

PRELIMINARY - FINAL LAND DEVELOPMENT PLAN

FOR

PA GAME COMMISSION - HEADQUARTERS OFFICE ADDITION

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES

SUSQUEHANNA TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA

JUNE 9, 2023



LOCATION MAP
SCALE: 1" = 1000'

INDEX OF DRAWINGS

SHEET NO.	TITLE
LD-CS	COVER SHEET
LD-01	GENERAL NOTES/EASEMENT PLAN
LD-02	EXISTING CONDITIONS PLAN
LD-03	DEMOLITION PLAN
LD-04	SITE LAYOUT PLAN
LD-05	GRADING & UTILITY PLAN
LD-06	UTILITY PROFILES
LD-07	LANDSCAPING & LIGHTING PLAN
LD-08	DETAILS
PCSM-01	PCSM - EXISTING CONDITIONS
PCSM-02	PCSM - PCSM PLAN
PCSM-03	PCSM - DETAILS & PROFILES
PCSM-04	PCSM - DETAILS

OWNER'S STORMWATER CERTIFICATION

I, _____, ACKNOWLEDGE THAT THE STORMWATER BMP'S ARE FIXTURES THAT CANNOT BE ALTERED OR REMOVED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY.

TITLE _____

DATE _____

SPECIAL EXCEPTION & VARIANCE REQUESTS

1. THE FOLLOWING WERE GRANTED BY THE ZONING HEARING BOARD OF SUSQUEHANNA TOWNSHIP ON AUGUST 2, 2023.

SPECIAL EXCEPTION SECTION 27-2204.2	- EXPANSION OF AN EXISTING NON-CONFORMITY
VARIANCE SECTION 27-2204.2.B	- EXPANSION OF NON-CONFORMING USE BEYOND 25%
VARIANCE SECTION 27-404.4	- BUILDING HEIGHT
VARIANCE SECTION 27-404.5	- IMPERVIOUS COVERAGE
VARIANCE SECTION 27-2302.2.D	- OFF-STREET PARKING

MODIFICATION / WAIVER REQUESTS

1. THE FOLLOWING MODIFICATION / WAIVERS OF THE SUBDIVISION AND LAND DEVELOPMENT ORDINANCE WERE GRANTED BY THE SUSQUEHANNA TOWNSHIP PLANNING COMMISSION ON _____

SECTION 22-404	PRELIMINARY PLAN PROCEDURE
SECTION 22-407	FINAL PLAN SPECIFICATIONS (SHEET SIZE 24" X 36")

WETLAND CERTIFICATION

I, _____ HEREBY CERTIFY THAT, THERE (ARE/ARE NOT) WETLANDS ON THE SUBJECT PROPERTY, THE PROPOSED PROJECT (WILL/WILL NOT) IMPACT OFF-SITE WETLANDS AND PERMITS (ARE/ARE NOT) REQUIRED FROM THE STATE AND FEDERAL GOVERNMENT.

_____ 2023*

*SIGNATURE AND SEAL OF A PROFESSIONAL REGISTERED IN COMMONWEALTH OF PENNSYLVANIA AS QUALIFIED TO PERFORM SUCH DUTIES AND RESPONSIBLE FOR THE PREPARATION OF THE PLAN.

CERTIFICATION OF OWNERSHIP, AND ACKNOWLEDGEMENT OF PLAN

COMMONWEALTH OF PENNSYLVANIA :SS
COUNTY OF DAUPHIN

ON THIS, THE _____ DAY OF _____, 20____, BEFORE THE UNDERSIGNED OFFICER, PERSONALLY APPEARED _____ OF THE DEPARTMENT OF GENERAL SERVICES OF THE COMMONWEALTH OF PENNSYLVANIA, WHO, BEING DULY SWORN ACCORDING TO LAW, DEPOSES AND CONFIRMS THAT THE COMMONWEALTH OF PENNSYLVANIA, ACTING BY AND THROUGH THE DEPARTMENT OF GENERAL SERVICES, IS THE OWNER OF THE PROPERTY SHOWN ON THIS PLAN, THAT HE IS AUTHORIZED TO EXECUTE THIS PLAN ON BEHALF OF THE DEPARTMENT OF GENERAL SERVICES, THAT THIS PLAN IS THE ACT AND DEED OF THE DEPARTMENT OF GENERAL SERVICES, AND THAT THE DEPARTMENT OF GENERAL SERVICES DESIRES THIS PLAN TO BE RECORDED.

NAME: _____
TITLE: _____

SWORN TO AND SUBSCRIBED BEFORE ME THIS _____ DAY OF _____, 20____.

NOTARY PUBLIC _____

MY COMMISSION EXPIRES _____

* INDIVIDUAL'S NAME
** INDIVIDUAL'S TITLE

PA ONE CALL

PA ONE CALL ID NUMBER FOR THIS JOB IS 20222063504. LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON RECORD DRAWINGS, AND/OR SURFACE EVIDENCE ONLY AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. THE CONTRACTOR SHALL CONTACT THE PA ONE CALL SYSTEM (1-800-242-1776), A MINIMUM OF 3 DAYS PRIOR TO EXCAVATION AS REQUIRED BY PA ACT 50 OF 2017.

SUSQUEHANNA TOWNSHIP PLANNING COMMISSION REVIEW STATEMENT

THIS PLAN RECOMMENDED FOR APPROVAL BY THE SUSQUEHANNA TOWNSHIP PLANNING COMMISSION THIS _____ DAY OF _____, 2023.

SUSQUEHANNA TOWNSHIP PLANNING COMMISSION

_____ CHAIRMAN

_____ SECRETARY

DAUPHIN COUNTY PLANNING COMMISSION REVIEW STATEMENT

AT A MEETING ON _____, 20____, THE DAUPHIN COUNTY PLANNING COMMISSION REVIEWED _____ THIS PLAN.

DAUPHIN COUNTY PLANNING COMMISSION

_____ CHAIRMAN

_____ SECRETARY

FINAL PLAN APPROVAL STATEMENT

THIS PLAN APPROVED BY THE SUSQUEHANNA TOWNSHIP BOARD OF COMMISSIONERS, AND ALL CONDITIONS IMPOSE WITH RESPECT TO SUCH APPROVAL WERE COMPLETED ON THIS _____ DAY OF _____, 2023.

SUSQUEHANNA TOWNSHIP BOARD OF COMMISSIONERS

_____ CHAIRMAN

_____ SECRETARY

RECORDER OF DEEDS

RECORDED IN THE OFFICE FOR RECORDING OF DEEDS, IN AND FOR DAUPHIN COUNTY, PENNSYLVANIA, IN PLAN BOOK _____, PAGE _____, THIS _____ DAY OF _____, A.D. 20____.

UTILITIES

WATER	CAPITAL REGION WATER 60 3003 N. FRONT ST. HARRISBURG, PA 17110 PHONE: 688-510-0606
CABLE TV	COMCAST CABLE/XFINITY 1-800-XFINITY
PHONE	VERIZON 4650 JONESTOWN RD. HARRISBURG, PA 17109 PHONE: 800-880-1077
ELECTRIC	PPL ELECTRIC UTILITIES 1801 BROOKWOOD ST. HARRISBURG, PA 17104 PHONE: 610-774-5151
GAS	UGI UTILITIES INC 1301 AIP DR. MIDDLETOWN, PA 17057 PHONE: 800-276-2722
SEWER	SUSQUEHANNA TOWNSHIP SEWER AUTHORITY 1900 LINGLESTOWN RD. PHONE: 717-545-0116

SITE/ZONING DATA

OWNER: COMMISSION	PENNSYLVANIA COMMONWEALTH GAME 2001 ELMERTON AVE HARRISBURG, PA 17110 PHONE: (717) 787-4250
PROPERTY LOCATED AT:	2001 ELMERTON AVE HARRISBURG, PA 17110
SOURCE OF TITLE:	N/A
VERTICAL DATUM:	NAVD 88
ZONE:	C-CONSERVATION
REQUIRED MINIMUM LOT AREA:	43,560 SQ. FT. - 1 ACRE
EX. PROPERTY AREA:	18.82 ACRES 811,134.38 SQ. FT.
REQUIRED MINIMUM LOT WIDTH:	100 ft.
SETBACK LINES:	
A. FRONT YARD:	50 ft.
B. SIDE YARD:	40 ft.
C. REAR YARD:	50 ft.
MAXIMUM BUILDING HEIGHT:	30 ft. (SECTION 27-2104)
EXISTING BUILDING HEIGHT:	42.5 ft.
MAXIMUM IMPERVIOUS COVERAGE:	30%
EXISTING PARKING SPACES:	226 PARKING SPACES (INCLUDING 4 HC)
PROPOSED PARKING SPACES:	259 PARKING SPACES (INCLUDING 4 HC)
EXISTING IMPERVIOUS AREA:	253,954.80 SQ. FT. (31.31%)
PROPOSED IMPERVIOUS AREA:	300,128.40 SQ. FT. (37.00%)
EXISTING WATER SUPPLY:	PUBLIC
EXISTING SEWER SUPPLY:	PUBLIC

ENGINEER'S CERTIFICATION

I HEREBY CERTIFY THIS PLAN TO BE CORRECT AS SHOWN.

JOHN J. LUCIANI, PROFESSIONAL ENGINEER, PA NO. PE-36714-E

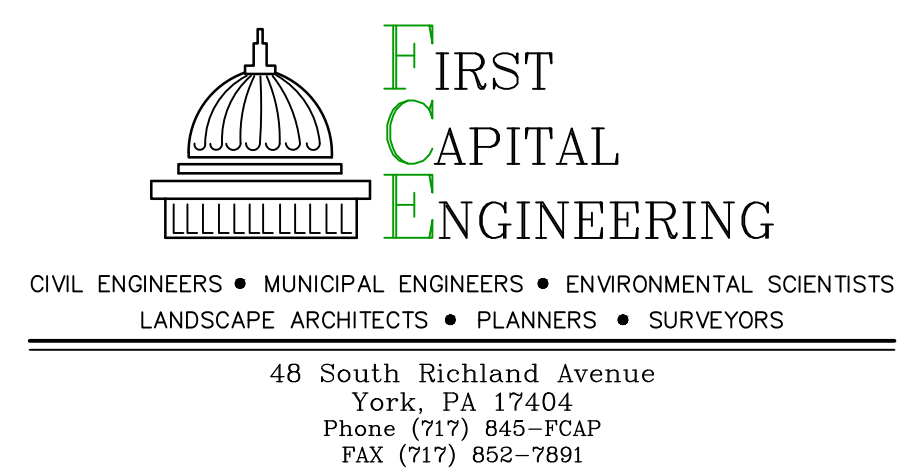
8/8/2023
DATE

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE, THE SURVEY AND PLAN SHOWN AND DESCRIBED HEREON IS TRUE AND CORRECT TO THE ACCURACY REQUIRED BY THE SUSQUEHANNA TOWNSHIP SUBDIVISION AND LAND DEVELOPMENT ORDINANCE.

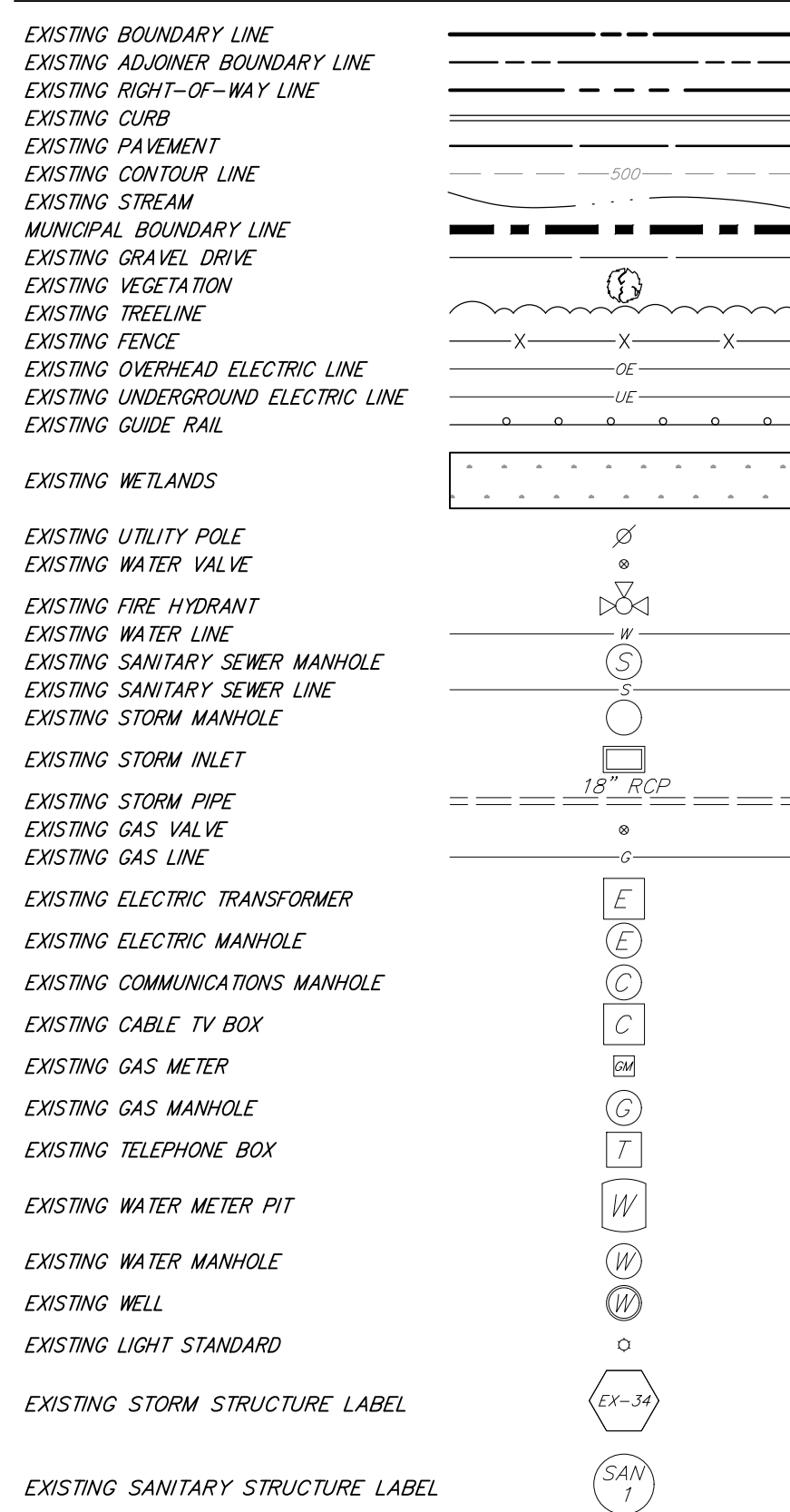
JOHN J. LUCIANI, PROFESSIONAL ENGINEER, PA NO. PE-36714-E

8/8/2023
DATE



No.	DATE	REVISION	BY
1	7/3/23	PER DCPD REVIEW 6/21/23	ARB
1	7/3/23	PER HRG REVIEW 6/22/23	ARB
1	7/3/23	PER SUSQUEHANNA TWP STAFF REVIEW 6/22/23	ARB

LEGEND



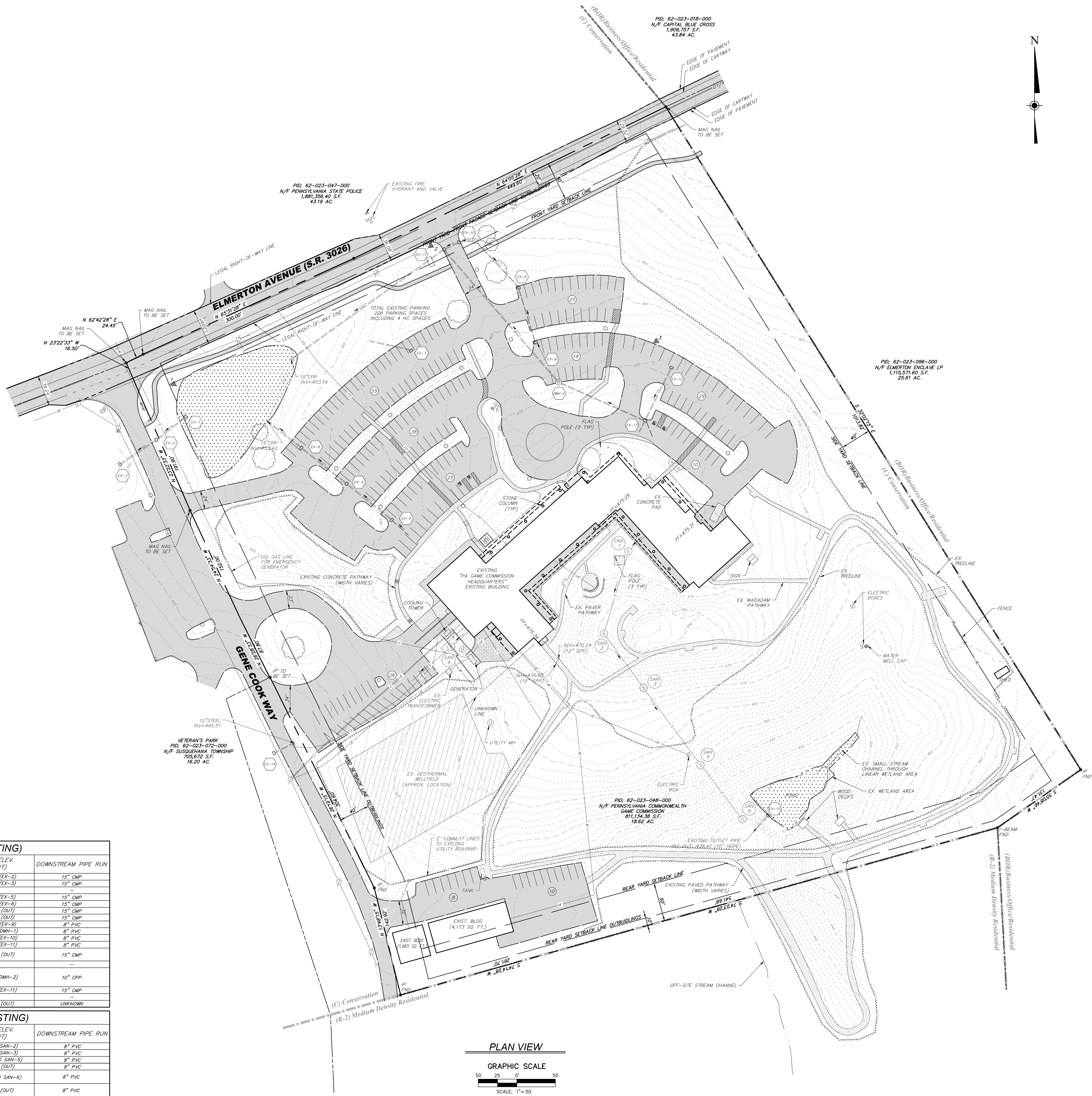
CONTROL POINTS

1. BASED ON REVIEW OF THE FLOOD INSURANCE RATE MAP, DAUPHIN COUNTY, PENNSYLVANIA MAP NUMBER 42043003400 PANEL 340 OF 501, DATED AUGUST 2, 2012. THE PROJECT SITE IS NOT LOCATED WITHIN THE 100 YEAR FLOOD BOUNDARY.
2. BEARINGS AND COORDINATES AS SHOWN HEREON ARE BASED ON PENNSYLVANIA STATE PLANE COORDINATE SYSTEM - NORTH AMERICAN DATUM 83 PA NORTH ZONE.
3. VERTICAL DATUM: NAVD 88
5. THIS FIELD SURVEY WAS PERFORMED DURING MARCH AND APRIL OF 2022.
6. BENCHMARK/CONTROL POINT
 - 1 - N: 351730.896 E: 2217710.102 ELEV: 454.316 BEING A REBAR AND CAP
 - 2 - N: 351910.313 E: 2218043.416 ELEV: 461.653 BEING A REBAR AND CAP
 - 3 - N: 351786.593 E: 2218335.554 ELEV: 469.026 BEING A REBAR AND CAP

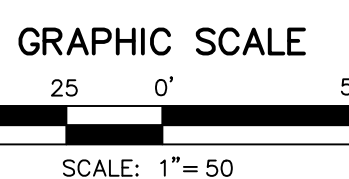
PA GAME COMMISSION HQ FLOOR AREAS	
EXISTING FLOOR AREA	BASEMENT: 15,484 SQ. FT. 1ST FLOOR: 32,064 SQ. FT. 2ND FLOOR: 26,687 SQ. FT. 74,215 SQ. FT.
PROPOSED FLOOR AREA	TRAINING WING: 2,885 SQ. FT. BASEMENT: 12,424 SQ. FT. 1ST FLOOR: 12,424 SQ. FT. 2ND FLOOR: 13,688 SQ. FT. 38,536 SQ. FT.
TOTAL:	115,636 SQ. FT.

STORM SEWER SCHEDULE (EXISTING)						
STRUCTURE NO.	TYPE	BOX TYPE	RIM OR GRATE ELEV.	INV. ELEV. (IN)	INV. ELEV. (OUT)	DOWNSTREAM PIPE RUN
EX-1	M	INLET	452.00	448.01 (EX-1)	449.80 (EX-2)	15" CMP
EX-2	M	INLET	451.21	448.01 (EX-1)	447.91 (EX-3)	15" CMP
EX-3	M	INLET	449.03	446.08 (EX-2)		
EX-4	M	INLET	465.36	462.56 (6" PVC)	461.81 (EX-5)	15" CMP
EX-5	M	INLET	463.21	457.96 (EX-4)	457.86 (EX-6)	15" CMP
EX-6	M	INLET	458.82	454.32 (EX-5)	454.22 (OUT)	15" CMP
EX-7	M	INLET	461.55	458.80 (OUT)		15" CMP
EX-8	M	INLET	465.93	463.03 (EX-9)		8" PVC
EX-9	M	INLET	462.23	460.08 (EX-8)	459.93 (DMH-1)	8" PVC
DMH-1	MH	STANDARD	461.10	458.90 (EX-9)	458.75 (EX-10)	8" PVC
EX-10	C	INLET	460.24	457.94 (DMH-1)	457.74 (EX-11)	8" PVC
EX-11	C	INLET	460.00	457.30 (DMH-2)	457.30 (OUT)	15" CMP
EX-12	M	INLET	469.23	466.63 (EX-13)		
EX-13	M	INLET	471.81	466.31 (EX-12) 462.01 (6" PVC) 466.91 (6" PVC)	466.21 (DMH-2)	10" CPP
DMH-2	MH	STANDARD	468.26	465.29 (EX-13)	465.19 (EX-11)	15" CMP
EX-14	M	INLET	445.45	443.30 (12" STEEL)		
EX-15	M	INLET	444.60		438.71 (OUT)	UNKNOWN

SANITARY SEWER SCHEDULE (EXISTING)						
STRUCTURE NO.	TYPE	BOX TYPE	RIM OR GRATE ELEV.	INV. ELEV. (IN)	INV. ELEV. (OUT)	DOWNSTREAM PIPE RUN
SAN-1	MH	STANDARD	474.15	469.05 (BUILDING)	468.85 (SAN-2)	8" PVC
SAN-2	MH	STANDARD	481.13	468.38 (SAN-1)	468.38 (SAN-3)	8" PVC
SAN-3	MH	STANDARD	471.97	466.97 (SAN-2)	466.67 (TO SAN-5)	8" PVC
SAN-4	MH	STANDARD	461.02	453.80 (BUILDING)	453.72 (OUT)	8" PVC
SAN-5	MH	STANDARD	459.40	453.86 (FROM SAN-3) 453.72	453.70 (TO SAN-6)	8" PVC
SAN-6	MH	STANDARD	439.52	432.95 (FROM SAN-5) 434.39	432.93 (OUT)	8" PVC



PLAN VIEW



NO.	DATE	REVISION	BY
1	7/13/23	PER DCPD REVIEW 6/21/23	ARB
1	7/13/23	PER HRG REVIEW 6/22/23	ARB
1	7/13/23	PER SUSQUEHANNA TWP STAFF REVIEW 6/22/23	ARB

EXISTING CONDITIONS FOR
PA GAME COMMISSION - HEADQUARTERS OFFICE ADDITION
 FOR
 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES
 PROJECT NO. A-200-0057 Phase 001
 SUSQUEHANNA TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA

Job Number
 1345-1
 DATE: 6/09/2023
 SCALE: 1" = 50'

FIRST CAPITAL ENGINEERING
 INC. ENGINEERS ARCHITECTS LANDSCAPE ARCHITECTS PLANNERS SURVEYORS
 48 South Richland Avenue
 P.O. Box 10710
 Harrisburg, PA 17108-0710
 PH: (717) 663-9941

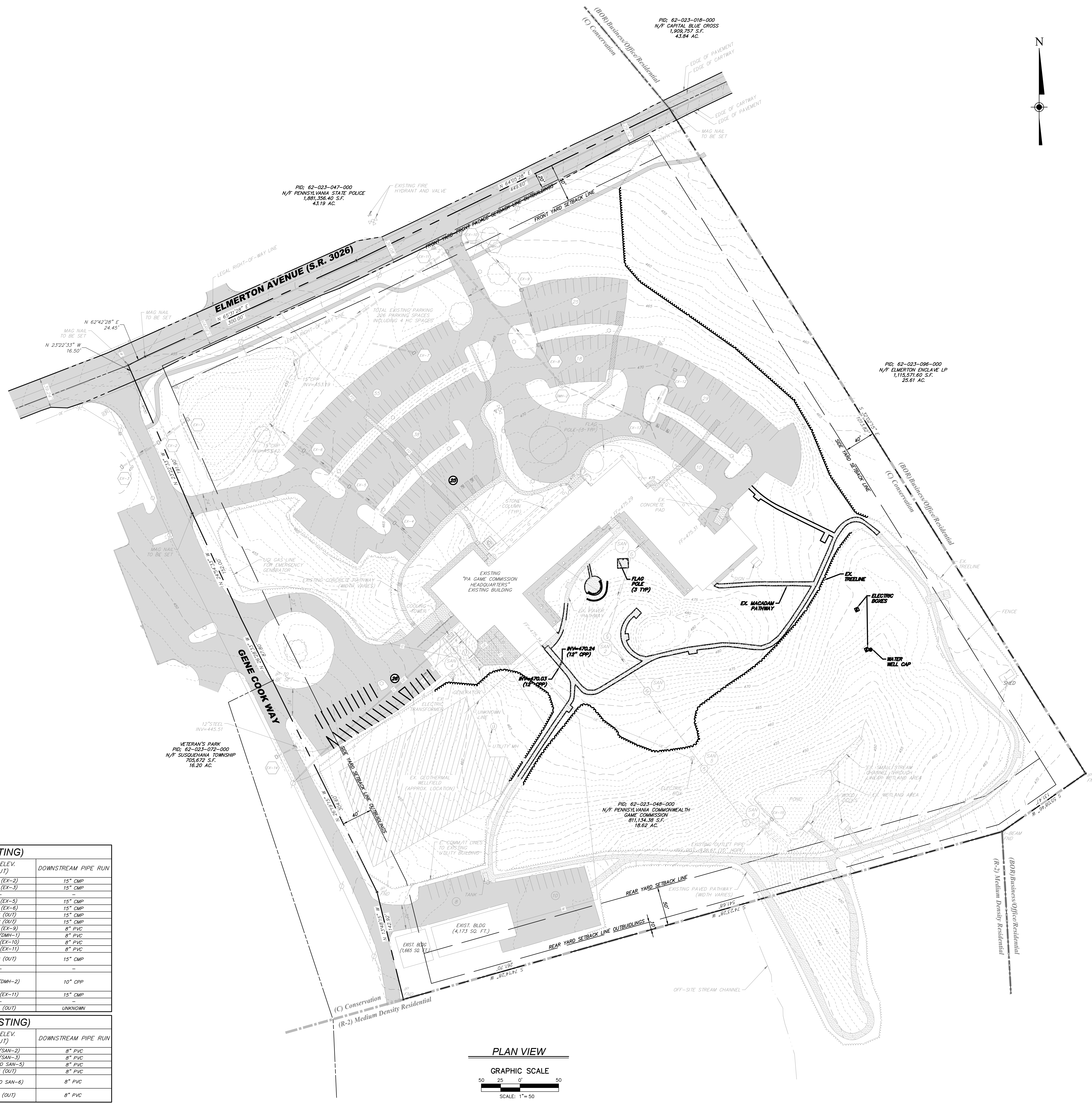
SHEET LD-02

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LEGEND

EXISTING BOUNDARY LINE	---
EXISTING ADJACENT BOUNDARY LINE	- - - -
EXISTING RIGHT-OF-WAY LINE	---
EXISTING CURB	---
EXISTING PAVEMENT	---
EXISTING CONTOUR LINE	---
EXISTING STREAM	---
MUNICIPAL BOUNDARY LINE	---
EXISTING GRAVEL DRIVE	---
EXISTING VEGETATION	---
EXISTING TREELINE	---
EXISTING FENCE	---
EXISTING OVERHEAD ELECTRIC LINE	---
EXISTING UNDERGROUND ELECTRIC LINE	---
EXISTING GUIDE RAIL	---
EXISTING WETLANDS	---
EXISTING UTILITY POLE	---
EXISTING WATER VALVE	---
EXISTING FIRE HYDRANT	---
EXISTING WATER LINE	---
EXISTING SANITARY SEWER MANHOLE	---
EXISTING SANITARY SEWER LINE	---
EXISTING STORM MANHOLE	---
EXISTING STORM INLET	---
EXISTING STORM PIPE	---
EXISTING GAS VALVE	---
EXISTING GAS LINE	---
EXISTING ELECTRIC TRANSFORMER	---
EXISTING ELECTRIC MANHOLE	---
EXISTING COMMUNICATIONS MANHOLE	---
EXISTING CABLE TV BOX	---
EXISTING GAS METER	---
EXISTING GAS MANHOLE	---
EXISTING TELEPHONE BOX	---
EXISTING WATER METER PIT	---
EXISTING WATER MANHOLE	---
EXISTING WELL	---
EXISTING LIGHT STANDARD	---
EXISTING STORM STRUCTURE LABEL	---
EXISTING SANITARY STRUCTURE LABEL	---

NOTE:
ALL FEATURES TO BE DEMOLISHED ARE SHOWN IN A BOLD LINE WEIGHT.



STORM SEWER SCHEDULE (EXISTING)						
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PROJ. MGR.	JL
DESIGN	ARB
CHECKED	JMC
DATE	7/13/23
REVISED	7/13/23
BY	ARB
DATE	7/13/23
REVISED	7/13/23
BY	JMC
DATE	7/13/23
REVISED	7/13/23
BY	ARB

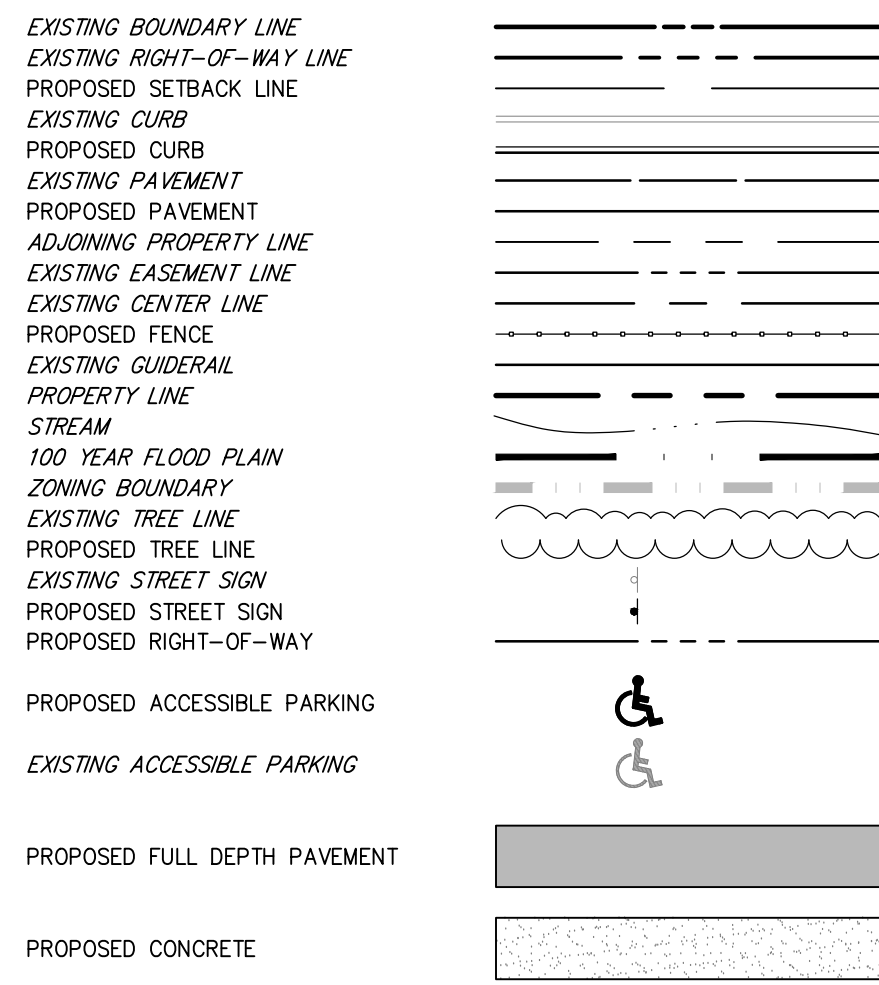
DEMOLITION PLAN
FOR
PA GAME COMMISSION - HEADQUARTERS OFFICE ADDITION
FOR
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES
PROJECT NO. A-200-0057 Phase 001
SUSQUEHANNA TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA

Job Number
1345-1
DATE: 6/09/2023
SCALE: 1" = 50'

FIRST CAPITAL ENGINEERING
INCORPORATED
18 South Richland Avenue
P.O. Box 107180
Raleigh, NC 27615-0718
TEL: (919) 883-9944

SHEET
LD-03

LEGEND

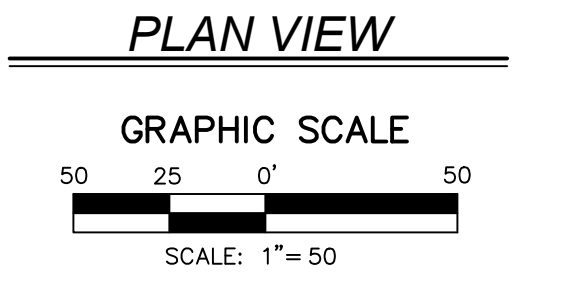
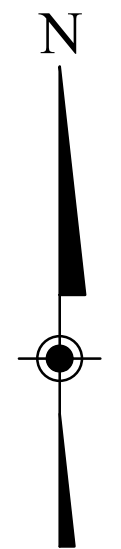
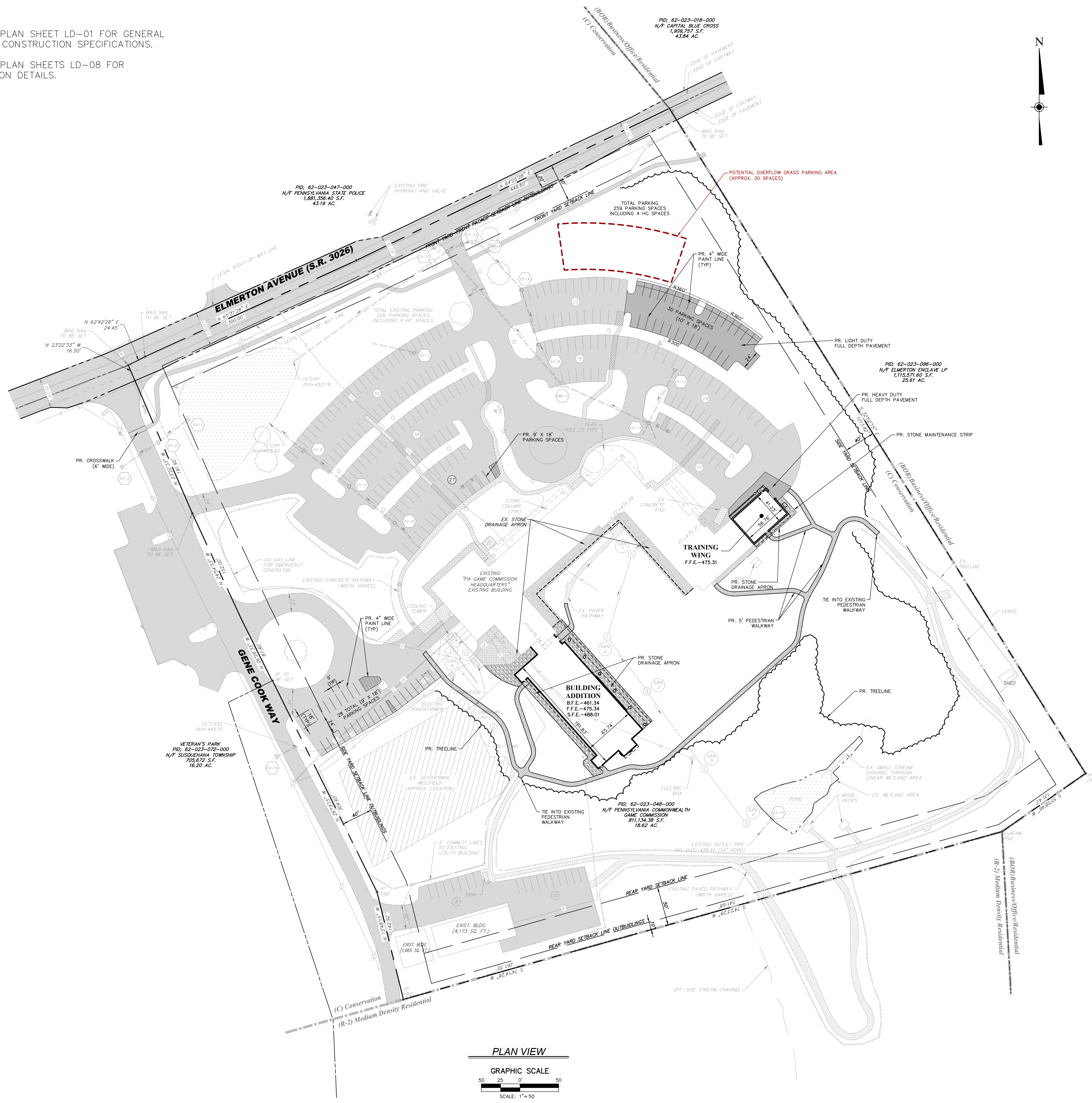


PA GAME COMMISSION HQ FLOOR AREAS	
EXISTING FLOOR AREA	BASEMENT: 15,484 SQ. FT. 1ST FLOOR: 32,064 SQ. FT. 2ND FLOOR: 28,667 SQ. FT. 74,215 SQ. FT.
PROPOSED FLOOR AREA	TRAINING WING: 2,885 SQ. FT. BASEMENT: 12,424 SQ. FT. 1ST FLOOR: 12,424 SQ. FT. 2ND FLOOR: 13,688 SQ. FT. 38,536 SQ. FT.
TOTAL:	115,636 SQ. FT.

NOTES:

REFERENCE PLAN SHEET LD-01 FOR GENERAL NOTES AND CONSTRUCTION SPECIFICATIONS.

REFERENCE PLAN SHEETS LD-08 FOR CONSTRUCTION DETAILS.



NO.	DATE	REVISION	BY
1	7/13/23	PER DCPD REVIEW 6/21/23	ARB
1	7/13/23	PER HRG REVIEW 6/22/23	ARB
1	7/13/23	PER SUSQUEHANNA TWP STAFF REVIEW 6/22/23	ARB
1	7/13/23	PER SUSQUEHANNA TWP STAFF REVIEW 6/22/23	ARB

SITE PLAN
FOR
PA GAME COMMISSION - HEADQUARTERS OFFICE ADDITION
FOR
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES
PROJECT NO. A-200-0057 Phase 001
SUSQUEHANNA TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA

PROJ. MGR. - JL
DESIGN - ARB
CHECKED - JMC

Job Number	1345-1
DATE:	6/09/2023
SCALE:	1" = 50'
SHEET	LD-04

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LEGEND

EXISTING BOUNDARY LINE	---
EXISTING RIGHT-OF-WAY LINE	---
EXISTING CURB	---
PROPOSED CURB	---
EXISTING PAVEMENT	---
PROPOSED PAVEMENT	---
EXISTING CONTOUR LINE	---
PROPOSED CONTOUR LINE	---
PROPOSED FINISH FLOOR ELEVATION	---
PROPOSED SPOT ELEVATION	---
EXISTING UTILITY POLE	---
EXISTING OVERHEAD ELECTRIC LINE	---
EXISTING UNDERGROUND ELECTRIC LINE	---
EXISTING OVERHEAD TELEPHONE LINE	---
EXISTING UNDERGROUND TELEPHONE LINE	---
EXISTING WATER VALVE	---
EXISTING WATER LINE	---
EXISTING SANITARY SEWER MANHOLE	---
PROPOSED SANITARY SEWER MANHOLE	---
EXISTING STORM MANHOLE	---
PROPOSED STORM INLET	---
EXISTING STORM PIPE	---
PROPOSED STORM PIPE	---
PROPOSED STORM STRUCTURE LABEL	---

NOTES:

REFERENCE PLAN SHEET LD-01 FOR GENERAL NOTES AND CONSTRUCTION SPECIFICATIONS.

REFERENCE PLAN SHEETS LD-08 FOR CONSTRUCTION DETAILS.

REFERENCE PLAN SHEET LD-06 FOR UTILITY PROFILES.

STORM SEWER SCHEDULE (PROPOSED)

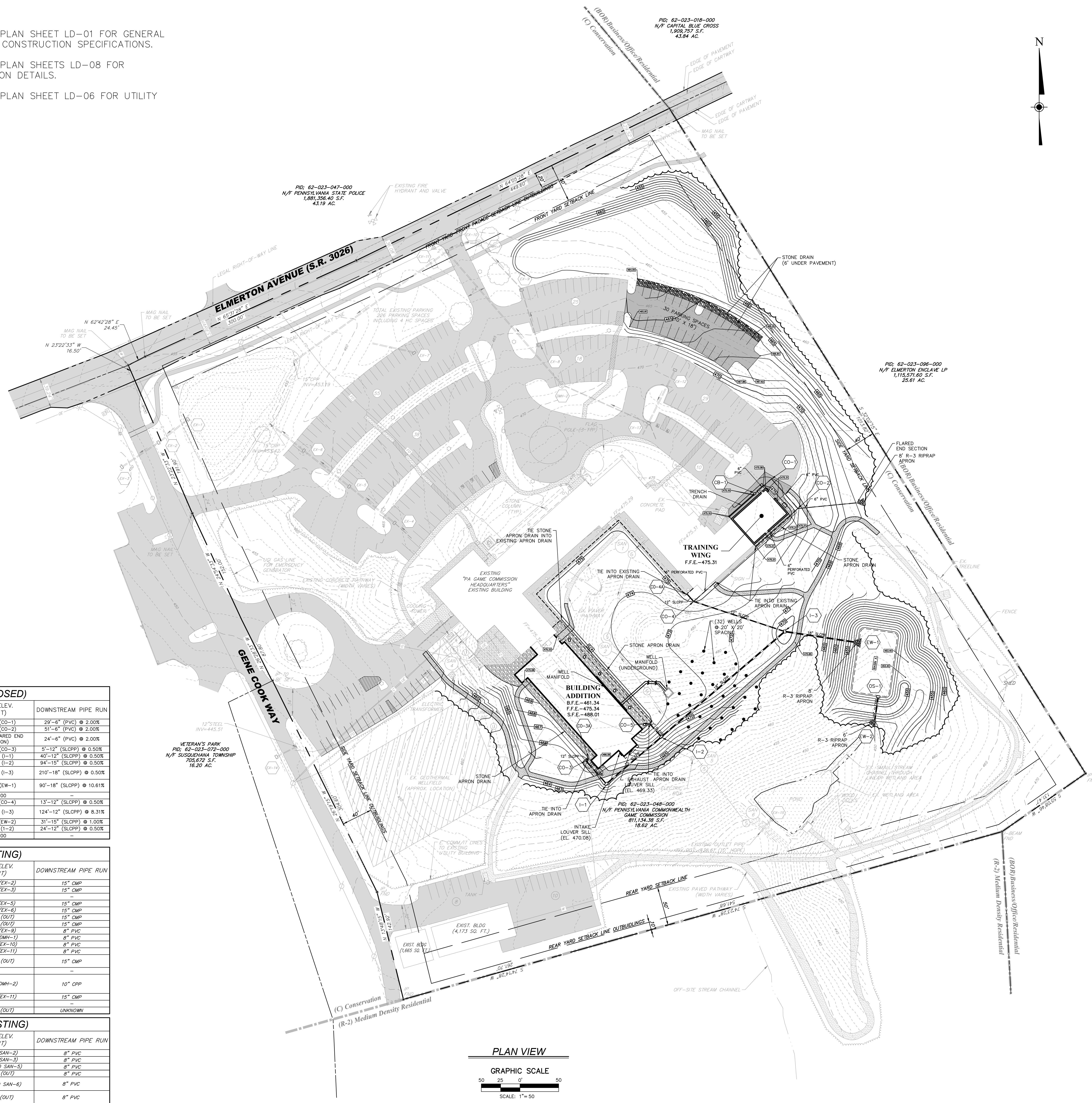
STRUCTURE NO.	TYPE	BOX TYPE	RIM OR GRATE ELEV.	INV. ELEV. (IN)	INV. ELEV. (OUT)	DOWNSTREAM PIPE RUN
CB-1	CB	INLET	475.16	475.16 (CB-1)	471.00 (CO-1)	29'-6" (PVC) @ 2.00%
CO-1	CO	CLEANOUT	474.71	470.42 (CB-1)	470.42 (CO-2)	51'-6" (PVC) @ 2.00%
CO-2	CO	CLEANOUT	473.06	469.39 (APRON DRAIN)	469.39 (FLARED END SECTION)	24'-6" (PVC) @ 2.00%
CO-3A	CO	CLEANOUT	469.00	463.00 (APRON DRAIN)	463.02 (CO-3)	5'-12" (SLOPP) @ 0.50%
CO-3	CO	CLEANOUT	468.00	462.40 (CO-3)	462.90 (I-1)	40'-12" (SLOPP) @ 0.50%
I-1	M	INLET	465.00	461.98 (I-1)	461.45 (I-2)	94'-15" (SLOPP) @ 0.50%
I-2	M	INLET	470.17	461.98 (APRON DRAIN 2)	461.73 (I-3)	210'-18" (SLOPP) @ 0.50%
I-3	M	INLET	470.00	460.68 (I-2)	460.58 (EW-1)	90'-18" (SLOPP) @ 10.61%
DW-1	DW	ENDWALL	453.83	451.00 (I-1)	450.00	-
CO-4A	CO	CLEANOUT	475.00	471.49 (EX. APRON DRAIN)	471.56 (CO-4)	13'-12" (SLOPP) @ 0.50%
CO-4	CO	CLEANOUT	475.00	471.49 (APRON DRAIN 3)	470.99 (I-3)	124'-12" (SLOPP) @ 8.31%
OS-1	OS	OUTLET	452.79	450.31 (EW-2)	450.31 (EW-2)	31'-15" (SLOPP) @ 1.00%
CO-5	CO	CLEANOUT	470.17	462.10 (I-2)	462.10 (I-2)	24'-12" (SLOPP) @ 0.50%
EW-2	DW	ENDWALL	452.86	451.00 (OS-1)	450.00	-

STORM SEWER SCHEDULE (EXISTING)

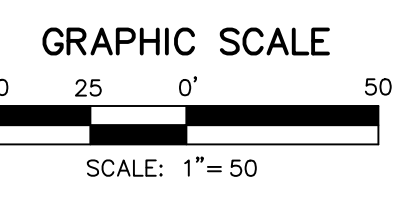
STRUCTURE NO.	TYPE	BOX TYPE	RIM OR GRATE ELEV.	INV. ELEV. (IN)	INV. ELEV. (OUT)	DOWNSTREAM PIPE RUN
EX-1	M	INLET	452.00	449.80 (EX-2)	449.80 (EX-2)	15" CMP
EX-2	M	INLET	451.21	448.01 (EX-1)	447.91 (EX-3)	15" CMP
EX-3	M	INLET	449.03	446.88 (EX-2)	446.88 (EX-2)	15" CMP
EX-4	M	INLET	453.36	452.36 (EX-5)	461.81 (EX-5)	15" CMP
EX-5	M	INLET	463.21	457.96 (EX-4)	457.86 (EX-6)	15" CMP
EX-6	M	INLET	458.82	454.32 (EX-5)	454.22 (OUT)	15" CMP
EX-7	M	INLET	461.55	458.80 (OUT)	458.80 (OUT)	15" CMP
EX-8	M	INLET	465.93	463.03 (EX-9)	463.03 (EX-9)	8" PVC
EX-9	M	INLET	462.23	460.08 (EX-8)	459.93 (DMH-1)	8" PVC
DMH-1	MH	STANDARD	461.10	458.90 (EX-9)	458.75 (EX-10)	8" PVC
EX-10	C	INLET	460.24	457.94 (DMH-1)	457.74 (EX-11)	8" PVC
EX-11	C	INLET	460.00	457.40 (EX-10)	457.30 (DMH-2)	15" CMP
EX-12	M	INLET	469.23	466.63 (EX-13)	466.63 (EX-13)	-
EX-13	M	INLET	471.81	466.31 (EX-12)	466.21 (DMH-2)	10" CPP
DMH-2	MH	STANDARD	468.26	465.29 (EX-13)	465.19 (EX-11)	15" CMP
EX-14	M	INLET	445.45	443.30 (12" STEEL)	443.30 (EX-11)	-
EX-15	M	INLET	444.60	-	438.71 (OUT)	UNKNOWN

SANITARY SEWER SCHEDULE (EXISTING)

STRUCTURE NO.	TYPE	BOX TYPE	RIM OR GRATE ELEV.	INV. ELEV. (IN)	INV. ELEV. (OUT)	DOWNSTREAM PIPE RUN
SAN-1	MH	STANDARD	474.15	469.05 (BUILDING)	468.85 (SAN-2)	8" PVC
SAN-2	MH	STANDARD	481.13	468.38 (SAN-1)	468.38 (SAN-3)	8" PVC
SAN-3	MH	STANDARD	471.97	466.97 (SAN-2)	466.67 (TO SAN-5)	8" PVC
SAN-4	MH	STANDARD	461.02	455.82 (BUILDING)	455.72 (OUT)	8" PVC
SAN-5	MH	STANDARD	459.40	453.66 (FROM SAN 3)	453.70 (TO SAN-6)	8" PVC
SAN-6	MH	STANDARD	439.52	432.95 (FROM SAN 5)	432.93 (OUT)	8" PVC



PLAN VIEW



PROJ. MGR.	JL
DESIGN	ARB
CHECKED	JC
DATE	
NO.	
REVISION	

GRADING & UTILITY PLAN
FOR
PA GAME COMMISSION - HEADQUARTERS OFFICE ADDITION
FOR
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES
PROJECT NO. A-200-0057 Phase 001
SUSQUEHANNA TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA

Job Number
1345-1
DATE: 6/09/2023
SCALE: 1" = 50'

First Capital Engineering
INCORPORATED
LANDSCAPE ARCHITECTS • ENGINEERS • SURVEYORS
48 South Richard Avenue
Pottsville, PA 17884
Phone: 717-862-9144
Fax: 717-862-9144

LD-05

LEGEND

EXISTING BOUNDARY LINE	---
EXISTING RIGHT-OF-WAY LINE	---
EXISTING CURB	---
PROPOSED CURB	---
EXISTING PAVEMENT	---
PROPOSED PAVEMENT	---
EXISTING CONTOUR LINE	---
PROPOSED CONTOUR LINE	---
PROPOSED FINISH FLOOR ELEVATION	500.00
PROPOSED SPOT ELEVATION	500.00
EXISTING UTILITY POLE	⊗
EXISTING OVERHEAD ELECTRIC LINE	---
EXISTING UNDERGROUND ELECTRIC LINE	---
PROPOSED OVERHEAD TELEPHONE LINE	---
EXISTING UNDERGROUND TELEPHONE LINE	---
PROPOSED UNDERGROUND TELEPHONE LINE	---
EXISTING WATER VALVE	•
EXISTING WATER LINE	---
PROPOSED WATER LINE	---
EXISTING SANITARY SEWER MANHOLE	⊙
PROPOSED SANITARY SEWER MANHOLE	⊙
EXISTING STORM MANHOLE	⊙
PROPOSED STORM INLET	⊙
EXISTING STORM PIPE	---
PROPOSED STORM PIPE	---
PROPOSED STORM STRUCTURE LABEL	⊙

NOTES:

REFERENCE PLAN SHEET LD-01 FOR GENERAL NOTES AND CONSTRUCTION SPECIFICATIONS.

REFERENCE PLAN SHEETS LD-08 FOR CONSTRUCTION DETAILS.

REFERENCE PLAN SHEET LD-06 FOR UTILITY PROFILES.

STORM SEWER SCHEDULE (PROPOSED)

STRUCTURE NO.	TYPE	BOX TYPE	RIM OR GRATE ELEV.	INV. ELEV. (IN)	INV. ELEV. (OUT)	DOWNSTREAM PIPE RUN
CB-1	M	INLET	475.16	475.16 (CO-1)	471.00 (CO-1)	29'-6" (PVC) @ 2.00%
CO-1	CO	CLEANOUT	474.71	470.42 (CB-1)	470.42 (CO-2)	51'-6" (PVC) @ 2.00%
CO-2	CO	CLEANOUT	473.06	469.39 (CO-1)	469.39 (FLARED END SECTION)	24'-6" (PVC) @ 2.00%
CO-3A	CO	CLEANOUT	469.00	463.02 (APRON DRAIN)	463.02 (CO-3)	5'-12" (SLOPP) @ 0.50%
CO-3	CO	CLEANOUT	468.00	463.00 (APRON DRAIN)	462.90 (I-1)	40'-12" (SLOPP) @ 0.50%
I-1	M	INLET	465.00	462.40 (CO-3)	462.45 (I-2)	94'-15" (SLOPP) @ 0.50%
I-2	M	INLET	470.17	461.98 (I-1)	461.73 (I-3)	210'-18" (SLOPP) @ 0.50%
I-3	M	INLET	470.00	460.68 (I-2)	460.58 (EW-1)	90'-18" (SLOPP) @ 10.61%
EW-1	DW	ENDWALL	453.83	451.00 (I-1)	450.00	---
CO-4A	CO	CLEANOUT	475.00	471.49 (EX. APRON DRAIN)	471.56 (CO-4)	13'-12" (SLOPP) @ 0.50%
CO-4	CO	CLEANOUT	475.00	471.49 (APRON DRAIN 3)	470.99 (I-3)	124'-12" (SLOPP) @ 8.31%
OS-1	OS	OUTLET	452.79	450.31 (EW-2)	450.31 (EW-2)	31'-15" (SLOPP) @ 1.00%
CO-5	CO	CLEANOUT	470.17	462.10 (I-2)	462.10 (I-2)	24'-12" (SLOPP) @ 0.50%
EW-2	DW	ENDWALL	452.86	451.00 (OS-1)	450.00	---

STORM SEWER SCHEDULE (EXISTING)

STRUCTURE NO.	TYPE	BOX TYPE	RIM OR GRATE ELEV.	INV. ELEV. (IN)	INV. ELEV. (OUT)	DOWNSTREAM PIPE RUN
EX-1	M	INLET	452.00	449.80 (EX-2)	449.80 (EX-2)	15" CMP
EX-2	M	INLET	451.21	448.01 (EX-1)	447.91 (EX-3)	15" CMP
EX-3	M	INLET	449.03	446.88 (EX-2)	446.88 (EX-5)	15" CMP
EX-4	M	INLET	453.36	452.26 (EX-5)	451.81 (EX-5)	15" CMP
EX-5	M	INLET	463.21	457.96 (EX-4)	457.86 (EX-6)	15" CMP
EX-6	M	INLET	458.82	454.32 (EX-5)	454.22 (OUT)	15" CMP
EX-7	M	INLET	461.55	458.80 (EX-7)	458.80 (EX-7)	15" CMP
EX-8	M	INLET	465.93	460.08 (EX-8)	463.03 (EX-9)	8" PVC
EX-9	M	INLET	462.23	462.26 (EX-9)	459.93 (DMH-1)	8" PVC
DMH-1	MH	STANDARD	461.10	458.90 (EX-9)	458.75 (EX-10)	8" PVC
EX-10	C	INLET	460.24	457.94 (DMH-1)	457.74 (EX-11)	8" PVC
EX-11	C	INLET	460.00	457.40 (EX-10)	457.30 (OUT)	15" CMP
EX-12	M	INLET	469.23	466.63 (EX-13)	---	---
EX-13	M	INLET	471.81	466.31 (EX-12)	466.21 (DMH-2)	10" CPP
DMH-2	MH	STANDARD	468.26	465.29 (EX-13)	465.19 (EX-11)	15" CMP
EX-14	M	INLET	445.45	443.30 (12" STEEL)	---	---
EX-15	M	INLET	444.60	---	438.71 (OUT)	UNKNOWN

SANITARY SEWER SCHEDULE (EXISTING)

STRUCTURE NO.	TYPE	BOX TYPE	RIM OR GRATE ELEV.	INV. ELEV. (IN)	INV. ELEV. (OUT)	DOWNSTREAM PIPE RUN
SAN-1	MH	STANDARD	474.15	469.05 (BUILDING)	468.85 (SAN-2)	8" PVC
SAN-2	MH	STANDARD	481.13	468.38 (SAN-1)	468.38 (SAN-3)	8" PVC
SAN-3	MH	STANDARD	471.97	466.97 (SAN-2)	466.67 (TO SAN-5)	8" PVC
SAN-4	MH	STANDARD	461.02	455.82 (BUILDING)	455.72 (OUT)	8" PVC
SAN-5	MH	STANDARD	459.40	453.66 (FROM SAN 3)	453.70 (TO SAN-6)	8" PVC
SAN-6	MH	STANDARD	439.52	432.95 (FROM SAN 5)	432.93 (OUT)	8" PVC

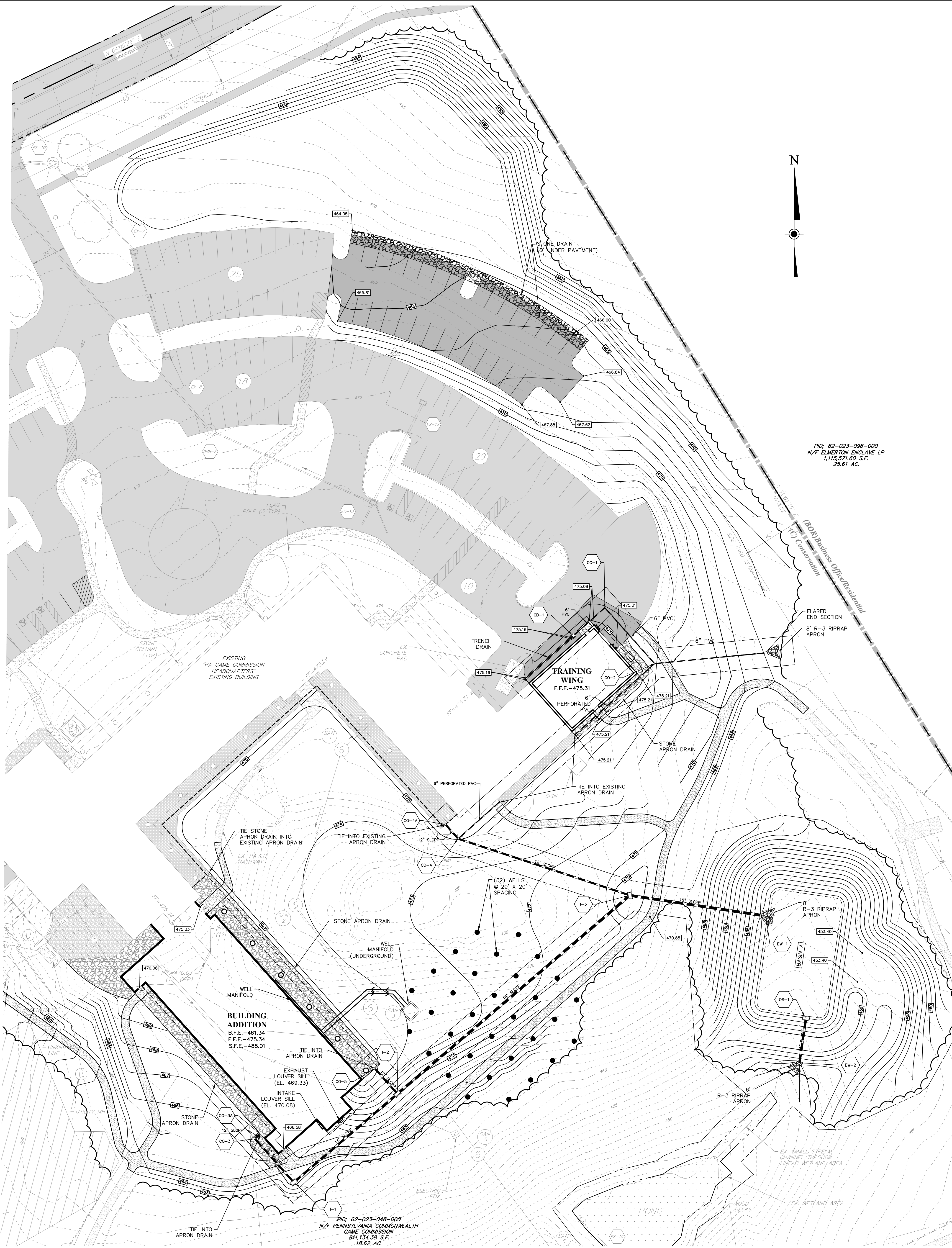
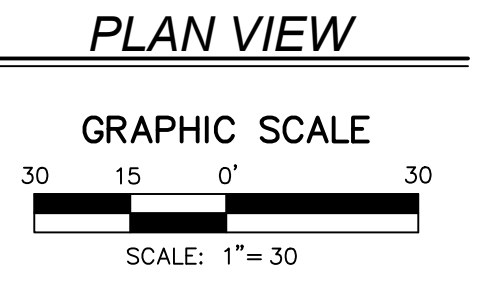


FIG. 62-023-086-000
N/F ELMERTON ENGLAVE LP
1,115,571.60 S.F.
28.61 AC.

FIG. 62-023-048-000
N/F PENNSYLVANIA COMMONWEALTH
GAME COMMISSION
811,134.38 S.F.
18.62 AC.



PROJ. MGR.	JL	
DESIGN	ARB	
CHECKED	JC	
NO.	DATE	REVISION
1	7/13/23	PER DCPD REVIEW 6/21/23
1	7/13/23	PER HRG REVIEW 6/22/23
1	7/13/23	PER SUSQUEHANNA TWP STAFF REVIEW 6/22/23

GRADING & UTILITY PLAN ENLARGEMENT
FOR
PA GAME COMMISSION - HEADQUARTERS OFFICE ADDITION
FOR
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES
PROJECT NO. A-200-0057 Phase 001
SUSQUEHANNA TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA

Job Number
1345-1

DATE
6/09/2023

SCALE
1" = 30'

FIRST CAPITAL ENGINEERING

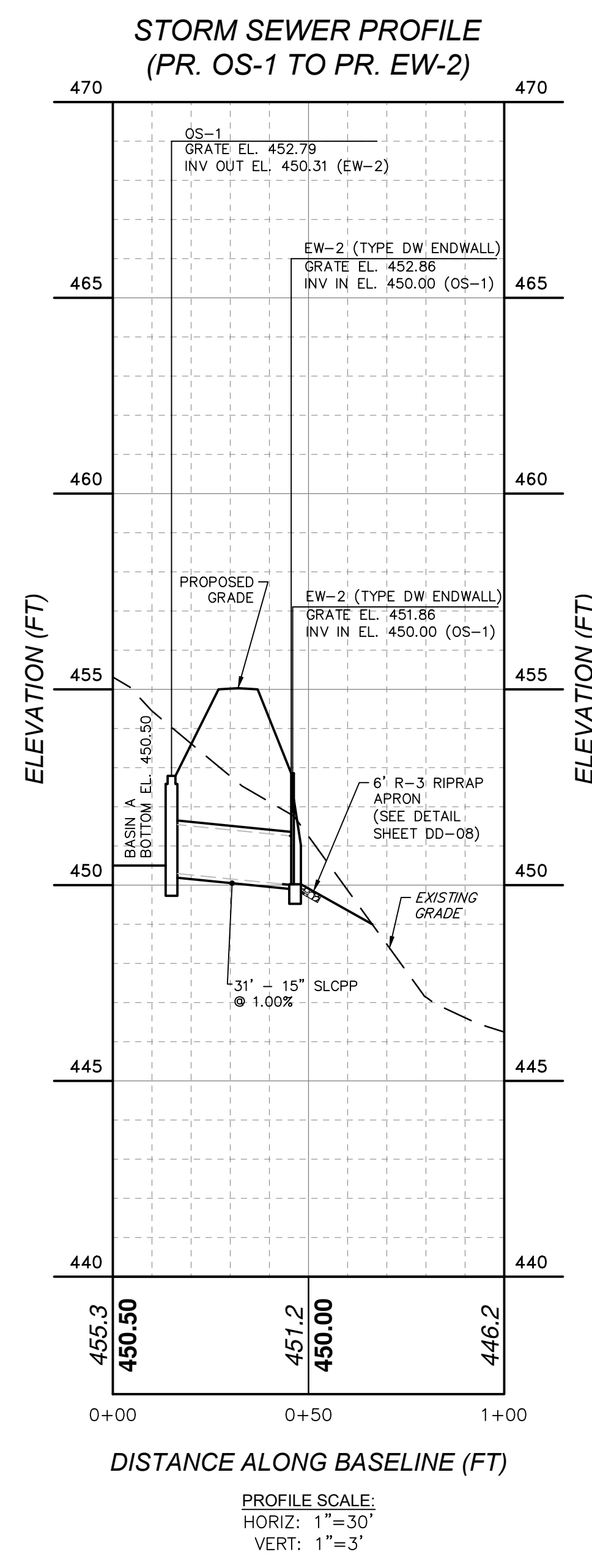
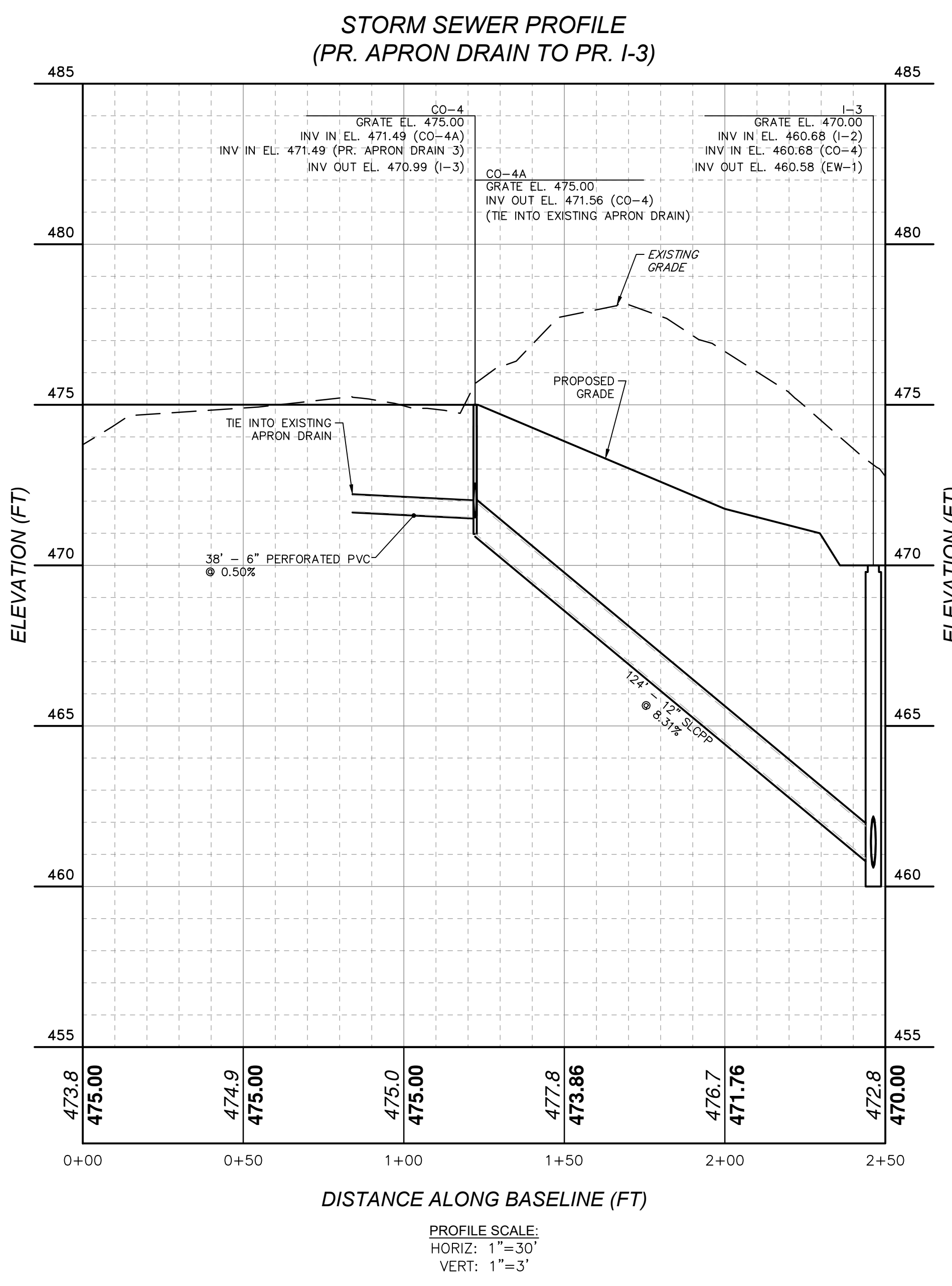
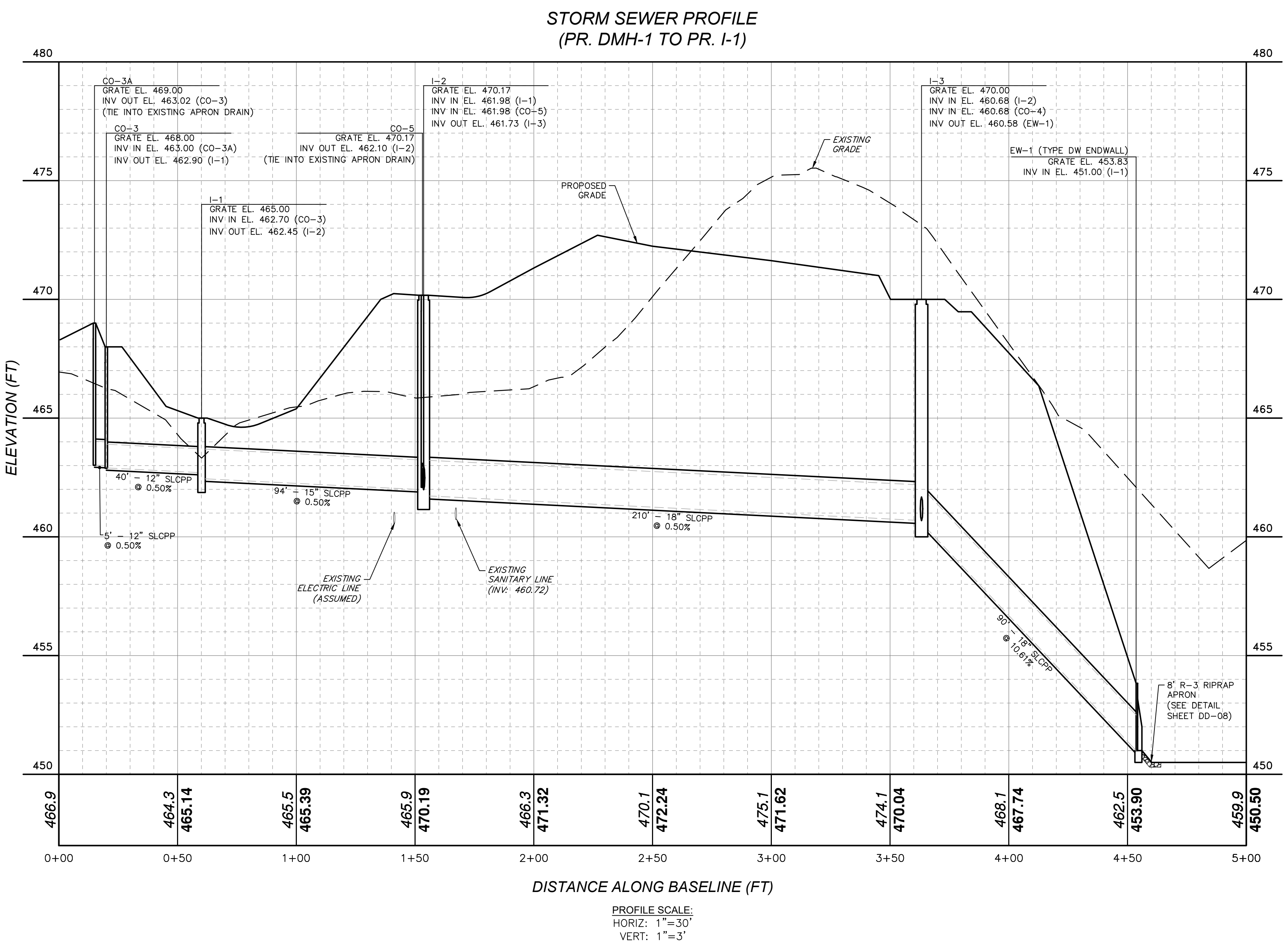
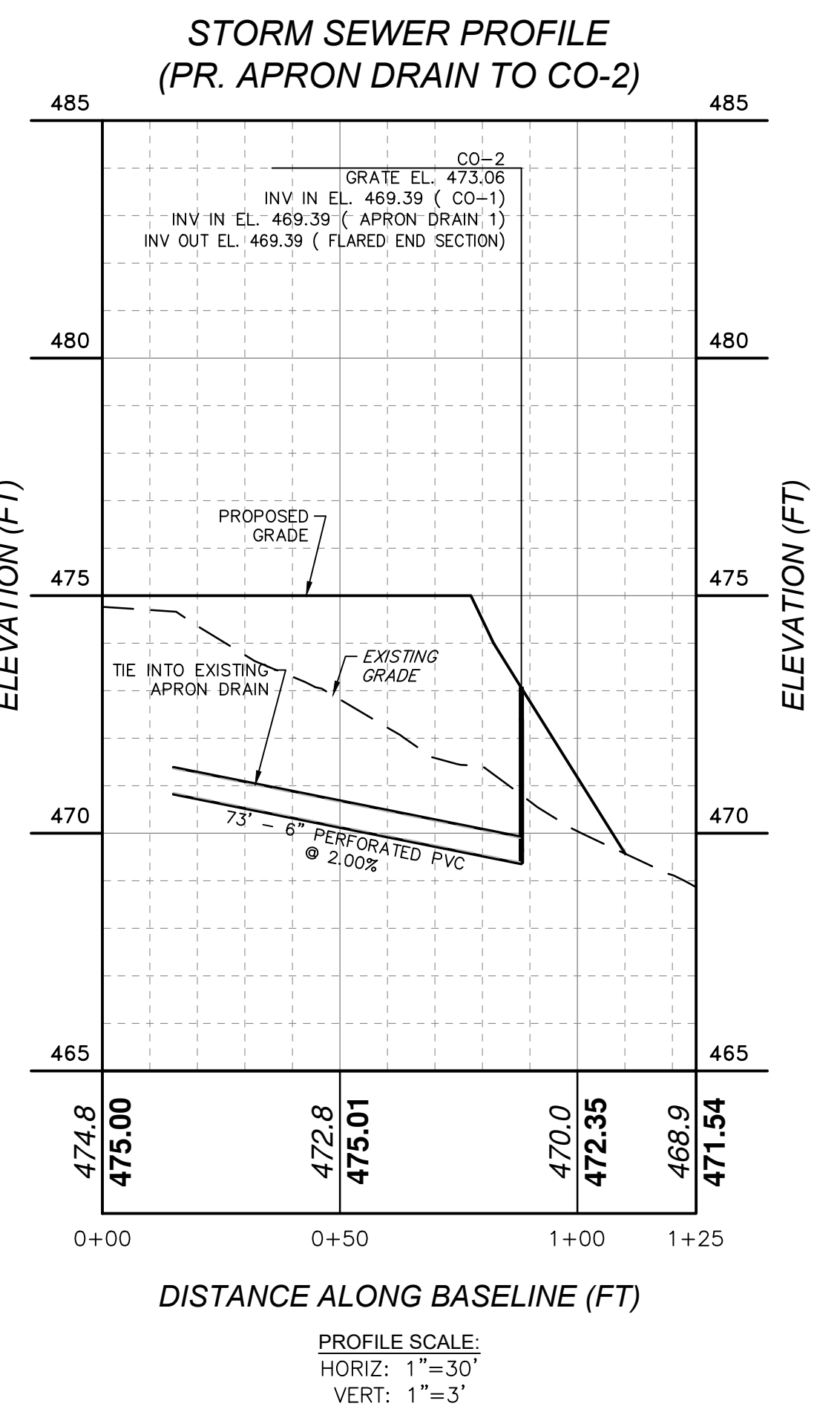
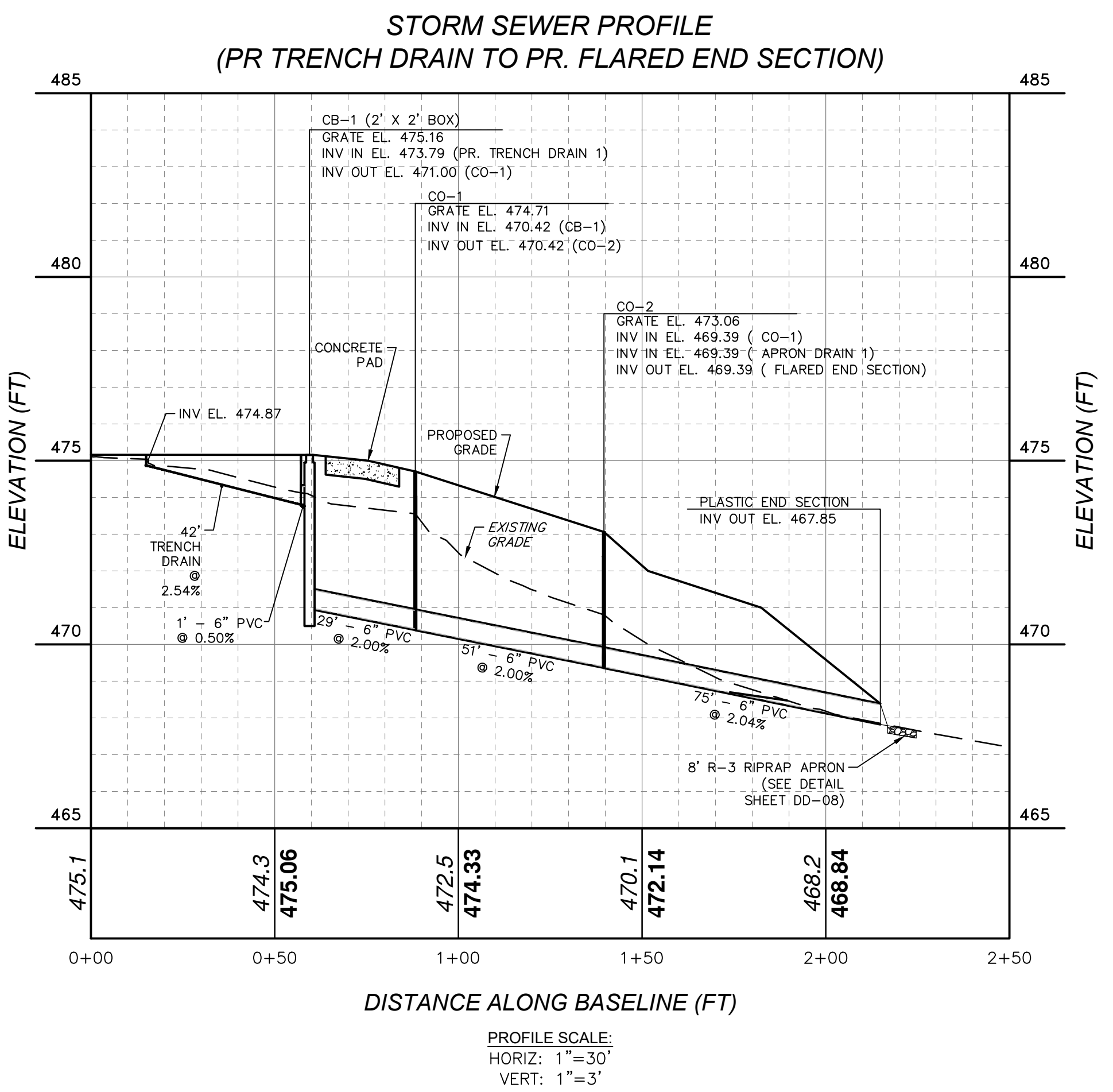
ONE ENGINEERING CENTER
LANDSCAPE ARCHITECTS • PLANNERS • SURVEYORS

48 South Richmond Avenue
P.O. Box 1171
Pike City, TN 37681
TEL: (615) 885-9981

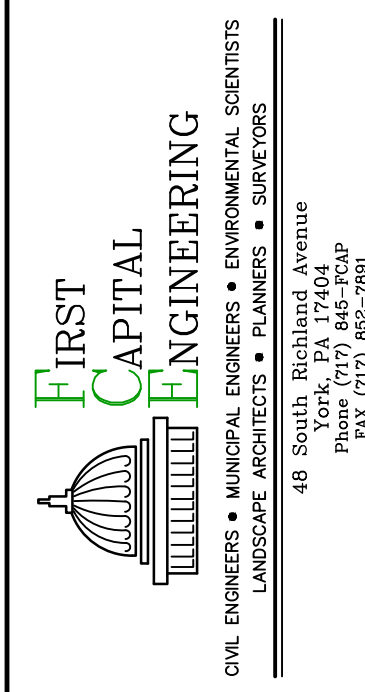
LD-05A

PROJ. MGR.	JL
DESIGN	ARB
CHECKED	JMC
DATE	
REV.	
NO.	
DATE	
BY	

STORM SEWER SCHEDULE (PROPOSED)						
STRUCTURE NO.	TYPE	BOX TYPE	RIM OR GRATE ELEV.	INV. ELEV. (IN)	INV. ELEV. (OUT)	DOWNSTREAM PIPE RUN
CB-1	CB	INLET	475.16	—	471.00 (CO-1)	28'-6" (PVC) @ 2.00%
CO-1	CO	CLEANOUT	474.71	470.42 (CB-1)	470.42 (CO-2)	51'-6" (PVC) @ 2.00%
CO-2	CO	CLEANOUT	473.06	469.39 (CO-1)	469.39 (FLARED END SECTION)	24'-6" (PVC) @ 2.00%
CO-3A	CO	CLEANOUT	469.00	463.00 (APRON DRAIN)	463.02 (CO-3)	5'-12" (SLCPP) @ 0.50%
CO-3	CO	CLEANOUT	468.00	463.00 (APRON DRAIN)	463.99 (I-1)	40'-12" (SLCPP) @ 0.50%
I-1	M	INLET	465.00	462.40 (CO-3)	462.45 (I-2)	94'-15" (SLCPP) @ 0.50%
I-2	M	INLET	470.17	461.98 (I-1)	461.73 (I-3)	210'-18" (SLCPP) @ 0.50%
I-3	M	INLET	470.00	460.68 (I-2)	460.58 (EW-1)	90'-18" (SLCPP) @ 10.61%
EW-1	DW	ENDWALL	453.83	451.00 (I-1)	450.00	—
CO-4A	CO	CLEANOUT	475.00	471.49 (EX. APRON DRAIN)	471.56 (CO-4)	13'-12" (SLCPP) @ 0.50%
CO-4	CO	CLEANOUT	475.00	471.49 (APRON DRAIN 3)	470.99 (I-3)	124'-12" (SLCPP) @ 8.31%
OS-1	OS	OUTLET	452.79	—	450.31 (EW-2)	31'-15" (SLCPP) @ 1.00%
CO-5	CO	CLEANOUT	470.17	—	462.10 (I-2)	24'-12" (SLCPP) @ 0.50%
EW-2	DW	ENDWALL	452.86	451.00 (OS-1)	450.00	—



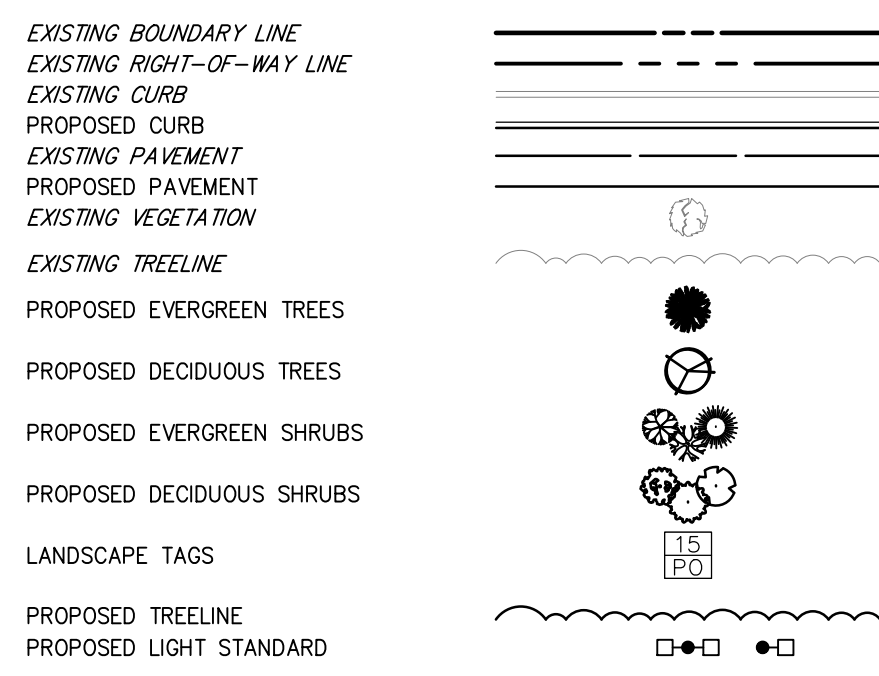
UTILITY PROFILES FOR PA GAME COMMISSION - HEADQUARTERS OFFICE ADDITION FOR COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES PROJECT NO. A-200-0057 Phase 001 SUSQUEHANNA TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA



Job Number 1345-1
 DATE 6/09/2023
 SCALE 1" = 30'
 SHEET LD-06

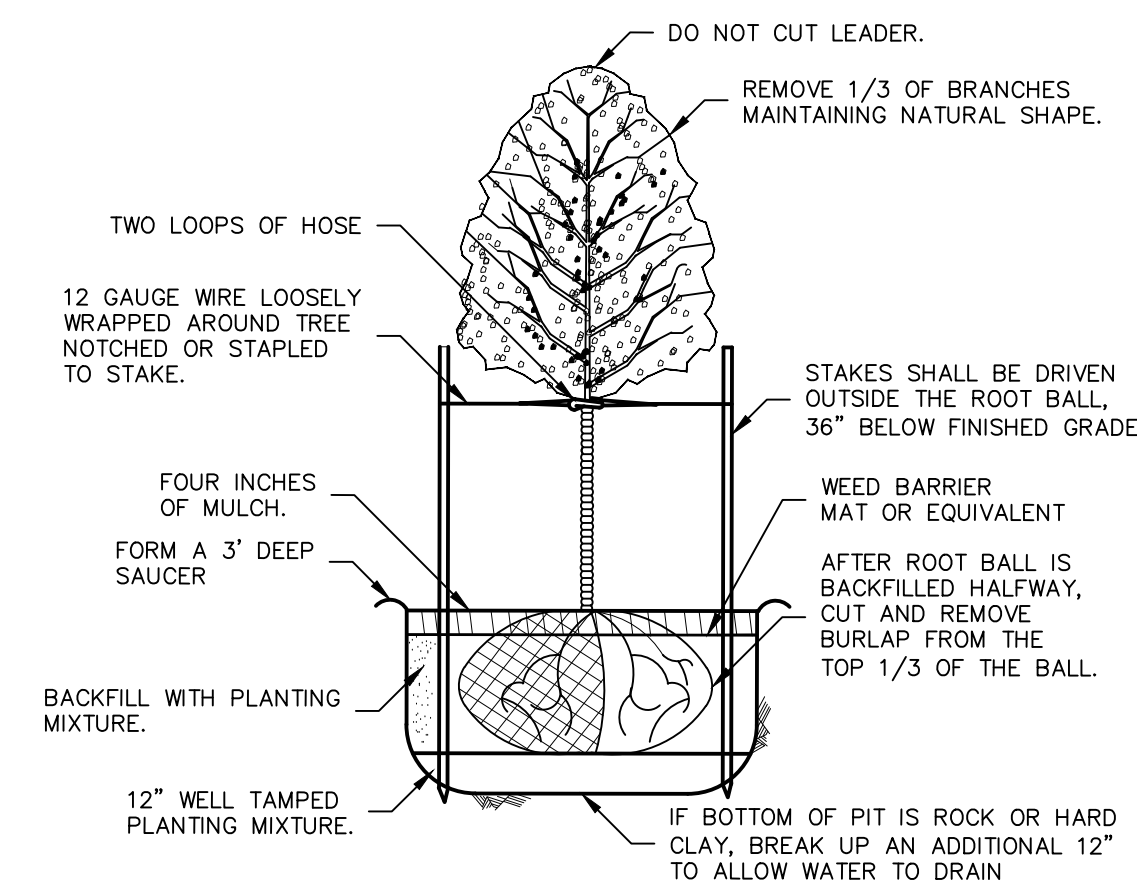
Copyright 2023 by First Capital Engineering, Inc. Pennsylvania Professional Engineer License No. 11504. Date: 6/9/2023. 1345-1-06-0000

LEGEND



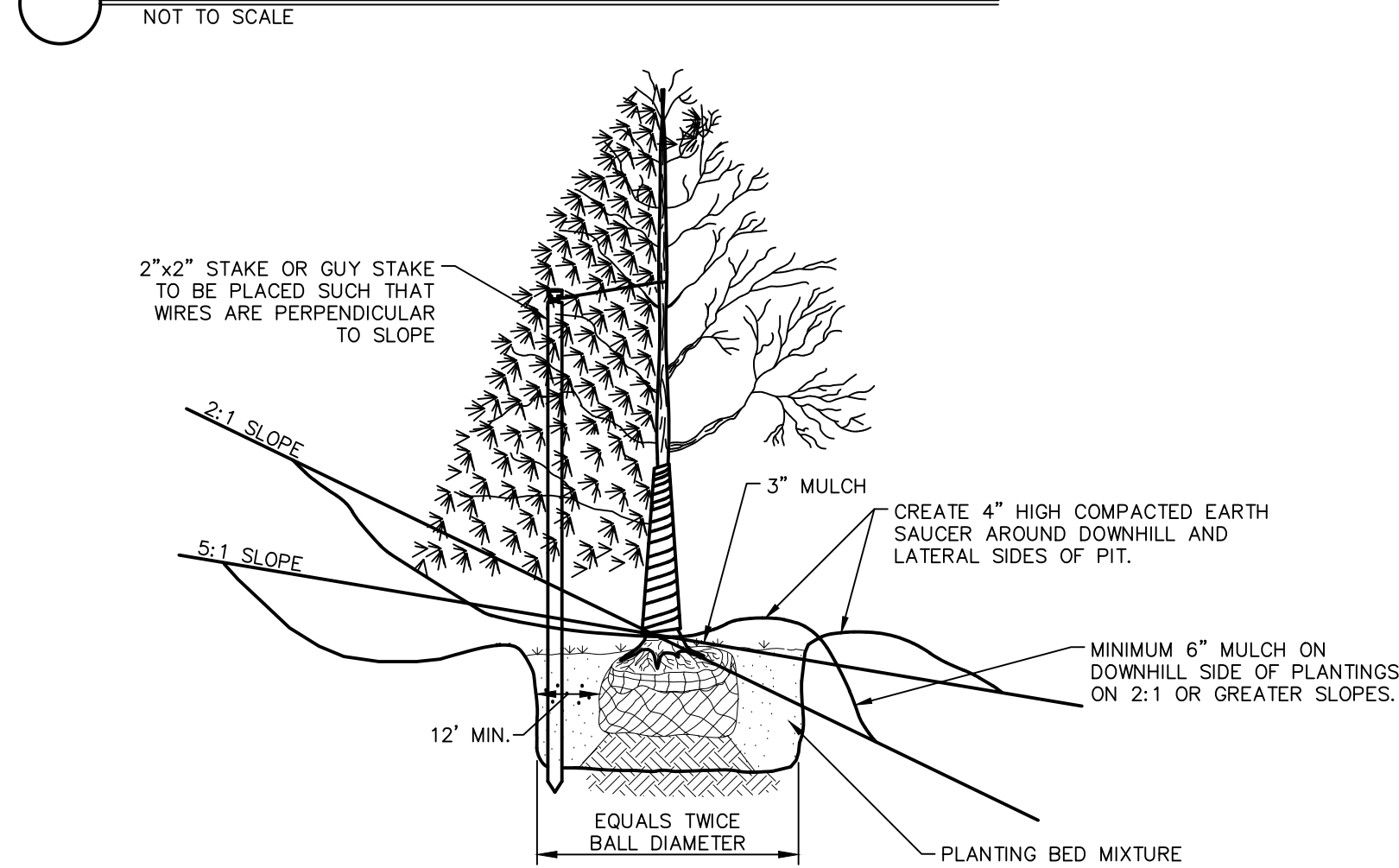
LANDSCAPING NOTES

- 1. ALL PLANT MATERIAL MUST COMPLY AND CONFORM TO THE CODE OF STANDARDS SET FORTH AND CITED IN THE LATEST EDITION BY THE AMERICAN STANDARD NURSERY STOCK, ANSI Z601-7.5, AS AMENDED.
2. TREES ARE TO BE 2 TO 2-1/2" CALIPER DBH, TRUNK FREE OF BRANCHES 5 FT. (UNLESS TREE VARIETY REQUIRES EXCEPTION)...



- NOTES:
1. ALL DECIDUOUS TREES SHALL BE 2-1/2" OR GREATER IN CALIPER: WRAP ENTIRE SURFACE OF TRUNK TO HEIGHT OF FIRST BRANCH.
2. THE TREE WRAP AT THE TOP AND BOTTOM AND AT 18" INTERVALS ALONG THE TRUNK.

DECIDUOUS TREES - PLANTING AND STAKING METHODS

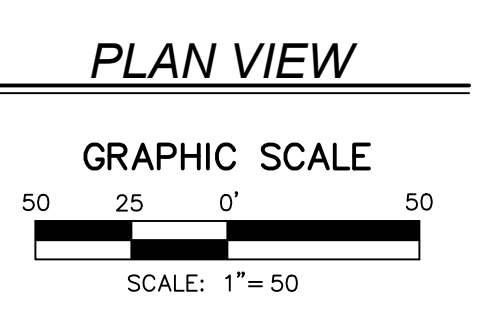
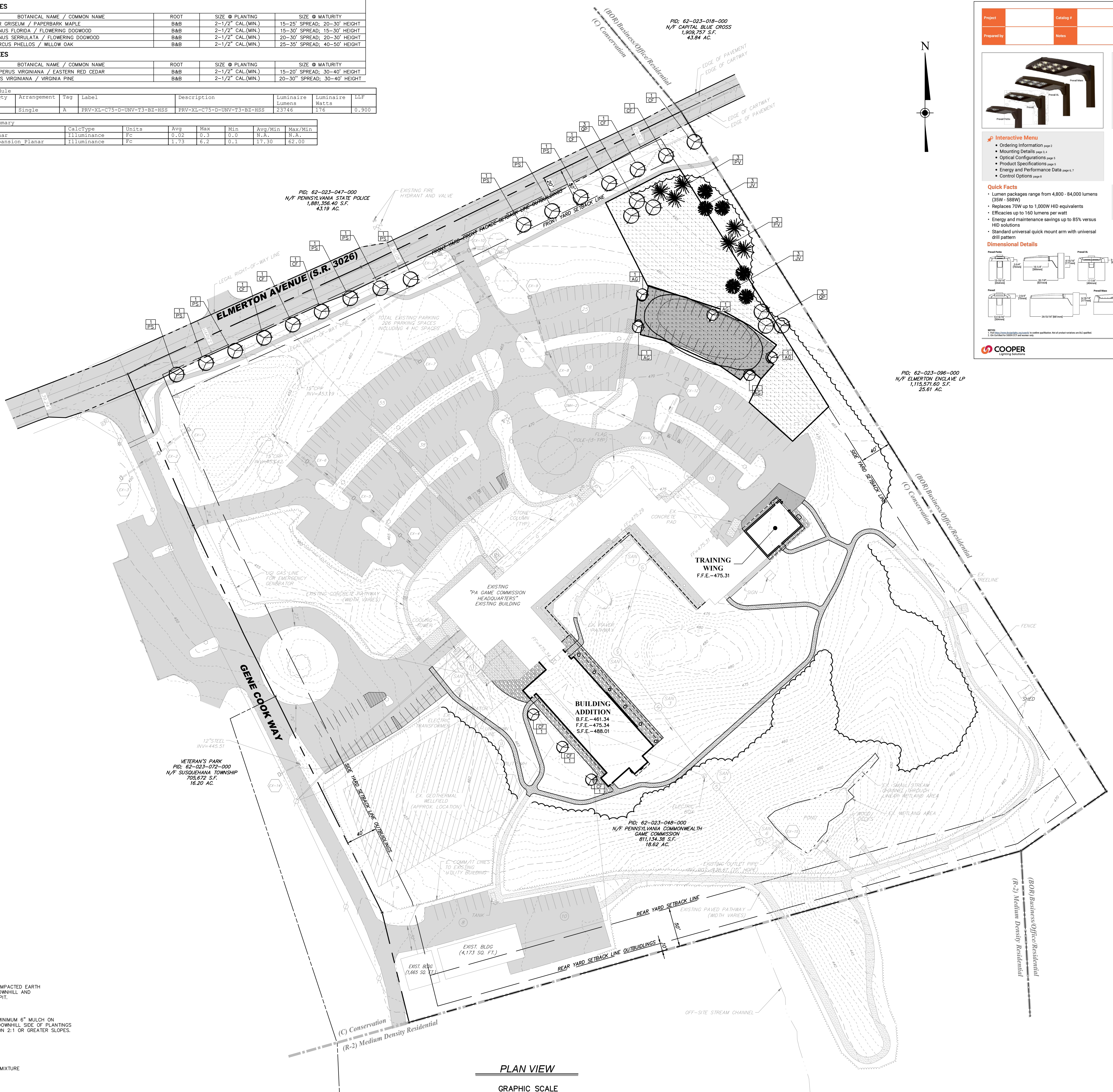


TREE/SHRUB ON SLOPE PLANTING

LANDSCAPE MATERIALS SCHEDULE

Table with columns: KEY, QUAN., BOTANICAL NAME / COMMON NAME, ROOT, SIZE @ PLANTING, SIZE @ MATURITY. Includes sections for Deciduous Trees, Evergreen Trees, and Luminaire Schedule.

Calculation Summary table with columns: Label, CalcType, Units, Avg, Max, Min, Avg/Min, Max/Min. Rows include Over Spill Planar and Parking Lot Expansion Planar.

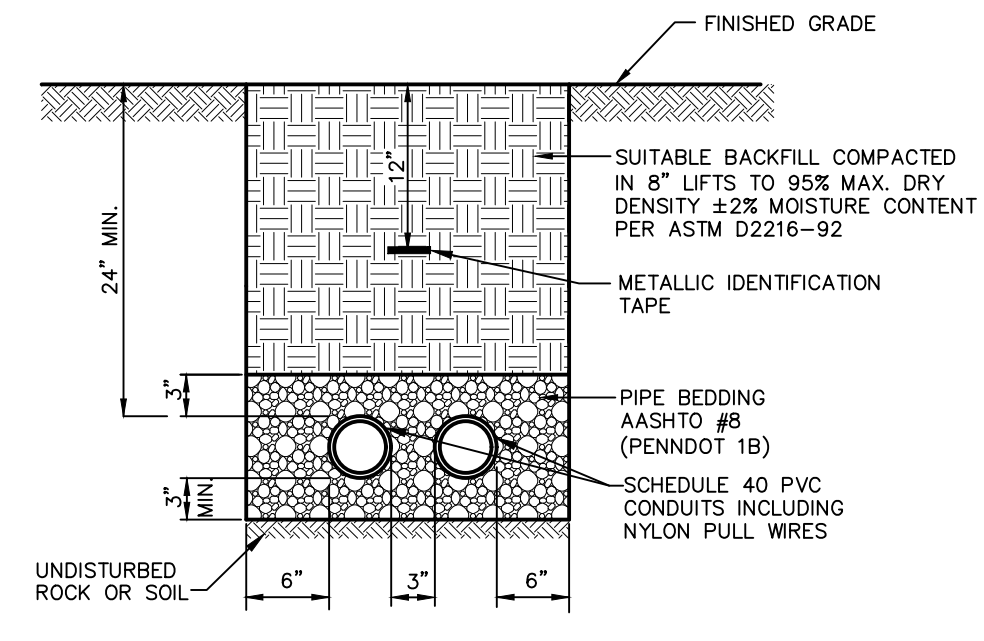


Product information for Lumark Prevail LED, including Area / Site Luminaire, Product Features, Product Certifications, and Connected Systems.

Revision table with columns: No., Date, Description, By.

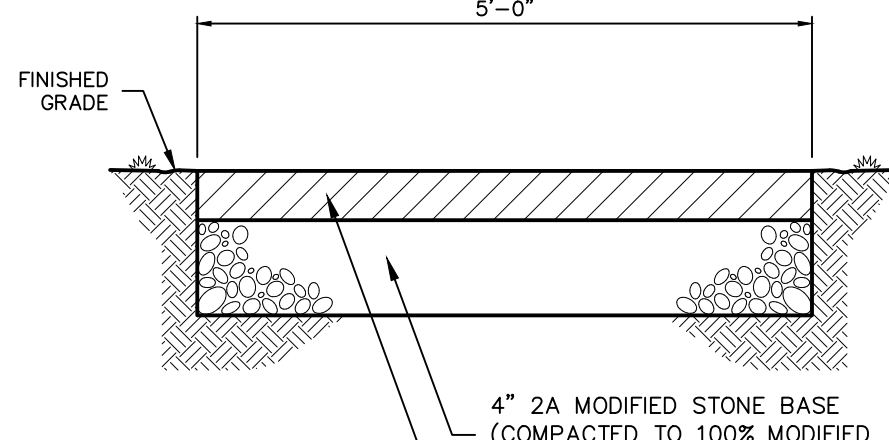
LANDSCAPING & LIGHTING PLAN FOR PA GAME COMMISSION - HEADQUARTERS OFFICE ADDITION

Project information including Job Number (1345-1), Date (6/09/2023), Scale (1" = 50'), and SHEET LD-07.

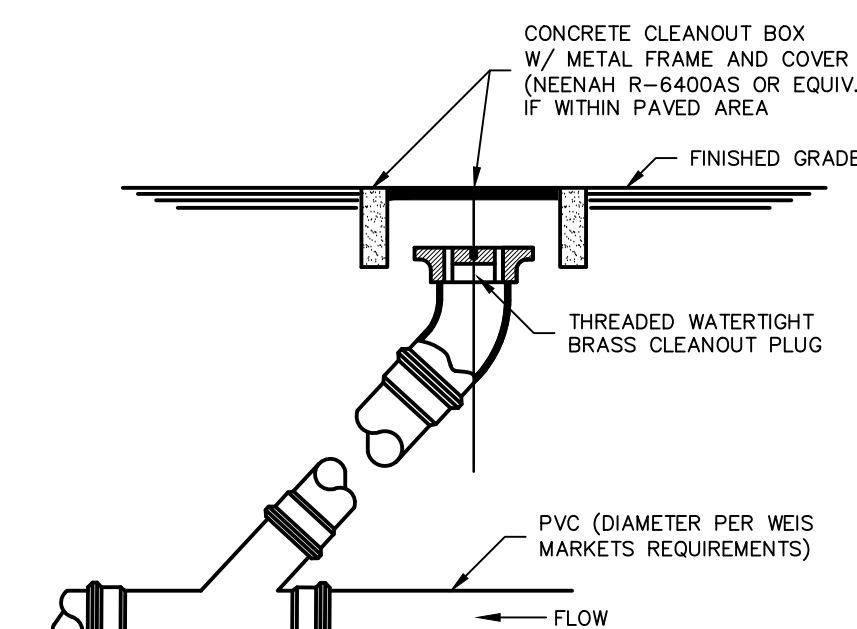


NOTE:
1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH UTILITY COMPANY SPECIFICATIONS.

TYPICAL SITE ELECTRICAL/TELECOMMUNICATIONS TRENCH DETAIL
NOT TO SCALE

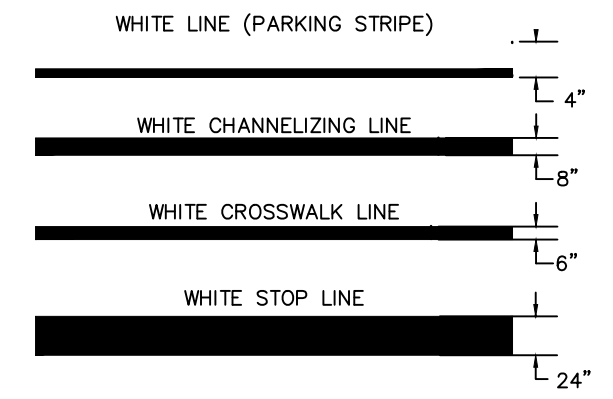


PEDESTRIAN MACADAM WALK DETAIL
NOT TO SCALE



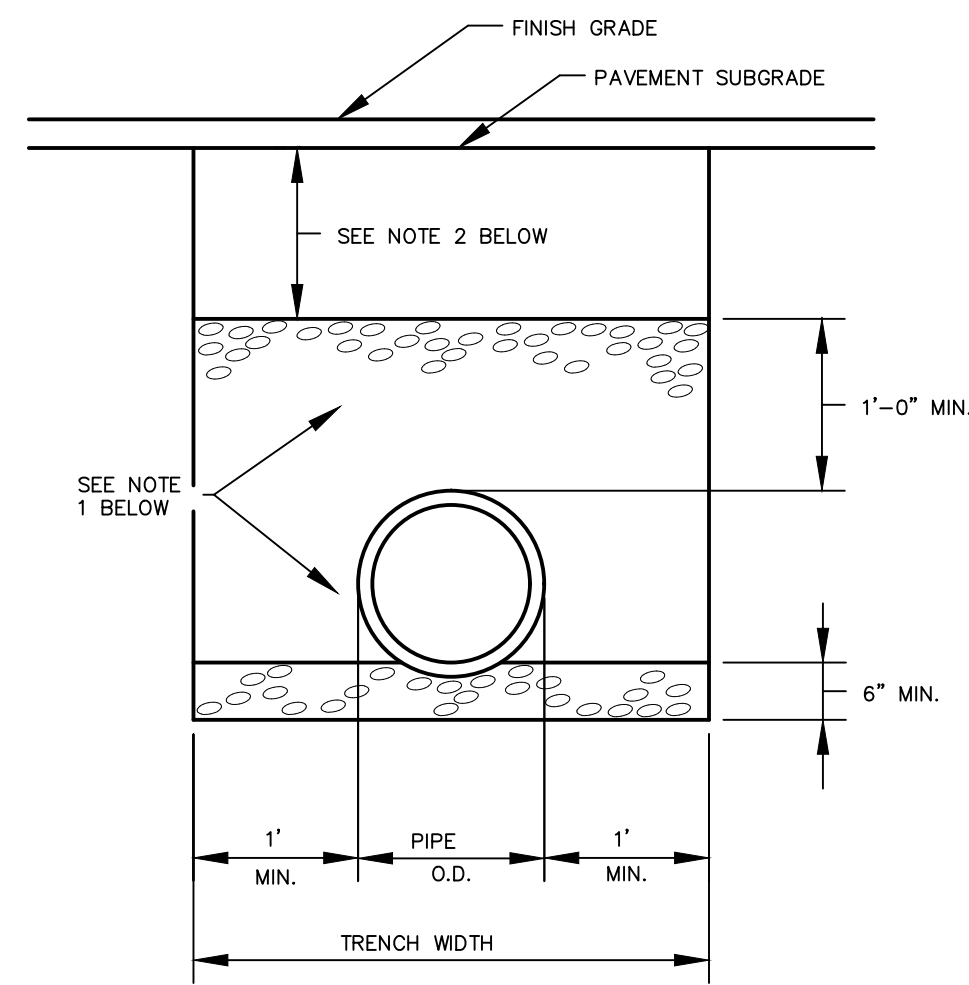
NOTE:
1. G.C. IS TO INSTALL CLEANOUT AT ANY PIPING ANGLE CHANGES & EVERY 50' IN PIPING RUNS GREATER THAN 100' IN LENGTH

CLEANOUT IN PAVED AREAS
NOT TO SCALE



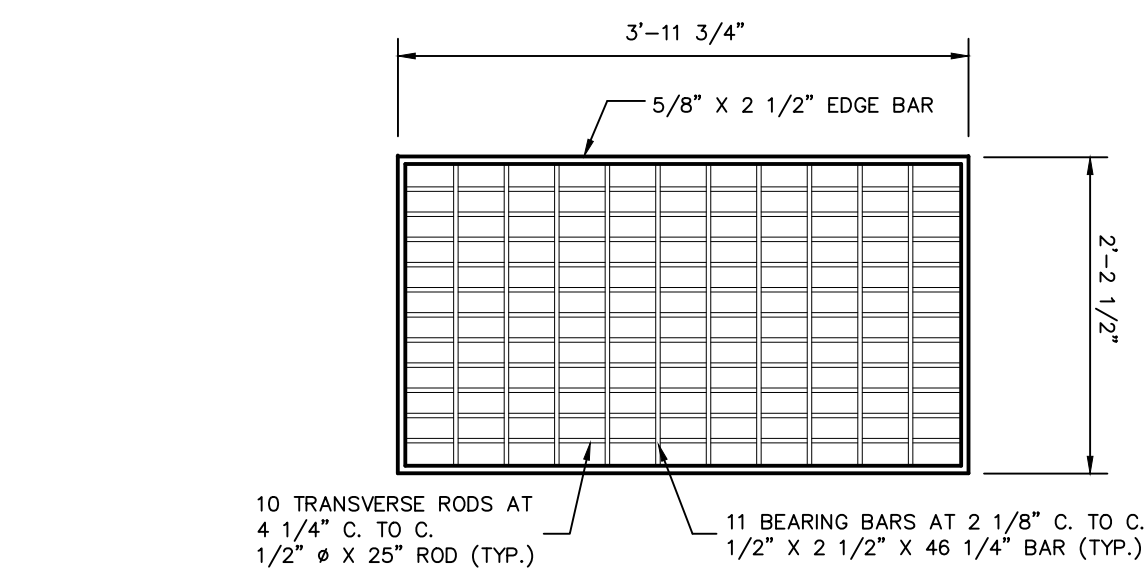
NOTE:
PARKING STRIPES SHALL BE PAVEMENT MARKING PAINT. ALL OTHER MARKINGS INCLUDING STOP BARS, ARROWS, ACCESS AISLES, HANDICAP SYMBOLS, ETC. SHALL BE HOT THERMOPLASTIC.

LINE STRIPING SPECIFICATIONS
NOT TO SCALE

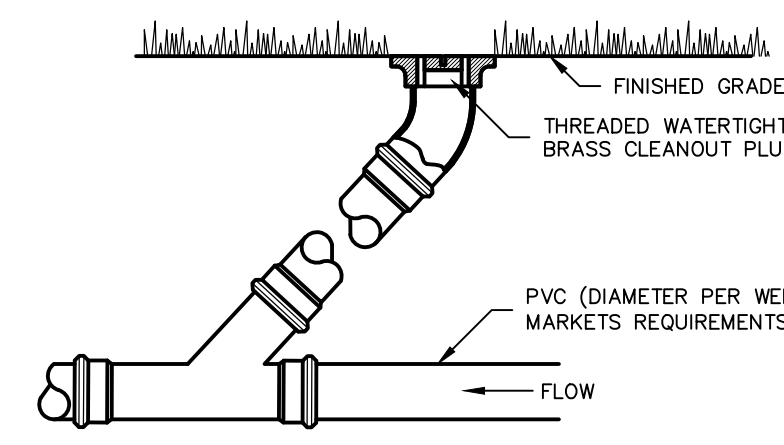


- BEDDING AND BACK FILL NOTES**
- BEDDING
 - MATERIALS FOR PIPE BEDDING AND BACK FILL (TO TOP OF PIPE) SHALL BE AASHTO No.57 COARSE AGGREGATE.
 - PLACE STONE AROUND PIPE BY HAND AND COMPACT IN 6" LAYERS.
 - BACK FILL
 - BACK FILL MATERIAL FOR TRENCHES SHALL BE CLEAN ACCEPTABLE EARTH MATERIAL FREE OF OBJECTIONABLE MATERIALS AND ROCKS OVER 6" IN ANY DIMENSION. BACK FILL TO BE PLACED IN 6" LOOSE LIFTS AND TO BE COMPACTED TO 95% SSD DENSITY.
 - No.57 BEDDING TO EXTEND FULL WIDTH OF PIPE REMOVAL/PIPE INSTALLATION TRENCH.
 - BEDDING IS TO EXTEND A MINIMUM OF 1' AS SHOWN. ADDITIONAL TRENCH WIDTH IS TO BE CLEAN ACCEPTABLE EARTH AS PER NOTE 1 ABOVE.
 - FULL STONE (2 A CRSE. AGGR.) COMPACTED 100% SSD, ON ANY PUBLIC STREET, OR PUBLIC EASMENT AREA.
 - SHORING REQUIRED FOR ALL TRENCHES IN ACCORDANCE WITH OSHA AND APPLICABLE REGULATIONS, LAWS AND SAFETY CODES.

TRENCH BEDDING AND BACK FILL REQUIREMENTS
NOT TO SCALE

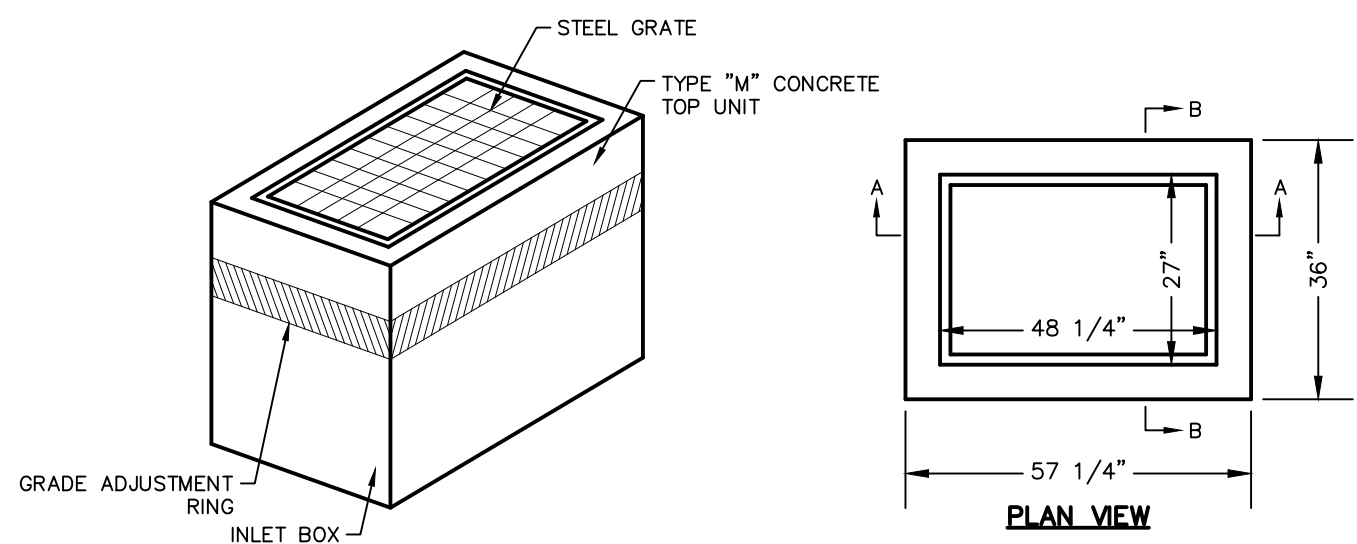


BIKE SAFE GRATE
NOT TO SCALE

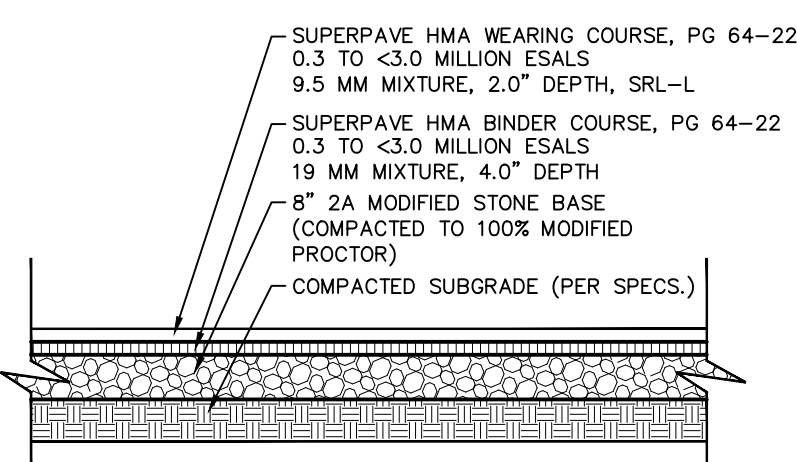


NOTE:
1. G.C. IS TO INSTALL CLEANOUT AT ANY PIPING ANGLE CHANGES & EVERY 50' IN PIPING RUNS GREATER THAN 100' IN LENGTH

CLEANOUT IN LAWN AREAS
NOT TO SCALE

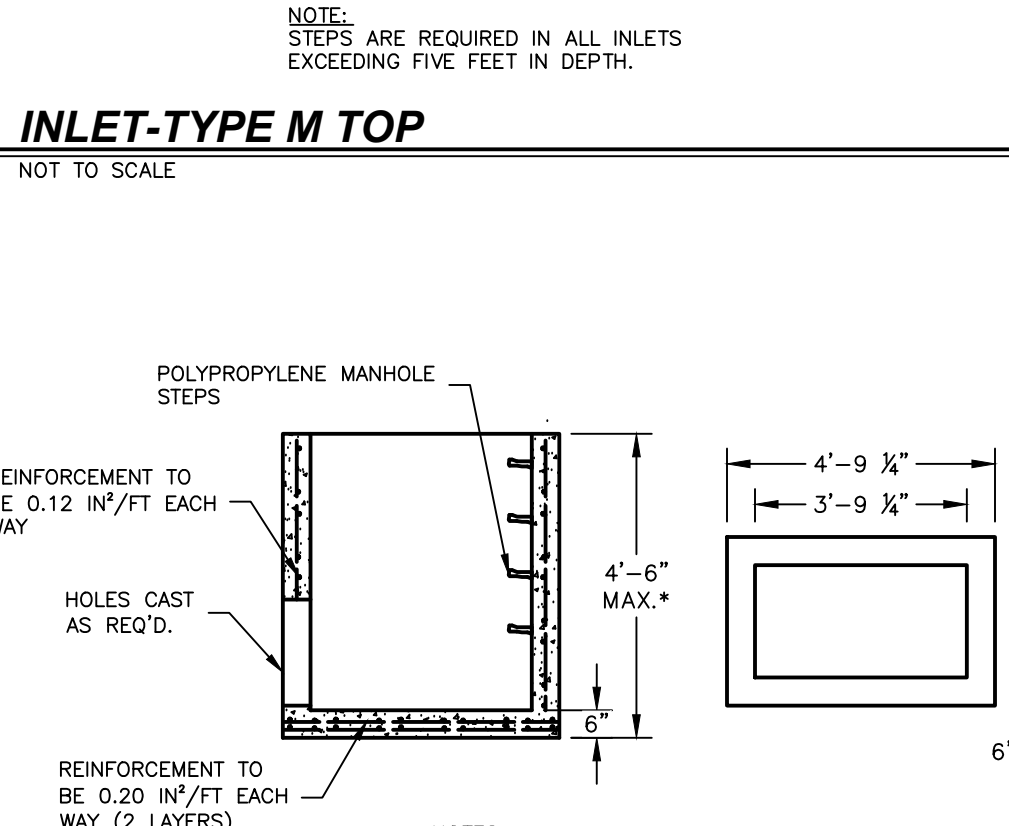


INLET-TYPE M TOP
NOT TO SCALE

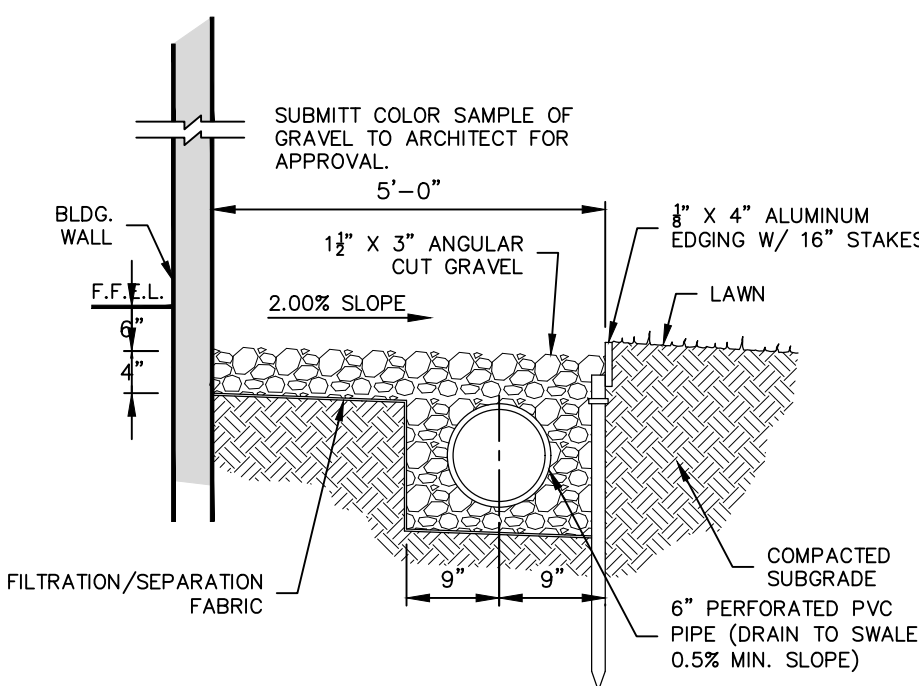


HEAVY DUTY PAVEMENT
NOT TO SCALE

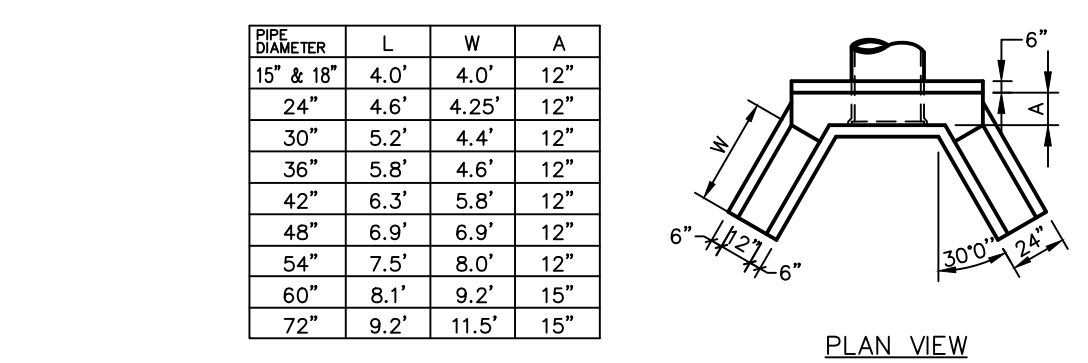
NOTE:
STEPS ARE REQUIRED IN ALL INLETS EXCEEDING FIVE FEET IN DEPTH.



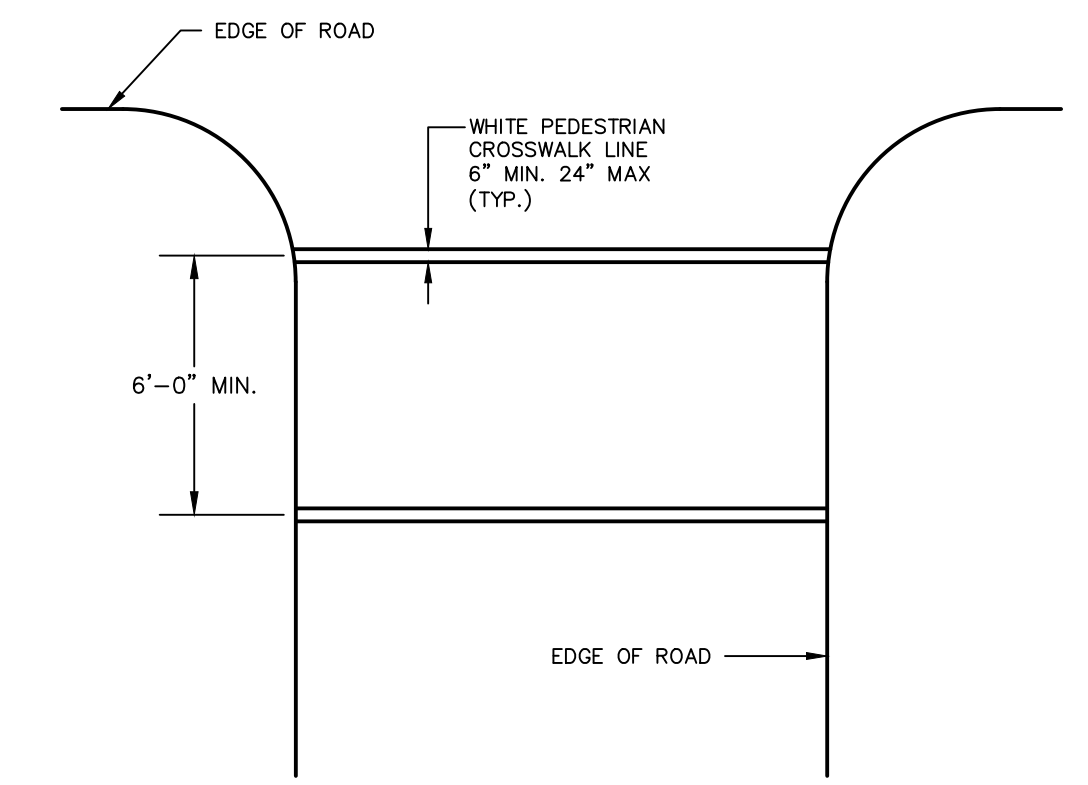
STANDARD INLET BOX
NOT TO SCALE



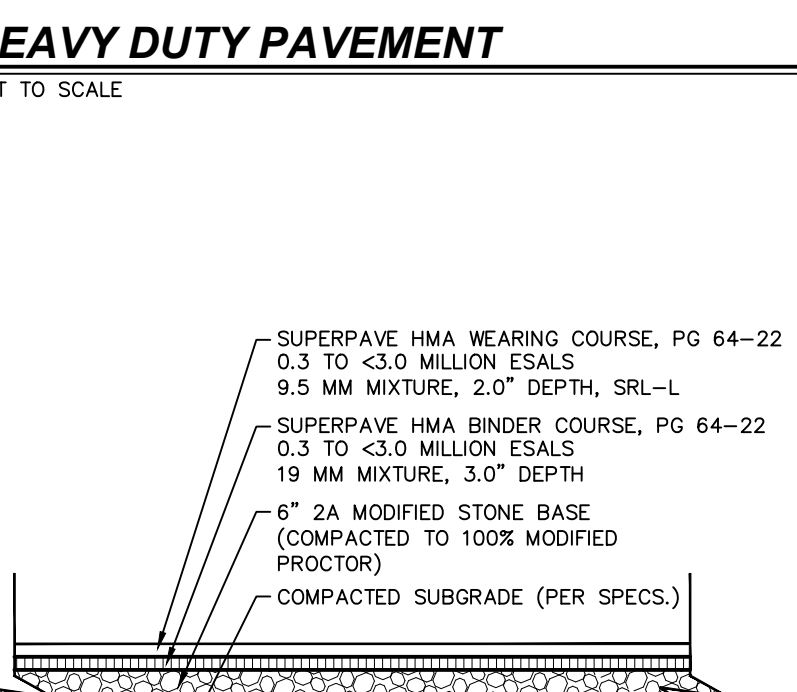
STONE DRAINAGE APRON (TYP.)
NOT TO SCALE



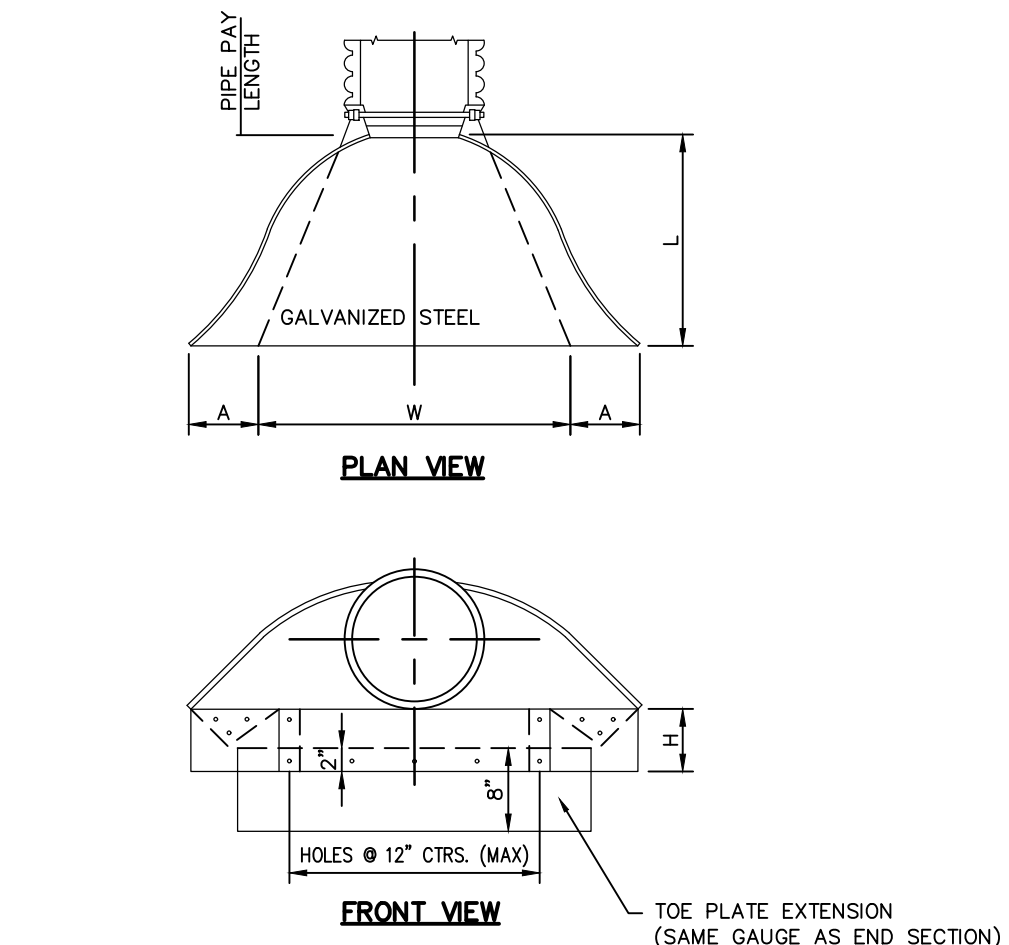
TYPE D-W HEADWALL/ENDWALL
NOT TO SCALE



TYPE A - PARALLEL CROSSWALK
NOT TO SCALE



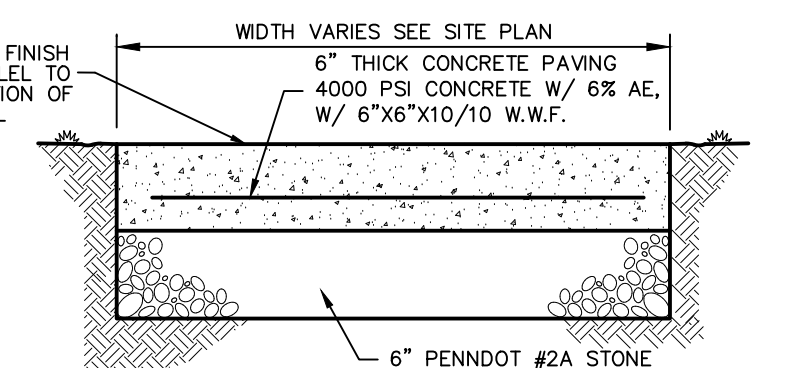
LIGHT DUTY PAVEMENT
NOT TO SCALE



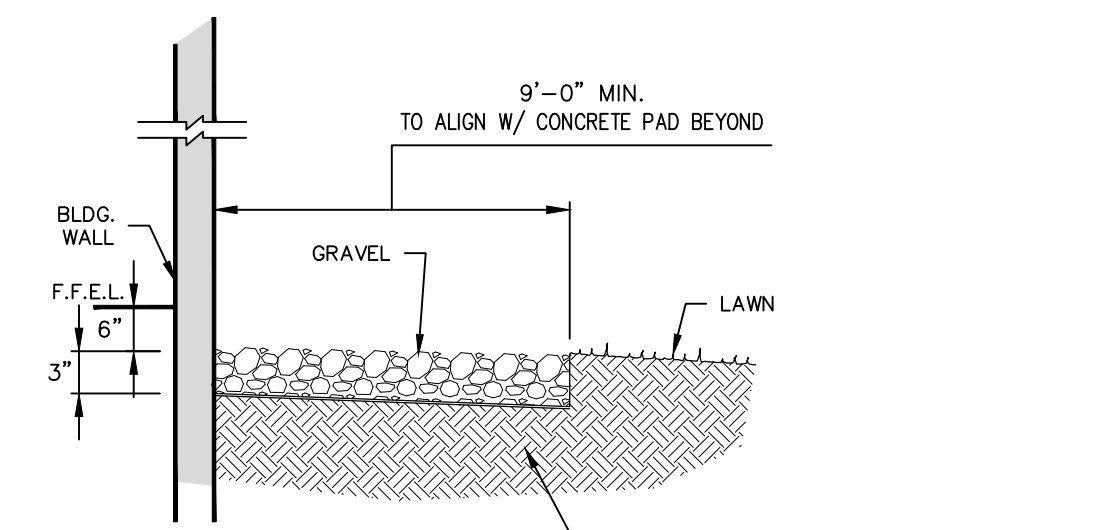
SPR. SIZE	GAUGE	HEIGHT	A	B	H	L	W	SLOPE	OVERALL WIDTH
6"	18"	10"	4"	3"	8"	12"	2"	20°	

- NOTES:
- TOE PLATE EXTENSIONS WHERE SPECIFIED, TO BE PUNCHED TO MATCH HOLES IN APRON I/P. 3/8" BOLTS TO BE FINISHED. LENGTH OF TOE PLATE TO BE AS FOLLOWS:
 - W+10" FRO 12" TO 30" DIA. PIPES INCLUSIVE
 - W+20" FOR 36" TO 60" DIA. PIPES INCLUSIVE
 - MULTIPLE PANEL END SECTIONS SHALL HAVE LAP SEAMS WHICH ARE TO BE TIGHTLY JOINED BY BOLTS, CORNER PLATE, AND TOE PLATE TO BE SAME GAUGE AS END SECTION.
- * - DIMENSIONS IN INCHES PLUS OR MINUS STANDARD SHOP TOLERANCE.

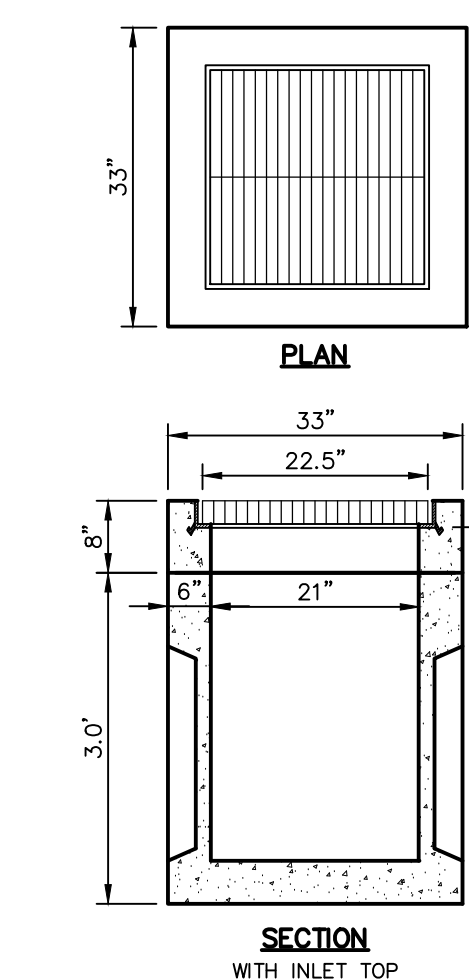
FLARED END SECTION DETAIL
NOT TO SCALE



CONCRETE APRON AT OVERHEAD DOOR
NOT TO SCALE



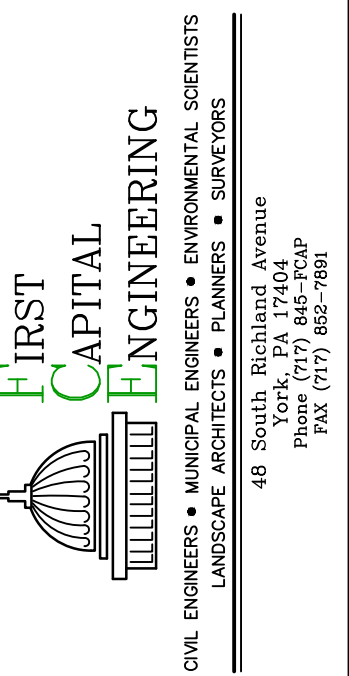
MAINTENANCE STRIP DETAIL @ WEST SIDE OF TRAINING WING ADDITION
NOT TO SCALE



2'X2' INLET
NOT TO SCALE

NO.	DATE	REVISION	BY
1	7/13/23	PER DCDP REVIEW 6/21/23	ARB
1	7/13/23	PER HRG. REVIEW 6/22/23	ARB
1	7/13/23	PER SUSQUEHANNA TWP. STAFF REVIEW 6/22/23	ARB
			JMC
			JLE

CONSTRUCTION DETAILS FOR
PA GAME COMMISSION - HEADQUARTERS OFFICE ADDITION
FOR
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES
PROJECT NO. A-200-0057 Phase 001
SUSQUEHANNA TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA



Job Number
1345-1
DATE: 6/09/2023
SCALE: N.T.S.

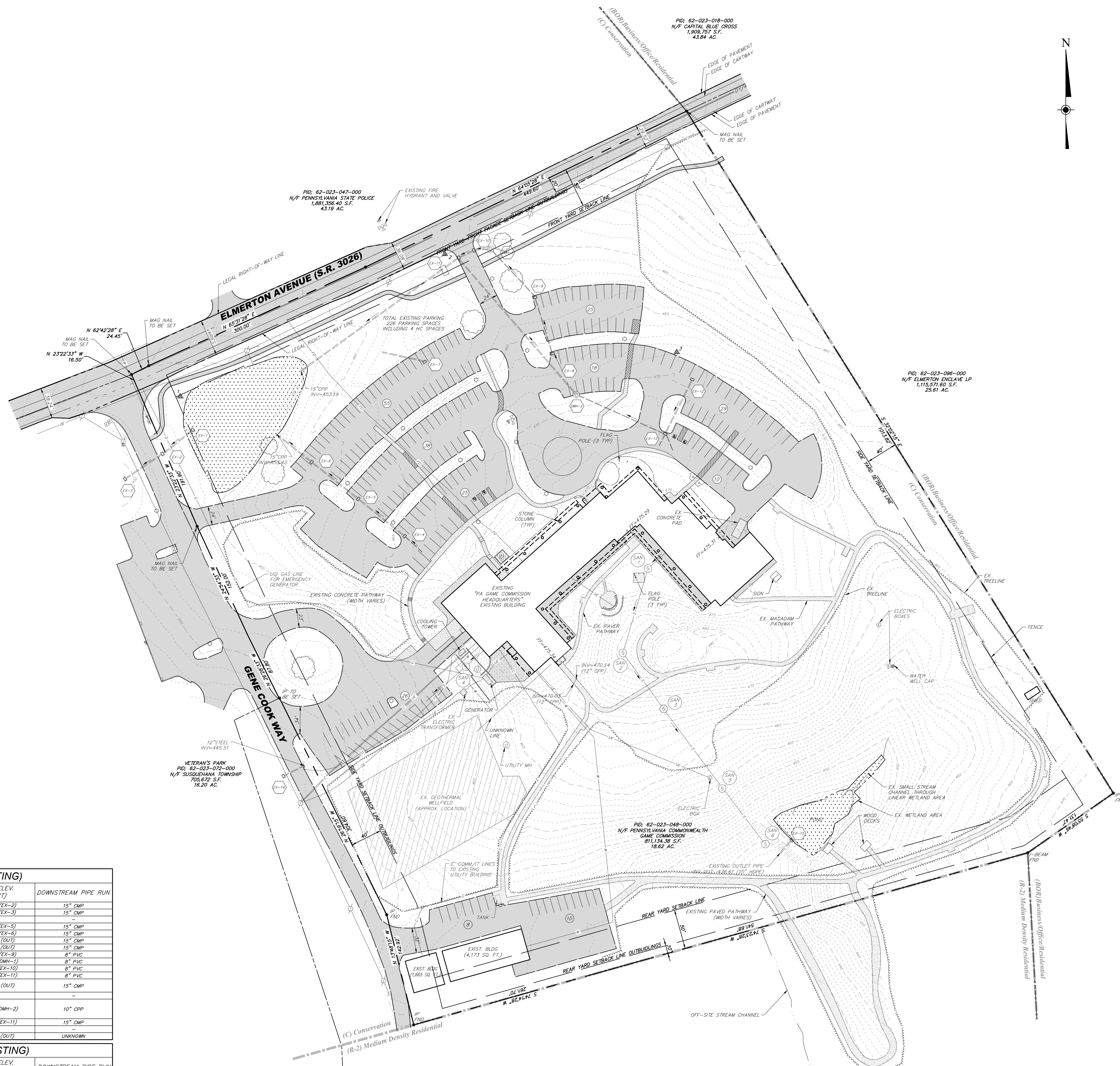
SHEET
LD-08

LEGEND

EXISTING BOUNDARY LINE	---
EXISTING ADJACENT BOUNDARY LINE	---
EXISTING RIGHT-OF-WAY LINE	---
EXISTING CURB	---
EXISTING PAVEMENT	---
EXISTING CONTOUR LINE	---
EXISTING STREAM	---
MUNICIPAL BOUNDARY LINE	---
EXISTING GRAVEL DRIVE	---
EXISTING VEGETATION	---
EXISTING TREELINE	---
EXISTING FENCE	---
EXISTING OVERHEAD ELECTRIC LINE	---
EXISTING UNDERGROUND ELECTRIC LINE	---
EXISTING GUIDE RAIL	---
EXISTING WETLANDS	---
EXISTING UTILITY POLE	---
EXISTING WATER VALVE	---
EXISTING FIRE HYDRANT	---
EXISTING WATER LINE	---
EXISTING SANITARY SEWER MANHOLE	---
EXISTING SANITARY SEWER LINE	---
EXISTING STORM MANHOLE	---
EXISTING STORM INLET	---
EXISTING STORM PIPE	---
EXISTING GAS VALVE	---
EXISTING GAS LINE	---
EXISTING ELECTRIC TRANSFORMER	---
EXISTING ELECTRIC MANHOLE	---
EXISTING COMMUNICATIONS MANHOLE	---
EXISTING CABLE TV BOX	---
EXISTING GAS METER	---
EXISTING GAS MANHOLE	---
EXISTING TELEPHONE BOX	---
EXISTING WATER METER PIT	---
EXISTING WATER MANHOLE	---
EXISTING WELL	---
EXISTING LIGHT STANDARD	---
EXISTING STORM STRUCTURE LABEL	---
EXISTING SANITARY STRUCTURE LABEL	---

LIMIT OF DISTURBANCE (AC)

5.03 ACRES



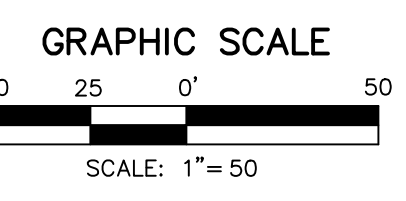
STORM SEWER SCHEDULE (EXISTING)

STRUCTURE NO.	TYPE	BOX TYPE	RIM OR GRATE ELEV.	INV. ELEV. (IN)	INV. ELEV. (OUT)	DOWNSTREAM PIPE RUN
EX-1	M	INLET	452.00	448.01 (EX-1)	449.80 (EX-2)	15" CMP
EX-2	M	INLET	451.21	448.01 (EX-1)	447.91 (EX-3)	15" CMP
EX-3	M	INLET	449.03	446.88 (EX-2)	446.88 (EX-2)	15" CMP
EX-4	M	INLET	455.36	452.96 (EX-4)	451.81 (EX-5)	15" CMP
EX-5	M	INLET	463.21	457.96 (EX-4)	457.86 (EX-6)	15" CMP
EX-6	M	INLET	458.82	454.32 (EX-5)	454.22 (OUT)	15" CMP
EX-7	M	INLET	461.55	458.80 (EX-7)	458.80 (OUT)	15" CMP
EX-8	M	INLET	465.93	462.08 (EX-8)	463.03 (EX-9)	8" PVC
EX-9	M	INLET	462.23	462.08 (EX-8)	459.93 (DMH-1)	8" PVC
DMH-1	MH	STANDARD	461.10	458.90 (EX-9)	458.75 (EX-10)	8" PVC
EX-10	C	INLET	460.24	457.94 (EX-9)	457.74 (EX-11)	8" PVC
EX-11	C	INLET	460.00	457.40 (EX-10)	457.30 (OUT)	15" CMP
EX-12	M	INLET	469.23	466.63 (EX-12)	466.63 (EX-12)	15" CMP
EX-13	M	INLET	471.81	466.31 (EX-12)	466.21 (DMH-2)	10" CPP
DMH-2	MH	STANDARD	468.26	465.29 (EX-13)	465.19 (EX-11)	15" CMP
EX-14	M	INLET	445.45	443.30 (12" STEEL)	---	---
EX-15	M	INLET	444.60	---	438.71 (OUT)	UNKNOWN

SANITARY SEWER SCHEDULE (EXISTING)

STRUCTURE NO.	TYPE	BOX TYPE	RIM OR GRATE ELEV.	INV. ELEV. (IN)	INV. ELEV. (OUT)	DOWNSTREAM PIPE RUN
SAN-1	MH	STANDARD	474.15	469.05 (BUILDING)	468.85 (SAN-2)	8" PVC
SAN-2	MH	STANDARD	481.13	468.38 (SAN-1)	468.38 (SAN-3)	8" PVC
SAN-3	MH	STANDARD	471.97	466.97 (SAN-2)	466.67 (TO SAN-5)	8" PVC
SAN-4	MH	STANDARD	461.02	455.82 (BUILDING)	455.72 (OUT)	8" PVC
SAN-5	MH	STANDARD	459.40	453.66 (FROM SAN 3)	453.70 (TO SAN-6)	8" PVC
SAN-6	MH	STANDARD	439.52	432.95 (FROM SAN 5)	432.93 (OUT)	8" PVC

PLAN VIEW



PROJ. MGR.	JL
DESIGN	ARB
CHECKED	JMC
DATE	7/13/23
REVISED	7/13/23
BY	ARB
DATE	7/13/23
REVISED	7/13/23
BY	ARB
DATE	7/13/23
REVISED	7/13/23
BY	ARB

EXISTING CONDITIONS FOR PA GAME COMMISSION - HEADQUARTERS OFFICE ADDITION

FOR COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES
PROJECT NO. A-200-0057 Phase 001
SUSQUEHANNA TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA

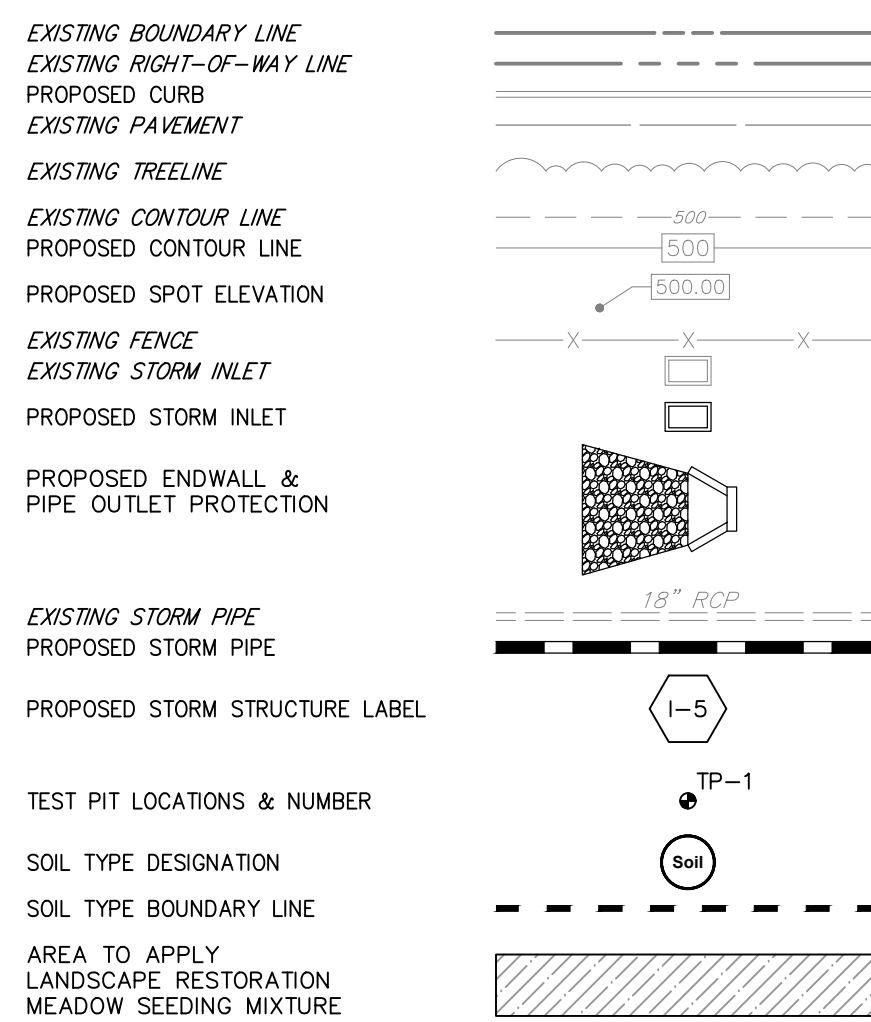
Job Number: 1345-1
DATE: 6/09/2023
SCALE: 1" = 50'

FIRST CAPITAL ENGINEERING

ONE DUNDAS AVENUE, SUITE 200, WILKES BARRE, PA 18250
TEL: 717-850-1111 FAX: 717-850-1111

SHEET PCSM-01

LEGEND



SOIL CLASSIFICATION

BM2: BERKS SHALY SILT LOAM:
3 TO 8% SLOPES
HYDROLOGIC SOIL GROUP: B
B/C2: BERKS CHANNELLY SILT LOAM:
3 TO 8% SLOPES
HYDROLOGIC SOIL GROUP: B
B/C3: BERKS CHANNELLY SILT LOAM:
15 TO 25% SLOPES
HYDROLOGIC SOIL GROUP: B

RECEIVING WATER CLASSIFICATION & WATER QUALITY DESIGNATION

TRIBUTARY TO MANADA CREEK
TRIBUTARY TO BOW CREEK

LIMIT OF DISTURBANCE (AC)



NOTES

- AN OPERATION AND MAINTENANCE AGREEMENT SHALL BE EXECUTED WITH THE TOWNSHIP PRIOR TO FINAL PLAN RECORDING. THE O&M AGREEMENT IS PART OF THE STORMWATER SITE PLAN.
- RECORD DRAWINGS WILL BE PROVIDED FOR ALL THE STORMWATER MANAGEMENT FACILITIES PRIOR TO OCCUPANCY, OR THE RELEASE OF FINANCIAL SECURITY.

OWNER'S STORMWATER CERTIFICATION

I, _____, ACKNOWLEDGE THAT THE STORMWATER BMP'S ARE FIXTURES THAT CANNOT BE ALTERED OR REMOVED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY.

TITLE _____
DATE _____

WETLAND CERTIFICATION

I, _____, HEREBY CERTIFY THAT, THERE ARE/ARE NOT WETLANDS ON THE SUBJECT PROPERTY. THE PROPOSED PROJECT (WILL/WILL NOT) IMPACT OFF-SITE WETLANDS AND PERMITS (ARE/ARE NOT) REQUIRED FROM THE STATE AND FEDERAL GOVERNMENT.

2023
SIGNATURE AND SEAL OF A PROFESSIONAL REGISTERED IN COMMONWEALTH OF PENNSYLVANIA AS QUALIFIED TO PERFORM SUCH DUTIES AND RESPONSIBLE FOR THE PREPARATION OF THE PLAN.

STORM SEWER SCHEDULE (PROPOSED)

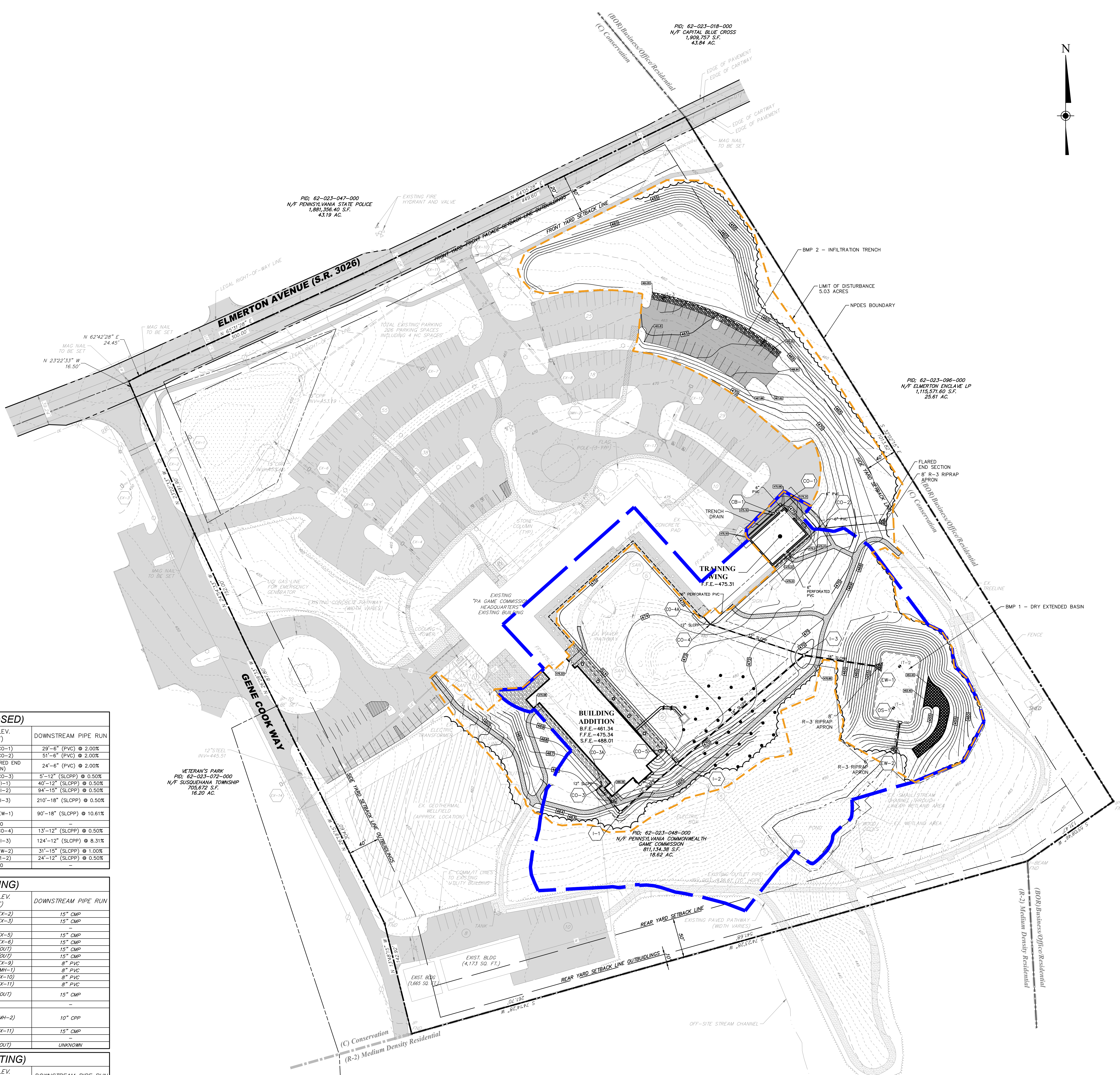
STRUCTURE NO.	TYPE	BOX TYPE	RIM OR GRATE ELEV.	INV. ELEV. (IN)	INV. ELEV. (OUT)	DOWNSTREAM PIPE RUN
CB-1	CB	INLET	475.16	470.42 (CB-1)	471.00 (CO-1)	29'-6" (PVC) @ 2.00%
CO-1	CO	CLEANOUT	474.71	470.42 (CB-1)	470.42 (CO-2)	51'-6" (PVC) @ 2.00%
CO-2	CO	CLEANOUT	473.06	469.39 (CO-1)	469.39 (FLARED END SECTION)	24'-6" (PVC) @ 2.00%
CO-3A	CO	CLEANOUT	469.00	463.02 (CO-3)	463.02 (CO-3)	5'-12" (SLOPP) @ 0.50%
CO-3	CO	CLEANOUT	468.00	463.00 (APRON DRAIN)	462.90 (I-1)	40'-12" (SLOPP) @ 0.50%
I-1	M	INLET	465.00	462.40 (CO-3)	462.45 (I-2)	94'-15" (SLOPP) @ 0.50%
I-2	M	INLET	470.17	461.98 (I-1)	461.73 (I-3)	210'-18" (SLOPP) @ 0.50%
I-3	M	INLET	470.00	460.68 (I-2)	460.58 (EW-1)	90'-18" (SLOPP) @ 10.61%
DW-1	DW	ENDWALL	453.83	451.00 (I-1)	450.00	-
CO-4A	CO	CLEANOUT	475.00	471.56 (CO-4)	471.56 (CO-4)	13'-12" (SLOPP) @ 0.50%
CO-4	CO	CLEANOUT	475.00	471.49 (EX. APRON DRAIN)	470.99 (I-3)	124'-12" (SLOPP) @ 8.31%
OS-1	OS	OUTLET	452.79	450.31 (EW-2)	450.31 (EW-2)	31'-15" (SLOPP) @ 1.00%
CO-5	CO	CLEANOUT	470.17	462.10 (I-2)	462.10 (I-2)	24'-12" (SLOPP) @ 0.50%
EW-2	DW	ENDWALL	452.86	451.00 (OS-1)	450.00	-

STORM SEWER SCHEDULE (EXISTING)

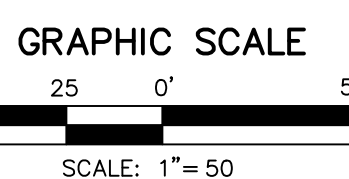
STRUCTURE NO.	TYPE	BOX TYPE	RIM OR GRATE ELEV.	INV. ELEV. (IN)	INV. ELEV. (OUT)	DOWNSTREAM PIPE RUN
EX-1	M	INLET	452.00	448.01 (EX-1)	449.80 (EX-2)	15" CMP
EX-2	M	INLET	451.21	448.01 (EX-1)	447.91 (EX-3)	15" CMP
EX-3	M	INLET	449.03	446.88 (EX-2)	446.88 (EX-2)	15" CMP
EX-4	M	INLET	453.36	452.36 (EX-4)	451.91 (EX-5)	15" CMP
EX-5	M	INLET	463.21	457.96 (EX-4)	457.86 (EX-6)	15" CMP
EX-6	M	INLET	458.82	454.32 (EX-5)	454.22 (OUT)	15" CMP
EX-7	M	INLET	461.55	458.80 (EX-7)	458.80 (OUT)	15" CMP
EX-8	M	INLET	465.93	463.03 (EX-8)	463.03 (EX-9)	8" PVC
EX-9	M	INLET	462.23	460.08 (EX-8)	459.93 (DMH-1)	8" PVC
DMH-1	MH	STANDARD	461.10	458.90 (EX-9)	458.75 (EX-10)	8" PVC
EX-10	C	INLET	460.24	457.94 (DMH-1)	457.74 (EX-11)	8" PVC
EX-11	C	INLET	460.00	457.40 (EX-10)	457.30 (DMH-2)	15" CMP
EX-12	M	INLET	469.23	466.63 (EX-13)	-	-
EX-13	M	INLET	471.81	466.31 (EX-12)	466.21 (DMH-2)	10" CPP
DMH-2	MH	STANDARD	468.26	465.29 (EX-13)	465.19 (EX-11)	15" CMP
EX-14	M	INLET	445.45	443.30 (12" STEEL)	-	-
EX-15	M	INLET	444.60	-	438.71 (OUT)	UNKNOWN

SANITARY SEWER SCHEDULE (EXISTING)

STRUCTURE NO.	TYPE	BOX TYPE	RIM OR GRATE ELEV.	INV. ELEV. (IN)	INV. ELEV. (OUT)	DOWNSTREAM PIPE RUN
SAN-1	MH	STANDARD	474.15	469.05 (BUILDING)	468.85 (SAN-2)	8" PVC
SAN-2	MH	STANDARD	481.13	468.38 (SAN-1)	468.38 (SAN-3)	8" PVC
SAN-3	MH	STANDARD	471.97	466.97 (SAN-2)	466.67 (TO SAN-5)	8" PVC
SAN-4	MH	STANDARD	461.02	455.82 (BUILDING)	455.72 (OUT)	8" PVC
SAN-5	MH	STANDARD	459.40	453.66 (FROM SAN 3)	453.70 (TO SAN-6)	8" PVC
SAN-6	MH	STANDARD	439.52	432.95 (FROM SAN 5)	432.93 (OUT)	8" PVC



PLAN VIEW



PROJ. MGR.	JL
DESIGN	ARB
CHECKED	JMC
DATE	7/13/23
REVISION	1

POST CONSTRUCTION STORMWATER MANAGEMENT PLAN
FOR
PA GAME COMMISSION - HEADQUARTERS OFFICE ADDITION
FOR
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES
PROJECT NO. A-200-0057 Phase 001
SUSQUEHANNA TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA

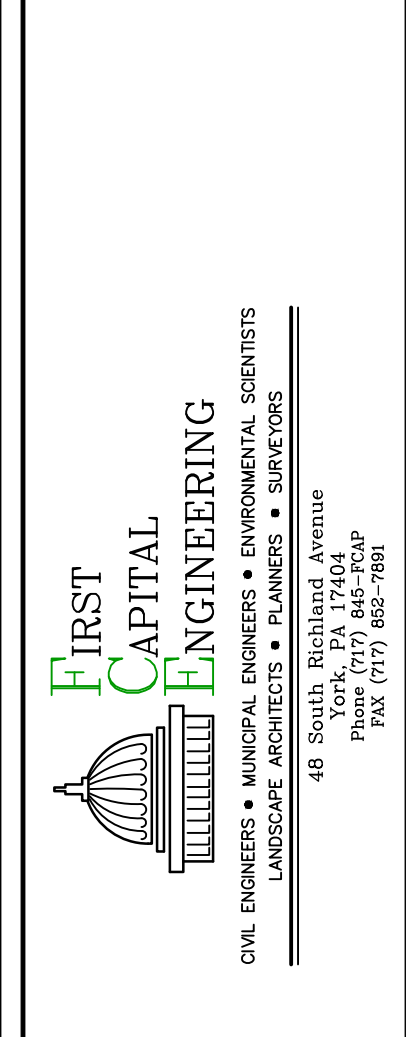
Job Number: 1345-1
DATE: 6/09/2023
SCALE: 1" = 50'
SHEET PCSM-02

First Capital Engineering, Inc.
18 South Richard Avenue
P.O. Box 107180
Philadelphia, PA 19108-0718
Tel: (215) 381-9981

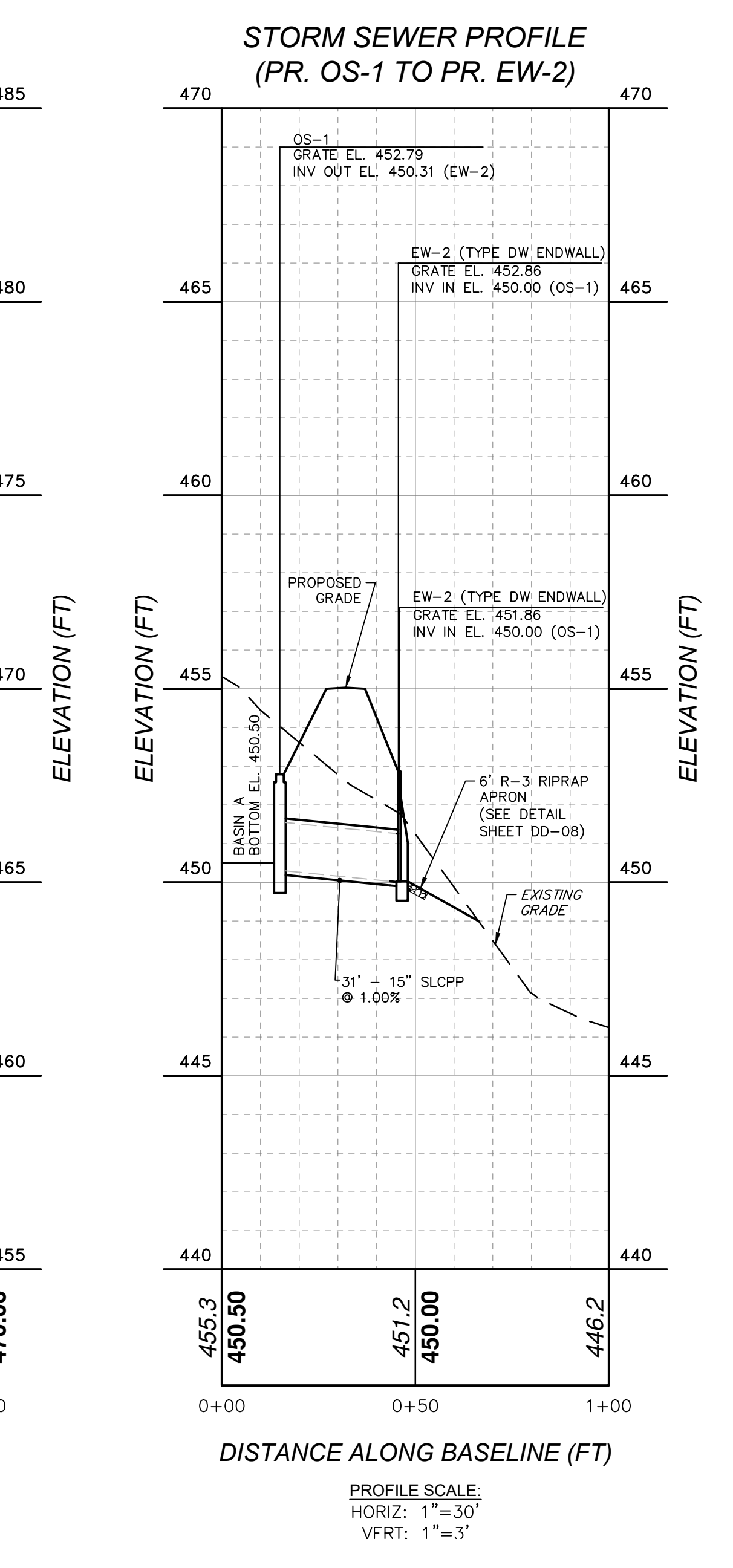
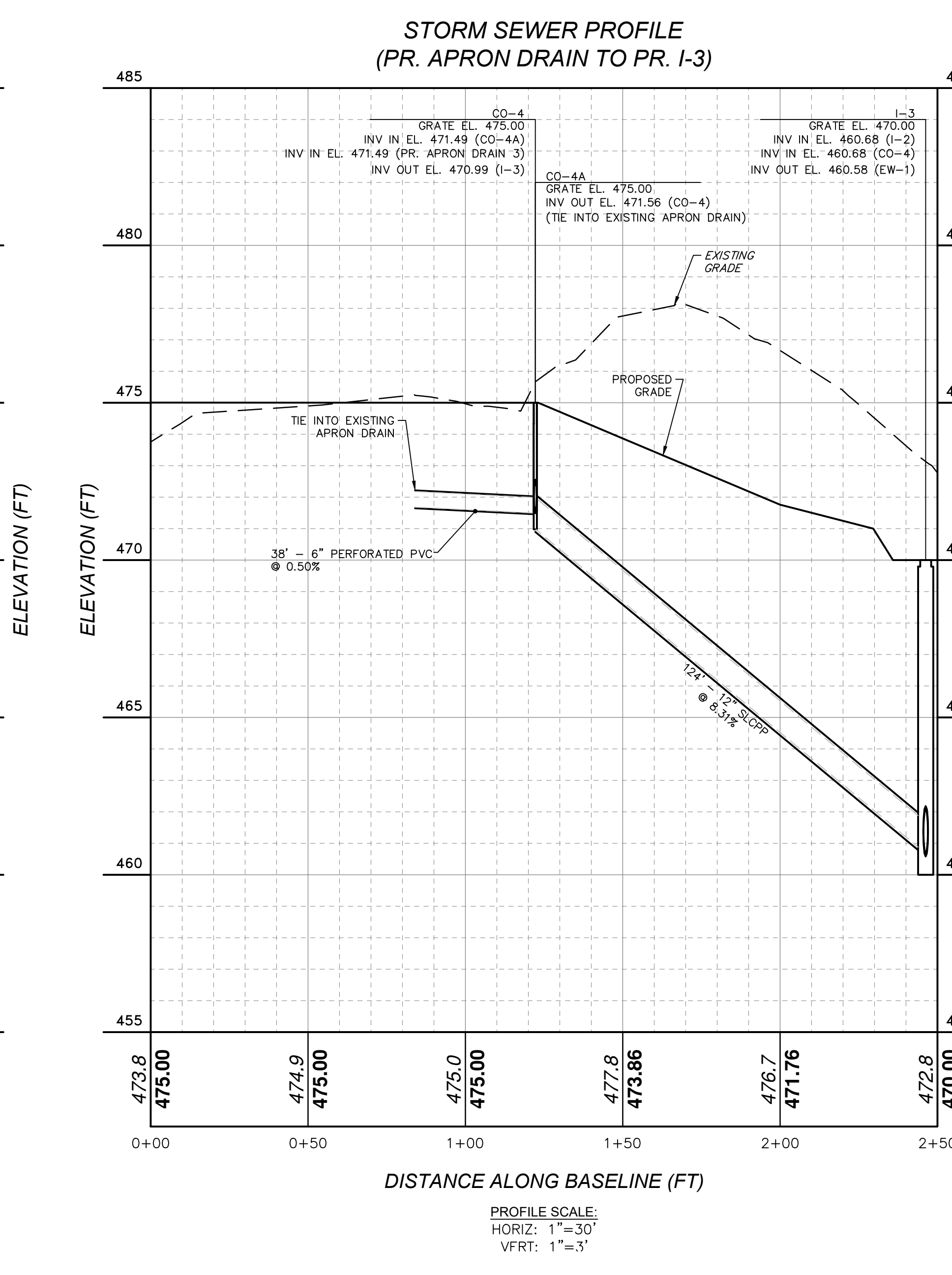
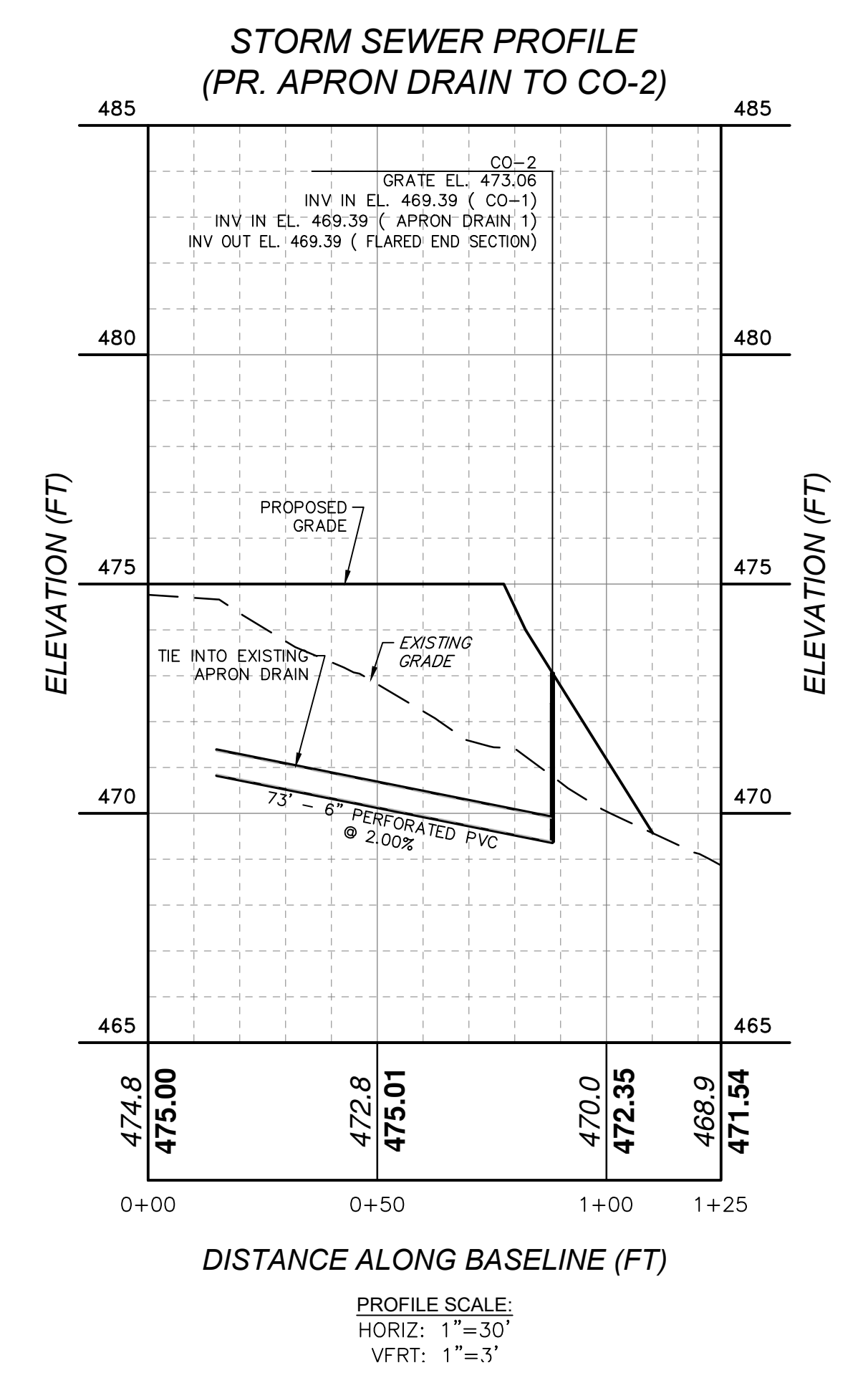
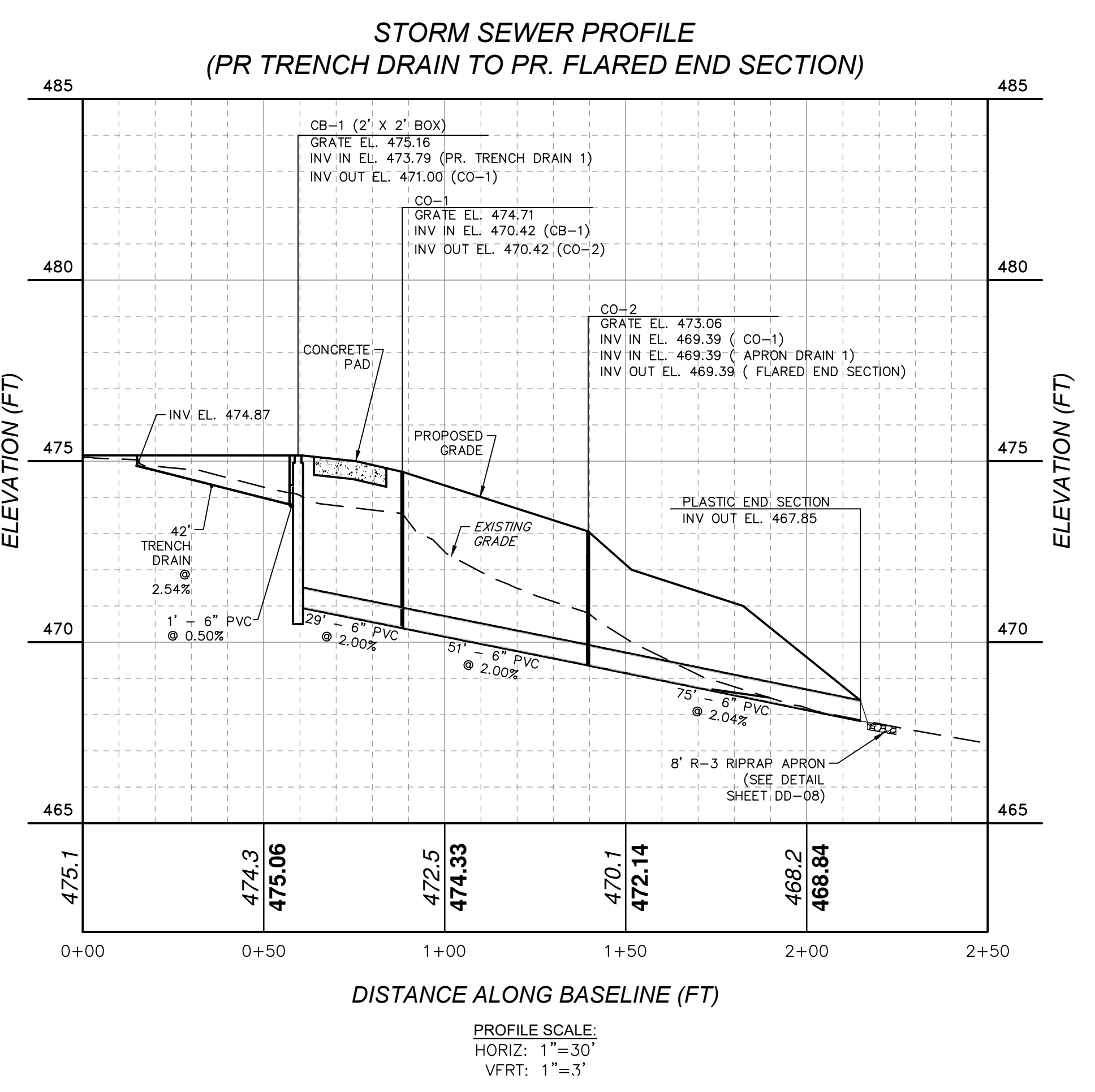
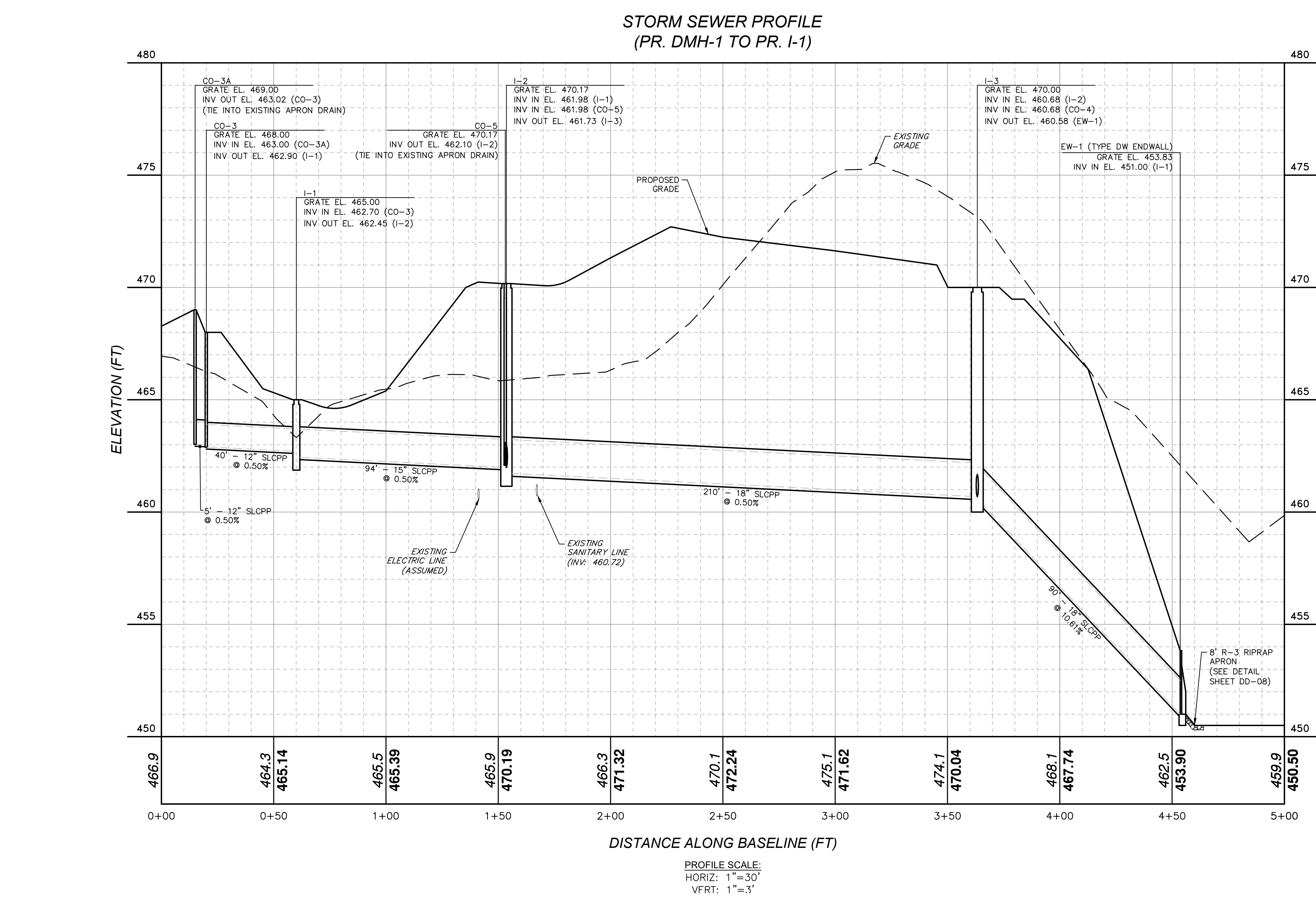
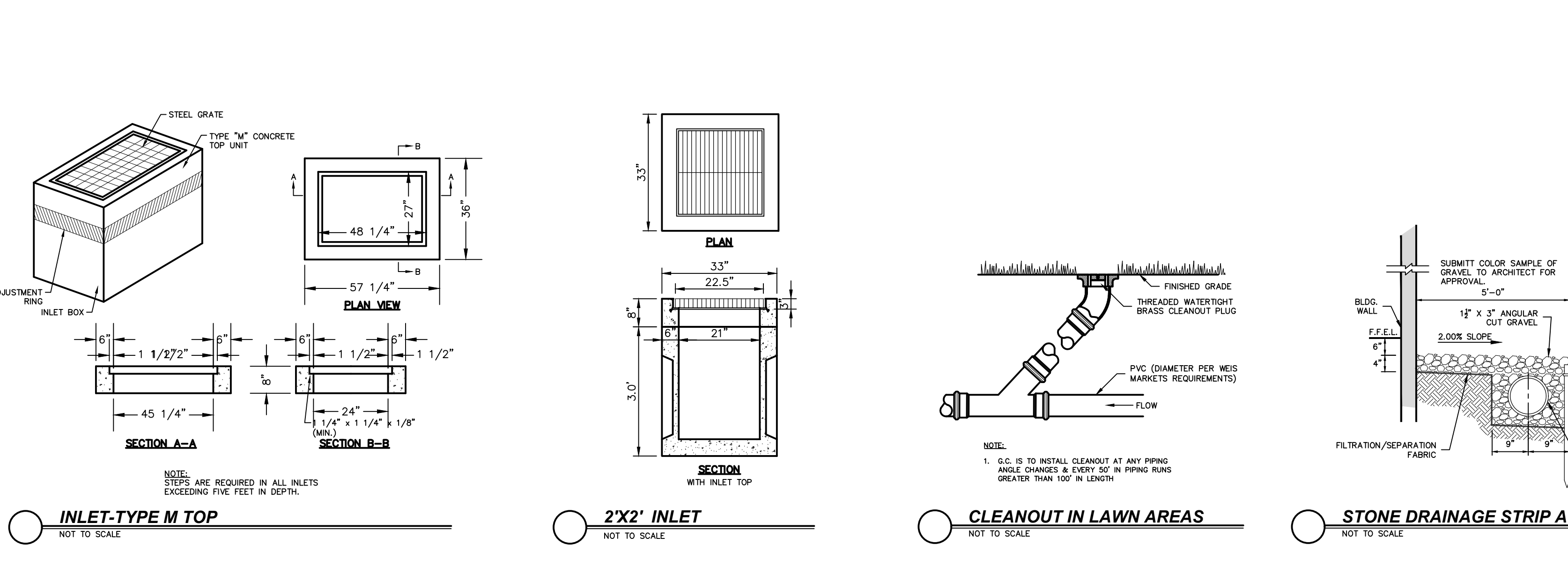
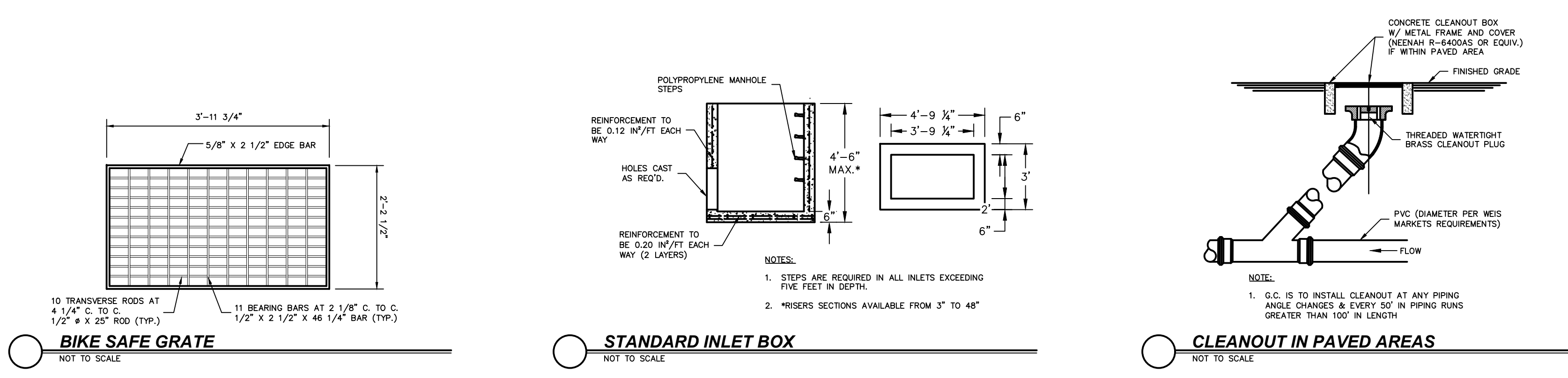
PROJ. MGR.	JL
DESIGN	ARB
CHECKED	JMC
DATE	
REV.	
NO.	
DATE	
BY	

DETAILS FOR
PA GAME COMMISSION - HEADQUARTERS OFFICE ADDITION
 FOR
 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES
 PROJECT NO. A-200-0057 Phase 001
 SUSQUEHANNA TOWNSHIP, DAUPHIN COUNTY, PENNSYLVANIA

PA GAME COMMISSION - HEADQUARTERS OFFICE ADDITION



Job Number
 1345-1
 DATE: 6/09/2023
 SCALE: AS SHOWN
**SHEET
 PCSM-03**



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