Property	Location	Class	Owner
00036 00020	689 WOODGLEN ROAD	1	FERDINAND, WAYNE & NIEVES 34 CLOVERHILL DR CALIFON NJ 07830
00036 00022 03	71 ANTHONY ROAD	15F	PAULUS, JOHN L & ELAINE 71 ANTHONY ROAD GLEN GARDNER NJ 08826
00049 00001 Q0134	688 WOODGLEN ROAD	3B	WESTPHALEN, FRED J & RYANN BERNARD 688 WOODGLEN RD GLEN GARDNER NJ 08826
00049 00004 02	51-55 ANTHONY ROAD ANTHONY PRESERVE	15C	LEBANON TWP/NJ WATER SUPPLY AUTH 530 WEST HILL ROAD GLEN GARDNER NJ 08826
00057 00015	107 MT LEBANON ROAD	1	MONAGHAN, KATHERINE & JOHN 109 MOUNT LEBANON ROAD GLEN GARDNER NJ 08826
00057 00017 01	109 MT LEBANON ROAD	2	MONAGHAN, JOHN & KATHERINE 109 MOUNT LEBANON RD GLEN GARDNER NJ 08826
00057 00017 03	5 DIMITRA DRIVE	2	CONNELLY, LAUREN & A SHELLENBERGER 5 DIMITRA DR GLEN GARDNER NJ 08826
00057 00017 04	4 DIMITRA DRIVE	2	MELISI, GWEN M 4 DIMITRA DRIVE GLEN GARDNER NJ 08826
00057 00020 05	5 WINTERS DRIVE	2	FOREMAN, TOM&FRANCESHAVILAND,M 5 WINTERS DR GLEN GARDNER NJ 08826
00057 00021	54 ANTHONY ROAD	2	PAPANTONIS, PERRY C & SIOBHAN QUINN 54 ANTHONY ROAD GLEN GARDNER NJ 08826
00057 00021 01 Q0164	5 BEECH BROOK LANE	ЗB	FISHER, RONALD K 5 BEECH BROOK LN GLEN GARDNER NJ 08826
00057 00021 02	52 ANTHONY ROAD	1	PAPANTONIS, PERRY C & SIOBHAN 54 ANTHONY ROAD GLEN GARDNER NJ 08826
00057 00021 03	3 BEECH BROOK LANE	2	DILELLO, RUSSELL V & KATHLEEN A 3 BEECH BROOK LANE GLEN GARDNER NJ 08826
00057 00022	56 ANTHONY ROAD	2	MCVICAR, JAMIE MARIE TULLO- 10 STILLWATTERS WAY GLEN GARDNER NJ 08826
00057 00023	62 ANTHONY ROAD	2	THE NAR GROUP INC 62 ANTHONY RD GLEN GARDNER NJ 08826
00057 00024	68 ANTHONY ROAD	2	TULLO, DAVID 10 STILLWATTERS WAY GLEN GARDNER NJ 08826
00057 00025	70 ANTHONY ROAD	2	SEIDNER, MATTHEW E & JACLYN M MUSUM 70 ANTHONY RD GLEN GARDNER NJ 08826
00057 00026	72 ANTHONY ROAD	38	JACOBSON, ANITA PO BOX 1352
00057 00027 Q0165	10 STILLWATTERS WAY	38	TULLO, DAVID J & SUSAN J 10 STILLWATERS WAY GLEN GARDNER NJ 08826
00057 00028 01	76 ANTHONY ROAD	2	LARSON, MARLENE K 76 ANTHONY ROAD GLEN GARDNER NJ 08826
00057 00028 03	74 ANTHONY ROAD	2	HARTMAN, JOEL 74 ANTHONY RD GLEN GARDNER NJ 08826
36 21 0125	67 ANTHONY ROAD	38	JACOBSON, JAMIE A REVOCABLE TRUST PO BOX 1352 FAONIA CO 81428.1352
36 21.01 20125	69 ANTHONY ROAD	3B	JACOBSON, JAMIE A REVOCABLE TRUST PO BOX 1352 PAONIA CO 81428.1352
57 26.01 20125	2 STILLWATTERS WAY	3В	JACOBSON, JAMIE A REVOCABLE TRUST PO BOX 1352 PAONIA CO 81428

UTILITY COMPANIES

Comcast Cable Systems 155 Port Murray Rd. Port Murray, NJ 07865

Hunterdon County Planning Board PO Box 2900, Flemington, NJ 08822

JCP&L c/o RE Service Tax Dept. PO Box 1911. Morristown NJ 07962-1911

Elizabethtown Gas Co. PO Box 3175 Union, NJ 07083-3175. NJ Dept. of Transportation CN 600, 1075 Parkway Avenue Trenton, NJ 08625

Public Service Electric & Gas Co. 80 Park Plaza, T6B Newark, NJ 07102

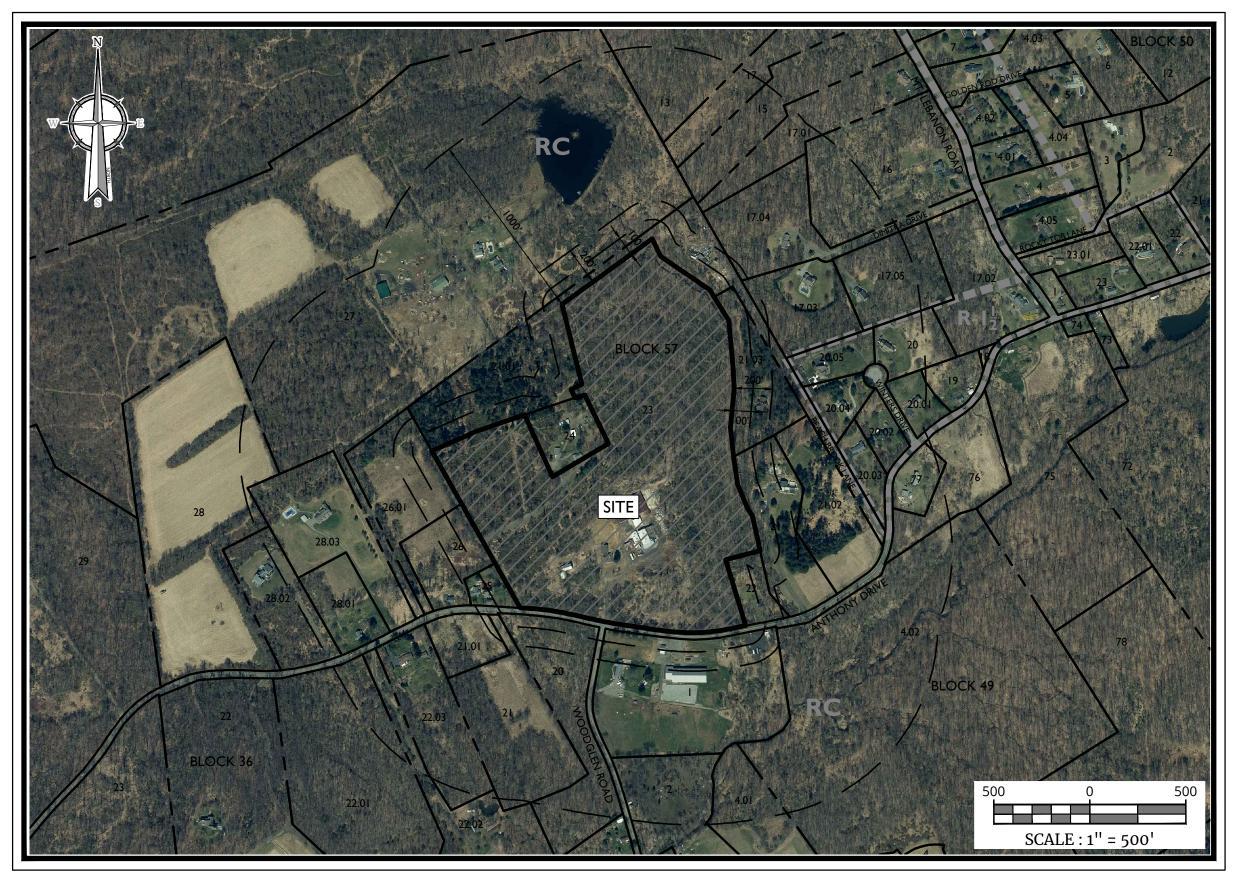
Sprint United Telephone of NJ P.O. Box 1201 Carlisle, Pa. 17013

State of New Jersey Highlands Water Protection & Planning Council 100 North Road (Route 513) Chester, NJ 07930

	INDEX OF SHEETS
SHT. No.	DESCRIPTION
Ι	COVER SHEET
2-5	EXISTING CONDITIONS & ENVIRONMENTAL INVENTORY PLAN
6	OVERALL SITE LAYOUT PLAN
7	SITE LAYOUT PLAN
8	GRADING PLAN
9	LANDSCAPE PLAN
10	LIGHTING PLAN
П	LANDSCAPE & LIGHTING DETAILS
12	TRUCK TURNING MOVEMENT PLAN
13	WOODLAND MANAGEMENT PLAN
14	WETLAND PERMIT PLAN
15	SITE CLEANING DISTURBANCE PLAN
16	SOIL EROSION & SEDIMENT CONTROL PLAN
17	SOIL EROSION & SEDIMENT CONTROL DETAILS
18-24	CONSTRUCTION DETAILS
	I 2-5 6 7 8 9 10 11 12 13 14 15 16 17

FOR THE NAR GROUP INC. BLOCK 57, LOT 23 LEBANON TOWNSHIP HUNTERDON COUNTY, NEW JERSEY

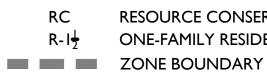
D VARIANCE/PRELIMINARY/FINAL MAJOR SITE PLAN 62 ANTHONY ROAD HARVESTING FACILITY



APPROVED BY THE BOARD OF ADJUSTMENT OF THE TOWNSHIP OF LEBANON AT TH
REGULAR MEETING OF
DATE

	_	
THAIRMAN	•	DATE
ECRETARY		DATE
ENGINEER		DATE

KEY & ZONING MAP



RESOURCE CONSERVATION ONE-FAMILY RESIDENTIAL

	GENERA										
OF L	EBANON TOWNSHIP, HUNTERDON COL IARY I, 2003.					Colliers					
TRAC	PROPERTY IS LOCATED IN THE RESOURC CT AREA OF 1,931,275 SF, 44.336 ACRES.		ON (RC) ZONE DIS			Engineering					
OWN	IER: NITIN MANGLANI 62 ANTHONY ROAD GLEN GARDNER, NJ 08826 848-333-8951	& Design									
APPL	APPLICANT: THE NAR GROUP, INC. P.O. BOX 4098 2 TECHNOLOGY DRIVE WARREN, NJ 07059 848-333-8951 APPLICANT: THE NAR GROUP, INC. P.O. BOX 4098 2 TECHNOLOGY DRIVE Work © 2023. Colliers Engineering & Design All Rights Reserved. This drawing and all the information contained herein is authorized for use only by the party for whom the services were contracted or to whom it is certified. This drawing may not be copied, reused, disclosed, distributed or relied upon for any other purpose										
	SUBJECT PROPERTY IS PRESENTLY OCCUP DDLANDS. THE APPLICANT PROPOSES TO				ONE DRIVES AND	without the express written consent of Colliers Engineering & Design.					
5. BOUI RAME	E DATA: RC ZONE - RESOURCE CONSERVA NDARY SURVEY INFORMATION SHOWN H ESH, NITIN & RACHNA MANGLANI", SHEET	HEREON IS TAKE	EN FROM A PLAN 9 8/1/19, PREPARED			Doing Business as PROTECT YOURSELF ALL STATES REQUIRE NOTIFICATION OF					
6. THE FOR DATE	GS43277 OF NEW JERSEY, OF BOHREN AND TOPOGRAPHIC INFORMATION SHOWN H BLOCK 57 LOT 23, 62 ANTHONY ROAD ED 2/1/2022, REVISED ON 3/22/22, AND PRE	IEREON IS TAKE , TOWNSHIP O	n from a plan e F lebanon, hun	ITERDON COUNT	ΓΥ, NEW JERSEY",	EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE Know what's Delow. Call before you dig.					
7. THE ENVIE FRESH	OLLIERS ENGINEERING & DESIGN. LIMITS OF FRESHWATER WETLANDS SH RONMENTAL CONSULTING; DECEMBER HWATER WETLANDS/WATER BOUNDARY 220001 ISSUED ON MAY 10, 2023.	2021 AND LO	OCATED BY COL	LLIERS ENGINEER	RING & DESIGN.	FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM					
TOW	00 YEAR FLOOD PLAINS ARE KNOWN TO 'NSHIP OF LEBANON, COUNTY OF HUNT RAL EMERGENCY MANAGEMENT AGENCY.	erdon, new je	RSEY, DATED SEPT	TEMBER 25, 2009 P	REPARED BY THE						
REGA ENGI CON FOR UND ENVIE	SET OF PLANS IS NOT DEPICTING EN RDING THE PRESENCE OR ABSENCE ON NEERING & DESIGN HAS PERFORMED CLUSIONS OR OTHER SITE ENVIRONMENT CHEMICAL, TOXIC, RADIOACTIVE OR OTH ERSIGNED PROFESSIONAL IS NOT QU RONMENTAL CONTAMINATION OR WAY DNSIBLE FOR COMPLYING WITH ALL APPLI	OF ENVIRONME NO EXPLORA AL SERVICES RE HER TYPE OF CC JALIFIED TO E STE BE DISCOVI	ENTALLY IMPACTE TORY OR TESTIN LATED TO THE DE DNTAMINANTS AFF DETERMINE THE ERED, THE OWNE	ED SITE CONDI NG SERVICES, IN TERMINATION OI FECTING THE PRO EXISTENCE OF ER AND CONTRA	TIONS. COLLIERS NTERPRETATIONS, F THE POTENTIAL DPERTY AND THE SAME. SHOULD						
II. DO I	IS A SITE DEVELOPMENT PLAN AND UNLES NOT SCALE DRAWINGS AS THEY PERTA DINGS, STRUCTURES, ETC. THEY ARE SCHE	NN TO ADJACE	ent and surrou	UNDING PHYSIC	al conditions,						
12. THIS THIS HAVE STAM DRAV	SET OF PLANS HAS BEEN PREPARED FOR T SET OF PLANS SHALL NOT BE UTILIZED A E BEEN OBTAINED, ALL CONDITIONS OF IPED "ISSUED FOR CONSTRUCTION". T WINGS AND/OR DESIGN CALCULATION NEER.	HE PURPOSES O S CONSTRUCTI APPROVAL HAV HIS SHALL INC	F MUNICIPAL AND ION DOCUMENTS E BEEN SATISFIED LUDE APPROVAL	AGENCY REVIEW UNTIL ALL APPR AND THE DRAW OF ALL CATAL	AND APPROVAL. OVALS REQUIRED /INGS HAVE BEEN OG CUTS, SHOP						
13. THE	CONTRACTOR IS RESPONSIBLE FOR PRO CES AND TRAINING REQUIRED.	ect safety, in	CLUDING PROVISI	ION OF ALL APPP	ROPRIATE SAFETY						
	R TO ANY EXCAVATION, THE CONTRACT		-			DESCRIPTION					
I6. THE	RENOVATION OF THE EXISTING BARN IS	THE ONLY BUIL	.DING TO BE USED	D FOR THE CULTI	VATION CENTER.						
WILL	DTHER BUILDINGS WILL REMAIN AS IS. THE BE USED FOR AGRICULTURAL LABOR HOU	JSING.				DRAWN BY					
	GHLAND PRESERVATION AREA EXEMPTIC 'NSHIP ENGINEER ON LOT 23, BLOCK 57 A					╟ ╴╷╷╷╷╷╷╷╷╷╷					
THESE (GENERAL NOTES SHALL APPLY TO ALL SHE	ETS IN THIS SET. REQUIRED	EXISTING	PROPOSED	1	DATE					
	MINIMUM LOT AREA	7.5 AC	44.336 AC	44.336 AC		REV REV REV					
	MINIMUM LOT WIDTH MINIMUM LOT FRONTAGE	350 FT 350 FT	1,231.39 FT 1,224.21 FT	1,231.39 FT 1,224.21 FT	-						
	PRINCIPAL BUILDING MINIMUM FRONT YARD	50 FT	170.93 FT	170.93 FT	-						
	MINIMUM FRONT YARD MINIMUM REAR YARD MINIMUM SIDE YARD (ONE)	50 FT 50 FT 50 FT	170.93 F1 197.82 FT 278.24 FT	197.82 FT		STATE OF					
	TOTAL TWO SIDE YARDS	100 FT	278.24 FT 782.64 FT	278.24 FT 782.64 FT		El Colallar					
	MAXIMUM BUILDING HEIGHT (STORIES) MAXIMUM BUILDING HEIGHT	2 ¹ / ₂ 35 FT	2 30 FT	2 30 FT	-	Com le glan					
	ACCESSORY BUILDING					ONAU Digitally signed by Edwin Caballero					
	MAXIMUM BUILDING HT. (STORIES) MAXIMUM BUILDING HEIGHT	2 30 FT	2 30 FT	2 30 FT		Edwin Caballero New JERSEY LICENSED PROFESSIONAL ENGINEER					
	MAXIMUM IMPERVIOUS COVERAGE (PERCENT) MAXIMUM IMPERVIOUS COVERAGE	-	5.19%	5.52%	-	LICENSE NUMBER: GE37447 COLLIERS ENGINEERING & DESIGN, INC. N.J. C.O.A. #: 24GA27986500					
	(SQUARE FEET) MAXIMUM IMPERVIOUS COVERAGE (ACRES) PARKING	-	100,231.56 SF 2.301 AC	106,591.32 SF 2.447 AC	-	D VARIANCE/PRELIMINARY/					
	USE: I SPACE/ 800 SF LOADING: I SPACE/50,000 SF	22 I	NA NA	22 I	-	FINAL MAJOR SITE PLAN					
	ADA: TOTAL	l 22	NA NA	l 22		FOR					
						THE NAR GROUP INC.					
						BLOCK 57					
						LOT 23 TOWNSHIP OF LEBANON HUNTERDON COUNTY					
						NEW JERSEY CLINTON Shelbourne at Hunterdon 52 Frontage Dead Suite 110					
						53 Frontage Road, Suite 110 Hampton, NJ 08827 Engineering Phone: 908.238.0900 & Design Colliers Engineering & Design, INC. DOING BUSINESS AS MASER CONSULTING					
						SCALE: DATE: DRAWN BY: CHECKED BY: AS SHOWN 7/11/23 AJH EC PROJECT NUMBER: DRAWING NAME: 21006778B C-CVER					
						COVER SHEET					
						sheet number: 1 of 24					

HUNTERDON COUNTY SOILS SURVEY									
SOIL NAME	DEPTH TO SEASONAL HIGH WATER TABLE	DEPTH TO BEDROCK							
CakB	6 – 30 INCHES	20 – 30 INCHES							
CanBb	6 – 30 INCHES	20 – 30 INCHES							
CoaA	0 – 12 INCHES	20 – 30 INCHES							
CoaBb	0 – 12 INCHES	20 – 26 INCHES							
GkaoB	>80 INCHES	60 – 80 INCHES							
GkaoC2	>80 INCHES	39 – 60 INCHES							
ParC	>80 INCHES	39 – 60 INCHES							
ParEe	>80 INCHES	39 – 60 INCHES							

ENVIRONMENTAL NOTES:

- HISTORICAL AND CULTURAL RESOURCES OCCURRING ON THIS PROPERTY CAN BE FOUND IN A REPORT ENTITLED "LEBANON TOWNSHIP NATURAL RESOURCES INVENTORY 2003" PREPARED BY THE LEBANON TOWNSHIP ENVIRONMENTAL AND OPEN SPACE COMMISSION. BASED ON THE ABOVE REFERENCED REPORT THERE ARE NO HISTORICAL STRUCTURE PRESENT ON BLOCK 57 LOT 23. BASED ON THE ABOVE REFERENCED REPORT THERE ARE STATE THREATENED SPECIES AND STATE ENDANGERED SPECIES LOCATED ON BLOCK 57 LOT 23.
- NO BRIDGES, ENTRANCE GATES OR ISOLATED TREES GREATER THAN 10" DIAMETER TO THE PROPERTY, DRIFTWAYS OR DAMS ARE KNOW TO BE LOCATED ON BLOCK 57 LOT 23.
- 3. FOR THE IDENTIFICATION OF THREATENED AND ENDANGERED PLANTS AND ANIMALS, AS IDENTIFIED BY THE NJDEP NATURAL HERITAGE PROGRAM PLEASE SEE REPORT ENTITLED "LEBANON MEDICAL CANNABIS CULTIVATION CENTER", DATED FEBRUARY 25, 2022, PREPARED BY NJ FORESTRY SERVICE OFFICE OF NATURAL LAND MANAGEMENT.

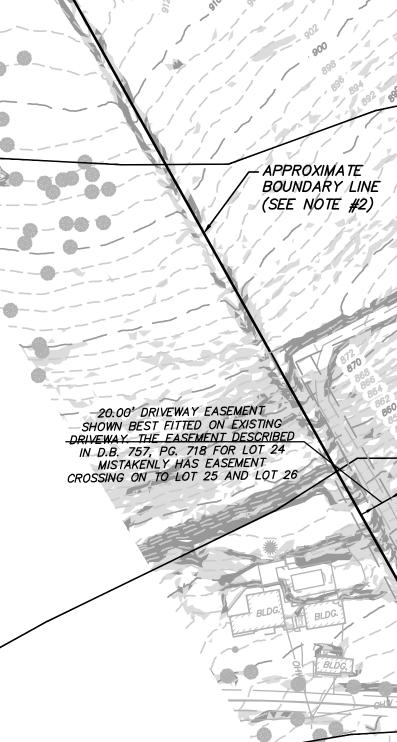
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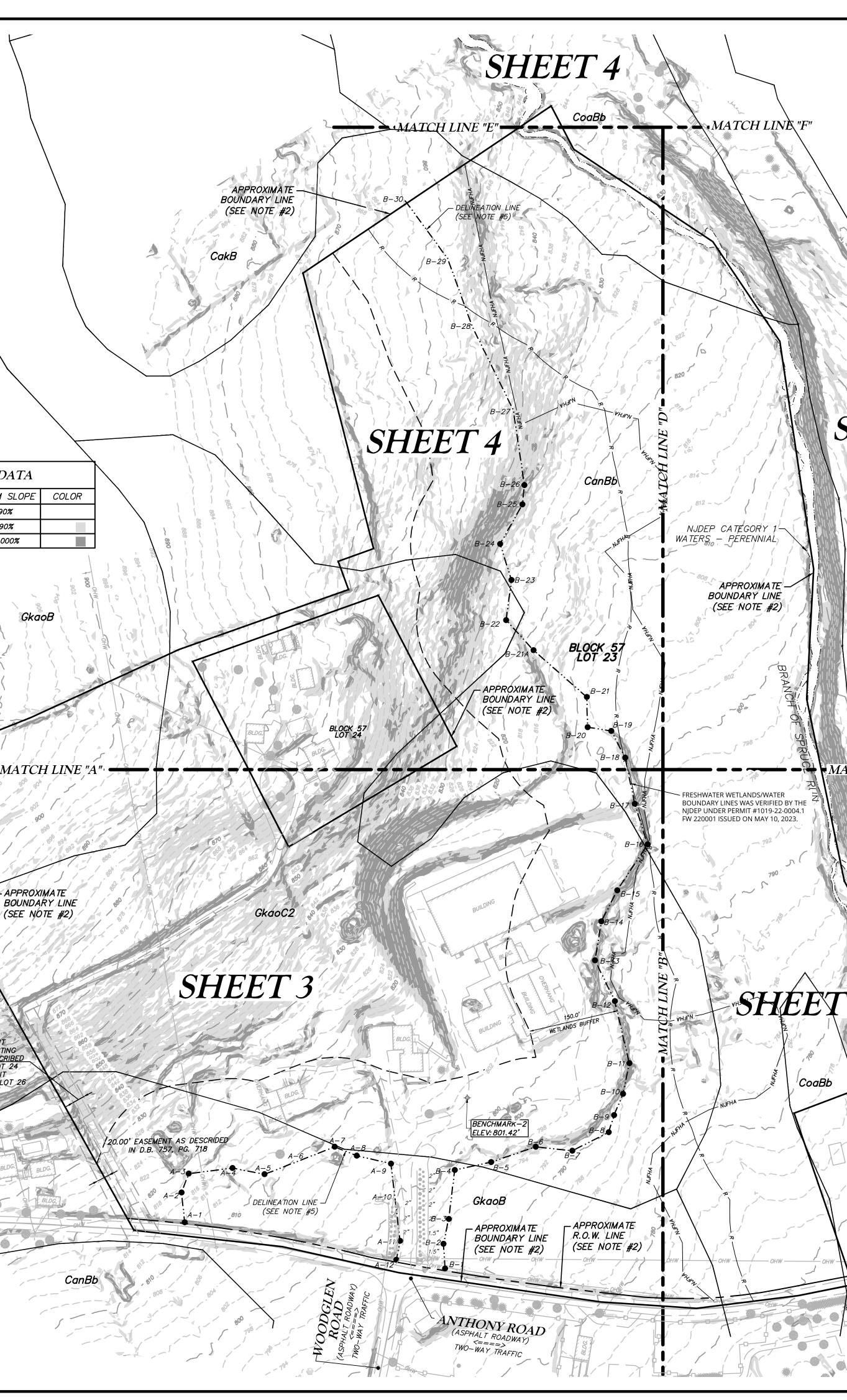
SURFACE SLOPE DATA										
NUMBER	MINIMUM SLOPE	MAXIMUM SLOPE	COLOR							
1	0.000%	14.990%								
2	15.000%	24.990%								
3	25.000%	10000.000%								

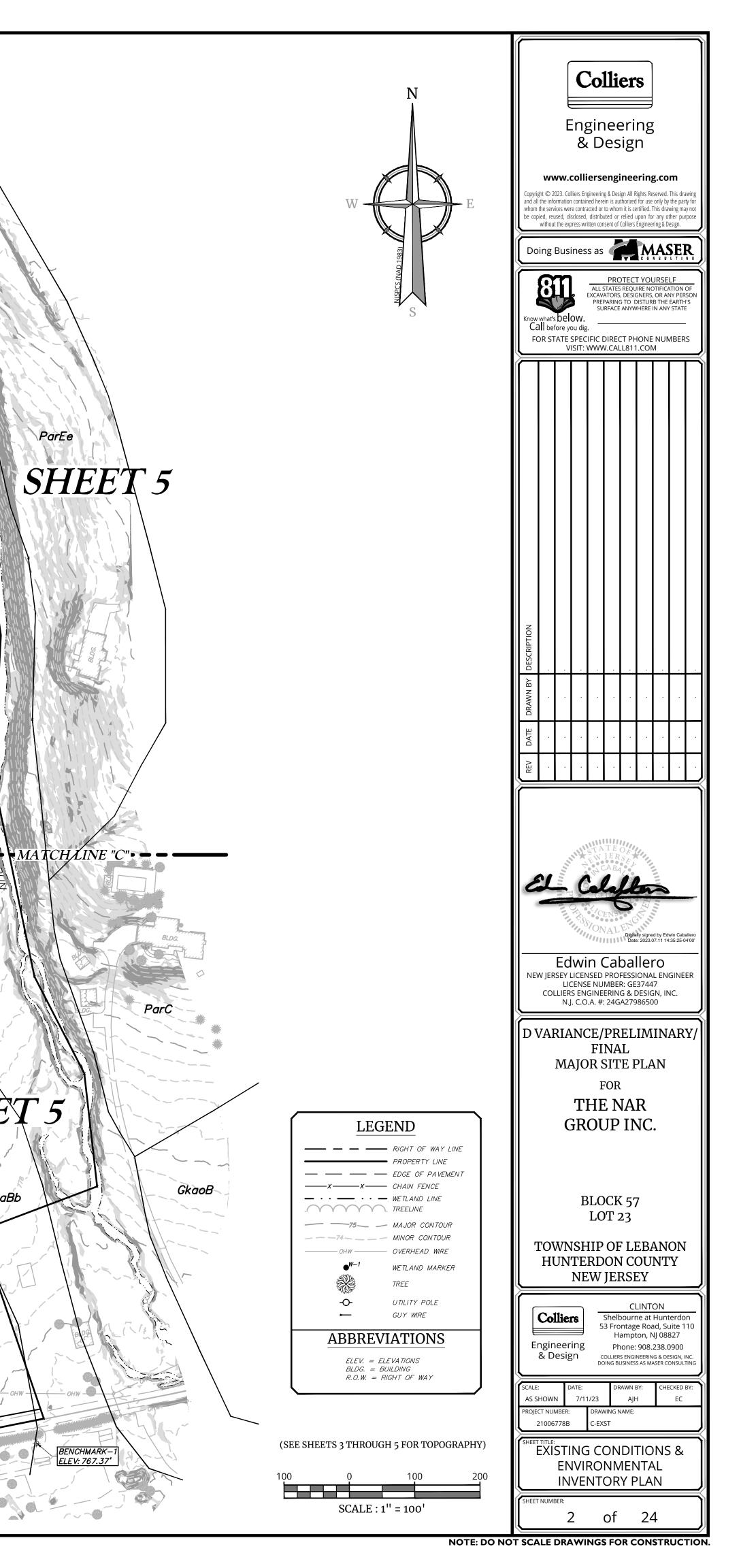
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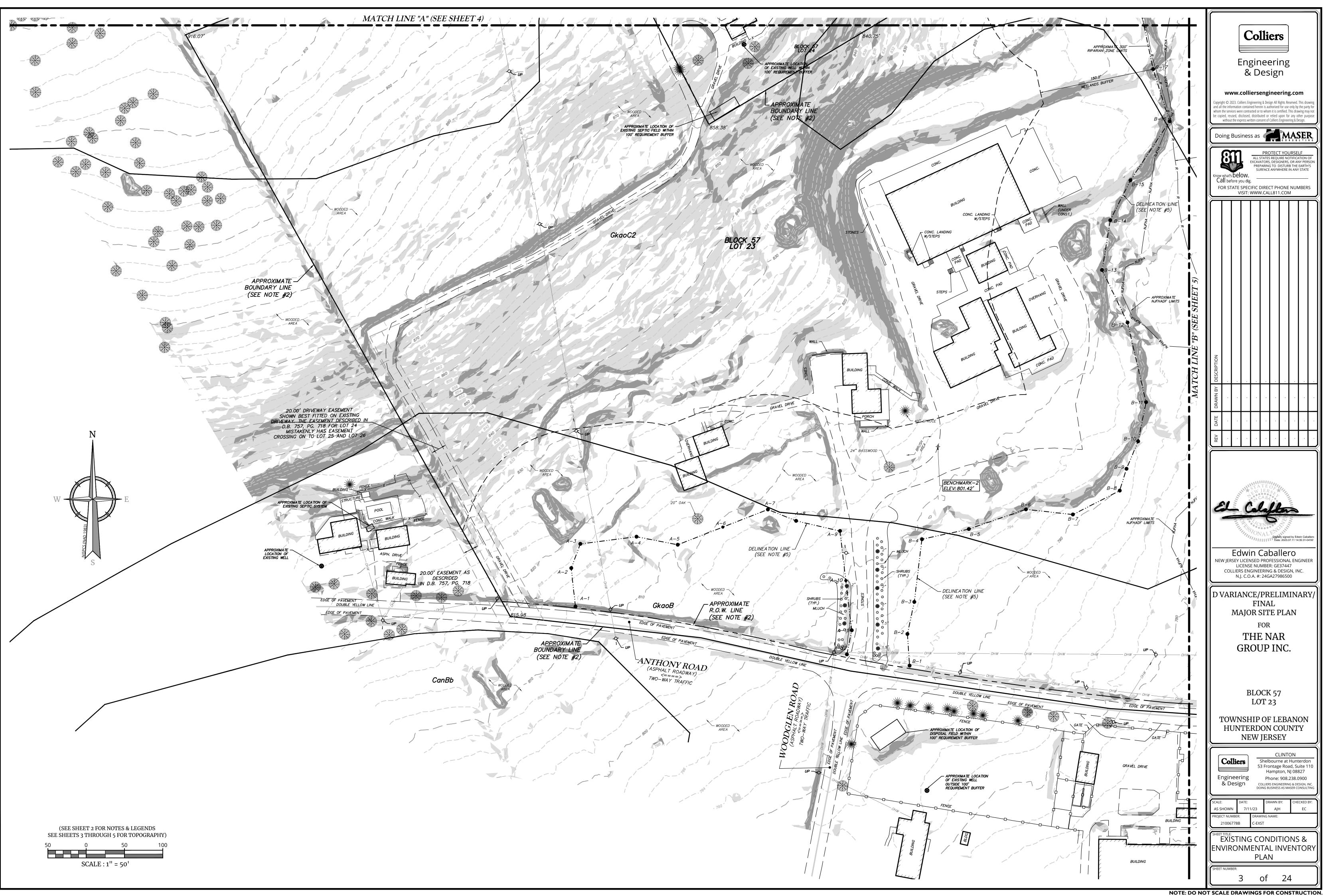
GENERAL NOTES:

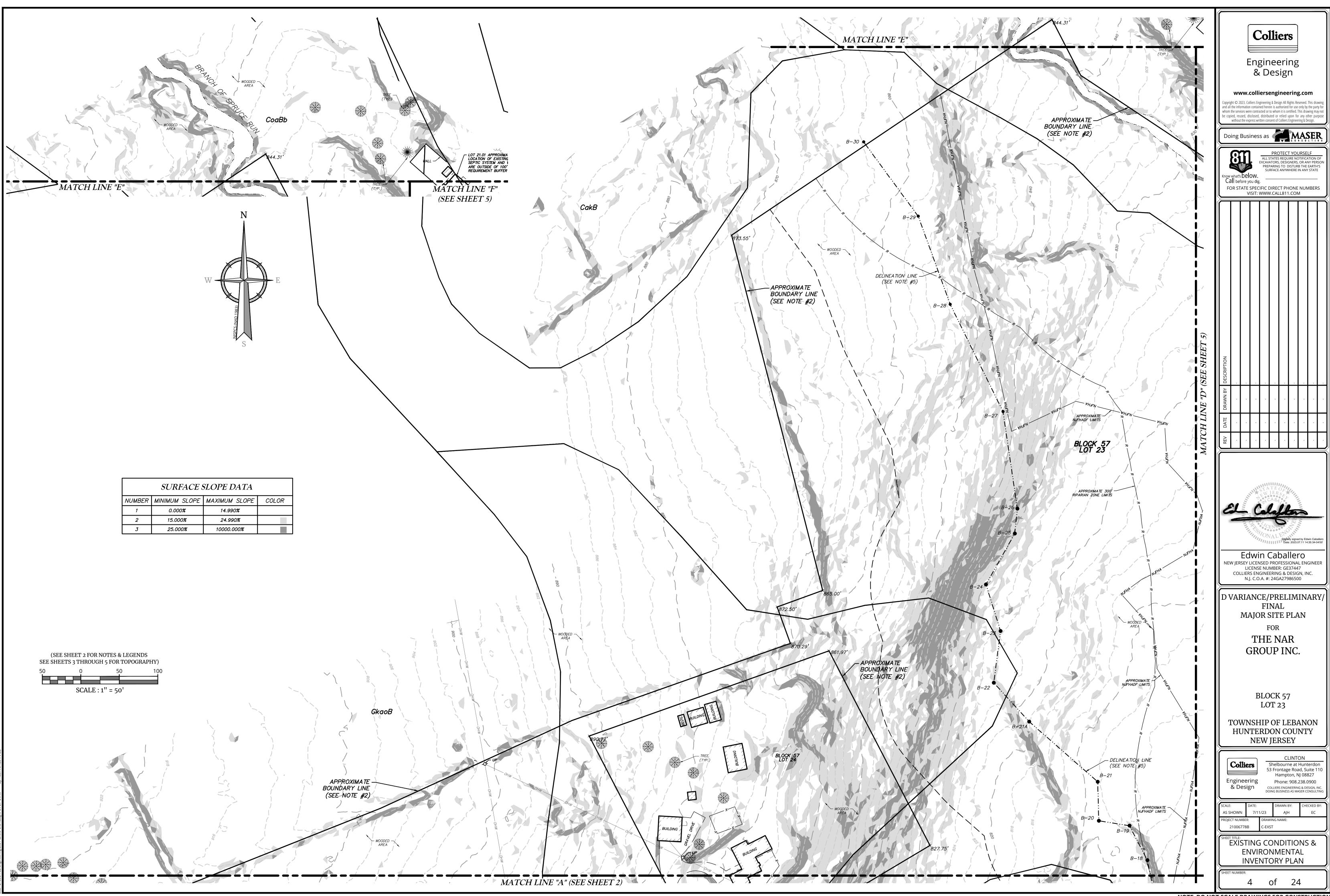
- PROPERTY KNOWN AS LOT 23, BLOCK 57, TAX MAP SHEET 13 OF THE TOWNSHIP OF LEBANON, HUNTERDON COUNTY, STATE OF NEW JERSEY.
- PURPOSE OF THIS PLAN IS TO SHOW TOPOGRAPHY AND WETLANDS DELINEATION LINES, COLLIER ENGINEERING & DESIGN HAS NOT PERFORMED BOUNDARY SURVEY AND IT DOES NOT REPRESENT ANY BOUNDARY/PROPERTY OPINION. BOUNDARY AND RIGHT-OF-WAY LINES SHOWN HEREON ARE FOR ORIENTATION PURPOSES ONLY, AND BASED UPON MAP ENTITLED "SURVEY OF LAND FOR RAMESH, NITIN & RACHANA MANGLANI, SITUATED IN LEBANON TWP., HUNTERDON COUNTY, NEW JERSEY," PREPARED BY BOHREN AND BOHREN ASSOCIATES, INC, DATED: AUGUST 01, 2019.
- THE LOCATION OF ALL UNDERGROUND UTILITIES AS SHOWN HEREON ARE APPROXIMATE AND ARE BASED ON VISIBLE ABOVE GROUND STRUCTURES. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES, ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED, THE CONTRACTOR SHALL HAVE ALL UNDERGROUND UTILITIES FIELD VERIFIED BY THE PROPER UTILITY COMPANIES BEFORE ANY CONSTRUCTION BEGINS.
- HORIZONTAL DATUM = NORTH AMERICAN DATUM OF 1983 (NAD83), (NEW JERSEY STATE PLANE COORDINATE SYSTEM), VERTICAL DATUM = NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). THE VERTICAL AND HORIZONTAL DATUM WERE ESTABLISHED AT THE PROJECT SITE BY USING GPS SURVEY METHODS.
- THE LIMITS OF FRESHWATER WETLANDS SHOWN HEREON WERE FIELD DELINEATED BY JEFFREY TAREILA OF ENVIRONMENTAL CONSULTING DECEMBER 2021 AND LOCATED BY COLLIER ENGINEERING & DESIGN ON JANUARY 2022. FRESHWATER WETLANDS/WATER BOUNDARY LINES WAS VERIFIED BY THE NJDEP UNDER PERMIT #1019-22-0004.1 FW 220001 ISSUED ON MAY 10, 2023.
- CAUTION: IF THIS DOCUMENT DOES NOT CONTAIN A RAISED IMPRESSION SEAL OR DIGITAL SIGNATURE OF THE UNDERSIGNED PROFESSIONAL IT IS NOT AN AUTHORIZED ORIGINAL DOCUMENT AND MAY HAVE BEEN ALTERED.
- ALL EASEMENTS, COVENANTS AND DEED RESTRICTIONS ARE SHOWN ON THE BOUNDARY SURVEY REFERENCED ON THE COVER SHEET UNDER GENERAL NOTES #5.
- THIS PLAN HAS BEEN UPDATED TO SHOW ALL OF THE EXISTING WELLS AND SEPTIC FIELDS WITHIN 100' OF THE PROPOSED BASED ON HUNTERDON COUNTY HEALTH DEPARTMENT RECORDS AND OPRA REQUEST FROM LEBANON TOWNSHIP.
- ADDITIONAL RETAINING WALL, STAIRS, AND EXISTING CONCRETE PADS WERE TAKEN FROM A PLAN ENTITLED "IMPERVIOUS COVERAGE AS-BUILT PLAN" DATED AUGUST 3RD, 2022, PREPARED BY CED.





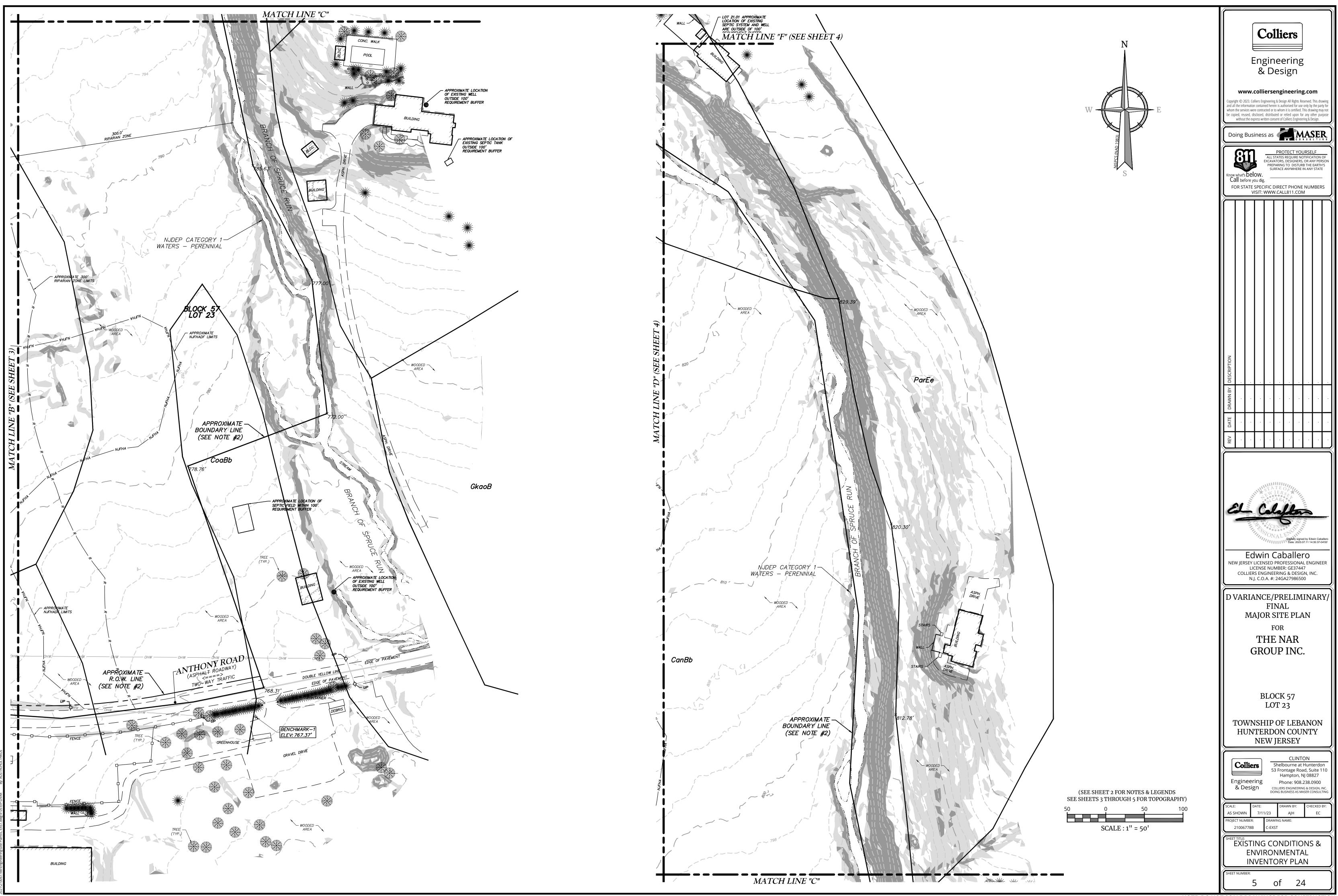






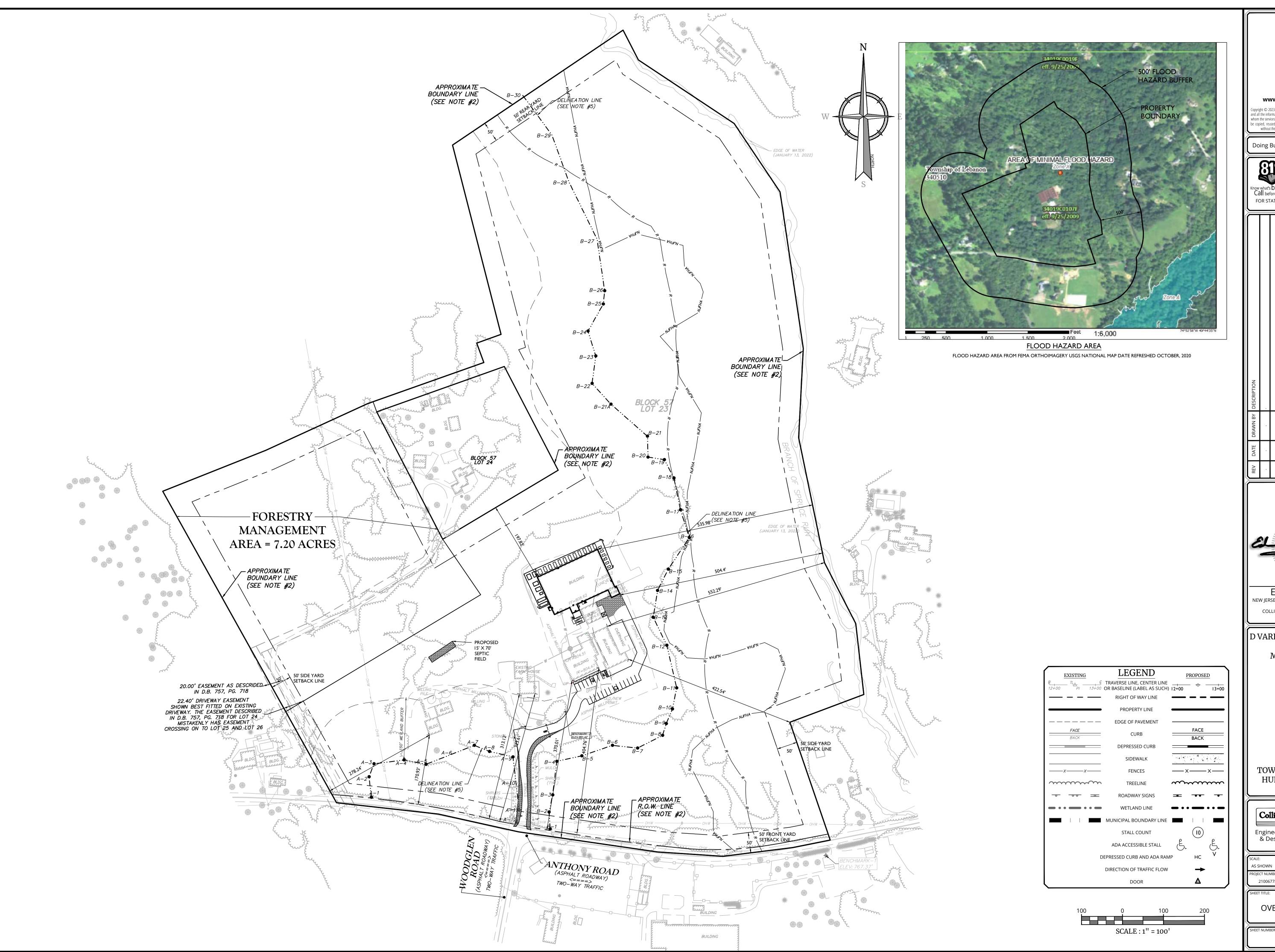
6778B\Engineering\Site Plans\C-EXST.dwg\V-04-EIP-DVAR By: AUSTIN.HOLTHAUS

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.



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NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

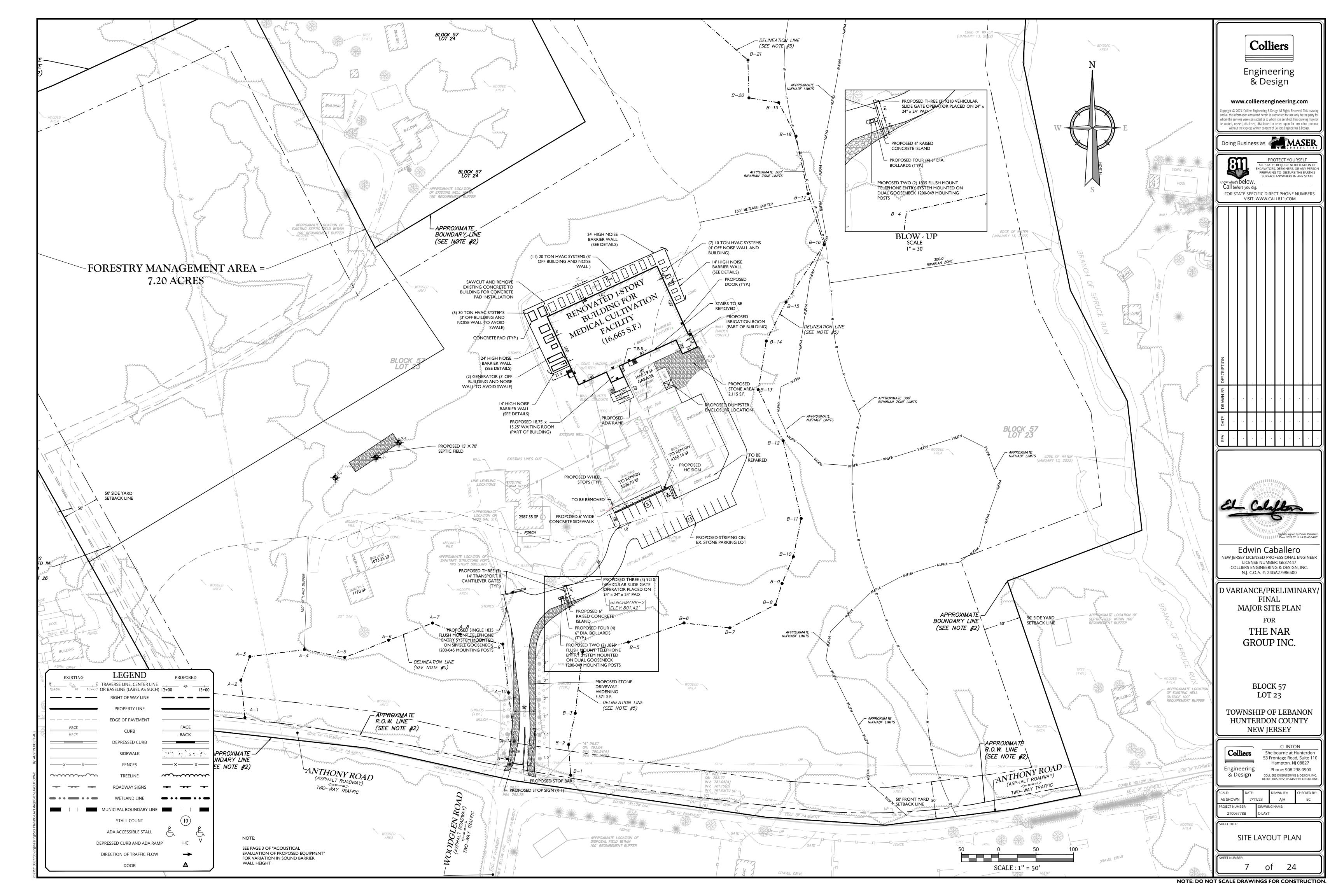


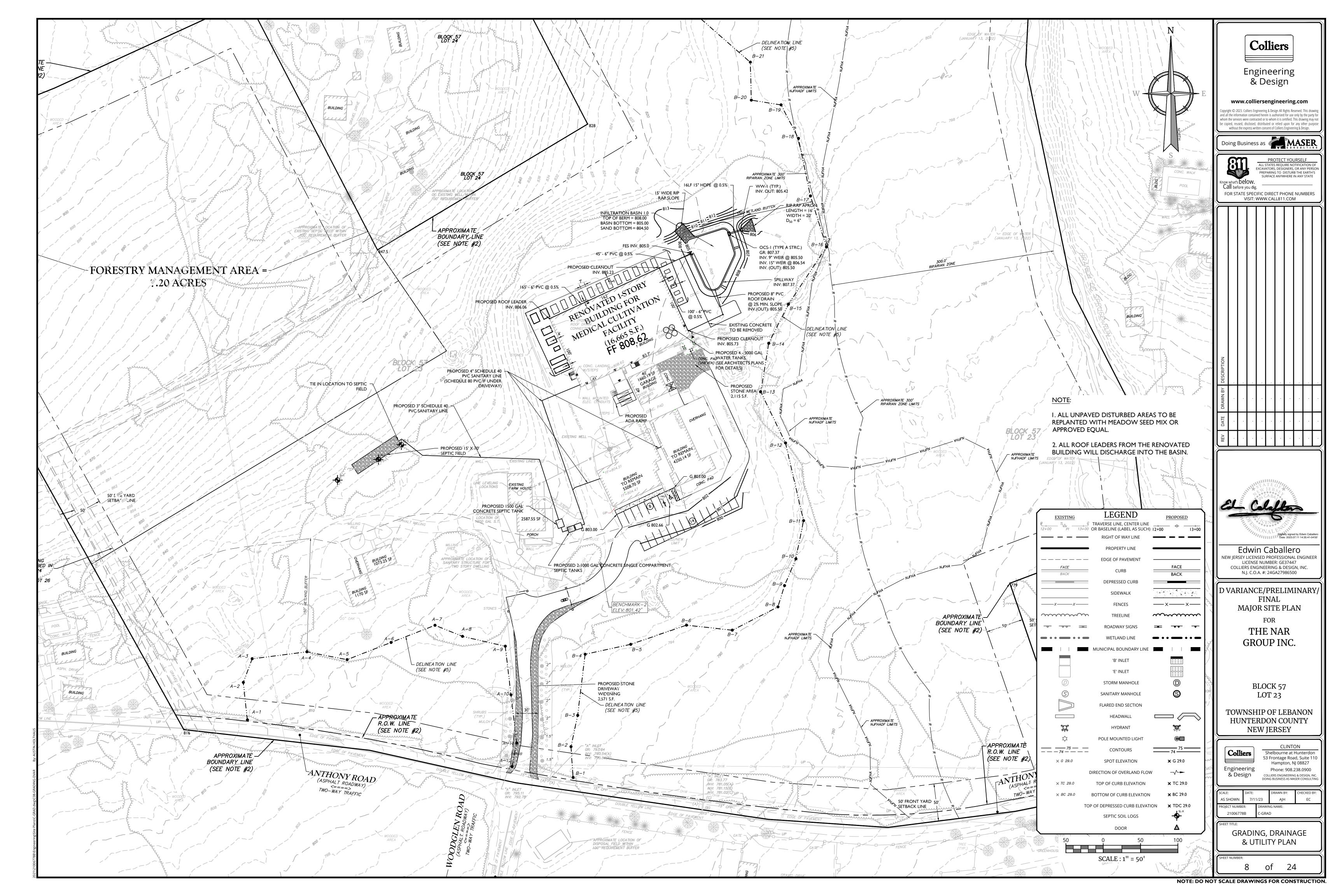
Colliers											
Engineering & Design											
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Ca	ROUTECT YOURSELF ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE Call before you dig. FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM										
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D VARIANCE/PRELIMINARY/ FINAL MAJOR SITE PLAN FOR THE NAR GROUP INC.											
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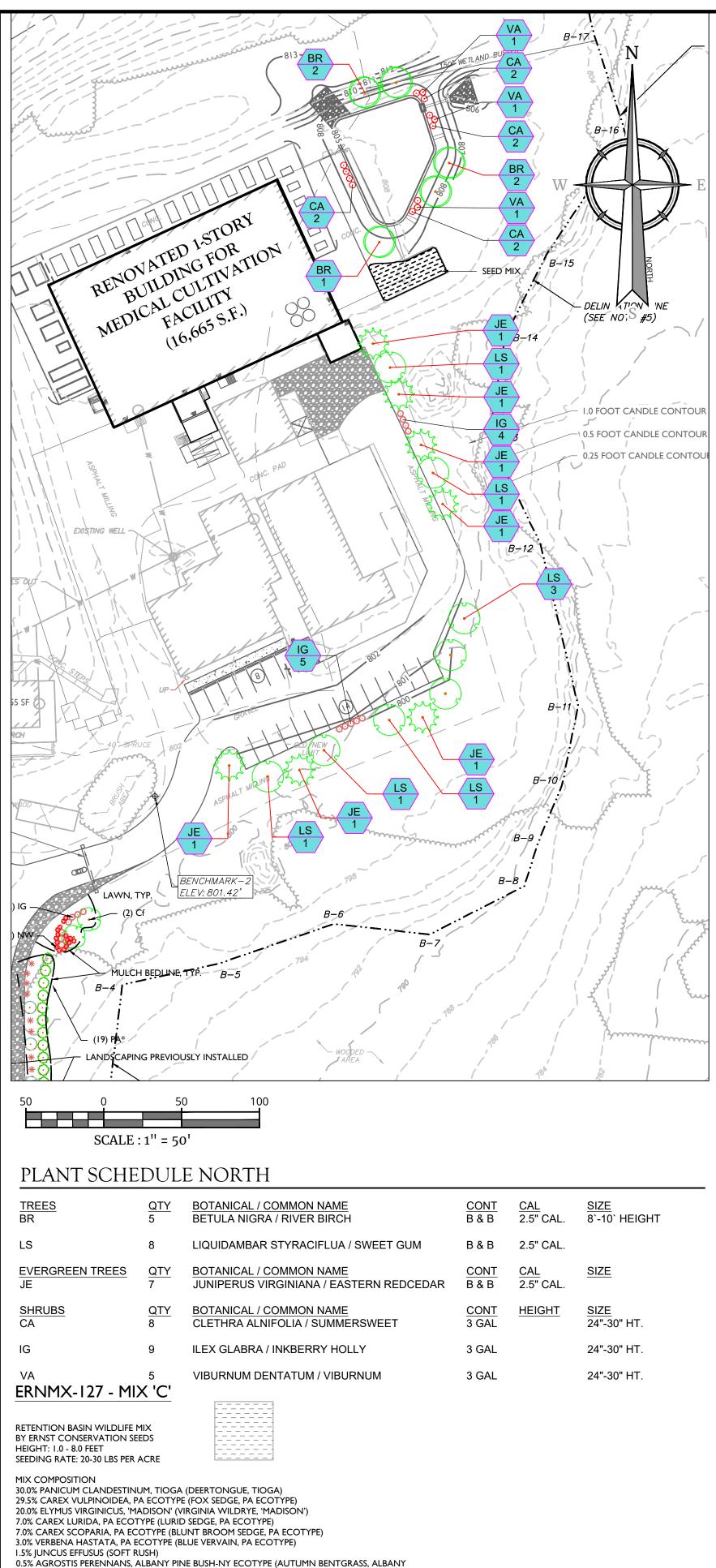
Enginee & Des		Phone: 908.238.0900 COLLIERS ENGINEERING & DESIGN, INC. DOING BUSINESS AS MASER CONSULTING							
SCALE:	DATE:		DRAWN BY:	CHECKED BY:					
AS SHOWN	7/1	1/23	AJH	EC					
PROJECT NUMBE	ER:	DRAWING NAME:							
21006778	3B	C-LAYT							
SHEET TITLE: OVERALL LAYOUT PLAN									
SHEET NUMBER:									

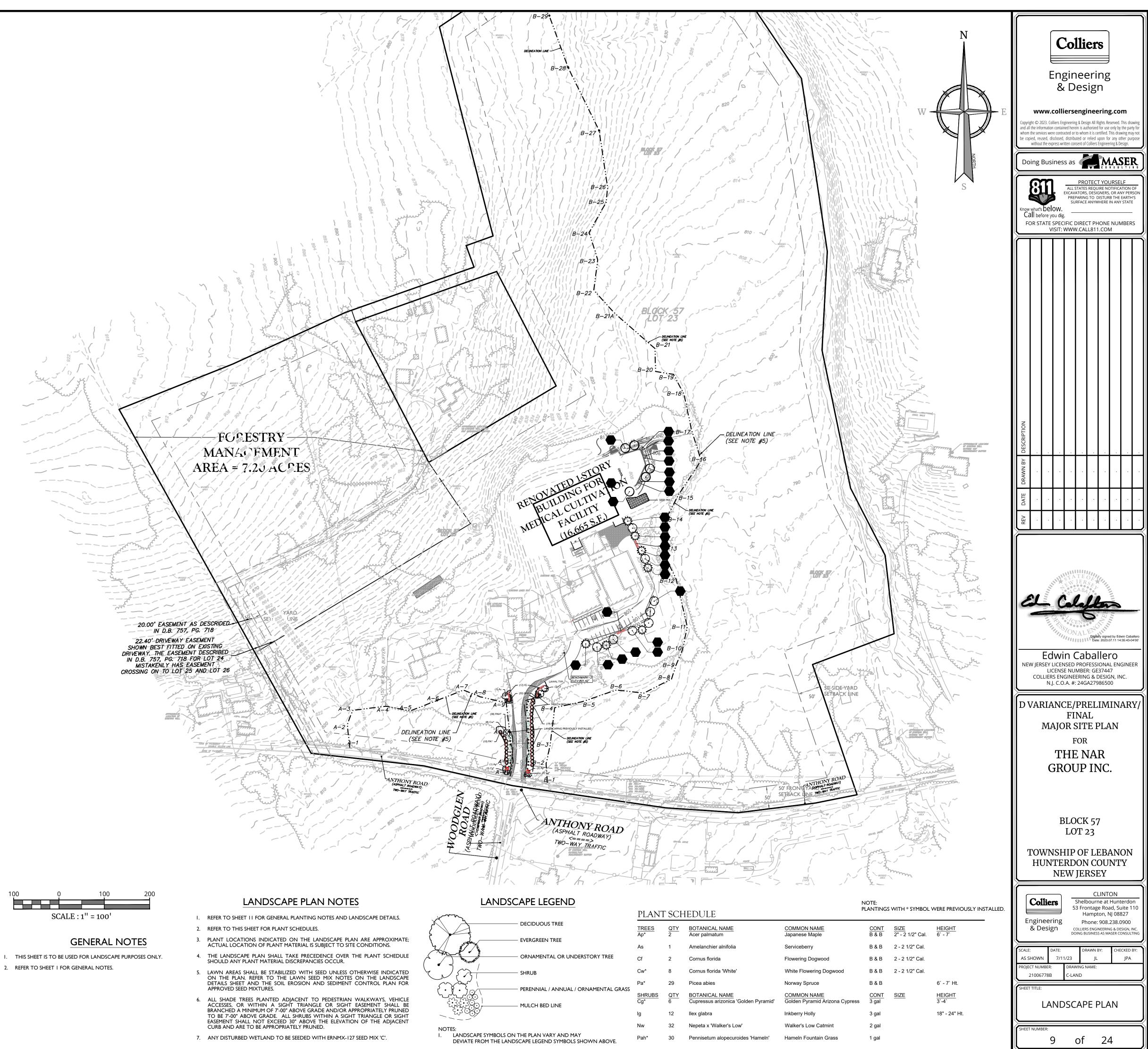
of 24

6









PINE BUSH-NY ECOTYPE) 0.5% ASCLEPIAS INCARNATA, PA ECOTYPE (SWAMP MILKWEED, PA ECOTYPE)

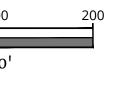
0.3% SCIRPUS CYPERINUS, PA ECOTYPE (WOOLGRASS, PA ECOTYPE) 0.2% HELENIUM AUTUMNALE, PA ECOTYPE (COMMON SNEEZEWEED, PA ECOTYPE)

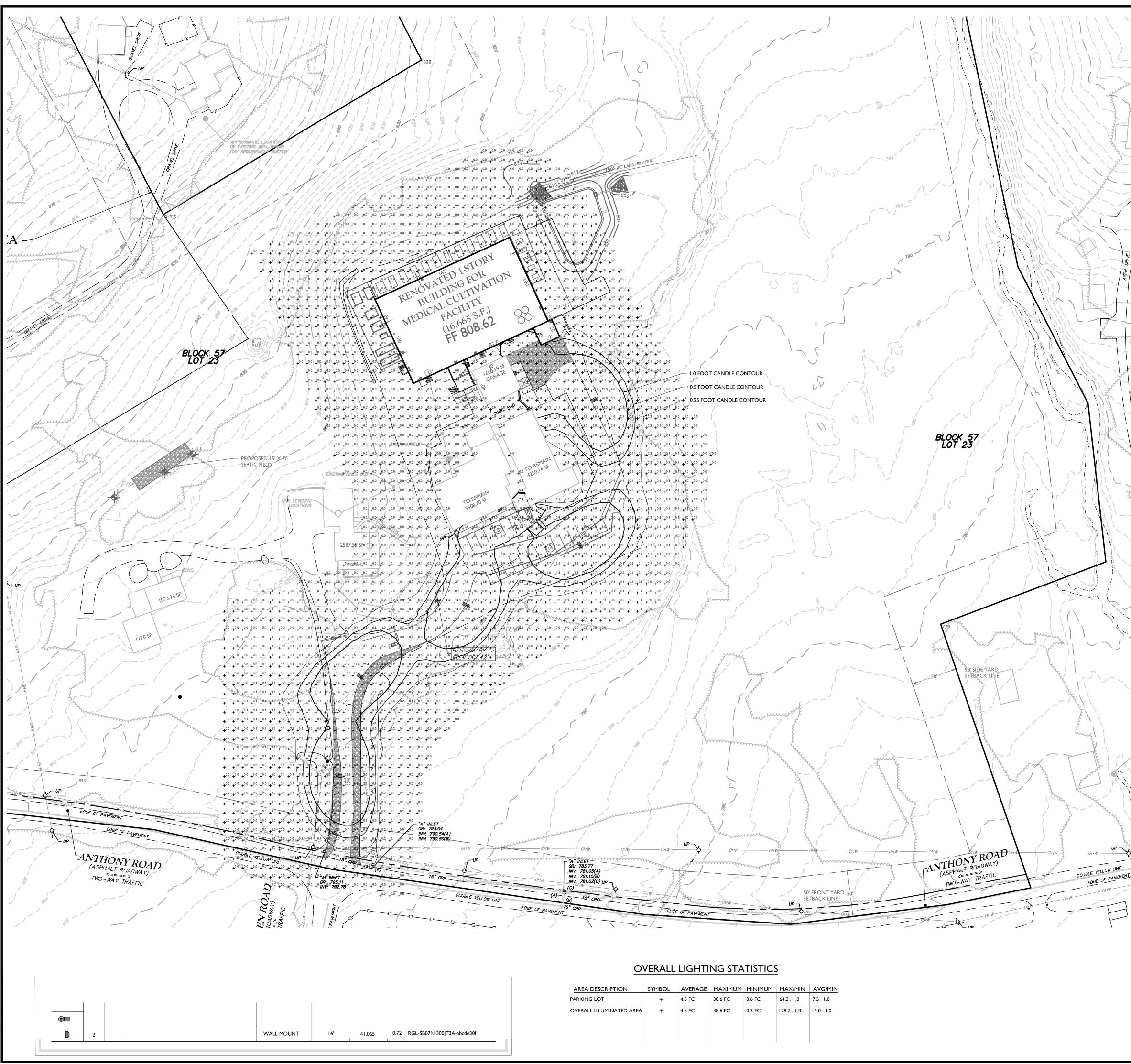
0.1% ASTER NOVAE-ANGLIAE, PA ECOTYPE (NEW ENGLAND ASTER, PA ECOTYPE) 0.1% ASTER PUNICEUS, PA ECOTYPE (PURPLESTEM ASTER, PA ECOTYPE)

0.1% ASTER UMBELLATUS, PA ECOTYPE (FLAT TOPPED WHITE ASTER, PA ECOTYPE) 0.1% EUPATORIUM PERFOLIATUM, PA ECOTYPE (BONESET, PA ECOTYPE)

0.1% LOBELIA SIPHILITICA, PA ECOTYPE (GREAT BLUE LOBELIA, PA ECOTYPE)

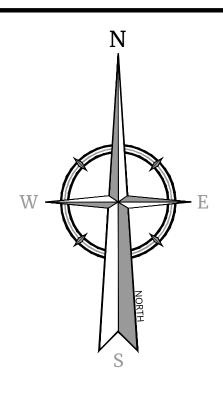
I. THIS SHEET IS TO BE USED FOR LANDSCAPE PURPOSES ONLY.





AREA DESCRIPTION	SYMBOL	AVERAGE	MAXIMUM	MINIMUM	MAX/MIN	AVG/MIN
PARKING LOT	+	4.5 FC	38.6 FC	0.6 FC	64.3 : 1.0	7.5 : 1.0
OVERALL ILLUMINATED AREA	+	4.5 FC	38.6 FC	0.3 FC	128.7 : 1.0	15.0 : 1.0





Engineering & Design www.colliersengineering.com opyright © 2023. Colliers Engineering & Design All Rights Reserved. This drawir nd all the information contained herein is authorized for use only by the party f whom the services were contracted or to whom it is certified. This drawing may n be copied, reused, disclosed, distributed or relied upon for any other purpo without the express written consent of Colliers Engineering & Design. Doing Business as 811 PROTECT YOURSELF ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSO PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE ow what's **below.** Call before you dig. FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM Date: 2023.07.11 14:35:47-0 Edwin Caballero NEW JERSEY LICENSED PROFESSIONAL ENGINEER LICENSE NUMBER: GE37447 COLLIERS ENGINEERING & DESIGN, INC. N.J. C.O.A. #: 24GA27986500 D VARIANCE/PRELIMINARY FINAL MAJOR SITE PLAN FOR THE NAR GROUP INC. BLOCK 57 LOT 23 TOWNSHIP OF LEBANON HUNTERDON COUNTY NEW JERSEY CLINTON

Colliers

50		()	5	50	100			
SCALE : 1'' = 50'									

GENERAL NOTES

LIGHTING PLAN NOTES

I. REFER TO SHEET II FOR LIGHTING DETAILS AND ORDERING INFORMATION, AND SHEET 14 FOR SPECIFICATION SHEETS.

2. LIGHT LEVELS ON PLAN REPRESENT AVERAGE MAINTAINED FOOTCANDLE LEVELS

3. ALL MOUNTING HEIGHTS ARE MEASURED FROM FINISHED EXTERIOR GRADE TO

4. POLE LOCATIONS MAY VARY DUE TO SITE CONDITIONS. CONTRACTOR TO FIELD VERIFY POLE LOCATIONS PRIOR TO INSTALLATION TO ACCOMMODATE UTILITIES,

5. UNDERGROUND CONDUIT LOCATIONS SHALL BE COORDINATED WITH THE PROPOSED TREE LOCATIONS.

6. CONCRETE FOOTING FOR POLE MOUNTED LIGHTS TO BE DESIGNED BY OTHERS. FOOTING DETAIL TO BE SUBMITTED FOR APPROVAL PRIOR TO CONSTRUCTION.

8. SITE LIGHTING SUBSTITUTIONS WILL NOT BE PERMITTED UNLESS SUBSTITUTIONS ARE SUBMITTED AND APPROVED.

7. ELECTRICAL WIRING DESIGN FOR SITE LIGHTING TO BE DESIGNED BY OTHERS.

9. LUMINAIRES TO BE MANUFACTURED BY RUGGED GRADE OR APPROVED EQUAL.

LIGHTING LEGEND

POLE MOUNT LUMINAIRE

WALL MOUNT LUMINAIRE

0.25 FOOTCANDLE CONTOUR

0.50 FOOTCANDLE CONTOUR

- I.00 FOOTCANDLE CONTOUR

I. THIS SHEET IS TO BE USED FOR LIGHTING PURPOSES ONLY.

2. REFER TO SHEET I FOR GENERAL NOTES.

AT FINISHED EXTERIOR GRADE.

PAVEMENTS, FENCES, ETC.

10. LUMINAIRES AND POLE FINISHES TO BE BLACK.

16' MOUNT

16' MOUNT

LIGHT SOURCE.

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

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Colliers

Engineering

& Design

7/11/23

AS SHOWN

OIECT NUMBER

21006778B

Shelbourne at Hunterdon

53 Frontage Road, Suite 110 Hampton, NJ 08827

Phone: 908.238.0900 COLLIERS ENGINEERING & DESIGN, INC DOING BUSINESS AS MASER CONSULTIN

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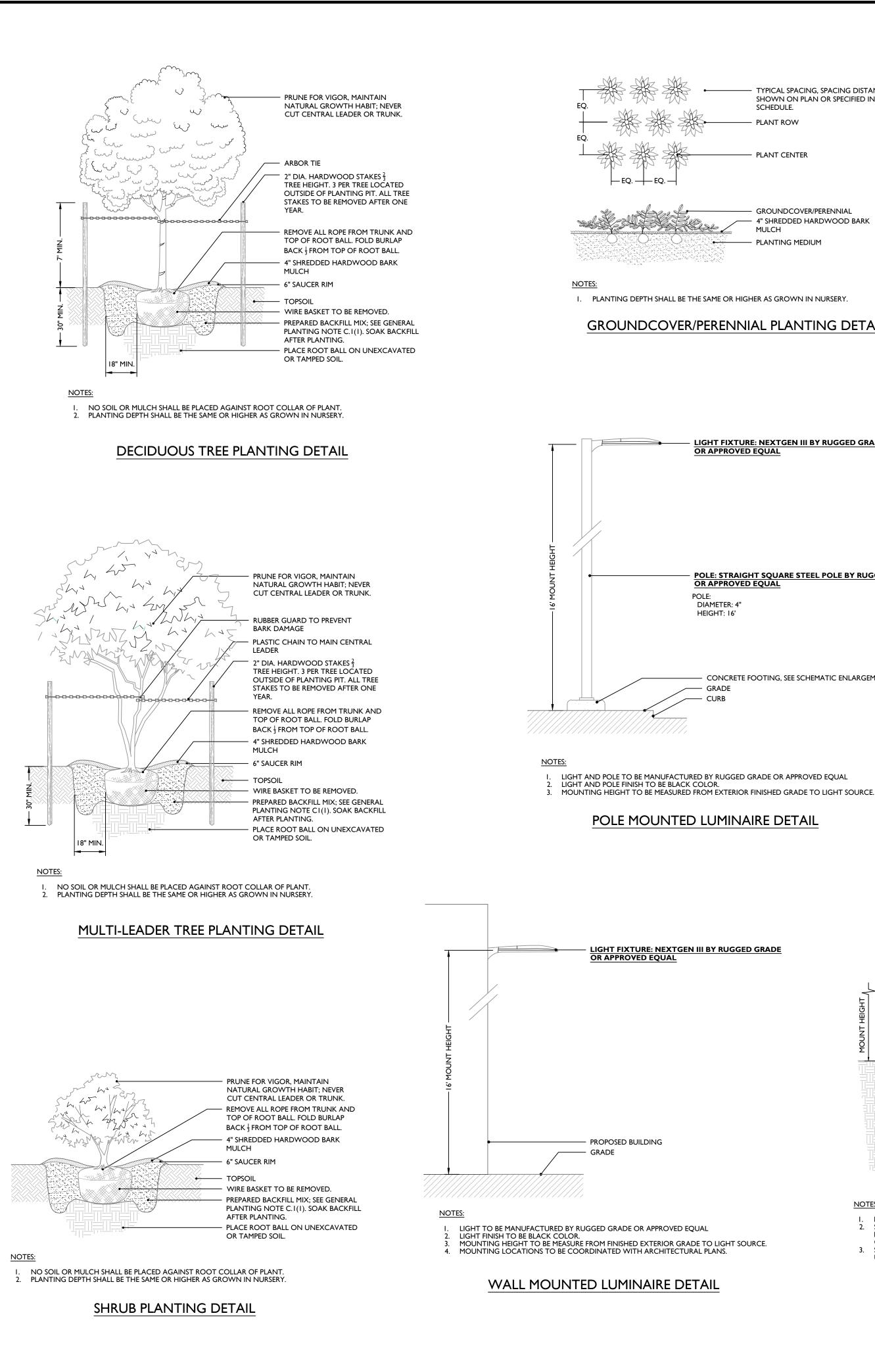
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AWING NAME:

GHT

LIGHTING PLAN

of



GENERAL PLANTING NOTES LAND-GENL-PLNT-NOTE - TYPICAL SPACING, SPACING DISTANCE AS A. GENERAL SHOWN ON PLAN OR SPECIFIED IN PLANT SCHEDULE. I. THIS PLAN SHALL BE USED FOR LANDSCAPE PLANTING PURPOSES ONLY. EXAMINE ALL ENGINEERING DRAWINGS AND FIELD PLANT ROW CONDITIONS FOR SPECIFIC LOCATIONS OF UTILITIES AND STRUCTURES. NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES OR LOCATION CONFLICTS PRIOR TO PLANTING INSTALLATION. 1.1. 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITIES MARKOUTS AND COMPLIANCE WITH ALL FEDERAL, STATE, OR PLANT CENTER LOCAL CODES, LAWFUL ORDERS OR REGULATIONS GOVERNING UPON THIS WORK. 3. OWNER OR HIS/HER REPRESENTATIVE SHALL BE NOTIFIED PRIOR TO BEGINNING PLANTING OPERATIONS. **B. PLANT MATERIAL** 1.3. SHRUB MASSES SHALL BE PLANTED IN CONTINUOUS MULCHED BEDS. I. PLANT MATERIAL GROUNDCOVER/PERENNIAL PLANT MATERIAL SHALL CONFORM WITH THE ANSI Z60.1-2014 'AMERICAN STANDARD FOR NURSERY STOCK' AS PUBLISHED 1.1. MULCH BY AMERICANHORT IN REGARD TO QUALITY, SIZE OF PLANTING, SPREAD OF ROOTS, SIZE OF ROOTBALL, AND BRANCHING PLANTING MEDIUM 1.2. PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY, HAVE NORMAL GROWTH HABITS, WELL DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS, AND FREE FROM DEFECTS, INJURY, DISEASE, AND/OR INFESTATION, WITH ROOT BALLS INTACT. 1.3. ALL PLANT MATERIAL SHALL BEAR THE SAME RELATION TO FINISHED GRADE AT THE NURSERY. THE PLANT MATERIAL SHALL BE PLANTED AT THE SAME LEVEL WHEN PLANTED. PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY TO THE SITE. IN THE EVENT THIS IS NOT POSSIBLE, THE PLANTING METHODS: 1.4. GROUNDCOVER/PERENNIAL PLANTING DETAIL CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO PROTECT THE PLANT MATERIAL FROM DAMAGE PRIOR TO INSTALLATION. 4.1. THE LANDSCAPE ARCHITECT OR OWNER SHALL HAVE THE RIGHT, AT ANY STAGE OF THE OPERATION, TO REJECT ANY 1.5. AND ALL PLANT MATERIAL WHICH IN THEIR OPINION DOES NOT MEET THE REQUIREMENTS OF THESE PLANS. 4.1.1. 2. <u>PLANT QUANTITIES:</u> THE LANDSCAPE PLAN SHOULD TAKE PRECEDENCE OVER THE PLANT SCHEDULE IF ANY PLANT DISCREPANCIES OCCUR. 3. <u>PLANT SIZE:</u> THE CONTRACTOR SHALL FURNISH PLANT MATERIAL IN THE CALIPER, HEIGHT, SIZE OR SPREAD INDICATED IN THE PLANT SCHEDULE. 4. <u>SUBSTITUTIONS:</u> NO PLANT SUBSTITUTIONS SHALL BE PERMITTED WITH REGARD TO SIZE, SPECIES, OR VARIETY WITHOUT WRITTEN PERMISSIONS OF THE MUNICIPALITY, LANDSCAPE ARCHITECT, OR OWNER. WRITTEN PROOF OF THE PLANT MATERIAL LIGHT FIXTURE: NEXTGEN III BY RUGGED GRADE UNAVAILABILITY MUST BY DOCUMENTED BY THE CONTRACTOR. OR APPROVED EQUAL GUARANTEE: PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR AFTER THE DATE OF FINAL ACCEPTANCE. ANY PLANT MATERIAL THAT IS DEAD WITHIN THAT TIME PERIOD SHALL BE REMOVED, INCLUDING STUMP, AND REPLACED WITH A SIMILAR 4.3. SIZE AND SPECIES AT THE EXPENSE OF THE CONTRACTOR WITHIN ONE YEAR OR ONE GROWING SEASON. TREE STAKES AND ARBOR TIES SHALL BE REMOVED AT THE END OF THE GUARANTEE PERIOD. C. TOPSOIL REQUIREMENTS: 1. TOPSOIL REQUIREMENTS: SEE NJDOT SECTION 917 FOR REFERENCE AND SOIL ADDITIVES. UNACCEPTABLE TOPSOIL SOURCES: DO NOT OBTAIN TOPSOIL FROM THE FOLLOWING SOURCES: AREAS CONTAINING 1.1. CHEMICALLY CONTAMINATED SOILS. AREAS FROM WHICH THE ORIGINAL SURFACE HAS BEEN STRIPPED OR COVERED OVER, E. MAINTENANCE SUCH AS BORROW PITS, OPEN MINES, DEMOLITION SITES, DUMPS, LANDFILLS. NO TOPSOIL FROM WET EXCAVATION OR ACID PRODUCING SOILS. POLE: STRAIGHT SQUARE STEEL POLE BY RUGGED GRADE TOPSOIL SHALL BE UNIFORM QUALITY, FREE FROM HARD CLODS, STIFF CLAY, HARD PAN, SODS, LARGE STONE, CEMENT, 1.2. OR APPROVED EQUAL ASH, SLAG, CONCRETE, TAR, BOARDS, CHIPS, MULCH, OR ANY OTHER UNDESIRABLE MATERIALS. NO TOPSOIL SHALL BE DELIVERED IN A FROZEN OR MUDDY CONDITION. TOPSOIL PH REQUIREMENTS ARE AS FOLLOWS: PH < 4.1 TOPSOIL IS UNACCEPTABLE. 4.1 ≤ PH < 5.8 ADD PULVERIZED LIME TO 1.3. INCREASE THE PH TO 6.5 BEFORE USE. 5.8 ≤ PH < 7.0 TOPSOIL IS ACCEPTABLE. NO REMEDIATION NEEDED. 7.0 ≤ PH < 7.2 1.2 DECREASE PH TO AT LEAST 6.8 BEFORE USE. PH ≥ 7.2 TOPSOIL IS UNACCEPTABLE. ORGANIC CONTENT. ENSURE THAT TOPSOIL HAS A MINIMUM ORGANIC CONTENT OF 2.75% BY WEIGHT. IF THE ORGANIC 1.4. CONTENT IS LESS THAN 2.75%, INCREASE THE ORGANIC CONTENT BY ADDING SOIL ADDITIVES AT A RATE NECESSARY TO ATTAIN THE MINIMUM ORGANIC CONTENT. THE ORGANIC CONTENT SHALL NOT EXCEED 8% BY WEIGHT AND SHALL BE SAMPLED IN ACCORDANCE WITH THE ASSOCIATION OF AGRICULTURAL CHEMISTS. CONCRETE FOOTING, SEE SCHEMATIC ENLARGEMENT GRADATION/PARTICLE SIZE. PROVIDE TOPSOIL CONFORMING TO THE PARTICLE SIZE REQUIREMENTS IN TABLE 917.01-2 1.5. AND THAT HAS NO MORE THAN 20 PERCENT RETAINED ON A NO. 10 SIEVE WHEN MECHANICALLY GRADED. THE DEPARTMENT WILL DETERMINE THE PARTICLE SIZE DISTRIBUTION FOR THE PORTION OF THE TOPSOIL PASSING THE NO. 10 SIEVE USING HYDROMETER ANALYSIS ACCORDING TO AASHTO T 88. SAND (2.0 MM TO 0.05 MM) 40 - 80% COMPOSITION. SILT (0.05 MM TO 0.005 MM) 0 - 30% COMPOSITION. CLAY (0.005 MM AND SMALLER) 10 - 30% COMPOSITION. PREPARATION OF SUBGRADE: HOLLOWS, DEPRESSIONS, AND GULLIES SHALL BE FILLED WITH ACCEPTABLE SANDY LOAM AS OUTLINED ABOVE OR SOIL AS DESCRIBED HEREON: SOIL TO BE ONE PART EACH OF TOPSOIL, MOISTENED PEAT MOSS, AND PARENT MATERIAL. LOOSEN SUBSOIL BY SCARIFYING, RIPPING OR TILLING USING DISKS, HARROWS OR OTHER SUITABLE EQUIPMENT TO A

PROPOSED AND THERE HAS BEEN COMPACTED SOIL.

HAND HOLE, FUSE HOLDER AND FUSE DIRECTLY

POLE BASE WITH LEVELING NUTS

3. TESTING AND APPROVAL OF SOILS:

LABORATORY FEES.

- POLE SHAFT

- GRADE

IN HAND HOLE

- CONCRETE BASE

ELECTRICAL CONDUIT

DEPTH OF 4"-6" IMMEDIATELY BEFORE PLACING ANY TOPSOIL. REPEAT IN AREAS WHERE SEED OR PLANTINGS ARE

THE CONTRACTOR SHALL SUBMIT A CERTIFIED REPORT SHOWING THE ANALYSIS OF REPRESENTATIVE SAMPLES OF

TOPSOIL. TESTING SHALL BE PERFORMED BY RUTGERS COOPERATIVE RESEARCH & EXTENSION TESTING LABORATORIES OR

EQUIVALENT AS APPROVED BY STATE AND LOCAL REGULATIONS. PRICE BID SHALL INCLUDE ALL INSPECTION AND

2.2.

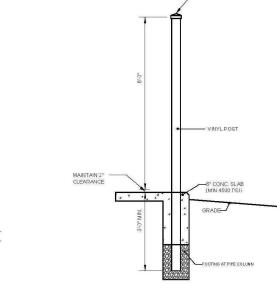
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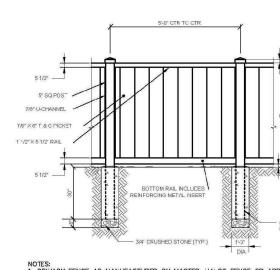
_____ 3' MIN. -

- FOOTING SHOWN IS SCHEMATIC ONLY. SHOP DRAWINGS AND CALCULATIONS FOR THE DESIGN AND SIZING OF THE CONCRETE FOOTING SHALL BE PREPARED BY A PROFESSIONAL ENGINEER, AND SHALL BE PROVIDED BY THE
- CONTRACTOR FOR THE APPROVAL PRIOR TO CONSTRUCTION. 3. SITE ELECTRICAL CONTRACTOR TO COORDINATE LOCATED OF EASEMENTS, UNDERGROUND UTILITIES, AND DRAINAGE AREAS BEFORE DRILLING POLE BASES

CONCRETE FOOTING SCHEMATIC DETAIL



TYP. ENCLOSURE SECTION



NOTES: 1. PRIVACY FENCE AS MANUFACTURED BY MASTER-HALCO FENCE CR APPROVED EQUAL. MATERIAL: VINYL, COLOR: WHITE 2. SPECIFICATION SHOWN CAN BE CHANGED BY MASTER-HALCO ONLY. 3. FOOTING WIDTH TO BE (2)X POST WIDTH. MINIMUM DEPTH 30". TYP. VINYL FENCE ENCLOSURE ELEVATION

MOD: 04/07/ 10/14/202

D. PLANTING PROCEDURES

I. PLANTING BEDS:

- PROVIDE PLANTING PITS AS INDICATED ON PLANTING DETAILS. BACKFILL PLANTING PITS WITH SOILS AS OUTLINED IN SECTION C PRIOR. BACKFILL SOIL TO BE AT MINIMUM ONE PART EACH OF TOPSOIL, MOISTENED PEAT MOSS, AND PARENT MATERIAL
- 1.2. PLANTING BEDS SHALL RECEIVE FOUR (4) INCHES OF DOUBLE SHREDDED HARDWOOD MULCH AND TREATED WITH A PRE-EMERGENT HERBICIDE. NO MULCH SHALL COME IN DIRECT CONTACT WITH ROOT FLARE/COLLAR; UNDER NO CIRCUMSTANCES SHALL THE ROOT CROWN BE BURIED.
- PLANT LOCATIONS: THE LOCATION OF ALL PLANT MATERIAL INDICATED ON THE LANDSCAPE PLANS ARE APPROXIMATE. THE FINAL LOCATION OF ALL PLANT MATERIAL AND PLANTING BEDLINES SHALL BE DETERMINED IN THE FIELD AT THE TIME OF INSTALLATION FOLLOWING THE BASIC INTENT OF THE APPROVED PLANS, UNLESS THERE IS A SPECIFIC DIMENSION OR LOCATION SHOWN.
- PLANTING DATES: PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICES. PLANTING SEASONS ARE DEFINED AS MARCH 15 THROUGH MAY 15 AND SEPT 15 THROUGH NOV 15. PLANTING IS ACCEPTABLE DURING THE WINTER MONTHS IF WEATHER PERMITS AND THE GROUND IS NOT FROZEN, AND IN THE SUMMER IF SUPPLEMENTAL WATERING IS PROVIDED. SOIL MUST BE FROST FREE, FRIABLE, AND NOT MUDDY AT TIME OF PLANTING.
- TREES SHALL BE SUPPORTED IMMEDIATELY AFTER PLANTING. PLANT MATERIAL SHALL BE PROPERLY GUYED, STAKED, AND PLANTED IN CONFORMANCE WITH THE TYPICAL PLANTING DETAILS.
- STAKES SHALL BE EIGHT TO TEN FEET LONG, OF SOUND, DURABLE UNFINISHED LUMBER CAPABLE OF WITHSTANDING ABOVEGROUND AND UNDERGROUND CONDITIONS DURING THE PERIOD OF GUARANTEE WITH TOP AND BOTTOM DIMENSIONS OF TWO INCHES BY TWO INCHES IN DIAMETER
- 4.1.2. THREE STAKES SHALL BE EQUALLY SPACED ABOUT THE TREE IN A TRIANGULAR FASHION AND SHALL BE DRIVEN VERTICALLY INTO THE GROUND 2 $\frac{1}{2}$ TO 3 FEET IN A MANNER THAT DOES NOT INJURE THE ROOT BALL.
- 4.1.3. TREES SHALL BE FASTENED TO EACH STAKE AT A HEIGHT OF FIVE FEET BY MEANS OF ARBOR TIE TREE TIE $(\frac{7}{16})$ WIDE RECOMMENDED FOR TREES UP TO $2\frac{1}{2}$ INCHES IN CALIPER).
- 4.2. SET PLANTS PLUMB AND STRAIGHT. SET AT SUCH LEVEL THAT AFTER SETTLEMENT A NORMAL OR NATURAL RELATIONSHIP TO THE CROWN OF THE PLANT WITH THE GROUND SURFACE WILL BE ESTABLISHED. LOCATE PLANTS IN CENTER OF PIT.
- AT TIME OF INSTALLATION, THE CONTRACTOR SHALL WATER NEWLY INSTALLED PLANT MATERIAL. THE CONTRACTOR SHALL PROVIDE REGULAR WATERING TO ENSURE THE ESTABLISHMENT, GROWTH, AND SURVIVAL OF ALL PLANTS. 4.4. B&B PLANTS SHALL BE HANDLED FROM THE BOTTOM OF THE ROOTBALL ONLY. PLANTS WITH BROKEN, SPLIT, OR DAMAGED ROOTBALLS SHALL BE REJECTED.
- 4.5. CORD BINDING OF ALL B&B PLANTS SHALL BE CUT AND REMOVED, ALONG WITH THE BURLAP OF THE UPPER 1/3 OF THE ROOT BALL. ALL WIRE BASKETS ARE TO BE REMOVED PRIOR TO BACKFILLING PLANTING PIT.

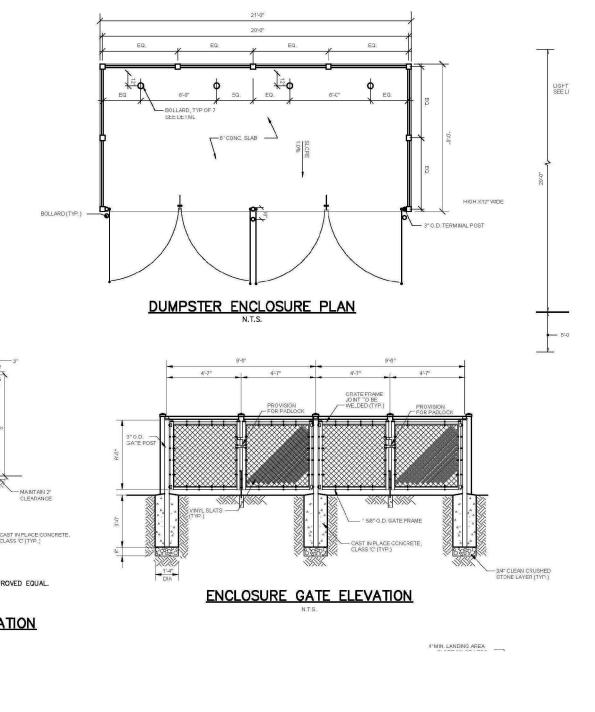
PRUNING:

- I.I. EACH TREE AND SHRUB SHALL BE PRUNED IN ACCORDANCE WITH AMERICAN STANDARD FOR NURSERY STOCK TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL DEAD WOOD OR SUCKERS AND ALL BROKEN OR BADLY BRUISED BRANCHES SHALL BE REMOVED. PRUNING SHALL BE DONE WITH CLEAN, SHARP TOOLS.
- SHADE TREES PLANTED NEAR PEDESTRIAN OR VEHICULAR ACCESS SHOULD NOT BE BRANCHED LOWER THAN 7'-0" ABOVE GRADE. PLANT MATERIAL LOCATED WITHIN SIGHT TRIANGLE EASEMENTS SHALL NOT EXCEED A MATURE HEIGHT OF 30" ABOVE THE ELEVATION OF THE ADJACENT CURB. STREET TREES PLANTED IN SIGHT TRIANGLE EASEMENTS SHALL BE PRUNED TO NOT TO HAVE BRANCHES BELOW 7'-0".

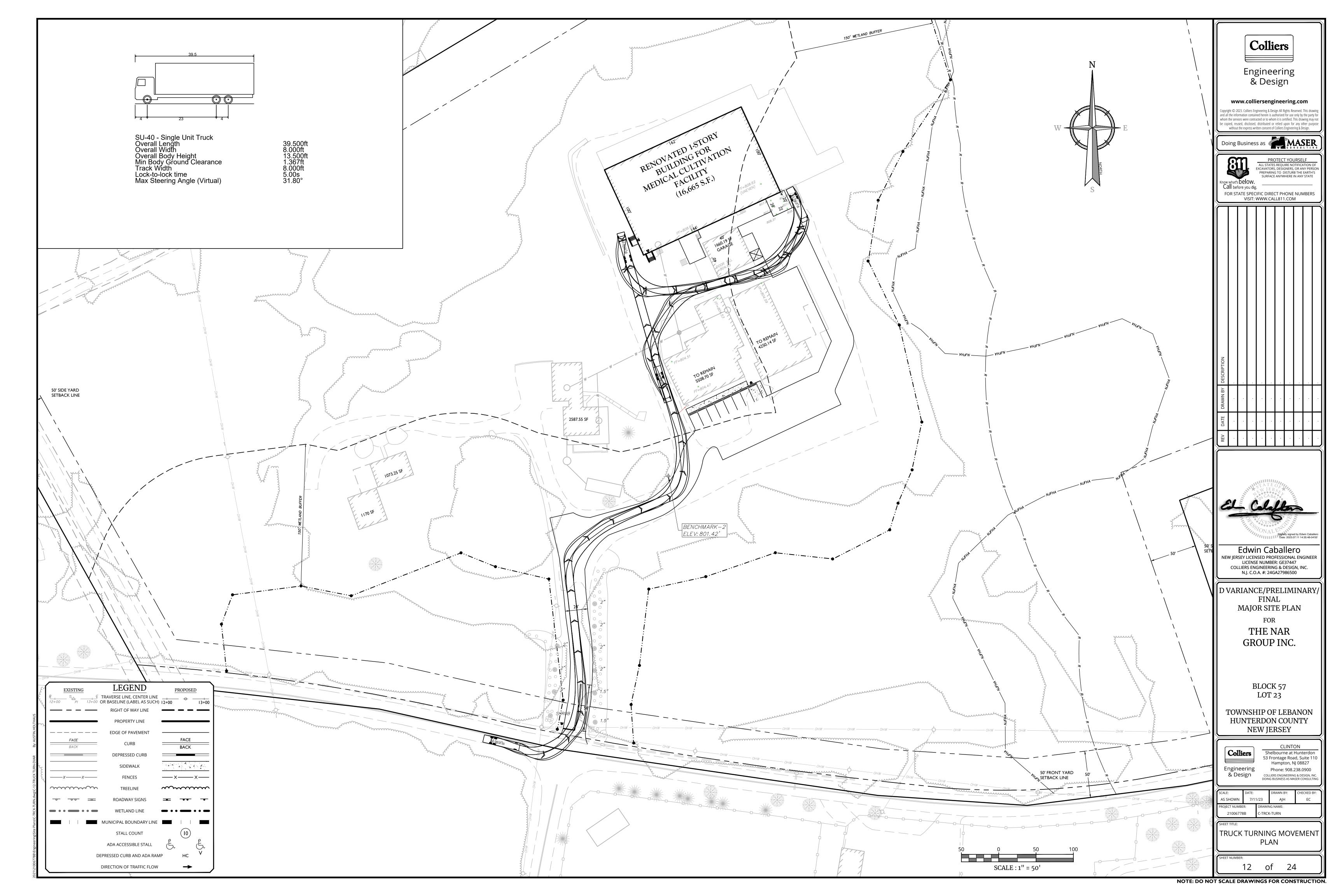
1.3. THE CENTRAL LEADER SHALL NOT BE CUT OR DAMAGED.

2. LAWN AREAS:

- THE LANDSCAPE CONTRACTOR SHALL TEST THE SOIL TO CONFIRM SUITABILITY FOR THE PROPOSED SEED MIX AND SUPPLEMENT AS REQUIRED TO MEET THE REQUIRED PH & NUTRIENT LEVELS.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITH SEED UNLESS OTHERWISE INDICATED ON THE LANDSCAPE PLANS. SEED SHALL BE IN ACCORDANCE WITH THE LAWN SEED MIX NOTES AND THE SOIL EROSION AND SEDIMENT CONTROL DISTRICT'S SEED SPECIFICATIONS AS NOTED ON THE SOIL EROSION AND SEDIMENT CONTROL DETAILS SHEET.
- 2.3. SOD, IF SPECIFIED, SHALL CONSIST OF A STATE CERTIFIED MIXTURE. ALL DISTURBED AREAS INDICATED AS LAWN OR SOD SHALL BE TOPSOILED, LIMED, AND FERTILIZED & FINE GRADED PRIOR TO LAWN INSTALLATION
- EXISTING VEGETATION: EXISTING TREES AND SHRUBS TO BE PRESERVED ON SITE SHALL BE PROTECTED AGAINST CONSTRUCTION DAMAGE BY SNOW FENCING. FENCING SHALL BE PLACED OUTSIDE THE INDIVIDUAL TREE CANOPY. TREES TO REMAIN SHALL BE IDENTIFIED IN THE FIELD PRIOR TO COMMENCEMENT OF CONSTRUCTION. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION, GRADING, OR CLEARING. EXISTING VEGETATION BEING PRESERVED AND LOCATED AT THE EDGE OF THE NEW TREELINE SHALL BE PRUNED AND TRIMMED TO REMOVE ALL DEAD, DAMAGED OR DISEASED BRANCHES
- SITE CLEANUP: PLANTING DEBRIS (WIRE, TWINE, RUBBERHOSE, BACKFILL, ETC.) SHALL BE REMOVED FROM THE SITE AFTER PLANTING IS COMPLETE. THE PROPERTY IS TO BE LEFT IN A NEAT, ORDERLY CONDITION IN ACCORDANCE WITH ACCEPTED PLANTING PRACTICES.

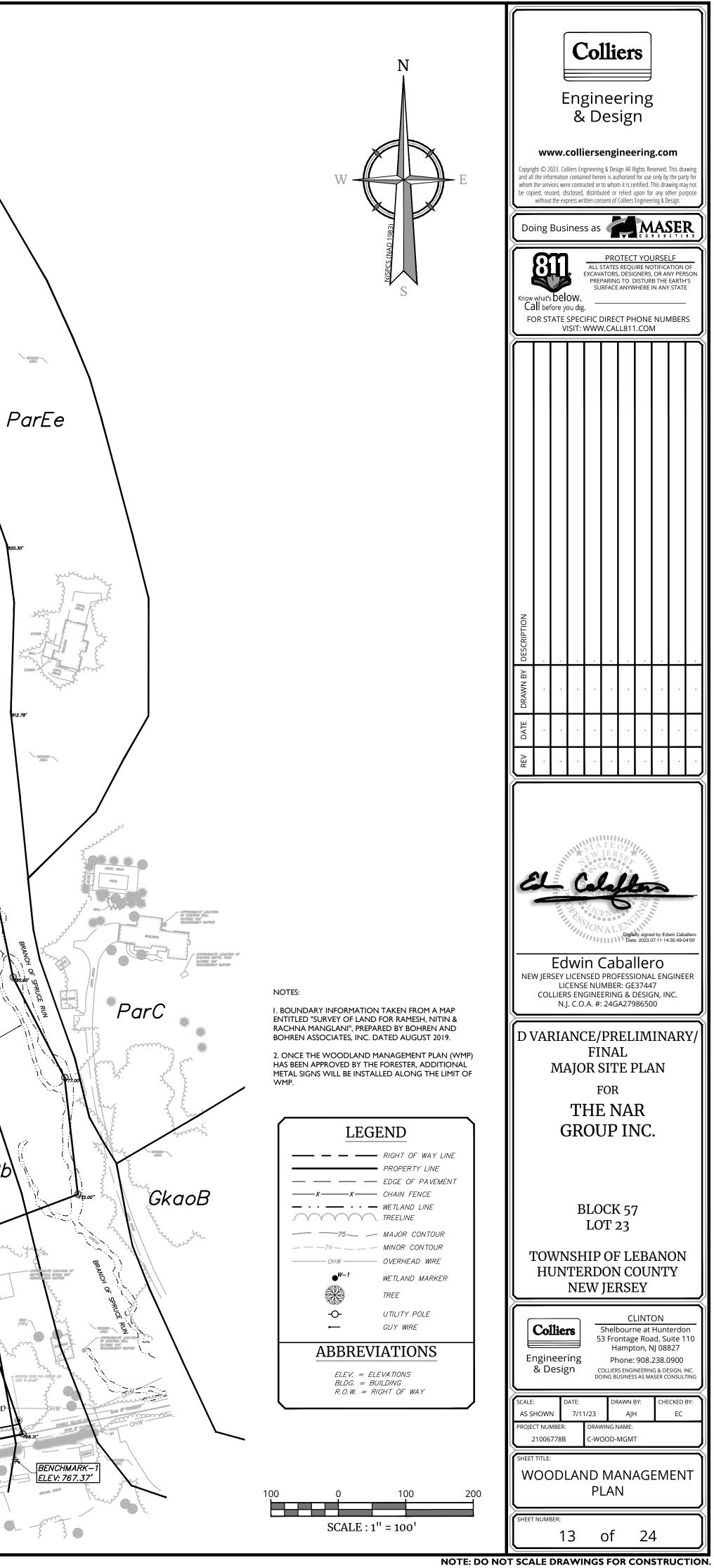


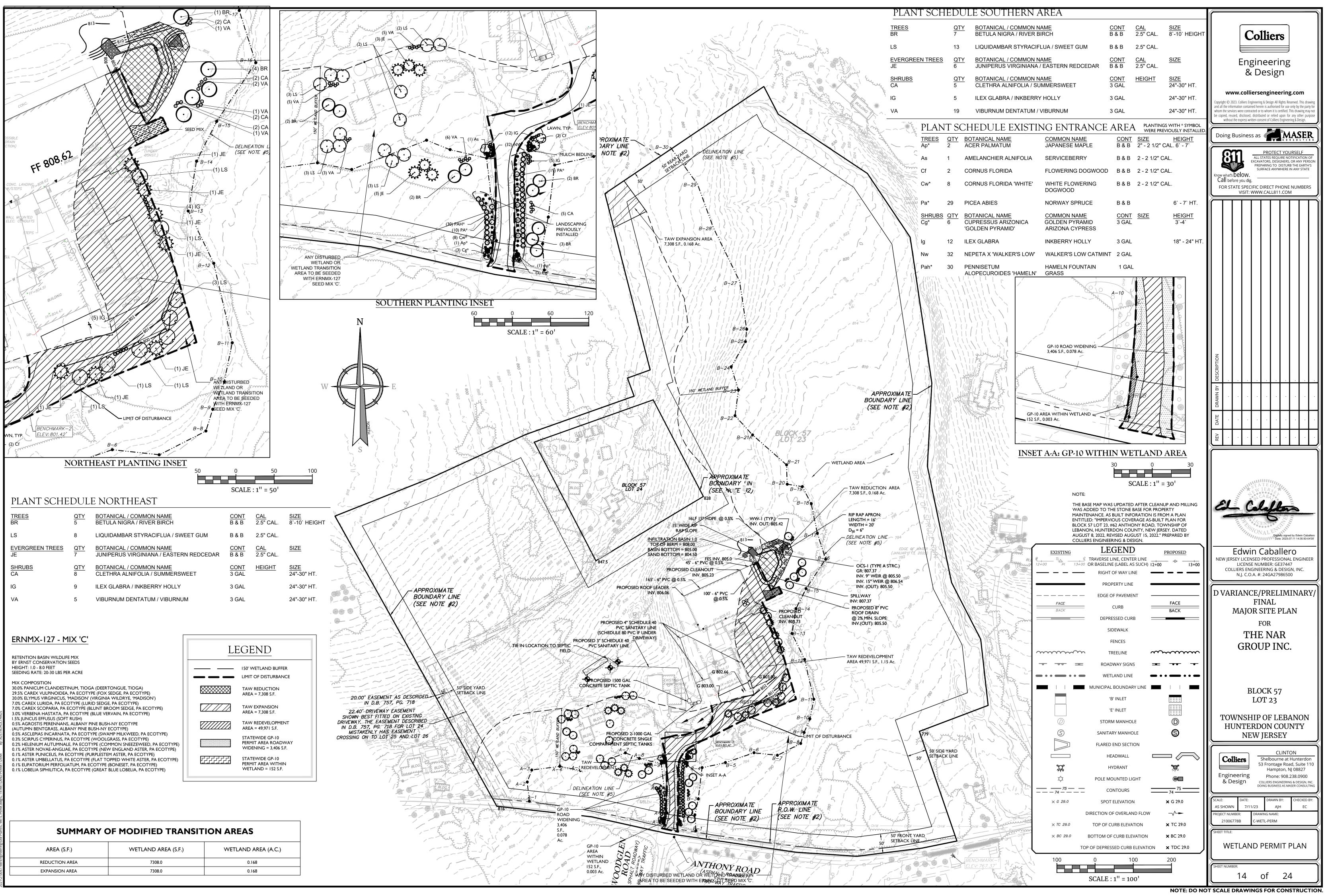
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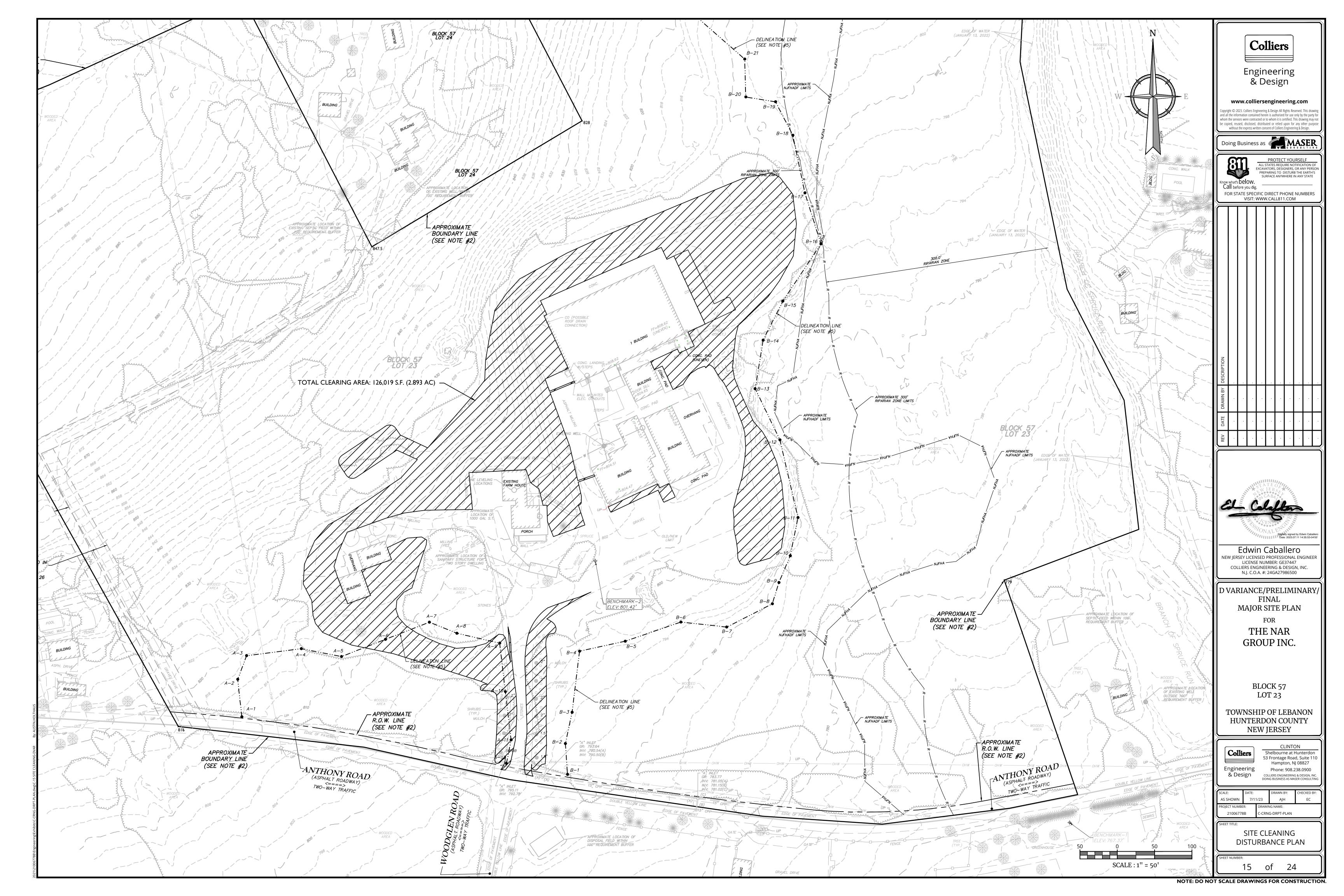


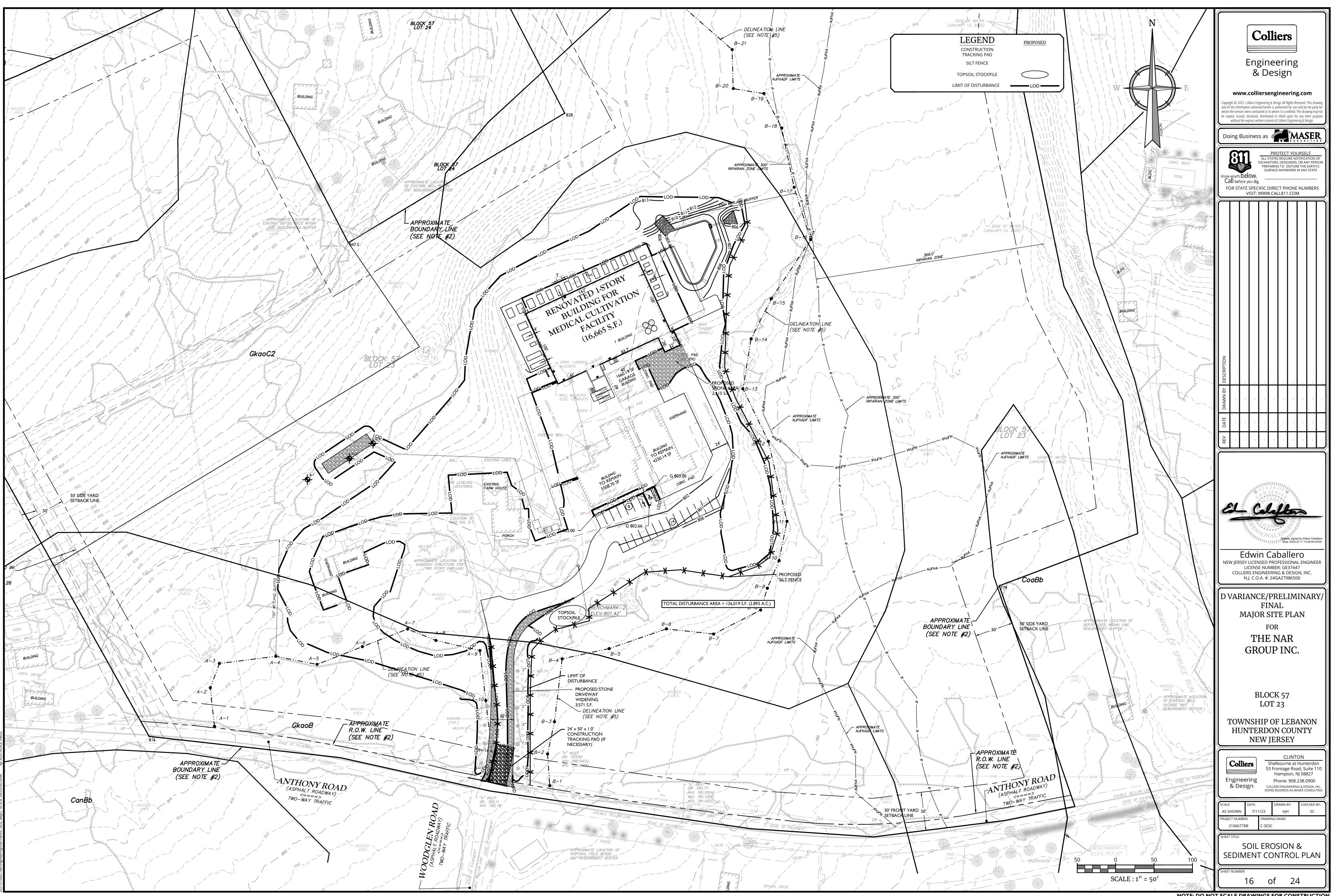






AREA (S.F.)	WETLAND AREA (S.F.)	WETLAND AREA (A.C.)
REDUCTION AREA	7308.0	0.168
EXPANSION AREA	7308.0	0.168





NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

HUNTERDON COUNTY SOIL CONSERVATION DISTRICT NOTES

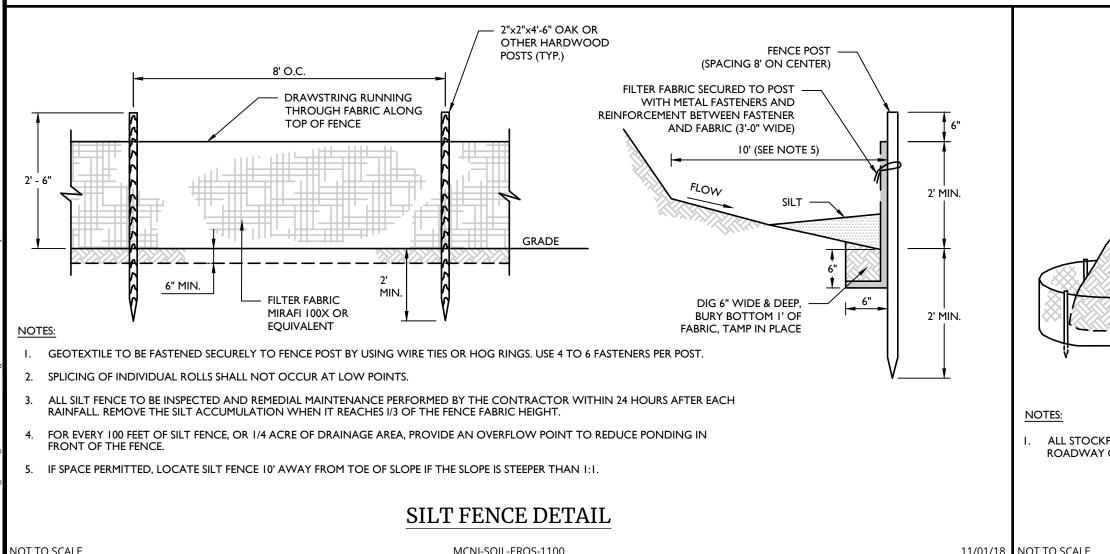
THE HUNTERDON COUNTY SOIL CONSERVATION DISTRICT REQUIRES AN ADVANCED 48-HOUR WRITTEN NOTIFICATION PRIOR TO THE START OF ANY LAND DISTURBANCE. A FAILURE OF THIS NOTIFICATION PRIOR TO THE START OF CONSTRUCTION WILL RESULT IN THE ISSUANCE OF A STOP CONSTRUCTION ORDER AND MAY BE CAUSE FOR LEGAL ACTION. NOTICE MAY BE FAXED TO (908) 788-0795 OR MAILED TO: HUNTERDON COUNTY SOIL CONSERVATION DISTRICT 687 PITTSTOWN ROAD FRENCHTOWN, NJ 08825

- LAND DISTURBANCE AND CONSTRUCTION WORK START INCLUDES ANY DEMOLITION OR CLEARING THAT TAKES PLACE ON THE PROJECT SITE. APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSTALLED AND MAINTAINED AT THE PROPOSED DEMOLITION AREAS.
- THE PROJECT APPLICANT AND CONTRACTOR ARE TO BE AWARE THAT ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED BY THE SOIL CONSERVATION DISTRICT OR MUNICIPAL ENGINEER IF FIELD CONDITIONS OR UNFORESEEN SITUATIONS WARRANT THEM.
- THE HUNTERDON COUNTY SOIL CONSERVATION DISTRICT ENCOURAGES THE INSTALLATION AND STABILIZATION OF PERMANENT DETENTION OR RETENTION FACILITIES FROM THE START OF THE PROJECT. THIS IS PARTICULARLY IMPORTANT ON ACCOUNT OF THE STEEP TOPOGRAPHY AND SOILS OF HUNTERDON COUNTY PRIORITY SHOULD TO BE SET ON CONSTRUCTION OF ANY THE DETENTION BASIN OR RETENTION BASIN FACILITY PRIOR TO ANY SIGNIFICANT AMOUNT OF LAND DISTURBANCE. SEDIMENT RISERS CAN BE USED ON A DETENTION BASIN AT ANY TIME AS LONG AS THEY MEET THE CRITERIA OF THE STATE SOIL EROSION AND SEDIMENT CONTROL STANDARDS. IF A SEDIMENT BASIN IS DESIGNED, AS EITHER WITHIN THE PERMANENT BASIN AREA OR AS A STAND-ALONE BASIN, THEY ARE TO BE DESIGN FULLY IN COMPLIANCE WITH THE STANDARDS AND ARE TO BE PROPERLY MAINTAINED DURING CONSTRUCTION. ALL DETENTION/RETENTION BASINS BE COMPLETED AND PERMANENTLY STABILIZED (ALONG WITH CONDUIT OUTLET PROTECTION AND 19. DUST CONTROL MEASURES ARE TO BE USED DURING ALL PHASES OF CONSTRUCTION LOW-FLOW CHANNEL) BEFORE ANY STORM DRAINAGE PIPING IS INSTALLED TO THE BASIN AND SAME PIPING IS FUNCTIONING. NO PAVING IS TO TAKE PLACE ON THE PROJECT SITE UNTIL ALL STORMWATER DETENTION/RETENTION FACILITIES ARE ADEQUATELY STABILIZED AS PER PLAN. FAILURE TO MAINTAIN A DETENTION. RETENTION, OR SEDIMENT FACILITY IN WORKING ORDER DURING CONSTRUCTION MAY BE GROUNDS FOR ISSUANCE OF A STOP CONSTRUCTION ORDER BY THE SOIL CONSERVATION DISTRICT.
- THE HUNTERDON COUNTY SOIL CONSERVATION DISTRICT DOES NOT SUPPORT NOR ENDORSE MASS EXCAVATION. THE AMOUNT OF SOIL DISTURBED AT ONE TIME. AND SUBJECT TO EROSION, IS TO BE KEPT TO A MINIMUM. IT IS THE POLICY OF THE HUNTERDON COUNTY SOIL CONSERVATION DISTRICT THAT LARGE DISTURBANCES OF SOIL EXPOSED AT ONE TIME ON A PROJECT WILL REQUIRE A DETAILED PLAN AND TIME-LINE FOR GETTING AREAS STABILIZED. THE STANDARD FOR SEDIMENT BARRIERS. WILL BE USED FOR LIMITING LARGE AREAS OF EXCAVATION. IF EXCAVATIONS ARE PROPOSED THAT EXCEED THE SEDIMENT BARRIER STANDARD, THEN ADDITIONAL MEASURES ARE TO BE DESIGNED AND DETAILED AND A DETAILED SEQUENCE OF CONSTRUCTION BE SUBMITTED FOR RE-CERTIFICATION AND APPROVAL. AS A MINIMUM. SOILS EXPOSED FOR LONGER THAN 30 DAYS WILL REQUIRE TEMPORARY STABILIZATION FOLLOWING THE AGRONOMIC SPECIFICATIONS ON THE PLAN.
- A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN IS TO BE KEPT ON THE PROIECT SITE DURING CONSTRUCTION AND AVAILABLE FOR REVIEW BY THE CONTRACTOR AND SOIL CONSERVATION DISTRICT INSPECTORS.
- THE LAND DISTURBANCE IS TO PROCEED IN ACCORDANCE WITH THE APPROVED SEQUENCE OF CONSTRUCTION AND THE CERTIFIED PLAN. ALL REQUIRED SOIL EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSTALLED AND MAINTAINED AS OUTLINED IN THE PLAN
- THE SOIL CONSERVATION DISTRICT IS TO BE NOTIFIED AND REPRESENTED AT A PRECONSTRUCTION CONFERENCE (USUALLY HELD AT THE MUNICIPAL ENGINEERS OFFICE) PRIOR TO THE START OF CONSTRUCTION OR ANY LAND DISTURBANCE.
- ALL STOCKPILES OR DISTURBED AREAS THAT ARE NOT BEING GRADED, NOT UNDER ACTIVE CONSTRUCTION OR NOT SCHEDULED TO BE PERMANENTLY SEEDED WITHIN FOURTEEN (14) DAYS MUST BE TEMPORARILY STABILIZED AS PER SPECIFICATIONS BELOW.
- ALL EXPOSED AREAS WHICH ARE TO BE PERMANENTLY VEGETATED, ARE TO BE SEEDED AND MULCHED WITHIN 10 DAYS OF FINAL GRADING.
- STRAW MULCH (HAY MULCH MAY BE SUBSTITUTED IF APPROVED BY THE DISTRICT) IS TO BE APPLIED TO ALL SEEDINGS AT A RATE OF 1-1/2 TO 2 TONS PER ACRE (APPROX. 100 TO 130 BALES PER ACRE)
- MULCH ANCHORING IS REQUIRED AFTER MULCHING TO MINIMIZE LOSS BY WIND OR WATER. THIS IS TO BE DONE USING ONE OF THE METHODS (CRIMPING, LIQUID MULCH BINDERS, NETTINGS, ETC.) IN THE "STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY"
- PERENNIAL GRASS COVER MUST RECEIVE PERMANENT STABILIZATION AS PER THESE SPECIFICATIONS.
- ALL BAGS NEED TO BE SAVED FOR LIME, FERTILIZER, SEED, AND LIQUID MULCH BINDER (IF MULCH ANCHORING METHOD), SUCH PROOFS NEED TO BE SUBMITTED TO THE DISTRICT INSPECTOR FOR VERIFICATION OF MATERIALS AND QUANTITIES USED FOR ALL SEEDINGS.
- AN ADDITIONAL FEE PER INSPECTION (AS PER THE CURRENT HUNTERDON COUNTY SOIL CONSERVATION DISTRICT FEE SCHEDULE AT THE TIME OF INSPECTION) WILL BE ASSESSED ON THOSE SITES HERE ADDITIONAL INSPECTIONS ARE NECESSITATED AS A RESULT OF ON-COMPLIANCE WITH THE APPROVED PLAN. THIS INCLUDES ADDITIONAL 29. INSPECTIONS PERFORMED AFTER THE FAILURE OF AN INITIAL REPORT OF COMPLIANCE INSPECTION. THE ENTIRE PROJECT SITE IS INSPECTED AT THE TIME OF A REQUEST FOR REPORT OF COMPLIANCE.
- SOILS IN HUNTERDON COUNTY REQUIRE THAT ALL STONE TRACKING PADS (STABILIZED CONSTRUCTION ENTRANCE) BE INSTALLED AT A MINIMUM OF 100 FT. IN 30. THE HUNTERDON COUNTY SOIL CONSERVATION DISTRICT DOES NOT RECOMMEND LENGTH FOR ROADWAY GRADES OF 0% TO 2% AND 200 FT. FOR ACCESS GRADES GREATER THAN 2%. THIS REQUIREMENT IS THE SAME, REGARDLESS IF MAIN PROJECT ENTRANCE OR INDIVIDUAL DWELLING STONE TRACKING PADS OR OTHER MEASURES APPROVED BY THE SOIL CONSERVATION DISTRICT ARE TO BE INSTALLED AT ALL CONSTRUCTION ACCESSES TO PAVEMENT.

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THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL 31. TEMPORARY DI PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO ROADWAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT, ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO ROADWAYS (PUBLIC OR PRIVATE) OR OTHER IMPERVIOUS SURFACES MUST BE REMOVED IMMEDIATELY

- WHERE ACCUMULATING OF DUST/SEDIMENT IS INADEQUATELY CLEANED OR REMOVED BY CONVENTIONAL METHODS, A POWER BROOM OR STREET SWEEPER WILL BE REQUIRED TO CLEAN PAVED OR IMPERVIOUS SURFACES. ALL OTHER ACCESS POINTS, WHICH ARE NOT STABILIZED, SHALL BE ADEQUATELY BLOCKED OFF.
- 17. CONDUIT OUTLET PROTECTION (RIP-RAP APRONS OR SCOUR HOLES) MUST BE DESIGNED AND INSTALLED AT ALL PIPE OUTLETS AS PER THE CERTIFIED PLANS AND STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY. CONDUIT OUTLET PROTECTION MUST BE INSTALLED IMMEDIATELY FOLLOWING PIPE INSTALLATION AND PRIOR TO ANY PIPE FLOW. CONDUIT OUTLET PROTECTION MUST BE MAINTAINED AS PER DESIGN UNTIL THE COMPLETION OF THE PROJECT AND ISSUE OF FINAL REPORT OF COMPLIANCE. SEE CONDUIT OUTLET PROTECTION DETAIL
- ALL STORMWATER INLET PROTECTION NEEDS TO BE MAINTAINED PERIODICALLY WITH FRESH HAYBALES OR CLEAN STONE BERMS (STONE SIZED I 1/2"-2 1/2") OR APPROVED METHOD TO COMPLETELY ENCIRCLE, BUT NOT BLOCK THE INLETS. SEE DETAIL.
- INSPECTIONS OF STORMWATER INLET PROTECTION SHALL BE FREQUENT. MAINTENANCE, REPAIR, AND REPLACEMENT SHALL BE MADE PROMPTLY, AS NEEDED. INLET PROTECTION NEEDS TO BE MAINTAINED UNTIL ALL AREAS OF THE SITE, OR AS A MINIMUM THE AREA DRAINING TO THE INLET, ARE PERMANENTLY STABILIZED AND APPROVED BY SOIL CONSERVATION DISTRICT INSPECTORS.
- OF THE PROJECT. SEE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN 37. ALL DISTURBE NEW IERSEY PAGES 16-1 AND 16-2. SEE DUST CONTROL NOTES
- ALL TREES THAT ARE TO BE PROTECTED FROM ENVIRONMENTAL AND MECHANICAL INJURY DURING CONSTRUCTION ARE TO BE ADEQUATELY MARKED AND FENCED-OFF PRIOR TO CONSTRUCTION AND MAINTAINED DURING CONSTRUCTION. FOR FURTHER INFORMATION SEE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW IERSEY PAGES 9-1 THROUGH 9-7. SEE PROPER TREE PROTECTION DETAIL
- DEWATERING METHODS ARE TO BE FOLLOWED TO PROPERLY REMOVE SUSPENDED SEDIMENTS IN WATER FROM EXCAVATIONS AND/OR TRENCHES PRIOR TO DISCHARGE TO DOWNSTREAM AREAS AND/OR WATERCOURSES. THESE METHODS ARE TO FOLLOW THOSE FOUND IN THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY, PAGES 14-ITO 14-7.
- ON SUBDIVISION PLANS, INDIVIDUAL LOTS ON STEEP SLOPES (GREATER THAN 10%) OR IN CLOSE PROXIMITY TO A DRAINAGEWAY, REQUIRE AN INDIVIDUAL SOIL EROSION 40. PURSUANT TO AND SEDIMENT CONTROL/GRADING TO BE SUBMITTED AND CERTIFIED PRIOR TO OBTAINING A BUILDING PERMIT AND BEFORE ANY LAND DISTURBANCE ON THAT LOT. THESE INDIVIDUAL LOT PLANS ARE CONSIDERED MINOR REVISIONS TO A CERTIFIED PLAN AND WILL BE SUBJECT TO A RESUBMISSION FEE FOR REVIEW AND CERTIFICATION AS PER THE CURRENT HUNTERDON COUNTY SOIL CONSERVATION DISTRICT FEE SCHEDULE AT THE TIME OF SUBMISSION THE LOTS REQUIRING INDIVIDUAL LOT PLANS FOR THIS PROJECT ARE NONE.
- AS PER THE TRAFFIC CONTROL STANDARD IN THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY (PAGE 33-I) STEEP BANKS, WETLAND BUFFERS, 41. PLANS SUBMIT WATERWAYS, AND OTHER SENSITIVE AREAS ARE TO BE AVOIDED BY CONSTRUCTION TRAFFIC. WETLAND BUFFER AND WETLAND AREAS ARE TO BE ADEQUATELY MARKED IN FIELD PRIOR TO CONSTRUCTION AND MAINTAINED DURING CONSTRUCTION.
- ANY FORMER AGRICULTURAL CROP FIELDS THAT ARE EITHER IN CROPS, CROP RESIDUE, 42. ALL REVISION OR ANNUAL WEED COVER ARE TO BE STABILIZED FOLLOWING THE AGRONOMIC SPECIFICATIONS FOR HUNTERDON COUNTY. THIS IS TO BE EITHER A COVER CROP FROM THE PERIOD OF LAST HARVEST AND CONSTRUCTION START-UP OR TEMPORARY STABILIZATION THROUGH SEEDING AND MULCHING. AREAS THAT ARE NOT GOING TO BE EITHER BUILT ON OR CONTINUED TO BE FARMED ARE TO RECEIVE PERMANENT **STABILIZATION**
- 25. IF EXCESS FILL OR ANY OTHER MATERIAL IS TO BE REMOVED FROM THE SITE, THE PROJECT OWNER/APPLICANT SHALL BE RESPONSIBLE FOR ITS PROPER DISPOSAL AND WILL NOTIFY THE HUNTERDON COUNTY SOIL CONSERVATION DISTRICT AS TO THE PLANNED DISPOSAL SITE LOCATION. IF APPLICABLE, A SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE SUBMITTED TO, REVIEWED AND CERTIFIED BY THE HUNTERDON COUNTY SOIL CONSERVATION DISTRICT PRIOR TO ANY MATERIAL REMOVAL FROM THE PROJECT SITE. REMOVAL OF ANY SOIL MATERIAL FROM THE PROJECT SITE WITHOUT WRITTEN AUTHORIZATION FROM THE HUNTERDON COUNTY SOIL CONSERVATION DISTRICT IS A VIOLATION OF THE STATE SOIL EROSION AND SEDIMENT CONTROL ACT.
- EXISTING WEEDY AND POORLY-VEGETATED AREAS WITH LESS THAN 80 PERCENT 26. STOCKPILING OF FINES (SAND, QUARRY-PROCESS-BLEND, ETC.) IS NOT ALLOWED ON PAVED SURFACES OF THE PROJECT SITE.
 - ANY GABION BASKETS USED ON THE PROJECT ARE TO BE COATED WITH PLASTIC OR 27 PVC AND FILLED WITH 4"-7" ANGULAR ROCK. THE GABION THICKNESS IS TO BE AT LEAST THE CALCULATED STONE D50 SIZE OF A REGULAR RIP-RAP APRON. FILTER FABRIC IS TO BE INSTALLED BETWEEN THE SUBGRADE AND THE GABIONS.
 - 28. THE LIMITS OF DISTURBANCE SHOWN ON THE PLANS ARE NOT TO BE EXCEEDED UNLESS AUTHORIZED BY THE HUNTERDON COUNTY SOIL CONSERVATION DISTRICT 46. SOIL COMPACT AND A REVISED PLAN SUBMITTED FOR CERTIFICATION.
 - ALL DISTURBED ROADSIDE AREAS NEED TO BE TOPSOILED, FINAL-GRADED, LIMED, FERTILIZED, SEEDED, MULCHED, AND MULCH-ANCHORED (FOLLOWING DISTRICT AGRONOMIC SPECIFICATIONS FOR PERMANENT SEEDING)FOR A MINIMUM DISTANCE APPROVED BY THE DISTRICT BACK FROM THE CURB-LINE PRIOR TO APPROVAL OF PERMANENT IMPROVEMENT.
 - THE USE OF RIP-RAP D50 SIZES SMALLER THAN 6" FOR APRONS OR SCOUR HOLES SINCE SMALLER STONE SIZES (3" OR 4") TEND TO WASH/ERODE UNDER HIGHINTENSITY RAIN STORMS. THE HUNTERDON DISTRICT RECOMMENDS THAT THE SMALLEST D50 STONE SIZE BE SPECIFIED AS 6" WITH THICKNESS SPECIFIED AS 12" WITH FILTER FABRIC OR 18" WITHOUT FABRIC



- A STABLE ARE REFER TO THE IERSEY. (PAGE SPACING.
- 32. A SEDIMENT B BETWEEN THE TO PROTECT OTHER CONS PERMANENTLY
- HUNTERDON TOPOGRAPHY COVERAGE. A EQUIPMENT M PURPOSE OF AN
- 34. IF SUBSURFACE WILL BE RECT CONTROL IN N
- 35. ALL DEVELOPM ACCUMULATIC
- "CURLEX" OR INSTALLED WI ANCHORING E
- CONSTRUCTION MUST BE TEMPO
- 38. A REPORT OF C EACH DWELLIN THAT LOT. FAIL CONTROL PLAN INDIVIDUAL LO
- 39. IT IS THE OV PROPERTY CO EROSION AND OWNERS ON
- CHAPTER 251. **REVIEWED THI** SEDIMENT CON CONTROL PLA EROSION, SEDI SPECIFIED IN TI LAND USE UN PREVIOUSLY API

- BE CONSISTENT AS NIDEP. ML AUTHORITY WO
- RESUBMISSION 43. REPORT OF C STABILIZATION
- BOND AGREEN BE ISSUED BY COMPLETION TEMPORARY) OF COMPLIAN
- SOIL CONSER COMPLIANCE AND THE STA WITH THE PLAI PURSUANT TO FOR VIOLATIO TO \$3,000 EACI
- 45. IT IS POLICY PERIODICALLY INSPECTION I ADDITIONAL
- NOT, AS PER T SCHEDULE AT PARKING ARE CONSTRUCTIC

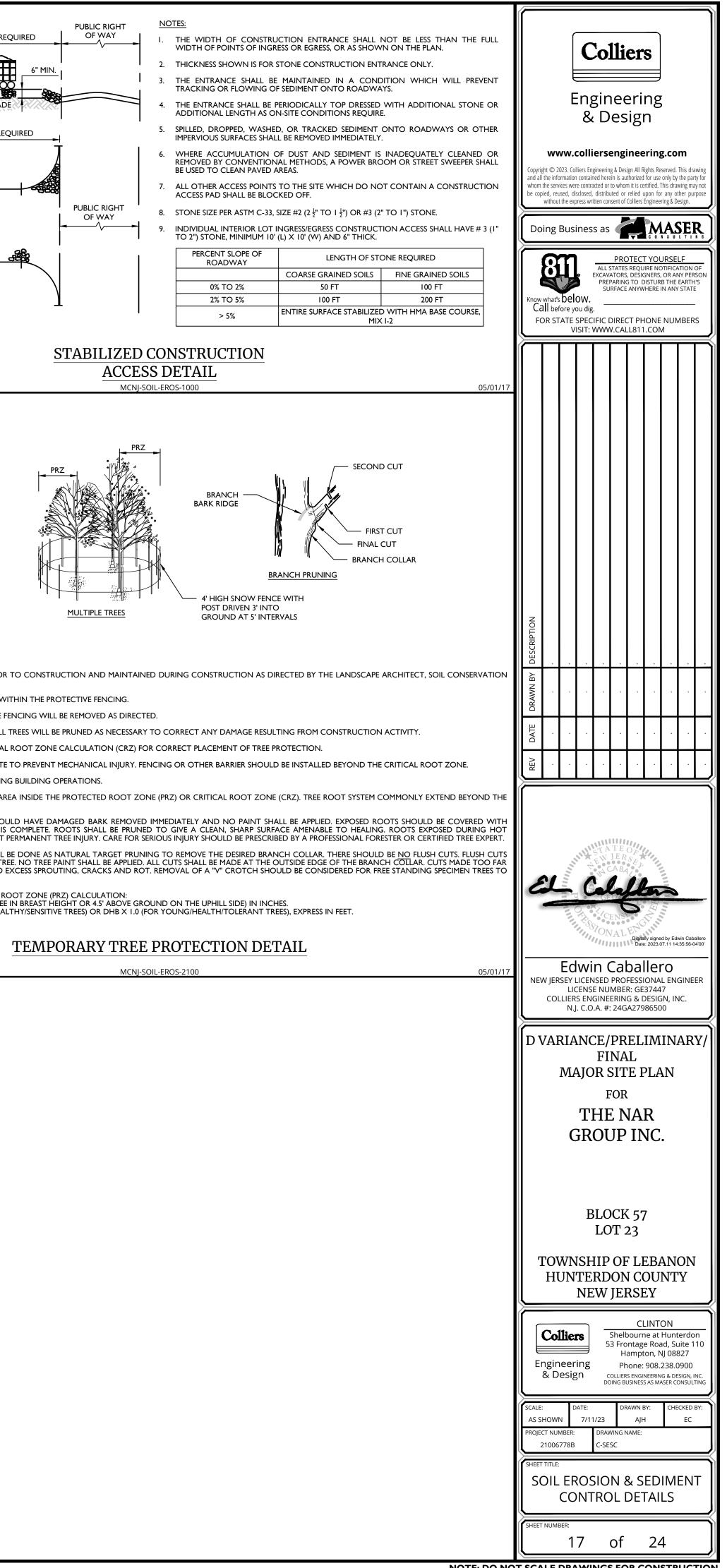
OTES	ADDITIONAL CONSERVATION					LENGTH OF STONE RE
05/01/17		MCNJ-SOIL-		05/01/17	EXISTING	
31. TEMPORARY DIVERSIONS TO DIRECT WATER OFF OF A GRADED RIGHT-OF-WAY ONTO A STABLE AREA ARE NEEDED DURING CONSTRUCTION. FOR FURTHER INFORMATION REFER TO THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY, (PAGE 15.3 ITEM 2 AND FIGURE 15-4) FOR THE REQUIRED DIMENSIONS AND SPACING.	REPORTS OF COMPLIANCE: PEI AREA OR LOT IS FINAL GRADEI OTHER ITEMS SPECIFIED IN TH (SWALES, RIP-RAP, SPECIAL GR MUST ALSO HAVE DRIVEWAYS	d, topsoiled, l 1e certified sc Ading, etc.) m	IMED, FERTILIZED, SEED DIL EROSION AND SEDI IUST ALSO BE COMPLE	ed and mulched. All Ment control plan Ted. Individual lots		COMPACTED SUBGRAD
32. A SEDIMENT BARRIER MUST BE INSTALLED ABOVE ANY DETENTION/RETENTION BASINS (BETWEEN THE ROADWAY/BUILDING CONSTRUCTION AND DETENTION BASIN). THIS IS TO PROTECT THE DETENTION BASIN NEWLY GRADED/SEEDED AREAS WHILE THE OTHER CONSTRUCTION IS BEING COMPLETED AND ALL UPSTREAM AREAS ARE PERMANENTLY STABILIZED.	Topsoiling: Areas to be sei Objectionable stones and <u>Final_grading:</u> grading is stones, depressions and ro	debris. 5 to be smoo				LENGTH OF STONE REC
33. HYDROSEEDING/HYDROMULCHING ARE NOT RECOMMENDED PRACTICES IN HUNTERDON COUNTY DUE TO THE HIGH FAILURE RATE OF SEEDINGS, STEEP TOPOGRAPHY, POOR SEED-TO-SOIL CONTACT AND POOR GROUND SURFACE COVERAGE. ALL SEED MUST BE INCORPORATED INTO THE SOIL. HYDROSEEDING EQUIPMENT MAY BE USED IN CONJUNCTION WITH STRAW/HAY MULCH FOR THE PURPOSE OF ANCHORING THE MULCH WITH LIQUID MULCH BINDERS.	PERMANENT SEEDING: ALL A SPECIFICATIONS. THE SEED MI SPECIFIED. SEED MIXTURES TH RYEGRASS, ETC.), SOMETIMES CERTIFIED SEED IS TO BE USE SAVED, SO THAT THE DISTRIC THESE LABELS/SLIPS MAY NEE INSPECTION.	IXTURE IS TO C IAT HAVE A HIC LABELED "CO D. THE SEED, FI CT CAN VERIFY	CONSIST OF PERENNIAI SH PERCENTAGE OF AI NTRACTORS MIX:" AP ERTILIZER, LIME, ETC. L THE MIXTURE AND TH	LAWN TYPE SEED AS NNUAL SEED (ANNUAL RE NOT ACCEPTABLE. ABELS/SLIPS ARE TO BE RE APPLICATION RATES.	EXISTING GROUND SEE NOTE I	
34. IF SUBSURFACE WATER PROBLEMS ARE DISCOVERED DURING CONSTRUCTION, THEY WILL BE RECTIFIED FOLLOWING THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY (SUBSURFACE DRAINAGE, PAGE 32-1 THROUGH 32-4).	MULCH: ALL SEEDING (PERMAN HAY. THIS MULCH IS TO E (APPROXIMATELY 100-130 BALE	BE APPLIED AT ES/ACRE) IN ORI	A RATE OF 11/2 TO	2 TONS PER ACRE	+	
35. ALL DEVELOPMENT ROADWAYS ARE TO BE KEPT SCRAPED/SWEPT TO REMOVE SEDIMENT ACCUMULATIONS ALONG CURBS AND AROUND STORMWATER INLETS.	GROUND SURFACE COVERAGE	_CH <u>MUST</u> BE AN				
36. THE MAXIMUM ALLOWABLE VEGETATED SLOPE IS 2:1. SLOPES IN EXCESS OF 3:1 (BETWEEN 2:1 AND 3:1) REQUIRE TEMPORARY EROSION CONTROL MATTING, SUCH AS EXCELSIOR "CURLEX" OR EQUIVALENT, FOR STABILIZATION. THE MATTING IS TO BE PROPERLY INSTALLED WITH SPECIFIED OVERLAP, CHECK SLOTS, ANCHORING SPACING, AND ANCHORING DEVICE TYPE, GAUGE, AND SIZE.	MINIMIZE LOSS BY WIND OR (CRIMPING, LIQUID MULCH BIN AND SEDIMENT CONTROL IN SEEDING PRIOR TO DISTRICT I RESPONSIBLE TO ENSURE THAT	IDERS, NETTING NEW JERSEY". INSPECTION, IT	, ETC.) IN THE "STANDA IF THE MULCH WASHE WILL FAIL THE INSPECT	RDS FOR SOIL EROSION IS OR BLOWS OFF THE FION. CONTRACTOR IS		
37. ALL DISTURBED AREAS THAT ARE NOT BEING GRADED, NOT UNDER ACTIVE CONSTRUCTION, OR NOT SCHEDULED TO BE PERMANENTLY SEEDED WITHIN 30 DAYS MUST BE TEMPORARILY STABILIZED AS PER THE AGRONOMIC SPECIFICATIONS.	WEEDY AND POORLY VEGET/ PERCENT PERENNIAL GRASS CO ABOVE), IF THEY ARE WITHIN AREAS MUST BE PROPERLY S CONTACT.	OVER MUST REC	EIVE PERMANENT STABI BOUNDARIES OF THE P	LIZATION (AS SPECIFIED ROJECT OR LOT. THESE	NOT TO SCALE	
38. A REPORT OF COMPLIANCE FROM THE SOIL CONSERVATION DISTRICT IS REQUIRED FOR EACH DWELLING LOT PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY ON THAT LOT. FAILURE TO MAINTAIN OR COMPLY WITH THE SOIL EROSION AND SEDIMENT CONTROL PLAN FOR THE PROJECT WILL BE CAUSE FOR COMPLIANCE FAILURE ON AN INDIVIDUAL LOT.	COMPLIANCE INSPECTION: TH OFFICE TO SCHEDULE A COM ADVANCE (4 TO 5 DAYS PREF INSPECTIONS IF WORK (STAB NATURE (RAIN, WIND, ETC.) HJ	IPLIANCE INSPEC ERRED). THE CO SILIZATION) IS M AS DISRUPTED S	CTION, A MINIMUM OF DNTRACTOR IS RESPON NOT 100 PERCENT CO TABILIZATION EFFORTS	2 WORKING DAYS IN ISIBLE FOR CANCELING MPLETED, OR ACT OF . A \$125 RE-INSPECTION		PRZ
39. IT IS THE OWNER/APPLICANTS RESPONSIBILITY TO NOTIFY THE DISTRICT OF ALL PROPERTY CONVEYANCES AND SALE OF INDIVIDUAL LOTS ON A PROJECT. SOIL EROSION AND SEDIMENT CONTROL PLAN APPLICATIONS ARE TO BE FILED BY ANY NEW OWNERS ON PROJECTS/LOTS WHERE CONSTRUCTION ACTIVITIES ARE TO STILL TAKE PLACE.	FEE WILL BE ASSESSED FOR EA OR LOT IS STABILIZED SATISI INDIVIDUAL LOT IN A PROJEC DEFICIENCIES IN FOLLOWING TRACKING PADS, INLET PROT ETC. WILL CONSTITUTE A COM	FACTORILY. WH T, THE REMAINI THE EROSION A ECTION, KEEPIN	IEN AN INSPECTION IS NG PROJECT AREA WII ND SEDIMENT CONTRO IG ROADS CLEAN OF	S REQUESTED FOR AN LL BE LOOKED AT FOR DL PRACTICES, SUCH AS SEDIMENT, SILT FENCE,		
40. PURSUANT TO THE NEW JERSEY SOIL EROSION AND SEDIMENT CONTROL ACT, CHAPTER 251, P.L. 1975, THE HUNTERDON COUNTY SOIL CONSERVATION DISTRICT HAS REVIEWED THE PLANS FOR THIS PROJECT AND CERTIFIES THE SOIL EROSION AND SEDIMENT CONTROL PLAN. THE APPROVAL OF THE SOIL EROSION AND SEDIMENT CONTROL PLANS BY THE SOIL CONSERVATION DISTRICT IS LIMITED TO THE SOIL EROSION, SEDIMENTATION, AND RELATED STORMWATER MANAGEMENT CONTROLS SPECIFIED IN THIS PLAN. IT IS NOT AUTHORIZATION TO ENGAGE IN THE PROPOSED LAND USE UNLESS THE MUNICIPALITY OR OTHER CONTROLLING AGENCY HAS PREVIOUSLY APPROVED SUCH USE.	TEMPORARY REPORTS OF CC STABILIZATION) AT ALL TIMES PROPERLY FINAL GRADED. WH I - MAY 15 OR AUGUST 15 - OC THE LOT CANNOT BE PER TEMPORARY REPORT OF COMI IS POSTED TO ASSURE AND CONDITIONS, OR OTHER FAC AMOUNT PLUS AN ADMINISTR	OMPLIANCE: TH OF THE YEAR A IEN SEEDING OU T. I), SEEDING R MANENTLY ST PLIANCE IS ISSUE GUARANTEE ST TORS PREVENT I	E DISTRICT ACCEPTS AS LONG AS THE LOT/ IT OF THE OPTIMAL SEE ATES ARE TO BE INCRE ABILIZED TO DISTRIC D WHEN A CASH PERF ABILIZATION WHEN V PERMANENT STABILIZA	SEEDING (PERMANENT PROJECT AREA CAN BE DING PERIODS (MARCH ASED BY 50 PERCENT. IF CT SPECIFICATIONS, A ORMANCE GUARANTEE VINTER MONTHS, WET TION. THE CASH BOND		SINGLE TREE
41. PLANS SUBMITTED TO THE HUNTERDON COUNTY SOIL CONSERVATION DISTRICT MUST BE CONSISTENT WITH PLANS ANY PLANS SUBMITTED TO A REGULATORY AGENCY SUCH AS NJDEP, MUNICIPALITY, ETC. ANY REVISIONS REQUIRED BY ANY REVIEWING AUTHORITY WOULD REQUIRE A RESUBMISSION TO THE DISTRICT FOR REVIEW.	BASED ON THE AMOUNT OF ROUNDED TO THE NEAREST A TOPSOIL CANNOT BE SPREAD INCREASED TO 2 TIMES. PERMA CANNOT BE BONDED. IF NOT	ACRES DISTUR ACRE THEREAFTE OVER THE DIS ANENT IMPROVE F PERMANENTLY	RED (ONE ACRE BEIN R). BONDING IS ONLY TURBED AREA, THE BO MENTS SUCH AS RIPRA STABILIZED, THE DIST	G THE <u>MINIMUM</u> AND FOR STABILIZATION. IF ND AMOUNT IS TO BE P, PIPING, PAVING, ETC. URBED ACREAGE MUST	<u>NOTES:</u>	
42. ALL REVISIONS AND MUNICIPAL RENEWALS OF THIS PROJECT WILL REQUIRE RESUBMISSION AND APPROVAL BY THE SOIL CONSERVATION DISTRICT.	BE MULCHED (AS A MINIMUM) A TEMPORARY STABILIZATION F MAY ALSO BE REQUIRED IF FIEL	PRACTICE. OTHI	ER PRACTICES (SILT FE		DISTRICT AND/OR	ING IS TO BE ERECTED PRIOR MUNICIPAL ENGINEER.
43. REPORT OF COMPLIANCE: A REPORT OF COMPLIANCE APPROVING PERMANENT STABILIZATION MEASURES (OR A SOIL EROSION AND SEDIMENT CONTROL COMPLETION BOND AGREEMENT WITH TEMPORARY STABILIZATION FOR THE WINTER SEASON) IS TO BE ISSUED BY THE SOIL CONSERVATION DISTRICT ON ALL PROJECTS AT THEIR COMPLETION. BEFORE ANY CERTIFICATE OF OCCUPANCY (PERMANENT OR TEMPORARY) CAN BE GRANTED BY THE MUNICIPALITY OR STATE, A WRITTEN REPORT OF COMPLIANCE MUST BE ISSUED BY THE SOIL CONSERVATION DISTRICT.					 AS CONSTRUCTION AT THE COMPLETING GENERAL MECHANIC 	ON ACTIVITY IS PERMITTED WI ON NEARS COMPLETION THE F ON OF CONSTRUCTION, ALL NICAL DAMAGE - SEE CRITICAL N 25 FEET OF A BUILDING SITE
44. PURSUANT TO AUTHORITY GRANTED BY N.J.S.A. 4:24-47, THE HUNTERDON COUNTY SOIL CONSERVATION DISTRICT PERIODICALLY INSPECTS THE PROJECT SITE FOR COMPLIANCE WITH THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLANS AND THE STATE SOIL EROSION AND SEDIMENT CONTROL ACT. FAILURE TO COMPLY WITH THE PLANS AND THE ACT MAY BE CAUSE FOR COURT ACTION AND PENALTIES, PURSUANT TO N.J.S.A. 4:24-53. THE MAXIMUM STATUTORY PENALTY PROVIDED BY LAW FOR VIOLATIONS OF THE SOIL EROSION AND SEDIMENT CONTROL ACT IS A FINE OF UP		DUST CO	DNTROL	05/01/17	 FEEDER ROOTS SH DRIP LINE. DAMAGED TRUNK TOPSOIL IMMEDIA WEATHER SHOULI 	T BE NAILED TO TREES DURING OULD NOT BE CUT IN AN AR S OR EXPOSED ROOTS SHOL TELY AFTER EXCAVATION IS D BE IRRIGATED TO PREVENT F
TO \$3,000 EACH DAY AND AN INJUNCTIVE ORDER OF THE SUPERIOR COURT. 45. IT IS POLICY OF THE HUNTERDON COUNTY SOIL CONSERVATION DISTRICT TO	DUST CONTROL METHODS:	MCNJ-5012-		05/01/17	10. TREE LIMB REMOV DESTROY A MAJOI	AL WHERE NECESSARY, WILL I R DEFENSE SYSTEM OF THE TRI NCH COLLAR MAY LEAD TO E
PERIODICALLY EVALUATE ALL PROJECTS TO DETERMINE IF THE COSTS FOR REVIEW AND INSPECTION EXCEED THE PAID FEES. PRIOR TO THE FEES BEING EXCEEDED AN ADDITIONAL FEE WILL BE ASSESSED. THIS FEE WILL BE BASED ON THE INCOMPLETE	1. APPLY MULCHES OR VE CONTROL STANDARDS.	GETATIVE COVE	ER AS PER NJ SOIL ERC	DSION AND SEDIMENT		ONE (CRZ) OR PROTECTED RO
PORTION(S) OF THE PROJECT, REGARDLESS IF PRESENTLY UNDER CONSTRUCTION OR NOT, AS PER THE CURRENT HUNTERDON COUNTY SOIL CONSERVATION DISTRICT FEE SCHEDULE AT THE TIME OF EVALUATION.	2. TILL AND ROUGHEN SU TEMPORARY EMERGEN BLOWING STARTS. BEG PLOWS SPACED ABOUT	NCY MEASURE GIN PLOWING O 12 INCHES AP	WHICH SHOULD BE N WINDWARD SIDE O ART AND SPRING-TOO	used before soil F site. Chisel-type Thed harrows are		THE TREE (DIAMETER OF TREE B TIMES I.5 (FOR OLD/UNHEAL
46. SOIL COMPACTION: AREAS OF TRAVEL WITHIN A PROJECT SITE AND/OR STAGING AND PARKING AREAS MAY HAVE SOILS COMPACTED DURING THE COURSE OF PROJECT CONSTRUCTION. ALL SOIL COMPACTION IS TO BE CORRECTED PRIOR TO ANY PERMANENT STABILIZATION AND COMPLETION OF PROJECT. THE TOPSOILING	EXAMPLES OF EQUIPME 3. SPRINKLE THE SITE UNT				NOT TO SCALE	
STANDARD (NJ SE&SC STANDARDS PAGE 8-2) STATES THAT WHERE THERE IS COMPACTION, THE SURFACE IS TO BE SCARIFIED 6" TO 12" PRIOR TO APPLYING TOPSOIL FOR PERMANENT STABILIZATION. THE SOIL CONSERVATION DISTRICT WILL BE	4. ERECT BARRIERS SUC FENCES, CRATE WALLS CURRENTS AND SOIL BL	, BALES OF HA				
INSPECTING FOR THIS TO BE EMPLOYED PRIOR TO ANY PERMANENT STABILIZATION AND PRIOR TO ISSUE OF ANY REPORT OF COMPLIANCE. WHERE TOPSOIL IS NOT BEING STRIPPED DURING CONSTRUCTION, PRE AND POST COMPACTION TEST MAY BE USED TO VERIFY THAT CONSTRUCTION TRAFFIC HAS NOT CAUSED A SOIL COMPACTION PROBLEM TO THE SITE.	5. APPLY CALCIUM CHLOR FINE ENOUGH TO FEED WILL KEEP SURFACE MO SUITABLE ON STEEPI ACCUMULATE AROUND	RIDE IN THE FOI THROUGH COM DIST BUT NOT C ER SLOPES 1	MONLY USED SPREAD CAUSE POLLUTION OR	ERS AT A RATE THAT PLANT DAMAGE. NOT		
	6. COVER SURFACE WITH (
	7. USE SPRAY-ON ADHESI KEEP TRAFFIC OFF THES		(
	MATERIAL	WATER DILUTION	TYPE OF NOZZLE	APPLY GALLONS/ACRE		
			COARSE SPRAY	1200		
	RESIN IN WATER	4:1	FINE SPRAY	235		
	POLYACRYLAMIDE (PAM) - SPRAY ON	APPLY ACCOR	DING TO MANUFACTUR	RER'S INSTRUCTIONS.		
HEAVY DUTY 5 MIL. POLYETHYLENE TARP REQUIRED FOR SOILS	POLYACRYLAMIDE (PAM) - DRY SPREAD ACIDULATED SOY BEAN	TO FLOCCULA SEE SEDIMENT	TE AND PRECIPITATE SU BASIN STANDARD, P. 26	JSPENDED COLLOIDS. - I		
REQUIRED FOR SOILS TESTED AT 4.5 PH OR LOWER.	SOAP STICK	NONE	COARSE SPRAY	1200		
					J	

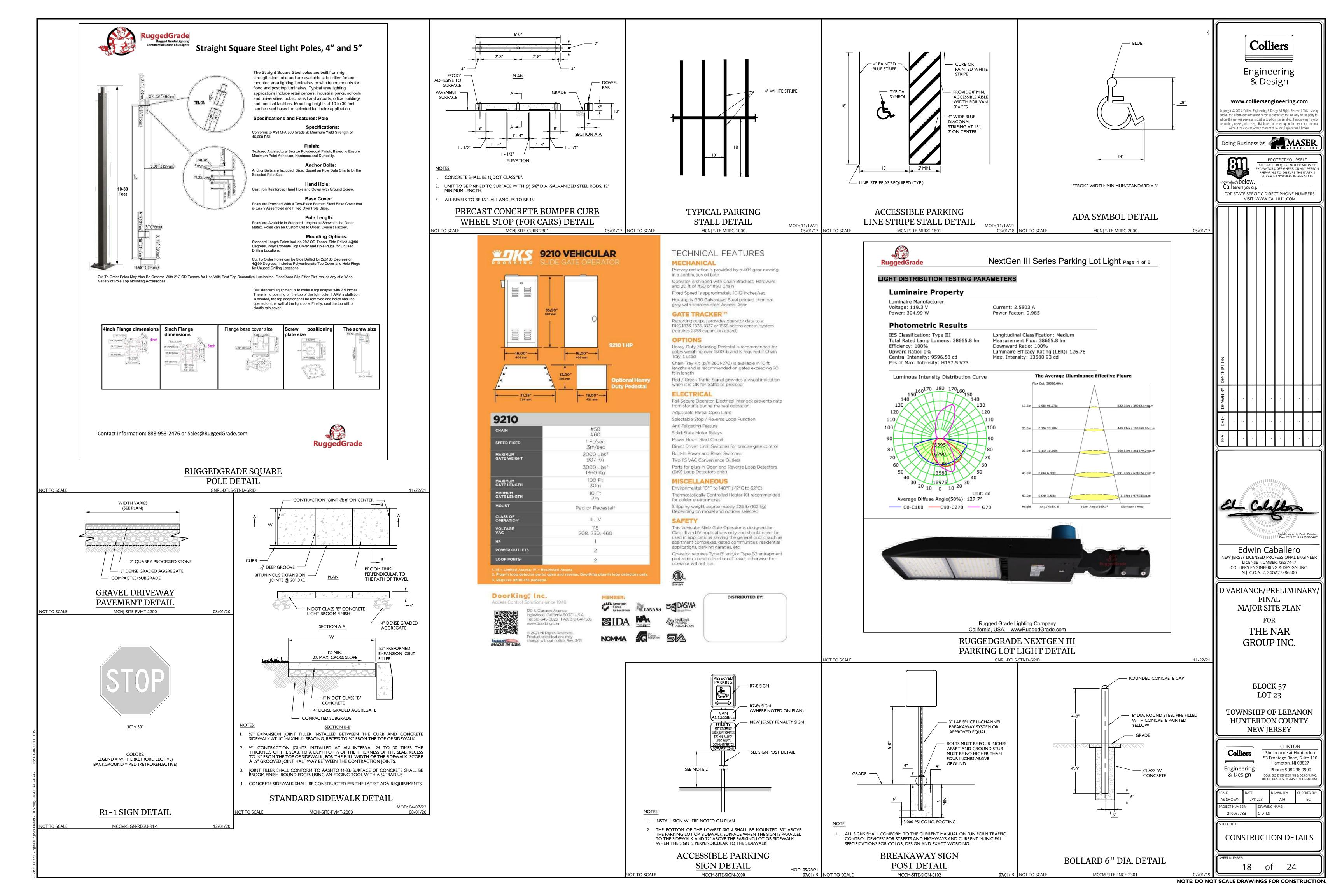
ALL STOCKPILES SHALL NOT TO BE LOCATED WITHIN 50 FEET OF A FLOODPLAIN, SLOPE, ROADWAY OR DRAINAGE FACILITY.

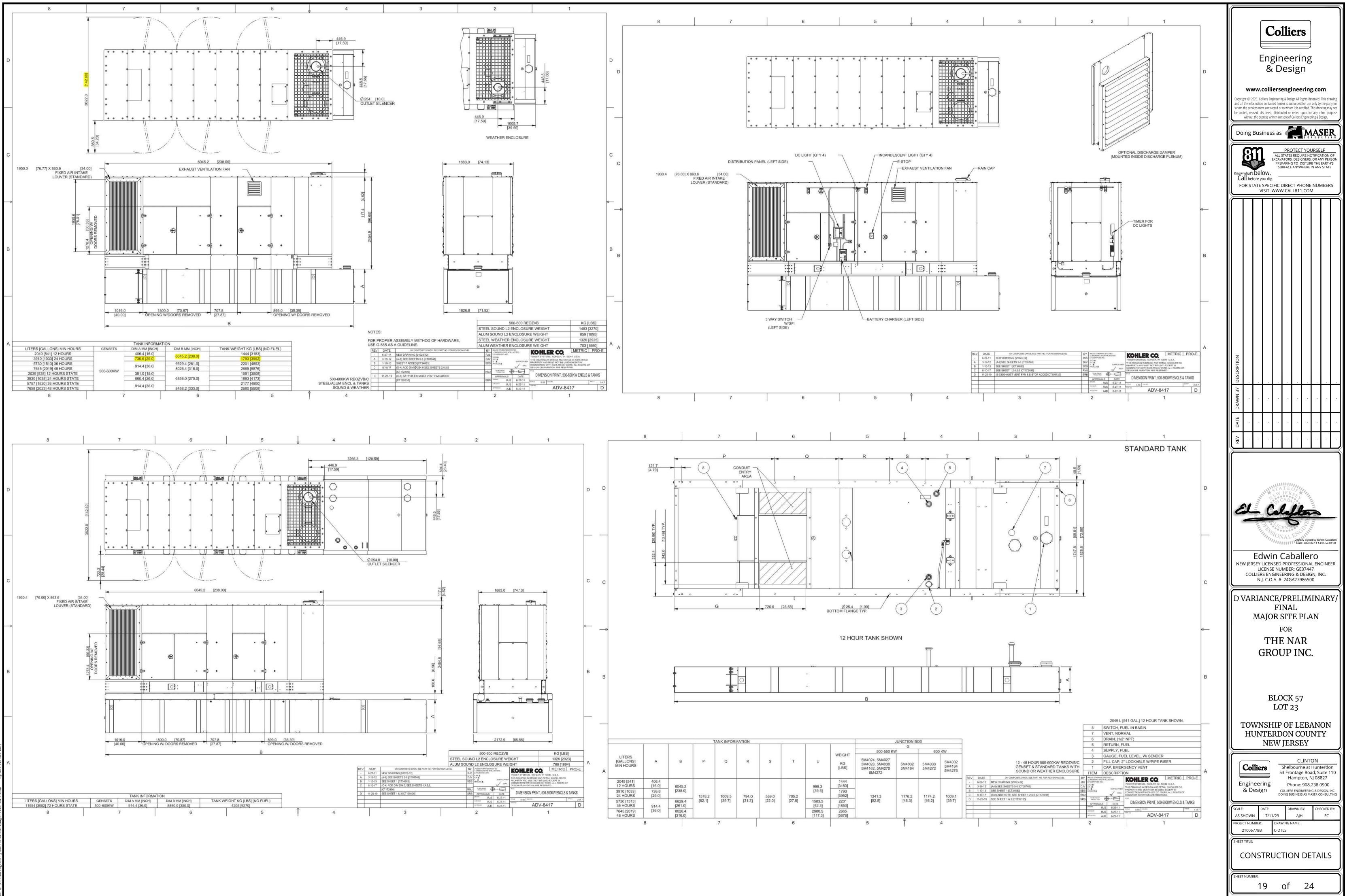
SILT FENCE

TOPSOIL STOCKPILE DETAIL

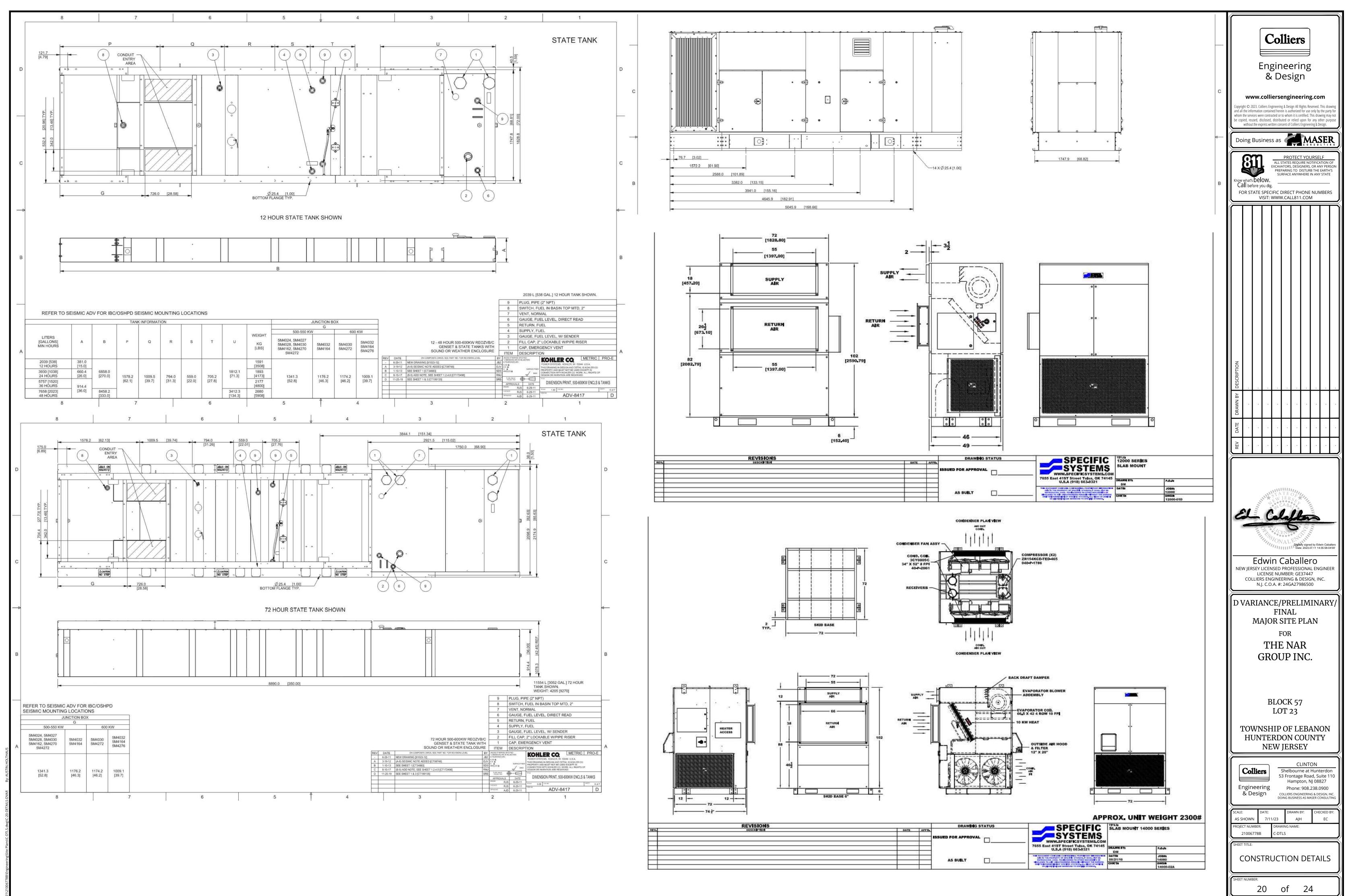
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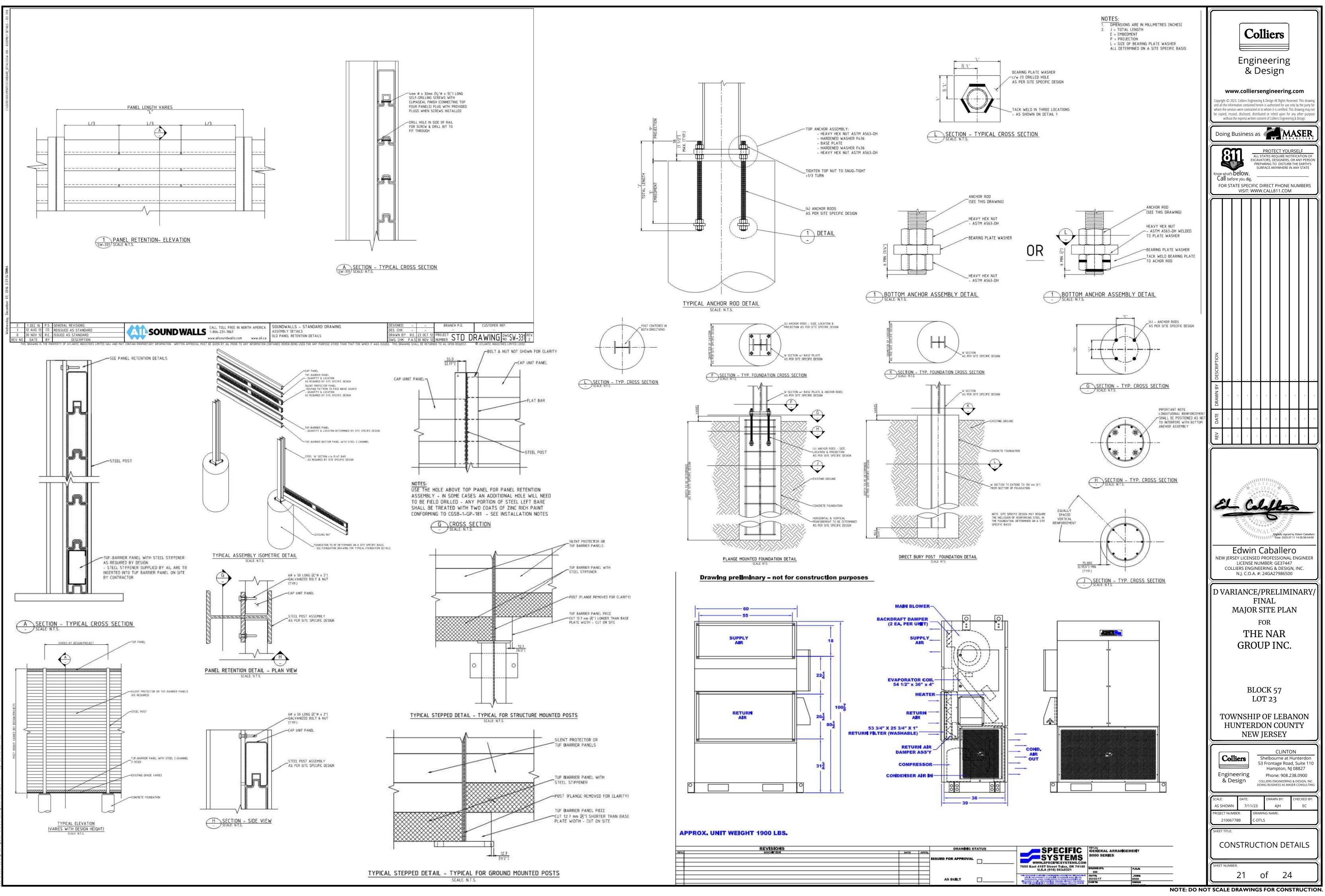


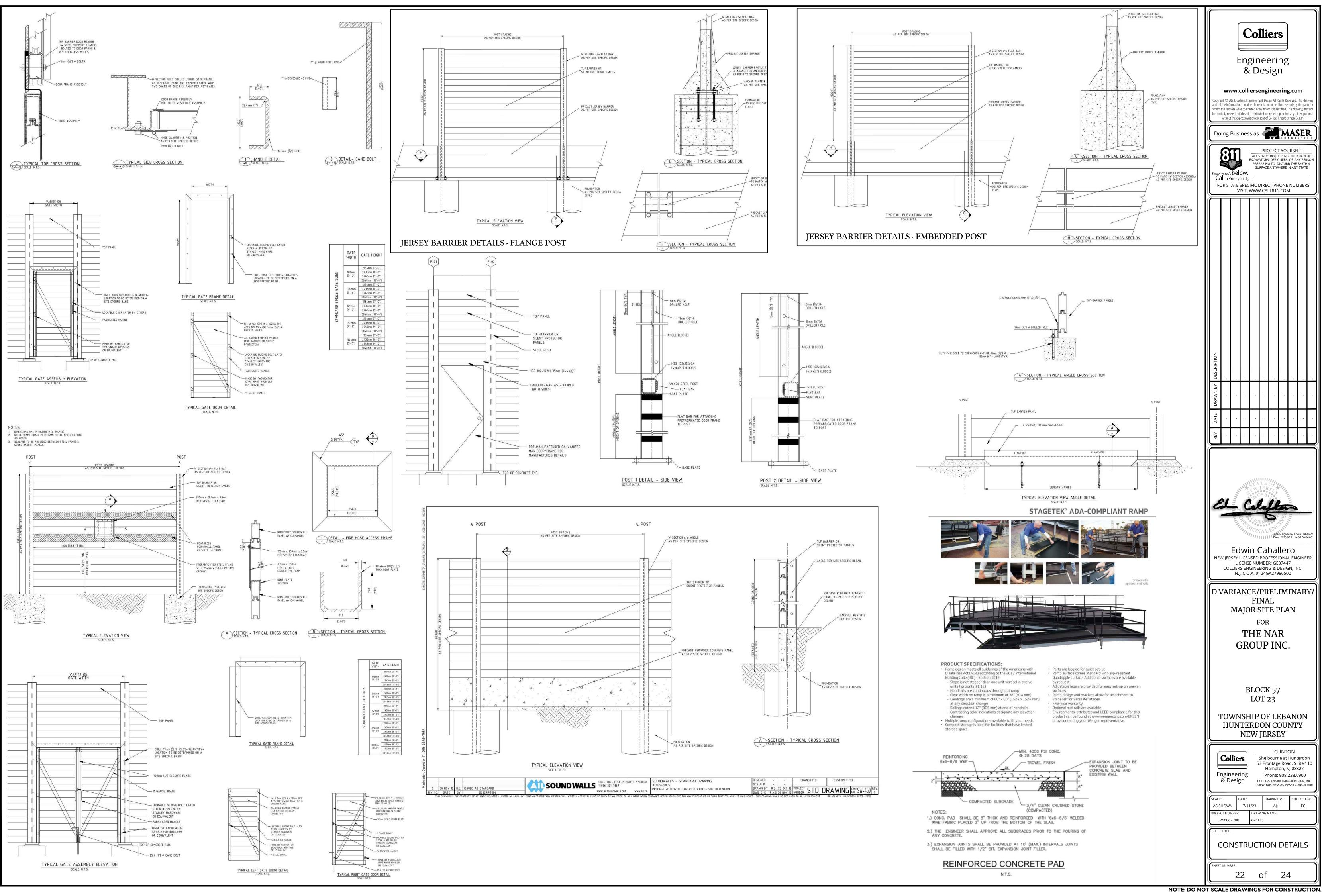


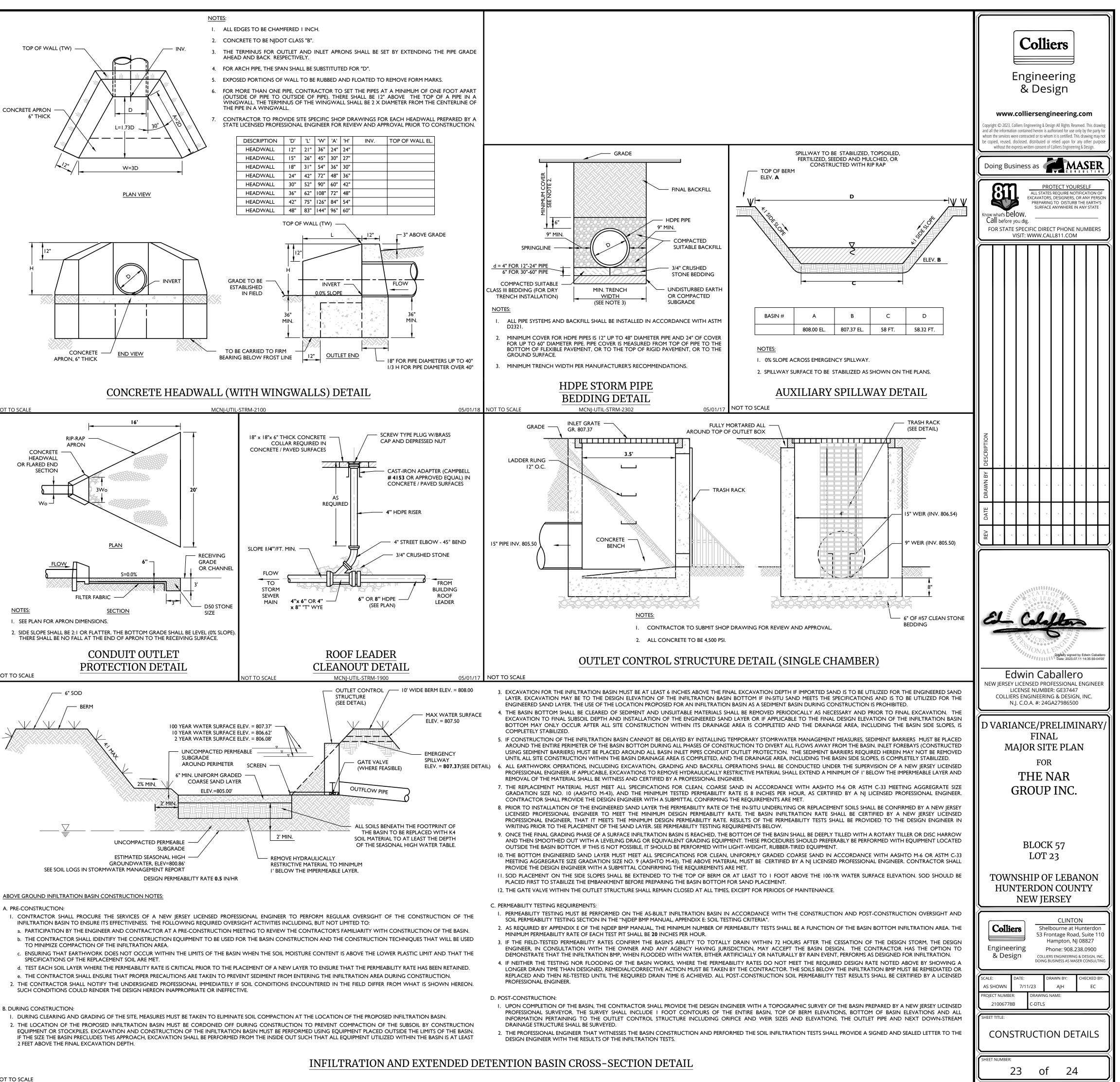


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B. DURING CONSTRUCTION:

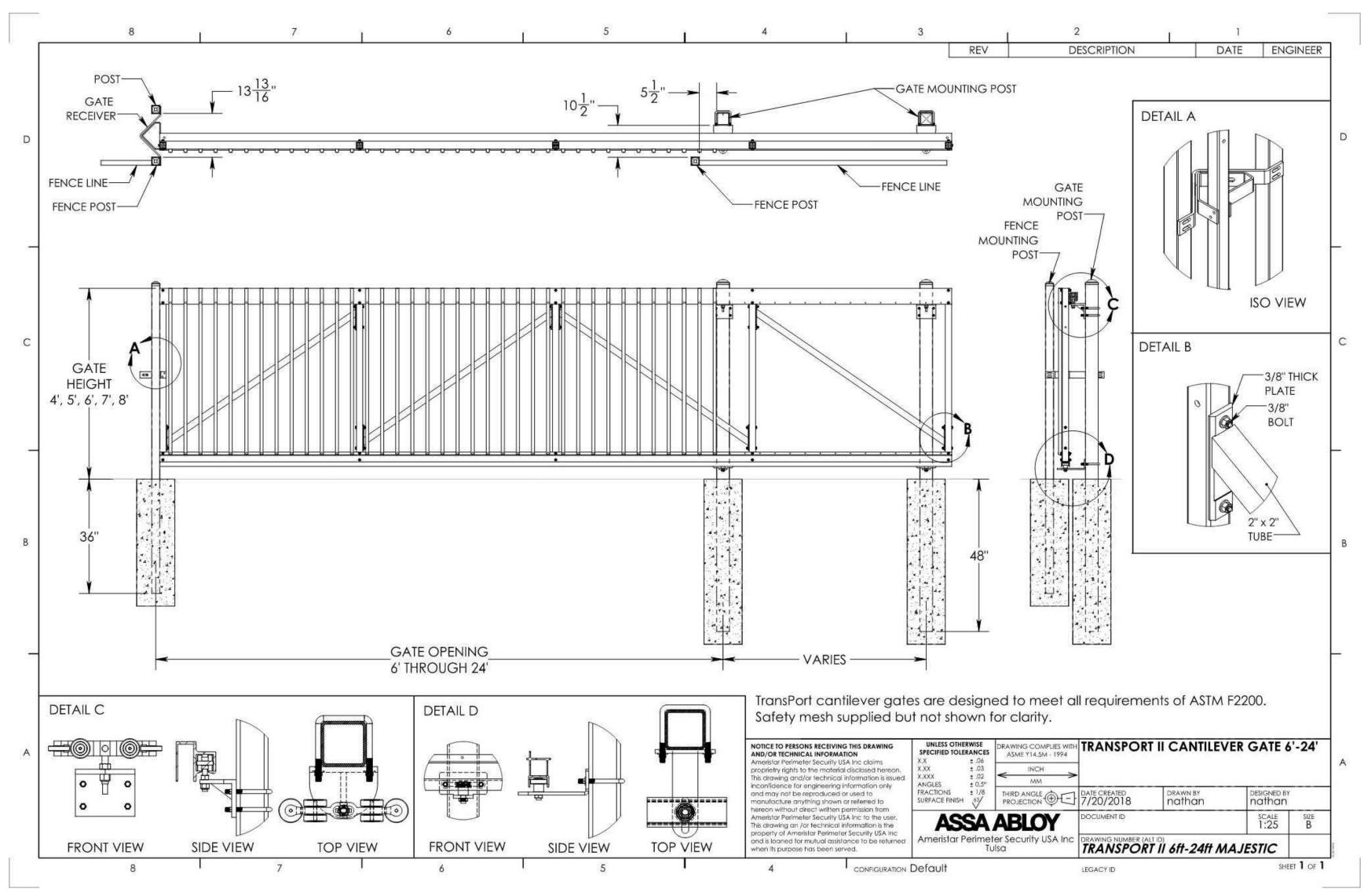
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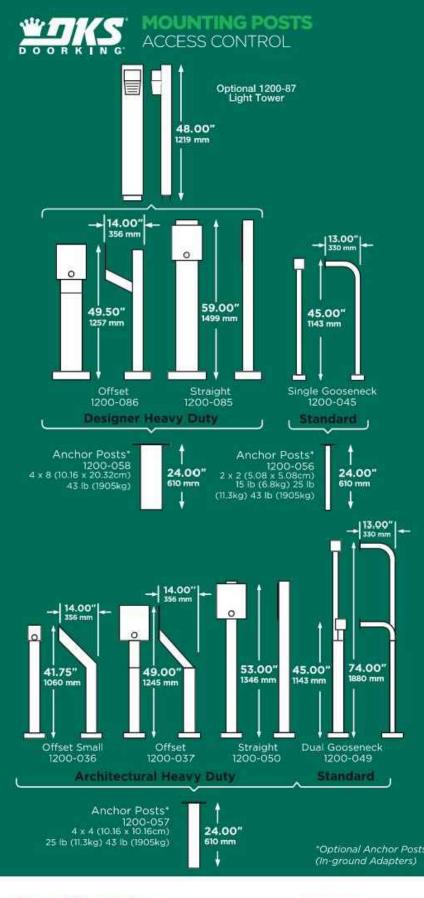
NOT TO SCALE

2. THE LOCATION OF THE PROPOSED INFILTRATION BASIN MUST BE CORDONED OFF DURING CONSTRUCTION TO PREVENT COMPACTION OF THE SUBSOIL BY CONSTRUCTION EQUIPMENT OR STOCKPILES. EXCAVATION AND CONSTRUCTION OF THE INFILTRATION BASIN MUST BE PERFORMED USING EQUIPMENT PLACED OUTSIDE THE LIMITS OF THE BASIN. IF THE SIZE THE BASIN PRECLUDES THIS APPROACH, EXCAVATION SHALL BE PERFORMED FROM THE INSIDE OUT SUCH THAT ALL EQUIPMENT UTILIZED WITHIN THE BASIN IS AT LEAST 2 FEET ABOVE THE FINAL EXCAVATION DEPTH.



NOTE:

CONTRACTOR TO INSTALL GATE PER SPECIFICATION OR APPROVED EQUAL.



DoorKing, Inc. Access Control Solutions since 1948 120 S. Glasgow Avenue, Inglewood, California 90301 U.S.A MADE IN USA

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PHONE # MEMORY ENTRY CODES DEVICE CODES DOOR CONTROL DIRECTORY ELEVATOR CONTRO PROGRAMMING TRANSACTION BUFF * Expands up to 48 with w tracker boards; 24 with

wireless tracker boards

12 22 2 2 2

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IEMBER: AFA American Fence Association ⊛ID NOMMA



TELEPHONE ENTRY SYSTEM 4.75" 120.6 mm 13.25" 336.5 mm

1835 80 SERIES

3000 Phone Numbers, 2	255 Area Codes
000 <i>(4-digit)</i>	
3000	
3 Entry Points*	
Single-Line 20-Characte Display <i>(1/2 inch charac</i>	
Yes	
DKS Cloud or a PC with Manager Software**	Remote Account
3000 Events	

TECHNICAL FEATURES OPTIONS In-ground adapters All adapters are 24 inches (61cm) tall sized to match their respective posts All adapters include 1/2-13 x 2 inch (5.08cm) long mount bolts Adapter plates Use with Standard and Offset Small mounting posts to mount 1802, 1802-EPD, and 1819 telephone entry systems to these posts DESIGNER STYLE Constructed from 4 x 8 (10.16 x 20.3cm) steel 11 inch x 13 inch (27.9 x 33cm) mounting plate for full size DKS telephone entry system Locked accessory compartment holds 4 transformers, 3 surge suppressers and an RF radio receiver 10 inch x 14 inch (25.4 x 35.56cm) base plate Available in offset or straight styles Offset style is 49.5 inches (125.7cm) tall with 14 inch (35.56cm) offset from back of post - 55 Lbs (24.9kg) Straight style is 59 inches (150cm) tall - 65 Lbs (29.5kg) Optional light tower and light assembly - 45 Lbs (20.4kg) Tower adds 48 inches (121.9cm) to top (does not include light assembly) Light assembly includes 120 volt flourscent light Light sensor automatically turns light on at dusk, off at dawn RF coax antenna mounting hole ARCHITECTURAL STYLE Constructed from 4 x 4 (10.16 x 10.16cm) steel 11 inch x 13 inch (27.9 x 33cm) mounting plate for full size DKS telephone entry systems Small mounting face for card readers, keypads, and smaller access control devices (adapter plate available to mount 1802, 1802EPD, and 1819 DKS telephone entry systems) 8 inch x 8 inch (20.32 x 20.32cm) base plate Available in offset or straight styles Offset style is 49 inches (124.5cm) tall with 14 inch (35.56cm) offset from back of post - 40 Lbs (18.1kg) Straight style is 59 inches (150cm) tall 48 Lbs (21.8kg) Offset Small is 41.75 inches (106.05cm) tall

GOOSENECK STYLE STANDARD

Constructed from 2 x 2 (5.08 x 5.08cm) steel

Offsets are 13 inches (33cm) from back of post

(12.7 x 12.7cm) base plate - 25 Lbs (11.3kg)

x 20.32cm) base plate - 50 Lbs (22.7kg)

Available in single or dual mounting height styles

Single style is 45 inches (114.3cm) tall with 5 inch x 5 inch

Dual style is 74 inches (188cm) tall with 8 inch x 8 inch (20.32

DISTRIBUTED BY:

steel up to 36 inches (91.4cm)

keypads, card readers, etc.

Dual style uses 2 inch x 4 inch (5.08 x 10.16cm)

4 inch x 4 inch (10.16 x 10.16cm) mounting plate for

TECHNICAL FEATURES MECHANICAL

Stainless steel faceplate

Galvanized steel sub-plate Metal keypad, with Internally lit LED keypad and A-Z-CALL buttons Offset speaker holes for protection Hands free voice operation (Optional handset)

Surface and Flush mounting styles Flush mount requires flush mounting kit

Enclosures are rated NEMA 4x **CONNECTION OPTIONS¹** Cellular powered by AT&T 4G LTE Internet select DK VoIP or your own VoIP provider POTS Plain Old Telephone Service² 1. Connection options noted will incur additional cost for regulred hardware and/or service subscriptions. DKS Cloud programming included at no charge with DKS connection subscriptions. POTS connection is not recommended for programming as modem communications can no longer be guaranteed. SPECIFICATIONS Single-Line 20 character Super-Twist LCD Display (1/2 inch characters) 16 VAC (2 Power Transformers included) Full Duplex Voice Communication Stores up to 3000 Phone Numbers, 255 Area Codes Max 8000 Wiegand Device (card codes), 10 Facility Codes Transaction Buffer stores last 8000 Events Control 3 Entry Points, expandable to 48 with Tracker Expansion Boards Programmable Directory Codes (1 to 4 digits) 10 & 11-Digit Dialing Capability 31 Security (permission) Levels, 29 programmable with 4 Time Zones each 32 Holiday Schedules 4-Digit Entry Codes Built-In Clock / Calendar 8 Hold Open Time Zones Entry Code Time Zones True Anti-Pass Back Live Transactions feature (requires TCP/IP internet connection or RS-232 connection) MISCELLANEOUS Environmental: 10°F to 145°F (-12°C to 62°C) Heater Kit (P/N 2600-584) recommended when temperatures routinely fall below 10°F (-12°C) ADA Compliant Handset Kit (P/N 1807-012) Camera Ready: Optional B&W or Color CCTV Camera* *may require additional CCTV equipment Shipping weight approximately 20-25 lb (9-11 kg) **()**... FCC (US) DUF6VT-12874-01-T

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