTOR	SMBD	SWITCHBOARD
FDR	FEDDER	TELE	TELEPHONE
FN	FUME HOOD	TL	TWIST LOCK
FT	FEET	TP	TAMPER PROOF
GND	GROUND OR GROUNDED	TV	TELEVISION
GRO	GROUND OR GROUNDED	TRP	TRIP
HP	HORSEPOWER	UC	UNDER COUNTER
IN	INCH	UNO	UNLESS NOTED OTHERWISE
JB	JUNCTION BOX	V	VOLT
KW	KILOWATT	W	WATT
LTC	LIGHTING	W/	WITH
MSF	MAIN SWITCH AND FUSE	W/O	WITHOUT
MSB	MAIN CIRCUIT BREAKER	WP	WEATHER PROOF ENCLOSURE
MFR	MANUFACTURER	X	EXISTING TO REMAIN
MH	MANHOLE	XA	EXISTING TO BE REMOVED COMPLETELY
MLO	MAIN LUG ONLY	XP	EXPOSURE PROOF
MTO	MOUNTED	XR	RELOCATED EXISTING EQUIPMENT
MTG	MOUNTING	XRN	EXISTING TO BE REMOVED AND REPLACED WITH NEW
NA	NOT APPLICABLE	DEVCE	DEVICE
NIC	NOT IN THIS CONTRACT	XRN	EXISTING TO BE REMOVED AND RELOCATED
NO	NUMBER	XRR	EXISTING TO BE REMOVED AND RELOCATED
NTS	NOT TO SCALE	Y	STAR OR WYE DISTRIBUTION SYSTEM

## UTILITY COMPANY ABBREVIATIONS

DLCO	DUQUESNE LIGHT COMPANY
------	------------------------

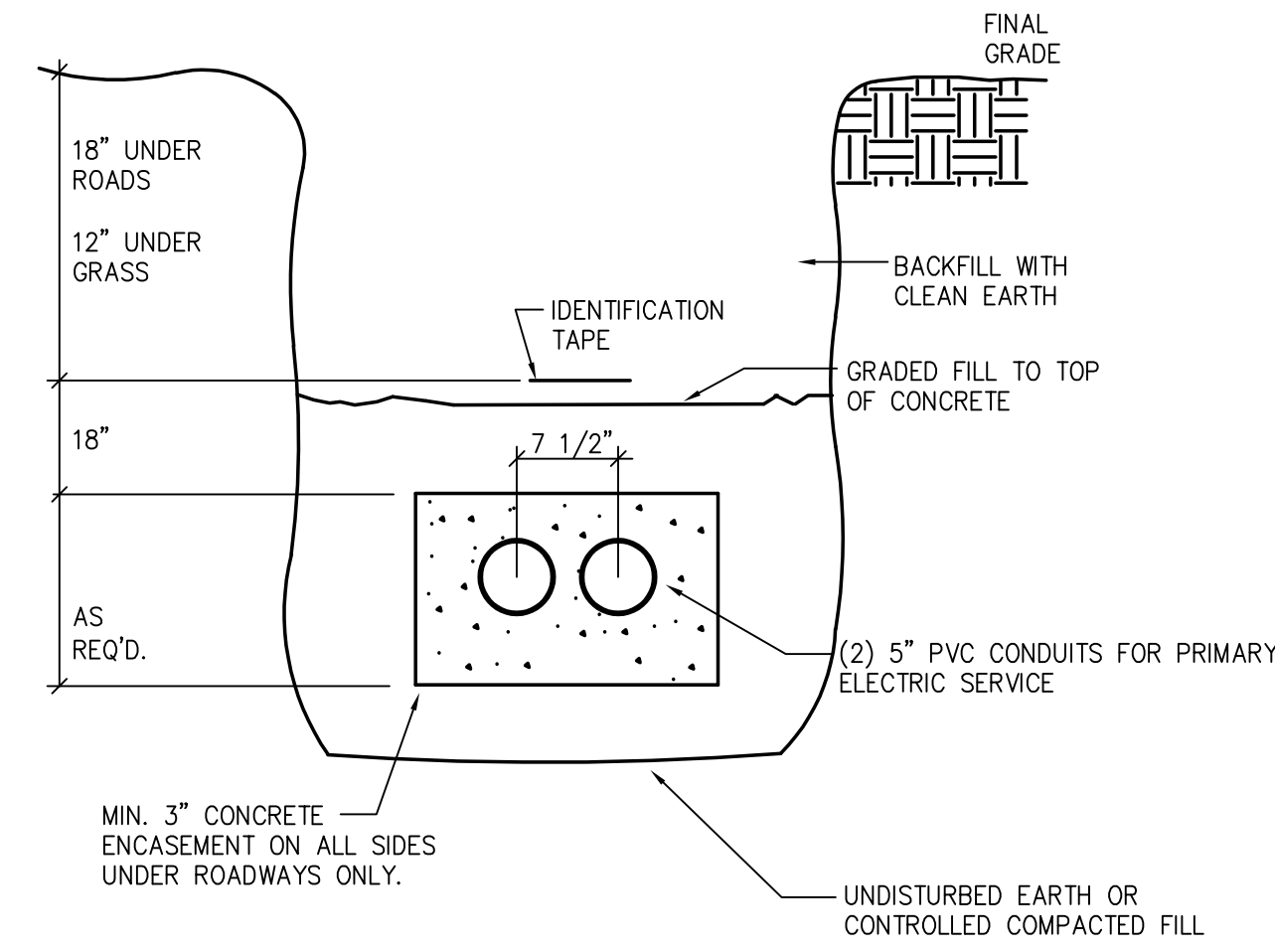
## CONTRACTOR ABBREVIATIONS

EC	ELECTRICAL CONTRACTOR
GC	GENERAL CONTRACTOR

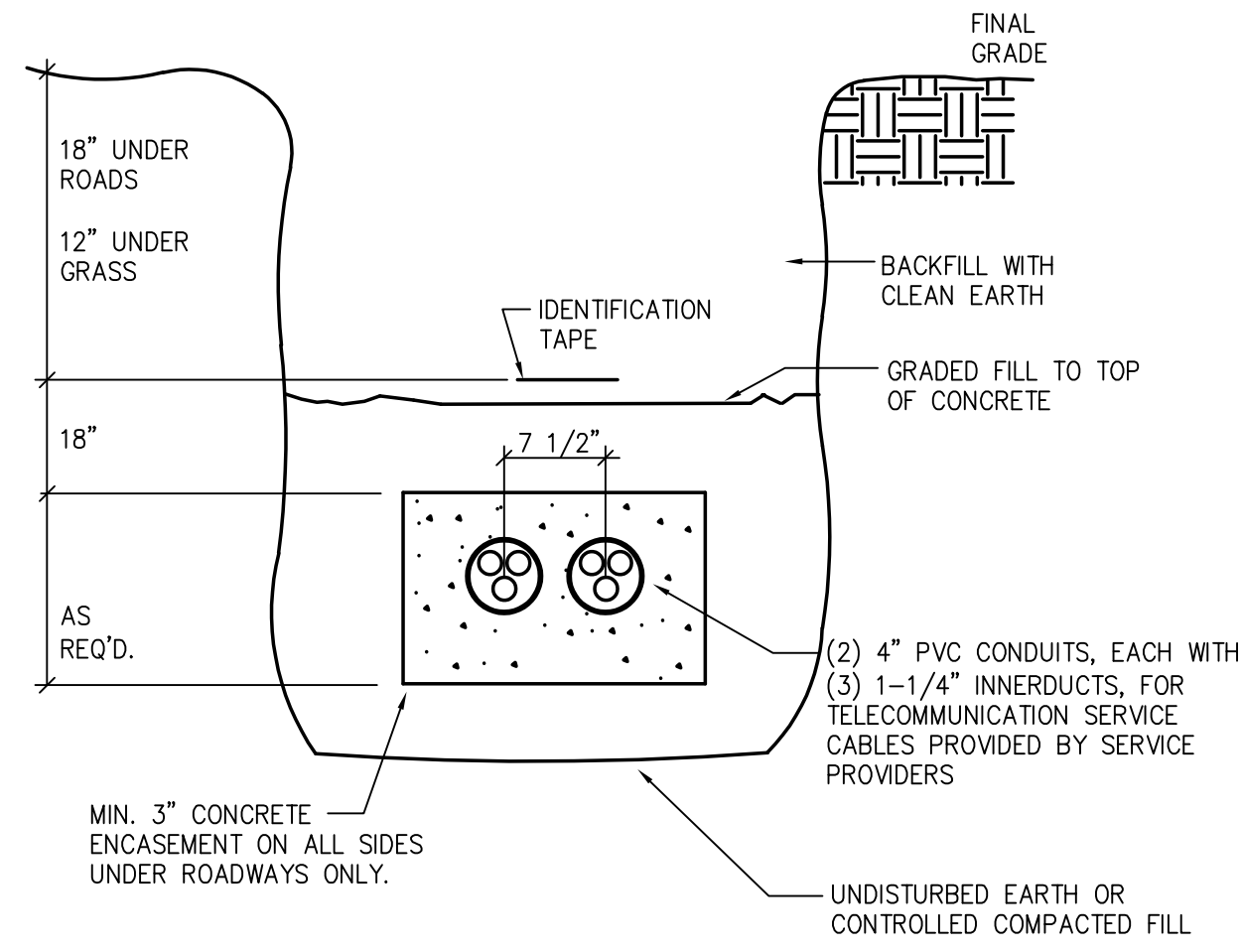
## UTILITY INFORMATION

LOCAL ELECTRIC COMPANY:  
DUQUESNE LIGHT COMPANY  
411 SEVENTH STREET, MD 6-1  
PITTSBURGH, PA 15219

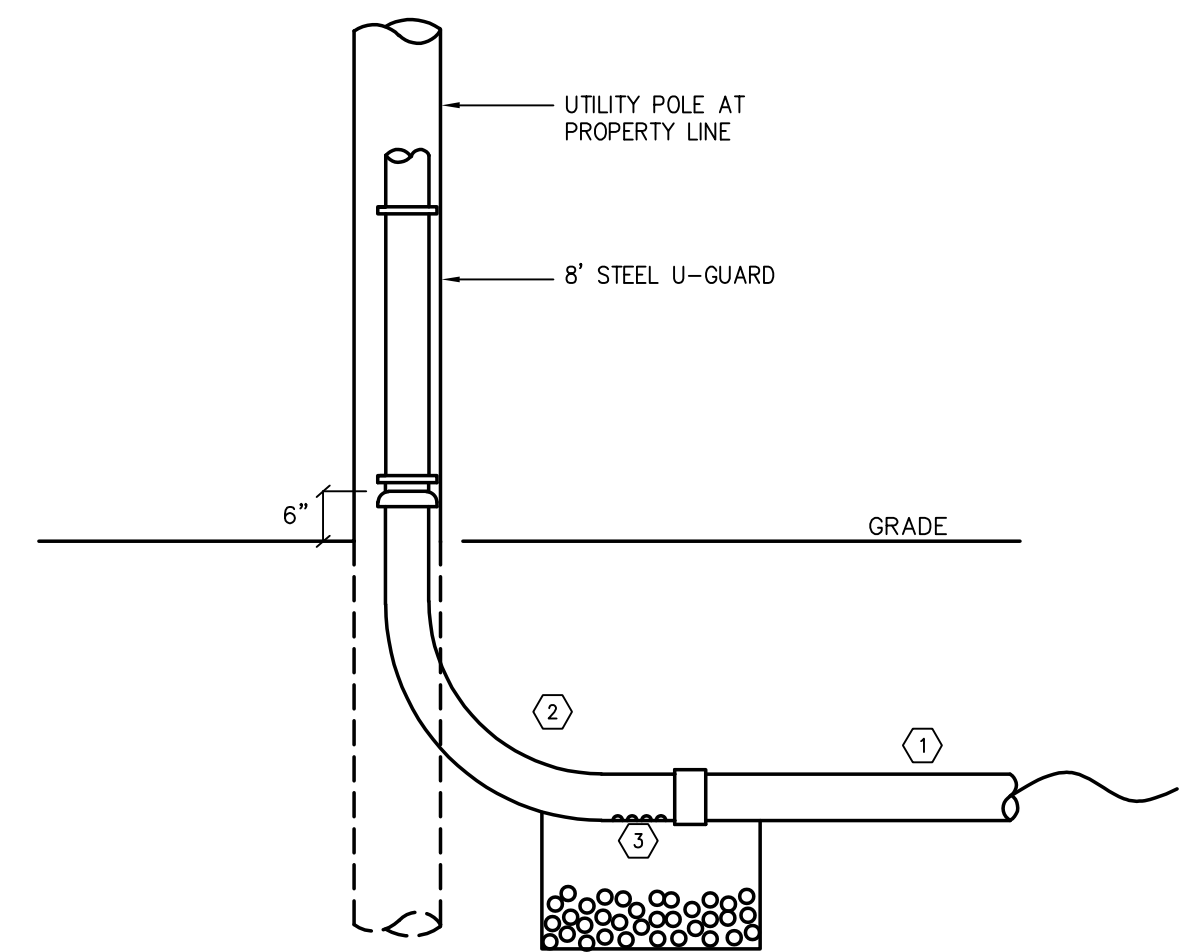
EARL ELDER  
(412) 393-7812  
(GENERAL INFO)



1 TRENCH DETAIL  
SE102 NOT TO SCALE



2 TRENCH DETAIL  
SE102 NOT TO SCALE



- CODED NOTES:
- 1 INSTALL PVC CONDUIT WITH NEMA SPECIFICATION TC-6 PER THE SPECIFICATIONS FOR PRIMARY CABLES.
  - 2 AT TRANSFORMER PAD LOCATION AND POLE INSTALL 36" RADIUS, 90°, GALVANIZED STEEL BEND(S) WITH A 40 MIL PLVC JACKET. EXTEND BEND(S) 6" INTO PAD OPENING OR 6" UP POLE.
  - 3 DRILL FOUR 1/2" DIA. HOLES ON 2" CENTERS AT THE LOW POINT OF EACH BEND AND REMOVE ALL INTERNAL BURRS. INSTALL AN 18" X 18" X 24"D FRENCH DRAIN.
  - 4 AT TRANSFORMER PAD LOCATION INSTALL A THREADED INSULATED GROUNDING BUSHING ON EACH BEND AND CONNECT TO THE GROUND BUS USING #4 SOFT DRAWN COPPER WIRE.
  - 5 INSTALL AN 18 GA. NYLON CORD HAVING A MINIMUM BREAKING STRENGTH OF 170 POUNDS IN EACH CONDUIT. CAP ALL CONDUIT.
  - 6 E.C. TO PROVIDE ALL TRENCHING, BACKFILLING AND SURFACE RESTORATION. NO BACKFILLING SHALL BEGIN UNTIL THE PRIMARY ELECTRICAL CONDUIT HAS BEEN INSPECTED AND APPROVED.

3 UTILITY POLE CONDUIT TERMINATION  
SE102 NOT TO SCALE

REVISIONS

KEY PLAN

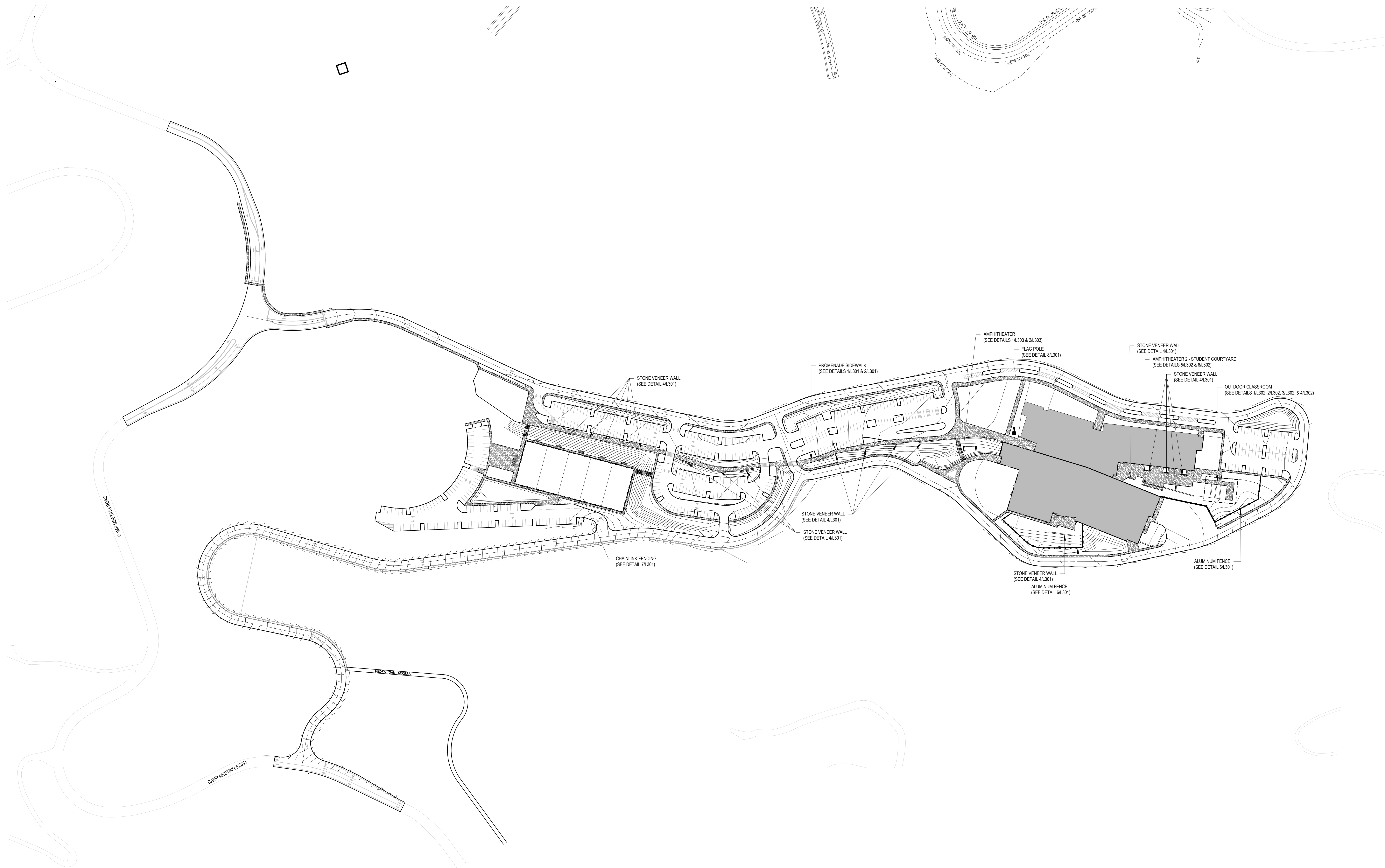
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CHECKED BY: TSB

DATE: 10/21/2023

**ELECTRICAL  
LEGEND AND  
SITE DETAILS**

**SE102**

DRAWING NUMBER



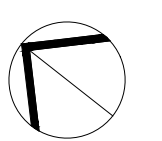
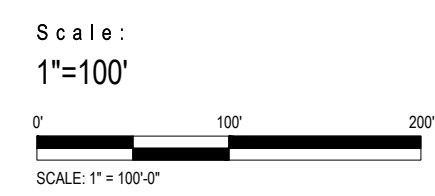
**QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056**

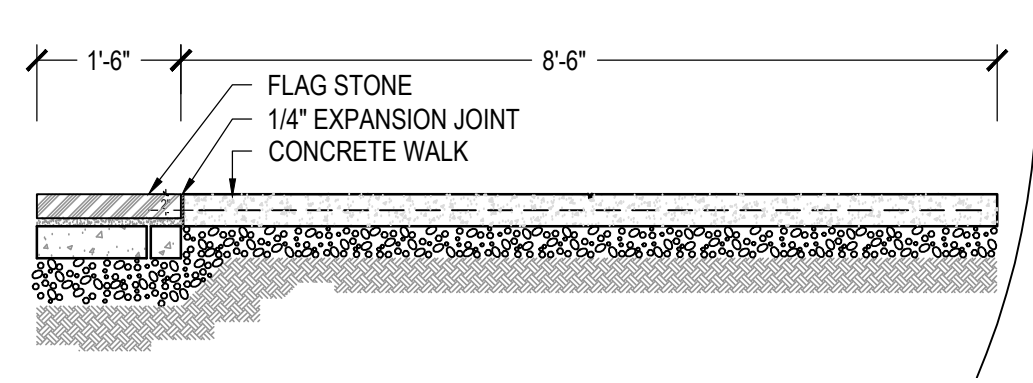


Commission	21017
Drawn	Checked
ML	JH
Sheet Title	Site Plan

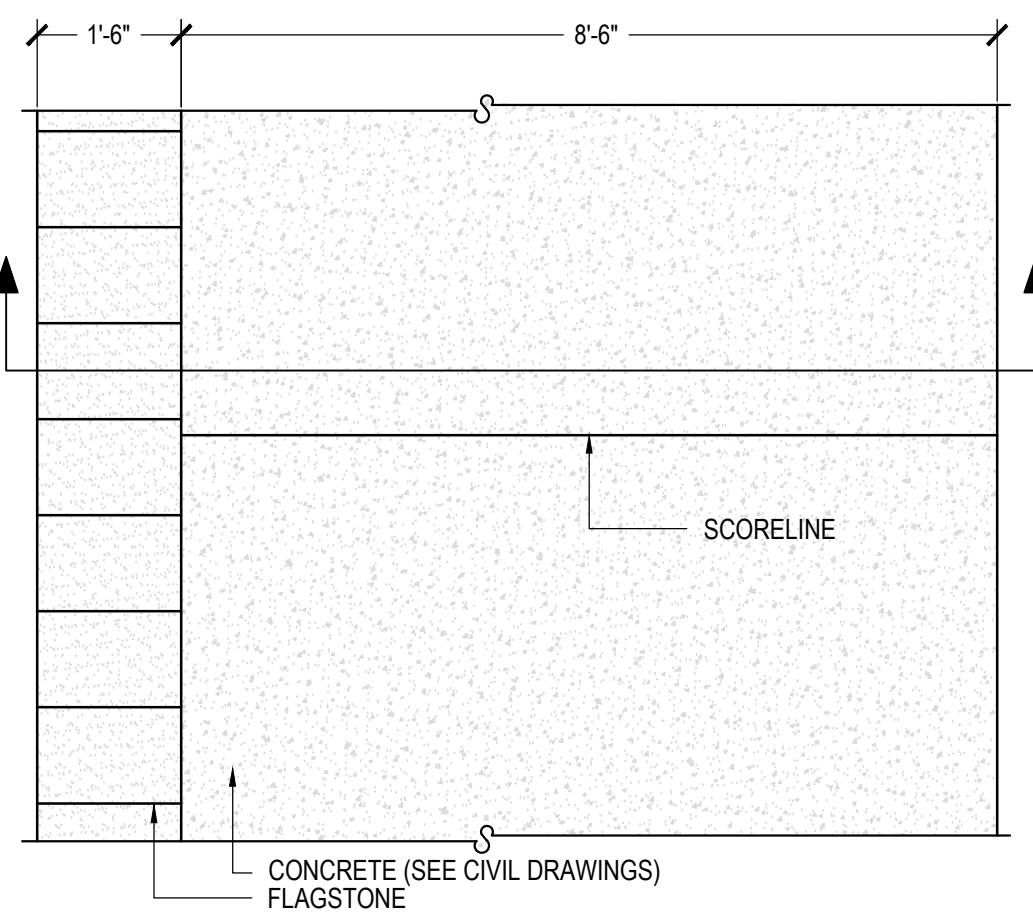
Revisions	Description	Revision Date
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Scale Number  
Date  
NOVEMBER 1, 2023

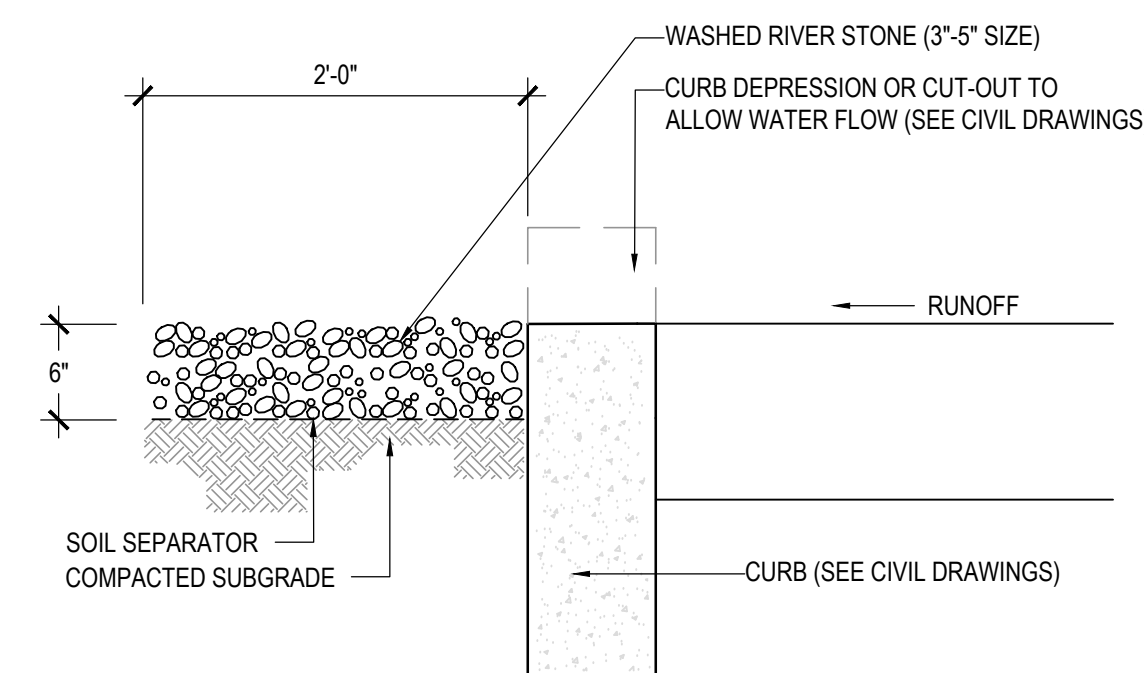




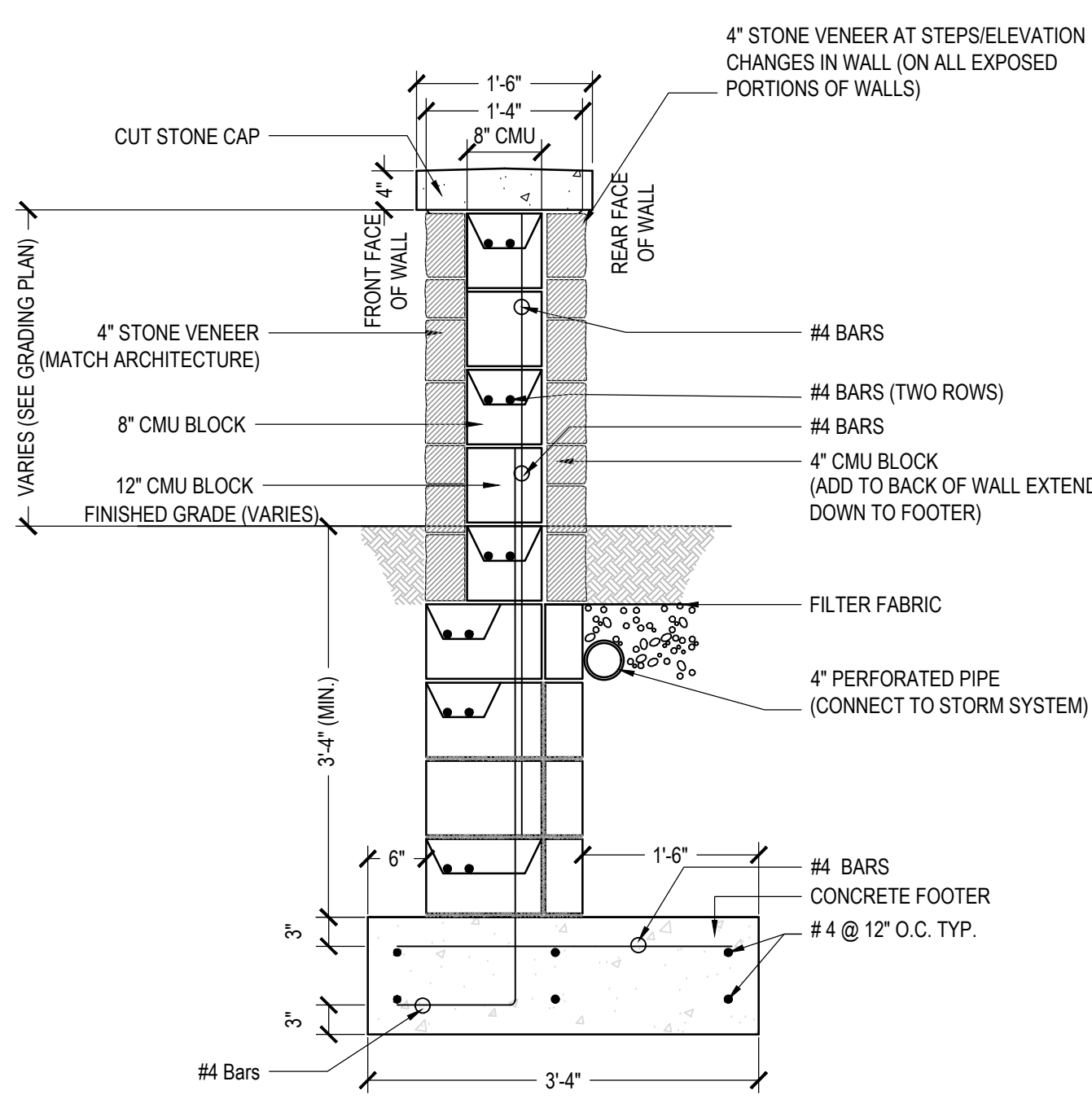
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**L301** PROMENADE SIDEWALK  
SCALE: 1/2"=1'-0"



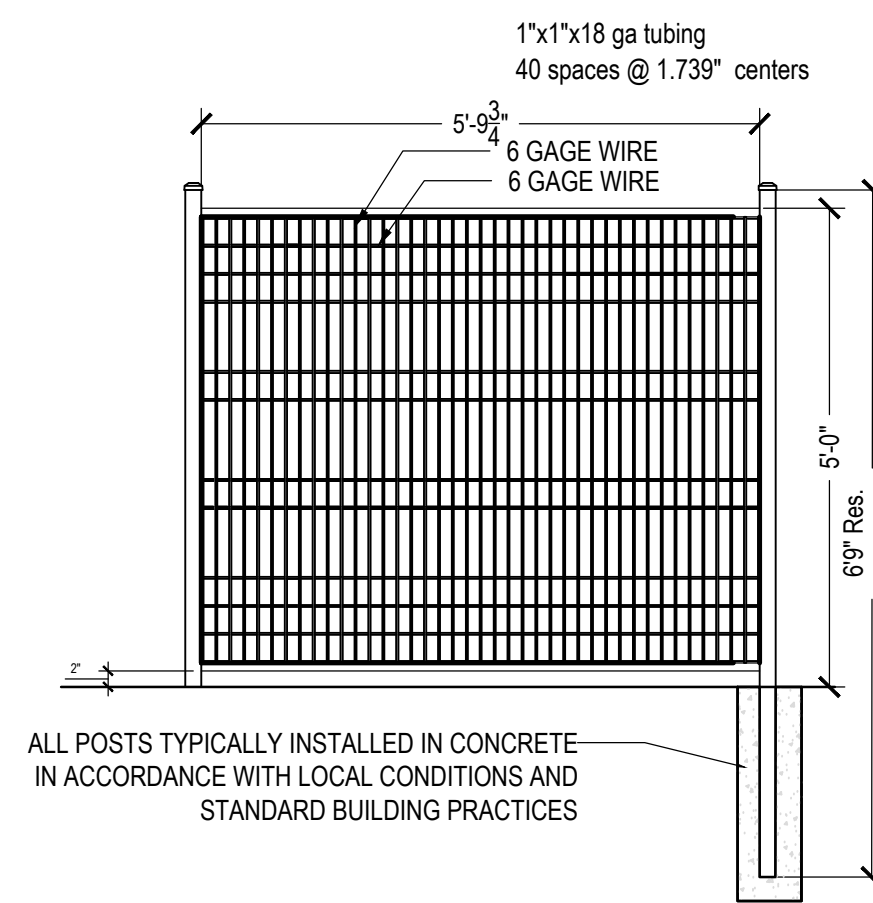
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**L301** PROMENADE SIDEWALK PLAN  
SCALE: 1"=1'-0"



**3**  
**L301** GRAVEL STRIP - BIORETENTION AREAS  
SCALE: 1/2"=1'-0"

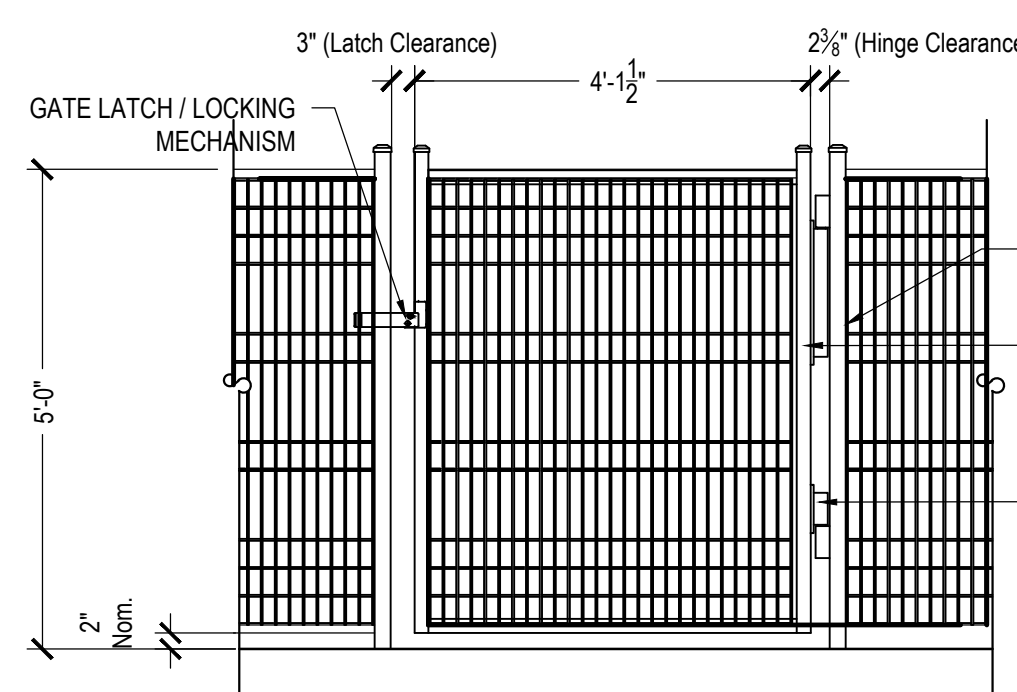


**4**  
**L301** STONE VENEER WALL  
SCALE: 1/2"=1'-0"

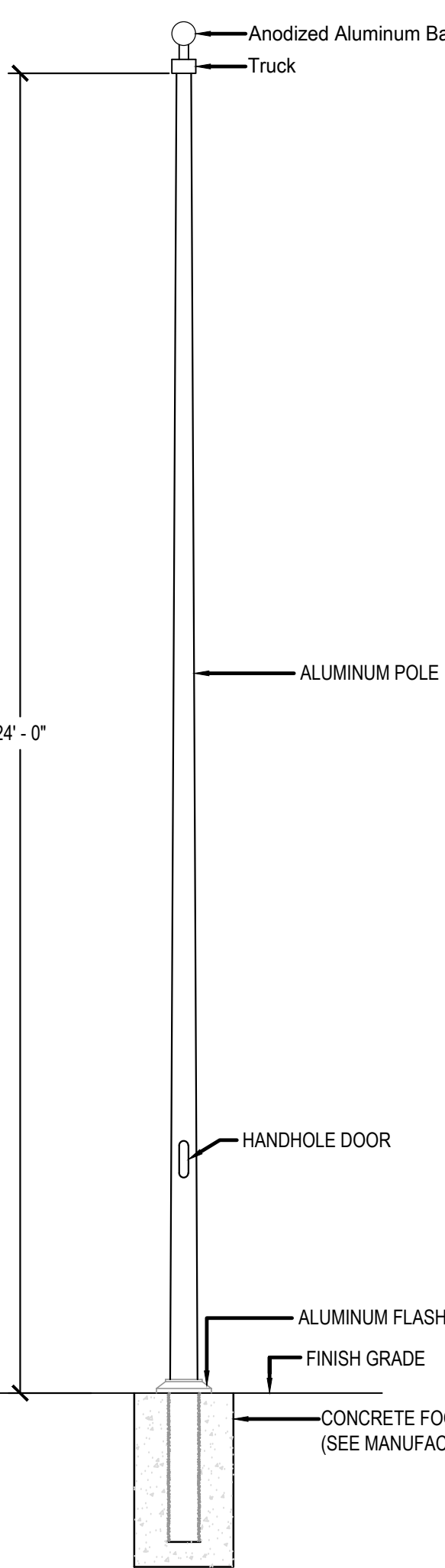


ALL POSTS TYPICALLY INSTALLED IN CONCRETE IN ACCORDANCE WITH LOCAL CONDITIONS AND STANDARD BUILDING PRACTICES

**6**  
**L301** ALUMINUM FENCING  
SCALE: 1"=1'-0"

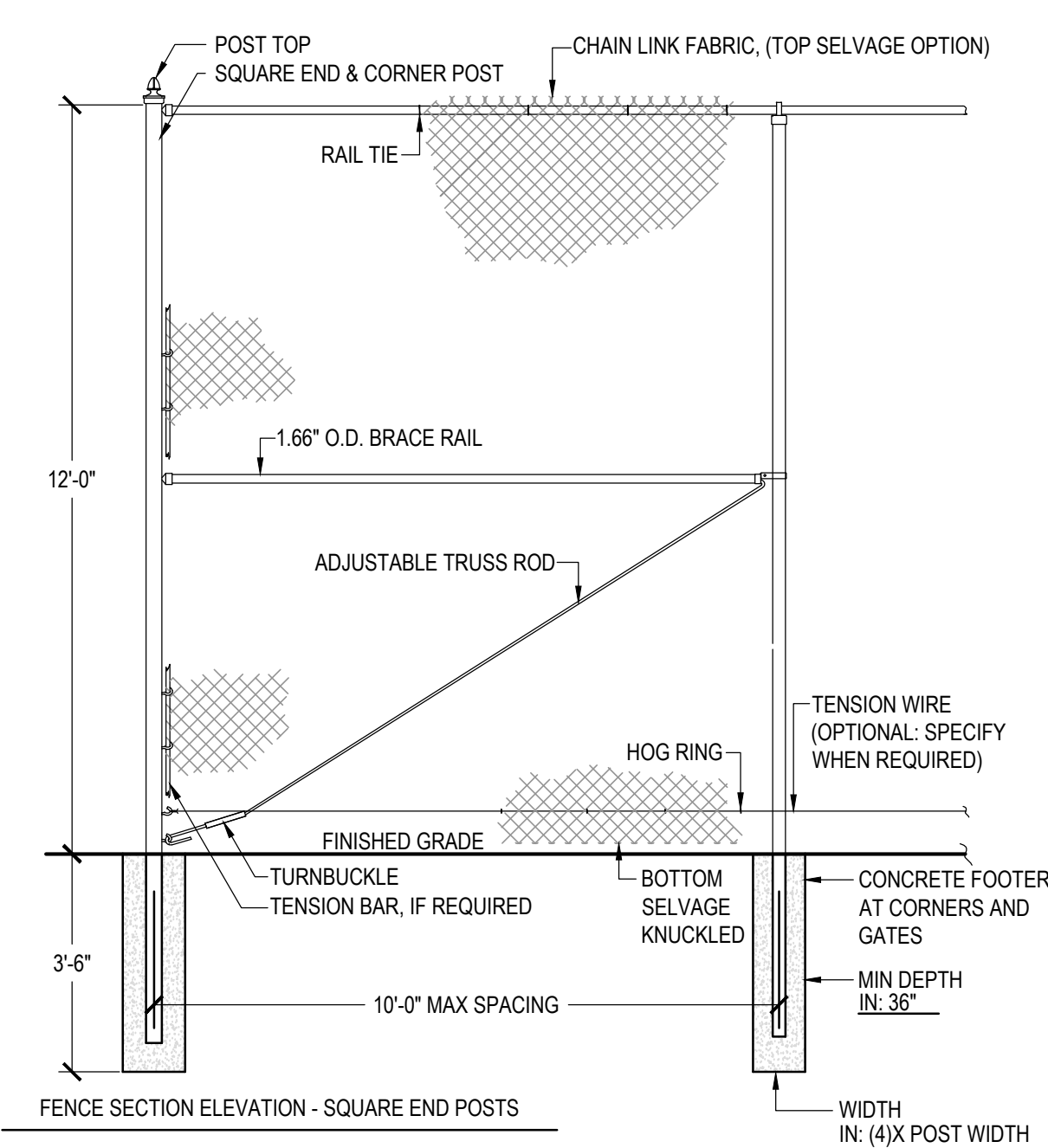


GATE - SEE PLAN FOR LOCATIONS



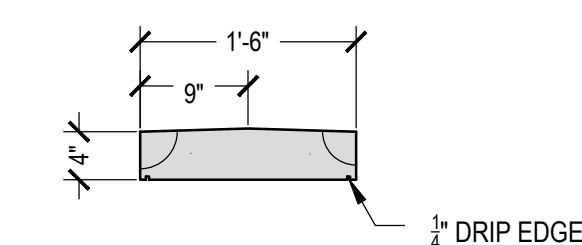
**8**  
**L301** FLAG POLE  
SCALE: 1/2"=1'-0"

**SPECIFICATION**  
QUANTITY: 1 - 27' HT POLE - MODEL# ECXV25  
POLE: 3" ALUMINUM, INTERNAL HALYARD FINISH TO BE CLEAR ANODIZED.  
BALL: INCLUDED IN PACKAGE FINISH TO BE GOLD ANODIZED.  
FLASH COLLAR: INCLUDED IN PACKAGE FINISH TO BE CLEAR ANODIZED.  
FOOTER: SEE MANUFACTURER'S SPECIFICATIONS FOR REQUIREMENTS.  
MANUFACTURER: EDER FLAG MANUFACTURING COMPANY 1000 WEST RAWSON AVENUE OAK CREEK, WISCONSIN 53154-1487 1-800-558-6044  
DETAILS: .125 WALL THICKNESS PACKAGE INCLUDES: SWIVEL SNAPS, RETAINING RING, COUNTER WEIGHT, GOLD BALL



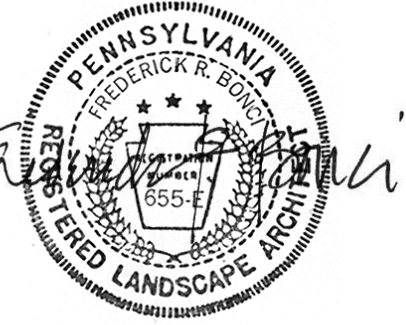
**7**  
**L301** CHAINLINK FENCING  
SCALE: 3/8"=1'-0"

MASTER-HALCO, INC.  
6500 EASTERN AVENUE  
BALTIMORE, MARYLAND 21224  
TEL: 800.229.5615



**5**  
**L301** CUT STONE CAP  
SCALE: 3/4"=1'-0"

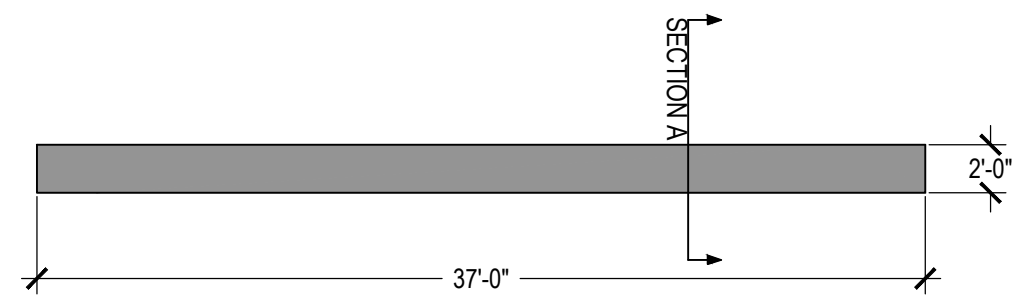
QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056



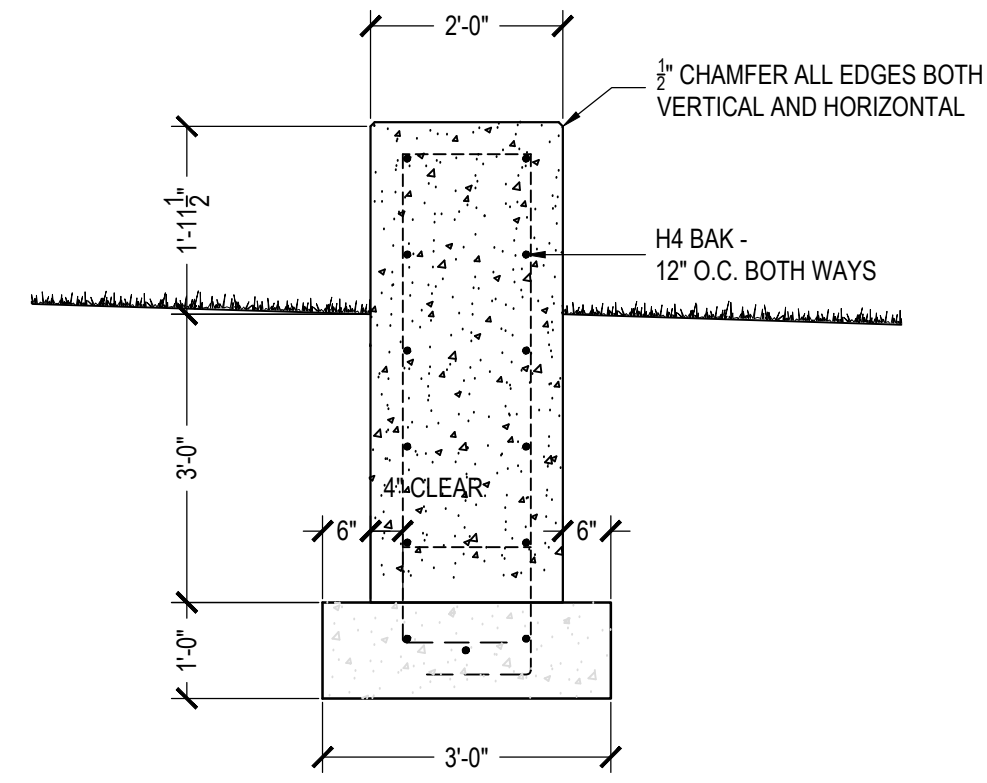
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Client	CHS
ML	JH
Sheet Title	Site Details

Revisions	Description	Revision Date

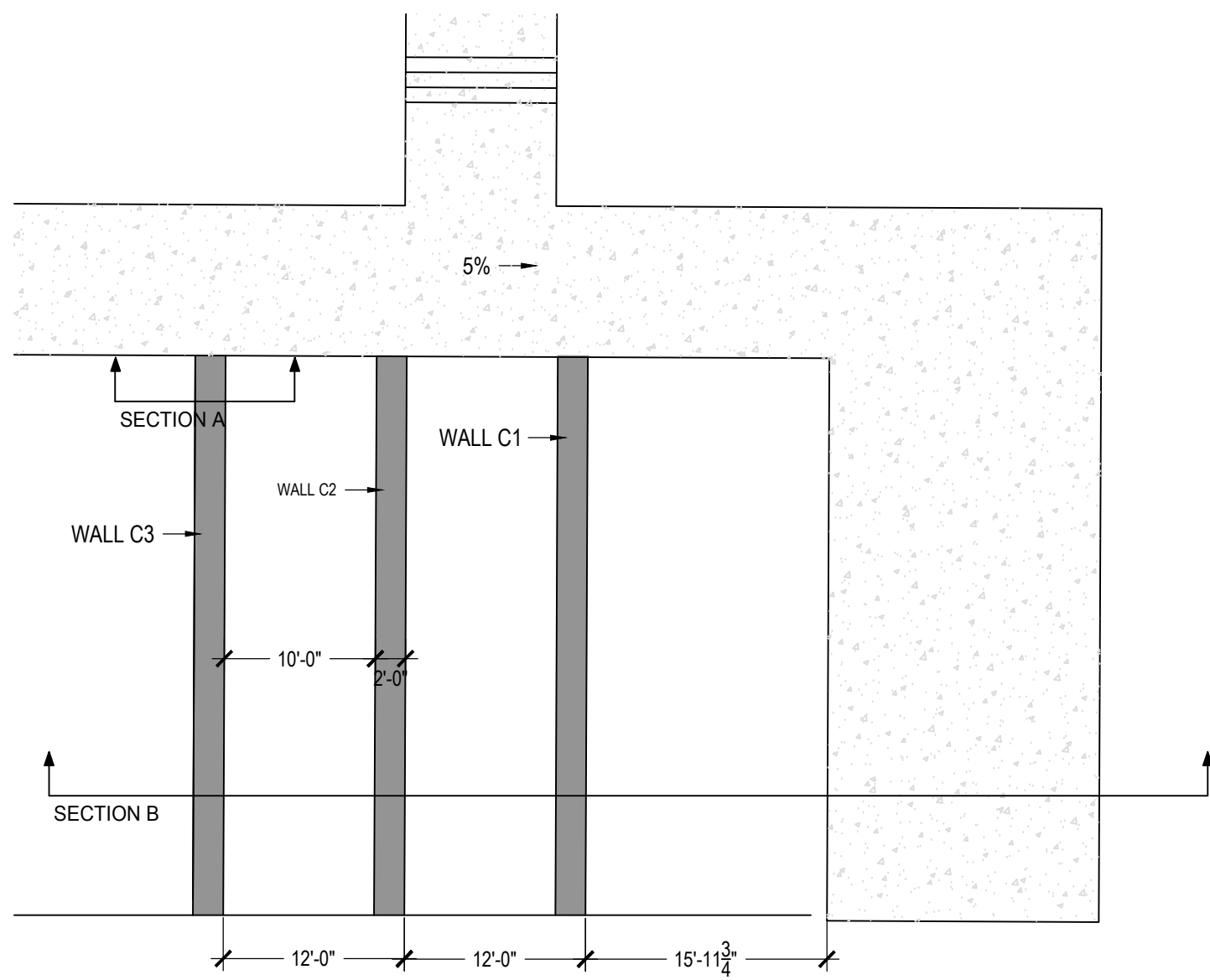
Cost Number  
Date  
NOVEMBER 1, 2023



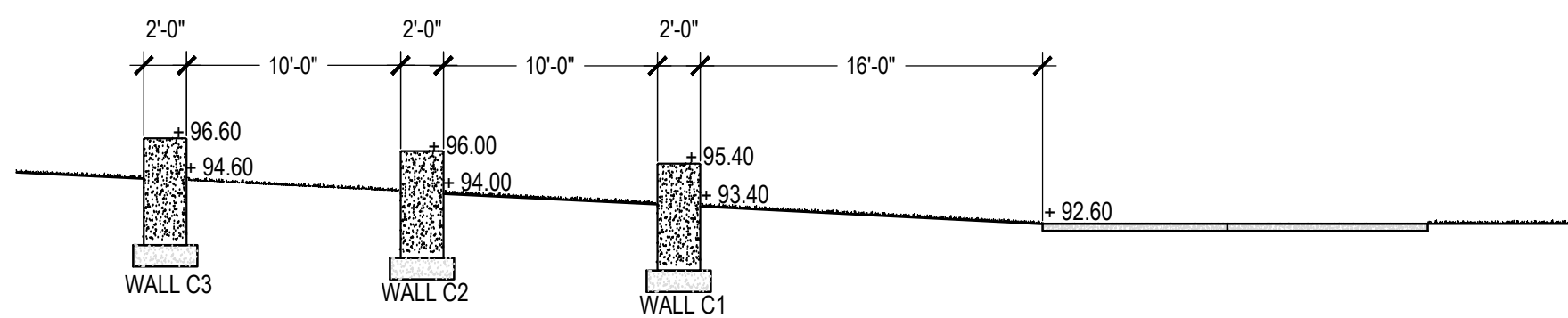
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L302 SCALE: 1/8"=1'-0"



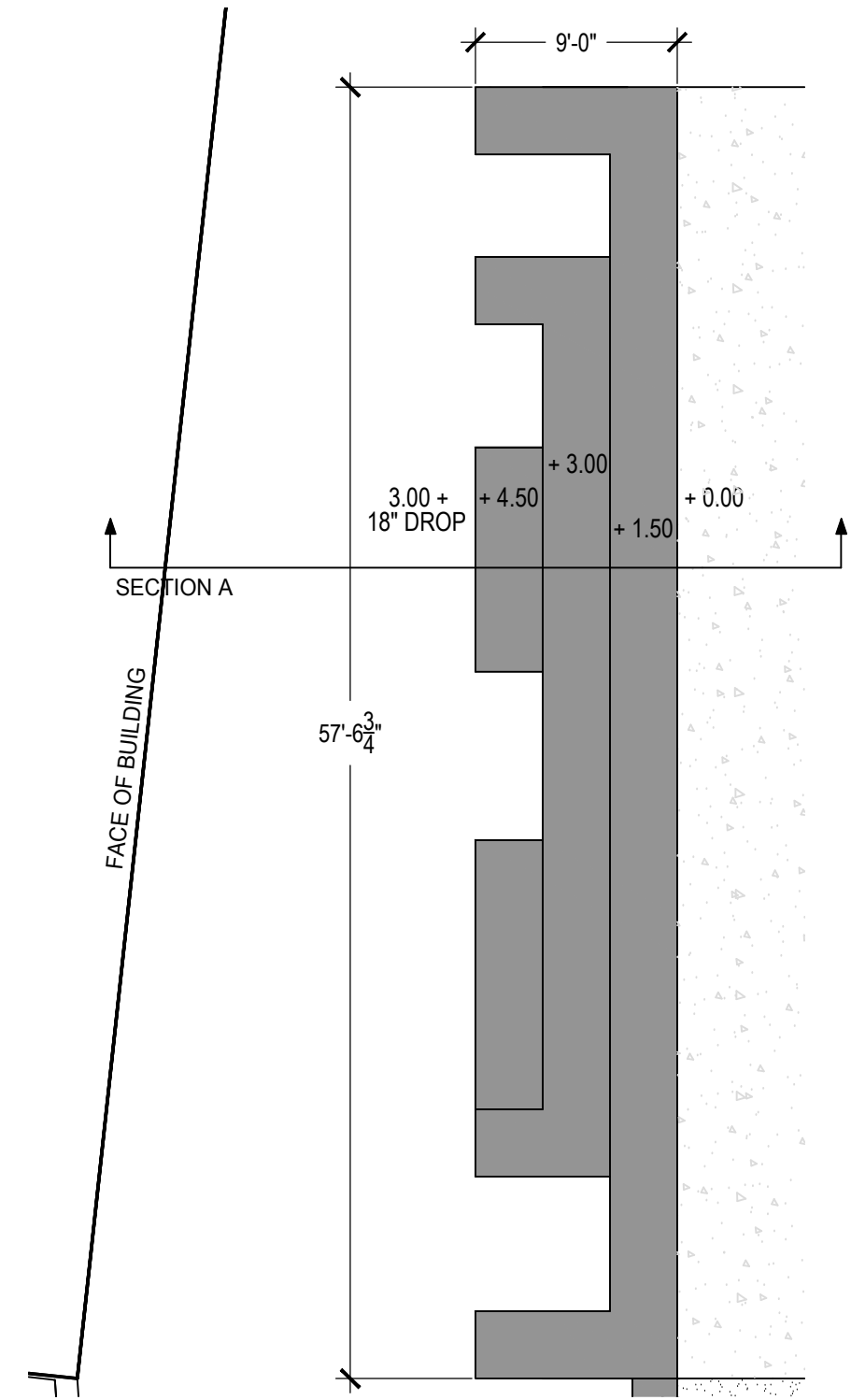
2 OUTDOOR CLASSROOM - TYPICAL SECTION  
L302 SCALE: 1/2"=1'-0"



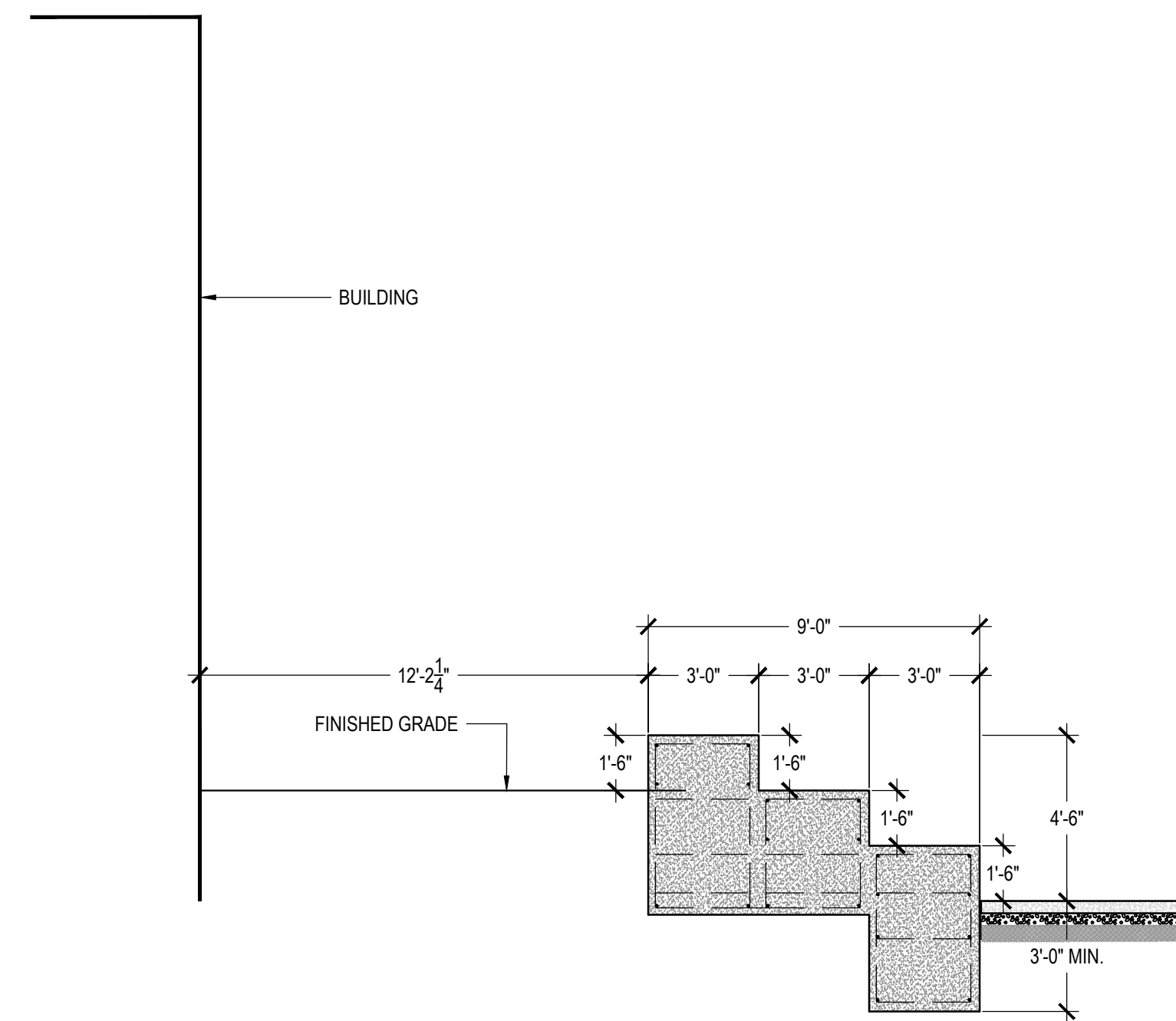
3 OUTDOOR CLASSROOM - PLAN  
L302 SCALE: 3/32"=1'-0"



4 OUTDOOR CLASSROOM - PLAN WALLS C1, C2, AND C3  
L302 SCALE: 1/8"=1'-0"

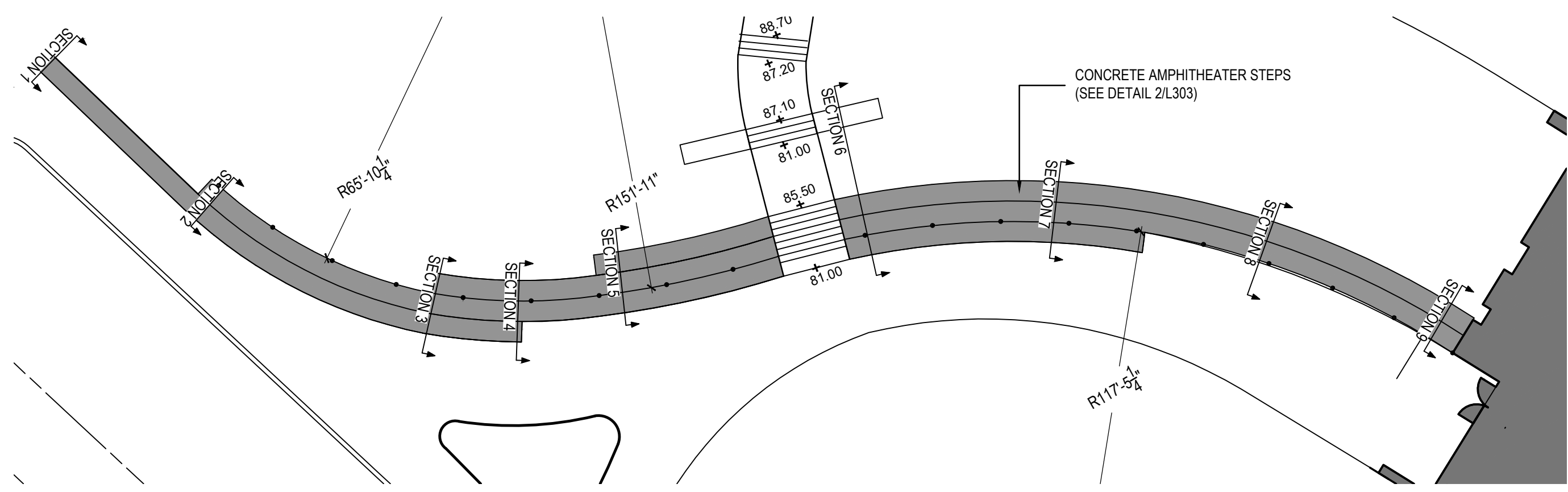


5 AMPHITHEATER 2 - STUDENT COURTYARD  
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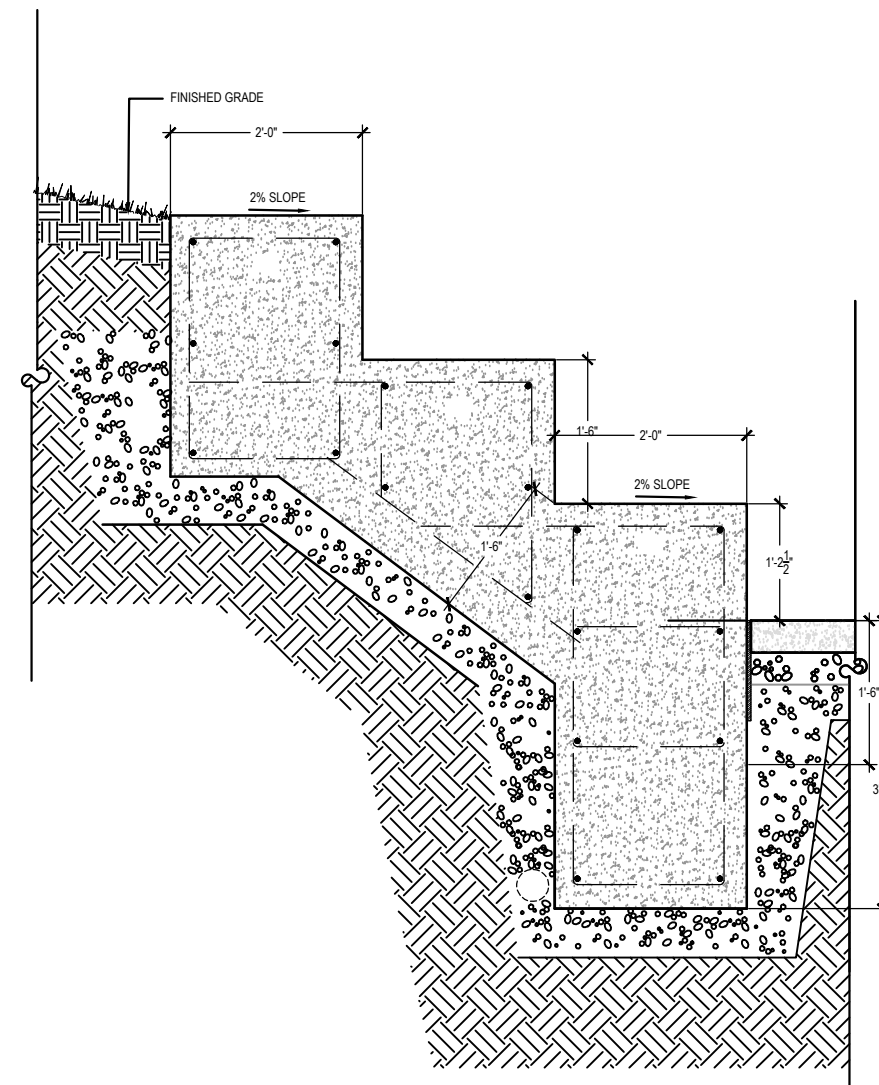


6 AMPHITHEATER 2 - SECTION A  
L302 SCALE: 1/4"=1'-0"

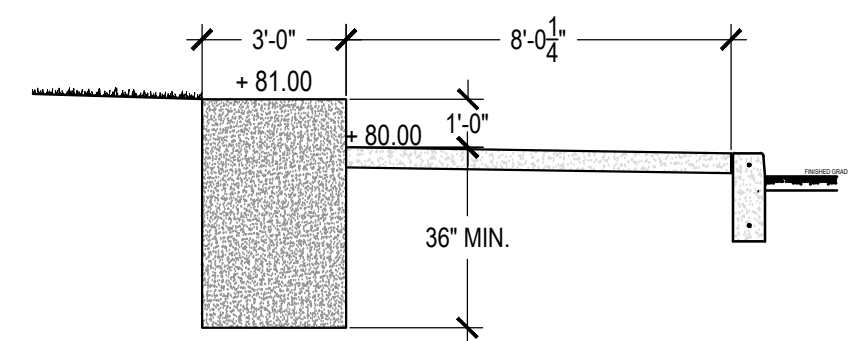




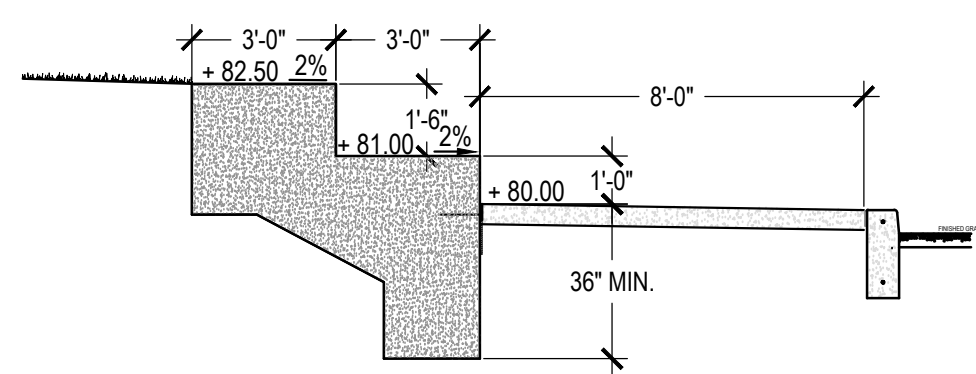
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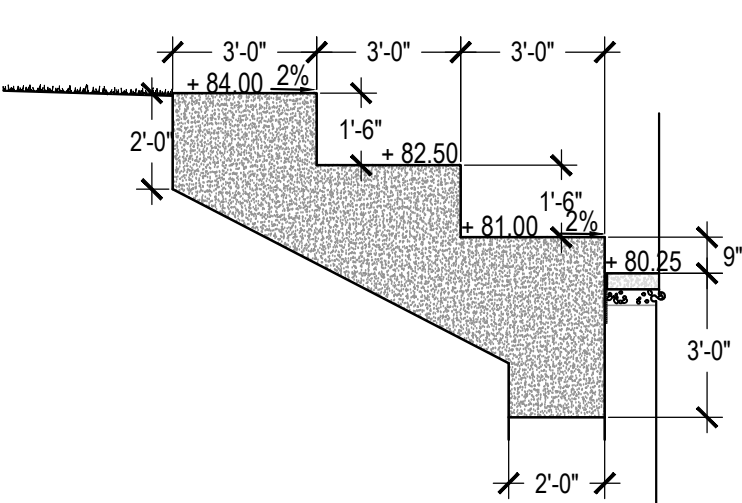
2 AMPHITHEATER STEPS TYPICAL  
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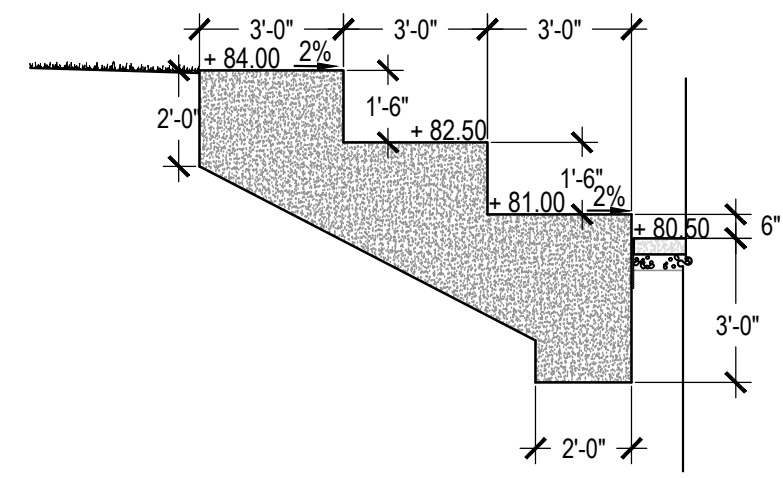
3 SECTION 1  
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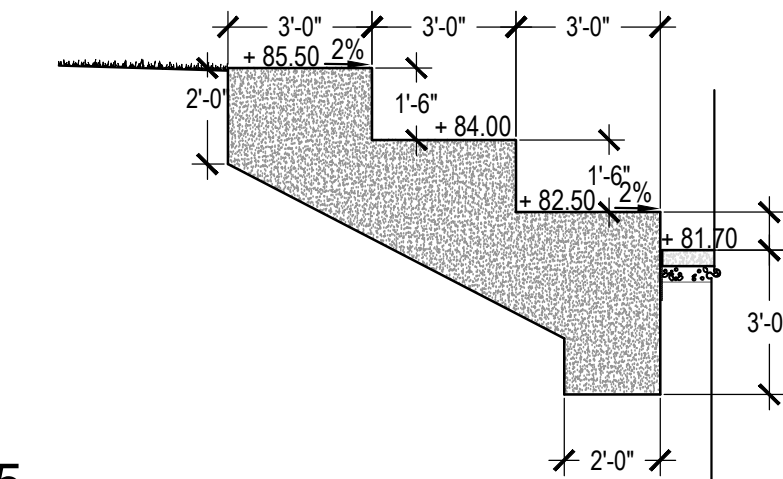
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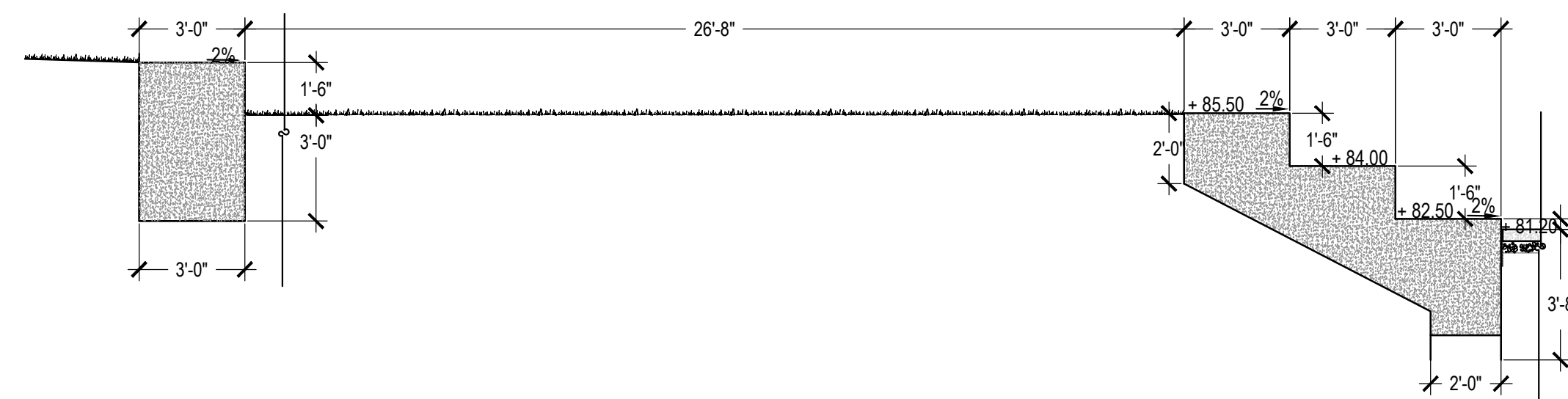
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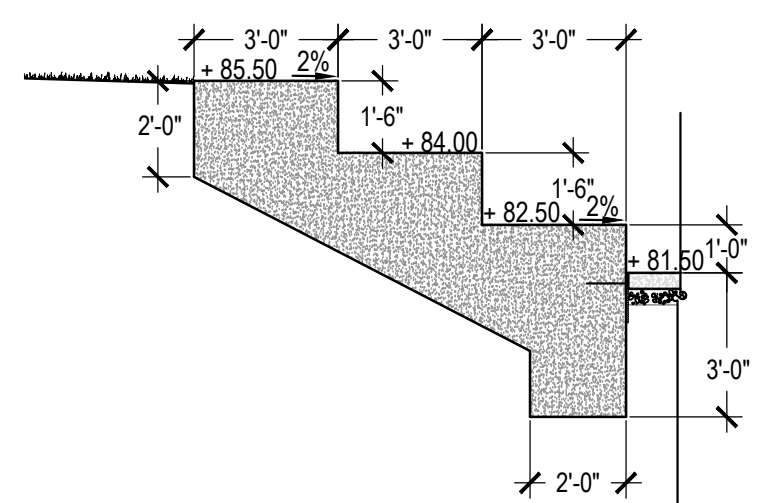
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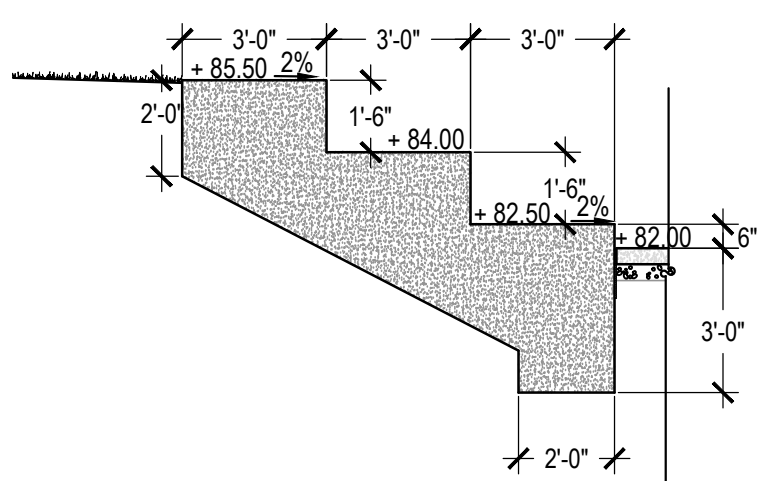
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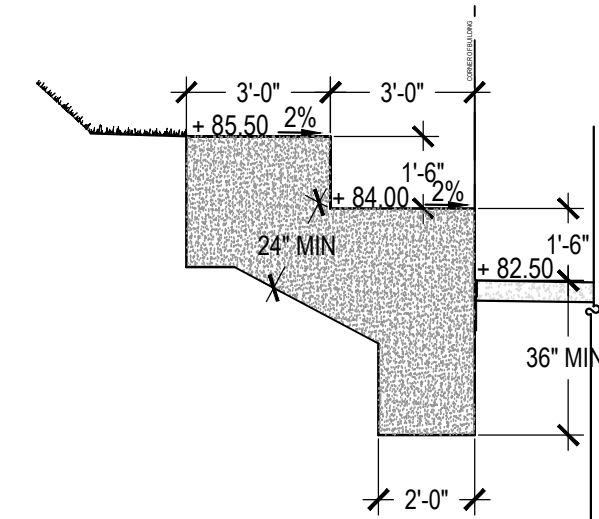
8 SECTION 6  
SCALE: 1/4"=1'-0"



9 SECTION 7  
SCALE: 1/4"=1'-0"



10 SECTION 8  
SCALE: 1/4"=1'-0"



11 SECTION 9  
SCALE: 1/4"=1'-0"

QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056

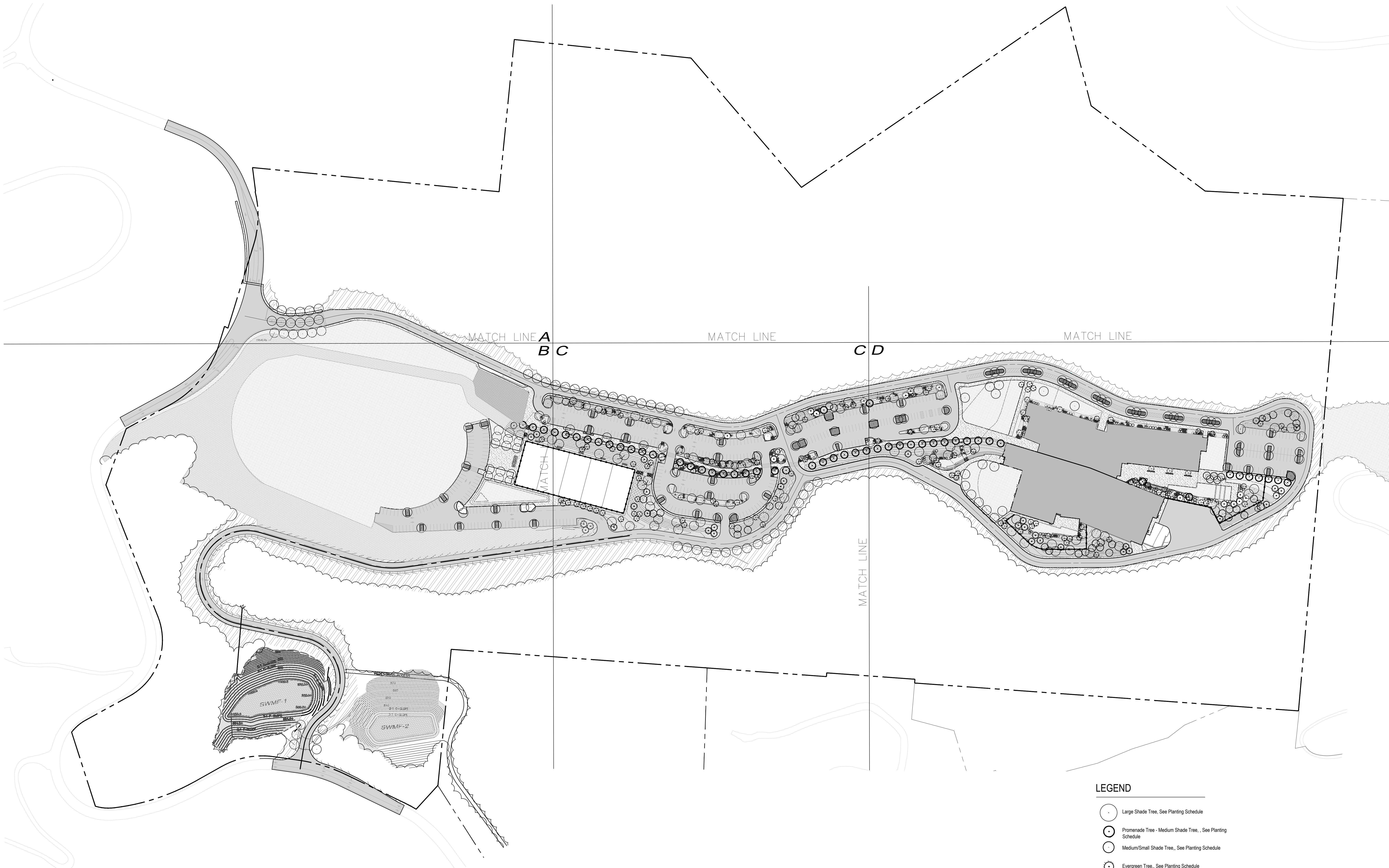


Commission	21017
Client	Quaker Valley School District
ML	JH
Sheet Title	Site Details






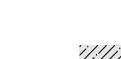
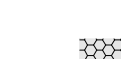
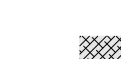


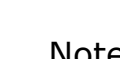
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Cost Number  
Date  
NOVEMBER 1, 2023

L303

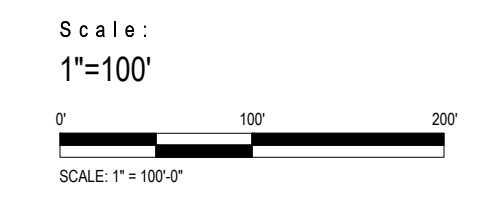


**LEGEND**

-  Large Shade Tree, See Planting Schedule
-  Promenade Tree - Medium Shade Tree, See Planting Schedule
-  Medium/Small Shade Tree, See Planting Schedule
-  Evergreen Tree, See Planting Schedule
-  Ornamental Tree, See Planting Schedule
-  Grass and Perennial Planting, See Planting Schedule
-  Slope/Meadow Planting, See Planting Schedule
-  Rain Garden Planting, See Planting Schedule
-  Stormwater Management Facility, See Planting Schedule
-  Reforestations, See Planting Schedule
-  Seeded Lawn, See Planting Schedule

**Notes:**

1. Final Tree locations to be coordinated with Lighting Locations



**QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056**



Commission	21017
Owner	Quaker Valley School District
ML	JH
Sheet Title	Landscape Plan

Revisions	#	Description	Revision Date

Cost Number: \_\_\_\_\_  
Date: **NOVEMBER 1, 2023**

**L400**

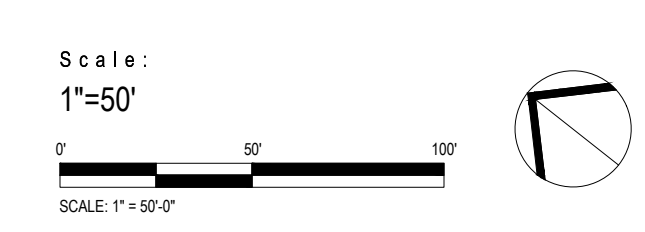


**LEGEND**

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**QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056**



Commission	21017
Client	Quaker Valley School District
Design	JH
Sheet Title	Landscape Plan

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Date  
**NOVEMBER 1, 2023**



**QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056**



Commission: 21017  
Client: JH  
Sheet Title: Landscape Plan

Revisions: # Description Revision Date

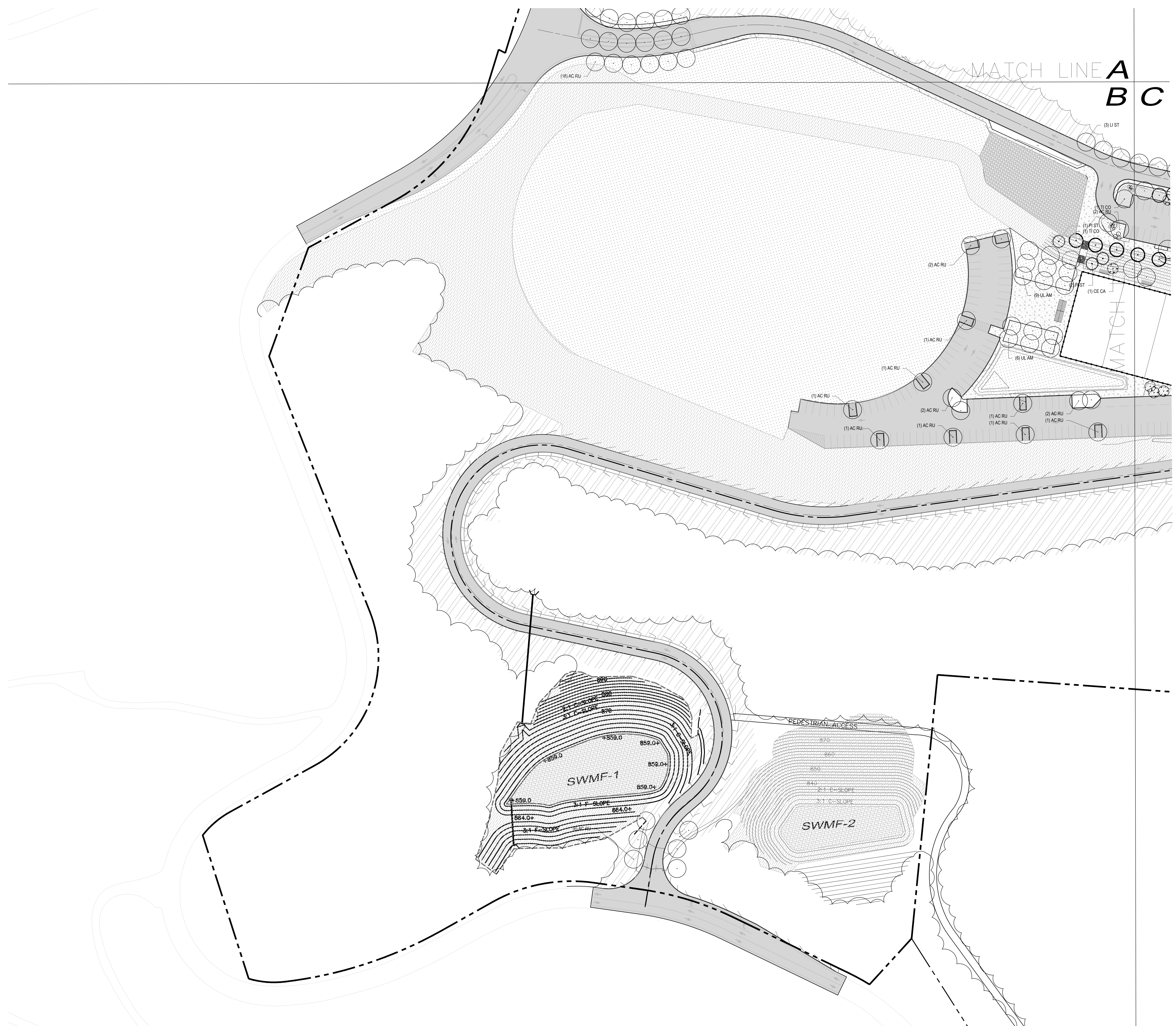
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Date: NOVEMBER 1, 2023

**LEGEND**

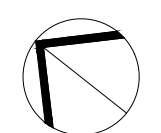
- Large Shade Tree, See Planting Schedule
- Promenade Tree - Medium Shade Tree, See Planting Schedule
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- Reforestations, See Planting Schedule
- Seeded Lawn, See Planting Schedule

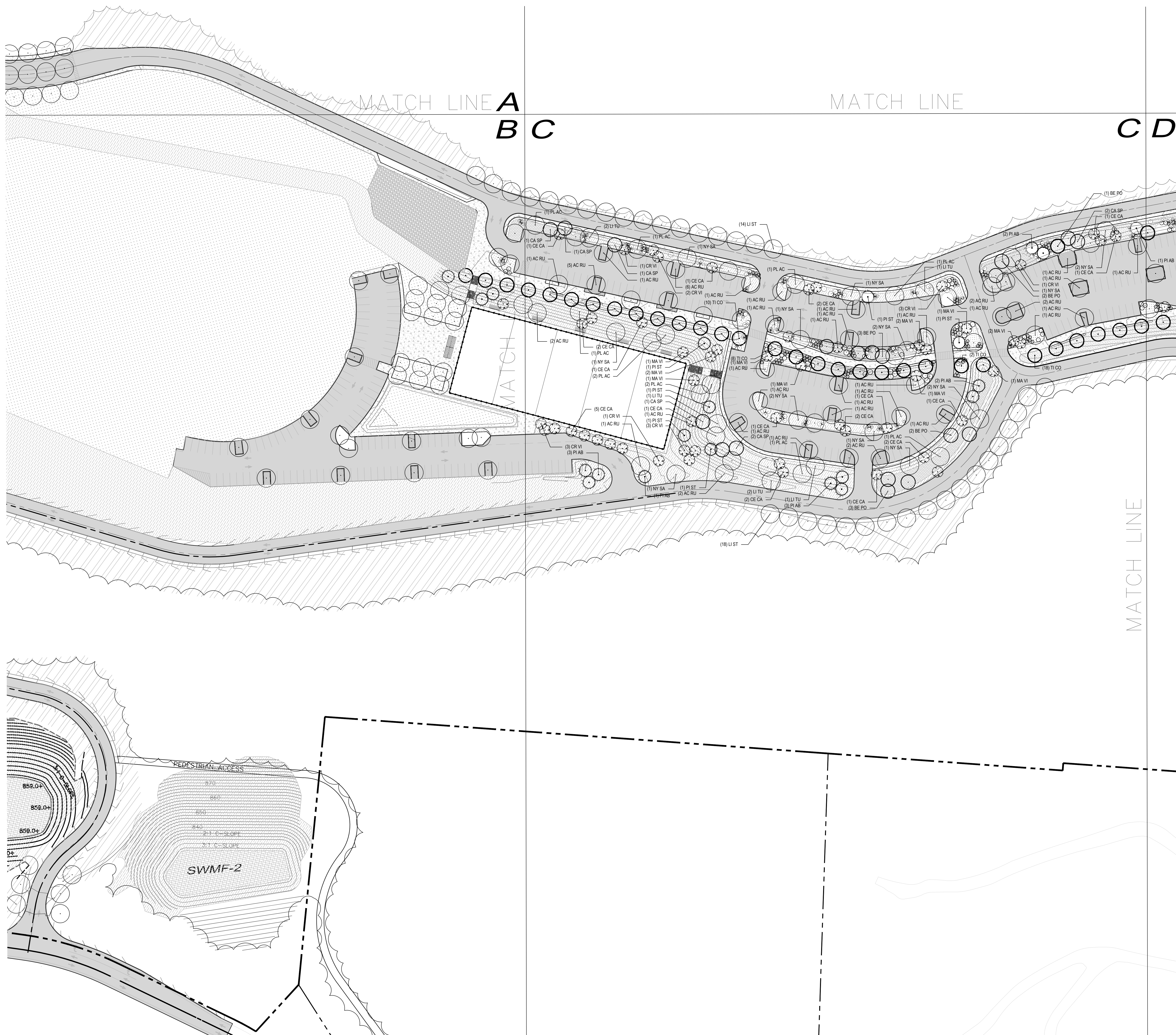
**Notes:**

1. Final Tree locations to be coordinated with Lighting Locations



Scale:  
1"=50'  
SCALE 1"=50'





**LEGEND**

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**Notes:**

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**QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056**



Commission	21017
Client	ML JH
Sheet Title	Landscape Plan

Revisions	Description	Revision Date

Scale:  
1"=50'  
NOVEMBER 1, 2023



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- Reforestations, See Planting Schedule
- Seeded Lawn, See Planting Schedule

**Notes:**

1. Final Tree locations to be coordinated with Lighting Locations



**QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056**



Commission	21017
Drawn	JH
Sheet Title	Landscape Plan

Revisions	Description	Revision Date

Scale:  
1"=50'  
NOVEMBER 1, 2023

**PLANTING SCHEDULE - TREES**

KEY	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
<b>SHADE TREES</b>					
AC RU	105	Acer rubrum 'Red Sunset'	Red Sunset Red Maple	3"-3.5" Cal.	B&B
CA SP	13	Catalpa Speciosa	Northern Catalpa	3"-3.5" Cal.	B&B
BE PO	34	Betula populifolia 'Whitespire'	Whitespire Birch	12"-14" Ht.	B&B
LI ST	48	Liquidambar styraciflua	Sweetgum	3"-3.5" Cal.	B&B
LI TU	17	Liriodendron tulipifera	Tulip Tree	3"-3.5" Cal.	B&B
NY SA	23	Nyssa sylvatica	Black Gum	3"-3.5" Cal.	B&B
PL AC	15	Planatus acerifolia 'Exclamation'	Exclamation London Planetree	3"-3.5" Cal.	B&B
QU AL	7	Quercus Alba	White Oak	3"-3.5" Cal.	B&B
TI CO	48	Tilia cordata 'Greenspire'	Greenspire Little Leaf Linden	3"-3.5" Cal.	B&B
UL AM	36	Ulmus a. 'Princeton'	Princeton American Elm	3"-3.5" Cal.	B&B
<b>EVERGREEN TREE</b>					
PI AB	33	Picea abies	Norway Spruce	12"-14" Ht.	B&B
PI ST	17	Pinus strobus	Eastern White Pine	12"-14" Ht.	B&B
<b>ORNAMENTAL TREE</b>					
CE CA	59	Cercis canadensis	Eastern Red Bud	2.5"-3"	B&B
CR VI	35	Crataegus viridis 'Winter King'	Winter King Hawthorn	2.5"-3"	B&B
MA VI	18	Magnolia virginiana	Sweetbay Magnolia	2.5"-3"	B&B

**PLANTING SCHEDULE - SHRUBS**

KEY	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
<b>SHRUBS</b>					
	723	Clethra alnifolia 'Ruby Spice'	Ruby Spice Summersweet	24"-30" Ht.	B&B
		Ceanothus americanus	New Jersey Tea	24"-30" Ht.	B&B
		Fothergilla 'Mt. Airy'	Mount Airy Fothergilla	24"-30" Ht.	B&B
		Ilex glabra 'Shamrock'	Red Sprite Winterberry	24"-30" Ht.	B&B
		Ilex verticillata 'Red Sprite'	Red Sprite Winterberry	24"-30" Ht.	B&B
		Ilex verticillata 'Southern Gentleman'	Southern Gentleman Winterberry	24"-30" Ht.	B&B
		Itea virginica 'Henry Garnett'	Virginia Sweetpire	24"-30" Ht.	B&B
		Hamamelis 'Arnold Promise'	Arnold Promise Witchhazel	36"-42" Ht.	B&B
		Rhus aromatica	Gro-Low Sumac	24"-30" Ht.	B&B
		Viburnum dentatum 'Blue Muffin'	Arrowwood Viburnum	30"-36" Ht.	B&B
		Viburnum lentana 'Mohican'	Mohican Viburnum	30"-36" Ht.	B&B
		Viburnum plicatum 'Mariesii'	Doublefile Viburnum	30"-36" Ht.	B&B

**PLANTING SCHEDULE - GRASSES AND PERENNIALS**

KEY	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
<b>GRASSES AND PERENNIALS</b>					
	21,992 SF	Andropogon gerardii	Big bluestem	1 Gal.	
		Baptisia australis	Blue False Indigo	1 Gal.	
		Bouteloua g. blonde ambitions	Grama Grass	1 Gal.	
		Deschampsia cespitosa 'Goldtau'	Tufted Hairgrass	1 Gal.	
		Echinacea purpurea	Purple Coneflower	1 Gal.	
		Eutrochium dubium 'Little Joe'	Little Joe Joepye Weed	1 Gal.	
		Miscanthus s. 'Gracillima'	Maiden Hairgrass	1 Gal.	
		Panicum virgatum 'Shenandoah'	Red Switchgrass	1 Gal.	
		Schizachyrium scoparium	Little Bluestem	1 Gal.	
		Sporobolus heterolepis	Prairie Dropseed	1 Gal.	

**PLANTING SCHEDULE - REFORESTATION**

KEY	QNTY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
<b>SHRUBS, GRASSES AND PERENNIALS</b>					
	Min. 5000 Trees	Acer rubrum	Red Maple	1/2" Whip	
		Carya spp.	Hickory	1/2" Whip	
		Celtis occidentalis	Hackberry	1/2" Whip	
		Fagus grandifolia	American Beech	1/2" Whip	
		Liriodendron tulipifera	Yellow Poplar	1/2" Whip	
		Nyssa sylvatica	Black Gum	1/2" Whip	
		Quercus alba	White oak	1/2" Whip	
		Quercus palustris	Pin Oak	1/2" Whip	
		Quercus rubra	Red Oak	1/2" Whip	
		Sassafras albidum	Sassafras	1/2" Whip	
		Tilia americana	Basswood	1/2" Whip	
	214,850 SF	ERNMX-140 - Partially Shaded Area Roadside Mix			

**PLANTING SCHEDULE - SLOPE/MEADOW PLANTING**

KEY	QNTY	TYPE
<b>SEED MIX</b>		
	302,900	ERNMX-181 - Native Steep Slope Mix w/Annual Ryegrass

**PLANTING SCHEDULE - RAIN GARDEN PLANTING**

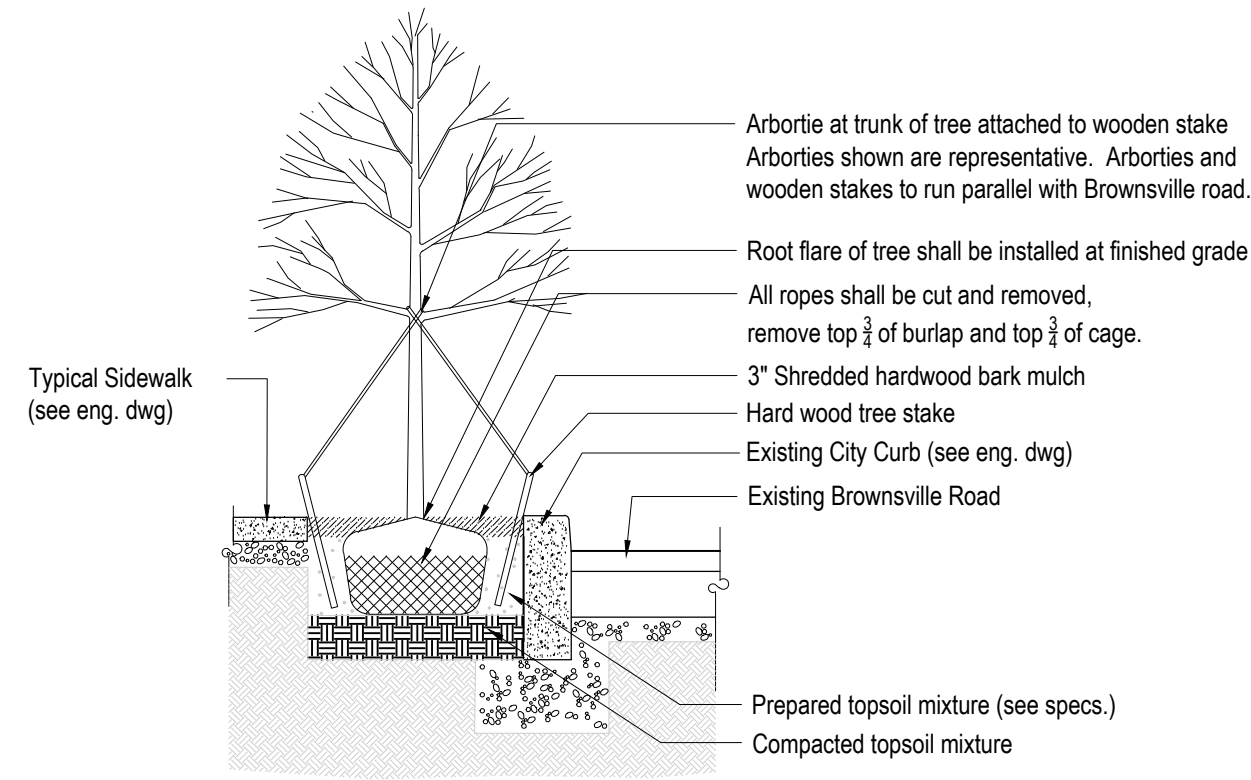
KEY	QNTY	TYPE
<b>SEED MIX</b>		
	20,600 SF	ERNMX-180 - Rain Garden Mix

**PLANTING SCHEDULE - STORMWATER MANAGEMENT FACILITY**

KEY	QNTY	TYPE
<b>SEED MIX</b>		
	28,425 SF	ERNMX-183 - Native Detention Area

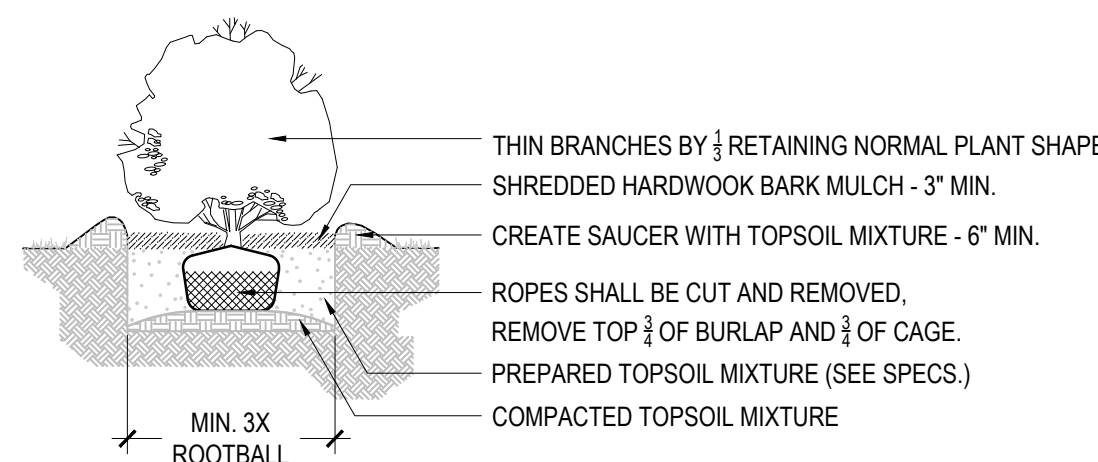
**PLANTING SCHEDULE - SEEDED LAWN**

KEY	QNTY	TYPE
<b>SEED MIX</b>		
	415,785 SF	Pennington Pennsylvania State Grass Seed Mix



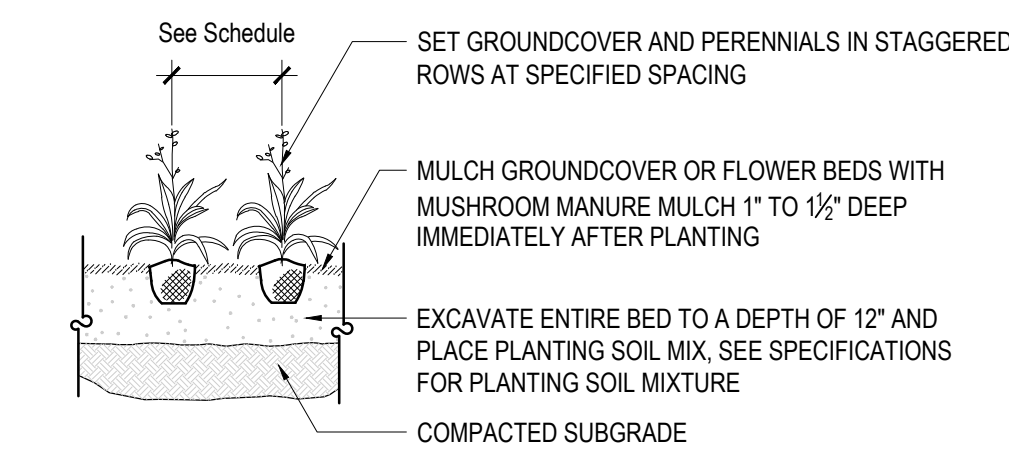
Note:  
1. Plants dug with firm, natural balls of earth in which they are grown, with ball size not less than the diameter and depth recommended by ANSI Z60.1-1996 for type and size of tree or shrub required; wrapped, tied, rigidly supported, and drum-laced as recommended by ANSI Z60.1-1996.

**1 TYPICAL DECIDUOUS TREE PLANTING**  
NOT TO SCALE



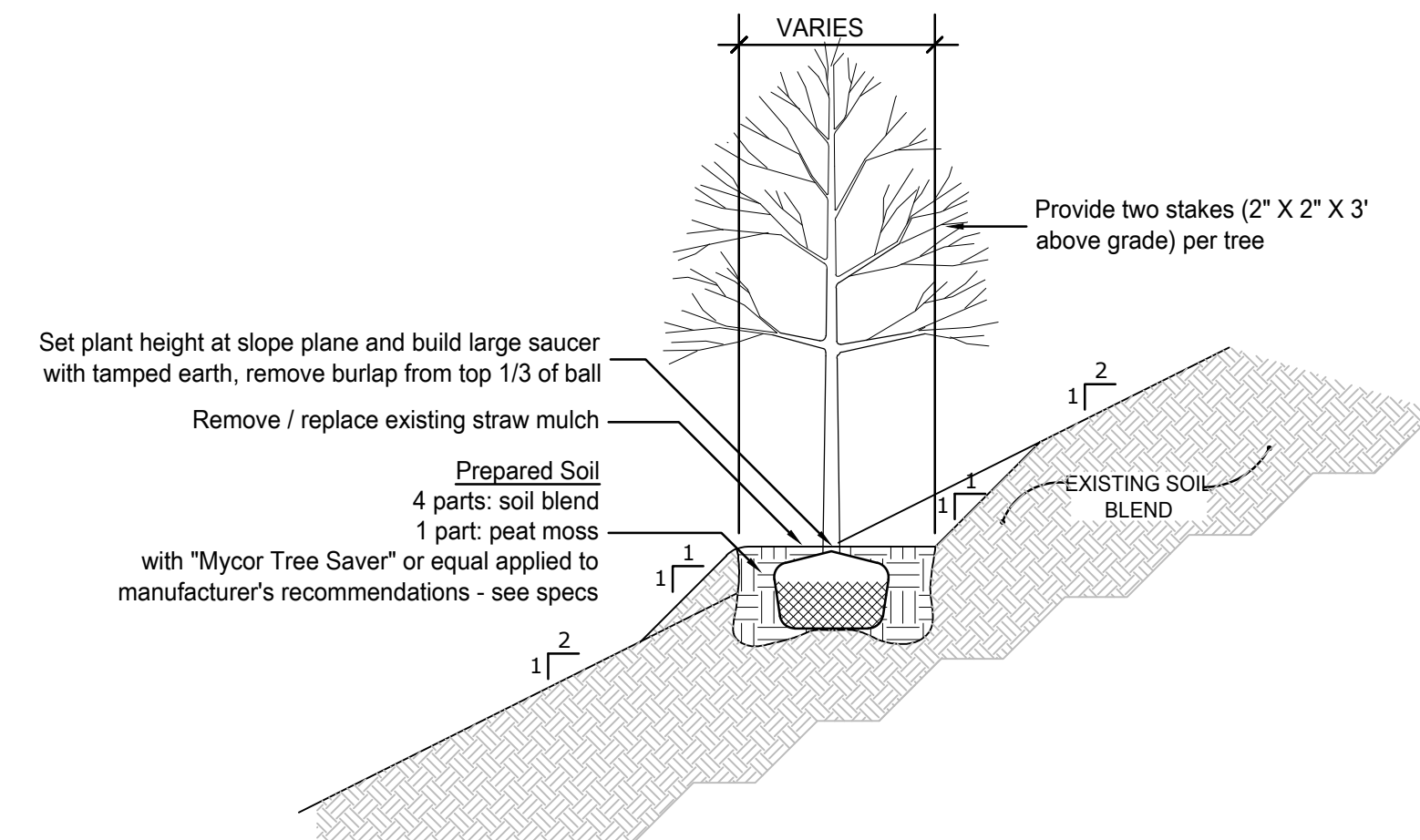
NOTE:  
1. BALLED AND BURLAPPED PLANTS DUG WITH FIRM, NATURAL BALLS OF EARTH IN WHICH THEY ARE GROWN, WITH BALL SIZE NOT LESS THAN THE DIAMETER AND DEPTH RECOMMENDED BY ANSI Z60.1-1996 FOR TYPE AND SIZE OF TREE OR SHRUB REQUIRED; WRAPPED, TIED, RIGIDLY SUPPORTED, AND DRUM-LACED AS RECOMMENDED BY ANSI Z60.1-1996.  
2. ALL CONTAINER GROWN PLANTS SHALL BE HEALTHY, VIGOROUS, WELL ROOTED, AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE GROWING. A CONTAINER GROWN PLANT SHALL HAVE A WELL-ESTABLISHED ROOT SYSTEM REACHING THE SIDES OF THE CONTAINER TO MAINTAIN A FIRM ROOT BALL. CONTAINER SHALL BE RIGID ENOUGH TO HOLD BALL SHAPE AND PROTECT ROOT MASS DURING SHIPPING AND BE SIZED ACCORDING TO ANSI Z60.1-1996 FOR KIND, TYPE, AND SIZE OF PLANT REQUIRED.

**2 TYPICAL SHRUB PLANTING**  
NOT TO SCALE

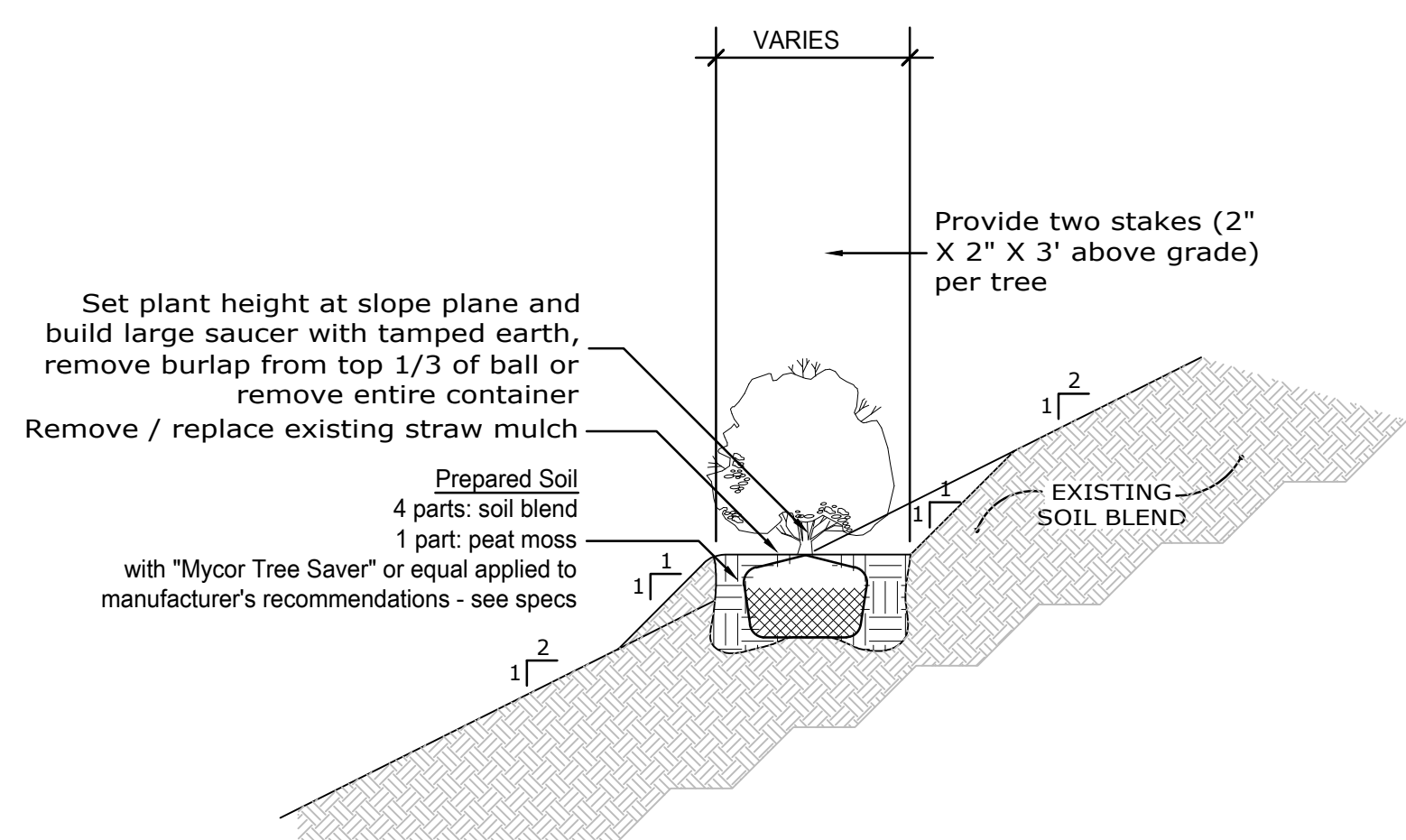


NOTE:  
1. ALL CONTAINER GROWN GROUND COVER AND PERENNIAL PLANTS SHALL BE HEALTHY, VIGOROUS, WELL ROOTED AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE GROWING. A CONTAINER GROWN GROUND COVER AND PERENNIAL PLANT SHALL HAVE A WELL-ESTABLISHED ROOT SYSTEM REACHING THE SIDES OF THE CONTAINER TO MAINTAIN A FIRM ROOTBALL. CONTAINER SHALL BE RIGID ENOUGH TO HOLD BALL SHAPE AND PROTECT ROOT MASS DURING SHIPPING AND BE SIZED ACCORDING TO ANSI Z60.1-1996 FOR KIND, TYPE AND SIZE OF PLANT REQUIRED.

**3 TYPICAL PERENNIAL/GROUND COVER PLANTING**  
NOT TO SCALE



**4 DECIDUOUS TREE ON SLOPE**  
NOT TO SCALE



**5 SHRUB PLANTING ON SLOPE**  
NOT TO SCALE

**Notes:**

- All plants shall be furnished and installed in strict accordance with the latest version of "American Standard for Nursery Stock", ANSI Z60.1, as published and approved by the American Association of Nurserymen, and Section 808 of the latest version of PennDOT Form 408 specs.
- Balled and burlapped plans shall be dug with firm, natural balls of which they are grown, with ball size not less than diameter and depth recommended by ANSI Z60.1 for type and size of tree or shrub required; wrapped, tied, rigidly supported, and drum-laced as recommended by ANSI Z60.1.
- Container-grown plants shall be healthy, vigorous, well-rooted, and established in the container in which they are grown. A container-grown plant shall have a well-established root system reaching the sides of the container to maintain a firm root ball. Container shall be rigid enough to hold ball shape and protect root mass during shipping and be sized according to ANSI Z60.1 for kind, type, and size of plant required.
- All plants to be staked in the field by Contractor for approval of Landscape Architect prior to planting installation.
- Contractor shall install all plant materials in locations and to depths as shown on plan or on details. See specifications for planting mix.
- Topsoil shall be supplied by the Contractor. Topsoil must be tested according to specifications prior to its use. Topsoil test results and amendment recommendations shall be provided by the Contractor to the Landscape Architect prior to installation. See plans, details, and specifications for topsoil depths.
- All shrub beds shall be mulched with three 3" inches of double-shredded processed hardwood bark; all ground cover and perennial beds shall be mulched with 1-1/2" mushroom manure, as per Section 805 of the latest version of PennDOT Form 408 specifications.
- All plant material shall be guaranteed by Contractor for a period of one calendar year after written notice of acceptance of all planting work.

**QUAKER VALLEY SCHOOL DISTRICT**  
**NEW QUAKER VALLEY HIGH SCHOOL**  
**LEETSDALE, PA 15056**

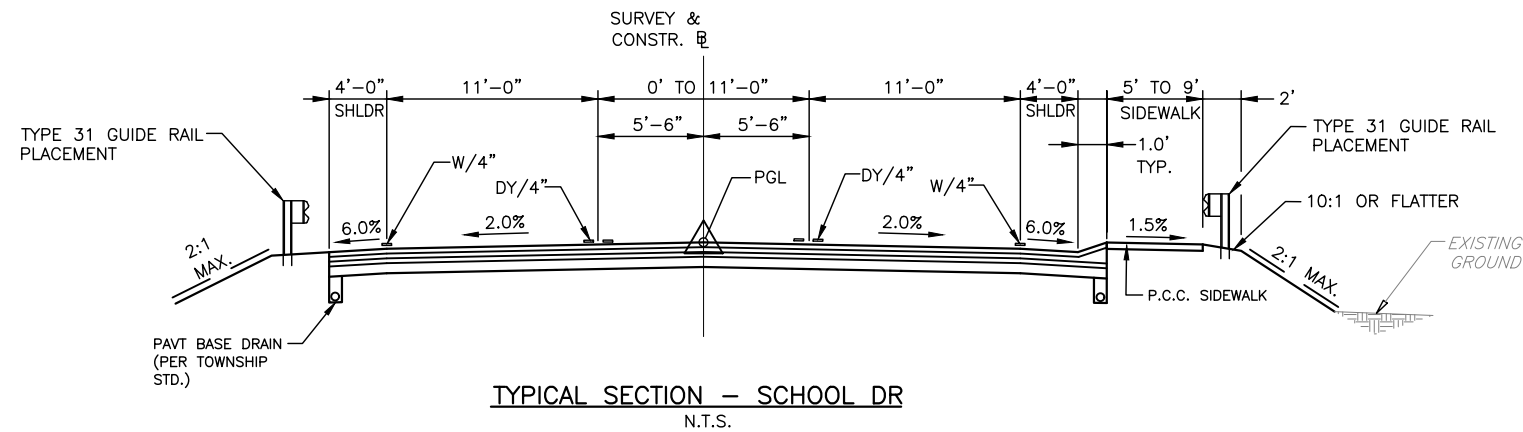
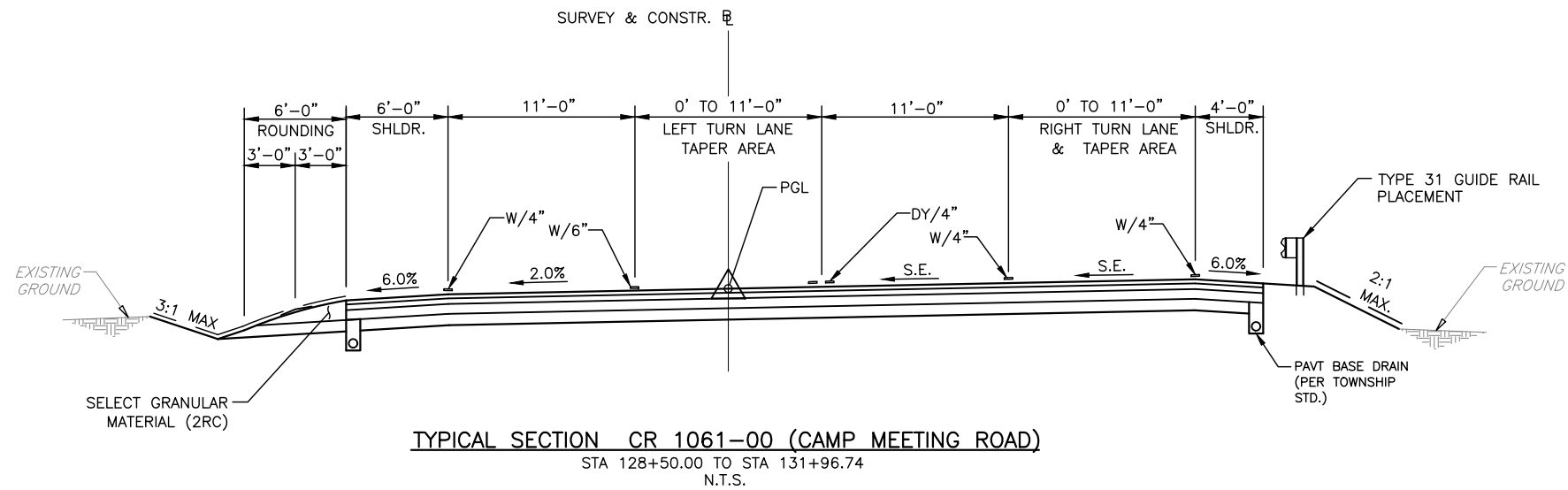
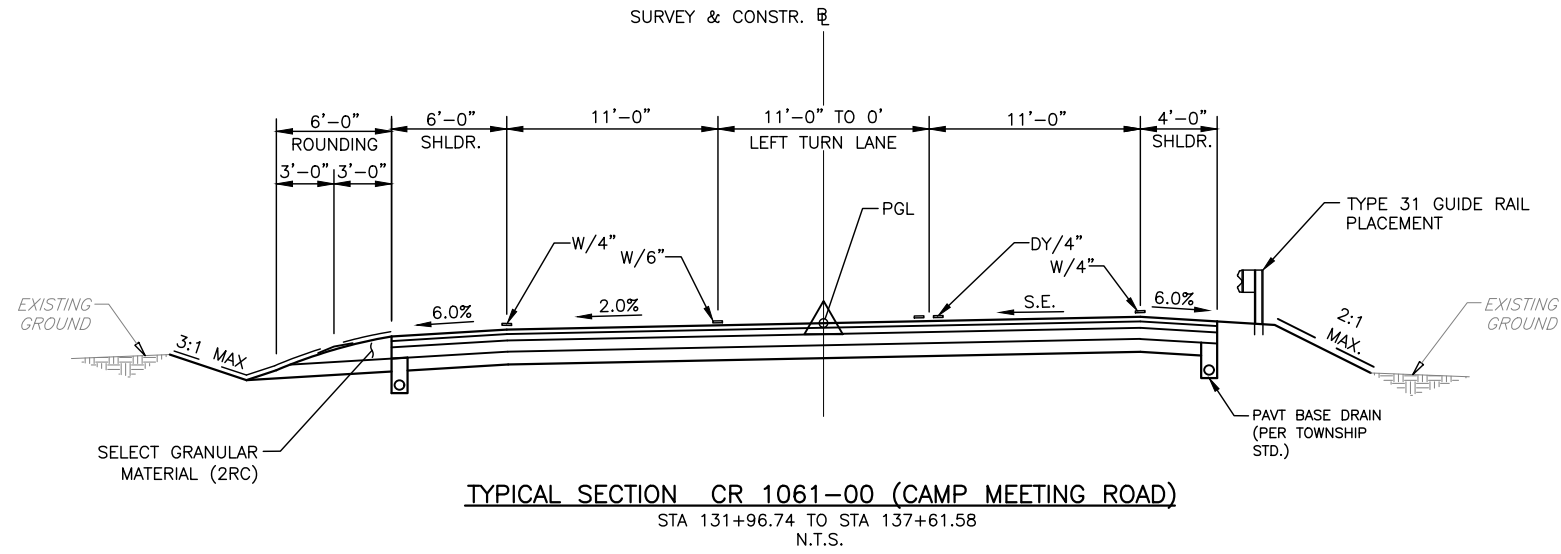


Commission	21017
Checked	JH
ML	JH
Sheet Title	Plant Schedule

Revisions	#	Description	Revision Date
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Cost Number  
Date  
NOVEMBER 1, 2023

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
11-0	ALLEGHENY	CR 1061-00	-	1 OF 8
LEET TOWNSHIP AND LEETSDALE BOROUGH				
REV NO.	REVISIONS			DATE BY



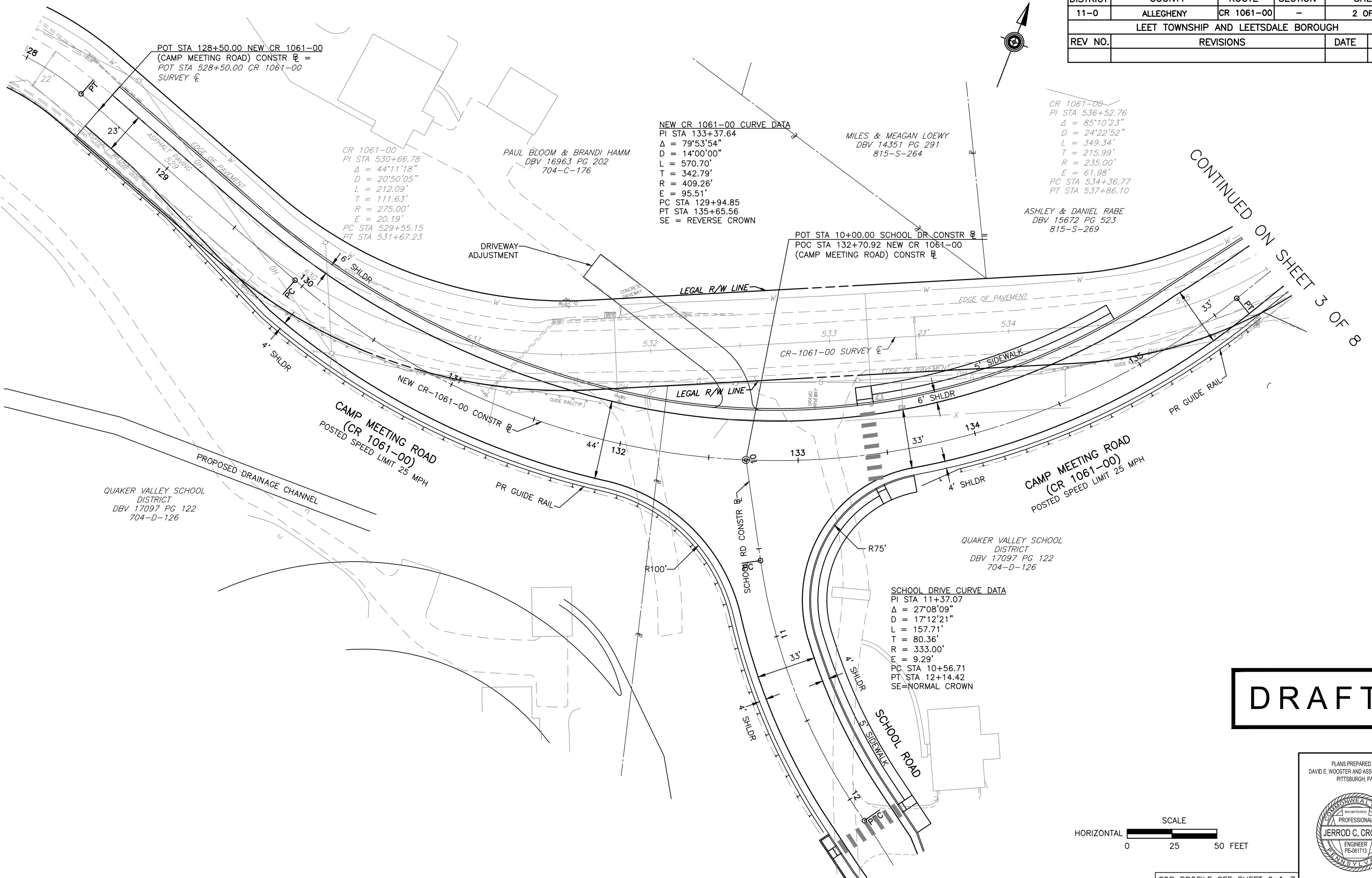
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DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
11-0	ALLEGHENY	CR 1061-00	-	2 OF 8	
LEET TOWNSHIP AND LEETSDALE BOROUGH					
REV NO.	REVISIONS			DATE	BY



**NEW CR 1061-00 CURVE DATA**  
 PI STA 133+37.64  
 $\Delta = 79^{\circ}53'54''$   
 $D = 14^{\circ}00'00''$   
 $L = 570.70'$   
 $T = 342.79'$   
 $R = 409.26'$   
 $E = 95.51'$   
 PC STA 129+94.85  
 PT STA 135+65.56  
 SE = REVERSE CROWN

CR 1061-00  
 PI STA 536+52.76  
 $\Delta = 85^{\circ}10'23''$   
 $D = 24^{\circ}22'52''$   
 $L = 349.34'$   
 $T = 215.99'$   
 $R = 235.00'$   
 $E = 61.98'$   
 PC STA 534+36.77  
 PT STA 537+86.10

ASHLEY & DANIEL RABE  
 DBV 15672 PG 523  
 815-S-269

**SCHOOL DRIVE CURVE DATA**  
 PI STA 11+37.07  
 $\Delta = 27^{\circ}08'09''$   
 $D = 17^{\circ}12'21''$   
 $L = 157.71'$   
 $T = 80.36'$   
 $R = 333.00'$   
 $E = 9.29'$   
 PC STA 10+56.71  
 PT STA 12+14.42  
 SE = NORMAL CROWN

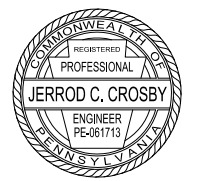
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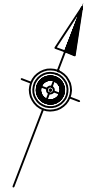
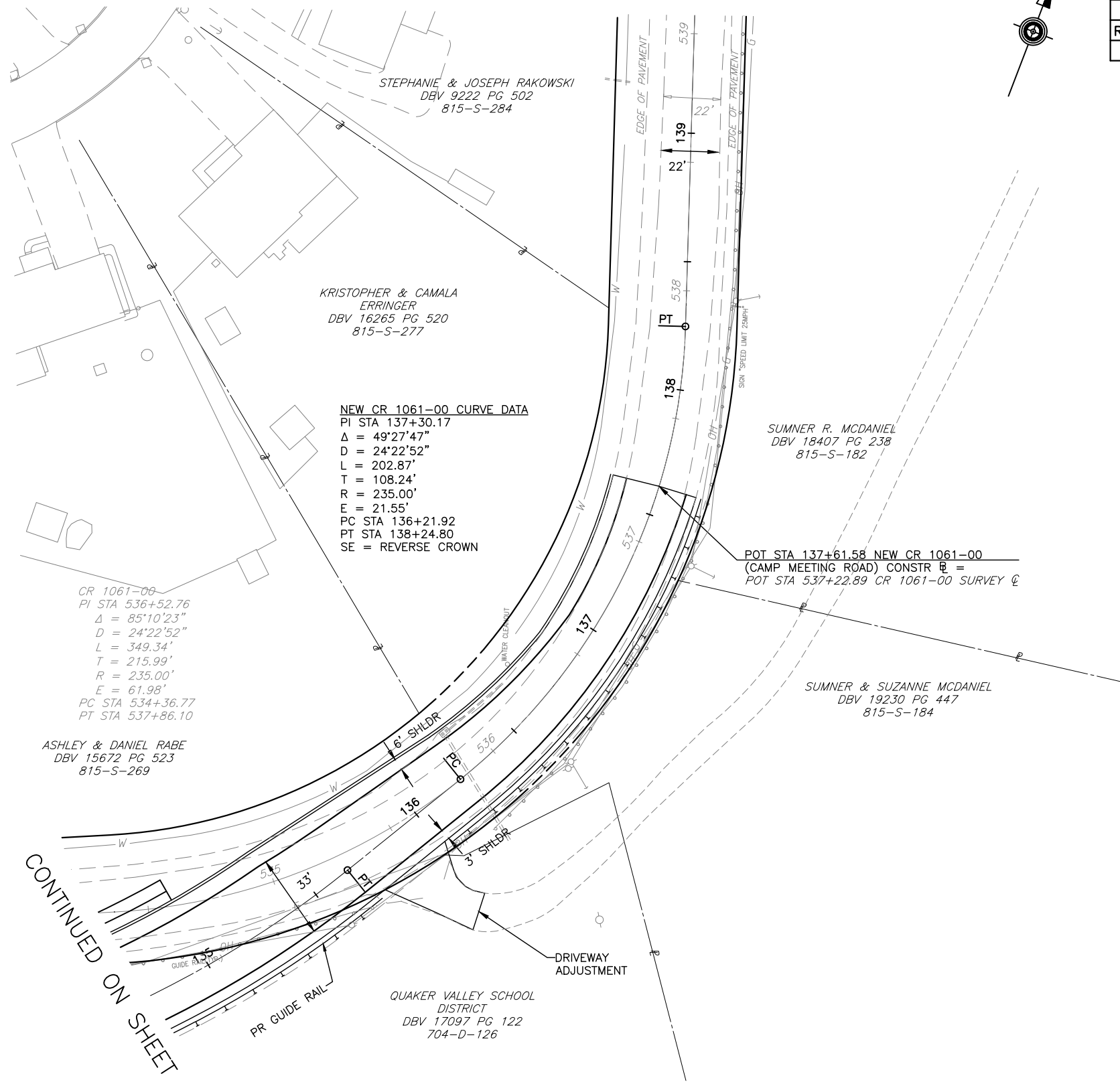


FOR PROFILE SEE SHEET 6 & 7

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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
11-0	ALLEGHENY	CR 1061-00	-	3 OF 8
LEET TOWNSHIP AND LEETSDALE BOROUGH				
REV NO.	REVISIONS			DATE BY



CONTINUED ON SHEET 2 OF 8

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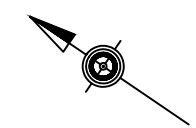
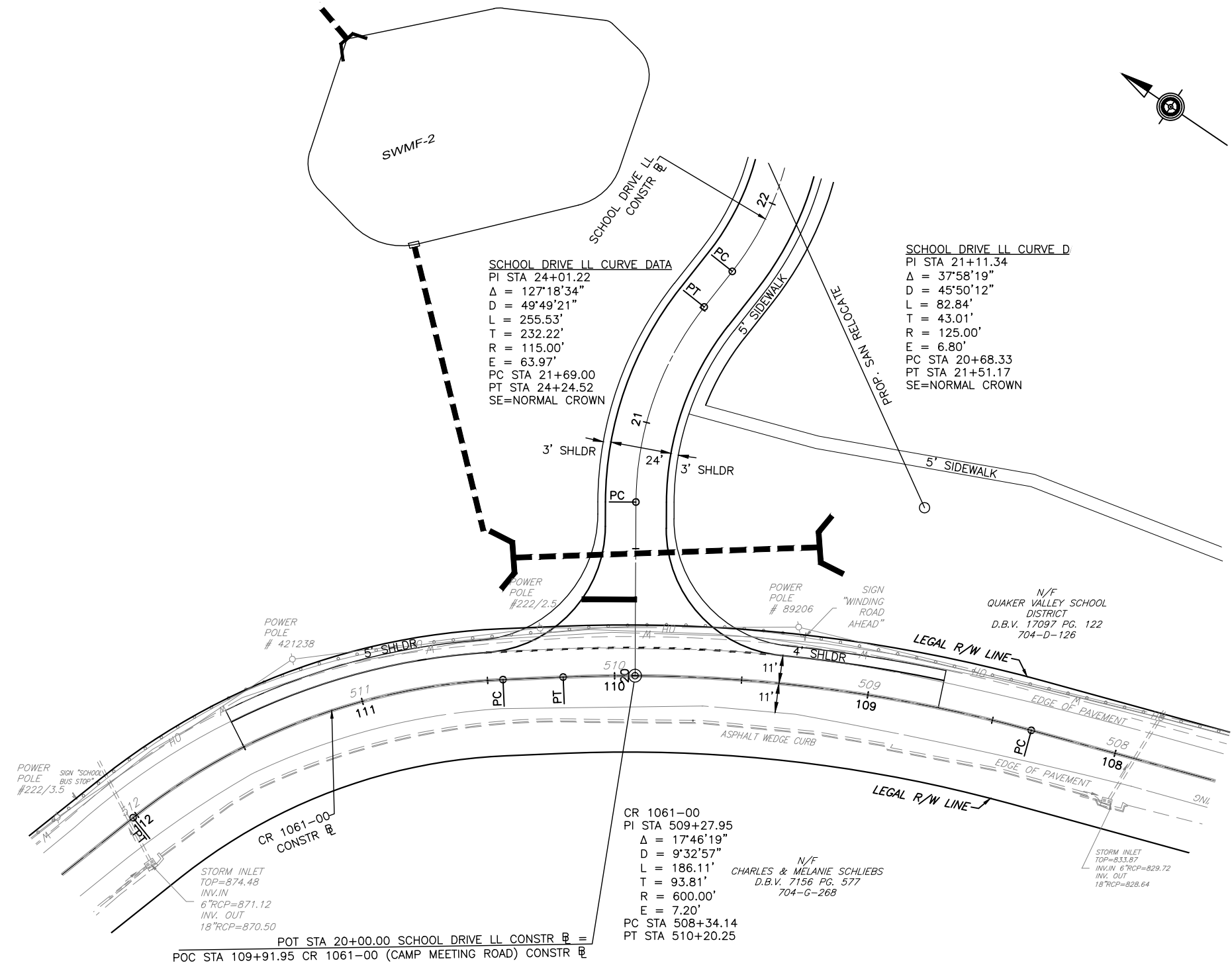


FOR PROFILE SEE SHEET 8

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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
11-0	ALLEGHENY	-	-	4 OF 8
LEET TOWNSHIP				
REV NO.	REVISIONS		DATE	BY



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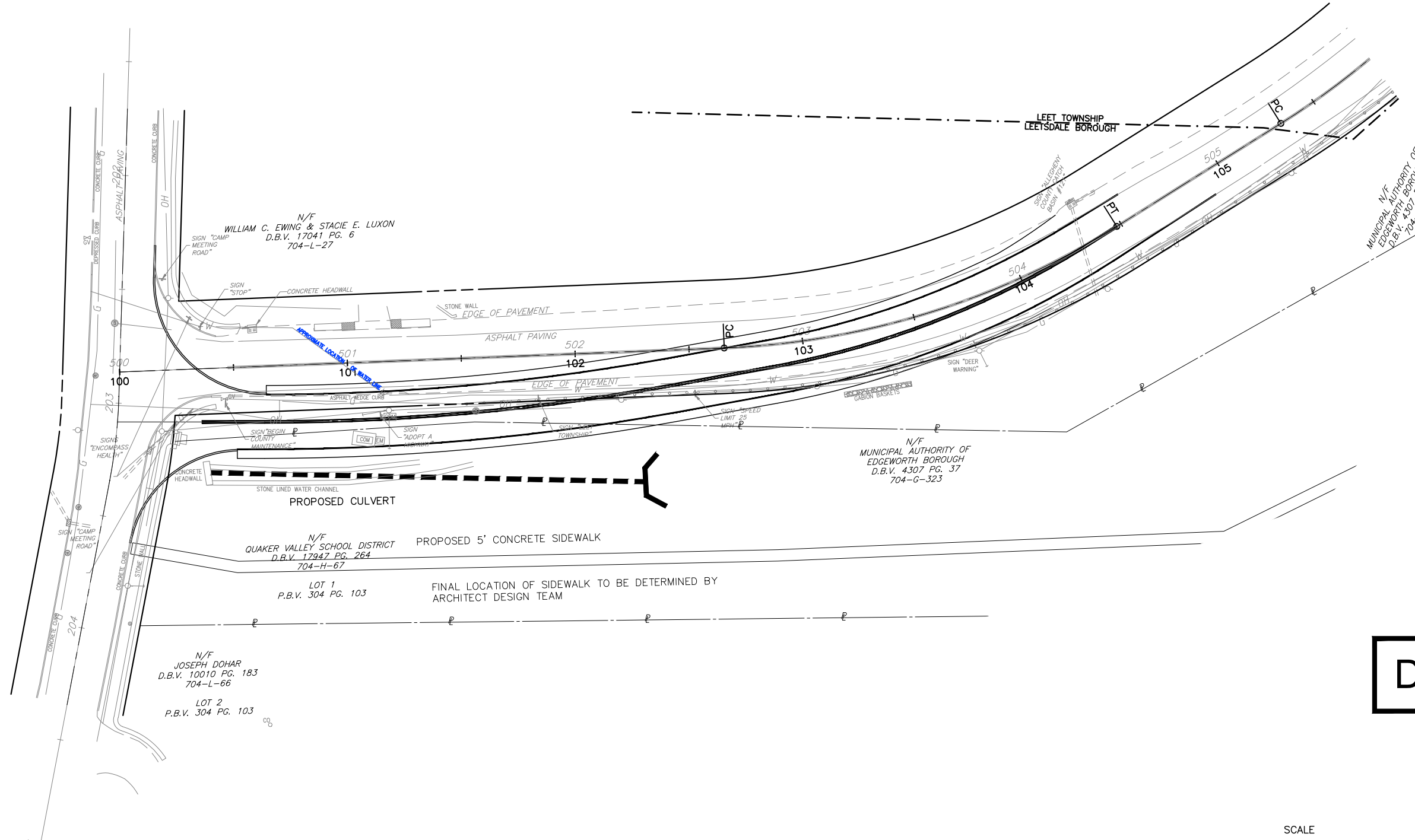


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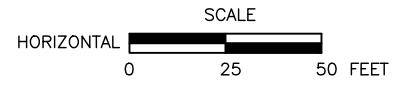


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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
11-0	ALLEGHENY	-	-	5 OF 8
LEET TOWNSHIP				
REV. NO.	REVISIONS	DATE	BY	



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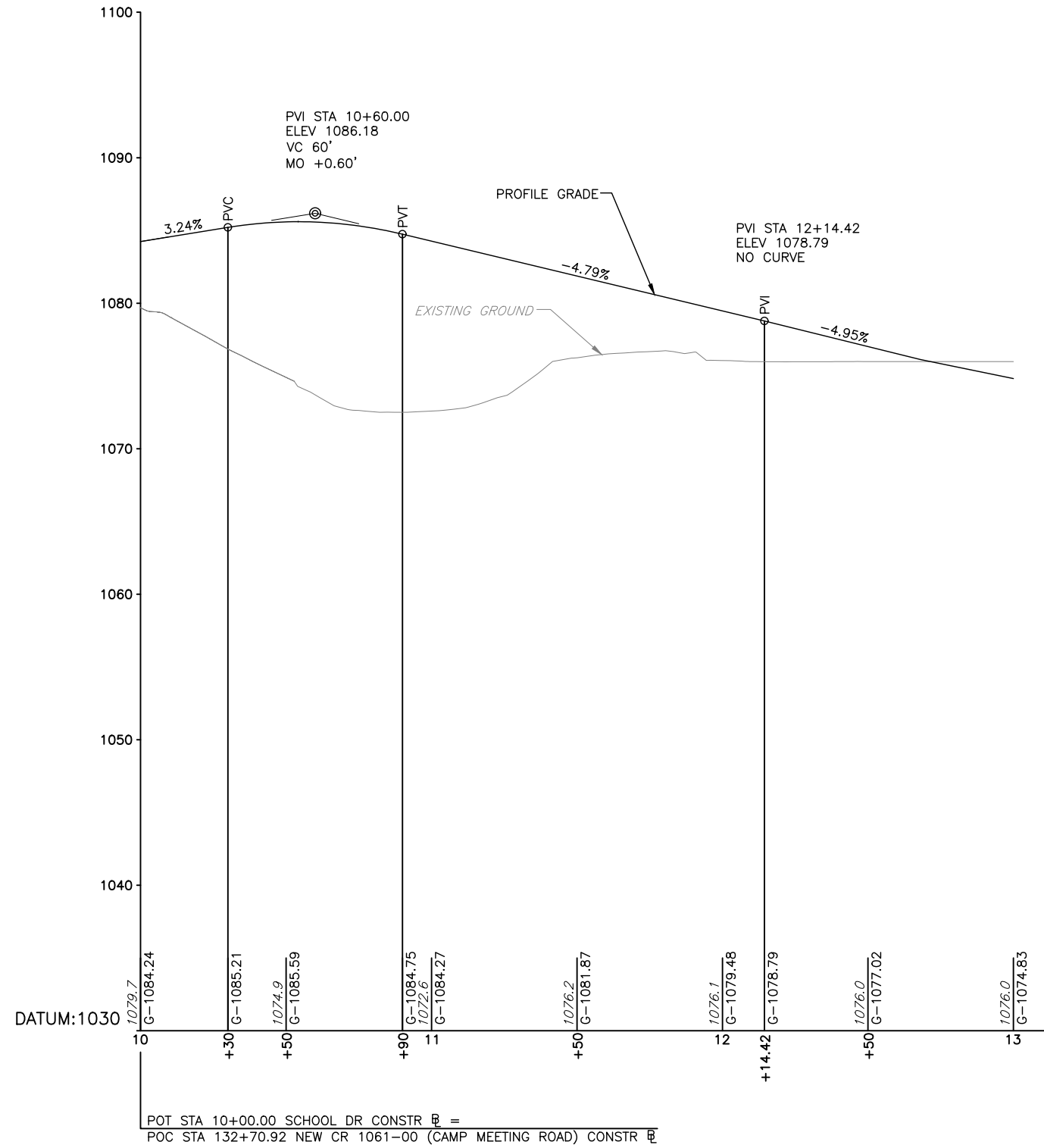


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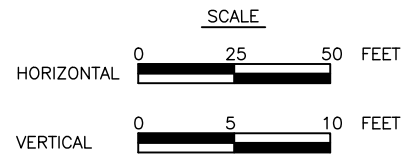
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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
11-0	ALLEGHENY	CR 1061-00	-	6 OF 8
LEET TOWNSHIP AND LEETSDALE BOROUGH				
REV NO.	REVISIONS			DATE BY



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SCHOOL DRIVE PROFILE

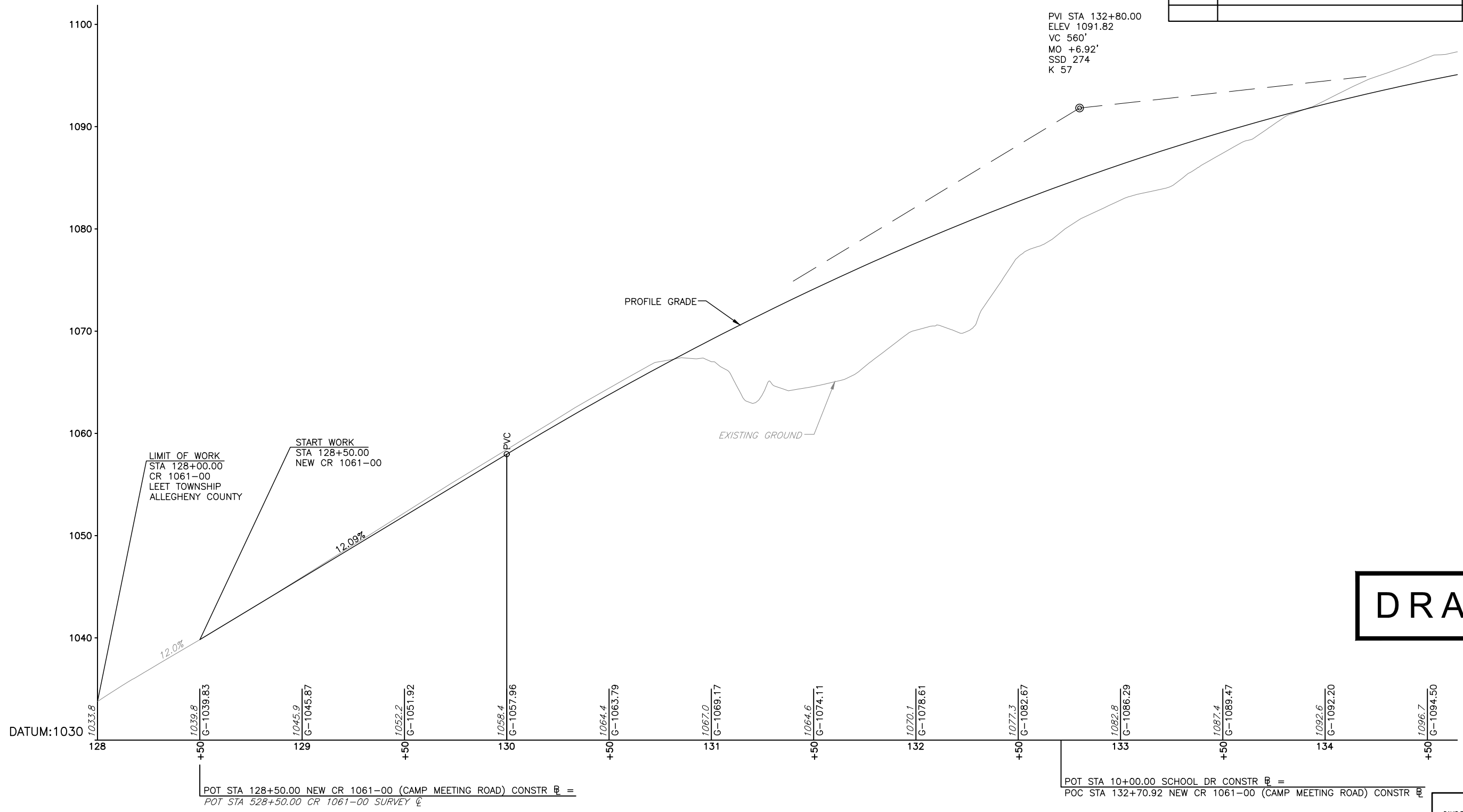
DES:      DWG:      CKD:

FOR PLAN SEE SHEET 2

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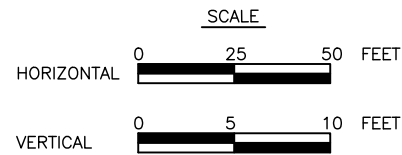
**JERROD C. CROSBY**  
REGISTERED PROFESSIONAL ENGINEER  
PE-061713  
PENNSYLVANIA

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
11-0	ALLEGHENY	CR 1061-00	-	7 OF 8
LEET TOWNSHIP AND LEETSDALE BOROUGH				
REV NO.	REVISIONS			DATE BY



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**NEW CR 1061-00 (CAMP MEETING ROAD) PROFILE**

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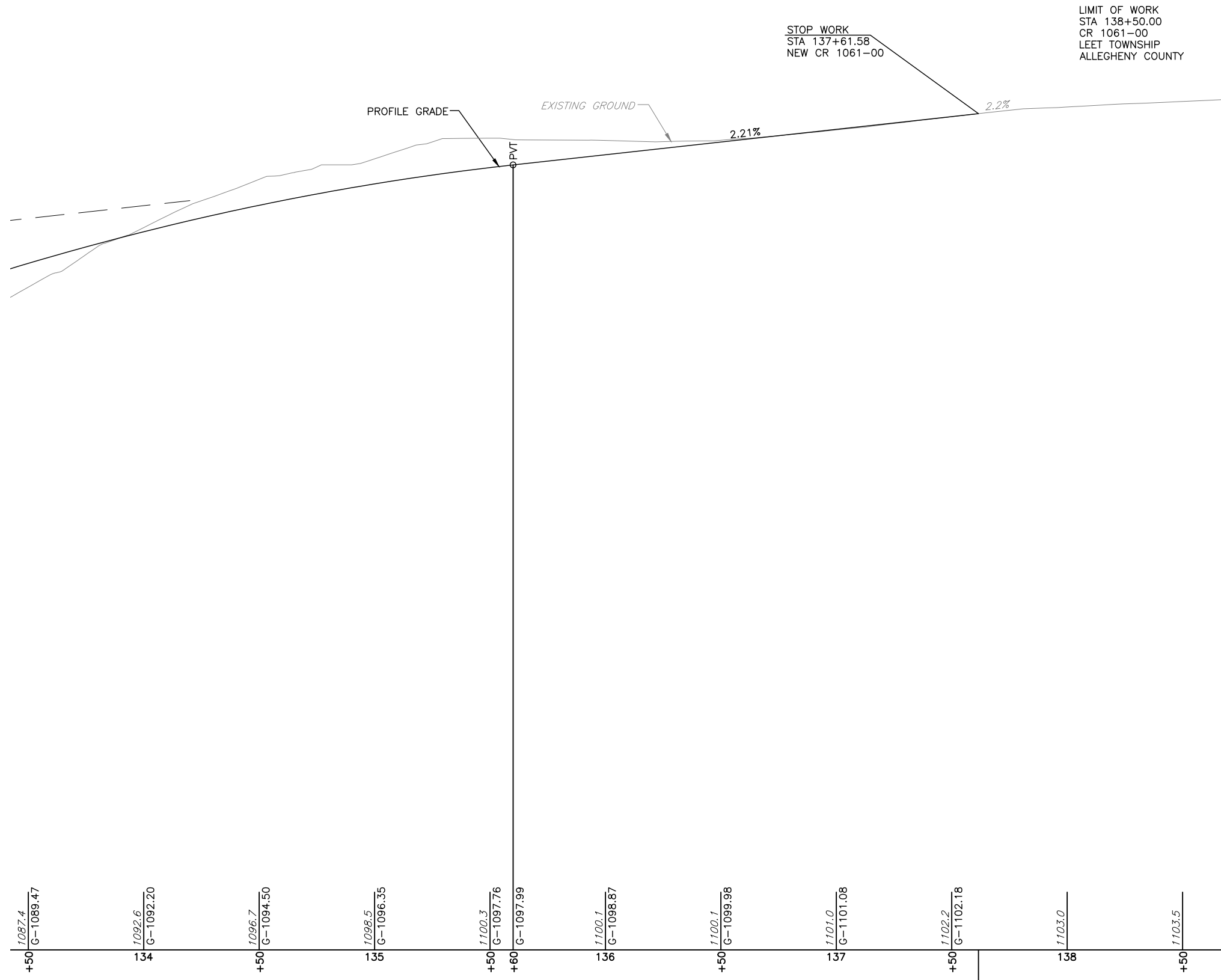
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**JERROD C. CROSBY**  
REGISTERED PROFESSIONAL ENGINEER  
PE-061713  
PENNSYLVANIA

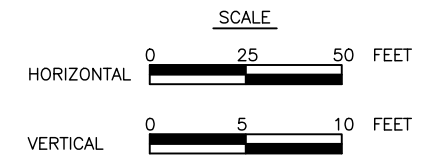
SEE SHEET 8 OF 8

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
11-0	ALLEGHENY	CR 1061-00	-	8 OF 8
LEET TOWNSHIP AND LEETSDALE BOROUGH				
REV NO.	REVISIONS		DATE	BY



SEE SHEET 7 OF 8

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JERROD C. CROSBY  
ENGINEER  
PE-061713

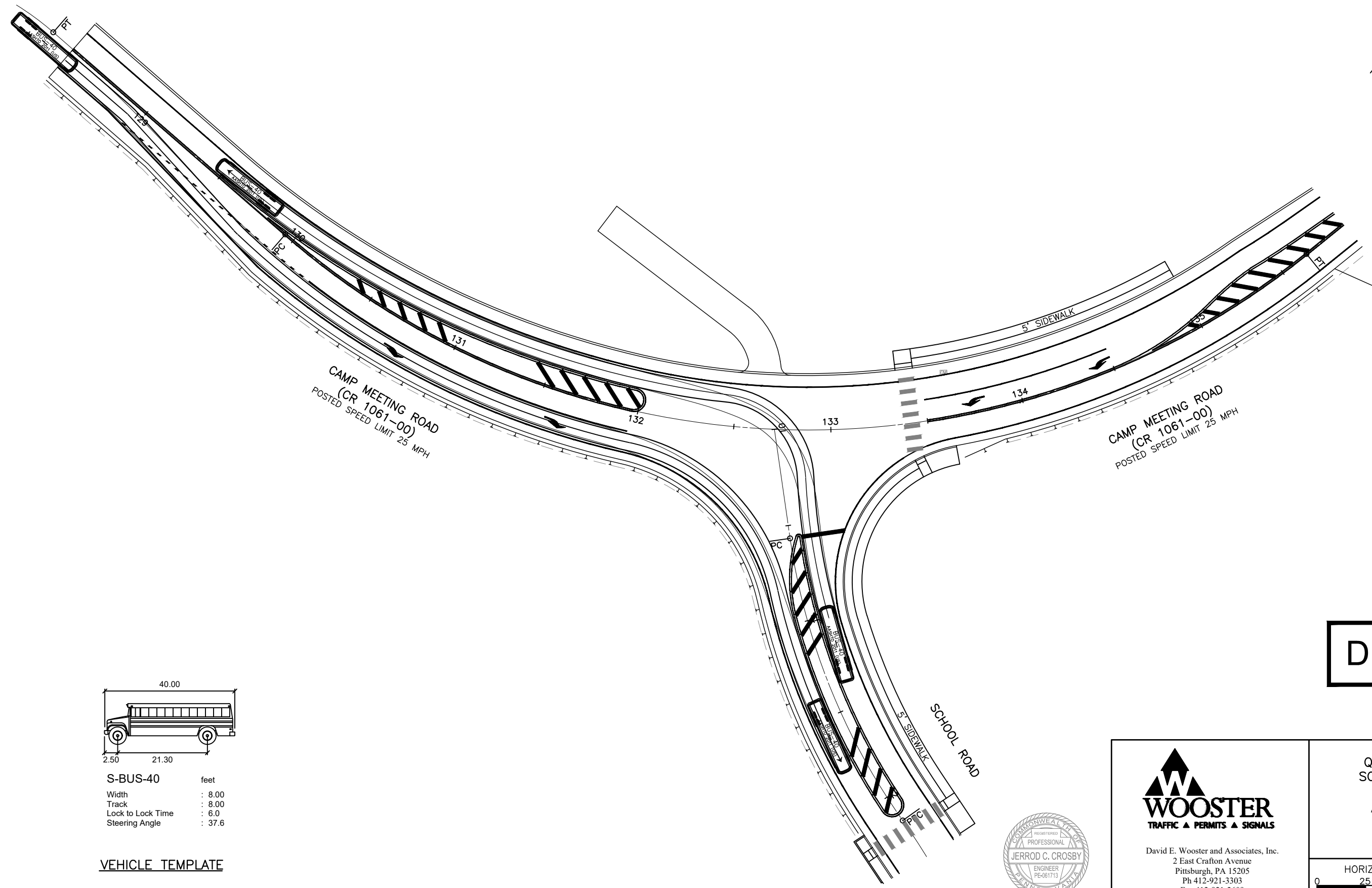
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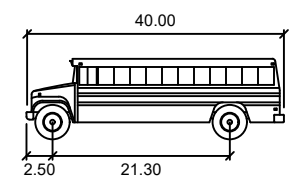
**NEW CR 1061-00 (CAMP MEETING ROAD) PROFILE**

FOR PLAN SEE SHEET 3

POT STA 137+61.58 NEW CR 1061-00 (CAMP MEETING ROAD) CONSTR  $\mathbb{R}$  =  
POT STA 537+22.89 CR 1061-00 SURVEY  $\mathbb{L}$



**DRAFT**



S-BUS-40                      feet

Width                         : 8.00

Track                         : 8.00

Lock to Lock Time         : 6.0

Steering Angle             : 37.6

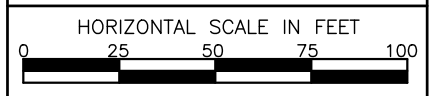
VEHICLE TEMPLATE



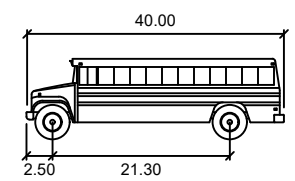
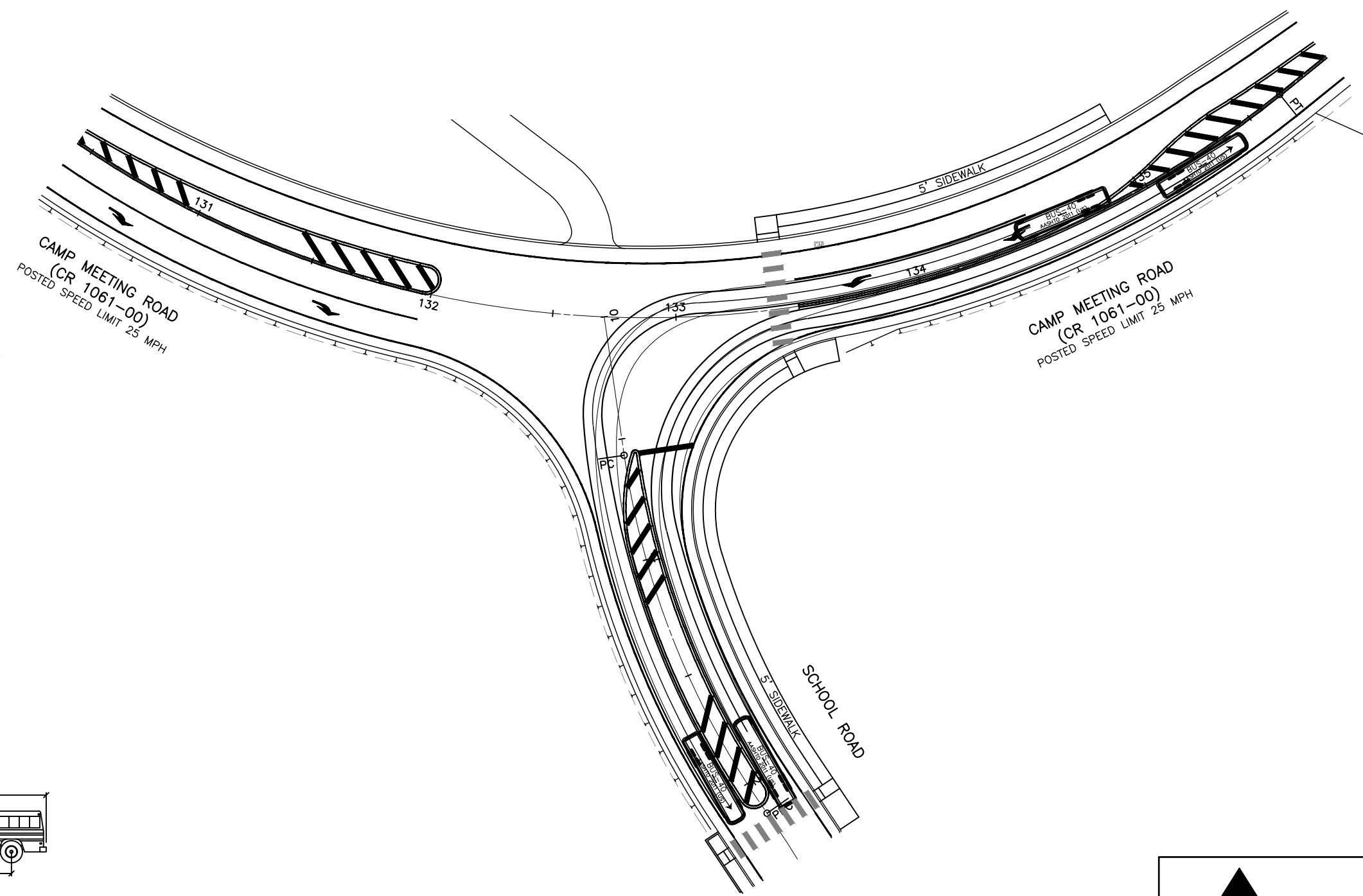
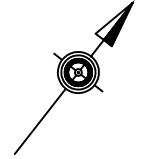
David E. Wooster and Associates, Inc.  
 2 East Craffon Avenue  
 Pittsburgh, PA 15205  
 Ph 412-921-3303  
 Fax 412-921-2609  
 www.dewooster.com

TURNING TEMPLATES  
 QUAKER VALLEY  
 SCHOOL DISTRICT  
 LEET TOWNSHIP  
 ALLEGHENY COUNTY

SHEET 1 OF 3



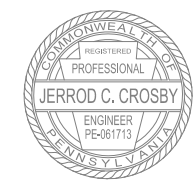




S-BUS-40	feet
Width	: 8.00
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 37.6

VEHICLE TEMPLATE

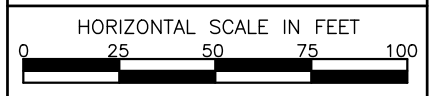
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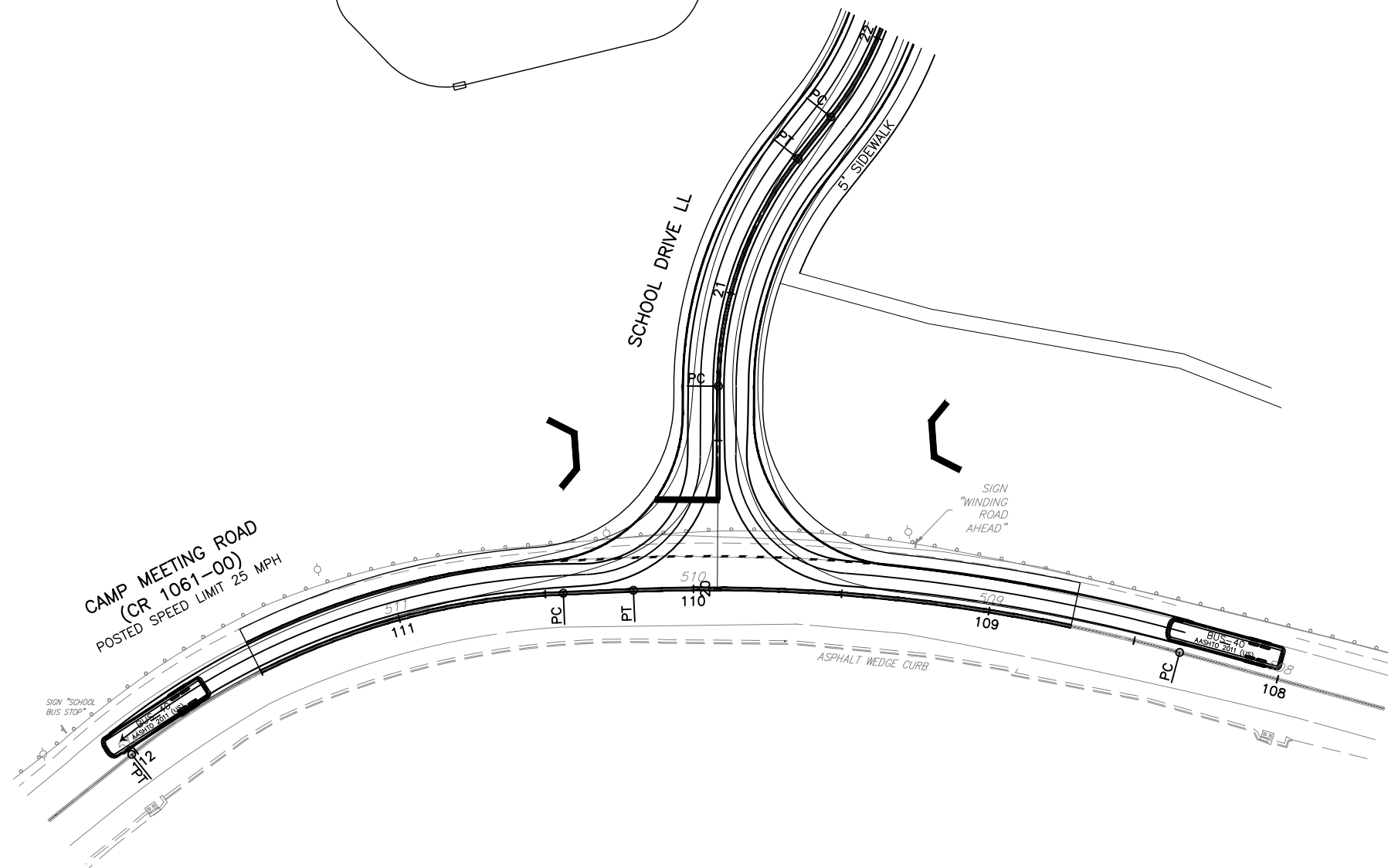
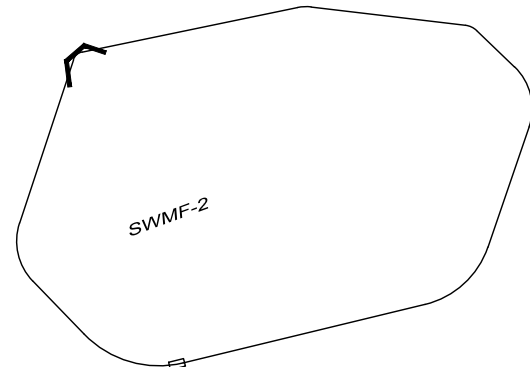


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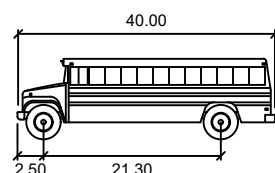
TURNING TEMPLATES  
 QUAKER VALLEY  
 SCHOOL DISTRICT  
 LEET TOWNSHIP  
 ALLEGHENY COUNTY

SHEET 2 OF 3





**DRAFT**



<b>S-BUS-40</b>	feet
Width	: 8.00
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 37.6

VEHICLE TEMPLATE

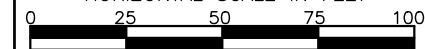


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 Ph 412-921-3303  
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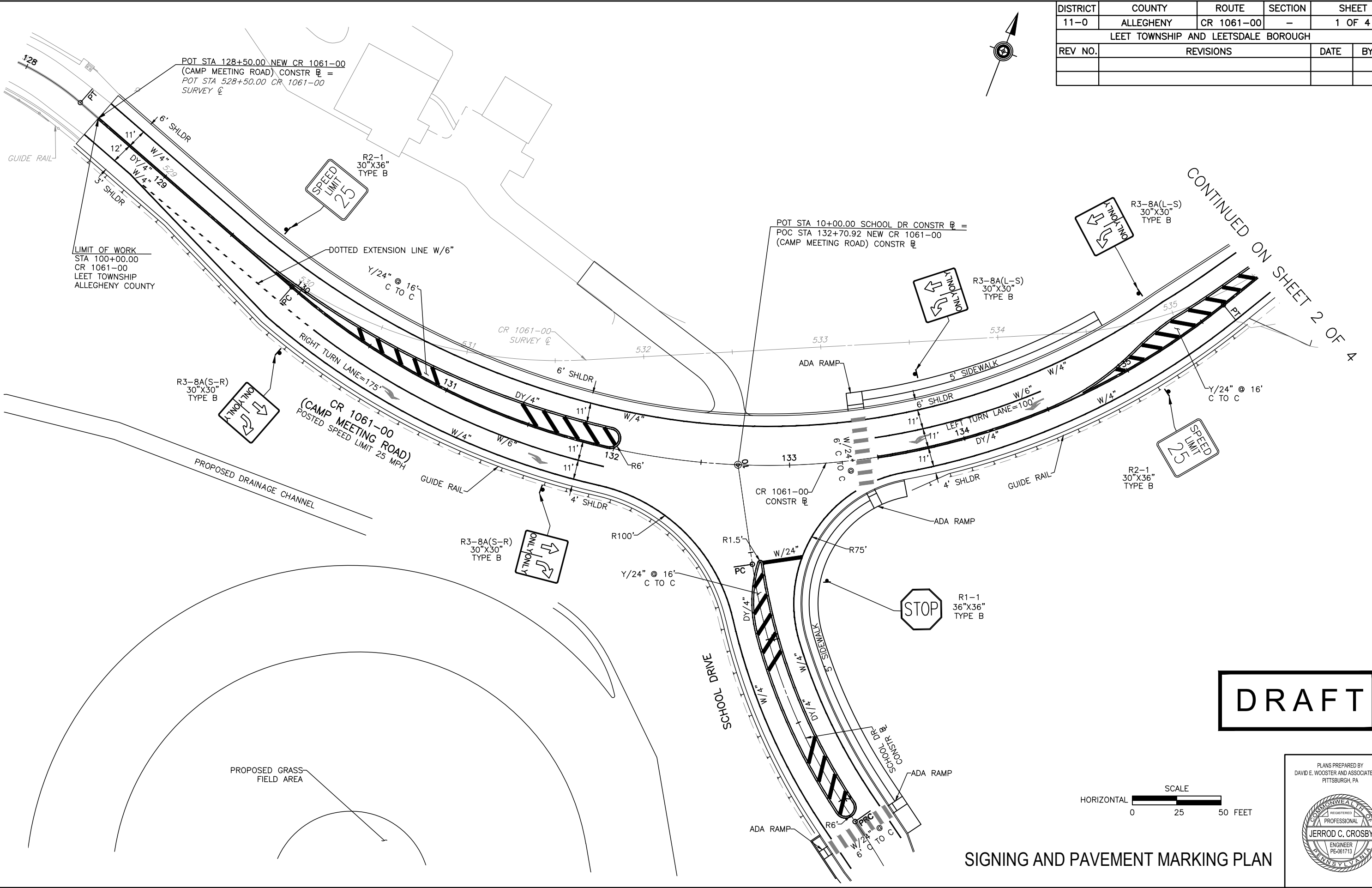
TURNING TEMPLATES  
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 SCHOOL DISTRICT  
 LEET TOWNSHIP  
 ALLEGHENY COUNTY

SHEET 3 OF 3

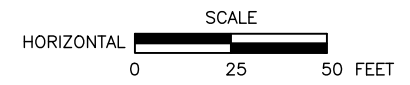
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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
11-0	ALLEGHENY	CR 1061-00	-	1 OF 4
LEET TOWNSHIP AND LEETSDALE BOROUGH				
REV NO.	REVISIONS		DATE	BY

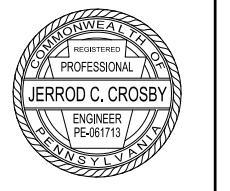


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SIGNING AND PAVEMENT MARKING PLAN

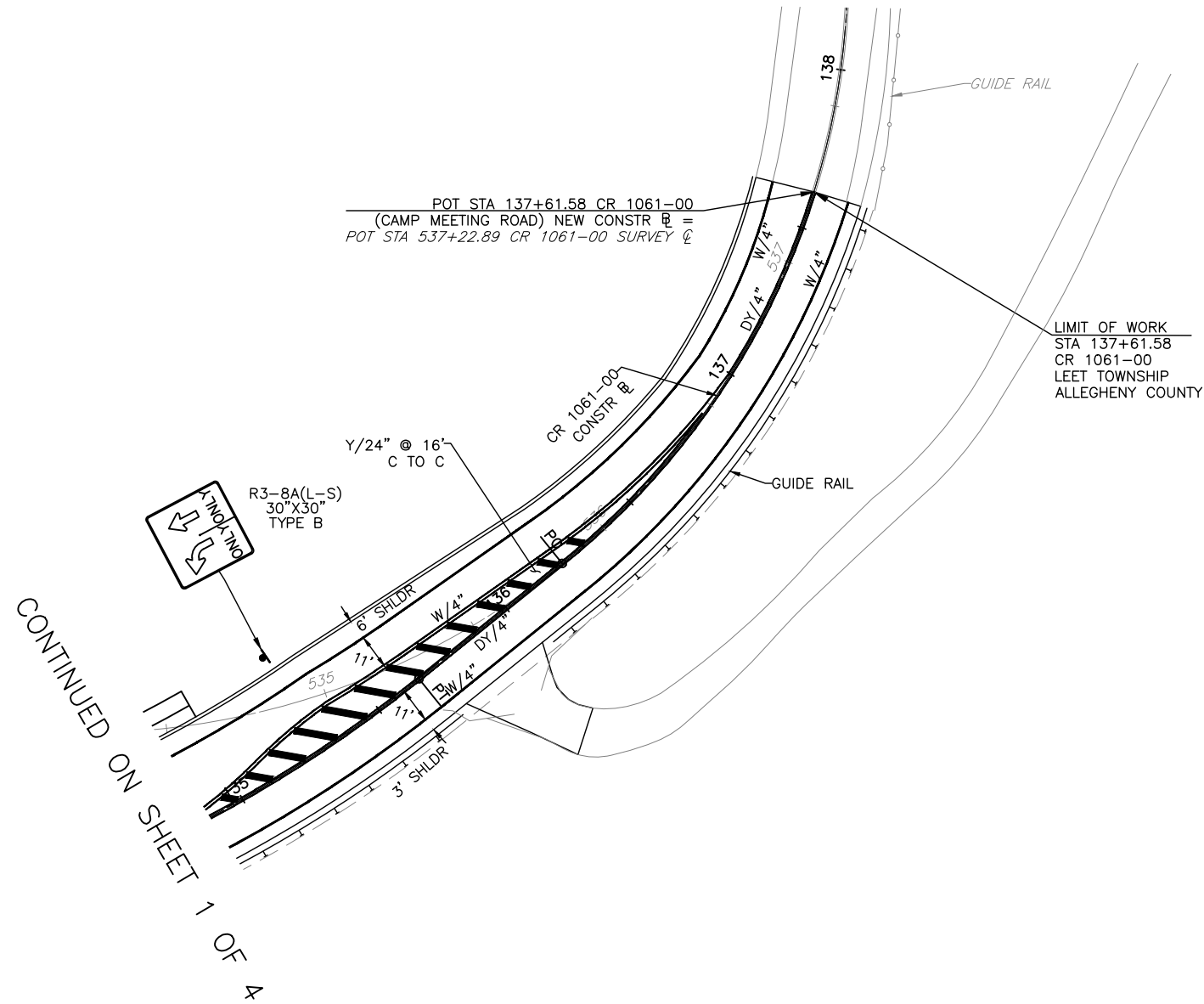
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CONTINUED ON SHEET 2 OF 4

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
11-0	ALLEGHENY	CR 1061-00	-	2 OF 4
LEET TOWNSHIP AND LEETSDALE BOROUGH				
REV NO.	REVISIONS		DATE	BY



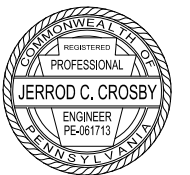
CONTINUED ON SHEET 1 OF 4

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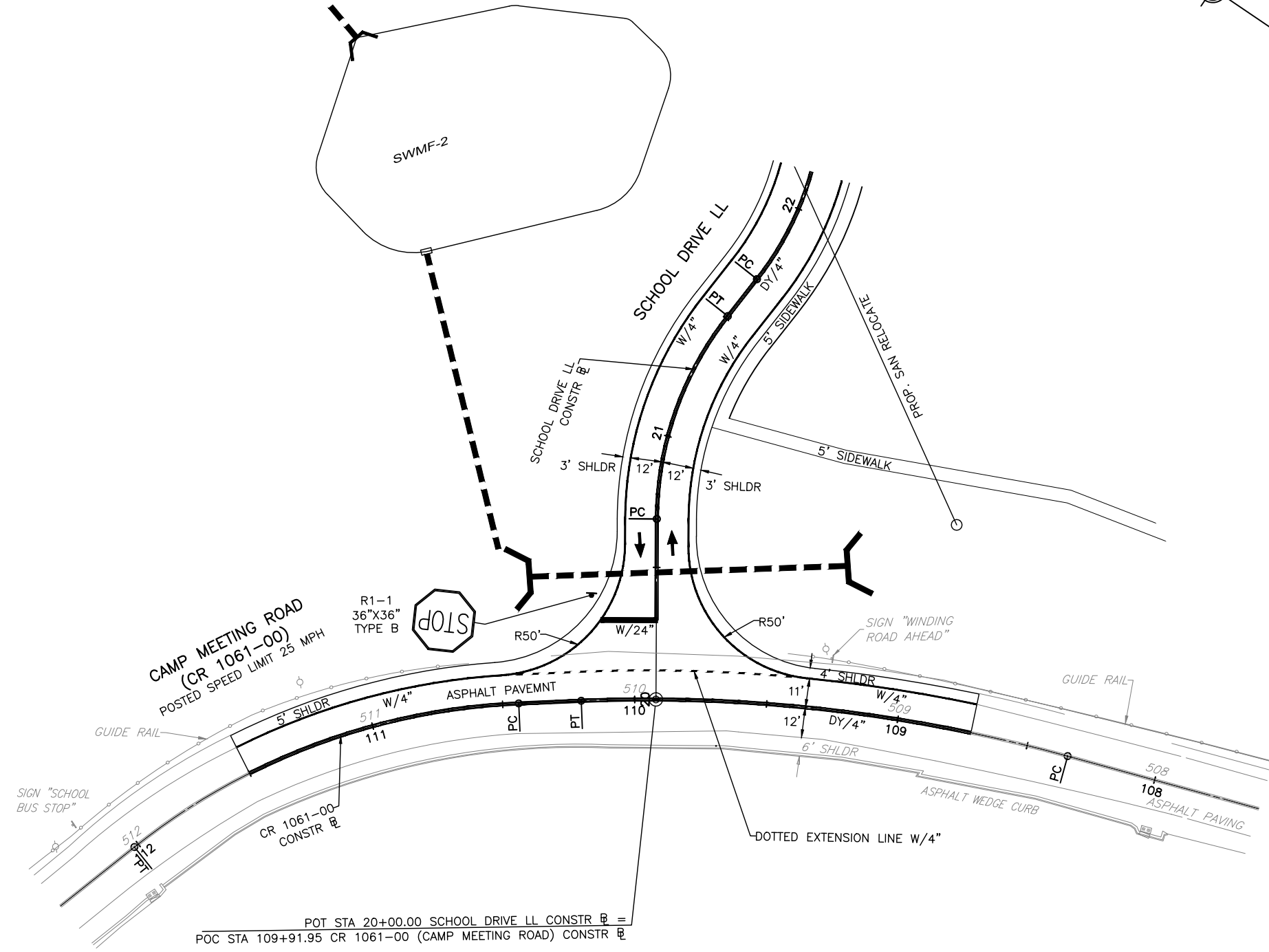
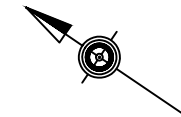


SIGNING AND PAVEMENT MARKING PLAN

PLANS PREPARED BY  
DAVID E. WOOSTER AND ASSOCIATES, LLC  
PITTSBURGH, PA



DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
11-0	ALLEGHENY	CR 1061-00	-	3 OF 4	
LEET TOWNSHIP AND LEETSDALE BOROUGH					
REV NO.	REVISIONS			DATE	BY



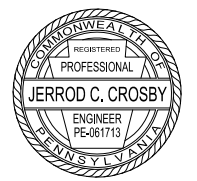
POT STA 20+00.00 SCHOOL DRIVE LL CONSTR B =  
 POC STA 109+91.95 CR 1061-00 (CAMP MEETING ROAD) CONSTR B



DRAFT

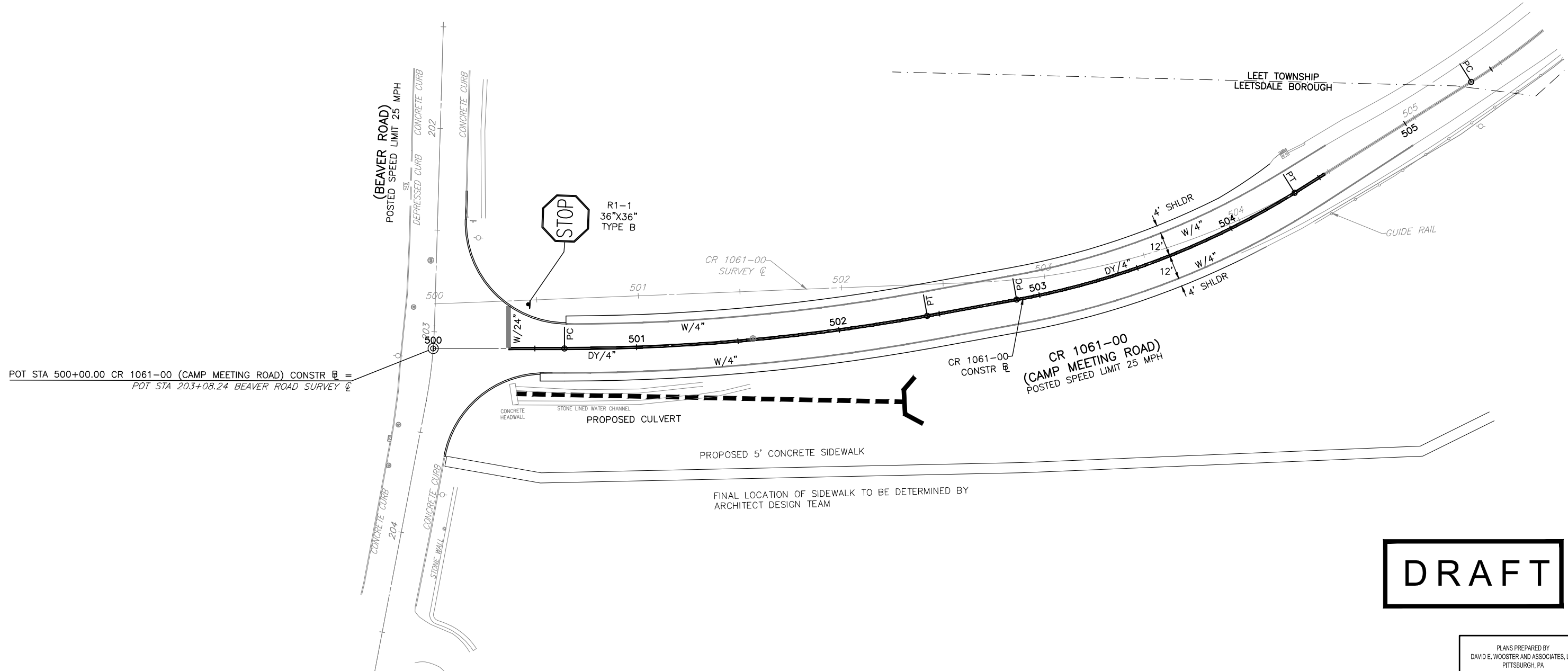
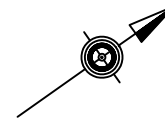
SIGNING AND PAVEMENT MARKING PLAN

PLANS PREPARED BY  
 DAVID E. WOOSTER AND ASSOCIATES, LLC  
 PITTSBURGH, PA

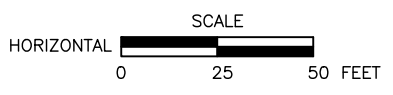


4360-PAVEMENT MARKING PLAN.dwg Oct 31, 2023 - 4:40pm ©David E. Wooster and Associates, Inc. 2021

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
11-0	ALLEGHENY	CR 1061-00	-	4 OF 4
LEET TOWNSHIP AND LEETSDALE BOROUGH				
REV NO.	REVISIONS			DATE BY



DRAFT

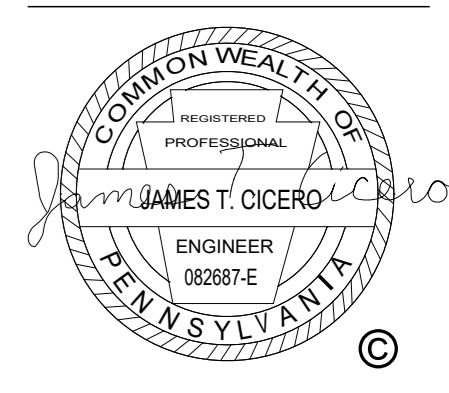
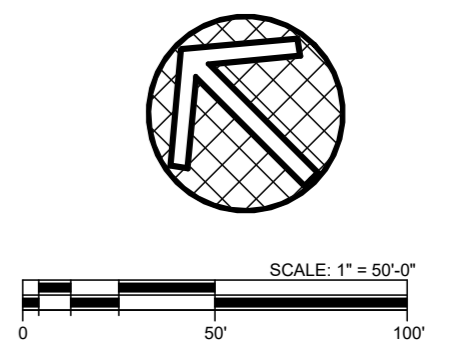
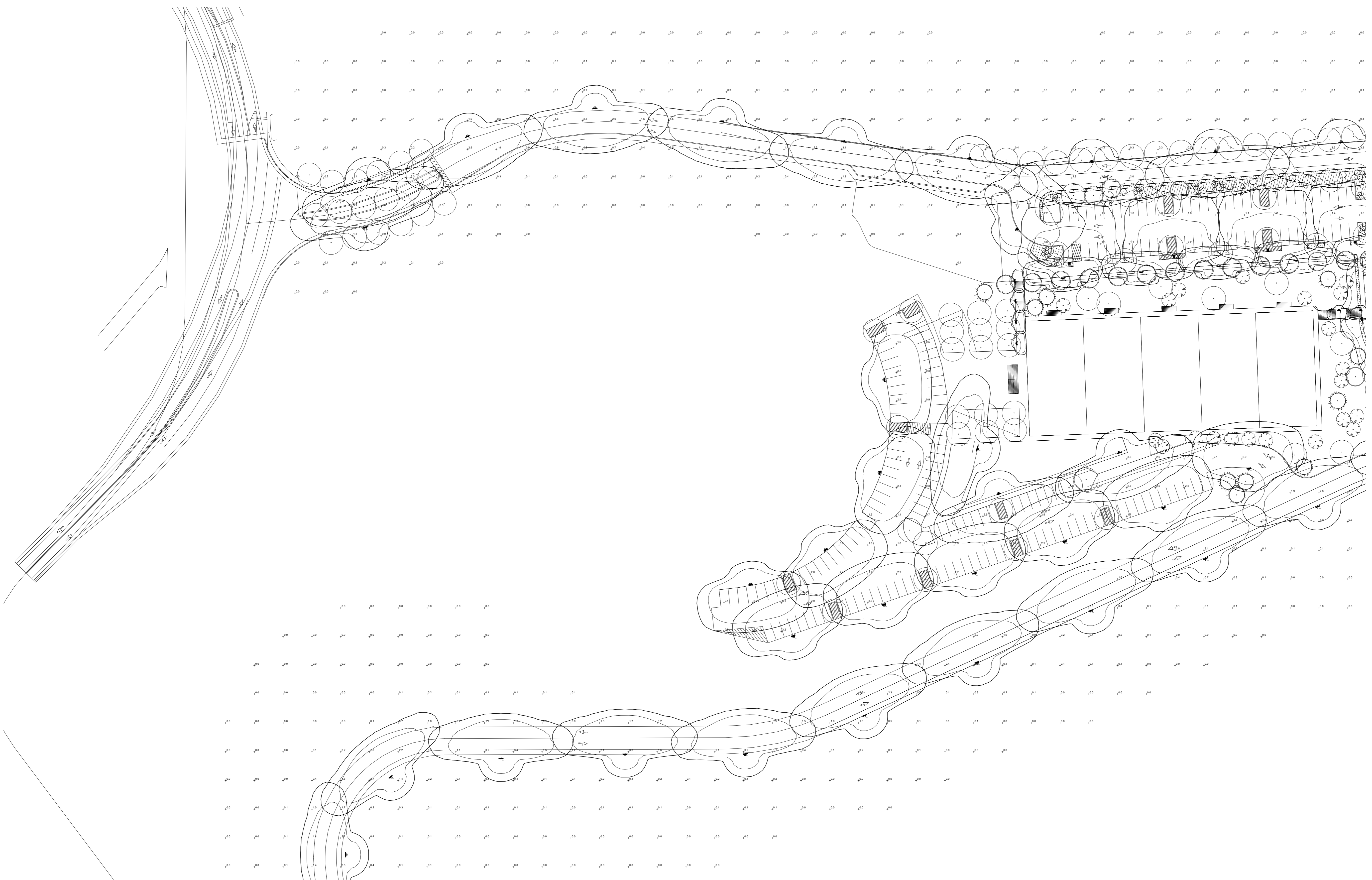


SIGNING AND PAVEMENT MARKING PLAN

PLANS PREPARED BY  
DAVID E. WOOSTER AND ASSOCIATES, LLC  
PITTSBURGH, PA



4360-PAVEMENT MARKING PLAN.dwg Oct 31, 2023 - 4:40pm ©David E. Wooster and Associates, Inc. 2021



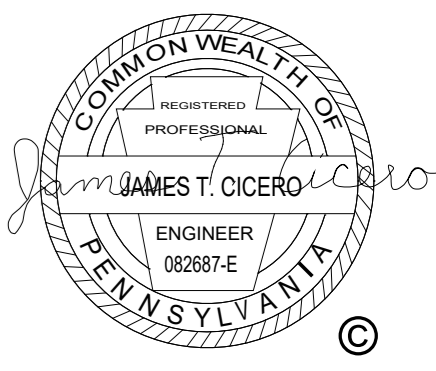
**QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056**

NOT FOR CONSTRUCTION

Commission	21017
Drawn	Checked
JS	HLT
Sheet Title	
ELECTRICAL SITE PLAN PHOTOMETRICS AREA 1	

Revisions #	Description	Revision Date

Cad Number  
Date  
OCTOBER 19, 2023



# Bohlin Cywinski Jackson

Pittsburgh Office  
611 William Penn Pl #1300, Pittsburgh, PA 15219



3135 Euclid Ave.  
Cleveland, OH 44115  
216-391-3700 | karpinskieng.com

# QUAKER VALLEY SCHOOL DISTRICT NEW QUAKER VALLEY HIGH SCHOOL LEETSDALE, PA 15056

NOT FOR CONSTRUCTION

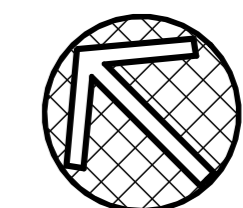
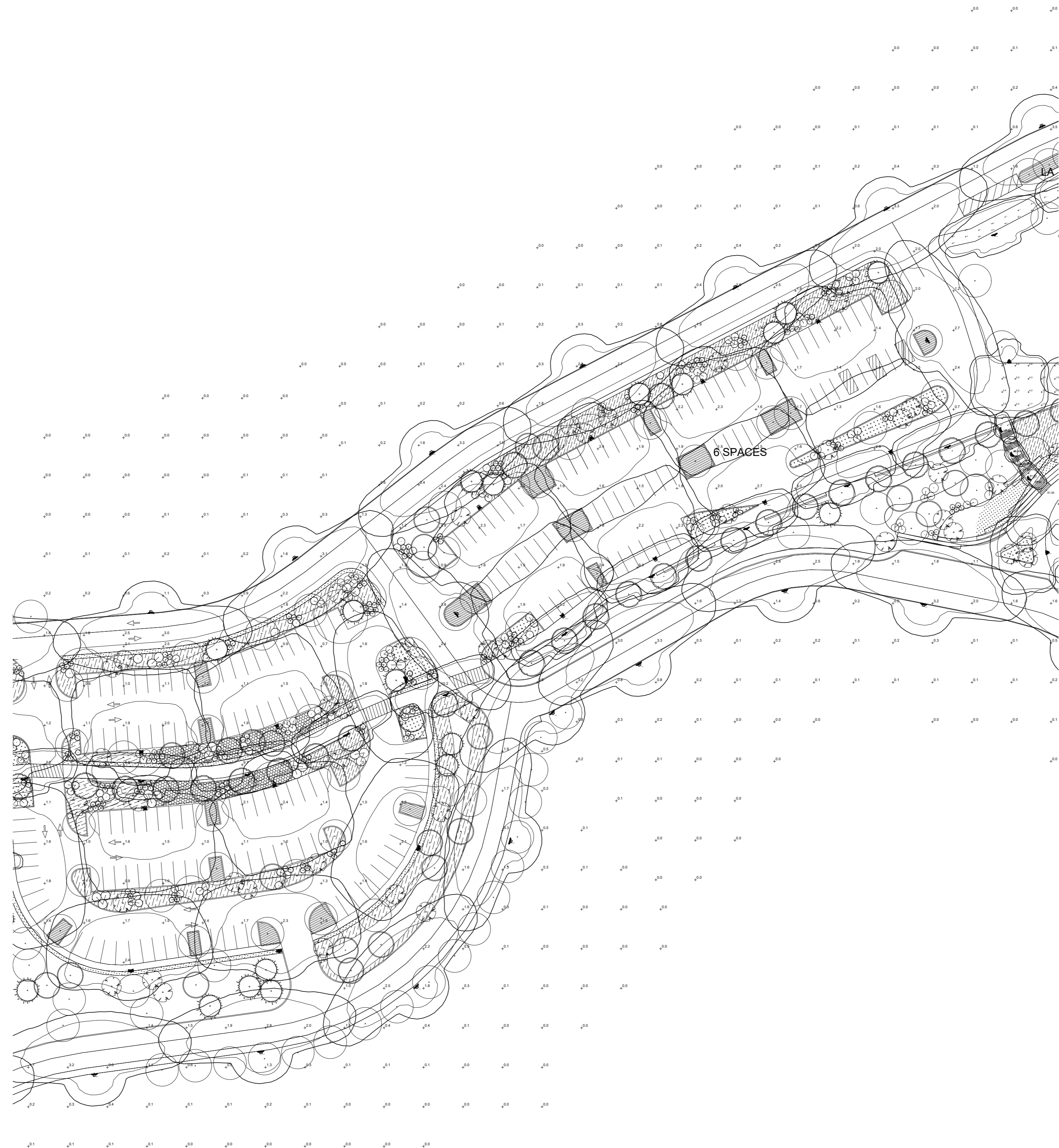
Commission	21017
Drawn	Checked
JS	HLT

Sheet Title  
**ELECTRICAL SITE  
PLAN PHOTOMETRICS  
AREA 2**

Revisions #	Description	Revision Date

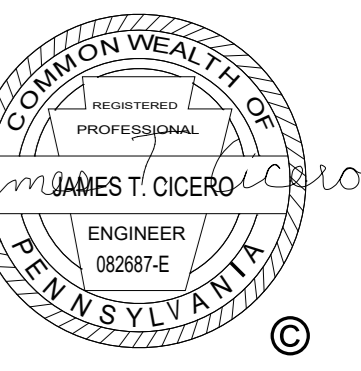
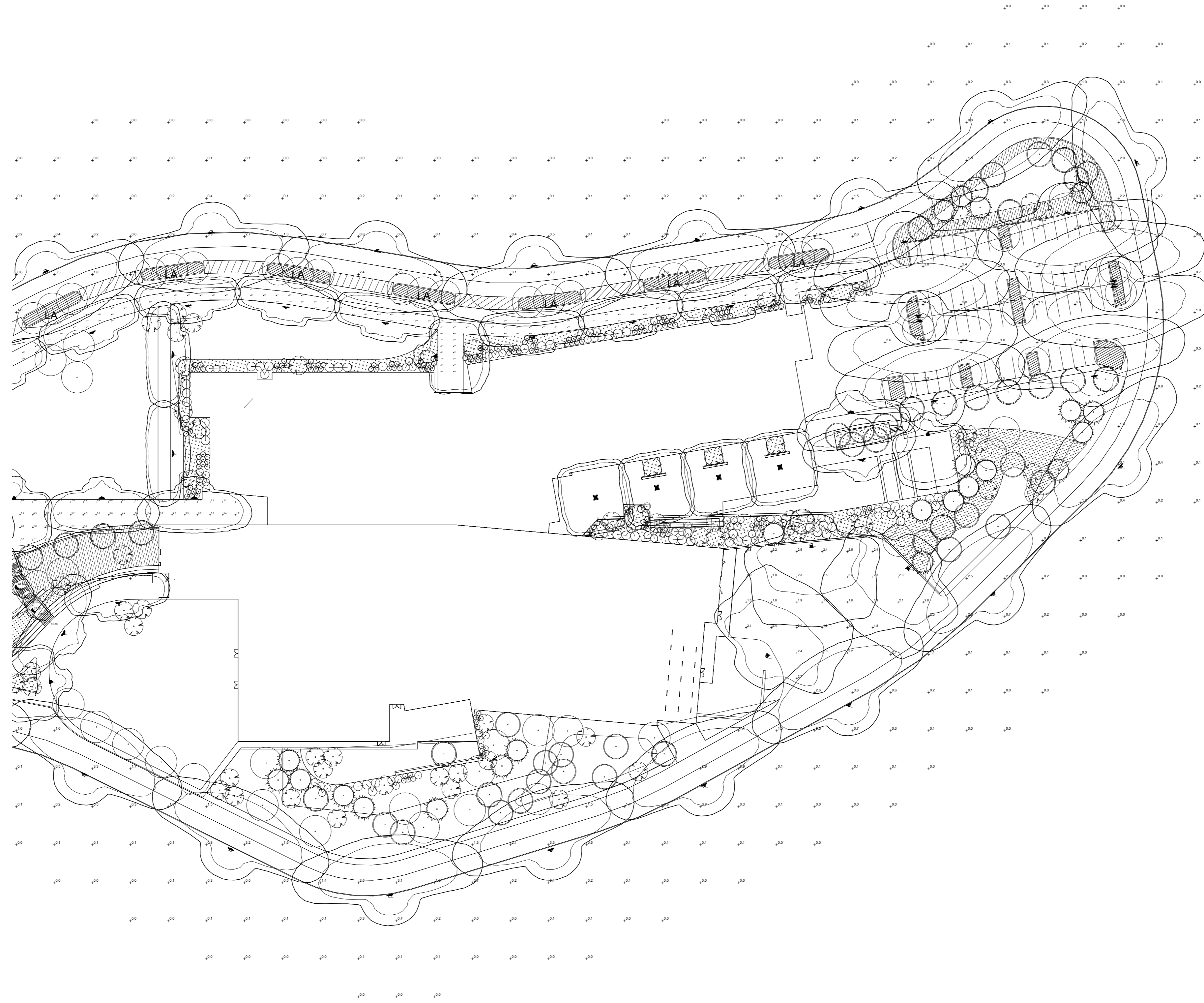
Cad Number  
Date  
OCTOBER 19, 2023

ES011.s2



SCALE: 1" = 50'-0"





**Bohlin  
Cywinski  
Jackson**

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**QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056**

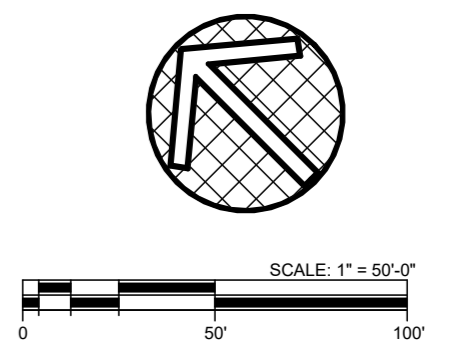
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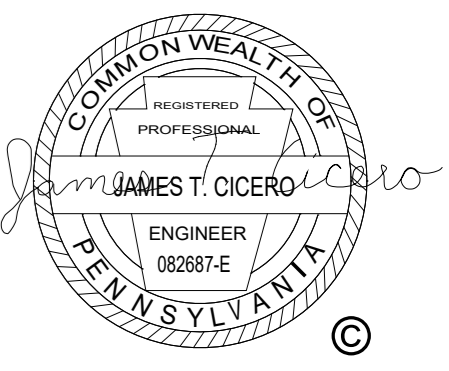
Commission	21017
Drawn	Checked
JS	HLT
Sheet Title	
ELECTRICAL SITE PLAN PHOTOMETRICS AREA 3	

Revisions #	Description	Revision Date

Cad Number  
Date  
OCTOBER 19, 2023

ES011.s3





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# QUAKER VALLEY SCHOOL DISTRICT NEW QUAKER VALLEY HIGH SCHOOL LEETSDALE, PA 15056

NOT FOR CONSTRUCTION

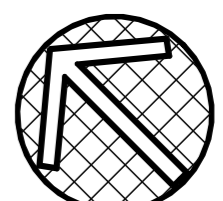
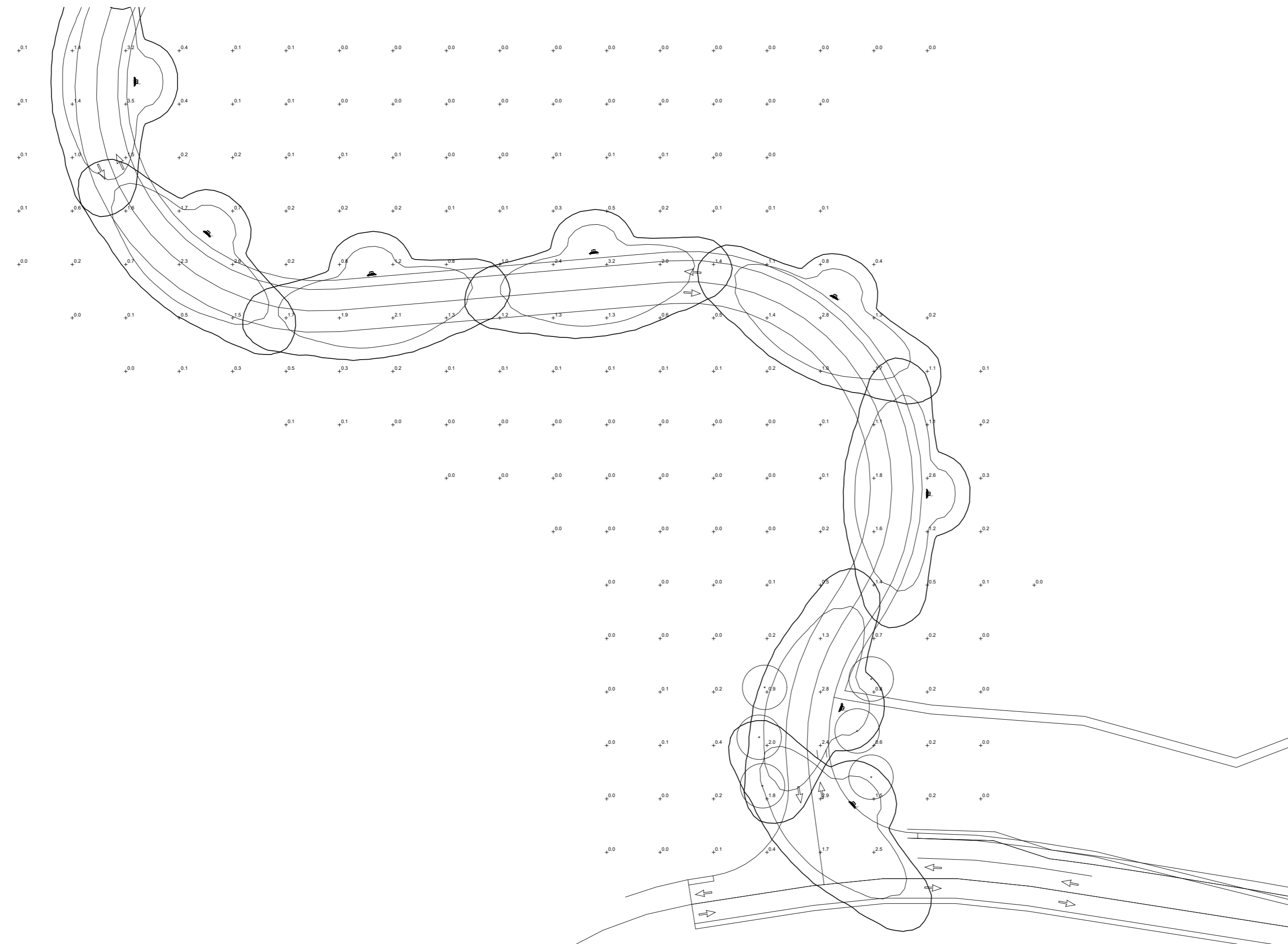
Commission	21017
Drawn	Checked
JS	HLT

Sheet Title  
**ELECTRICAL SITE  
PLAN PHOTOMETRICS  
AREA 4**

Revisions #	Description	Revision Date

Cad Number  
Date  
OCTOBER 19, 2023

ES011.s4



SCALE: 1" = 50'-0"

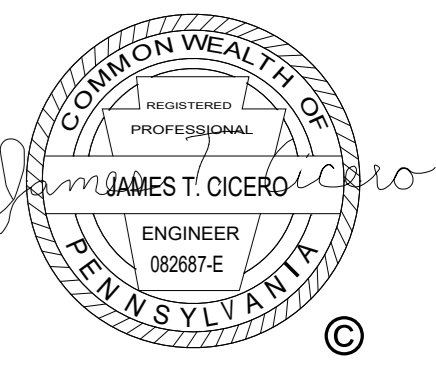
LUMINAIRE SCHEDULE - LED - SITE												
SYMBOL	TYPE	MOUNTING	LUMENS	CCT	CRI	DRIVER(S)		WATTAGE	VOLTAGE	LUMINAIRE DESCRIPTION	ACCEPTABLE MANUFACTURERS	NOTES
						TYPE	QTY					
	SB3	BOLLARD	1075	4000	70	0-10V	1	11 W	277 V	6" ROUND BASE WITH 9" ROUND CAP. 42" HIGH BOLLARD WITH ALUMINUM HOUSING. TYPE III DISTRIBUTION AND INTEGRAL PHOTOCELL, MOTION SENSOR WITH DIMMING. CONFIRM FINISH WITH ARCHITECT.	MCGRAW EDISON BRT6	
	SLP2	POLE	13730	4000	70	0-10V	1	93 W	UNIV	21-5/8"x21-3/4"x3-15/16" DEEP LUMINAIRE WITH ALUMINUM HOUSING, 7" ARM, TYPE II DISTRIBUTION, SPILL LIGHT OPTICAL CONTROL, 600mA, INTEGRAL PHOTOCELL, MOTION SENSOR WITH DIMMING, AND BRONZE FINISH. POLE SHALL BE 25' IN HEIGHT, ROUND TAPERED ALUMINUM WITH MATCHING FINISH. LUMINAIRE AVAILABLE WITH INTEGRAL PHOTOCELL, AND INTEGRAL DIMMING FOR ASHRAE COMPLIANCE.	MC-GRAW EDISON GALN POLE: MC-GRAW EDISON RTA, HAPCO, OR EQUIVALENT LITHONIA DSX2.LED BEACON VPL [NOT LEED] [OR KIM LTG ALTITUDE] GARDCO PUREFORM CURRENT EALS.03	
	SLP3	POLE	13538	4000	70	0-10V	1	93 W	UNIV	21-5/8"x21-3/4"x3-15/16" DEEP LUMINAIRE WITH ALUMINUM HOUSING, 7" ARM, TYPE III DISTRIBUTION, SPILL LIGHT OPTICAL CONTROL, 600mA, INTEGRAL PHOTOCELL, MOTION SENSOR WITH DIMMING, AND BRONZE FINISH. POLE SHALL BE 25' IN HEIGHT, ROUND TAPERED ALUMINUM WITH MATCHING FINISH. LUMINAIRE AVAILABLE WITH INTEGRAL PHOTOCELL, AND INTEGRAL DIMMING FOR ASHRAE COMPLIANCE.	MC-GRAW EDISON GALN POLE: MC-GRAW EDISON RTA, HAPCO, OR EQUIVALENT LITHONIA DSX2.LED BEACON VPL [NOT LEED] [OR KIM LTG ALTITUDE] GARDCO PUREFORM CURRENT EALS.03	
	SLP4	POLE	13622	4000	70	0-10V	1	93 W	UNIV	21-5/8"x21-3/4"x3-15/16" DEEP LUMINAIRE WITH ALUMINUM HOUSING, 7" ARM, TYPE III DISTRIBUTION, SPILL LIGHT OPTICAL CONTROL, 600mA, INTEGRAL PHOTOCELL, MOTION SENSOR WITH DIMMING, AND BRONZE FINISH. POLE SHALL BE 25' IN HEIGHT, ROUND TAPERED ALUMINUM WITH MATCHING FINISH. LUMINAIRE AVAILABLE WITH INTEGRAL PHOTOCELL, AND INTEGRAL DIMMING FOR ASHRAE COMPLIANCE.	MC-GRAW EDISON GALN POLE: MC-GRAW EDISON RTA, HAPCO, OR EQUIVALENT LITHONIA DSX2.LED BEACON VPL [NOT LEED] [OR KIM LTG ALTITUDE] GARDCO PUREFORM CURRENT EALS.03	
	SLP4W	POLE	13622	4000	70	0-10V	1	93 W	UNIV	21-5/8"x21-3/4"x3-15/16" DEEP LUMINAIRE WITH ALUMINUM HOUSING, 7" ARM, TYPE IV WIDE DISTRIBUTION, SPILL LIGHT OPTICAL CONTROL, 600mA, INTEGRAL PHOTOCELL, MOTION SENSOR WITH DIMMING, AND BRONZE FINISH. POLE SHALL BE 25' IN HEIGHT, ROUND TAPERED ALUMINUM WITH MATCHING FINISH. LUMINAIRE AVAILABLE WITH INTEGRAL PHOTOCELL, AND INTEGRAL DIMMING FOR ASHRAE COMPLIANCE.	MC-GRAW EDISON GALN POLE: MC-GRAW EDISON RTA, HAPCO, OR EQUIVALENT LITHONIA DSX2.LED BEACON VPL [NOT LEED] [OR KIM LTG ALTITUDE] GARDCO PUREFORM CURRENT EALS.03	
	SPT2	POST TOP	9183	4000	70	0-10V	1	75 W	UNIV	20" DIAMETER, 24" HIGH POST TOP WITH ALUMINUM HOUSING, CLEAR LENS, TYPE II DISTRIBUTION AND INTEGRAL PHOTOCELL, MOTION SENSOR WITH DIMMING. CONFIRM FINISH WITH ARCHITECT. POLE SHALL BE 12' IN HEIGHT, ROUND TAPERED ALUMINUM WITH MATCHING FINISH	KIM LIGHTING OURO UR20	
	SPT3	POST TOP	9260	4000	70	0-10V	1	75 W	UNIV	20" DIAMETER, 24" HIGH POST TOP WITH ALUMINUM HOUSING, CLEAR LENS, TYPE III DISTRIBUTION AND INTEGRAL PHOTOCELL, MOTION SENSOR WITH DIMMING. CONFIRM FINISH WITH ARCHITECT. POLE SHALL BE 12' IN HEIGHT, ROUND TAPERED ALUMINUM WITH MATCHING FINISH	KIM LIGHTING OURO UR20	
	SPT4	POST TOP	9487	4000	70	0-10V	1	75 W	UNIV	20" DIAMETER, 24" HIGH POST TOP WITH ALUMINUM HOUSING, CLEAR LENS, TYPE IV DISTRIBUTION AND INTEGRAL PHOTOCELL, MOTION SENSOR WITH DIMMING. CONFIRM FINISH WITH ARCHITECT. POLE SHALL BE 12' IN HEIGHT, ROUND TAPERED ALUMINUM WITH MATCHING FINISH	KIM LIGHTING OURO UR20	
	SPT5	POST TOP	9820	4000	70	0-10V	1	75 W	UNIV	20" DIAMETER, 24" HIGH POST TOP WITH ALUMINUM HOUSING, CLEAR LENS, TYPE V SQUARE MEDIUM DISTRIBUTION AND INTEGRAL PHOTOCELL, MOTION SENSOR WITH DIMMING. CONFIRM FINISH WITH ARCHITECT. POLE SHALL BE 12' IN HEIGHT, ROUND TAPERED ALUMINUM WITH MATCHING FINISH	KIM LIGHTING OURO UR20	

**b s h m**

architects, inc.

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**QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056**

NOT FOR CONSTRUCTION

Commission 21017  
Drawn JS  
Checked HLT  
Sheet Title LUMINAIRE SCHEDULE - SITE

Revisions # Description Revision Date

Clad Number  
Date OCTOBER 19, 2023

ES002



QUAKER VALLEY SCHOOL DISTRICT NEW QUAKER VALLEY HIGH SCHOOL LEETSDALE, PA 15056

NOT FOR CONSTRUCTION Commission 21017 Drawn JS Checked HLT Sheet Title ELECTRICAL SITE PLAN - CUTSHEETS

Revisions # Description Revision Date

Commitment 21017

Drawn JS Checked HLT

Sheet Title ELECTRICAL SITE PLAN - CUTSHEETS

Commitment 21017

Date OCTOBER 19, 2023

Project Number ES004

ES004

McGraw-Edison BRT6 Bollard. Product Catalog # Type. Project Notes Date. Interactive Menu: Ordering Information, Product Specifications, Optical Distributions, Energy and Performance Data. Product Certifications: IFC, DFC, ENEC, IP66, IC10, BAA, IESNA, YVEA, RAA. Quick Facts: Lumen packages range from 3,300 - 73,500 lumens.

McGraw-Edison BRT6 Bollard. Energy and Performance Data. Asymmetric Power and Lumens. Symmetric Power and Lumens. Lumen Maintenance (LM-21). Optical Distributions. Product Specifications: Construction, Mounting, Maintenance, Electrical, Typical Applications, Warranty.

McGraw-Edison BRT6 Bollard. Energy and Performance Data. Asymmetric Power and Lumens. Symmetric Power and Lumens. Lumen Maintenance (LM-21). Optical Distributions. Product Specifications: Construction, Mounting, Maintenance, Electrical, Typical Applications, Warranty.

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McGraw-Edison BRT6 Bollard. Product Catalog # Type. Project Notes Date. Interactive Menu: Ordering Information, Product Specifications, Optical Distributions, Energy and Performance Data. Product Certifications: IFC, DFC, ENEC, IP66, IC10, BAA, IESNA, YVEA, RAA. Quick Facts: Lumen packages range from 560 - 4400 lumens.

McGraw-Edison GALN Galleon II. Energy and Performance Data. Asymmetric Power and Lumens. Symmetric Power and Lumens. Lumen Maintenance (LM-21). Optical Distributions. Product Specifications: Construction, Mounting, Maintenance, Electrical, Typical Applications, Warranty.

McGraw-Edison GALN Galleon II. Energy and Performance Data. Asymmetric Power and Lumens. Symmetric Power and Lumens. Lumen Maintenance (LM-21). Optical Distributions. Product Specifications: Construction, Mounting, Maintenance, Electrical, Typical Applications, Warranty.

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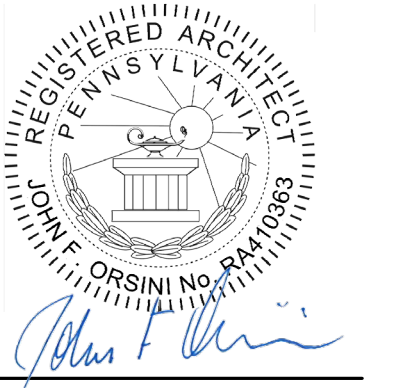
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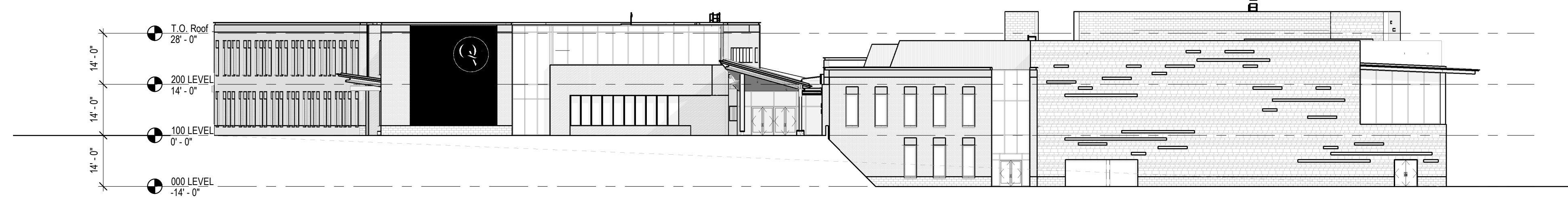
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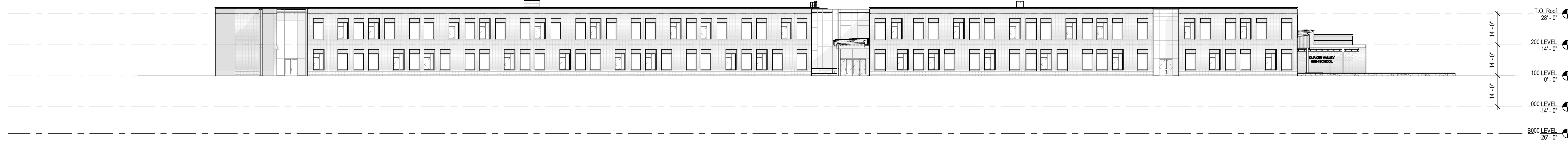
McGraw-Edison GALN Galleon II. Energy and Performance Data. Asymmetric Power and Lumens. Symmetric Power and Lumens. Lumen Maintenance (LM-21). Optical Distributions. Product Specifications: Construction, Mounting, Maintenance, Electrical, Typical Applications, Warranty.



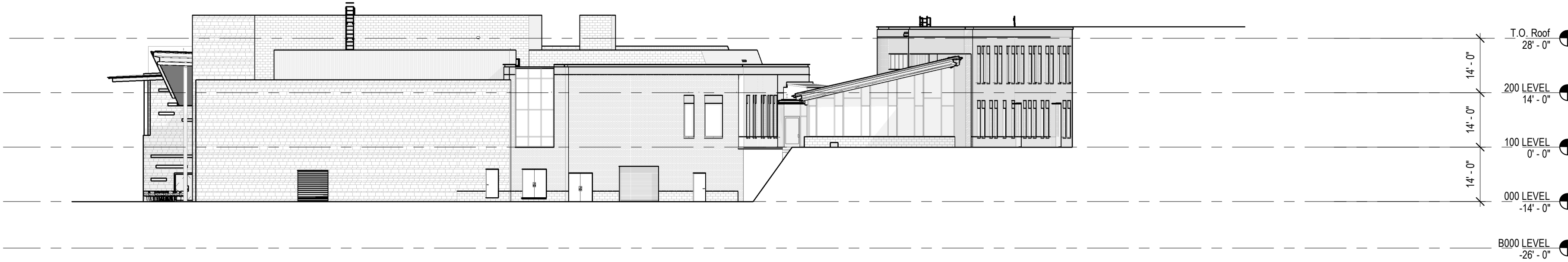
**QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056**



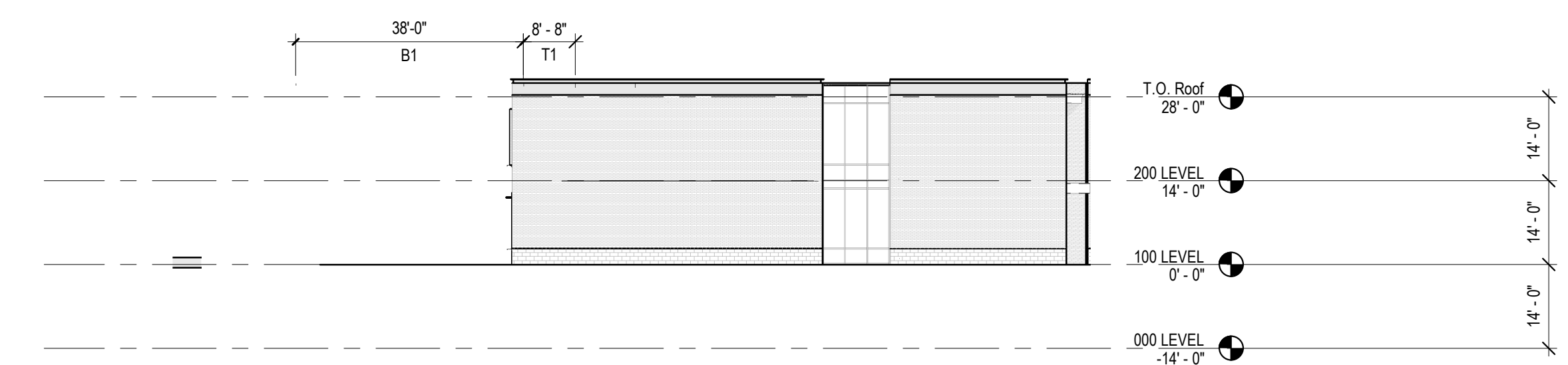
**6 OVERALL EAST ELEVATION**  
A200 SCALE: 3/64" = 1'-0"



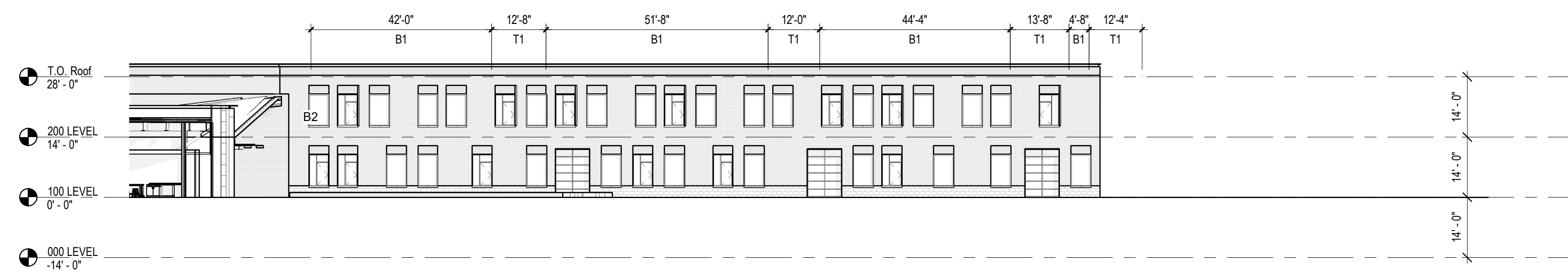
**5 OVERALL NORTH ELEVATION**  
A200 SCALE: 3/64" = 1'-0"



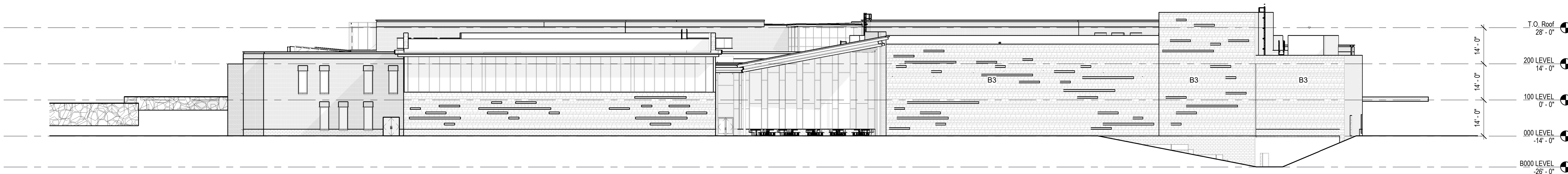
**4 OVERALL WEST ELEVATION**  
A200 SCALE: 3/64" = 1'-0"



**3 OVERALL WEST ELEVATION - DISTRICT OFFICE**  
A200 SCALE: 3/64" = 1'-0"



**2 PARTIAL SOUTH ELEVATION - INSTRUCTIONAL CORE**  
A200 SCALE: 3/64" = 1'-0"



**1 OVERALL SOUTH ELEVATION - INSTRUCTIONAL ACTIVITIES**  
A200 SCALE: 3/64" = 1'-0"

**GLAZED ASSEMBLIES**

- CW1** - KAWNEER - 1600UT - CURTAIN WALL SYSTEM (2.5"x7.5" VERTICAL MULLIONS & 2.5"x8" HORIZONTAL MULLIONS) - DARK GREY
- CW1.1** - KAWNEER - 1600UT - CURTAIN WALL SYSTEM (2.5"x7.5" VERTICAL MULLIONS & 2.5"x8" HORIZONTAL MULLIONS, 8" EXTERIOR CAP EXTENSIONS AT EACH VERTICAL MULLION) - DARK GREY
- CW1.2** - KAWNEER - 1600UT - CURTAIN WALL SYSTEM (2.5"x7.5" VERTICAL MULLIONS & 2.5"x8" HORIZONTAL MULLIONS, 8" EXTERIOR CAP EXTENSIONS AT EVERY OTHER VERTICAL MULLION) - DARK GREY
- CW2** - KAWNEER - 1600UT - CURTAIN WALL SYSTEM (2.5"x7.5" VERTICAL MULLIONS & 2.5"x8" HORIZONTAL MULLIONS) - LIGHT GREY
- SF1** - KAWNEER - 451UT STOREFRONT SYSTEM (2"x4.5" VERTICAL AND HORIZONTAL MULLIONS) - DARK GREY
- SF2** - KAWNEER - 451UT STOREFRONT SYSTEM (2"x4.5" VERTICAL AND HORIZONTAL MULLIONS) - LIGHT GREY
- SF3** - KAWNEER - 451UT STOREFRONT SYSTEM (2"x4.5" VERTICAL AND HORIZONTAL MULLIONS, 8" EXTERIOR CAP EXTENSIONS AT EACH VERTICAL MULLION) - LIGHT GREY

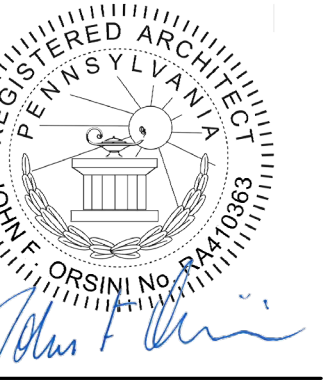
NOT FOR CONSTRUCTION

Commission	21017
Author	Checker
Sheet Title	OVERALL EXTERIOR ELEVATIONS

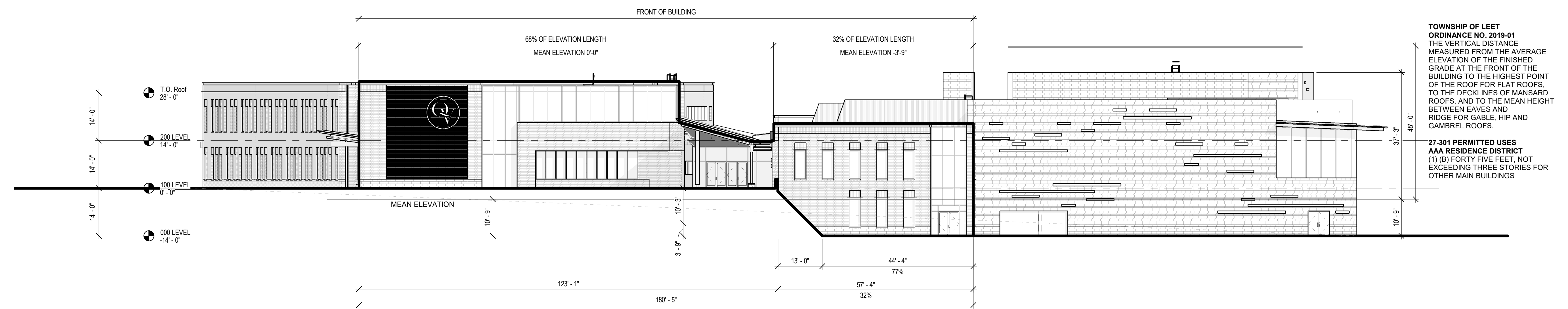
Revisions

Issue Number	1
Date	OCTOBER 10, 2023

A200



**QUAKER VALLEY SCHOOL DISTRICT  
NEW QUAKER VALLEY HIGH SCHOOL  
LEETSDALE, PA 15056**



**TOWNSHIP OF LEET  
ORDINANCE NO. 2019-01**  
THE VERTICAL DISTANCE  
MEASURED FROM THE AVERAGE  
ELEVATION OF THE FINISHED  
GRADE AT THE FRONT OF THE  
BUILDING TO THE HIGHEST POINT  
OF THE ROOF FOR FLAT ROOFS,  
TO THE DECLINES OF MANSARD  
ROOFS, AND TO THE MEAN HEIGHT  
BETWEEN EAVES AND  
RIDGE FOR GABLE, HIP AND  
GAMBREL ROOFS.

**27-301 PERMITTED USES**  
**AAA RESIDENCE DISTRICT**  
(1) (B) FORTY FIVE FEET, NOT  
EXCEEDING THREE STORIES FOR  
OTHER MAIN BUILDINGS

① **ZONING BUILDING HEIGHT**  
1/16" = 1'-0"

NOT FOR CONSTRUCTION

Commission	21017
Drawn	CHUCK
MAL	JFO
Sheet Title	ZONING HEIGHTS

Revisions	Description	Revision Date

Cost Number  
Date  
**OCTOBER 10, 2023**