

OWNER

KR&S REALTY LTD
1800 MILL ROAD
LEBANON, PA 17042

SOURCE OF TITLE

DEED BOOK: 2030 PAGE: 5352 DEED BOOK: 2091 PAGE: 4724
PARCEL: 27-2352557-376465 PARCEL: 27-2351679-378229
ACRES: 55.19 ACRES ACRES: 35.18 ACRES

EQUITABLE OWNER

INCH'S PROPERTIES, LLC
2950 LEWISBERRY ROAD
YORK, PA 17404
CONTACT: ADAM WHALEN
717-755-1565

ZONING COMPLIANCE CHART

ZONING DISTRICT: "I" INDUSTRIAL ZONING DISTRICT

LOT AREA	REQUIRED
200'	5 ACRES
LOT WIDTH	200'
LOT COVERAGE	50%
FRONT YARD SETBACK	100'
SIDE YARD SETBACK	20' (EACH SIDE)
REAR YARD SETBACK	30'
BUILDING HEIGHT	75'

SITE DATA

SITE AREA: EXISTING: 90.37 AC.
SITE ZONING: INDUSTRIAL (I)
EXISTING USE: AGRICULTURAL
PROPOSED USE: WAREHOUSE & TRAILER STORAGE
SOURCE OF WATER: PUBLIC
SOURCE OF SEWER: PUBLIC
SITE ADDRESS: 2225 E CUMBERLAND STREET, LEBANON, PA 17042

PARKING DATA

NORTH LEBANON TOWNSHIP
MIN. LOADING & UNLOADING SPACE DIMENSIONS - 12'x55' (660s.f.)
EMPLOYEES: 300

STECKBECK ENGINEERING & SURVEYING, INC. HEREBY STATES THAT, PURSUANT TO THE PROVISIONS OF ACT NO. 287 OF 1974 AS AMENDED BY ACT 121 OF 2008 OF THE PENNSYLVANIA GENERAL ASSEMBLY, IT HAS PERFORMED THE FOLLOWING IN PREPARING THESE DRAWINGS: EXCAVATION OR DEMOLITION WORK AT SITES WITHIN THE POLITICAL SUBDIVISION(S) SHOWN ON THE DRAWINGS:

- PURSUANT TO SECTION 4, CLAUSE (2) OF SAID ACT, STECKBECK ENGINEERING & SURVEYING, INC. REQUESTED THE LINE AND FACILITY INFORMATION PRESCRIBED BY SECTION 4, CLAUSE (4) FROM A ONE CALL SYSTEM NOT LESS THAN TEN NOR MORE THAN NINETY WORKING DAYS BEFORE FINAL DESIGN IS TO BE COMPLETED.
- PURSUANT TO SECTION 4, CLAUSE (3) OF SAID ACT, STECKBECK ENGINEERING & SURVEYING, INC. SHOWN UPON THE DRAWING(S) THE POSITION AND TYPE OF EACH FACILITY OWNERS LINE, DERIVED PURSUANT TO THE REQUEST MADE AS REQUIRED BY SECTION 4, CLAUSE (2), AND THE NAME OF THE FACILITY OWNER AND THE FACILITY OWNERS DESIGNATED OFFICE ADDRESS AND THE TELEPHONE NUMBER AS SHOWN ON THE LIST REFERRED TO IN SECTION 3.
- PURSUANT TO SECTION 4, CLAUSE (4) OF SAID ACT, STECKBECK ENGINEERING & SURVEYING, INC. MADE A REASONABLE EFFORT TO PREPARE THE CONSTRUCTION DRAWING(S) TO AVOID DAMAGE TO AND MINIMIZE INTERFERENCE WITH A FACILITY OWNERS FACILITIES IN THE CONSTRUCTION AREA BY MAINTAINING AN EIGHTEEN-INCH CLEARANCE OF THE FACILITY OWNERS FACILITIES WHERE POSSIBLE.
- PURSUANT TO SECTION 4, CLAUSE (5) OF SAID ACT, STECKBECK ENGINEERING & SURVEYING, INC. SHALL BE DEEMED TO HAVE MET THE OBLIGATIONS OF CLAUSE (2) BY CALLING A ONE CALL SYSTEM AND SHOWING AS PROOF THE SERIAL NUMBER OF THE ONE CALL NOTICE ON THE DRAWING(S). NORTH LEBANON TOWNSHIP LEBANON COUNTY ID NO. 20220833196.

AND STECKBECK ENGINEERING & SURVEYING, INC. DOES NOT MAKE ANY REPRESENTATION, WARRANTY, ASSURANCE OR GUARANTEE THAT THE INFORMATION RECEIVED PURSUANT TO SAID REQUEST AND AS REFLECTED ON THESE DRAWINGS IS CORRECT OR ACCURATE, BUT STECKBECK ENGINEERING & SURVEYING, INC. IS REFLECTING SAID INFORMATION ON THESE DRAWINGS ONLY DUE TO THE REQUIREMENTS OF THE SAID ACT 187, DECEMBER 19, 1996.

CITY OF LEBANON AUTHORITY
2911 RIDGEVIEW ROAD
LEBANON, PA 17042
CONTACT - BOB SOLTZ
BSOLTZ@LEBANONAUTHORITY.ORG

VERIZON PENNSYLVANIA LLC
1028 HAY STREET
PITTSBURGH, PA 15221
CONTACT - DEBORAH BARUM
debar@verizon.com

FIRST ENERGY PENELEC
21 S. MAIN STREET
AKRON, OH 44308
CONTACT - CARA WARREN
CARAWARREN@FIRSTENERGYCORP.COM

TEXAS EASTERN/SPECTRA
SUITE 400
2611 MARKET PLACE
HARRISBURG, PA 17110
CONTACT - RYAN LIMBATS
Ryan.Limbats@spectraenergy.com



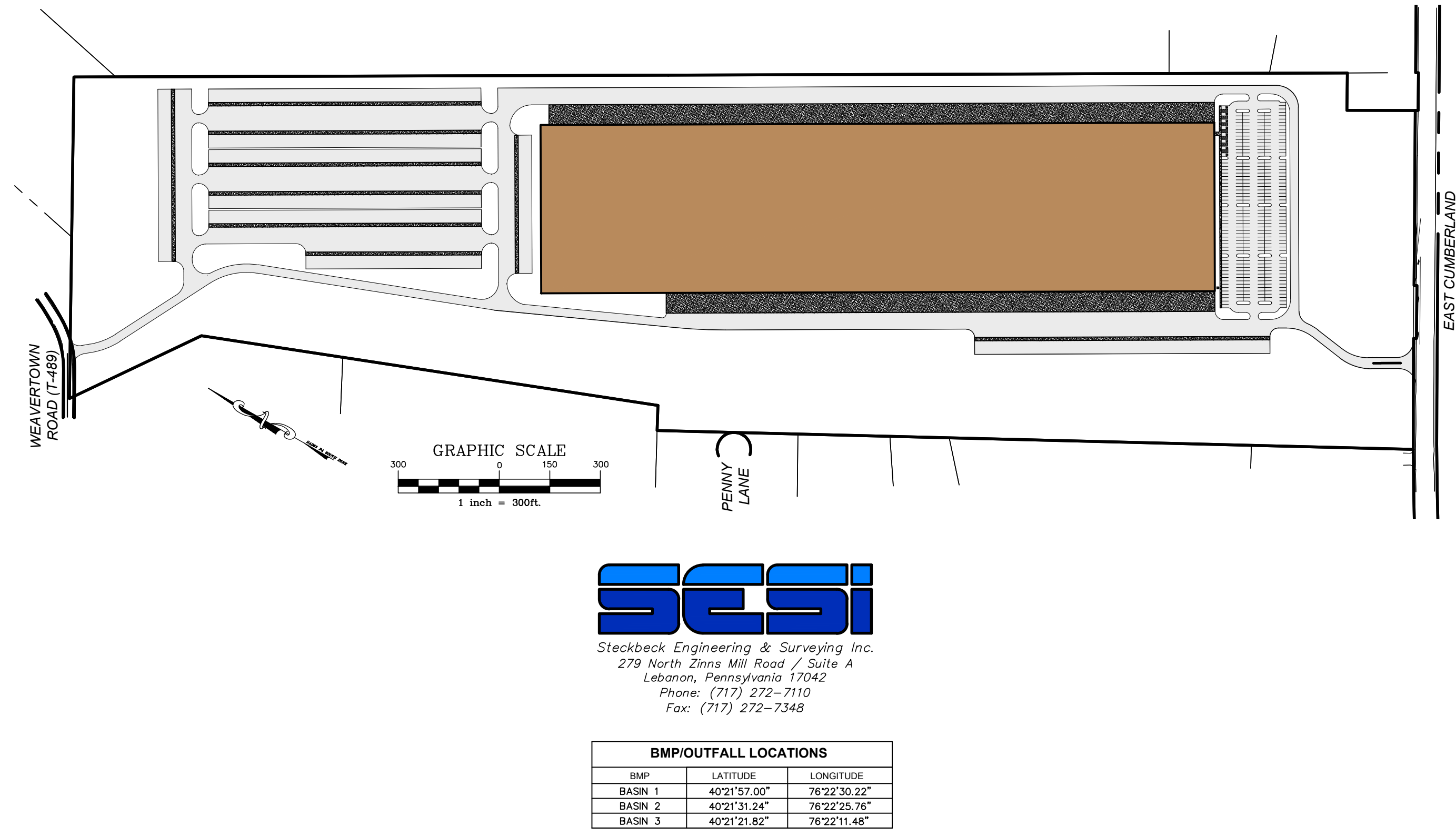
SERIAL NUMBER: 20220833196 NORTH LEBANON TWP
DATE: 03/24/2022

PRELIMINARY/FINAL LAND DEVELOPMENT PLAN FOR NLT WAREHOUSE AND TRAILER STORAGE

OWNER: INCH'S PROPERTIES, LLC

LOCATED IN
NORTH LEBANON TOWNSHIP
LEBANON COUNTY, PENNSYLVANIA
AUGUST 8, 2022

REVISION	DATE	BY
-	-	-
-	-	-



SESI
Steckbeck Engineering & Surveying, Inc.
279 North Zimms Mill Road / Suite A
Lebanon, Pennsylvania 17042
Phone: (717) 272-7110
Fax: (717) 272-7348

BMP/OUTFALL LOCATIONS

BMP	LATITUDE	LONGITUDE
BASIN 1	40°21'57.00"	76°22'30.22"
BASIN 2	40°21'31.24"	76°22'25.76"
BASIN 3	40°21'21.82"	76°22'11.48"

PURPOSE OF PLAN
1. THE PURPOSE OF THIS PLAN IS TO CONSTRUCT A 1,000,000 SQ.FT. WAREHOUSE AND TRAILER STORAGE FACILITY WITH RELATED ASSOCIATED STORM WATER MANAGEMENT FACILITIES.

LOCATION MAP
1" = 2000'

LIST OF DRAWINGS:

DRAWING LIST TABLE	
Sheet Number	Sheet Title
1	COVER SHEET
2	NOTES
3	OVERALL EXISTING CONDITIONS PLAN
4	EXISTING CONDITIONS PLAN
5	EXISTING CONDITIONS
6	EXISTING CONDITIONS
7	OVERALL LAYOUT PLAN
8	LAYOUT PLAN
9	LAYOUT PLAN
10	LAYOUT PLAN
11	OVERALL EASEMENT PLAN
12	EASEMENT PLAN
13	EASEMENT PLAN
14	EASEMENT PLAN
15	OVERALL POST CONSTRUCTION STORMWATER MANAGEMENT PLAN
16	POST CONSTRUCTION STORMWATER MANAGEMENT PLAN
17	POST CONSTRUCTION STORMWATER MANAGEMENT PLAN
18	POST CONSTRUCTION STORMWATER MANAGEMENT PLAN
19	POST CONSTRUCTION STORMWATER MANAGEMENT NOTES
20	POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS
21	POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS
22	POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS
23	POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS
24	OVERALL GRADING PLAN
25	GRADING PLAN
26	GRADING PLAN
27	GRADING PLAN
28	OVERALL UTILITY PLAN
29	UTILITY PLAN
30	UTILITY PLAN
31	UTILITY PLAN
32	OVERALL LANDSCAPING PLAN
33	LANDSCAPING PLAN
34	LANDSCAPING PLAN
35	LANDSCAPING PLAN
36	OVERALL LIGHTING PLAN
37	LIGHTING PLAN
38	LIGHTING PLAN
39	LIGHTING PLAN
40	PROFILES (MAIN ACCESS-NORTHERN ENTRANCE-STORMWATER)
41	PROFILES (STORMWATER)
42	PROFILES (STORMWATER)
43	PROFILES (STORMWATER)
44	PROFILES (STORMWATER)
45	PROFILES (STORMWATER)
46	PROFILES (SANITARY SEWER)
47	SITE DETAILS
48	SITE DETAILS
49	SEWER DETAILS
50	WATER DETAILS
51	OVERALL EROSION AND SEDIMENT POLLUTION CONTROL PLAN
52	EROSION AND SEDIMENT POLLUTION CONTROL PLAN
53	EROSION AND SEDIMENT POLLUTION CONTROL PLAN
54	EROSION AND SEDIMENT POLLUTION CONTROL PLAN
55	EROSION AND SEDIMENT POLLUTION CONTROL NOTES
56	EROSION AND SEDIMENT POLLUTION CONTROL DETAILS

OWNERS CERTIFICATION AND ACKNOWLEDGMENT

ON THIS, THE _____ DAY OF _____, 2022, BEFORE ME, A NOTARY PUBLIC, THE UNDERSIGNED OFFICER, PERSONALLY APPEARED KNOWN TO ME (OR SATISFACTORILY PROVEN) TO BE THE PERSON(S) WHO BEING DULY SWORN ACCORDING TO LAW, DEPOSE AND SAY THAT HE/THEY ARE THE OWNERS OF THE PROPERTY SHOWN ON THIS PLAN, THAT THE PLAN THEREOF WAS MADE AT HIS/THEIR DIRECTION, THAT HE/THEY ACKNOWLEDGE THE SAME TO BE HIS/THEIR ACT AND PLAN AND DESIRES THE SAME TO BE RECORDED, AND THAT ALL STREETS AND OTHER PROPERTY IDENTIFIED AS PROPOSED PUBLIC PROPERTY (EXCEPTING THOSE AREAS LABELED "NOT FOR DEDICATION") ARE HEREBY DEDICATED TO PUBLIC USE.

Name/Title _____ DATE _____
Company _____

NOTARY PUBLIC _____

LEBANON COUNTY PLANNING DEPARTMENT

REVIEWED _____ DATE _____

CERTIFICATION OF PLAN ACCURACY

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

I, STEPHEN A. SHERK, CERTIFY THAT THE PROPOSED DETENTION BASIN IS UNDERLAIN BY LIMESTONE.

STEPHEN A. SHERK, P.E. _____ DATE _____

CERTIFICATION OF SURVEY ACCURACY

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE, THE SURVEY SHOWN AND DESCRIBED HEREON IS TRUE AND CORRECT TO THE ACCURACY REQUIRED BY THE NORTH LEBANON TOWNSHIP, NORTH LEBANON TOWNSHIP AND THE CITY OF LEBANON SUBDIVISION AND LAND DEVELOPMENT ORDINANCES.

JASON E. CHERNICH, P.L.S. _____ DATE _____

NORTH LEBANON TOWNSHIP PLANNING COMMISSION

AT A MEETING HELD ON _____, 2022, THE PLANNING COMMISSION OF NORTH LEBANON TOWNSHIP, LEBANON COUNTY, PENNSYLVANIA REVIEWED THIS PLAN AND A COPY OF THE REVIEW COMMENTS IS ON FILE IN THE TOWNSHIP OFFICE.

CHAIRMAN OR VICE CHAIRMAN _____ DATE _____

NORTH LEBANON TOWNSHIP SUPERVISORS

AT A MEETING HELD ON _____, 2022, THE BOARD OF SUPERVISORS OF NORTH LEBANON TOWNSHIP, LEBANON COUNTY, PENNSYLVANIA APPROVED THE FINAL LAND DEVELOPMENT PLAN FOR THE PROPERTY AS SHOWN HEREON. NO OTHER PLAN OR PLANS SHALL BE RECOGNIZED. APPROVAL INCLUDES ALL DOCUMENTATION, INCLUDING THE COMMENTS OR REQUIREMENTS OF OFFICIAL REVIEWING INDIVIDUALS OR AGENCIES. APPROVAL IS BASED ON COMPLIANCE WITH APPLICABLE ORDINANCES, RULES AND REGULATIONS, AND SHALL NOT BE CONSTRUED AS A GUARANTEE TO ANY PERSON OR ORGANIZATION THAT THE DESIGN OF ANY PART OF THE PLAN WILL FUNCTION AS ANTICIPATED UNDER ANY OR ALL CONDITIONS OR SITUATIONS. ADDITIONALLY, THAT BY REVIEW AND/OR APPROVAL OF THIS PLAN, THE TOWNSHIP EXPRESSLY DECLINES THE ASSUMPTION OF LIABILITY ERRORS, OMISSIONS OR MISTAKES IN JUDGEMENT IN THE DESIGN, ENGINEERING, CONSTRUCTION, OR EXPECTED FUNCTION OF THE MATTERS REVIEWED AND/OR APPROVED.

APPROVED _____ DATE _____

APPROVED _____ DATE _____

APPROVED _____ DATE _____

NORTH LEBANON TOWNSHIP SUPERVISORS

AT A MEETING HELD ON _____, 2022, THE BOARD OF SUPERVISORS OF NORTH LEBANON TOWNSHIP, LEBANON COUNTY, PENNSYLVANIA APPROVED THE LAND DEVELOPMENT PLAN OF THE PROPERTY AS SHOWN HEREON.

REVIEWED & APPROVED _____ DATE _____

REVIEWED & APPROVED _____ DATE _____

REVIEWED & APPROVED _____ DATE _____

NORTH LEBANON TWP PLANNING COMMISSION

AT A MEETING HELD ON _____, 2022, THE PLANNING COMMISSION OF NORTH LEBANON TOWNSHIP, LEBANON COUNTY, PENNSYLVANIA RECOMMENDED FOR APPROVAL THE LAND DEVELOPMENT PLAN OF THE PROPERTY AS SHOWN HEREON.

CHAIRPERSON _____ DATE _____

NORTH LEBANON TOWNSHIP ENGINEER REVIEW CERTIFICATION

REVIEWED BY THE NORTH LEBANON TOWNSHIP ENGINEER
THIS _____ DAY OF _____, 20____

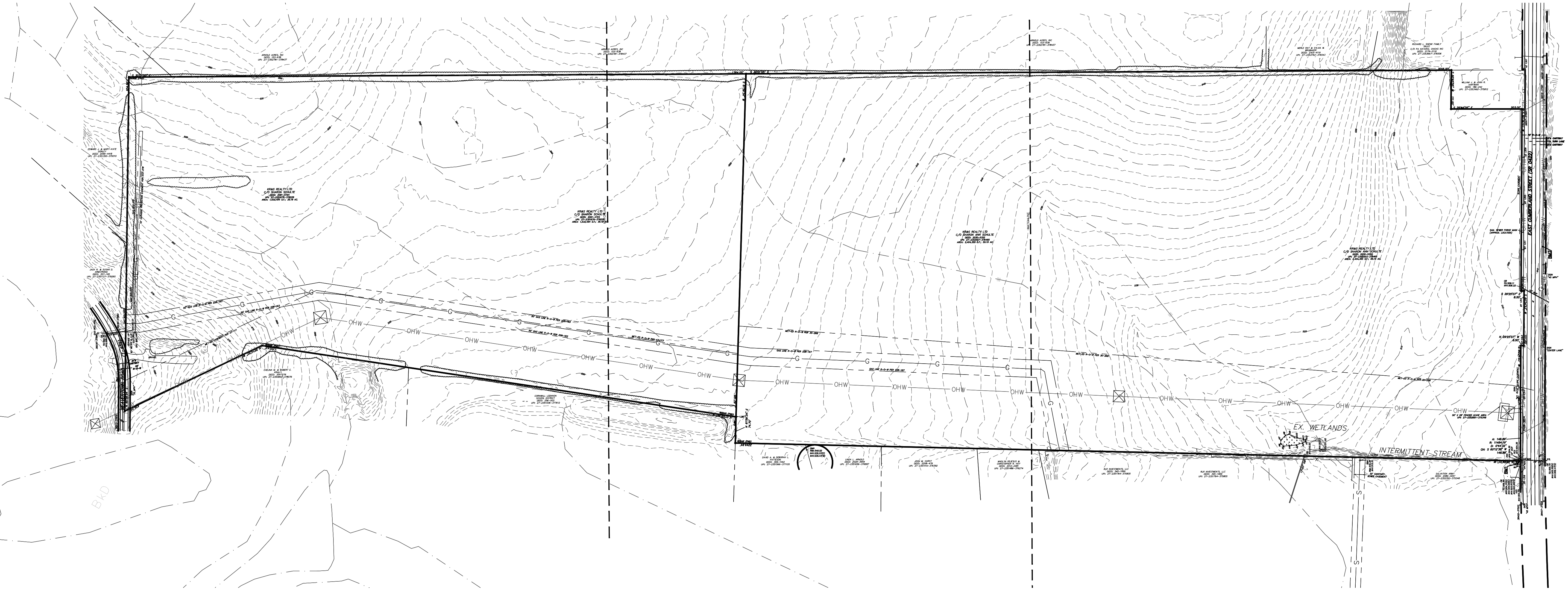
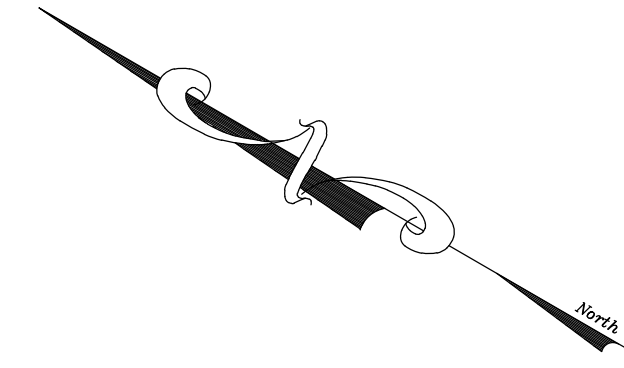
NORTH LEBANON TOWNSHIP ENGINEER

REVIEWED BY THE NORTH LEBANON TOWNSHIP ENGINEER THIS
DAY OF _____, 2022.

REVIEWED _____ DATE _____

LEGEND

	EXISTING WATERLINE		GATE VALVE		FIRE HYDRANT
	EXISTING GASLINE		GAS VALVE		MAJOR
	EXISTING CONTOURS		MINOR		EXISTING TREELINE
	EXISTING SOILS		EXISTING UTILITY POLE		EXISTING LIGHT POLE
	EXISTING ADJOINER LINE		EXISTING BOUNDARY LINE		EXISTING EDGE OF PAVEMENT
	EXISTING RIGHT-OF-WAY		EXISTING FENCE		EXISTING SEWER
	EXISTING STORMWATER		CLEAN OUT		MANHOLE
	HEADWALL MANHOLE		INLET		ENDWALL

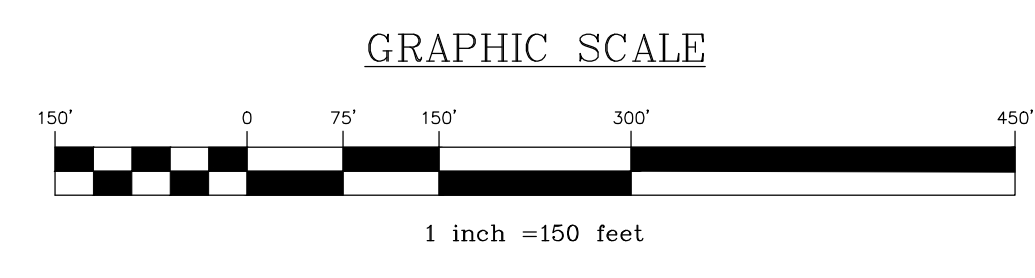


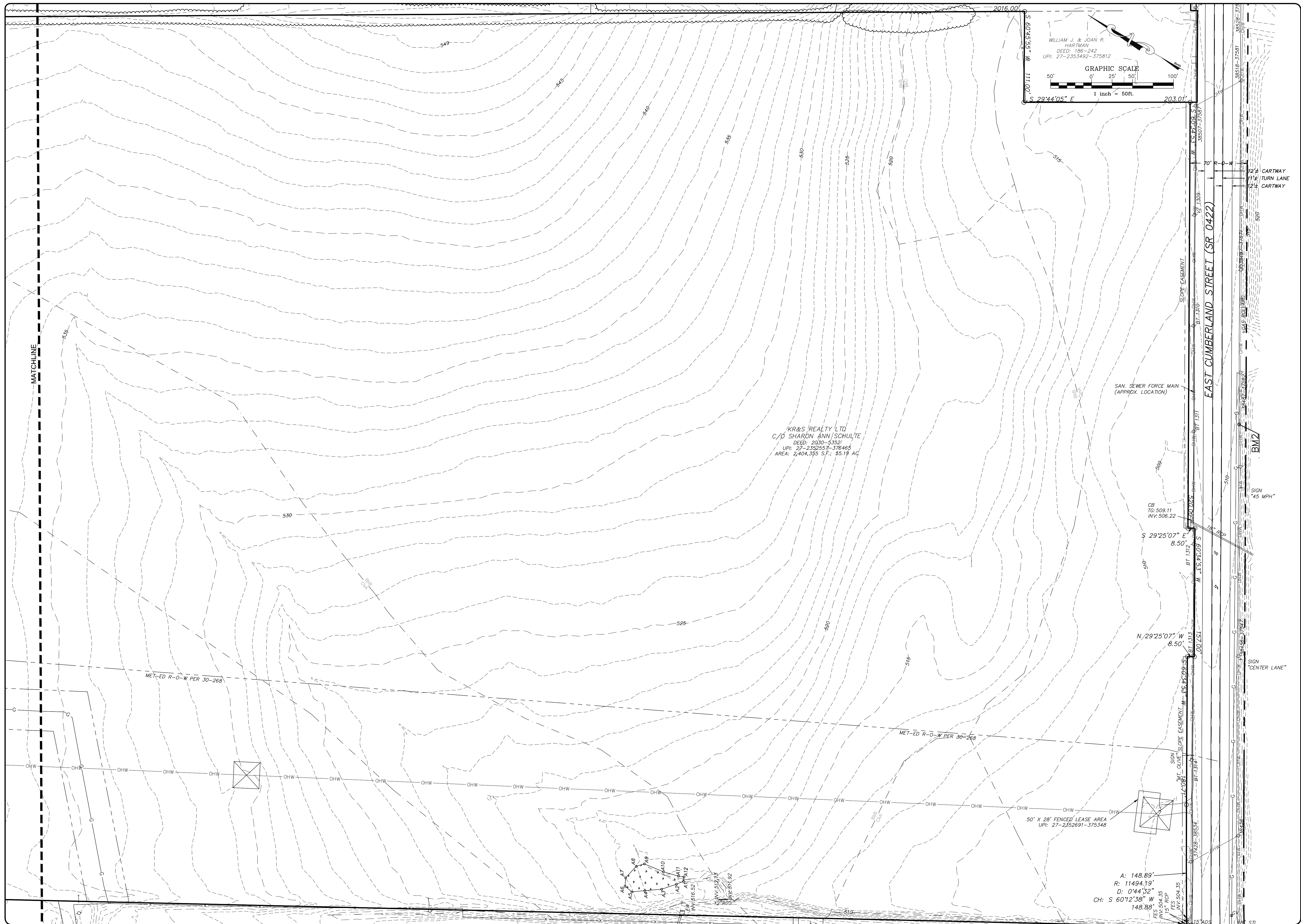
REVISION	DATE	BY

OVERALL EXISTING CONDITIONS PLAN
 For
PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

Steadbeck Engineering & Surveying, Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=150'
PROJECT #	2214-22-001





WILLIAM J. & JOAN R. HARTMAN
 DEED: 186-242
 UPI: 27-2353482-375812

GRAPHIC SCALE
 0' 25' 50' 100'
 1 inch = 50ft.

S 29°44'05" E 203.01'

KR&S REALTY LTD
 C/O SHARON ANN SCHULTE
 DEED: 2030-5352
 UPI: 27-2352657-376465
 AREA: 2,404.355 S.F., 55.19 AC.

A: 148.89'
 R: 11494.19'
 D: 0°44'32"
 CH: S 60°12'38" W 148.88'

FES 504.35
 INV 504.35
 15' RCP

DATE	BY

REVISION	

EXISTING CONDITIONS PLAN

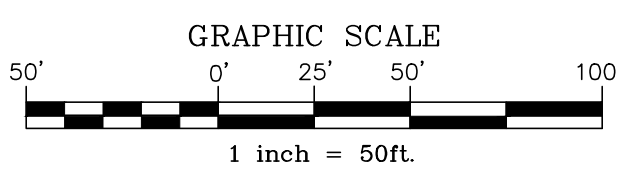
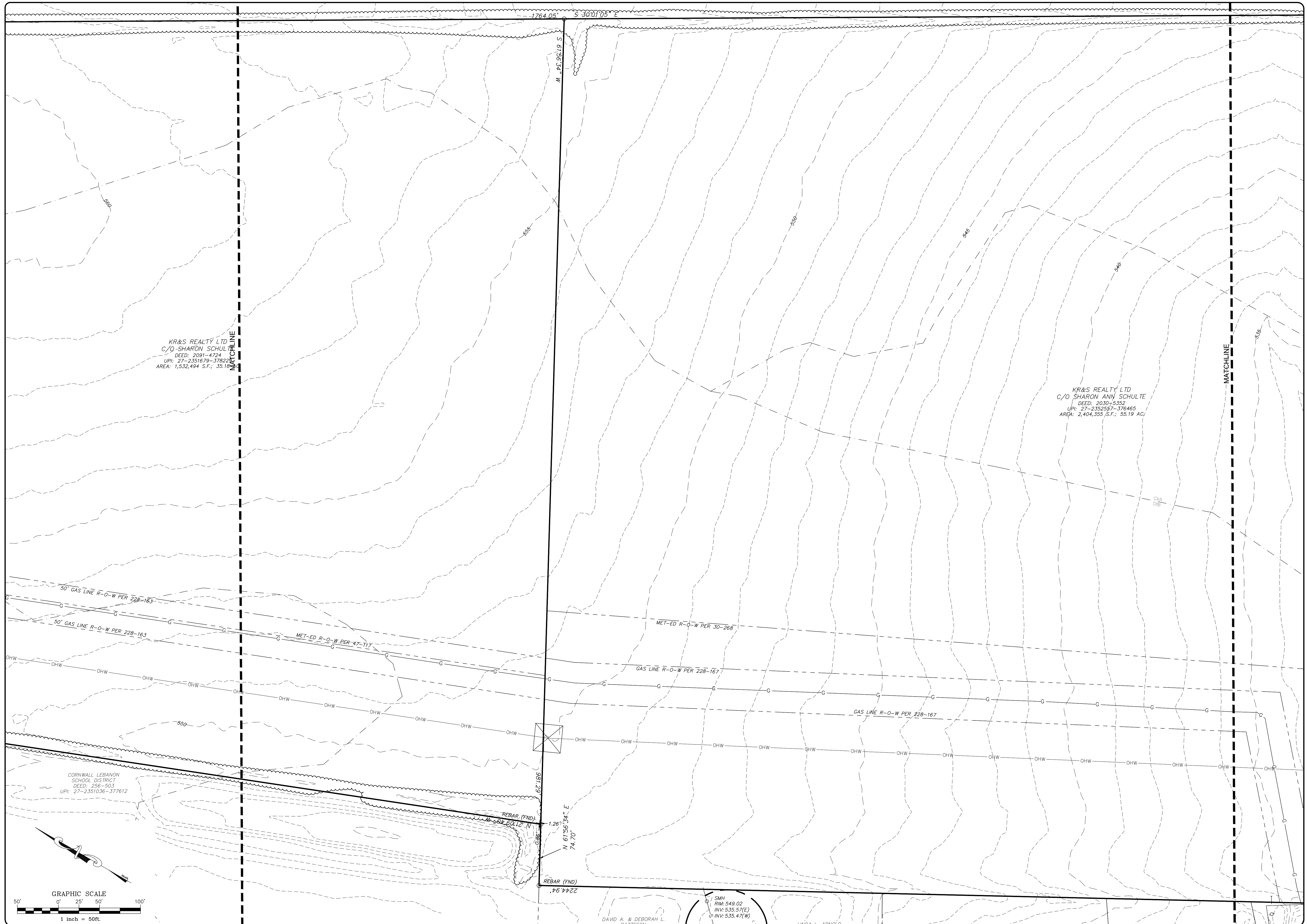
PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
 NLT WAREHOUSE AND TRAILER STORAGE

located in
 North Lebanon Township
 Lebanon County, Pennsylvania

RESI

Steckbeck Engineering & Surveying Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	2214-22-001



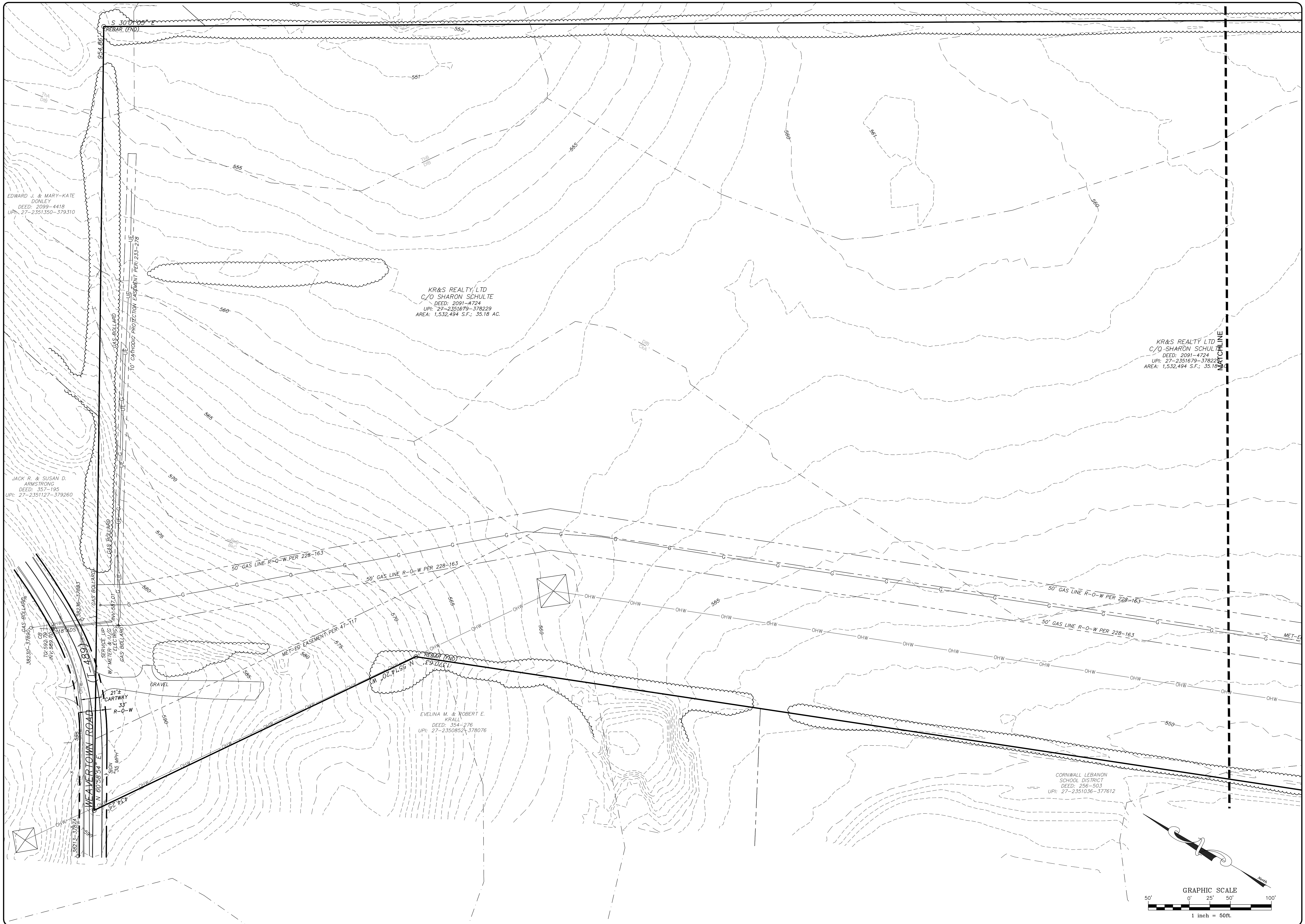
REVISION	DATE	BY

EXISTING CONDITIONS

PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
For
NLT WAREHOUSE AND TRAILER STORAGE
located in
North Lebanon Township,
Lebanon County, Pennsylvania

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FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	#2214-22-001



EDWARD J. & MARY-KATE
DONLEY
DEED: 2099-441B
UPI: 27-2351350-379310

JACK R. & SUSAN D.
ARMSTRONG
DEED: 357-195
UPI: 27-2351127-379260

KR&S REALTY LTD
C/O SHARON SCHULTE
DEED: 2091-4724
UPI: 27-2351679-378229
AREA: 1,532,494 S.F.; 35.18 AC.

KR&S REALTY LTD
C/O SHARON SCHULTE
DEED: 2091-4724
UPI: 27-2351679-378229
AREA: 1,532,494 S.F.; 35.18 AC.

EVELINA M. & ROBERT E.
KRALL
DEED: 354-276
UPI: 27-2350852-378076

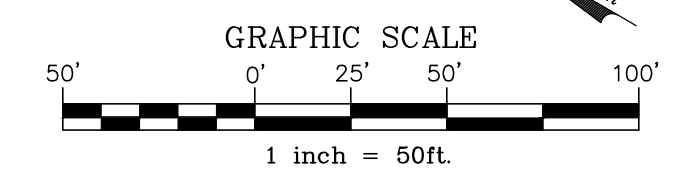
CORNWALL LEBANON
SCHOOL DISTRICT
DEED: 296-503
UPI: 27-2351036-377612

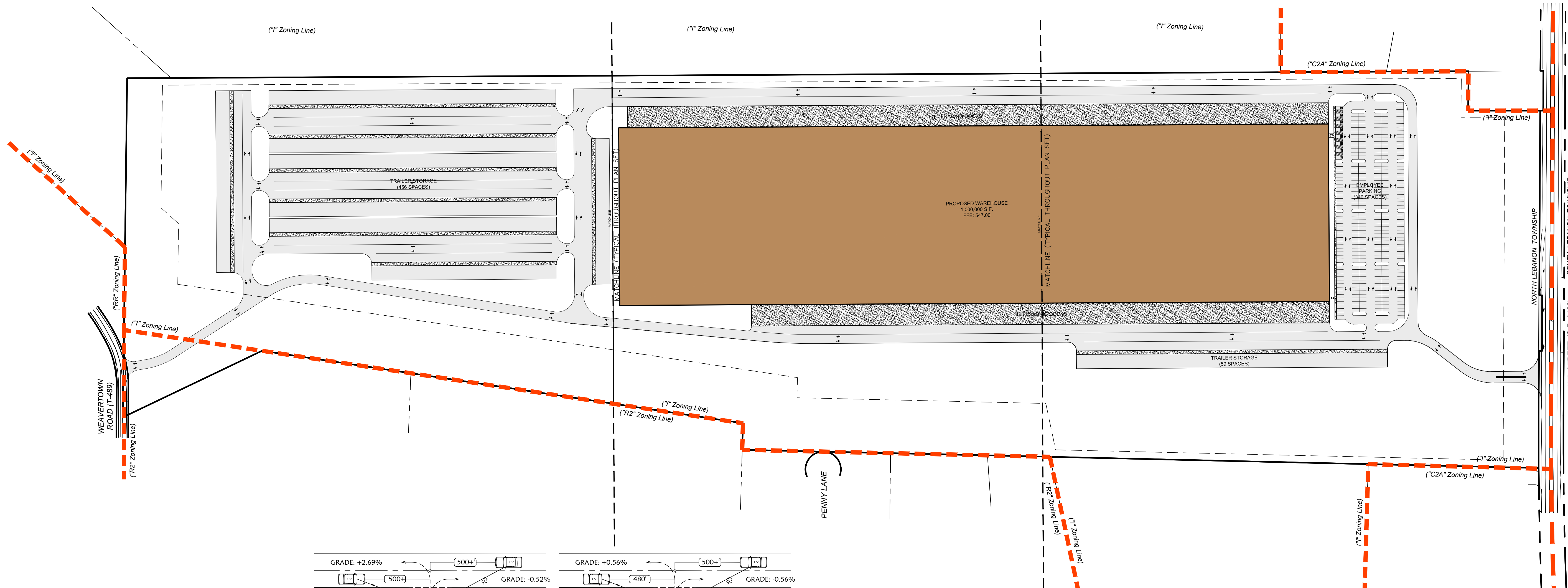
REVISION	DATE	BY

EXISTING CONDITIONS
 For
PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

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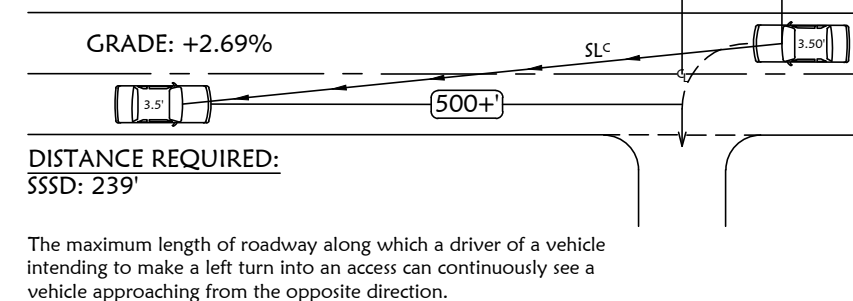
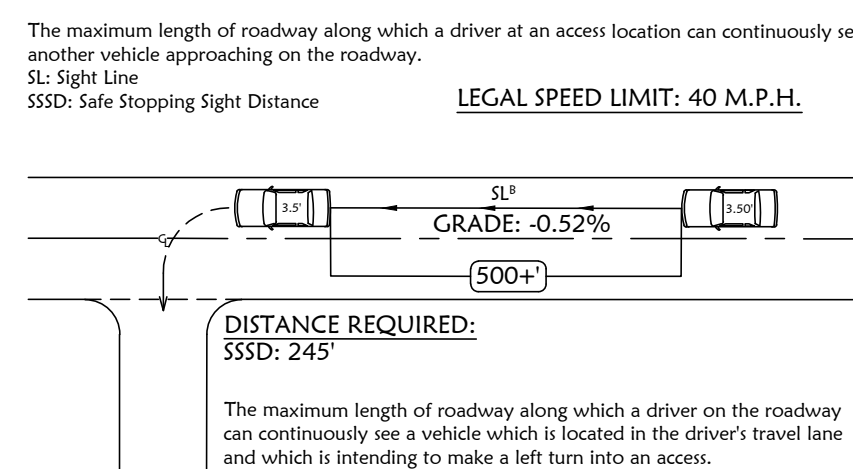
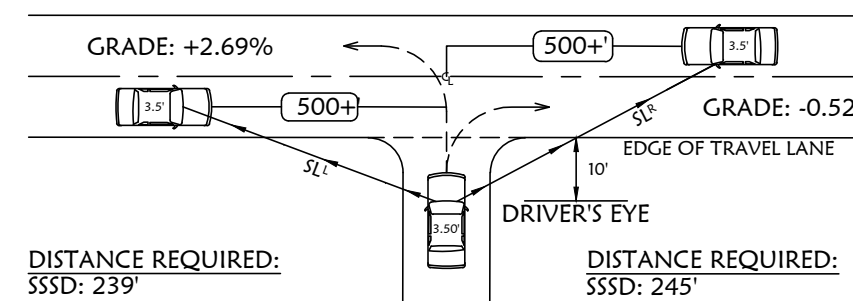
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 BASE MAP: MA
 DRAWN: CDS
 DESIGN: CDS
 CHECKED: SS
 DATE: 08-05-22
 SCALE: 1"=50'
 PROJECT # 2214-22-001



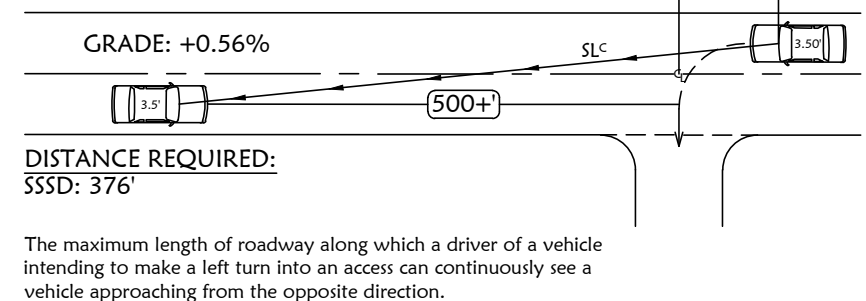
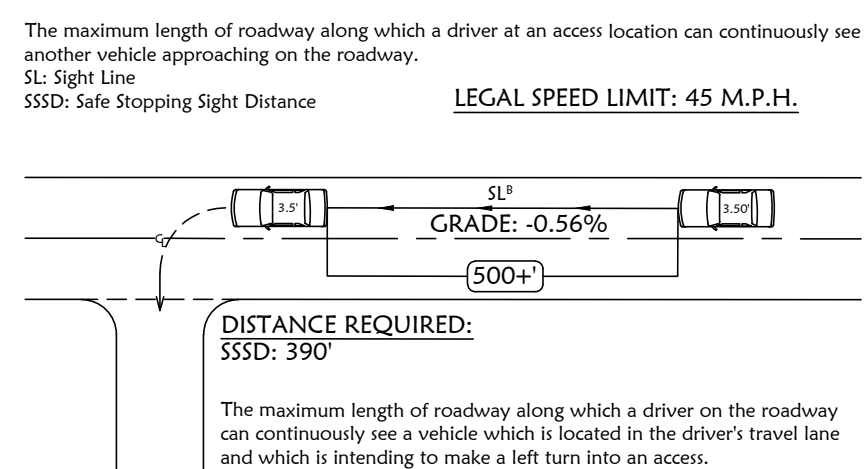
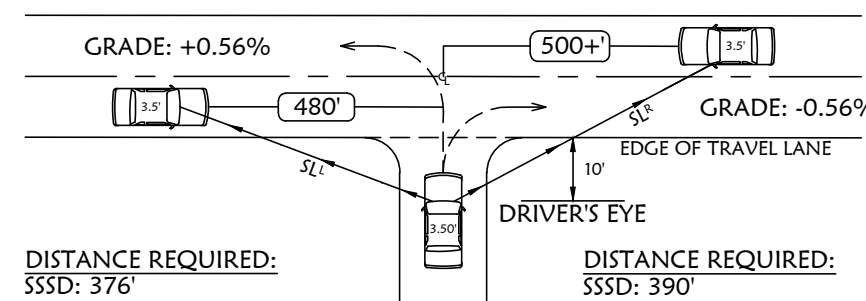


LEGEND

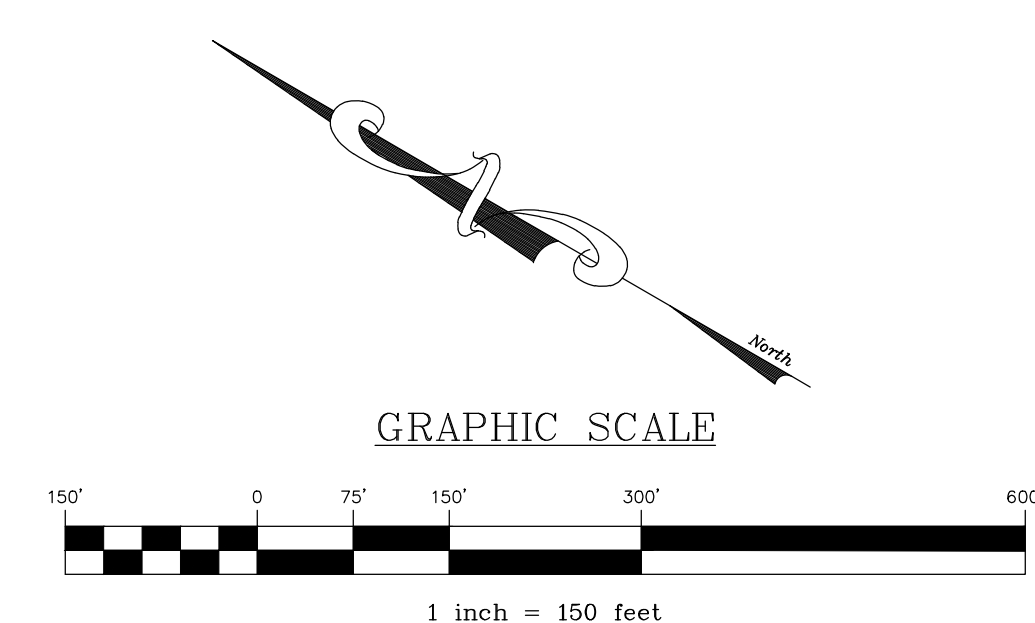
- EXISTING ADJOINER LINE
- - - EXISTING BOUNDARY LINE AND CORNERS
- - - EXISTING RIGHT-OF-WAY
- - - EXISTING FENCE
- - - EXISTING SIDEWALK/CONCRETE
- - - EXISTING EDGE OF PAVEMENT AND CURB LINE
- PROPOSED FEATURES
- PROPOSED BUILDING SETBACK
- PROPOSED EDGE OF PAVEMENT AND CURB LINE
- - - PROPOSED FENCE
- - - PROPOSED CONCRETE/SIDEWALK
- - - PROPOSED PIPE BOLLARD



DRIVEWAY SIGHT DISTANCE (S.R. 0422)



DRIVEWAY SIGHT DISTANCE (WEAVERTOWN)

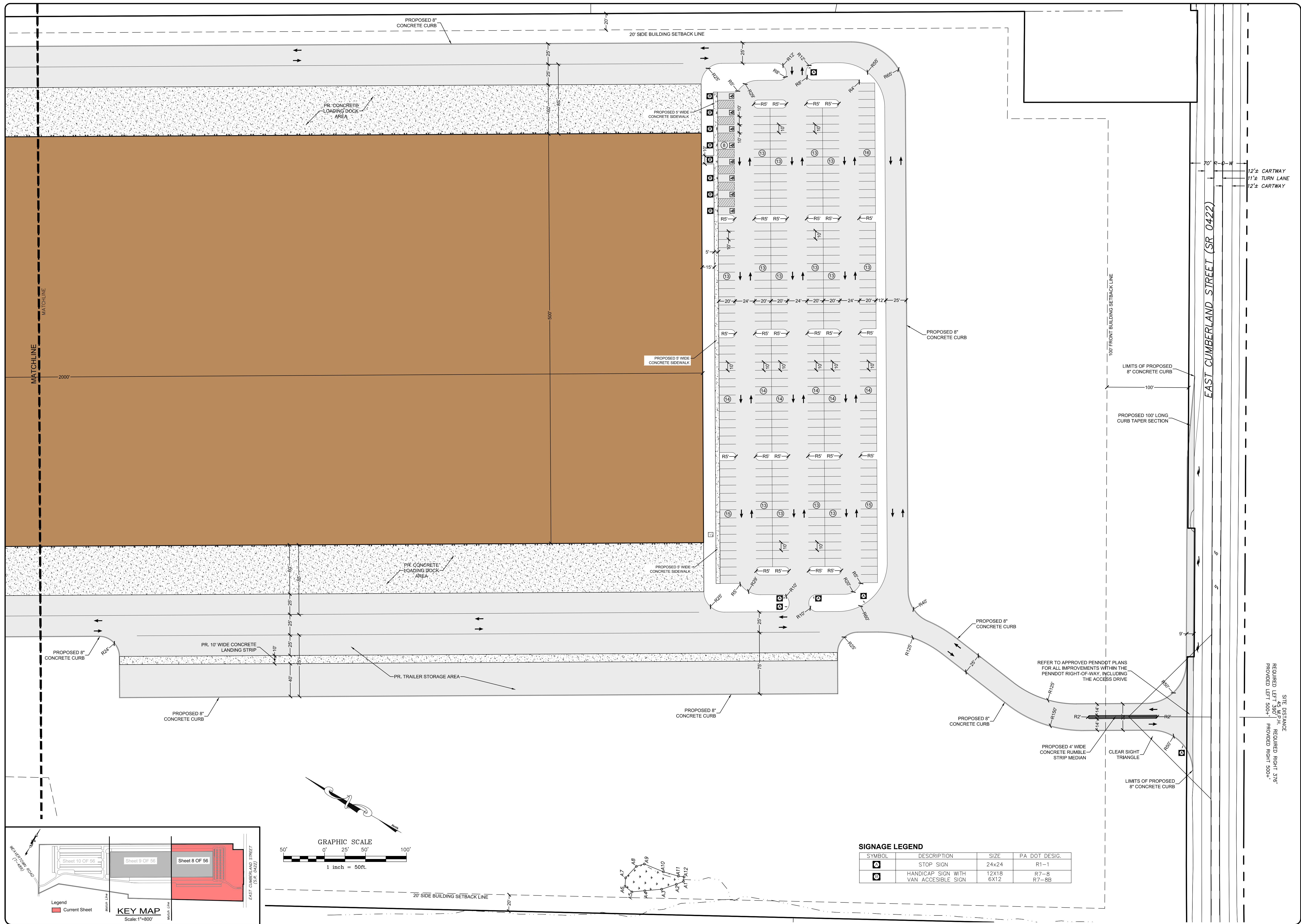


REVISION	DATE	BY

OVERALL LAYOUT PLAN
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

ESI
 Streckbeck Engineering & Surveying, Inc.
 279 North Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=150'
PROJECT #	2214-22-001

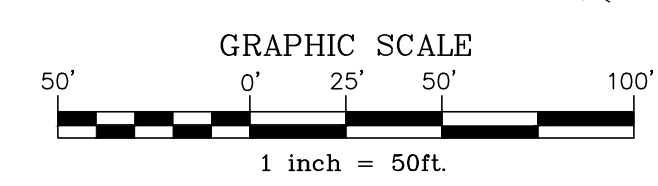
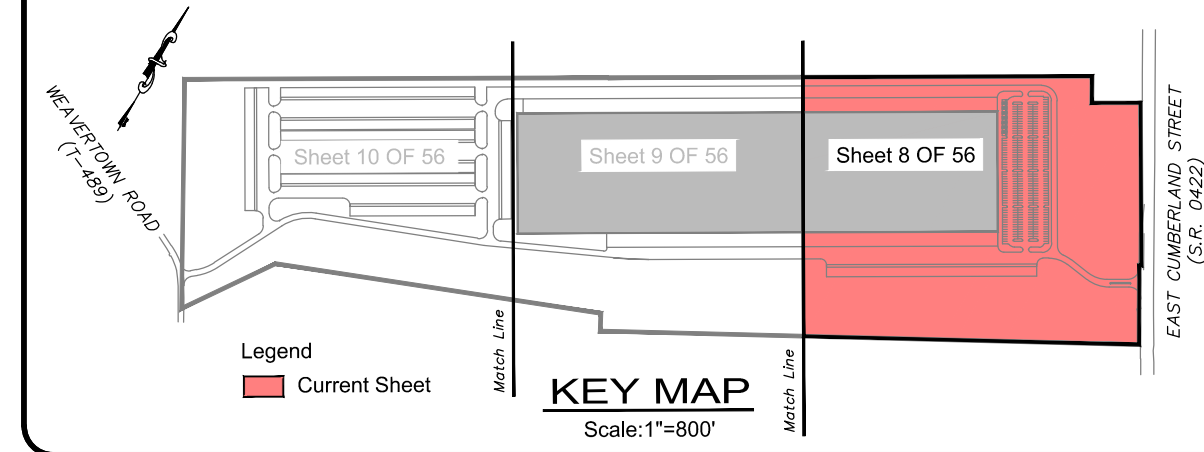


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LAYOUT PLAN
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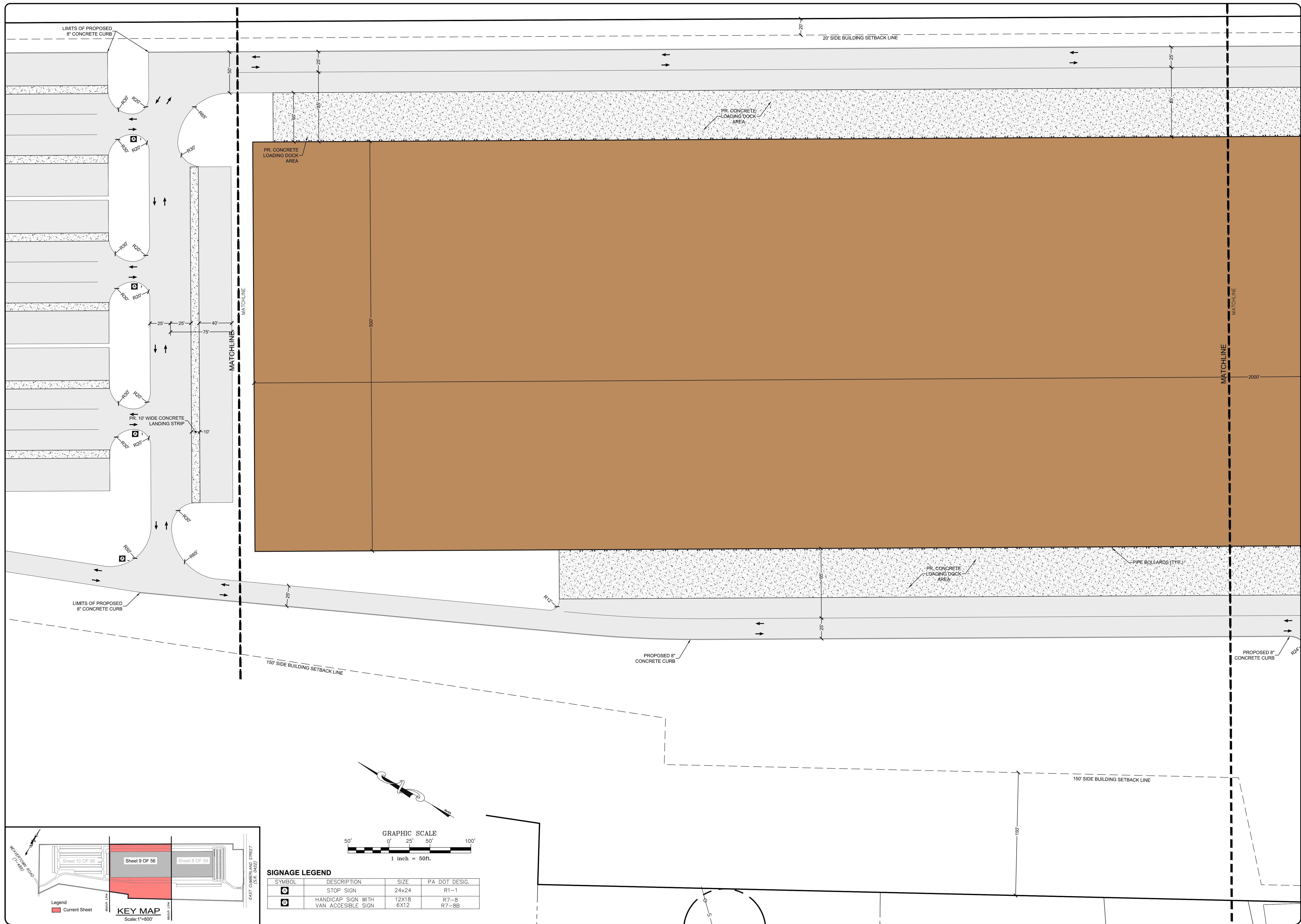
FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	2214-22-001



SIGNAGE LEGEND

SYMBOL	DESCRIPTION	SIZE	PA DOT DESIG.
⊠	STOP SIGN	24x24	R1-1
⊞	HANDICAP SIGN WITH VAN ACCESSIBLE SIGN	12X18 6X12	R7-8 R7-8B

SITE DISTANCE
 REQUIRED LEFT 500'-H, REQUIRED RIGHT 376'-H
 PROVIDED LEFT 500'-H, PROVIDED RIGHT 500'-H



REVISION	DATE	BY

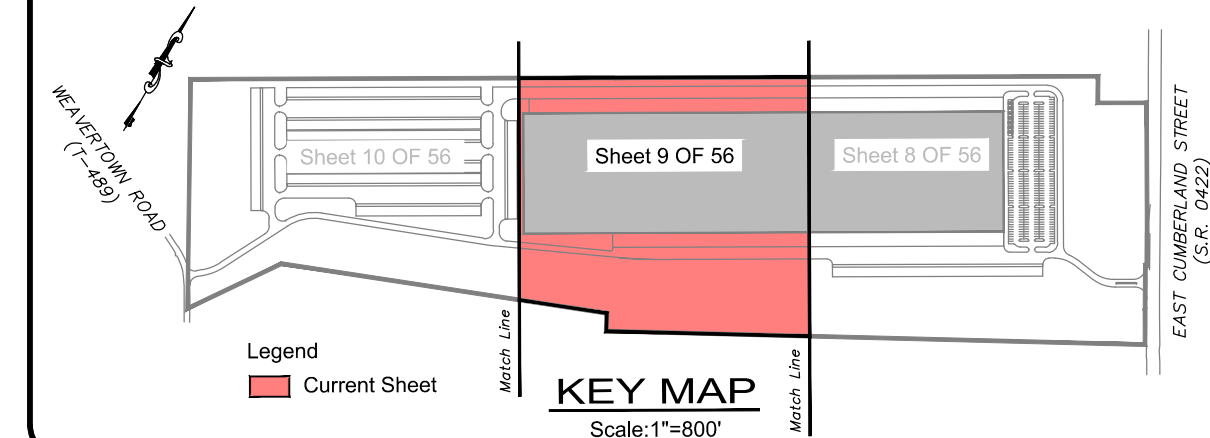
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FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	#2214-22-001

SIGNAGE LEGEND

SYMBOL	DESCRIPTION	SIZE	PA DOT DESIG.
⊠	STOP SIGN	24x24	R1-1
⊞	HANDICAP SIGN WITH VAN ACCESSIBLE SIGN	12X18 6X12	R7-8 R7-8B





REVISION	DATE	BY

LAYOUT PLAN
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
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NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

RESI
 Steckbeck Engineering & Surveying, Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

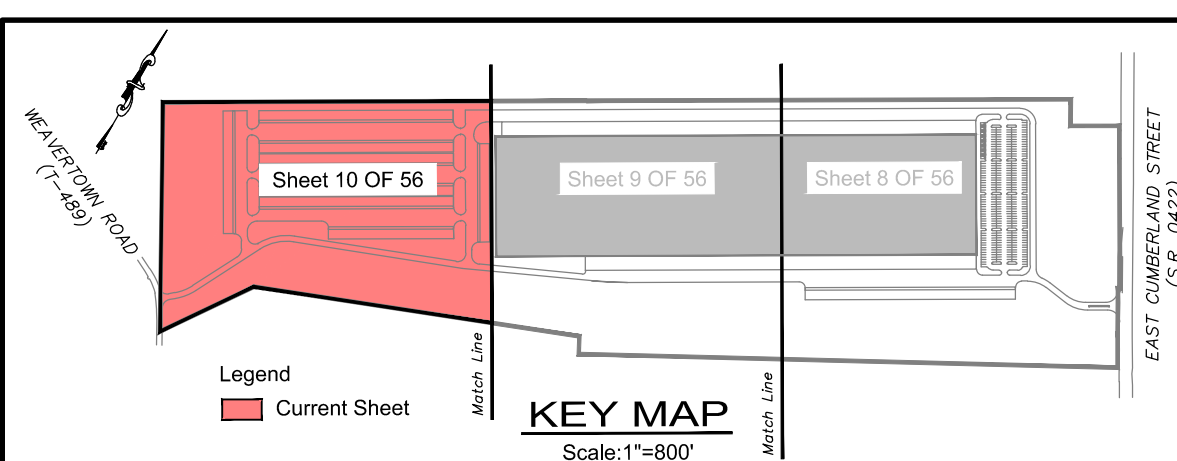
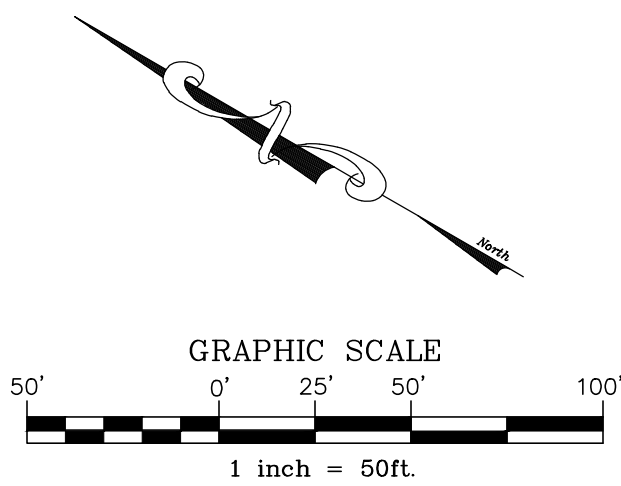
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BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	#2214-22-001

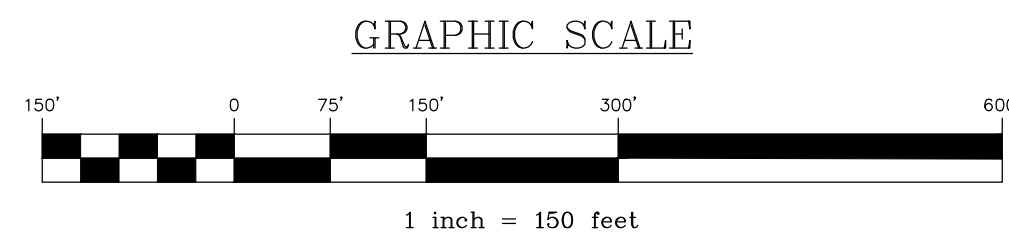
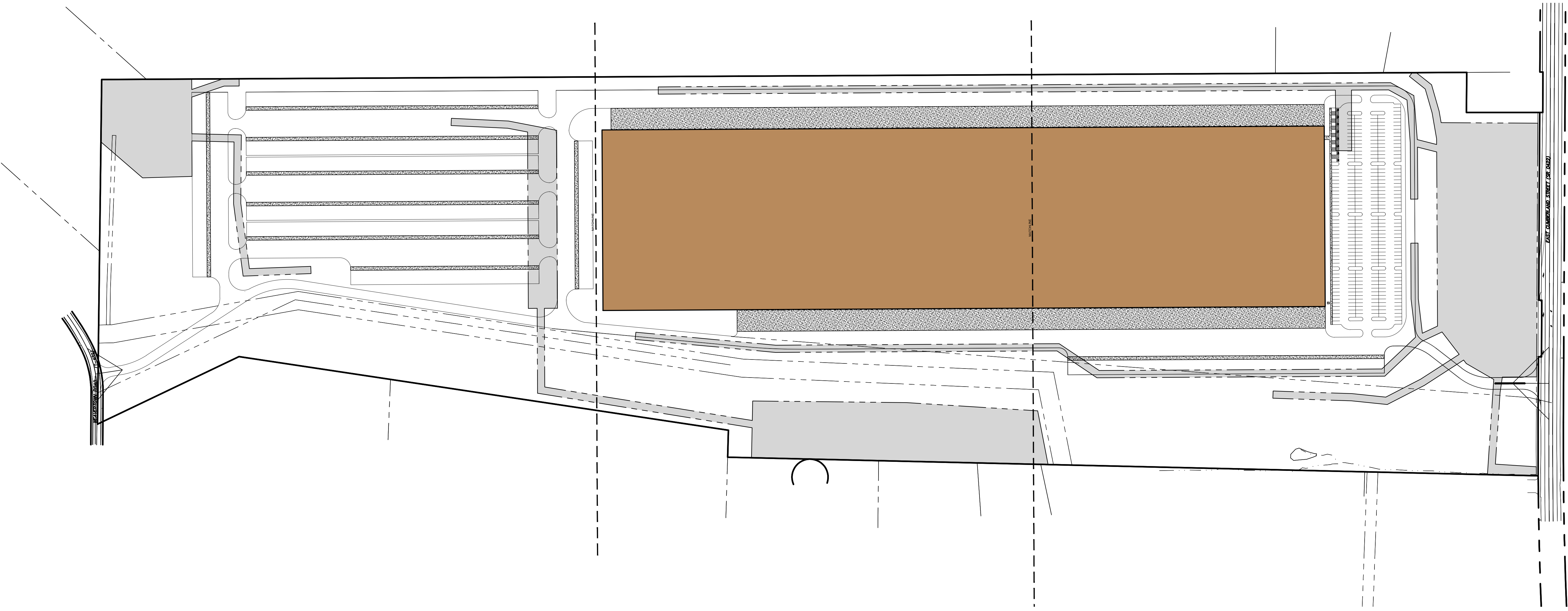
10

10 OF 56 SHEETS

SIGNAGE LEGEND

SYMBOL	DESCRIPTION	SIZE	PA DOT DESIG.
⊙	STOP SIGN	24x24	R1-1
⊞	HANDICAP SIGN WITH VAN ACCESSIBLE SIGN	12X18 6X12	R7-8 R7-8B





LEGEND

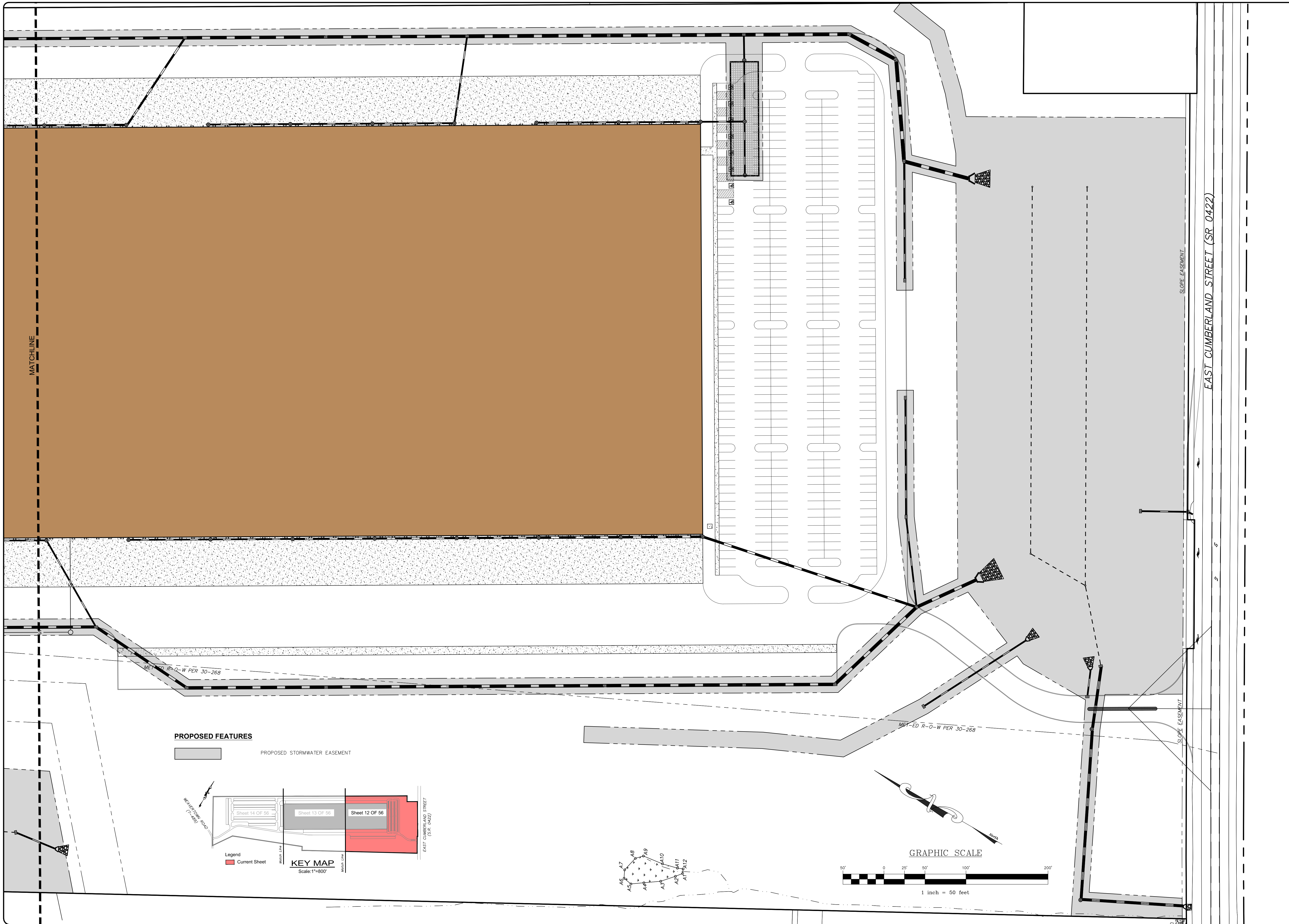
EXISTING FEATURES	PROPOSED FEATURES
--- EXISTING ADJOINER LINE	--- PROPOSED BUILDING SETBACK
--- EXISTING BOUNDARY LINE AND CORNERS	--- PROPOSED EDGE OF PAVEMENT AND CURB LINE
--- EXISTING RIGHT-OF-WAY	--- PROPOSED FENCE
--- EXISTING FENCE	--- PROPOSED CONCRETE/SIDEWALK
--- EXISTING SIDEWALK/CONCRETE	--- PROPOSED PIPE BOLLARD
--- EXISTING EDGE OF PAVEMENT AND CURB LINE	--- PROPOSED STORMWATER EASEMENT

REVISION	DATE	BY

OVERALL EASEMENT PLAN
 For
PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

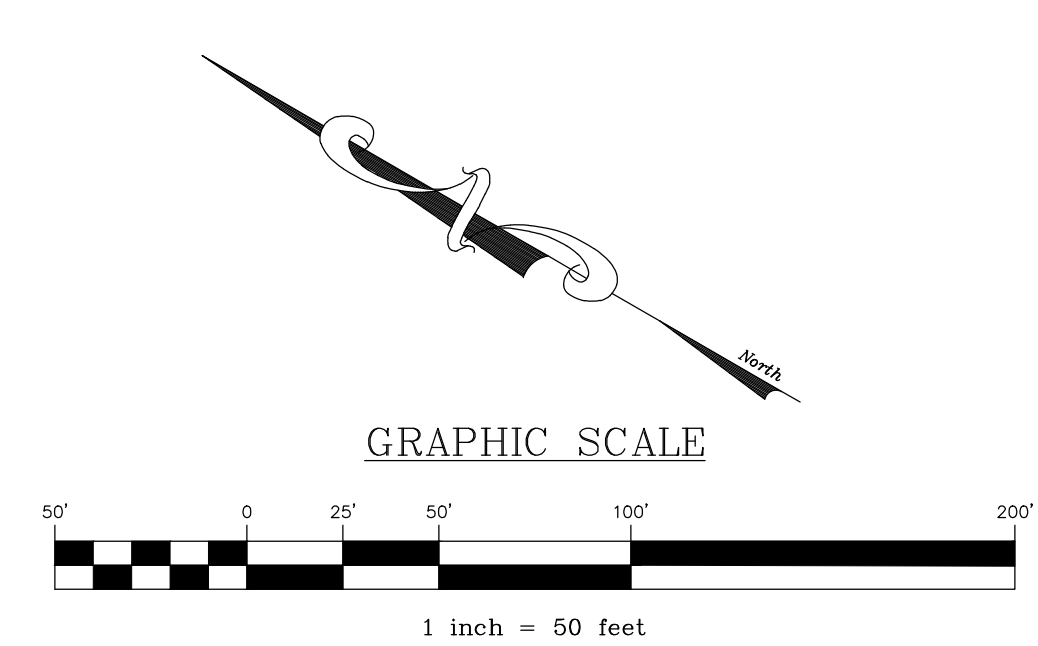
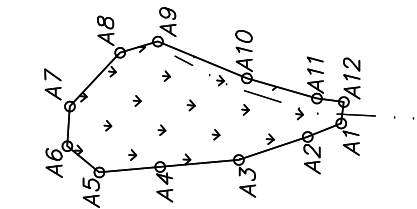
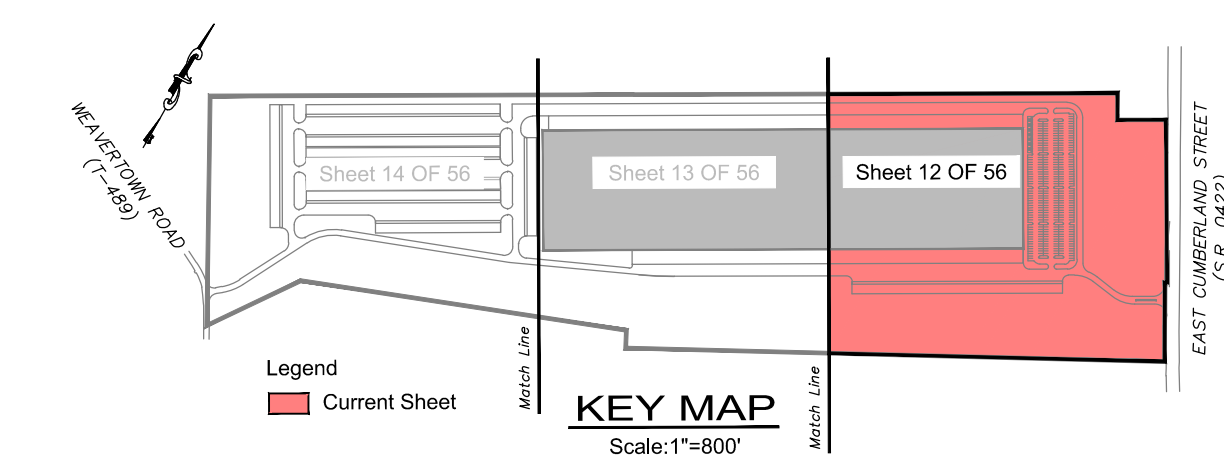
RESI
 Steckbeck Engineering & Surveying, Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=150'
PROJECT #	2214-22-001



PROPOSED FEATURES

PROPOSED STORMWATER EASEMENT

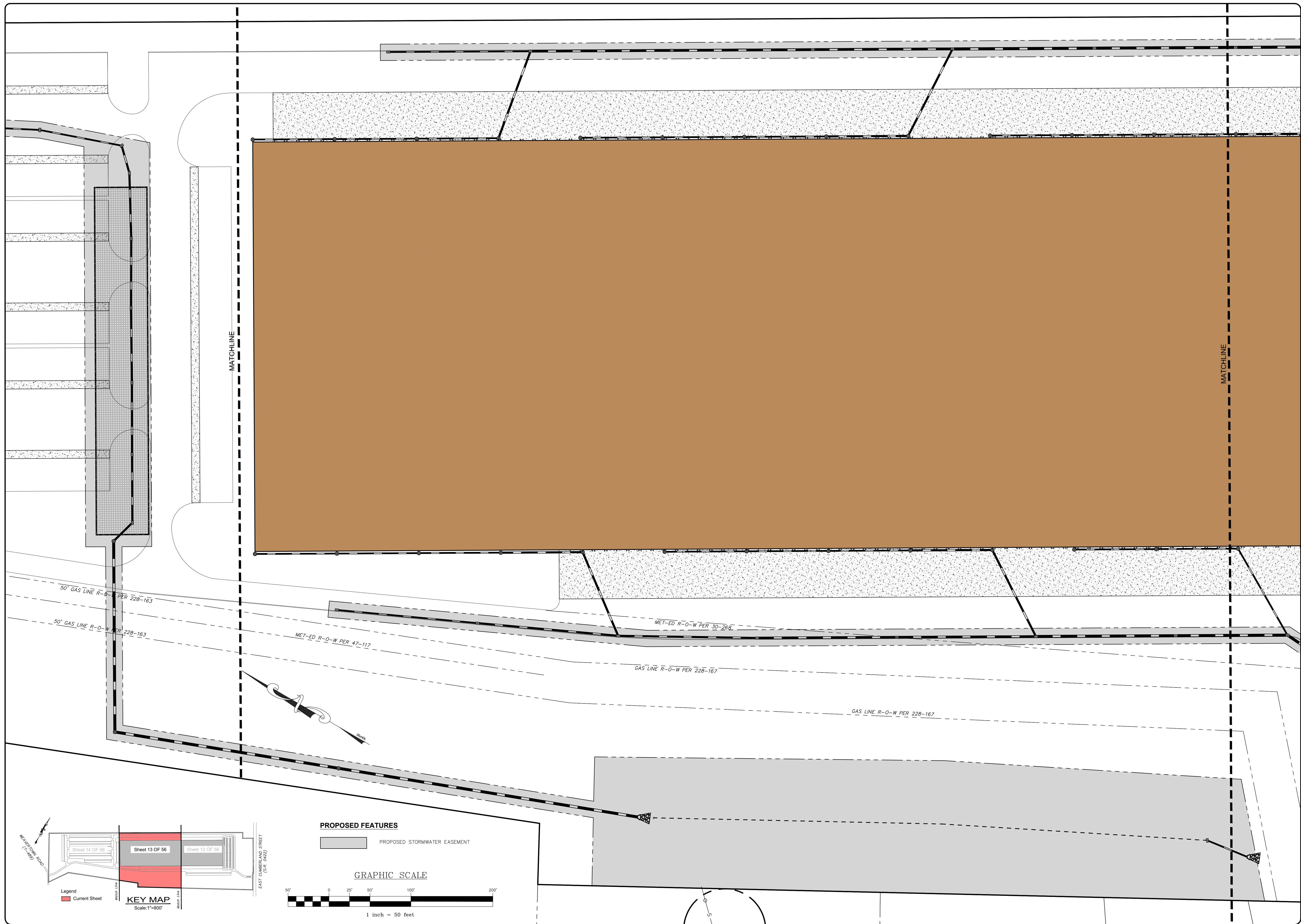


REVISION	DATE	BY

EASEMENT PLAN
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PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
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FIELD CREW:	TB/SS
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PROJECT #	2214-22-001



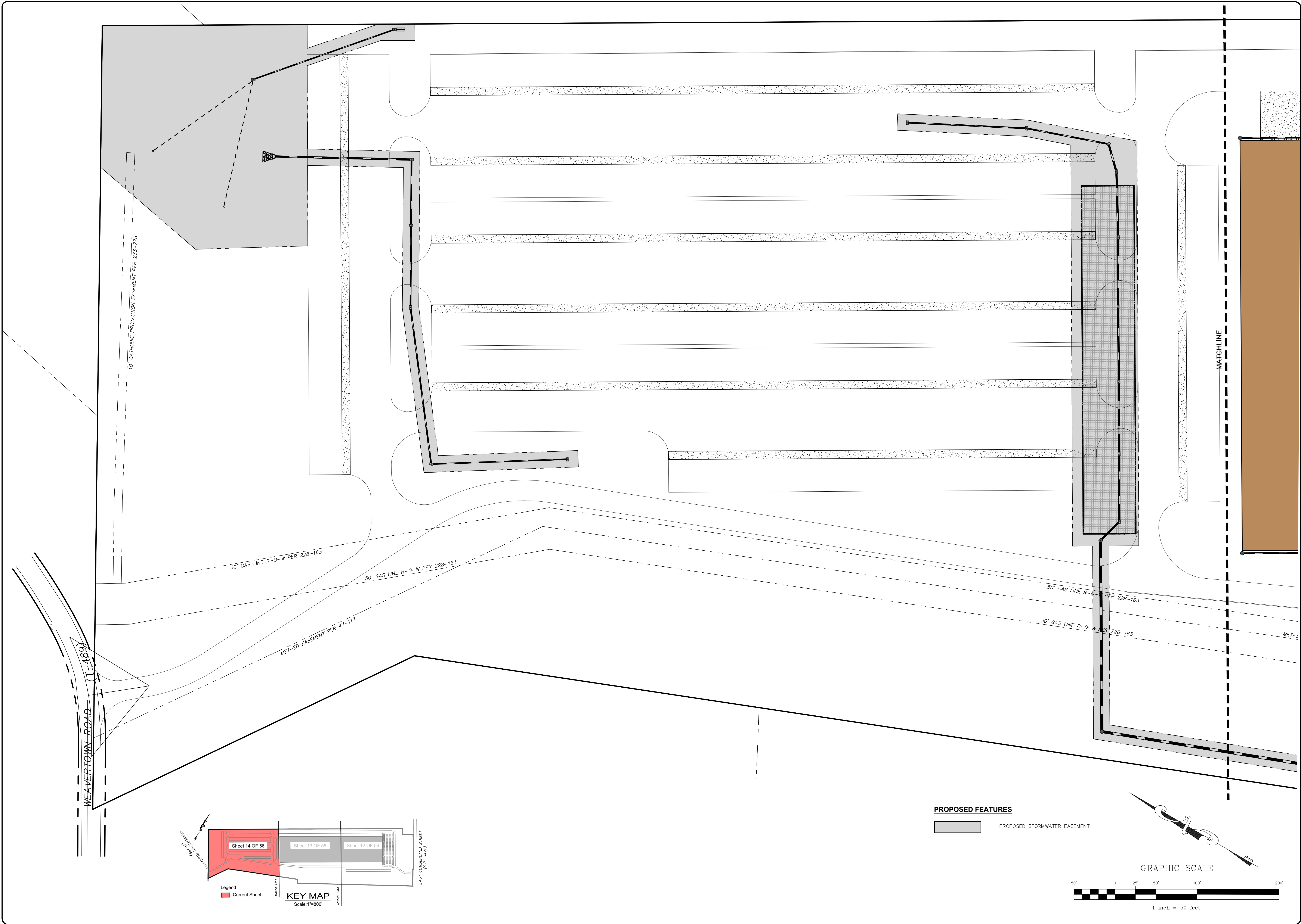
REVISION	DATE	BY

EASEMENT PLAN

PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
For
NLT WAREHOUSE AND TRAILER STORAGE
located in
North Lebanon Township
Lebanon County, Pennsylvania

SESI
Steadbeck Engineering & Surveying, Inc.
279 Lebanon, Pennsylvania 17042
Phone: (717) 272-7110
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FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
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PROJECT #	#2214-22-001



10' CATHODIC PROTECTION EASEMENT PER 233-278

50' GAS LINE R-O-W PER 228-163

50' GAS LINE R-O-W PER 228-163

MET-ED EASEMENT PER 47-117

50' GAS LINE R-O-W PER 228-163

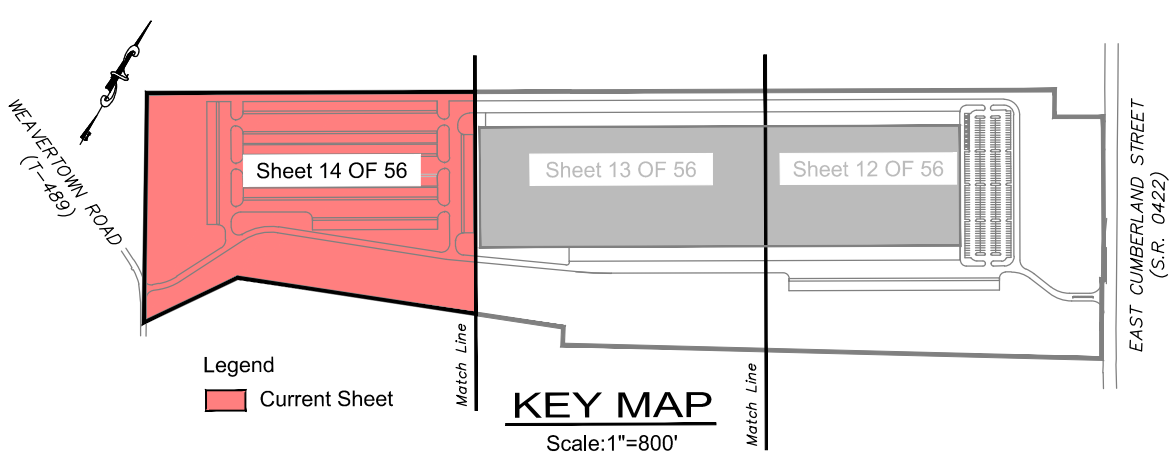
50' GAS LINE R-O-W PER 228-163

MET-L

MATCHLINE

WEAVERTOWN ROAD (T-489)

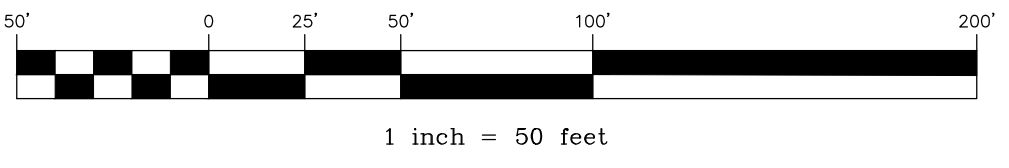
EAST CUMBERLAND STREET (C-142)



PROPOSED FEATURES

PROPOSED STORMWATER EASEMENT

GRAPHIC SCALE

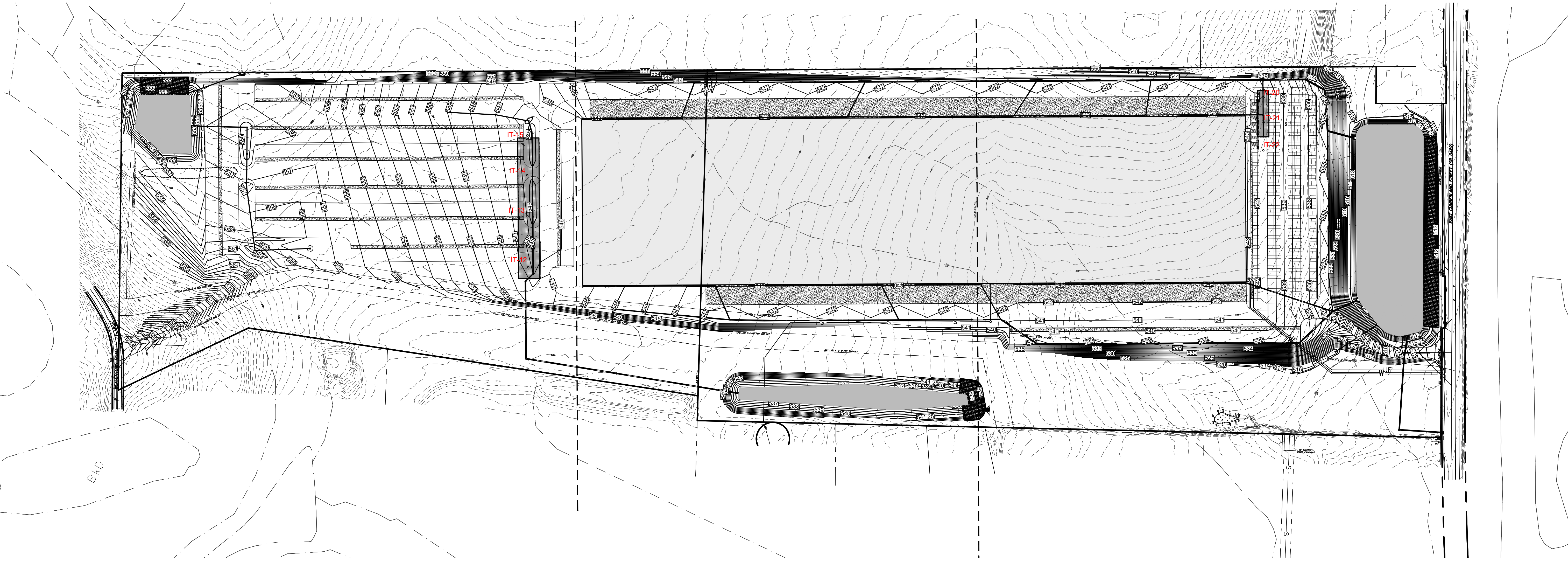
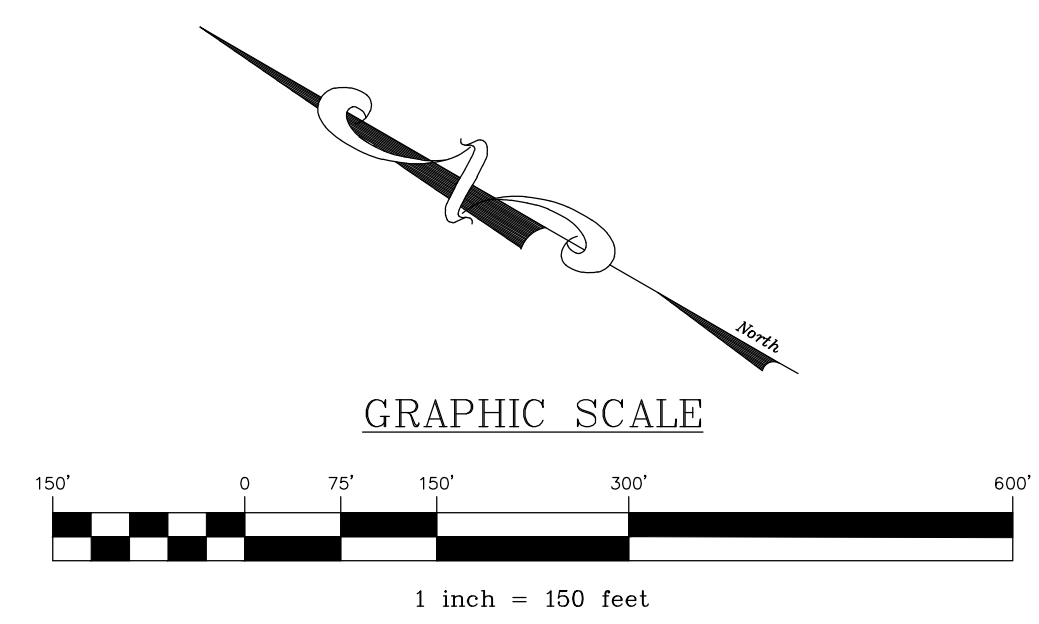


REVISION	DATE	BY

EASEMENT PLAN
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

RS&S
 Steadbeck Engineering & Surveying Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
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SCALE:	1"=50'
PROJECT #	#2214-22-001



INFILTRATION TESTING ELEVATIONS & DEPTHS			
	SURFACE ELEV.	TEST ELEV.	PROBE ELEV.
IT-1	514.00	508.00	506.00
IT-2	517.00	508.00	506.00
IT-3	512.00	508.00	506.00
IT-4	516.00	508.00	506.00
IT-5	511.00	508.00	506.00
IT-6	514.50	508.00	506.00
IT-7	511.50	508.00	506.00
IT-8	538.00	535.00	533.00
IT-9	542.50	535.00	533.00
IT-10	546.00	535.00	533.00
IT-11	548.00	535.00	533.00
IT-12	555.00	541.00	539.00
IT-13	558.00	541.00	539.00
IT-14	559.50	541.00	539.00
IT-15	560.00	541.00	539.00
IT-16	554.00	550.00	548.00
IT-17	553.00	550.00	548.00
IT-18	555.50	550.00	548.00
IT-19	555.50	550.00	548.00
IT-20	535.00	531.00	529.00
IT-21	534.00	531.00	529.00
IT-22	533.00	531.00	529.00

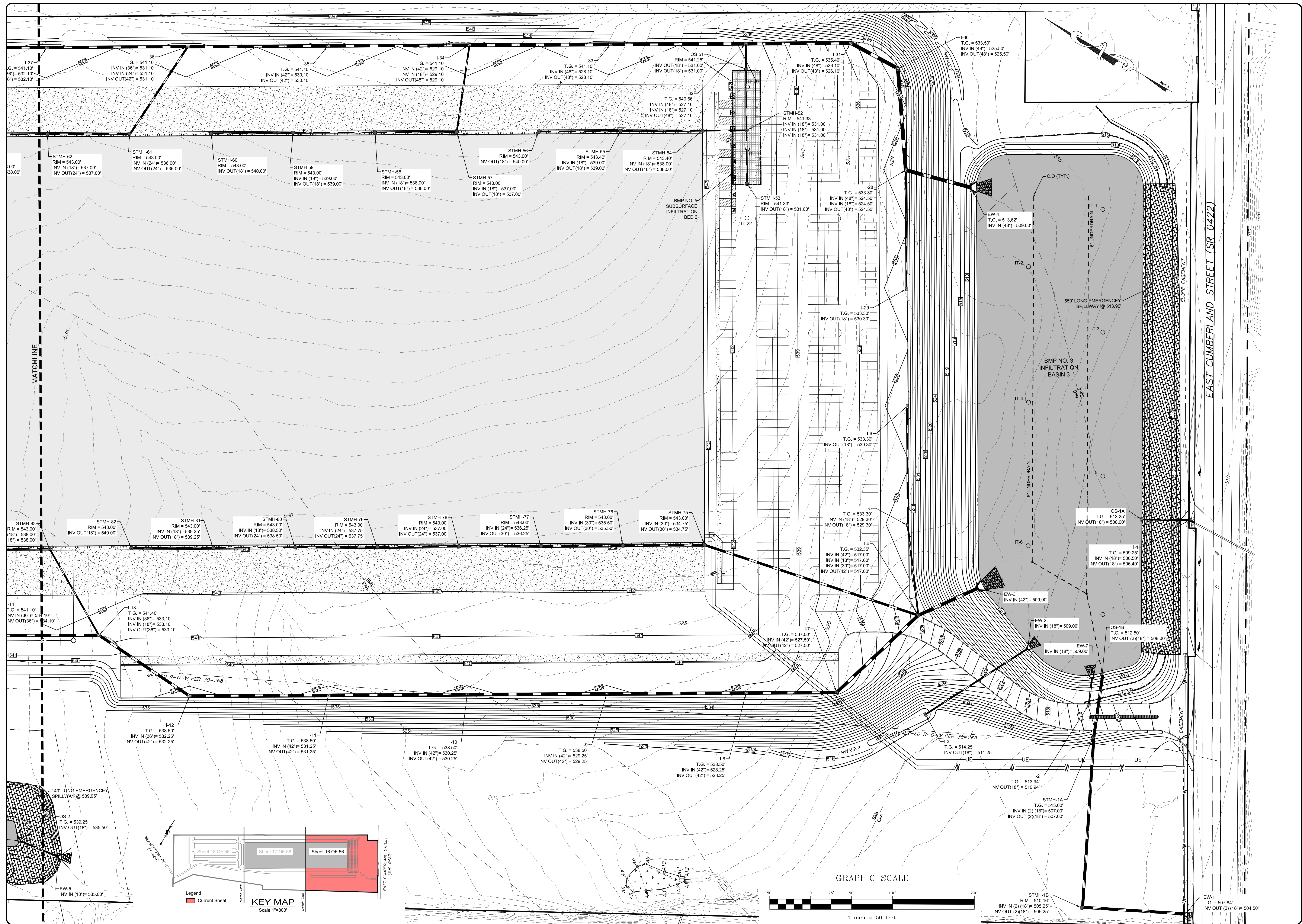
LEGEND

<p>EXISTING FEATURES</p> <ul style="list-style-type: none"> --- EXISTING ADJOINER LINE --- EXISTING BOUNDARY LINE AND CORNERS --- EXISTING EDGE OF PAVEMENT AND CURB LINE --- EXISTING RIGHT-OF-WAY --- EXISTING FENCE --- EXISTING SEWER --- EXISTING STORMWATER --- EXISTING WATERLINE --- EXISTING GASLINE 	<p>PROPOSED FEATURES</p> <ul style="list-style-type: none"> --- PROPOSED BUILDING SETBACK --- PROPOSED BOUNDARY LINE AND CORNERS --- PROPOSED EDGE OF PAVEMENT AND CURB LINE --- PROPOSED RIGHT-OF-WAY --- PROPOSED FENCE --- PROPOSED SEWER --- PROPOSED STORMWATER 	<p>EXISTING FEATURES</p> <ul style="list-style-type: none"> --- EXISTING SIDEWALK/CONCRETE --- EXISTING CONTOURS --- EXISTING TREELINE --- EXISTING TOWNSHIP BOUNDARY --- LIMITS OF FIELD SURVEY --- EXISTING SOILS --- EXISTING UTILITY POLE --- EXISTING LIGHT POLE 	<p>PROPOSED FEATURES</p> <ul style="list-style-type: none"> --- PROPOSED DOMESTIC WATERLINE --- PROPOSED GASLINE --- PROPOSED CONCRETE/SIDEWALK --- PROPOSED CONTOURS --- PROPOSED TREELINE --- PROPOSED UTILITY POLE --- PROPOSED LIGHT POLE <p>AMENDED SOILS PLANTED WITH ERNST SEEDS - FIRE TENSION BASIN FLOOR MIX-LOW MAINTENANCE (ERNMX-126)</p>
---	--	--	--

REVISION	DATE	BY

OVERALL POST CONSTRUCTION STORMWATER MANAGEMENT PLAN
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

FIELD CREW: TB/SS
 BASE MAP: MA
 DRAWN: CDS
 DESIGN: CDS
 CHECKED: SS
 DATE: 08-05-22
 SCALE: 1"=150'
 PROJECT # 2214-22-001

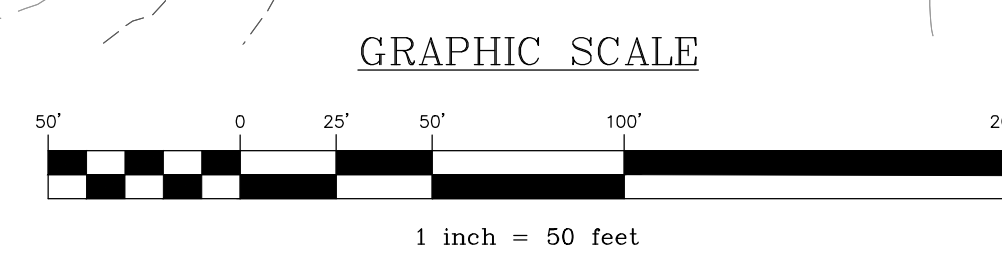
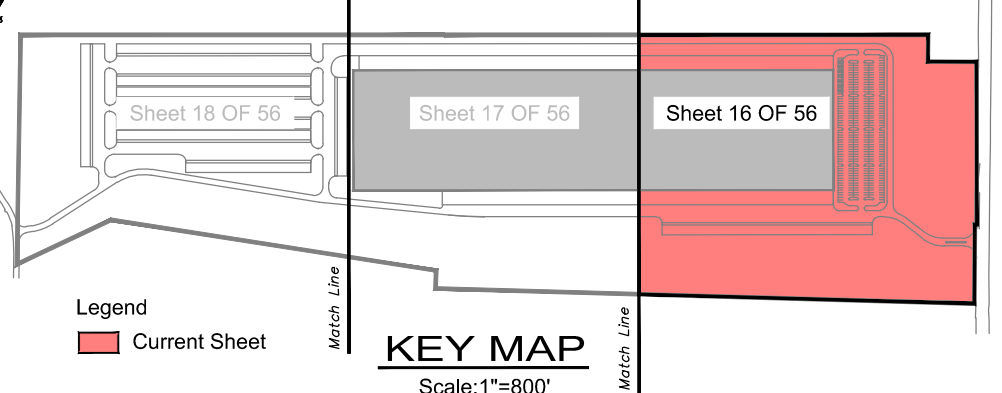


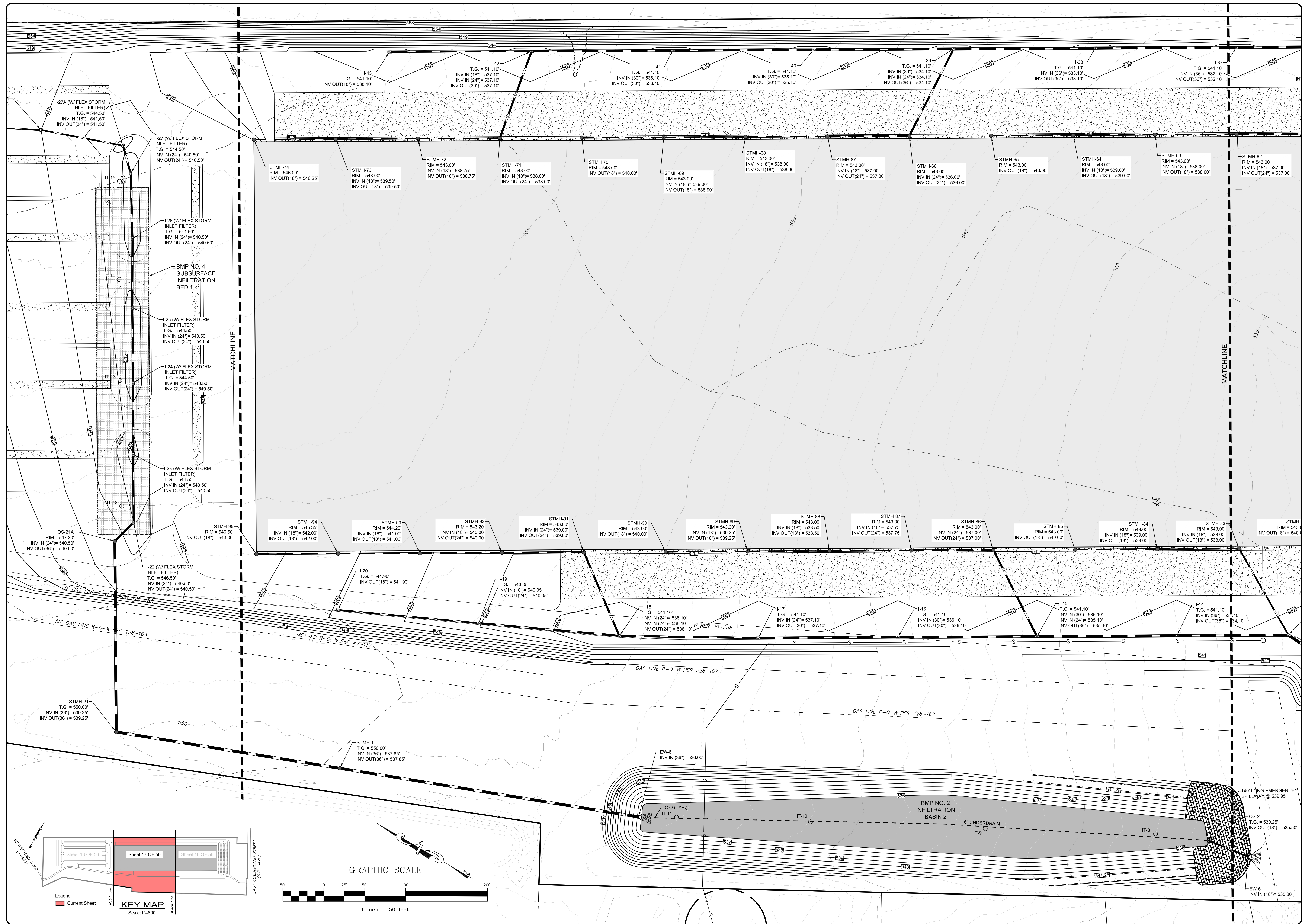
REVISION	DATE	BY

POST CONSTRUCTION STORMWATER MANAGEMENT PLAN
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

RSI
 Steadbeck Engineering & Surveying Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	2214-22-001



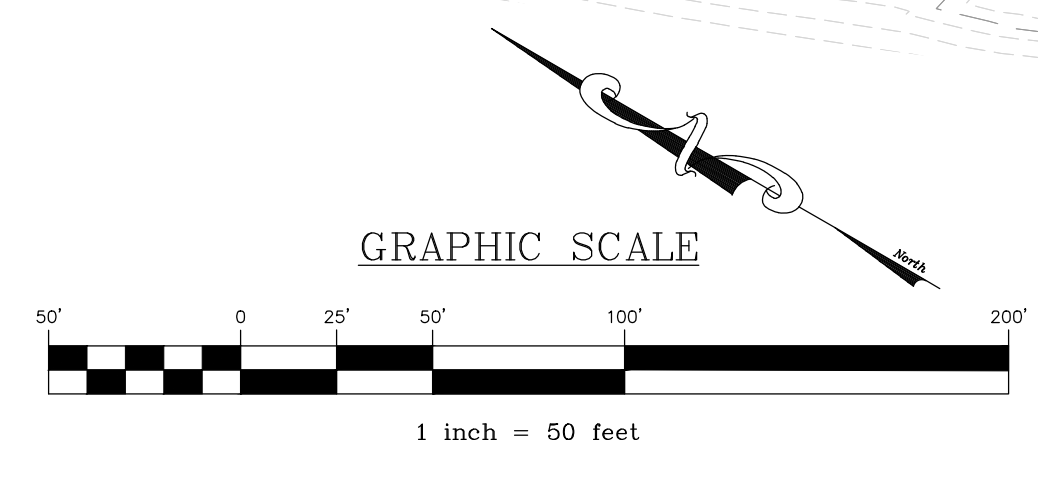
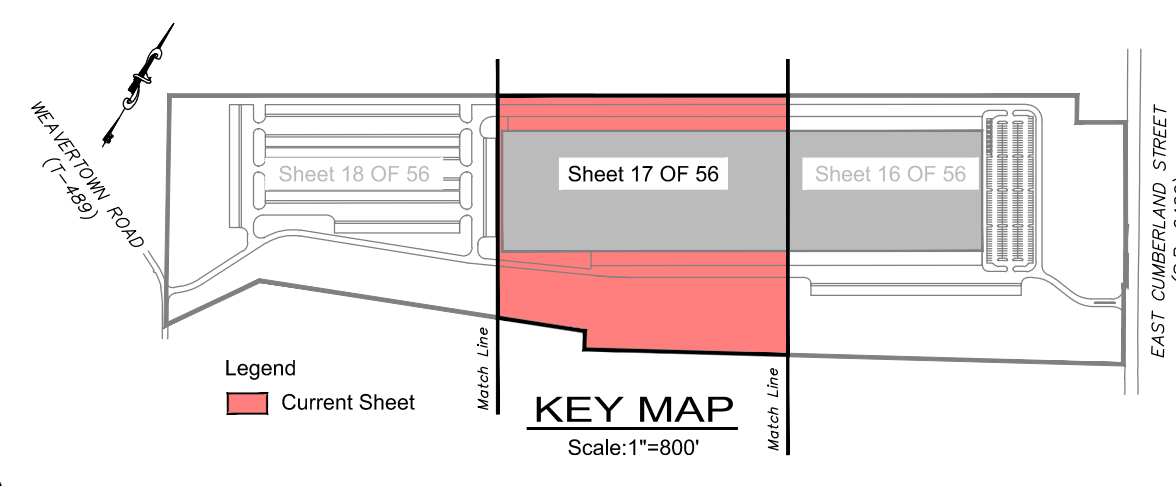


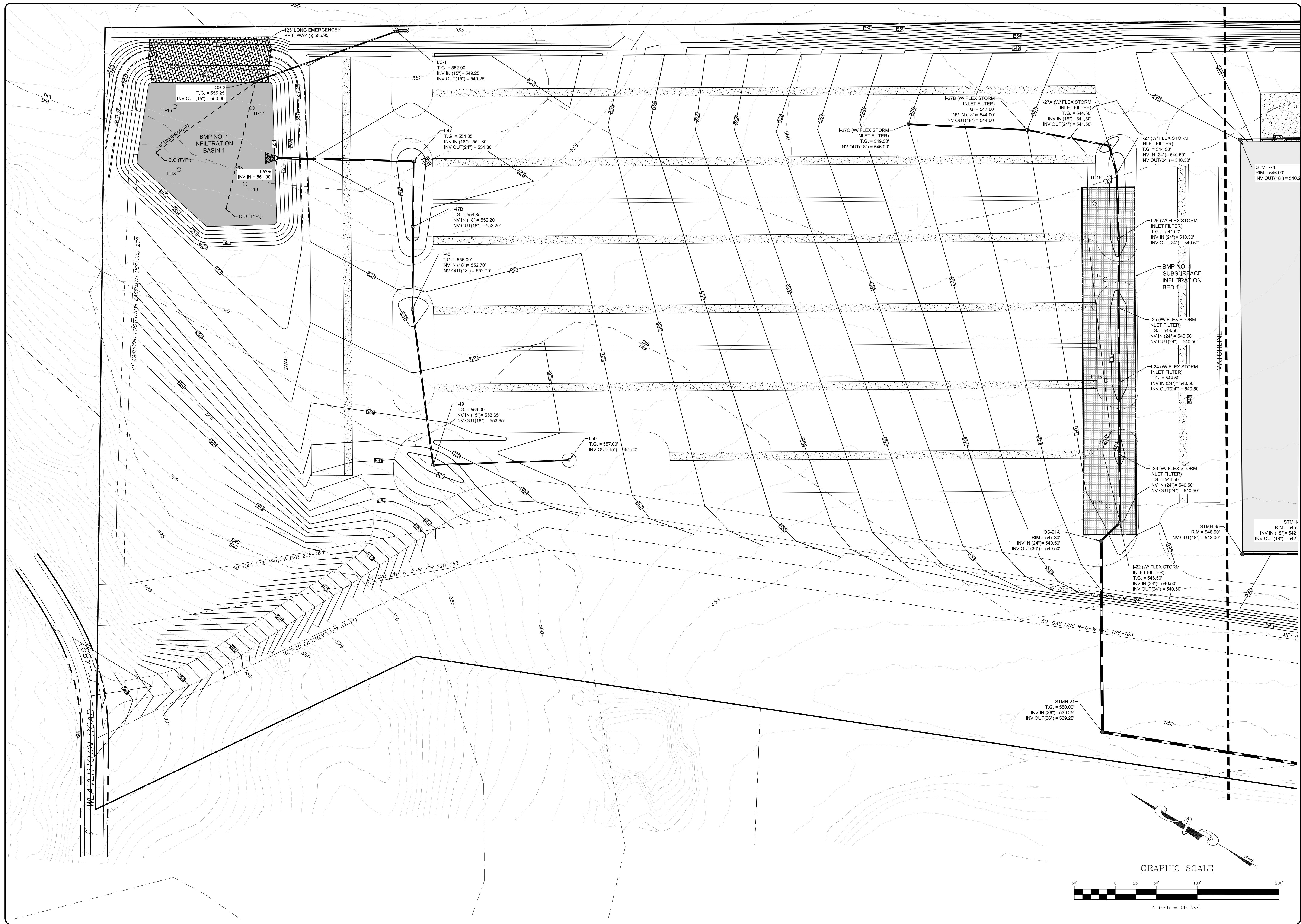
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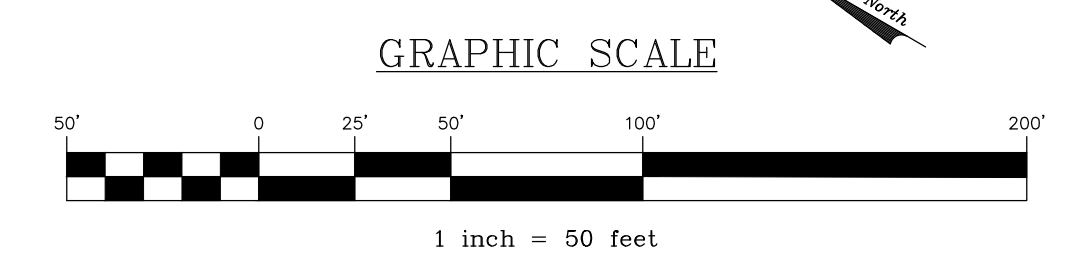


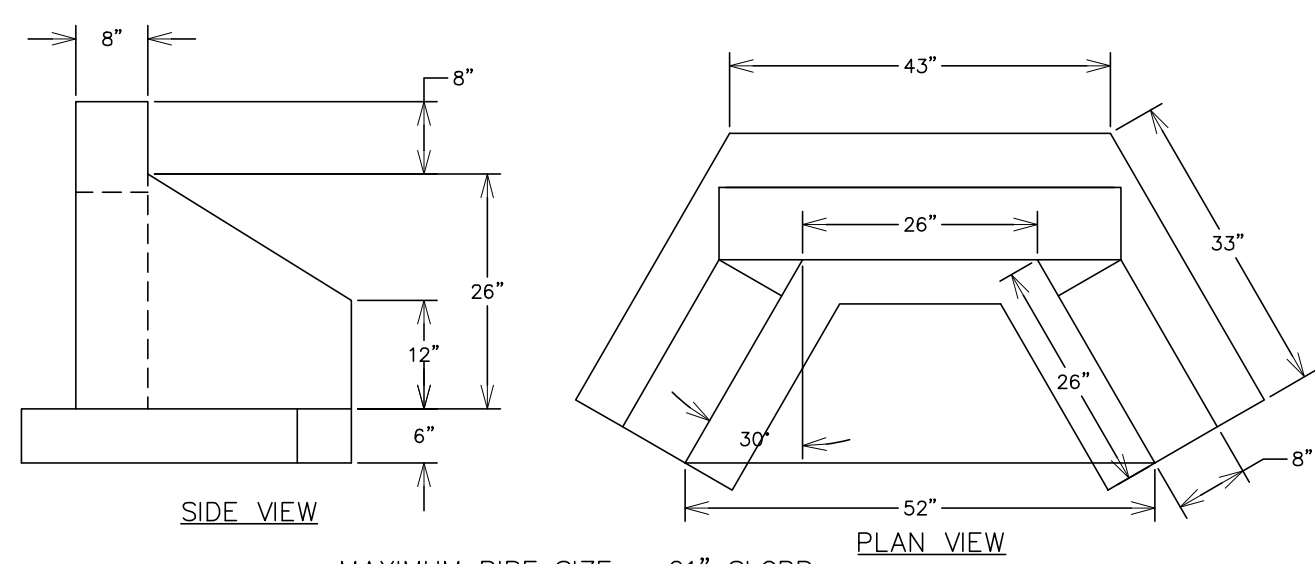
NO.	DATE	BY	REVISION

POST CONSTRUCTION STORMWATER MANAGEMENT PLAN
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 For
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 North Lebanon Township
 Lebanon County, Pennsylvania

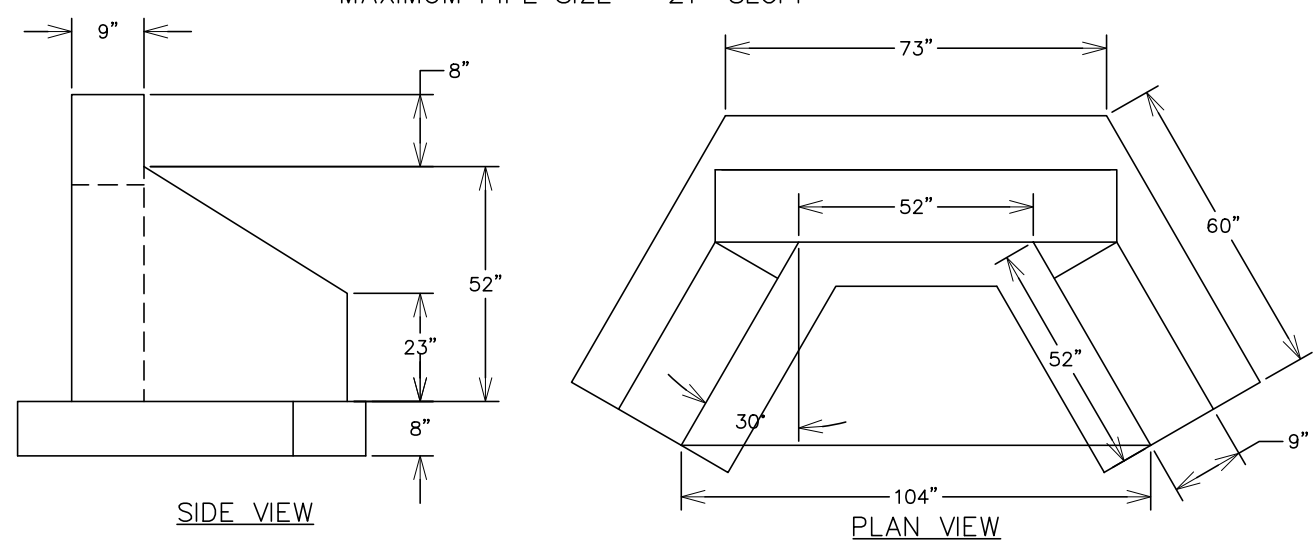
RSI
 Robb, Stuckert & Ingersoll, Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
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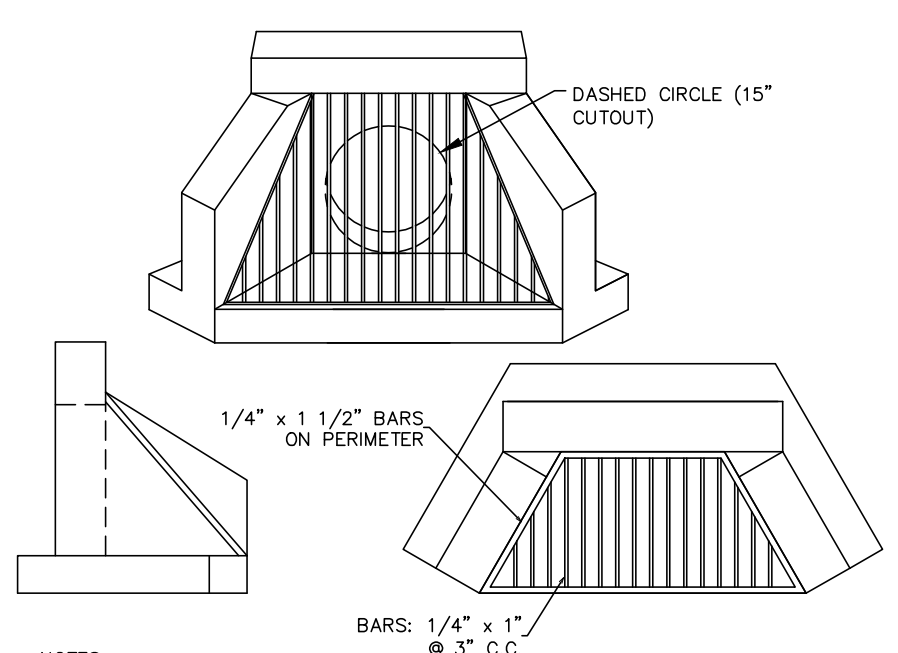
MAXIMUM PIPE SIZE - 21" SLCPP



MAXIMUM PIPE SIZE - 48" SLCPP

TYPE DW ENDWALL DETAIL

NO SCALE

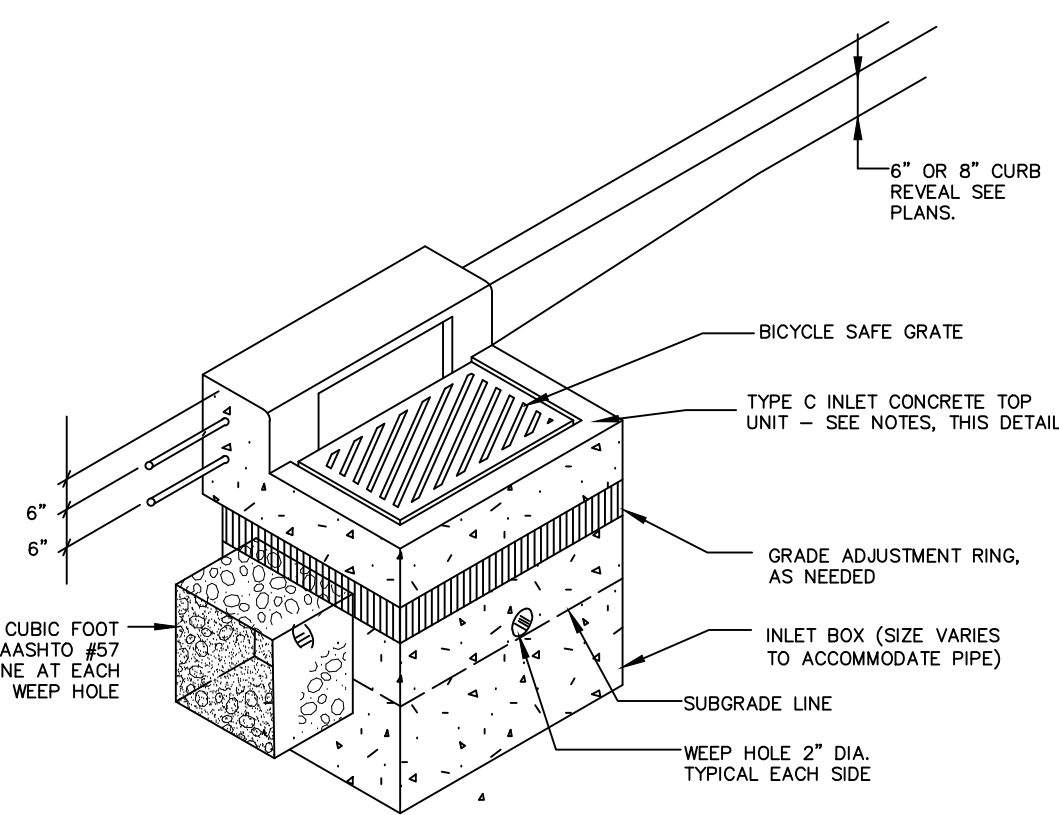


- 1. MATERIALS TO BE HOT DIPPED GALVANIZED STEEL.
- 2. ATTACH TRASH RACK TO HEADWALL WITH 3/8" DIA. S.S. ANCHOR BOLTS.
- 3. HINGED VERSION WITH LOCKING DEVICES.

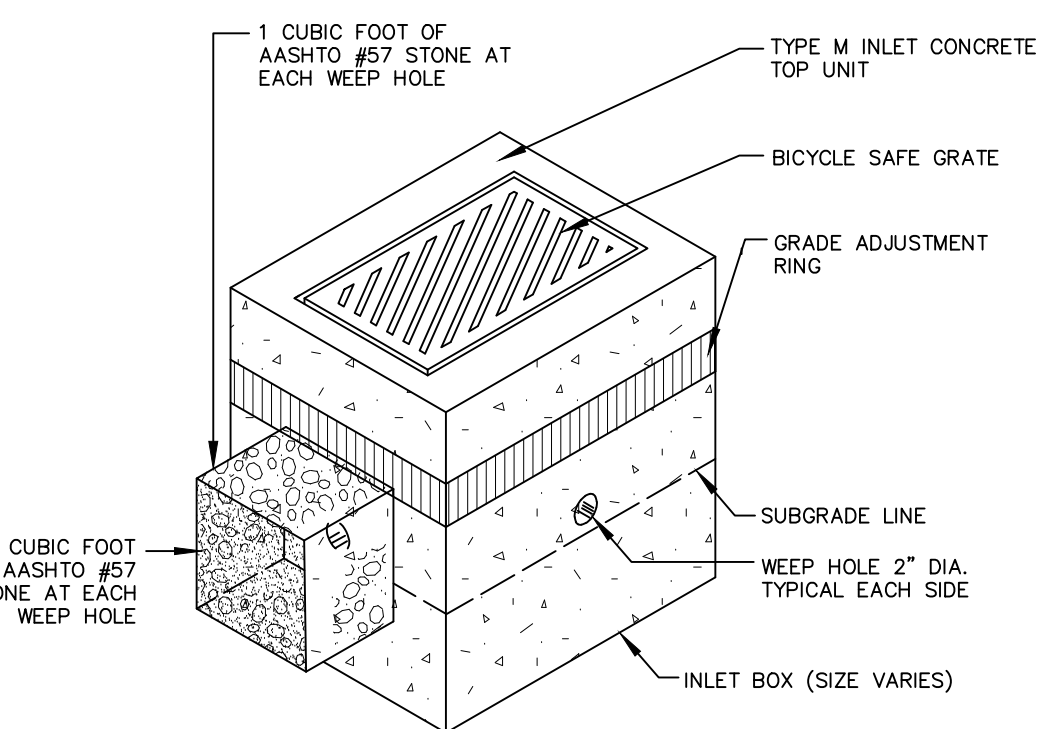
NOTES: ALL TYPE DW ENDWALLS SHALL CONFORM TO THE CURRENT PENNDOT RC-31M DRAWINGS

TYPE DW ENDWALL WITH TRASH RACK DETAIL

NO SCALE



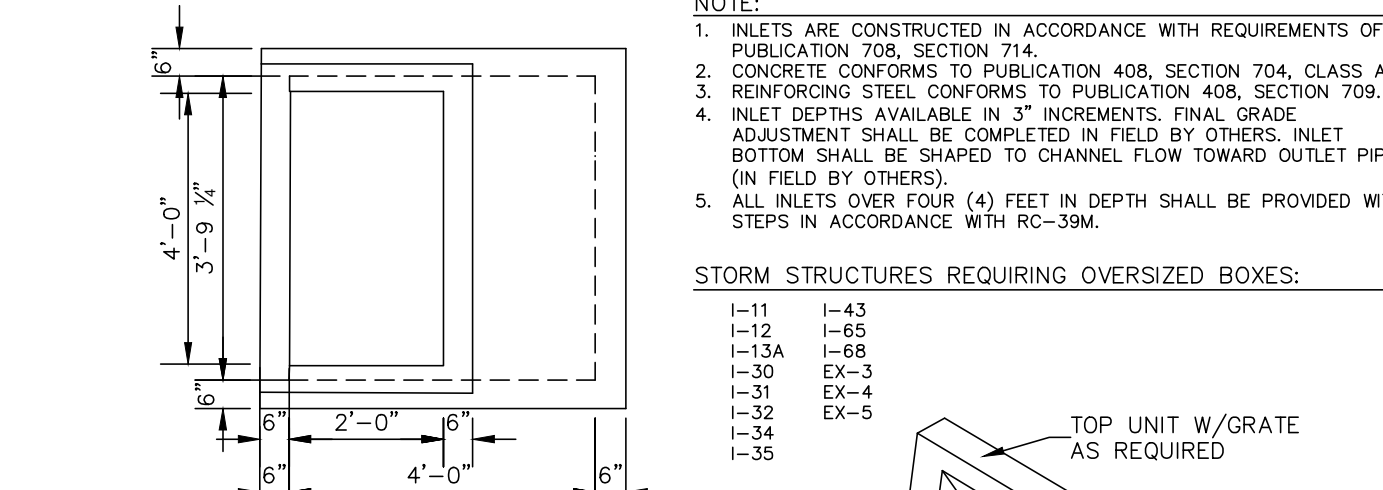
PA DOT TYPE 'C' INLET



PA DOT TYPE 'M' INLET

PADOT STORMWATER INLETS (TYPE C & M)

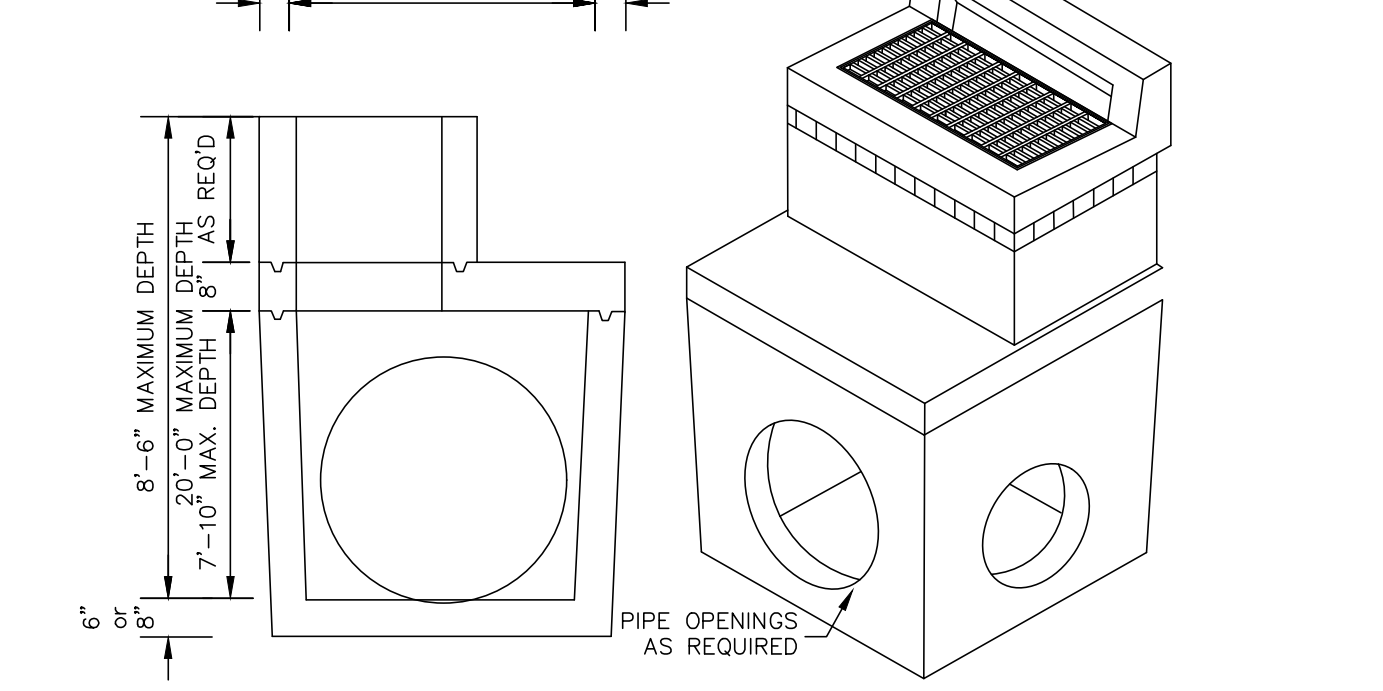
NO SCALE



- NOTES:**
1. INLETS ARE CONSTRUCTED IN ACCORDANCE WITH REQUIREMENTS OF PUBLICATION 708, SECTION 714.
 2. CONCRETE CONFORMS TO PUBLICATION 408, SECTION 704, CLASS AA.
 3. REINFORCING STEEL CONFORMS TO PUBLICATION 408, SECTION 709.
 4. INLET DEPTHS AVAILABLE IN 3" INCREMENTS. FINAL GRADE ADJUSTMENT SHALL BE COMPLETED IN FIELD BY OTHERS. INLET BOTTOM SHALL BE SHAPED TO CHANNEL FLOW TOWARD OUTLET PIPE (IN FIELD BY OTHERS).
 5. ALL INLETS OVER FOUR (4) FEET IN DEPTH SHALL BE PROVIDED WITH STEPS IN ACCORDANCE WITH RC-39M.

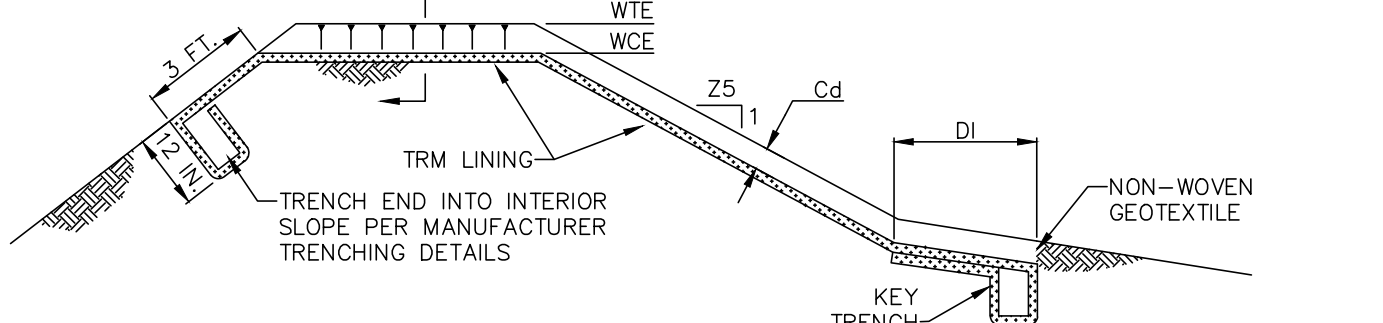
STORM STRUCTURES REQUIRING OVSIZED BOXES:

- I-11 I-43
- I-12 I-68
- I-13A I-68
- I-30 EX-3
- I-31 EX-4
- I-32 EX-5
- I-34 EX-5
- I-35

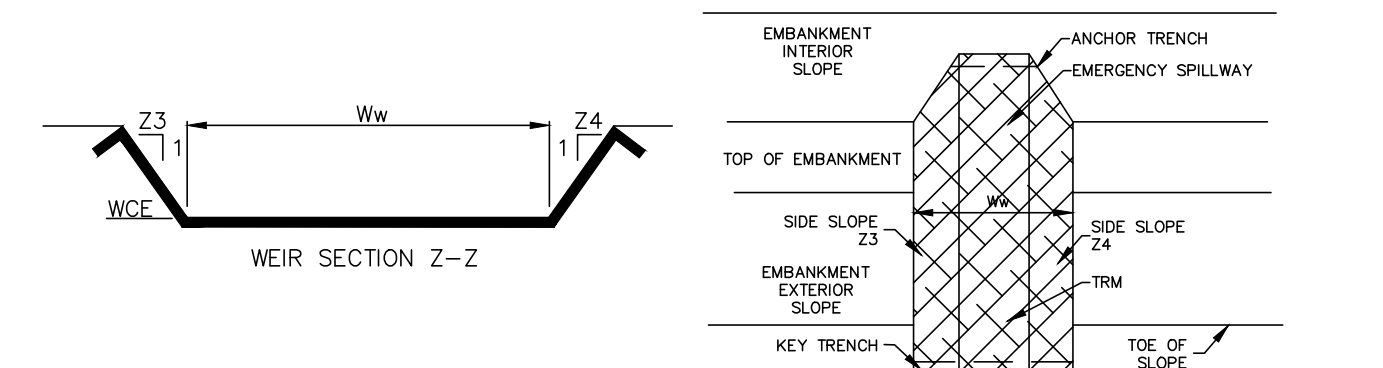


48" X 48" PRECAST INLET BOX

NOT TO SCALE

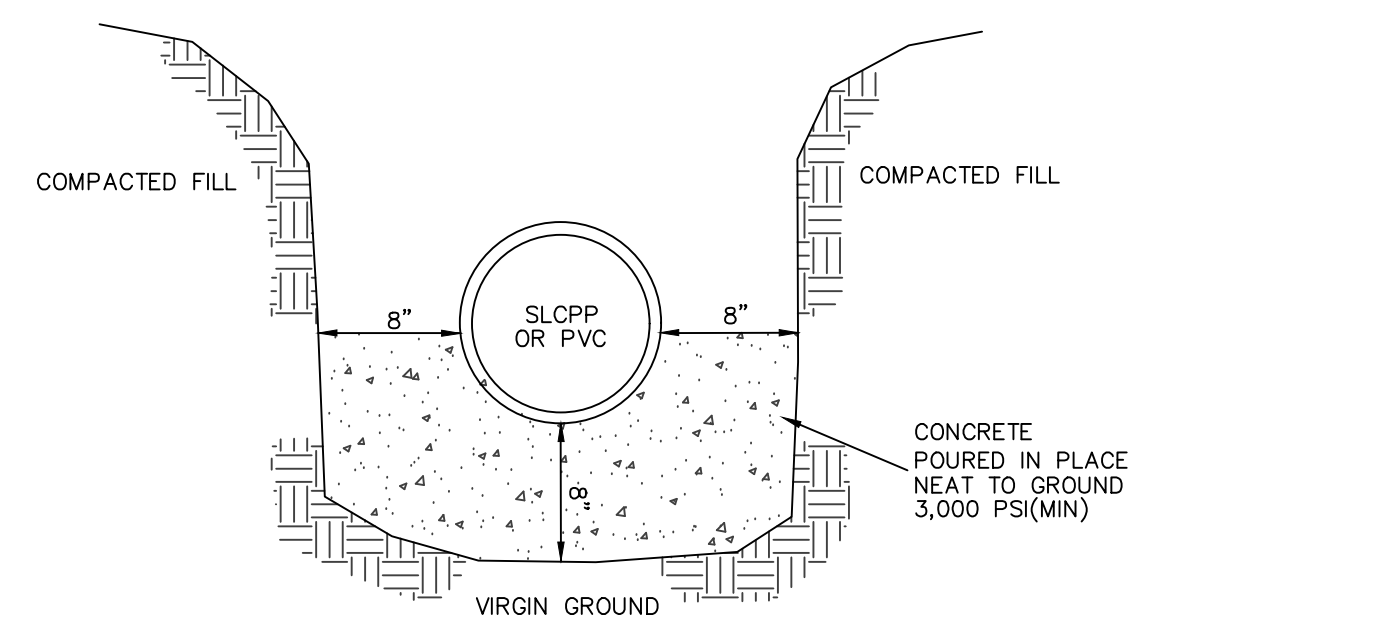


BASIN NO.	WEIR		TOP ELEV WTE (FT)	CREST ELEV WCE (FT)	WIDTH Ww (FT)	TRM TYPE	STAPLE PATTERN	CHANNEL		DISSIPATOR		RIPRAP THICK. (IN)	RIPRAP DR. (N)
	Z3 (FT)	Z4 (FT)						Z5 (FT)	DEPTH Cd (FT)	LENGTH Dl (FT)	WIDTH Dm (FT)		
1	3	3	557.25	555.95	125	C350	E	3	1.30	7	N/A	N/A	N/A
2	3	3	541.25	539.95	140	C350	E	3	1.30	7	N/A	N/A	N/A
3	3	3	515.25	513.90	550	C350	E	3	1.35	7	N/A	N/A	N/A



BASIN EMERGENCY SPILLWAY DETAIL

NO SCALE

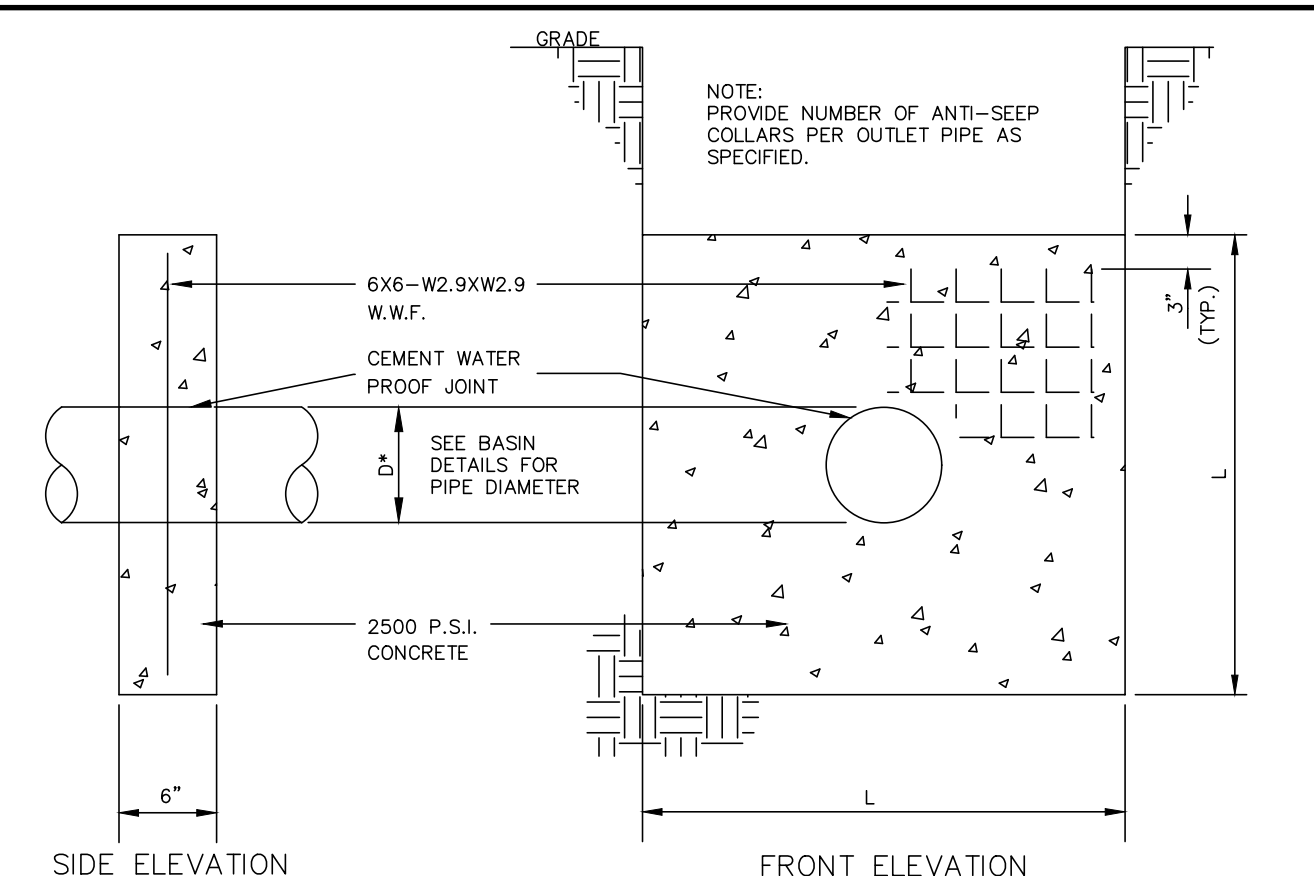


CROSS-SECTION AT OUTLET BARREL

- NOTES:**
1. A CONCRETE CRADLE MAY BE USED IN CONJUNCTION WITH ANTI-SEEP COLLARS AND/OR FILTER DIAPHRAGM.
 2. ANTI-SEEP COLLAR NUMBER, SIZE AND SPACING SHALL BE AS SHOWN ELSEWHERE IN PLAN.
 3. THE CONCRETE CRADLE SHALL RUN ALONG THE ENTIRE LENGTH OF THE PIPE.

CONCRETE CRADLE DETAIL

NO SCALE

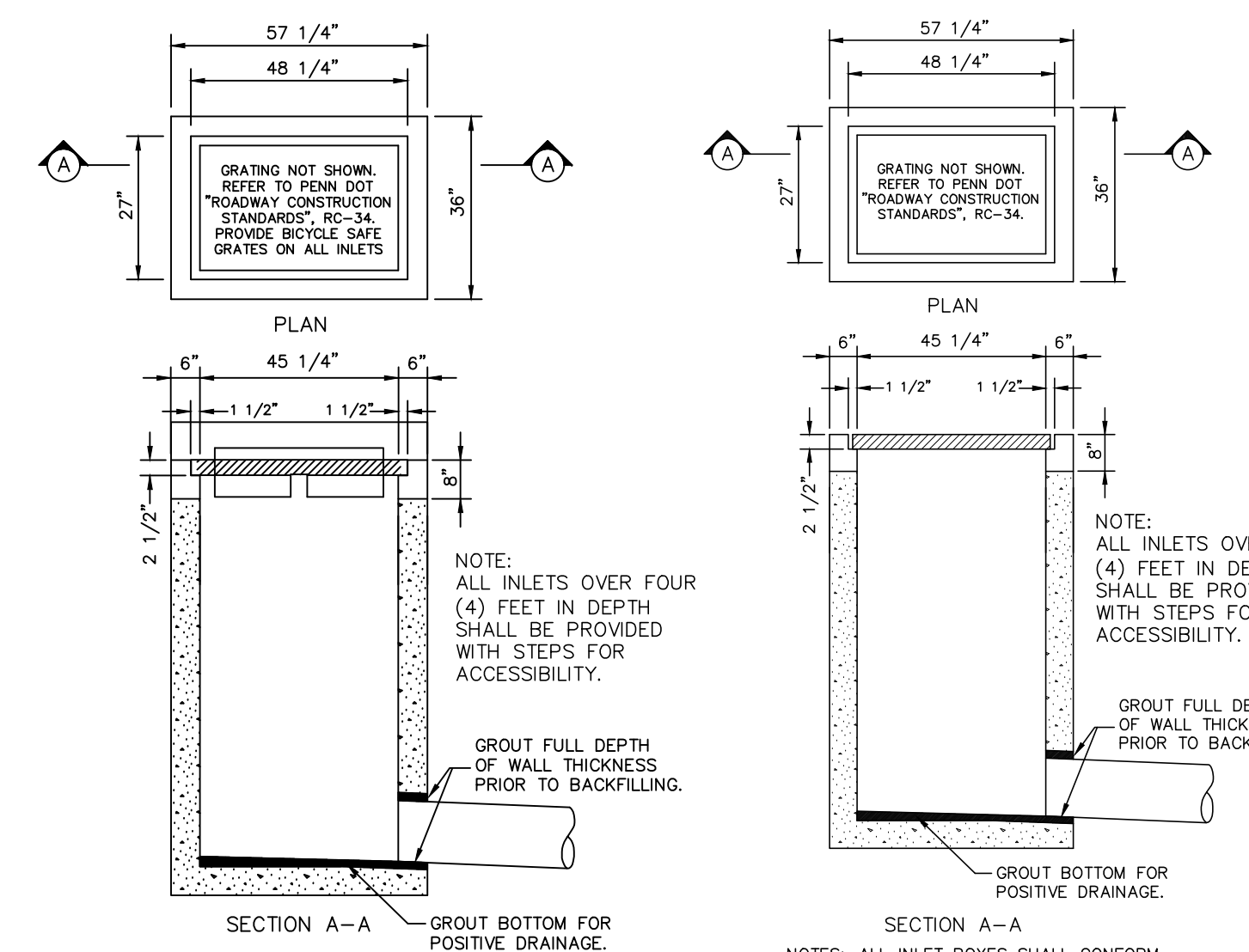


CONCRETE ANTI-SEEP COLLAR

BASIN	L	DIA.	# OF COLLARS
1	6.99'	18"	2
2	6.66'	18"	2
3	6.70'	24"	2

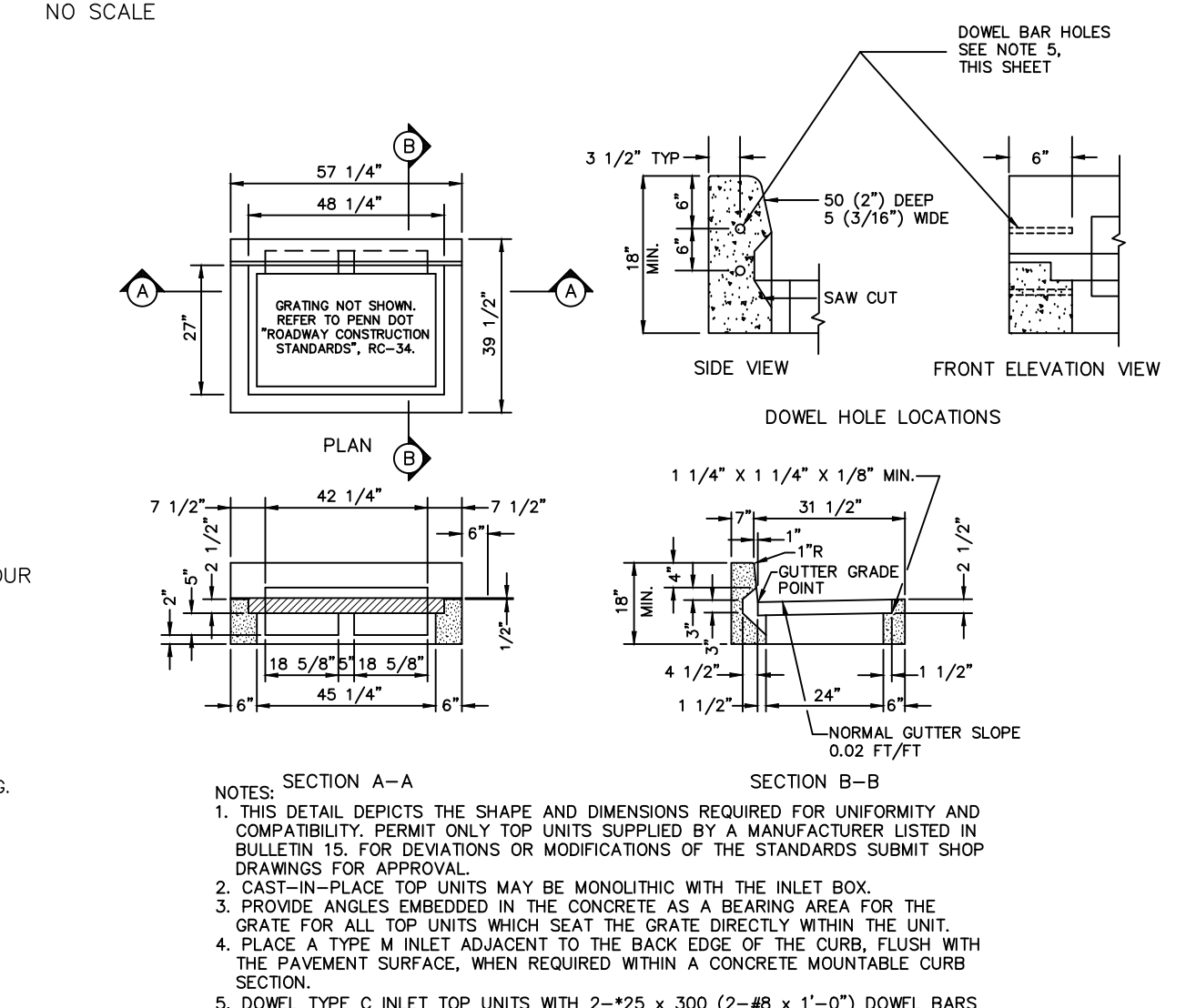
CONCRETE ANTI-SEEP COLLAR

NO SCALE



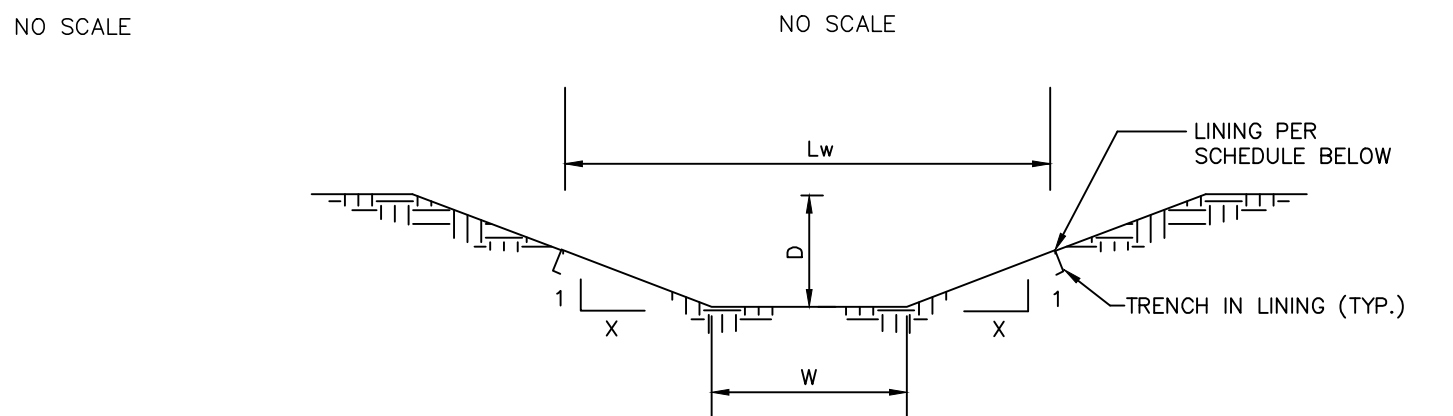
TYPE C INLET CROSS SECTION DETAIL

NO SCALE



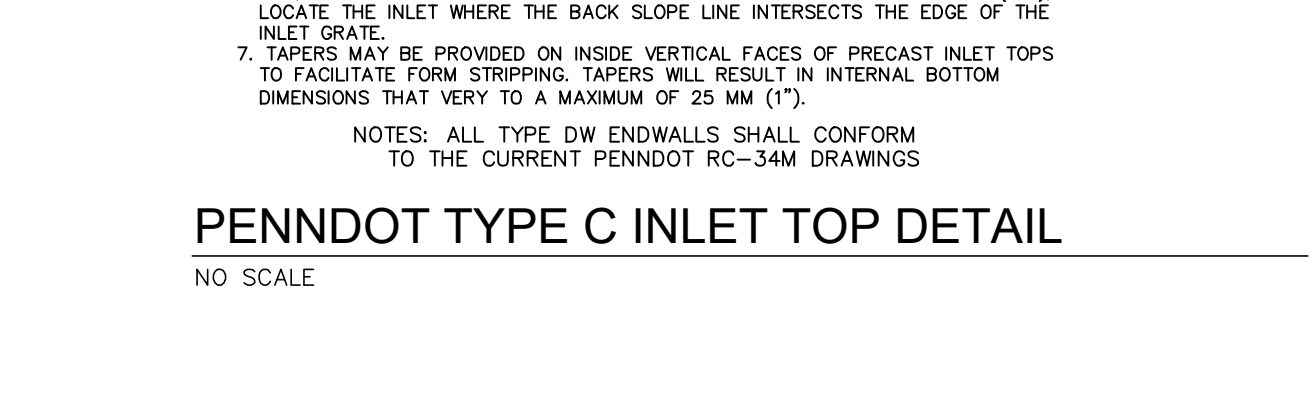
TYPE M INLET CROSS SECTION

NO SCALE



STORMWATER SWALE DETAIL

NO SCALE

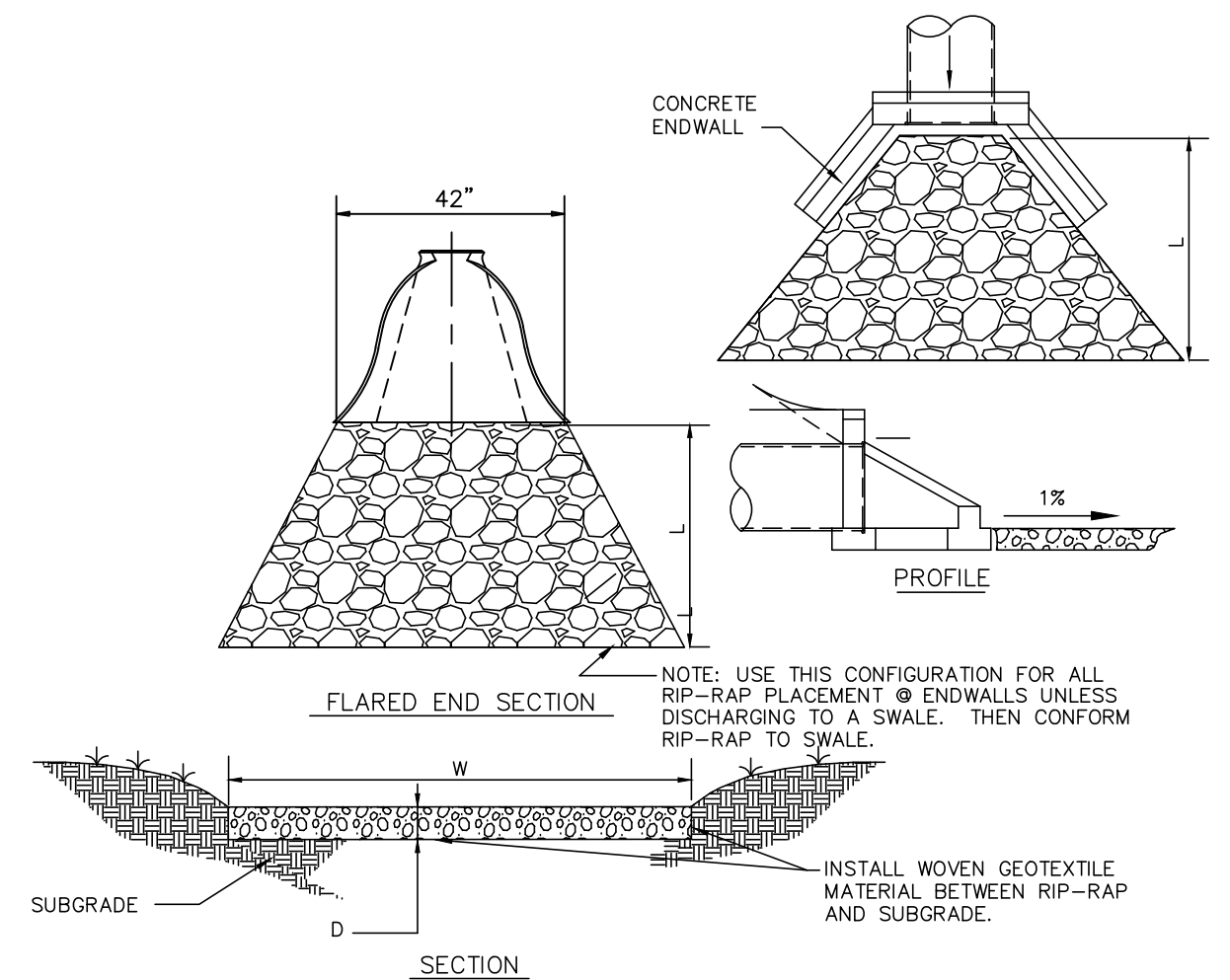


PENNDOT TYPE C INLET TOP DETAIL

NO SCALE

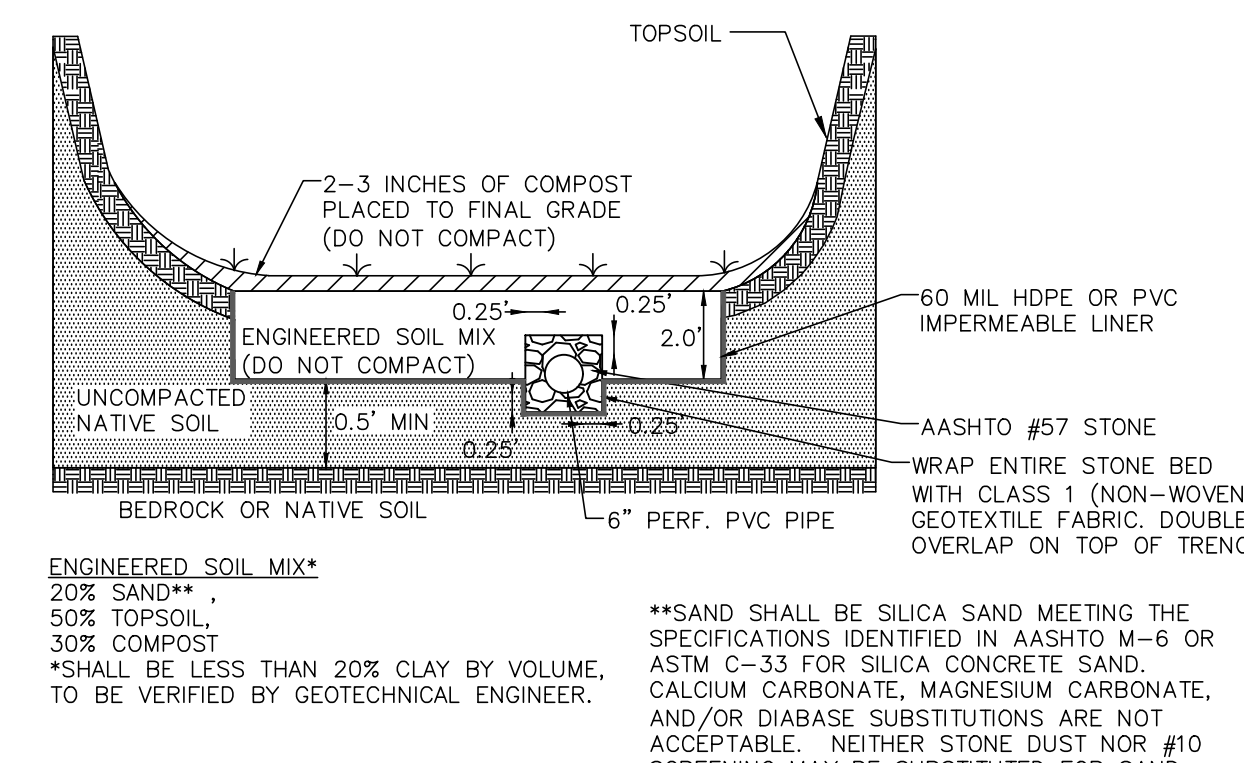
INLET NOTES:

1. CONCRETE TOP UNITS WHICH SEAT THE GRATE DIRECTLY WITHIN THE UNIT SHALL UTILIZE 1-1/4" X 1-1/4" ANGLES EMBEDDED IN THE CONCRETE AS A BEARING AREA FOR THE GRATE.
2. THIS STANDARD DEPICTS THE SHAPE AND DIMENSIONS REQUIRED FOR UNIFORMITY AND COMPATIBILITY. IT IS NOT INTENDED TO SHOW THE DETAILS REQUIRED FOR MANUFACTURING AND HANDLING. ONLY THOSE ITEMS WHICH ARE SUPPLIED BY AN APPROVED MANUFACTURER AS LISTED IN PA BULLETIN NO. 15 WILL BE PERMITTED.
3. WHENEVER AN INLET IS REQUIRED WITHIN A MOUNTABLE CURB SECTION, A TYPE M INLET WILL BE LOCATED ADJACENT TO THE BACK EDGE OF THE CURB AND WILL BE FLUSH WITH THE PAVEMENT SURFACE. SEE PA DOT RC-65 FOR INSTALLATION DETAILS.
4. THE SELECTION OF COMPONENTS TO ACHIEVE A SPECIFIED INLET TYPE IS THE CONTRACTOR'S RESPONSIBILITY.
5. PIPES SHALL BE LOCATED AS REQUIRED.
6. WEEP HOLES SHALL BE INSTALLED AS REQUIRED BY SECTION 605, PA DOT FORM 408.
7. GRADE ADJUSTMENT RINGS MAY BE OF MASONRY OR PRECAST CONCRETE CONSTRUCTION, AS APPROVED.
8. INLET BOX SHALL BE PRECAST CONCRETE.
9. REFER TO PA DOT BUREAU OF DESIGN STANDARDS RC-34.
10. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH PADOT PUBLICATION 408, SECTION 605 & STANDARDS FOR ROADWAY CONSTRUCTION, RC-34. CONTRACTOR SHALL VERIFY INLET BOX SIZING BASED ON PIPE SIZES AND ALIGNMENT PRIOR TO ORDERING PRECAST STRUCTURES.
11. ALL DRAINAGE STRUCTURES SHALL HAVE POURED-IN-PLACE CONCRETE CHANNEL BOTTOM, UNLESS OTHERWISE NOTED.
12. ALL STORMWATER INLET BOXES, CONCRETE TOP UNITS, AND INLET GRATES AND FRAMES SHALL CONFORM TO CURRENT PENNDOT RC-34M STANDARDS.



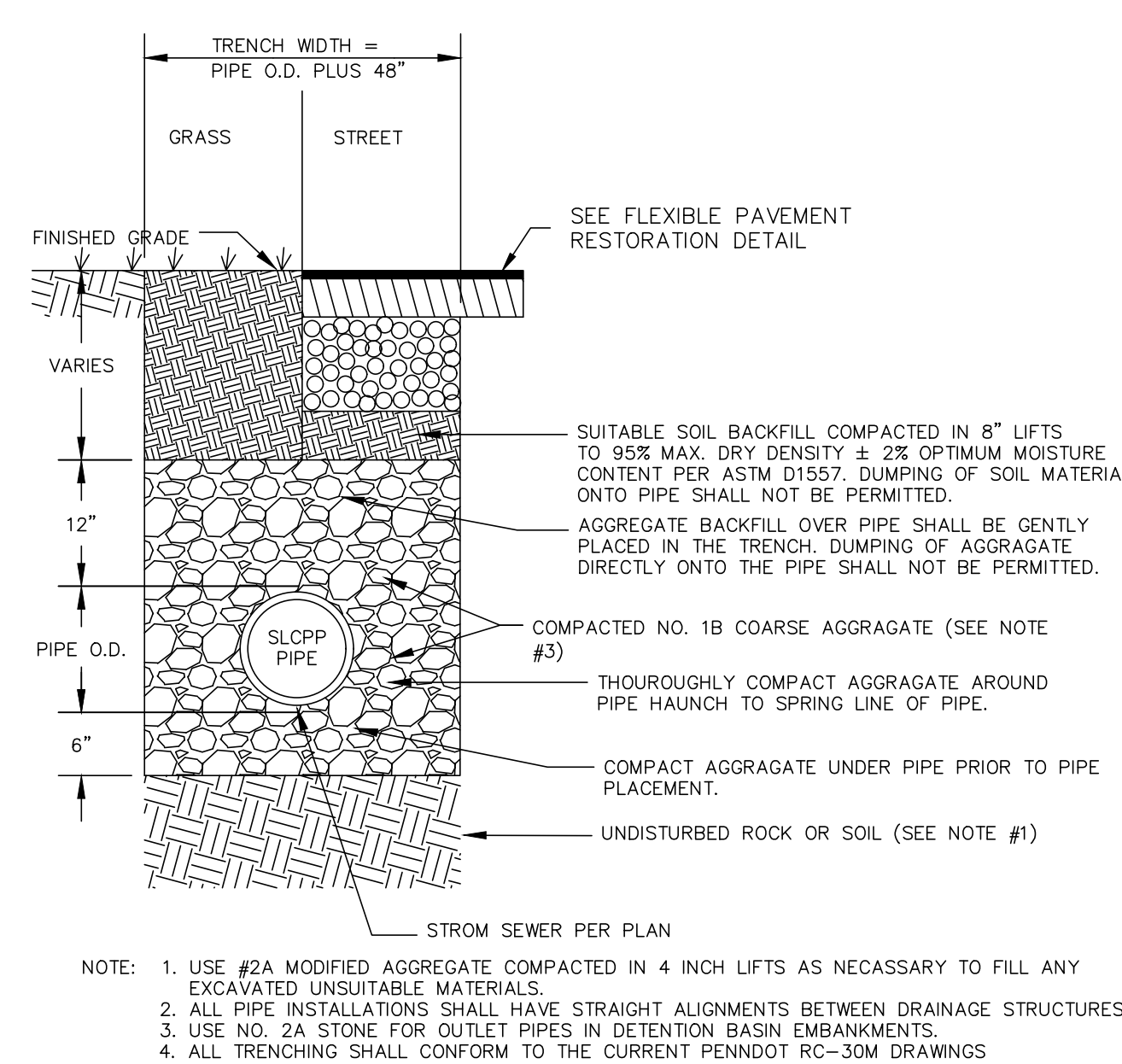
FLARED END SECTION/ENDWALL RIP RAP DETAIL

NO SCALE



MRC BASIN 1 BOTTOM DETAIL

NO SCALE



TYPICAL SLCPP TRENCH DETAIL (PUB. 72M, RC-30M)

NO SCALE

REVISION	DATE	BY

REVISION	DATE	BY

POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS

PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
for
NLT WAREHOUSE AND TRAILER STORAGE

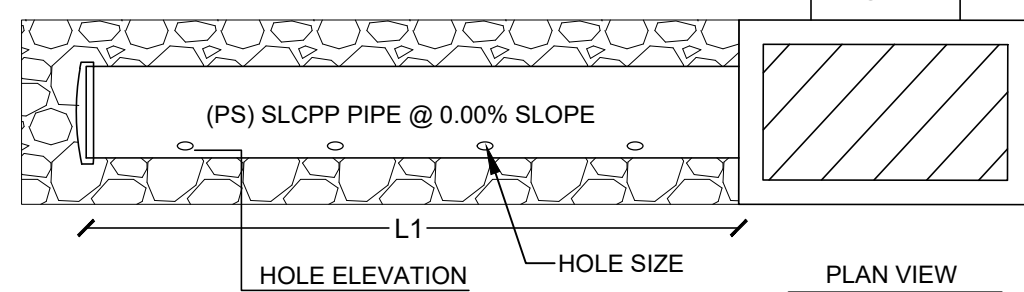
North Lebanon Township
Lebanon County, Pennsylvania

GIS

Steckbeck Engineering & Surveying, Inc.
279 Lebanon, Pennsylvania 17042
Phone: (717) 272-7110
Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT	#2214-22-001

- NOTES:**
- LEVEL SPREADER PIPE SHALL BE INSTALLED FLAT WITH ALL HOLES IN THE PIPE INSTALLED AT THE SAME ELEVATION TO ALLOW EVEN DISTRIBUTION OF STORM WATER DISCHARGE.
 - PROVIDE AASHTO #1 AROUND PIPE HOLES TO ALLOW FOR EVEN DISTRIBUTION OF STORM DISCHARGE. STONE SHALL EXTEND 12" BEYOND FRONT FACE OF STORM INLET.
 - PROVIDE AN ADDITIONAL 12" (TAPERED TO 24" AT DISCHARGE ELEVATION) OF R-3 RIPRAP TO PROTECT THE AASHTO #1 STONE AND THE STORM PIPE.
 - 6" OF COMPACTED 2A STONE SHALL BE PROVIDED BENEATH THE LEVEL SPREADER PIPE TO PROVIDE AN EVEN FLAT SURFACE FOR THE PIPE TO SIT ON.
 - INLET SHALL BE SUMPED 12" TO ALLOW COLLECTION OF DEBRIS TO PREVENT CLOGGING OF LEVEL SPREADER PIPE. INLET SHALL BE MONITORED AND CLEANED AT LEAST TWICE PER YEAR.



LEVEL SPREADER						
Basin Outlet	Pipe Size (PS)	Hole Size	Hole Elevation	Hole Spacing (HS)	# of Holes	Total Pipe Length (L1)
1	15"	1.0"	549.55	0.100'	120	12.00'

LEVEL SPREADER DETAIL

NO SCALE

ALL INLETS DENOTED BELOW SHALL BE INSTALLED WITH A FLEXSTORM PURE FILTER OR APPROVED EQUIVALENT.

INLETS
I-22, I-23, I-24, I-25, I-26, I-27, I-27A, I-27B, I-27C

INSTALLATION:

- INSTALL PCSM WATER QUALITY FILTERS ONLY AFTER THE TRIBUTARY AREA IS STABLE.
- REMOVE THE GRATE. ENGAGE THE LIFTING BARS OR HANDLES WITH THE FLEXSTORM REMOVAL TOOL, AND LIFT FROM THE DRAINAGE STRUCTURE.
- CLEAN THE LEDGE (LIP) OF THE CASTING FRAME OR DRAINAGE STRUCTURE TO ENSURE IT IS FREE OF STONE AND DIRT.
- DROP IN THE FLEXSTORM INLET FILTER THROUGH THE CLEAR OPENING AND BE SURE THE SUSPENSION HANGERS REST FIRMLY ON THE INSIDE LEDGE (LIP) OF THE CASTING.
- REPLACE THE GRATE AND CONFIRM IT IS ELEVATED NO MORE THAN 1/8", WHICH IS THE THICKNESS OF THE STEEL HANGERS.

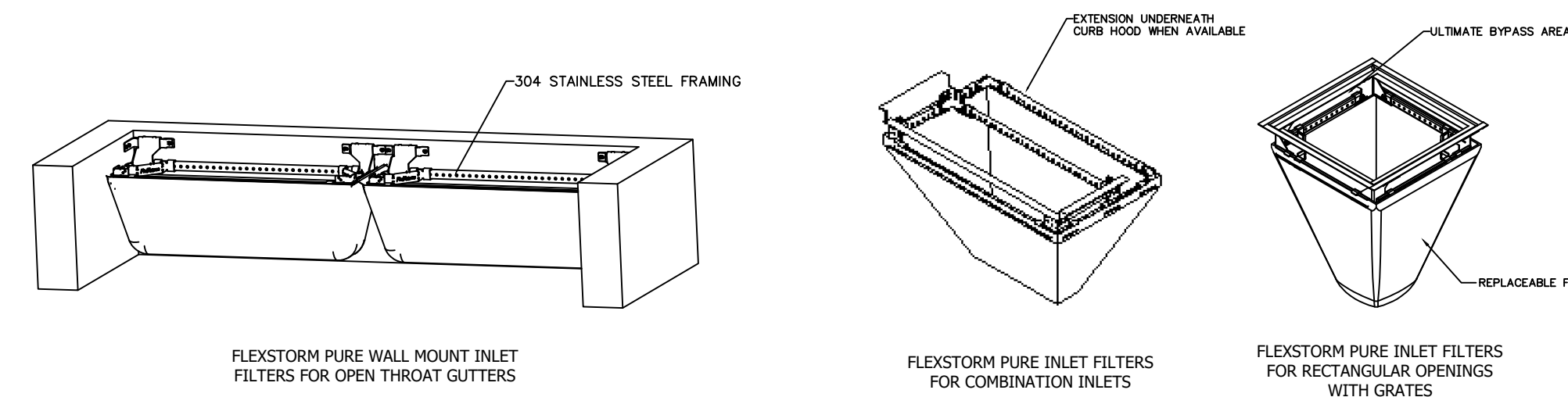
MAINTENANCE:

- EMPTY THE SEDIMENT BAG IF MORE THAN HALF FILLED WITH SEDIMENT AND DEBRIS, OR AS DIRECTED BY THE ENGINEER.
- REMOVE THE GRATE. ENGAGE THE LIFTING BARS OR HANDLES WITH THE FLEXSTORM REMOVAL TOOL, AND LIFT FROM THE DRAINAGE STRUCTURE.
- DISPOSE OF THE SEDIMENT OR DEBRIS AS DIRECTED BY THE ENGINEER OR MAINTENANCE CONTRACT IN ACCORDANCE WITH EPA GUIDELINES.
- AS AN ALTERNATIVE, AN INDUSTRIAL VACUUM MAY BE USED TO COLLECT THE ACCUMULATED SEDIMENT.
- REMOVE ANY CAKED-ON SILT FROM THE SEDIMENT BAG AND REVERSE FLUSH THE BAG WITH MEDIUM SPRAY FOR OPTIMAL FILTRATION.
- REPLACE THE BAG IF TORN OR PUNCTURED TO 1/2" DIAMETER OR GREATER ON THE LOWER HALF OF THE BAG.
- DISPOSE OF ALL OIL CONTAMINATED PRODUCTS IN ACCORDANCE WITH EPA GUIDELINES.
- REMOVE THE BAG BY LOOSENING OR CUTTING OFF THE CLAMPING BAND.
- TAKE THE NEW SEDIMENT BAG, WHICH IS EQUIPPED WITH A STAINLESS-STEEL WORM DRIVE CLAMPING BAND, AND USE A SCREW DRIVER TO TIGHTEN THE BAG AROUND THE FRAME CHANNEL.
- ENSURE THE BAG IS SECURE AND THAT THERE IS NO SLACK AROUND THE PERIMETER OF THE BAND.
- WRITTEN REPORTS DOCUMENTING ALL INSPECTIONS, REPAIRS, AND MAINTENANCE ACTIVITIES SHALL BE MAINTAINED ON SITE BY THE PROPERTY OWNER AT ALL TIMES.

SPECIFICATIONS:

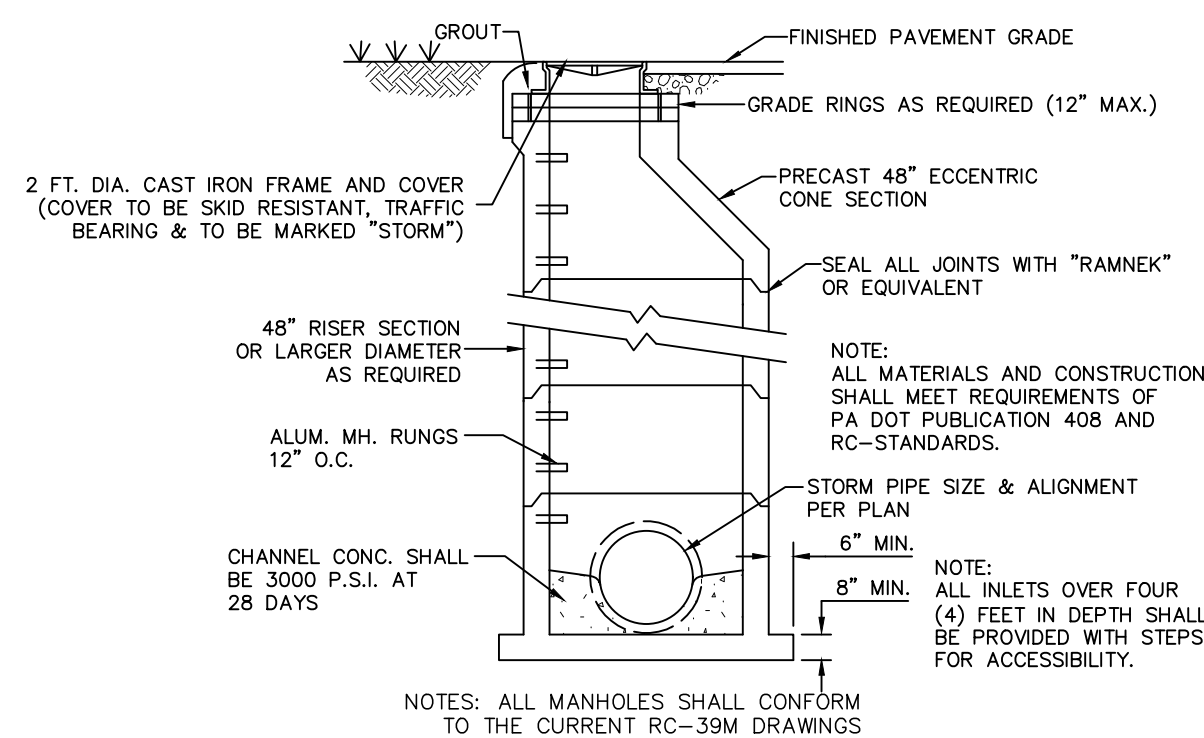
- ALL FRAMING SHALL BE CONSTRUCTED OF 304 STAINLESS STEEL FOR 25 YEAR SERVICE LIFE RATING.
- REPLACEABLE GEOTEXTILE FILTER BAG SHALL BE ATTACHED TO THE FRAME WITH A STAINLESS STEEL LOCKING BAND.
- TOTAL BYPASS CAPACITY BYPASS CAPACITY WILL VARY WITH EACH SIZE DRAINAGE STRUCTURE. FLEXSTORM DESIGNS FRAMING BYPASS TO MEET OR EXCEED THE DESIGN FLOW OF THE PARTICULAR DRAINAGE STRUCTURE.
- UPON ORDERING CONFIRMATION OF THE DOT CALLOUT, PRECAST OR CASTING MAKE AND MODEL, OR DETAILED DIMENSIONAL FORMS MUST BE PROVIDED TO CONFIGURE AND ASSEMBLE YOUR CUSTOMIZED FLEXSTORM INLET FILTER. PART NUMBER ALONE IS NOT SUFFICIENT.

For Open Throat Curb Inlets - Mounted to Wall Beneath Curb Opening		For Rectangular/Square Openings with Grates			Minimum Bypass Flow Rates (CF5) ¹
Curb Opening Size	Flexstorm Frame P/N	Flexstorm Frame P/N	Combination P/N	Based on Nominal Frame Size with minimum 2" Bypass Flow Gap	
Up to 4" curb openings (1 Filter)	62HDWM1	62HDWM1	62HDWB	2.4	
Between 4" and 8" curb openings (2 Filters)	62HDWM2	62HDWM2	62HDWB	3.5	
Between 8" and 12" curb openings (3 Filters)	62HDWM3	62HDWM3	62HDWB	5.0	
Between 12" and 18" curb openings (4 Filters)	62HDWM4	62HDWM4	62HDWB	7.2	



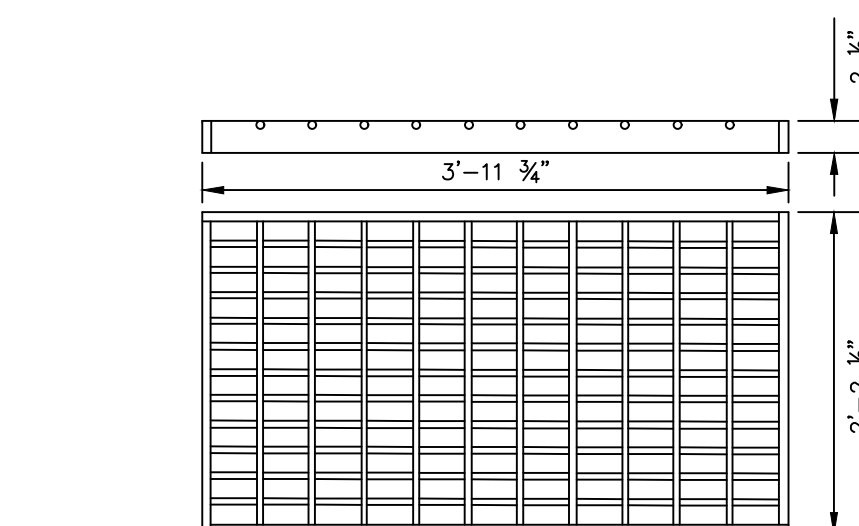
FLEXSTORM FILTER BASKET DETAIL

NO SCALE



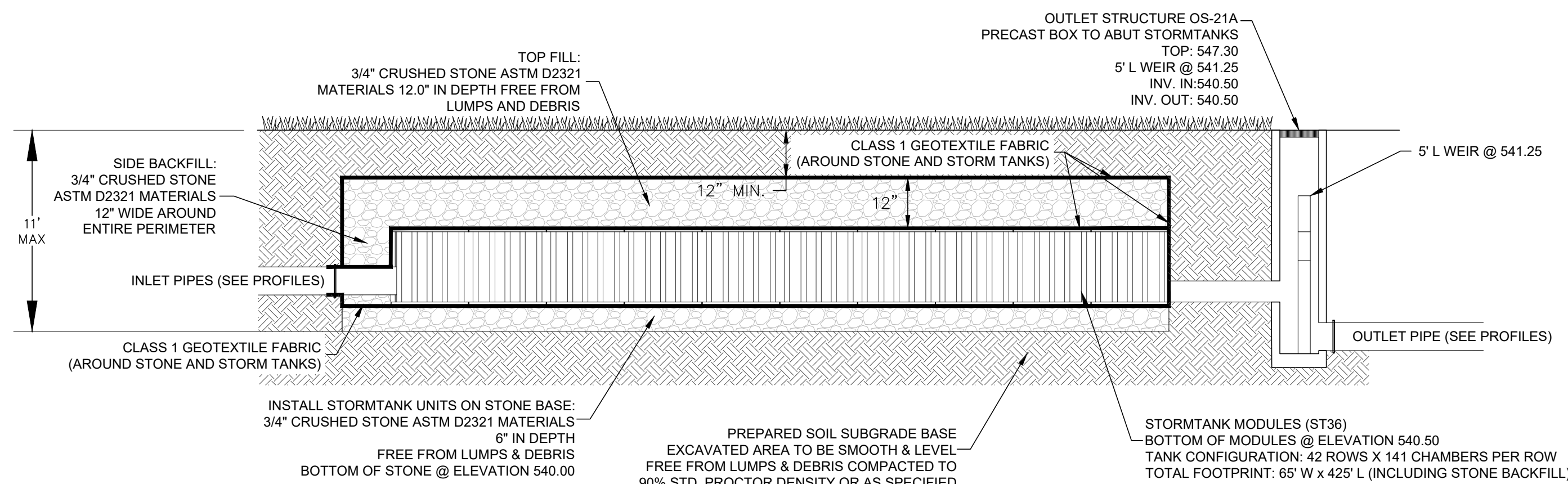
STORMWATER MANHOLE CROSS SECTION

NO SCALE



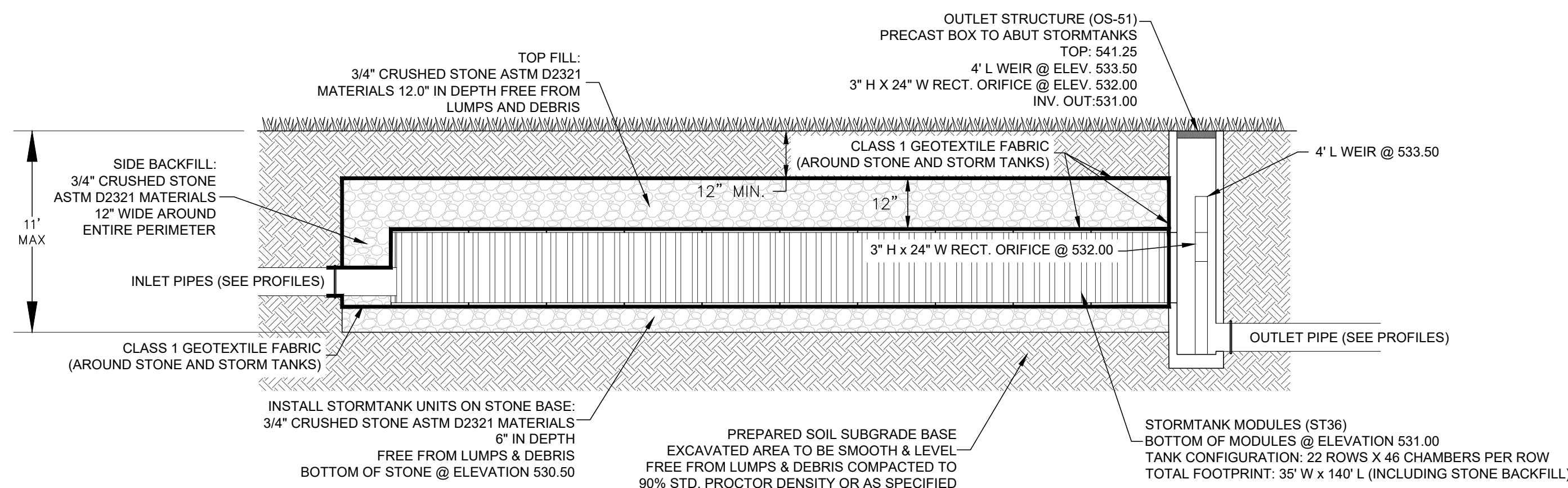
STRUCTURAL STEEL GRATE-BICYCLE SAFE

NO SCALE



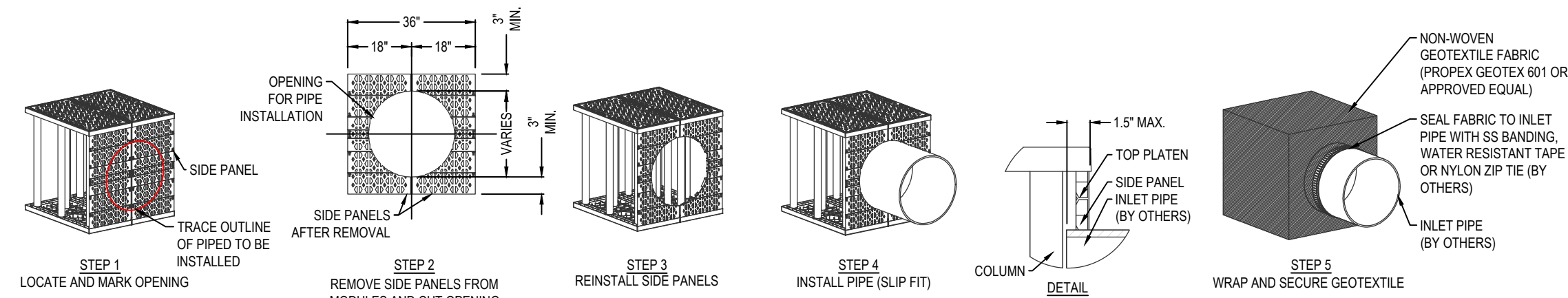
STORM WATER - STORM TANK CROSS SECTION DETAIL - BMP NO. 4 SUBSURFACE INFILTRATION (BED 1)

NO SCALE



STORM WATER - STORM TANK CROSS SECTION DETAIL - BMP NO. 5 SUBSURFACE INFILTRATION (BED 2)

NO SCALE

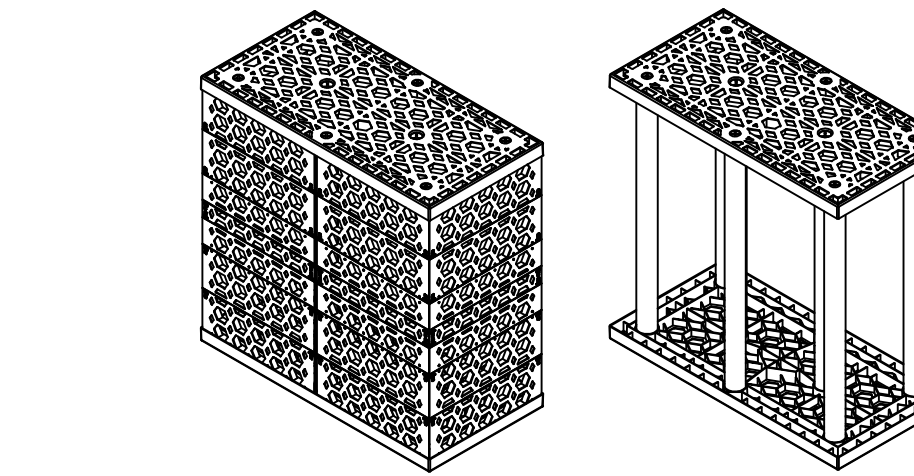
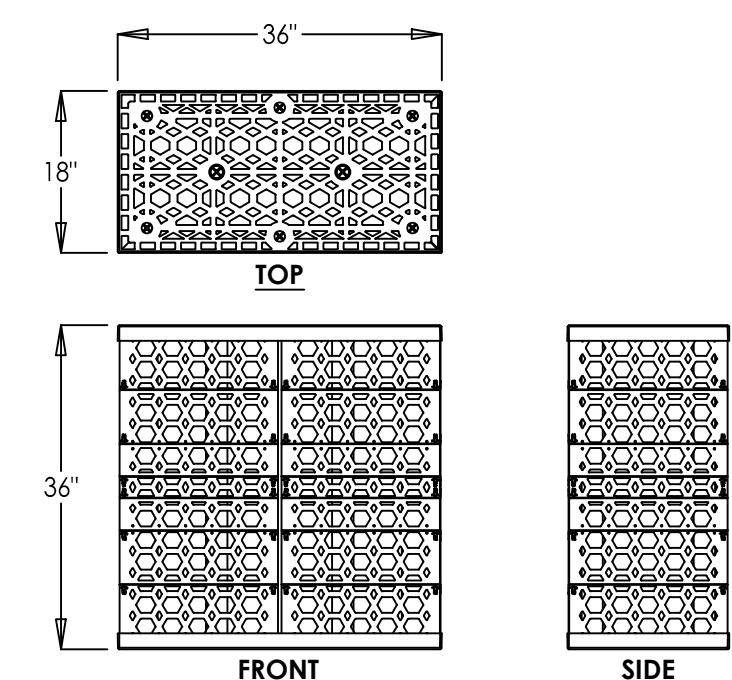


NOTES:

- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- DO NOT SCALE DRAWING.
- THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
- ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
- CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 4907-006.

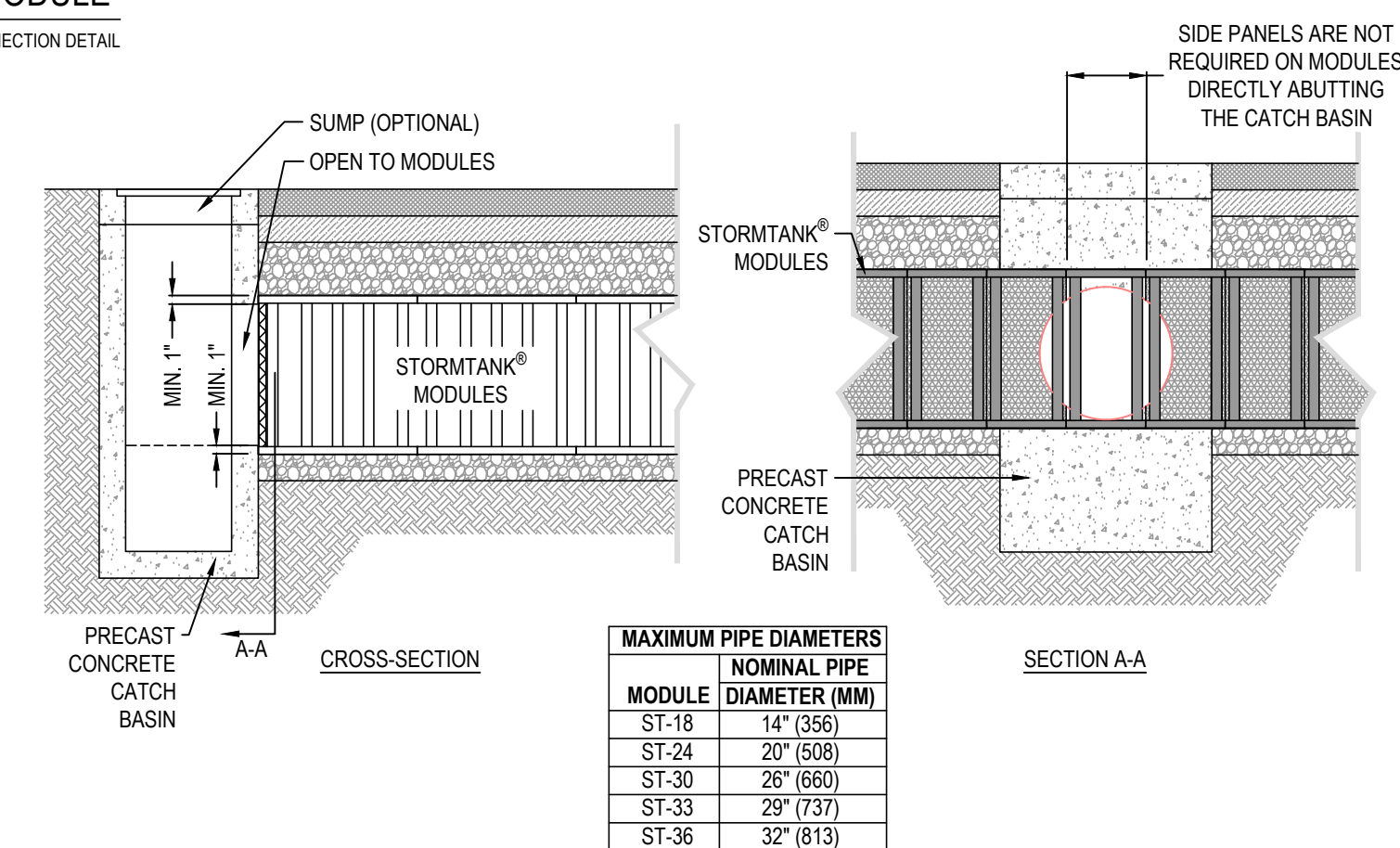
STORMTANK MODULE

LARGE DIAMETER PIPE CONNECTION DETAIL



STORM WATER - STORM TANK MODULE DETAIL

NO SCALE



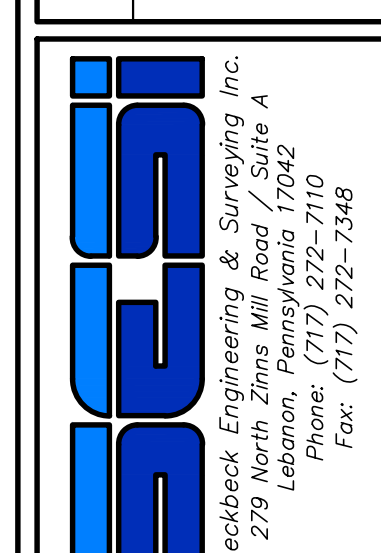
NOTES:

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- DO NOT SCALE DRAWING.
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- CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 4907-001.

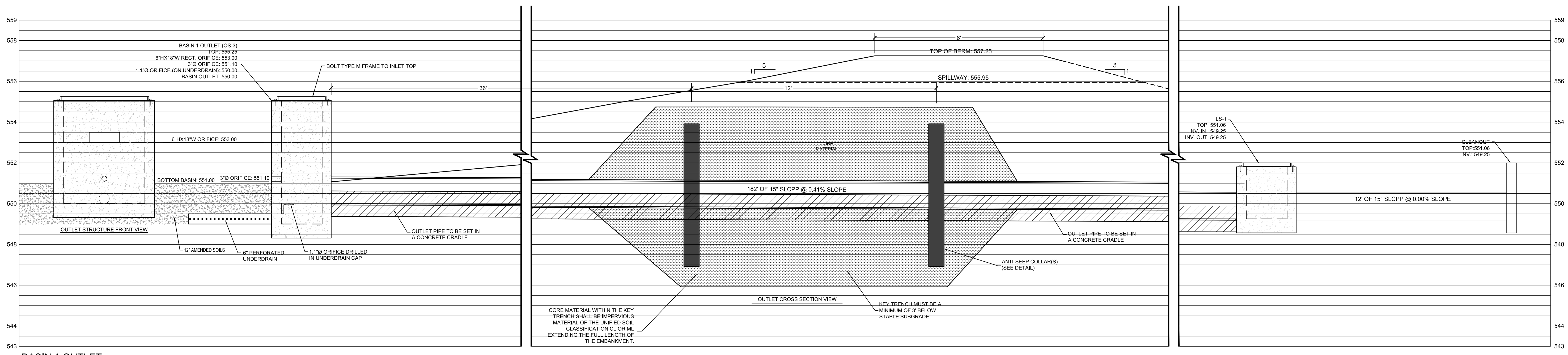
STORMTANK MODULE

CATCH BASIN ABUTMENT DETAIL

POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 FOR
 NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

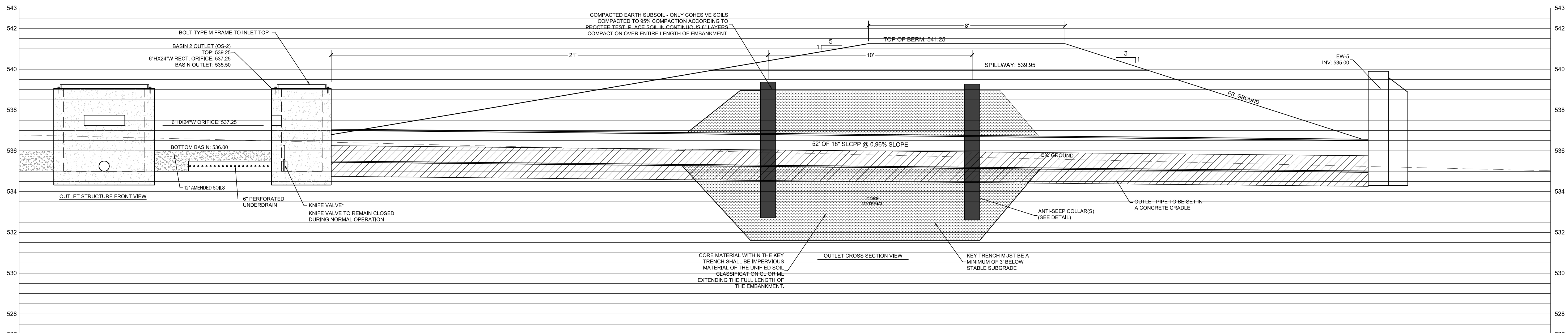


FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT:	# 2214-22-001



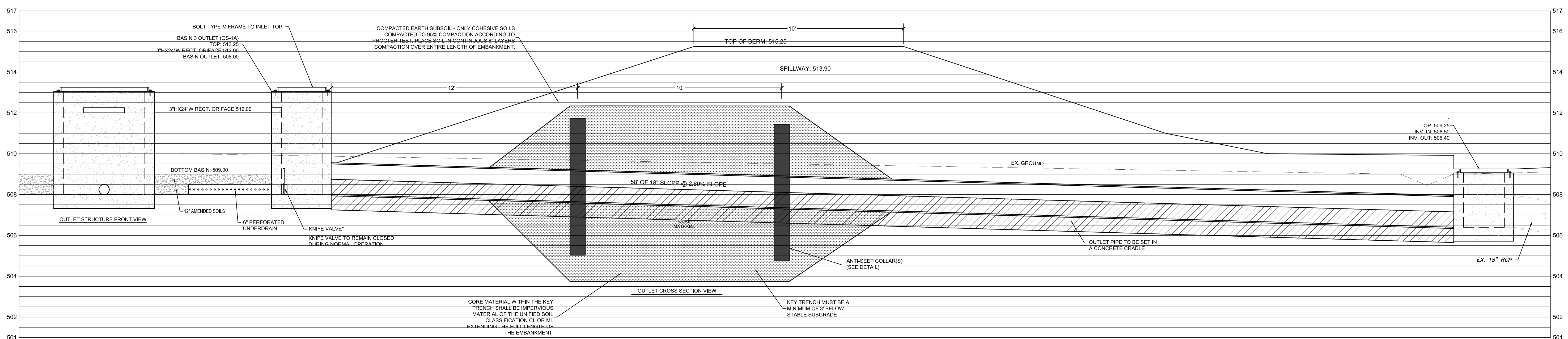
BASIN 1 OUTLET

SCALE: 1" = 2.5'



BASIN 2 OUTLET

SCALE: 1" = 2.5'



BASIN 3 OUTLET

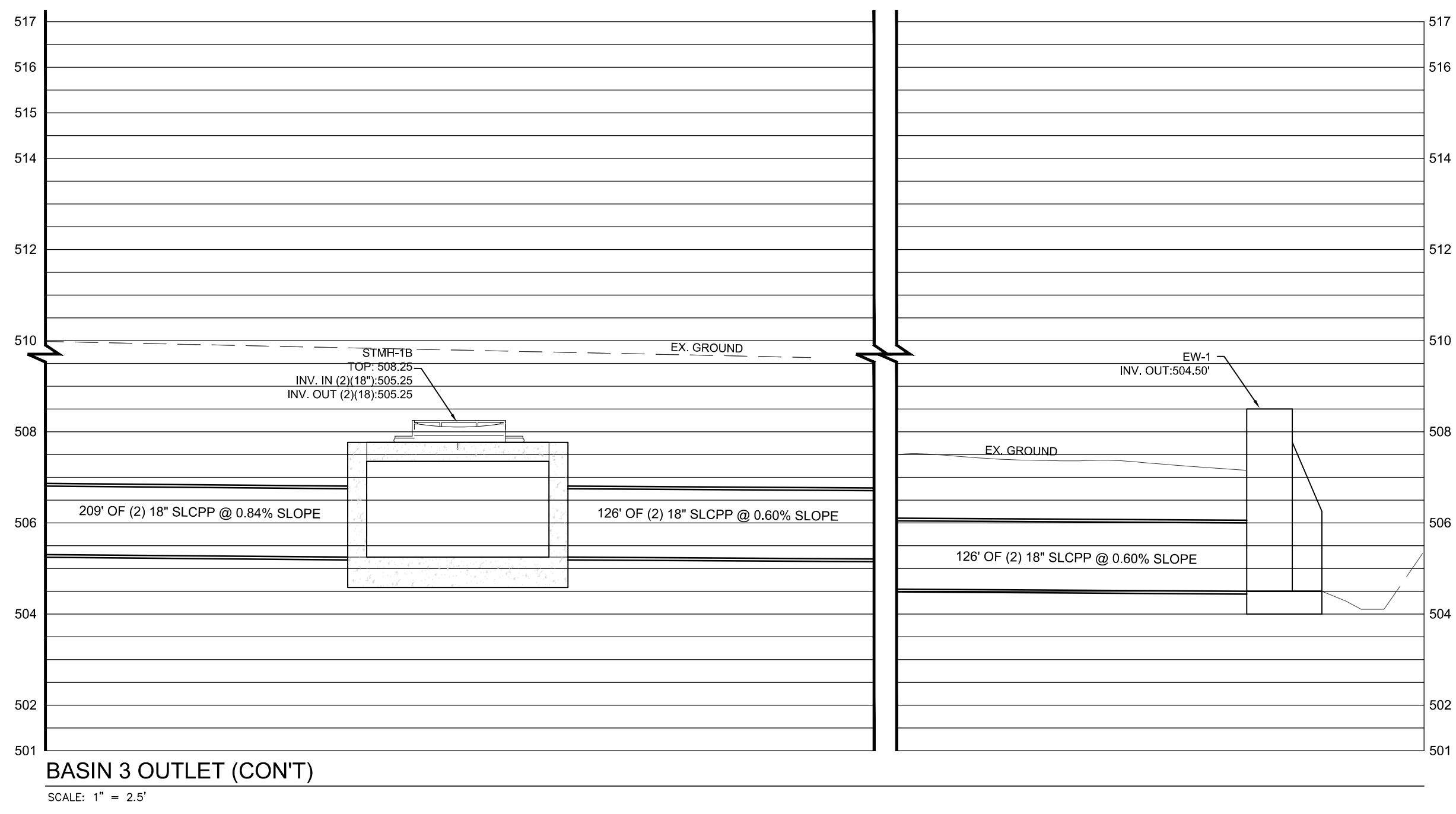
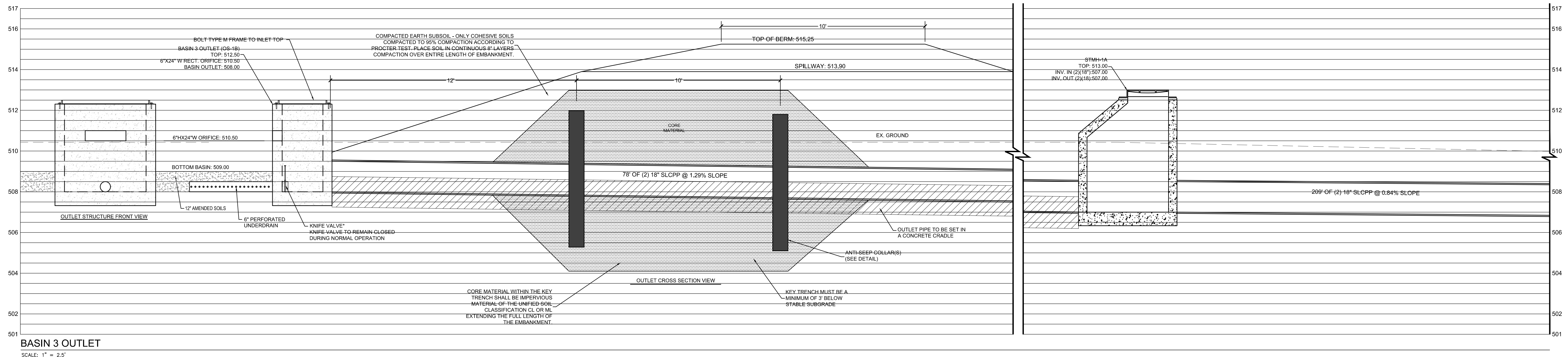
SCALE: 1" = 2.5'

REVISION	DATE	BY

POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

CSI
 Steadbeck Engineering & Surveying, Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7100
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	2214-22-001



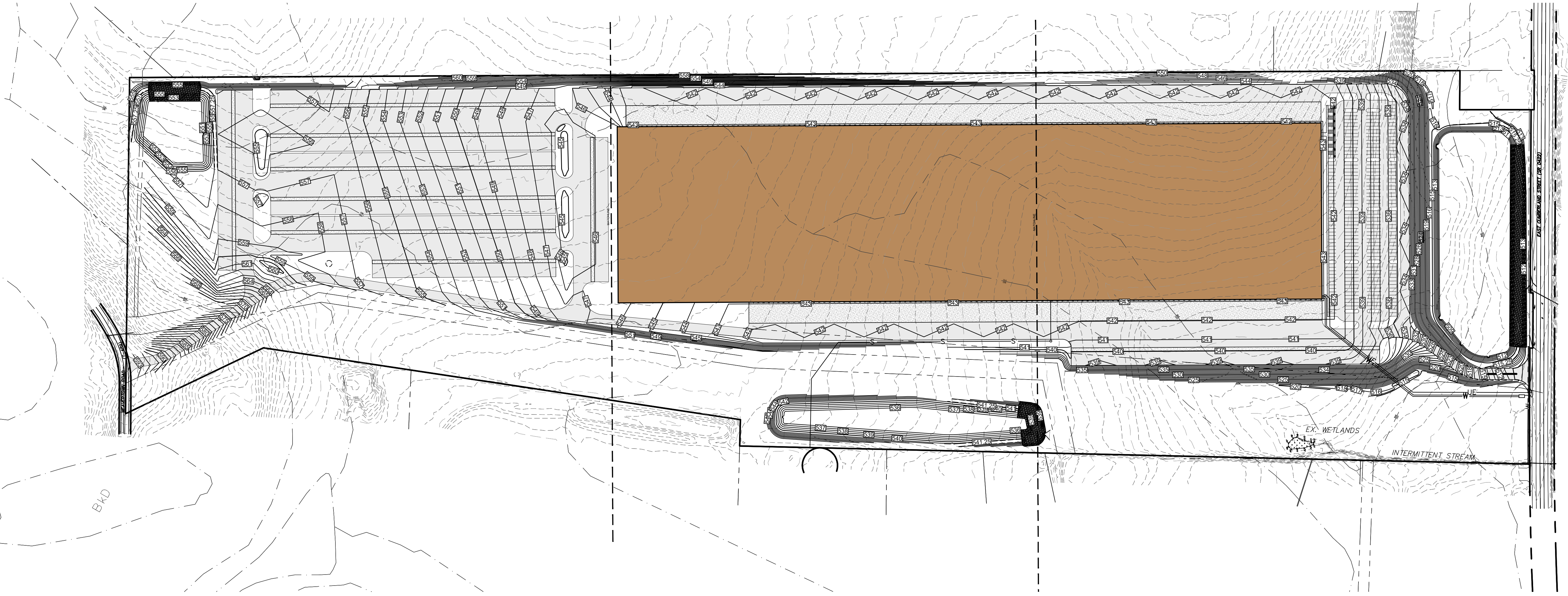
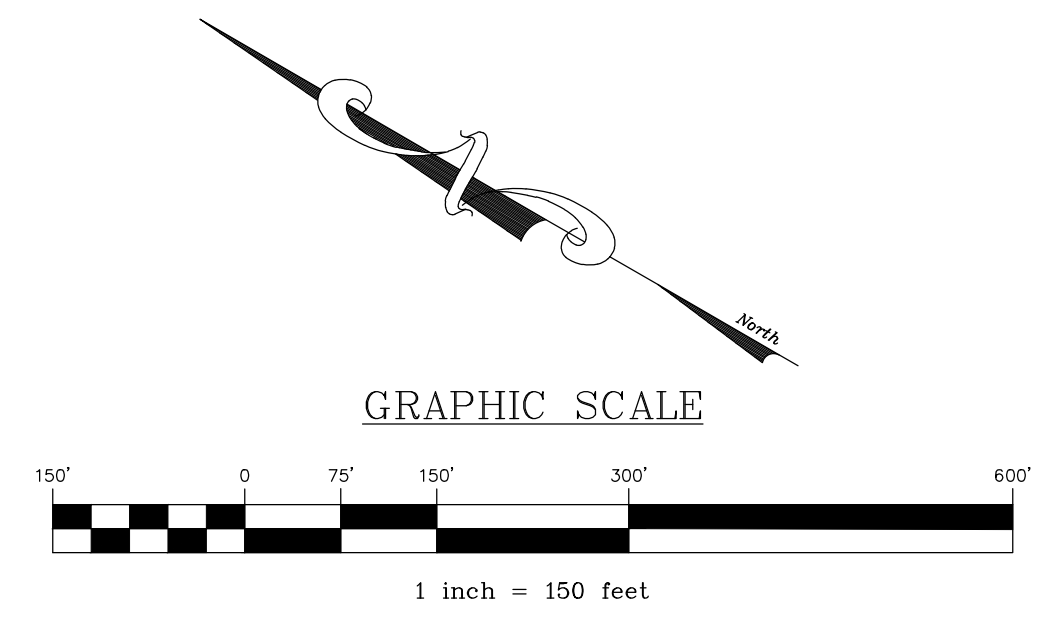
REVISION	DATE	BY

POST CONSTRUCTION STORMWATER MANAGEMENT DETAILS
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

RESI
 Steckbeck Engineering & Surveying, Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	2214-22-001

LEGEND	
	EXISTING ADJOINER LINE
	EXISTING BOUNDARY LINE AND CORNERS
	EXISTING EDGE OF PAVEMENT AND CURB LINE
	EXISTING RIGHT-OF-WAY
	EXISTING FENCE
	EXISTING SEWER
	EXISTING STORMWATER
	EXISTING WATERLINE
	EXISTING GASLINE
	EXISTING SIDEWALK/CONCRETE
	EXISTING CONTOURS
	EXISTING TREELINE
	EXISTING TOWNSHIP BOUNDARY
	LIMITS OF FIELD SURVEY
	EXISTING SOILS
	EXISTING UTILITY POLE
	EXISTING LIGHT POLE
	PROPOSED BUILDING SETBACK
	PROPOSED BOUNDARY LINE AND CORNERS
	PROPOSED EDGE OF PAVEMENT AND CURB LINE
	PROPOSED RIGHT-OF-WAY
	PROPOSED FENCE
	PROPOSED SEWER
	PROPOSED STORMWATER
	PROPOSED DOMESTIC WATERLINE
	PROPOSED GASLINE
	PROPOSED CONCRETE/SIDEWALK
	PROPOSED CONTOURS
	PROPOSED TREELINE
	PROPOSED UTILITY POLE
	PROPOSED LIGHT POLE

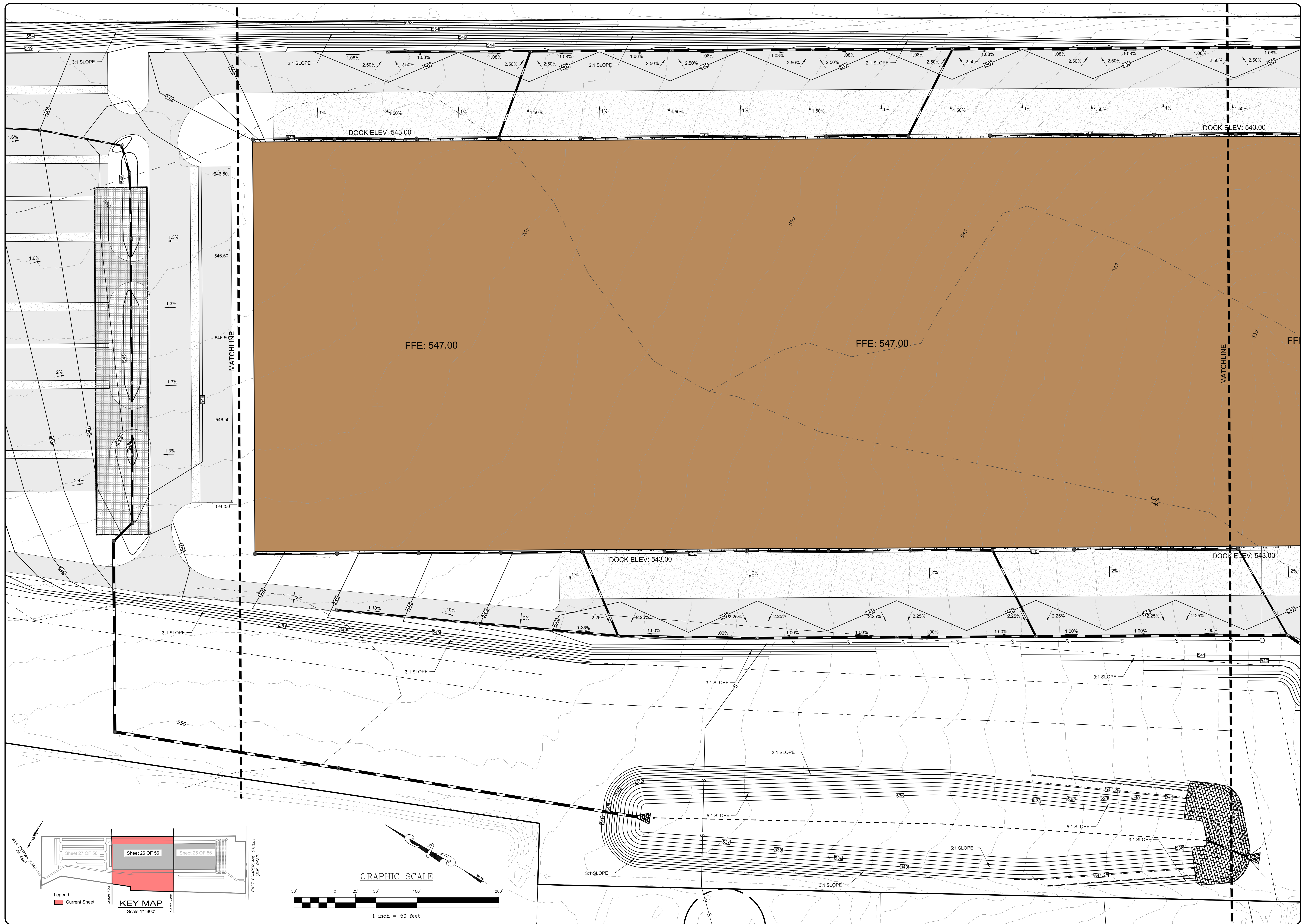


REVISION	BY	DATE

OVERALL GRADING PLAN
 For
PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

Stuebck Engineering & Surveying Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=150'
PROJECT #	#2214-22-001



BY	DATE	REVISION

GRADING PLAN
 For
PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
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 Lebanon County, Pennsylvania

ESI
 Steckbeck Engineering & Surveying, Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	2214-22-001

KEY MAP
 Scale: 1"=800'

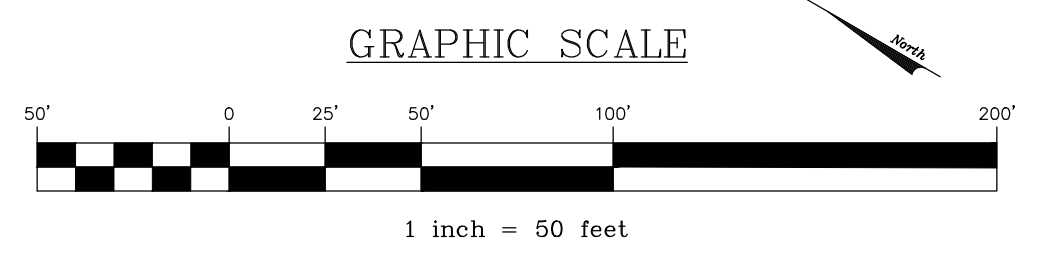
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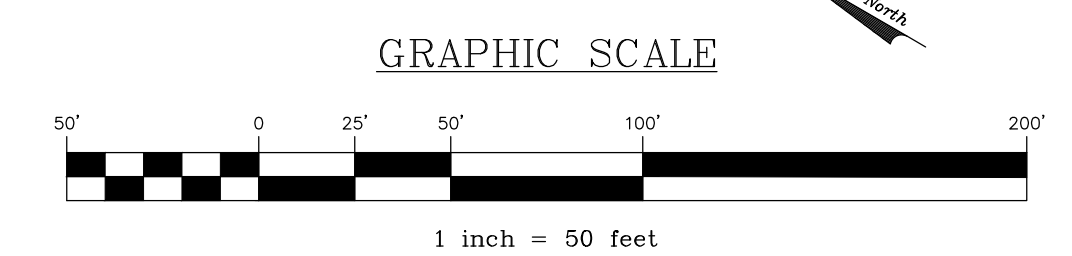
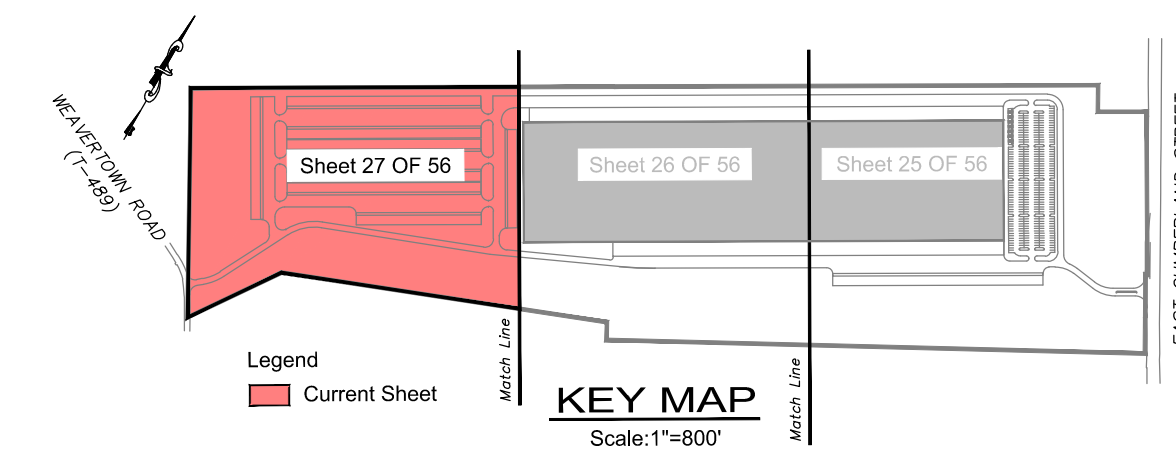
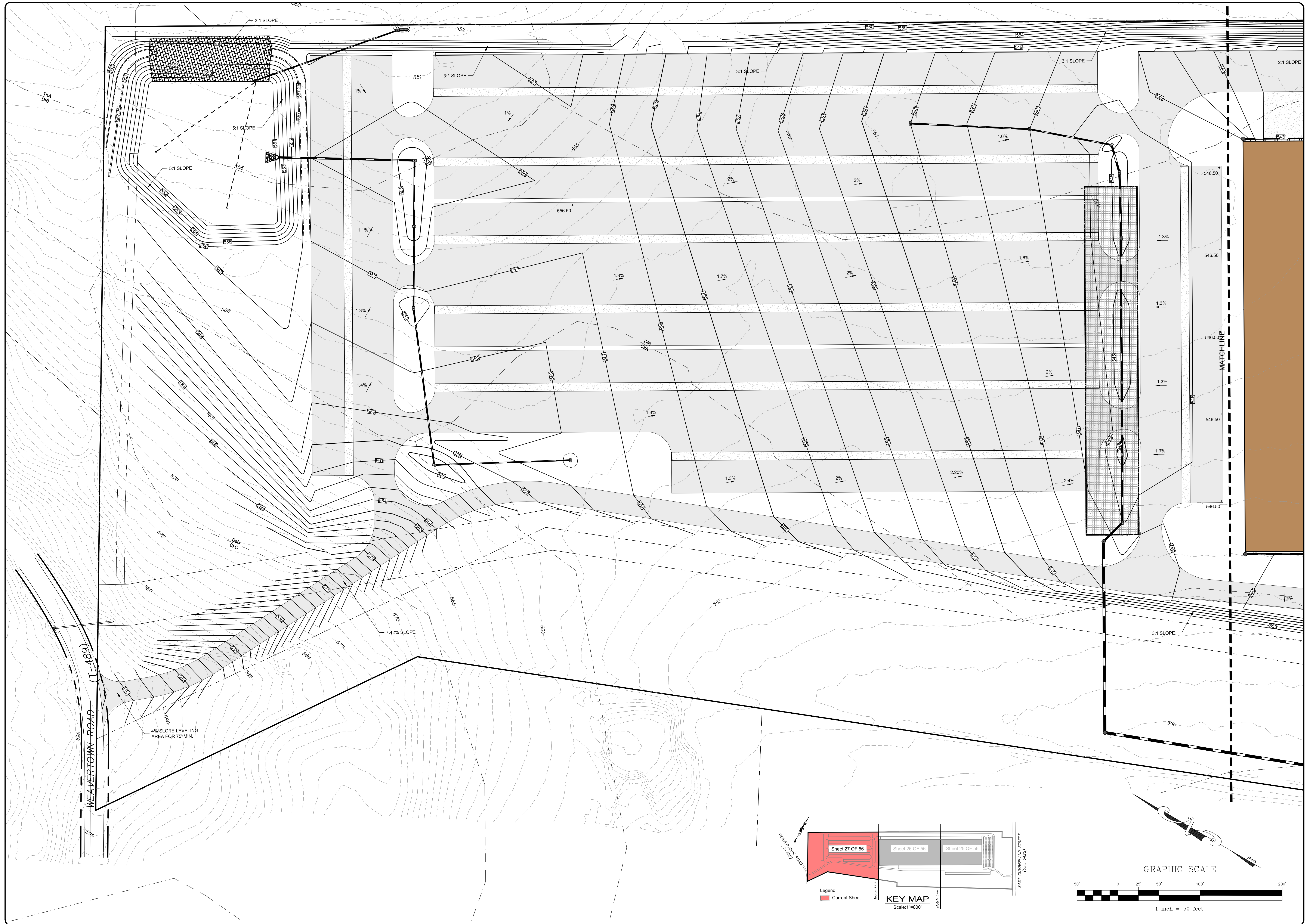
Sheet 27 OF 56 | **Sheet 26 OF 56** | Sheet 25 OF 56

Match Line

EAST CUMBERLAND STREET (S.R. 1642)

WILKESVILLE ROAD (1648)





REVISION	DATE	BY

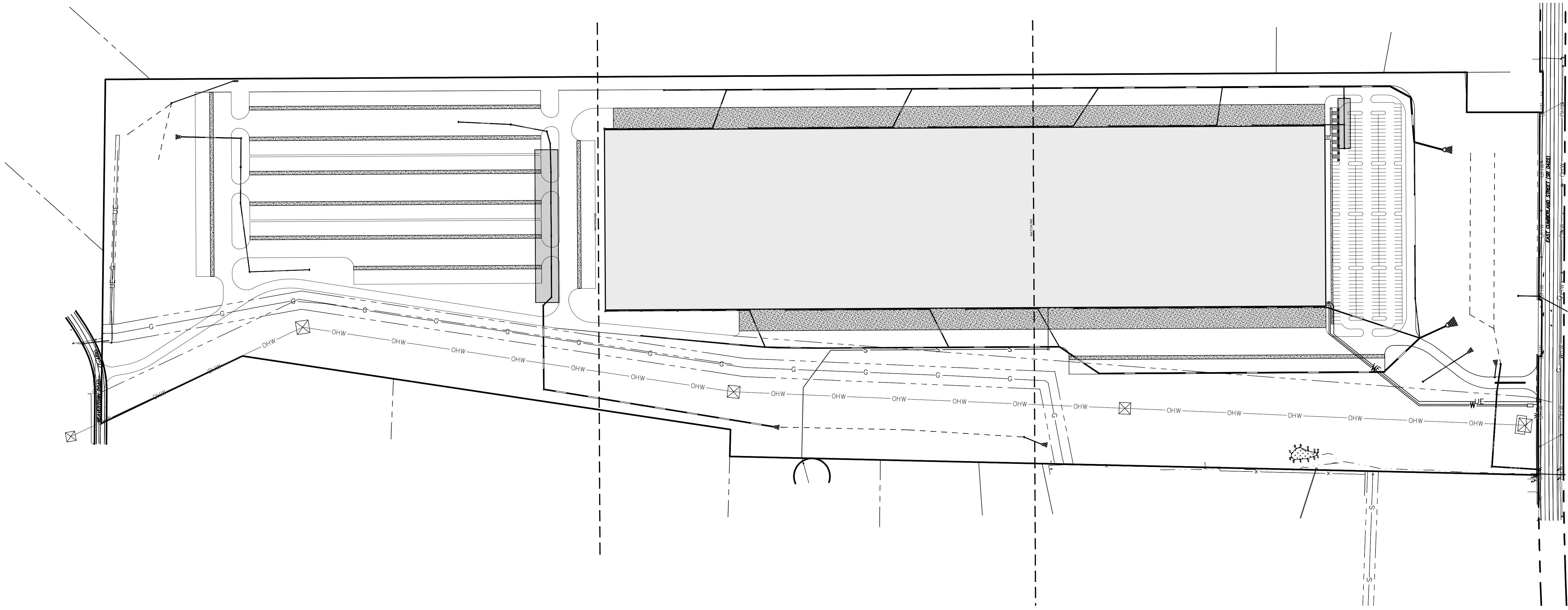
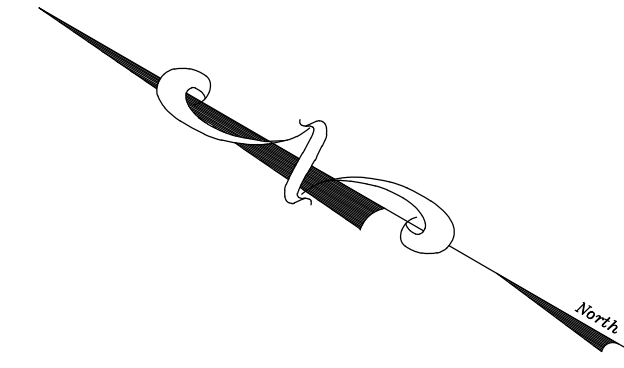
GRADING PLAN
For
PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
NLT WAREHOUSE AND TRAILER STORAGE
located in
North Lebanon Township
Lebanon County, Pennsylvania

SESI
Steadbeck Engineering & Surveying Inc.
279 Lebanon, Pennsylvania 17042
Phone: (717) 272-7110
Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	#2214-22-001

LEGEND

	EXISTING WATERLINE		GATE VALVE		FIRE HYDRANT
	EXISTING GASLINE		GAS VALVE		MAJOR
	EXISTING CONTOURS		MINOR		EXISTING TREELINE
	EXISTING SOILS		EXISTING UTILITY POLE		EXISTING LIGHT POLE
	EXISTING ADJOINER LINE		EXISTING BOUNDARY LINE AND CORNERS		EXISTING EDGE OF PAVEMENT AND CURB LINE
	EXISTING RIGHT-OF-WAY		EXISTING FENCE		EXISTING SEWER
	EXISTING STORMWATER		CLEAN OUT		MANHOLE
	RIP-RAP		HEADWALL		MANHOLE INLET
	ENDWALL				

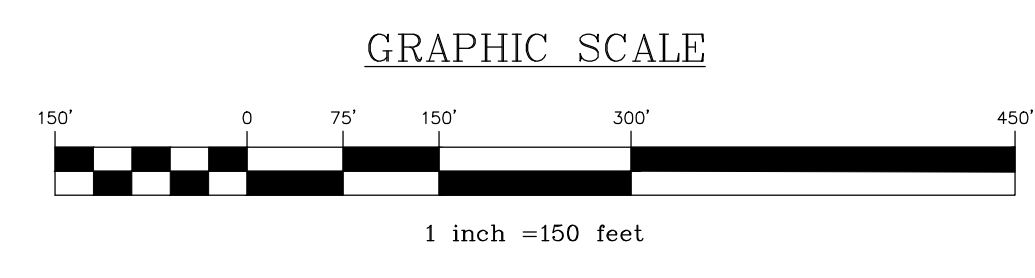


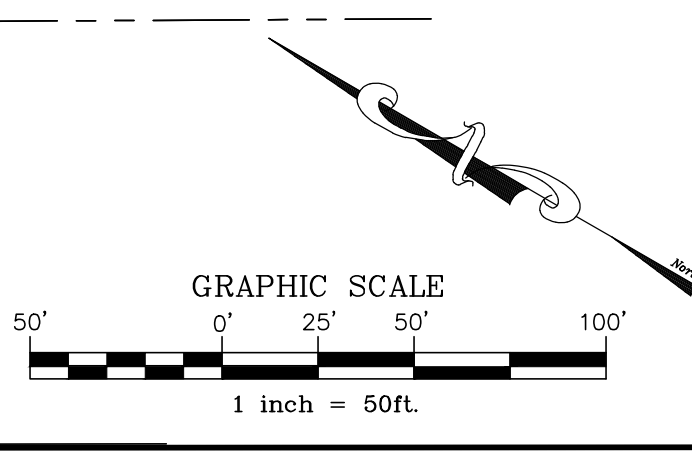
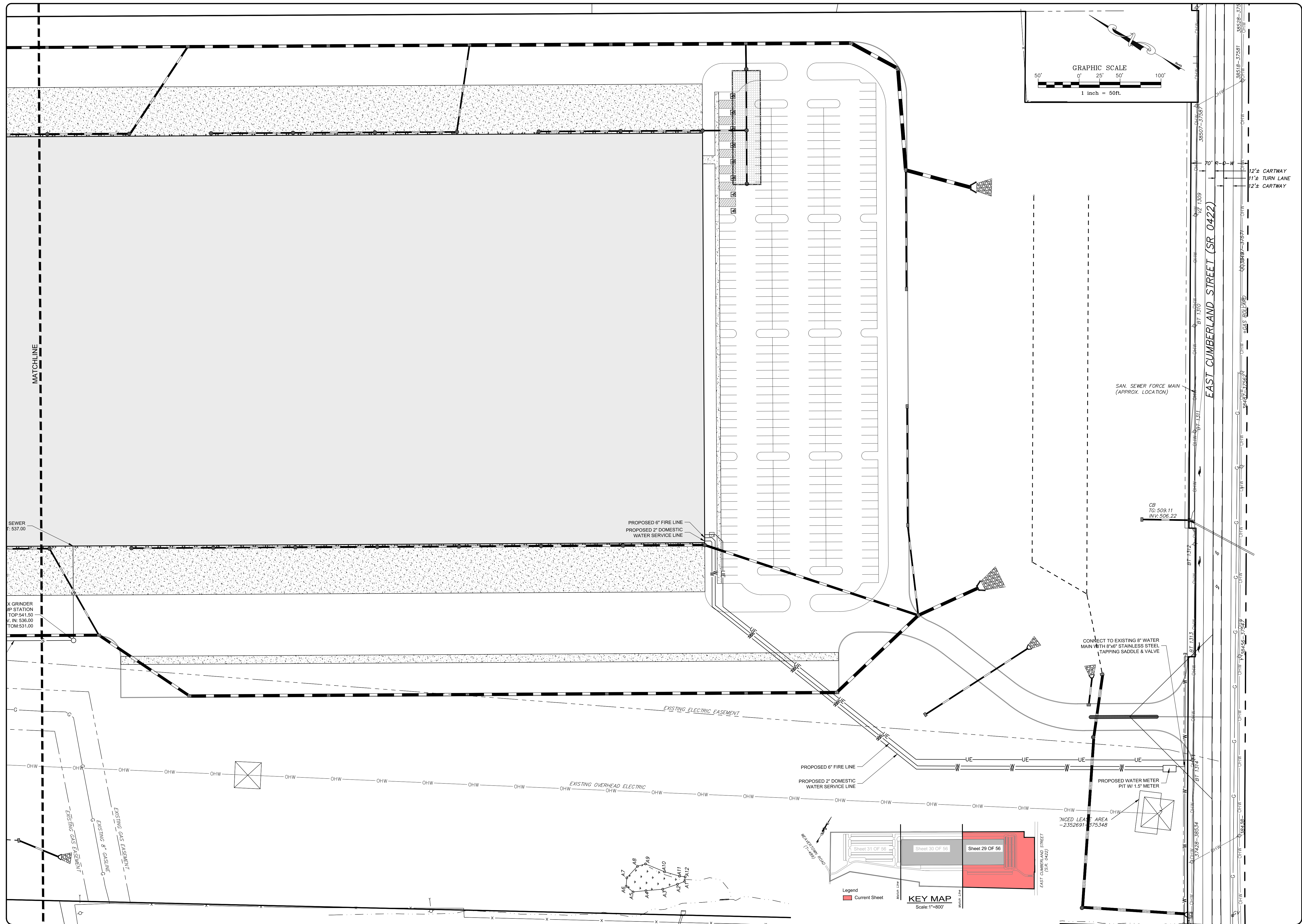
REVISION	DATE	BY

OVERALL UTILITY PLAN
 For
PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

Reed, Smith & Associates, Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=150'
PROJECT #	2214-22-001





EAST CUMBERLAND STREET (SR 0422)

12'± CARTWAY
11'± TURN LANE
12'± CARTWAY

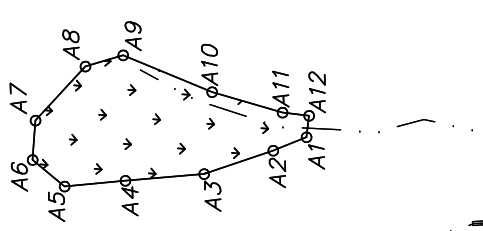
SAN. SEWER FORCE MAIN
(APPROX. LOCATION)

CB
TC: 509.11
INV: 506.22

CONNECT TO EXISTING 8" WATER
MAIN WITH 8"x6" STAINLESS STEEL
TAPPING SADDLE & VALVE

PROPOSED WATER METER
PIT W/ 1.5' METER

INCED LEASE AREA
-2352691-175348



KEY MAP
Scale: 1"=80'

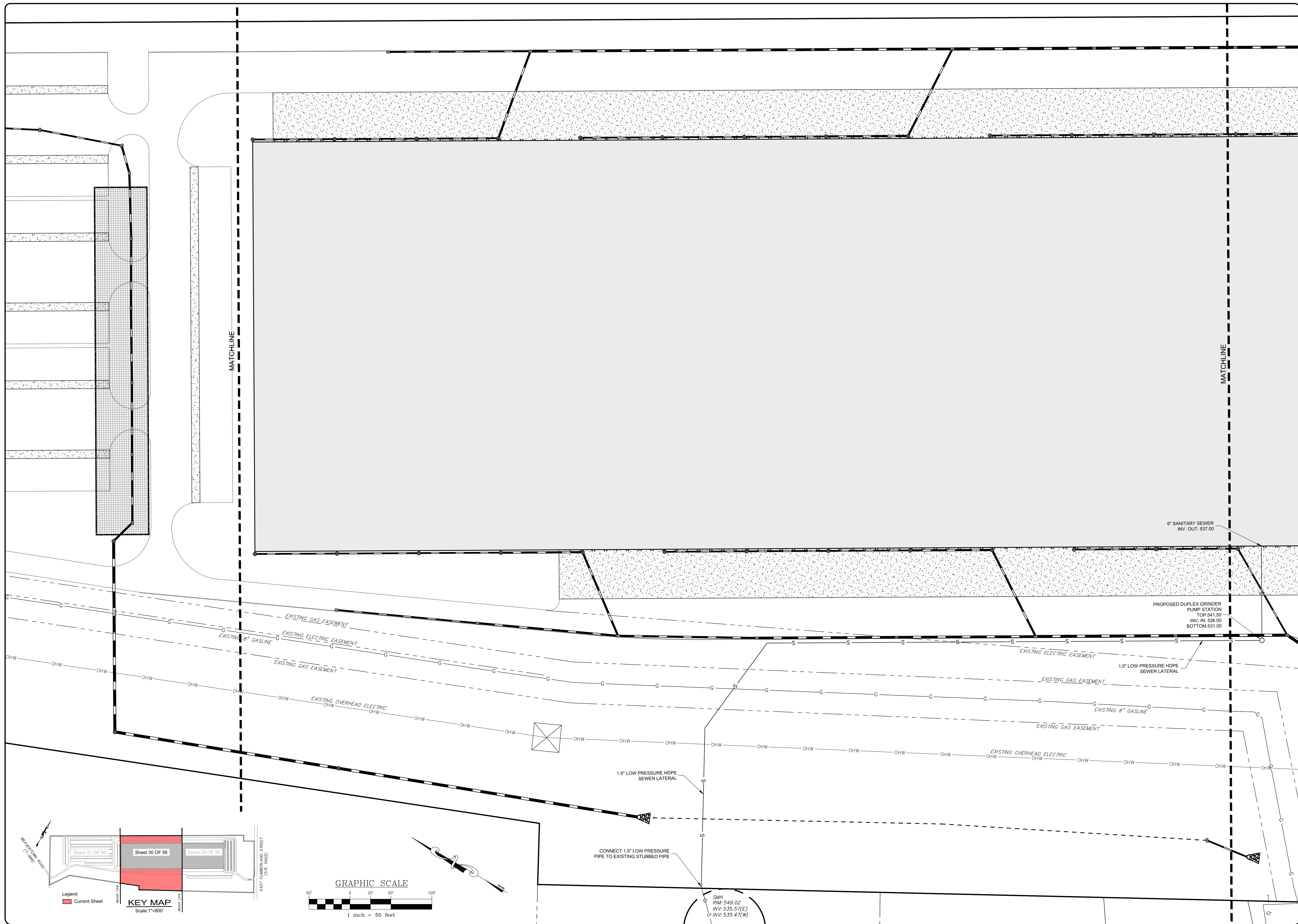
Legend
■ Current Sheet

REVISION	DATE	BY

UTILITY PLAN
PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
For
NLT WAREHOUSE AND TRAILER STORAGE
located in
North Lebanon Township
Lebanon County, Pennsylvania

BESI
Brock Engineering & Surveying, Inc.
279 Lebanon, Pennsylvania 17042
Phone: (717) 272-7110
Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	2214-22-001

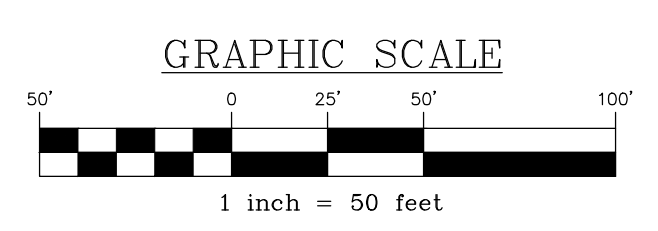
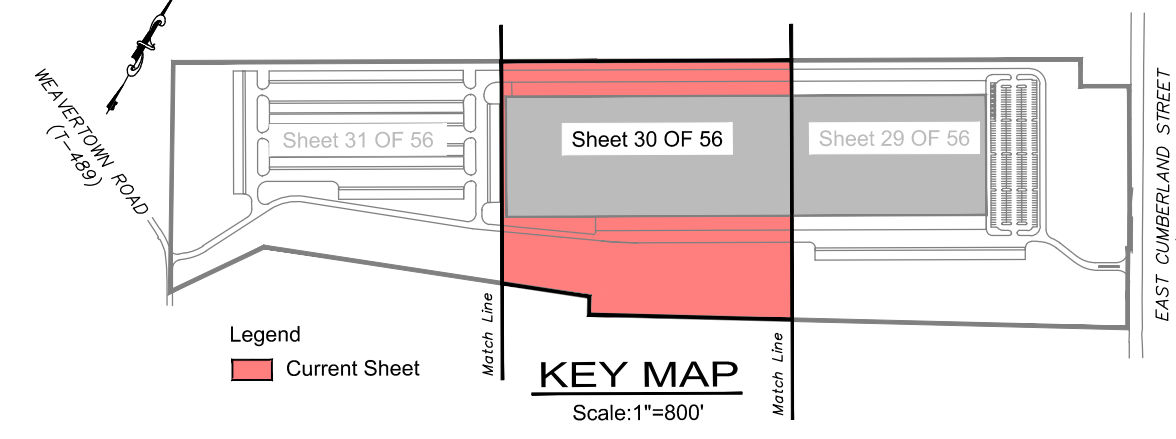


REVISION	DATE	BY

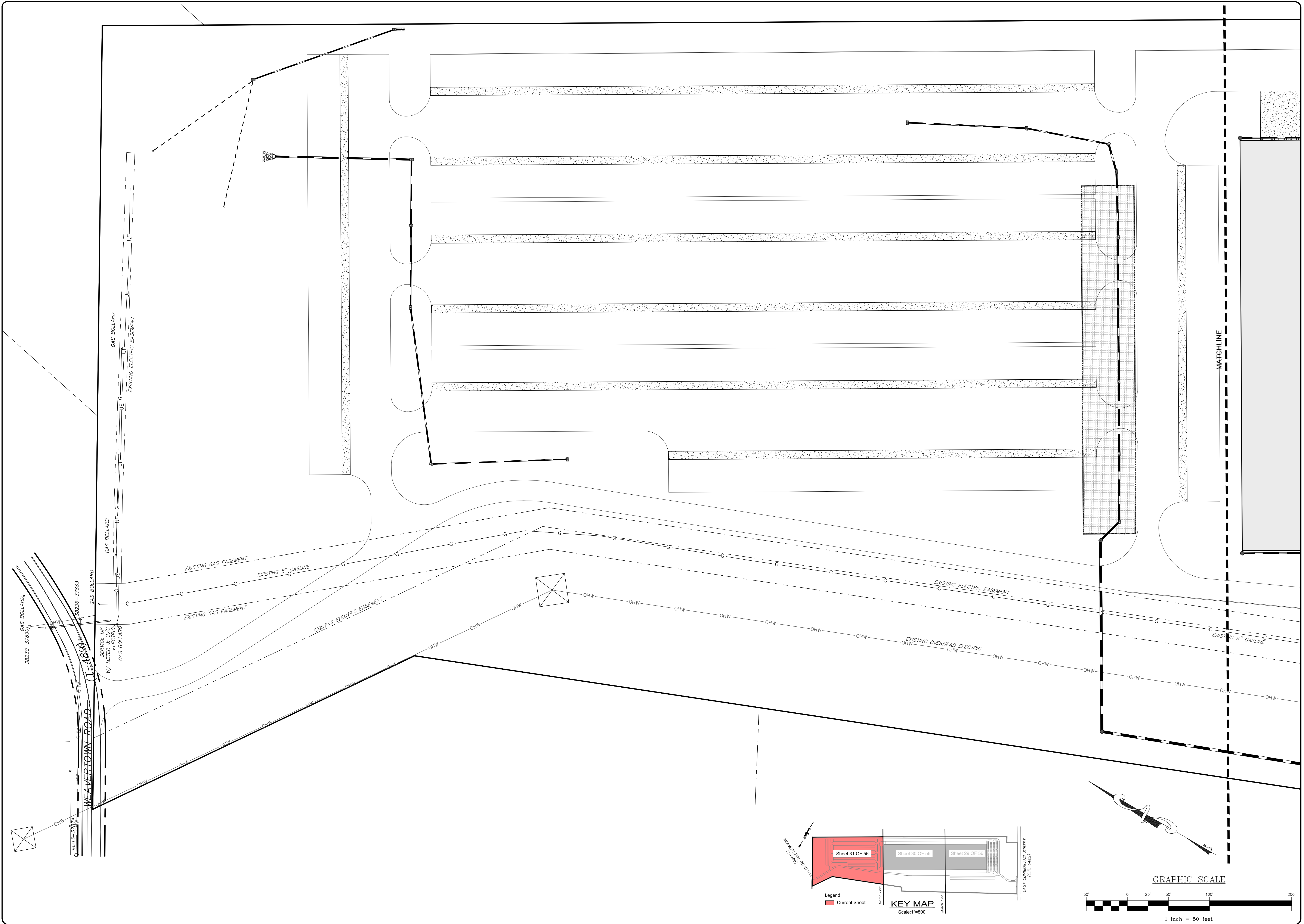
UTILITY PLAN
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

ESI
 Steadbeck Engineering & Surveying, Inc.
 279 Lebanon, Pennsylvania 17042
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FIELD CREW:	TB/SS
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PROJECT #	#2214-22-001

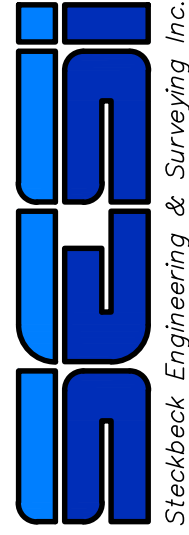


SMH
 RIM: 549.02
 INV: 535.57(E)
 INV: 535.47(W)



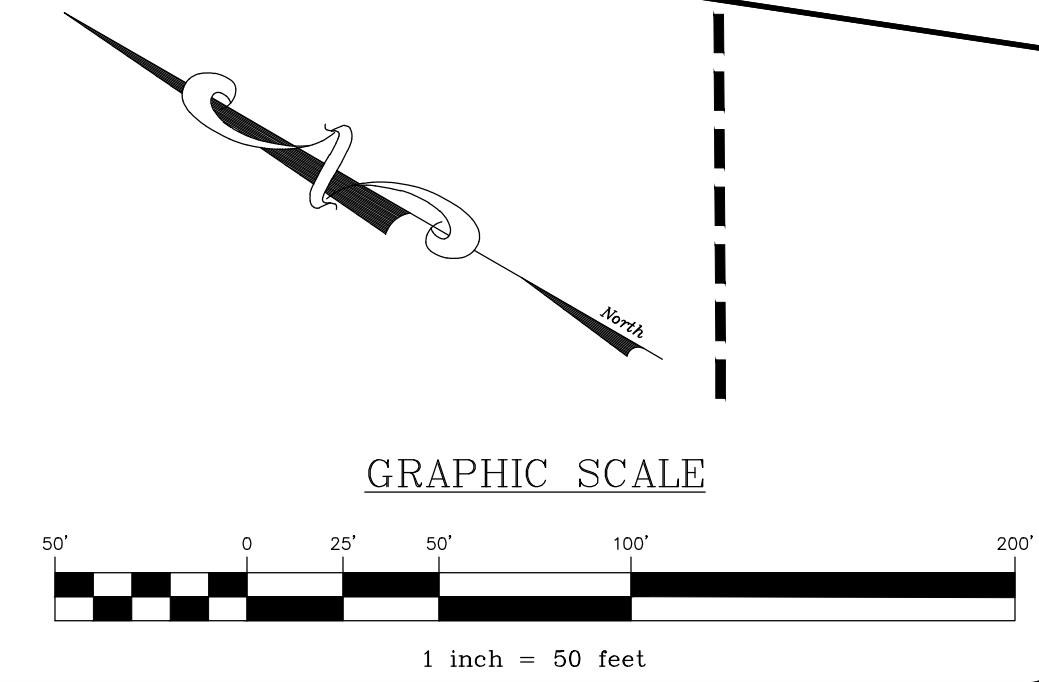
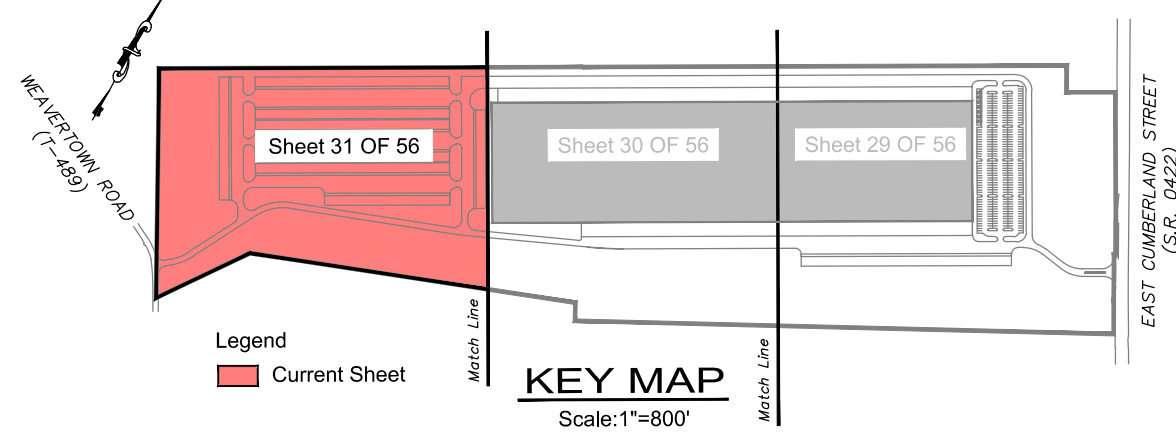
REVISION	DATE	BY

UTILITY PLAN
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania


BESI
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FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	#2214-22-001

31
 31 OF 56 SHEETS



KEY	QTY	SIZE	BOTANICAL NAME	COMMON NAME
AC	8	2'-2.5' CAL.	PRUNUS SUBHIRTELLA 'AUTUMNALIS'	AUTUMNALIS HIGAN CHERRY
AH	19	2'-2.5' CAL.	CYPRISSUS CAROLINIANA	AMERICAN HORSEBAM
AP	25	2'-2.5' CAL.	PYRUS CALLERYANA 'ARISTOCRAT'	ARISTOCRAT FLOWERING PEAR
EC	9	2'-2.5' CAL.	MALUS X ADSTRINGENS 'JEFOREEN'	EMERALD SPIRE FLOWERING CRABAPPLE
GR	24	2'-2.5' CAL.	CERCIS CANADENSIS 'HEARTS OF GOLD'	HEARTS OF GOLD REDBUD
GV	27	2'-2.5' CAL.	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE ZELKOVA
RM	15	2'-2.5' CAL.	ACER RUBRUM 'OCTOBER GLORY'	RED MAPLE
BC	15	6"	CYPRESSUS ARIZONICA VAR. GLABRA 'BLUE PYRAMID'	BLUE PYRAMID ARIZONA CYPRESS
BS	12	6"	PICEA PLUNGENS 'MOERHEIM'	MOERHEIM BLUE SPRUCE
CS	18	6"	PICEA PLUNGENS 'FAT ALBERT'	FAT ALBERT COLORADO BLUE SPRUCE
EW	65	6"	PIRUS STROBUS	EASTERN WHITE PINE
NS	44	6"	PICEA ABIES	NORWAY SPRUCE
BB	TBD*	24'-36"	KOLKWIZIA AMABILIS	BEAUTY BUSH
BHF	TBD*	24'-36"	ILEX MESERVEAE 'BLUE PRINCESS' - FEMALE	BLUE HOLLY
BHM	TBD*	24'-36"	ILEX MESERVEAE 'BLUE PRINCE' - MALE	BLUE HOLLY
FG	TBD*	1 GAL.	PENNISE TUM ALOPECUROIDES 'MOODRY'	FOUNTAIN GRASS
FR	TBD*	15'-18"	CALAMAGROSIS ACUTIFOLIA KARL FORRESTER	FEATHER REED
GF	TBD*	15'-18"	FORSYTHIA X INTERMEDIA 'KOLGOLD'	GOLD FORSYTHIA
HL	TBD*	1 GAL.	LAVANDULA X INTERMEDIA 'HIDCOTE GIANT'	HIDCOTE GIANT LAVENDER
JH	TBD*	1 GAL.	ILEX CRENATA 'SKY PENCIL'	SKY PENCIL JAPANESE HOLLY
MJ	TBD*	15'-18"	JUNIPERUS CHINENSIS	MINT JULEP JUNIPER
MP	TBD*	24'-36"	PIRUS MUGO 'PUMILIO'	COMPACT MUGO PINE
RL	TBD*	15'-18"	LEUCOTHOE FONTANESIANA 'RAINBOW'	LEUCOTHOE
RR	TBD*	15'-18"	RHODODENDRON X 'RAMAPO'	(H-1) RHODODENDRON
RT	TBD*	24'-36"	CORNUS STOLONIFERA 'ARCTIC FIRE'	RED TWIG DOGWOOD
SH	TBD*	24'-36"	HYDRANGEA MACROPHYLLA 'HORTMAN'	SEASIDE SERENADE NEWPORT HYDRANGEA
PV	TBD*	24'-36"	VIBURNUM 'PIMLIT'	PEARLIFIC VIBURNUM

*SHRUB LOCATION AND COUNT TO BE DETERMINED (TBD) BY LANDSCAPE CONTRACTOR AT TIME OF INSTALLATION

LEGEND

EXISTING FEATURES

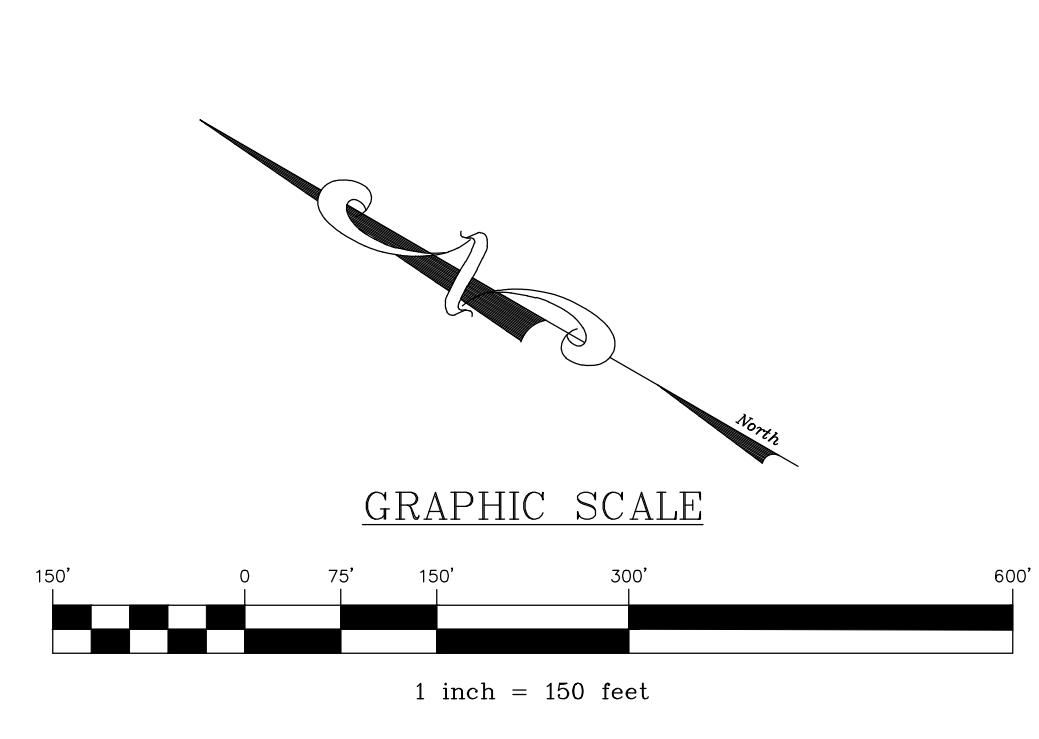
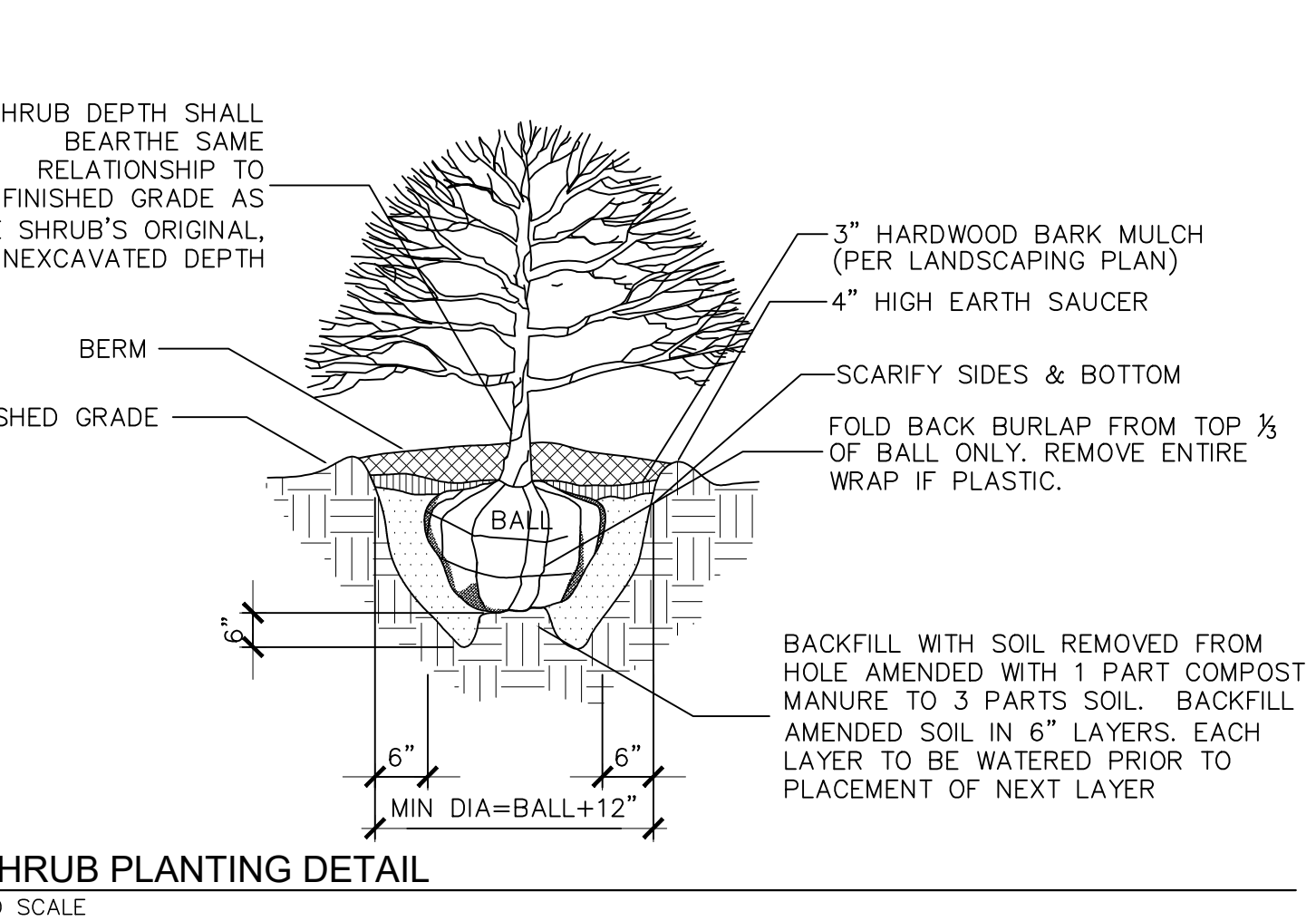
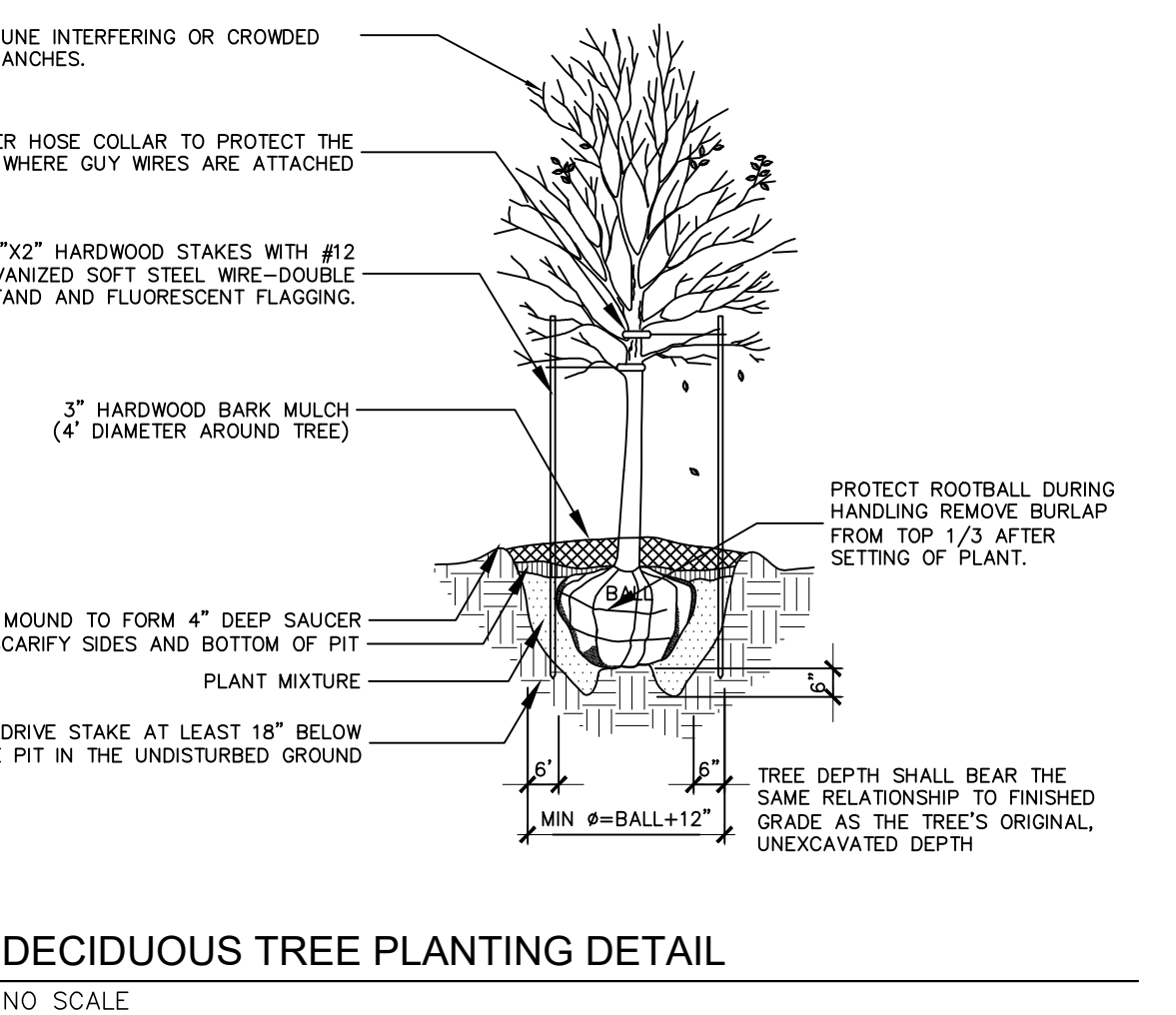
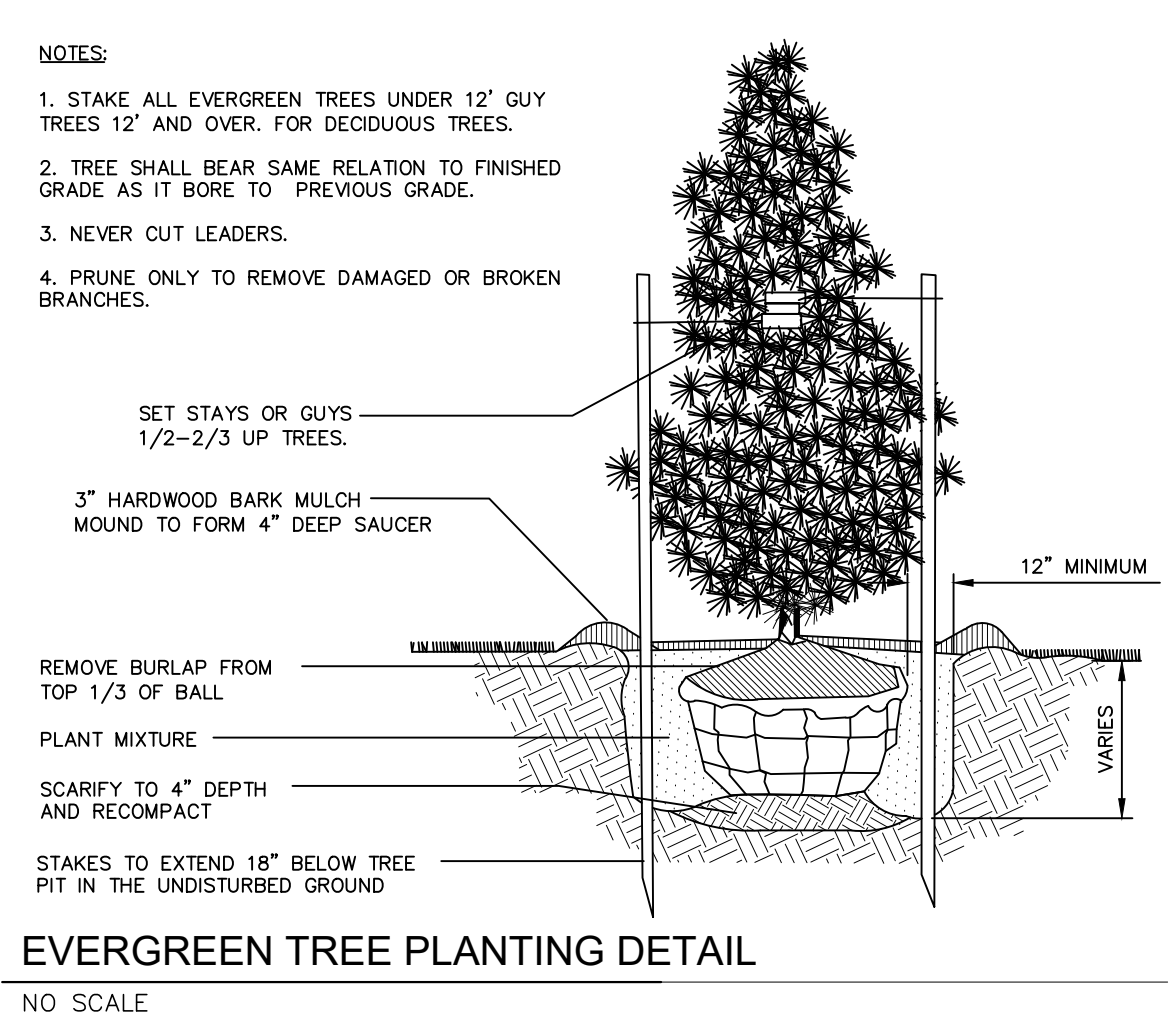
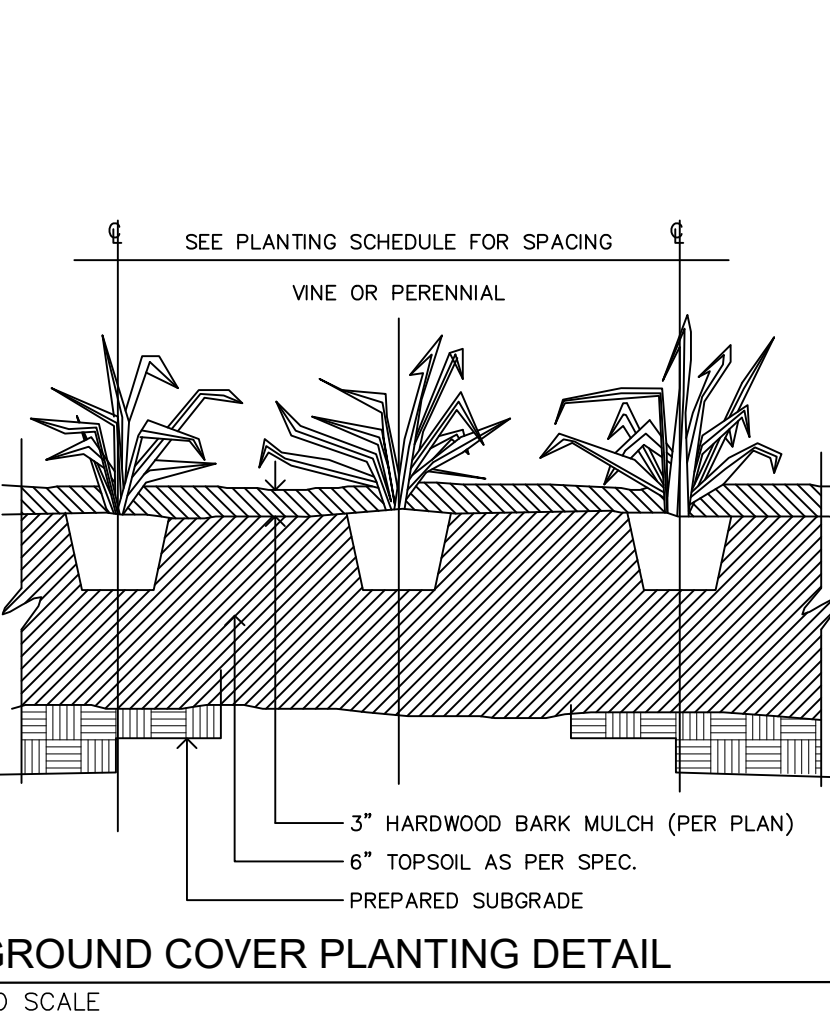
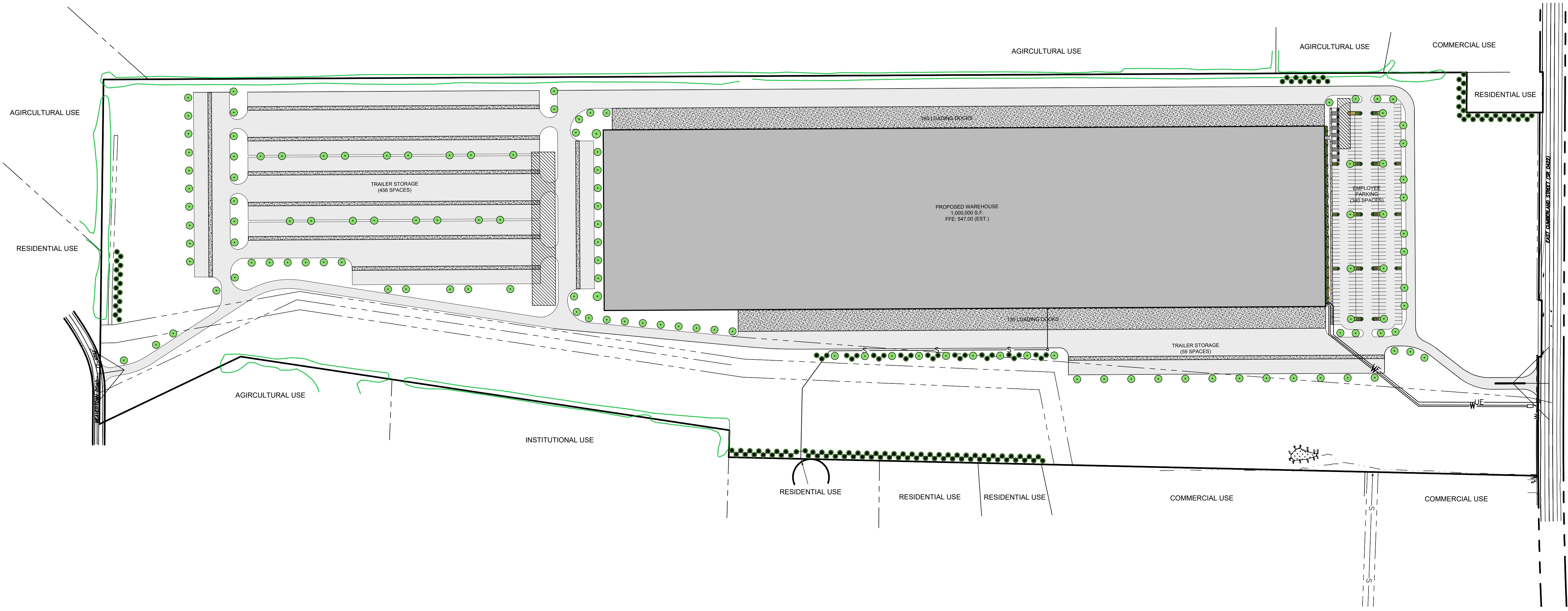
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- EXISTING BOUNDARY LINE AND CORNERS
- EXISTING EDGE OF PAVEMENT AND CURB LINE
- EXISTING RIGHT-OF-WAY
- EXISTING FENCE
- EXISTING SEWER
- EXISTING STORMWATER
- EXISTING WATERLINE
- EXISTING GASLINE
- EXISTING CONTOURS
- EXISTING TREELINE
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE

PROPOSED FEATURES

- PROPOSED BUILDING SETBACK
- PROPOSED EDGE OF PAVEMENT AND CURB LINE
- PROPOSED RIGHT-OF-WAY
- PROPOSED FENCE
- PROPOSED SEWER
- PROPOSED STORMWATER
- PROPOSED DOMESTIC WATERLINE
- PROPOSED GASLINE
- PROPOSED CONCRETE/SIDEWALK
- PROPOSED CONTOURS
- PROPOSED TREELINE
- PROPOSED UTILITY POLE
- PROPOSED LIGHT POLE

PLANT SYMBOL LEGEND

- DECIDUOUS TREE
- EVERGREEN TREE
- SHRUB
- 3" WOOD MULCH

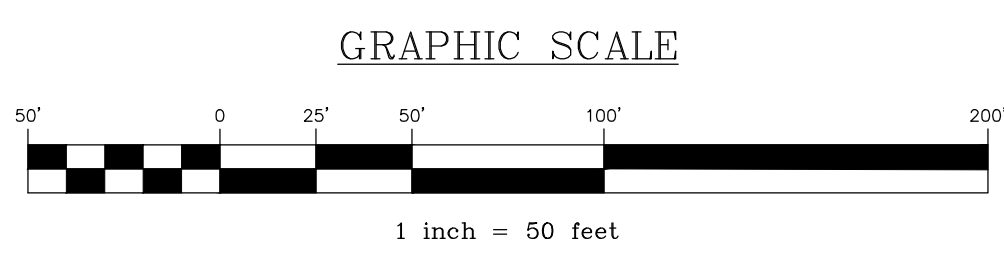
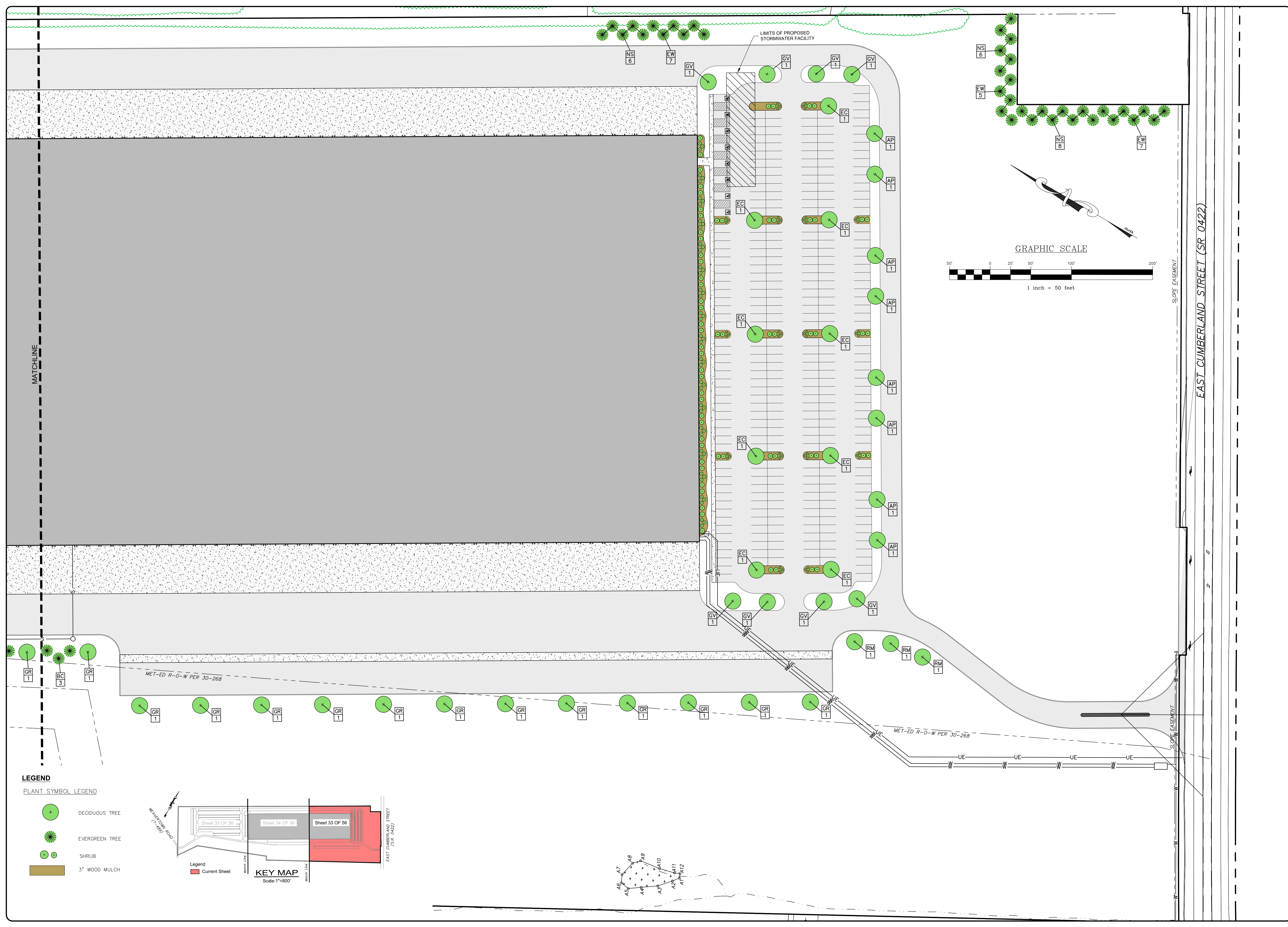


REVISION	DATE	BY

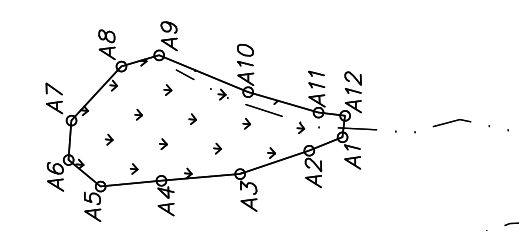
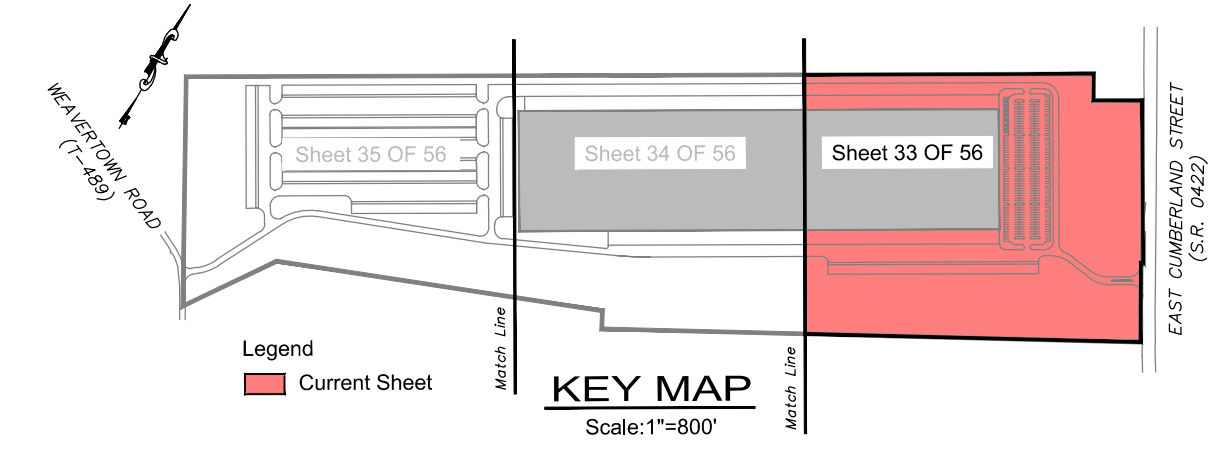
OVERALL LANDSCAPING PLAN
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

ESI
 Steckbeck Engineering & Surveying Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=150'
PROJECT #	#2214-22-001



- LEGEND**
- PLANT SYMBOL LEGEND
- DECIDUOUS TREE
 - EVERGREEN TREE
 - SHRUB
 - 3" WOOD MULCH



REVISION	DATE	BY

LANDSCAPING PLAN

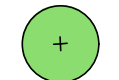

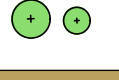

PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
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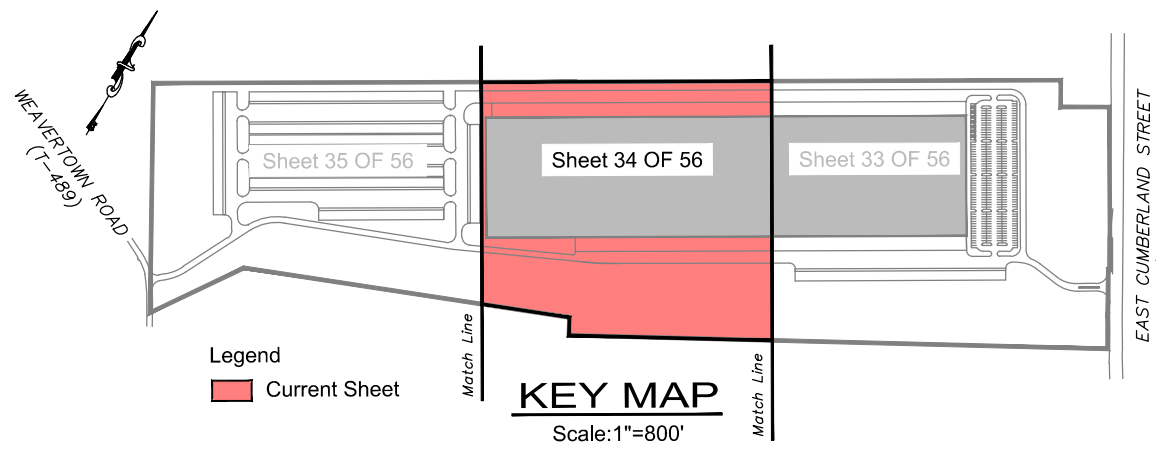
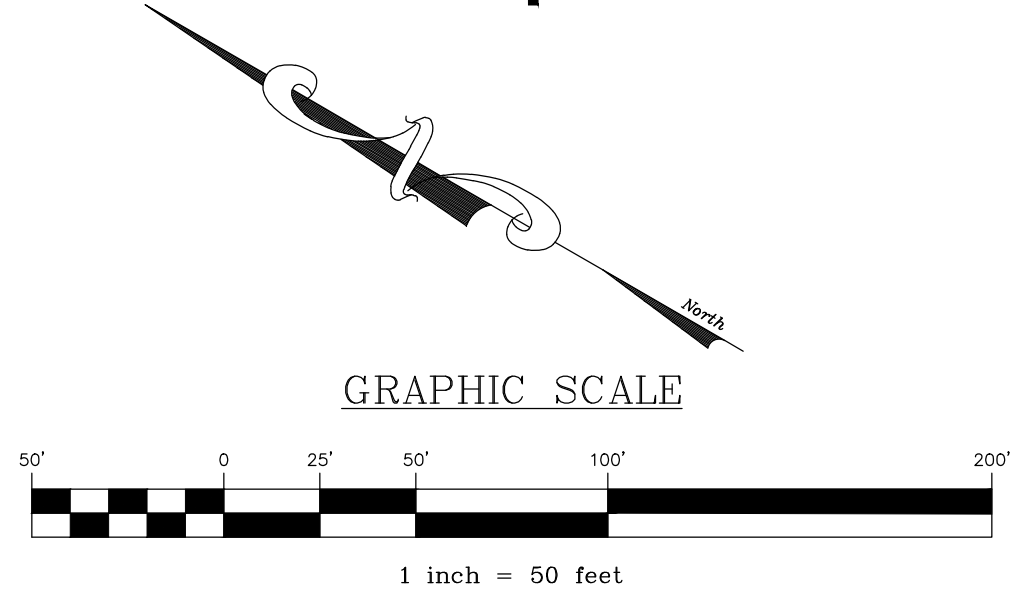
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DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	2214-22-001



LEGEND

PLANT SYMBOL LEGEND

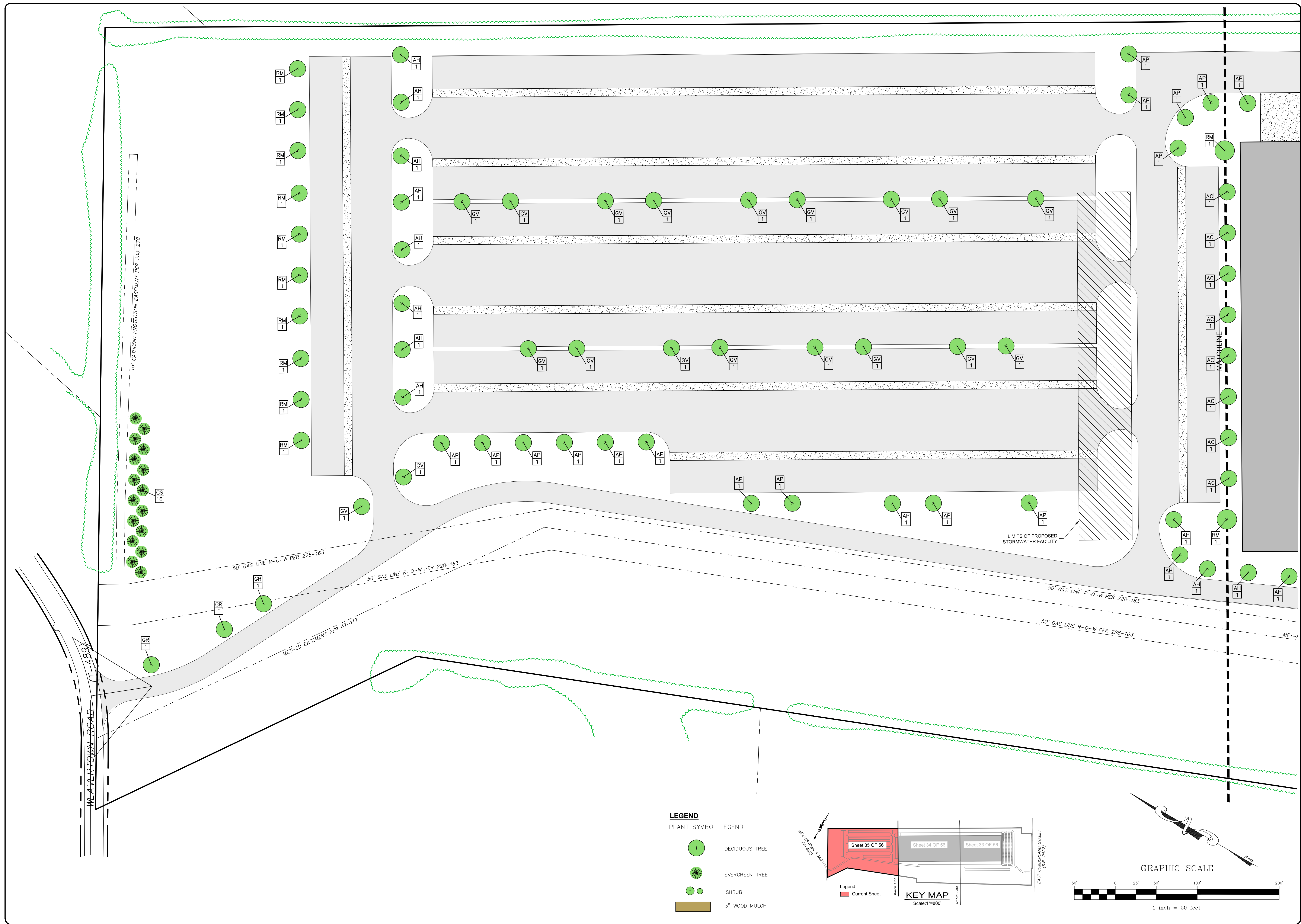
-  DECIDUOUS TREE
-  EVERGREEN TREE
-  SHRUB
-  3" WOOD MULCH

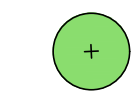





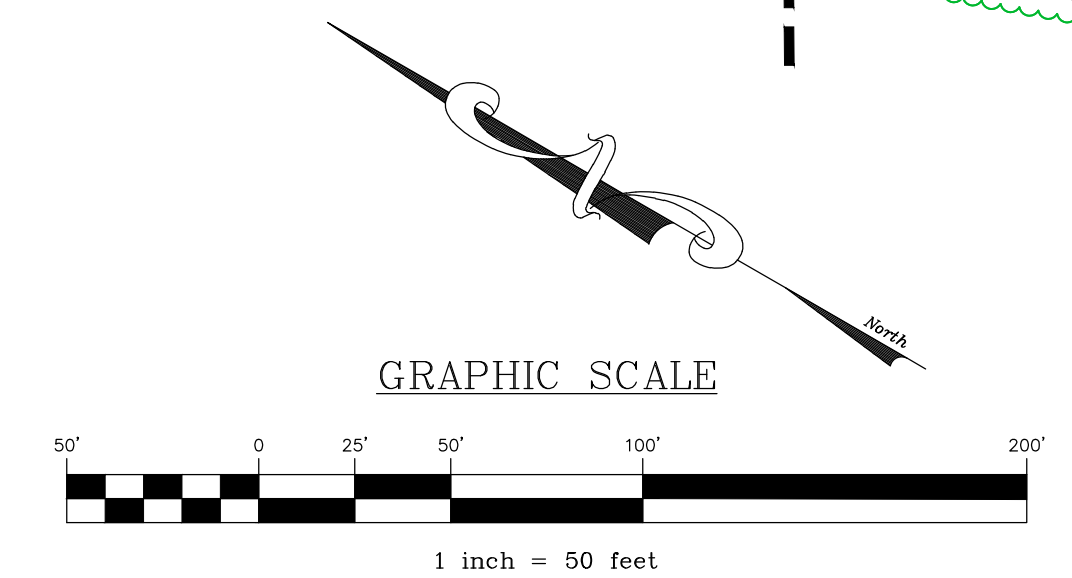
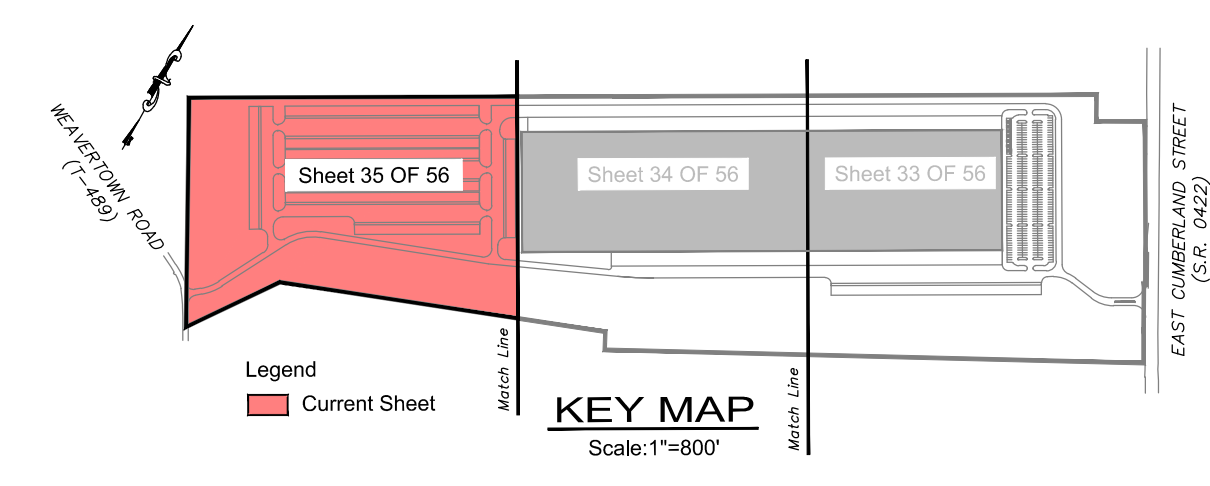
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LANDSCAPING PLAN
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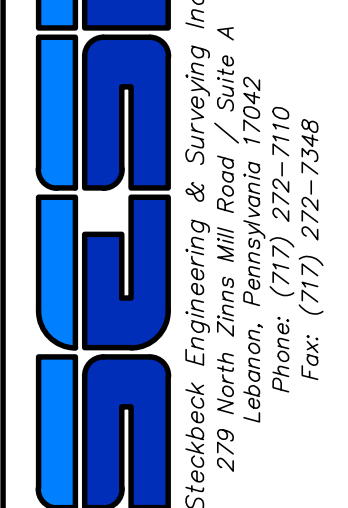


- LEGEND**
PLANT SYMBOL LEGEND
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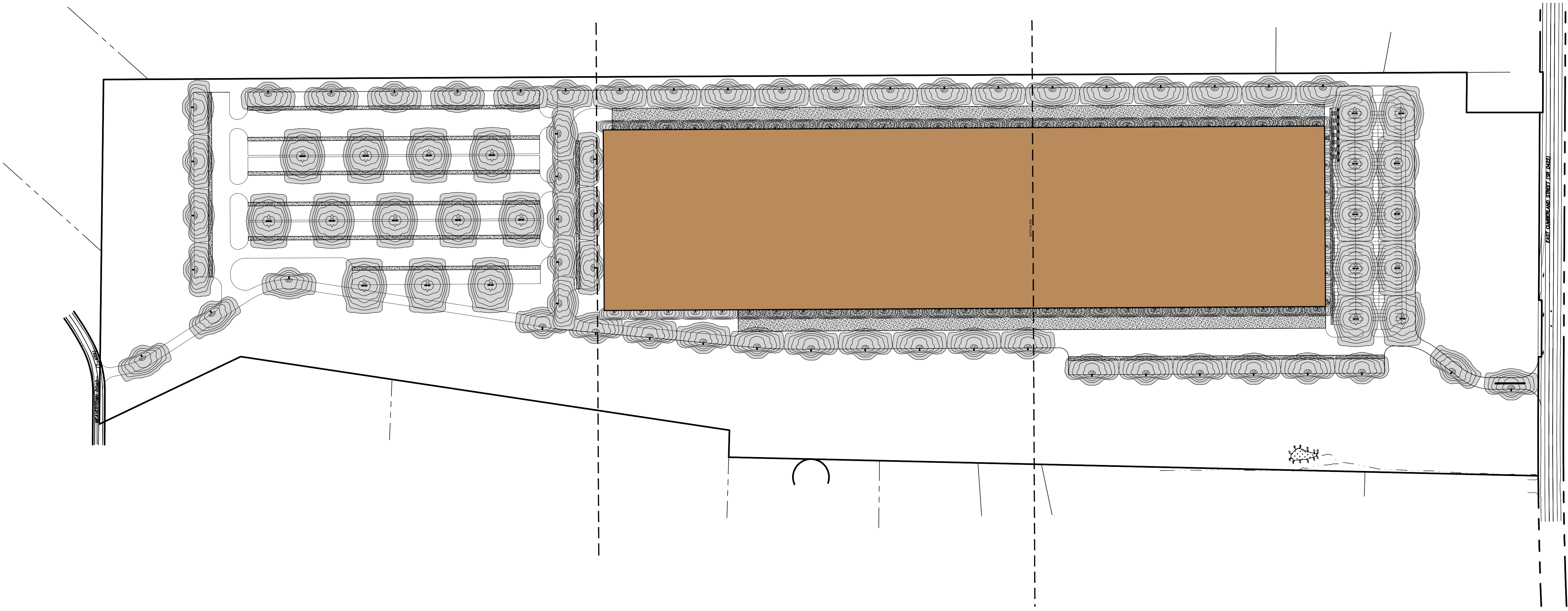
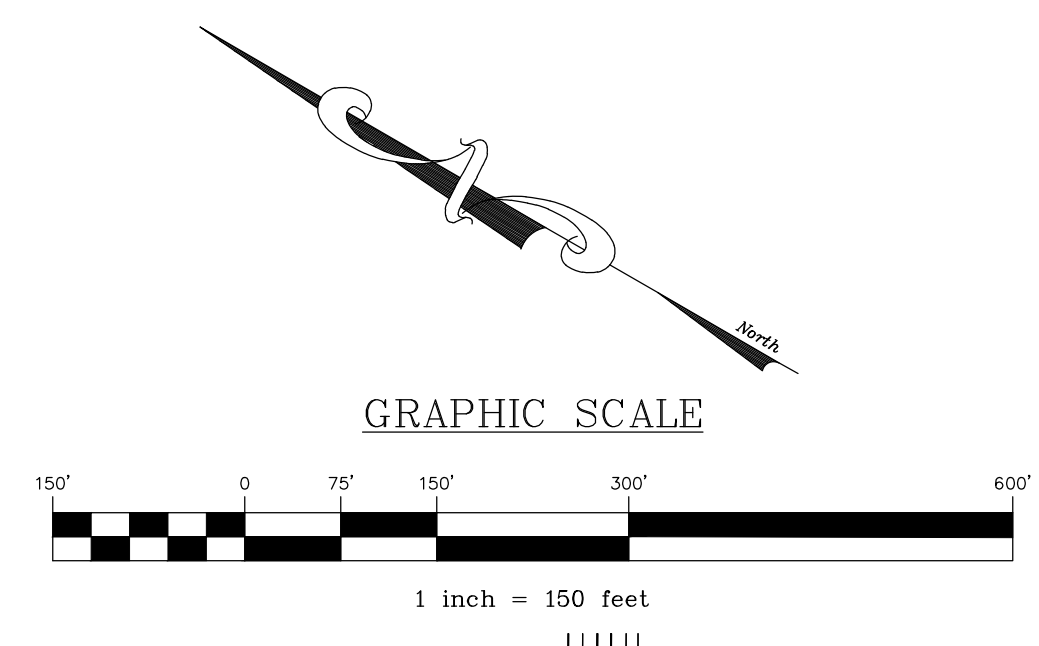
CSI
 Crescent Surveying Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
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LEGEND

- EXISTING FEATURES**
- EXISTING ADJOINER LINE
 - EXISTING BOUNDARY LINE AND CORNERS
 - - - - - EXISTING RIGHT-OF-WAY
 - x - EXISTING FENCE
 - ▨ EXISTING SIDEWALK/CONCRETE
 - EXISTING EDGE OF PAVEMENT AND CURB LINE

- PROPOSED FEATURES**
- PROPOSED BUILDING SETBACK
 - ▨ PROPOSED EDGE OF PAVEMENT AND CURB LINE
 - x - PROPOSED FENCE
 - ▨ PROPOSED CONCRETE/SIDEWALK
 - PROPOSED PIPE BOLLARD

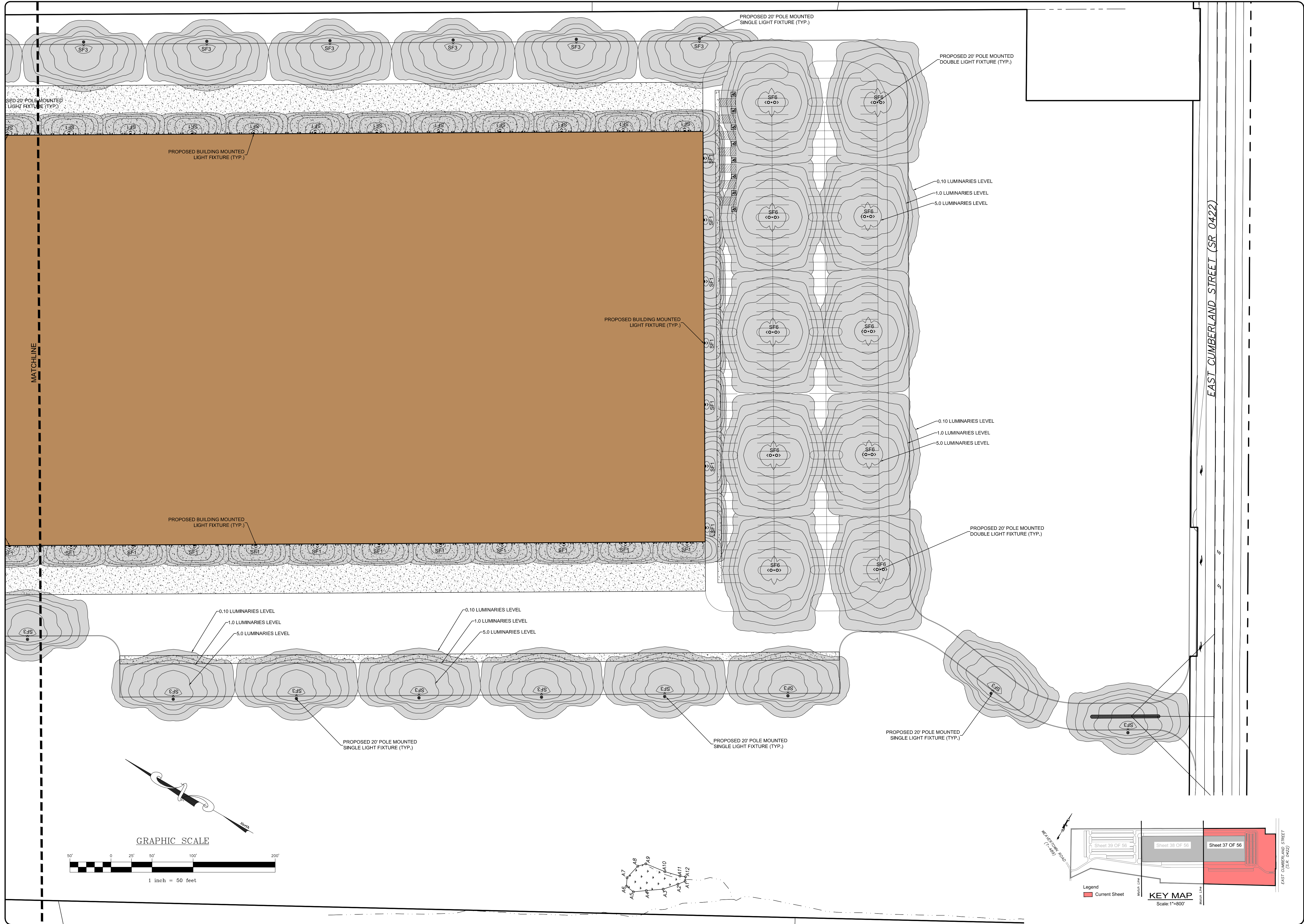


REVISION	DATE	BY

OVERALL LIGHTING PLAN
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 NLT WAREHOUSE AND TRAILER STORAGE
 located in
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RSI
 Streckbeck, Engineering & Surveying, Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
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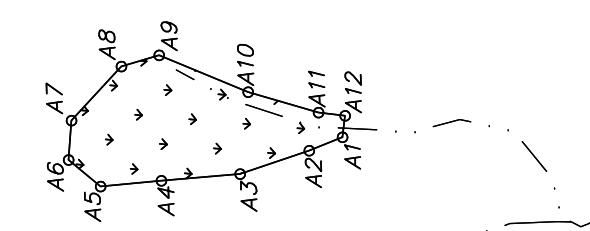
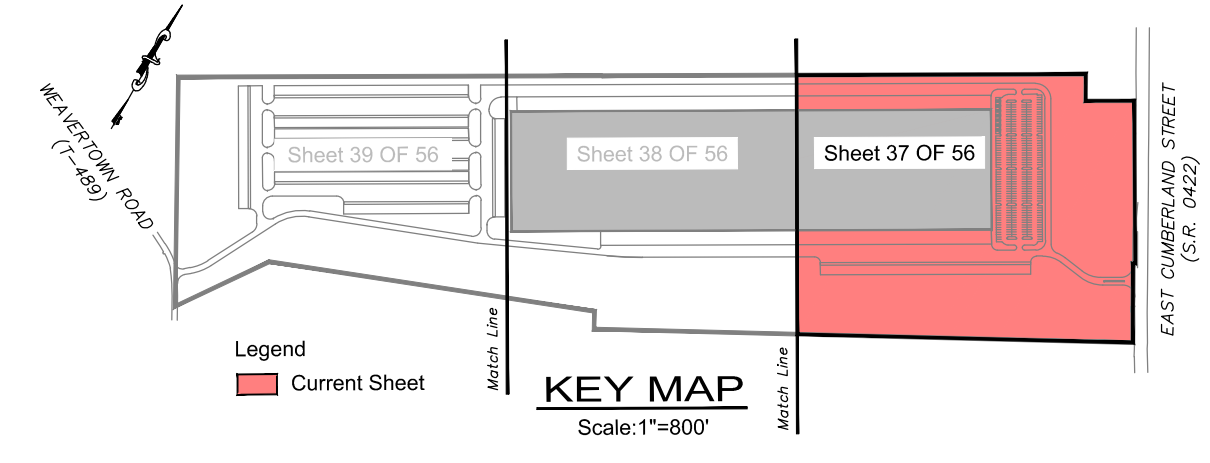
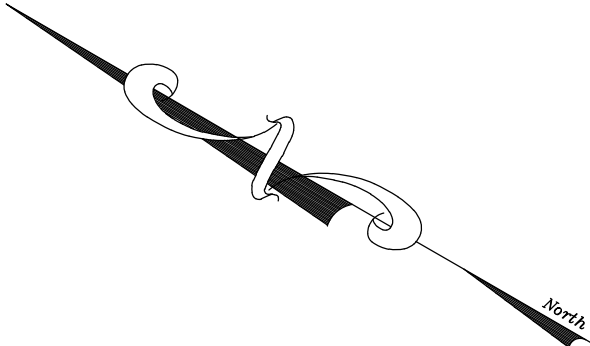
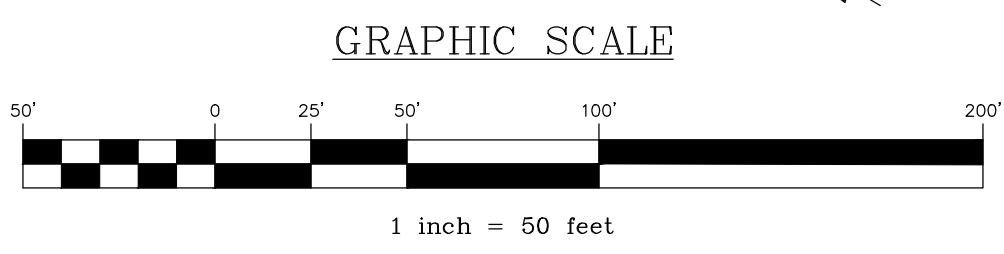
REVISION	BY	DATE

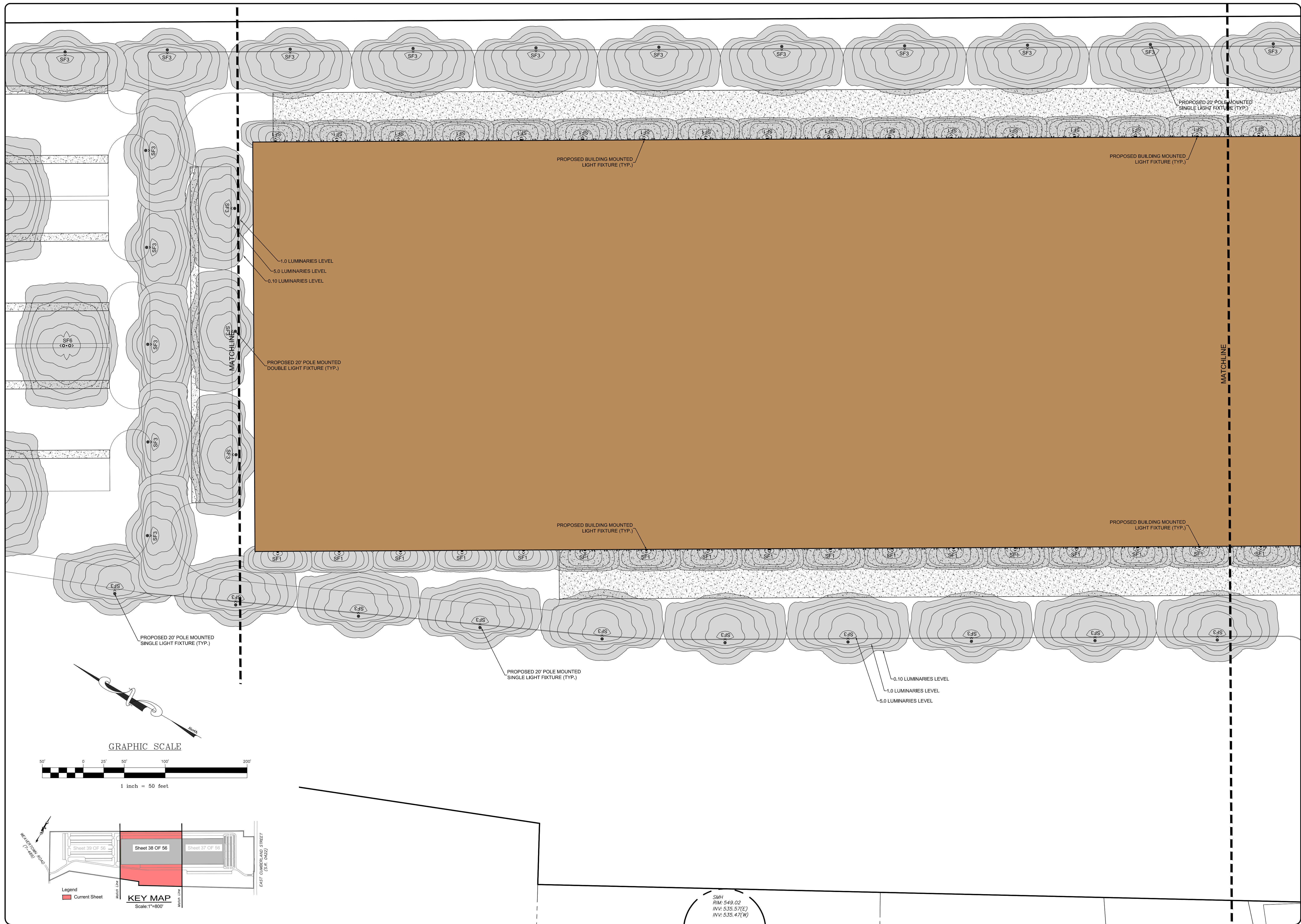
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LIGHTING PLAN
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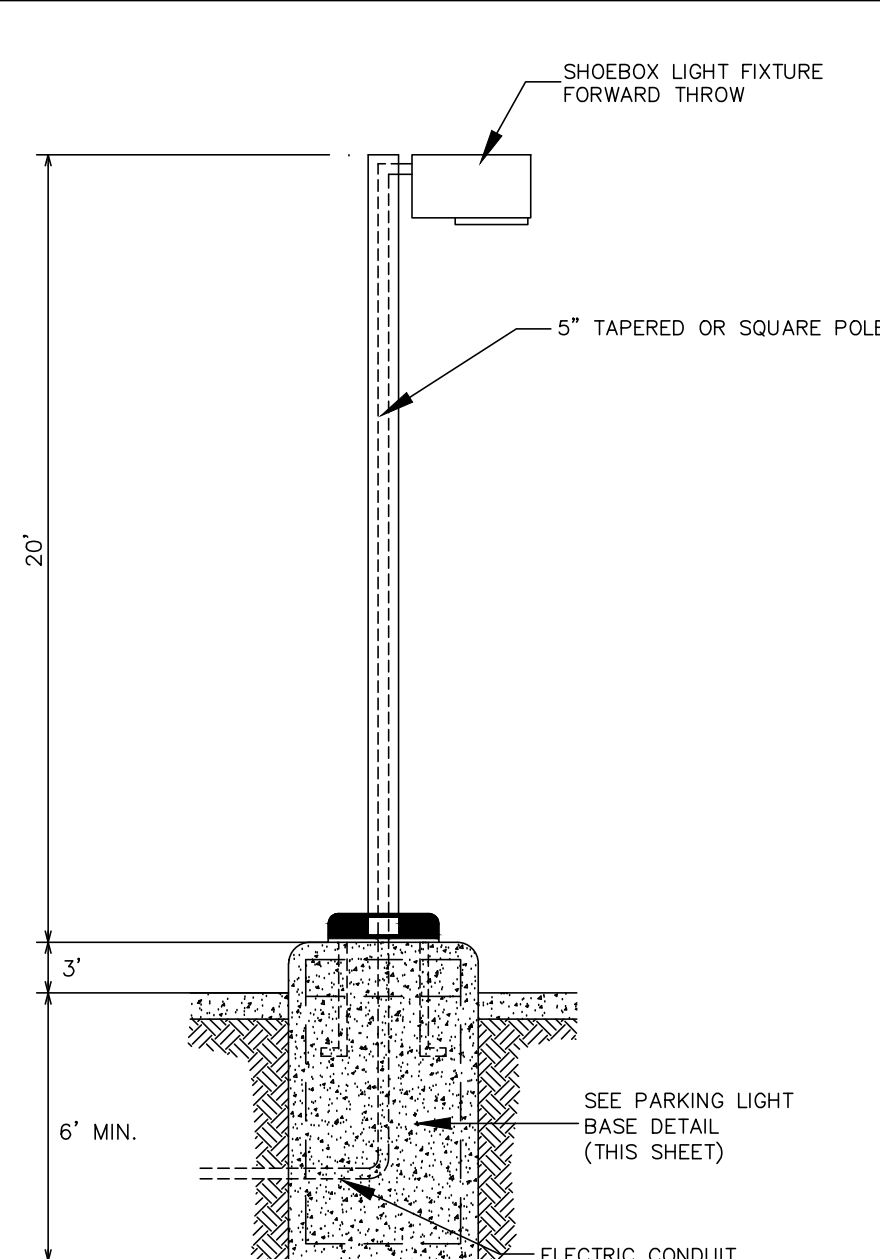
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LIGHTING PLAN

PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
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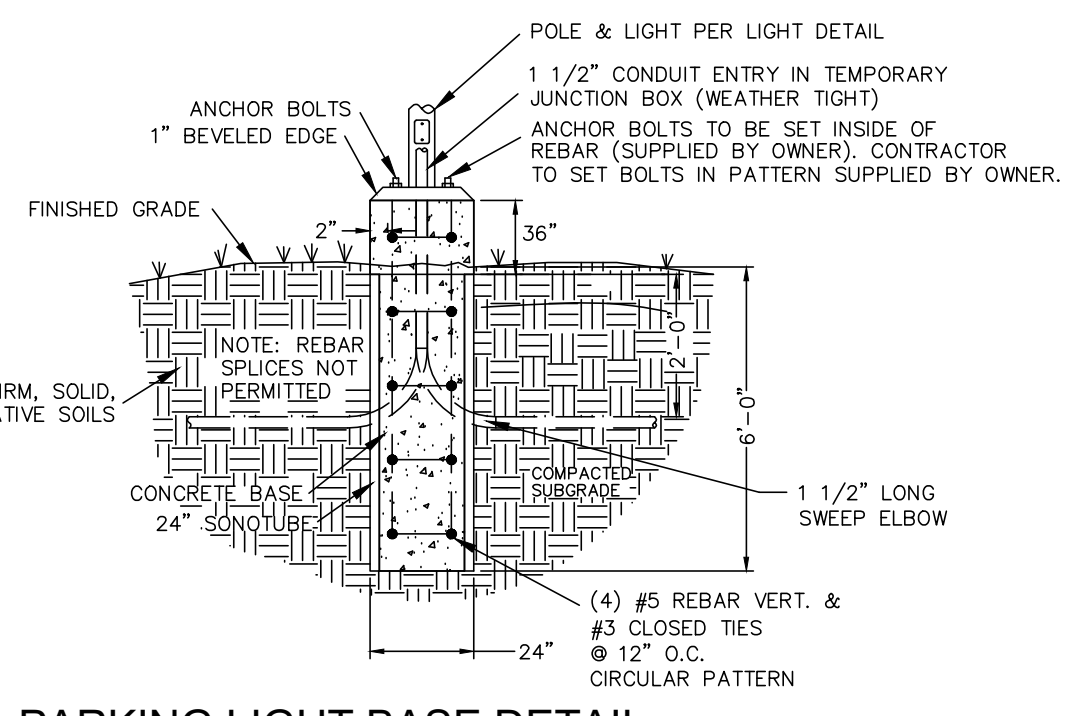


Installation/Mounting in Accordance With Light Standards Manufacturers Specifications.

NOTE: This detail is a typical detail only. Site conditions and/or pole/fixture type may vary. Consult with pole/fixture manufacturer for foundation requirements.

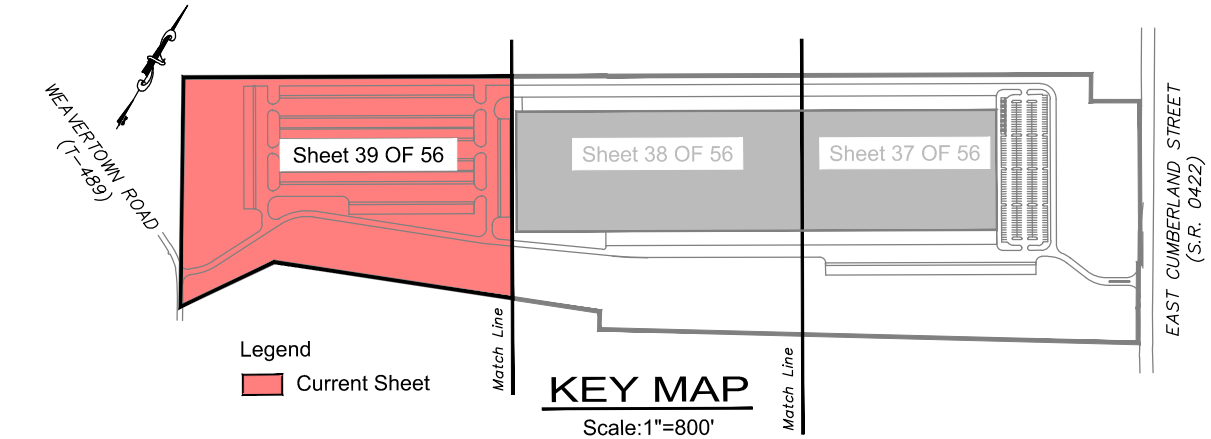
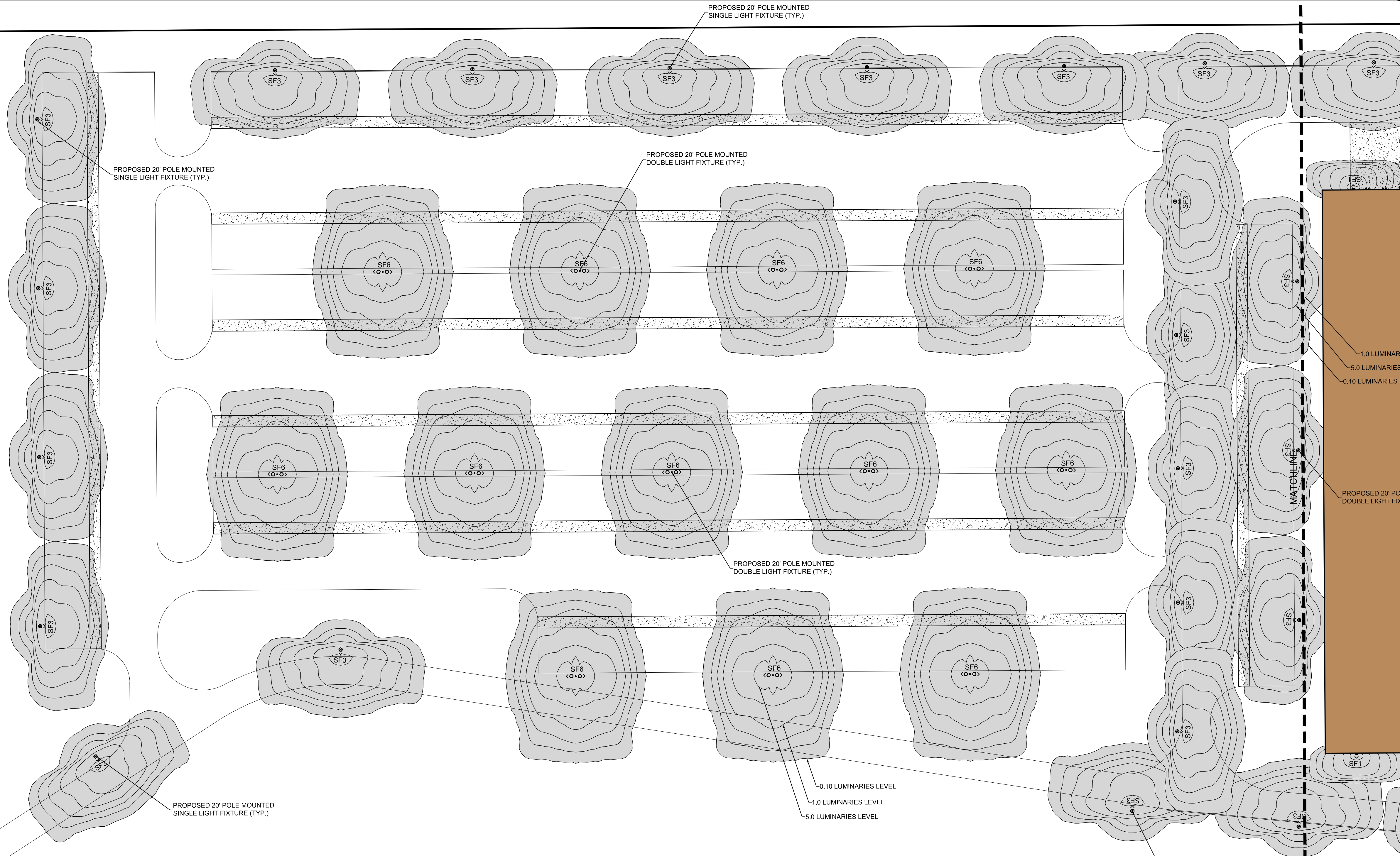
TYPICAL 20' POLE & FOUNDATION

NO SCALE

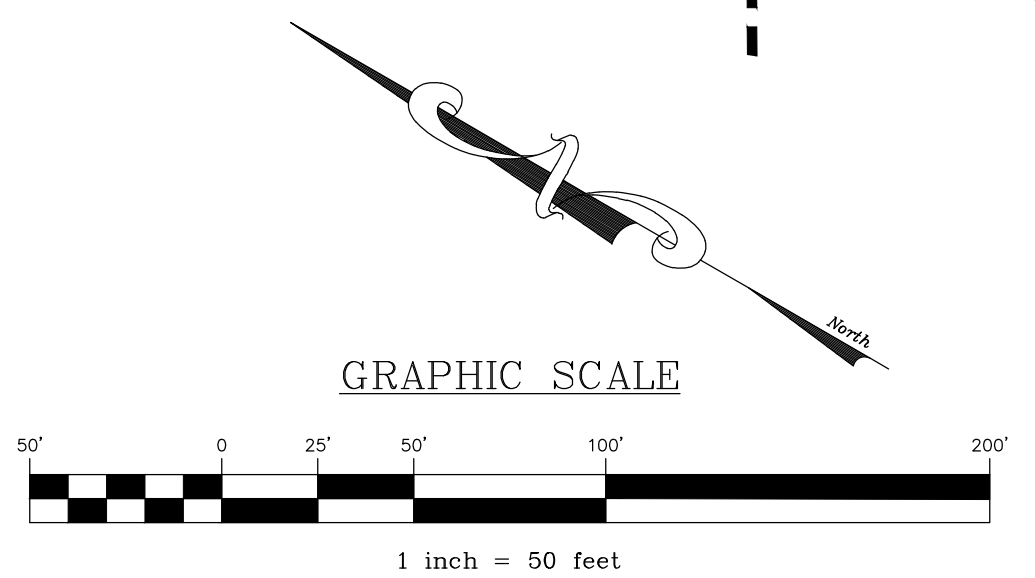


PARKING LIGHT BASE DETAIL

NO SCALE



Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lamp	Filename	Lumens	LLF	Wattage
—	SF1	61	SIGNIFY GARDCO	104L-16L-700-NW-G1-3	100 LINE LED SCNCE	(1) LEDGINE 3.1 LIGHT ARRAYS OF 16 LEDs (LUXEON T) AT 37W	104l-16l-700-nw-g1-3.ies	3458	0.9	36.8
—	SF3	52	SIGNIFY GARDCO	SFRA-3-110LA-4870-NW	SlenderForm Round Arm Mount SFRA 48 LED's 4000K CCT, TYPE 3 OPTIC.	(1) (48LED) FLEXgine ARRAY(S) DRIVEN AT 700mA	sfra-3-110la-4870-nw.ies	12566	0.9	107
—	SF6	22	SIGNIFY GARDCO	SFRA-3-110LA-4870-NW	SlenderForm Round Arm Mount SFRA 48 LED's 4000K CCT, TYPE 3 OPTIC.	(1) (48LED) FLEXgine ARRAY(S) DRIVEN AT 700mA	sfra-3-110la-4870-nw.ies	12566	0.9	214

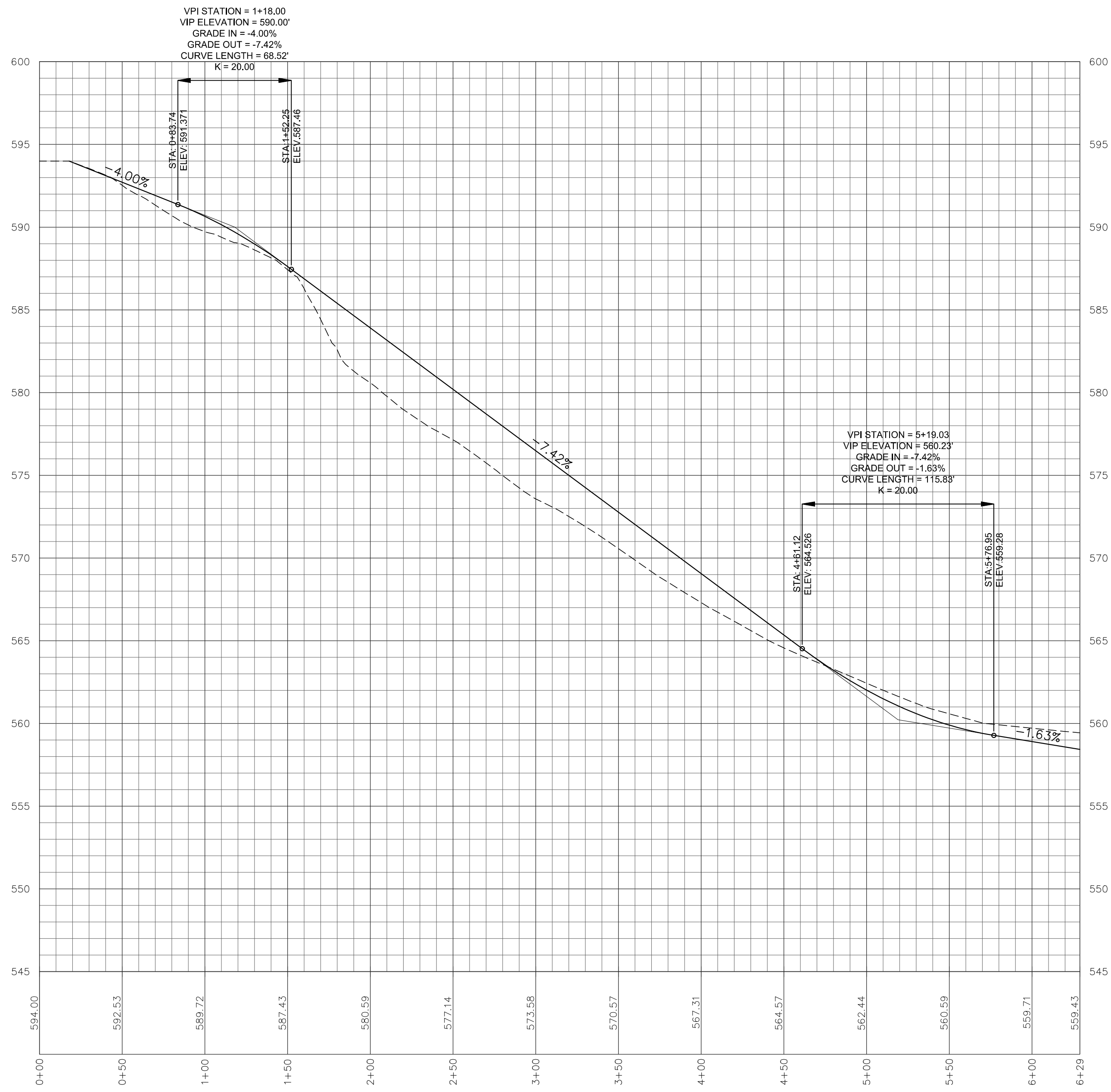


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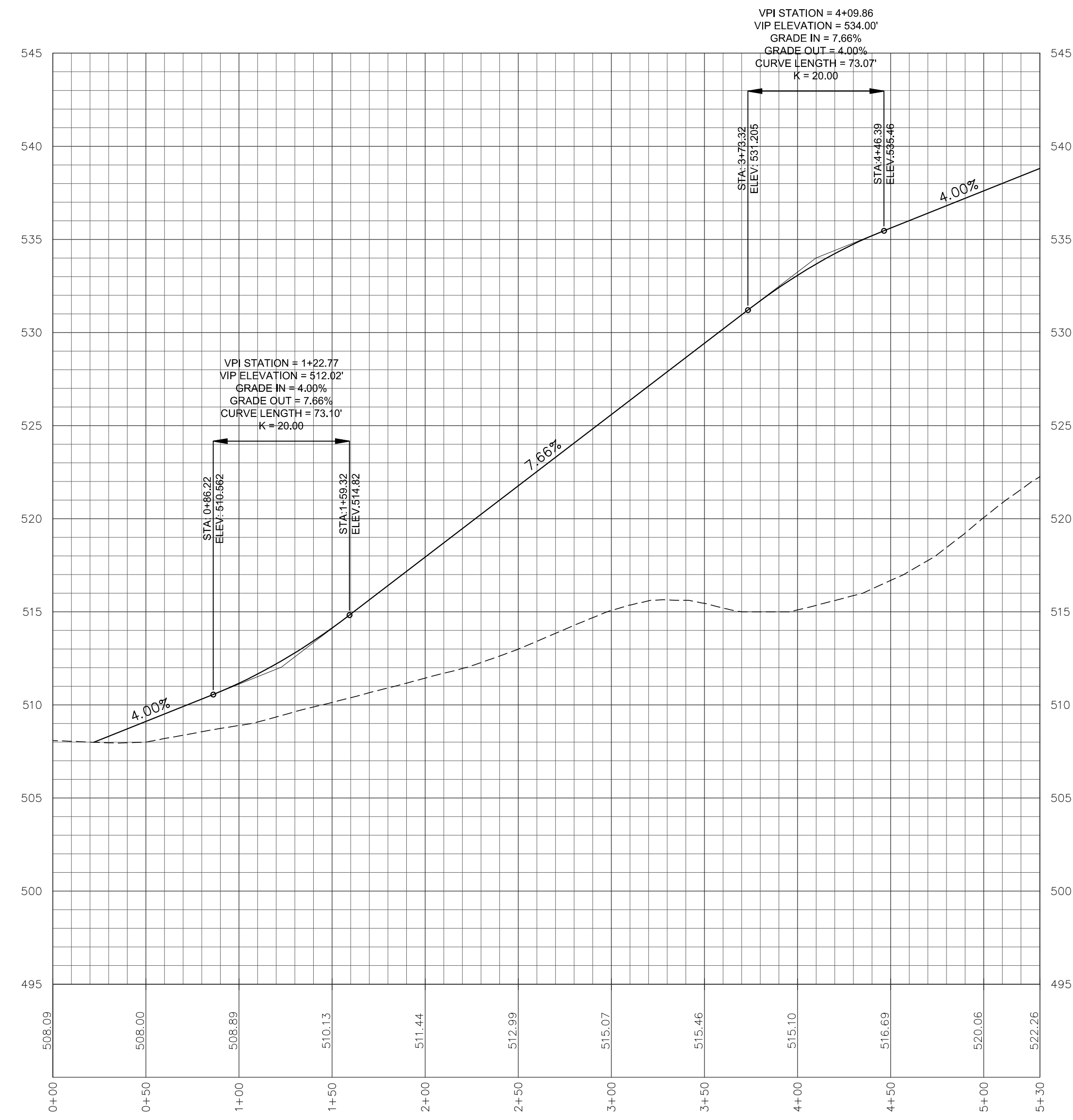
LIGHTING PLAN
 For
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 For
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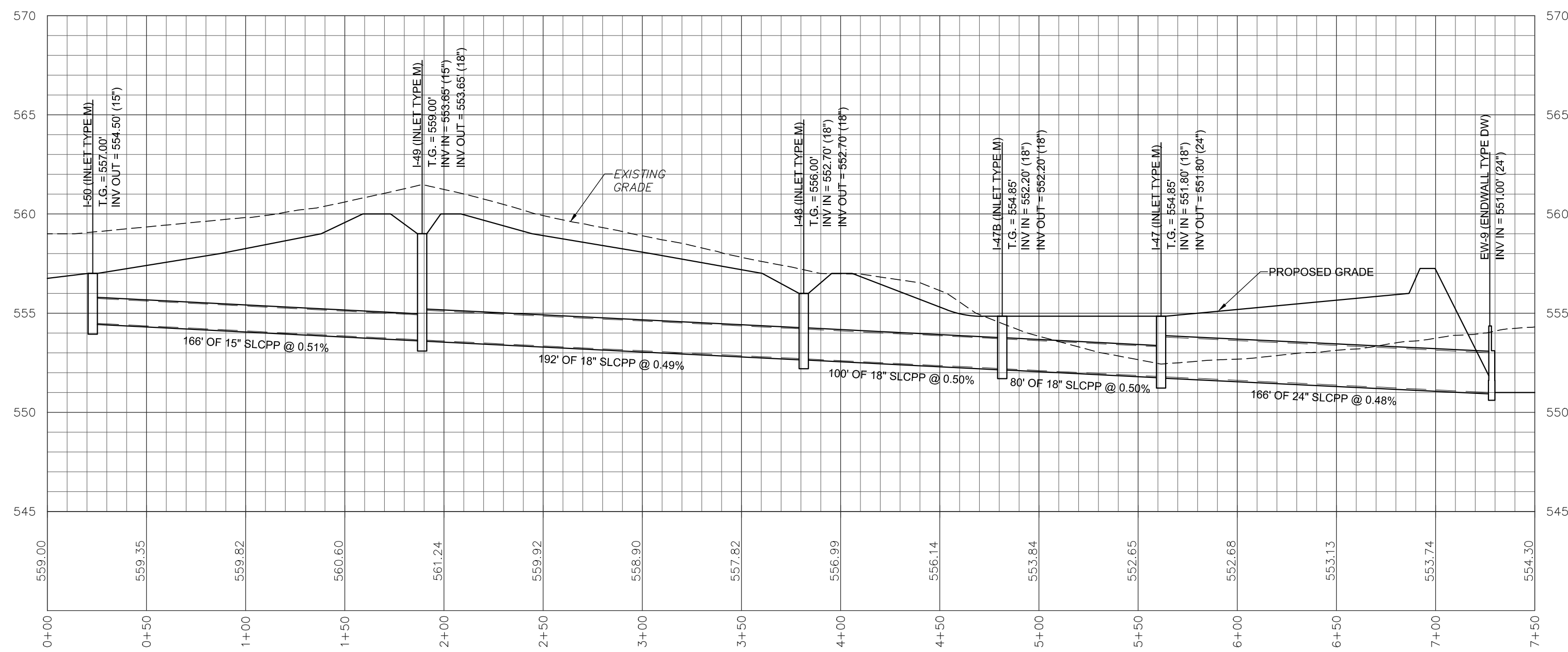
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BASE MAP:	MA
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CHECKED:	SS
DATE:	08-05-22
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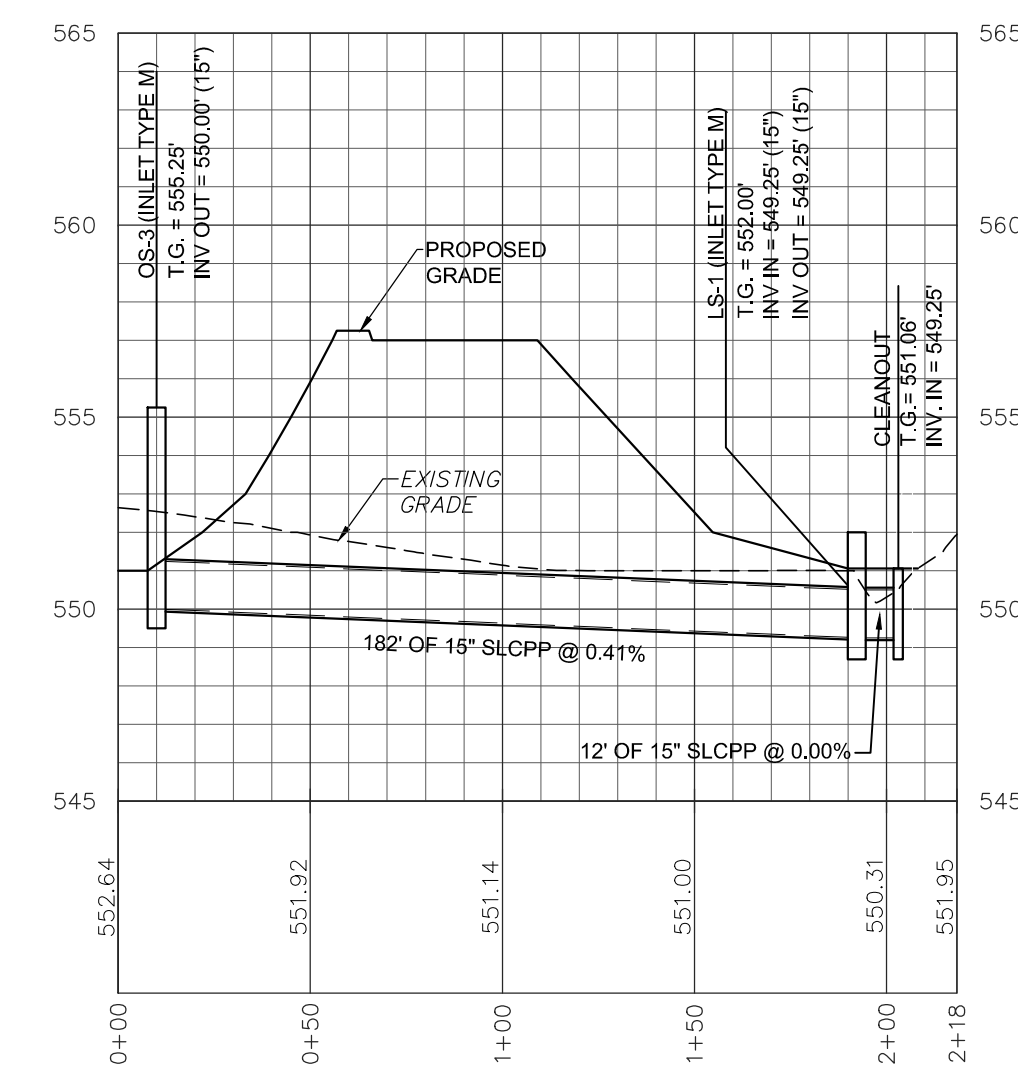
Northern Entrance



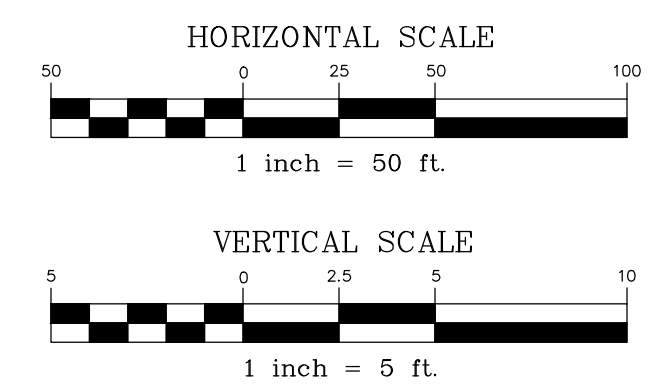
Main Access Drive



STORMWATER - I-50 TO EW-9



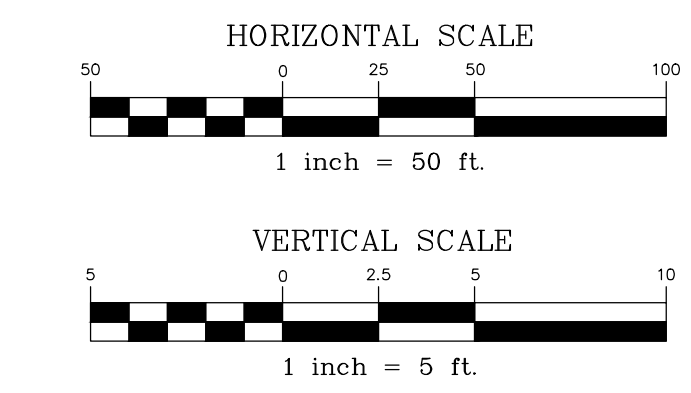
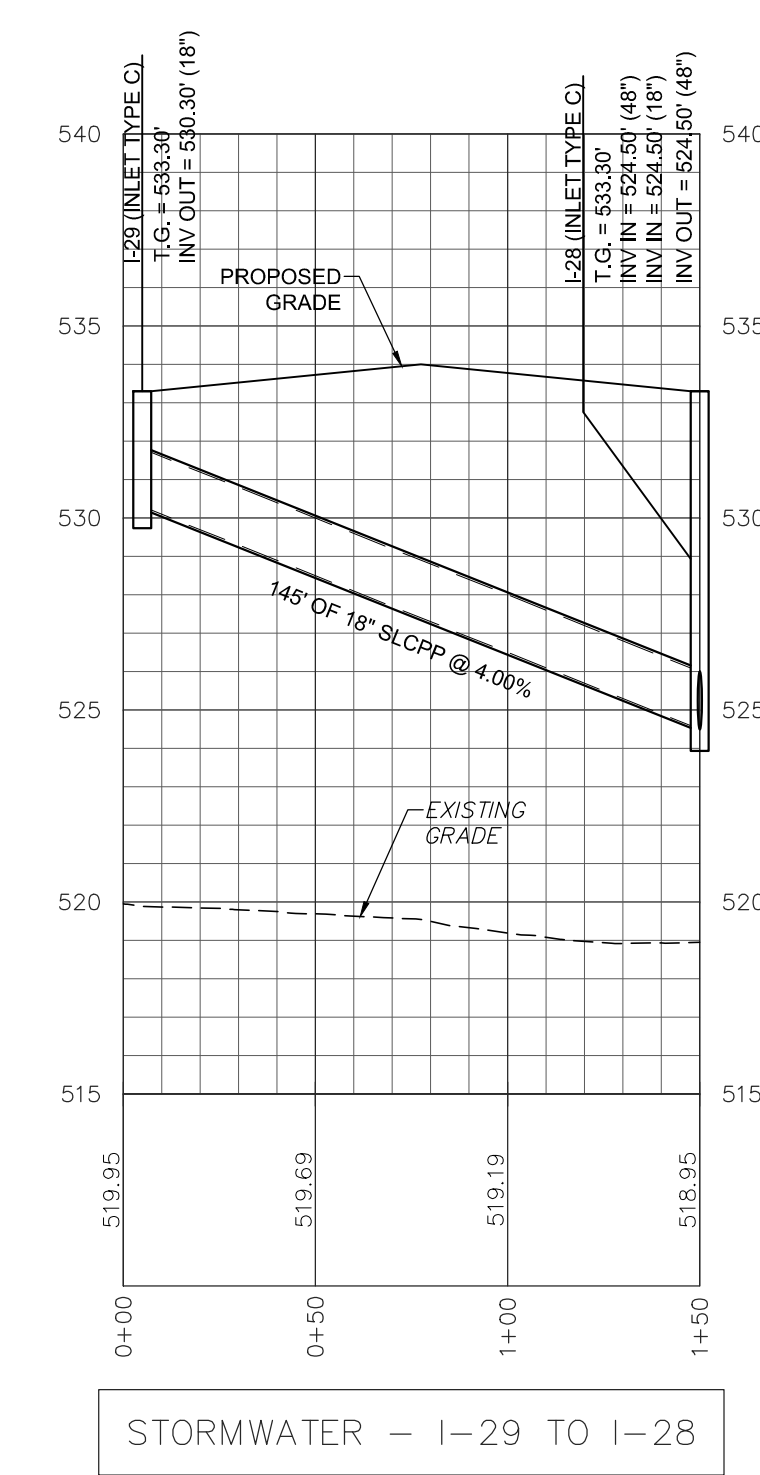
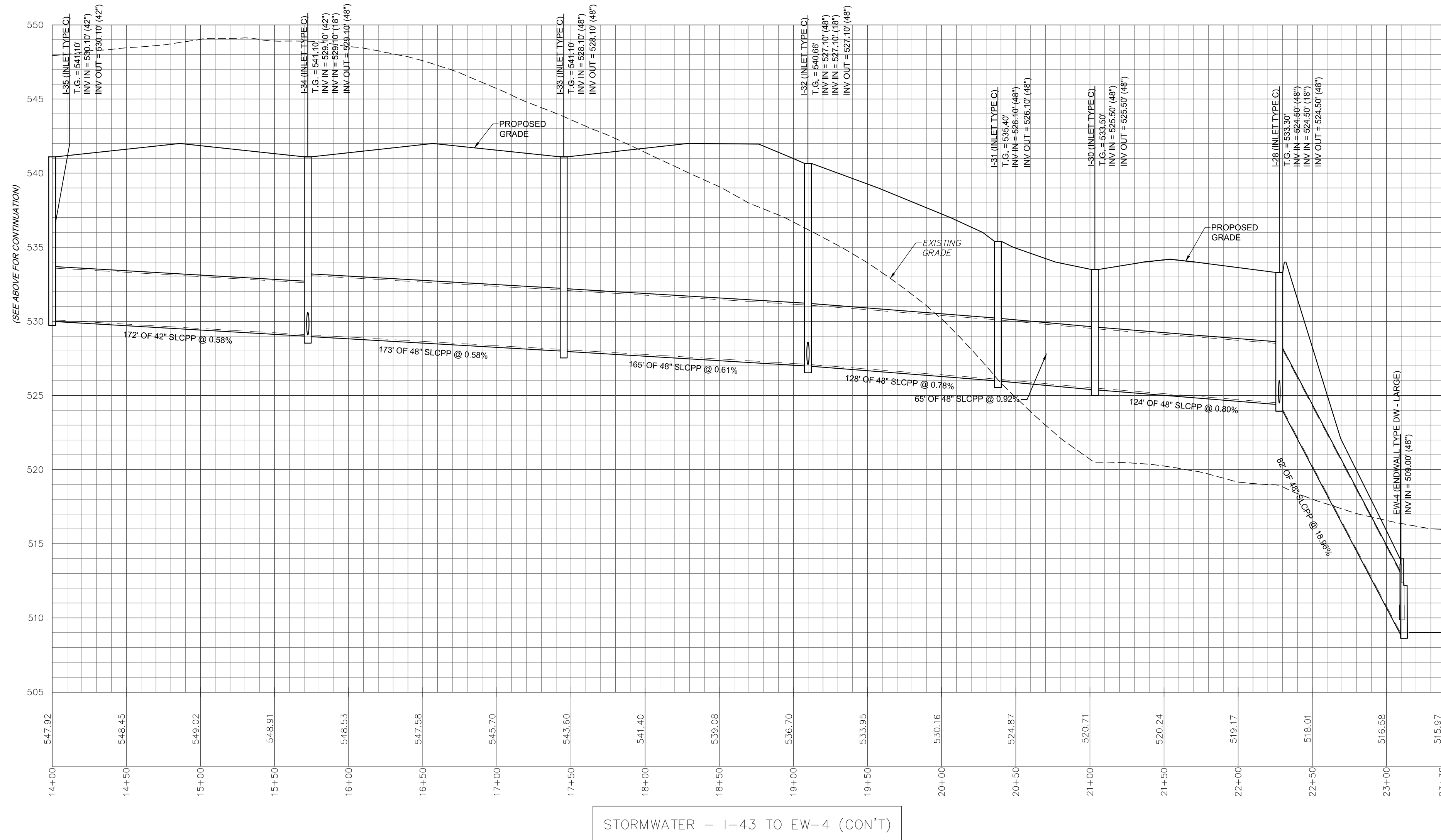
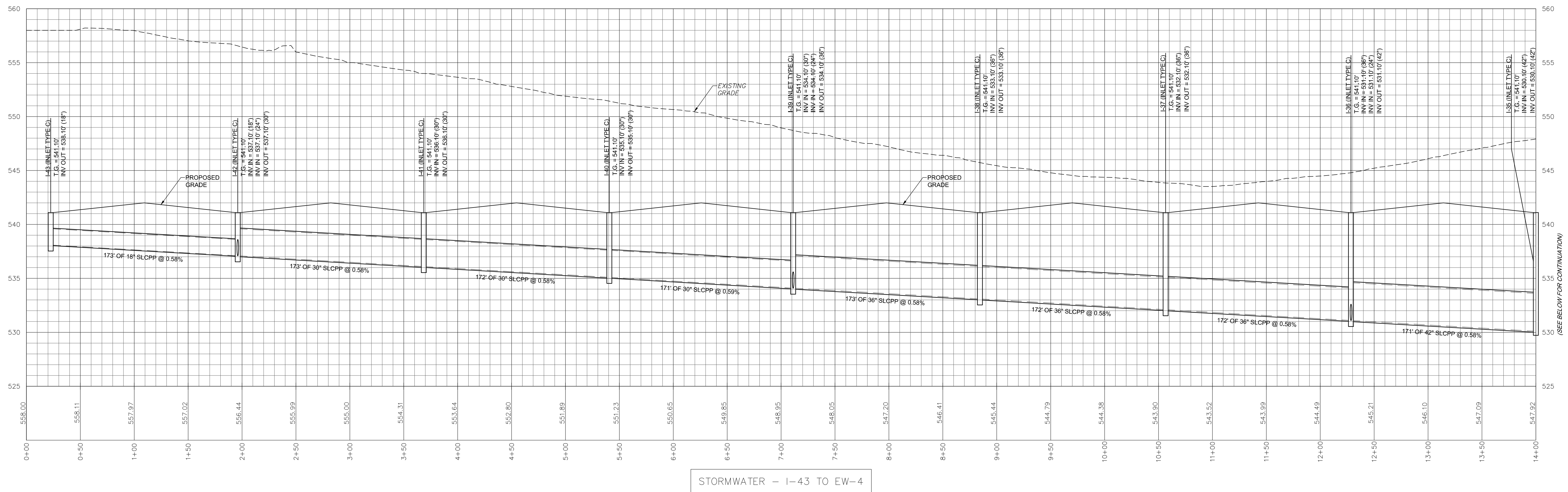
STORMWATER - OS-3 TO LS-1



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PROFILES
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NLT WAREHOUSE AND TRAILER STORAGE
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 Lebanon County, Pennsylvania

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DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=150'
PROJECT #	2214-22-001

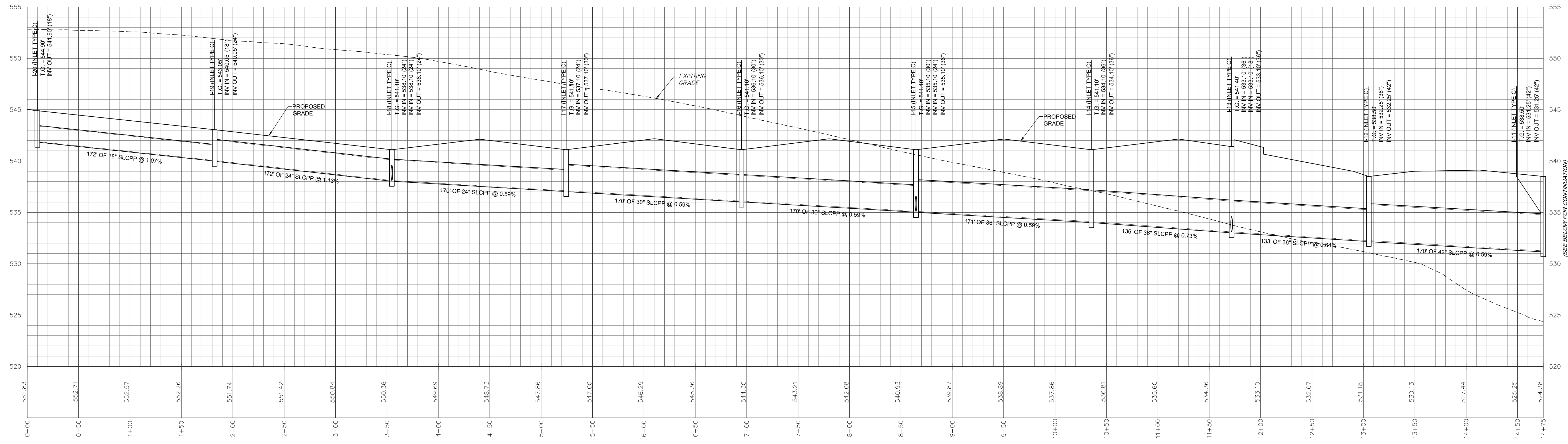


REVISION	DATE	BY

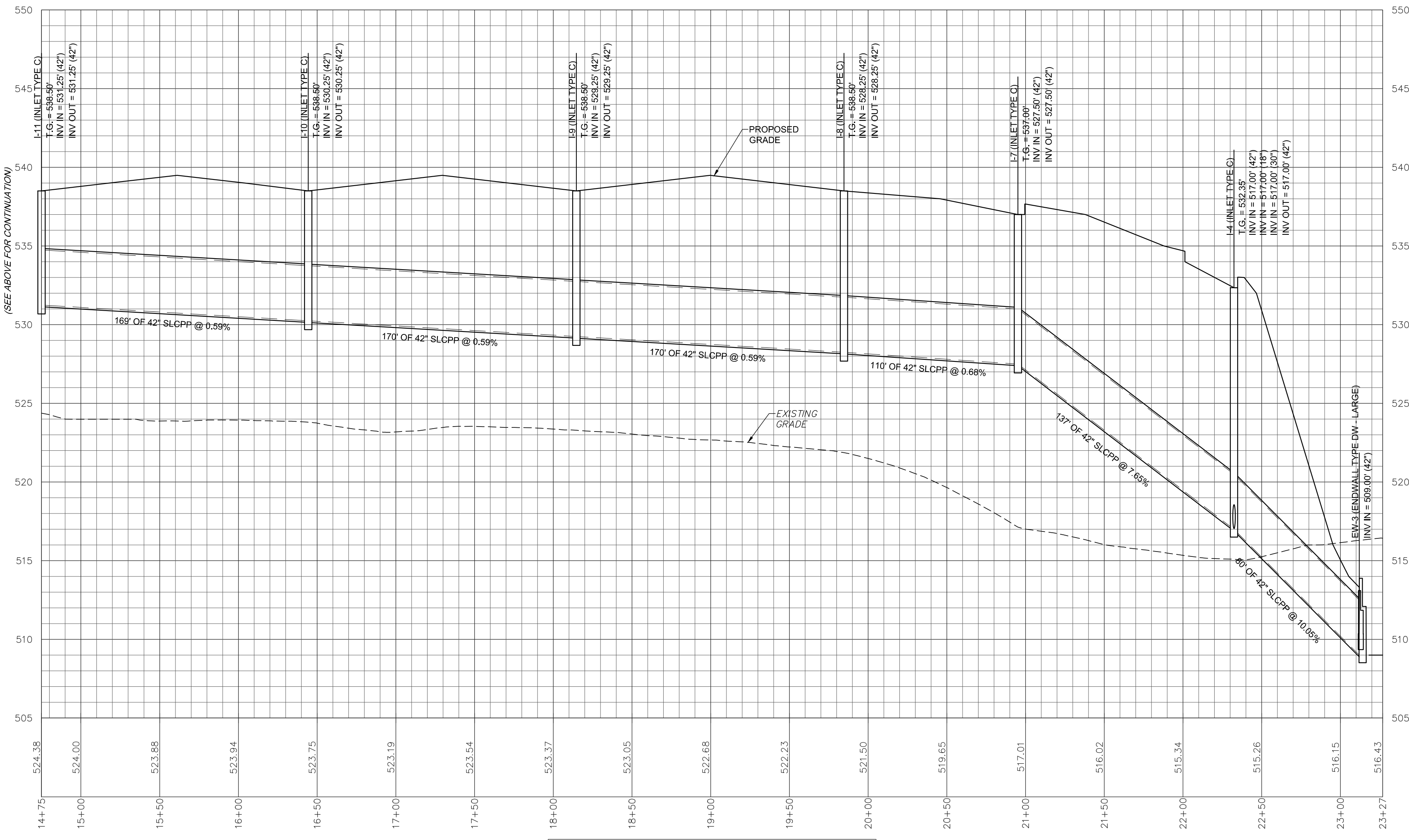
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CSI
 Steckbeck Engineering & Surveying Inc.
 279 Lebanon, Pennsylvania 17042
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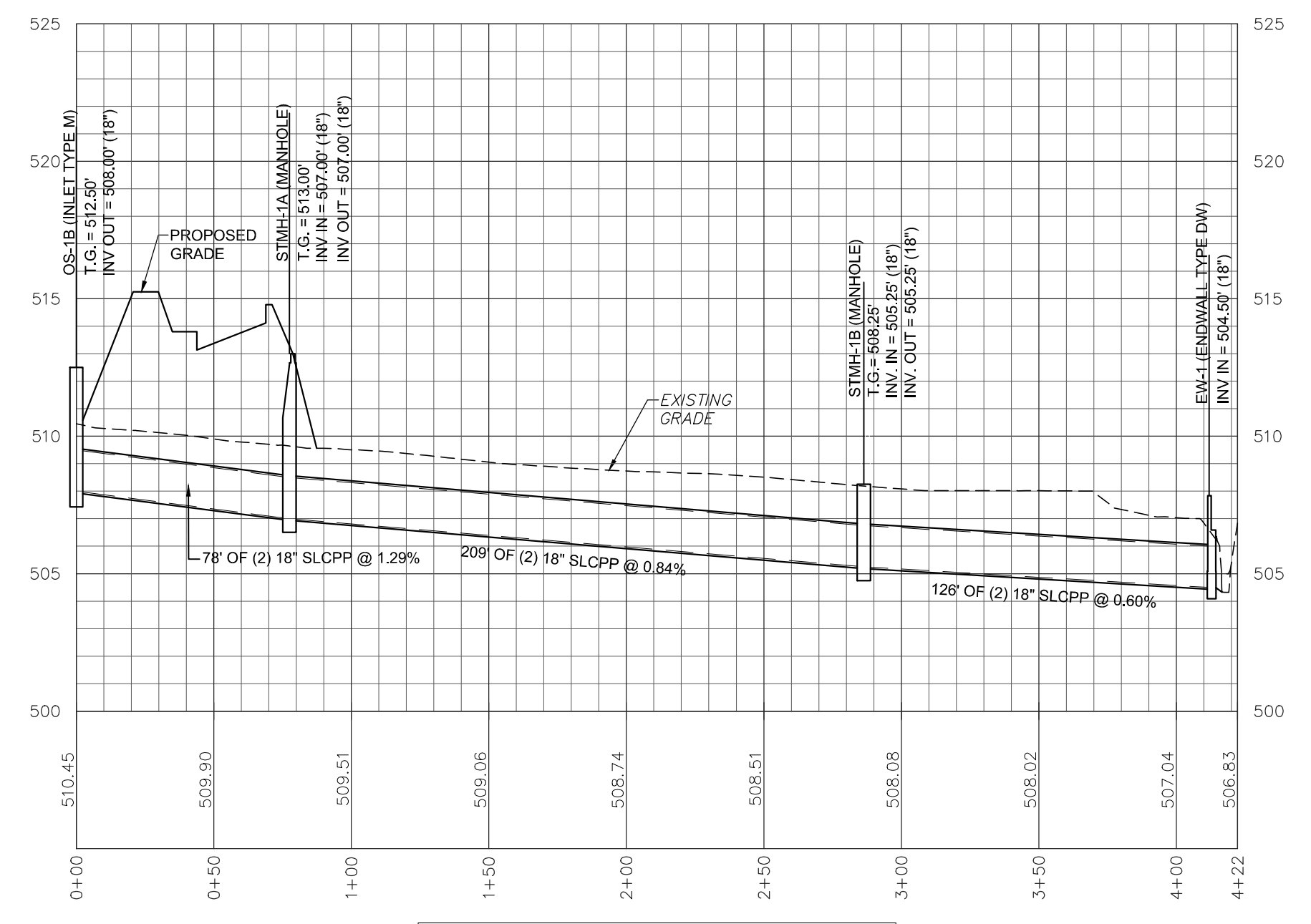
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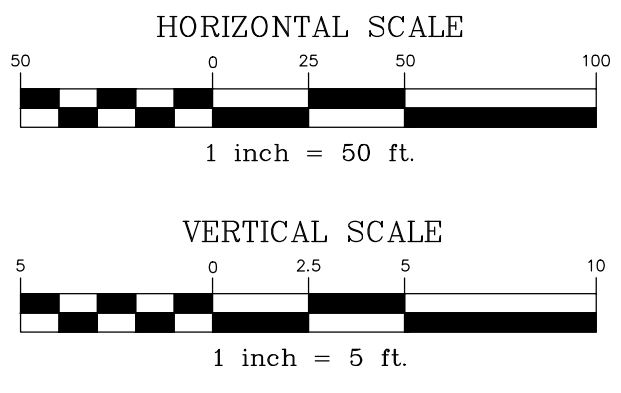
STORMWATER - I-20 TO EW-3



STORMWATER - I-20 TO EW-3 (CONT)



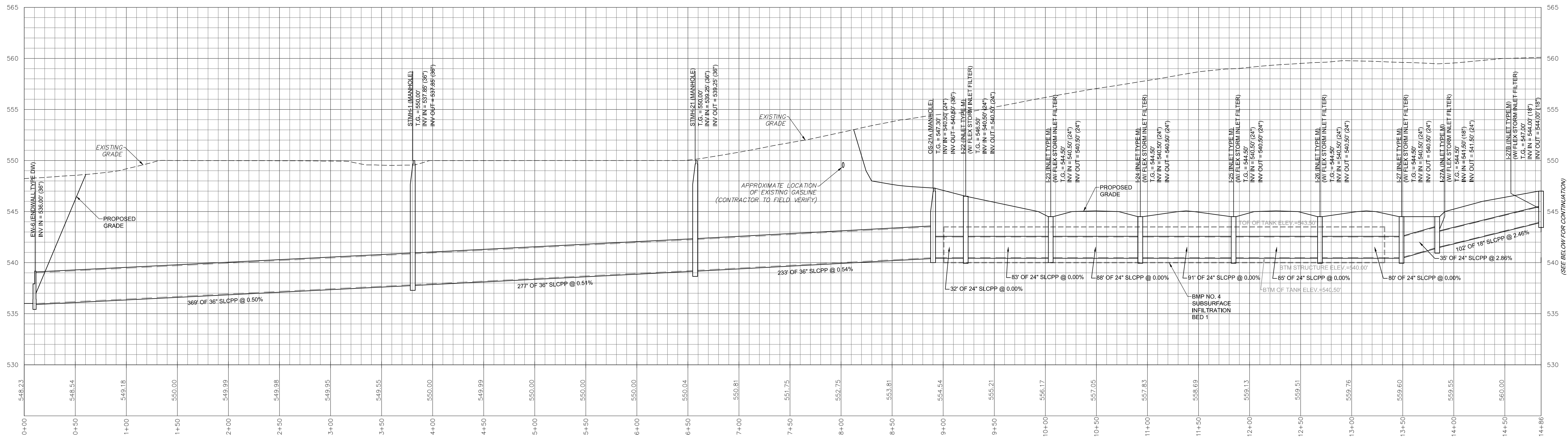
STORMWATER - OS-1B TO EW-1



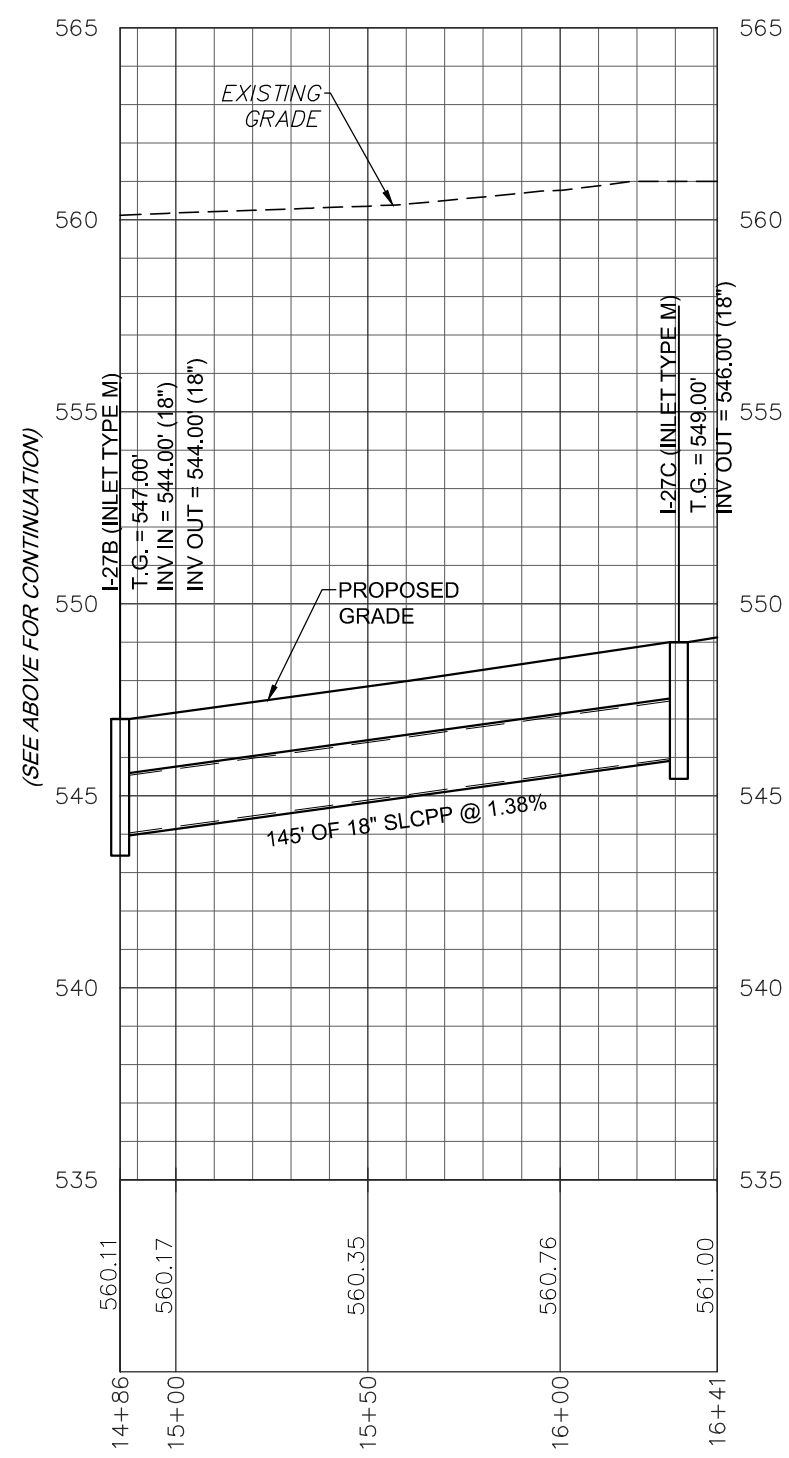
REVISION	DATE	BY
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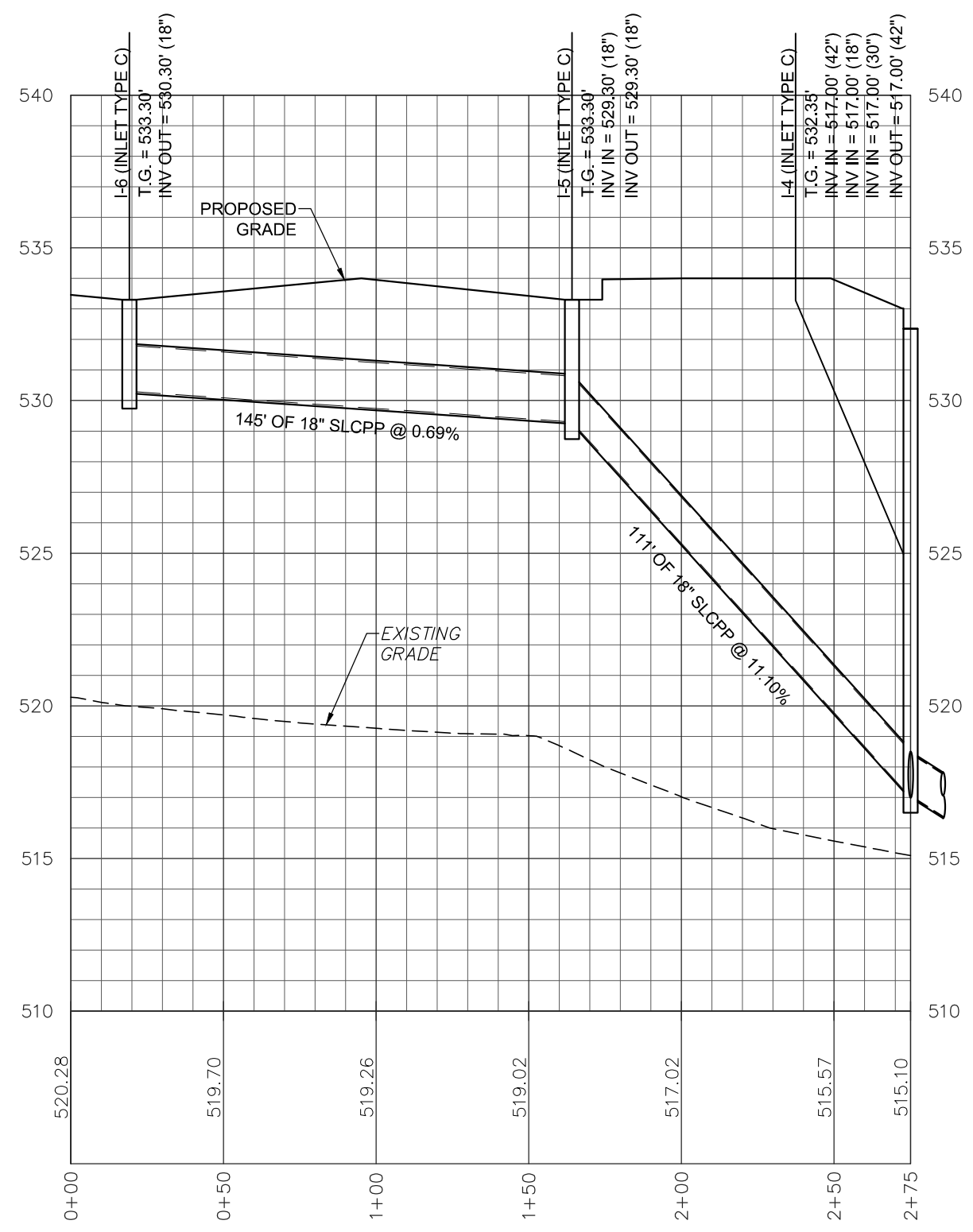
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BASE MAP:	MA
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CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	2214-22-001



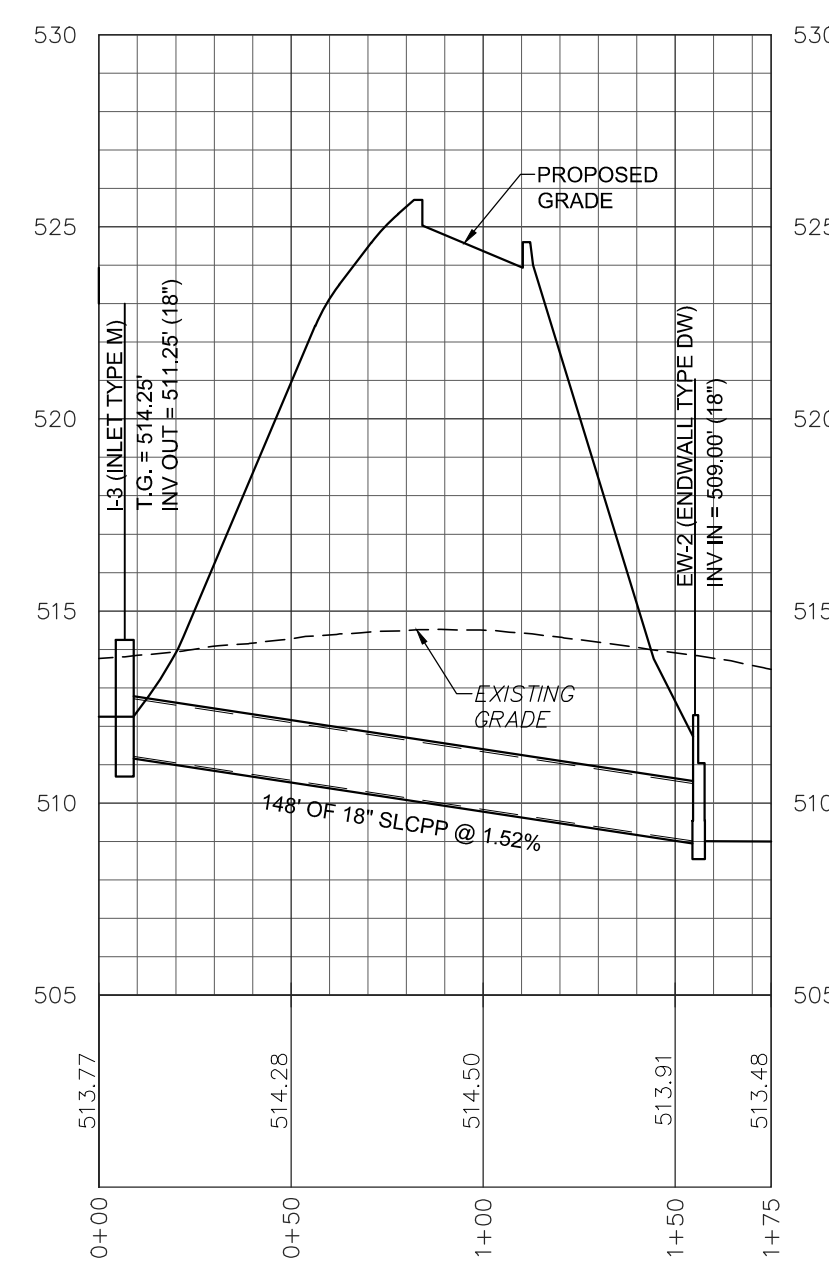
STORMWATER - I-27 TO EW-6



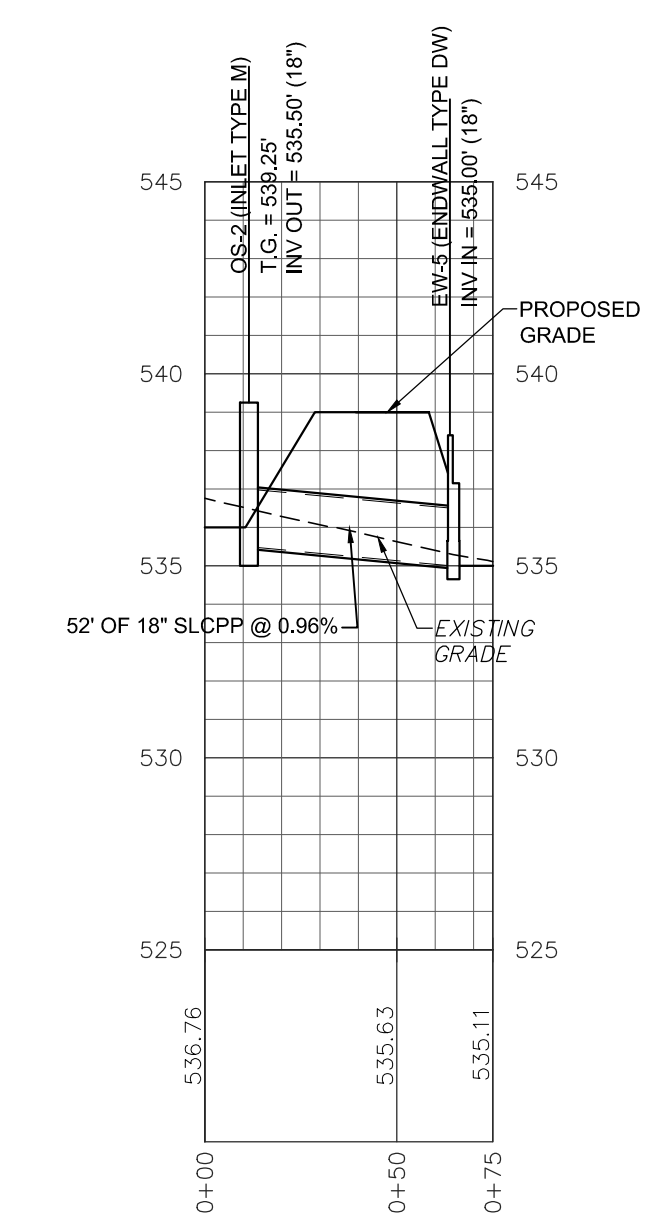
STORMWATER I-27 TO EW-6 (CON'T)



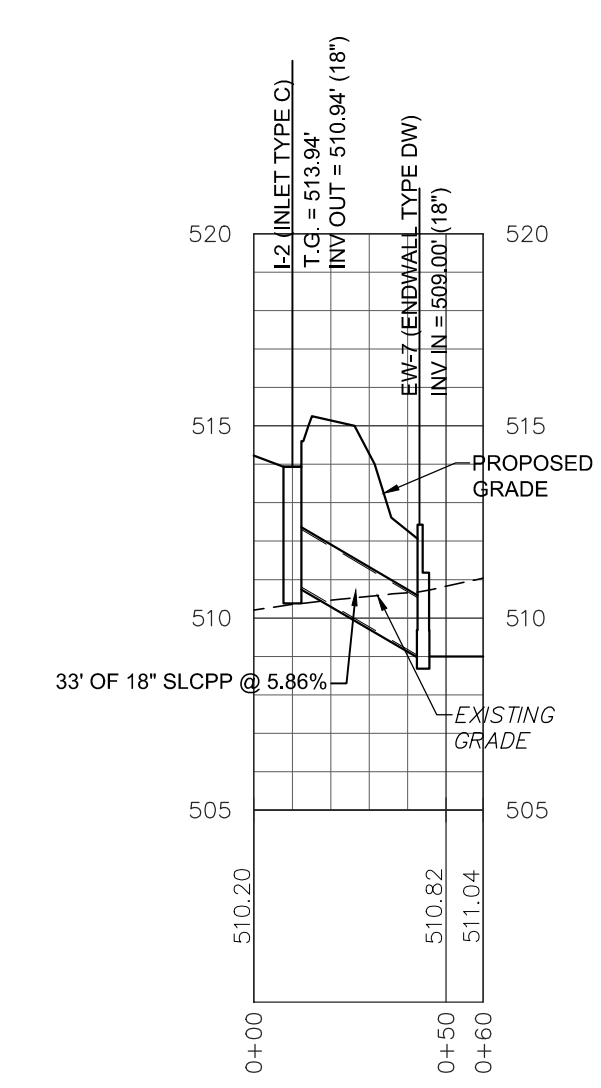
STORMWATER - I-6 TO I-4



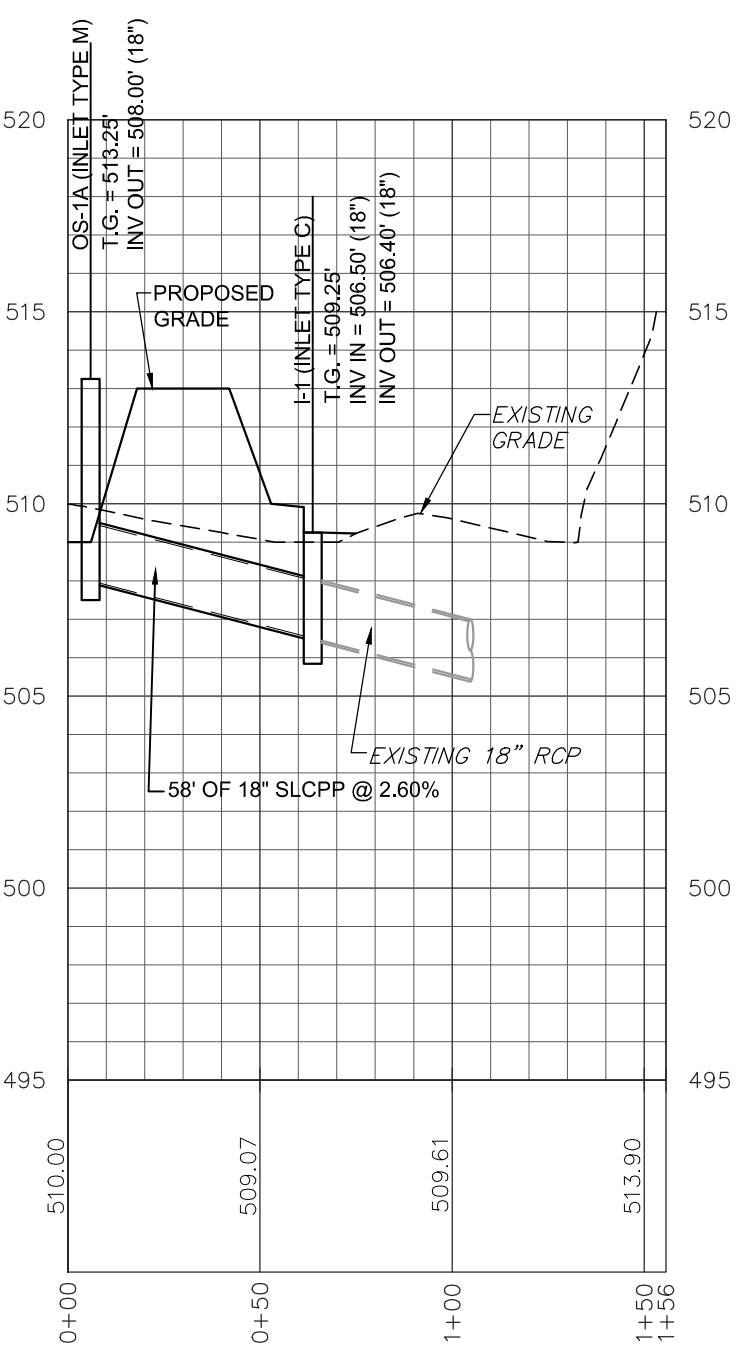
STORMWATER - I-3 TO EW-2



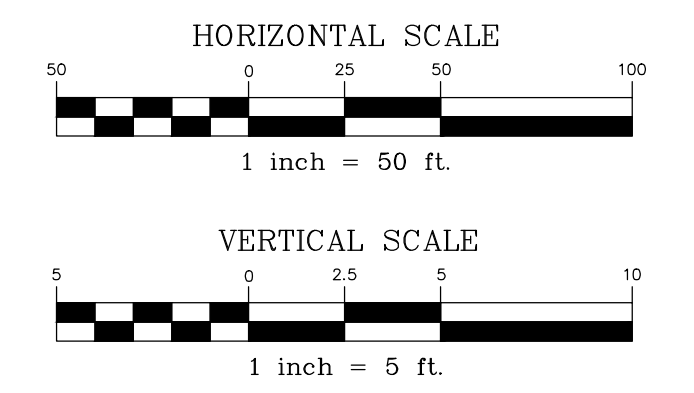
STORMWATER - OS-2 TO EW-5



STORMWATER - I-2 TO EW-7



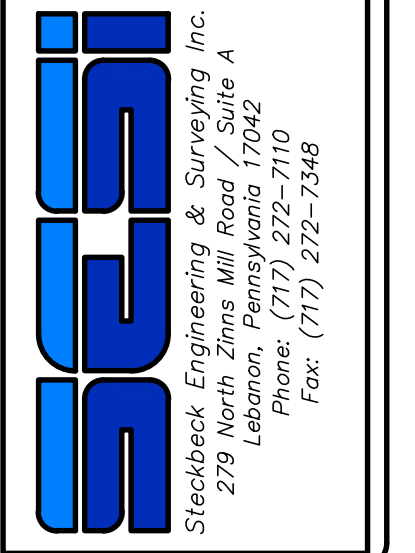
STORMWATER - OS-1A TO I-1



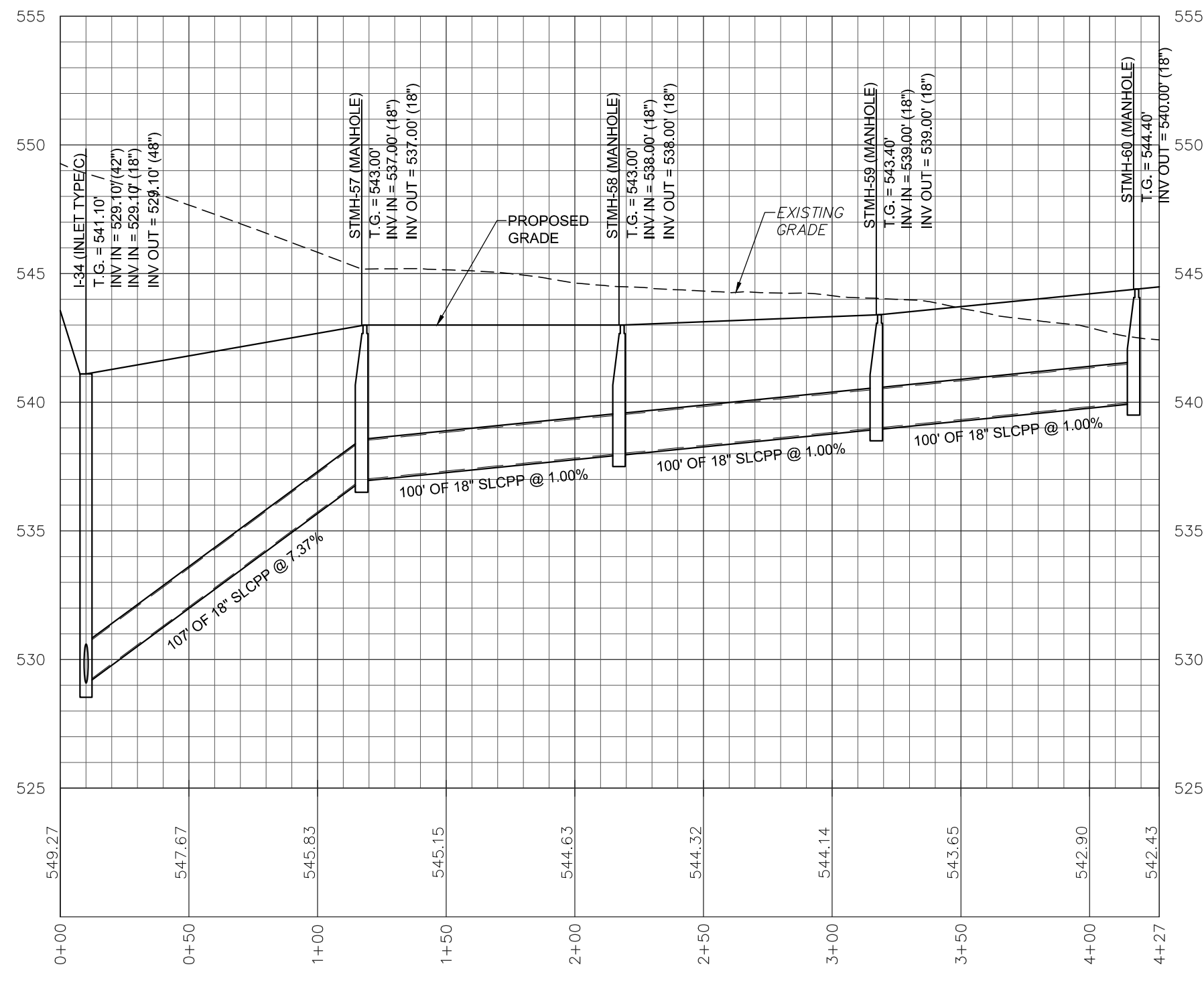
REVISION	DATE	BY

PROFILES

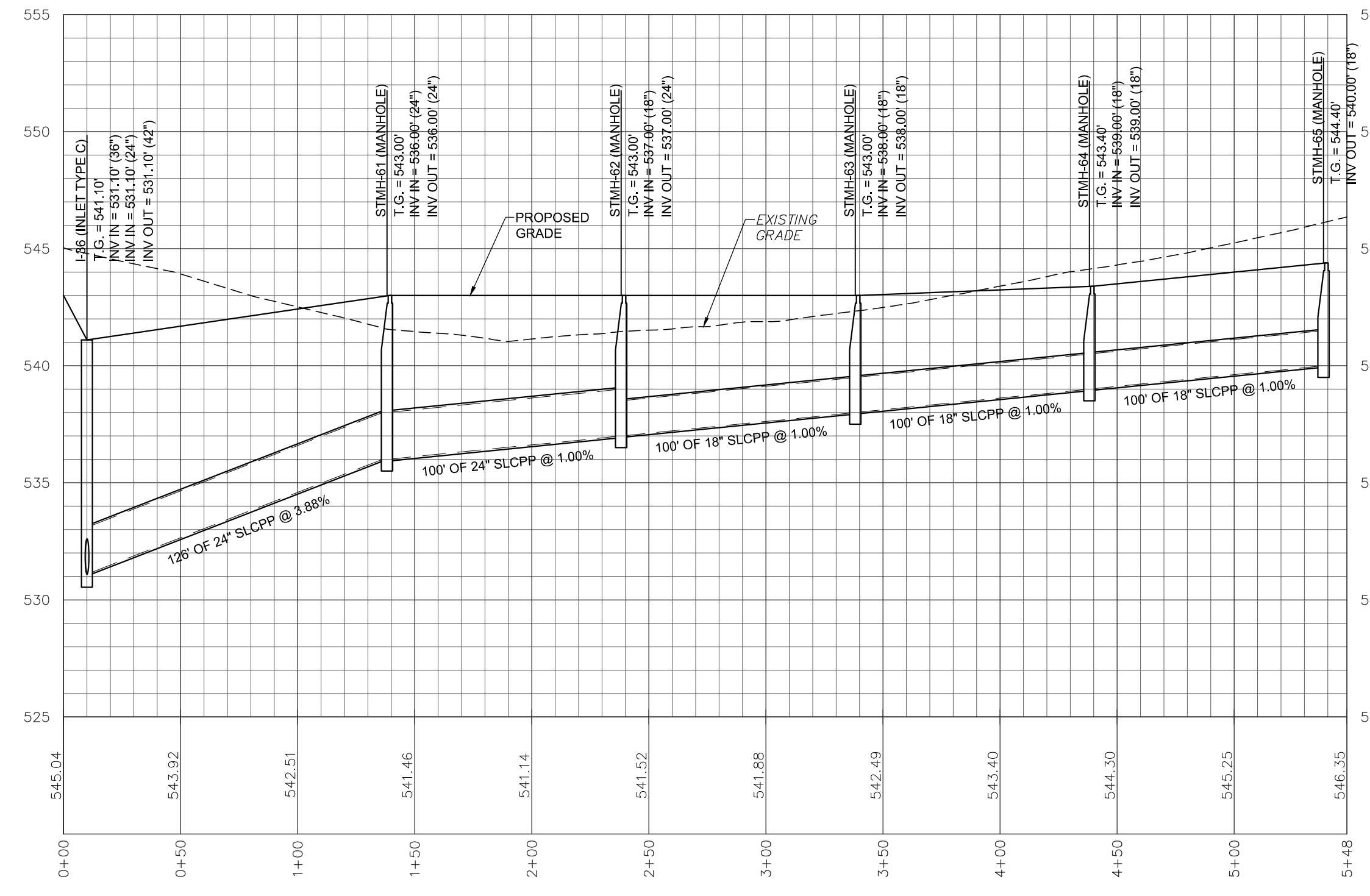
PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
For
NLT WAREHOUSE AND TRAILER STORAGE
located in
North Lebanon Township
Lebanon County, Pennsylvania



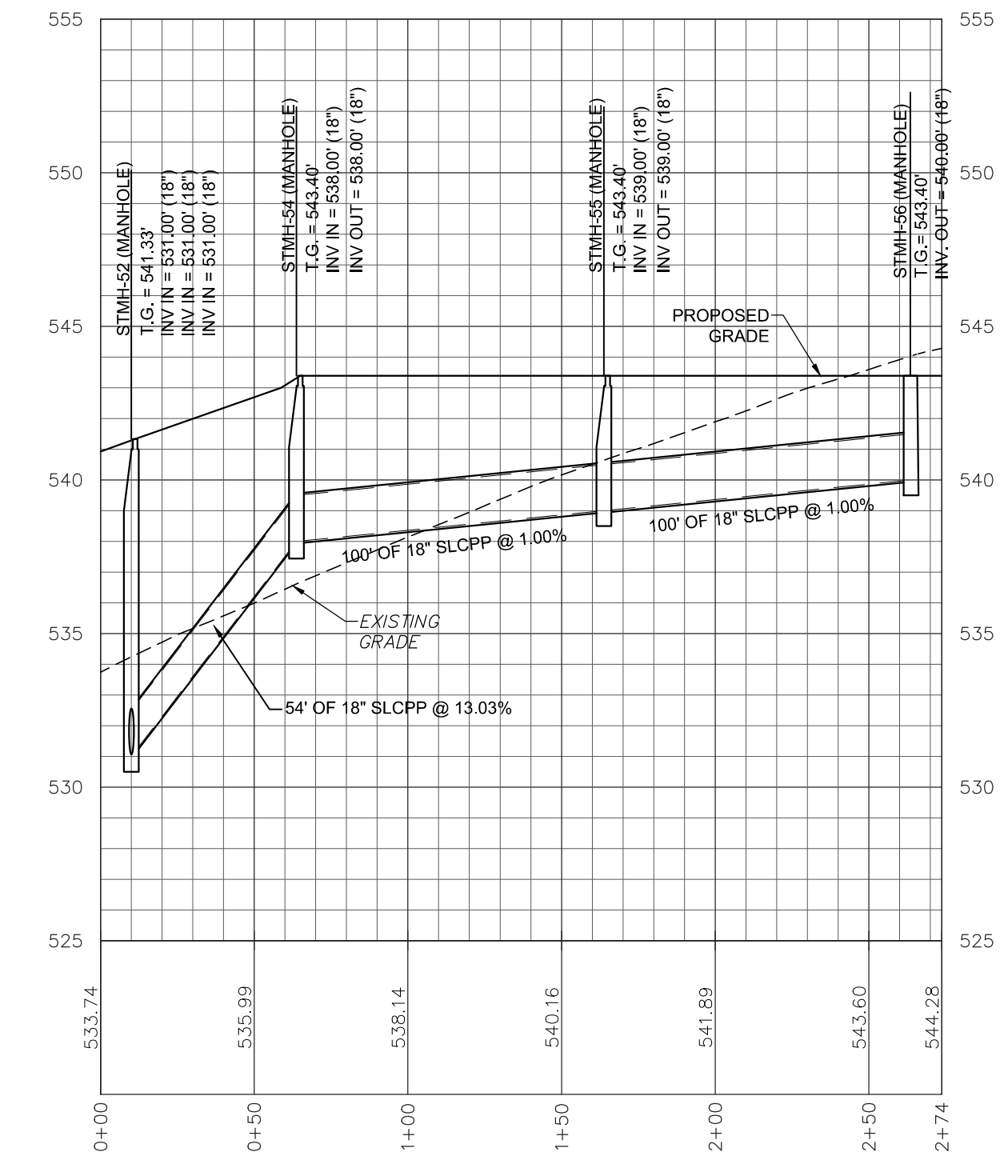
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BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	#2214-22-001



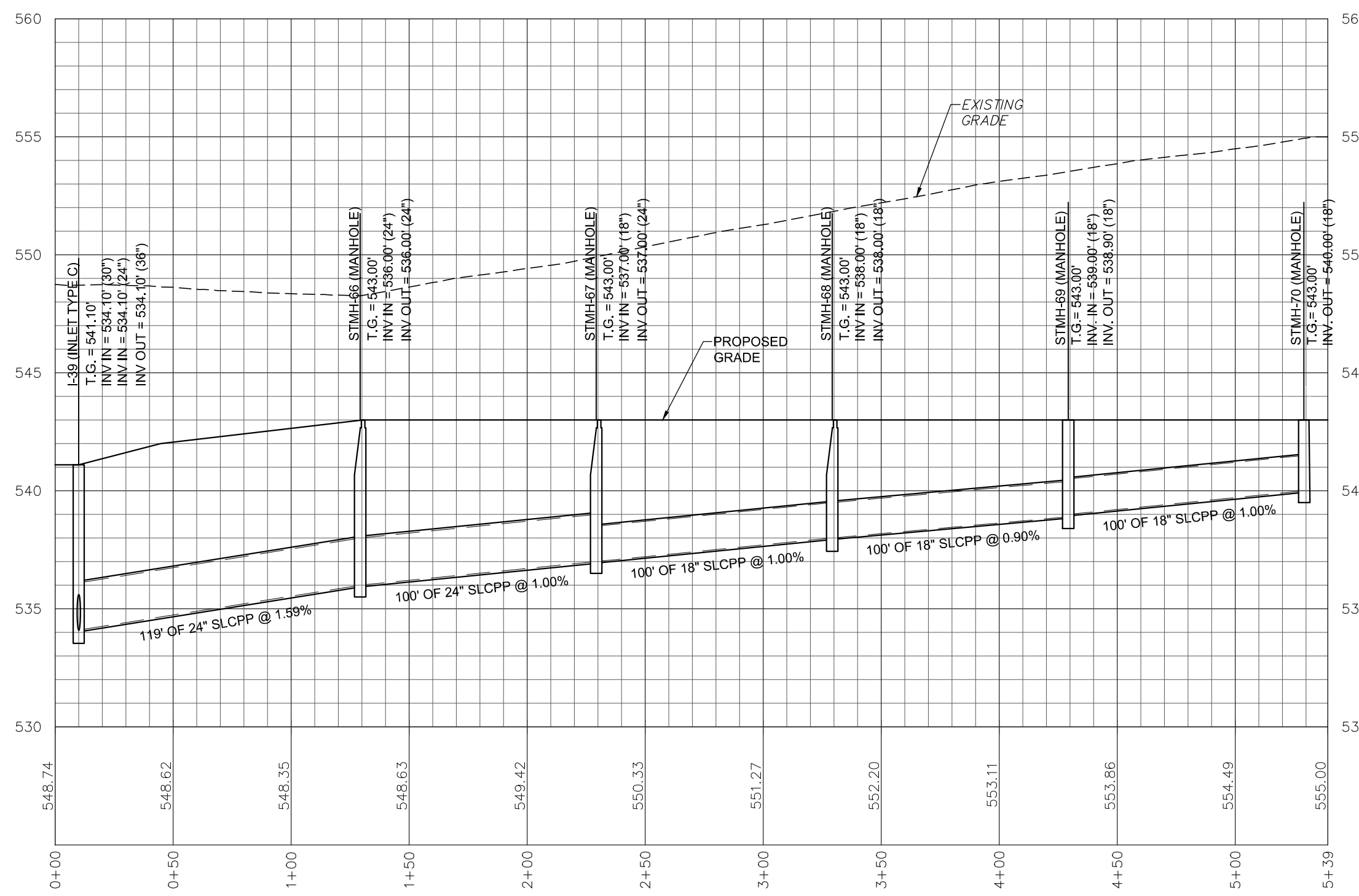
STORMWATER - I-34 TO STMH-60



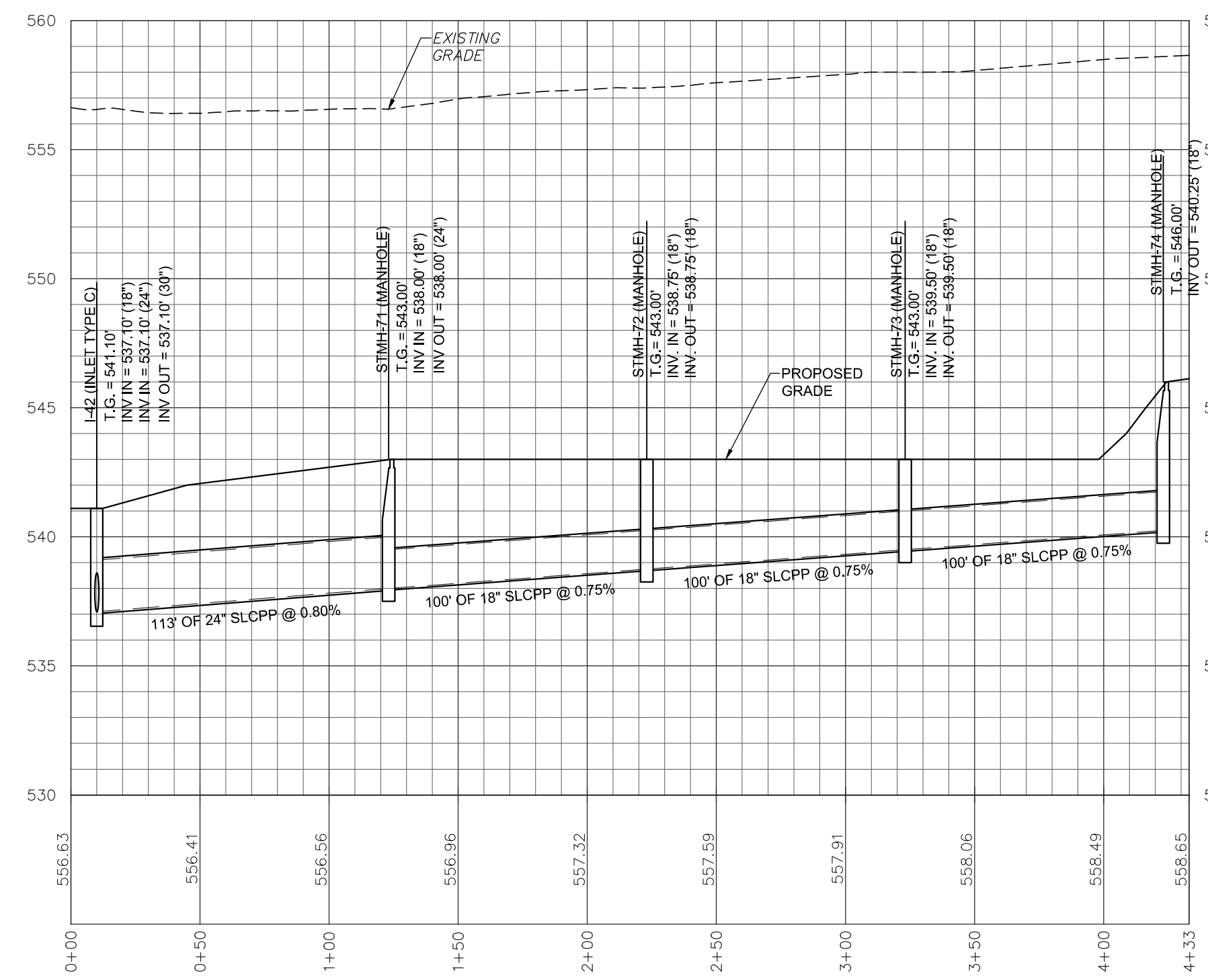
STORMWATER - I-36 TO STMH-65



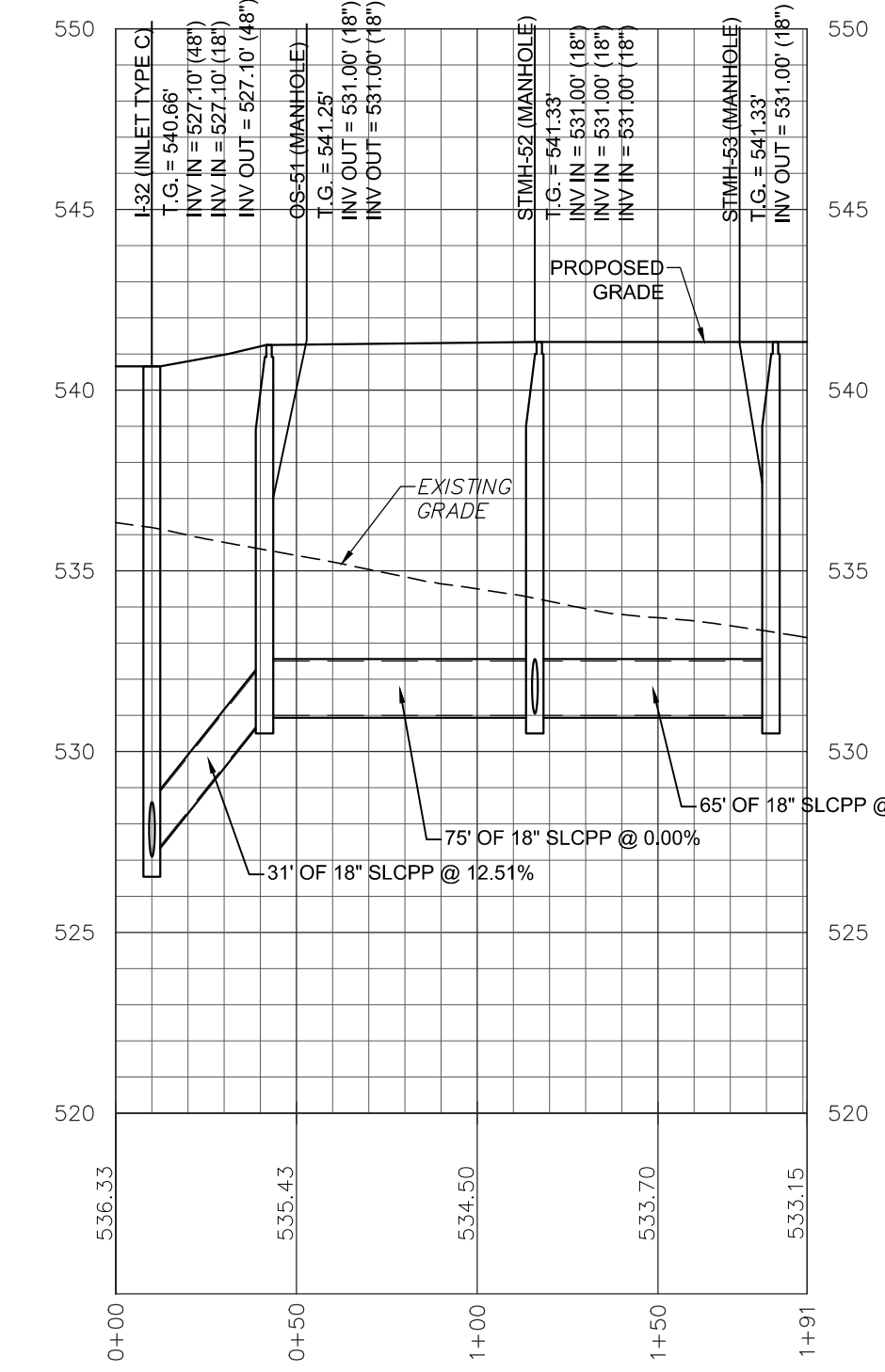
STORMWATER - STMH-52 - STMH-56



STORMWATER - I-39 TO STMH-70



STORMWATER - I-42 TO STMH-74

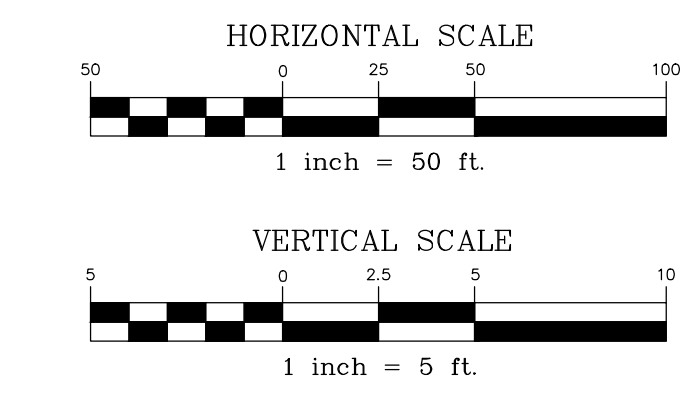


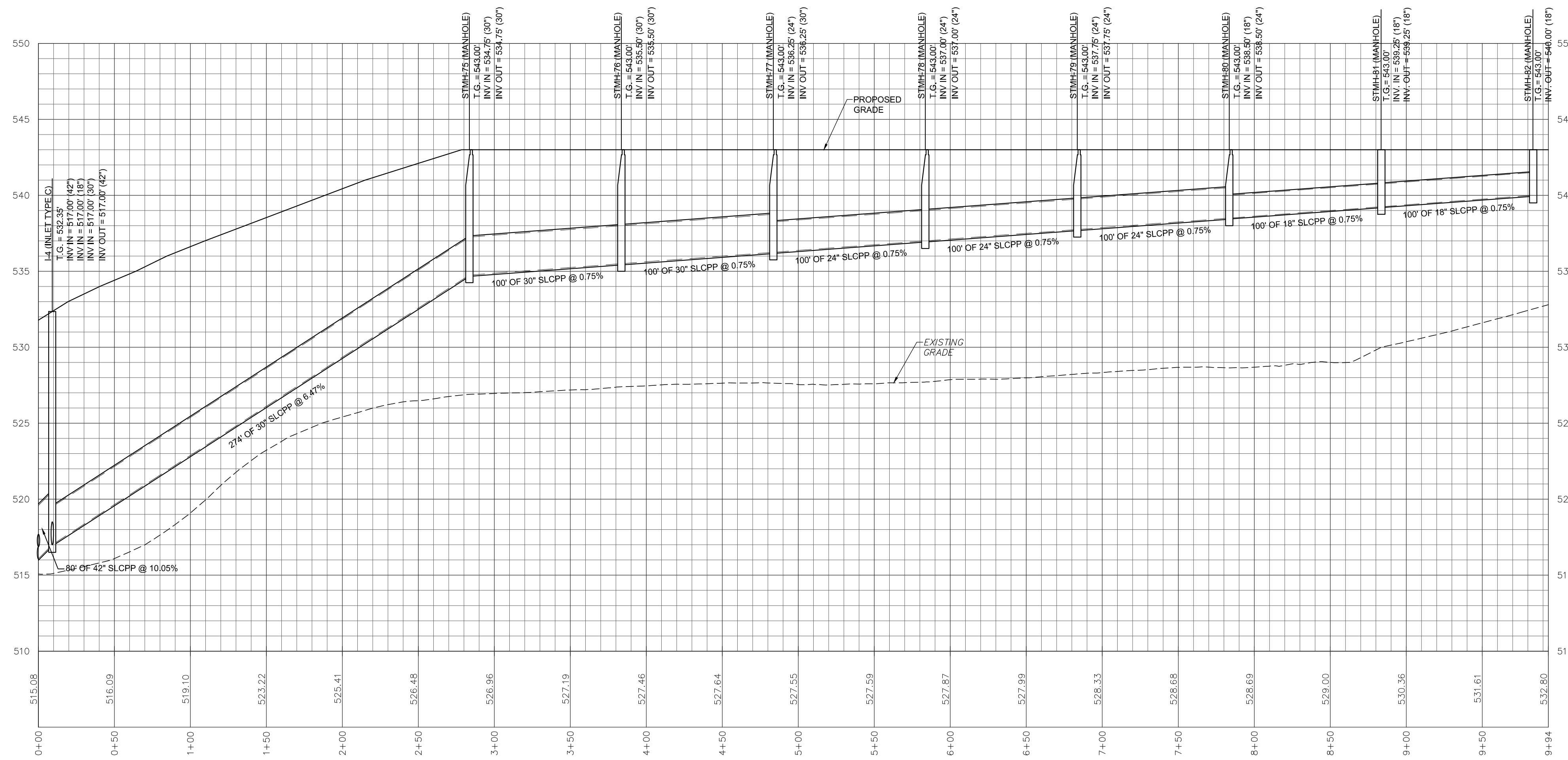
STORMWATER - I-32 TO STMH-53

REVISION	DATE	BY

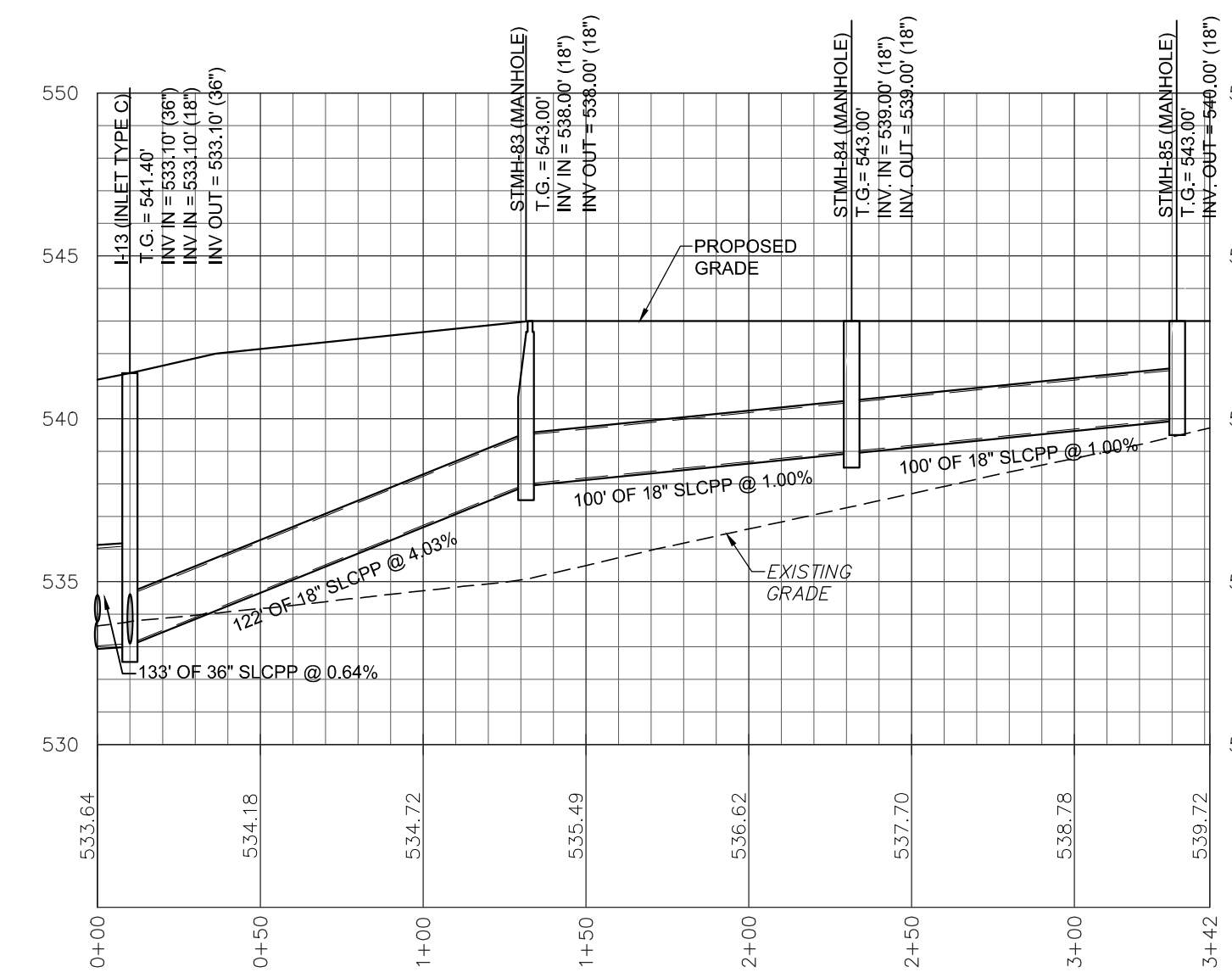
PROFILES
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
 NLT WAREHOUSE AND TRAILER STORAGE
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 North Lebanon Township
 Lebanon County, Pennsylvania

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	2214-22-001

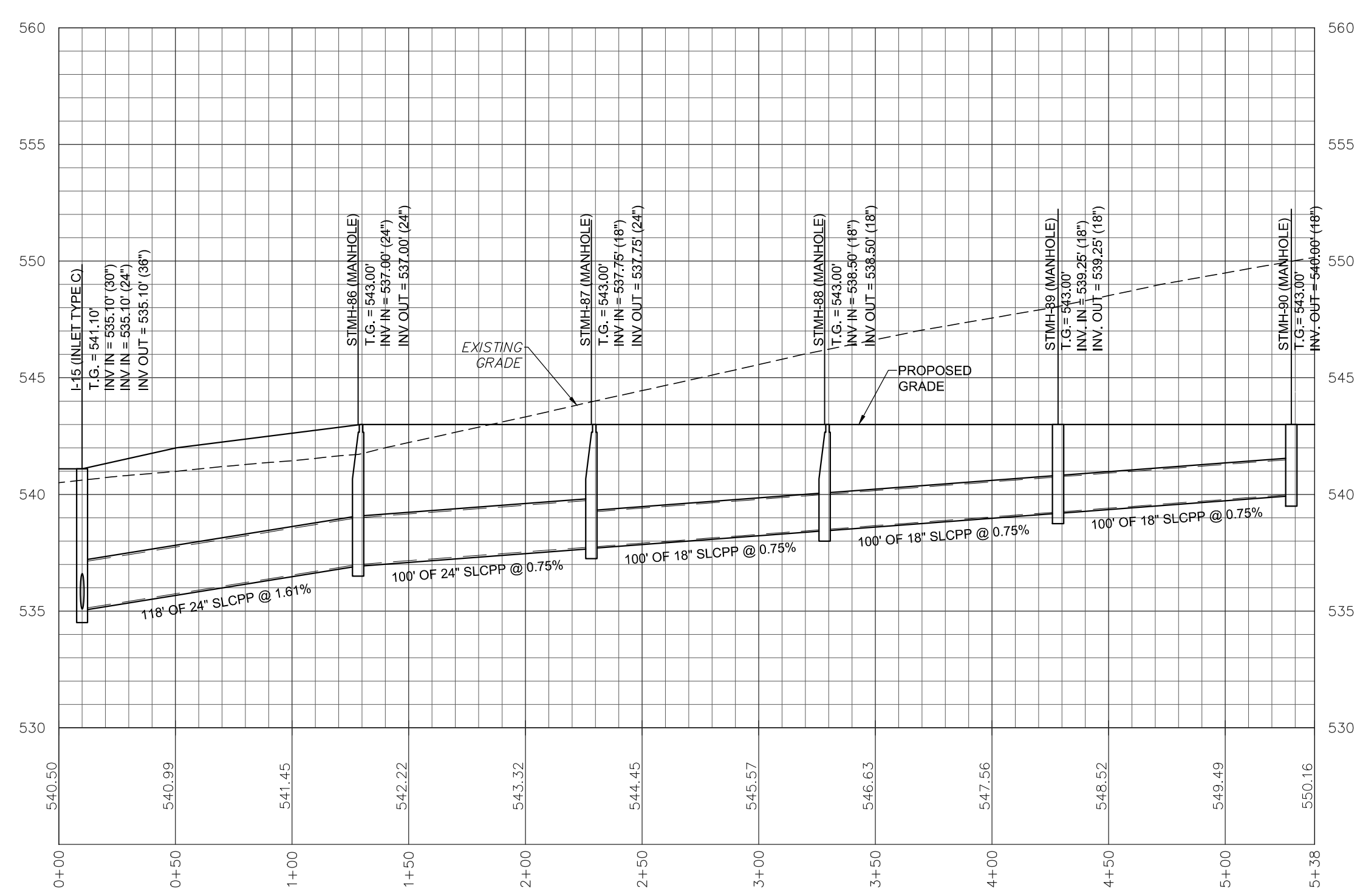




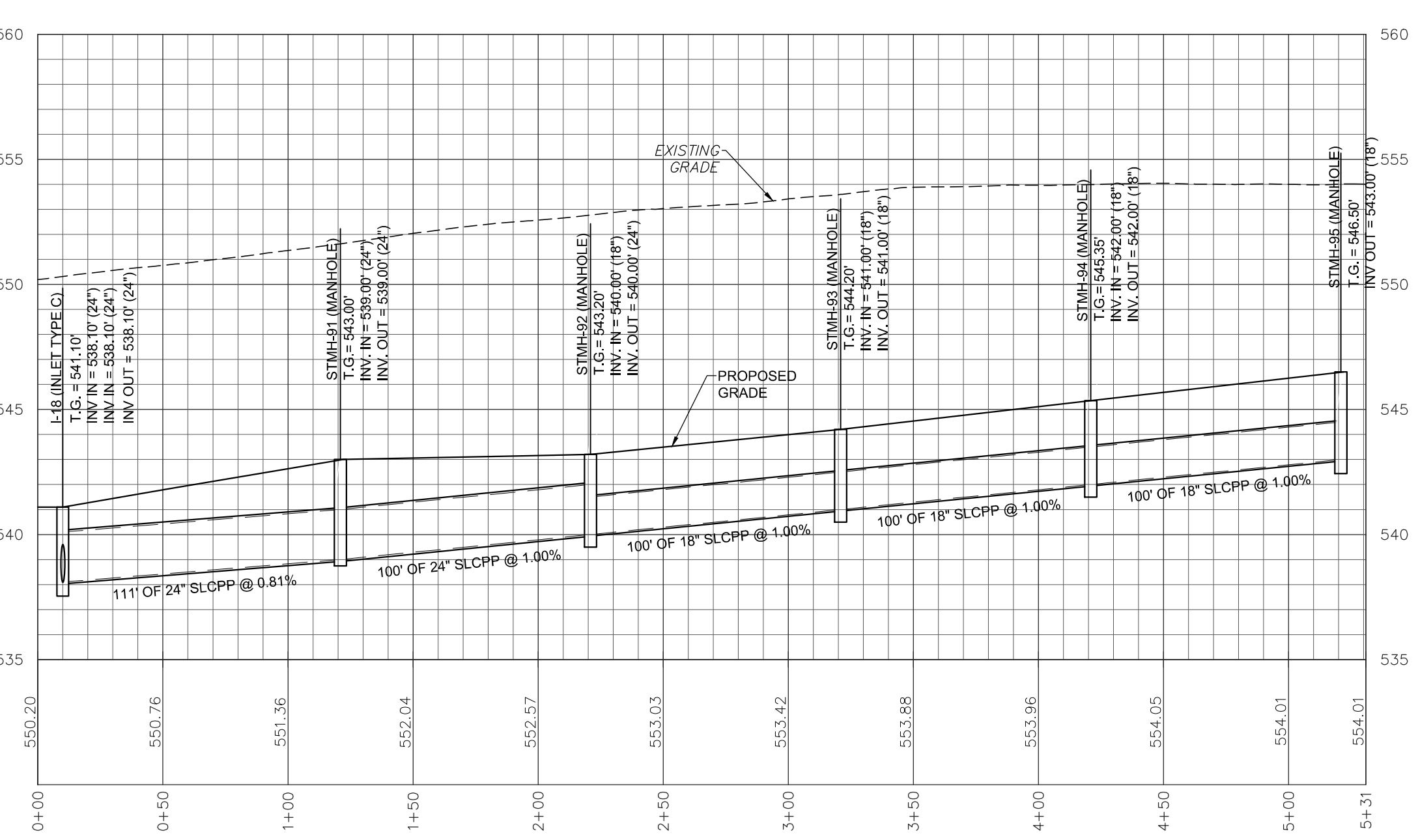
STORMWATER - I-4 TO STMH-82



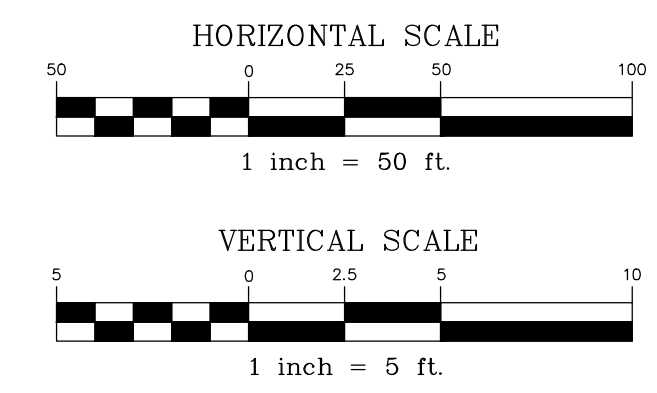
STORMWATER - I-13 TO STMH-85



STORMWATER - I-15 TO STMH-90



STORMWATER - I-18 TO STMH-90

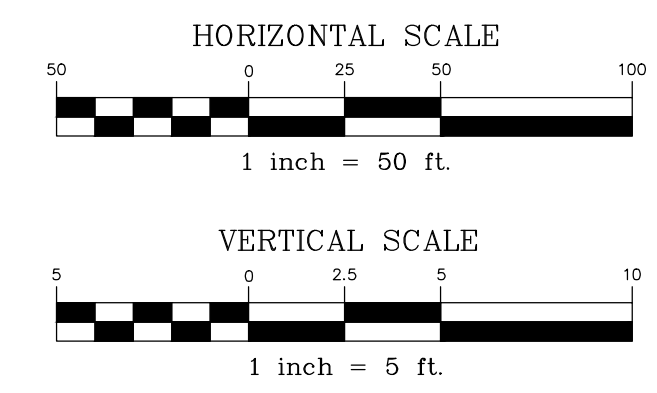
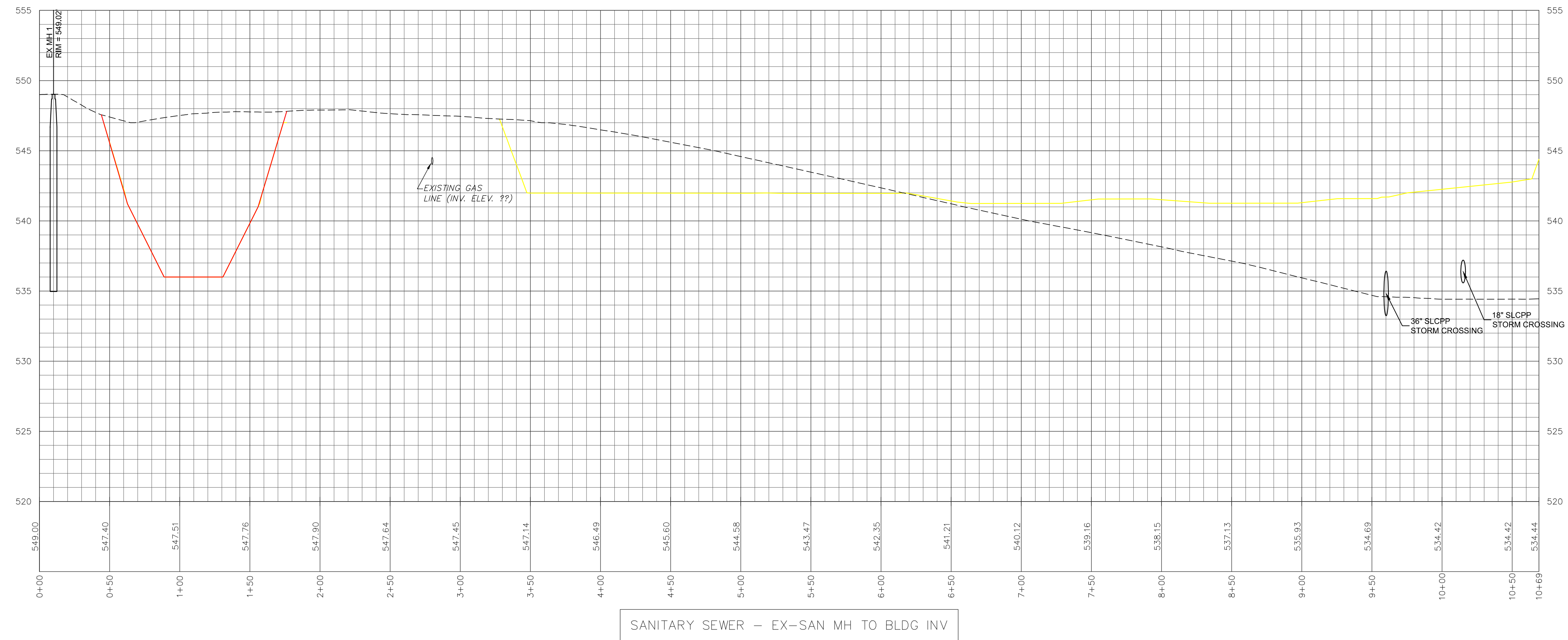


REVISION	DATE	BY
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PROFILES
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

SE
 Steadbeck Engineering & Surveying, Inc.
 279 North Lebanon Avenue, A
 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	#2214-22-001



REVISION	DATE	BY

PROFILES

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FIELD CREW:	TB/SS
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PROVIDE MATERIALS AND CONSTRUCTION MEETING THE REQUIREMENTS OF PUBLICATION 408, SECTION 305, 409, 630, 676 AND 694.

PROVIDE EXPANSION JOINT MATERIAL 13 (3") THICK WHERE CURB RAMP ADJACENT ANY ROAD PAVEMENT, SIDEWALK OR STRUCTURE WITH THE TOP OF JOINT FILLER FLUSH WITH ADJACENT CONCRETE SURFACE.

CONSTRUCT CURB RAMP WITH A MINIMUM 1220 X 1220 (4'-0" X 4'-0") CLEAR SPACE BEYOND THE CURB FACE. WITHIN THE WIDTH OF THE CROSSWALK AND WHOLLY OUTSIDE THE PARALLEL VEHICLE TRAVEL LANE. SEAL JOINTS WITH AN APPROVED SEALING MATERIAL.

PROVIDE SLIP RESISTANT TEXTURE ON CURB RAMP BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP. EXTEND TEXTURE TO THE FULL WIDTH AND LENGTH OF THE CURB RAMP INCLUDING FLARED SIDE RAMP. MODIFY CONSTRUCTION DETAILS TO ADAPT DIMENSIONS TO EXISTING CURB HEIGHTS WHERE THE CURB IS LESS THAN THE STANDARD 200 (8") HEIGHT.

CURB RAMP AND SIDE FLARE LENGTHS ARE VARIABLE AND BASED ON CURB HEIGHT AND THE SIDEWALK SLOPE. TO AVOID CHANGING GRADE INDEFINITELY WHEN TRAVELING THE HEIGHT OF CURB, RAMP LENGTH NOT TO EXCEED 4500 (15'-0"). ADJUST RAMP SLOPE AS NEEDED TO PROVIDE ACCESS TO THE MAXIMUM EXTENT FEASIBLE.

NON-WALK AREA IS AN OBSTRUCTED OR GRASS/NON-PAVED AREA ADJACENT TO THE PEDESTRIAN ACCESS ROUTE THAT IS NOT USED BY THE PEDESTRIAN FOR ACCESS.

THE DETAILS DEPICT PEDESTRIAN PUSHBUTTON POLES TO ILLUSTRATE THE RECOMMENDED PLACEMENT OF PEDESTRIAN PUSHBUTTONS. FOR ALTERNATE PROJECTS, PROVIDE ACCESS TO EXISTING PEDESTRIAN PUSHBUTTONS TO THE MAXIMUM EXTENT FEASIBLE. INSTALL PEDESTRIAN PUSHBUTTON STUB POLES, WHERE APPLICABLE, 5P AS NOT TO CREATE PEDESTRIAN OBSTRUCTIONS.

ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE NOTED. USE CUSTOMARY UNITS IN PARENTHESES.

ALIGN DETECTABLE WARNING SURFACE TRUNCATED DOMES ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF THE RAMP AND PERPENDICULAR TO CURB.

PROVIDE DETECTABLE WARNING SURFACE (DWS) 610 (24") MINIMUM (IN THE DIRECTION OF PEDESTRIAN TRAVEL) ACROSS FULL WIDTH OF RAMP AT THE CURB BEARING BEAR STREET EDGE. PROVIDE DWS THAT CONTRAST VISUALLY WITH ADJACENT WALKWAY SURFACES. EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT FOR THE FULL WIDTH OF RAMP.

FOR NEW CONSTRUCTION, DO NOT EXCEED 2.00% CROSS SLOPE ON THE CURB RAMP OR PEDESTRIAN ACCESSIBLE ROUTE.

FOR NEW CONSTRUCTION AND ALTERATIONS, CONSTRUCT CURB RAMP AND FLARE SLOPES WITH THE FLATTEST SLOPE POSSIBLE. THE SLOPES INDICATED IN THE DETAILS SHOW THE MAX SLOPE ALLOWABLE. SLOPES THAT EXCEED THOSE INDICATED IN THE DETAILS, OR CONTRACT DOCUMENTS AS APPLICABLE, WILL NOT BE ACCEPTED AND WILL BE RECONSTRUCTED.

CONSTRUCT SIDEWALKS AT A LONGITUDINAL SLOPE NOT TO EXCEED 5.00% FOR ROADWAY PROFILE SLOPES THAT EXCEED 5.00% CONSTRUCT PARALLEL SIDEWALKS ADJACENT TO ROADWAY AT A LONGITUDINAL SLOPE NOT TO EXCEED ROADWAY PROFILE SLOPE.

THE CHANGE IN GRADE AT THE BOTTOM OF THE CURB RAMP AND ADJOINING ROAD SURFACE IS NOT TO EXCEED AN ALGEBRAIC DIFFERENCE OF 11.00%. THE COUNTER SLOPE OF THE GUTTER OR ROAD AT THE FOOT OF A CURB RAMP. LANDING OR BLENDED TRANSITION IS NOT TO EXCEED 5.00%. SEE SHEET 8 FOR DETAILS.

THE CONSTRUCTION STANDARDS DEPICTED ARE MOST APPROPRIATE FOR NEW CONSTRUCTION. ALL CONSTRUCTION MUST MEET THE STANDARDS CONTAINED HEREIN UNLESS OTHERWISE NOTED OR DIRECTED.

ALL SLOPES ARE MEASURED WITH RESPECT TO A LEVEL PLANE. THEREFORE, THE LENGTH OF RAMP IS NOT SLEWLY DEPENDANT ON THE HEIGHT OF CURB. (FOR EXAMPLE, A 150 (6") CURB DOES NOT NECESSARILY MEAN A RAMP LENGTH OF 1830 (6'-0") FOR A 12:1 (1:12) SLOPE.

SEWELINE WIDTH MAY BE REDUCED TO 1220 (4'-0"), WHEN PASSING AREAS 1525 X 1525 (5'-0" X 5'-0") ARE PROVIDED EXIST 61 METERS (200').

THE TRAVEL LANE IS DEFINED BY THE OUTSIDE EDGE OF THE WHITE PAVEMENT MARKING LINE. IF A WHITE PAVEMENT MARKING LINE DOES NOT EXIST, THE TRAVEL LANE IS DEFINED BY THE CONTRACT DOCUMENTS.

CONSTRUCT DEPRESSED CURB FOR CURB RAMP FLUSH TO ADJACENT ROADWAY. GRADE EDGE OF ROAD ELEVATIONS AT THE FLOW LINE TO ENSURE POSITIVE DRAINAGE AND PREVENT PONDING. FOR LEVEL LANDINGS BEHIND DEPRESSED CURB, ADJUST SLOPES TO PROVIDE POSITIVE DRAINAGE.

CHEEK WALLS ARE PERMITTED WHEN ADJACENT TO NON-WALK AREAS OR ELEVATION DIFFERENCES CANNOT BE ACCOMMODATED BY FLARES OR GRADING. GRADE GRASS AREAS OR OTHER NON-WALK AREAS AT 3:1 (1:3) MAXIMUM. DO NOT INSTALL CHEEK WALLS THAT INTERSECT THE PEDESTRIAN ACCESS ROUTE.

CONSTRUCT TOP OF PLAIN CEMENT CONCRETE DEPRESSED CURB TO BE FLUSH WITH ADJACENT SURFACES (RAMPS, SIDEWALKS, FLARES).

FOR CURB RAMP THAT LEAD TO A SINGLE CROSSWALK, THE RAMP (EXCLUDING FLARES) TO BE FULLY INSIDE OF MARKED CROSSWALK LINES. SEE SHEET 7 FOR DETAILS.

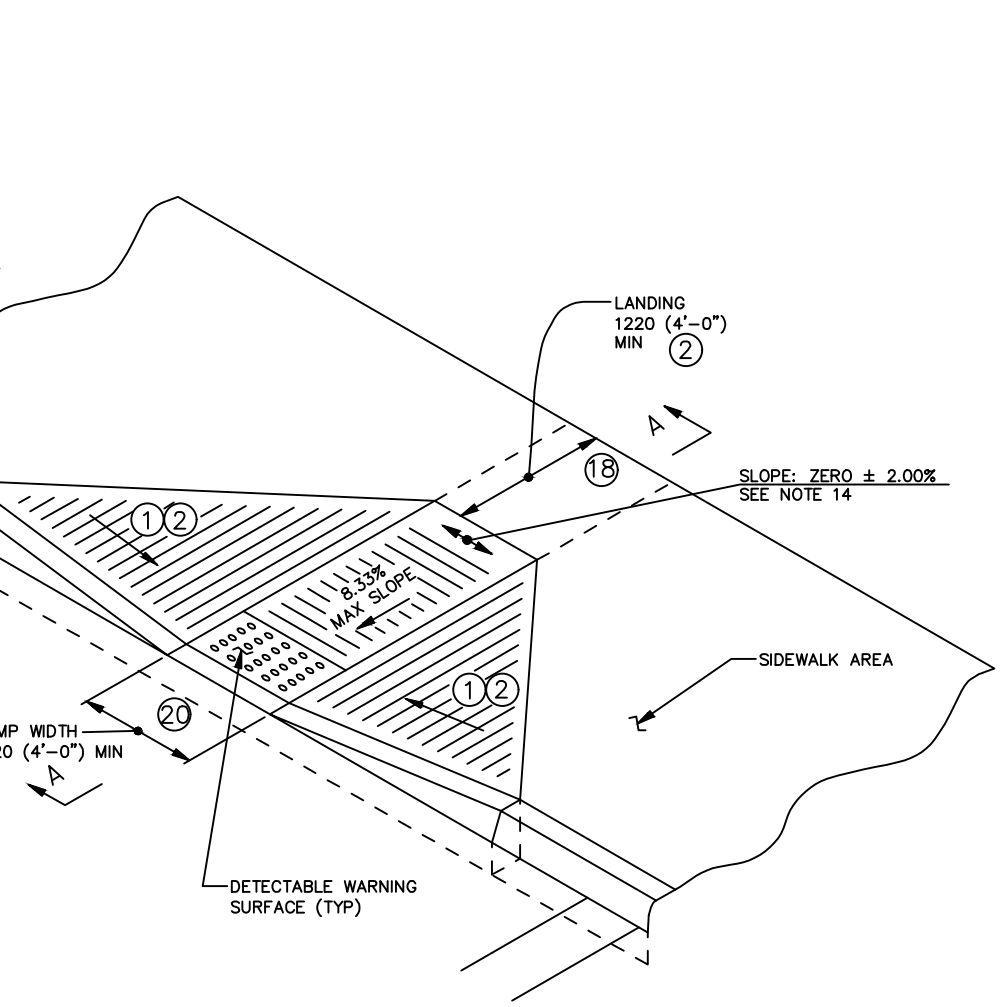
A 1220 (4'-0") MAXIMUM DIGITAL DISPLAY LEVEL WILL BE USED TO VERIFY THE SLOPES OF CURB RAMP AND SIDEWALKS.

1) SIDE FLARES 10.00% MAX SLOPE

2) IF THE LANDING IS INDICATED TO BE LESS THAN 1220 (4'-0"), CONSTRUCT SIDE FLARES 8.33% MAX SLOPE.

3) CURB RAMP REQUIRE A 1220 (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIAN TURNING MANEUVERS. SEE DETAILS FOR LOCATIONS AND DIMENSIONS.

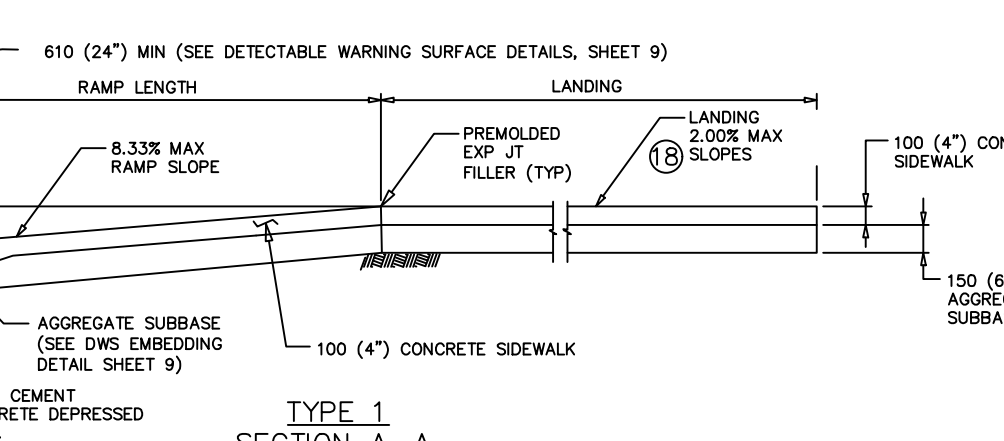
4) CONSTRUCT DEPRESSED CURB TO MATCH ROADWAY PROFILE AND HAVE A FLUSH CONNECTION. DO NOT EXCEED 3.00% PER 305 (1'-0") CROSS SLOPE RATE OF CHANGE WHEN TRANSITIONING FROM LEVEL LANDING TO ROADWAY PROFILE. A TECHNICALLY INFEASIBLE FORM IS REQUIRED WHEN RAMP CROSS SLOPE EXCEEDS 2.00%.



TYPE 1 CURB RAMP

PERCENT SLOPE	EQUIVALENT SLOPE
10.00%	10:1 (1:10)
8.33%	12:1 (1:12)
7.14%	14:1 (1:14)
5.00%	20:1 (1:20)
2.00%	50:1 (1:50)
1.00%	100:1 (1:100)

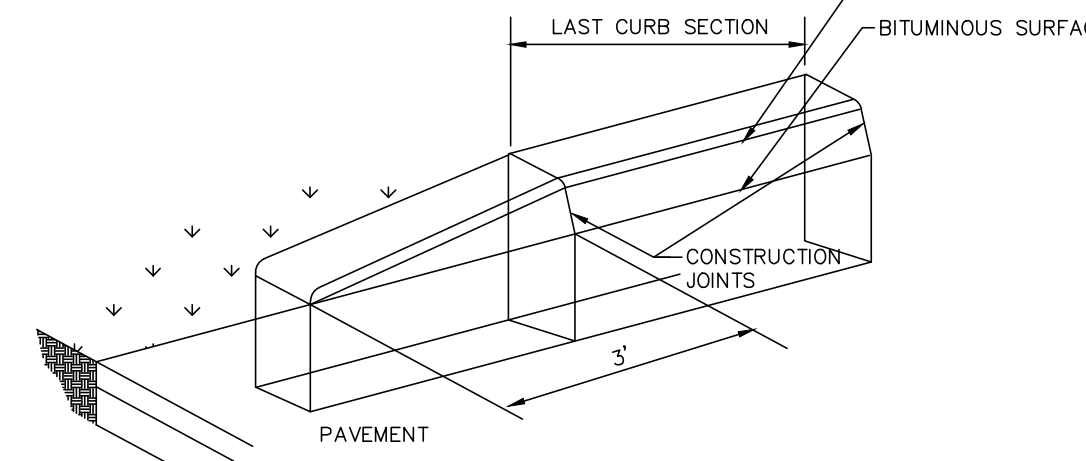
EQUIVALENT SLOPES



TYPE 1 SECTION A-A

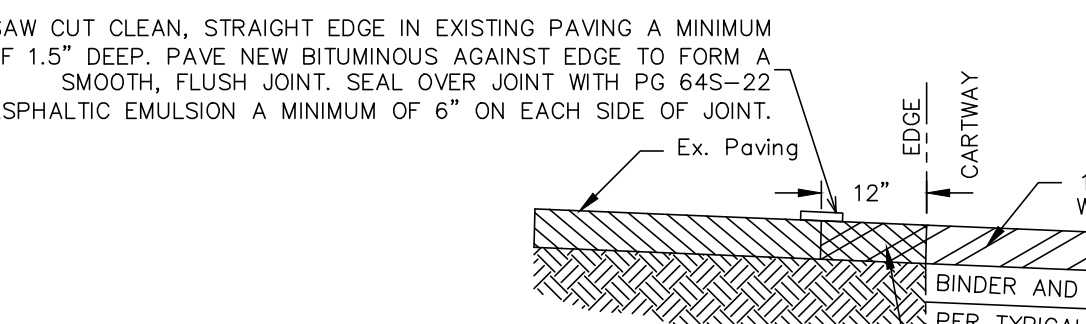
TYPE 1 CURB RAMP DETAIL (PENNDOT RC-67M)

NO SCALE



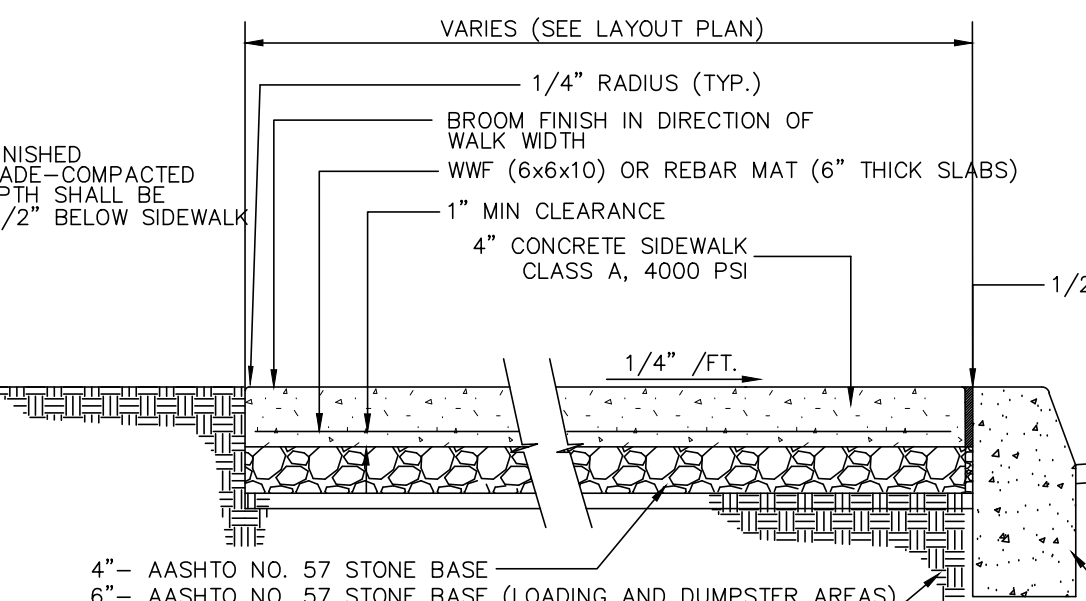
CURB TERMINAL END SECTION DETAIL

NO SCALE



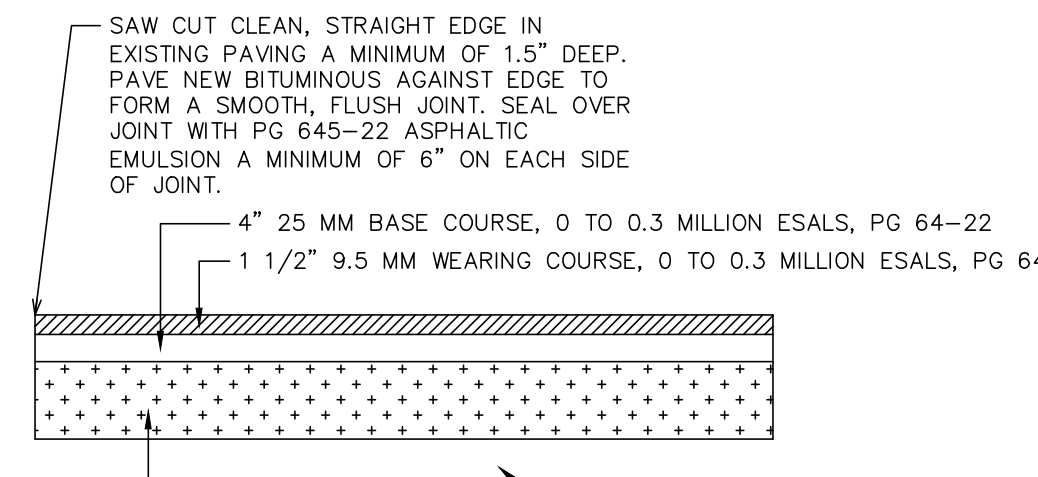
PAVEMENT NOTCH DETAIL

NO SCALE



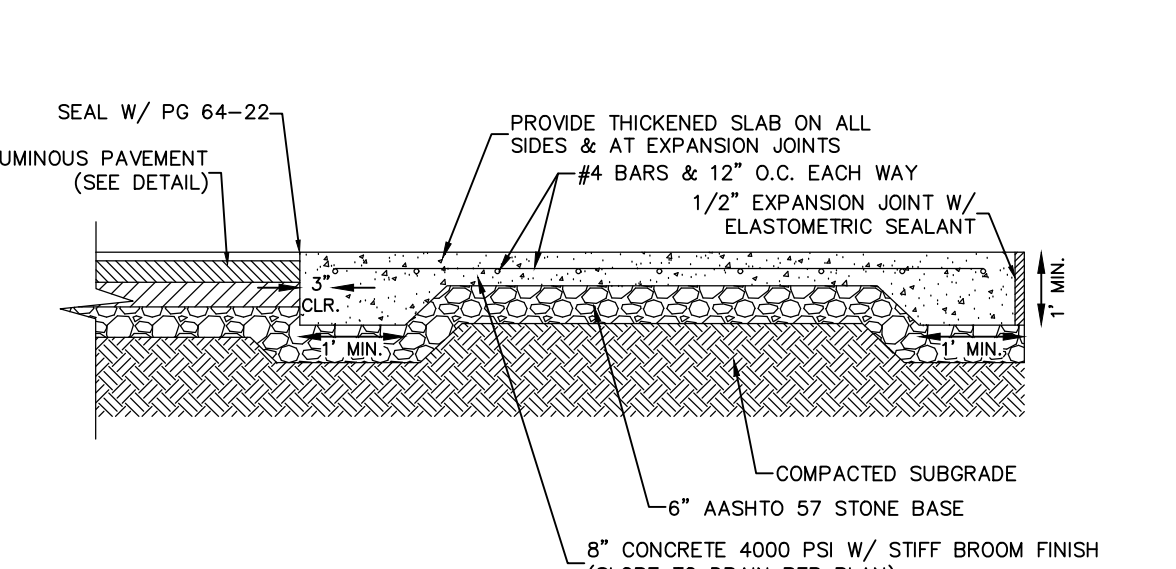
CONCRETE SIDEWALK DETAIL

NO SCALE



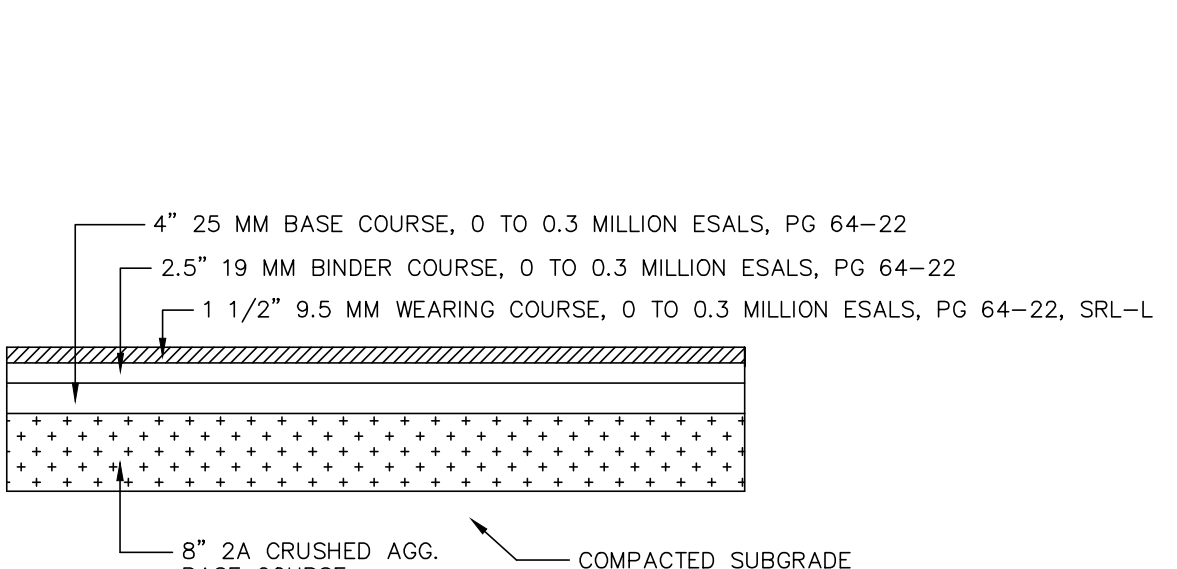
BITUMINOUS PAVEMENT CROSS SECTION (EMPLOYEE PARKING LOT ONLY)

NO SCALE



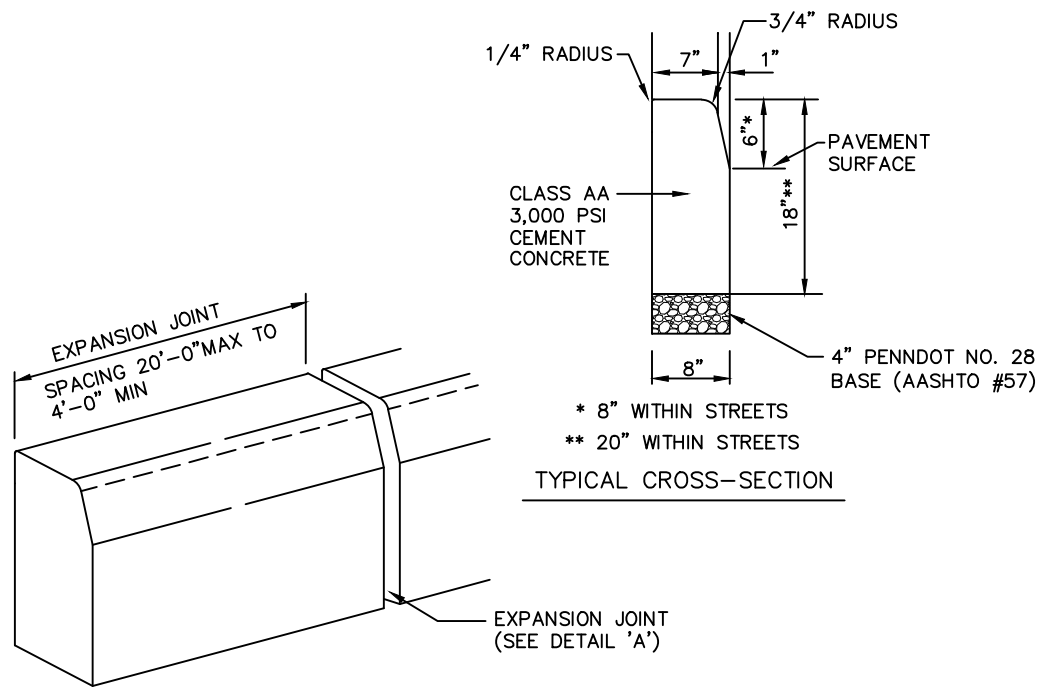
CONCRETE DUMPSTER PAD/ LOADING AREA DETAIL

NO SCALE



HEAVY DUTY PAVEMENT CROSS SECTION

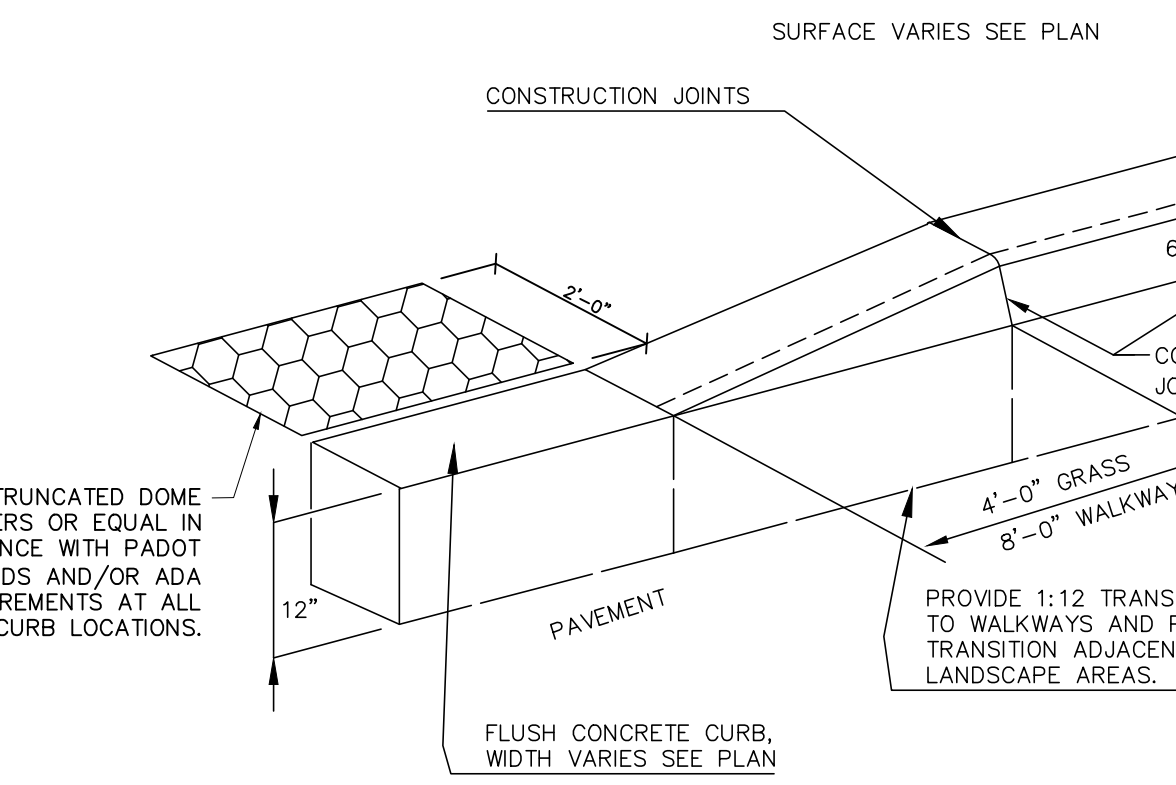
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PLAIN CEMENT CONCRETE CURB

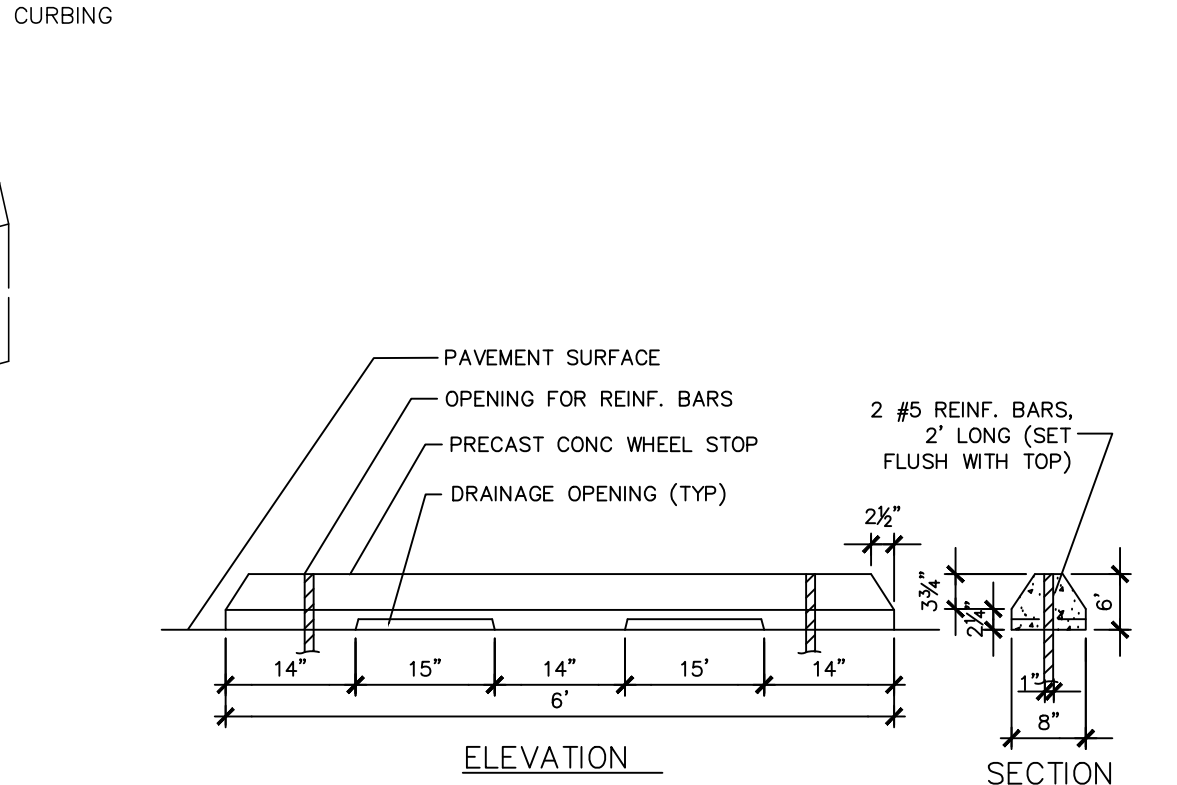
NO SCALE

- NOTES:
- MATERIALS AND CONSTRUCTION SHALL MEET THE REQUIREMENTS OF PUBLICATION 408, SECTION 630, FOR PLAIN CEMENT CONCRETE CURB AND DEPRESSED CURB, SECTION 640 FOR PLAIN CEMENT CONCRETE CURB AND FOR PLAIN CEMENT CONCRETE CURB GUTTER.
 - SPACE EXPANSION JOINTS IN UNIFORM LENGTHS OR SECTIONS.
 - PLACE 3/4-INCH PREMOULDED EXPANSION JOINT FILLER MATERIAL AT STRUCTURES AND AT THE END OF THE WORK DAY. CUT MATERIAL TO CONFORM TO AREA ADJACENT TO CURB OR TO CONFORM TO CROSS SECTIONAL AREA OF CURB.
 - SEE RC-50 FOR PLAIN CEMENT CONCRETE CURB SLOPED TOP TREATMENT AT END OF STRUCTURES.
 - SEAL ALL EDGES ALONG PAVEMENT WITH PG 645-22.



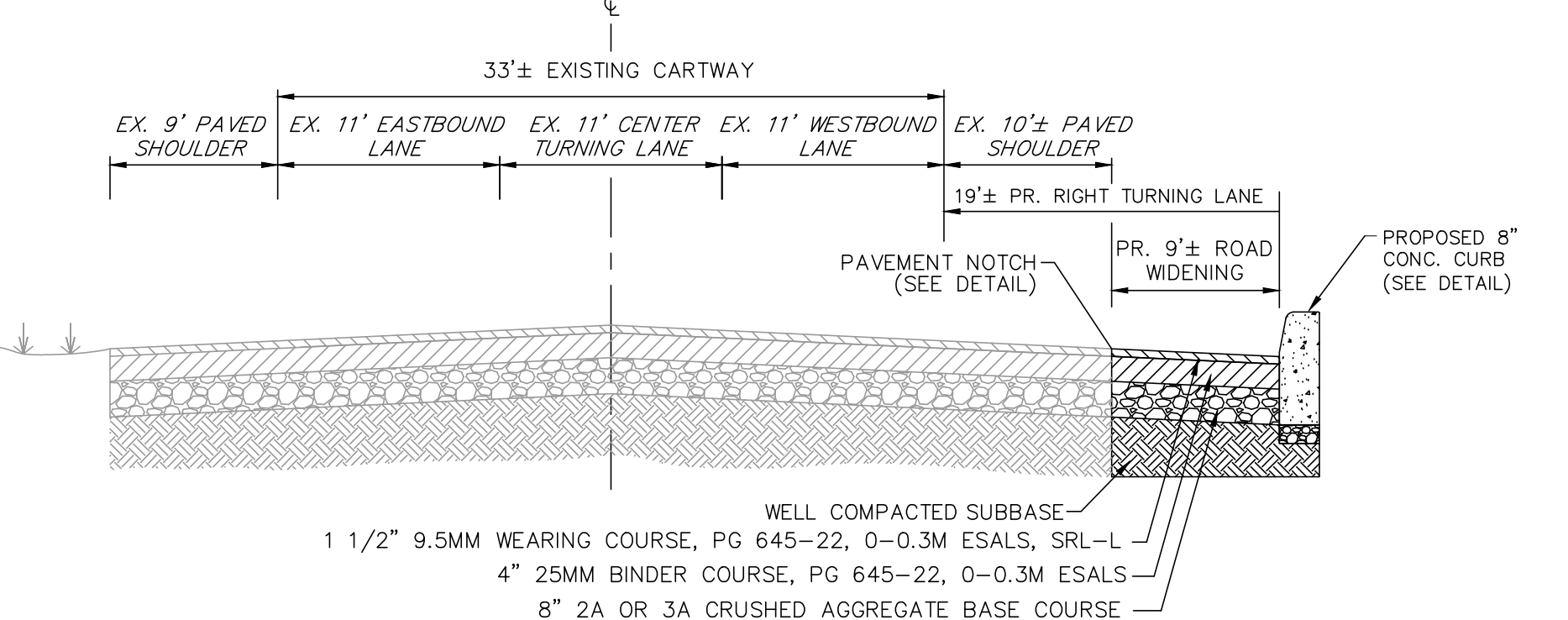
FLUSH CURB DETAIL

NO SCALE



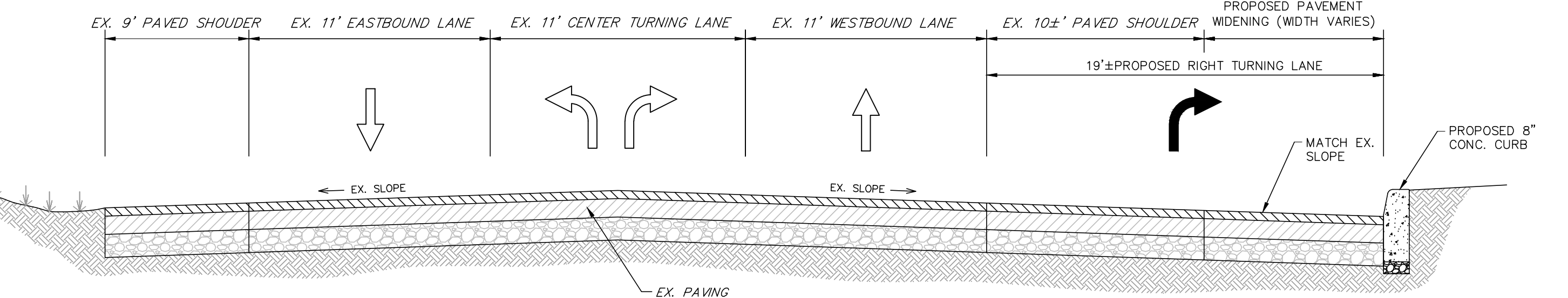
TYPICAL WHEEL STOP DETAIL

NO SCALE



EAST CUMBERLAND STREET (S.R. 0422) WIDENING DETAIL

NO SCALE



RIGHT TURN LANE CROSS SECTION

NO SCALE

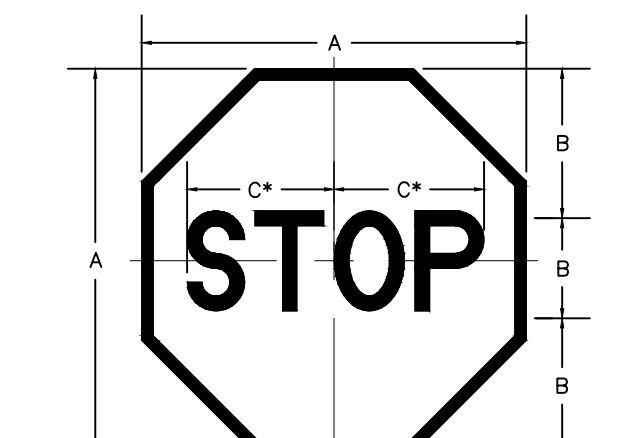
DATE	BY

REVISION	DATE	BY

SITE DETAILS
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
 NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

GIS
 Steadbeck Engineering & Surveying, Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=150'
PROJECT #	#2214-22-001

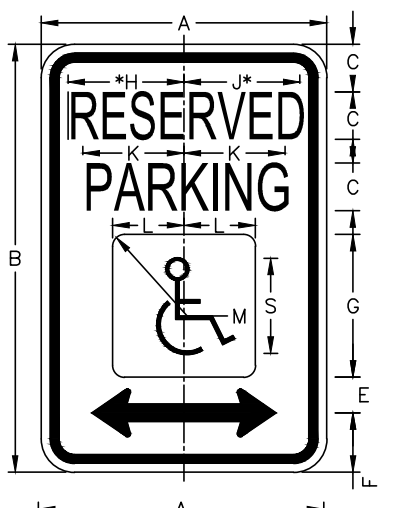


COLOR: LEGEND AND BORDER WHITE (REFLECTORIZED) BACKGROUND RED (REFLECTORIZED)
 NOTE: INSTALL PER REQ/MTS OR PADOT TITLE 67, CHAPTER 211-OFFICIAL TRAFFIC CONTROL DEVICES.

SIGN SIZE	DIMENSIONS A	DIMENSIONS B	SERIES	BORDER STD	BLANK STD
24 X 24	24	10	C	1	B1-24
30 X 30	30	12	C	1	B1-30
36 X 36	36	15	C	1	B1-36
48 X 48	48	20	C	1	B1-48

* REDUCE SPACING NOTE

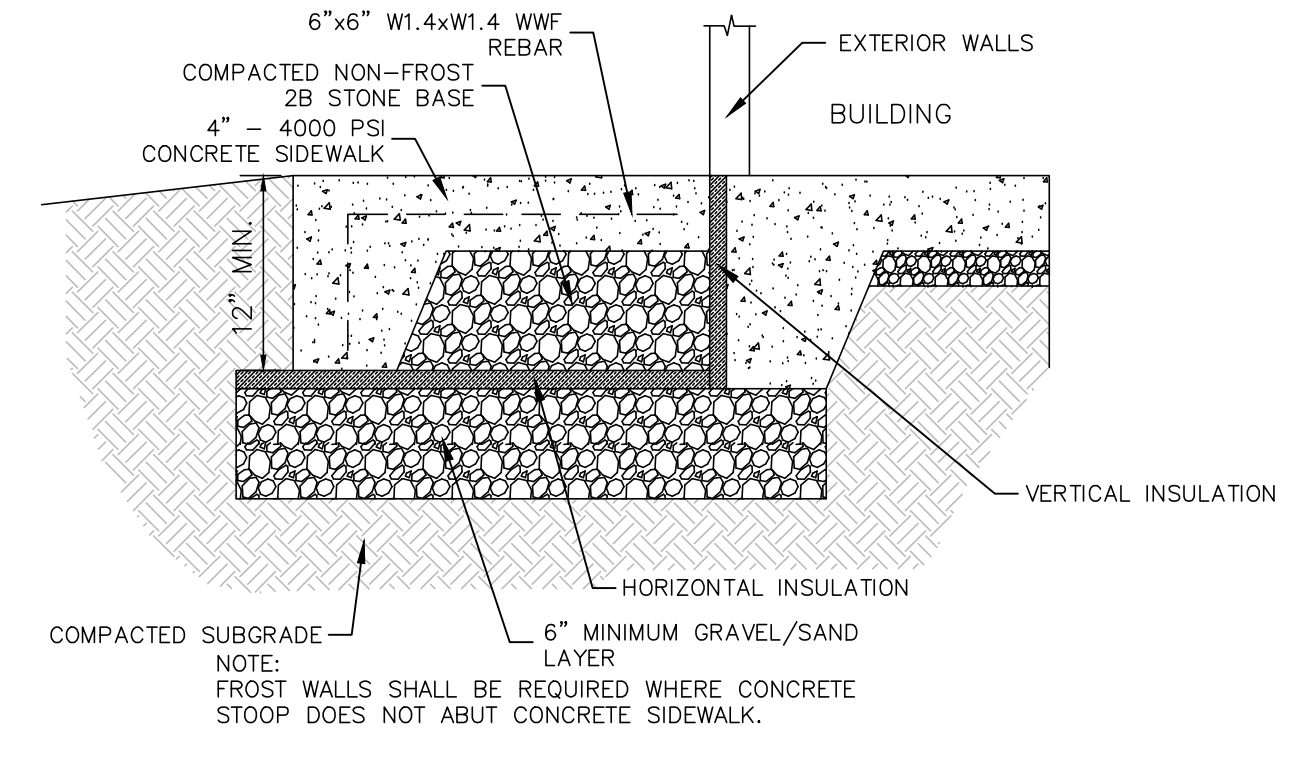
ALL STOP SIGNS, AS PROPOSED ON THESE PLANS, SHALL BE INSTALLED AND PAID FOR BY THE DEVELOPER/OWNER.
STOP SIGN DETAIL
 NO SCALE



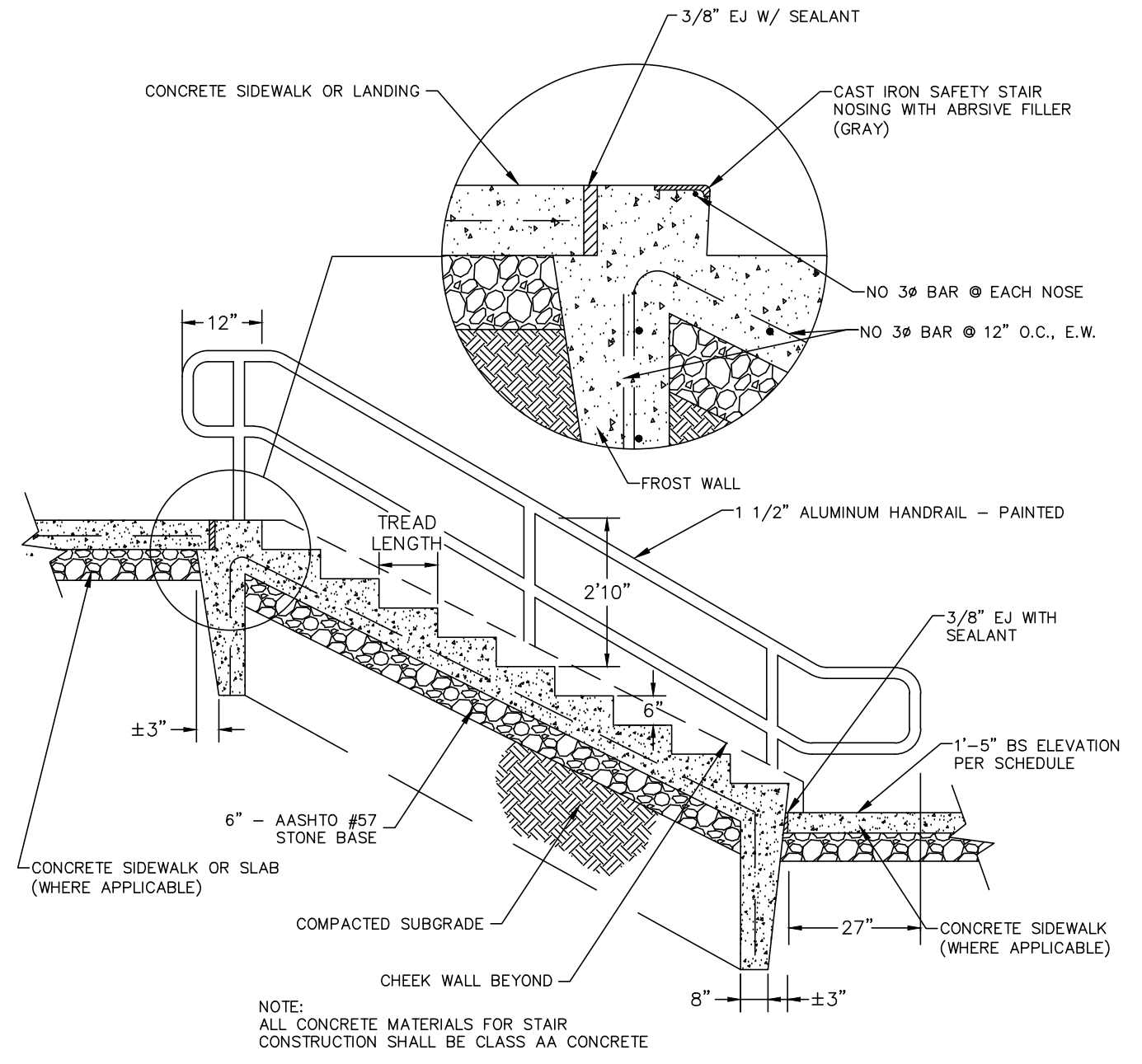
COLOR: LEGEND AND BORDER GREEN (NON-REFLECTORIZED) BACKGROUND WHITE (NON-REFLECTORIZED) SYMBOL BLUE (NON-REFLECTORIZED)
 NOTE: FROST WALLS SHALL BE REQUIRED WHERE CONCRETE STOOP DOES NOT ABUT CONCRETE SIDEWALK.

SIGN SIZE	A	B	C	D	E	F	G	H	J	K	L	M
12 x 18	12	18	2	1	1/2	2	6	4	5	4	3	2

ADA SIGNAGE DETAIL
 NO SCALE

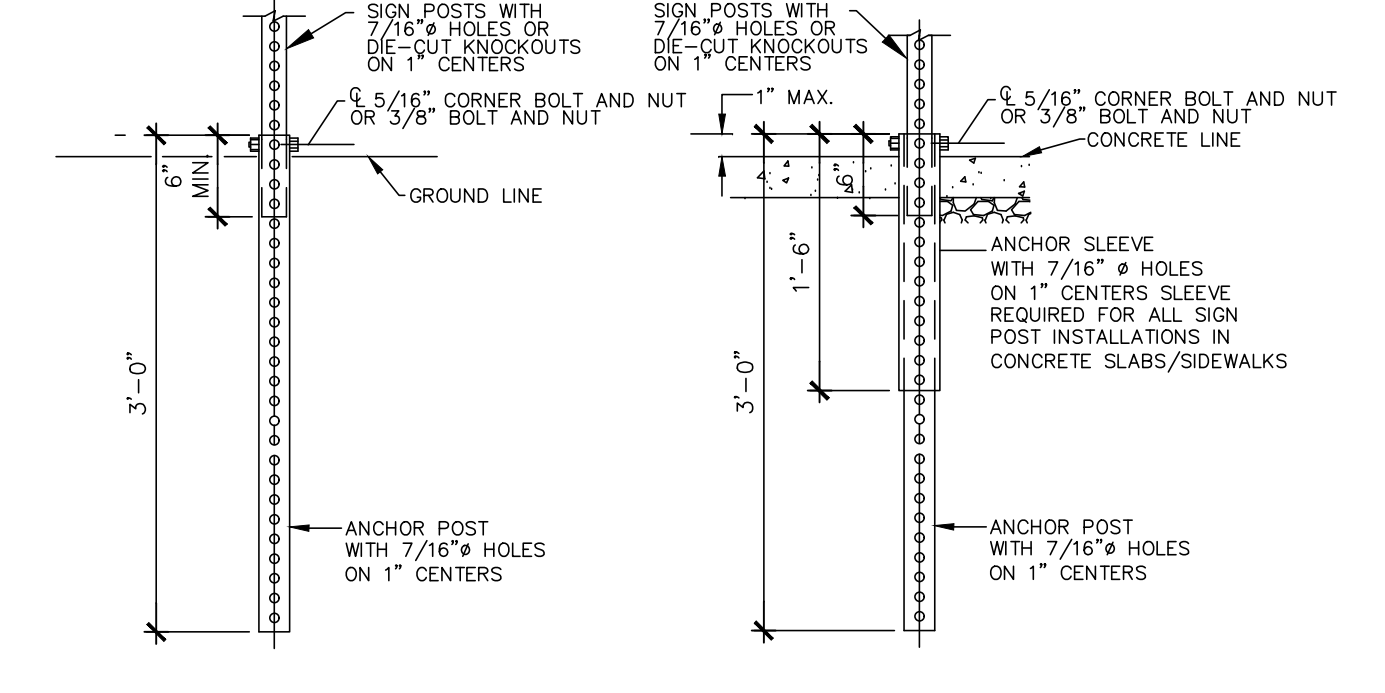


CONCRETE STOOP DETAIL
 NO SCALE



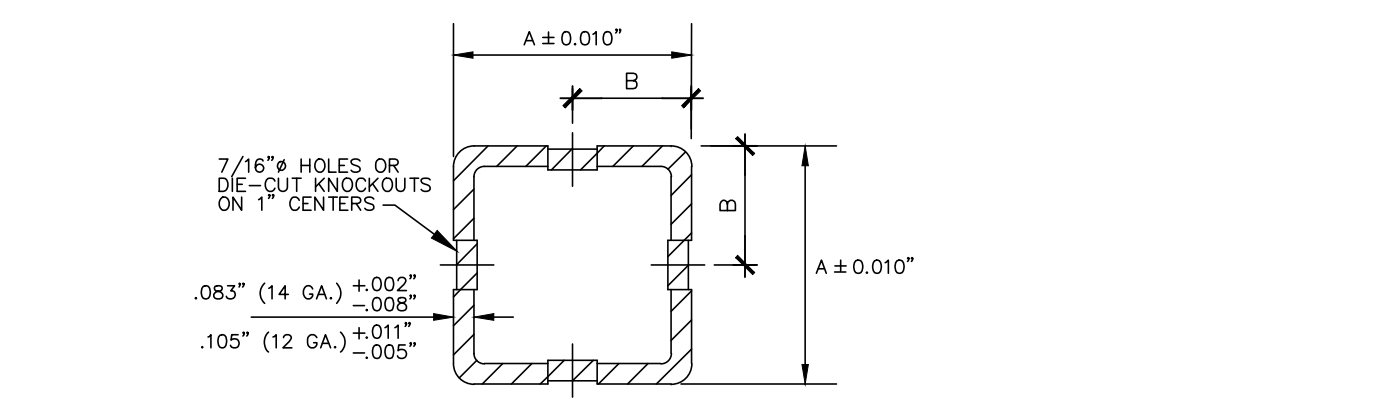
STAIR NO	NUMBER OF RISERS	STAIR WIDTH (IN)	RISER HEIGHT (IN)	TREAD LENGTH (IN)
A	8	5'	6"	15 (MIN.)

EXTERIOR STAIR DETAIL
 NO SCALE



INSTALLATION DETAIL (STANDARD)
INSTALLATION DETAIL (CONCRETE)

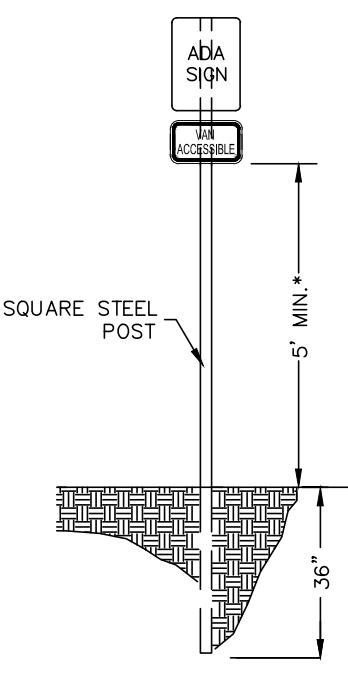
INSTALLATION NOTES:
 1. ALL SIGNS LOCATED ALONG CITY STREETS SHALL BE MOUNTED ON BREAKAWAY SIGN POSTS.



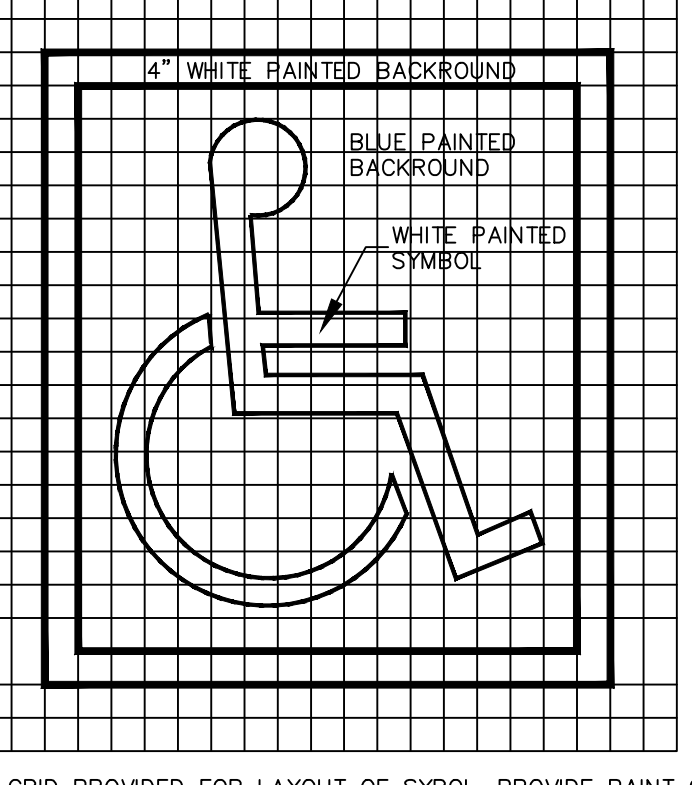
SIGN POST SIZE	ANCHOR POST GAUGE	ANCHOR SLEEVE* GAUGE	SPLICE SLEEVE GAUGE
1.75" 1 3/4" 1/2"	14	2.00" 2" 1/4"	12
2.00" 2" 1/2"	14	2.50" 2 1/2" 1/2"	12
2.25" 2 1/4" 1/2"	14	3.00" 3" 1/2" 1/2"	2.00" 2" 1/2"

* ONLY REQUIRED FOR INSTALLATIONS IN CONCRETE.
 SQUARE STEEL POSTS
 12 AND 14 GAUGE - 60 KSI

SITE SIGN POST SIGNAGE DETAIL
 NO SCALE



ADA SIGN POST DETAIL
 NO SCALE

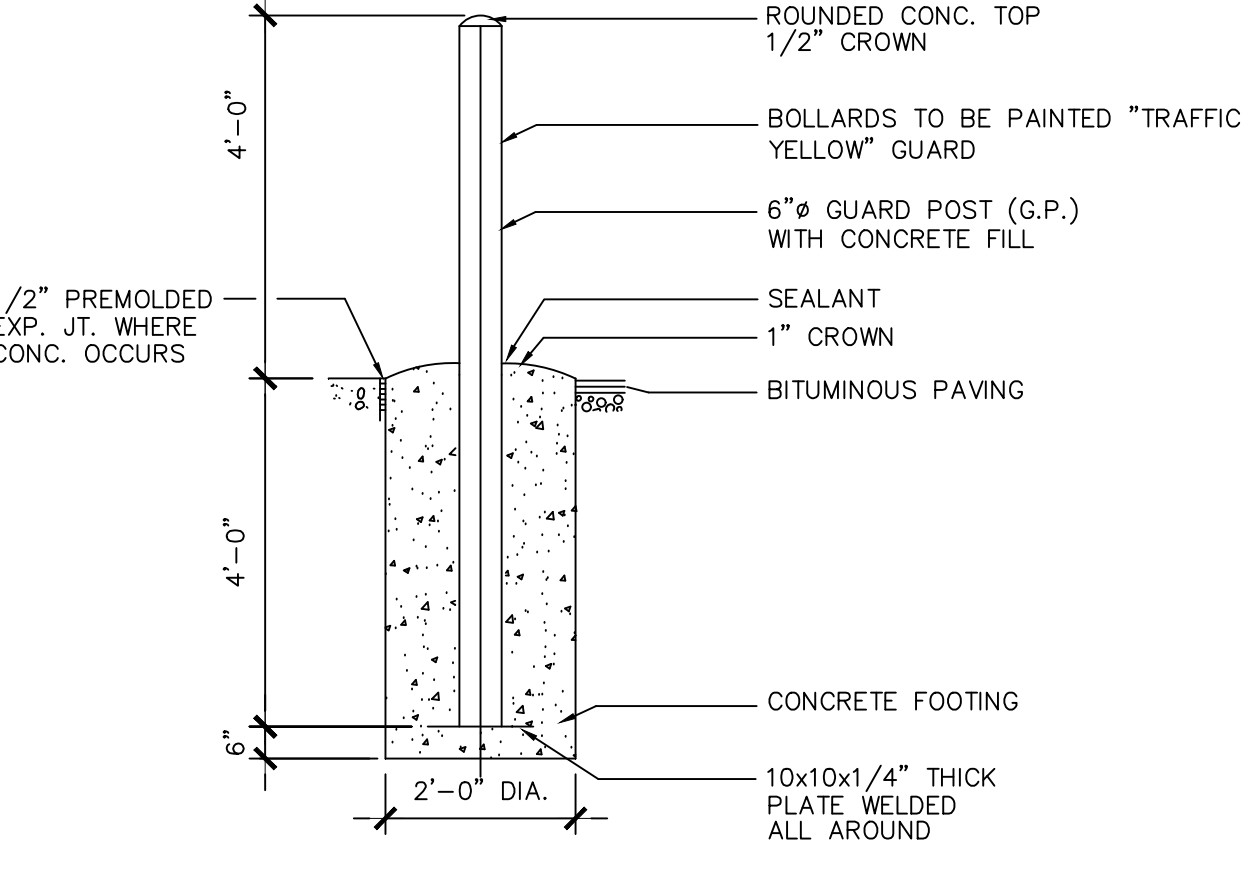


TYPICAL PAINTED ACCESSIBLE SYMBOL DETAIL
 NO SCALE

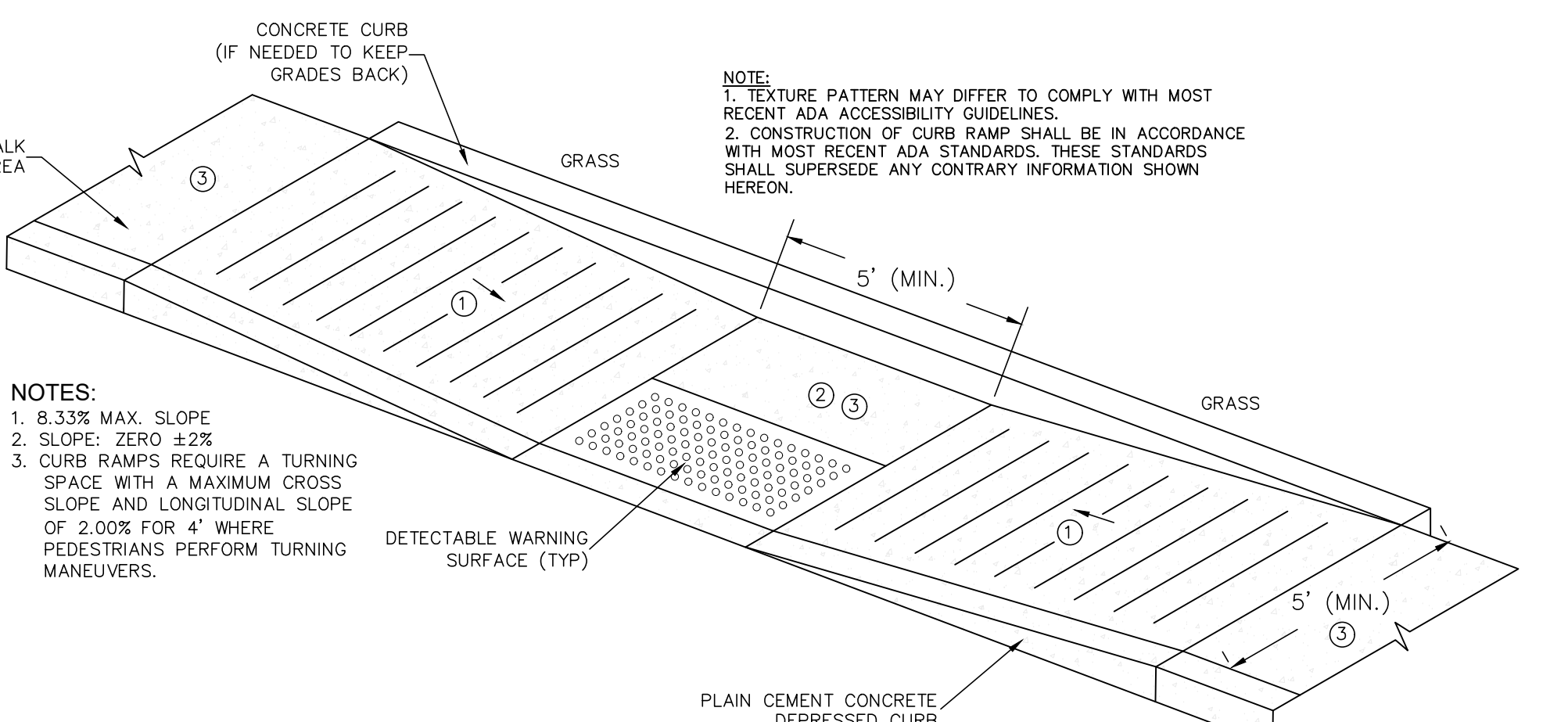
POST SCHEDULE	POST SIZE	POST HEIGHT FROM GROUND TO CENTER OF SIGN PLATE	POST SIZE
18" X 18"	1.75	50"	1.75
24" X 24"	1.75	50"	2.00
30" X 30"	1.75	50"	2.25
36" X 36"	1.75	50"	2.50
48" X 48"	2.00	50"	2.75
60" X 60"	2.25	50"	3.00
72" X 72"	2.50	50"	3.25
84" X 84"	2.75	50"	3.50
96" X 96"	3.00	50"	3.75
108" X 108"	3.25	50"	4.00
120" X 120"	3.50	50"	4.25
132" X 132"	3.75	50"	4.50
144" X 144"	4.00	50"	4.75
156" X 156"	4.25	50"	5.00
168" X 168"	4.50	50"	5.25
180" X 180"	4.75	50"	5.50
192" X 192"	5.00	50"	5.75
204" X 204"	5.25	50"	6.00
216" X 216"	5.50	50"	6.25
228" X 228"	5.75	50"	6.50
240" X 240"	6.00	50"	6.75
252" X 252"	6.25	50"	7.00
264" X 264"	6.50	50"	7.25
276" X 276"	6.75	50"	7.50
288" X 288"	7.00	50"	7.75
300" X 300"	7.25	50"	8.00

INSTALLATION NOTES:
 1. MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH PUB. 408.
 2. SIGN POSTS AND SPLICE SLEEVES SHALL HAVE 7/16" DIAMETER HOLES OR DIE-CUT KNOCKOUTS ON 1" CENTERS ON ALL FOUR SIDES. ANCHOR POSTS AND ANCHOR SLEEVES SHALL HAVE 7/16" DIAMETER HOLES ON 1" CENTERS ON ALL FOUR SIDES.
 3. BOLTS AND NUTS SHALL BE ASTM-307, GRADE 2.
 4. DRIVE RIVETS MAY BE USED TO FASTEN SIGN BLANKS TO THE SIGN POST.

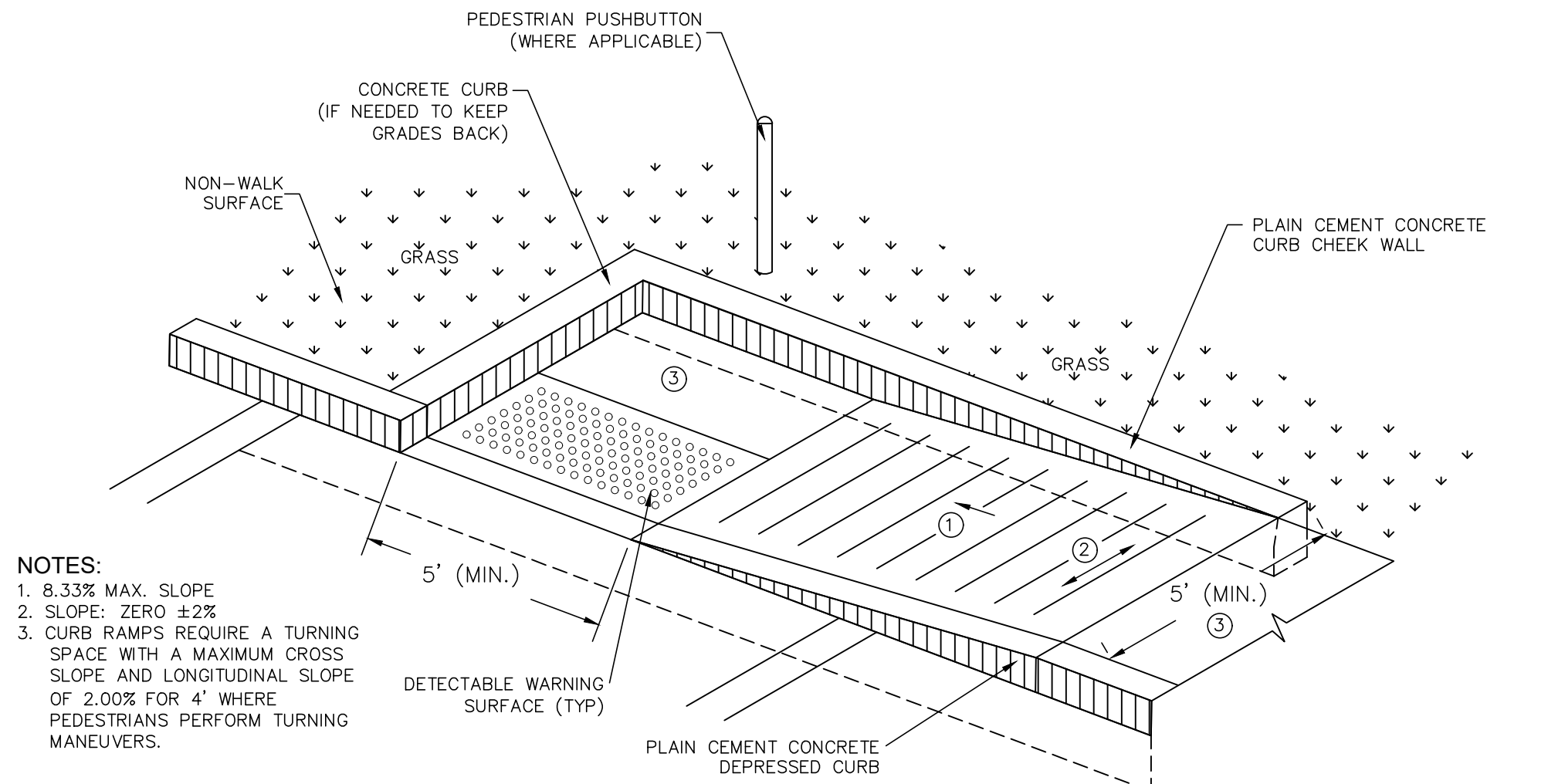
STOP SIGN POST DETAIL
 NO SCALE



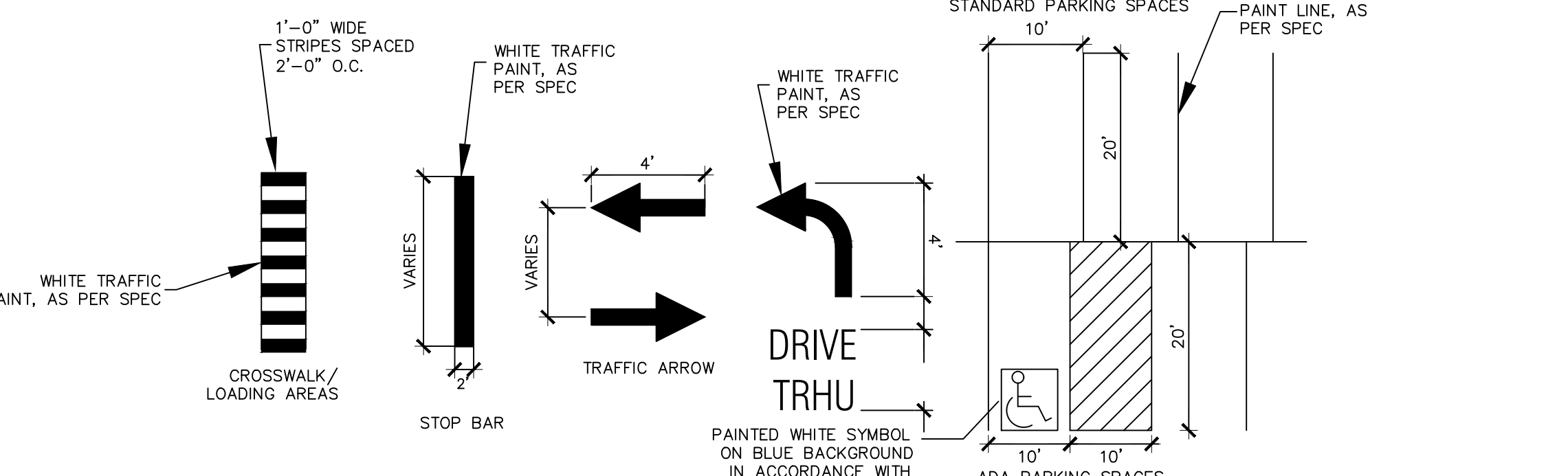
TYPICAL BOLLARD POST DETAIL
 NO SCALE



TYPE 2 CURB RAMP DETAIL (RC-67M)
 NO SCALE



TYPE 2 PARTIAL CURB RAMP DETAIL (RC-67M)
 NO SCALE



THERMOPLASTIC PAVEMENT MARKING DETAIL
 NO SCALE

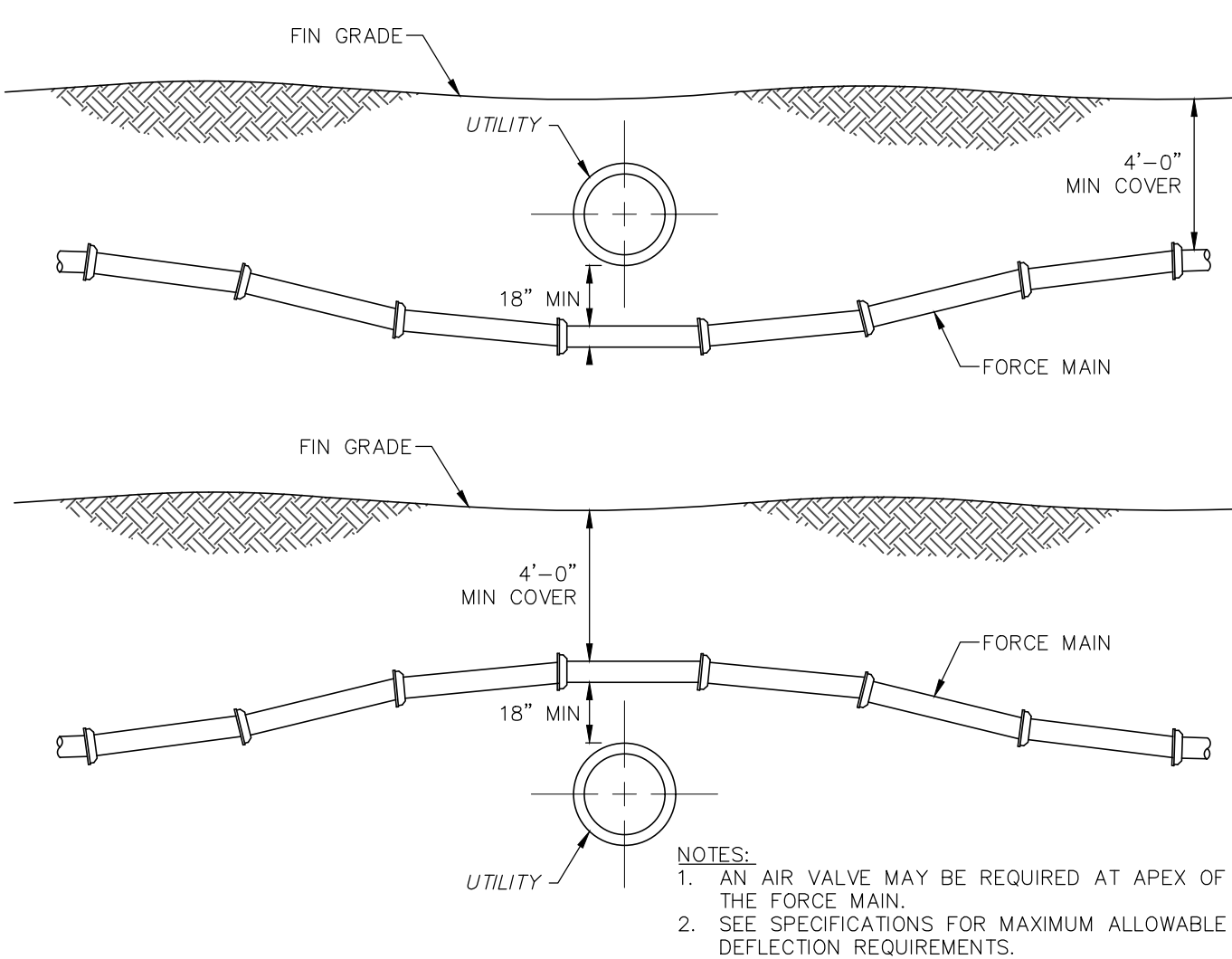
DATE	BY

REVISION	

SITE DETAILS
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
 NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

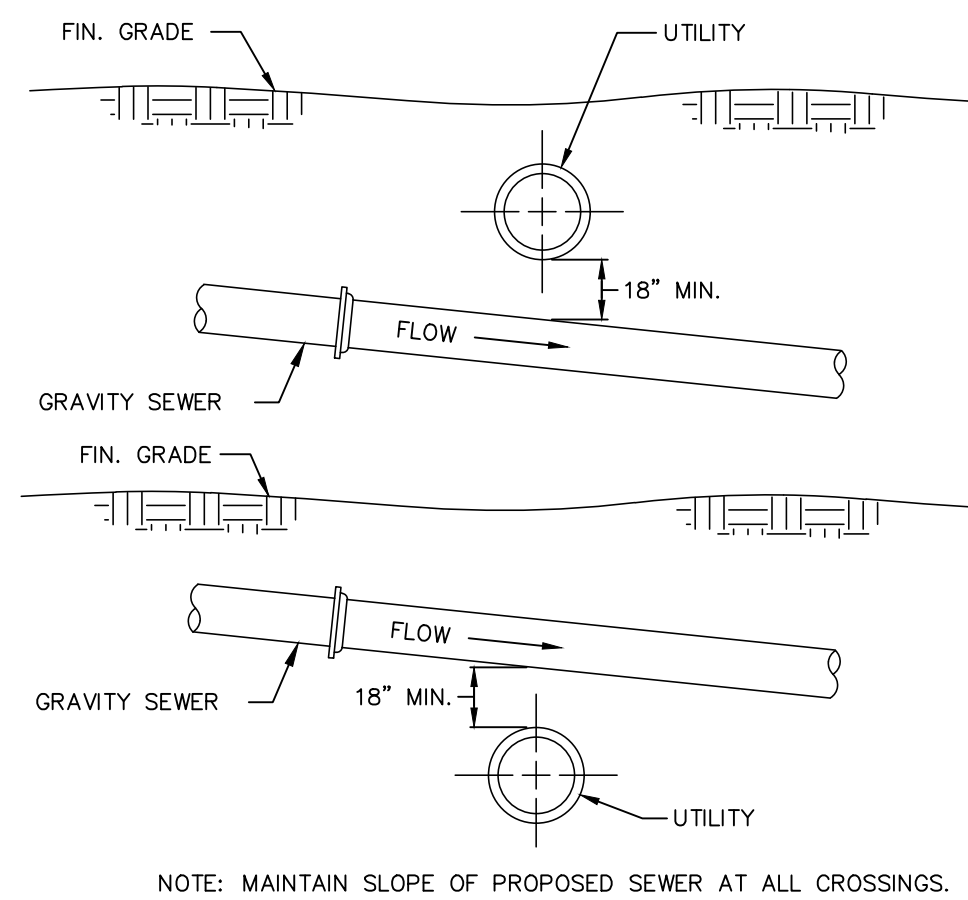
ES
 Steckbeck Engineering & Surveying Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=150'
PROJECT #	#2214-22-001



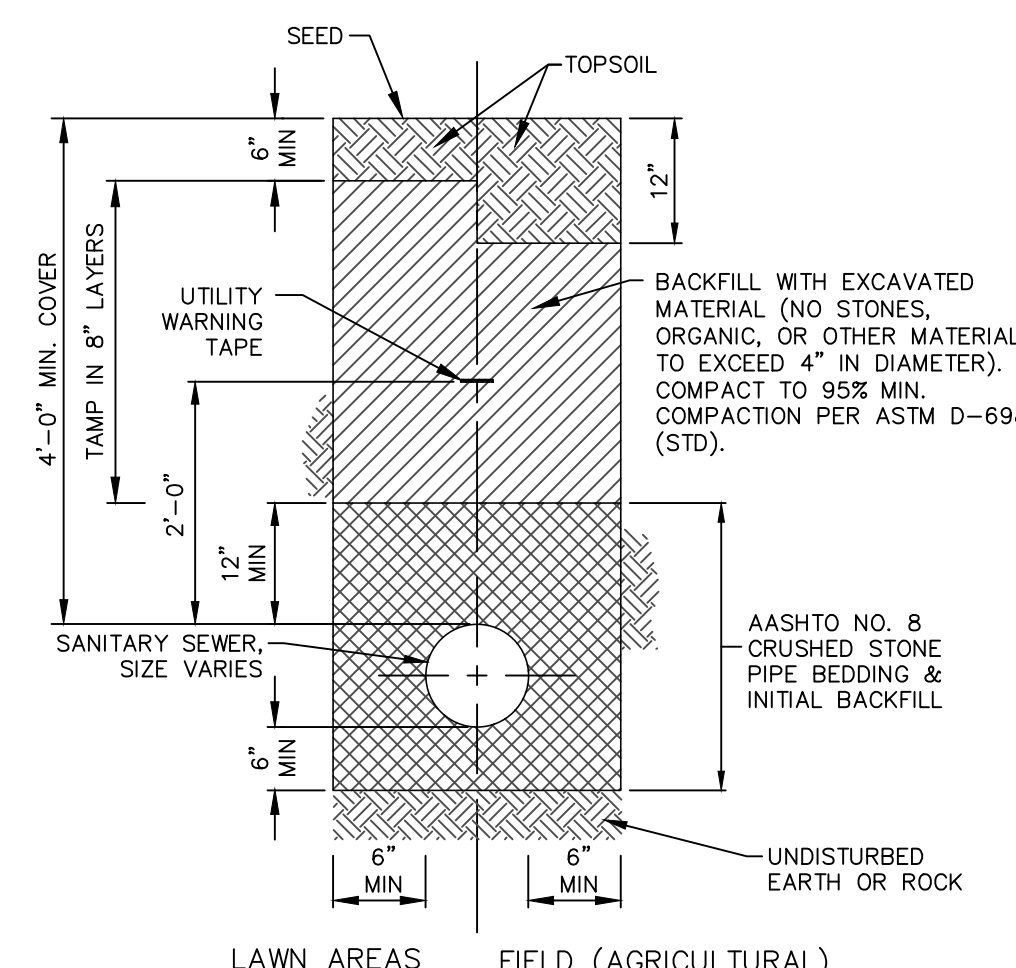
FORECE MAIN CROSSING UTILITIES

NO SCALE



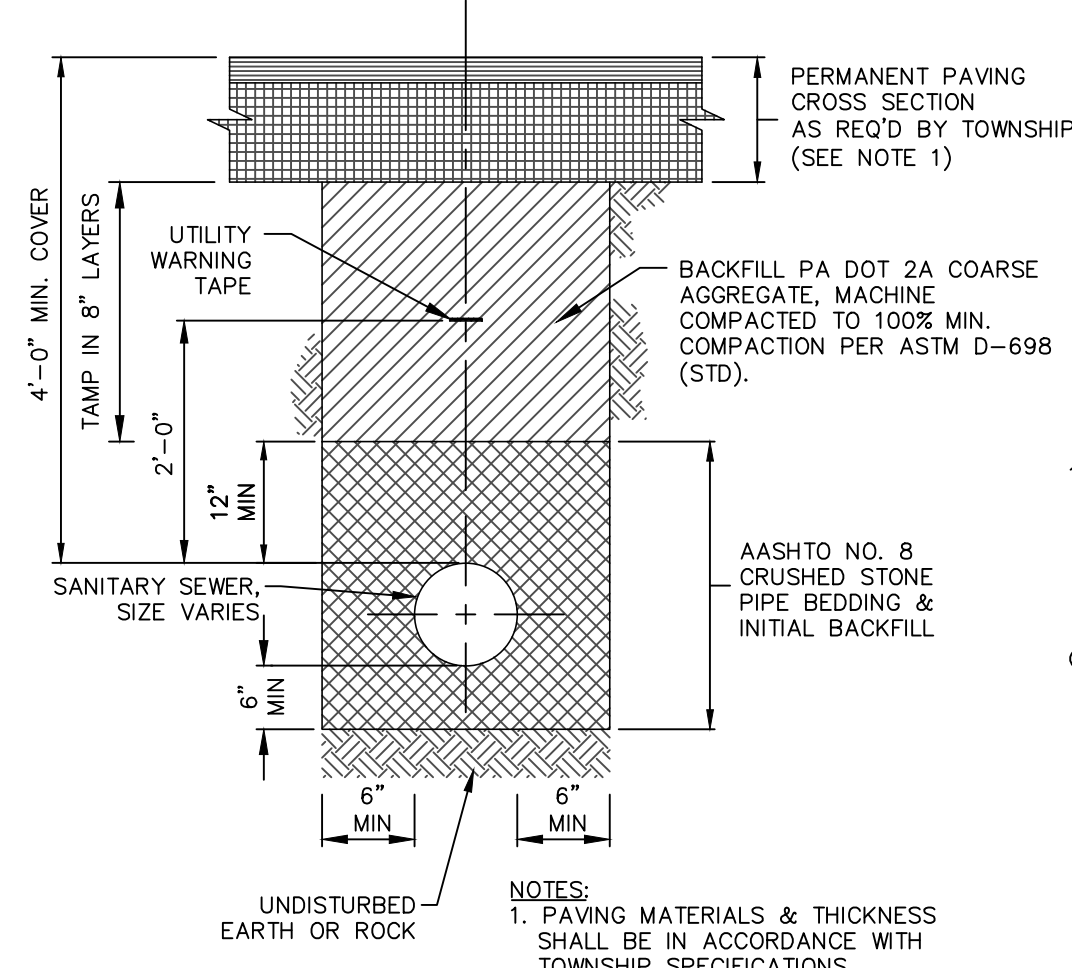
GRAVITY SEWER CROSSING UTILITES

NO SCALE



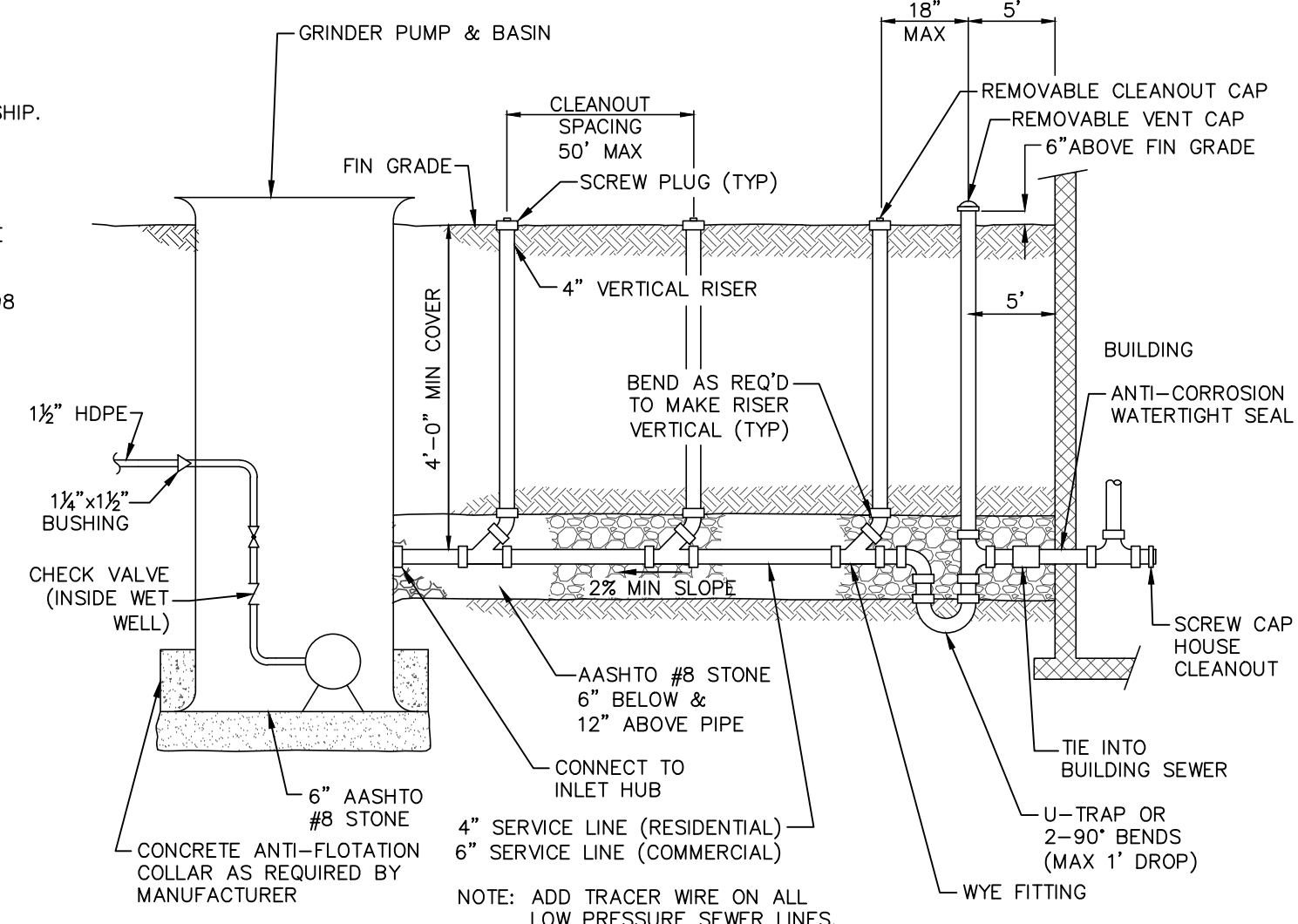
TRENCH RESTORATION DETAIL (LAWN & FIELD AREAS)

NO SCALE



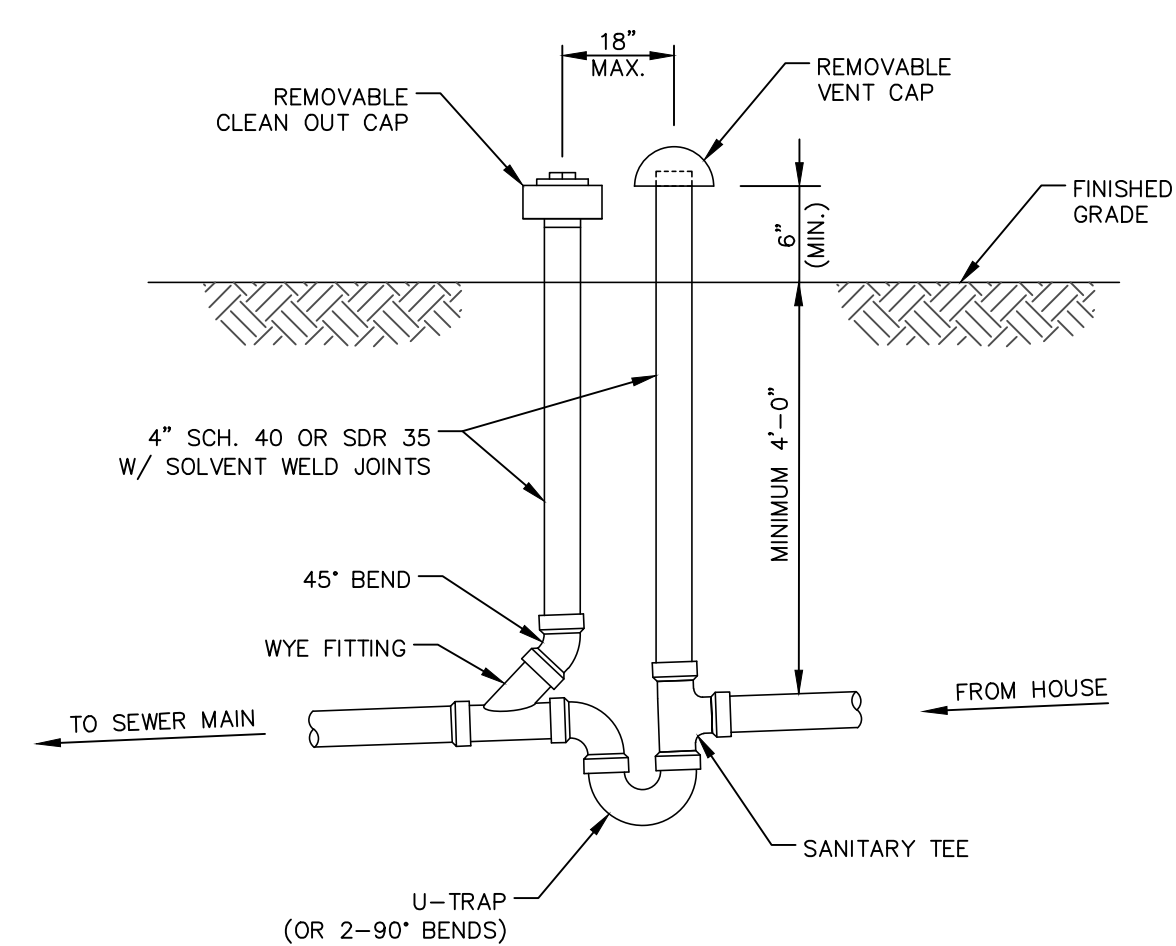
TRENCH RESTORATION DETAIL (NEW ROADWAY)

NO SCALE



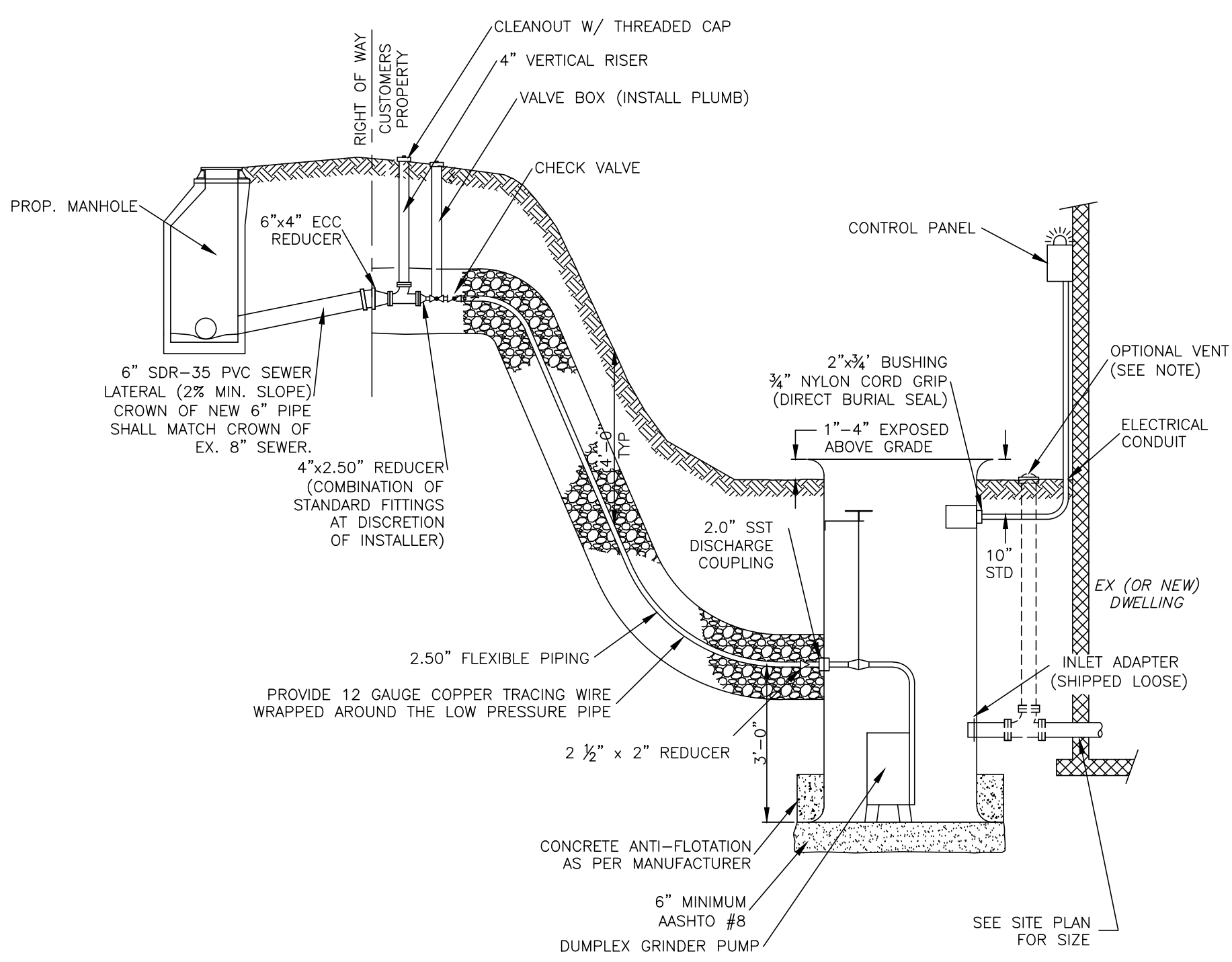
GRINDER PUMP SERVICE LINE DETAIL

NO SCALE



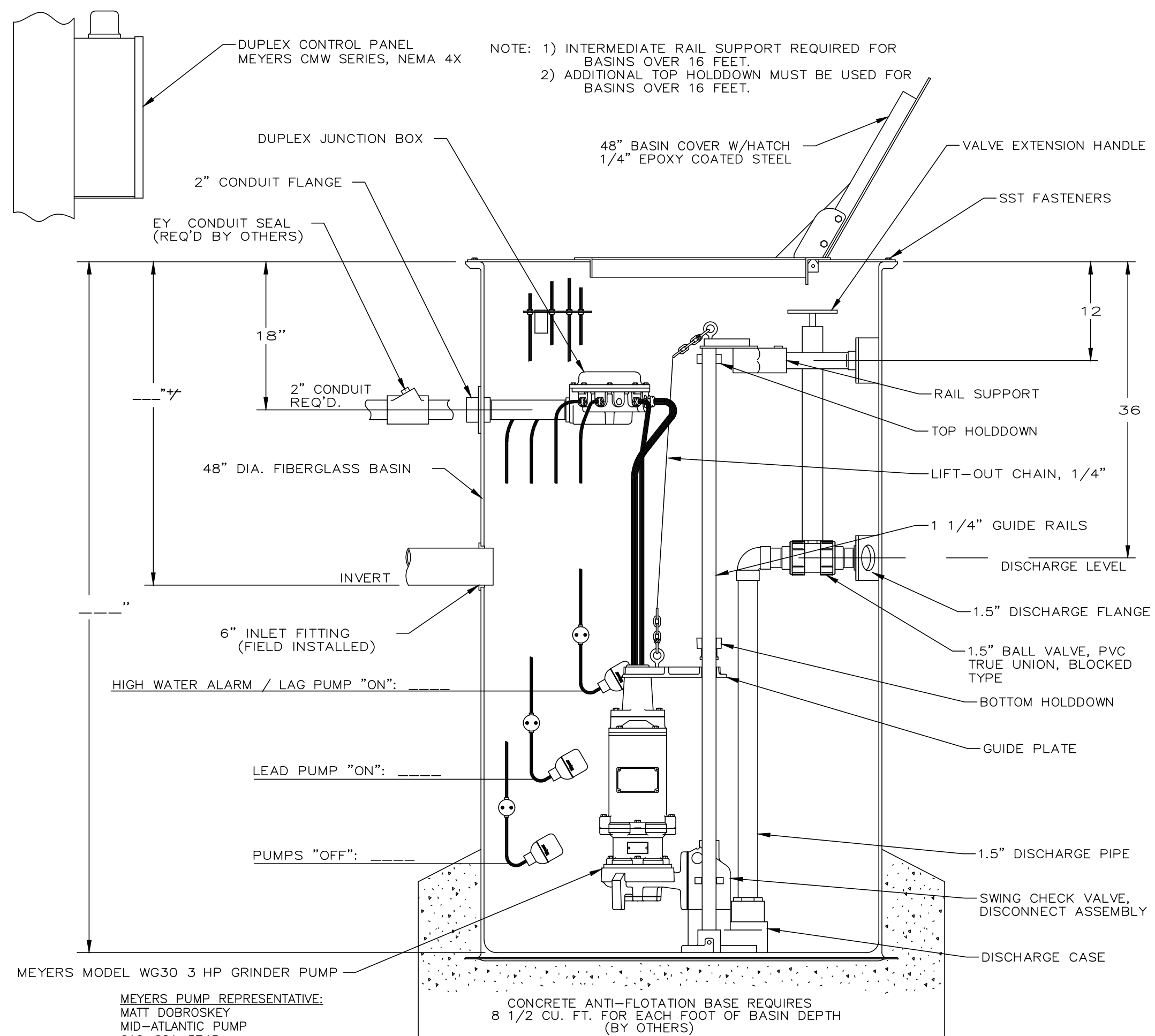
TYPICAL TRAP & VENT ASSEMBLY DETAIL

NO SCALE



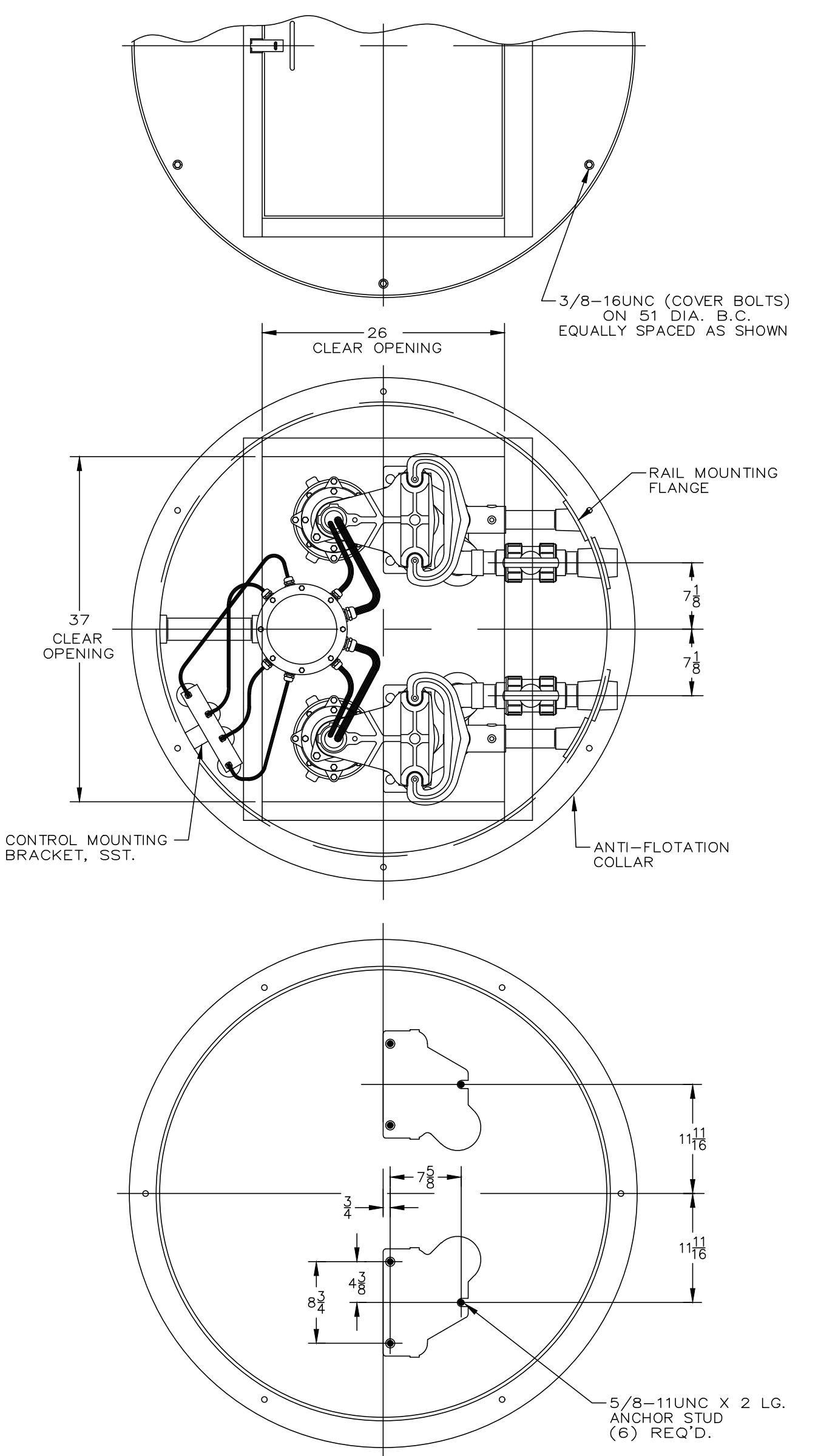
GRINDER PUMP LATERAL CONNECTION DETAIL

NO SCALE



DUPLEX GRINDER PUMP DETAIL

NO SCALE



BY	---
DATE	---
REVISION	---

REVISION	---
DATE	---
BY	---

SEWER DETAILS

PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
For
NLT WAREHOUSE AND TRAILER STORAGE
located in
North Lebanon Township
Lebanon County, Pennsylvania

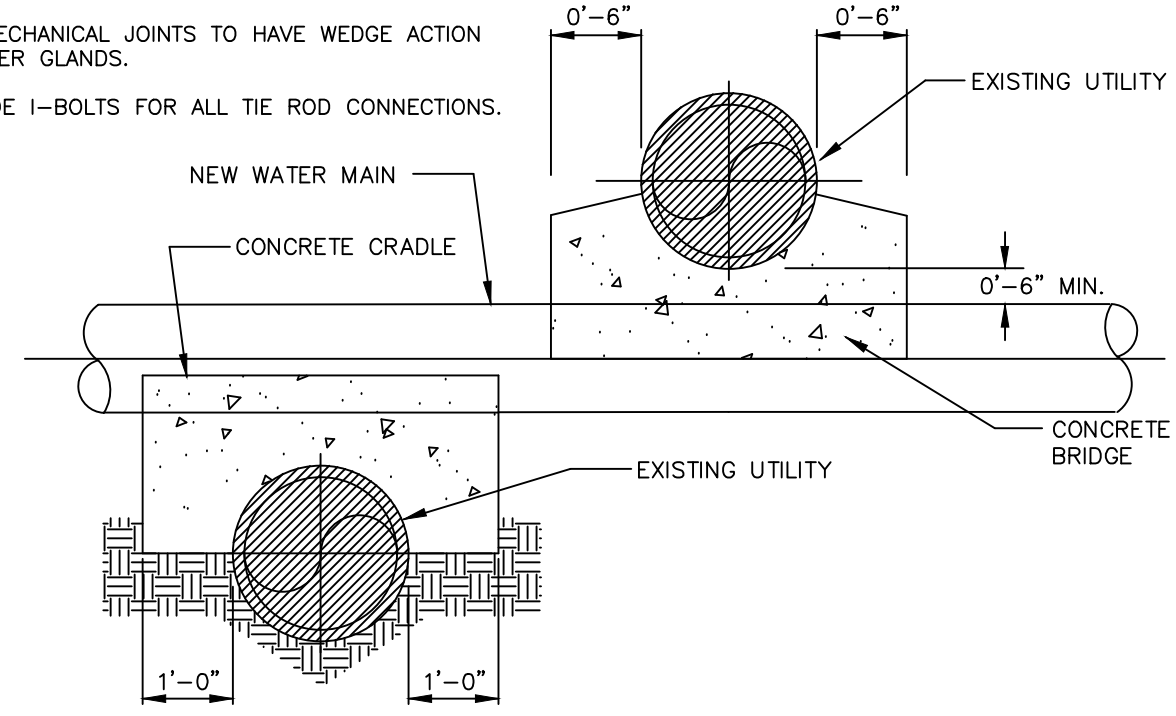
GIS

Steinbeck Engineering & Surveying, Inc.
279 Lebanon, Pennsylvania 17042
Phone: (717) 272-7110
Fax: (717) 272-7348

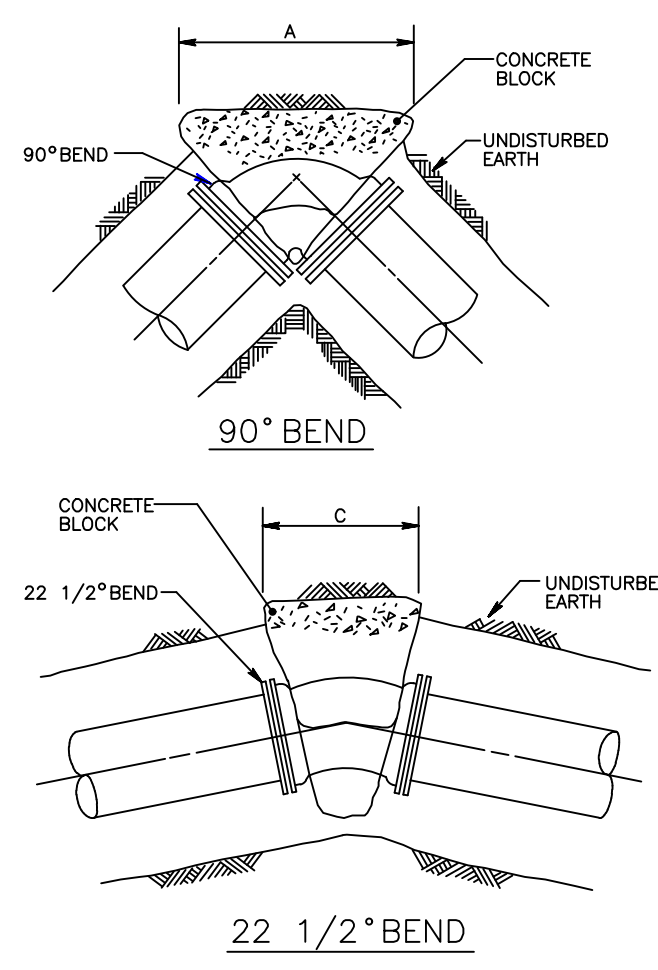
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BASE MAP:	MA
DRAWN:	CDS
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CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	#2214-22-001

NOTES:

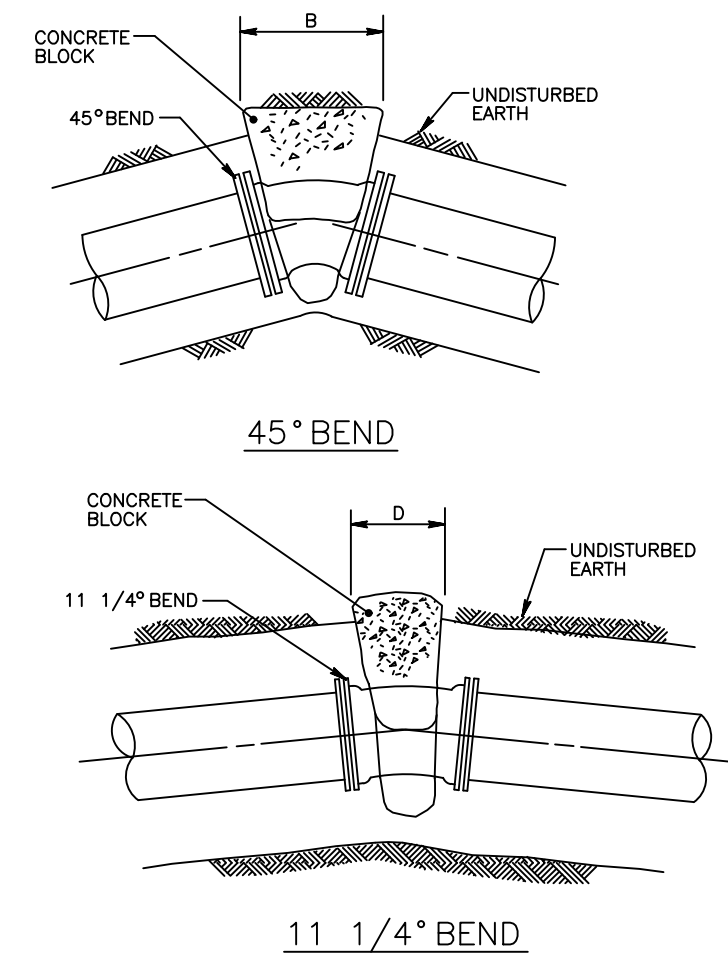
1. PROTECT THE RODS, CLAMPS AND OTHER COMPONENTS OF DISSIMILAR METAL AGAINST CORROSION BY HAND APPLICATION OF 2 COATS OF BITUMASTIC PAINT.
2. WALL AND FLOOR PENETRATIONS FOR THE RODS TO BE SEALED WITH NON-SHRINK GROUT.
3. DOMESTIC SERVICE CONNECTION CAN BE MADE USING SERVICE SADDLE OR TEE.
4. SEE SPECIFICATIONS FOR MATERIAL REQUIREMENTS.
5. ALL COPPER FITTINGS MUST BE COMPRESSION TYPE, NO FLARED OR SOLDERED FITTINGS WILL BE ACCEPTED.
6. ALL MECHANICAL JOINTS TO HAVE WEDGE ACTION RETAINER GLANDS.
7. PROVIDE 1-BOLTS FOR ALL THE ROD CONNECTIONS.



TYPICAL CONFIGURATION OVER UNDER EXISTING UTILITY
NOT TO SCALE



HORIZONTAL REACTION BACKINGS
NOT TO SCALE



VERTICAL REACTION BACKINGS
NOT TO SCALE

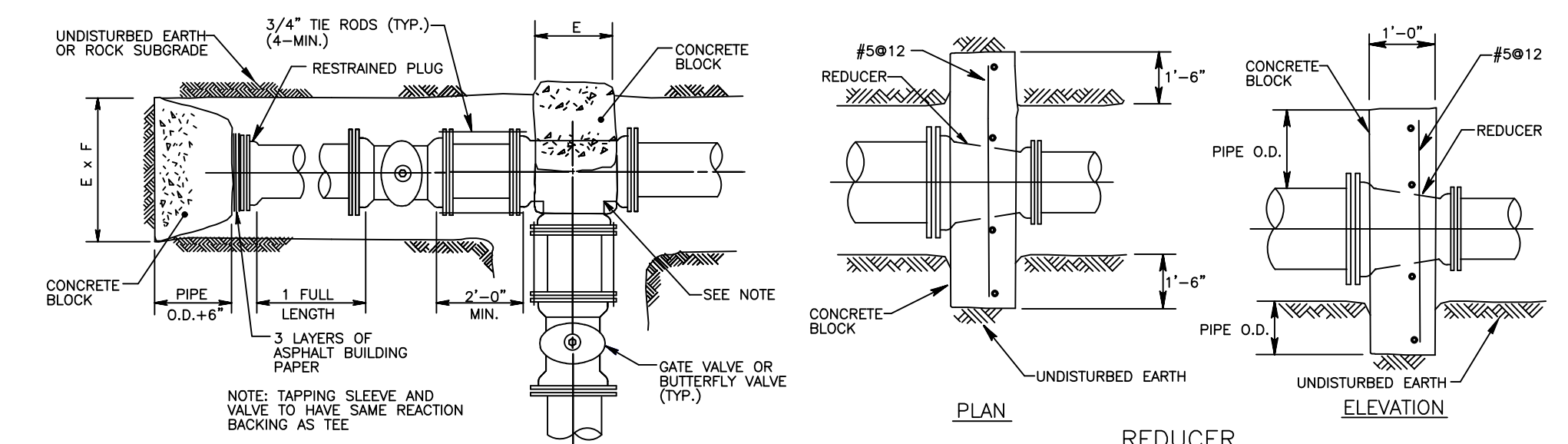
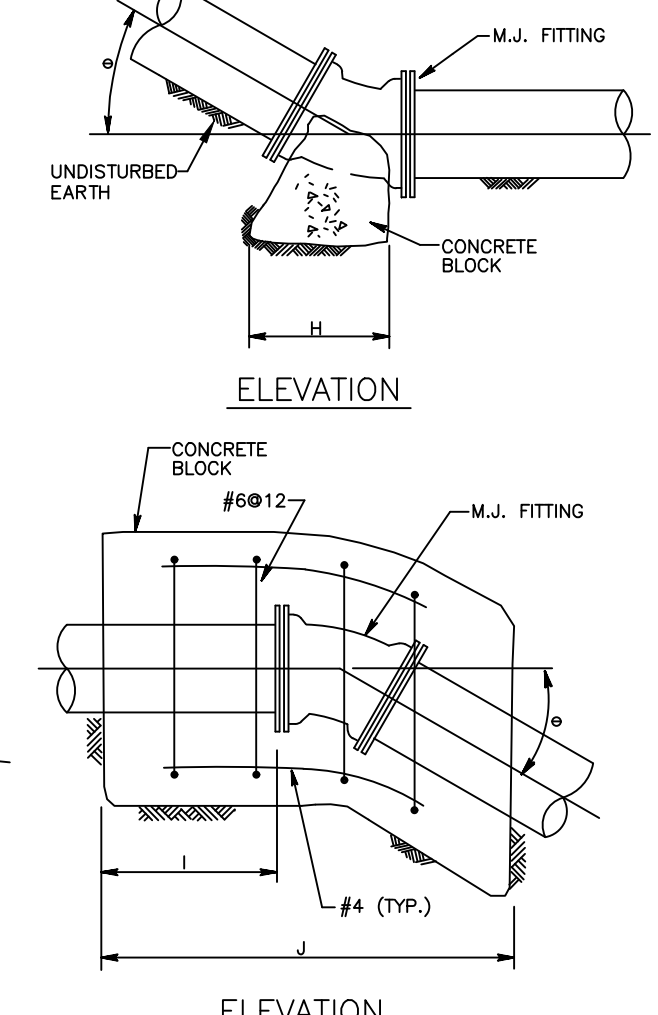
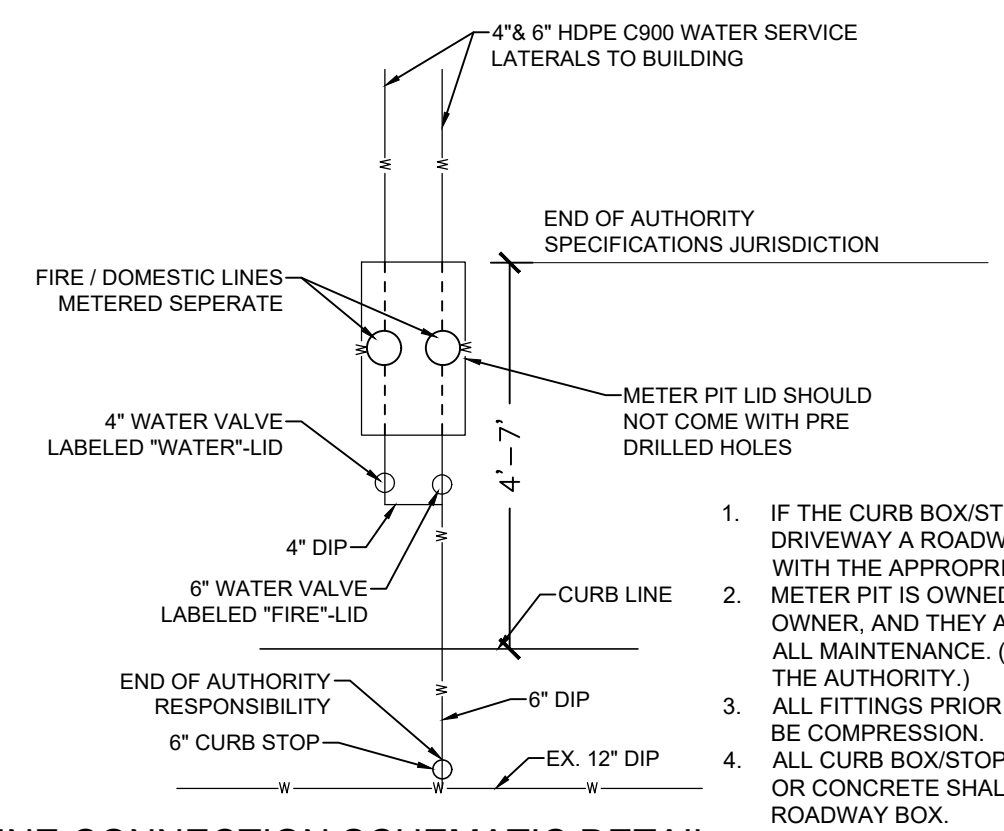


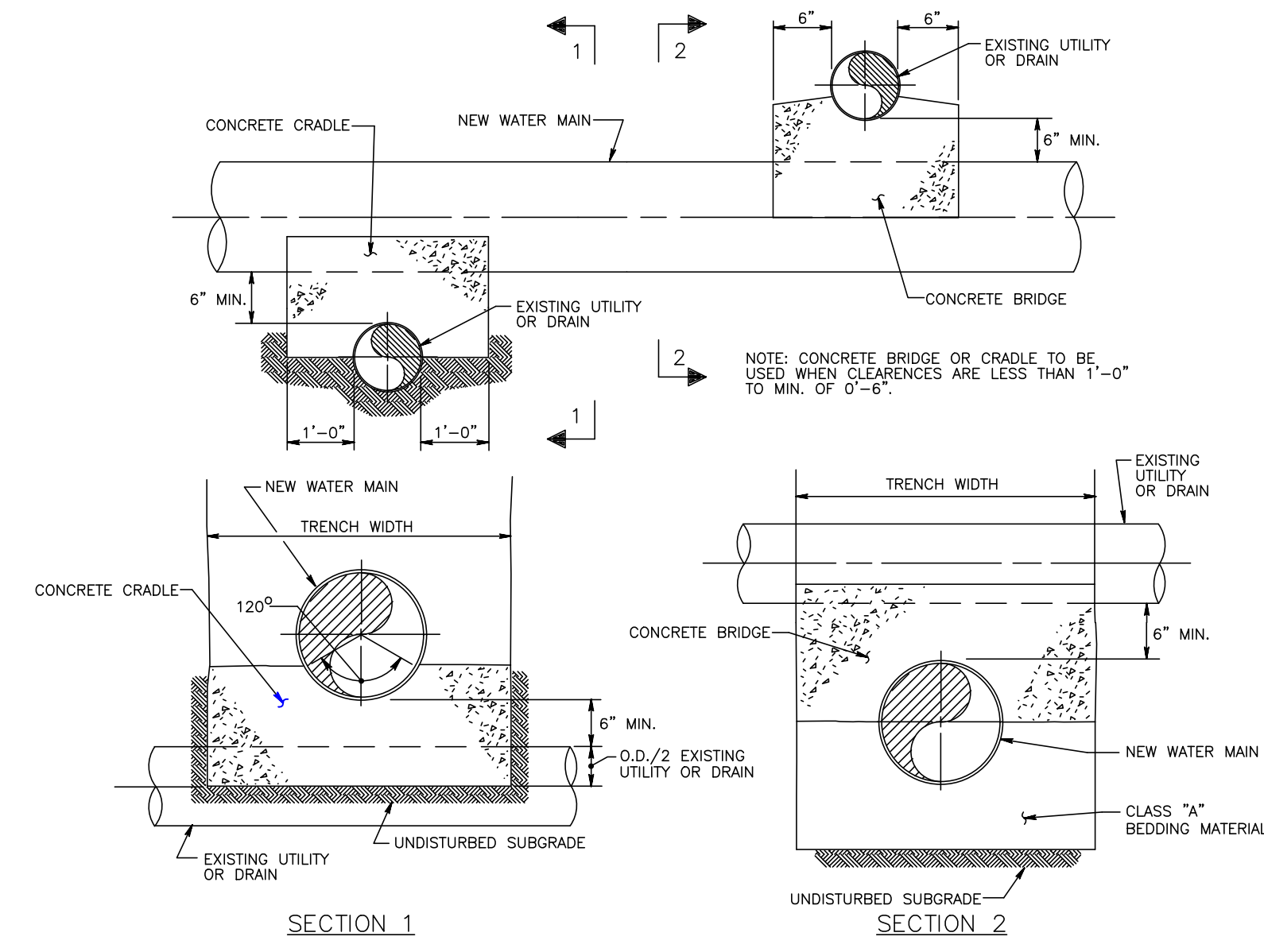
TABLE OF REACTION BACKING DIMENSIONS

PIPE DIA.	TEST PRESSURE (PSI)	A	B	C	D	E	F	G	H	I	J	K	L	M
24"	150	11'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"
20"	150	8'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"
16"	150	6'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"
12"	150	4'-0"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"
10"	150	4'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"
8"	150	3'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"	2'-0"
6"	150	2'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
4"	150	2'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"

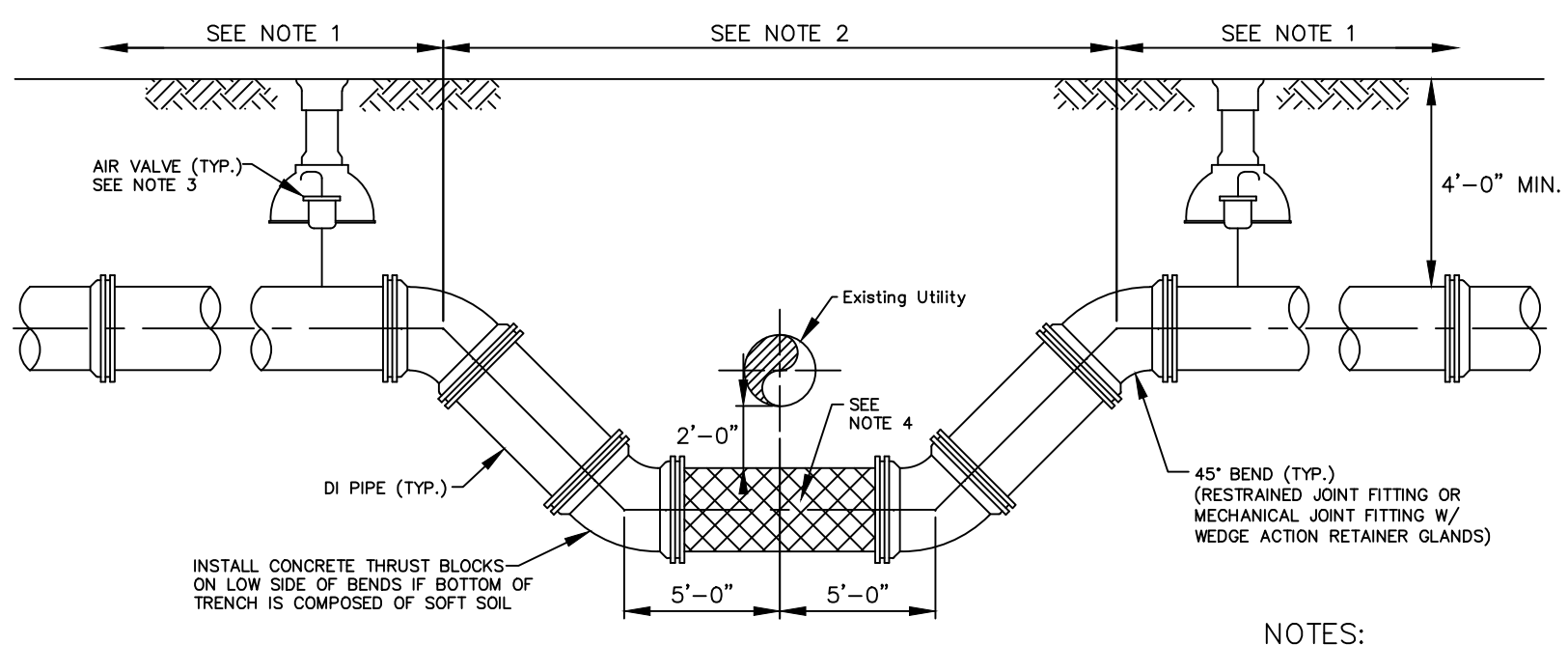
- NOTES:**
1. REACTION BACKING DIMENSIONS HAVE BEEN CALCULATED USING A SOIL BEARING CAPACITY OF 2000 POUNDS PER SQUARE FOOT AND TEST PRESSURES AS INDICATED.
 2. ALL FITTINGS SHALL BE MECHANICAL JOINT AND SHALL HAVE WEDGE ACTION FOLLOWER GLANDS INSTALLED TO MANUFACTURERS SPECIFICATIONS, EXCEPT IN RESTRAINED JOINT AREAS.
 3. ALL CONCRETE SHALL BE HIGH EARLY STRENGTH.



WATER LINE CONNECTION SCHEMATIC DETAIL
NO SCALE

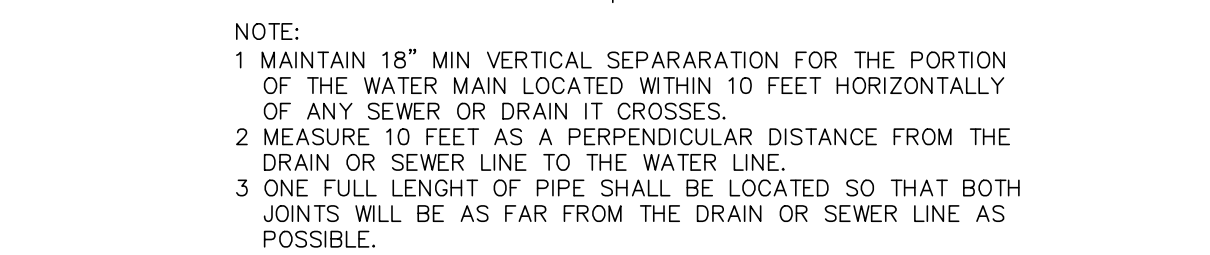


UTILITY CROSSING - CONCRETE CRADLE AND BRIDGE DETAIL
NO SCALE

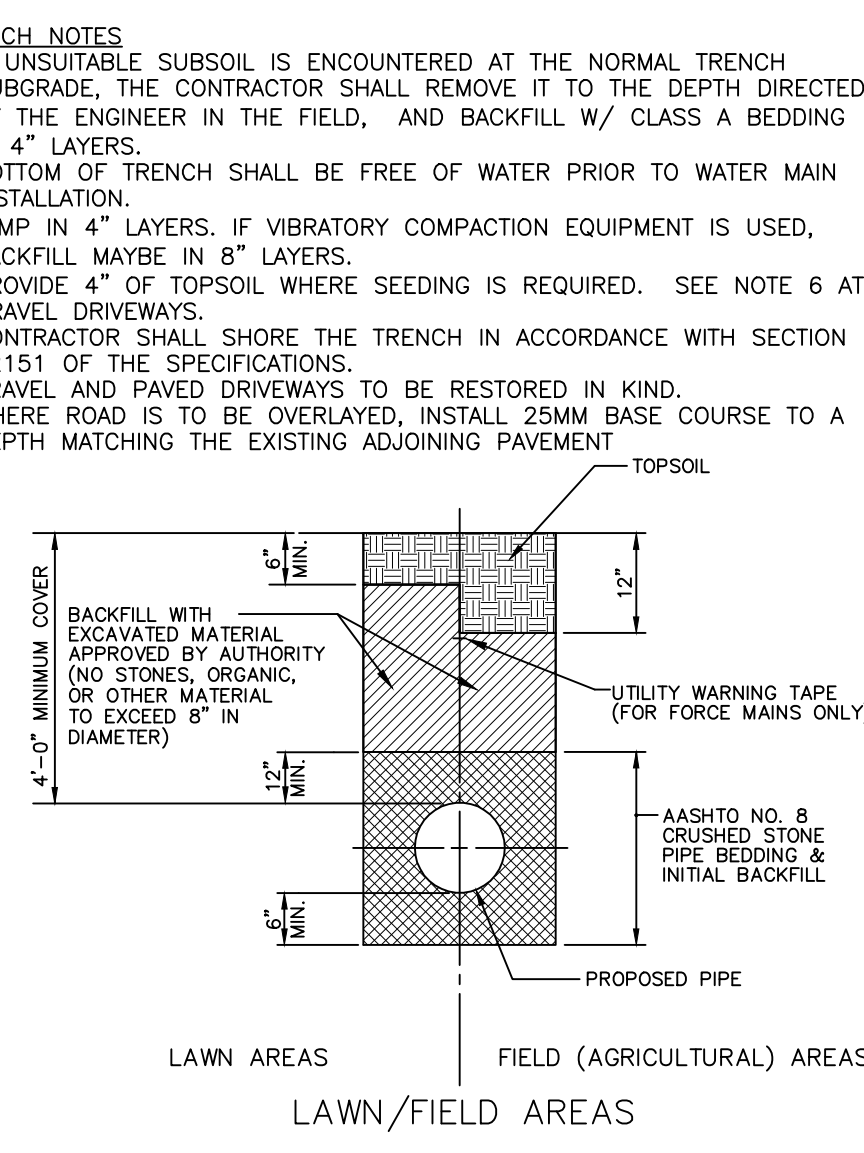


UTILITY CROSSING VERTICAL OFFSET DETAIL
NOT TO SCALE

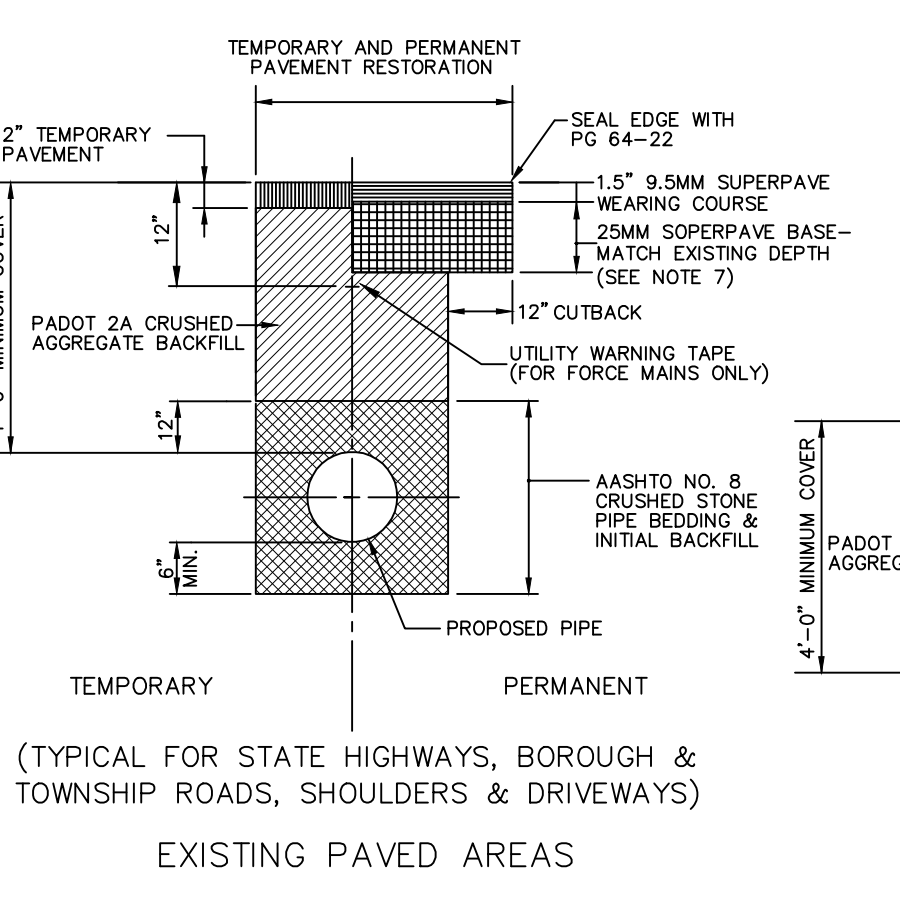
- NOTES:**
1. 80 LF OF RESTRAINED JOINT PIPE (TYP. EACH 800) (100 LF IF POLYETHYLENE ENCASED OR PVC PIPE) UP TO AND INCLUDING 12" DIAMETER PIPE.
 2. ALL PIPE JOINTS BETWEEN BENDS MUST BE RESTRAINED.
 3. INSTALL AIR VALVE PER STANDARD DETAILS UNLESS DIRECTED OTHERWISE BY AUTHORITY.
 4. INSULATE WATER MAIN UNDER STORMWATER PIPES AND SANITARY SEWER PIPES.



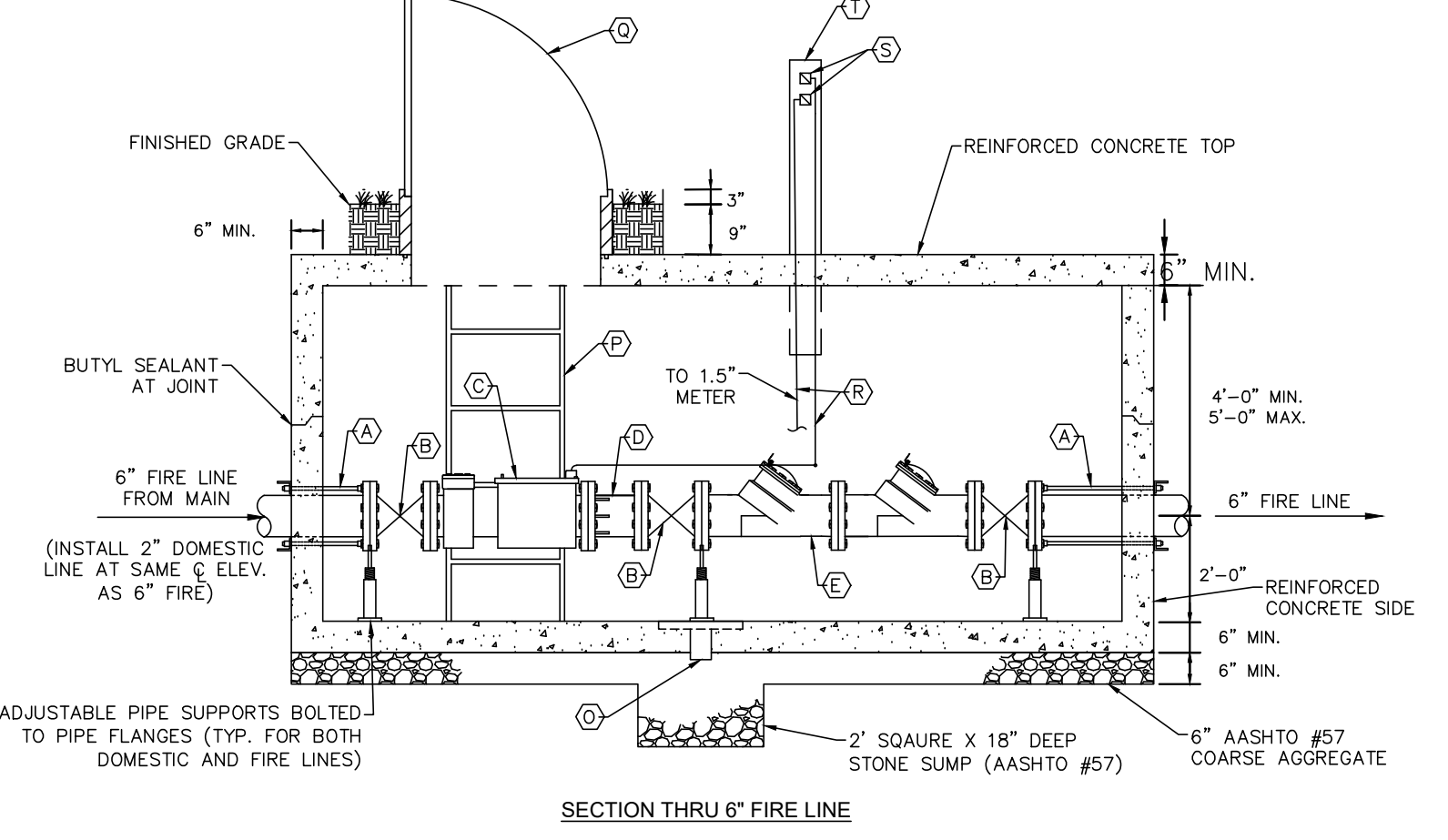
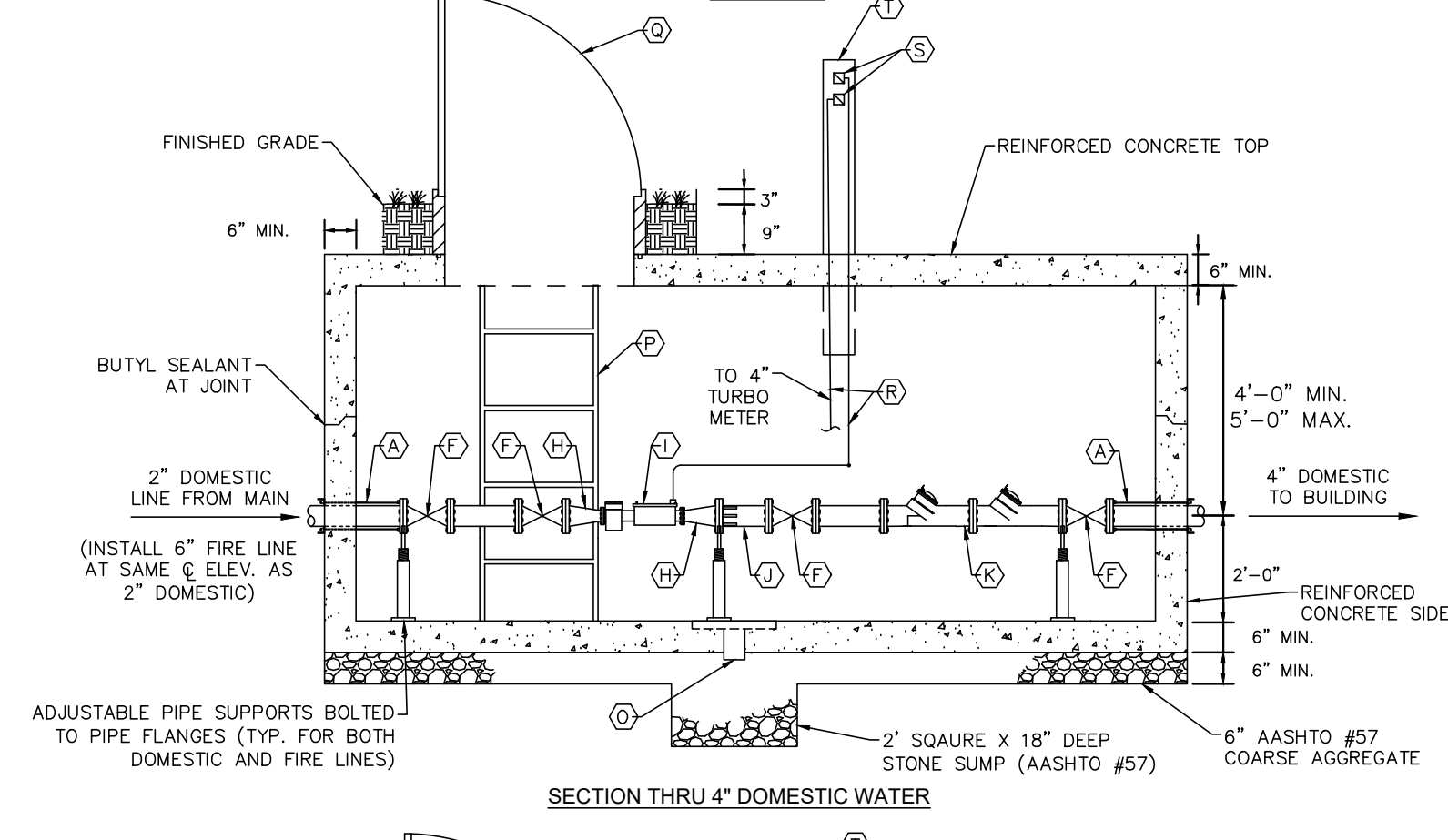
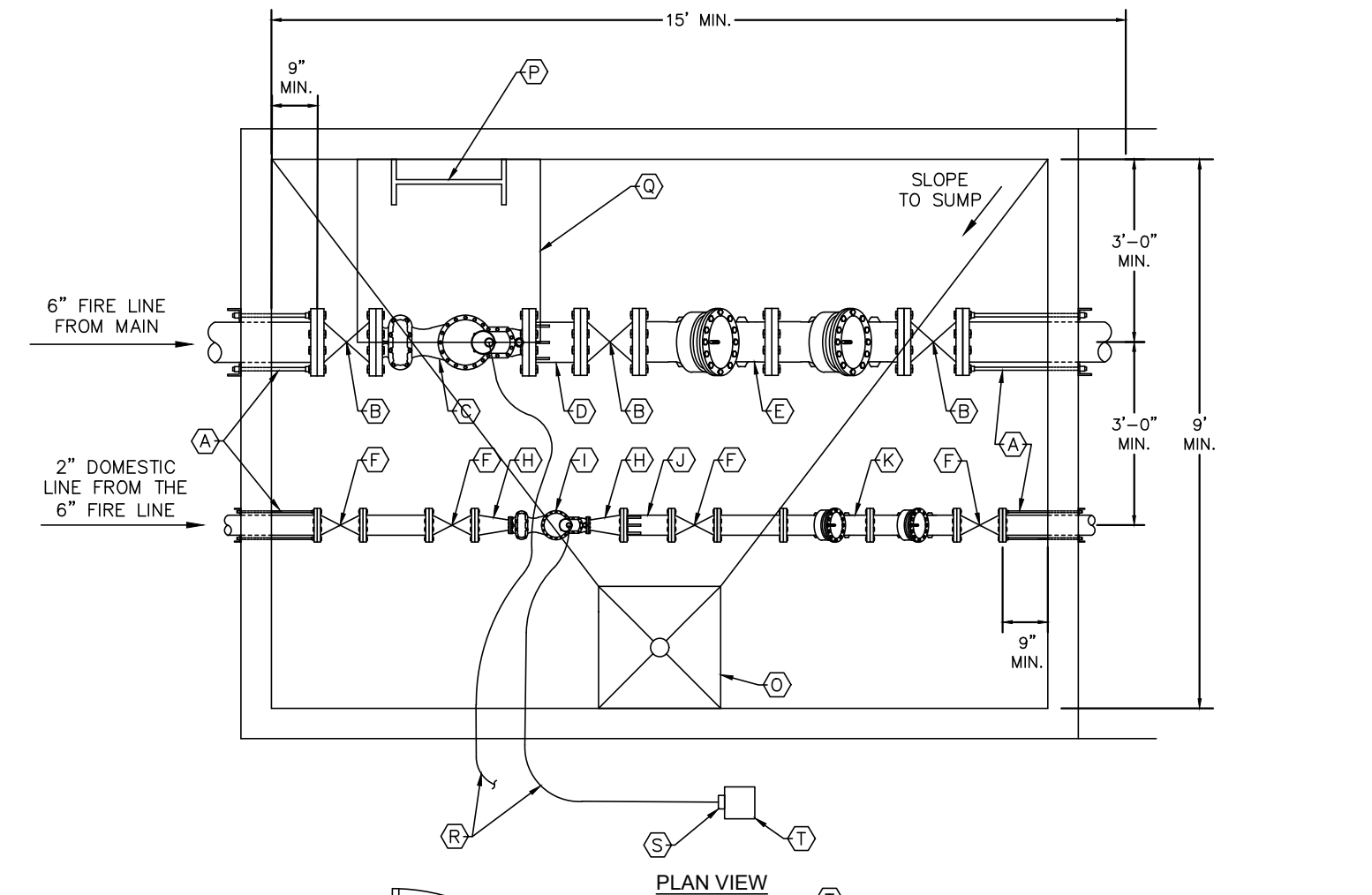
WATER MAIN UTILITY CROSSING DETAIL
NO SCALE



TYPICAL TRENCH BACKFILL FOR WATER MAINS
NO SCALE



EXISTING PAVED DRIVEWAYS



WATER METER VAULT DETAIL
NO SCALE

EQUIPMENT SCHEDULE VAULTS B & D

ITEM	DESCRIPTION
(A)	5/8" TIE RODS W/3" x 3" x 3/8" REACTION ANGLE IRON
(B)	6" NRS RESILIENT SEATED, AWWA C509 GATE VALVE
(C)	4" TURBO METER W/ BUILT IN STRAINER
(D)	6" FLANGED ADAPTER BY DRESSER OR SMITH-BLAIR
(E)	6" DOUBLE CHECK VALVE BACKFLOW PREVENTER BY WATTS 709 OR CONBRACO SERIES 40-600
(F)	2" NRS RELIENT SEATED AWWA C509 GATE VALVE
(H)	2" x 2" REDUCER
(I)	1.5" COMPOUND METER
(J)	2" FLANGED ADAPTER
(K)	2" DOUBLE CHECK VALVE BACKFLOW PREVENTER BY WATTS 709 OR CONBRACO SERIES 40-600
(O)	2' - 0" SQ. X 4" DEEP SUMP W/ 4" BACKFLOW VALVE EQUAL TO JOSAM 39970
(P)	ALUMINUM LADDER W/BILCO SAFETY EXTENSION
(Q)	3' - 0" SQ. ALUM. ACCESS HATCH EQUAL TO HALLIDAY PRODUCTS SIS CENTERED OVER METER
(R)	1" CONDUIT TO REMOTE READ-OUT POST
(S)	REMOTE READOUT
(T)	4" x 4" TREATED LUMBER READOUT POST
(U)	2" DOUBLE CHECK VALVE BACKFLOW PREVENTER BY WATTS 709 OR CONBRACO SERIES 40-600

- NOTES:**
1. CONSTRUCT METERING VAULT AS SHOWN TO MINIMUM DIMENSIONS AND GENERAL CONFIGURATION.
 2. PROVIDE PIPE SUPPORTS, TIE RODS, ANCHORS AND THRUST BRACING AT FITTINGS AND VALVES SUFFICIENT TO ALLOW PIPING TO STAND WITH REMOVAL OF METERS. FRICTION CLAMPS ARE NOT PERMITTED FOR RESTRAINT OF PIPING SYSTEMS.
 3. ALL VALVES AND BACK FLOW PREVENTORS TO BE MAINTAINED BY CUSTOMER.
 4. TIE RODS TO BE EMBEDDED IN CONCRETE OR BOLTED TO STEEL ON PLATES ON EXTERIOR WALLS. THE AUTHORITY SHALL INSPECT BEFORE BACKFILLING. AS AN ALTERNATE, A MEGA-LUG MAY BE UTILIZED ON THE INSIDE OF THE PIT AS RESTRAINT.
 5. VAULT SHALL BE DESIGNED TO WITHSTAND AASHTO H20 TRAFFIC LOADING.
 6. SLOPE FLOOR TO SUMP USING GROUT.
 7. CONCRETE STRUCTURE SHALL MEET REQUIREMENTS OF ASTM C478. DESIGN SHALL COMPLY WITH ACI 318. COMPRESSIVE STRENGTH SHALL BE 4,000 PSI AT 28 DAYS MINIMUM.
 8. CONTRACTOR HAS OPTION TO CONSTRUCT METER VAULT USING PRECAST OR REINFORCED CAST IN PLACE CONCRETE.
 9. ALL METERS ABOVE 2" IN SIZE SHALL BE SECURED PRIVATELY BY THE CONTRACTOR AND ALL SPECIFICATIONS PROVIDED TO THE AUTHORITY FOR APPROVAL.

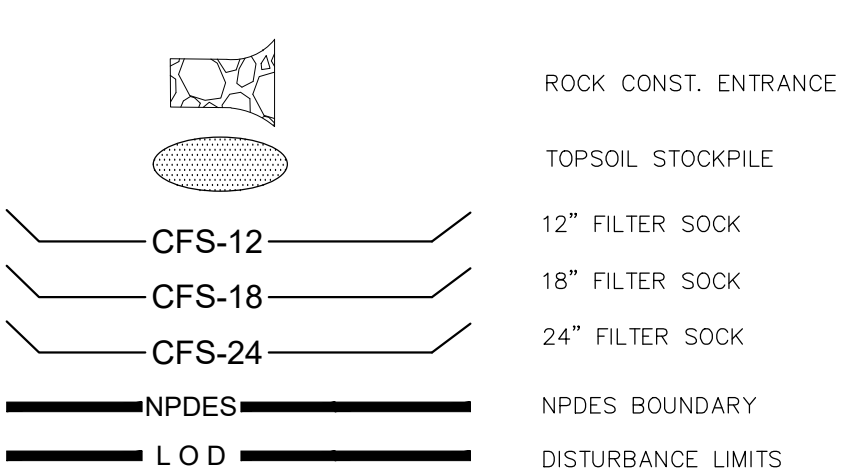
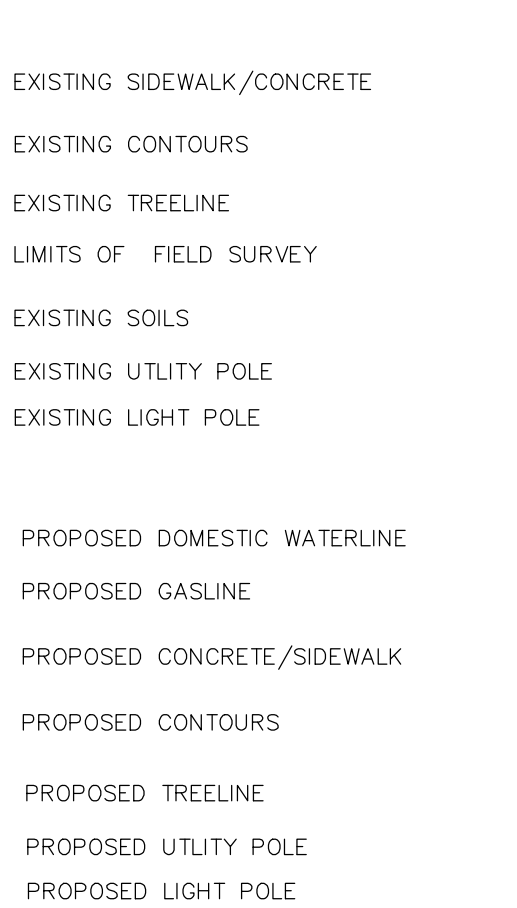
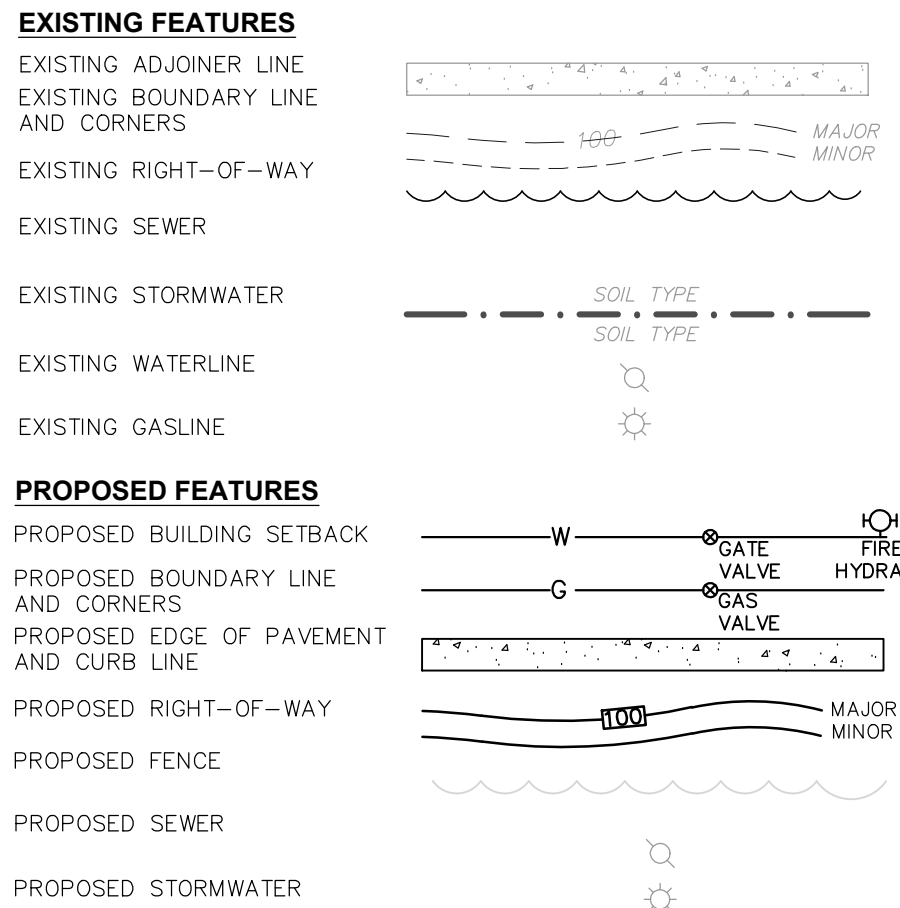
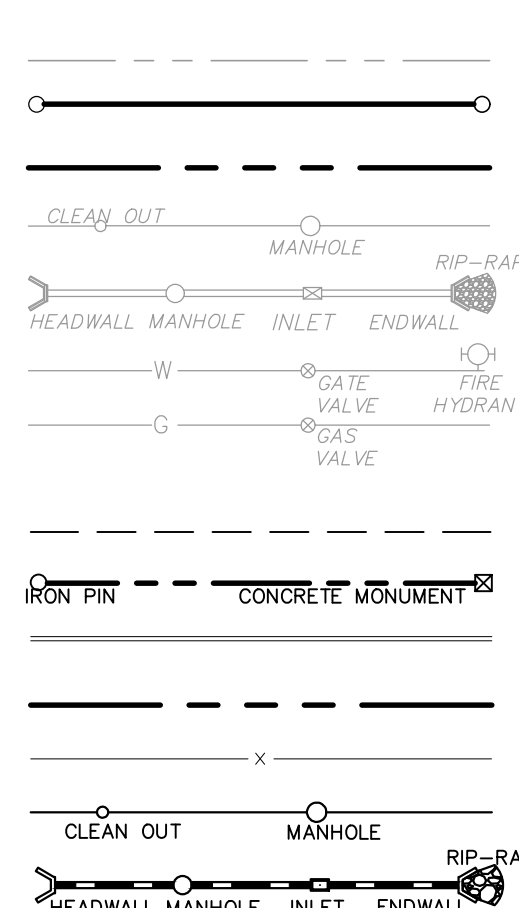
WATER DETAILS
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

is
 Steadbeck Engineering & Surveying, Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

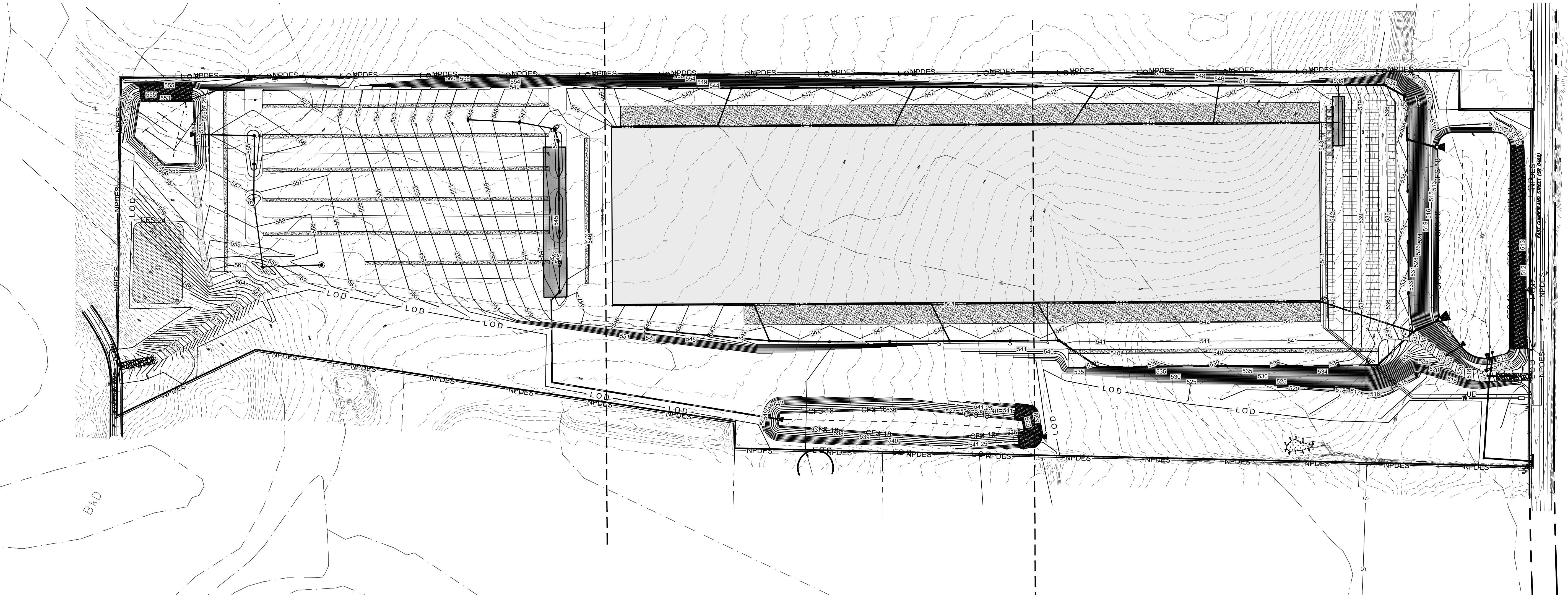
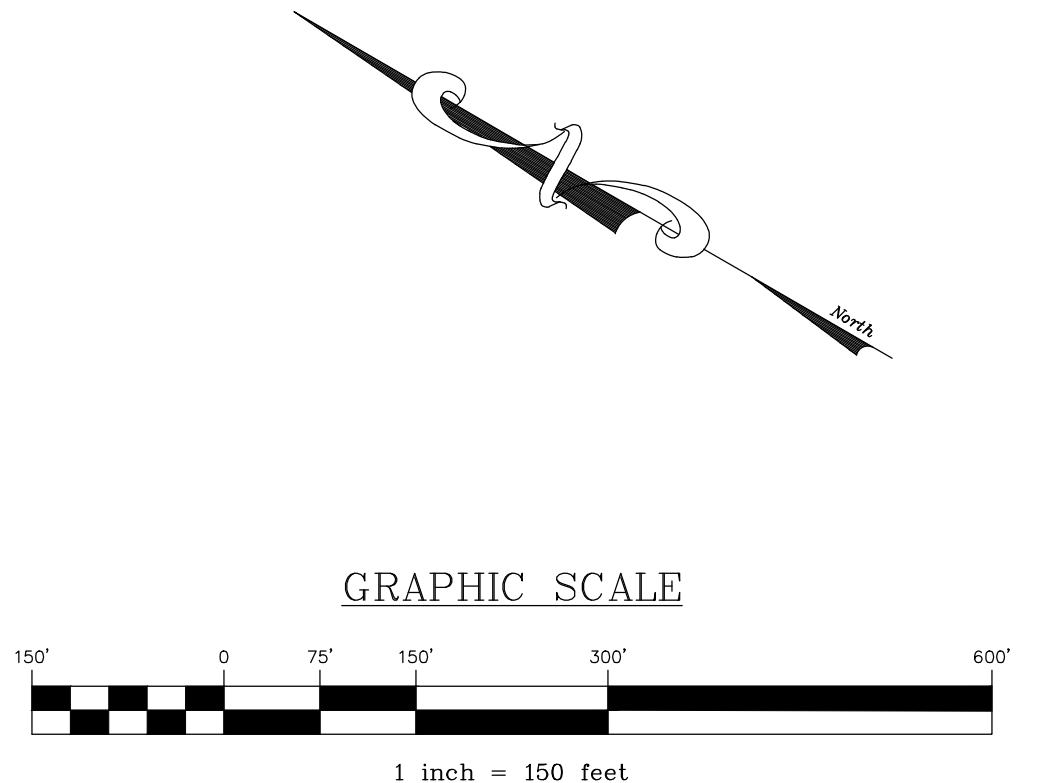
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BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	#2214-22-001

LEGEND

E&S LEGEND



SOIL DATA			
Map Symbol	Soil Name	Slope	Hydrologic Group
BeB	Bedington shaly silt loam	3-8%	B
BkB	Berks channery silt loam	3-8%	B
BkC	Berks channery silt loam	8-15%	B
BkD	Berks channery silt loam	15-25%	B
CkA	Clarksburg silt loam	0-3%	C
CmA	Comly silt loam	0-3%	C
DfB	Duffield silt loam	3-8%	B
ThA	Thorndale silt loam	0-3%	C/D
ThB	Thorndale silt loam	3-8%	C/D



REVISION	DATE	BY

OVERALL EROSION AND SEDIMENT POLLUTION CONTROL PLAN
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

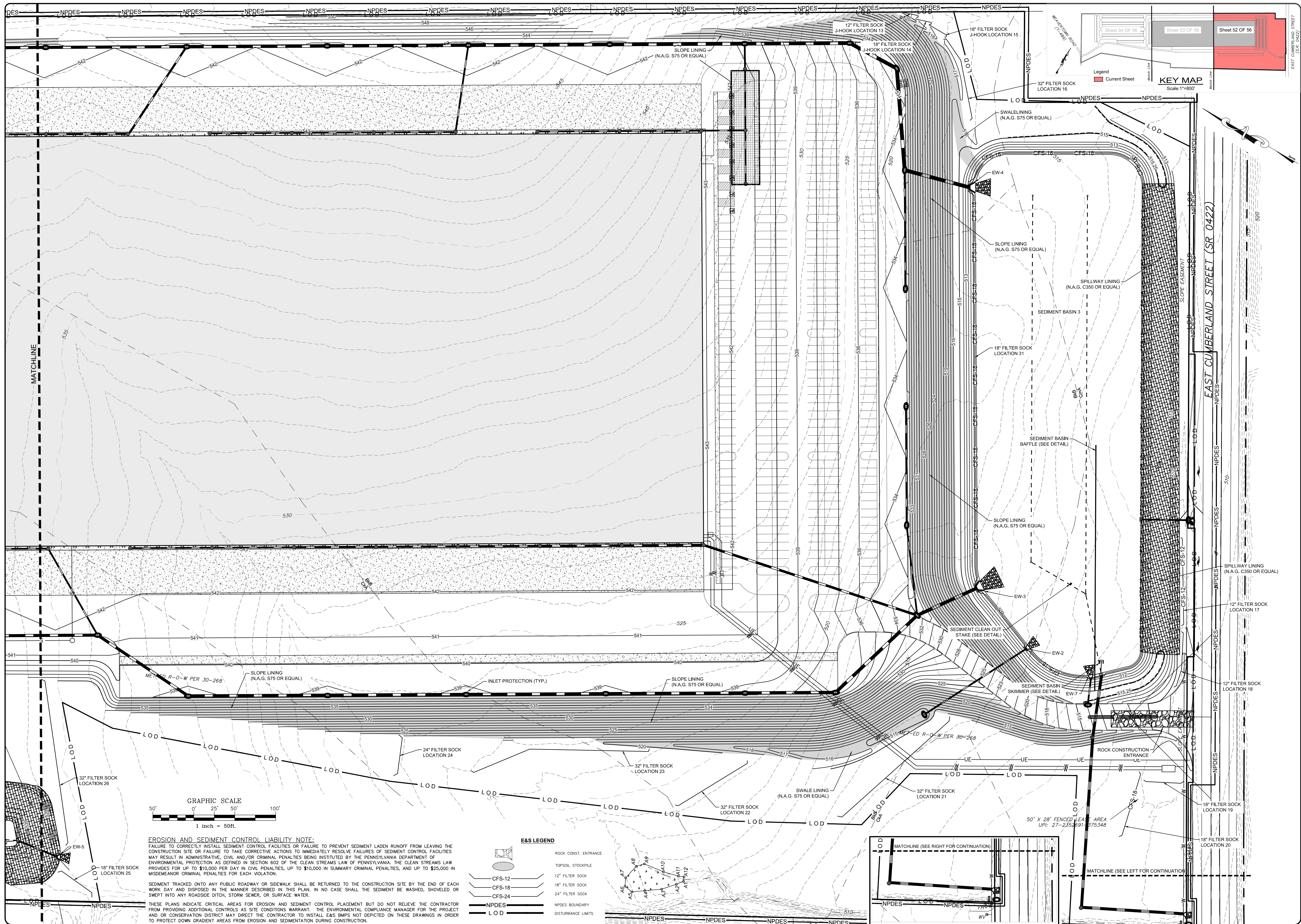
Steadbeck Engineering & Surveying Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

EROSION AND SEDIMENT CONTROL LIABILITY NOTE:
 FAILURE TO CORRECTLY INSTALL SEDIMENT CONTROL FACILITIES OR FAILURE TO PREVENT SEDIMENT LADEN RUNOFF FROM LEAVING THE CONSTRUCTION SITE OR FAILURE TO TAKE CORRECTIVE ACTIONS TO IMMEDIATELY RESOLVE FAILURES OF SEDIMENT CONTROL FACILITIES MAY RESULT IN ADMINISTRATIVE, CIVIL AND/OR CRIMINAL PENALTIES BEING INSTITUTED BY THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AS DEFINED IN SECTION 602 OF THE CLEAN STREAMS LAW OF PENNSYLVANIA. THE CLEAN STREAMS LAW PROVIDES FOR UP TO \$10,000 PER DAY IN CIVIL PENALTIES, UP TO \$10,000 IN SUMMARY CRIMINAL PENALTIES, AND UP TO \$25,000 IN MISDEMEANOR CRIMINAL PENALTIES FOR EACH VIOLATION.

SEDIMENT TRACKED ONTO ANY PUBLIC ROADWAY OR SIDEWALK SHALL BE RETURNED TO THE CONSTRUCTION SITE BY THE END OF EACH WORK DAY AND DISPOSED IN THE MANNER DESCRIBED IN THIS PLAN. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED OR SWEEPED INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.

THESE PLANS INDICATE CRITICAL AREAS FOR EROSION AND SEDIMENT CONTROL PLACEMENT BUT DO NOT RELIEVE THE CONTRACTOR FROM PROVIDING ADDITIONAL CONTROLS AS SITE CONDITIONS WARRANT. THE ENVIRONMENTAL COMPLIANCE MANAGER FOR THE PROJECT AND OR CONSERVATION DISTRICT MAY DIRECT THE CONTRACTOR TO INSTALL E&S BMPs NOT DEPICTED ON THESE DRAWINGS IN ORDER TO PROTECT DOWN GRADIENT AREAS FROM EROSION AND SEDIMENTATION DURING CONSTRUCTION.

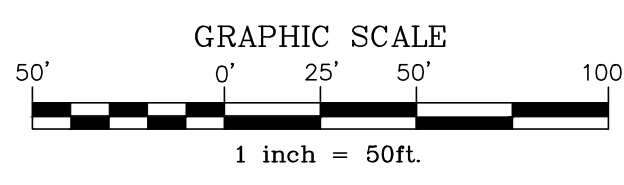
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BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=150'
PROJECT #	#2214-22-001



Sheet 54 OF 56 Sheet 53 OF 56 Sheet 52 OF 56

Legend: Current Sheet

KEY MAP
Scale: 1"=800'

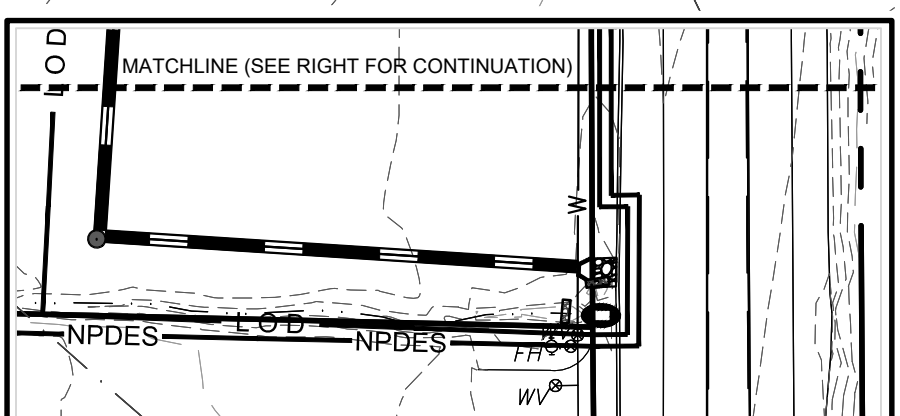


EROSION AND SEDIMENT CONTROL LIABILITY NOTE:
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- E&S LEGEND**
- ROCK CONST. ENTRANCE
 - TOPSOIL STOCKPILE
 - 12" FILTER SOCK
 - 18" FILTER SOCK
 - 24" FILTER SOCK
 - 32" FILTER SOCK
 - NPDES BOUNDARY
 - LOD

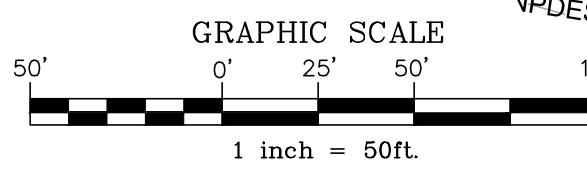
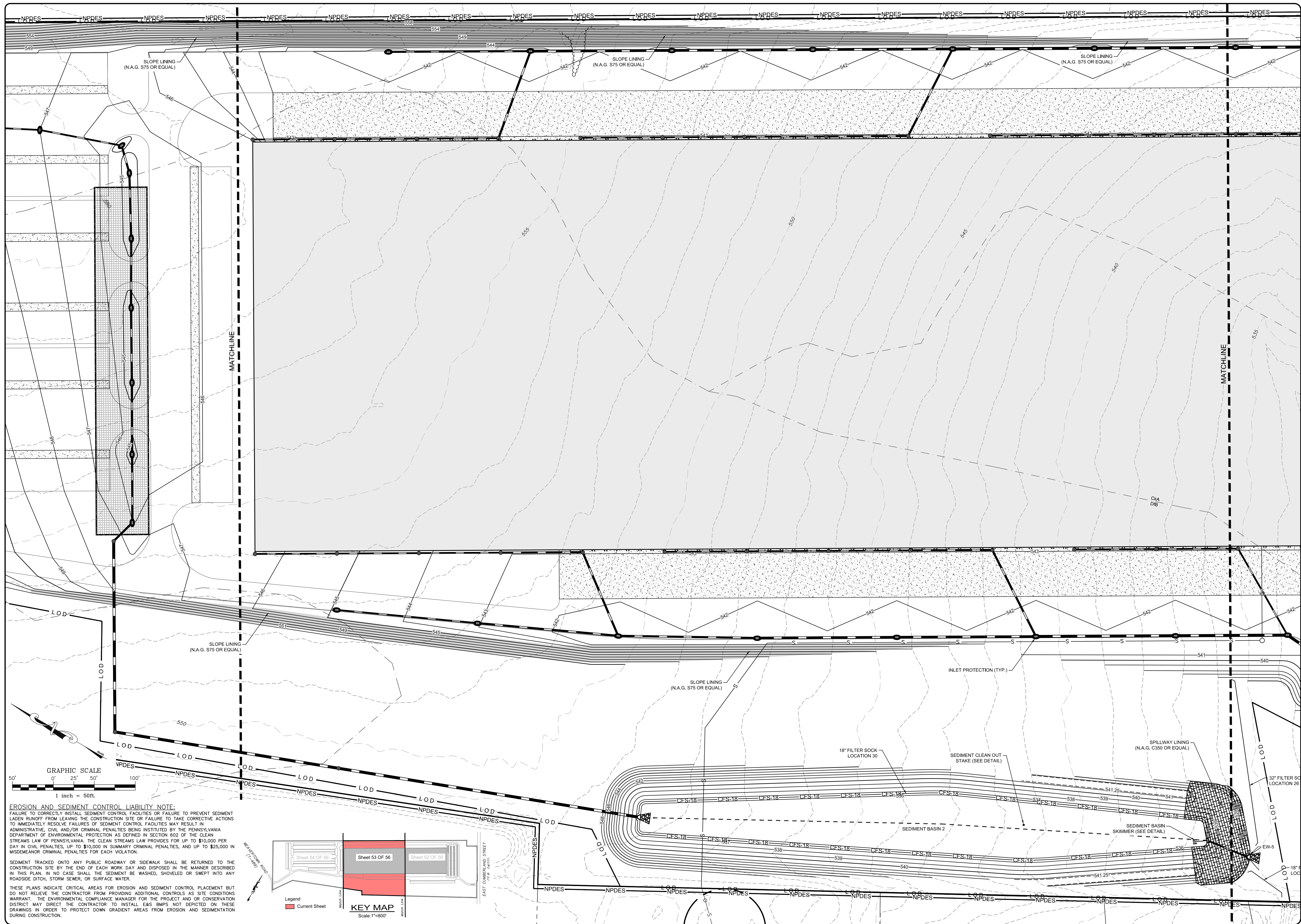


REVISION	DATE	BY

EROSION AND SEDIMENT POLLUTION CONTROL PLAN
PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
For
NLT WAREHOUSE AND TRAILER STORAGE
located in
North Lebanon Township
Lebanon County, Pennsylvania

Sesi
Sesi Engineering & Surveying, Inc.
279 Lebanon, Pennsylvania 17042
Phone: (717) 272-7110
Fax: (717) 272-7348

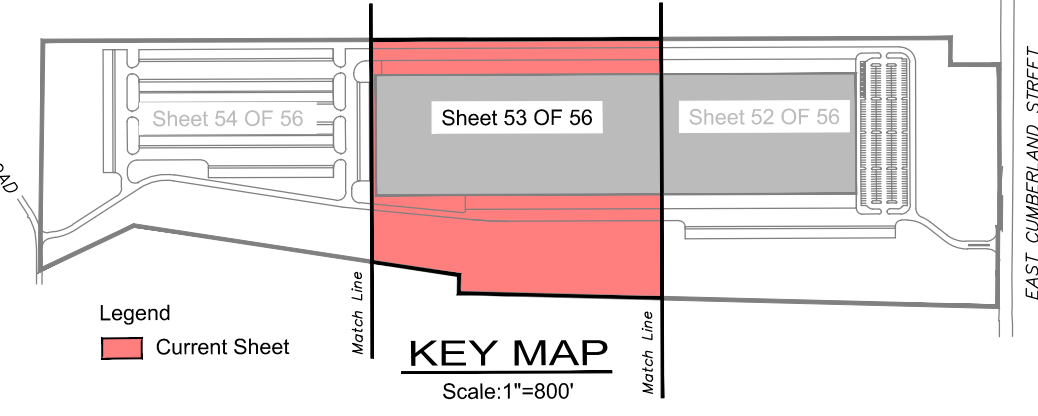
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DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	#2214-22-001



EROSION AND SEDIMENT CONTROL LIABILITY NOTE:
 FAILURE TO CORRECTLY INSTALL SEDIMENT CONTROL FACILITIES OR FAILURE TO PREVENT SEDIMENT LADEN RUNOFF FROM LEAVING THE CONSTRUCTION SITE OR FAILURE TO TAKE CORRECTIVE ACTIONS TO IMMEDIATELY RESOLVE FAILURES OF SEDIMENT CONTROL FACILITIES MAY RESULT IN ADMINISTRATIVE, CIVIL AND/OR CRIMINAL PENALTIES BEING INSTITUTED BY THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AS DEFINED IN SECTION 602 OF THE CLEAN STREAMS LAW OF PENNSYLVANIA. THE CLEAN STREAMS LAW PROVIDES FOR UP TO \$10,000 PER DAY IN CIVIL PENALTIES, UP TO \$10,000 IN SUMMARY CRIMINAL PENALTIES, AND UP TO \$25,000 IN MISDEMEANOR CRIMINAL PENALTIES FOR EACH VIOLATION.

SEDIMENT TRACKED ONTO ANY PUBLIC ROADWAY OR SIDEWALK SHALL BE RETURNED TO THE CONSTRUCTION SITE BY THE END OF EACH WORK DAY AND DISPOSED IN THE MANNER DESCRIBED IN THIS PLAN. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED OR SWEEPED INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.

THESE PLANS INDICATE CRITICAL AREAS FOR EROSION AND SEDIMENT CONTROL PLACEMENT BUT DO NOT RELIEVE THE CONTRACTOR FROM PROVIDING ADDITIONAL CONTROLS AS SITE CONDITIONS WARRANT. THE ENVIRONMENTAL COMPLIANCE MANAGER FOR THE PROJECT AND OR CONSERVATION DISTRICT MAY DIRECT THE CONTRACTOR TO INSTALL EAS BMPs NOT DEPICTED ON THESE DRAWINGS IN ORDER TO PROTECT DOWN GRADIENT AREAS FROM EROSION AND SEDIMENTATION DURING CONSTRUCTION.



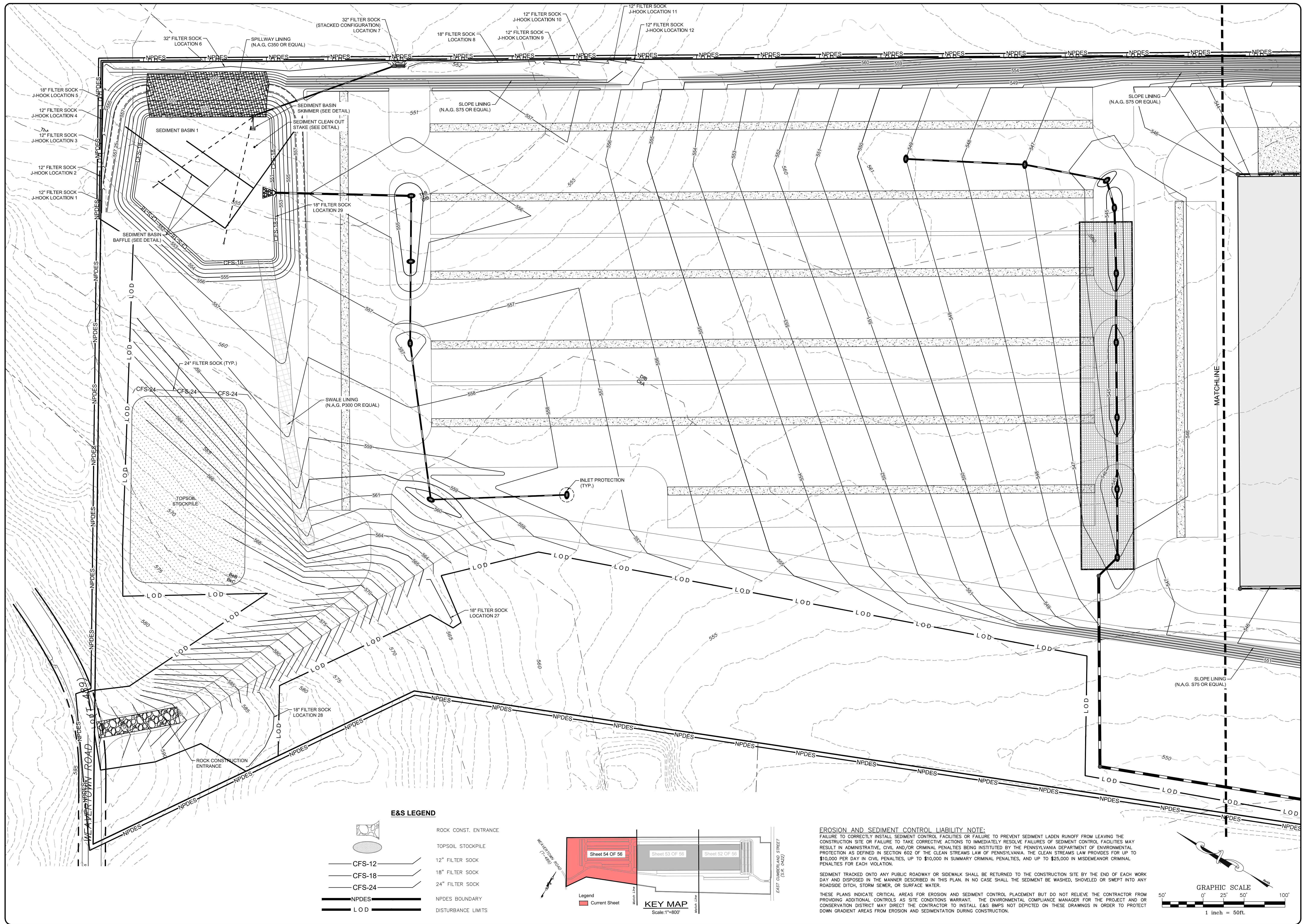
BY	-----
DATE	-----

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EROSION AND SEDIMENT POLLUTION CONTROL PLAN
PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

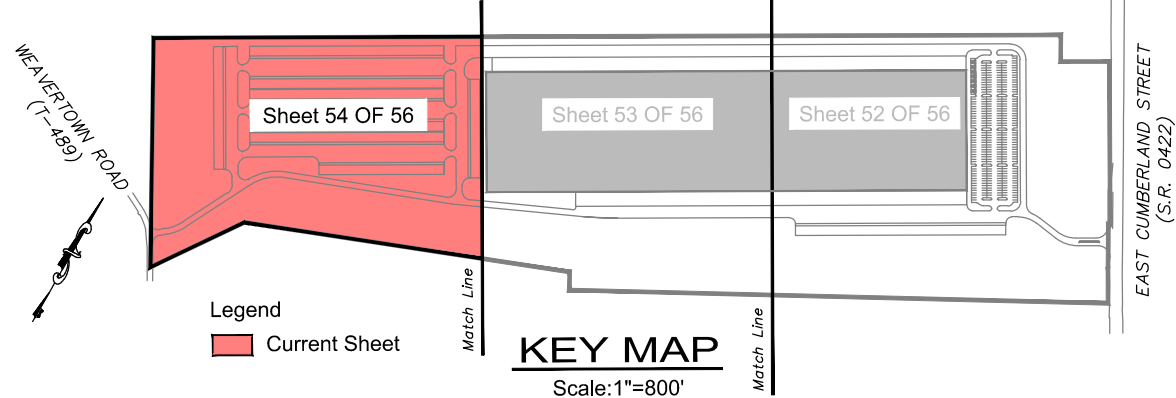
Steadbeck Engineering & Surveying, Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
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DATE:	08-05-22
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PROJECT #	2214-22-001



E&S LEGEND

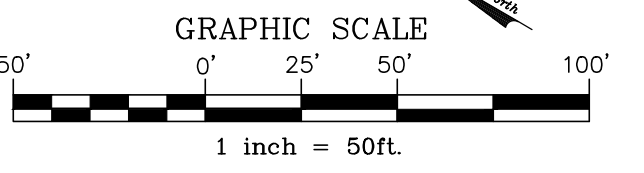
- ROCK CONST. ENTRANCE
- TOPSOIL STOCKPILE
- CFS-12
- CFS-18
- CFS-24
- NPDES BOUNDARY
- LOD
- 12" FILTER SOCK
- 18" FILTER SOCK
- 24" FILTER SOCK
- NPDES BOUNDARY
- DISTURBANCE LIMITS



EROSION AND SEDIMENT CONTROL LIABILITY NOTE:
 FAILURE TO CORRECTLY INSTALL SEDIMENT CONTROL FACILITIES OR FAILURE TO PREVENT SEDIMENT LADEN RUNOFF FROM LEAVING THE CONSTRUCTION SITE OR FAILURE TO TAKE CORRECTIVE ACTIONS TO IMMEDIATELY RESOLVE FAILURES OF SEDIMENT CONTROL FACILITIES MAY RESULT IN ADMINISTRATIVE, CIVIL AND/OR CRIMINAL PENALTIES BEING INSTITUTED BY THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AS DEFINED IN SECTION 602 OF THE CLEAN STREAMS LAW OF PENNSYLVANIA. THE CLEAN STREAMS LAW PROVIDES FOR UP TO \$10,000 PER DAY IN CIVIL PENALTIES, UP TO \$10,000 IN SUMMARY CRIMINAL PENALTIES, AND UP TO \$25,000 IN MISDEMEANOR CRIMINAL PENALTIES FOR EACH VIOLATION.

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EROSION AND SEDIMENT POLLUTION CONTROL PLAN
 PRELIMINARY/FINAL LAND DEVELOPMENT PLAN
 For
NLT WAREHOUSE AND TRAILER STORAGE
 located in
 North Lebanon Township
 Lebanon County, Pennsylvania

Brock Engineering & Surveying, Inc.
 279 Lebanon, Pennsylvania 17042
 Phone: (717) 272-7110
 Fax: (717) 272-7348

FIELD CREW:	TB/SS
BASE MAP:	MA
DRAWN:	CDS
DESIGN:	CDS
CHECKED:	SS
DATE:	08-05-22
SCALE:	1"=50'
PROJECT #	#214-22-001

