



UNDERGROUND FACILITIES PROTECTION NOTE:

UNDERGROUND STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM DATA OBTAINED FROM PREVIOUS MAPS AND RECORD DRAWINGS AND FIELD SURVEY. THE LOCATION OF EXISTING SURFACE FEATURES SUCH AS CATCH BASIN RIMS, MANHOLE COVERS, WATER VALVES, ETC. AND ELEVATION DATA SUCH AS COVER ELEVATIONS AND PIPE INVERTS ARE THE RESULT OF FIELD SURVEY UNLESS NOTED OTHERWISE. THERE MAY BE OTHER UNDERGROUND UTILITIES, THE EXISTENCE OF WHICH IS NOT KNOWN TO THE UNDERSIGNED. THE SIZE, LOCATION AND THE ELEVATIONS OF ALL UNDERGROUND UTILITIES AND STRUCTURES MUST BE VERIFIED BY THE APPROPRIATE AUTHORITIES. THE "UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION" (DIGSAFE NEW YORK) MUST BE NOTIFIED A MINIMUM OF 48 HOURS (2 BUSINESS DAYS) PRIOR TO CONDUCTING TEST BORINGS, EXCAVATION OR CONSTRUCTION. CALL 1-800-962-7862

DISTRICT CHART	
SCHOOL DISTRICT	SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT
FIRE DISTRICT	BLAUVELT FIRE DEPARTMENT
WATER DISTRICT	VEOLIA
LIGHTING DISTRICT	ORANGE & ROCKLAND
SEWER DISTRICT	ORANGETOWN SEWER DISTRICT
ZONING DISTRICT	LIGHT INDUSTRIAL

FEDEX GROUND EXPANSION PHASE 2A

9 AL FOXIE WAY
 HAMLET OF BLAUVELT, TOWN OF ORANGETOWN,
 ROCKLAND COUNTY, NEW YORK
 PARCEL ID: 65.14-1-11.1
 (KCI - PROJ. #00048859_001)

PREPARED BY
McLAREN, A DIVISION OF KCI

530 CHESTNUT RIDGE ROAD
 WOODCLIFF LAKE, NJ 07677

SITE PLAN APPROVAL
 NOVEMBER 2025

OWNER INFORMATION

OWNER: ARC3 FEORTNY001, LLC
 OWNER ADDRESS: 11995 EL CAMINO REAL, SAN DIEGO, CA 92130

SIGNATURE: _____

DRAWING LIST

PLANS PREPARED BY McLAREN, A DIVISION OF KCI

- C-001 COVER SHEET
- C-002 EXISTING CONDITIONS & REMOVALS PLAN (PHASE 2A)
- C-100 PHASING PLAN KEY MAP
- C-101 SITE PLAN (PHASE 2A)
- C-102 SITE COMPARISON PLAN (OVERALL)
- C-201 GRADING, DRAINAGE & UTILITY PLAN (OVERALL)
- C-401 SOIL EROSION & SEDIMENT CONTROL PLAN (PHASE 2A)
- C-402 SOIL EROSION & SEDIMENT CONTROL NOTES & DETAILS
- C-501 DETAILS (1 OF 4)
- C-502 DETAILS (2 OF 4)
- C-503 DETAILS (3 OF 4)
- C-504 DETAILS (4 OF 4)

NO.	DATE	BY	REVISION
1	11/19/2025	NTW	ISSUED TO DISTRICT OFFICES

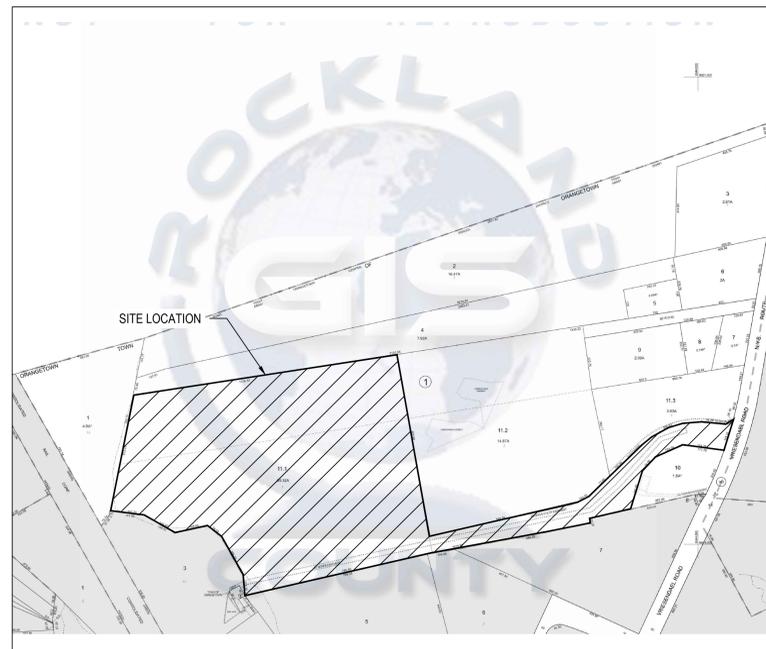
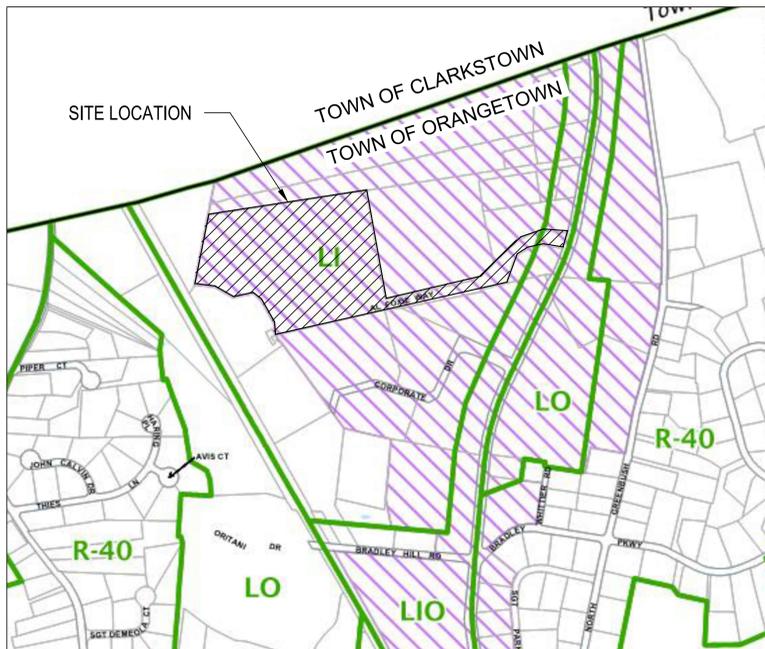
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PROJECT
FEDEX GROUND EXPANSION PHASE 2A
 9 AL FOXIE WAY
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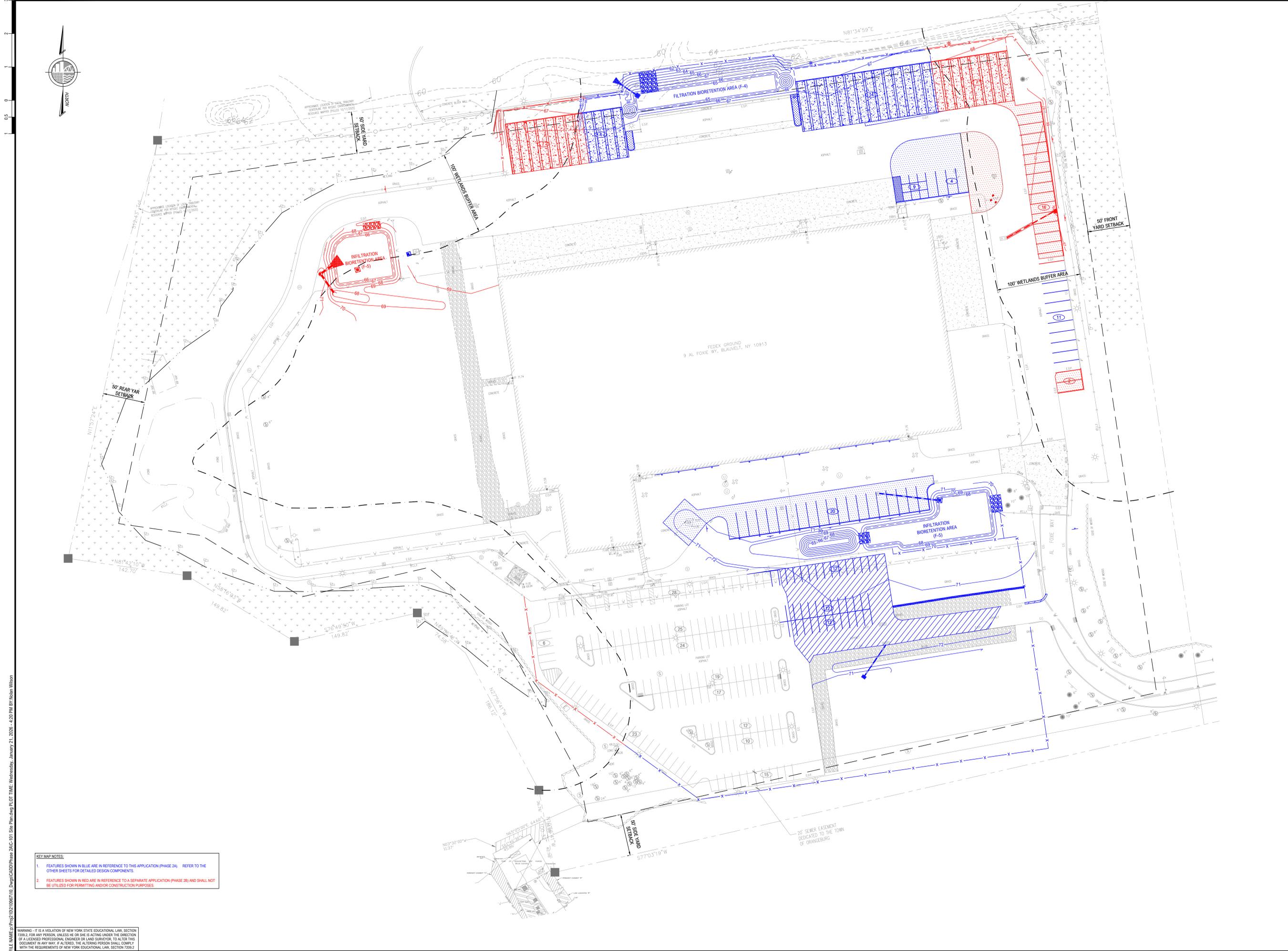
SHEET TITLE
COVER SHEET

PROJECT NO: 00048859_001
 SCALE: AS SHOWN
 DATE: 11/19/2025
 DRAWN BY: NTW/BJV
 CHECKED BY: MJK/JRR
 DRAWING NO:
C-001
 1 OF 12 SHEETS



FILE NAME: p:\proj\102103601\02_Dwg\CADD\Phase 2A\C-001_Cover sheet.dwg PLOT TIME: Wednesday, January 21, 2026 - 4:19 PM BY: Alan Wilson

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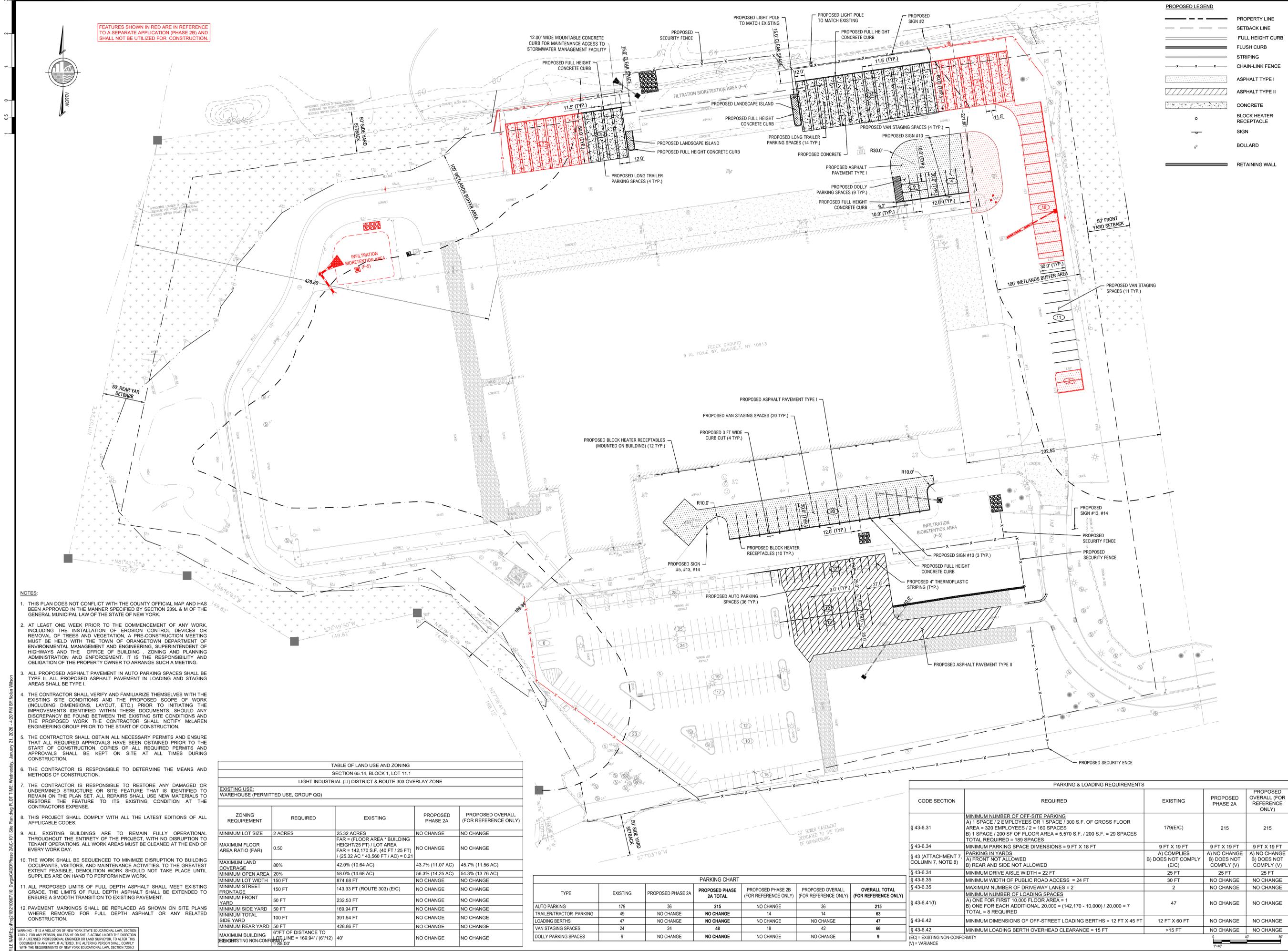


KEY MAP NOTES:

1. FEATURES SHOWN IN BLUE ARE IN REFERENCE TO THIS APPLICATION (PHASE 2A). REFER TO THE OTHER SHEETS FOR DETAILED DESIGN COMPONENTS.
2. FEATURES SHOWN IN RED ARE IN REFERENCE TO A SEPARATE APPLICATION (PHASE 2B) AND SHALL NOT BE UTILIZED FOR PERMITTING AND/OR CONSTRUCTION PURPOSES.

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 <p>McLaren KCI A DIVISION OF KCI M. G. McLaren Engineering and Land Surveying P.C. 550 Chestnut Ridge Road Roseland, N.Y. 11566 T: 201.775.6800 www.kci.com</p>	<p>PROJECT FEDEX GROUND EXPANSION PHASE 2A 9 AL FOXIE WAY HAMLET OF BLAUVELT, TOWN OF ORANGETOWN ROCKLAND COUNTY, NEW YORK PARCEL ID: 65.14-1-11.1</p>
 <p>PROFESSIONAL ENGINEER M. G. McLaren 094470 ROCKLAND COUNTY, NEW YORK</p>	<p>SHEET TITLE PHASING PLAN KEY MAP</p>
<p>PROJECT NO: 00048859_001 SCALE: AS SHOWN DATE: 11/19/2025 DRAWN BY: NTW/BJV CHECKED BY: MJK/JRR DRAWING NO:</p>	<p>C-100 3 OF 12 SHEETS</p>



FEATURES SHOWN IN RED ARE IN REFERENCE TO A SEPARATE APPLICATION (PHASE 2B) AND SHALL NOT BE UTILIZED FOR CONSTRUCTION.

PROPOSED LEGEND

[Symbol]	PROPERTY LINE
[Symbol]	SETBACK LINE
[Symbol]	FULL HEIGHT CURB
[Symbol]	FLUSH CURB
[Symbol]	STRIPING
[Symbol]	CHAIN-LINK FENCE
[Symbol]	ASPHALT TYPE I
[Symbol]	ASPHALT TYPE II
[Symbol]	CONCRETE
[Symbol]	BLOCK HEATER RECEPTACLE
[Symbol]	SIGN
[Symbol]	BOLLARD
[Symbol]	RETAINING WALL

- NOTES:**
- THIS PLAN DOES NOT CONFLICT WITH THE COUNTY OFFICIAL MAP AND HAS BEEN APPROVED IN THE MANNER SPECIFIED BY SECTION 239L & M OF THE GENERAL MUNICIPAL LAW OF THE STATE OF NEW YORK.
 - AT LEAST ONE WEEK PRIOR TO THE COMMENCEMENT OF ANY WORK, INCLUDING THE INSTALLATION OF EROSION CONTROL DEVICES OR REMOVAL OF TREES AND VEGETATION, A PRE-CONSTRUCTION MEETING MUST BE HELD WITH THE TOWN OF ORANGETOWN DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND ENGINEERING, SUPERINTENDENT OF HIGHWAYS AND THE OFFICE OF BUILDING, ZONING AND PLANNING ADMINISTRATION AND ENFORCEMENT. IT IS THE RESPONSIBILITY AND OBLIGATION OF THE PROPERTY OWNER TO ARRANGE SUCH A MEETING.
 - ALL PROPOSED ASPHALT PAVEMENT IN AUTO PARKING SPACES SHALL BE TYPE II. ALL PROPOSED ASPHALT PAVEMENT IN LOADING AND STAGING AREAS SHALL BE TYPE I.
 - THE CONTRACTOR SHALL VERIFY AND FAMILIARIZE THEMSELVES WITH THE EXISTING SITE CONDITIONS AND THE PROPOSED SCOPE OF WORK (INCLUDING DIMENSIONS, LAYOUT, ETC.) PRIOR TO INITIATING THE IMPROVEMENTS IDENTIFIED WITHIN THESE DOCUMENTS. SHOULD ANY DISCREPANCY BE FOUND BETWEEN THE EXISTING SITE CONDITIONS AND THE PROPOSED WORK THE CONTRACTOR SHALL NOTIFY McLAREN ENGINEERING GROUP PRIOR TO THE START OF CONSTRUCTION.
 - THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND ENSURE THAT ALL REQUIRED APPROVALS HAVE BEEN OBTAINED PRIOR TO THE START OF CONSTRUCTION. COPIES OF ALL REQUIRED PERMITS AND APPROVALS SHALL BE KEPT ON SITE AT ALL TIMES DURING CONSTRUCTION.
 - THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE MEANS AND METHODS OF CONSTRUCTION.
 - THE CONTRACTOR IS RESPONSIBLE TO RESTORE ANY DAMAGED OR UNDERMINED STRUCTURE OR SITE FEATURE THAT IS IDENTIFIED TO REMAIN ON THE PLAN SET. ALL REPAIRS SHALL USE NEW MATERIALS TO RESTORE THE FEATURE TO ITS EXISTING CONDITION AT THE CONTRACTOR'S EXPENSE.
 - THIS PROJECT SHALL COMPLY WITH ALL THE LATEST EDITIONS OF ALL APPLICABLE CODES.
 - ALL EXISTING BUILDINGS ARE TO REMAIN FULLY OPERATIONAL THROUGHOUT THE ENTIRETY OF THE PROJECT WITH NO DISRUPTION TO TENANT OPERATIONS. ALL WORK AREAS MUST BE CLEANED AT THE END OF EVERY WORK DAY.
 - THE WORK SHALL BE SEQUENCED TO MINIMIZE DISRUPTION TO BUILDING OCCUPANTS, VISITORS, AND MAINTENANCE ACTIVITIES. TO THE GREATEST EXTENT FEASIBLE, DEMOLITION WORK SHOULD NOT TAKE PLACE UNTIL SUPPLIES ARE ON HAND TO PERFORM NEW WORK.
 - ALL PROPOSED LIMITS OF FULL DEPTH ASPHALT SHALL MEET EXISTING GRADE. THE LIMITS OF FULL DEPTH ASPHALT SHALL BE EXTENDED TO ENSURE A SMOOTH TRANSITION TO EXISTING PAVEMENT.
 - PAVEMENT MARKINGS SHALL BE REPLACED AS SHOWN ON SITE PLANS WHERE REMOVED FOR FULL DEPTH ASPHALT OR ANY RELATED CONSTRUCTION.

TABLE OF LAND USE AND ZONING
SECTION 65.14, BLOCK 1, LOT 11.1

LIGHT INDUSTRIAL (LI) DISTRICT & ROUTE 303 OVERLAY ZONE

ZONING REQUIREMENT	REQUIRED	EXISTING	PROPOSED PHASE 2A	PROPOSED OVERALL (FOR REFERENCE ONLY)
EXISTING USE: WAREHOUSE (PERMITTED USE, GROUP QQ)				
MINIMUM LOT SIZE	2 ACRES	25.32 ACRES	NO CHANGE	NO CHANGE
MAXIMUM FLOOR AREA RATIO (FAR)	0.50	FAR = (FLOOR AREA * BUILDING HEIGHT) / 25 FT / LOT AREA FAR = 142,170 S.F. (40 FT / 25 FT) / (25.32 AC * 43,560 FT / AC) = 0.21	NO CHANGE	NO CHANGE
MAXIMUM LAND COVERAGE	80%	42.0% (10.64 AC)	43.7% (11.07 AC)	45.7% (11.56 AC)
MINIMUM OPEN AREA	20%	58.0% (14.68 AC)	56.3% (14.25 AC)	54.3% (13.76 AC)
MINIMUM LOT WIDTH	150 FT	874.68 FT	NO CHANGE	NO CHANGE
MINIMUM STREET FRONTAGE	150 FT	143.33 FT (ROUTE 303) (E/C)	NO CHANGE	NO CHANGE
MINIMUM FRONT YARD	50 FT	232.53 FT	NO CHANGE	NO CHANGE
MINIMUM SIDE YARD	50 FT	169.94 FT	NO CHANGE	NO CHANGE
MINIMUM TOTAL SIDE YARD	100 FT	391.54 FT	NO CHANGE	NO CHANGE
MINIMUM REAR YARD	50 FT	428.86 FT	NO CHANGE	NO CHANGE
MAXIMUM BUILDING SETBACK	67 FT OF DISTANCE TO LOT LINE = 169.94' / (67'11")	40'	NO CHANGE	NO CHANGE

PARKING CHART

TYPE	EXISTING	PROPOSED PHASE 2A	PROPOSED PHASE 2A TOTAL	PROPOSED PHASE 2B (FOR REFERENCE ONLY)	PROPOSED OVERALL (FOR REFERENCE ONLY)	OVERALL TOTAL (FOR REFERENCE ONLY)
AUTO PARKING	179	36	215	NO CHANGE	36	215
TRAILER/TRACTOR PARKING	49	NO CHANGE	NO CHANGE	14	14	63
LOADING BERTHS	47	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	47
VAN STAGING SPACES	24	24	48	18	42	66
DOLLY PARKING SPACES	9	NO CHANGE	NO CHANGE	NO CHANGE	NO CHANGE	9

PARKING & LOADING REQUIREMENTS

CODE SECTION	REQUIRED	EXISTING	PROPOSED PHASE 2A	PROPOSED OVERALL (FOR REFERENCE ONLY)
§ 43-6.31	MINIMUM NUMBER OF OFF-SITE PARKING A) 1 SPACE / 2 EMPLOYEES OR 1 SPACE / 300 S.F. OF GROSS FLOOR AREA = 320 EMPLOYEES / 2 = 160 SPACES B) 1 SPACE / 200 SF OF FLOOR AREA = 5,570 S.F. / 200 S.F. = 29 SPACES TOTAL REQUIRED = 189 SPACES	179(E/C)	215	215
§ 43-6.34	MINIMUM PARKING SPACE DIMENSIONS = 9 FT X 18 FT	9 FT X 19 FT	9 FT X 19 FT	9 FT X 19 FT
§ 43 (ATTACHMENT 7, COLUMN 7, NOTE B)	PARKING IN YARDS A) FRONT NOT ALLOWED B) REAR AND SIDE NOT ALLOWED	A) COMPLIES B) DOES NOT COMPLY (E/C)	A) NO CHANGE B) DOES NOT COMPLY (V)	A) NO CHANGE B) DOES NOT COMPLY (V)
§ 43-6.34	MINIMUM DRIVE AISLE WIDTH = 22 FT	25 FT	25 FT	25 FT
§ 43-6.35	MINIMUM WIDTH OF PUBLIC ROAD ACCESS = 24 FT	30 FT	NO CHANGE	NO CHANGE
§ 43-6.35	MAXIMUM NUMBER OF DRIVEWAY LANES = 2	2	NO CHANGE	NO CHANGE
§ 43-6.41(f)	MINIMUM NUMBER OF LOADING SPACES A) ONE FOR FIRST 10,000 FLOOR AREA + 1 B) ONE FOR EACH ADDITIONAL 20,000 + (142,170 - 10,000) / 20,000 = 7 TOTAL = 8 REQUIRED	47	NO CHANGE	NO CHANGE
§ 43-6.42	MINIMUM DIMENSIONS OF OFF-STREET LOADING BERTHS = 12 FT X 45 FT	12 FT X 60 FT	NO CHANGE	NO CHANGE
§ 43-6.42	MINIMUM LOADING BERTH OVERHEAD CLEARANCE = 15 FT	>15 FT	NO CHANGE	NO CHANGE

(E/C) = EXISTING NON-CONFORMITY
(V) = VARIANCE

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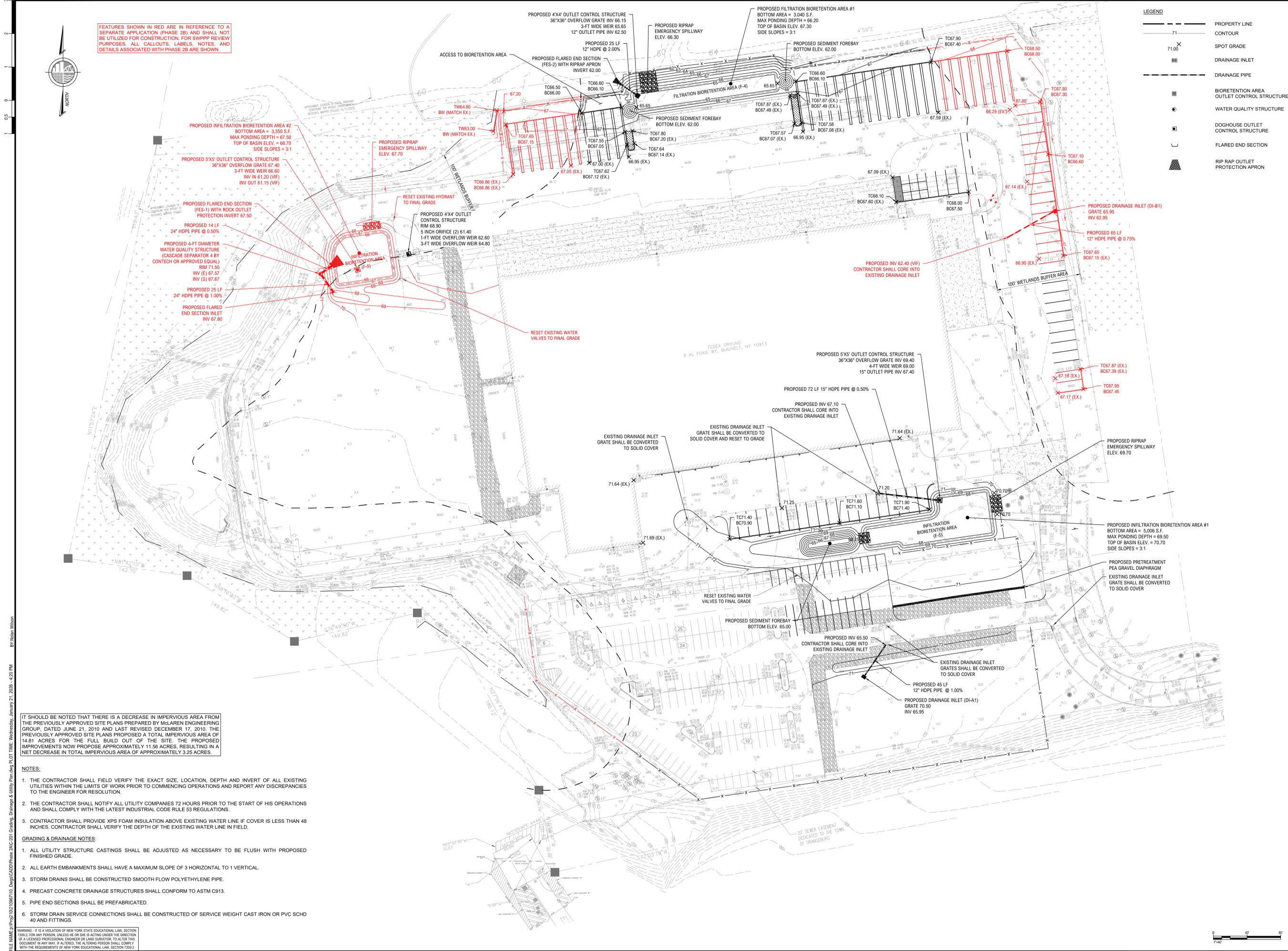
FEDEX GROUND EXPANSION PHASE 2A
9 AL FOXIE WAY
HAMLET OF BLAUVELT, TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK
PARCEL ID: 65.14-1-11.1

SITE PLAN (PHASE 2A)

PROJECT NO: 00048859_001
SCALE: AS SHOWN
DATE: 11/19/2025
DRAWN BY: NTW/BVJ
CHECKED BY: MJK/JRR
DRAWING NO: C-101

4 OF 12 SHEETS

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FEATURES SHOWN IN RED ARE IN REFERENCE TO A SEPARATE APPLICATION (PHASE 2B) AND SHALL NOT BE UTILIZED FOR CONSTRUCTION. FOR SWPPP REVIEW PURPOSES, ALL CALLOUTS, LABELS, NOTES, AND DETAILS ASSOCIATED WITH PHASE 2B ARE SHOWN.

LEGEND	
---	PROPERTY LINE
---	CONTOUR
X	SPOT GRADE
---	DRAINAGE INLET
---	DRAINAGE PIPE
---	BIORETENTION AREA
---	OUTLET CONTROL STRUCTURE
---	WATER QUALITY STRUCTURE
---	DOGHOUSE OUTLET CONTROL STRUCTURE
---	FLARED END SECTION
---	RIP RAP OUTLET PROTECTION APRON

NO.	DATE	BY	NO.	DATE	BY
1	01/20/2025	NTW	1	01/20/2025	NTW
2	01/20/2025	MJK/JRR	2	01/20/2025	MJK/JRR

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PROJECT
FEDEX GROUND EXPANSION PHASE 2A
 9 AL FOXIE WAY
 HAMLET OF BLAUVELT, TOWN OF ORANGETOWN
 ROCKLAND COUNTY, NEW YORK
 PARCEL ID: 65.14-1-11.1



SHEET TITLE
GRADING, DRAINAGE & UTILITY PLAN (OVERALL)

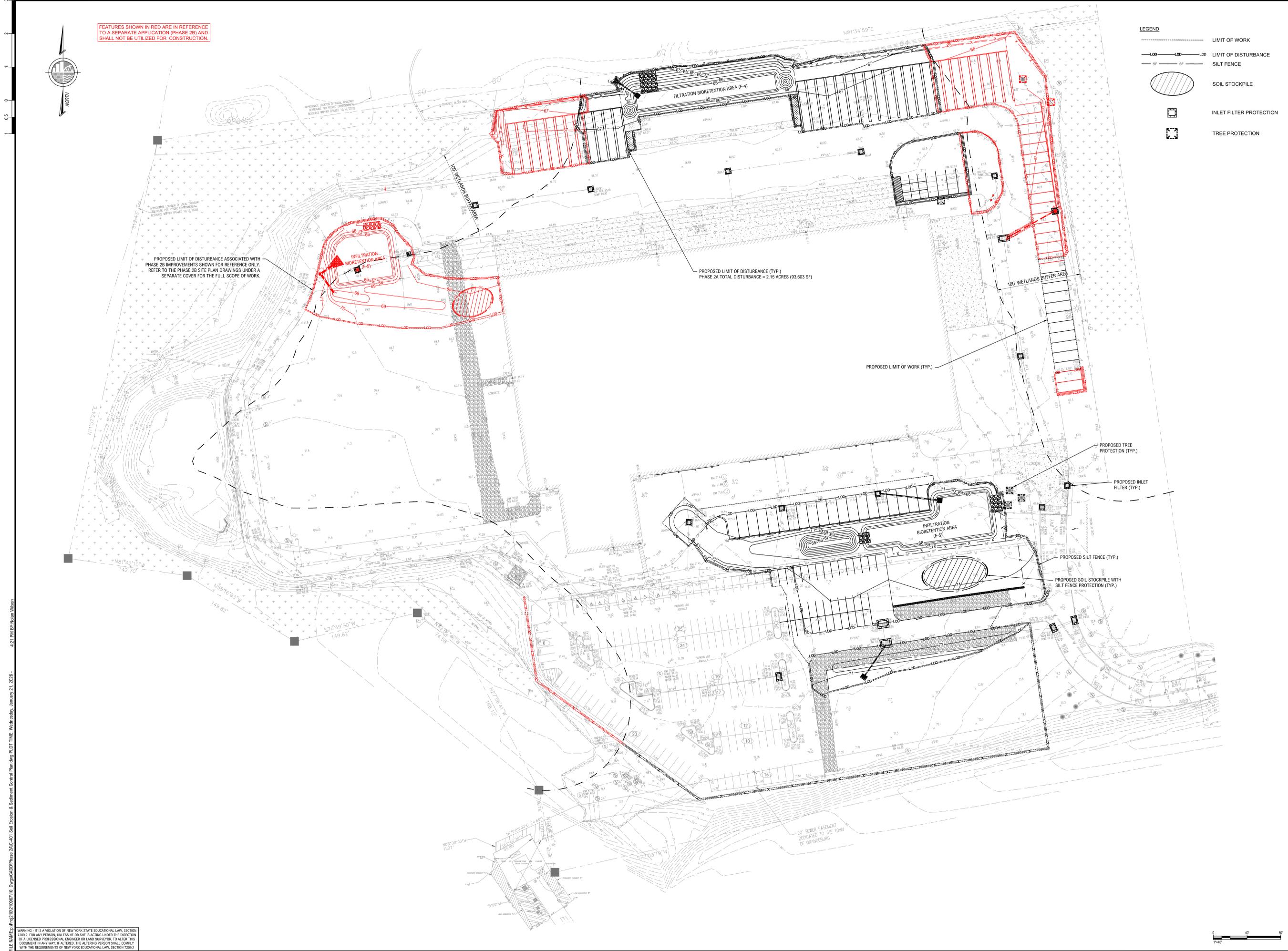
PROJECT NO: 00048859_001
 SCALE: AS SHOWN
 DATE: 11/19/2025
 DRAWN BY: NTW/BJV
 CHECKED BY: MJK/JRR
 DRAWING NO: C-201
 6 OF 12 SHEETS

IT SHOULD BE NOTED THAT THERE IS A DECREASE IN IMPERVIOUS AREA FROM THE PREVIOUSLY APPROVED SITE PLANS PREPARED BY McLAREN ENGINEERING GROUP, DATED JUNE 21, 2010 AND LAST REVISED DECEMBER 17, 2010. THE PREVIOUSLY APPROVED SITE PLANS PROPOSED A TOTAL IMPERVIOUS AREA OF 14.81 ACRES FOR THE FULL BUILD OUT OF THE SITE. THE PROPOSED IMPROVEMENTS NOW PROPOSE APPROXIMATELY 11.56 ACRES, RESULTING IN A NET DECREASE IN TOTAL IMPERVIOUS AREA OF APPROXIMATELY 3.25 ACRES.

- NOTES:**
- THE CONTRACTOR SHALL FIELD VERIFY THE EXACT SIZE, LOCATION, DEPTH AND INVERT OF ALL EXISTING UTILITIES WITHIN THE LIMITS OF WORK PRIOR TO COMMENCING OPERATIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER FOR RESOLUTION.
 - THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS PRIOR TO THE START OF HIS OPERATIONS AND SHALL COMPLY WITH THE LATEST INDUSTRIAL CODE RULE 53 REGULATIONS.
 - CONTRACTOR SHALL PROVIDE XPS FOAM INSULATION ABOVE EXISTING WATER LINE IF COVER IS LESS THAN 48 INCHES. CONTRACTOR SHALL VERIFY THE DEPTH OF THE EXISTING WATER LINE IN FIELD.
- GRADING & DRAINAGE NOTES:**
- ALL UTILITY STRUCTURE CASTINGS SHALL BE ADJUSTED AS NECESSARY TO BE FLUSH WITH PROPOSED FINISHED GRADE.
 - ALL EARTH EMBANKMENTS SHALL HAVE A MAXIMUM SLOPE OF 3 HORIZONTAL TO 1 VERTICAL.
 - STORM DRAINS SHALL BE CONSTRUCTED SMOOTH FLOW POLYETHYLENE PIPE.
 - PRECAST CONCRETE DRAINAGE STRUCTURES SHALL CONFORM TO ASTM C913.
 - PIPE END SECTIONS SHALL BE PREFABRICATED.
 - STORM DRAIN SERVICE CONNECTIONS SHALL BE CONSTRUCTED OF SERVICE WEIGHT CAST IRON OR PVC SCHD 40 AND FITTINGS.

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FEATURES SHOWN IN RED ARE IN REFERENCE TO A SEPARATE APPLICATION (PHASE 2B) AND SHALL NOT BE UTILIZED FOR CONSTRUCTION.

- LEGEND**
- LIMIT OF WORK
 - LIMIT OF DISTURBANCE
 - - - SILT FENCE
 - SOIL STOCKPILE
 - INLET FILTER PROTECTION
 - TREE PROTECTION

PROPOSED LIMIT OF DISTURBANCE ASSOCIATED WITH PHASE 2B IMPROVEMENTS SHOWN FOR REFERENCE ONLY. REFER TO THE PHASE 2B SITE PLAN DRAWINGS UNDER A SEPARATE COVER FOR THE FULL SCOPE OF WORK.

PROPOSED LIMIT OF DISTURBANCE (TYP.)
PHASE 2A TOTAL DISTURBANCE = 2.15 ACRES (93,603 SF)

PROPOSED LIMIT OF WORK (TYP.)

PROPOSED TREE PROTECTION (TYP.)

PROPOSED INLET FILTER (TYP.)

PROPOSED SILT FENCE (TYP.)

PROPOSED SOIL STOCKPILE WITH SILT FENCE PROTECTION (TYP.)



FILE NAME: p:\proj\102109601\02_Dwg\CADD\Phase 2A\C-401_Soil Erosion & Sediment Control Plan.dwg PLOT TIME: Wednesday, January 21, 2026 - 4:21 PM BY: Nolan Wilson

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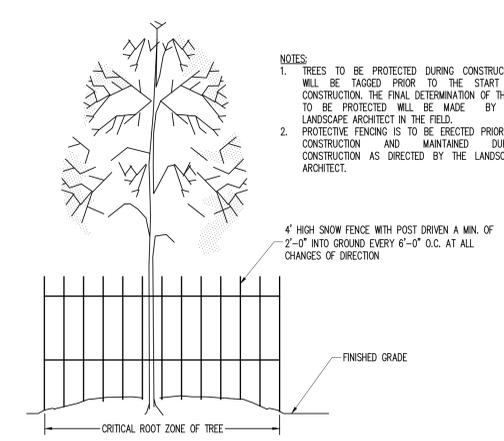
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M. G. McLaren Engineering and Land Surveying P.C. 530 Chestnut Ridge Road West Nyack, New York 10994 T: 201.775.6800 www.kci.com				
PROJECT	FEDEX GROUND EXPANSION PHASE 2A 9 AL FOXIE WAY HAMLET OF BLAUVELT, TOWN OF ORANGETOWN ROCKLAND COUNTY, NEW YORK PARCEL ID: 65.14-1-11.1			
SEAL				
SHEET TITLE	SOIL EROSION & SEDIMENT CONTROL PLAN (PHASE 2A)			
PROJECT NO.	00048859_001			
SCALE	AS SHOWN			
DATE	11/19/2025			
DRAWN BY	NTW/BJV			
CHECKED BY	MJK/JRR			
DRAWING NO.	C-401			
7	OF	12	SHTS	
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SOIL EROSION & SEDIMENT CONTROL NOTES:

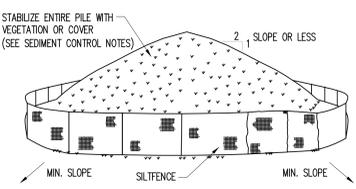
- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED IN ACCORDANCE WITH NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (NYSDEC, DIVISION OF WATER, NOVEMBER 2016) AND SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY (PERMIT NO. GP-0-25-001).
- CONSTRUCTION SHALL BE SEQUENCED IN ACCORDANCE WITH THE CONSTRUCTION SEQUENCE NOTES.
- ANY DISTURBED AREAS THAT ARE LEFT EXPOSED MORE THAN 14 DAYS, AND ARE NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL. THE SEEDING WILL BE DONE IN ACCORDANCE WITH STANDARDS, AS FOLLOWS:
 - FERTILIZER: FERTILIZER SHALL BE APPLIED AT THE RATE OF 14-LBS/1000 S.F. OR 600 LBS/ACRE, USING 5-10-10 OR EQUIVALENT.
 - SEED: ANNUAL RYEGRASS APPLIED AT THE RATE OF 30 LBS./ACRE, OR OTHER SELECT MIXTURE DESCRIBED IN THE STANDARDS.
 - MULCH: SMALL GRAIN STRAW MULCH APPLIED AT A RATE OF 90-LBS/1000 S.F. OR 2 TONS/ACRE, TO BE APPLIED AND ANCHORED ACCORDING TO THE STANDARDS.
- ANY GRADED AREAS NOT SUBJECT TO FURTHER DISTURBANCE OR CONSTRUCTION TRAFFIC SHALL, WITHIN 10 DAYS OF FINAL GRADING, RECEIVE PERMANENT VEGETATIVE COVER IN COMBINATION WITH SUITABLE MULCH AS FOLLOWS:
 - FERTILIZER: FERTILIZER APPLIED AT THE RATE OF 20-LBS/1000 S.F. USING 5-10-10 OR EQUIVALENT SELECT MIXTURE DESCRIBED IN THE STANDARDS.
 - SEED MIXTURE: TO BE PLANTED BETWEEN APRIL 1 AND MAY 15, OR BETWEEN AUGUST 15 AND OCTOBER 15.
 - MULCH: SMALL GRAIN STRAW MULCH APPLIED AT A RATE OF 90-LBS/1000 S.F. OR 2 TONS/ACRE, TO BE APPLIED AND ANCHORED ACCORDING TO THE STANDARDS.
- CUT OR FILL SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED IMMEDIATELY AFTER GRADING.
- EXISTING PAVED ROADWAYS SHALL BE USED FOR CONSTRUCTION ACCESS. PAVED ROADWAYS SHALL BE KEPT CLEAN AT ALL TIMES.
- THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
- ALL STORM DRAINAGE OUTLETS SHALL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
- CONSTRUCTION FENCING SHALL BE USED TO PROTECT EXISTING TREES TO REMAIN, WETLANDS AND OTHER SENSITIVE AREAS.
- IF FOR ANY REASON THE CONSTRUCTION IS HALTED FOR PROTECTED PERIODS, THE CONTRACTOR SHALL STABILIZE THE SELECT MATERIAL BY HYDRO-SEED OR OTHER MEANS, TO THE SATISFACTION OF THE ENGINEER FOR ALL AREAS DENUDE OF VEGETATION.
- STORMWATER FROM DISTURBED AREAS MUST BE PASSED THROUGH A HAYBALE BARRIER OR OTHER CONTROL DEVICE BEFORE BEING DISCHARGED BEYOND DISTURBED AREAS OR DISCHARGED INTO INLETS OR OTHER DRAINAGE SYSTEMS.
- DUST CONTROL - WATER SHALL BE APPLIED BY SPRINKLER OR WATER TRUCK DURING GRADING OPERATIONS TO MINIMIZE SEDIMENT TRANSPORT AND MAINTAIN ACCEPTABLE AIR QUALITY CONDITIONS. REPETITIVE TREATMENTS SHALL BE DONE AS NEEDED UNTIL GRADES ARE STABILIZED.
- THE CONTRACTOR SHALL INSPECT THE EFFECTIVENESS AND CONDITION OF EROSION CONTROL DEVICES DURING STORM EVENTS, AFTER EACH RAINFALL OF ONE-HALF (1/2) INCH MAGNITUDE OR GREATER, PRIOR TO WEEKENDS AND PRIOR TO FORECASTED STORM.
- THE CONTRACTOR SHALL REPAIR OR REPLACE DAMAGED EROSION CONTROL DEVICES IMMEDIATELY, AND IN NO CASE, MORE THAN TWENTY FOUR (24) HOURS AFTER OBSERVING SUCH DEFICIENCIES.
- THE CONTRACTOR SHALL BE PREPARED TO IMPLEMENT INTERIM DRAINAGE CONTROLS AND EROSION CONTROL MEASURES AS MAY BE NECESSARY DURING THE COURSE OF CONSTRUCTION.
- THE CONTRACTOR SHALL MAKE AVAILABLE ONSITE ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY TO EFFECT EMERGENCY EROSION CONTROL AND DRAINAGE IMPROVEMENTS WITHIN TWENTY FOUR (24) HOURS OF ANY IMPENDING EMERGENCY SITUATION.
- ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL FINAL ACCEPTANCE OF THE SITE WORK BY THE OWNER. UPON CERTIFICATION OF FINAL ACCEPTANCE, THE OWNER WILL ASSUME RESPONSIBILITY FOR THE CONTINUED MAINTENANCE OF PERMANENT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.
- THE SOIL EROSION INSPECTOR OR THE NYSDEC OR THE SITE ENGINEER MAY REQUEST ADDITIONAL MEASURES TO MINIMIZE THE POTENTIAL FOR ONSITE OR OFFSITE EROSION PROBLEMS THAT MAY OCCUR DURING CONSTRUCTION.
- ALL STOCKPILE AREAS TO REMAIN MORE THAN 14 DAYS SHALL BE STABILIZED PER NOTE THREE ABOVE. JUTE MATTING OR SPRAY EMISSIONS ARE ACCEPTABLE SUBJECT TO APPROVAL OF THE ENGINEER.

CONSTRUCTION SEQUENCE:

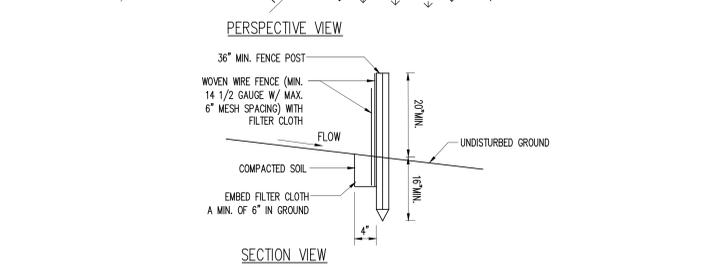
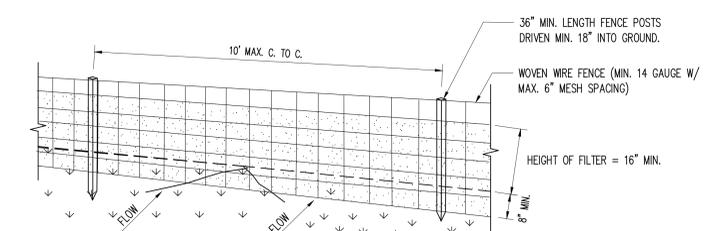
- INSTALL SEDIMENT BARRIERS ADJACENT TO ALL AREAS TO BE DISTURBED. INSTALL STABILIZED CONSTRUCTION ENTRANCE. CONTRACTOR SHALL MAINTAIN A GRAVEL ACCESS ROAD OR PROVIDE FINAL ROAD WITH ASPHALT BASE COURSE STABILIZE ALL SLOPE AREAS IMMEDIATELY UPON COMPLETION. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.
- COMPLETE PARKING LOT AND VAN AND TRAILER SPACES ROUGH GRADING AND BEGIN STORMWATER INSTALLATION. MAINTAIN TEMPORARY MEASURES AND SEDIMENT TRAPS UNTIL STORM INLET SEDIMENT TRAPS ARE ESTABLISHED AND OPERATIONAL. INSTALL INLET AND OUTLET PROTECTION AT DRAINS. ESTABLISH TEMPORARY VEGETATIVE COVER ON DISTURBED AREAS AS REQUIRED AND PERMANENT VEGETATIVE COVER IN AREAS OF NO FURTHER DISTURBANCE. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.
- ESTABLISH PERMANENT VEGETATIVE COVER IN AREAS OF NO FURTHER DISTURBANCE. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.
- REMOVE SEDIMENT BARRIERS AFTER ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.



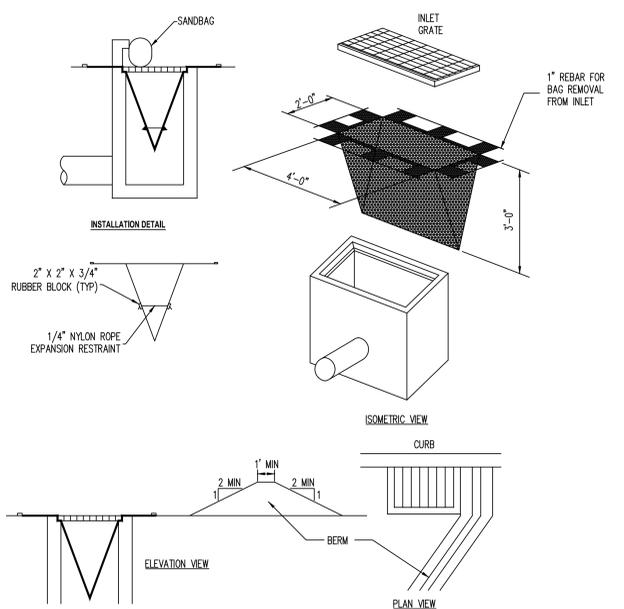
A
C-402
TREE PROTECTION FENCING
N.T.S.



D
C-402
SOIL STOCKPILE
N.T.S.



B
C-402
SILT FENCING
N.T.S.



C
C-402
INLET FILTER
N.T.S.

CONSTRUCTION SPECIFICATIONS:

- NO CONSTRUCTION ACTIVITY IS PERMITTED WITHIN THE PROTECTIVE FENCINGS.
- AS CONSTRUCTION NEARS COMPLETION THE FENCING WILL BE REMOVED AS DIRECTED BY THE LANDSCAPE ARCHITECT.
- AT THE COMPLETION OF CONSTRUCTION ALL TREES WILL BE PRUNED AS NECESSARY TO CORRECT ANY DAMAGES RESULTING FROM CONSTRUCTION ACTIVITY.

CONSTRUCTION SPECIFICATIONS:

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE GAUGE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED FILTER CLOTH SHALL BE EITHER MIRAFI 100X, STABILUNKA 1140N, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOPAR, ENVROFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE AND REPLACED.

NOTES:

- MAXIMUM DRAINAGE AREA = 1/2 ACRE.
- INLET PROTECTION IS NOT REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS REQUIRED FOR ALL INSTALLATIONS.
- EARTHEN BERM SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBBASE BERM SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED.
- SIX INCH MINIMUM HEIGHT ASPHALT BERM SHALL BE MAINTAINED UNTIL ROADWAY SURFACE RECEIVES FINAL COAT.
- DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS

FILE NAME: p:\proj\10210926\10_Dwg\CADD\Phase 2A\C-401_Details.dwg PLOT TIME: Wednesday, January 21, 2026 - 4:21 PM BY:Wade Wilson

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PROJECT NO.	00048859_001
SCALE	AS SHOWN
DATE	11/19/2025
DRAWN BY	NTW/BJV
CHECKED BY	MJK/JRR
DRAWING NO.	C-402
8 OF 12 SHEETS	

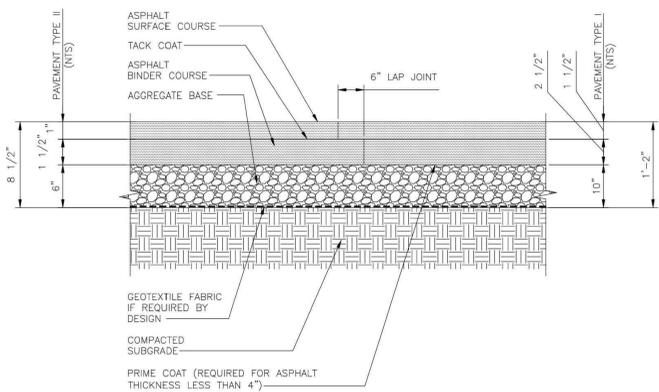
C-402

SOIL EROSION & SEDIMENT CONTROL NOTES & DETAILS

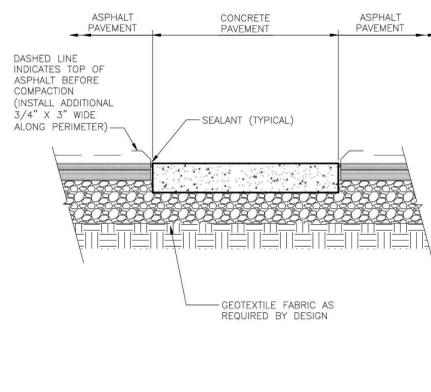
FEDEX GROUND EXPANSION PHASE 2A
9 AL FOXIE WAY
HAMLET OF BLAUVELT, TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK
PARCEL ID: 65.14.14-11.11

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650 Chestnut Ridge Road
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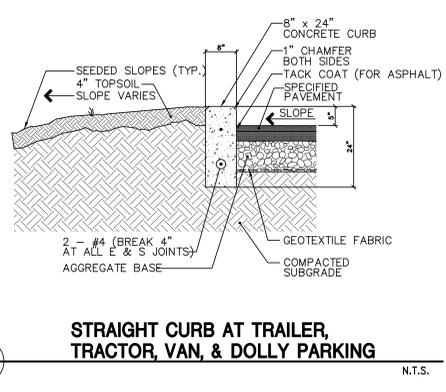
STATE OF NEW YORK
Professional Engineer
No. 094470
Professional Seal



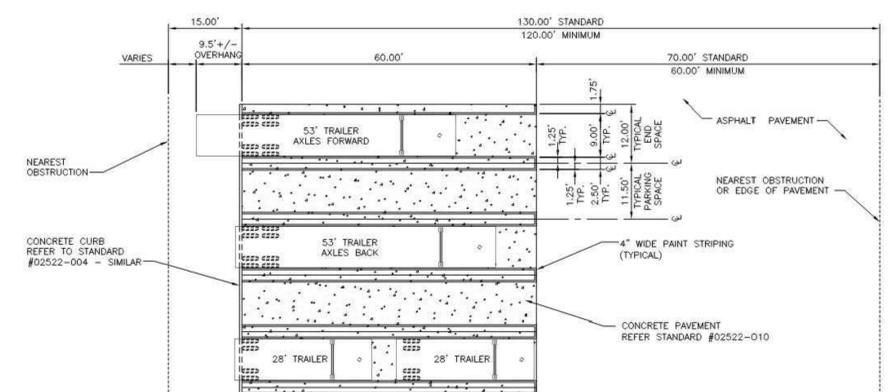
A ASPHALT PAVEMENT (TYPE I & II)
N.T.S.



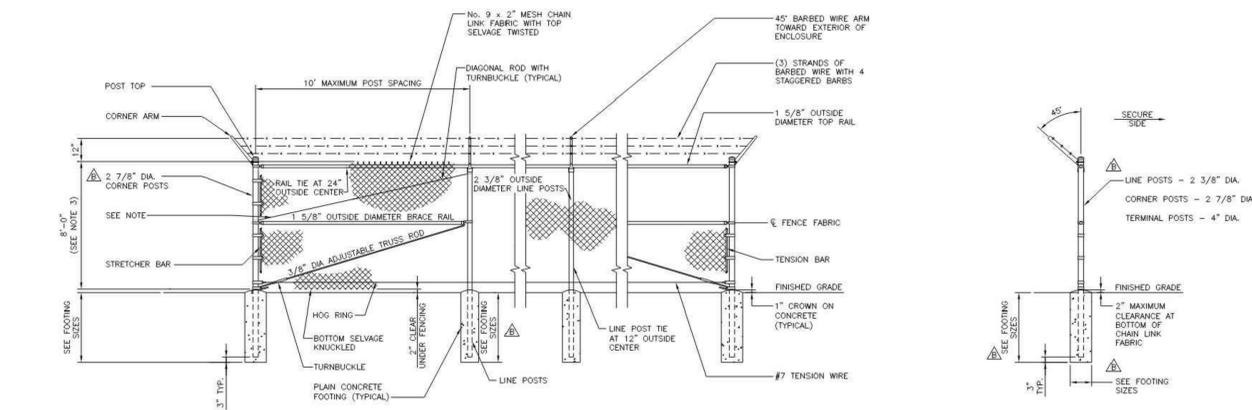
B ASPHALT AT CONCRETE SECTION
N.T.S.



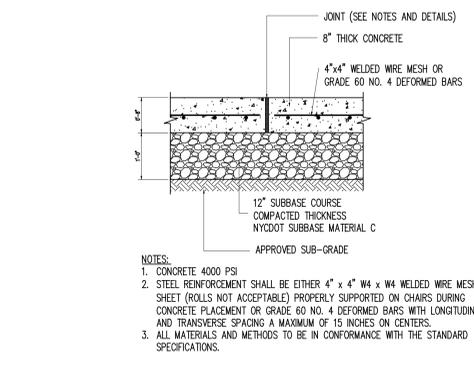
C STRAIGHT CURB AT TRAILER, TRACTOR, VAN, & DOLLY PARKING
N.T.S.



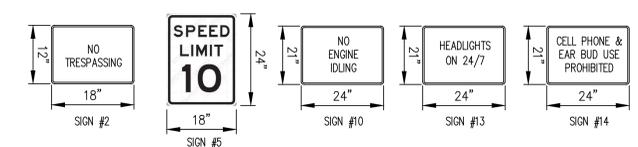
D BACK IN TRAILER PARKING & STRIPING
N.T.S.



E CHAIN LINK FENCE
N.T.S.

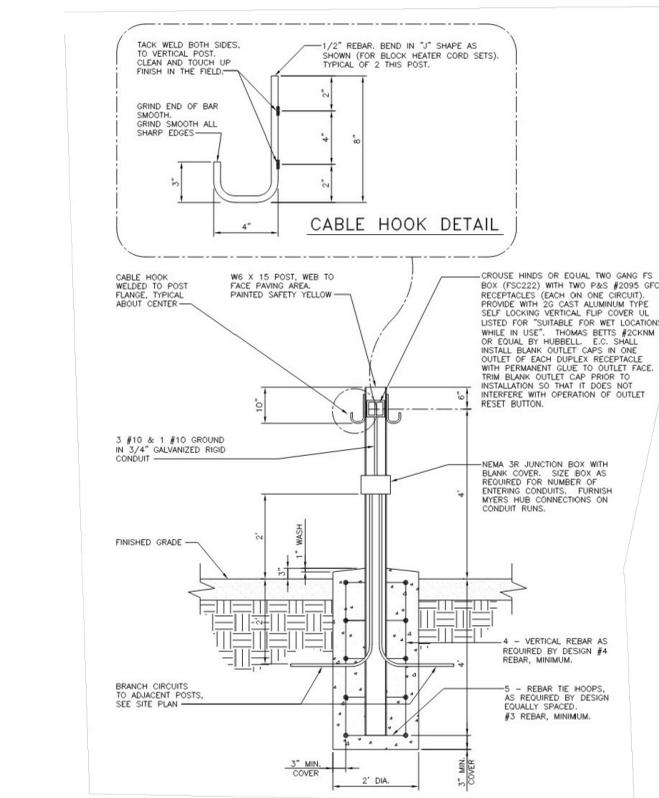


F CONCRETE PAVEMENT
N.T.S.

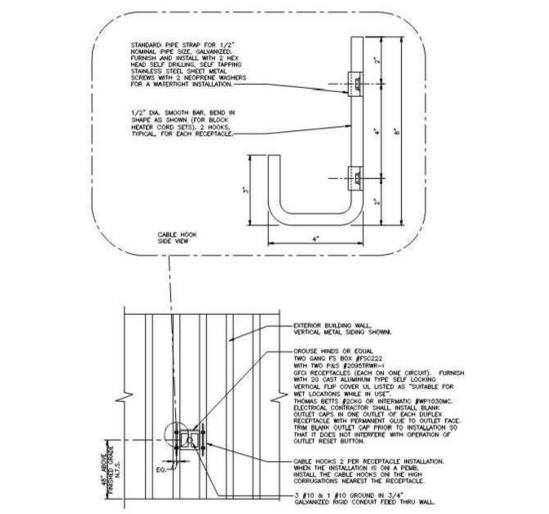


- NOTES FOR SIGNS:**
- ALL SIGNS SHALL CONFORM TO THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSOT), FEDERAL HIGHWAY ADMINISTRATION (FHWA), AND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REQUIREMENTS.
 - APPROVED MANUFACTURERS ARE THE FOLLOWING:
 - IBIS SIGNS
 - TRAFFIC & PARKING CONTROL CO. (TAPCO), INC.
 - ALL SIGNS SHALL BE HIGH INTENSITY PRISMATIC GRADE (HIP_Grade).
 - SIGN #2 SHALL BE INSTALLED AT 100' INTERVALS ALONG SECURITY FENCING AS REQUIRED.

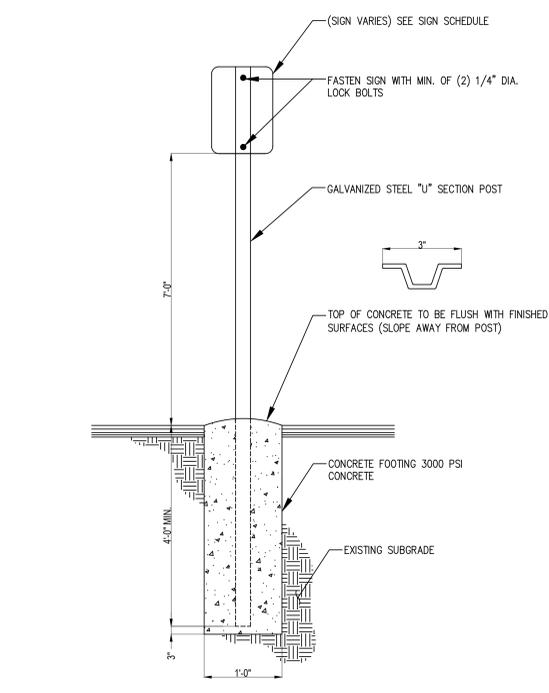
G SIGN DETAILS
N.T.S.



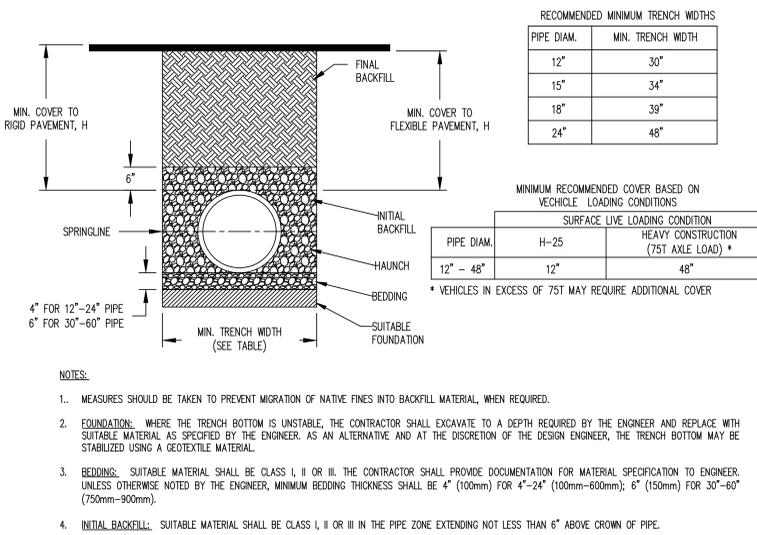
H BLOCK HEATER RECEPTACLE (POLE)
N.T.S.



I BLOCK HEATER RECEPTACLE (MOUNTED)
N.T.S.



J SINGLE POST SIGN MOUNTING DETAIL
N.T.S.



K TRENCH BACKFILL FOR HDPE PIPING
N.T.S.

FILE NAME: p:\proj\10210901\10210901.dwg; CADD Phase 2\10210901.dwg; Date: Wednesday, January 21, 2026 - 4:21 PM BY: Brian Wilson

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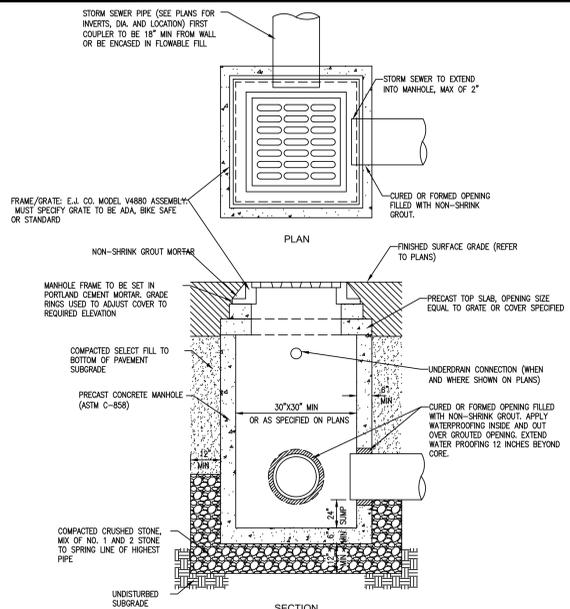
PROJECT: FEDEX GROUND EXPANSION PHASE 2A
9 AL FOXIE WAY
HAMLET OF BLAUVELT, TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK
PARCEL ID: 65.14-1-11.1

PROJECT NO: 00048859.001
SCALE: AS SHOWN
DATE: 11/19/2025
DRAWN BY: NTW/BJV
CHECKED BY: MJK/JRR
DRAWING NO: C-501

DETAILS (1 OF 4)

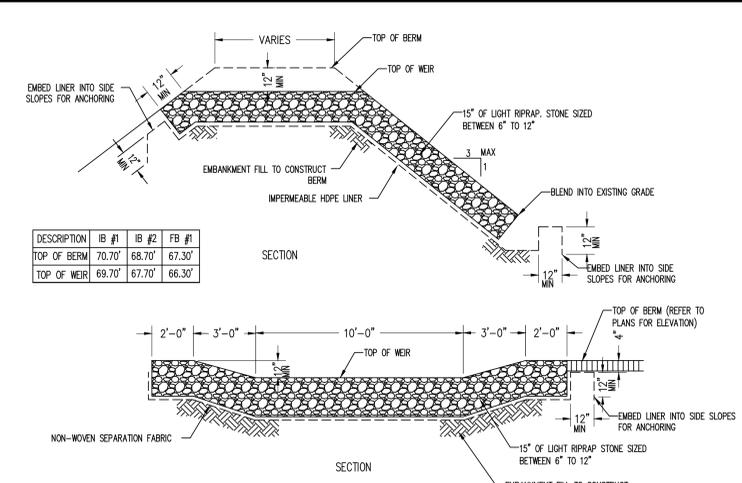
9 OF 12 SHEETS

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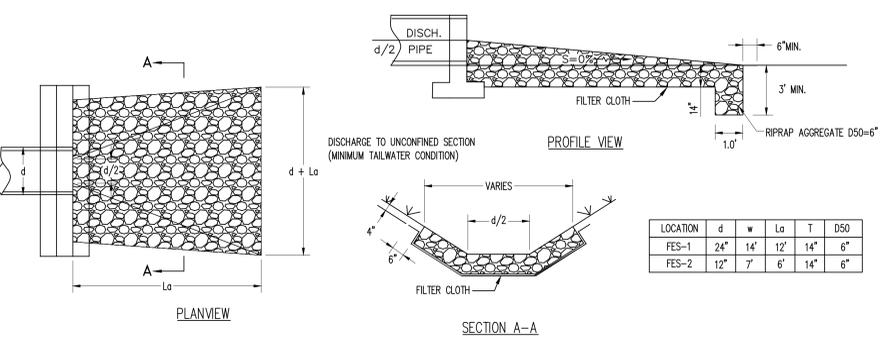


- NOTES:**
1. ALL PRECAST CONSTRUCTION IN ACCORDANCE W/ASTM C478.
 2. CATCH BASIN SHALL BE PRECAST CONCRETE DESIGNED FOR H-20 VEHICULAR LOADING.
 3. FRAME AND GRATE SHALL BE DESIGNED FOR H-20 VEHICULAR LOADING.
 4. CONCRETE CATCH BASIN LID CLEAR OPENING DIMENSION MUST MATCH FRAME AND GRATE CLEAR OPENING DIMENSION.
 5. STRUCTURES HAVING A DEPTH GREATER THAN 4\"/>

A C-502 **DRAINAGE INLET** N.T.S.

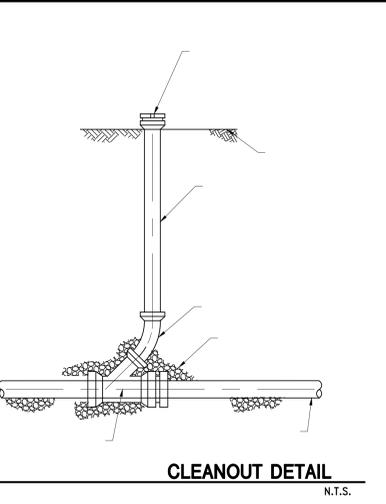


B C-503 **EMERGENCY OVERFLOW SPILLWAY** N.T.S.

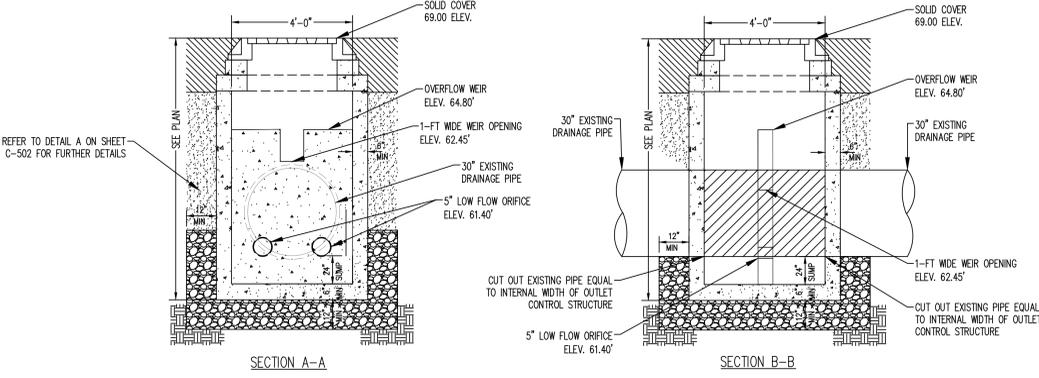
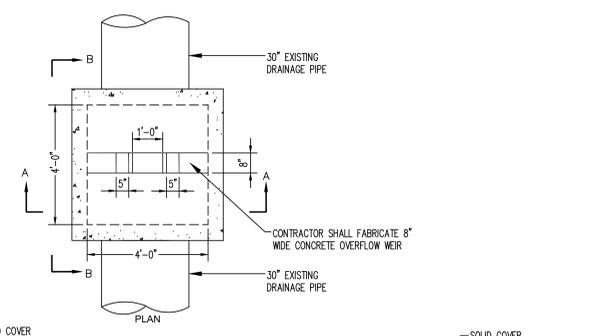


LOCATION	d	w	L	T	D50
FES-1	24"	14"	12'	14"	6"
FES-2	12"	7"	6'	14"	6"

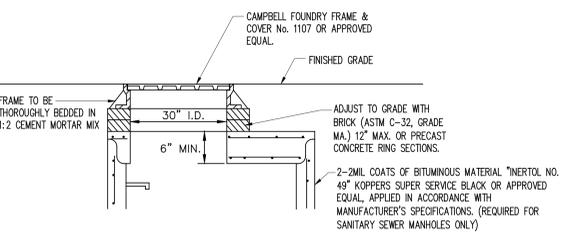
E C-502 **RIP-RAP PROTECTION OUTLET** N.T.S.



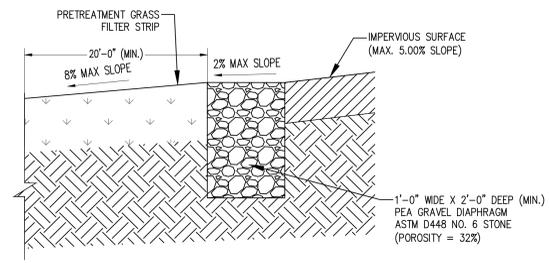
C C-502 **CLEANOUT DETAIL** N.T.S.



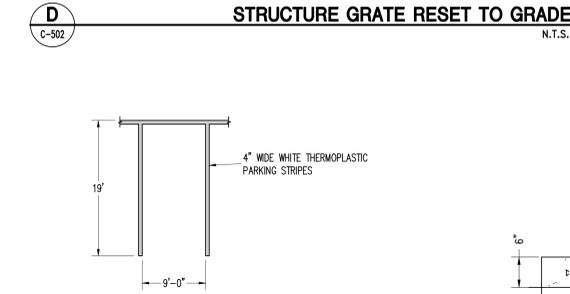
F C-502 **OUTLET CONTROL STRUCTURE FOR EXISTING UNDERGROUND DETENTION** N.T.S.



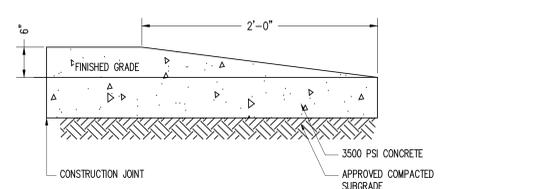
D C-502 **STRUCTURE GRATE RESET TO GRADE** N.T.S.



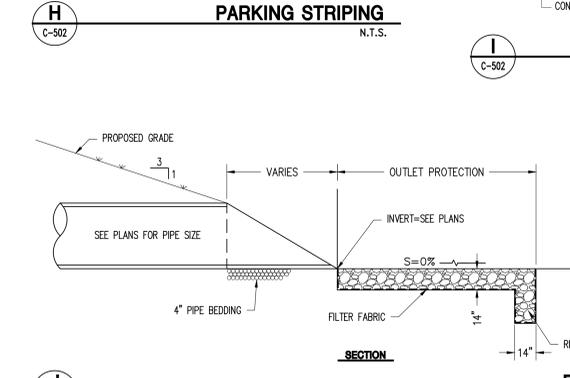
G C-502 **PEA GRAVEL DIAPHRAGM & GRASS FILTER STRIP** N.T.S.



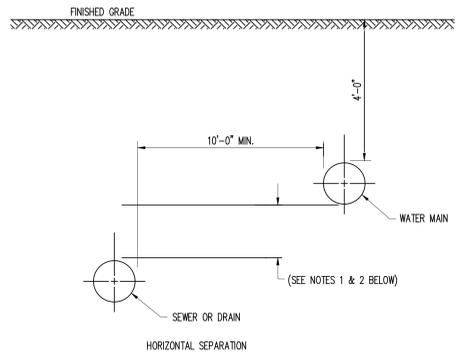
H C-502 **PARKING STRIP** N.T.S.



I C-502 **TRANSITION CURB** N.T.S.



J C-502 **FLARED END SECTION (FES) WITH RIPRAP** N.T.S.



- NOTES (VERTICAL SEPARATION):**
1. NORMAL CONDITIONS
WHENEVER A WATER MAIN MUST CROSS OVER OR UNDER A SEWER OR DRAIN, THE PIPES SHALL BE LAID TO PROVIDE A VERTICAL SEPARATION BETWEEN THEM OF AT LEAST 18 INCHES, AS MEASURED FROM THE BOTTOM OF THE HIGHER PIPE TO THE LOWER PIPE.
 2. UNUSUAL CONDITION
WHEN CONDITIONS PREVENT A VERTICAL SEPARATION OF 18 INCHES, THE SEWER SHALL BE CONSTRUCTED OF MATERIALS AND WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS AND SHALL BE PRESSURE TESTED TO ASSURE WATER TIGHTNESS PRIOR TO BACKFILLING.
 3. WATER MAIN CROSSING UNDER SEWERS
A. VERTICAL SEPARATION OF 18 INCHES MUST BE PROVIDED.
B. ADEQUATE STRUCTURAL SUPPORT MUST BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING.
C. FULL LENGTH OF WATER PIPE MUST BE CENTERED AT THE POINT OF CROSSING; NO JOINTS WILL BE PERMITTED AT THE POINT OF CROSSING.
D. SEWERS MUST BE CONSTRUCTED OF MATERIALS AND WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS AND PRESSURE TESTED.

K C-502 **UTILITY SEPARATION DETAIL** N.T.S.

FILE NAME: p:\proj\10210368\10_Dwg\CADD\Phase 2\DC-501_Detals.dwg PLOT TIME: Wednesday, January 21, 2026 - 4:21 PM BY: WJW:WJW

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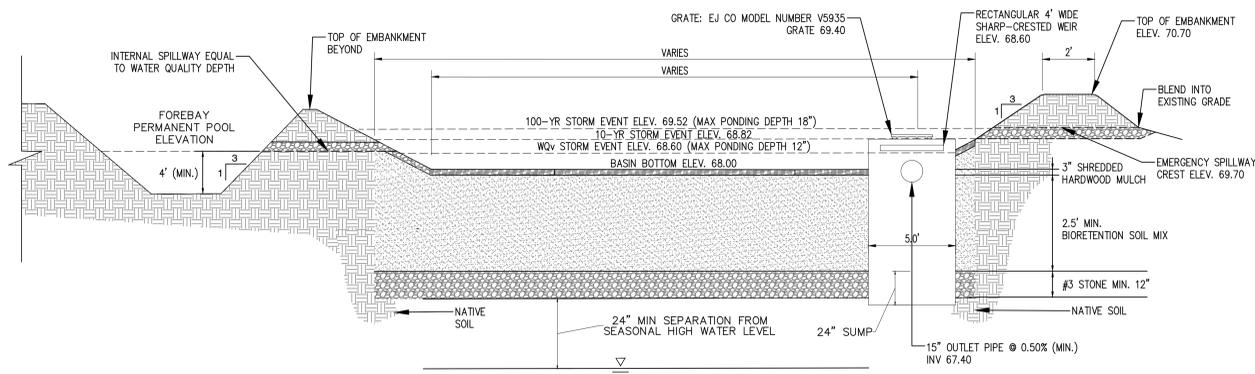
PROJECT NO.	00048859_001
SCALE	AS SHOWN
DATE	11/19/2025
DRAWN BY	NTW/BJV
CHECKED BY	MJK/JRR
DRAWING NO.	
PROJECT	FEDEX GROUND EXPANSION PHASE 2A 9 AL FOXIE WAY HAMLET OF BLAUVELT, TOWN OF ORANGETOWN ROCKLAND COUNTY, NEW YORK PARCEL ID: 65.14-1-11.1
DESIGNER	McLaren A DIVISION OF KCI KCI A Division of KCI 550 Chestnut Ridge Road Roseland, New York 10982 T: 201.776.6000 www.kci.com
DATE	
NO.	
REVISION	
BY	
DATE	
NO.	
REVISION	

DETAILS (2 OF 4)

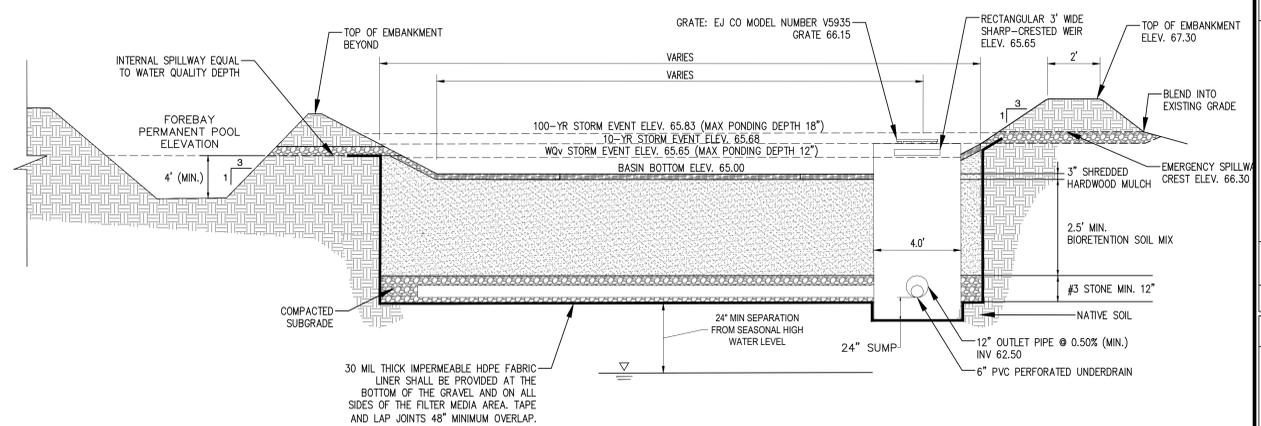
C-502

10 OF 12 SHEETS

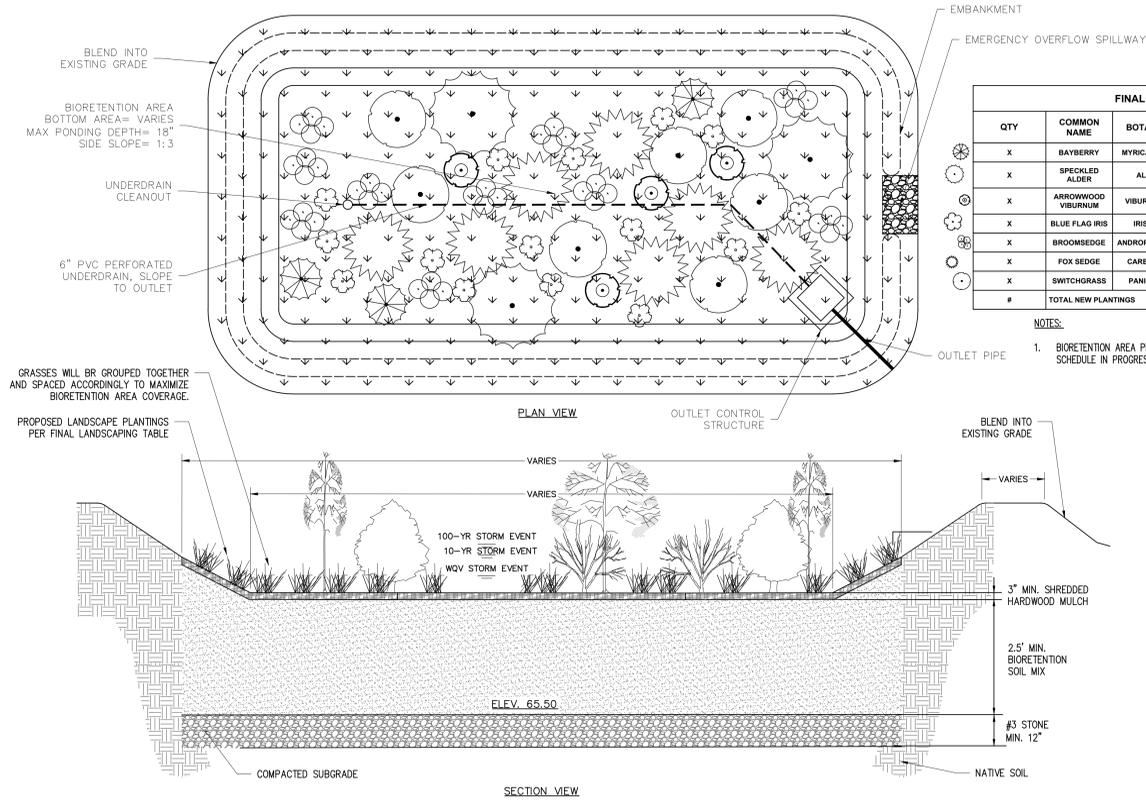
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INFILTRATION BIORETENTION AREA #1 (F-5)
N.T.S.



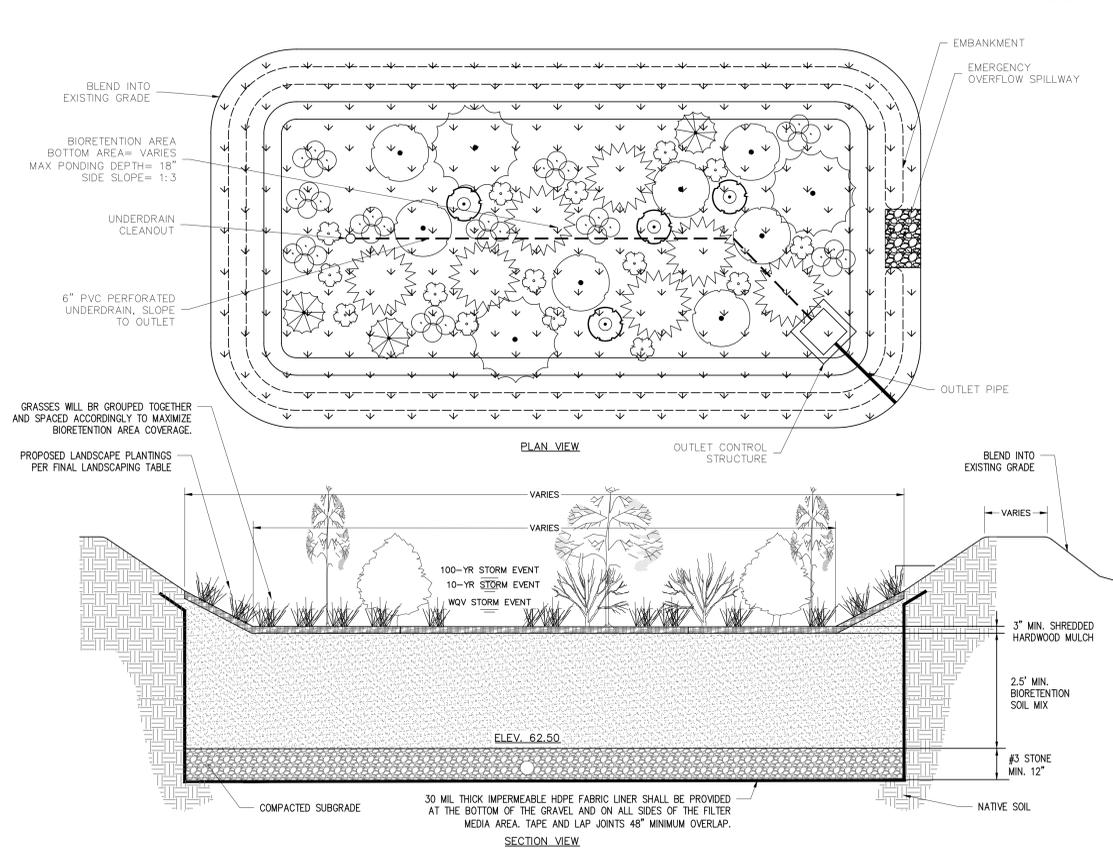
FILTRATION BIORETENTION AREA #1 (F-4)
N.T.S.



INFILTRATION BIORETENTION AREA #1 PLANTING (F-5)
N.T.S.

FINAL PROPOSED LANDSCAPING TABLE						
QTY	COMMON NAME	BOTANICAL NAME	MATURE HEIGHT	PLANTING SIZE	SPACING	PLANTING ZONE
X	BAYBERRY	MYRICA PENSYLVANICA	4' - 8'	#1 CONTAINER	8'-10'	4.5,6
X	SPECKLED ALDER	ALNUS RUGOSA	15'-20'	#3 CONTAINER	12'	3,4
X	ARROWWOOD VIBURNUM	VIBURNUM DENTATUM	6' - 10'	#1 CONTAINER	8'-10'	3,4
X	BLUE FLAG IRIS	IRIS VERSICOLOR	2' - 3'	#1 CONTAINER	2'	2,3
X	BROOMSEDGE	ANDROPOGON VIRGINICUS	2' - 4'	2" PLUG	2'-3'	2,3
X	FOX SEDGE	CAREX VULPINOIDEA	2' - 3'	2" PLUG	6'-12"	2,3
X	SWITCHGRASS	PANICUM VIRGATUM	2'-5'	2" PLUG	12"	2,3,4,5,6
#	TOTAL NEW PLANTINGS					

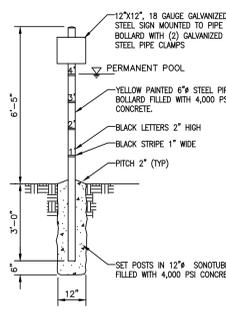
NOTES:
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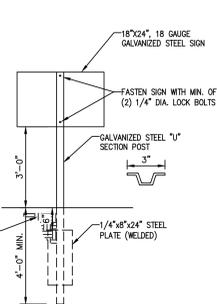
FILTRATION BIORETENTION AREA #1 PLANTING (F-4)
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X	SWITCHGRASS	PANICUM VIRGATUM	2'-5'	2" PLUG	12"	2,3,4,5,6
#	TOTAL NEW PLANTINGS					

NOTES:
1. BIORETENTION AREA PLANTING SCHEDULE IN PROGRESS.



SEDIMENT MARKER
N.T.S.



STORMWATER BASIN SIGN
N.T.S.

FILE NAME: p:\proj\102109601\02\109601\Drawings\210-C-501 Details.dwg PLOT TIME: Wednesday, January 21, 2020 4:21 PM BY: Brian Wilson

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SCALE	AS SHOWN
DATE	11/19/2025
DRAWN BY	NTW/BJV
CHECKED BY	MJK/JRR
DRAWING NO.	C-503
SHEET NO.	11 OF 12 SHEETS

C-503

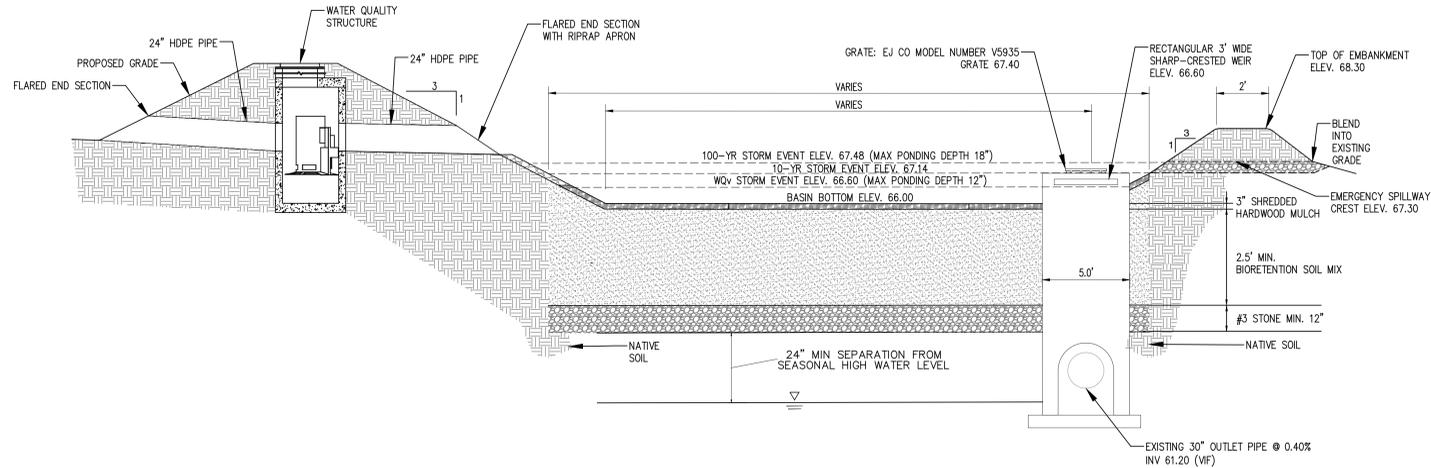
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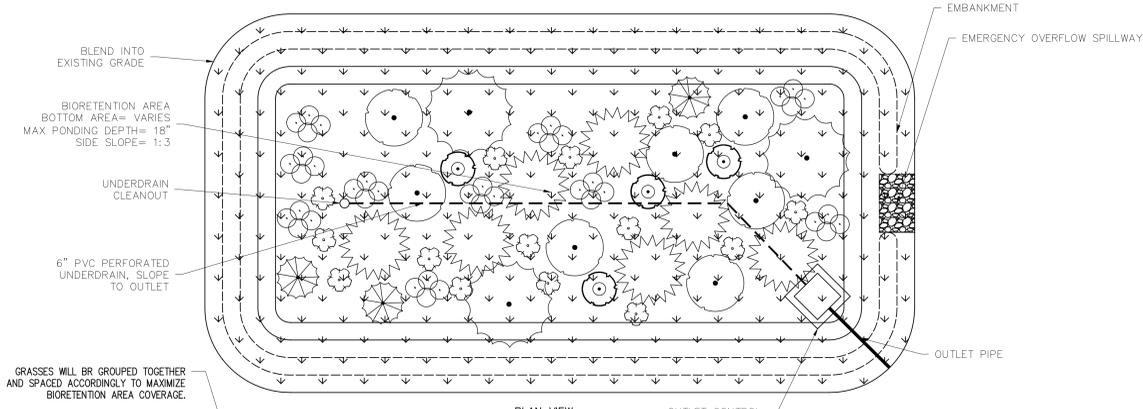
PROJECT: FEDEX GROUND EXPANSION PHASE 2A
9 AL FOXIE WAY
HAMLET OF BLAUVELT, TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK
PARCEL ID: 65.14-1-11.1

DETAILS (3 OF 4)



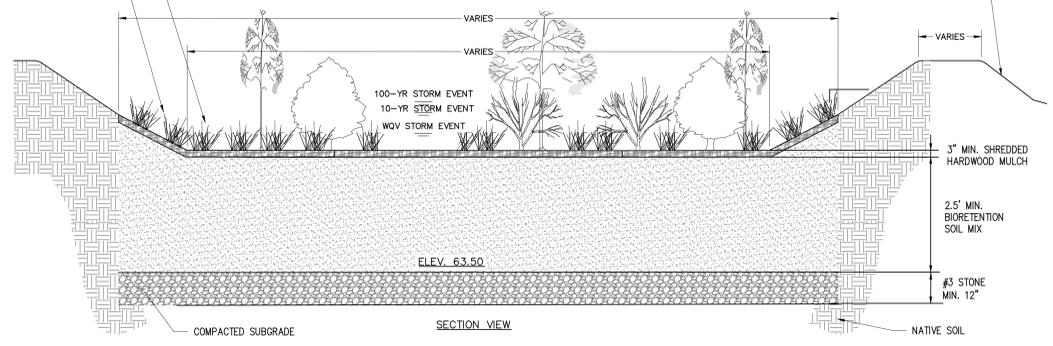
INFILTRATION BIORETENTION AREA #2 (F-5)
N.T.S.

A
C-504



PLAN VIEW

GRASSES WILL BE GROUPED TOGETHER AND SPACED ACCORDINGLY TO MAXIMIZE BIORETENTION AREA COVERAGE.
PROPOSED LANDSCAPE PLANTINGS PER FINAL LANDSCAPING TABLE



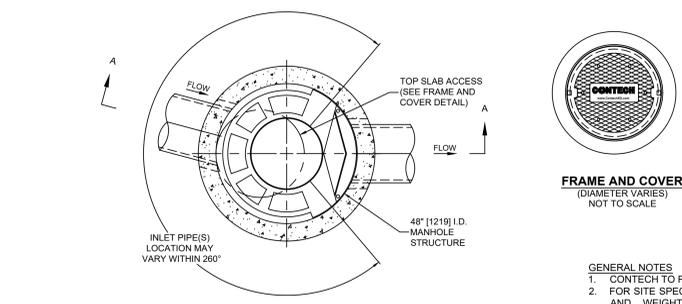
SECTION VIEW

FINAL PROPOSED LANDSCAPING TABLE						
QTY	COMMON NAME	BOTANICAL NAME	MATURE HEIGHT	PLANTING SIZE	SPACING	PLANTING ZONE
X	BAYBERRY	MYRICA PENNSYLVANICA	4'-8'	#1 CONTAINER	5'-10"	4,5,6
X	SPECKLED ALDER	ALNUS RUGOSA	15'-20'	#3 CONTAINER	12'	3,4
X	ARROWWOOD VIBURNUM	VIBURNUM DENTATUM	6'-10'	#1 CONTAINER	8'-10"	3,4
X	BLUE FLAG IRIS	IRIS VERSICOLOR	2'-3'	#1 CONTAINER	2'	2,3
X	BROOMSEDGE	ANDROPOGON VIRGINICUS	2'-4'	2" PLUG	2'-3"	2,3
X	FOX SEDGE	CAREX VULPINOIDEA	2'-3'	2" PLUG	6"-12"	2,3
X	SWITCHGRASS	PANICUM VIRGATUM	2'-5'	2" PLUG	12"	2,3,4,5,6
#	TOTAL NEW PLANTINGS					

NOTES:
1. BIORETENTION AREA PLANTING SCHEDULE IN PROGRESS.

INFILTRATION BIORETENTION AREA #2 PLANTING (F-5)
N.T.S.

C
C-504

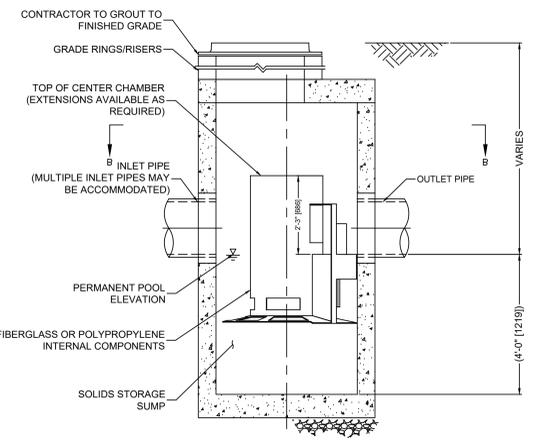


PLAN VIEW B-B
NOT TO SCALE

SITE SPECIFIC DATA REQUIREMENTS			
STRUCTURE ID			
WATER QUALITY FLOW RATE (G/S)			0.34
PEAK FLOW RATE (G/S)			9.46
RETURN PERIOD OF PEAK FLOW (YRS)			100
RIM ELEVATION			71.50
PIPE DATA	INVERT	MATERIAL	DIAMETER
INLET PIPE 1	67.67	HDPE	36"
OUTLET PIPE	67.57	HDPE	24"
NOTES/SPECIAL REQUIREMENTS:			

FRAME AND COVER
(DIAMETER VARIES)
NOT TO SCALE

- GENERAL NOTES
- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
 - FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.conteches.com
 - CASCADE SEPARATOR WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
 - CASCADE SEPARATOR STRUCTURE SHALL MEET AASHTO HS20 LOAD RATING, ASSUMING EARTH COVER OF 2' AND GROUNDWATER ELEVATION AT OR BELOW THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 AND BE CAST WITH THE CONTECH LOGO.
 - CASCADE SEPARATOR STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C478 AND AASHTO LOAD FACTOR DESIGN METHOD.
 - ALTERNATE UNITS ARE SHOWN IN MILLIMETERS [mm].
- INSTALLATION NOTES
- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
 - CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CASCADE SEPARATOR MANHOLE STRUCTURE.
 - CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
 - CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPE(S). MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE OPENING CENTERLINES.
 - CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

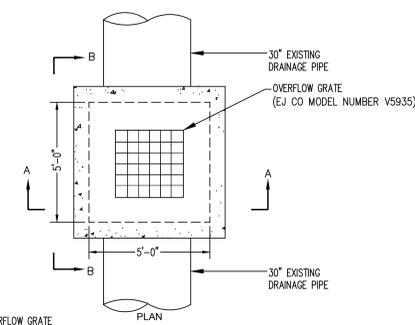


ELEVATION A-A
NOT TO SCALE

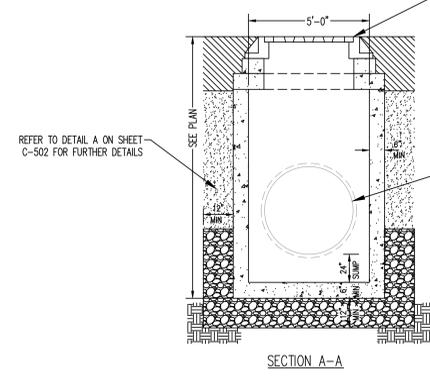
CONTECH CASCADE SEPARATOR 4 (CS-4)
N.T.S.

B
C-504

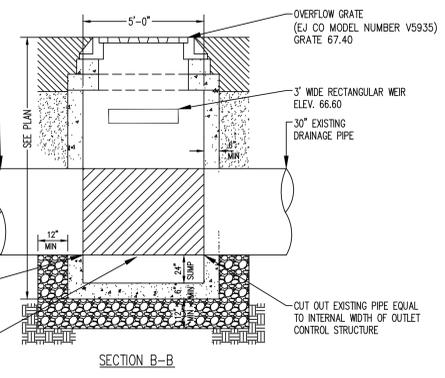
ALL DETAILS SHOWN ON THIS SHEET ARE ASSOCIATED WITH PHASE 2B ONLY AND IS SHOWN FOR SWPPP REVIEW PURPOSES.



PLAN



SECTION A-A



SECTION B-B

OUTLET CONTROL STRUCTURE FOR INFILTRATION BIORETENTION AREA #2
N.T.S.

D
C-504

McLaren
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PROJECT: FEDEX GROUND EXPANSION PHASE 2A
9 AL FOXIE WAY
HAMLET OF BLAUVELT, TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK
PARCEL ID: 65.14-1-11.1

SHEET TITLE: DETAILS (4 OF 4)

PROJECT NO: 00048859_001
SCALE: AS SHOWN
DATE: 11/19/2025
DRAWN BY: NTW/BJV
CHECKED BY: MJK/JRR
DRAWING NO: C-504

12 OF 12 SHEETS

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FILE NAME: p:\proj\102109601\10_Dwg\CADD\Phase 2A\C-504_Details.dwg PLOT TIME: Wednesday, January 21, 2026 - 4:21 PM BY: Wladimir Wilson

WARNING - IT IS A VIOLATION OF NEW YORK STATE EDUCATIONAL LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2