PRELIMINARY & FINAL SITE PLAN

BLOCK 4201.01, LOT 33.03 **GROVERS MILL ROAD** TOWNSHIP OF LAWRENCE COUNTY OF MERCER, NEW JERSEY

PROPERTY OWNERS WITHIN 200

TOWNS	HIP OF	LAWRENCE (Per Construction Official data	ted 8-3-2023)
BLOCK	<u>LOT</u>	PROPERTY OWNER	PROPERTY LOCATION
4201	10.03	TOWN COURT OWNER TIC LLC 5850 W 3RD ST #109 LOS ANGELES, CA 90036	5850 W 3RD ST #109
	30.04, 33.02	DEPT OF TRANSPORTATION 1035 PARKWAY AVE TRENTON, NJ 08625	1035 PARKWAY AVE
	33.01	DEPT OF ENVIRONMENTAL PROTECTION JOHN FITCH PLAZA TRENTON, NJ 08625	JOHN FITCH PLAZA
	33.01 (T01)	SPRINT SPECTRUM PROP TAX DEPT PO BX 8430 (PLO3XC109) KANSAS CITY, MO 64114.8430	PO BX 8430 (PL03XC109)
	33.01 (T03)	VERIZON WIRELESS C/O DUFF & PHELPS PO BOX 2549 ADDISON, TX 75001	PO BOX 2549
4201.01	3.01	QUAKER BRIDGE MALL, LLC 225 WEST WASHINGTON ST INDIANAPOLIS, IN 46204	225 WEST WASHINGTON S
	32.02	FAMPEC, LLC 100 RENAISSANCE BLVD LAWRENCEVILLE, NJ 08648	100 RENAISSANCE BLVD
	32.03	AUTO CAMPUS REALTY LLC 100 RENAISSANCE BLVD LAWRENCEVILLE, NJ 08648	100 RENAISSANCE BLVD
	36	TF LWRCVL NJ/DEPT 36134,BC-151A 3333 BEVERLY ROAD	3333 BEVERLY ROAD

HOFFMAN ESTATES, IL 60179

MUNICIPALITIES & UTILITIES

CORPORATE SECRETARY CORPORATE SECRETARY EWING-LAWRENCE SEWERAGE AUTHORITY 600 WHITEHEAD ROAD 80 PARK PLAZA, 4B LAWRENCEVILLE, NJ 08648 NEWARK NJ 07101

N.J. AMERICAN WATER 1025 LAUREL OAK ROAD VOORHEES NJ 08043

CORPORATE SECRETARY TRENTON WATER WORKS P.O. BOX 528 TRENTON NJ 08604 AQUA WATER COMPANY 2875 ERIAL ROAD

ATTN: JAMES BARBATO 105 CARNEGIE CENTER PRINCETON NJ 08540

MFRCER COUNTY PLANNING BOARD P.O. BOX 8068 TRENTON NJ 08650-8068

SUN PIPE LINE COMPANY ATTN: R-O-W DEPARTMENT 1801 MARKET STREET 26TH FLOOR PHILADELPHIA PA 19103-1699

SUNOCO PIPE LINE, L.P. RIGHT-OF-WAY DEPARTMENT MONTELLO COMPLEX 525 FRITZTOWN ROAD SINKING SPRING PA 19608

PUBLIC SERVICE ELECTRIC & GAS COMPANY

ELIZABETHTOWN GAS COMPANY ONE ELIZABETHTOWN PLAZA THIRD FLOOR EAST UNION NJ 07083-1975 CORPORATE SECRETARY

540 BROAD STREET NEWARK NJ 07101 GENERAL MANAGER **COMCAST CABLEVISION**

940 PROSPECT STREET TRENTON NJ 08618 CORPORATE SECRETARY 1 AT&T WAY

BEDMINSTER NJ 07921 CORPORATE SECRETARY 300 MADISON AVENUE MORRISTOWN NJ 07962

CORPORATE SECRETARY TRANSCONTINENTAL GAS PIPE LINE CORPORATION 2800 POST OAK BOULEVARD HOUSTON TX 77056

COMMISSIONER N.J. DEPARTMENT OF TRANSPORTATION 1035 PARKWAY AVENUE, CN 600 TRENTON NJ 08625

B: 4201.01 L: 32.01		B: 4201.01 L: 36			
.01 L: 32.04	B: 4201.01 L: 32.03				
	HC HC	HC w/ AT-3	BLOC LC BASIN	K NO. OT NO. (TYP.)	B: 420
	: 4201.01 L: 32.02 HC w/ AT-3	B: 4201.01 L: 33.03 SITE	B: 4201.01 L. 3.01		X
1 L: 30.03	B: 4201	L: 33.01 MX-2	ZONE (TYP.)	ZONE LINE (TYP.) B: 4201	
: 30.01	B: 4201 L: 30.04		B: 4201 L: 33.02	TOWN CT.	5
200' RADIUS MAP			Bakers Basin	SCALE: 1"	= 200'

	2,		
DWG. #	DRAWING TITLE	DATED/ LAST REVISED	REV. #
C1.1	COVER SHEET	11-17-25	5
C2.1	SITE PLAN	11-17-25	5
C2.2	SOIL EROSION & SEDIMENT CONTROL PLAN	11-17-25	4
C2.3	GRADING & DRAINAGE PLAN	11-17-25	6
C2.4	UTILITY PLAN	11-17-25	5
C2.5a	LIGHTING & LANDSCAPING PLAN	11-17-25	5
C2.5b	LANDSCAPE PLAN - BIORETENTION & INFILTRATION BASINS	11-17-25	0
C2.6	LIGHTING INTENSITIES PLAN	11-17-25	5
C2.7	PARKING PLAN	11-17-25	5
C2.8	GRADING & LANDSCAPE PLAN	11-17-25	4
C2.9	WETLANDS PERMITTING PLAN	11-17-25	5
C2.10	TREE REMOVAL PLAN	11-17-25	2
C3.1	SITE DETAILS	11-17-25	4
C3.2	DRAINAGE DETAILS	11-17-25	4
C3.3	UTILITY DETAILS	4-16-25	2
C3.4	LANDSCAPING & SOIL EROSION DETAILS	11-17-25	3
C3.5	LIGHTING DETAILS	4-16-25	2
C4.1	ROAD PROFILES	11-17-25	3

DRAWING LIST

UNIT MIX 16 3-BR TOWNHOUSE 20 3-BR APARTMENT

46 2-BR APARTMENT 18 1-BR APARTMENT 100 TOTAL

REQUIRED APPROVALS

- 1. LAWRENCE TOWNSHIP PLANNING BOARD 2. MERCER COUNTY PLANNING BOARD
- 3. MERCER COUNTY SOIL CONSERVATION 4. NJDEP TREATMENT WORKS 5. NJDEP BUFFER AVERAGING

REQUIRED VARIANCES

- MIN. GROSS TRACT AREA MIN. BUILDABLE AREA
- MIN. BUILDING SETBACK MAX. UNITS PER APARTMENT BUILDING MIN. BUILDING TO COMMON PARKING

DESIGN EXCEPTIONS

492G4 - MAX. FENCE/WALL HEIGHT (4' REQUIRED - 13' PROPOSED) 525H1d - MIN. BUFFER RESIDENTIAL TO RETAIL (25' REQUIRED - 0' PROPOSED)

SOLID WASTE MANAGEMENT

1. TOWNHOMES TO STORE TRASH AND RECYCLING WITHIN UNITS TO BE PLACED ON CURB SIDE FOR PICKUP. 2. APARTMENT BUILDINGS HAVE TRASH SHOOTS AND COMPACTORS. TRASH TO BE STORED IN TRASH ROOM FOR PRIVATE COLLECTION. RECYCLING TO BE STORED IN TRASH ROOM AND PLACED AT CURB FOR PICKUP.

ZONING NOTES

1. OWNER/APPLICANT: TRICONE 2525 US-130 SUITE B4

5. BULK REQUIREMENTS: (§ 409, ORD. 2283-17)

GROVERS MILL ROAD & MALL ACCESS ROAD BLOCK 4201.01, LOT 33.03

TOWNSHIP OF LAWRENCE, NJ

AT-3 APARTMENT & TOWNHOUSE RESIDENTIAL

4. USE: PROPOSED: TOWNHOUSE/APARTMENT (PERMITTED) 100 UNITS PROPOSED

REQUIRED PROPOSED MIN. GROSS TRACT AREA (AC) MIN. BUILDABLE AREA (AC) 4.80(V) LOT WIDTH (FT) LOT DEPTH (FT) 375 MAX. UNITS PER ACRE MIN. OPEN SPACE(%) MIN. FRONTAGE (FT) MIN. BUILDING SETBACK(FT) 25(V) MAX. UNITS PER TOWNHOUSE BUILDING MAX. UNITS PER APARTMENT BUILDING 31/39(V) MAX. UNITS PER MIXED BUILDING N/A MIN. DISTANCE BETWEEN BUILDINGS* FRONT/BACK(FT) 25.7(V) BUILDING TO COMMON PARKING(FT) MAX. BUILDING HEIGHT(STY/FT) 223.1 MAX. BUILDING LENGTH(FT) MIN. PRIVATE REAR YARD PER GROUND FLOOR UNIT(SF)** 200 COMPLY MIN. PRIVATE BALCONY PER ABOVE GROUND UNIT(SF)** COMPLY MIN. TOWNHOUSE WIDTH(FT) MIN. APARTMENT SIZE(SF) MIN. STORAGE AREA PER UNIT TOWNHOUSE(SF) APARTMENT(SF)*** MIN. ACCESSORY STRUCTURE SETBACK(FT) 116.5 MAX. UNIT TYPE IN MIXED DEVELOPMENT(%) N/A MIN. AFFORDABLE HOUSING UNITS(TOTAL/%) N/A/20 6. OFFSTREET PARKING (N.J.A.C.5: 21-TABLE 4.4) REQUIRED PROPOSED

PROPOSED APARTMENT BUILDING A: 1 BEDROOM - 1.8 SP/UNIT $(11 - 1 BEDROOM \times 1.8) = 19.8 SPACES$ 2 BEDROOM - 2.0 SP/UNIT $(19 - 2 BEDROOM \times 2.0) = 38.0 SPACES$ 23 INTERIOR 3 BEDROOM - 2.1 SP/UNIT $(1 - 3 BEDROOM \times 2.1) = 2.1 SPACES$ 21 EXTERIOR TOTAL REQUIRED SPACES BUILDING "A" = 60 44

PROPOSED APARTMENT BUILDING F: 1 BEDROOM - 1.8 SP/UNIT $(7 - 1 BEDROOM \times 1.8) = 12.6 SPACES$ 2 BEDROOM - 2.0 SP/UNIT $(27 - 2 BEDROOM \times 2.0) = 54.0 SPACES$ 33 INTERIOR 3 BEDROOM - 2.1 SP/UNIT $(5 - 3 BEDROOM \times 2.1) = 10.5 SPACES$ 44 EXTERIOR TOTAL REQUIRED SPACES BUILDING "F" = 78 77 PROPOSED APARTMENT BUILDING D:

 $(14 - 3 BEDROOM \times 2.1) = 29.4 SPACES$ TOTAL APARTMENT SPACES $(59.9 + 77.1 + 29.4) = \overline{167}$

PROPOSED TOWNHOUSE: BUILDING B & C: 2 GARAGE SPACES + 1 DRIVEWAY SPACE = 3 PER TOWNHOUSE

16 3-BR TOWNHOUSE \times 2.4 = 38.4 TOTAL REQUIRED SPACES (167 + 39) = 206197 TOTAL SPACES MIN. PARKING/DRIVEWAY SETBACK(FT) MIN. PARKING SPACE SIZE(FT) 9x18 9x18 MIN. 90° PARKING AISLE WIDTH (FT) MIN. HANDICAP SPACES (101 TO 150):

REQUIRED ELECTRIC VEHICLE SUPPLY EQUIPMENT SPACES (EVSE):

RESIDENTIAL/APARTMENTS REQUIRED MIN. (EVSE)(15% OF REQUIRED PARKING): 60 + 78 = 138 SPACES $(138 \text{ SP } \times .15) = 20.7$ MIN. ADA EVSE (5% OF EVSE SP): $(20.7 \text{ SP } \times .05) = 1.04$

TOTAL EVSE SPACES = 21 REDUCTION IN REQUIRED PARKING SPACES PER EVSE CREDIT

TOTAL SPACES REQUIRED = EVSE CREDIT (2 TO 1)(MAX. 10% OF TOTAL SPACES REQUIRED) = TOTAL ADJUSTED REQUIRED SPACES =

193 REQUIRED SPACES * THE PLANNING OR ZONING BOARD, AFTER DUE CONSIDERATION OF PLANS, TESTIMONY, OF OTHER EVIDENCE, MAY WAIVE STRICT COMPLIANCE WITH THIS SUBSECTION TO

FURTHER THE ARCHITECTURAL RELATIONSHIP OF BUILDING GROUPS. ** OR AN ACTIVE AND/OR PASSIVE RECREATION AREA EQUAL TO 200SF PER UNIT AVAILABLE TO ALL TENANTS OR OWNERS. *** MAY BE REDUCED TO NO MORE THAN 75 SF IF EACH BUILDING HAS AN INTERNAL

GARBAGE AND RECYCLABLE COLLECTION AREA OR READILY ACCESSIBLE EXTERIOR

GARBAGE AND TRASH COLLECTION POINT. **** (2 TO 1 UP TO 10% OF TOTAL REQUIRED PARKING

TBD - TO BE DETERMINED

3 BEDROOM - 2.1 SP/UNIT

(V) - INDICATES A VARIANCE IS REQUIRED NC - NO CHANGE N/A - NOT APPLICABLE

APPROVED BY THE LAWRENCE TOWNSHIP PLANNING BOARD OF ADJUSTMENT AT A MEETING HELD ON

CHAIRPERSON	DATE
SECRETARY	DATE
ADMINISTRATIVE OFFICER	DATE
ENGINEER	DATE

66 GLEN AVENUE LEN ROCK, NJ 07452 P 201.670.6688 F 201.670.9788

CALISTO J. BERTIN, P.E. PROFESSIONAL ENGINEER MA LIC. NO. 40595 NY LIC. NO. 60022 NH LIC. NO. 9368 RI LIC. NO. 6694

ERIC M. HOUGH, P.E PROFESSIONAL ENGINEER

NJ LIC. NO. 51893

E.M.H. J.R.B. V.L. V.L.

11-17-25 REVISED DRAWING LIST & ZONING NOTES	4-16-25 REVISED ZONING NOTES	7-16-24 REVISED DRAWING LIST	24 REVISED DRAWING LIST	24 REVISED DRAWING LIST	E REVISION
11–17–;	4-16-2	7-16-2	6-13-24	3-19-24	DATE
2	4	3	2	-	NO.

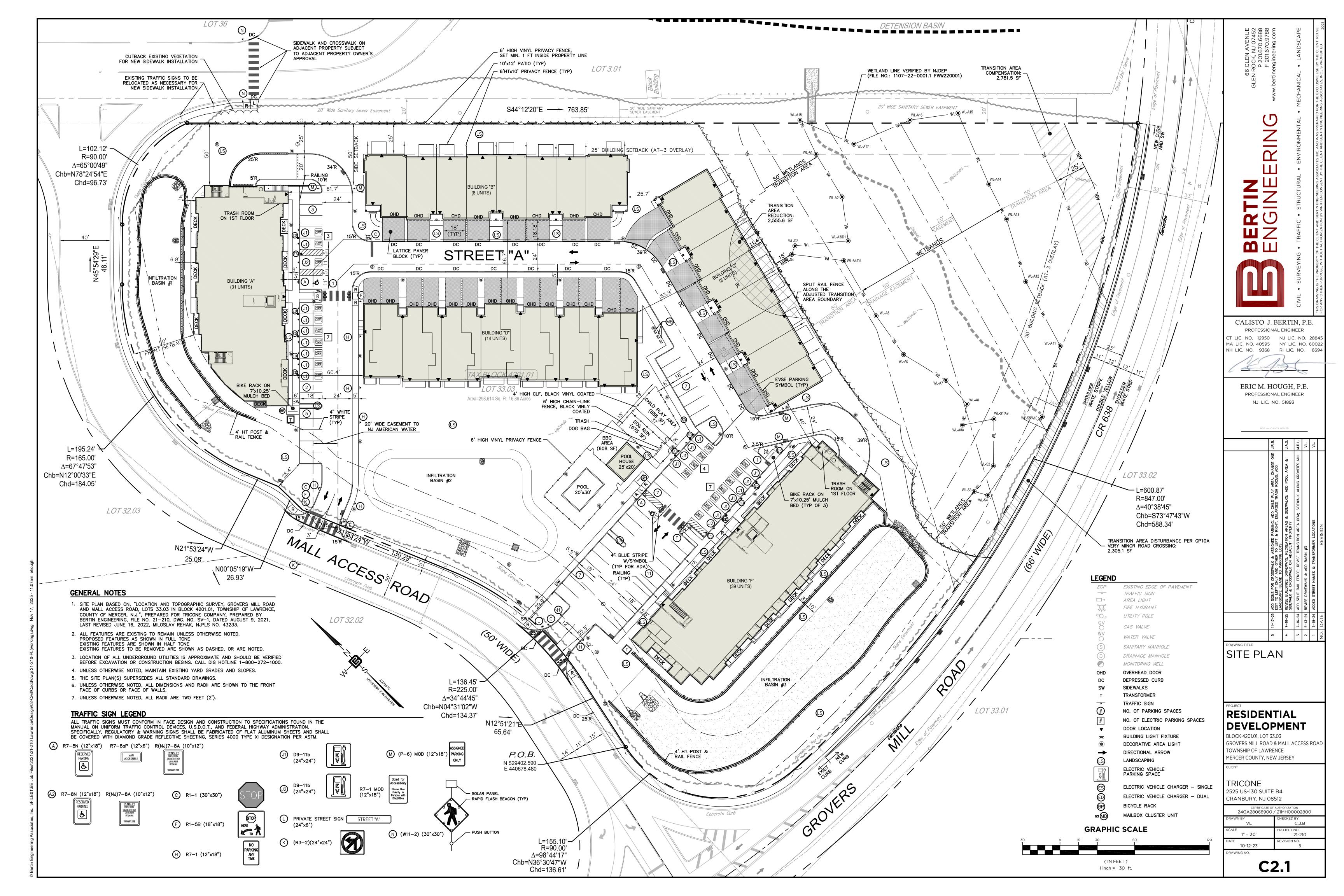
COVER SHEET

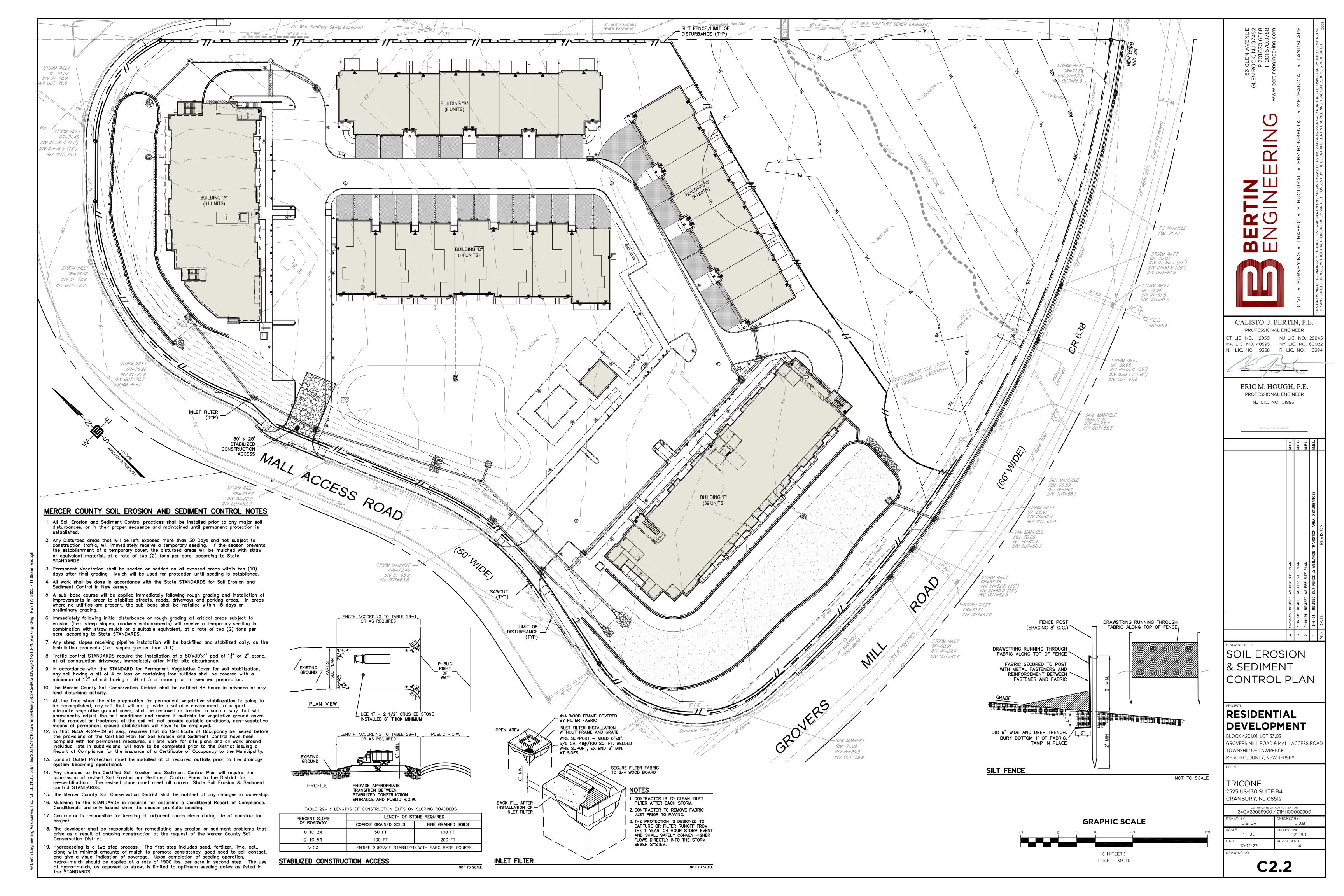
RESIDENTIAL DEVELOPMENT

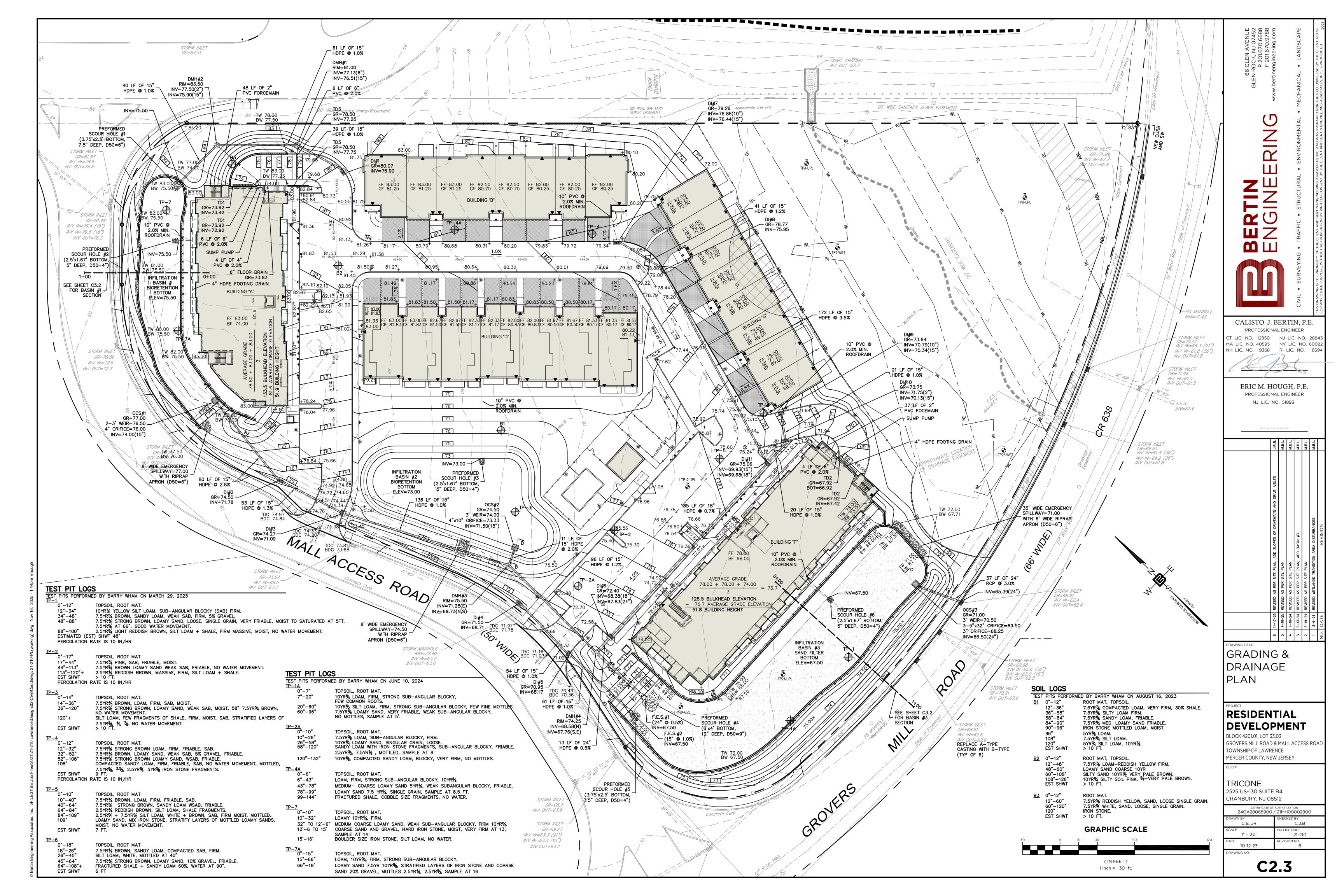
BLOCK 4201.01, LOT 33.03 ROVERS MILL ROAD & MALL ACCESS ROAD OWNSHIP OF LAWRENCE MERCER COUNTY, NEW JERSEY

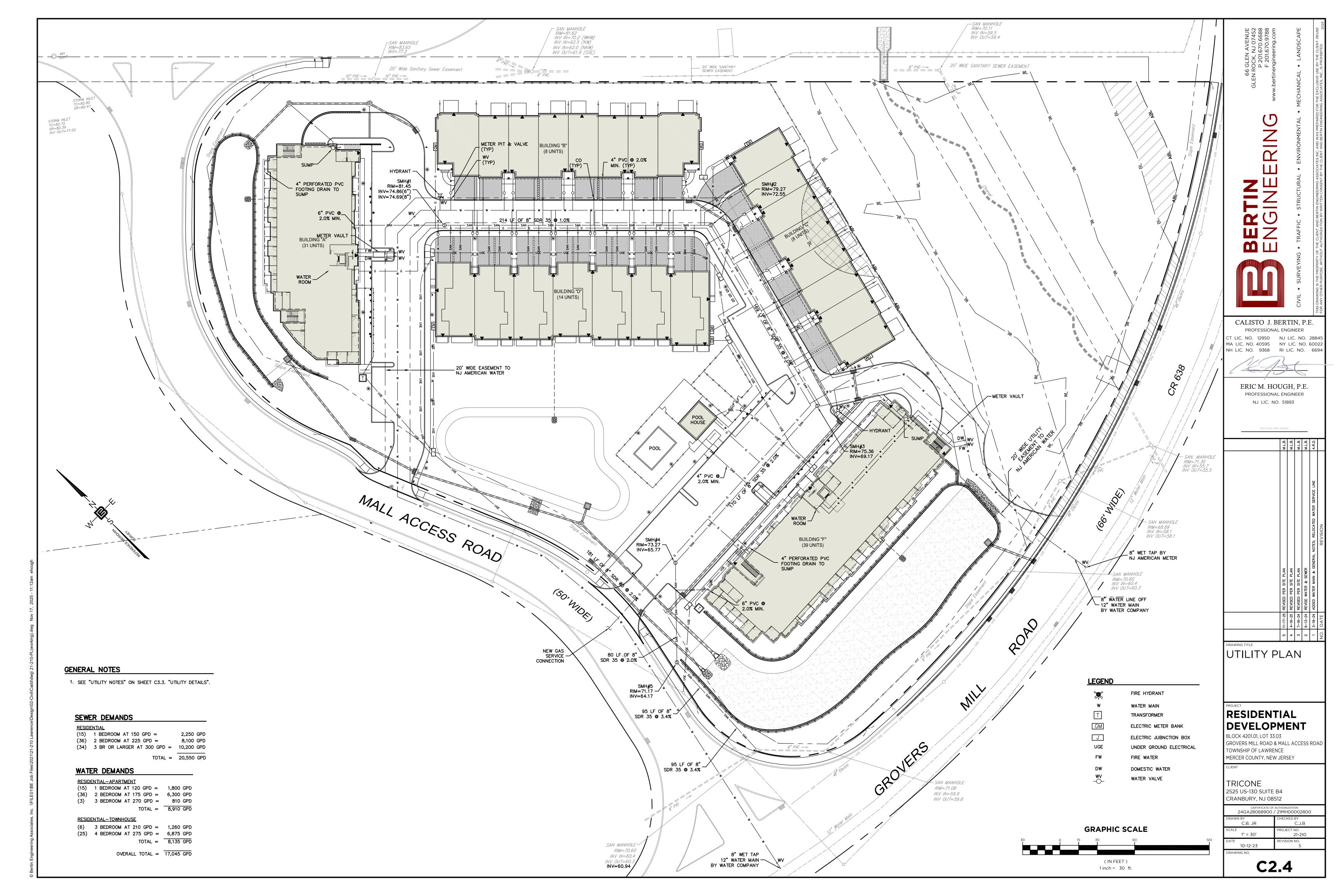
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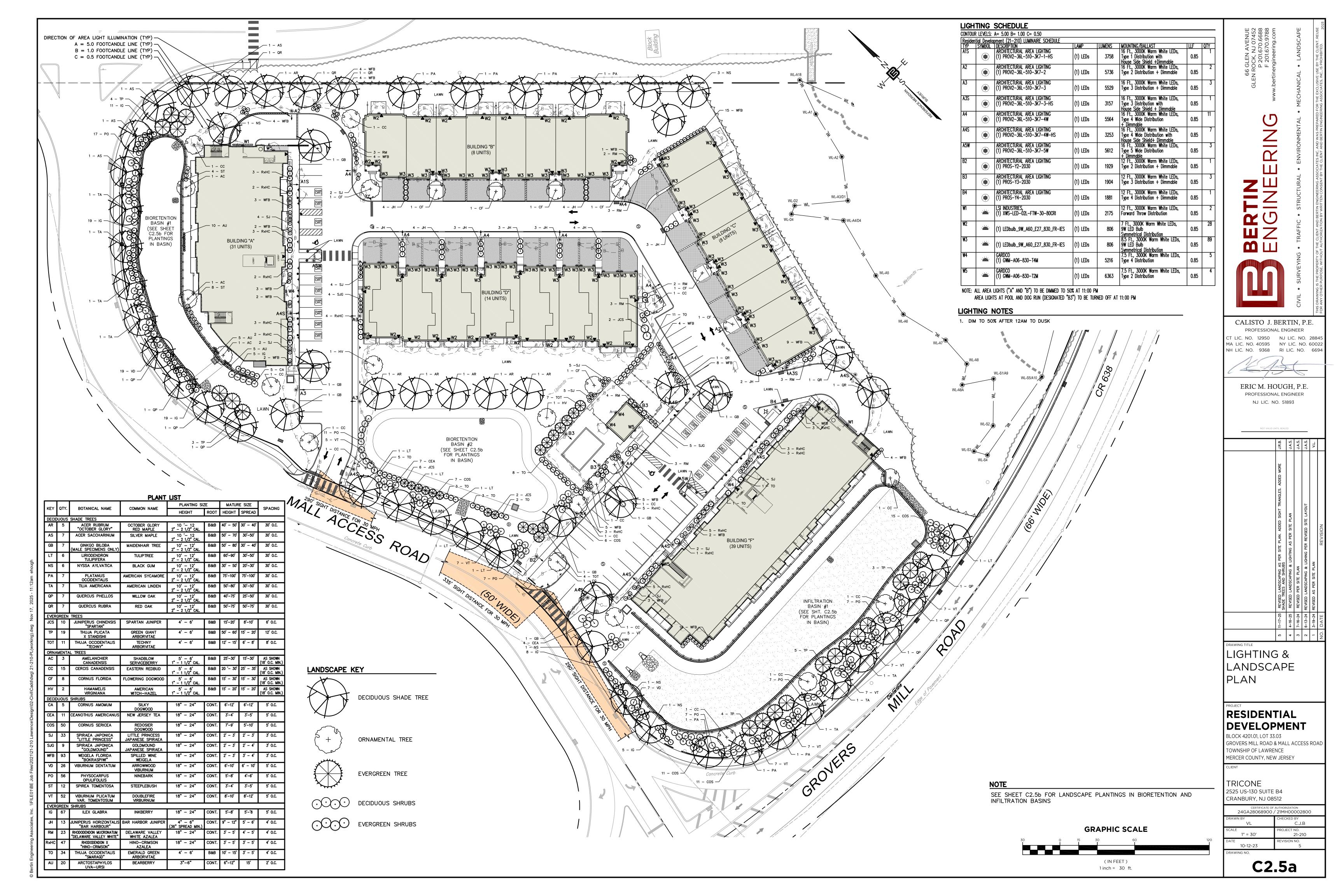
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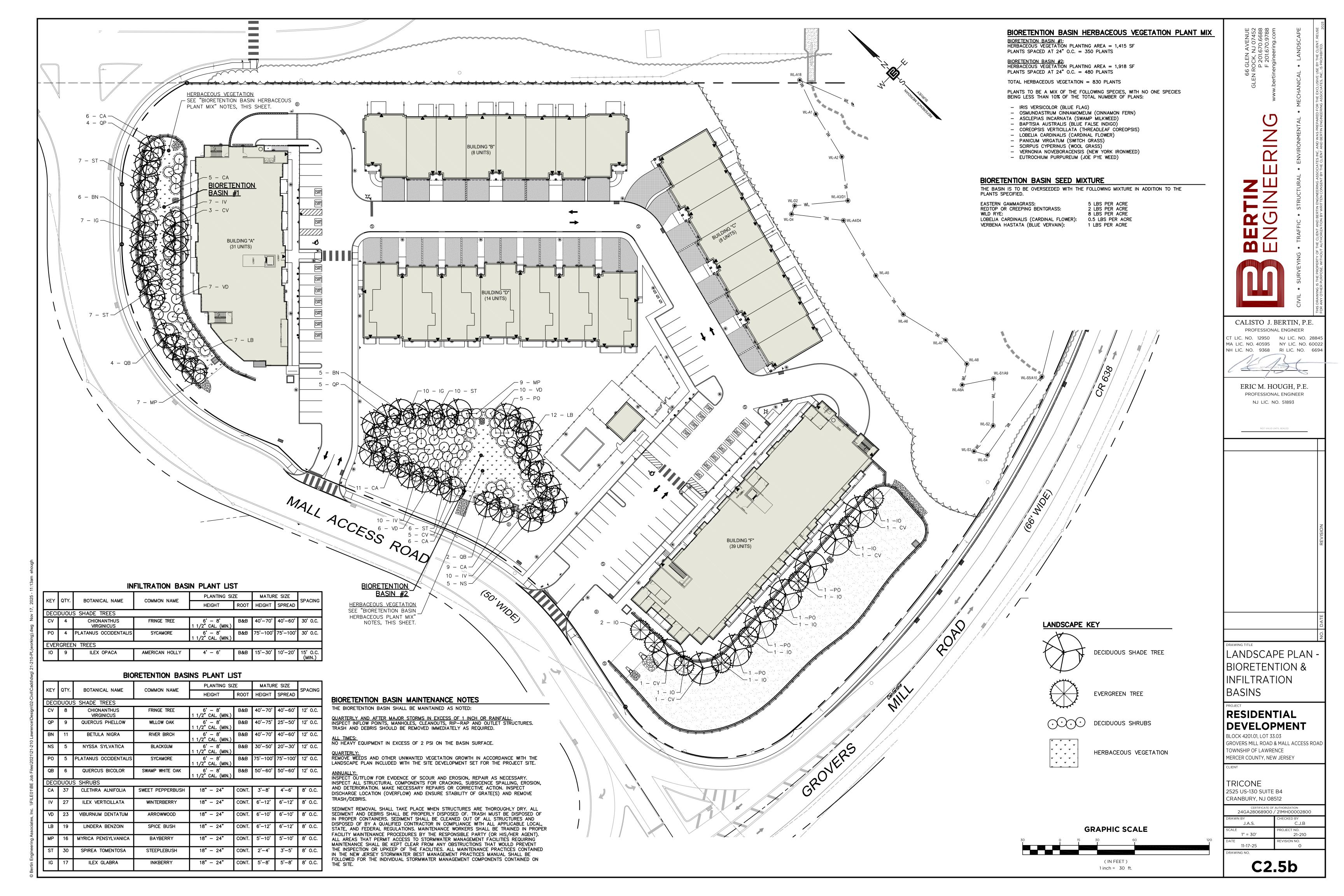


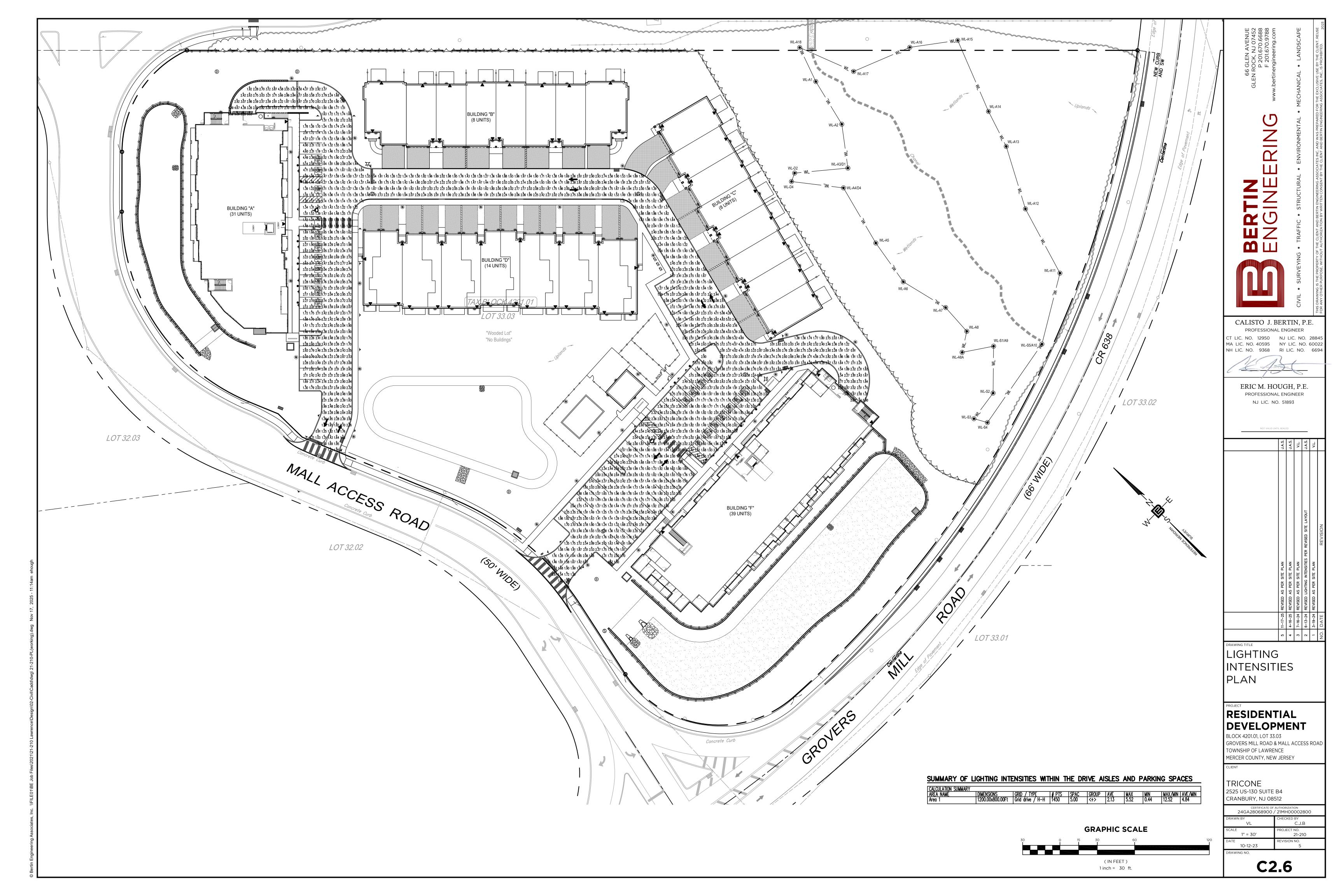


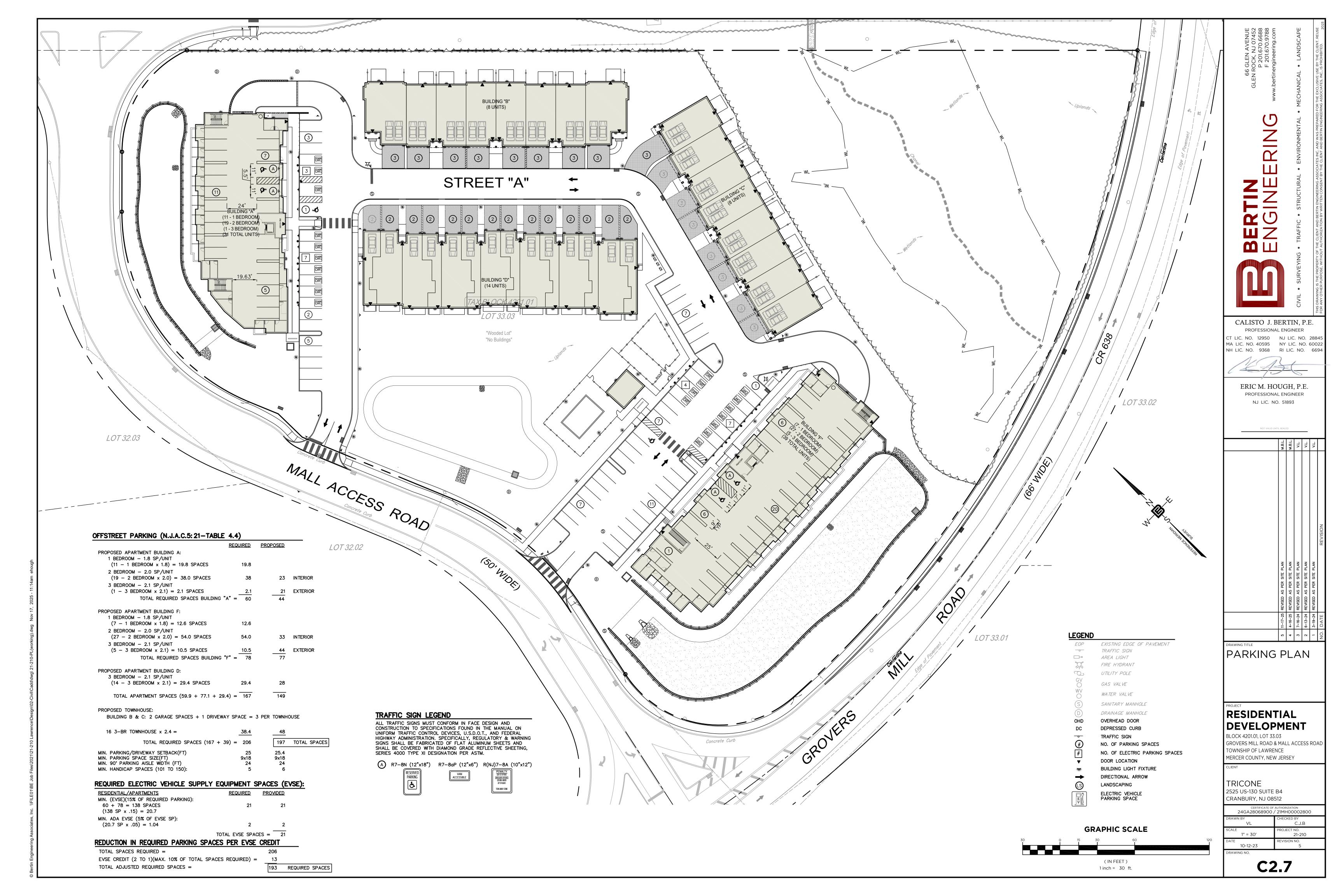


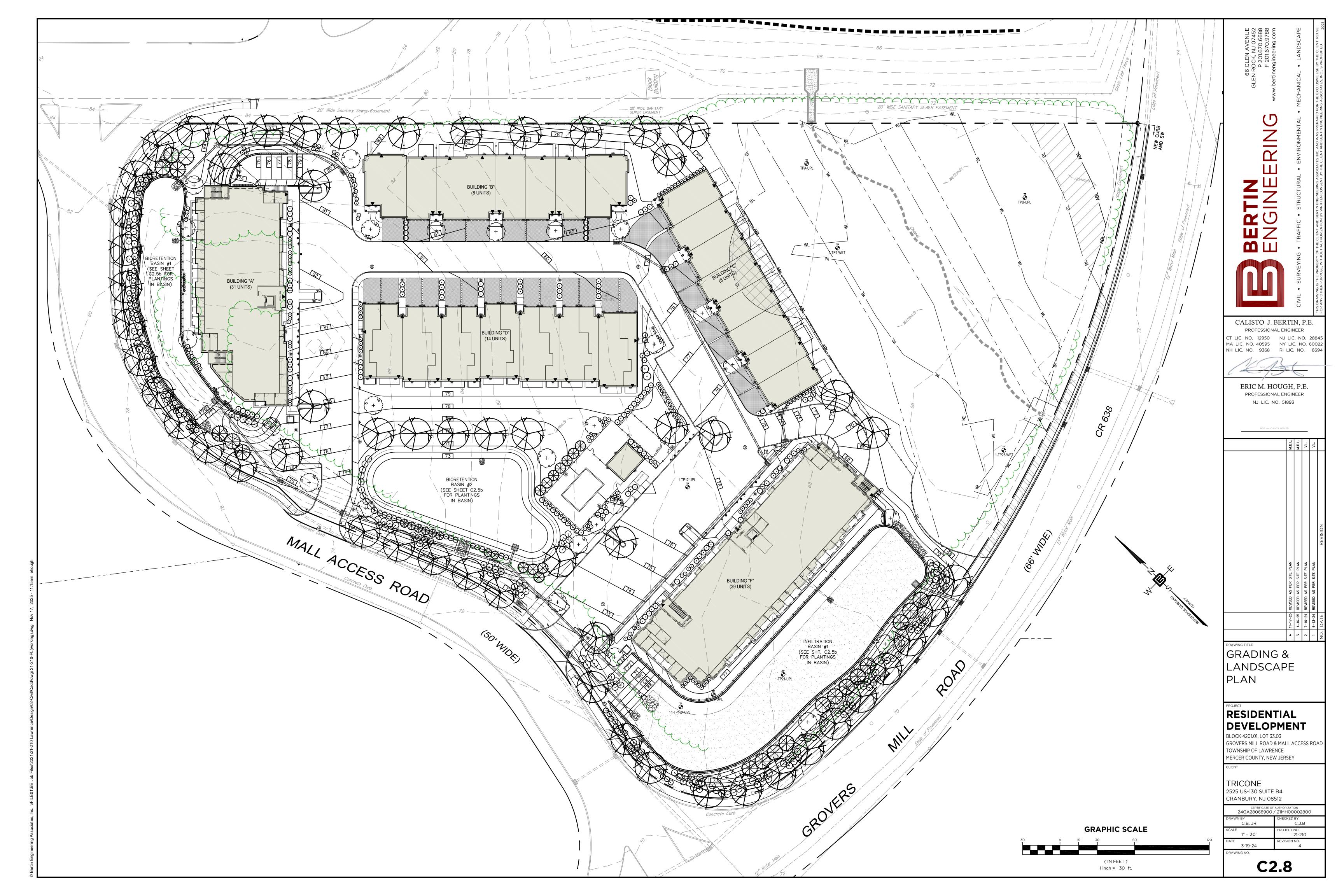


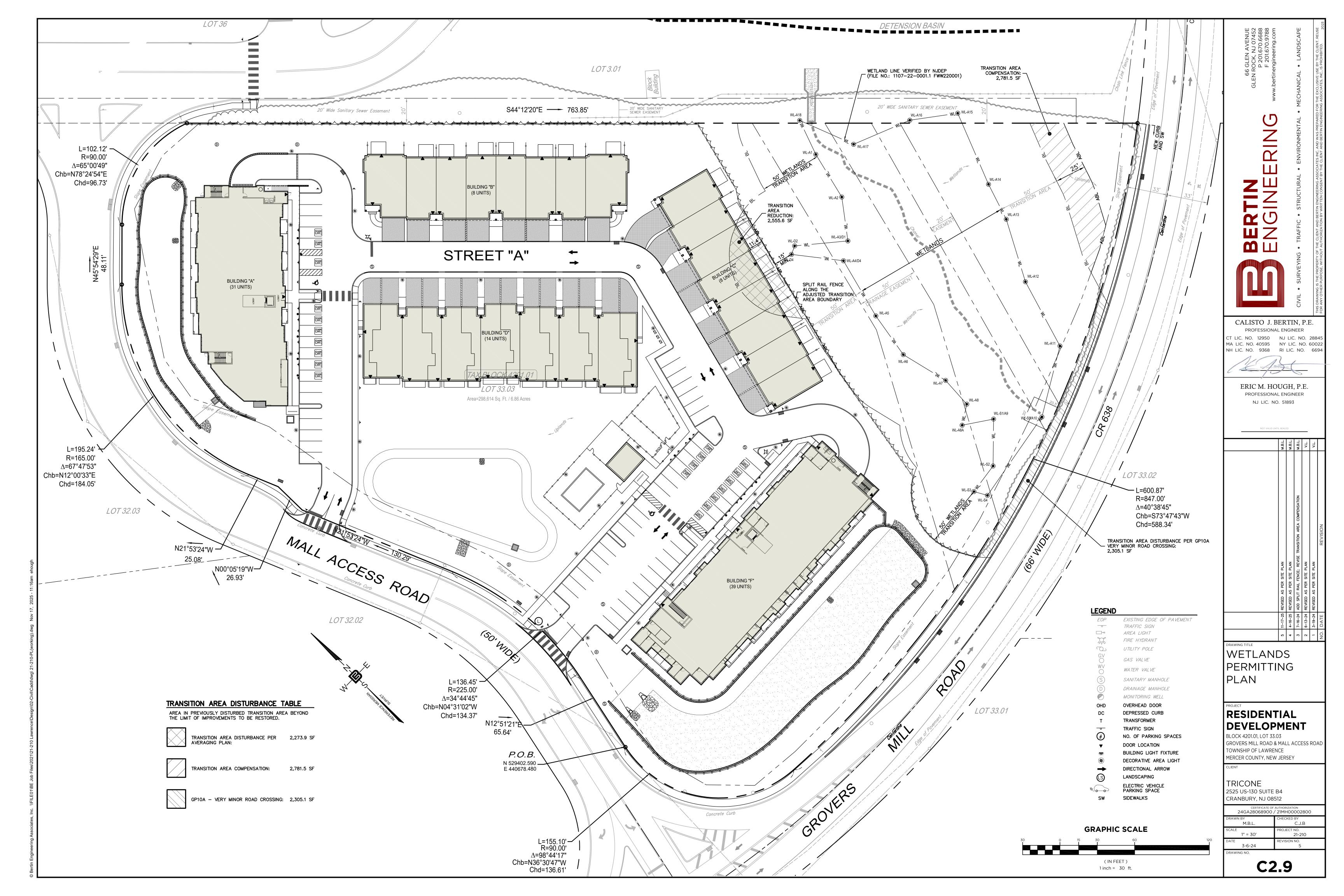


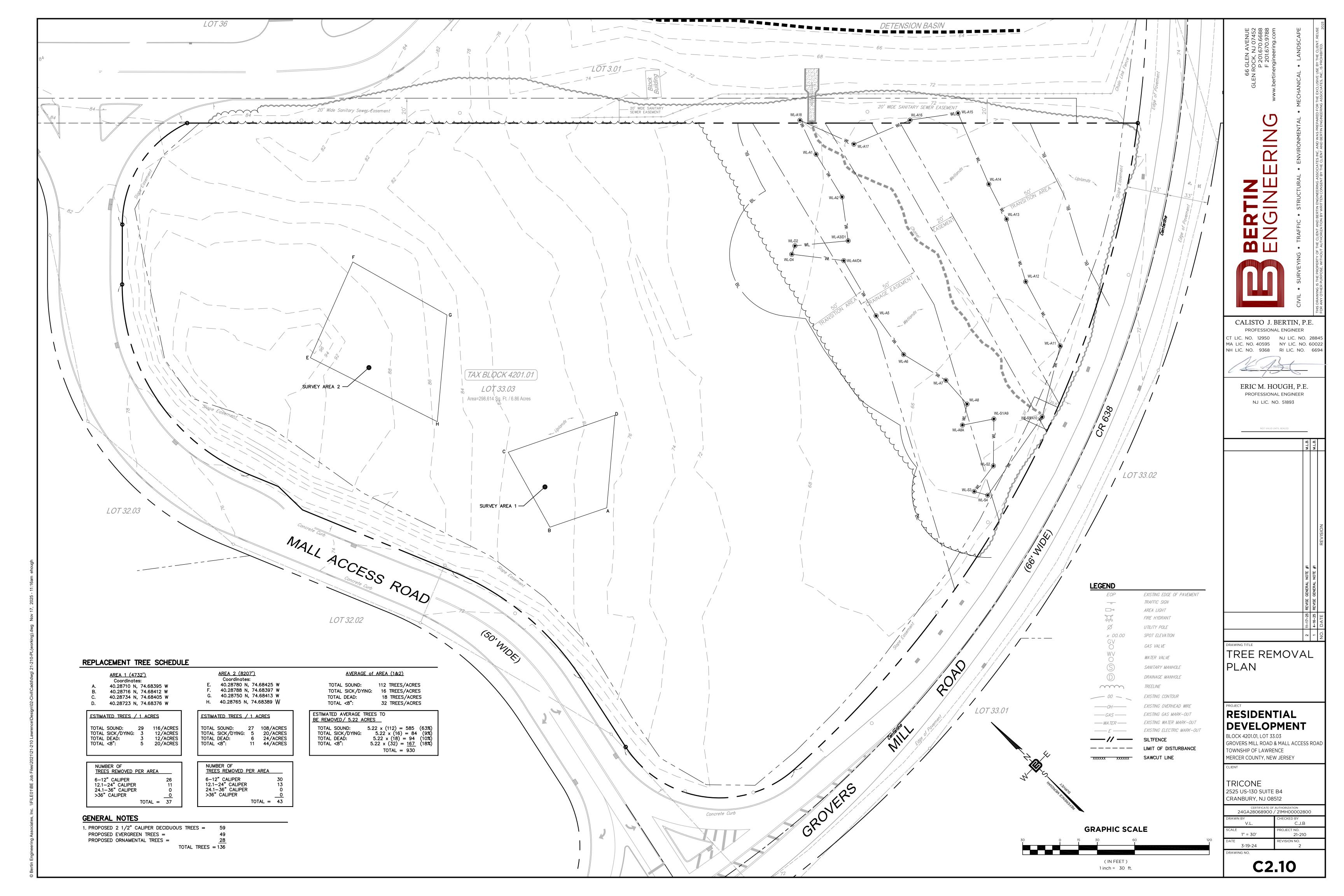


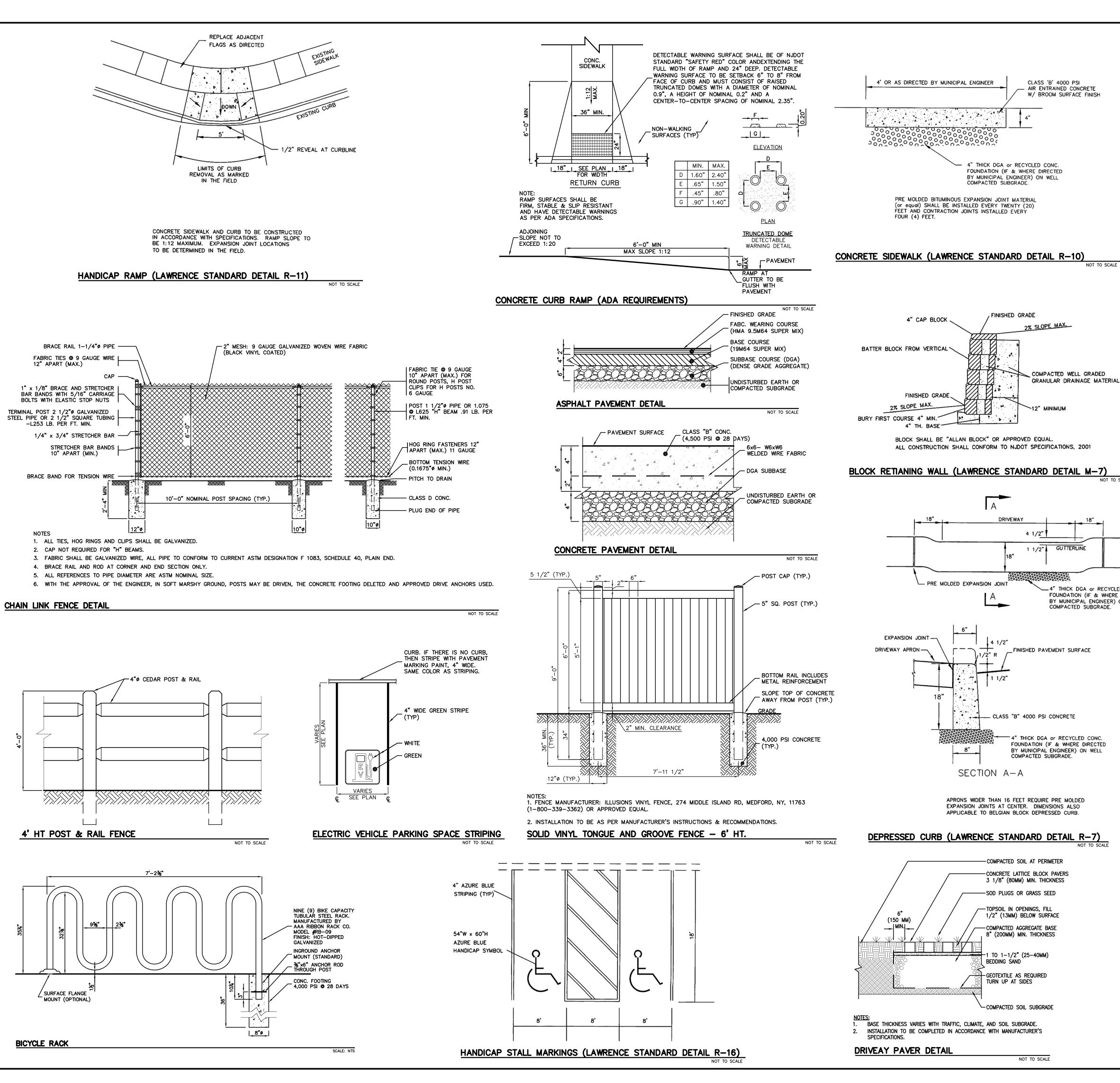


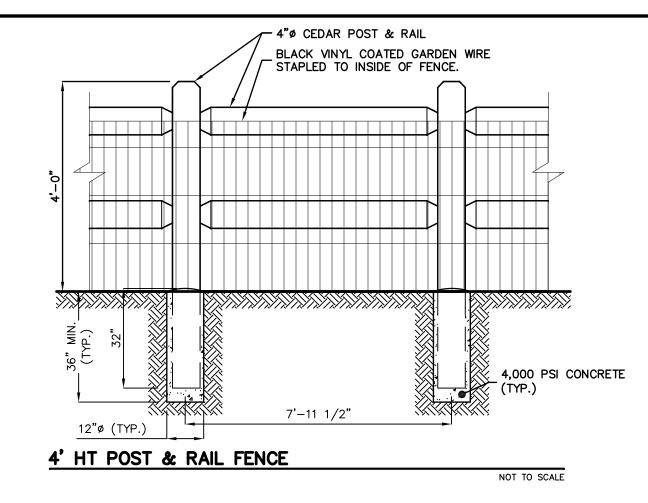


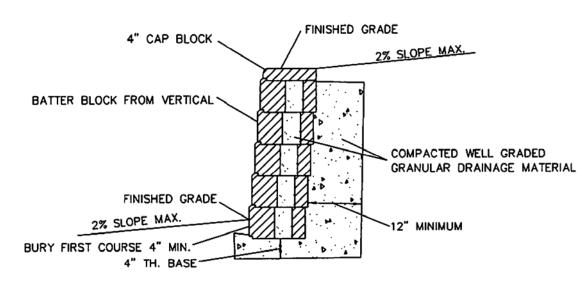


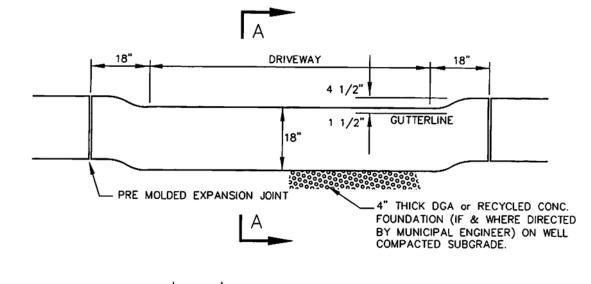


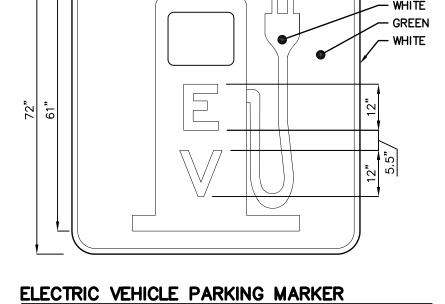












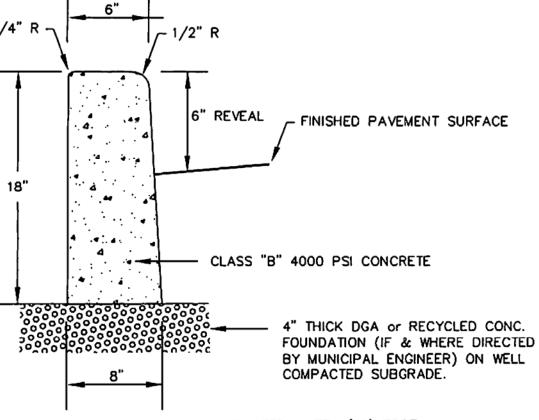
NOT TO SCALE



SIZE: 7 1/4" x 66" H MANUFACTURER: BOSCH AUTOMOTIVE EQUIPMENT JOHN M. ELLSWORTH COMPANY INC. 8700 WEST BRADLEY ROAD MILWAUKEE, WI 53224

ELECTRIC VEHICLE BOLLARD CHARGE STATION - DUAL

(800) 333–3331 OR EQUAL



CURBS SHALL BE CONSTRUCTED IN TEN (10) FOOT SECTIONS. PRE MOLDED BITUMINOUS EXPANSION JOINT MATERIAL (or equal) SHALL BE INSTALLED EVERY TWENTY (20) FEET AND CONTRACTION JOINTS INSTALLED EVERY TEN (10) FEET. JOINTS SHALL BE SEALED AS SPECIFIED BY THE MUNICIPAL ENGINEER.

CONCRETE CURB (LAWRENCE STANDARD DETAIL R-5)

GLEN AVENUE SOCK, NJ 0745; P 201.670.6688 F 201.670.9788

CALISTO J. BERTIN, P.E. PROFESSIONAL ENGINEER T LIC. NO. 12950 NJ LIC. NO. 28845 MA LIC. NO. 40595 NY LIC. NO. 6002 NH LIC. NO. 9368 RI LIC. NO. 669

ERIC M. HOUGH, P.E PROFESSIONAL ENGINEER NJ LIC. NO. 51893

SITE DETAILS

RESIDENTIAL DEVELOPMENT

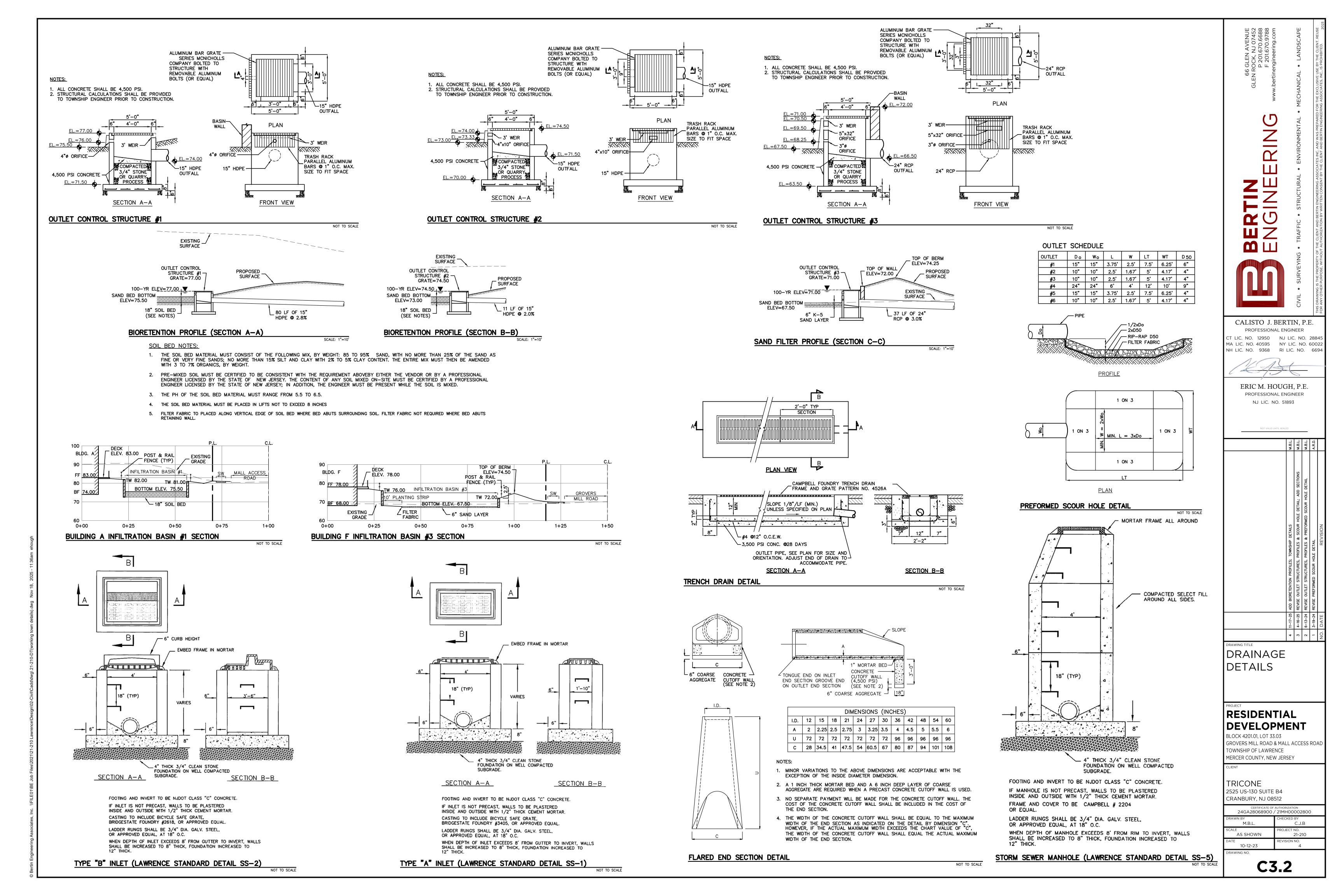
BLOCK 4201.01, LOT 33.03 GROVERS MILL ROAD & MALL ACCESS ROAD TOWNSHIP OF LAWRENCE MERCER COUNTY, NEW JERSEY

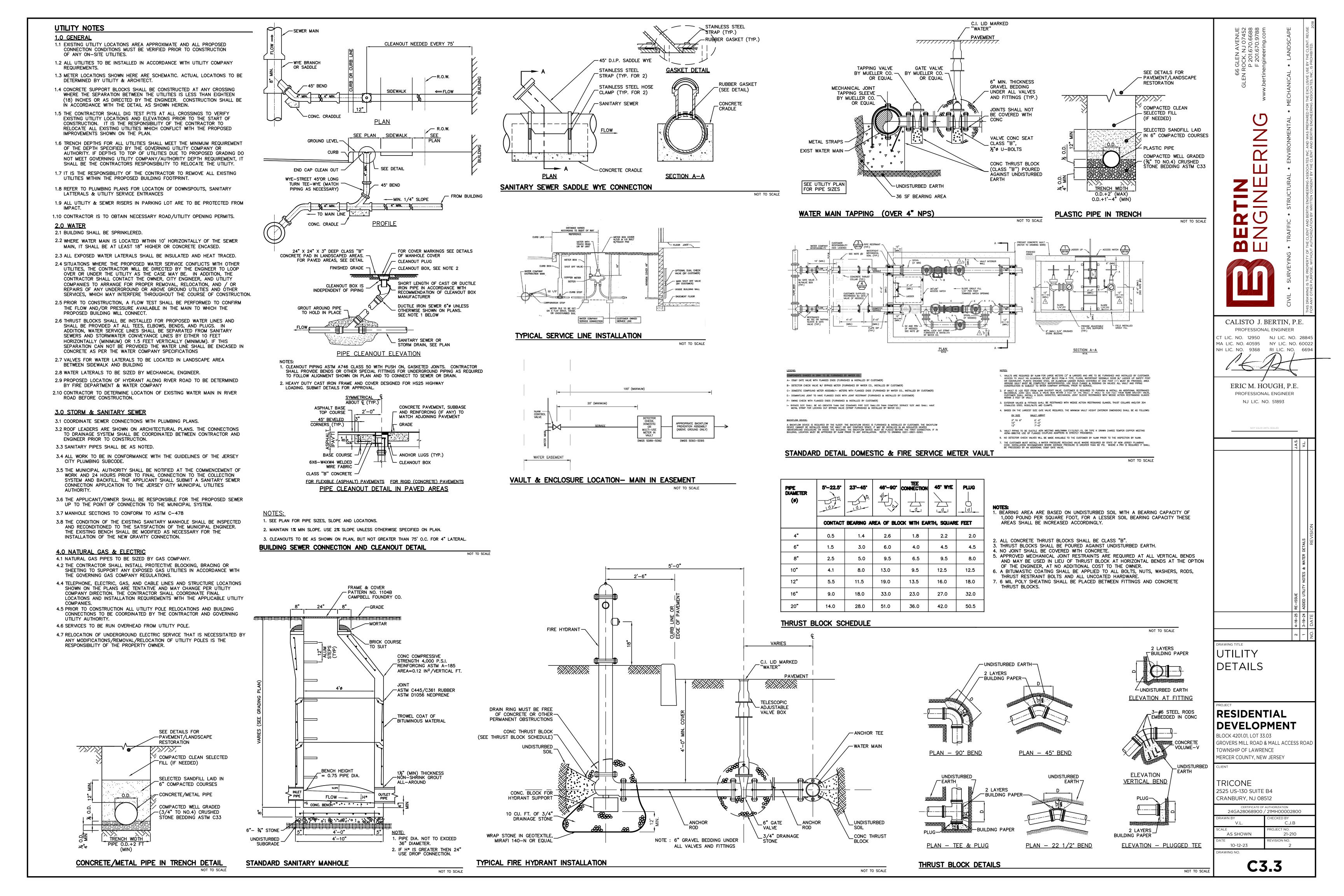
TRICONE 2525 US-130 SUITE B4 CRANBURY, NJ 08512

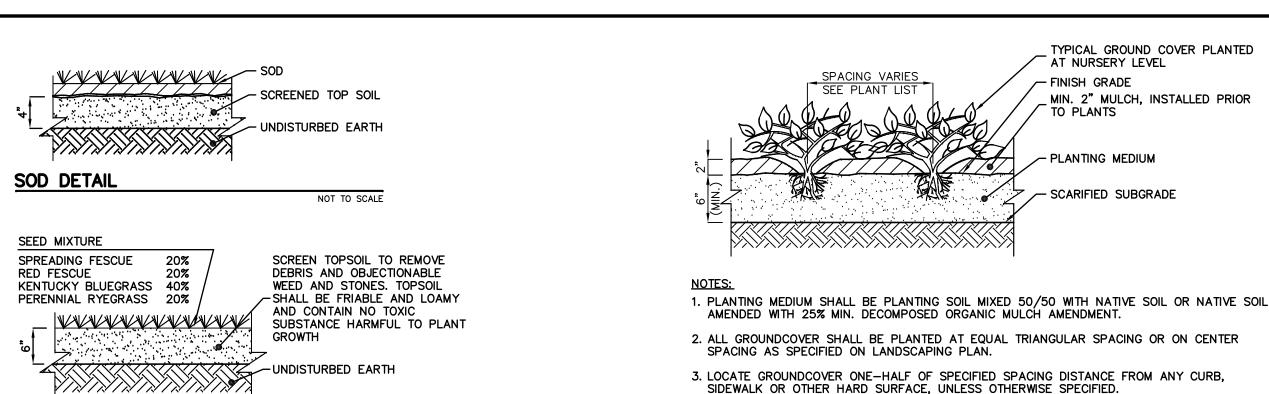
10-12-23

24GA28068900 / 21MH00002800 C.J.B AS SHOWN 21-210

C3.1







GROUNDCOVER PLANTING

EVERGREEN TREE PLANTING DETAIL

- LEADER INTACT, DO NOT PRUNE

WATERING SAUCER OF TREE PIT

TREE PIT FOR WATERING.

FINISHED GRADE

-PROPOSED GRADE

BIORETENTION BASIN SECTION DETAIL

PRUNE ALL BROKEN AND DEAD BRANCHES

PROVIDE 4" OF MULCH AS SPECIFIED TO COVER

CUT AND REMOVE BINDING AND BURLAP FROM TRUNK

NOTE: WIRE BASKETS ARE TO BE REMOVED PRIOR

BASIN FLOOR

BIORETENTION BASIN HERBACEOUS VEGETATION SPACING DETAIL

FORM 4" HIGH TOPSOIL SAUCER AT EDGE OF

AND UPPER 1/3 OF TREE ROOTBALL.

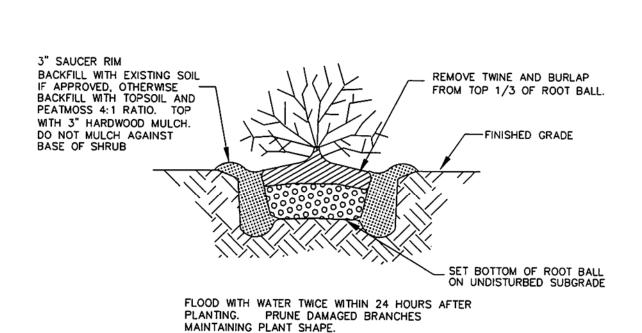
PREPARED TOPSOIL (3:1 RATIO

TO BACKFILLING THE PLANTING PIT

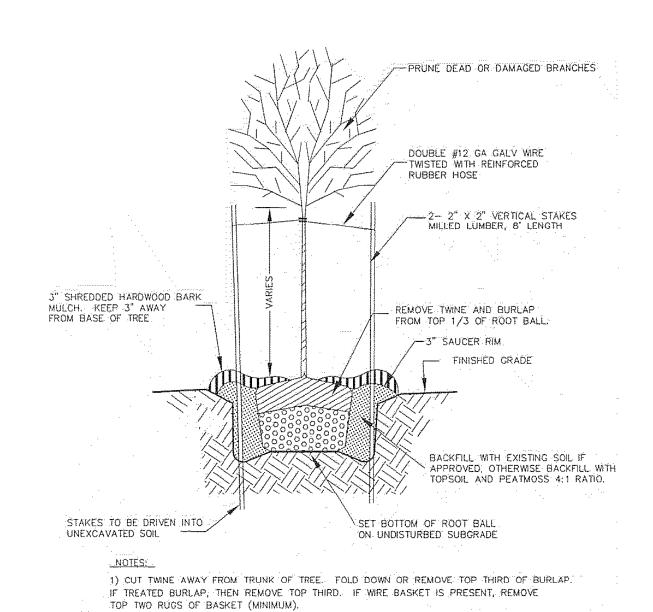
TOPSOIL TO PEAT MOSS).

- PREPARED TOPSOIL CUSHION

TOP SOIL & GRASS DETAIL



SHRUB PLANTING (LAWRENCE STANDARD DETAIL L-2)



TREE PLANTING (LAWRENCE STANDARD DETAIL L-1)

3) STAKING & CUYING REQUIRED AT THE DISCRETION OF THE OWNER.

NO SOIL SHALL BE PLACED AGAINST THE TRUNK FLARE.

TREE TIES (SEE NOTES)

TENSION GUYING TO ALLOW -

ROUGH SAWN OR S4S STAKES.

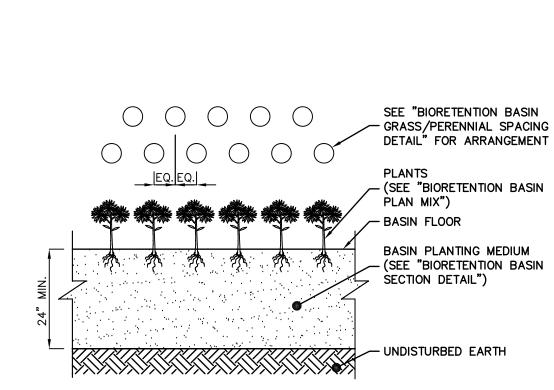
SEE NOTES. PLACE STAKES

FINISH GRADE -

OUTSIDE ROOT BALL. REMOVE STAKES AFTER ONE YEAR.

4" SWAY ANY DIRECTION

2) TREES SHALL BE POSITIONED 1" ABOVE THE GRADE AT WHICH THEY GREW IN THE NURSERY.



BIORETENTION BASIN HERBACEOUS VEGETATION PLANTING DETAIL

-FILTER FABRIC ALONG SIDES OF MEDIA

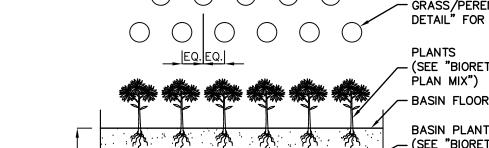
└─<15% SILT AND CLAY, WITH 2-5% CLAY,

3-7% ORGANICS, pH OF 5.5 - 6.5,

APPROX. PERMEABILITY OF 4 IN/HR

85-95% SAND, <25% FINE AND VERY FINE SAND,

24" THICK PLANTING BED:



PLASTIC CHAIN TYPE. APPROX. 1" WIDTH BY 1/8" DEPTH. WHERE TWO STAKES ARE REQUIRED, CROSS THE TIES BETWEEN STAKES AND WRAP TIE ONCE AROUND TREE. FASTEN SECURELY TO STAKE. 2 STRANDS #12 GAUGE GALV. ANNEALED STEEL WIRE TWISTED. PORTION OF WIRE

1. STAKES TO BE CONSTRUCTION GRADE, ROUGH SAWN OR FINISHED DOUGLAR FIR OR PINE. STAKE SIZE TO BE 1 1/2" X 1 1/2" BY THE FOLLOWING LENGTHS:

2. DRIVE STAKES VERTICALLY AND AT LEAST 12" INTO UNDISTURBED SOIL. DO NOT

DRIVE STAKES THROUGH ROOT BALL. LOCATE STAKES TO BEST RESIST PREVAILING

- TREES 36" AND SHORTER - USE ONE 6 FT (APPROX.) STAKE

WINDS WHERE POSSIBLE.

- TREES TALLER THAN 36" - USE TWO 8 FT (APPROX.) STAKES

THAT GOES ÄROUND TREE TO BE ENCLOSED IN NEW BLACK REINFORCED RUBBER HOSE. WIRE IS TO BE DOUBLE WRAPPED AROUND STAKE AND TWISTED TO TIGHTEN TREE STAKING DETAIL

NOT TO SCALE

4. NORMAL MAINTENAANCE AND CARE OF ALL PLANT MATERIAL, (WATERING, ETC.) SHALL TAKE PLACE PRIOR TO THE DETERMINATION OF SUBSTANTIAL COMPLETION AS WELL IN ORDER TO PLANTED MATERIAL HEALTHY.

1. PROPERTY OWNER WILL BE RESPONSIBLE FOR MAINTENANCE OF ALL LANDSCAPING.

2. TREES AND SHRUBS: MAINTAIN FOR THE FOLLOWING MAINTENANCE PERIOD BY PRUNING,

AND REPAIRING STAKES AND GUY SUPPORTS, AND RESETTING TO PROPER GRADES OR

REQUIRED TO KEEP TREES AND SHRUBS FREE OF INSECTS AND DISEASE. RESTORE OR

GROUND COVER AND PLANTS: MAINTAIN FOR THE FOLLOWING MAINTENANCE PERIOD BY WATERING, WEEDING, FERTILIZING, AND OTHER OPERATIONS AS REQUIRED TO ESTABLISH

THOSE PERFORMING SUCH WORK BE PROFESSIONALS CERTIFIED IN SUCH WORK. (ISA

THAN 5 YEARS EXPERIENCE IN SUCH HORTICULTURAL WORK HAS BEEN OBTAINED).

DETERMINED BY THE BOROUGH'S LANDSCAPE ARCHITECTAND/OR BOROUGH OFFICIAL

3. MAINTENANCE PERIOD: 24 MONTHS FROM DATE OF SUBSTANTIAL COMPLETION AS

CERTIFIED, CERTIFIED TREE EXPERT CERTIFICATION AND/OR SHOW PROOF OF NOT LESS

VERTICAL POSITION, AS REQUIRED TO ESTABLISH HEALTHY, VIABLE PLANTINGS. SPRAY AS

CULTIVATING, WATERING, WEEDING, FERTILIZING, RESTORING PLANTING SAUCERS, TIGHTENING

LANDSCAPE NOTES

LANDSCAPE MAINTENANCE NOTES

REPLACE DAMAGED TREE WRAPPINGS.

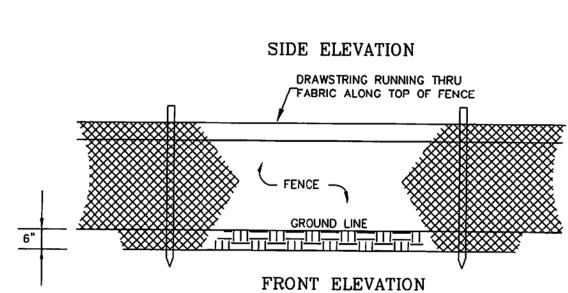
HEALTHY, VIABLE PLANTINGS.

- 1. ALL LANDSCAPED AREAS TO RECEIVE A TWELVE INCH (12") LAYER OF COMPACTED TOPSOIL
- 2. ALL PLANT MATERIAL TO BE BALLED & BURLAPPED AND CONFORM TO U.S.A. STANDARD FOR NURSERY STOCK U.S.A. Z 60.1-1969.
- 3. SHRUBS SHALL BE PLANTED IN PITS WITHIN THE BED ONE FOOT GREATER THAN THE SPREAD OF THE ROOTS AND 18" DEEP BELOW FINISH GRADE OR AS DEEP AS IS NECESSARY TO PROPERLY SET THE PLAN AT FINISH GRADE. THE DEPTH OF THE PLANTING PIT SHALL BE ADJUSTED AS NECESSARY TO PERMIT A MINIMUM OF (3") THREE INCHES OF TOPSOIL UNDER BALL OF ALL PLANTS.
- 4. TOP SOIL USED FOR PLANTING SHALL BE A MIXTURE OF THREE PARTS TOP SOIL TO ONE PART PEAT.
- 5. IMMEDIATELY AFTER PLANTING OPERATIONS ARE COMPLETED, ALL TREE & SHRUB PITS SHALL BE MULCHED WITH A (4") FOUR INCH LAYER OF ROOT MULCH. THE LIMIT OF THIS MULCH FOR TREES SHALL BE AREA OF THE PIT & FOR SHRUBS IN BEDS, THE ENTIRE AREA
- 6. CUT AND REMOVE BURLAP FROM TOP 1/3 OF BALL. NYLON ROPE AND OR NYLON BALLING MATERIAL IS NOT ACCEPTABLE.
- 7. IF THERE IS A DISCREPANCY BETWEEN THE PLANT COUNT SHOWN IN THE PLANT LIST AND THE PLANTING GRAPHIC, THE GRAPHIC SHALL TAKE PRECEDENCE.
- 8. IF THE CONTRACTOR FINDS QUESTIONABLE SUBGRADE MATERIAL/SOIL CONDITIONS THAT ARE DELETERIOUS TO PLANT SURVIVAL AND GROWTH OR INHIBIT DRAINAGE HE SHALL NOTIFY THE BOROUGH LANDSCAPE ARCHITECT AND OWNER'S LANDSCAPE ARCHITECT IMMEDIATELY AND

PRIOR TO INSTALLATION OF PLANT MATERIALS UPON FINDINGS OF SUCH QUESTIONABLE

- 9. PLANT GROUNDCOVERS IN 8" DEEP TOPSOIL BED CONSISTING OF 3 PARTS TOPSOIL AND 1 PART HUMUS. PLANT BULBS IN NATURALIZED DRIFTS.
- 10. TOPSOIL AND SEED ALL AREAS DISTURBED AS A RESULT OF ANY AND ALL CONSTRUCTION DISTURBANCES, OR STORAGE OF EQUIPMENT, WHETHER SUCH AREAS ARE SHOWN ON THE PLANS OR NOT. CONTRACTOR TO FIELD VERIFY AREAS OF SEED AND OF SOD PRIOR TO
- 11. CONTRACTOR SHALL REVIEW THE "PROTECTION AGAINST AND REMEDIATION OF EXCESS SOIL COMPACTION".
- 12. CONTRACTOR SHALL REVIEW AND COORDINATE HIS WORK WITH THAT OF THE WORK SHOWN ON THE LANDSCAPING PLAN DEVELOPED BY THE APPLICANT'S LANDSCAPE ARCHITECT.
- 13. UTILITIES/STRUCTURES, CONDUITS ARE TO BE PLACED ALONG THE INSIDE OF CURBING, BOTH EXISTINGAND PROPOSED TO ENSURE THAT THEY DO NOT INTERFERE WITH THE INSTALLATION / PLANTING OF PROPOSED CANOPY TREES. EVERGREEN TREES. SHRUBS AND GROUND COVER. ANY CONDUITS, LINES, STRUCTURES FOUND TO BE IN INTERFERENCE OF PROPOSED PLANTINGS SHALL BE REARRANGED, REMOVED AND REPLACED AT CONTRACTOR'S
- 14. AT ALL AREAS PROPOSED FOR PLANTINGS AND LANDSCAPING THE CONTRACTOR SHALL REMOVE ALL EXISTING DRIVEWAY/ASPHALT PAVEMENT AND STRUCTURE MATERIALS TO FULL DEPTH INCLUDING ALL SUBBASE MATERIAL. SUBGRADE SHALL BE TILLED/RIPPED TO SOFTEN SUBGRADE. ENTIRE AREA SHALL BE BACK FILLED WITH UP TO NOT LESS THAN 12" OF
- 15. FURNISH AN IRRIGATION SYSTEM AT ALL LANDSCAPED AREAS. IRRIGATION SYSTEM TO BE DESIGNED BY A PERSON LICENSED IN THE STATE OF NEW JERSEY.

FENCE POSTS B' C.C. -FABRIC SECURED TO POST w/ METAL CLIPS & REINFORCEMENT BETWEEN FASTENER & FABRIC DIG 6" DEEP TRENCH, BURY BOTTOM FLAP, TAMP IN PLACE



1. PLACE SILT FENCE AT LOCATIONS SHOWN ON THE SOIL EROSION AND

- SEDIMENT CONTROL PLAN. 2. SILT FENCE SHALL BE INSTALLED SO WATER CANNOT BYPASS AROUND FENCE.
- 3. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE AS CONDITIONS WARRANT.
- 4. SILT FENCE SHALL REMAIN IN PLACE FOR THE DURATION OF THE PROJECT UNLESS OTHERWISE INSTRUCTED.

SILT FENCE (LAWRENCE STANDARD DETAIL SE-2)

LAWNS: SODDING AND SOIL PREPARATION NOTES

CONTRACTOR TO FINE GRADE AND PREPARE ALL SITE AREAS TO RECEIVE SOD. MAKE SITE SMOOTH TO FINAL GRADING PLAN ELEVATIONS, FILL IN DEPRESSIONS, LOW SPOTS AND GRADE SMOOTH.

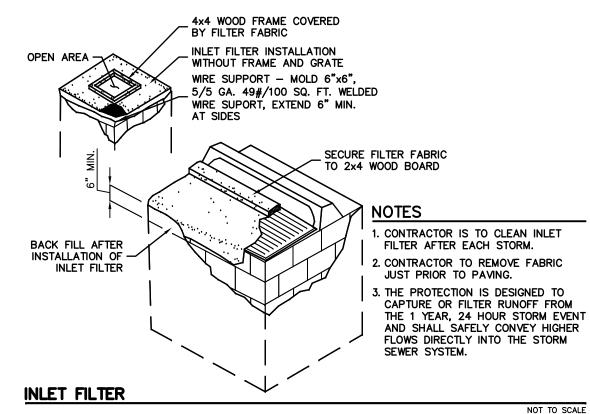
- ALL LAWN AREAS WITHIN LAWN LIMIT LINES TO RECEIVE 6" OF TOPSOIL PRIOR TO SODDING OPERATIONS. ONCE TOPSOIL HAS BEEN PLACED, CONSTRUCTION ACTIVITY OF ANY KIND (EXCLUDING LANDSCAPING) SHALL NOT BE PERMITTED ON OR ACROSS ANY PLANTING ÀREA. CONTRACTOR SHALL FULLY EXCAVATE ANY PLANTING AREA THAT IS DISTURBED AND REPLACE WITH TOPSOIL. SCARIFY SOIL TO DEPTH OF 3± INCHES PRIOR TO APPLICATION.
- LAWNS SHALL BE SODDED FOLLOWING SCARIFYING, FINAL GRADING, FERTILIZING, AND RAKING. LAWN SHALL BE FERTILIZED WITH 12-12-12 ANALYSIS FERTILIZER AT A RATE OF 10 LBS/1,000 SF.
- WATER AND MAINTAIN GRASS UNTIL STAND IS ESTABLISHED AND READY FOR MOWING AT MINIMUM 4 INCH HEIGHT. CONTINUE TO WATER FOR A MINIMUM 30 DAYS OR UNTIL ACCEPTED BY OWNER.
- FOLLOWING SODDING OPERATIONS, CLEAN UP EXCESS MATERIALS, AND CLEAN ALL BARK MULCHED AND PAVED AREAS. ALL LAWNS SHALL BE GUARANTEED TO HAVE A UNIFORM STAND OF ACCEPTABLE GRASS AT THE END OF THE ONE YEAR GUARANTEE PERIOD WITH NO BARE SPOTS COMPRIZING MORE THAN 2% OF ANY LAWN AREA. ANY AREA SO NOTED WILL BE SODDED UNTIL AN ACCEPTABLKE STAND OF GRASS IS ESTABLISHED.
- ALL DISTURBED LAWN AREAS SHALL BE SODDED AS NOTED AND AS APPROVED BY OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT.

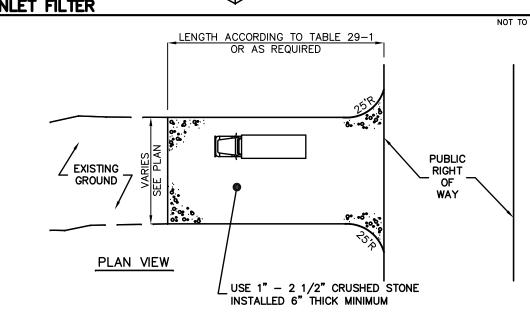
LAWNS: SEEDING AND SOIL PREPARATION NOTES

- CONTRACTOR TO FINE GRADE AND PREPARE ALL SITE AREAS TO RECEIVE SEED. MAKE SITE SMOOTH TO FINAL GRADING PLAN ELEVATIONS, FILL IN DEPRESSIONS, LOW SPOTS AND GRADE SMOOTH.
- 2. ALL LAWN AREAS WITHIN LAWN LIMIT LINES TO RECEIVE 6" OF TOPSOIL PRIOR TO SEEDING OPERATIONS. ONCE TOPSOIL HAS BEEN PLACED, CONSTRUCTION ACTIVITY OF ANY KIND (EXCLUDING LANDSCAPING) SHALL NOT BE PERMITTED ON OR ACROSS ANY PLANTING AREA. CONTRACTOR SHALL FULLY EXCAVATE ANY PLANTING AREA THAT IS DISTURBED AND REPLACE WITH TOPSOIL.
- HYDROSEEDING IS ACCEPTABLE. APPLY WITH APPROVED EQUIPMENT DESIGNED FOR PROFESSIONAL HYDROSEEDING APPLICATIONS AT RECOMMENDED RATES.
- PROVIDE FRESH, CLEAN NEW-CROP "PREMIUM" GRADE SEED AND SEED MIXES AS FOLLOWS: (SUBMIT SEASONAL MIX ALTERNATIVE AS APPROPRIATE) 40% KENTUCKY BLUEGRASS 30% PERENNIAL RYE GRASS 30% TURF TYPE TALL FESCUE
- 5. APPLY SEED AT RATE OF MINIMUM 175 POUNDS PER ACRES (4 LSB/1,000 SF).
- 6. SCARIFY SOIL TO DEPTH OF 3 INCHES PRIOR TO APPLICATION.

ACCEPTED BY OWNER.

- LAWNS SHALL BE SEEDED FOLLOWING SCARIFYING. FINAL GRADING, FERTILIZING, AND RAKING. LAWNS SHALL BE FERTILIZED WITH 12-12-12 ANALYSIS FERTILIZER AT A RATE OF 10 LBS/1,000 SF. APPLY SEED MIX AT SPECIFIED RATE, AND LIGHTLY RAKE INTO TOP 1/4 INCH OF SOIL.
- MULCH SEEDED AREAS WITH STRAW MULCH AT RATE OF MINIMUM 1 1/2 TON PER ACRE (70 LBS/1,000 SF). CRIMP OR TACK STRAW MULCH TO REMAIN IN PLACE UNTIL COMPLETE
- GERMINATION OF SEED AND ESTABLISHED GROWTH. WATER AND MAINTAIN GRASS UNTILL STAND IS ESTABLISHED AND READ FOR MOWING AT MINIMUM 4 INCH HEIGHT. CONTINUE TO WATER FOR A MINIMUM 30 DAYS OR UNTIL
- 10. FOLLOWING SEEDING OPERATIONS, CLEAN UP EXCESS MATERIALS, AND CLEAN ALL BARK MULCHED AND PAVED AREAS.
- 11. FOLLOWING GERMINATION, APPLY HERBICIDE TO ALL GRASS GROWTH IN PLANT MULCH
- 12. ALL LAWNS SHALL BE GUARANTEED TO HAVE A FULL UNIFORM STAND OF ACCEPTABLE GRASS AT THE END OF THE ONE YEAR GUARANTEE PERIOD WITH NO BARE SPOTS COMPRISING MORE THATN 2% OF ANY LAWN AREA. ANY AREA SO NOTED WILL BE RESEEDED OR SODDED UNTIL AN ACCEPTABLE STAND OF GRASS IS ESTABLISHED.
- 13. ALL DISTURBED LAWN AREAS SHALL BE SEEDED AS NOTED AND AS APPROVED BY OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT.





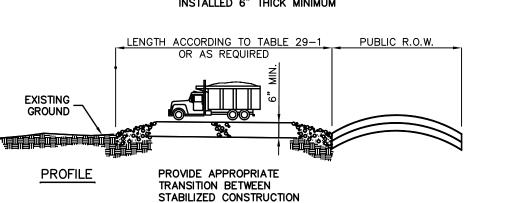


TABLE 29-1: LENGTHS OF CONSTRUCTION EXITS ON SLOPING ROADBEDS

TABLE 23 1. LENGTHS OF CONSTRUCTION EXITS ON SECTION ROADBEDS				
PERCENT SLOPE	LENGTH OF STONE REQUIRED			
OF ROADWAY	COARSE GRAINED SOILS	FINE GRAINED SOILS		
0 TO 2%	50 FT	100 FT		
2 TO 5%	100 FT	200 FT		
> 5%	ENTIRE SURFACE STABILIZEI) WITH FABC BASE COURSE		

ENTRANCE AND PUBLIC R.O.W.

STABILIZED CONSTRUCTION ACCESS

N AVE NJ 0 .670.6

PROFESSIONAL ENGINEER T LIC. NO. 12950 NJ LIC. NO. 28845 MA LIC. NO. 40595 NY LIC. NO. 6002 NH LIC. NO. 9368 RI LIC. NO. 669

CALISTO J. BERTIN, P.E.

ERIC M. HOUGH, P.E PROFESSIONAL ENGINEER NJ LIC. NO. 51893

LANDSCAPE & **SOIL EROSION DETAILS**

RESIDENTIAL **DEVELOPMENT**

BLOCK 4201.01, LOT 33.03 GROVERS MILL ROAD & MALL ACCESS ROAD TOWNSHIP OF LAWRENCE MERCER COUNTY, NEW JERSEY

TRICONE 2525 US-130 SUITE B4 CRANBURY, NJ 08512

24GA28068900 / 21MH00002800 C.J.B AS SHOWN 21-210 10-12-23

C3.4





"PROVIDENCE SMALL (PROS)" LED AREA LIGHT FIXTURE, MANUFACTURED BY ARCHITECTURAL AREA LIGHTING. SEE LIGHTING SCHEDULE FOR MODERAL NUMBER(S), MOUNTING HEIGHT(S), LED COLOR TEMPERATURE(S), LIGHTING DISTRIBUTION(S), AND LUMENS.

19.44**'/4**94n Providence Small

AREA LIGHT FIXTURE DETAIL (AREA LIGHTS "B2", "B3" & "B4)

NOT TO SCALE

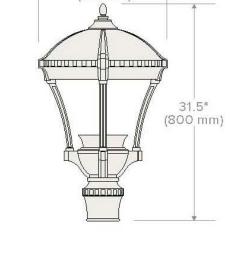








NUMBER(S), MOUNTING HEIGHT(S), LED COLOR TEMPERATURE(S), LIGHTING DISTRIBUTION(S) AND Providence Medium



AREA LIGHT FIXTURE DETAIL

(AREA LIGHTS "A1S", "A2", "A3", "A3", "A4", "A4S", & "A5W")









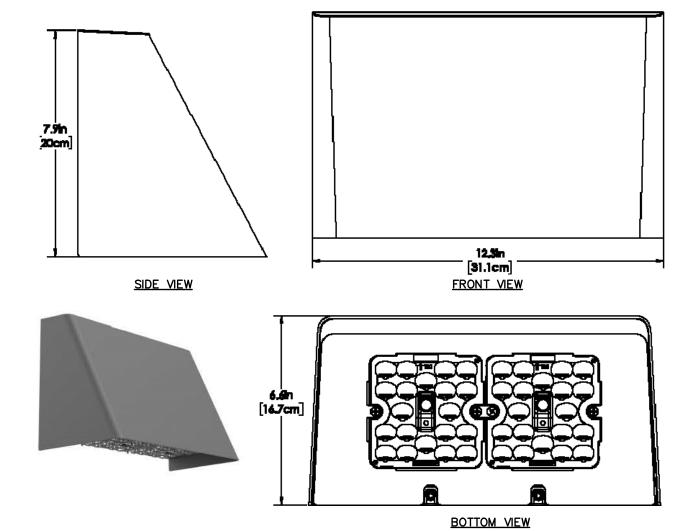


"MIRADA SMALL WALL SCONCE VISUAL COMFORT (XWS VC)" LED WALL LIGHT, MANUFACTURED BY LSI INDUSTRIES. SEE LIGHTING SCHEDULE FOR MODEL NUMBER(S), MOUNTING HEIGHT(S), LED COLOR TEMPERATURE(S), LIGHTING DISTRIBUTION(S) AND LUMENS.

WALL LIGHT FIXTURE DETAIL

(WALL LIGHT "W1")

NOT TO SCALE



"GEOFORM WEDGE MEDIUM LED WALL SCONCE" (GWM), MANUFACTURED BY GARDCO. SEE LIGHTING SCHEDULE FOR MODEL NUMBER(S), MOUNTING HEIGHT(S), COLOR TEMPERATURE(S), AND LUMENS.

WALL LIGHT FIXTURE DETAIL (WALL LIGHTS "W4" & "w5")

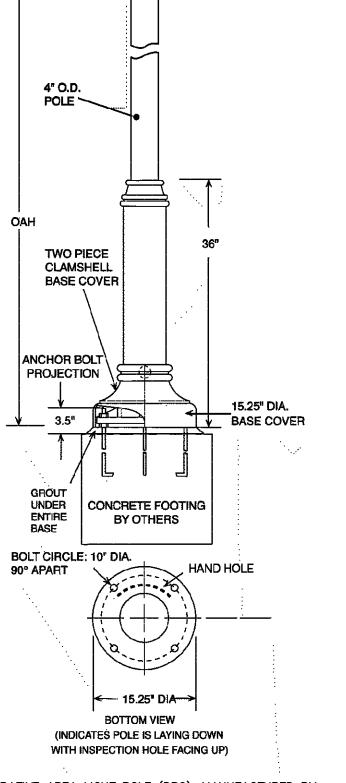
NOT TO SCALE



EXTERIOR WALL SCONCE, MANUFACTURED BY URBAN AMBIANCE. FOR USE WITH A 9W LED 3000K LIGHT BULB. SEE LIGHTING SCHEDULE FOR MODEL NUMBER(S), MOUNTING HEIGHT(S), LED COLOR TEMPERATURE(S), LIGHTING DISTRIBUTION(S) AND LUMENS.

WALL SCONCE FIXTURE DETAIL
(WALL SCONCES "W2" & "W3")

NOT TO SCALE



DECORATIVE AREA LIGHT POLE (DB6), MANUFACTURED BY ARCHITECTURAL AREA LIGHTING. FOR AREA LIGHTS "B1" & "B2", OAH = 12 FT.

MODEL NO: DB6-4R12-125-12

FOR ALL OTHER AREA LIGHTS, OAH - 16 FT.

MODEL NO: DB6-4R16-125-16

AREA LIGHT POLE DETAIL

POLE & FOOTING — CONDUIT ✓ GROUT AS REQUIRED TO SHED WATER CONCRETE CURB (IF APPLICABLE) 3/4"ø x 30" LONG GALVANIZED
ANCHOR BOLTS OR AS PER MANUFACTURER'S RECOMMENDATIONS -8 - #5 VERTICAL BARS 24"ø CONC. FOOTING

AREA LIGHT FOOTING DETAIL

CROWN TOP OF FOOTING NOT TO SCALE

> LIGHTING DETAILS

RESIDENTIAL DEVELOPMENT

BLOCK 4201.01, LOT 33.03 GROVERS MILL ROAD & MALL ACCESS ROAD TOWNSHIP OF LAWRENCE MERCER COUNTY, NEW JERSEY

Z

CALISTO J. BERTIN, P.E.

PROFESSIONAL ENGINEER

CT LIC. NO. 12950 NJ LIC. NO. 28845

MA LIC. NO. 40595 NY LIC. NO. 60022

NH LIC. NO. 9368 RI LIC. NO. 669

ERIC M. HOUGH, P.E

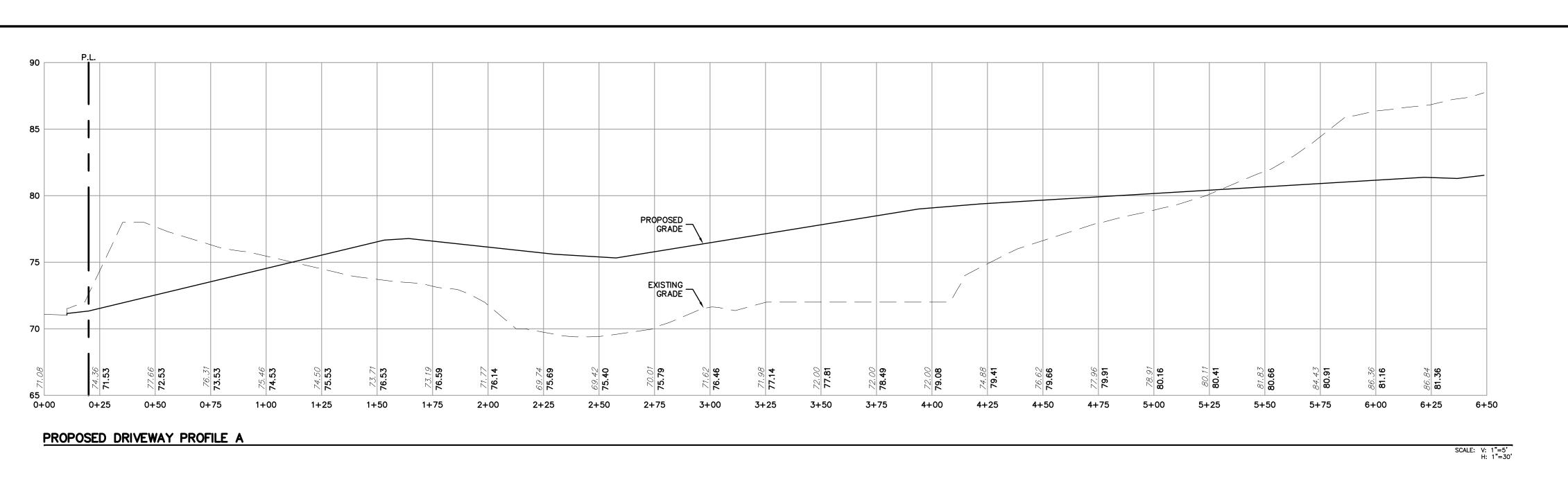
PROFESSIONAL ENGINEER

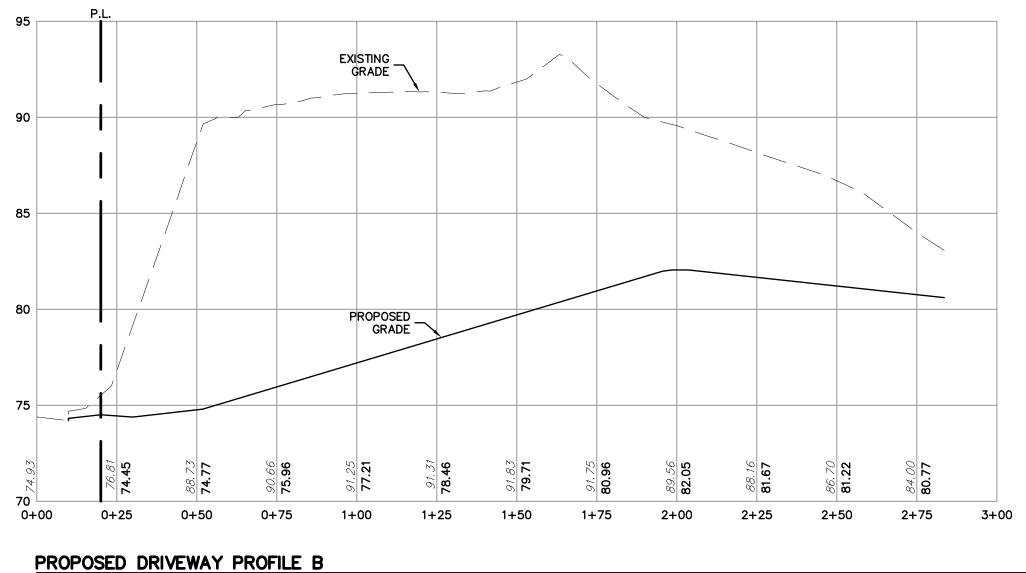
NJ LIC. NO. 51893

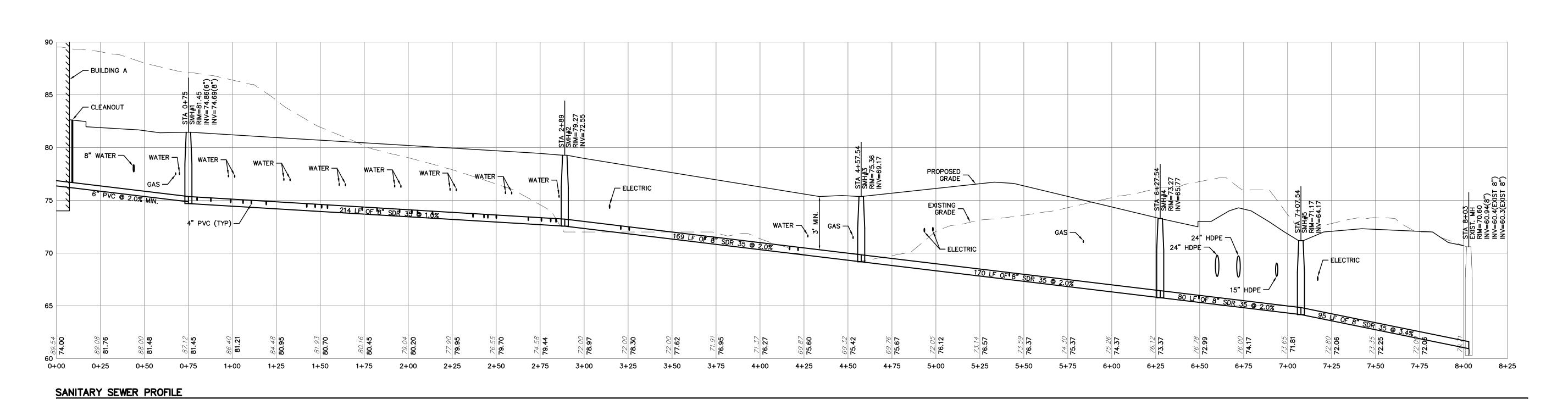
TRICONE 2525 US-130 SUITE B4 CRANBURY, NJ 08512

CERTIFICATE OF AUTHORIZATION 24GA28068900 / 21MH00002800 J.A.S. C.J.B AS SHOWN 21-210 10-12-23

C3.5







GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

BERTIN

GLE

SURVEYING • TRAFFIC • STRUCTURAL • ENVIRONMENTAL • MECHANIC.

CALISTO J. BERTIN, P.E.

PROFESSIONAL ENGINEER

CT LIC. NO. 12950 NJ LIC. NO. 28845

MA LIC. NO. 40595 NY LIC. NO. 60022

NH LIC. NO. 9368 RI LIC. NO. 6694

NOT VALID UNTIL SEALED

ERIC M. HOUGH, P.E.
PROFESSIONAL ENGINEER
NJ LIC. NO. 51893

M.B.L.

3 11–17–25 ADD SANITARY SEWER PROFILE
2 4–16–25 REVISE DRIVEWAY PROFILES
1 6–13–24 REVISED AS PER SITE PLAN
NO DATE

ROAD PROFILES

RESIDENTIAL DEVELOPMENT

BLOCK 4201.01, LOT 33.03 GROVERS MILL ROAD & MALL ACCESS ROAD TOWNSHIP OF LAWRENCE MERCER COUNTY, NEW JERSEY

NT

TRICONE 2525 US-130 SUITE B4 CRANBURY, NJ 08512

CERTIFICATE OF AUTHORIZATION
24GA28068900 / 21MH00002800

DRAWN BY
M.B.L.
C.J.B

SCALE
AS SHOWN
PROJECT NO.
21-210

DATE
REVISION NO.
3-19-24
3

C4.1