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FINAL SITE PLAN APPLICATION DRAWINGS

FOR

DATABANK ORANGEBURG

2000 CORPORATE DRIVE ORANGEBURG, NY 10962

PROJECT TEAM
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PROPERTY INFORMATION
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SECTION: 73.15 BLOCK: 1 LOT: 19



SITE LOCATION MAP
 Source: 1" = 1000'

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NO.	REVISIONS	DATE	BY
5	ISSUED FOR PLANNING BOARD REVIEW	12/01/22	KH
4	ISSUED FOR ACABOR/PLANNING BOARD REVIEW	09/20/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
2	SITE PLAN SUBMISSION	04/14/22	KH
1	50% DPs	03/29/22	KH
NO.	REVISIONS	DATE	BY

NOT FOR CONSTRUCTION

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DATABANK



KIM PROJECT	112117011	DATE	01-27-2022	SCALE	AS SHOWN	DESIGNED BY:	BMD	DL
		DRAWN BY:		CHECKED BY:				

COVER SHEET

DATABANK ORANGEBURG
 2000 CORPORATE DRIVE
 ORANGEBURG, NY 10962
 TOWN OF ORANGEBURG
 NEW YORK

SHEET NUMBER
C-0.0

GENERAL CONSTRUCTION NOTES

- 1. THE CONTRACTOR AND SUBCONTRACTORS SHOULD BE FAMILIAR WITH ALL STATE AND LOCAL REQUIREMENTS RELATED TO SITE CONSTRUCTION ACTIVITIES PRIOR TO COMMENCING WORK. ALL WORK SHALL CONFORM AS APPLICABLE TO THESE GOVERNING STANDARDS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS. CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS UNLESS OTHERWISE INDICATED. REMOVING TREES, STUMPS, ROOTS, MUCK, EXISTING PAVEMENT AND ALL OTHER DELETERIOUS MATERIAL.
3. EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ENTIRELY ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE COMMENCING ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES. WORK FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 72 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. AN APPROXIMATE LIST OF THE UTILITY COMPANIES WHICH THE CONTRACTOR MUST CALL BEFORE COMMENCING WORK IS PROVIDED ON THE COVER SHEET OF THESE CONSTRUCTION PLANS. THIS LIST SERVES AS A GUIDE ONLY AND IS NOT INTENDED TO LIMIT THE UTILITY COMPANIES WHICH THE CONTRACTOR MAY WANT TO NOTIFY.
5. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, GEOTECHNICAL REPORT AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
7. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER.
8. DURING THE COURSE OF THE WORK, THE CONTRACTOR SHALL MAINTAIN AN ACCURATE RECORD OF ANY AND ALL CHANGES RELATED TO FIELD CONDITIONS, INCLUDING AREAS OF ROCK EXCAVATION. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL FILE WITH THE OWNER A COMPLETE SET OF "AS CONSTRUCTED" DRAWINGS PREPARED BY A NYS LICENSED LAND SURVEYOR SHOWING AND LOCATING ALL FEATURES OF THE WORK AS INSTALLED.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF NEW YORK DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CENTER POINT PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTOR'S RESPONSIBILITY.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR THE PURPOSE OF CERTIFICATION TO JURISDICTIONAL AGENCIES AS REQUIRED. ALL AS-BUILT DATA SHALL BE COLLECTED BY A STATE OF NEW YORK PROFESSIONAL LAND SURVEYOR WHOSE SERVICES ARE ENGAGED BY THE CONTRACTOR.
11. ANY WELL DISCOVERED DURING EARTH MOVING OR EXCAVATION SHALL BE REPORTED TO THE OWNER WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY THE OWNER OF ANY CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.
13. ANY EXISTING UTILITY, WHICH IS TO BE EXTENDED, WHICH IS THE CONNECTION POINT FOR NEW UNDERGROUND UTILITIES, OR WHICH NEW FACILITIES CROSS, SHALL BE EXPOSED BY THE CONTRACTOR PRIOR TO PLACEMENT OF THE NEW UTILITIES. COST OF SUCH EXCAVATION AND SUBSEQUENT BACKFILL SHALL BE INCLUDED IN THE BIDDING PRICE. PAID FOR THE VARIOUS ITEMS OF WORK, THE ELEVATIONS AND LOCATIONS OF THE EXISTING UTILITIES WILL BE CHECKED BY THE PUBLIC WORKS INSPECTOR AND THE ENGINEER. IF IN THE OPINION OF THE INSPECTOR A CONFLICT EXISTS, THEN THE ENGINEER SHALL MAKE ANY NEEDED GRADING AND OR ALIGNMENT ADJUSTMENTS AND REVISE THE PLANS ACCORDINGLY. ALL GRAVITY FLOW PIPELINES TO BE LAID UPGRADE FROM THE LOWEST POINT STARTING AT THE END OF EXISTING IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 24 HOURS PRIOR TO BACKFILLING OF ANY PIPE OR STRUCTURE TO BE LAID. FUTURE PHASE OF CONSTRUCTION FOR INVERT VERIFICATION. TOLERANCE SHALL BE IN ACCORDANCE WITH CITY STANDARD SPECIFICATIONS.
14. WORK OF THIS CONTRACT IS TO INCLUDE, BUT NOT LIMITED TO, DEMOLITION OF EXISTING BUILDING FOUNDATIONS AND OLD UTILITY SYSTEMS, SITE IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, UTILITIES, UTILITY STRUCTURES, ASPHALT AND CONCRETE PAVEMENT, CONCRETE PAVERS, CONCRETE AND GRANITE CURBING, DRIVEWAY APRONS, CONCRETE AND ASPHALT DRAINS, SIDEWALKS, FENCING, RAILINGS, SIGNAGE, SITE LIGHTING, RETAINING WALLS AND MISCELLANEOUS STRUCTURES.
15. HOURS OF CONSTRUCTION ACTIVITY MUST COMPLY WITH THE TOWN OF ORANGETOWN CODE.
16. PRIOR STARTING CONSTRUCTION ALL ACTIVE UTILITIES SHOULD BE IDENTIFIED, MARKED OUT IN THE FIELD, AND SECURED AS NECESSARY.
17. CONTRACTOR IS ALSO TO FAMILIARIZE HIMSELF WITH THE SUBSURFACE EXPLORATIONS AND GEOTECHNICAL REPORTS APPLICABLE TO THE PROJECT. ASSUMED PROVIDED BY OTHERS.
18. INFORMATION GIVEN IN THE SUBSURFACE EXPLORATIONS AND GEOTECHNICAL ENGINEERING REPORTS WAS OBTAINED FOR USE BY THE OWNER IN EXECUTION OF DESIGN. THE SUBSURFACE CONDITIONS DESCRIBED IN THE REPORTS ARE NOT INTENDED AS REPRESENTATIONS OR WARRANTIES OF ACCURACY. THE SUBSURFACE STRATIGRAPHY SHOWN IN THE REPORTS ARE BASED ON NECESSARY INTERPOLATIONS BETWEEN BORINGS AND MAY OR MAY NOT REPRESENT ACTUAL SUBSURFACE CONDITIONS. THE OWNER WILL NOT BE RESPONSIBLE FOR INTERPRETATIONS OR CONCLUSIONS MADE FROM THE DATA IN THE REPORTS BY THE CONTRACTOR.
19. CONDUCT A PRE-CONSTRUCTION CONFERENCE AT THE PROJECT SITE A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO COMMENCING ANY WORK OF THIS CONTRACT. THE MEETING WILL BE ARRANGED BY THE OWNER UPON NOTIFICATION OF THE CONTRACTOR AND IS TO BE ATTENDED BY REPRESENTATIVES OF THE CONTRACTOR, OWNER, CONSTRUCTION MANAGER, GEOTECHNICAL ENGINEER, SITE/CIVIL ENGINEER AND REPRESENTATIVES OF THE TOWN OF ORANGETOWN.
20. ADJOINING PROPERTY OWNERS WILL CONTINUE TO OCCUPY THEIR FACILITIES IMMEDIATELY ADJACENT TO THE PROJECT SITE AND DEMOLITION AREAS. THIS CONTRACTOR MUST CONDUCT HIS OPERATIONS IN SUCH A MANNER AND MAKE ANY ARRANGEMENTS NECESSARY SO THAT THE ADJOINING PROPERTY OWNERS USE OF THEIR FACILITIES WILL NOT BE INTERRUPTED DURING THE COURSE OF THE WORK.
21. PROVIDE NOT LESS THAN SEVENTY-TWO (72) HOURS' NOTICE TO THE OWNER AND ADJACENT PROPERTY OWNERS OF ACTIVITIES THAT WILL AFFECT THEIR RESPECTIVE USE OF THEIR PROPERTY.
22. MAINTAIN ACCESS TO EXISTING WALKWAYS, EXITS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES.
23. DO NOT CLOSE OR OBSTRUCT WALKWAYS, EXITS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT WRITTEN PERMISSION FROM AUTHORITIES HAVING JURISDICTION OR THE AFFECTED PROPERTY OWNER.
24. IT IS NOT EXPECTED THAT HAZARDOUS MATERIALS WILL BE ENCOUNTERED IN THE CONDUCT OF THE WORK. HOWEVER, IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB AND IMMEDIATELY NOTIFY THE OWNER AND CONSTRUCTION MANAGER. HAZARDOUS MATERIALS WILL BE REMOVED BY THE OWNER AND/OR CONTRACTOR UNDER A SEPARATE CONTRACT.
25. REVIEW PROJECT RECORD DOCUMENTS OF EXISTING CONSTRUCTION PROVIDED BY OWNER. OWNER DOES NOT GUARANTEE THAT EXISTING CONDITIONS ARE SAME AS THOSE INDICATED IN PROJECT RECORD DOCUMENTS.
26. THE CONTRACTOR IS RESPONSIBLE FOR ENGAGING A PROFESSIONAL ENGINEER TO PERFORM AN ENGINEERING SURVEY OF THE CONDITION OF ANY REMAINING BUILDING STRUCTURE OR FOUNDATION SYSTEM TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN A STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF ANY PORTION OF THAT STRUCTURE OR ADJACENT STRUCTURES DURING DEMOLITION OPERATIONS.
27. PROVIDE AND MAINTAIN INTERIOR AND EXTERIOR SHORING, BRACING, OR STRUCTURAL SUPPORT TO PRESERVE STABILITY AND PREVENT UNEXPECTED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED.
28. EXISTING UTILITIES, MAINTAIN ACTIVE UTILITY SERVICES INDICATED TO REMAIN AND PROTECT THEM AGAINST DAMAGE DURING DEMOLITION OPERATIONS.
29. DO NOT INTERRUPT EXISTING UTILITIES SERVING BOTH ON SITE AND OFF SITE ADJACENT OCCUPIED OR OPERATING FACILITIES UNLESS AUTHORIZED IN WRITING BY OWNER AND AUTHORITIES HAVING JURISDICTION.
30. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO OWNER AND TO AUTHORITIES HAVING JURISDICTION.
31. PROVIDE AT LEAST SEVENTY-TWO (72) HOURS' NOTICE TO OWNER IF SHUTDOWN OF SERVICE IS REQUIRED DURING CHANGEOVER.
32. TEMPORARY PROTECTION: ERECT TEMPORARY PROTECTION, SUCH AS WALKS, FENCES, RAILINGS, CANOPIES, AND COVERED PASSAGeways, WHERE REQUIRED BY AUTHORITIES HAVING JURISDICTION AND AS INDICATED.
33. PROTECT EXISTING SITE IMPROVEMENTS, APPURTENANCES, AND LANDSCAPING TO REMAIN.
34. PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN.
35. PROVIDE PROTECTION TO ENSURE SAFE PASSAGE OF PEOPLE AROUND BUILDING DEMOLITION AREA AND TO AND FROM OCCUPIED PORTIONS OF ADJACENT BUILDINGS AND STRUCTURES.
36. PROTECT WALLS, WINDOWS, ROOFS, AND OTHER ADJACENT EXTERIOR CONSTRUCTION THAT ARE TO REMAIN AND THAT ARE EXPOSED TO BUILDING DEMOLITION OPERATIONS OR OTHER CONSTRUCTION ACTIVITY.
37. GENERAL: DEMOLISH ALL ITEMS, AS EITHER INDICATED ON THE PLANS OR ENCOUNTERED IN THE FIELD DURING THE WORK. COMPLETELY USE METHODS REQUIRED TO COMPLETE THE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS AND AS FOLLOWS:
38. DO NOT USE CUTTING TORCHES UNTIL WORK AREA IS CLEARED OF FLAMMABLE MATERIALS. MAINTAIN FIRE WATCH AND PORTABLE FIRE-SUPPRESSION DEVICES DURING FLAME-CUTTING OPERATIONS.

- 38. MAINTAIN ADEQUATE VENTILATION WHEN USING CUTTING TORCHES.
39. LOCATE DEMOLITION EQUIPMENT AND REMOVE DEBRIS AND OTHER MATERIALS SO AS NOT TO IMPOSE EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING OF ADJOINING STRUCTURES.
40. ENGINEERING SURVEYS: PERFORM SURVEYS AS THE WORK PROGRESSES TO DETECT HAZARDS THAT MAY RESULT FROM BUILDING DEMOLITION ACTIVITIES.
41. SITE ACCESS AND TEMPORARY CONTROLS: CONDUCT DEMOLITION AND DEBRIS-REMOVAL OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKWAYS, WALKWAYS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
42. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, WALKWAYS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS IF REQUIRED BY AUTHORITIES HAVING JURISDICTION.
43. USE WATER MIST AND OTHER SUITABLE METHODS TO LIMIT SPREAD OF DUST AND DIRT. COMPLY WITH GOVERNING ENVIRONMENTAL-PROTECTION REGULATIONS. DO NOT USE WATER WHEN IT MAY DAMAGE ADJACENT CONSTRUCTION OR CREATE HAZARDOUS OR OBSTRUCTIONAL CONDITIONS, SUCH AS ICE, FLOODING, AND POLLUTION.
44. REMOVE STRUCTURES AND OTHER SITE IMPROVEMENTS INTACT WHEN PERMITTED BY AUTHORITIES HAVING JURISDICTION.
45. CONCRETE: CUT CONCRETE FULL DEPTH AT JUNCTURES WITH CONSTRUCTION INDICATED TO REMAIN, USING POWER-DRIVEN SAW, THEN REMOVE COMPLETE BETWEEN SAW CUTS.
46. MASONRY: CUT MASONRY AT JUNCTURES WITH CONSTRUCTION INDICATED TO REMAIN, USING POWER-DRIVEN SAW, THEN REMOVE MASONRY BETWEEN SAW CUTS.
47. CONCRETE SLABS-ON-GRADE: SAW-CUT PERIMETER OF AREA TO BE DEMOLISHED AT JUNCTURES WITH CONSTRUCTION INDICATED TO REMAIN, THEN BREAK UP AND NEAREST.
48. EQUIPMENT: DISCONNECT EQUIPMENT AT NEAREST FITTING CONNECTION TO SERVICES, COMPLETE WITH SERVICE VALVES. REMOVE AS WHOLE UNITS, COMPLETE WITH CONTROLS.
49. BELOW-GRADE CONSTRUCTION: DEMOLISH EXISTING FOUNDATIONS AND FOOTINGS, FOUNDATION WALLS, WALLS, SLABS AND OTHER BELOW-GRADE CONSTRUCTION THAT IS WITHIN TEN (10) FEET OUTSIDE OF FOOTPRINT INDICATED FOR NEW CONSTRUCTION. ABANDON UTILITY STRUCTURES OUTSIDE THIS AREA.
50. REMOVE BELOW-GRADE CONSTRUCTION TO DEPTHS INDICATED ON THE PLANS.
51. EXISTING BELOW GRADE CONSTRUCTION SHOULD BE REMOVED ENTIRELY FROM BELOW PROPOSED FOUNDATIONS AND THEIR ZONES OF INFLUENCE (IF DETERMINED BY LINES EXTENDING AT LEAST ONE (1) FOOT LATERALLY BEYOND FOOTING EDGES FOR EACH VERTICAL FOOT OF DEPTH) AND EXCAVATED TO AT LEAST TWO (2) FEET BELOW PROPOSED FOUNDATION AND SURVEYOR SHOWING AND LOCATING ALL FEATURES OF THE WORK AS INSTALLED.
52. FOUNDATION AND SLABS MAY REMAIN IN PLACE BELOW THESE DEPTHS BELOW GROUND SUPPORTED SLABS, PAVEMENTS AND LANDSCAPE AREAS, PROVIDED THEY ARE APPROVED BY THE GEOTECHNICAL ENGINEER AND DO NOT INTERFERE WITH FUTURE CONSTRUCTION (INCLUDING UTILITIES); HOWEVER, IF EXISTING SLAB OR STRUCTURE TO REMAIN SHOULD BE THOROUGHLY BROKEN UP TO ALLOW VERTICAL DRAINAGE OF INFILTRATING WATER.
53. EXISTING UTILITIES: ABANDON EXISTING UTILITIES AND BELOW-GRADE UTILITY STRUCTURES. CUT UTILITIES FLUSH WITH GRADE.
54. EXISTING UTILITIES: DEMOLISH EXISTING UTILITIES AND BELOW-GRADE UTILITY STRUCTURES THAT ARE WITHIN TEN (10) FEET OUTSIDE OF FOOTPRINT INDICATED FOR NEW CONSTRUCTION. ABANDON UTILITIES OUTSIDE THIS AREA.
55. FILL ABANDONED UTILITY STRUCTURES AND PIPING WITH EITHER LEAN CONCRETE OR SATISFACTORY SOIL MATERIALS APPROVED BY THE OWNER OR GEOTECHNICAL ENGINEER.
56. EXISTING UTILITIES: DEMOLISH AND REMOVE EXISTING UTILITIES AND BELOW-GRADE UTILITY STRUCTURES.
57. SITE DRAINAGE: SITE SOILS MAY SOFTEN WHEN EXPOSED TO WATER. EVERY EFFORT MUST BE MADE TO MAINTAIN DRAINAGE OF SURFACE WATER RUNOFF AWAY FROM CONSTRUCTION AREAS AND OPEN EXCAVATIONS BY GRADING AND LIMITING THE EXPOSURE OF EXCAVATIONS AND PREPARED SUBGRADES TO RAINFALL.
58. BELOW-GRADE AREAS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM BUILDING DEMOLITION OPERATIONS WITH SATISFACTORY SOIL MATERIALS APPROVED BY THE OWNER AND/OR GEOTECHNICAL ENGINEER.
59. SITE GRADING: UNIFORMLY ROUGH GRADE AREA OF DEMOLISHED CONSTRUCTION TO A SMOOTH SURFACE, FREE FROM IRREGULAR SURFACE CHANGES. PROVIDE A SMOOTH TRANSITION BETWEEN ADJACENT EXISTING GRADES AND NEW GRADES.
60. SEPARATE RECYCLABLE DEMOLISHED MATERIALS FROM OTHER DEMOLISHED MATERIALS TO THE MAXIMUM EXTENT POSSIBLE. RECYCLABLE DEMOLISHED MATERIALS BY TYPE.
61. PROVIDE CONTAINERS OR OTHER STORAGE METHOD APPROVED BY ARCHITECT FOR CONTROLLING RECYCLABLE MATERIALS UNTIL THEY ARE REMOVED FROM PROJECT SITE.
62. STOCKPILE PROCESSED MATERIALS ON-SITE WITHOUT INTERMIXING WITH OTHER MATERIALS. PLACE, GRADE, AND SHAPE STOCKPILES TO DRAIN SURFACE WATER. COVER TO PREVENT WINDBLOWN DUST.
63. STOCKPILE MATERIALS IN DESIGNATED AREAS SHOWN ON THE PLANS OR AS APPROVED IN THE FIELD BY THE OWNER OR CONSTRUCTION MANAGER.
64. IF RECYCLABLE MATERIAL CANNOT BE USED ON-SITE, THE CONTRACTOR SHALL TRANSPORT THE RECYCLABLE MATERIALS OFF OWNER'S PROPERTY AND LEGALLY DISPOSE OF THEM AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH THE SWP.
65. DEMOLITION MATERIAL, FREE OF ENVIRONMENTAL CONCERNS, AND APPROVED BY NYSDEC, MAY BE USED AS FILL MATERIAL PROVIDED THE MATERIAL IS PROPERLY SEGREGATED AND PROCESSED AS FOLLOWS AND APPROVED FOR REUSE ON THE SITE BY THE GEOTECHNICAL ENGINEER.
66. CONCRETE MASONRY MATERIALS SHOULD BE CRUSHED TO A WELL GRADED BLEND WITH A MAXIMUM SIZE OF THREE (3) INCHES IN DIAMETER PER EARTHWORK SPECIFICATIONS.
67. MILLED OR RECYCLED ASPHALT PAVEMENT (RAP) MAY BE REUSED AS GRANULAR BASE MATERIAL FOR PAVEMENTS PROVIDED THAT THE RAP PARTICLE SIZE MEETS THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR GRANULAR BASE AND NO MORE THAN FIFTY (50) PERCENT OF THE PAVEMENT GRANULAR BASE CONTAINS RAP.
68. OTHER ASPHALTIC MATERIALS AND DELETERIOUS BUILDING MATERIALS SUCH AS WOOD, INSULATION, METAL, SHINGLES, ETC. SHOULD NOT BE REUSED FOR FILL OR BACKFILL.
69. EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE RECYCLED, REUSED, SALVAGED, REINSTALLED, OR OTHERWISE INDICATED TO REMAIN OWNER'S PROPERTY, REMOVE DEMOLISHED MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN EPA-APPROVED LANDFILL.
70. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
71. BURNING: ON SITE BURNING OF RUBBISH AND OTHER DEMOLITION DEBRIS WILL NOT BE PERMITTED.
72. DISPOSAL: TRANSPORT DEMOLISHED MATERIALS OFF OWNER'S PROPERTY AND PROVIDE FOR THE LEGAL OFF SITE DISPOSAL OF THE MATERIAL IN ACCORDANCE WITH THE SWP.
73. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY BUILDING DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE BUILDING DEMOLITION OPERATIONS BEGAIN.
74. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE OWNER WITH A SURVEY PREPARED BY A NYS LICENSED LAND SURVEYOR SHOWING THE LOCATION AND THE ELEVATIONS TO WHICH THE DEMARCATION BARRIER IS INSTALLED.
75. THE CONTRACTOR IS TO NOTE THAT THE WORK OF THIS CONTRACT WILL INCLUDE WORK BY OTHERS AND THE CONTRACTOR SHALL COORDINATE HIS WORK AND MAKE EVERY REASONABLE EFFORT TO PERMIT THE EXECUTION OF SUCH WORK BY OTHERS WITHOUT DELAY.
76. IF TEMPORARY UTILITY SERVICES ARE REQUIRED THE CONTRACTOR SHALL SEE TO IT THAT THEY ARE PROVIDED AT NO ADDITIONAL COST TO THE OWNER AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN SUCH TEMPORARY FACILITIES FOR THE DURATION OF THEIR WORK.
77. ALL WORK OF THIS CONTRACT SHALL CONFORM TO THESE CONTRACT DRAWINGS AND SPECIFICATIONS AS WELL AS TO THE APPLICABLE REQUIREMENTS OF THE TOWN OF ORANGETOWN BUILDING, PUBLIC WORKS, AND FIRE DEPARTMENTS, AS WELL AS THE COGNIZANT PUBLIC UTILITY COMPANIES.
78. ALL PROJECT RELATED LINES AND GRADES ARE TO BE ESTABLISHED BY A LICENSED SURVEYOR REGISTERED TO PRACTICE IN THE STATE OF NEW YORK.
79. SIZES OF EXISTING UTILITY LINES ARE TO BE VERIFIED IN THE FIELD BY CAREFUL TEST EXCAVATIONS BY THE CONTRACTOR PRIOR TO STARTING THE WORK. ANY SUBSTANTIVE VARIATIONS FROM THE SURVEY DATA PROVIDED ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER SO THAT APPROPRIATE DESIGN MODIFICATIONS MAY BE MADE.
80. CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE EXISTING DRAINAGE OR UTILITY SYSTEMS WITHIN OR ADJACENT TO THE WORK SHOWN ON THESE DRAWINGS. ANY DAMAGE CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL IMMEDIATELY BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE AND TO THE SATISFACTION OF THE OWNER OR UTILITY COMPANY INVOLVED.
81. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL TRADES REQUIRED BY THE CONTRACT WORK AND SHALL OBTAIN ALL REQUIRED BONDS, PERMITS, ETC. REQUIRED FOR THE EXECUTION OF THE WORK AND CONFORM THE WORK WITH ALL APPLICABLE CODES, RULES AND REGULATIONS OF THE GOVERNING AGENCIES. THE CONTRACTOR IN ACCORDANCE WITH NEW YORK STATE LAW (CODE RULE 53) SHALL BE RESPONSIBLE FOR NOTIFYING THE APPROPRIATE UTILITY COMPANY OR AGENCY PRIOR TO COMMENCING ANY EXCAVATION WORK AND SHALL NOTIFY THE "CALL BEFORE YOU DIG" HOTLINE @ 1-800-862-7622 PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES.
82. SAFE AND ADEQUATE PEDESTRIAN AND VEHICULAR TRAFFIC FLOW SHALL BE MAINTAINED AT ALL TIMES TO THE ADJACENT BUILDINGS WHILE THE WORK IS PROGRESSING. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL OF THE OWNER A CONSTRUCTION SEQUENCE SCHEDULE AND PLAN FOR PEDESTRIAN AND VEHICULAR TRAFFIC FLOW.
83. ALL UNPAVED AREAS WITHIN THE WORK AREAS AND ALL AREAS DISTURBED DURING CONSTRUCTION ARE TO BE STABILIZED IN ACCORDANCE WITH THE NYSDEC APPROVED STORMWATER POLLUTION PREVENTION PLAN UNLESS OTHERWISE DIRECTED BY THE OWNER. TURBED AREAS, DISTURBED BY GRADING AND OTHER WORK OF CONTRACTOR, SHALL BE BROUGHT TO THE PROPER SUBGRADE ELEVATION, TOPSOIL TO A MINIMUM DEPTH OF 4 INCHES SHALL BE PLACED AND, DRIVING, FERTILIZING AND SEEDING ACCOMPLISHED AS SPECIFIED. THE CONTRACTOR SHALL WATER AND MAINTAIN THE SEEDD AREAS UNTIL THEY HAVE BECOME WELL ESTABLISHED.

- 101. EXISTING PAVEMENT WHICH IS TO REMAIN AND WHICH IS REMOVED OR DAMAGED DURING THE CONSTRUCTION WORK OF THIS CONTRACT IS TO BE RESTORED TO ITS ORIGINAL CONDITION.
102. UNLESS OTHERWISE SHOWN HEREON OR DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL MATCH THE MATERIALS, TYPES, THICKNESS AND QUALITY OF EXISTING BITUMINOUS CONCRETE PAVEMENTS, WALKWAYS AND CURBS WITH THE PUBLIC RIGHT-OF-WAY WHICH ARE TO BE REPLACED.
103. AS A REFERENCE STANDARD ALL WORK CONTAINED HEREIN SHALL BE GOVERNED BY THE REQUIREMENTS SET FORTH IN THE "STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS" AS PUBLISHED BY THE NYSOT, DESIGN AND CONSTRUCTION DIVISION, DATED JANUARY 2, 2002, INCLUDING ALL LATEST AMENDMENTS THERETO.
104. AT NO TIME SHALL ANY EXCAVATED AREAS BE LEFT UNATTENDED UNLESS APPROPRIATE MARKING AND BARRICADING IS EMPLOYED.
105. WITH REGARD TO EXISTING UTILITIES TO REMAIN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL EXISTING UTILITY VALVES, MANHOLE FRAMES, COVERS, RNIS, INVERTS AND HYDRANTS TO MEET NEW FINISH GRADE OR AS OTHERWISE REQUIRED TO FUNCTION PROPERLY.
106. CONTRACTOR SHALL REVIEW PLANS FROM SITE PREPARATION AND SITE PACKAGE CONTRACT AND FAMILIARIZE THEMSELVES WITH PREVIOUS SCOPE OF WORK.
107. CONTRACTOR SHALL LIMIT ACTIVITIES IN AREAS OF DEVELOPMENT THAT ARE OCCUPIED.

PAVING, GRADING AND DRAINAGE NOTES

- 1. CONTRACTOR SHALL MAINTAIN GRADES AT ENTRANCES TO PHASE 2 CONSTRUCTION.
2. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN JURISDICTION'S RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL OR COUNTY SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR NEW YORK STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS.
3. ALL UNPAVED AREAS IN EXISTING RIGHTS-OF-WAY DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND REPAIRED TO EXISTING CONDITION OR BETTER.
4. TRAFFIC CONTROL ON ALL NYSOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHWA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
5. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHOUTS WHERE THEY OCCUR AFTER EVERY RAINFALL UNTIL AN ADEQUATE STABILIZATION OCCURS.
6. ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE COVERED WITH TOPSOIL AND SEED AS INDICATED ON THE LANDSCAPE PLAN.
7. ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.
8. WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.
9. WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.
10. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE CLEANED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
11. DEWATERING DISCHARGE WILL NOT BE PERMITTED TO DISCHARGE INTO OPEN GROUND. IT SHALL BE TREATED AND DISCHARGED INTO THE COUNTY SEWER PERMIT TO BE COORDINATED BY THE OWNER.
12. STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED. IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPED AREAS BUT ONLY AS DIRECTED BY THE OWNER.
13. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION.
14. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS. THE AREAS SHALL THEN BE STABILIZED BY MEANS AND METHODS APPROVED BY THE AUTHORITY HAVING JURISDICTION. ANY AREAS DISTURBED FOR ANY REASON SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. ALL EARTHEN AREAS WILL BE COVERED WITH ROCK OR MULCHED AS SHOWN ON THE LANDSCAPE PLAN.
15. ALL CUT OR FILL SLOPES SHALL BE 3:1 (HORIZONTAL) : 1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.

- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
17. THE CONTRACTOR SHALL TAKE ALL REQUIRED MEASURES TO CONTROL TURBIDITY, INCLUDING BUT NOT LIMITED TO THE INSTALLATION OF TURBIDITY BARRIERS AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSPORTING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY BARRIERS MUST BE MAINTAINED IN EFFECTIVE CONDITION AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THEREAFTER, THE CONTRACTOR MUST REMOVE THE BARRIERS. AT NO TIME SHALL THERE BE ANY OFF-SITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS OF THE GOVERNING CODE.
18. EXPOSED SLOPES SHOULD BE STABILIZED WITHIN 48 HOURS OF COMPLETING FINAL GRADING, AND AT ANY OTHER TIME AS NECESSARY, TO PREVENT EROSION, SEDIMENTATION OR TURBID CHARGES.
19. THE CONTRACTOR MUST REVIEW AND MAINTAIN A COPY OF THE REQUIRED PERMITS COMPLETE WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS AND PERMIT MODIFICATIONS IN GOOD CONDITION AT THE CONSTRUCTION SITE. THE COMPLETE PERMIT MUST BE AVAILABLE FOR REVIEW UPON REQUEST BY GOVERNING JURISDICTIONS.
20. THE CONTRACTOR SHALL ENSURE THAT ISLAND PLANTING AREAS AND OTHER PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDESIRABLE MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND PROPERLY DISPOSED OF IN A LEGAL MANNER.
21. THE CONTRACTOR SHALL INSTALL ALL UNDERGROUND STORM WATER PIPING PER MANUFACTURERS' RECOMMENDATIONS.

BUILDING AND SAFETY DIVISION NOTES

- 1. FILL TO BE COMPACTED TO NOT LESS THAN 90% OF MAXIMUM DENSITY AS DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D1557.
2. FIELD DENSITY WILL BE DETERMINED BY THE SAND-CONE METHOD A.S.T.M. 1556-07 AND/OR NUCLEAR DENSITY GAUGE METHOD A.S.T.M. 2922-07. IN THE GRADED, COHESIVE SOILS, FIELD DENSITY MAY BE DETERMINED BY THE DRIVE-CYLINDER METHOD D2937 AS A.T.M. PROVIDED NOT LESS THAN 20% OF THE REQUIRED DENSITY TESTS, UNIFORMLY DISTRIBUTED, ARE BY THE SAND-CONE METHOD. THE METHOD OF DETERMINING FIELD DENSITY SHALL BE SHOWN IN THE COMPACTION REPORT. OTHER METHODS MAY BE USED IF RECOMMENDED BY THE SOILS ENGINEER AND APPROVED IN ADVANCE BY THE BUILDING OFFICIAL.
3. NOT LESS THAN ONE FIELD DENSITY TEST WILL BE MADE FOR EACH TWO-FOOT VERTICAL LIFT OF FILL NOR LESS THAN ONE SUCH TEST FOR EACH 1,000 CUBIC YARDS OF MATERIAL PLACED UNLESS OTHERWISE RECOMMENDED BY THE SOILS ENGINEER.
4. NO FILL TO BE PLACED UNTIL STRIPPING OF VEGETATION, REMOVAL OF UNSUITABLE SOILS AND INSTALLATION OF SUBDRAINS (IF ANY) HAS BEEN INSPECTED AND APPROVED BY THE SOILS ENGINEER.
5. NO ROCK OR SIMILAR MATERIAL GREATER THAN 8" IN DIAMETER WILL BE PLACED IN THE FILL UNLESS RECOMMENDATIONS FOR SUCH PLACEMENT HAVE BEEN SUBMITTED BY THE SOILS ENGINEER IN ADVANCE AND APPROVED BY THE BUILDING OFFICIAL.
6. FINISH GRADING WILL BE COMPLETED AND APPROVED BEFORE OCCUPANCY OF BUILDINGS.
7. SEE GRADING PLANS FOR EARTHWORK VOLUMES.
8. FILL SLOPES SHALL NOT BE STEEPER THAN 2:1.
9. DENSITY TESTS WILL BE MADE AT POINTS APPROXIMATELY ONE FOOT BELOW THE FILL SURFACE. ONE TEST WILL BE MADE FOR EACH 1,000 SQ. FT. OF SLOPE SURFACE, BUT NOT LESS THAN ONE TEST FOR EACH 10 FT. VERTICAL OF SLOPE HEIGHT UNLESS OTHERWISE RECOMMENDED BY THE SOILS ENGINEER.
10. ALL PADS AT ROUGH GRADING WILL HAVE A MINIMUM SLOPE OF 1% TOWARDS THE STREET OR DESIGNATED DRAINAGE OUTLET.
11. APPROVAL OF THIS PLAN BY THE LOCAL OR ORANGETOWN BUILDING, ZONING, PLANNING, ADMINISTRATION AND ENFORCEMENT DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THE PROTECTION OF ALL UTILITIES WITHIN THE LIMITS OF THIS PROJECT.
12. FILLS SHALL BE BENCHED IN ACCORDANCE WITH APPROVED GEOTECHNICAL REPORT.
13. ALL TRENCH BACKFILLS SHALL BE TESTED AND CERTIFIED BY THE SITE SOILS ENGINEER PER THE GRADING CODE.
14. ALL CUT SLOPES SHALL BE INVESTIGATED BOTH DURING AND AFTER GRADING BY AN ENGINEERING GEOLOGIST TO DETERMINE IF ANY SLOPE STABILITY PROBLEM EXISTS. SHOULD EXCAVATION DISCLOSE ANY GEOLOGICAL HAZARDS OR POTENTIAL GEOLOGICAL HAZARDS, THE ENGINEERING GEOLOGIST SHALL RECOMMEND NECESSARY TREATMENT TO THE BUILDING OFFICIAL FOR APPROVAL.
15. WHERE SUPPORT OR BUTTRESSING OF CUT AND NATURAL SLOPES IS DETERMINED TO BE NECESSARY BY THE ENGINEERING GEOLOGIST AND SOILS ENGINEER, THE SOILS ENGINEER WILL SUBMIT DESIGN, LOCATION AND CALCULATIONS TO THE BUILDING OFFICIAL PRIOR TO CONSTRUCTION. THE ENGINEERING GEOLOGIST AND SOILS ENGINEER WILL INSPECT AND CONTROL THE CONSTRUCTION OF THE BUTTRESSING AND CERTIFY TO THE STABILITY OF THE SLOPE AND ADJACENT STRUCTURES UPON COMPLETION.
16. THE SOILS ENGINEER AND ENGINEERING GEOLOGIST SHALL PERFORM SUFFICIENT INSPECTIONS AND BE AVAILABLE DURING GRADING AND CONSTRUCTION TO PROVIDE CONSULTATION CONCERNING COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE WITHIN THEIR PURVIEW.
17. THE DESIGN CIVIL ENGINEER SHALL BE AVAILABLE DURING GRADING AND CONSTRUCTION FOR CONSULTATION CONCERNING COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE WITHIN THEIR PURVIEW.
18. SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE.

INFILTRATION NOTES

SUBGRADE PREPARATION

- 1. EXISTING SUBGRADE UNDER BED AREAS SHALL NOT BE COMPACTED OR SUBJECT TO CONSTRUCTION EQUIPMENT TRAFFIC PRIOR TO GEOTEXTILE AND RETENTION LAYER PLACEMENT.
2. CONTRACTOR SHALL DETERMINE SUBGRADE PERMEABILITY IN ACCORDANCE WITH ASTM D 3385 BEFORE CONCRETE PAVEMENT CONTRACTOR SHALL PROVIDE PERMEABILITY TESTING FOR SUBGRADE TO CONFIRM THAT SUBGRADE PERMEABILITY MEETS REQUIREMENTS OF CONTRACT DOCUMENTS.
3. CONTRACTOR SHALL PREPARE SUBGRADE AS SPECIFIED IN THE CONTRACT DOCUMENTS, INSURING THE BOTTOM OF THE RETENTION LAYER IS AT LEVEL GRADE.
4. CONTRACTOR SHALL KEEP ALL TRAFFIC OFF OF THE SUBGRADE DURING CONSTRUCTION TO THE MAXIMUM EXTENT PRACTICAL. CONTRACTOR SHALL REGRADE AND RE-COMPACT SUBGRADE DISTURBED BY RETENTION LAYER DELIVERY VEHICLES OR OTHER CONSTRUCTION TRAFFIC AS NEEDED.
5. CONTRACTOR SHALL CONSTRUCT SUBGRADE TO ENSURE THAT THE REQUIRED PAVEMENT THICKNESS IS OBTAINED IN ALL LOCATIONS.
6. CONTRACTOR SHALL SCARIFY SUBGRADE TO A MINIMUM DEPTH OF TWELVE (12) INCHES PRIOR TO PLACING THE NON-WOVEN GEOTEXTILE MATERIAL.

RETENTION LAYER NOTES

- 1. WHERE SPECIFIED, CONTRACTOR SHALL PREPARE RETENTION LAYER IN ACCORDANCE WITH CONTRACT DOCUMENTS.
2. THE NON-WOVEN GEOTEXTILE AND RETENTION LAYER AGGREGATE SHALL BE PLACED IMMEDIATELY AFTER APPROVAL OF SUBGRADE PREPARATION. ANY ACCUMULATION OF DEBRIS OR SEDIMENT WHICH HAS TAKEN PLACE AFTER APPROVAL OF SUBGRADE SHALL BE REMOVED PRIOR TO INSTALLATION OF GEOTEXTILE AT NO EXTRA COST TO THE OWNER.
3. PLACE GEOTEXTILE IN ACCORDANCE WITH MANUFACTURER'S STANDARDS AND RECOMMENDATIONS. ADJACENT STRIPS OF GEOTEXTILE SHALL OVERLAP A MINIMUM OF SIXTEEN INCHES (16"). SECURE GEOTEXTILE AT LEAST FOUR FEET (4') OUTSIDE OF BED AND TAKE ANY STEPS NECESSARY TO PREVENT ANY RUNOFF OR SEDIMENT FROM ENTERING THE RETENTION LAYER.
4. INSTALL COARSE AGGREGATE IN 8-INCH MAXIMUM LIFTS. AGGREGATE SHALL MEET THE REQUIREMENTS SPECIFIED IN THE CONTRACT DOCUMENTS. LIGHTLY COMPACT EACH LAYER WITH EQUIPMENT, KEEPING EQUIPMENT MOVEMENT OVER RETENTION LAYER AND SUBGRADE TO A MINIMUM. INSTALL AGGREGATE TO GRADES INDICATED IN THE CONTRACT DOCUMENTS.
5. CONSTRUCT RETENTION LAYER TO ENSURE THAT THE REQUIRED PAVEMENT THICKNESS IS OBTAINED IN ALL LOCATIONS.
6. FOLLOWING PLACEMENT OF RETENTION LAYER AGGREGATE, THE GEOTEXTILE SHALL BE FOLDED BACK ALONG ALL BED EDGES TO PROTECT FROM SEDIMENT WASHOUT ALONG RETENTION LAYER EDGES. AT LEAST A FOUR (4) FOOT EDGE STRIP SHALL BE USED TO PROTECT BEDS FROM ADJACENT BARE SOIL. THIS EDGE STRIP SHALL REMAIN IN PLACE UNTIL ALL BARE SOILS CONTIGUOUS TO BEDS ARE STABILIZED AND VEGETATED. IN ADDITION, TAKE ANY OTHER NECESSARY STEPS TO PREVENT SEDIMENT FROM WASHING OR TRACKING INTO BEDS DURING SITE DEVELOPMENT. WHEN THE SITE IS FULLY STABILIZED, TEMPORARY SEDIMENT CONTROL DEVICES SHALL BE REMOVED.

MAINTENANCE

- ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULL FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES MAY BE CHECKED BY A QUALIFIED PERSON ON A SCHEDULE THAT MEETS OR EXCEEDS THE GOVERNING REQUIREMENTS, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEED AS NEEDED.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THE TEMPORARY PARKING AND STORAGE AREA SHALL BE MAINTAINED IN GOOD CONDITION.
6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 65 CUBIC YARDS / ACRE.
7. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER.

WATER AND SEWER UTILITY NOTES

- 1. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, CLEANOUTS, GRAVITY SEWER LINES, AND DOMESTIC WATER AND FIRE PROTECTION SYSTEM AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
2. ALL EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FOR UTILITY LOCATION AND COORDINATION IN ACCORDANCE WITH THE LINES CONTAINED IN THE GENERAL CONSTRUCTION SECTION OF THIS SHEET. THE CONTRACTOR SHALL ALSO SCOPE THE SEWER LINES ON SITE AND RECORD A RECORD DRAWING.
3. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.
4. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. SECURELY CLOSE ALL OPEN ENDS OF PIPE AND FITTINGS WITH A WATERTIGHT PLUG WHEN WORK IS NOT IN PROGRESS. THE INTERIOR OF ALL PIPES SHALL BE CLEAN AND JOINT SURFACES WIPED CLEAN AND DRY AFTER THE PIPE HAS BEEN LOWERED INTO THE TRENCH. VALVES SHALL BE PLUMB AND LOCATED ACCORDING TO THE PLANS.
5. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER. ALL PIPE AND FITTINGS SHALL BE CAREFULLY STORED FOLLOWING MANUFACTURER'S RECOMMENDATIONS. CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE COATING OR LINING IN ANY D.I. PIPE FITTINGS. ANY PIPE OR FITTING WHICH IS DAMAGED OR WHICH HAS PLANS OR IMPERFECTIONS WHICH, IN THE OPINION OF THE ENGINEER OR OWNER, RENDERS IT UNFIT FOR USE, SHALL NOT BE USED. ANY PIPE NOT SATISFACTORY FOR USE SHALL BE CLEARLY MARKED AND IMMEDIATELY REMOVED FROM THE JOB SITE, AND SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
6. WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO COMBUSTIBLES BEING BROUGHT ON SITE.
7. ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO RECEIVE PAVING SHALL BE COMPLETELY BACK FILLED IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL AGENCY'S SPECIFICATIONS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
8. CONTRACTOR SHALL PERFORM, AT HIS OWN EXPENSE, ANY AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY AGENCY HAVING JURISDICTION. THESE TESTS MAY INCLUDE, BUT MAY NOT BE LIMITED TO, INFILTRATION AND EXFILTRATION, TELEVISION INSPECTION AND A MANHOLE TEST ON GRAVITY SEWER. A COPY OF THE TEST RESULT SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED.

RECORD DRAWINGS

- 1. WHERE LOCAL JURISDICTIONS REQUIRE RECORD DRAWINGS, THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER AND OWNER COPIES OF A PAVING, GRADING AND DRAINAGE RECORD DRAWING AND A SEPARATE UTILITY RECORD DRAWING, BOTH PREPARED BY A NEW YORK REGISTERED SURVEYOR. THE RECORD DRAWINGS SHALL VERIFY ALL DESIGN INFORMATION INCLUDED ON THE DESIGN PLANS OF THE SAME NAME.

PROJECT CLOSEOUT

- 1. CONTRACTOR SHALL PROVIDE THE NECESSARY ITEMS INCLUDING ANY TESTING, REPORTS, OR CERTIFICATION DOCUMENTS REQUIRED BY THE GOVERNING JURISDICTIONS TO PROPERLY CLOSEOUT THE PROJECT BEFORE IT CAN BE DEEMED COMPLETE.

DOCUMENT USE

- 1. THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY KIMLEY+HORN ENGINEERING AND LANDSCAPE ARCHITECTURE OF NEW YORK, P.C. SHALL BE WITHOUT LIABILITY TO KIMLEY+HORN ENGINEERING AND LANDSCAPE ARCHITECTURE OF NEW YORK, P.C.
2. CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.
3. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, SCHEDULE STANDARD SHEETS, MANUFACTURER'S LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.

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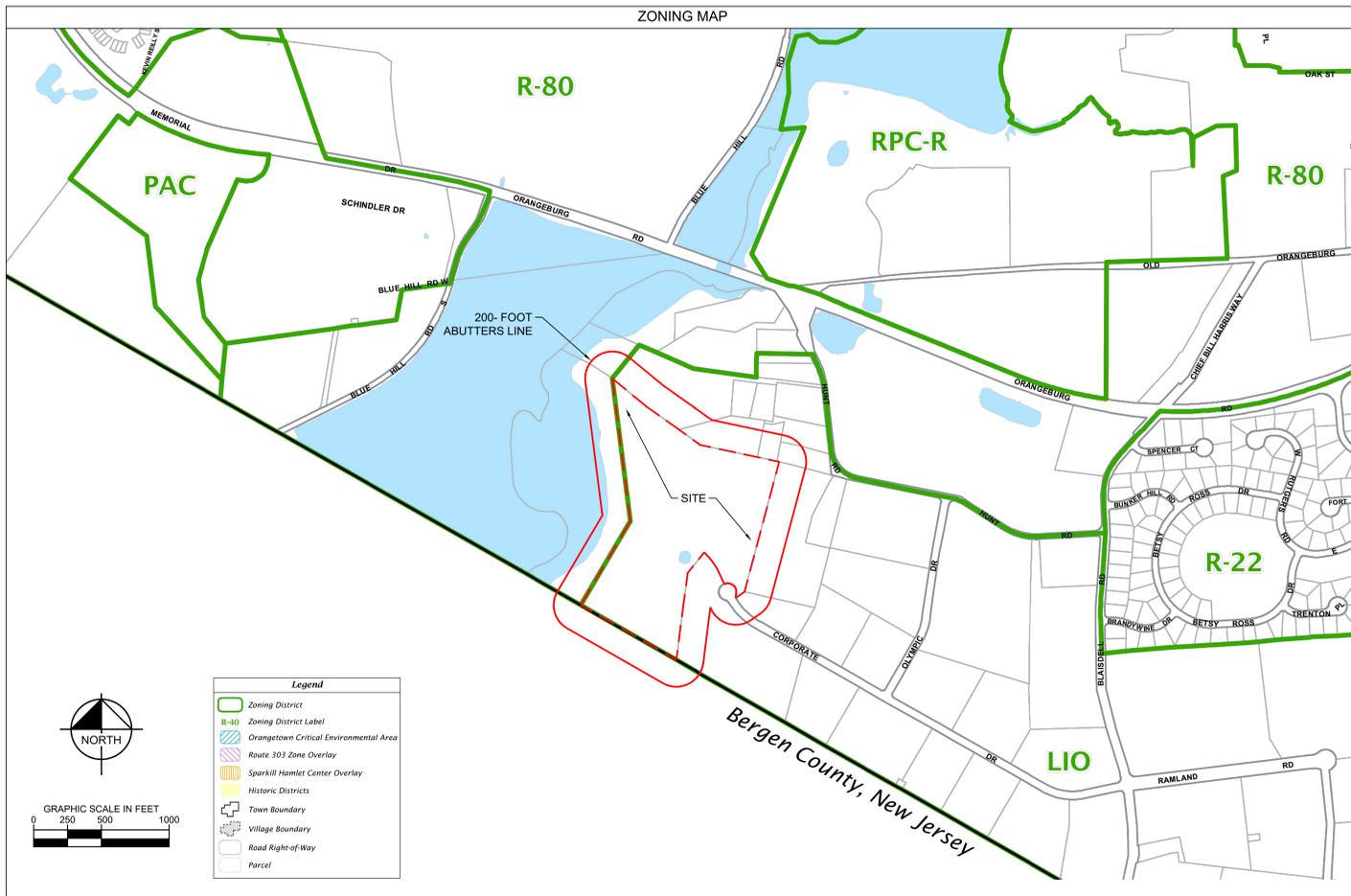
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392489	73.11-1-4	Alta Group US Inc	P.O. Box 71970,Phoenix, AZ 85050
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392489	73.15-1-13	Kazepzaj LLC	9 Paradise Ave,Piermont, NY 10965
392489	73.15-1-14	Joseph Missale	20 Olympic Dr,Orangetown, NY 10962
392489	73.15-1-15	Grace B Meyer	8 Olympic Dr,Orangetown, NY 10962
392489	73.15-1-16	Dakin America Inc	26 Orangetown Rd,Orangetown, NY 10962
392489	73.15-1-17	552 Properties LLC	731 Lexington Ave,New York, NY 10022
392489	73.15-1-18	Town Of Orangetown	BREO NY LLC
392489	73.15-1-19	Peter Smith	200 Corporate Drive LLC
392489	73.15-1-20	Corwick Realty Corp	P.O. Box 71970,Phoenix, AZ 85050
392489	73.16-1-1	Alta Group US Inc	28 Orangetown Rd,Orangetown, NY 10962
392489	73.16-2-78	Town Of Orangetown	15 Olympic Dr,Orangetown, NY 10962
392489	73.19-1-1	Claris Use Inc	731 Lexington Ave,New York, NY 10022
392489	73.19-1-2	BREO NY LLC	151 N Main Ste 400,New City, NY 10956
392489	73.19-1-3	Peter Smith	20 Corporate Dr,Orangetown, NY 10962
392489	73.19-1-4	30 Corporate LLC	1 Olympic Dr,Orangetown, NY 10962
392489	73.19-1-5	Callibers Inc	200 Performance Dr Ste 207,Mahwah, NJ 07495
392489	73.19-1-6	One Olympic Drive LLC	100 Challenger Rd Ste 105,Ridgefield Park, NJ 07675
392489	73.19-1-7	29 Corporate Drive LLC	
392489	73.19-1-8	Ford 33 Realty LLC	
392489	73.19-1-9		

NOTES	
1.	ZONING MAP SOURCE: ORANGETOWN ZONING MAP (ADOPTED DECEMBER 11, 2018) https://www.ora.netown.com/vsp-content/uploads/Orangetown_Zoning_Adopted_Dec_11_2018_opt.pdf
2.	PARCEL DATA SOURCE: ROCKLAND COUNTY GIS MAP APPLICATION, PLANNING DEPARTMENT -GIS https://www.rocklandga.com/portal/apps/arcgis/rest/data/arcgis/rest/services/ROCKLAND_COUNTY_GIS_AND_BERGEN_COUNTY_GIS
3.	ABUTTERS LIST SOURCE: ROCKLAND COUNTY GIS AND BERGEN COUNTY GIS
4.	KIMLEY-HORN DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ON THIS SHEET. INFORMATION PROVIDED FOR GENERAL INFORMATIONAL PURPOSES ONLY.

NO.	ISSUED FOR	DATE	BY
5	ISSUED FOR PLANNING BOARD REVIEW	12/01/22	KH
4	ISSUED FOR ACABOR/PLANNING BOARD REVIEW	09/20/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
2	SITE PLAN SUBMISSION	04/14/22	KH
1	50% DPs	03/29/22	KH
NO.	REVISIONS	DATE	BY

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DATABANK



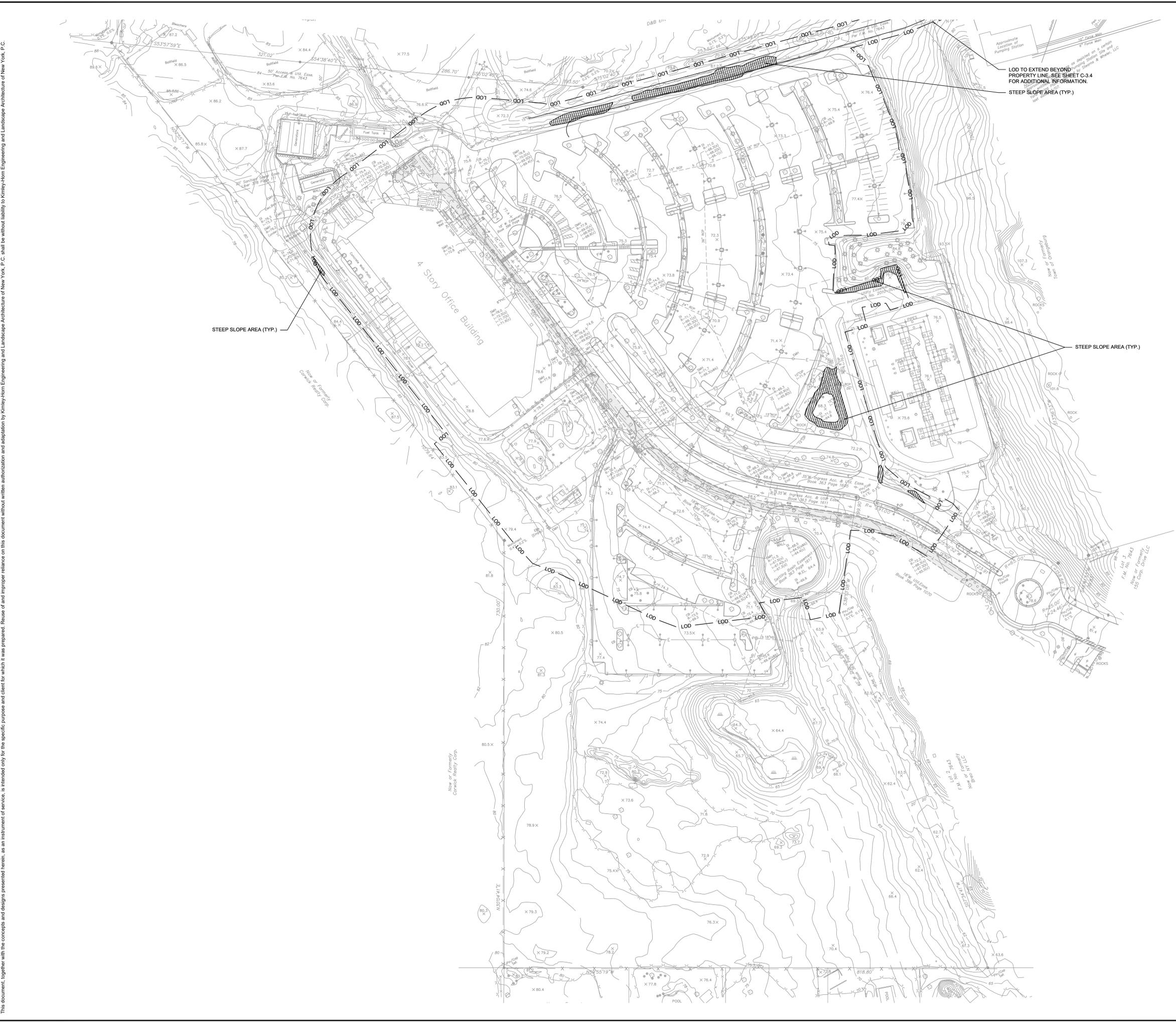
KHA PROJECT	112117011	DATE	01-27-2022	SCALE	AS SHOWN	BMD	DL
CHECKED BY:		DRAWN BY:		DESIGNED BY:			

ZONING AND ABUTTERS PLAN

DATABANK ORANGETOWN
 200 CORPORATE DRIVE
 ORANGETOWN, NY 10962
 TOWN OF ORANGETOWN
 NEW YORK

SHEET NUMBER
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Saved Monday, September 19, 2022 6:34:34 PM KITTU CHEN Plotted Wednesday, November 30, 2022 12:46:08 PM Chen, Kitty
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EXISTING CONDITIONS NOTES

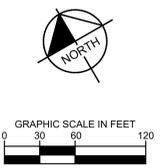
- PROPERTY LINES AND EXISTING CONDITIONS SHOWN ARE BASED ON A SURVEY MAP ENTITLED "TOPOGRAPHIC SURVEY", PREPARED BY INSITE ENGINEERING, SURVEY AND LANDSCAPE ARCHITECTURE, P.C., DATED MARCH 24TH, 2022.
- ALL UTILITY INFORMATION SHOWN ON THE PLAN IS NOT WARRANTED TO BE EXACT. NOR IS IT WARRANTED THAT ALL UNDERGROUND UTILITIES OR OTHER STRUCTURES WILL BE SHOWN ON THE SURVEY. EXACT LOCATIONS TO BE VERIFIED BY CONTRACTOR BEFORE BEGINNING CONSTRUCTION.
- ELEVATIONS SHOWN ARE REFERENCED TO NAVD83 DATUM - AS SHOWN ON THE ABOVE MENTIONED SURVEY.

GENERAL NOTES

- CONTRACTOR TO NOTIFY TOWN OF ORANGETOWN SEWER INSPECTOR AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION WORK ON OR NEAR EXISTING OR PROPOSED SANITARY SEWER FACILITIES.

LEGEND

	LIMITS OF DISTURBANCE APPROXIMATELY 16.5 ACRES
	STEEP SLOPE AREA (> 25%) APPROXIMATELY 0.24 ACRES



NO.	REVISIONS	DATE	BY
1	50% DPs	03/29/22	KH
2		04/14/22	KH
3	SITE PLAN REVISIONS	05/11/22	KH
4	ISSUED FOR ACAB/PLANNING BOARD REVIEW	09/20/22	KH
5	ISSUED FOR PLANNING BOARD REVIEW	12/01/22	KH

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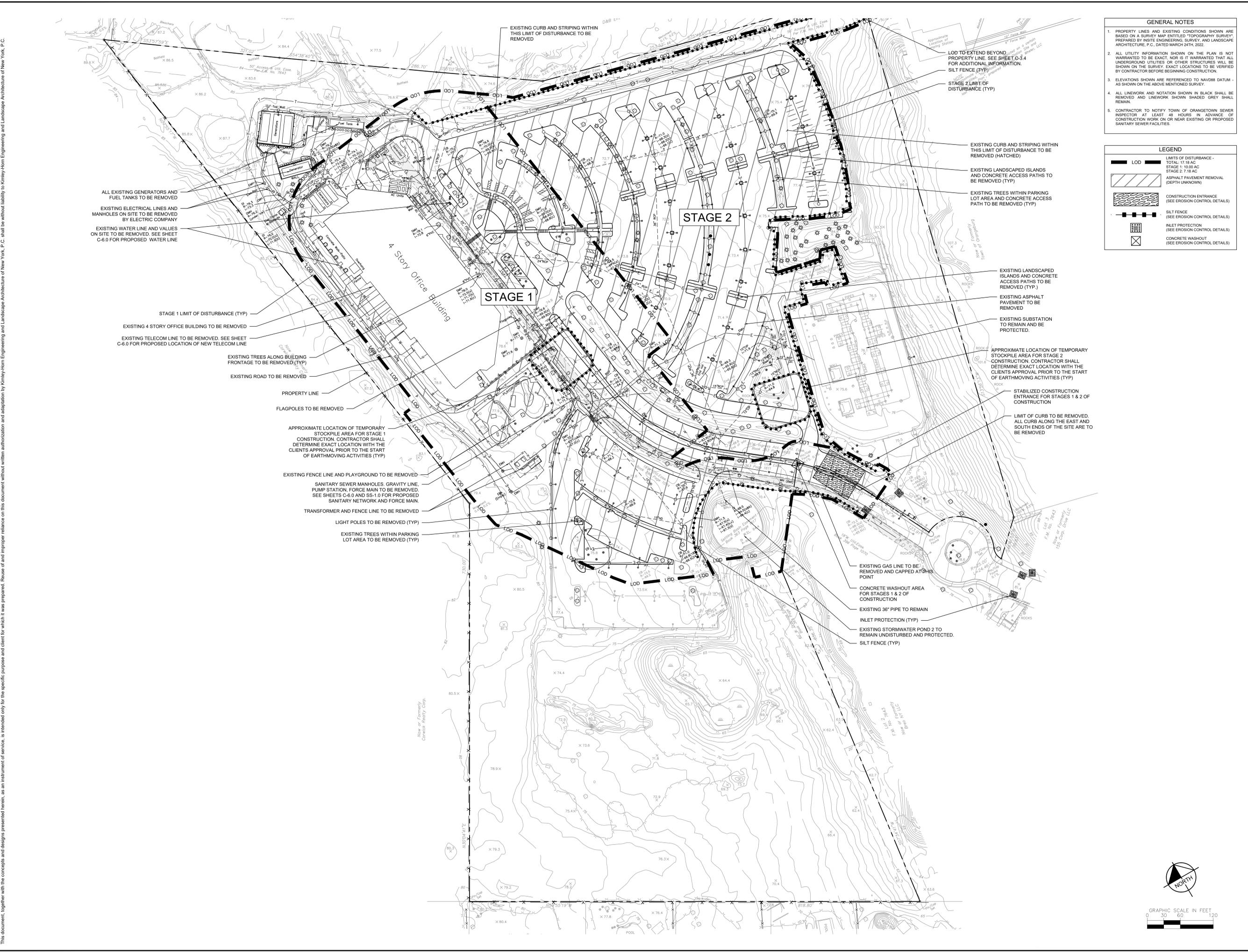
KHA PROJECT	11217011
DATE	01-27-2022
SCALE	AS SHOWN
DESIGNED BY:	BMD
DRAWN BY:	DL
CHECKED BY:	

EXISTING CONDITIONS PLAN

DATABANK ORANGEBURG
 2000 CORPORATE DRIVE
 ORANGEBURG, NY 10962
 TOWN OF ORANGEBURG NEW YORK

SHEET NUMBER C-1.1

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 - ELEVATIONS SHOWN ARE REFERENCED TO NAVD83 DATUM - AS SHOWN ON THE ABOVE MENTIONED SURVEY.
 - ALL LINEWORK AND NOTATION SHOWN IN BLACK SHALL BE REMOVED AND LINEWORK SHOWN SHADED GREY SHALL REMAIN.
 - CONTRACTOR TO NOTIFY TOWN OF ORANGETOWN SEWER INSPECTOR AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION WORK ON OR NEAR EXISTING OR PROPOSED SANITARY SEWER FACILITIES.

LEGEND

	LOD	LIMITS OF DISTURBANCE - TOTAL: 17.18 AC
	EXISTING LANDSCAPED ISLANDS AND CONCRETE ACCESS PATHS TO BE REMOVED (TYP)	STAGE 1: 10.00 AC
	EXISTING TREES WITHIN PARKING LOT AREA AND CONCRETE ACCESS PATH TO BE REMOVED (TYP)	STAGE 2: 7.18 AC
	EXISTING ASPHALT PAVEMENT TO BE REMOVED	ASPHALT PAVEMENT REMOVAL (DEPTH UNKNOWN)
	EXISTING SUBSTATION TO REMAIN AND BE PROTECTED.	CONSTRUCTION ENTRANCE (SEE EROSION CONTROL DETAILS)
	APPROXIMATE LOCATION OF TEMPORARY STOCKPILE AREA FOR STAGE 2 CONSTRUCTION. CONTRACTOR SHALL DETERMINE EXACT LOCATION WITH THE CLIENT'S APPROVAL PRIOR TO THE START OF EARTHMOVING ACTIVITIES (TYP)	SILT FENCE (SEE EROSION CONTROL DETAILS)
	STABILIZED CONSTRUCTION ENTRANCE FOR STAGES 1 & 2 OF CONSTRUCTION	INLET PROTECTION (SEE EROSION CONTROL DETAILS)
	LIMIT OF CURB TO BE REMOVED. ALL CURB ALONG THE EAST AND SOUTH ENDS OF THE SITE ARE TO BE REMOVED	CONCRETE WASHOUT (SEE EROSION CONTROL DETAILS)

NO.	REVISIONS	DATE	BY
1	50% DPs	03/29/22	KH
2		04/14/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
4	SITE PLAN REVISIONS	09/20/22	KH
5	ISSUED FOR PLANNING BOARD REVIEW	12/01/22	KH

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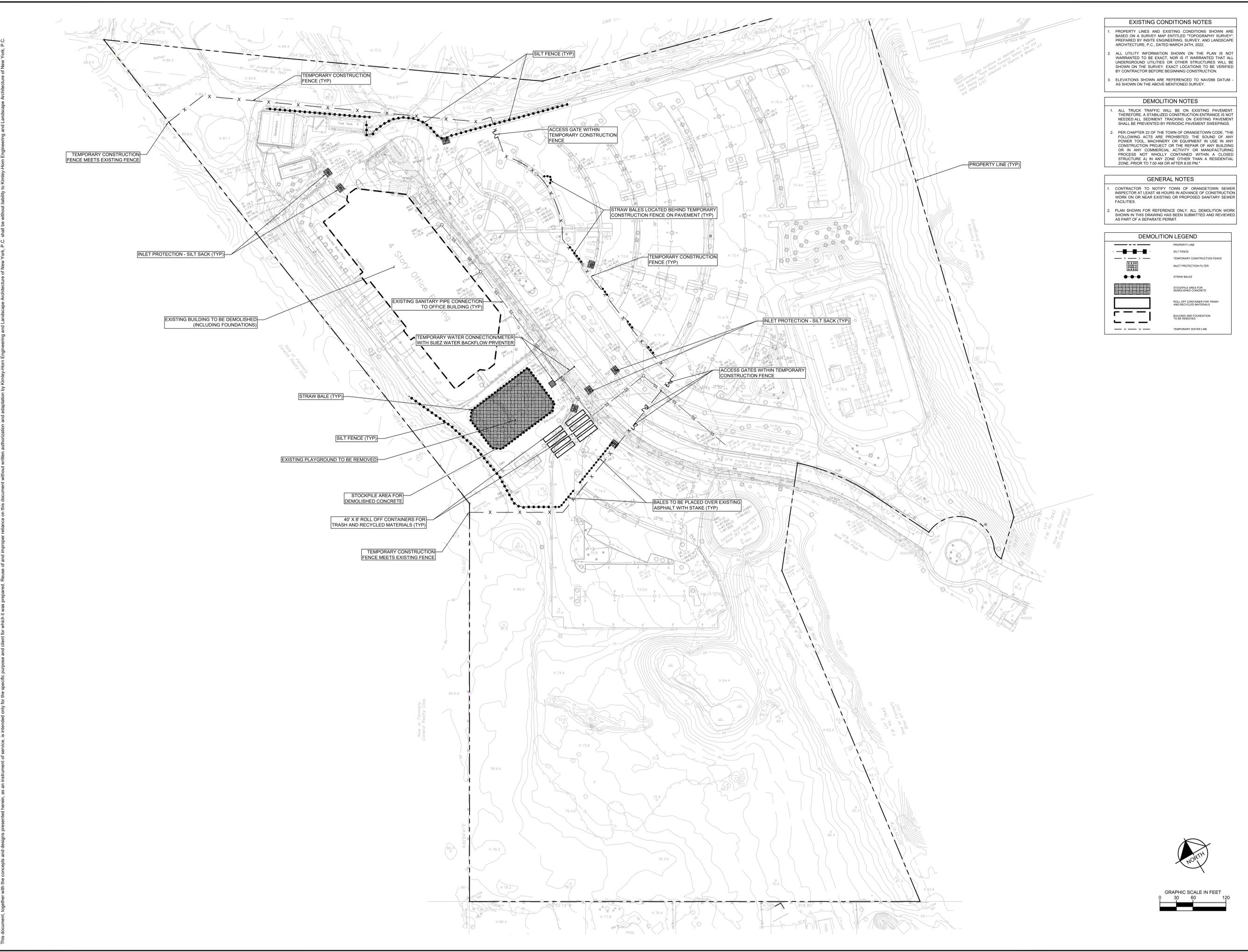
KHA PROJECT	11217011	DATE	01-27-2022	SCALE	AS SHOWN	DESIGNED BY:	BMD	DL
DRAWN BY:		CHECKED BY:						

EROSION CONTROL AND REMOVALS PLAN

DATABANK ORANGETOWN
 2000 CORPORATE DRIVE
 ORANGETOWN, NY 10962
 NEW YORK

SHEET NUMBER
C-1.2

Saved Wednesday, September 21, 2022 4:36:24 PM KITTY CHEN Plotted Wednesday, November 30, 2022 12:46:25 PM Chen, Kitty
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EXISTING CONDITIONS NOTES

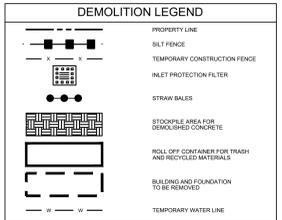
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DEMOLITION NOTES

- ALL TRUCK TRAFFIC WILL BE ON EXISTING PAVEMENT. THEREFORE, A STABILIZED CONSTRUCTION ENTRANCE IS NOT NEEDED. ALL SEDIMENT TRACKING ON EXISTING PAVEMENT SHALL BE PREVENTED BY PERIODIC PAVEMENT SWEEPINGS.
- PER CHAPTER 22 OF THE TOWN OF ORANGETOWN CODE, "THE FOLLOWING ACTS ARE PROHIBITED: THE SOUND OF ANY POWER TOOL, MACHINERY OR EQUIPMENT IN USE IN ANY CONSTRUCTION PROJECT OR THE REPAIR OF ANY BUILDING OR IN ANY COMMERCIAL ACTIVITY OR MANUFACTURING PROCESS NOT WHOLLY CONTAINED WITHIN A CLOSED STRUCTURE A) IN ANY ZONE OTHER THAN A RESIDENTIAL ZONE, PRIOR TO 7:00 AM OR AFTER 6:00 PM."

GENERAL NOTES

- CONTRACTOR TO NOTIFY TOWN OF ORANGETOWN SEWER INSPECTOR AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION WORK ON OR NEAR EXISTING OR PROPOSED SANITARY SEWER FACILITIES.
- PLAN SHOWN FOR REFERENCE ONLY. ALL DEMOLITION WORK SHOWN IN THIS DRAWING HAS BEEN SUBMITTED AND REVIEWED AS PART OF A SEPARATE PERMIT.



NO.	REVISIONS	DATE	BY
1	ISSUED FOR PLANNING BOARD REVIEW	12/01/22	KH
2	ISSUED FOR ACABOR PLANNING BOARD REVIEW	09/20/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
4	SITE PLAN SUBMISSION	04/14/22	KH
5	50% DPs	03/29/22	KH

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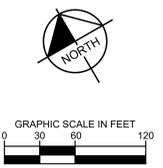


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DATE	01-27-2022
SCALE	AS SHOWN
DESIGNED BY:	BMD
DRAWN BY:	DL
CHECKED BY:	

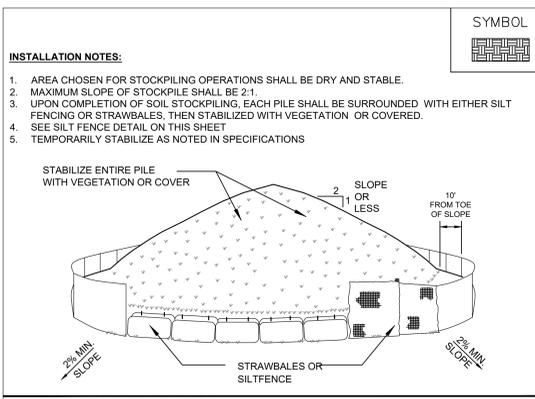
BUILDING DEMOLITION AND EROSION CONTROL PLAN

DATABANK ORANGETOWN
 2000 CORPORATE DRIVE
 ORANGETOWN, NY 10962
 NEW YORK

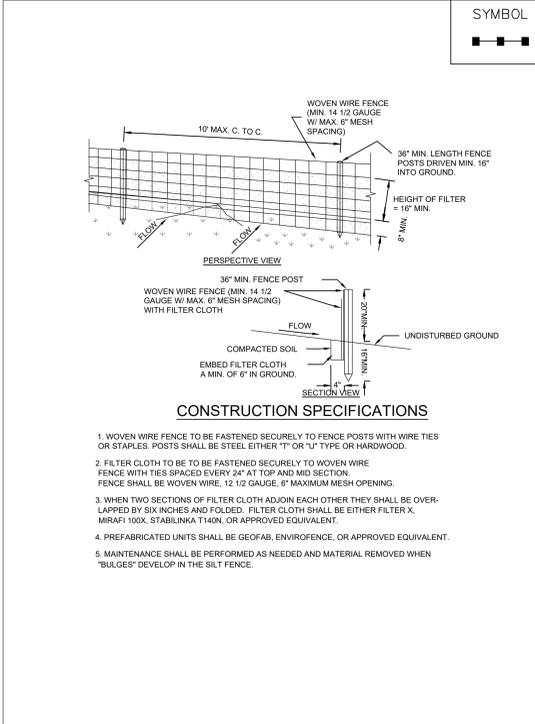
SHEET NUMBER
C-2.0



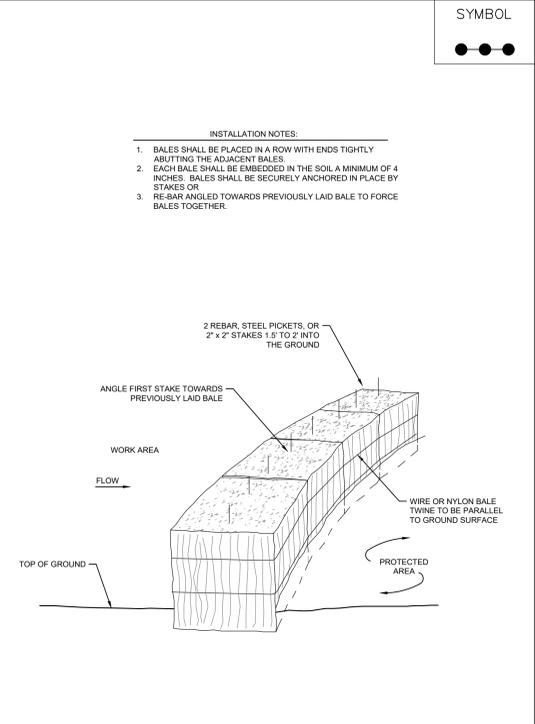
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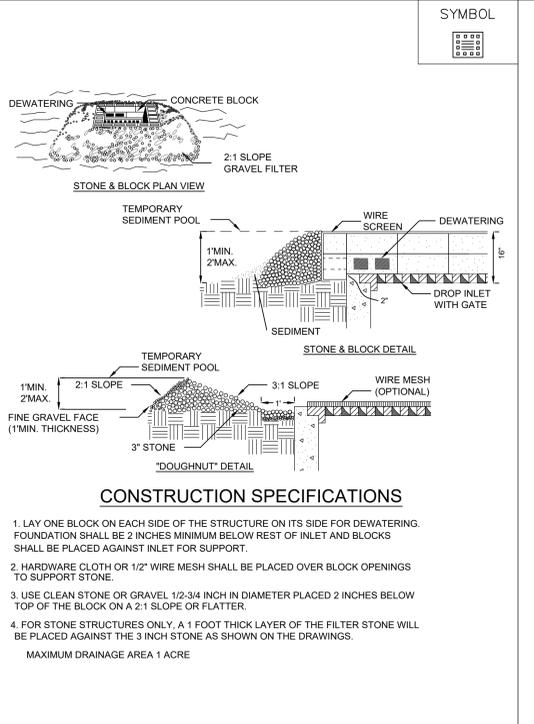
SOIL STOCKPILE AREA
N.T.S. SOURCE: KIMLEY-HORN



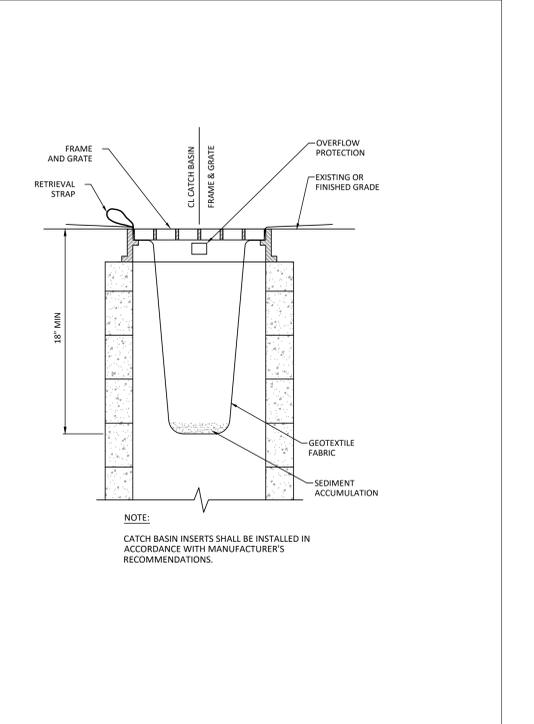
SILT FENCE
N.T.S. SOURCE: NYSDEC SESS BLUE BOOK



STRAW BALE - EMBEDDED
N.T.S. SOURCE: KIMLEY-HORN



STONE AND BLOCK DROP INLET PROTECTION
N.T.S. SOURCE: NYSDEC SESS BLUE BOOK



SILT SACK DETAIL
N.T.S. SOURCE: KIMLEY-HORN

NO.	REVISIONS	DATE	BY
5	ISSUED FOR PLANNING BOARD REVIEW	12/01/22	KH
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3	SITE PLAN REVISIONS	05/13/22	KH
2	SITE PLAN SUBMISSION	04/14/22	KH
1	50% DPs	03/29/22	KH
NO.	REVISIONS		

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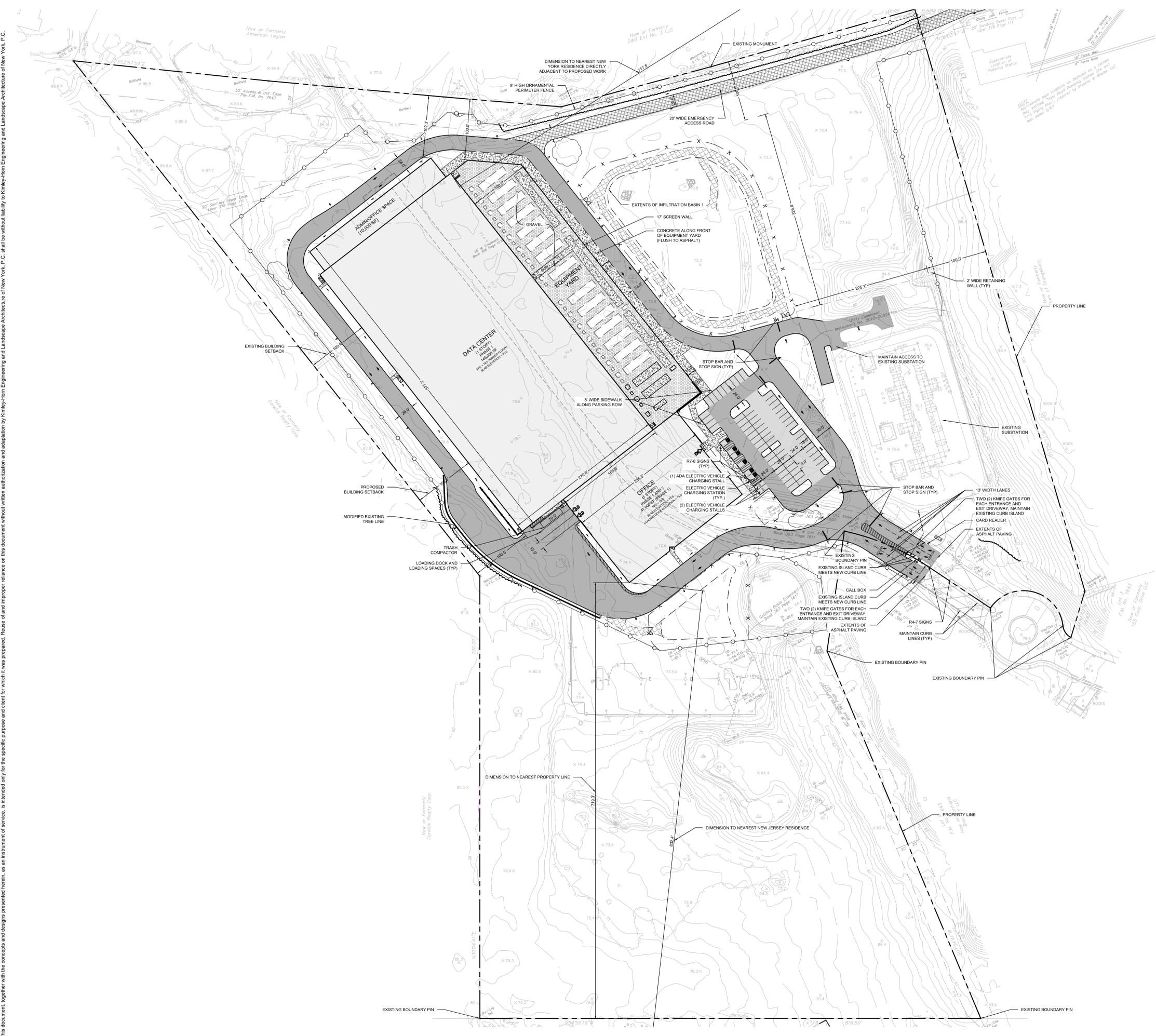
KHA PROJECT	112117011
DATE	01-27-2022
SCALE	AS SHOWN
DESIGNED BY:	BMD
DRAWN BY:	DL
CHECKED BY:	

BUILDING DEMOLITION AND EROSION CONTROL DETAILS

DATABANK ORANGEBURG
2000 CORPORATE DRIVE
ORANGEBURG, NY 10962
NEW YORK

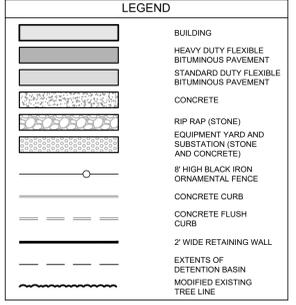
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- ### NOTES
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 - BUILDING DIMENSIONS ARE TO THE OUTSIDE FACE OF THE BUILDING UNLESS OTHERWISE NOTED.
 - REFER TO ARCHITECTURAL AND STRUCTURAL PLANS TO VERIFY ALL BUILDING DIMENSIONS.
 - RADI ADJACENT TO PARKING STALL AND NOT DIMENSIONED ON THIS PLAN SHALL BE 3-FEET, TYPICAL.
 - ALL ON-SITE STRIPING SHALL BE PAINTED UNLESS OTHERWISE NOTED.
 - CONTRACTOR TO NOTIFY TOWN OF ORANGETOWN SEWER INSPECTOR AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION WORK ON OR NEAR EXISTING OR PROPOSED SANITARY SEWER FACILITIES.

- ### SURVEY AND ELEVATION NOTES
- EXISTING CONDITIONS REFERENCED FROM BASEMAP SURVEY ENTITLED "TOPOGRAPHY SURVEY" PREPARED BY INSIGHT ENGINEERING, SURVEY AND LANDSCAPE ARCHITECTURE P.C., DATED MARCH 24TH, 2022.
 - ELEVATION 0.0 SHOWN ON ARCHITECTURAL AND STRUCTURAL DRAWINGS EQUALS ELEVATION 78.0 ON CIVIL DRAWINGS.
 - ELEVATIONS SHOWN ARE REFERENCED TO NAVD83 DATUM PER STATIC GPS OBSERVATIONS.
 - NO SOURCE BENCHMARK IS UTILIZED.



ZONING REQUIREMENTS

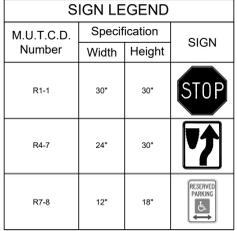
ZONING DISTRICT	LIO - LIGHT INDUSTRIAL-OFFICE DISTRICT		
EXISTING USE	REQUIRED	EXISTING	PROPOSED
OFFICE			
WAREHOUSE (1 SP / 300 SF)	2 AC.	33.93 AC.	NO CHANGE
MIN. LOT AREA	300 FT	1500 FT	NO CHANGE
MIN. LOT WIDTH	100 FT	<100 FT	<100 FT
FRONT YARD SETBACK	100 FT	<100 FT	<100 FT
SIDE YARD SETBACK	100 FT	<100 FT	100 FT
REAR YARD SETBACK	100 FT	<100 FT	100 FT
MAX. FLOOR AREA RATIO	0.4	-	0.23
MAX. BUILDING HEIGHT	<25 FT*	-	30.67 FT

*POTENTIAL ADDITIONAL 50 FT BUFFER FOR RESIDENTIAL ZONE ON A RESERVOIR. DB TO DETERMINE IF APPLICABLE.
 **MAXIMUM HEIGHT SHALL BE 3 INCHES PER FOOT OF DISTANCE FROM NEAREST LOT LINE.

PARKING REQUIREMENTS

STANDARD SPACES	REQUIRED	PROPOSED	
WAREHOUSE (1 SP / 300 SF)	9 FT X 18 FT	9 FT X 18 FT	
OFFICE (1 SP / 300 SF GFA)	967 SPACES	-	
TOTAL (STANDARD & ADA)	1205 SPACES	104 SPACES (V)	
ADA SPACES	STANDARD 8 FT X 18 FT VAN: 11 FT X 18 FT	STANDARD 8 FT X 18 FT VAN: 11 FT X 18 FT	
STANDARD ACCESSIBLE	24 SPACES	5 SPACES	
VAN ACCESSIBLE	4 SPACES	1 SPACE	
LOADING SPACES	OFFICE & WAREHOUSE	16 SPACES	4 SPACES (V)

(V) - VARIANCE REQUESTED

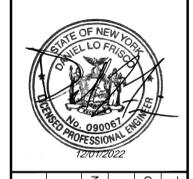


NO.	REVISIONS	DATE	BY
1	50% DPs	03/29/22	KH
2	SITE PLAN SUBMISSION	04/14/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
4	ISSUED FOR ACABOR/PLANNING BOARD REVIEW	09/20/22	KH
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 1 NORTH LEXINGTON AVENUE, SUITE 505
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DATABANK
 127112022

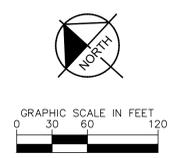


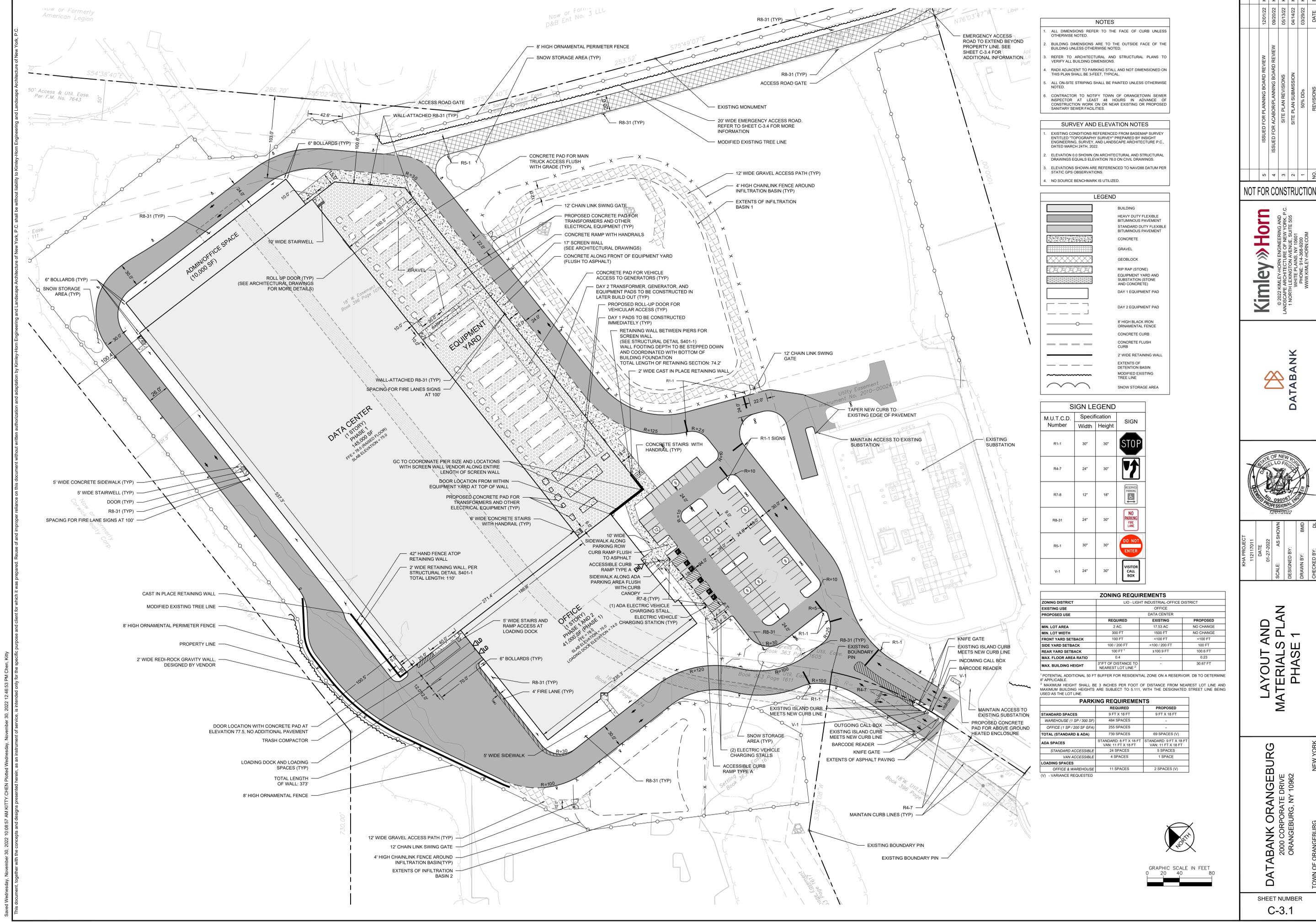
KHA PROJECT	112117011	DATE	01-27-2022	SCALE	AS SHOWN	DESIGNED BY:	BMD	DL
						DRAWN BY:		
						CHECKED BY:		

FULL SITE PLAN

DATABANK ORANGETOWN
 2000 CORPORATE DRIVE
 ORANGETOWN, NY 10962
 NEW YORK
 TOWN OF ORANGETOWN

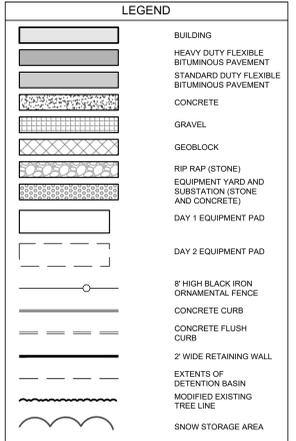
SHEET NUMBER
C-3.0





- ### NOTES
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 - REFER TO ARCHITECTURAL AND STRUCTURAL PLANS TO VERIFY ALL BUILDING DIMENSIONS.
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 - NO SOURCE BENCHMARK IS UTILIZED.



SIGN LEGEND

M.U.T.C.D. Number	Specification	Width	Height	SIGN
R1-1		30"	30"	
R4-7		24"	30"	
R7-8		12"	18"	
R8-31		24"	30"	
R5-1		30"	30"	
V-1		24"	30"	

ZONING REQUIREMENTS

EXISTING USE	LID - LIGHT INDUSTRIAL OFFICE DISTRICT		
	REQUIRED	EXISTING	PROPOSED
WAREHOUSE (1 SP / 300 SF)	2 AC	17.53 AC	NO CHANGE
OFFICE (1 SP / 200 SF GFA)	100 FT	1500 FT	NO CHANGE
MIN. LOT AREA	3000 SF	1500 SF	NO CHANGE
MIN. LOT WIDTH	100 FT	<100 FT	<100 FT
FRONT YARD SETBACK	100 FT	<100 FT	100 FT
SIDE YARD SETBACK	100 FT	<100 FT	100 FT
REAR YARD SETBACK	100 FT	<100 FT	100 FT
MAX. FLOOR AREA RATIO	0.4	-	0.23
MAX. BUILDING HEIGHT	3' FT OF DISTANCE TO NEAREST LOT LINE ²	-	30.67 FT

PARKING REQUIREMENTS

	REQUIRED	PROPOSED
STANDARD SPACES	9 FT X 18 FT	9 FT X 18 FT
WAREHOUSE (1 SP / 300 SF)	484 SPACES	-
OFFICE (1 SP / 200 SF GFA)	255 SPACES	-
TOTAL (STANDARD & ADA)	739 SPACES	68 SPACES (V)
ADA SPACES	STANDARD 8 FT X 18 FT VAN: 11 FT X 18 FT	STANDARD 9 FT X 18 FT VAN: 11 FT X 18 FT
STANDARD ACCESSIBLE	24 SPACES	5 SPACES
VAN ACCESSIBLE	4 SPACES	1 SPACE
LOADING SPACES	11 SPACES	2 SPACES (V)
OFFICE & WAREHOUSE		

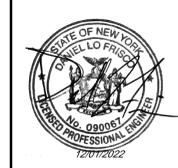
(V) - VARIANCE REQUESTED

NO.	REVISIONS	DATE	BY
5	ISSUED FOR PLANNING BOARD REVIEW	12/01/22	KH
4	ISSUED FOR ACAD/PLANNING BOARD REVIEW	09/20/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
2	SITE PLAN SUBMISSION	04/14/22	KH
1	50% DPs	03/29/22	KH

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 LANDSCAPE ARCHITECTURE OF NEW YORK, P.C.
 1 NORTH LEXINGTON AVENUE, SUITE 505
 WHITE PLAINS, NY 10601
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DATABANK



KHA PROJECT	112117011	DATE	01-27-2022	SCALE	AS SHOWN	DESIGNED BY:	BMD	DL
CHECKED BY:		DRAWN BY:						

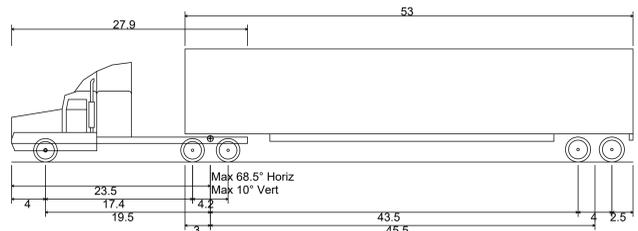
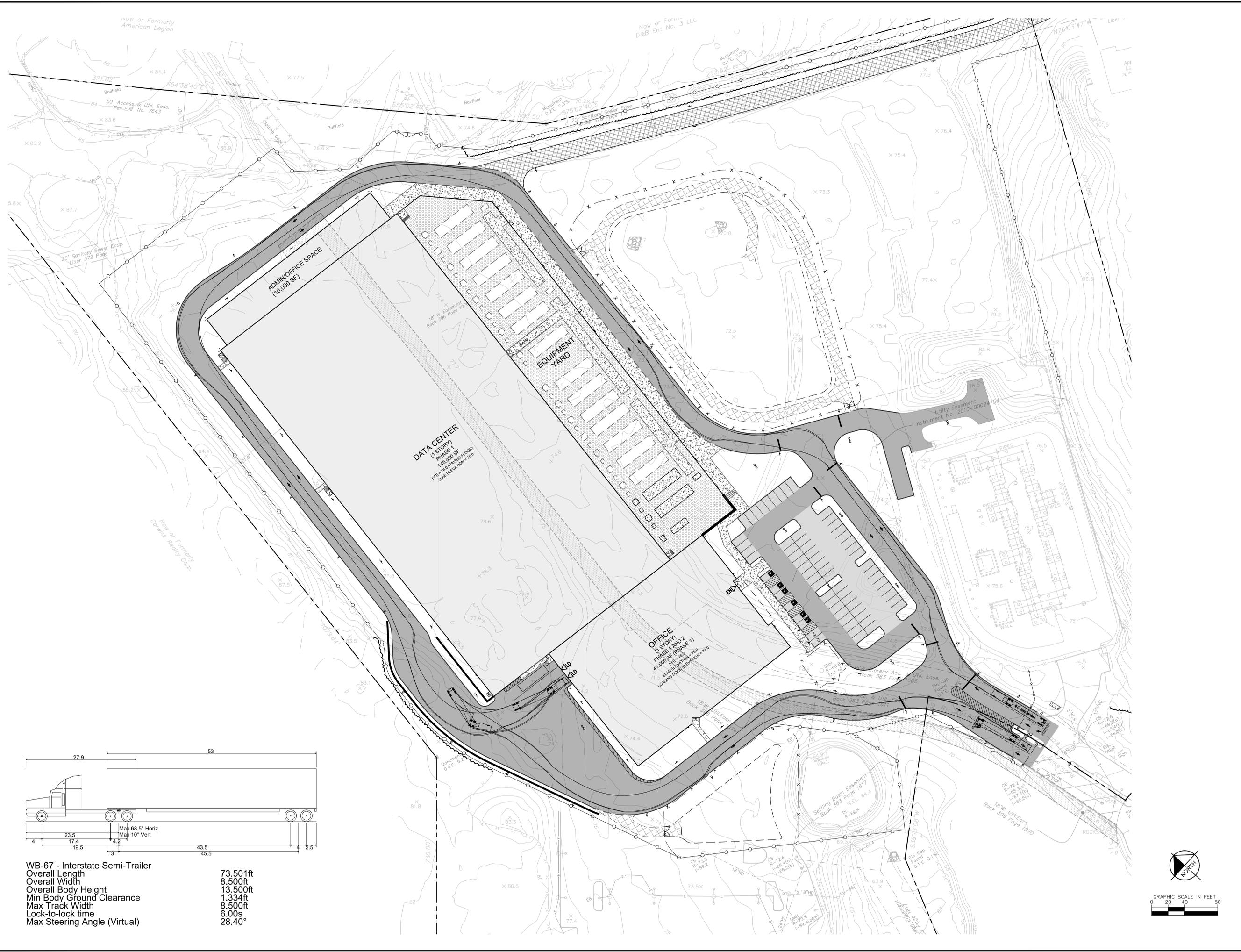
LAYOUT AND MATERIALS PLAN PHASE 1

DATABANK ORANGEBURG
 2000 CORPORATE DRIVE
 ORANGEBURG, NY 10962

NEW YORK
 TOWN OF ORANGEBURG

SHEET NUMBER
C-3.1

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 ORANGEBURG, NY 10962

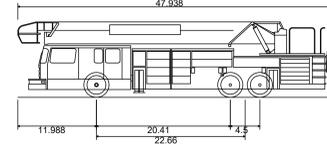
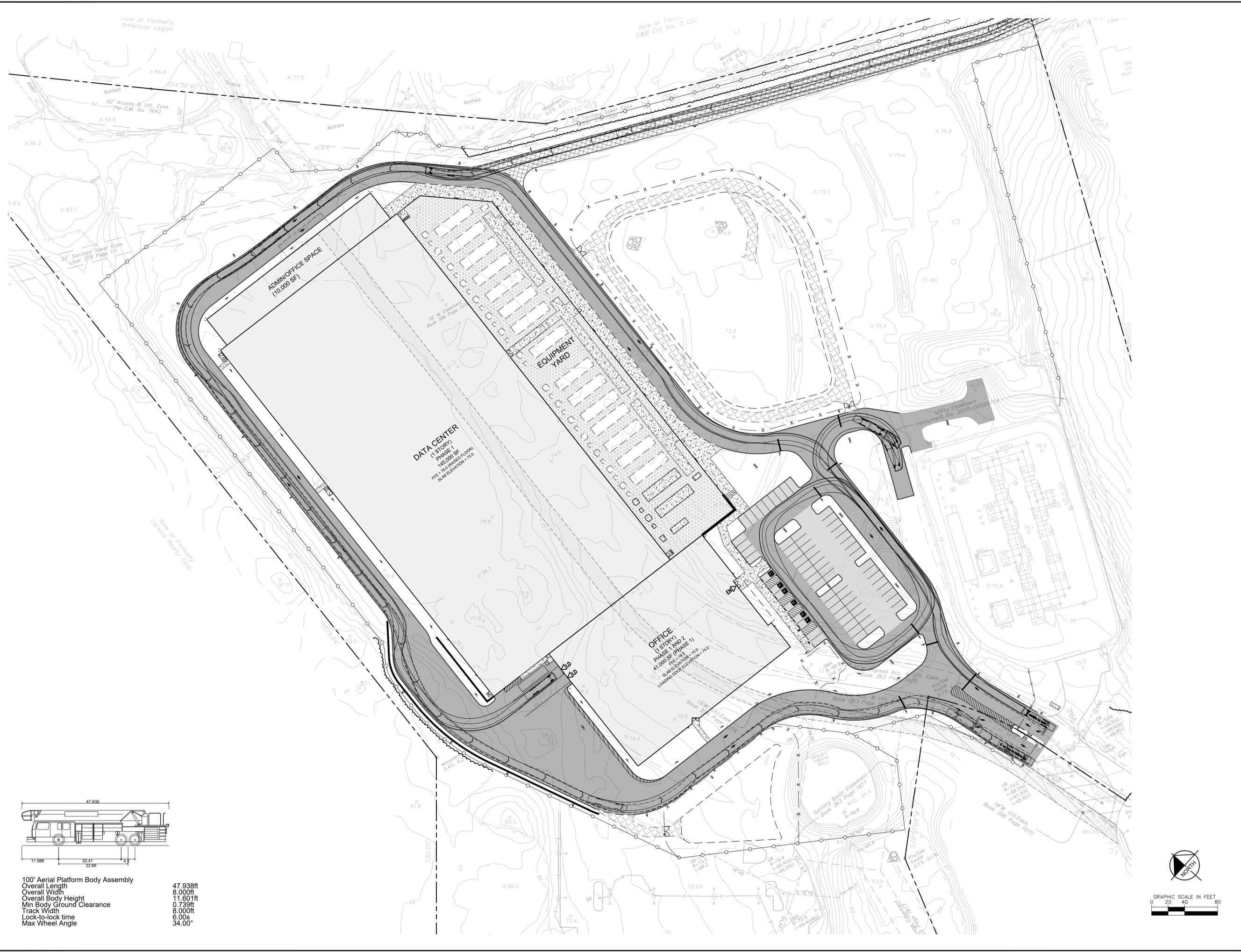


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DATE	01-27-2022
SCALE	AS SHOWN
DESIGNED BY:	BMD
DRAWN BY:	DL
CHECKED BY:	

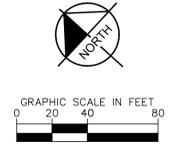
VEHICLE MANEUVERING (WB TRUCK)
 TOWN OF ORANGEBURG NEW YORK

DATABANK ORANGEBURG
 2000 CORPORATE DRIVE
 ORANGEBURG, NY 10962
 SHEET NUMBER C-3.2

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100' Aerial Platform Body Assembly	47.938ft
Overall Length	8.000ft
Overall Width	11.601ft
Overall Body Height	0.739ft
Min Body Ground Clearance	8.000ft
Track Width	6.00s
Lock-to-lock time	34.00°
Max Wheel Angle	

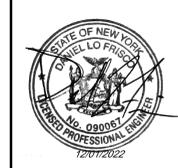


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3	SITE PLAN REVISIONS	05/13/22	KH
2	SITE PLAN SUBMISSION	04/14/22	KH
1	50% DPs	03/29/22	KH

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DATE	01-27-2022
SCALE	AS SHOWN
DESIGNED BY:	BMD
DRAWN BY:	DL
CHECKED BY:	

VEHICLE MANEUVERING (FIRETRUCK)

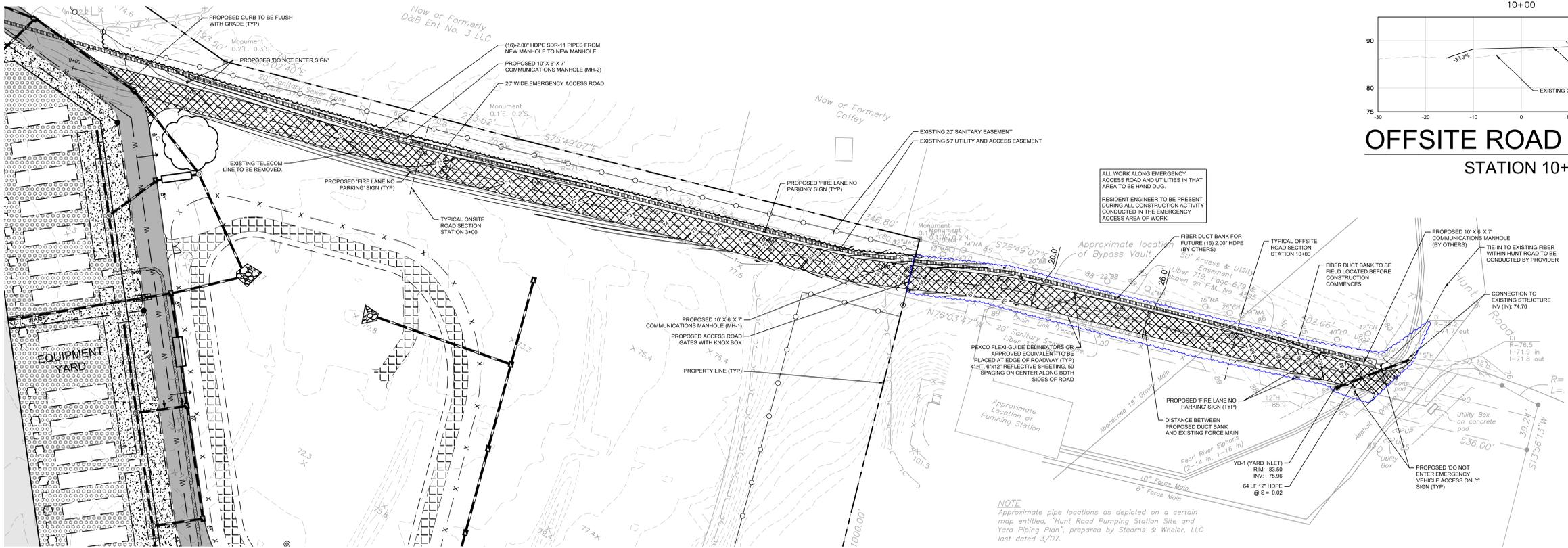
DATABANK ORANGEBURG
 2000 CORPORATE DRIVE
 ORANGEBURG, NY 10962
 NEW YORK

SHEET NUMBER
C-3.3

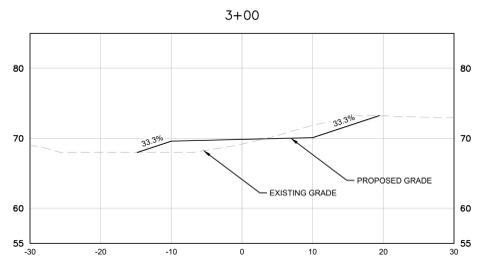
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LEGEND	
	GEOBLOCK POROUS PAVEMENT ROADWAY
	FULL DEPTH PAVEMENT
	TELECOM CONDUIT TO PHASE 1 DATA CENTER
	TELECOM MANHOLE
	PROPOSED STORM DRAINAGE PIPE
	PROPOSED STORM DRAINAGE STRUCTURES
	AREA FOR EXPLORATORY DIGGING AND UTILITY VERIFICATION

SURVEY AND ELEVATION NOTES	
1.	EXISTING CONDITIONS REFERENCED FROM BASEMAP SURVEY ENTITLED "TOPOGRAPHY SURVEY" PREPARED BY INSIGHT ENGINEERING, SURVEY, AND LANDSCAPE ARCHITECTURE P.C., DATED MARCH 24TH, 2022.
2.	ELEVATION 0.0 SHOWN ON ARCHITECTURAL AND STRUCTURAL DRAWINGS EQUALS ELEVATION 78.0 ON CIVIL DRAWINGS.
3.	ELEVATIONS SHOWN ARE REFERENCED TO NAVD83 DATUM PER STATIC GPS OBSERVATIONS.
4.	NO SOURCE BENCHMARK IS UTILIZED.
5.	ALL WORK ALONG EMERGENCY ACCESS ROAD AND UTILITIES IN THAT AREA TO BE HAND DUG.
6.	EXISTING UTILITIES SHOWN IN BACKGROUND WITHIN THE EMERGENCY ACCESS AREA OF WORK TO BE FIELD VERIFIED BEFORE WORK IS COMMENCED.
7.	RESIDENT ENGINEER TO BE PRESENT DURING ALL CONSTRUCTION ACTIVITY CONDUCTED IN THE EMERGENCY ACCESS AREA OF WORK.

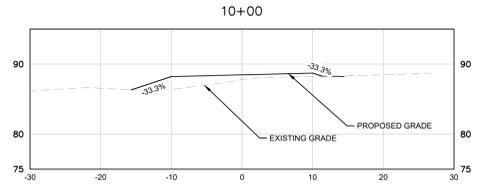


EMERGENCY FIRE ACCESS ROAD PLAN VIEW



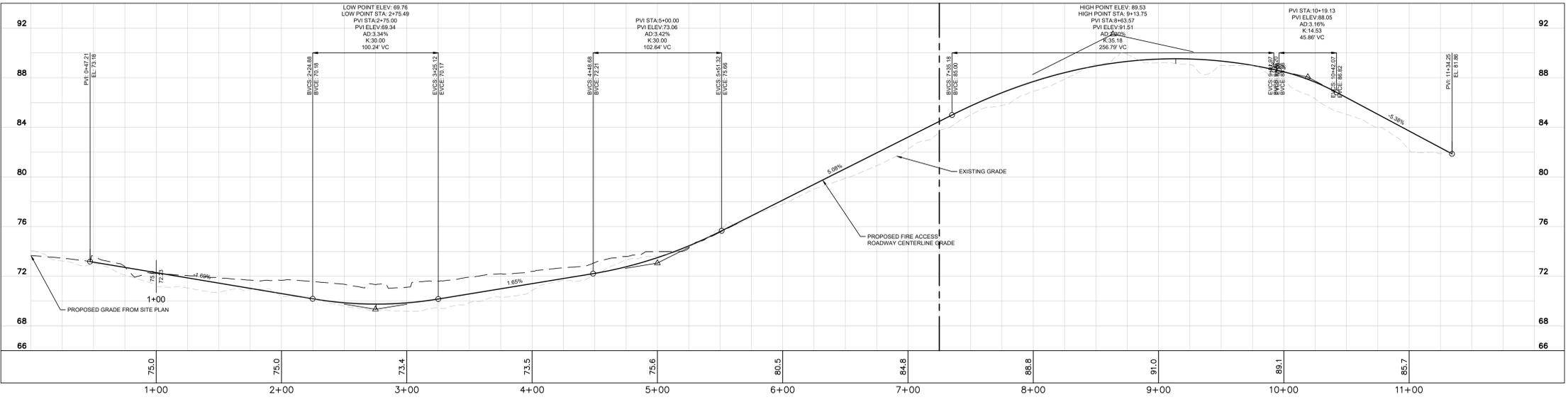
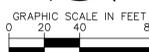
ONSITE ROAD SECTION

STATION 3+00

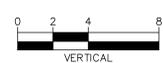


OFFSITE ROAD SECTION

STATION 10+00



EMERGENCY FIRE ACCESS ROAD PROFILE



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2	SITE PLAN SUBMISSION	04/14/22	KH
1	50% DPs	03/29/22	KH

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DATABANK



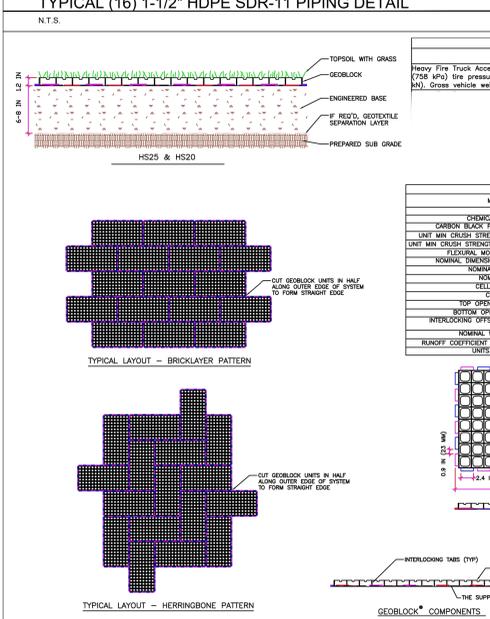
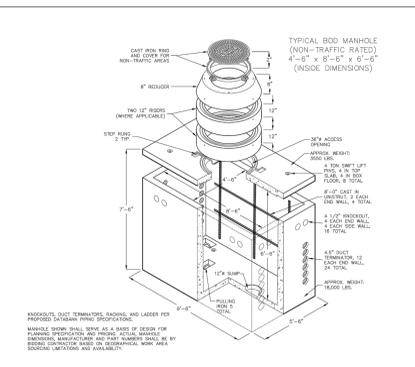
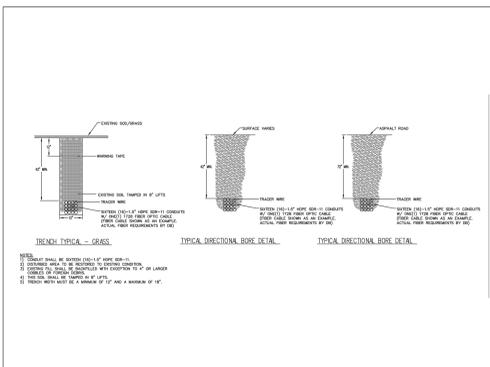
KHA PROJECT	112117011	BMD	DL
DATE	01-27-2022	DRAWN BY:	CHECKED BY:
SCALE:	AS SHOWN		

EMERGENCY FIRE ACCESS ROAD AND PROFILE (WITH DIGGING AREA)

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 2000 CORPORATE DRIVE
 ORANGEBURG, NY 10962
 NEW YORK

SHEET NUMBER
C-3.4

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DESIGN GUIDELINES - BASE DEPTH

LOAD DESCRIPTION	CBR 2 - 4%	CBR > 4%
Heavy Fire Truck Access @ 100000 lbs	8" Base	6" Base
Single axle loadings of 40 kips (178 kN). Gross vehicle weight of 80,000 lbs (40.1 MT).		

GEOBLOCK MATERIAL SPECIFICATION	
MATERIAL	UP TO 100% RECYCLED POLYETHYLENE
COLOUR	HARDEST DARK GREY OR TO BLACK SUPERDUR
CARBON BLACK FOR UV STABILIZATION, %	1.0 TO 2.0%
UNIT MIN CRUSH STRENGTH - EMPTY @ 70F (21C)	420 PSF (2,000 kPa)
UNIT MIN CRUSH STRENGTH - SAND FILLED @ 70F (21C)	5,800 PSF (47,200 kPa)
UNIT MIN CRUSH STRENGTH - SAND FILLED @ 70F (21C)	35,000 PSF (245,000 kPa)
UNIT MIN CRUSH STRENGTH - SAND FILLED @ 70F (21C)	35,000 PSF (245,000 kPa)
UNIT MIN CRUSH STRENGTH - SAND FILLED @ 70F (21C)	35,000 PSF (245,000 kPa)
NOMINAL DIMENSIONS - WIDTH X LENGTH	20 X 40 IN (0.5 X 1.0 M)
NOMINAL UNIT DEPTH	1.2 IN (30 MM)
NOMINAL AREA	5.3 SQFT (0.5 SQMTR)
CELLS PER UNIT	12
TOP OPEN AREA PER UNIT	2.25 X 2.25 IN (57 X 57 MM)
BOTTOM OPEN AREA PER UNIT	50%
INTERLOCKING OPENING SPACING TRANSFER PINS	12 TABS PER 40 IN (PER 1 M)
NOMINAL WEIGHT PER UNIT	4.7 LBS (2.1 KG)
BULKY COEFFICIENT @ 2.5 IN/HR (64 MM) RAIN	0.15
UNITS PER TONNET	32

REYNOLDS PRESTO PRODUCTS, INC.
100 WEST 10TH STREET
WYOMING, NY 14221
www.reynoldspresto.com

GEOBLOCK POROUS PAVEMENT SYSTEM
GEOBLOCK® AND GEOBLOCK® ARE REGISTERED TRADEMARKS OF REYNOLDS PRESTO PRODUCTS, INC.

DATE: MARCH 2020 FILE NAME: ORANGEBURG.dwg
SCALE: 80% SHEET: 1

Options and Applications for Flexi-Guide® 400 & 500 Series Flexible Roadside Delineator Posts

Flexi-Guide Anchors
FG 95 Plastic Anchor all purpose
FG 96 Steel Anchor for more challenging soils

Reflective Sheeting
Flexi-Guide posts may be ordered with factory-applied Engineer Grade, High-Intensity or Prismatic Super High Intensity retro-reflective sheeting. Specify type, color, and size when ordering.

Message Decals
Flexi-Guide posts may be ordered with factory-applied Message Decals, such as "Buried Cable - Do Not Dig!" Call for details regarding availability of standard decal and custom print options.

Custom Colors and Lengths
Standard Flexi-Guide colors are White, Yellow, and Grey. Other colors are available on a special order basis. Flexi-Guide Posts can be cut to any length you desire.

Anchors
Flexi-Guide posts may be supplied with or without plastic or steel anchors. If anchors are required, specify either plastic or steel when ordering.

FG Highway Delineator Posts
Flexi-Guide Posts are available with a number of standard and special options, including reflective sheeting, message decals, custom colors and length, and various anchors.

— Made in the USA —

GEOBLOCK POROUS PAVEMENT SYSTEM
N.T.S. SOURCE: REYNOLDS PRESTO PRODUCTS, INC.

PEXCO FLEXIBLE ROADSIDE DELINEATOR POSTS
N.T.S. SOURCE: PEXCO/DAVIDSON TRAFFIC CONTROL PRODUCTS

PEXCO FLEXIBLE ROADSIDE DELINEATOR POSTS
N.T.S. SOURCE: PEXCO/DAVIDSON TRAFFIC CONTROL PRODUCTS

NO.	REVISIONS	DATE	BY
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2	SITE PLAN SUBMISSION	04/14/22	KH
1	50% DPs	03/29/22	KH
NO.	REVISIONS		

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1 NORTH LEXINGTON AVENUE, SUITE 505
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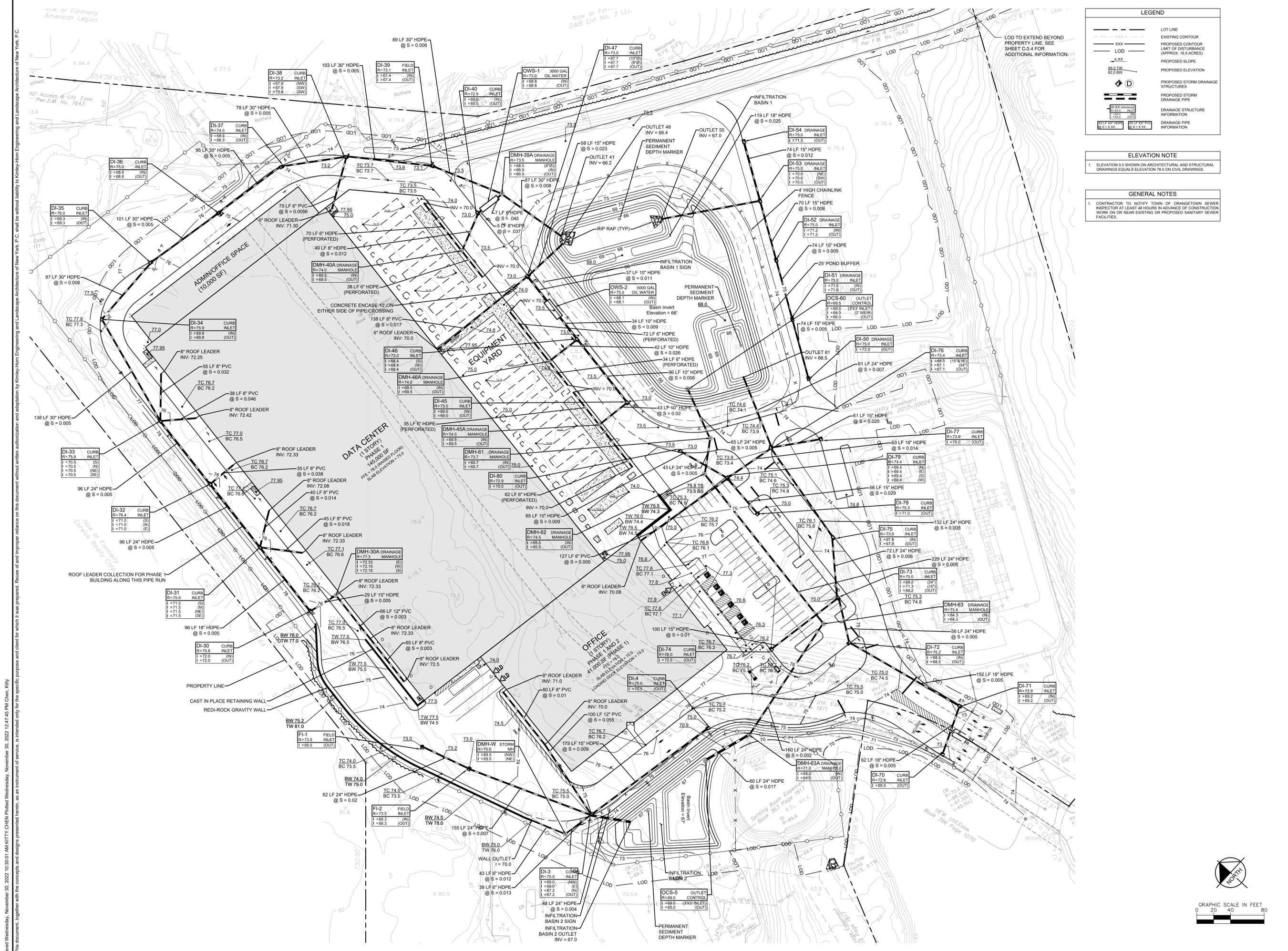


KHA PROJECT	112117011
DATE	01-27-2022
SCALE	AS SHOWN
DESIGNED BY:	BMD
DRAWN BY:	DL
CHECKED BY:	

EMERGENCY FIRE ACCESS ROAD DETAILS

DATABANK ORANGEBURG
2000 CORPORATE DRIVE
ORANGEBURG, NY 10962
NEW YORK

SHEET NUMBER
C-3.5



LEGEND

---	LOT LINE
---	EXISTING CONTOUR
---	PROPOSED CONTOUR
---	LIMIT OF DISTURBANCE (APPROX. 16.5 ACRES)
---	PROPOSED SLOPE
---	PROPOSED ELEVATION
---	PROPOSED STORM DRAINAGE STRUCTURES
---	PROPOSED STORM DRAINAGE PIPE
---	DRAINAGE STRUCTURE INFORMATION
---	DRAINAGE PIPE INFORMATION

ELEVATION NOTE

1. ELEVATION 8.0 SHOWN ON ARCHITECTURAL AND STRUCTURAL DRAWINGS EQUALS ELEVATION 78.0 ON CIVIL DRAWINGS.

GENERAL NOTES

1. CONTRACTOR TO NOTIFY TOWN OF ORANGEBURG SEWER INSPECTOR AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION WORK ON OR NEAR EXISTING OR PROPOSED SANITARY SEWER FACILITIES.

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NO.			

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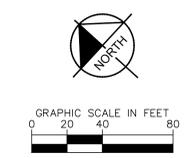
KHA PROJECT	12117011	BMD	DL
DATE	01-27-2022		
SCALE	AS SHOWN		
DESIGNED BY:			
DRAWN BY:			
CHECKED BY:			

GRADING AND DRAINAGE PLAN

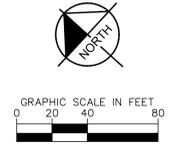
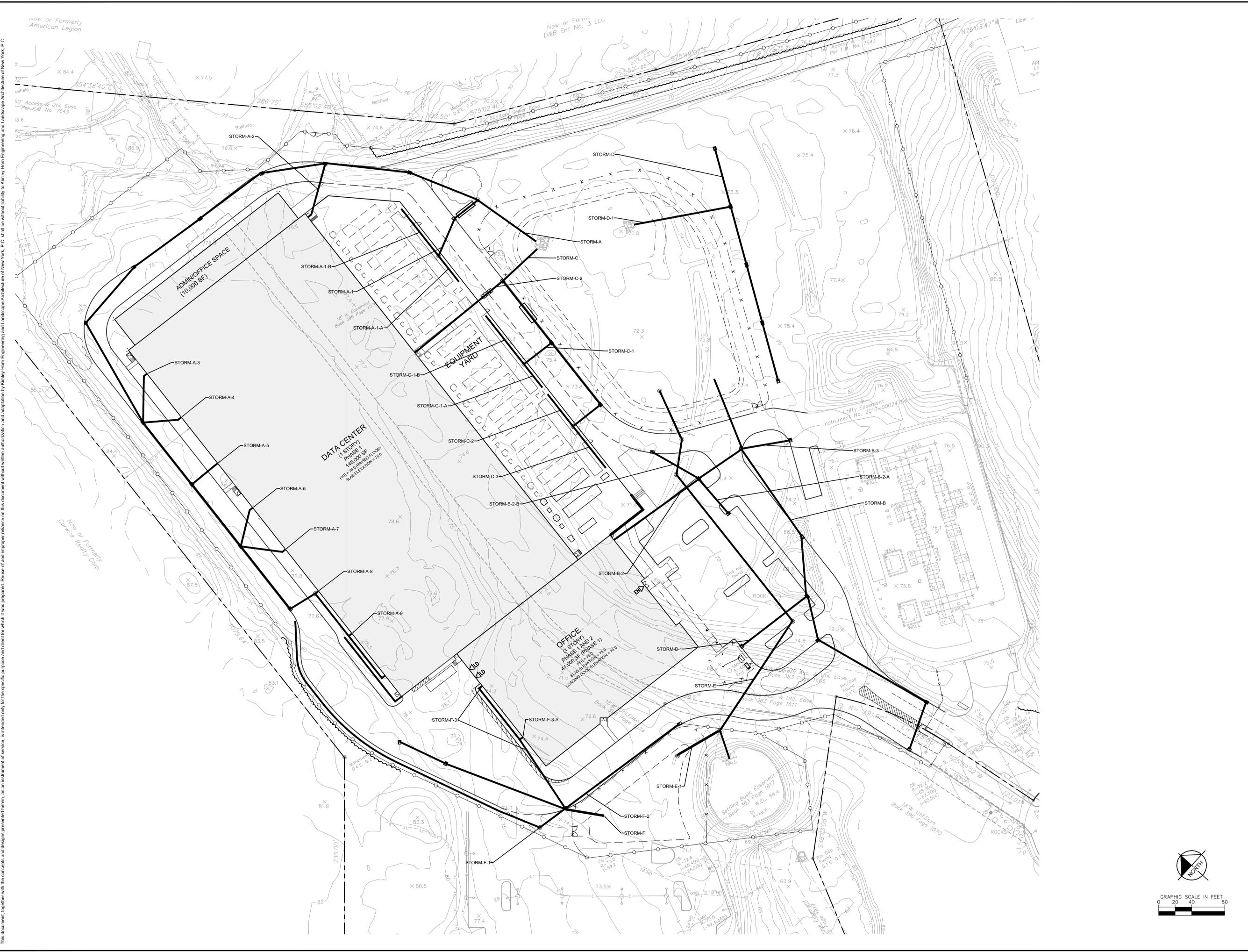
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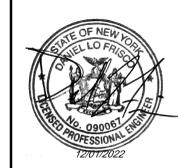


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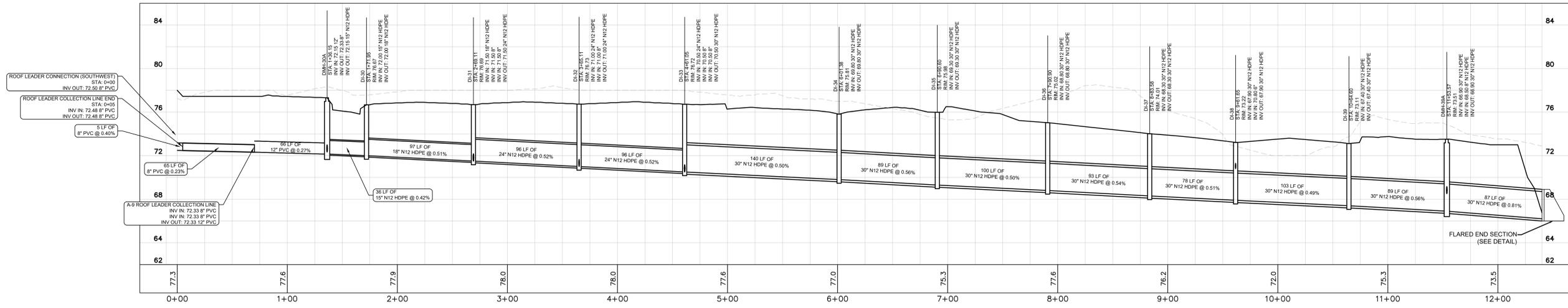


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SCALE	AS SHOWN
DESIGNED BY:	BMD
DRAWN BY:	DL
CHECKED BY:	

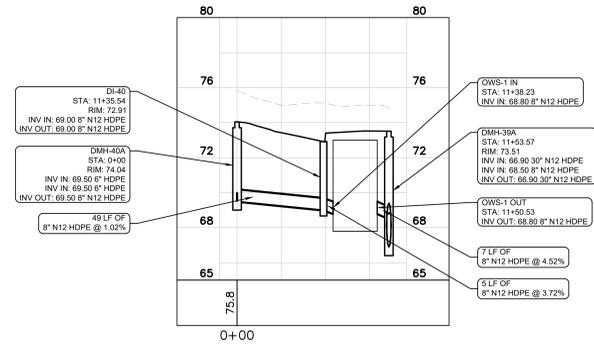
STORMWATER PIPE NETWORK OVERALL PLAN

DATABANK ORANGEBURG
 2000 CORPORATE DRIVE
 ORANGEBURG, NY 10962
 NEW YORK

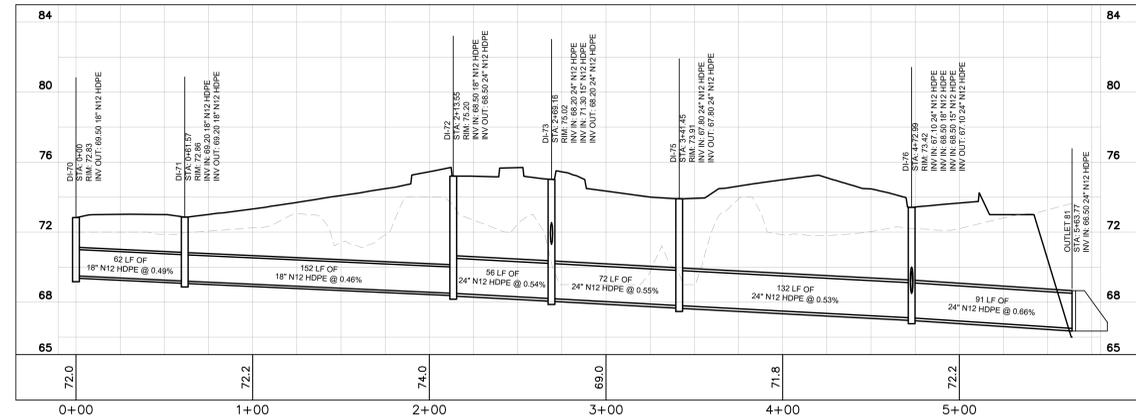
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C-4.1



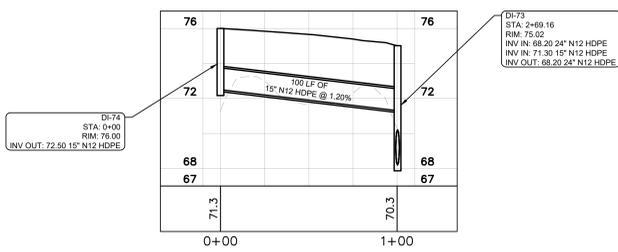
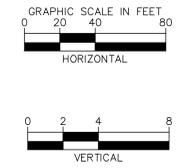
STORM-A



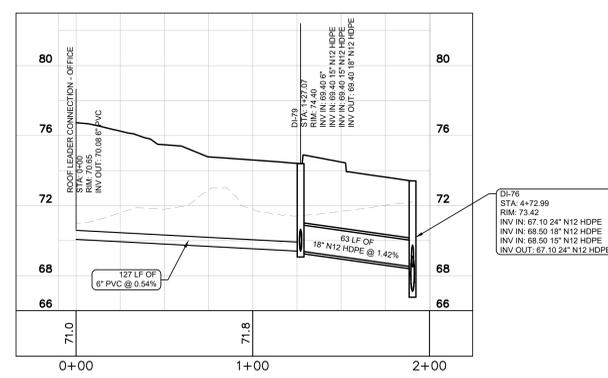
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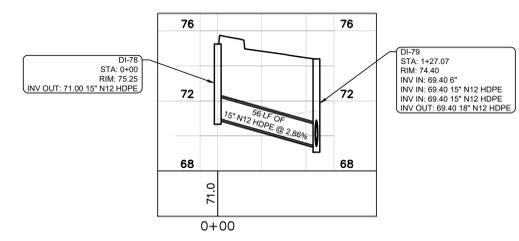
STORM-B



STORM-B-1



STORM-B-2



STORM-B-2-A

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1	50% DPs	03/29/22	KH
0	NO.		

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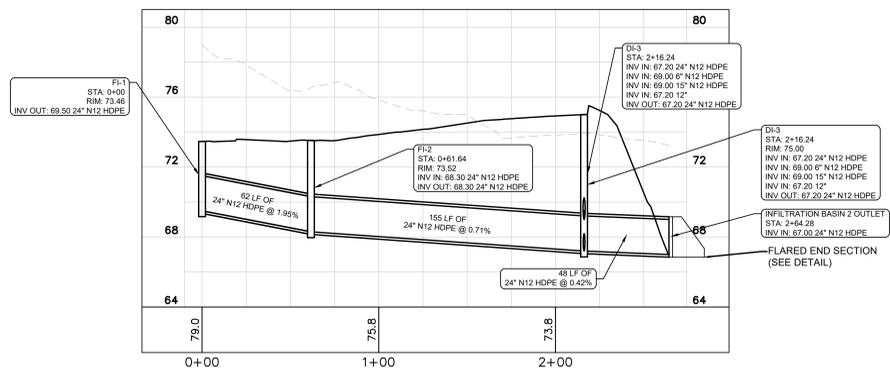
KHA PROJECT	11217011
DATE	01-27-2022
SCALE	AS SHOWN
DESIGNED BY:	
DRAWN BY:	BMD
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STORMWATER PROFILES

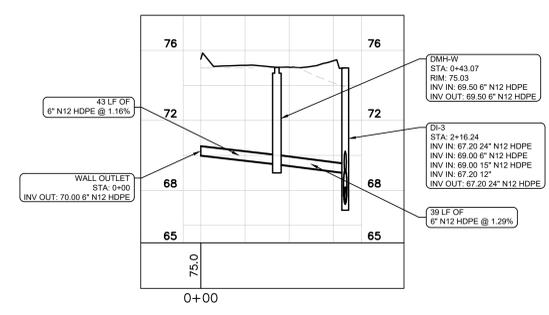
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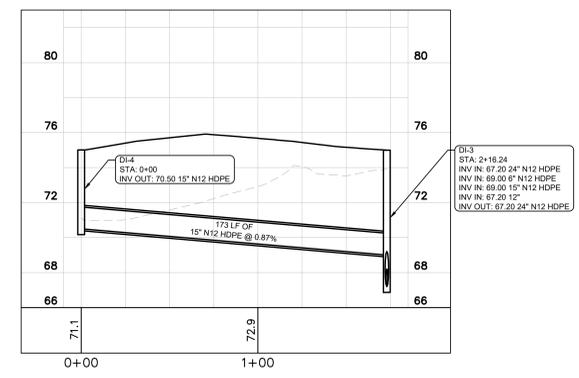
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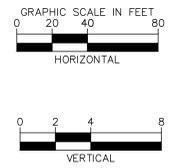
STORM-F



STORM-F-1



STORM-F-2



NO.	REVISIONS	DATE	BY
1	50% DPs	03/29/22	KH
2	SITE PLAN SUBMISSION	04/14/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
4	ISSUED FOR ACABOR/PLANNING BOARD REVIEW	09/20/22	KH
5	ISSUED FOR PLANNING BOARD REVIEW	12/01/22	KH

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 WHITE PLAINS, NY 10601
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DATABANK



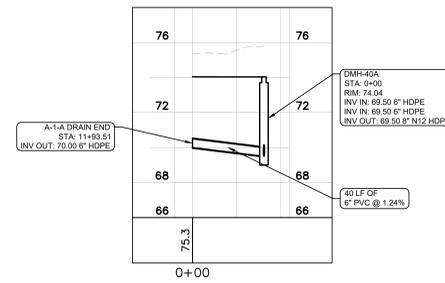
KHA PROJECT	112117011
DATE	01-27-2022
SCALE	AS SHOWN
DESIGNED BY:	
DRAWN BY:	BMD
CHECKED BY:	DL

STORMWATER PROFILES

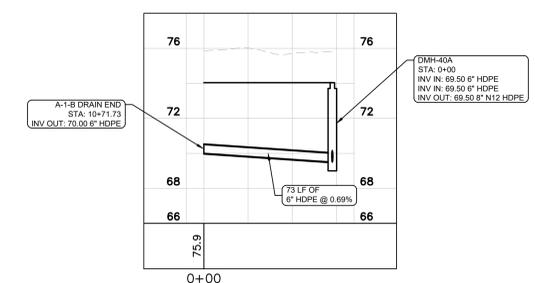
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 2000 CORPORATE DRIVE
 ORANGEBURG, NY 10962
 TOWN OF ORANGEBURG NEW YORK

SHEET NUMBER
C-4.4

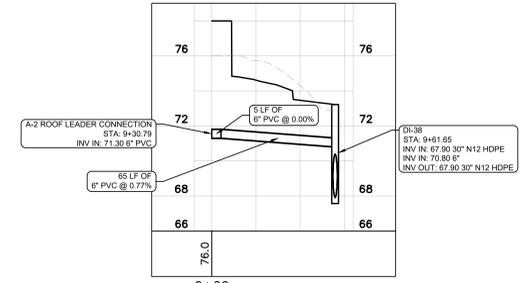
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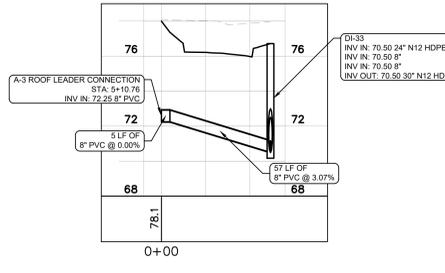
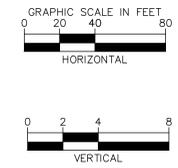
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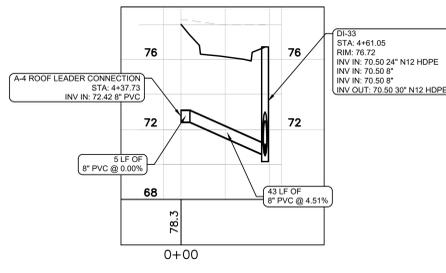
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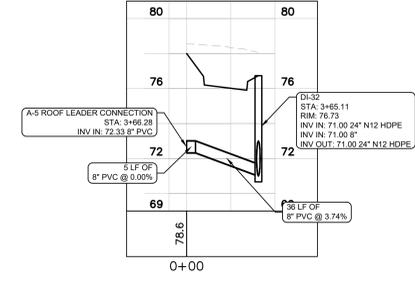
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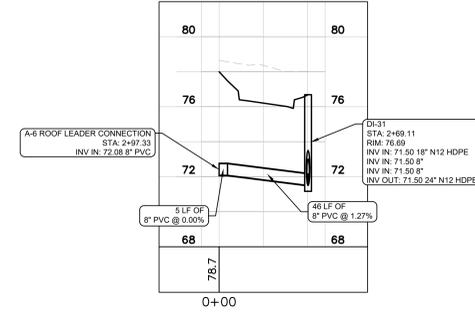
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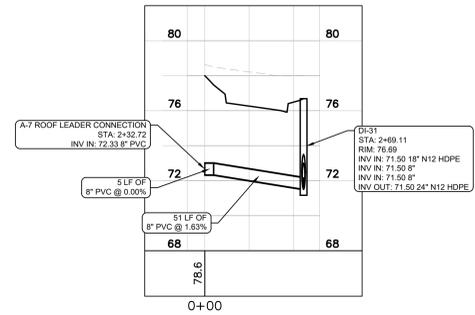
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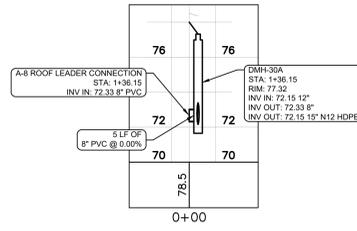
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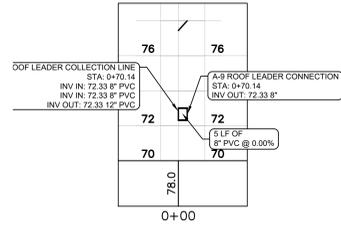
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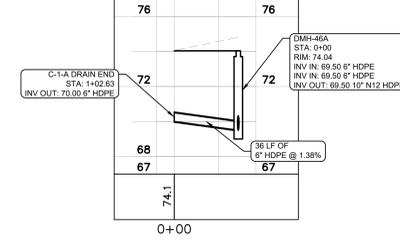
STORM-A-7



STORM-A-8



STORM-A-9



STORM-C-1-A

NO.	REVISIONS	DATE	BY
5	ISSUED FOR PLANNING BOARD REVIEW	12/01/22	KH
4	ISSUED FOR ACAB/PLANNING BOARD REVIEW	09/20/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
2	SITE PLAN SUBMISSION	04/14/22	KH
1	50% DPs	03/29/22	KH
NO.	REVISIONS		

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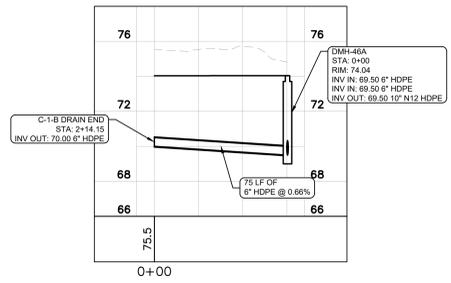
KHA PROJECT	112117011
DATE	01-27-2022
SCALE	AS SHOWN
DESIGNED BY:	
DRAWN BY:	BMD
CHECKED BY:	DL

ROOF LEADER AND TRENCH DRAIN PROFILES

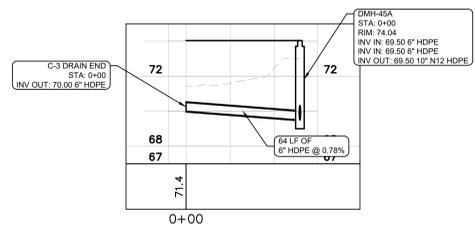
DATABANK ORANGEBURG
 2000 CORPORATE DRIVE
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 NEW YORK

SHEET NUMBER
C-4.5

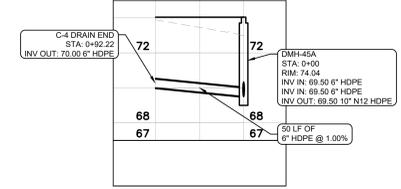
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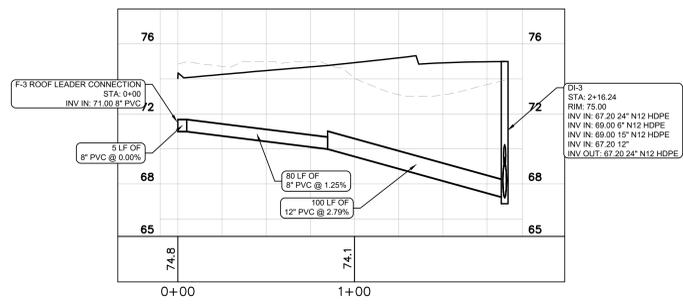
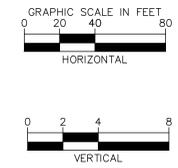
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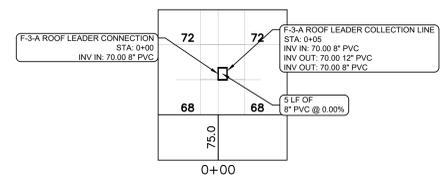
STORM-C-3



STORM-C-4



STORM-F-3



STORM-F-3-A

NO.	DATE	BY	REVISIONS
5	12/01/22	KH	ISSUED FOR PLANNING BOARD REVIEW
4	09/20/22	KH	ISSUED FOR ACABOR/PLANNING BOARD REVIEW
3	05/13/22	KH	SITE PLAN REVISIONS
2	04/14/22	KH	SITE PLAN SUBMISSION
1			50% DPs
			NO.

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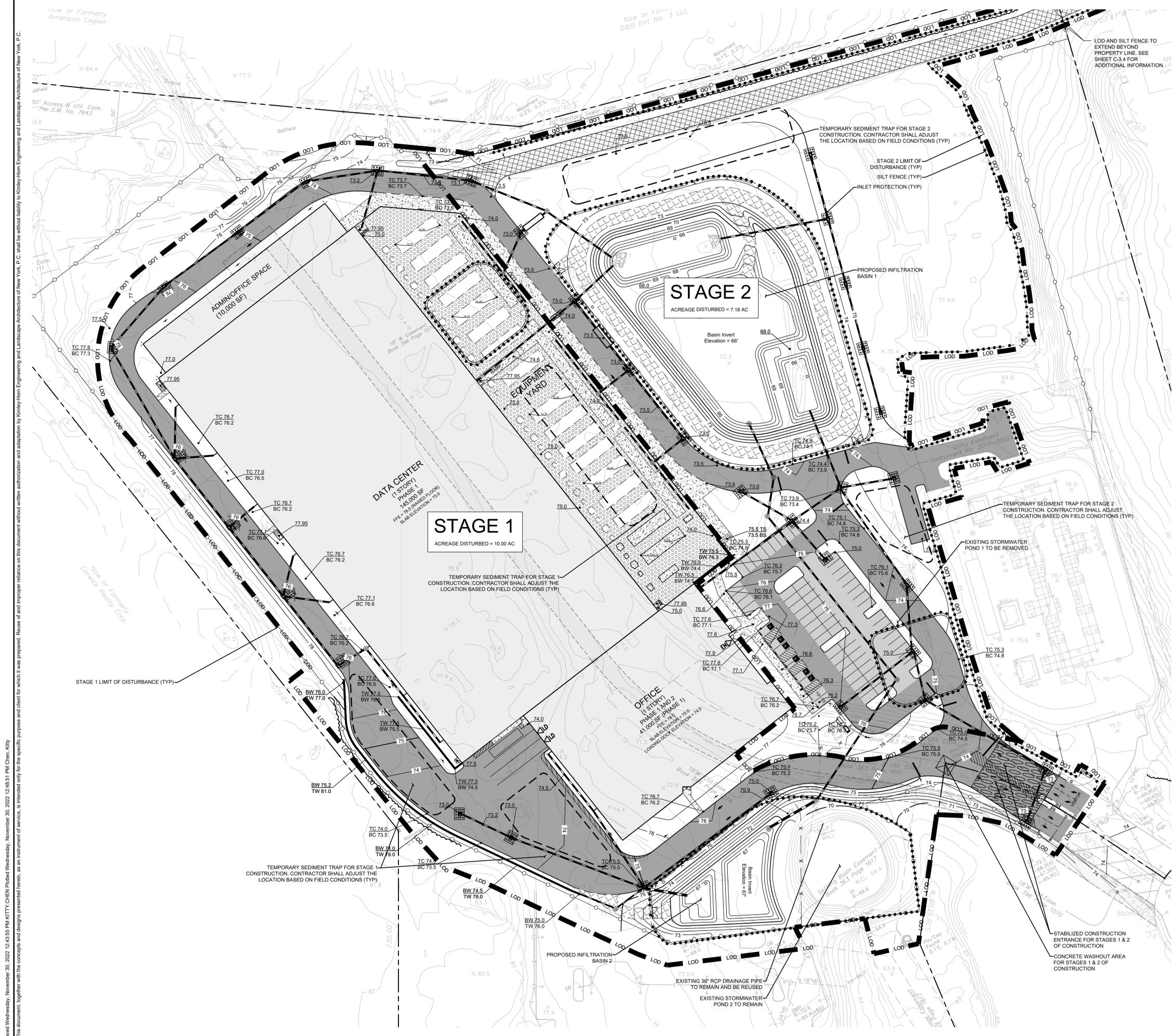


KHA PROJECT	112117011
DATE	01-27-2022
SCALE	AS SHOWN
DESIGNED BY:	
DRAWN BY:	BMD
CHECKED BY:	DL

**ROOF LEADER AND
TRENCH DRAIN
PROFILES**

DATABANK ORANGEBURG
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 TOWN OF ORANGEBURG NEW YORK

SHEET NUMBER
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LEGEND

- LOD
- LIMITS OF DISTURBANCE - TOTAL 17.8 AC STAGE 1: 10.00 AC STAGE 2: 7.18 AC
- CONSTRUCTION ENTRANCE (SEE EROSION CONTROL DETAILS)
- TEMPORARY SEDIMENT BASIN
- SILT FENCE (SEE EROSION CONTROL DETAILS)
- INLET PROTECTION (SEE EROSION CONTROL DETAILS)
- CONCRETE WASHOUT (SEE EROSION CONTROL DETAILS) (TO BE DETERMINED BY CONTRACTOR)

NOTES

- CONTRACTOR TO NOTIFY TOWN OF ORANGETOWN SEWER INSPECTOR AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION WORK ON OR NEAR EXISTING OR PROPOSED SANITARY SEWER FACILITIES.

SURVEY AND ELEVATION NOTES

- ELEVATION 0.0 SHOWN ON ARCHITECTURAL AND STRUCTURAL DRAWINGS EQUALS ELEVATION 78.0 ON CIVIL DRAWINGS.
- ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 DATUM PER STATIC GPS OBSERVATIONS.
- NO SOURCE BENCHMARK IS UTILIZED.

STAGE 1 CONSTRUCTION SEQUENCE

STAGE 1 (LOD IS 10.00 AC):

- MOBILIZATION
- INSTALL EROSION CONTROL MEASURES WITHIN THE LIMIT OF DISTURBANCE - STABILIZED CONSTRUCTION ENTRANCE, SILT FENCE, INLET PROTECTION ON EXISTING STORM STRUCTURES, CONCRETE WASHOUT AREA.
- INSTALL TEMPORARY SEDIMENT BASINS, DIRECT RUNOFF FROM THE CONSTRUCTION AREA TO THE TEMPORARY BASINS.
- PARKING LOT, PAVEMENT, PORTIONS OF EXISTING BUILDINGS REMOVAL, SITE CLEARING.
- REMOVE EXISTING UTILITIES AND DRAINAGE STRUCTURES WITHIN THE LOD, EXISTING 36" RCP DRAINAGE PIPE LEADING INTO STORMWATER POND 2 TO REMAIN AND INDICATED.
- ROUGH GRADE STAGE 1 AREA.
- INSTALL UTILITIES INCLUDING STORM DRAINAGE, SANITARY SEWER, WATER LINES, TELECOM, ELECTRIC AND GAS LINES. INSTALL INLET PROTECTION ON NEW STORM STRUCTURES. CONSTRUCT INFILTRATION BASIN 2.
- EXISTING BUILDING RENOVATIONS, CONSTRUCT BUILDING ADDITIONS, BASE PAVEMENT AND CURBING.
- INSTALL TREES, SHRUBS AND PERMANENT SOIL STABILIZATION MEASURES.
- REMOVE CONSTRUCTION ENTRANCE ONCE AREAS ARE STABILIZED WITH STONE AND PRIOR TO INSTALLATION OF BASE COURSE.
- COLLECT SILT AND SEDIMENT AND PLACE ON SITE. PRIOR TO REMOVAL OF SILT FENCE, REMOVE TEMPORARY DIVERSIONS, SILT AND SEDIMENT FROM SEDIMENT TRAPS, ETC. AND SEED OR STABILIZE ANY RESULTING BARE AREAS PER THE DESIGN PLANS.
- INSTALL FINAL PAVEMENT AND STRIPING.
- REMOVE SILT FENCE AND INLET PROTECTION.
- ESTIMATED TOTAL TIME OF CONSTRUCTION: 12 MONTHS

STAGE 2 CONSTRUCTION SEQUENCE

STAGE 2 (LOD IS 7.18 AC):

- MOBILIZATION
- INSTALL EROSION CONTROL MEASURES WITHIN THE LIMIT OF DISTURBANCE - STABILIZED CONSTRUCTION ENTRANCE, SILT FENCE, INLET PROTECTION ON EXISTING STORM STRUCTURES, CONCRETE WASHOUT AREA.
- INSTALL TEMPORARY SEDIMENT BASINS, DIRECT RUNOFF FROM THE CONSTRUCTION AREA TO THE TEMPORARY BASINS.
- REMOVE EXISTING PAVEMENT, UTILITIES, DRAINAGE STRUCTURES WITHIN LOD.
- REMOVE EXISTING STORMWATER POND LOCATED EAST OF THE SUBSTATION.
- ROUGH GRADE STAGE 2 AREA.
- INSTALL PROPOSED UTILITIES INCLUDING STORM DRAINAGE, SANITARY SEWER, WATER LINES, TELECOM, ELECTRIC AND GAS LINES. INSTALL INLET PROTECTION ON NEW STORM STRUCTURES. CONSTRUCT INFILTRATION BASIN 1. CONSTRUCT PROPOSED PARKING LOT AREA.
- INSTALL TREES, SHRUBS AND PERMANENT SOIL STABILIZATION MEASURES.
- REMOVE CONSTRUCTION ENTRANCE ONCE AREAS ARE STABILIZED WITH STONE AND PRIOR TO INSTALLATION OF BASE COURSE.
- COLLECT SILT AND SEDIMENT AND PLACE ON SITE. PRIOR TO REMOVAL OF SILT FENCE, REMOVE TEMPORARY DIVERSIONS, SILT AND SEDIMENT FROM SEDIMENT TRAPS, ETC. AND SEED OR STABILIZE ANY RESULTING BARE AREAS PER THE DESIGN PLANS.
- INSTALL FINAL PAVEMENT AND STRIPING.
- REMOVE SILT FENCE AND INLET PROTECTION.
- ESTIMATED TOTAL TIME OF CONSTRUCTION: 4 MONTHS

DISCLAIMER

1. THE SEQUENCE OF CONSTRUCTION SHOWN ABOVE IS A GENERAL OVERVIEW AND IS INTENDED TO CONVEY THE GENERAL CONCEPTS OF THE EROSION CONTROL DESIGN AND SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETAILED PHASING AND CONSTRUCTION SEQUENCING NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS INCLUDED IN THESE PLANS. THE CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IMMEDIATELY PRIOR TO AND/OR DURING CONSTRUCTION IF ANY ADDITIONAL INFORMATION ON THE CONSTRUCTION SEQUENCE IS NECESSARY. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ALL OTHER APPLICABLE LAWS.

NO.	DATE	BY	REVISIONS
5	12/01/22	KH	ISSUED FOR PLANNING BOARD REVIEW
4	09/20/22	KH	ISSUED FOR ACAD/PLANNING BOARD REVIEW
3	05/13/22	KH	SITE PLAN REVISIONS
2	04/14/22	KH	SITE PLAN SUBMISSION
1	03/29/22	KH	50% DPs

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 1 NORTH LEXINGTON AVENUE, SUITE 505
 WHITE PLAINS, NY 10601
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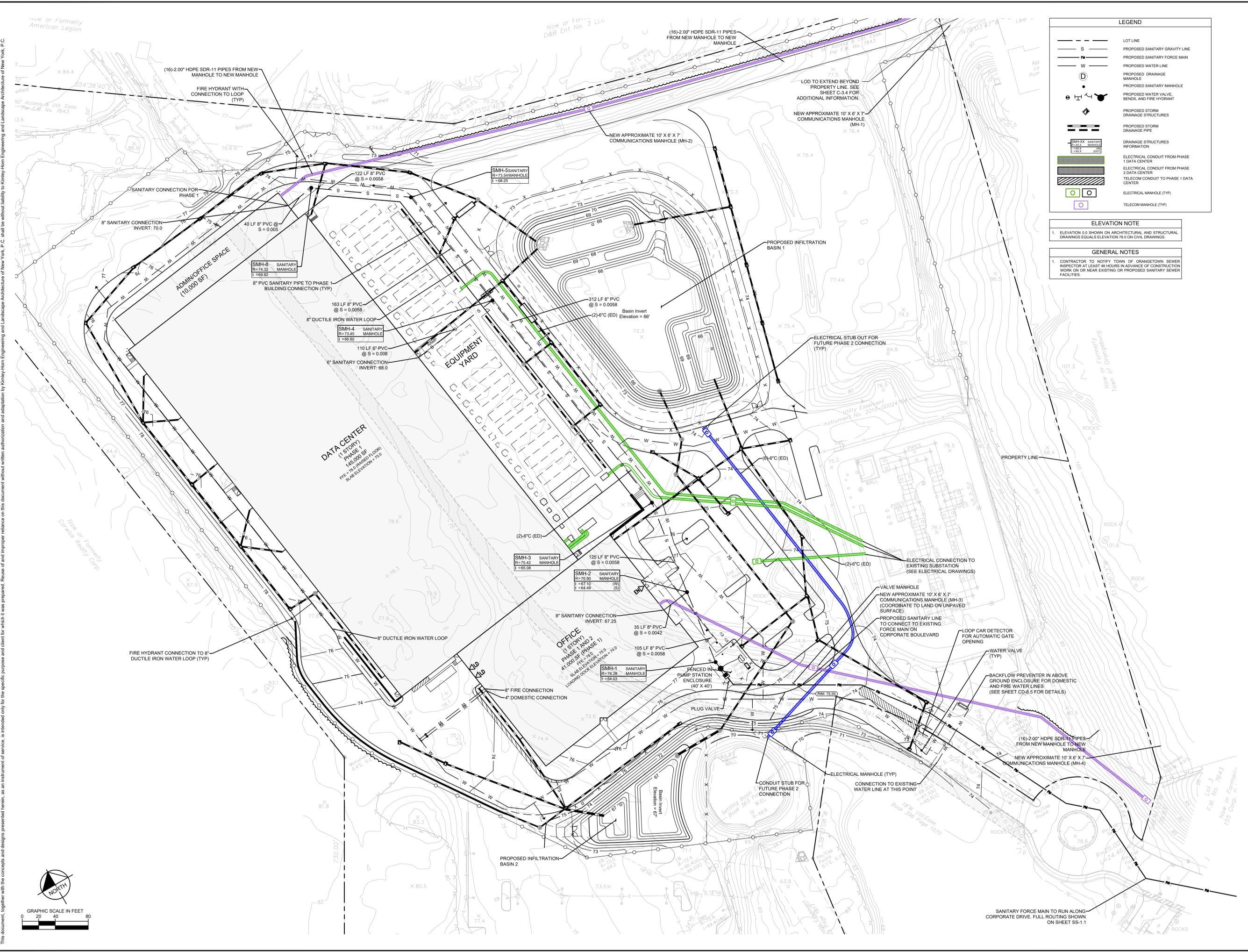
KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	BMD	DL
112117011	01-27-2022	AS SHOWN				

CONSTRUCTION PHASING PLAN

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 2000 CORPORATE DRIVE
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 NEW YORK

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LEGEND

- LOT LINE
- PROPOSED SANITARY GRAVITY LINE
- PROPOSED SANITARY FORCE MAIN
- PROPOSED WATER LINE
- PROPOSED DRAINAGE MANHOLE
- PROPOSED SANITARY MANHOLE
- PROPOSED WATER VALVE, BENDS, AND FIRE HYDRANT
- PROPOSED STORM DRAINAGE STRUCTURES
- PROPOSED STORM DRAINAGE PIPE
- DRAINAGE STRUCTURES INFORMATION
- ELECTRICAL CONDUIT FROM PHASE 1 DATA CENTER
- ELECTRICAL CONDUIT FROM PHASE 2 DATA CENTER
- TELECOM CONDUIT TO PHASE 1 DATA CENTER
- ELECTRICAL MANHOLE (TYP)
- TELECOM MANHOLE (TYP)

ELEVATION NOTE

1. ELEVATION 0.0 SHOWN ON ARCHITECTURAL AND STRUCTURAL DRAWINGS EQUALS ELEVATION 78.0 ON CIVIL DRAWINGS.

GENERAL NOTES

1. CONTRACTOR TO NOTIFY TOWN OF ORANGETOWN SEWER INSPECTOR AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION WORK ON OR NEAR EXISTING OR PROPOSED SANITARY SEWER FACILITIES.

NO.	REVISIONS	DATE	BY
5	ISSUED FOR PLANNING BOARD REVIEW	12/01/22	KH
4	ISSUED FOR ACAD/PLANNING BOARD REVIEW	09/20/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
2	SITE PLAN SUBMISSION	04/14/22	KH
1	50% DPs	03/29/22	KH
	REVISIONS		

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UTILITY PLAN

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 ORANGETOWN, NY 10962

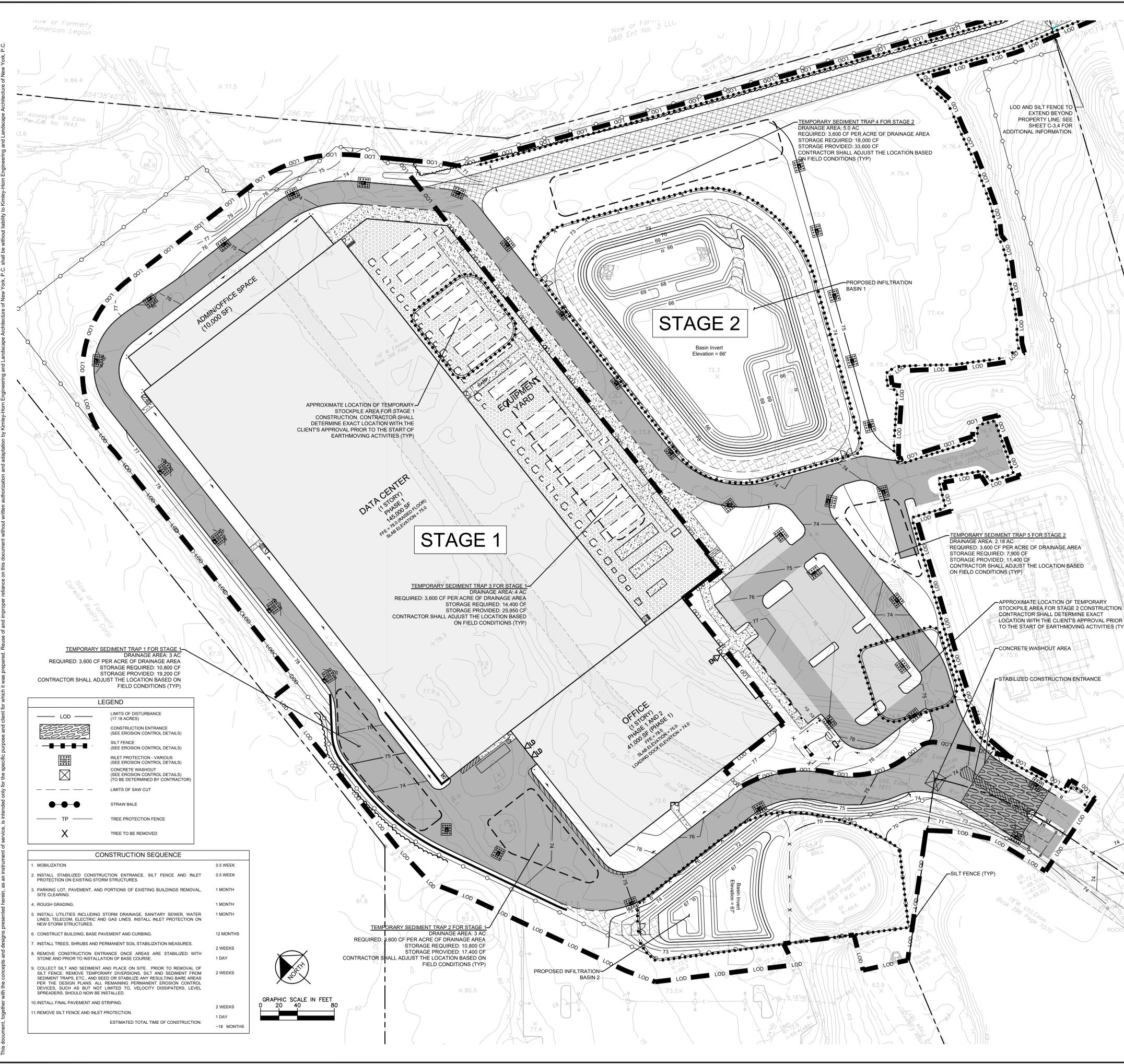
NEW YORK

TOWN OF ORANGETOWN

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EROSION AND SEDIMENT CONTROL NOTES

- GENERAL NOTES**
- ALL EASC MEASURES SHALL BE INSTALLED AND MAINTAINED PER NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, DATED NOVEMBER 2016, OR LATEST REVISION THEREOF.
 - THE OWNER/APPLICANT MUST ENSURE THAT TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENT CONTROL FEATURES ARE DESIGNED, INSTALLED AND MAINTAINED FOR THE DURATION OF THE PROJECT. IN ORDER TO PREVENT SOIL DISTURBANCES FROM CONSTRUCTION OPERATIONS FROM HAVING A NEGATIVE OR ADVERSE EFFECT TO ADJACENT PROPERTY.
 - ANY IMPORTED TOPSOIL SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS FOR QUALITY AND USE.
 - TEMPORARY SEDIMENT TRAPPING EAS CONTROLS ARE NOT TO BE REMOVED UNTIL PERMANENT STABILIZATION (80% UNIFORM DENSITY OF PERMANENT VEGETATION OR PERMANENT MULCHSTONE) IS ESTABLISHED IN ALL CONTRIBUTORY DRAINAGE AREAS PER THE NOVEMBER 2016 NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL OR LATEST REVISION THEREOF.
- DESCRIPTION OF WORK**
- PROVIDE MEANS NECESSARY TO INSTALL, INSPECT AND MAINTAIN, AND REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE DRAWINGS AND AS REQUIRED TO MINIMIZE THE EROSION AND UNSPECIFIED TRANSPORT OF SOIL FROM THE SITE.
- QUALITY ASSURANCE**
- GENERAL
 - INSTALL AND MAINTAIN IN COMPLIANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES. RETAIN A COPY OF THE PROJECT'S NOTICE OF INTENT (NOI), A BRIEF DESCRIPTION OF THE PROJECT, POST IN A PROMINENT PLACE FOR PUBLIC VIEWING, AND A COPY OF THE PROJECT'S STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AT THE CONSTRUCTION SITE FROM THE DATE OF INITIATION OF CONSTRUCTION ACTIVITIES TO THE DATE OF NOTICE IF TERMINATION (NOT) SUBMISSION.
 - INSTALL ALL EROSION AND SEDIMENT MEASURES IN ACCORDANCE WITH THE DRAWINGS OR NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, AUGUST 2005 OR LATEST REVISION THEREOF.
 - GRADE AND MAINTAIN SITE AT ALL TIMES SUCH THAT ALL STORMWATER RUNOFF FROM DISTURBED AREAS IS DIVERTED TO SOIL EROSION AND SEDIMENTATION CONTROL FACILITIES.
 - NO CHANGES TO THE SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE WITHOUT APPROVAL OF THE OWNER'S REPRESENTATIVE.
 - NO MORE THAN 5 ACRES OF SOIL CAN BE DISTURBED AT ANY TIME WITHOUT A 5-ACRE WAIVER ISSUED BY THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION. ALL DISTURBED AREAS SHALL BE PROTECTED BY EROSION AND SEDIMENT CONTROL MEASURES.
 - THE CONTRACTOR SHALL COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS RELATING TO THE PREVENTION AND ABATEMENT OF POLLUTION.
 - PRODUCT DATA
 - SUBMIT MANUFACTURER'S CATALOGUE CUTS, SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR SILT FENCES, FILTER FABRICS, EROSION CONTROL BLANKETS, TRASH RACKS, ANTI-SHEET COLLARS, SEDIMENT TRAP RISER AND BARREL PIPES, AND DEWATERING DEVICES TO THE DESIGN ENGINEER FOR REVIEW AND ACCEPTANCE.
- WORK SCHEDULE**
- PRE-CONSTRUCTION PHASE
 - INSTALL STABILIZED CONSTRUCTION ENTRANCES.
 - PRIOR TO EARTHWORK OPERATIONS OR THE IMPORTATION OF FILL MATERIAL, INSTALL PERIMETER SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCES.
 - PROTECT EXISTING PIPING TO REMAIN IN PLACE MAINTAINING ELEVATIONS.
 - GRADE OUT TO LOW POINTS AND INSTALL AND MAINTAIN TEMPORARY DEWATERING SYSTEMS AS REQUIRED.
 - CONVERT EXISTING OPEN GRATES ON STORM DRAIN STRUCTURES SHOWN TO REMAIN.
 - CONSTRUCTION PHASE
 - PROVIDE NECESSARY MEANS TO INSPECT AND MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED TO PREVENT SOIL EROSION AND SEDIMENTATION UNTIL THEIR REMOVAL AS SPECIFIED. INSPECT MEASURES DAILY AND WITHIN 24 HOURS OF THE END OF A 0.5 INCH OR GREATER STORM EVENT. MAINTENANCE SHALL BE COMPLETED WITHIN 5 CALENDAR DAYS OF DETERMINING ITS NEED.
 - PROVIDE NECESSARY DUST CONTROL WITH WATER AND/OR WIND BARRIERS TO MINIMIZE FUGITIVE DUST.
 - KEEP PAVED SURFACES SWEEP CLEAN AT ALL TIMES.
 - TEMPORARILY STABILIZE AS SPECIFIED AND AS REQUIRED ALL INACTIVE AREAS TO REDUCE DISTURBED AREAS.
 - FOLLOW FINISH GRADING, INSTALL TEMPORARY OR PERMANENT STABILIZATION.
 - IMMEDIATELY FOLLOWING THE INSTALLATION OF CATCH BASIN INLETS, INSTALL INLET PROTECTION.
 - POST-CONSTRUCTION PHASE
 - STABILIZE WATERSHED AND HAVE OWNER'S REPRESENTATIVE REVIEW AND ACCEPT.
 - ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES ARE TO REMAIN IN PLACE PENDING THE START OF PERMANENT CONSTRUCTION ON-SITE OR AS OTHERWISE DIRECTED BY EITHER THE OWNER'S REPRESENTATIVE AND VILLAGE ENGINEER.
- PRODUCTS AND EXECUTION**
- NO PUMPING OR DEWATERING INTO THE EXISTING STORMWATER SEWER MAIN WITHOUT PRE-FILTERING AS APPROVED BY THE VILLAGE ENGINEER.
 - SILT FENCE: SILT FENCE FABRIC SHALL BE MIRAFI 100X OR APPROVED EQUAL. WOOD POSTS SHALL BE OF SOUND QUALITY HARDWOOD, A MINIMUM 36 INCHES SQUARE AND TWO INCHES THICK. METAL POSTS SHALL BE STANDARD 1 AND 1/2 SECTION WEIGHING NOT LESS THAN ONE POUND PER LINEAR FOOT. WIRE FENCE BACKING SHALL BE A MINIMUM 14 GAUGE WITH A MAXIMUM 6 INCH SPACING AND SECURELY ATTACHED TO FENCE POSTS.
 - COR LOGS: WOOD POSTS SHALL BE OF SOUND QUALITY HARDWOOD, A MINIMUM 36 INCHES LONG AND TWO INCHES SQUARE. METAL POSTS SHALL BE STANDARD 1 AND 1/2 SECTION WEIGHING NOT LESS THAN ONE POUND PER LINEAR FOOT. THERE SHALL BE A MINIMUM THREE POSTS PER EACH LOG LENGTH AND SHALL EXTEND A MINIMUM OF 12 INCHES INTO THE GROUND. THE CONTRACTOR SHALL REMOVE SEDIMENT DEPOSITS WHEN DEPOSITS REACH TO HALF THE HEIGHT OF THE COR LOG.
 - EROSION CONTROL BLANKETS: EROSION CONTROL BLANKETS SHALL BE E8C-2 BY EAST COAST, OR APPROVED EQUAL.
 - STABILIZED CONSTRUCTION ENTRANCE: THE FILTER FABRIC SHALL BE MIRAFI 600X OR APPROVED EQUAL. THE CONTRACTOR SHALL KEEP THE ROADWAYS WITHIN THE PERIMETER OF SOIL AND DEBRIS AND IS RESPONSIBLE FOR ANY STREET CLEANING NECESSARY DURING THE COURSE OF THE PROJECT.
 - TEMPORARY STABILIZATION
 - ESTABLISHMENT OF TEMPORARY GRASS COVER: PREPARE SEED BED, SCARIFY IF COMPACTED, REMOVE DEBRIS AND OBSTACLES SUCH AS ROCKS AND STUMPS AND SEED WITH 24 HOURS. AMEND SOIL TO pH OF 6.0 AND FERTILIZE AT A RATE OF 14 LBS. PER 1,000 SF WITH A 5-10-10 OR EQUIVALENT FERTILIZER. WORK AMENDMENTS A MINIMUM OF 4 INCHES INTO SOIL. IF SEEDING IN OCTOBER/NOVEMBER, SEED SHALL BE CERTIFIED ARCOSTOOK WINTER RYE AT 100 LBS. PER ACRE, OTHERWISE SEED SHALL BE RYEGRASS (ANNUAL OR PERENNIAL) AT 30 LBS. PER ACRE.
 - TREAT ALL DISTURBED AREAS WITHIN 500 FEET OF AN UNINHABITED BUILDING AS NECESSARY TO PROVIDE DUST CONTROL. COVER WITH MULCH TO ALL STATIONS GOVERNING THESE ACTIVITIES.
 - CONSTRUCTION VEHICLES: WASH DOWN ALL CONSTRUCTION VEHICLES AND COVER WITH TARPULINS AS NECESSARY TO PREVENT VEHICLE TRANSPORT OF SEDIMENTS OFF-SITE.
 - PROVIDE MEASURES FOR TRUCK AND TOOL WASH WATER TO BE TREATED PRIOR TO DISCHARGE TO NATURAL AREAS.
 - NO UNFILTERED DISCHARGE FROM ANY UNSTABILIZED AREAS SHALL BE ALLOWED TO ENTER ANY PERMANENT DRAINAGE OR FILTRATION FACILITIES.
- DUST CONTROL**
- CONSTRUCTION OPERATIONS SHOULD BE SCHEDULED TO MINIMIZE THE AMOUNT OF AREA DISTURBED AT ONE TIME.
 - BUFFER AREAS OF VEGETATION SHOULD BE LEFT WHERE PRACTICAL.
 - TEMPORARY OR PERMANENT STABILIZATION MEASURES SHALL BE INSTALLED.
 - NON-DRIVING AREAS: THESE AREAS USE PRODUCTS AND MATERIALS APPLIED OR PLACED ON SOIL SURFACES TO PREVENT AIRBORNE MIGRATION OF SOIL PARTICLES.
 - VEGETATIVE COVER: FOR DISTURBED AREAS NOT SUBJECT TO TRAFFIC, VEGETATION PROVIDES THE MOST PRACTICAL METHOD OF DUST CONTROL.
 - MULCH OFFERS A FAST EFFECTIVE MEANS OF CONTROLLING DUST. THIS CAN ALSO INCLUDE ROLLED EROSION CONTROL BLANKETS.
 - DRIVING AREAS: THESE AREAS UTILIZE WATER AND BARRIERS TO PREVENT DUST MOVEMENT FROM THE TRAFFIC SURFACES INTO THE AIR.
 - SPRINKLING: THE SITE MAY BE SPRAYED WITH WATER UNTIL THE SURFACE IS WET. THIS IS ESPECIALLY EFFECTIVE ON TRAILROADS AND ACCESS ROUTES.
 - BARRIERS: WOVEN GEOTEXTILES CAN BE PLACED ON THE DRIVING SURFACE TO EFFECTIVELY REDUCE DUST TROW AND PARTICLE MIGRATION ON HAUL ROUTES. STONE CAL ALSO BE USED FOR CONSTRUCTION ROADS FOR EFFECTIVE DUST CONTROL.
 - WIND BREAK: A SILT FENCE OR SIMILAR BARRIER CAN CONTROL AIR CURRENT AT INTERVALS EQUAL TO TEN TIMES THE BARRIER HEIGHT. PRESERVE EXISTING WIND BARRIER VEGETATION AS MUCH AS PRACTICAL.
 - MAINTENANCE: MAINTAIN DUST CONTROL MEASURES THROUGH DRY WEATHER PERIODS UNTIL ALL DISTURBED AREAS ARE STABILIZED.

ELEVATION NOTE

- ELEVATION 0.0 SHOWN ON ARCHITECTURAL AND STRUCTURAL DRAWINGS EQUALS ELEVATION 78.0 ON CIVIL DRAWINGS.

GENERAL NOTES

- CONTRACTOR TO NOTIFY TOWN OF ORANGETOWN SEWER INSPECTOR AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION WORK ON OR NEAR EXISTING OR PROPOSED SANITARY SEWER FACILITIES.

DISCLAIMER

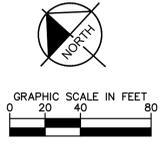
1. THE SEQUENCE OF CONSTRUCTION SHOWN ABOVE IS A GENERAL OVERVIEW AND IS INTENDED TO CONVEY THE GENERAL CONCEPTS OF THE EROSION CONTROL DESIGN AND SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETAILED PHASING AND CONSTRUCTION SEQUENCING NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS DESCRIBED IN THESE PLANS. THE CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IMMEDIATELY, PRIOR TO AND/OR DURING CONSTRUCTION IF ANY ADDITIONAL INFORMATION ON THE CONSTRUCTION SEQUENCE IS NECESSARY. CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ALL OTHER APPLICABLE LAWS.

TEMPORARY SEDIMENT TRAP 1 FOR STAGE 1
 DRAINAGE AREA: 3 AC
 REQUIRED: 3,600 CF PER ACRE OF DRAINAGE AREA
 STORAGE REQUIRED: 10,800 CF
 STORAGE PROVIDED: 19,200 CF
 CONTRACTOR SHALL ADJUST THE LOCATION BASED ON FIELD CONDITIONS (TYP)

- LEGEND**
- LOD (17.18 ACRES)
 - CONSTRUCTION ENTRANCE (SEE EROSION CONTROL DETAILS)
 - SILT FENCE (SEE EROSION CONTROL DETAILS)
 - INLET PROTECTION - VARIOUS (SEE EROSION CONTROL DETAILS)
 - CONCRETE WASHOUT (SEE EROSION CONTROL DETAILS) (TO BE DETERMINED BY CONTRACTOR)
 - LIMITS OF SAW CUT
 - STRAW BALE
 - TP - TREE PROTECTION FENCE
 - X - TREE TO BE REMOVED

CONSTRUCTION SEQUENCE

1. MOBILIZATION	0.5 WEEK
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE, SILT FENCE AND INLET PROTECTION ON EXISTING STORM STRUCTURES	0.5 WEEK
3. PARKING LOT, PAVEMENT, AND PORTIONS OF EXISTING BUILDINGS REMOVAL, SITE CLEARING	1 MONTH
4. ROUGH GRADING	1 MONTH
5. INSTALL UTILITIES INCLUDING STORM DRAINAGE, SANITARY SEWER, WATER LINES, TELECOM, ELECTRIC AND GAS LINES. INSTALL INLET PROTECTION ON NEW STORM STRUCTURES.	1 MONTH
6. CONSTRUCT BUILDING, BASE PAVEMENT AND CURBING	12 MONTHS
7. INSTALL TREES, SHRUBS AND PERMANENT SOIL STABILIZATION MEASURES.	2 WEEKS
8. REMOVE CONSTRUCTION ENTRANCE ONCE AREAS ARE STABILIZED WITH STONE AND PRIOR TO INSTALLATION OF BASE COURSE.	1 DAY
9. COLLECT SILT AND SEDIMENT AND PLACE ON SITE. PRIOR TO REMOVAL OF SILT FENCE REMOVE TEMPORARY DIVERSIONS, SILT AND SEDIMENT FROM SEDIMENT TRAPS, ETC., AND SEED OR STABILIZE ANY RESULTING BARE AREAS PER THE DESIGN PLANS. ALL REMAINING PERMANENT EROSION CONTROL DEVICES, SUCH AS BUT NOT LIMITED TO, VELOCITY DISSIPATORS, LEVEL SPREADERS, SHOULD NOW BE INSTALLED.	2 WEEKS
10. INSTALL FINAL PAVEMENT AND STRIPING.	2 WEEKS
11. REMOVE SILT FENCE AND INLET PROTECTION.	1 DAY
ESTIMATED TOTAL TIME OF CONSTRUCTION:	-18 MONTHS



NO.	REVISIONS	DATE
1	50% DPs	03/29/22
2		
3		
4		
5		

NOT FOR CONSTRUCTION

Kimley-Horn
 KIMLEY-HORN ENGINEERING AND LANDSCAPE ARCHITECTURE OF NEW YORK, P.C.
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DATABANK



KIM PROJECT	112117011	DATE	01-27-2022	SCALE	AS SHOWN	DESIGNED BY:	BMD	DL
						DRAWN BY:		
						CHECKED BY:		

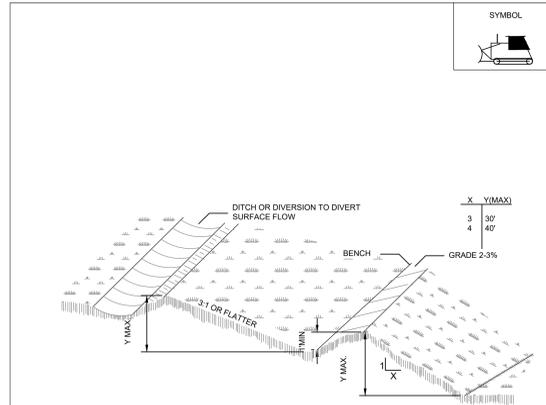
EROSION AND SEDIMENT CONTROL PLAN

DATABANK ORANGETOWN
 2000 CORPORATE DRIVE
 ORANGETOWN, NY 10962
 NEW YORK

SHEET NUMBER
 C-7.0

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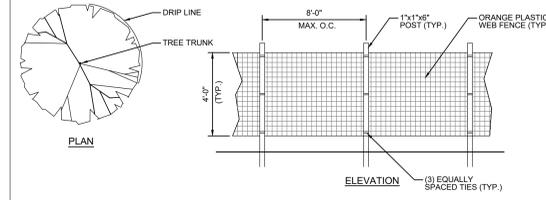
Saved Wednesday, November 30, 2022 12:34:20 PM KITY CHEN Plotted Wednesday, November 30, 2022 12:42:24 PM Chen, Kitty
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- CONSTRUCTION SPECIFICATIONS**
1. ALL GRADED OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED DURING CLEARING AND CONSTRUCTION IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN UNTIL THEY ARE PERMANENTLY STABILIZED.
 2. ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
 3. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN AMOUNT NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS.
 4. AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIAL.
 5. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF FOUR INCHES PRIOR TO PLACEMENT OF TOPSOIL.
 6. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
 7. ALL FILL SHALL BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 9 INCHES IN THICKNESS.
 8. EXCEPT FOR APPROVED LANDFILLS, FILL MATERIAL SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
 9. FROZEN MATERIALS OR SOFT, MUCKY OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED IN FILLS.
 10. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
 11. ALL BENCHES SHALL BE KEPT FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
 12. SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.
 13. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY FOLLOWING FINISHED GRADING.
 14. STOCKPILES, BORROW AREAS AND SPOIL AREAS SHALL BE SHOWN ON THE PLANS AND SHALL BE SUBJECT TO THE PROVISIONS OF THIS STANDARD SPECIFICATION.

LANDGRADING DETAIL AND NOTES

N.T.S. SOURCE: NYSDEC SESC BLUE BOOK

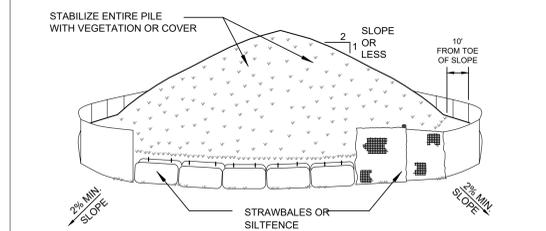


- TREE PROTECTION NOTES:**
1. EXISTING TREES TO REMAIN SHALL BE PROTECTED WITH TEMPORARY EROSION CONTROL FENCE AND HAY BALE BARRIER. ERECT BARRIER AT EDGE OF THE EARTHWORK CUT LINE PRIOR TO TREE CLEARING. LAY OUT THIS LINE BY FIELD SURVEY.
 2. CONTRACTOR SHALL NOT OPERATE VEHICLES WITHIN THE TREE PROTECTION AREA. CONTRACTOR SHALL NOT STORE VEHICLES OR MATERIALS, OR DISPOSE OF ANY WASTE MATERIALS, WITHIN THE TREE PROTECTION AREA.
 3. DAMAGE TO EXISTING TREES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY A CERTIFIED ARBORIST AT THE CONTRACTOR'S EXPENSE.
 4. INSTALL TREE PROTECTION FENCE AT THE DRIP LINE OF EXISTING TREES.

TREE PROTECTION FENCE

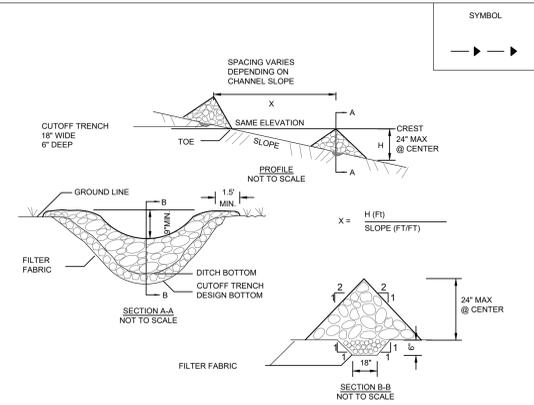
N.T.S. SOURCE: KIMLEY-HORN

- INSTALLATION NOTES:**
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
 2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2:1.
 3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
 4. SEE SILT FENCE DETAIL ON THIS SHEET
 5. TEMPORARILY STABILIZE AS NOTED IN SPECIFICATIONS



SOIL STOCKPILE AREA

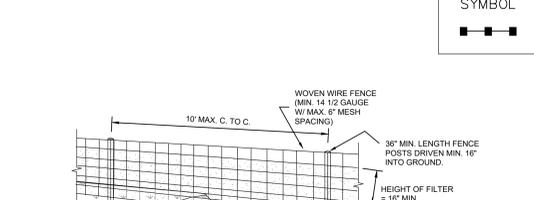
N.T.S. SOURCE: KIMLEY-HORN



- CONSTRUCTION SPECIFICATIONS**
1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
 2. SET SPACING OF CHECK DAMS TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
 3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
 4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
 5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA 2 ACRES.

STONE CHECK DAM

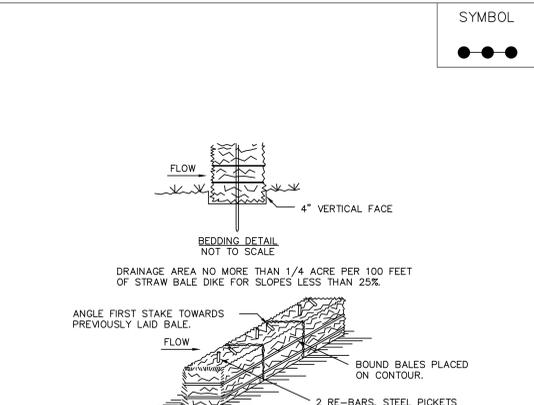
N.T.S. SOURCE: NYSDEC SESC BLUE BOOK



- CONSTRUCTION SPECIFICATIONS**
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER 1\"/>

SILT FENCE

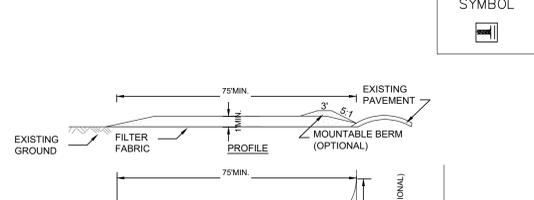
N.T.S. SOURCE: NYSDEC SESC BLUE BOOK



- CONSTRUCTION SPECIFICATIONS**
1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
 2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
 3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH TOP OF BALE.
 4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

STRAW BALE DIKE

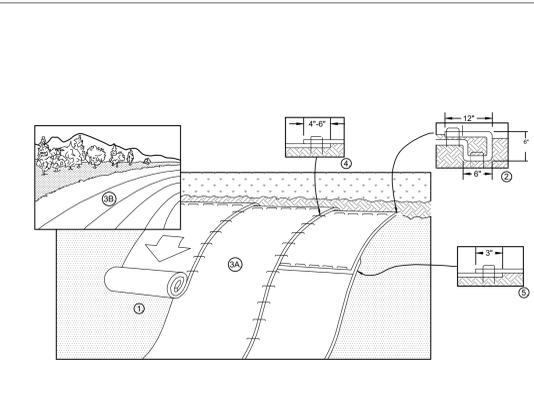
N.T.S. SOURCE: NYSDEC SESC BLUE BOOK



- CONSTRUCTION SPECIFICATIONS**
1. STONE SIZE - USE 3\"/>

STABILIZED CONSTRUCTION ENTRANCE

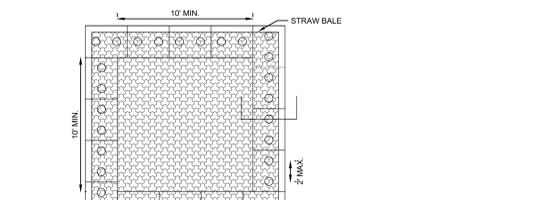
N.T.S. SOURCE: NYSDEC SESC BLUE BOOK



- CONSTRUCTION SPECIFICATIONS**
1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
 2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6\"/>

EROSION CONTROL BLANKET (ERONET P300)

N.T.S. SOURCE: NORTH AMERICAN GREEN



- CONSTRUCTION SPECIFICATIONS**
1. STONE SIZE - USE 3\"/>

CONCRETE WASHOUT AREA

N.T.S. SOURCE: NYSDEC SESC BLUE BOOK

NO.	REVISIONS	DATE	BY
5	ISSUED FOR PLANNING BOARD REVIEW	12/01/22	KH
4	ISSUED FOR ACAD/PLANNING BOARD REVIEW	09/20/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
2	SITE PLAN SUBMISSION	04/14/22	KH
1	50% DPs	03/29/22	KH

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KHIA PROJECT	11217011	DATE	01-27-2022	SCALE	AS SHOWN	DESIGNED BY:	BMD	DL
		DRAWN BY:		CHECKED BY:				

EROSION AND SEDIMENT CONTRL DETAILS

DATABANK ORANGEBURG
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 ORANGEBURG, NY 10962
 NEW YORK

SHEET NUMBER
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SYMBOL

STONE AND BLOCK DROP INLET PROTECTION

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.

2. HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.

3. USE CLEAN STONE OR GRAVEL 1/2-3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER.

4. FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWINGS.

MAXIMUM DRAINAGE AREA 1 ACRE

SYMBOL

STONE OUTLET SEDIMENT TRAP (ST-II)

OPTION: A ONE FOOT LAYER OF N.Y.S. DOT #2 STONE MAY BE PLACED ON THE UPSTREAM SIDE OF THE RIPRAP IN PLACE OF THE EMBEDDED FILTER CLOTH.

CONSTRUCTION SPECIFICATIONS

- AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED.
- THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS AND OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
- ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER.
- THE STONE USED IN THE OUTLET SHALL BE SMALL RIPRAP 4"-8" ALONG WITH A 1" THICKNESS OF 2" AGGREGATE PLACED ON THE UP-GRADE SIDE ON THE SMALL RIPRAP OR EMBEDDED FILTER CLOTH IN THE RIPRAP.
- SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. IT SHALL BE PLACED ON SITE AND STABILIZED.
- THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
- CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND SEDIMENT ARE CONTROLLED.
- THE STRUCTURE SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. MAXIMUM DRAINAGE AREA 5 ACRES

SYMBOL

EXCAVATED DROP INLET PROTECTION

CONSTRUCTION SPECIFICATIONS

- CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
- GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
- WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
- UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES. FILL EXCAVATION WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING. MAXIMUM DRAINAGE AREA 1 ACRE

SYMBOL

FABRIC DROP INLET PROTECTION

CONSTRUCTION SPECIFICATIONS

- FABRIC SHALL HAVE AREAS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
- CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
- STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
- SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
- FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY PASTENED TO THE STAKES AND FRAME.
- A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY. MAXIMUM DRAINAGE AREA 1 ACRE

SYMBOL

TEMPORARY DIVERSION SWALE

INSTALLATION NOTES:

- ALL TEMPORARY SWALES SHALL HAVE INTERRUPTED POSITIVE GRADE TO AN OUTLET.
- DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
- DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY ONTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITIES.
- ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE / DELETERIOUS MATERIALS SHALL BE REMOVED AND DISPOSED OF SO AS TO NOT INTERFERE WITH THE PROPER FUNCTION OF THE SWALE.
- THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
- FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
- ALL EARTH REMOVED AND NOT NEEDED FOR CONSTRUCTION SHALL BE PLACED AS TO NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
- INSPECTION AND MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.
- STABILIZATION SHALL BE AS PER THE CHART BELOW.

FLOW CHANNEL STABILIZATION			
TYPE OF TREATMENT	CHANNEL GRADE	A (5 AC. OR LESS)	B (5 AC. TO 10 AC.)
1	0 TO 3%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3 TO 5%	SEED AND STRAW MULCH	SEED AND JUTE MESH LINED - RIPRAP 2"
3	5 TO 8%	SEED AND JUTE MESH LINED - RIPRAP 2"	LINED - RIPRAP 4 TO 8"
4	8 TO 20%	LINED - RIPRAP 4 TO 8"	ENGINEERED DESIGN

SYMBOL

SILT SACK INLET PROTECTION

NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE CORRECT SIZE DEVICE FOR EACH INLET.
- FOR NON-STANDARD CATCH BASINS AND INLETS, THE CONTRACTOR SHALL MEASURE DIMENSIONS IN THE FIELD AND ORDER THE APPROPRIATE SIZE(S).
- THE INLET SEDIMENT CONTROL DEVICE SHALL BE OF HIGH LOW DESIGN AS PER THE MANUFACTURER'S SPECIFICATIONS.
- THE SEDIMENT CONTROL DEVICE SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED A MINIMUM ONCE PER MONTH OR WITHIN 48 HOURS FOLLOWING A STORM EVENT. FILTER SHALL BE CLEANED IN A MANNER WHICH ENSURES THAT ALL SEDIMENT REMAINS ON SITE.
- SUBSTITUTION OF A SHEET OF FILTER FABRIC PLACED OVER THE OPENING OF THE INLET IS NOT APPROVED.
- RECESSED CURB INLET CATCH BASINS MUST BE BLOCKED WHEN USING FILTER FABRIC INLET SACKS. SIZE OF FILTER INLET SACK TO BE DETERMINED BY THE MANUFACTURER.
- THE FILTER SHALL BE REPLACED OR CLEANED WHEN THE BAG BECOMES HALF FULL.

SYMBOL

SEDIMENT CONTROL LOG

COMPOST SEDIMENT CONTROL LOG (WEIGHTED)

LOG JOINTS

SCL-2. COMPOST SEDIMENT CONTROL LOG (WEIGHTED)

TEMPORARY DIVERSION SWALE

N.T.S. SOURCE: KIMLEY HORN

SILT SACK INLET PROTECTION

N.T.S. SOURCE: NYSDC SESC BLUE BOOK

SEDIMENT CONTROL LOG

N.T.S. SOURCE: URBAN DRAINAGE AND FLOOD CONTROL DISTRICT

NO.	REVISIONS	DATE	BY
5	ISSUED FOR PLANNING BOARD REVIEW	12/01/22	KH
4	ISSUED FOR ACAD/PLANNING BOARD REVIEW	09/20/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
2	SITE PLAN SUBMISSION	04/14/22	KH
1	50% DPs	03/29/22	KH

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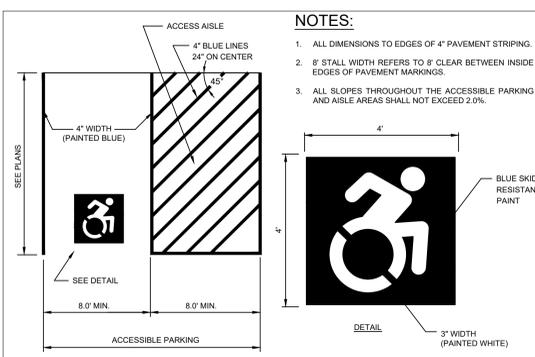
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CHECKED BY:		DRAWN BY:						

EROSION AND SEDIMENT CONTROL DETAILS

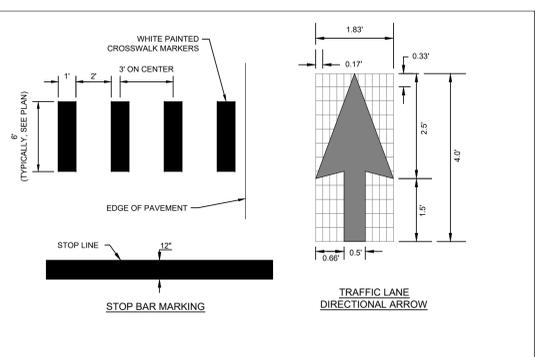
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NEW YORK

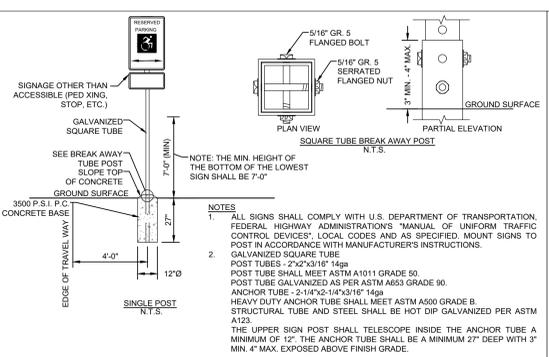
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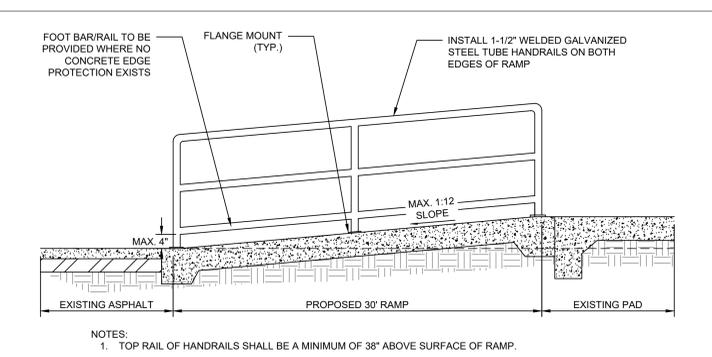
ADA PAVEMENT MARKING
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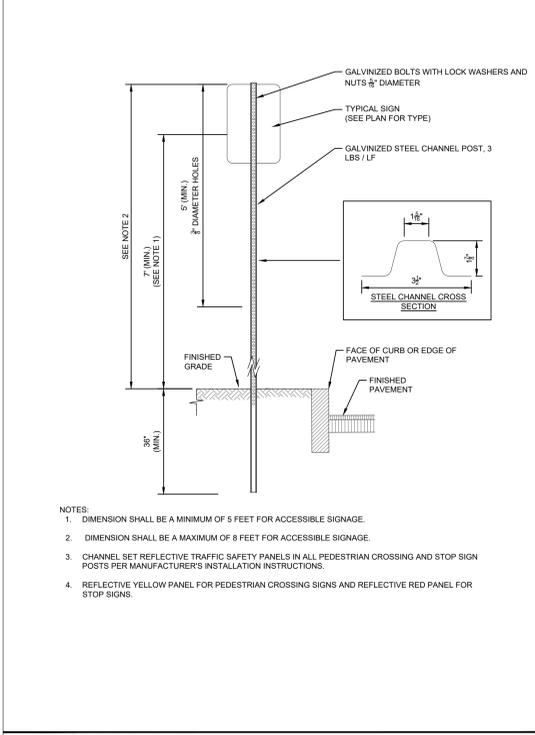
PAVEMENT MARKINGS
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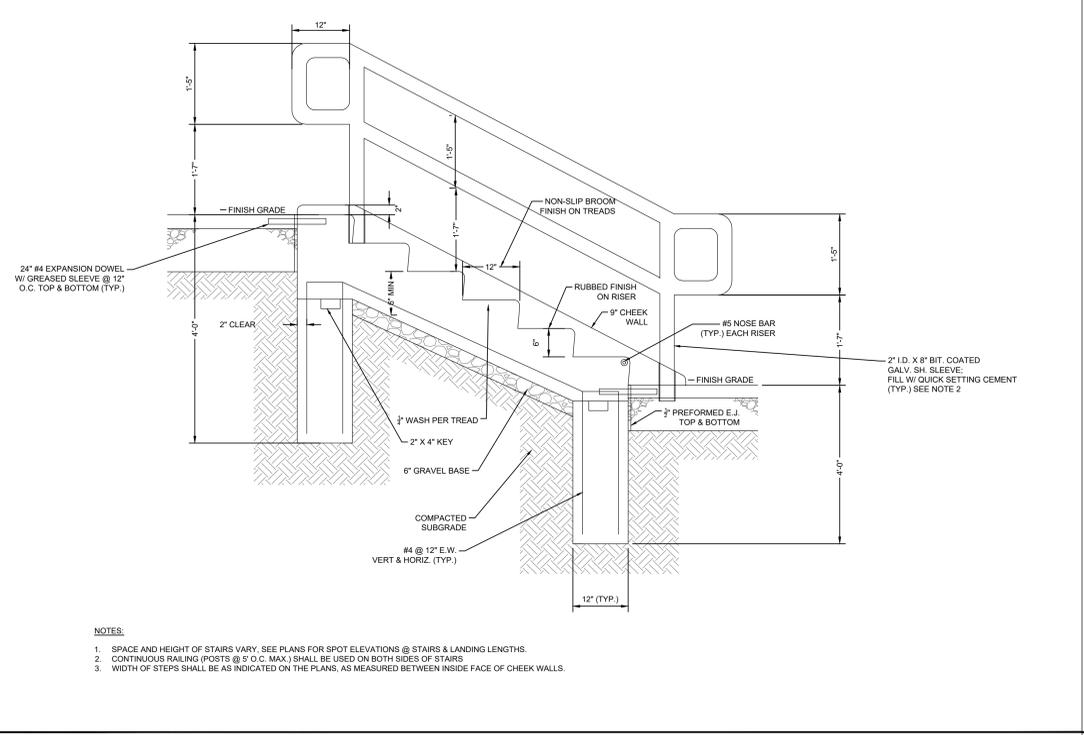
SIGN MOUNTING AND BASE
N.T.S. SOURCE: KHA



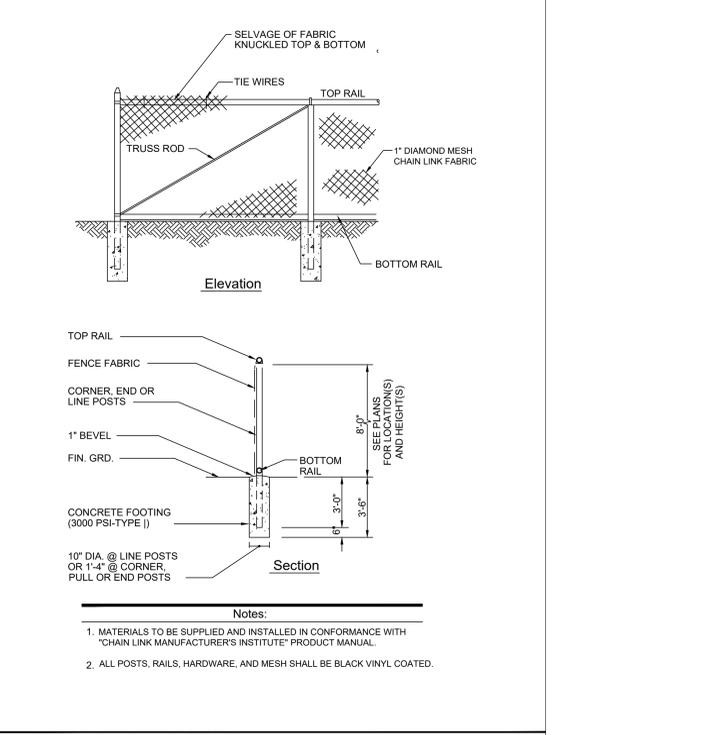
CONCRETE RAMP WITH HANDRAILS
N.T.S. SOURCE: KIMLEY-HORN



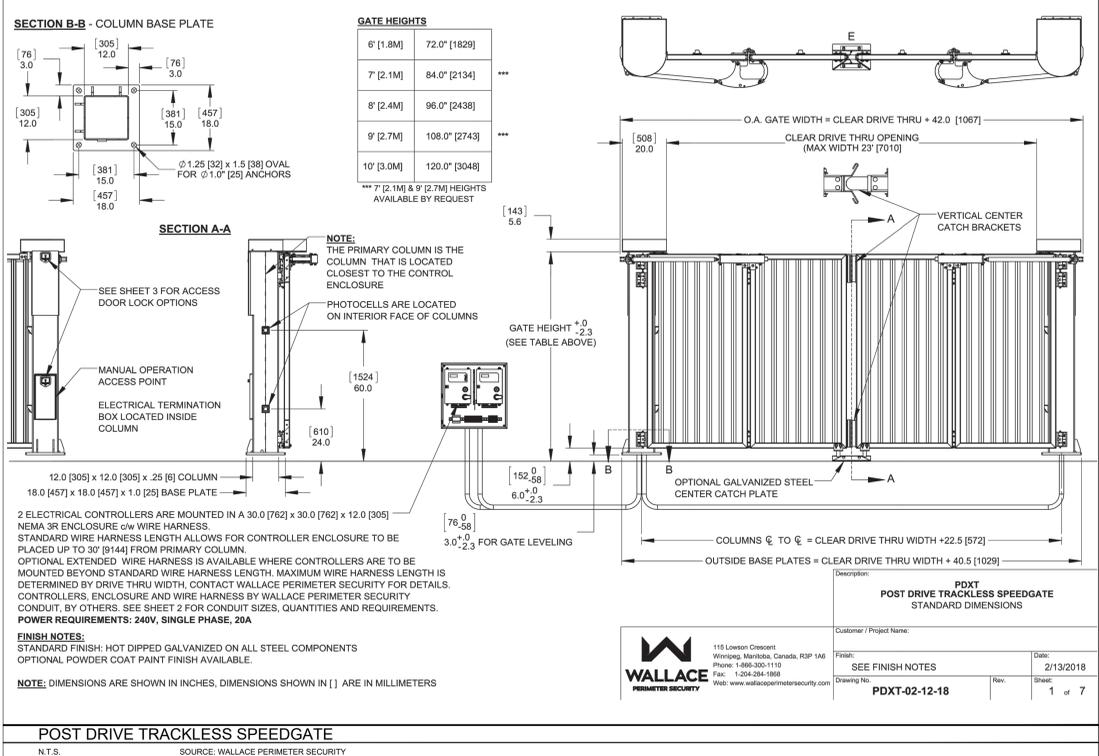
TRAFFIC SIGN POST
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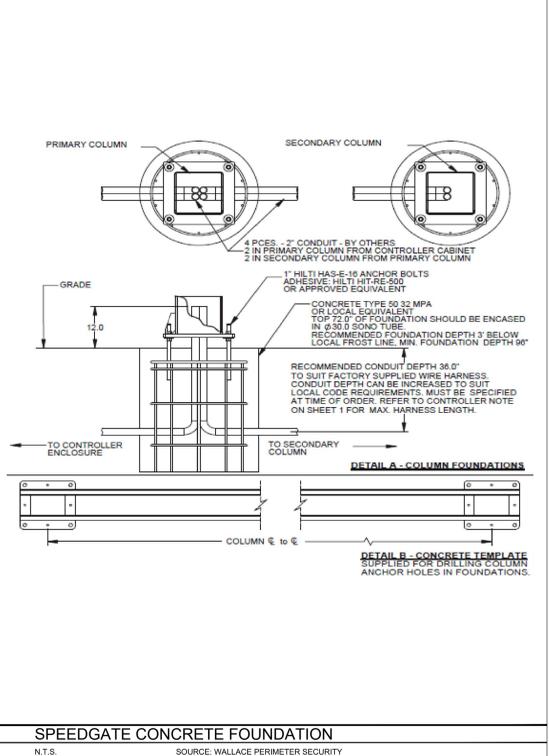
CONCRETE STAIRWELL WITH HANDRAIL
N.T.S. SOURCE: KIMLEY-HORN



4' HIGH CHAIN LINK FENCE
N.T.S. SOURCE: KIMLEY-HORN



POST DRIVE TRACKLESS SPEEDGATE
N.T.S. SOURCE: WALLACE PERIMETER SECURITY



SPEEDGATE CONCRETE FOUNDATION
N.T.S. SOURCE: WALLACE PERIMETER SECURITY

NO.	REVISIONS	DATE	BY
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4	ISSUED FOR ACAB/PLANNING BOARD REVIEW	09/20/22	KH
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1	50% DPs	03/29/22	KH
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DATE	01-27-2022		
SCALE	AS SHOWN		
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SITE DETAILS

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NEW YORK
 TOWN OF ORANGEBURG

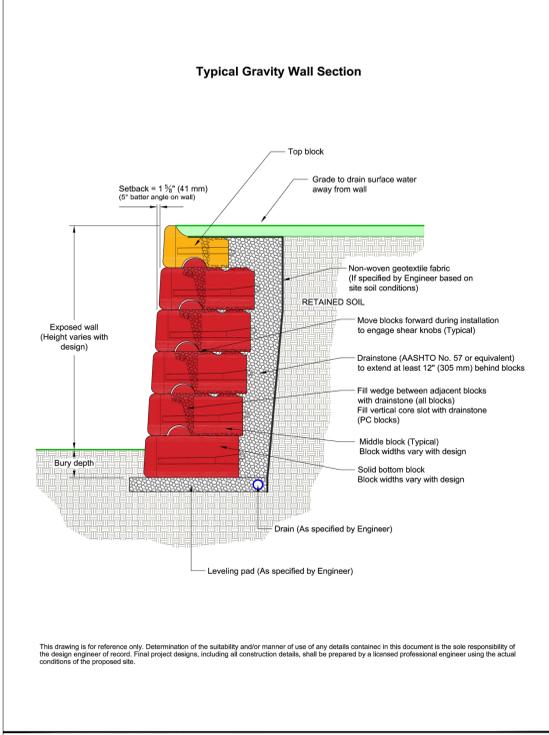
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 115 Lawson Crescent
 Writings, Markham, Canada, R3P 1A8
 Phone: 1-866-300-1110
 Fax: 1-204-284-1988
 Web: www.wallaceperimetersecurity.com

Customer / Project Name: _____
 Title: SEE FINISH NOTES
 Date: 2/13/2018
 Drawing No. PDXT-02-12-18
 Rev. _____
 Sheet 1 of 7

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CT4000 Level 2 Commercial Charging Station

Specifications and Ordering Information

Ordering Information

Specify model number followed by the applicable code(s). The order code sequence is: **Model-Options, Software, Services** and **Misc** are ordered as separate line items.

Hardware

Description	Order Code
1830 mm (6') Single Port Bollard Mount	CT4001
1830 mm (6') Dual Port Bollard Mount	CT4002
1830 mm (6') Single Port Wall Mount	CT4003
1830 mm (6') Dual Port Wall Mount	CT4004
2440 mm (8') Dual Port Bollard Mount	CT4005
2440 mm (8') Dual Port Wall Mount	CT4006

Options

Integral Gateway Modem - USA	-GW1
Integral Gateway Modem - Canada	-GW2

Misc

Power Management Kit	CT4000-PMGMT
Bollard Concrete Mounting Kit	CT4000-CCM

Software & Services

Description	Order Code
ChargePoint Commercial Service Plan	CTSW-SAS-COMM-#
ChargePoint Service Provider Plan	CTSW-SAS-SP-#
ChargePoint Assure	CT4000-ASSURE#
Station Activation and Configuration	CPSUPPORT-ACTIVE
ChargePoint Station Installation and Validation	CT4000-INSTALLVALD

Note: All CT4000 stations require a network service plan.

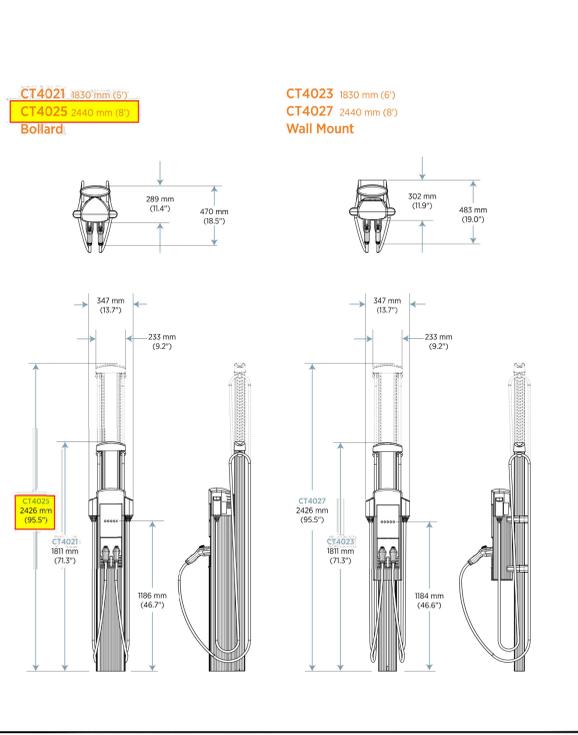
Substitute n for desired years of service (1, 2, 3, 4, or 5 years).
Substitute # for the duration of the coverage (1, 2, 3, 4, or 5 years).

Order Code Examples

Ordering info.	Order code
1830 mm (6') Dual Port Bollard USA Gateway Station with Concrete Mounting Kit	CT4002-GW1-CT4003-CCM
ChargePoint Commercial Service Plan, 3 Year Subscription	CTSW-SAS-COMM-3
ChargePoint Station Installation and Validation	CT4000-INSTALLVALD
2 Years of Assure Coverage	CT4000-ASSURE2
1830 mm (6') Single Port Wall Mount Station	CT4003
ChargePoint Commercial Service Plan, 5 Year Subscription	CTSW-SAS-COMM-5
4 Years of Assure Coverage	CT4000-ASSURE4
Station Activation and Configuration	CPSUPPORT-ACTIVE

CT4001

ENERGY STAR The First ENERGY STAR® Certified EV Charger



KEYSECURE® 5

PRODUCT SPECIFICATIONS

Operating Temperature: -20° to +60° C
Storage Temperature: -40° to +80° C
Power: Vehicle 7-amp 12-volt DC power supply or AC adapter 7-amp 12-volt
Initial Power Stabilization Time: Up to 5 seconds
Construction: Die-cast zinc
Product Weight: 7.6 lbs.
Product Dimension: 0.714 x 4.147W x 3.102 D
Product with WiFi Antenna: WiFi antenna extends an additional 1.02" from side of unit and adds up to 4.14" above the unit when oriented upwards
Finish: Powder coating

FEATURES

- Secures 1 or 2 mechanical keys
- Keeps KnoxConnect Management System: Connect to KnoxConnect via Cloud (WiFi or Ethernet) or Local (USB port)
- Stores up to 5,000 User PIN codes
- Records up to 16,000 audit trail events
- User configuration and access activity tracked by name, date and time
- Access key using 4-8 digit PIN code
- Tamper monitor, with or without 12v power
- Keypad illuminates for day or night visibility
- 2 alert LEDs
- Can hold a Knox FDC Wrench

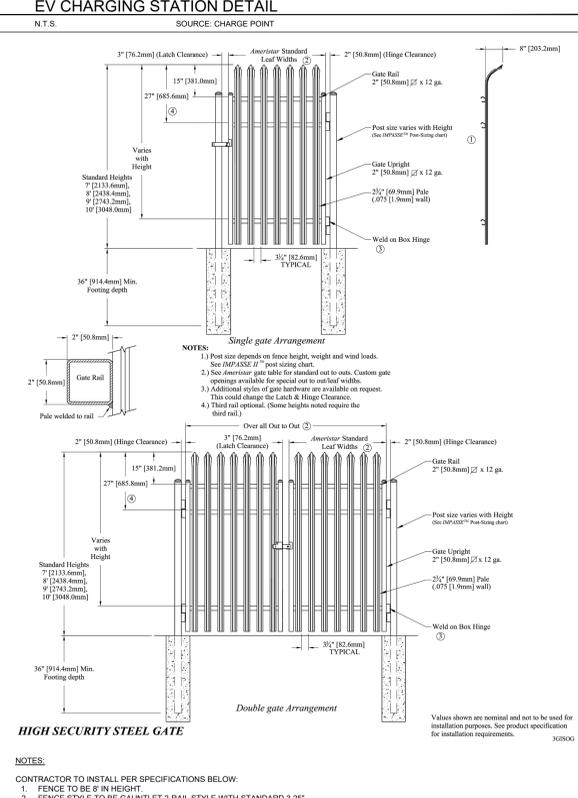
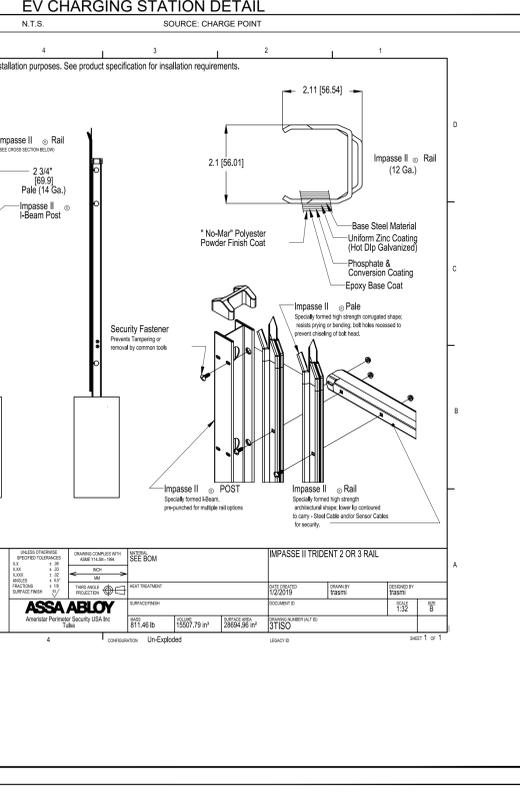
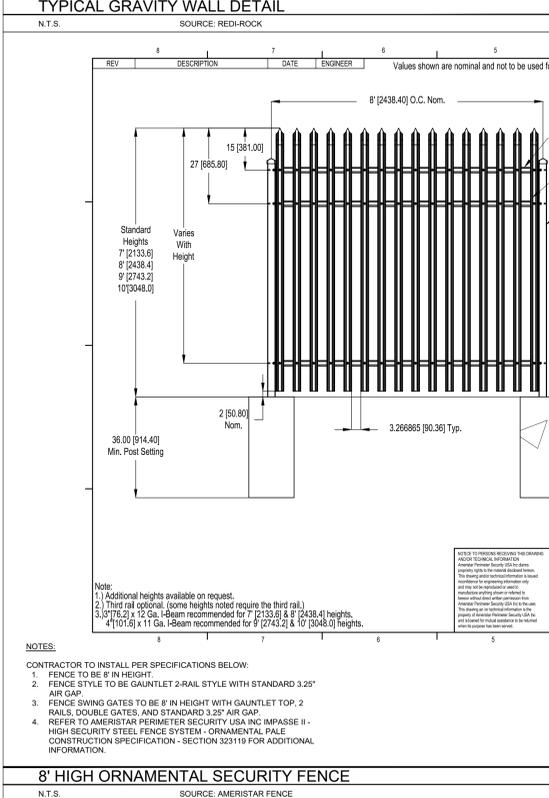
BENEFITS

- Reduces liability of lost keys
- Leverages KnoxConnect to configure devices, manage users and retrieve audit trail information
- Provides ability to secure and support shared systems
- Manages accountability, recording key releases
- Network-enabled, can connect to PC via a WiFi or Ethernet network to collect device history and program user access

OPTIONS

- Cloud or Local-based KnoxConnect Management System
- 80°, 90°, or flat-mount bracket

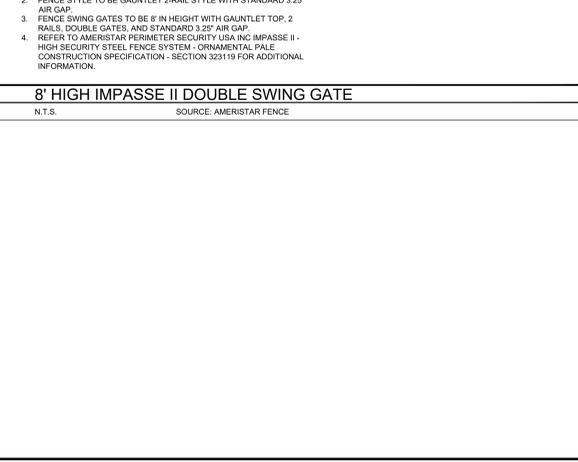
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KNOX RAPID ACCESS SYSTEM

N.T.S. SOURCE: KNOX COMPANY

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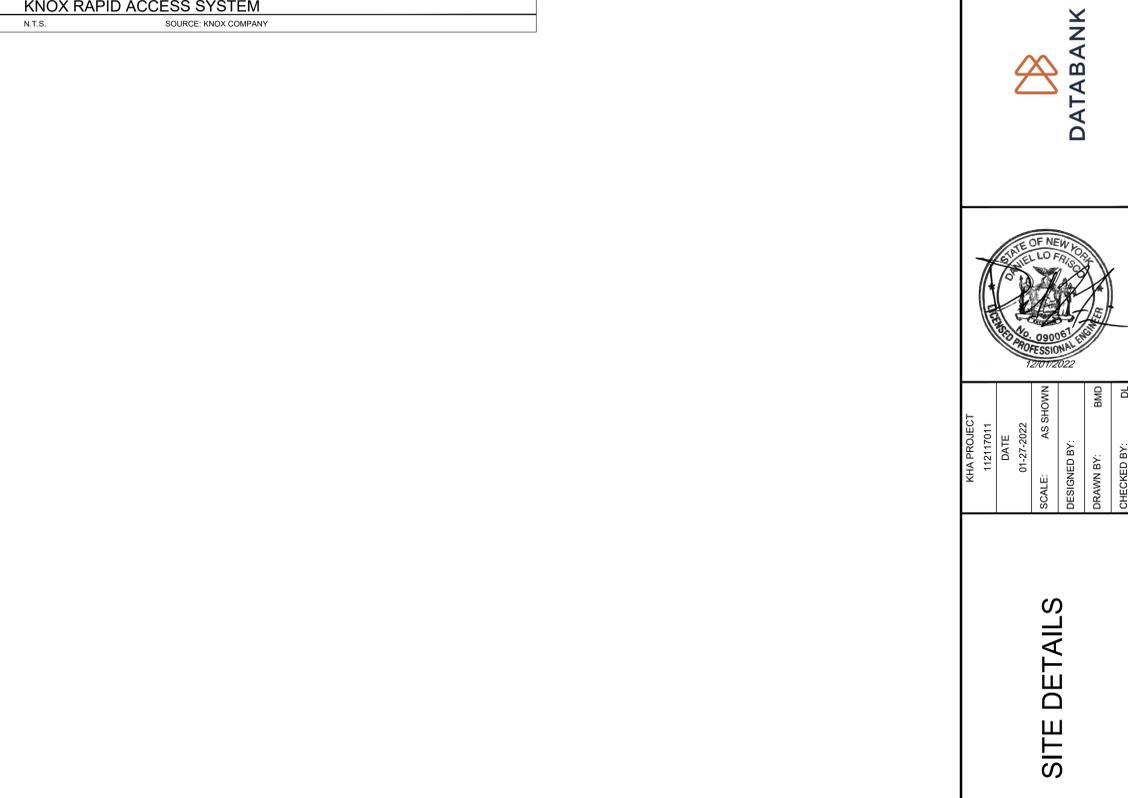
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STATE OF NEW YORK
DIANE L. O'FRISCH
LANDSCAPE ARCHITECT
NO. 000067
EXPIRES 12/31/2022

KHA PROJECT: 112117011
DATE: 01-27-2022
SCALE: AS SHOWN
DESIGNED BY: BMD
DRAWN BY: DL
CHECKED BY:



DATABANK ORANGEBURG

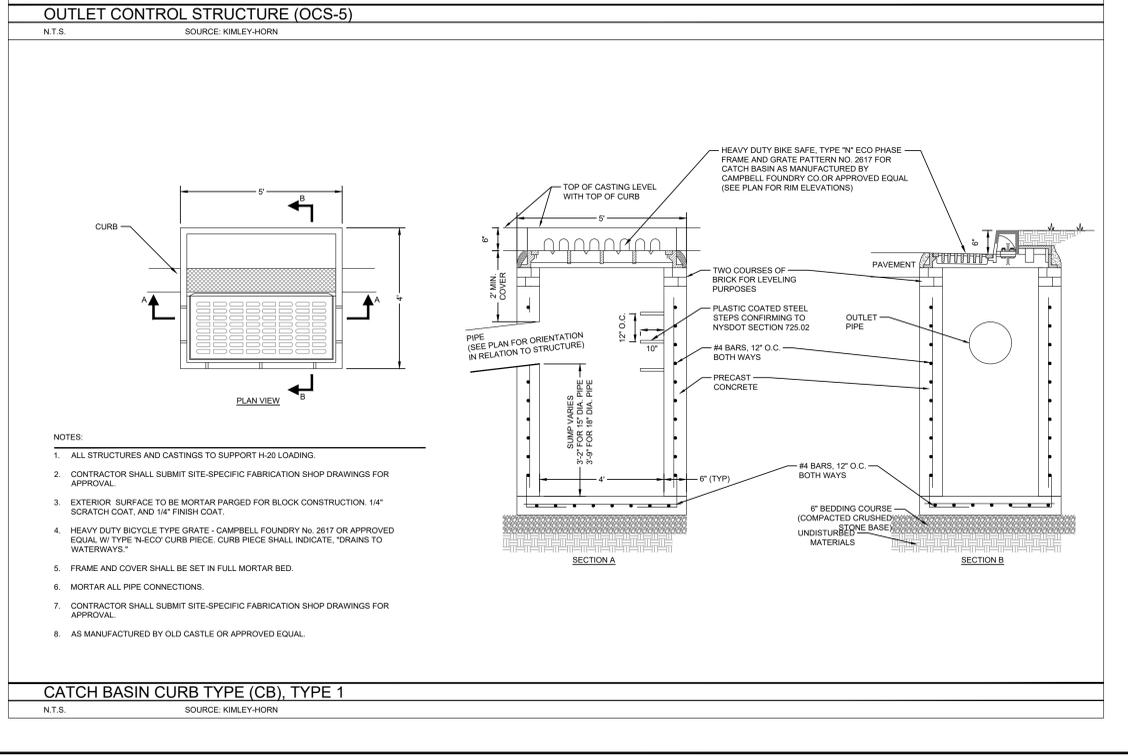
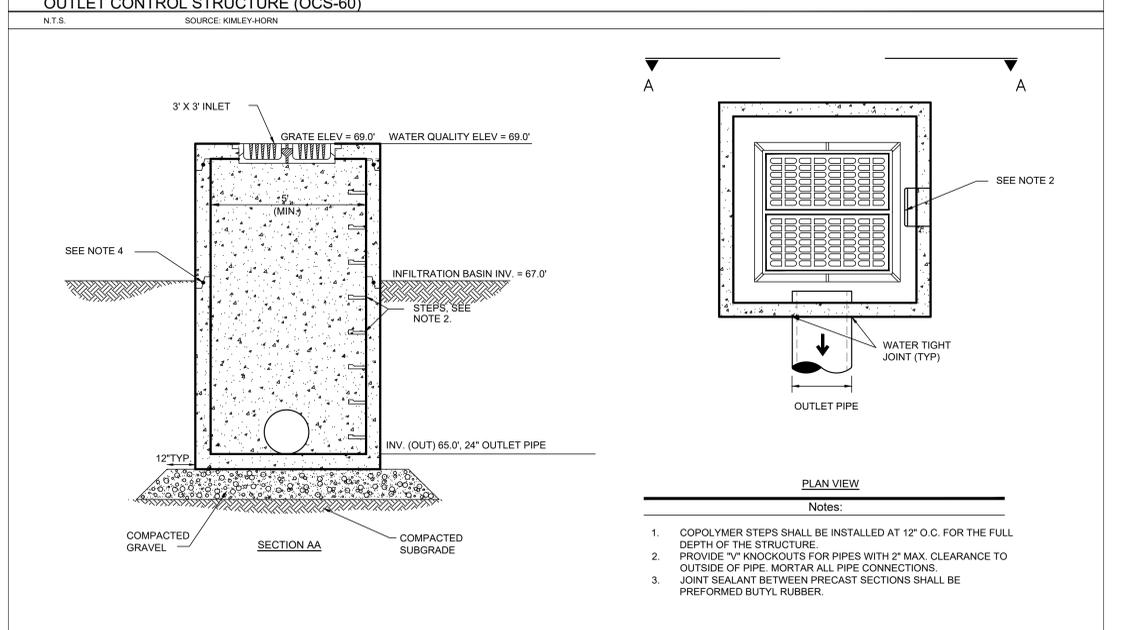
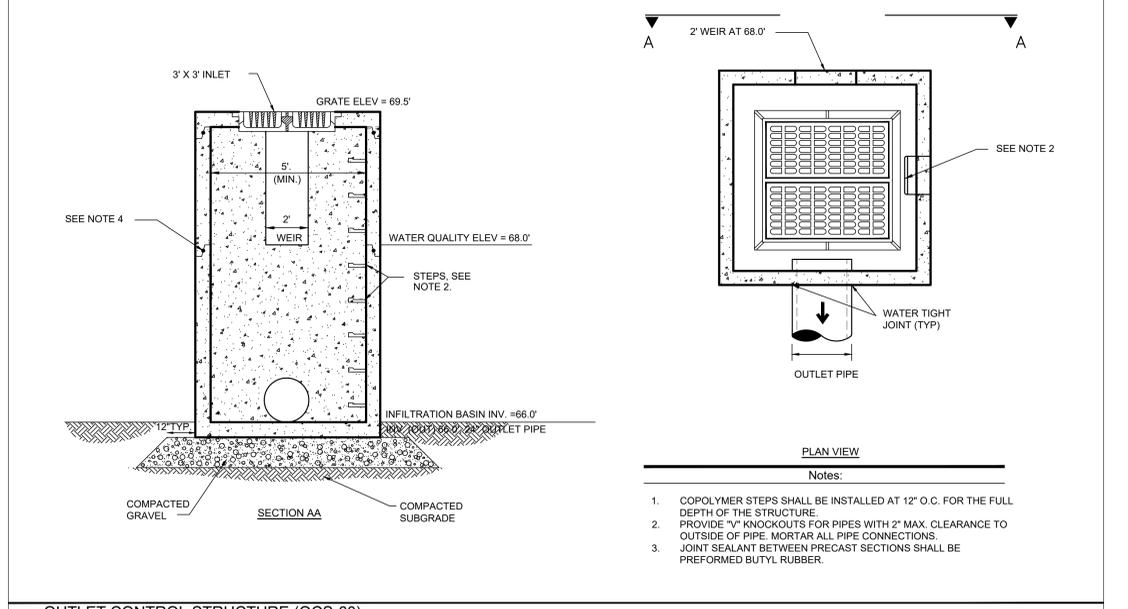
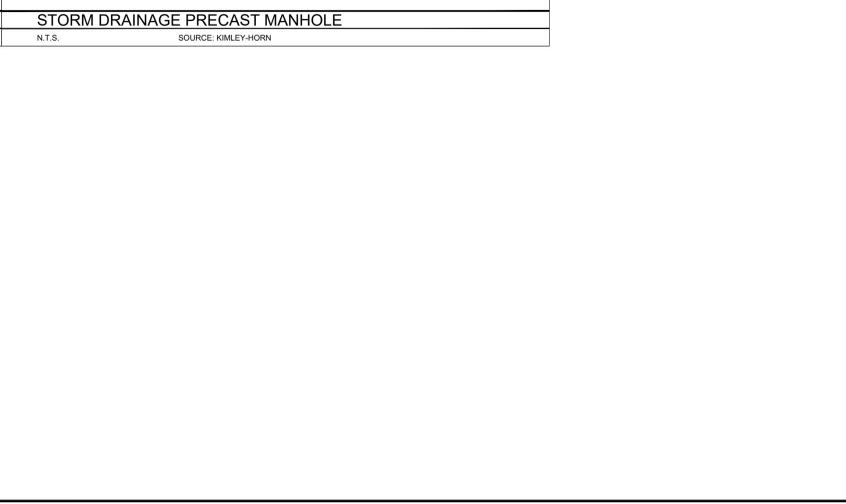
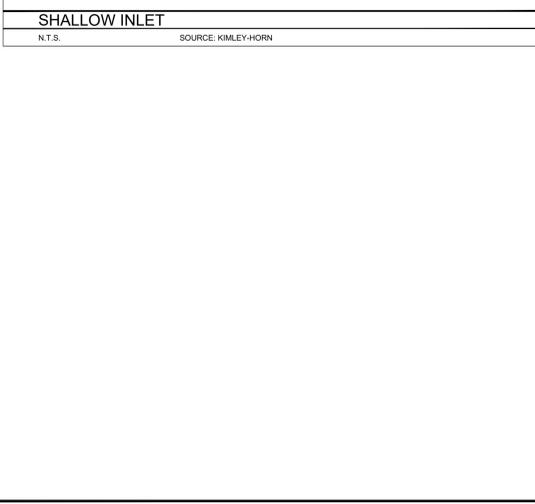
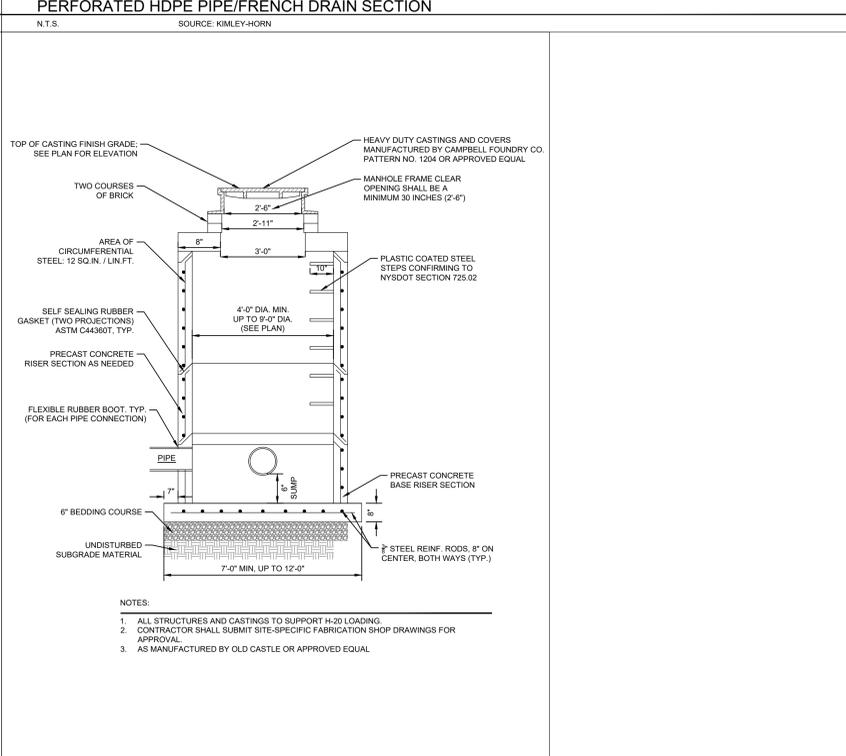
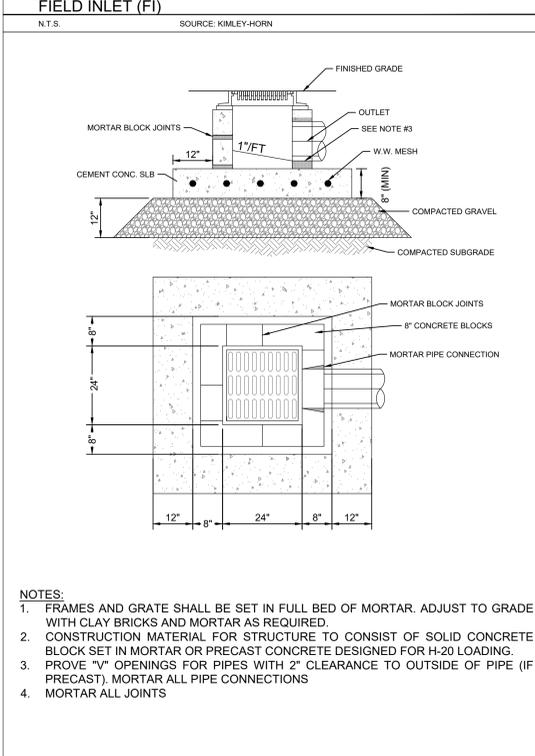
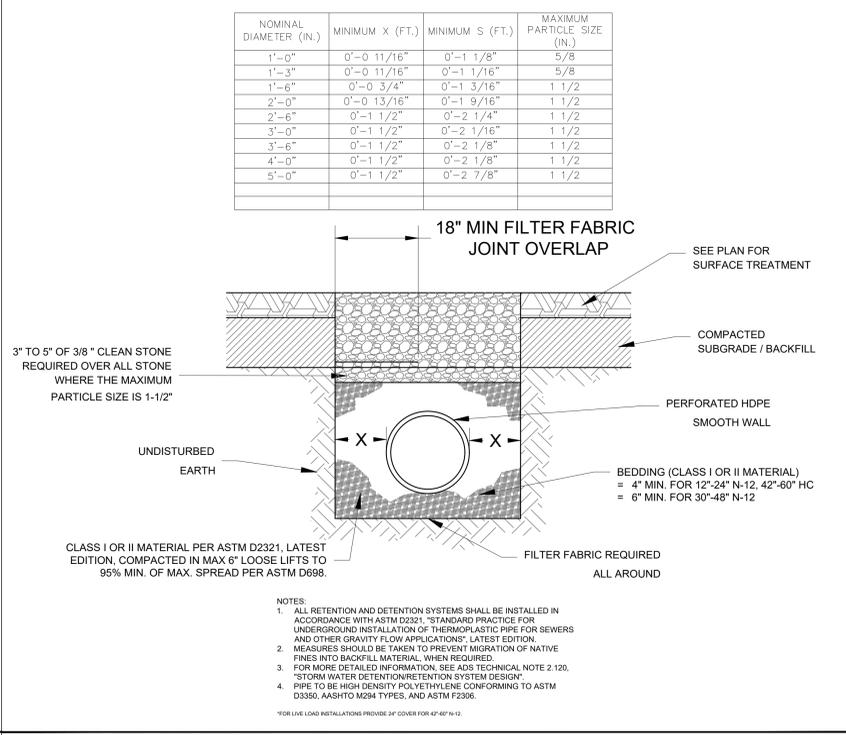
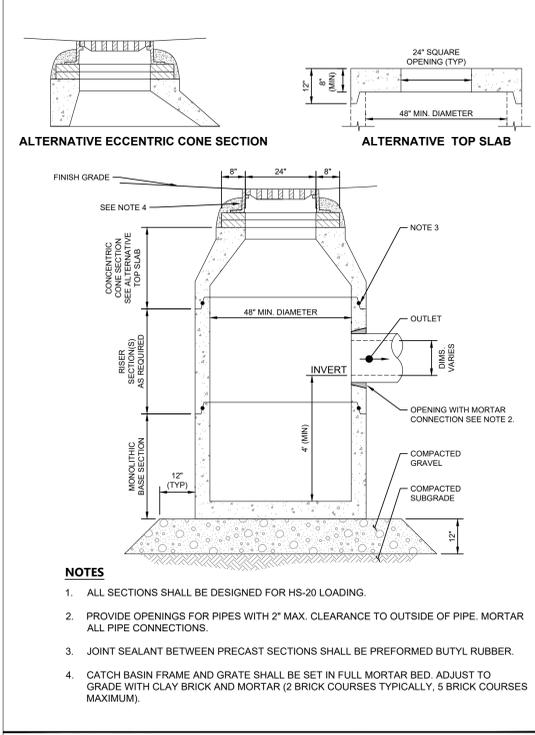
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4	ISSUED FOR ACAD/PLANNING BOARD REVIEW	09/20/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
2	SITE PLAN SUBMISSION	04/14/22	KH
1	50% DPs	03/29/22	KH

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KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	BMD	DL
112117011	01-27-2022	AS SHOWN				

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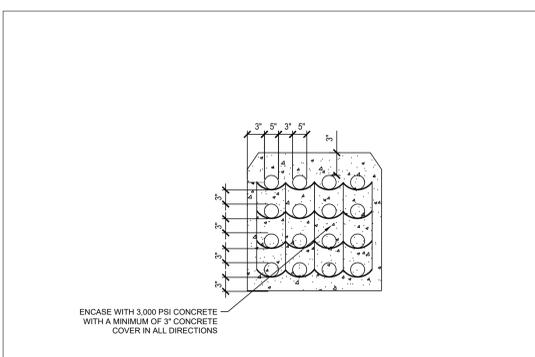
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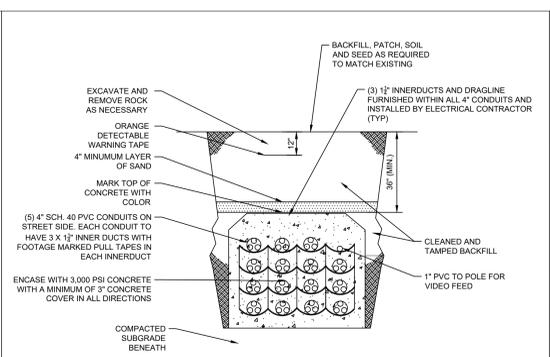
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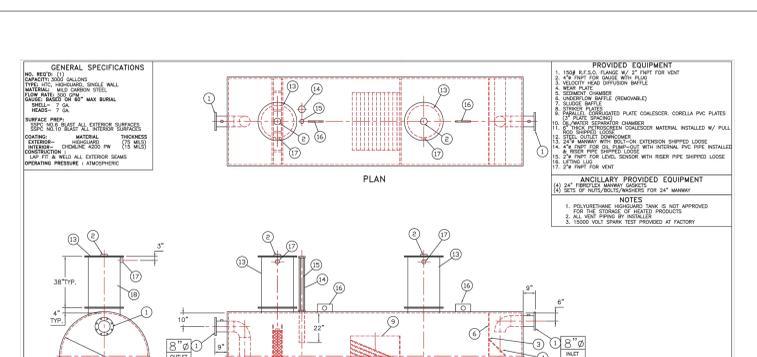
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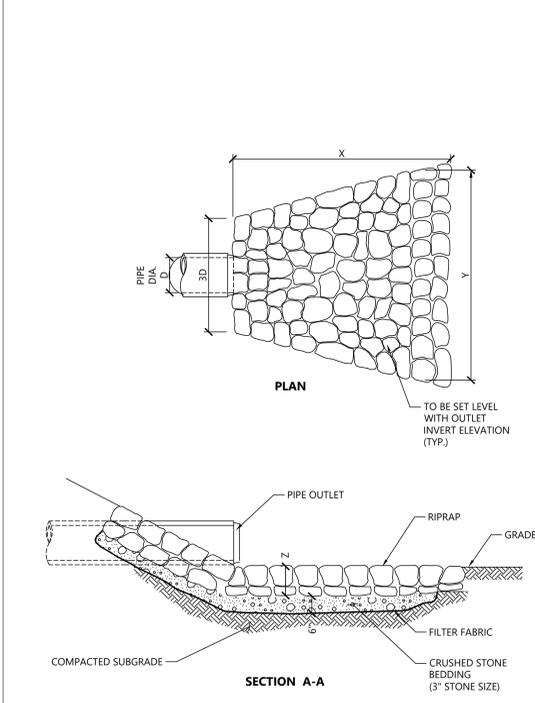
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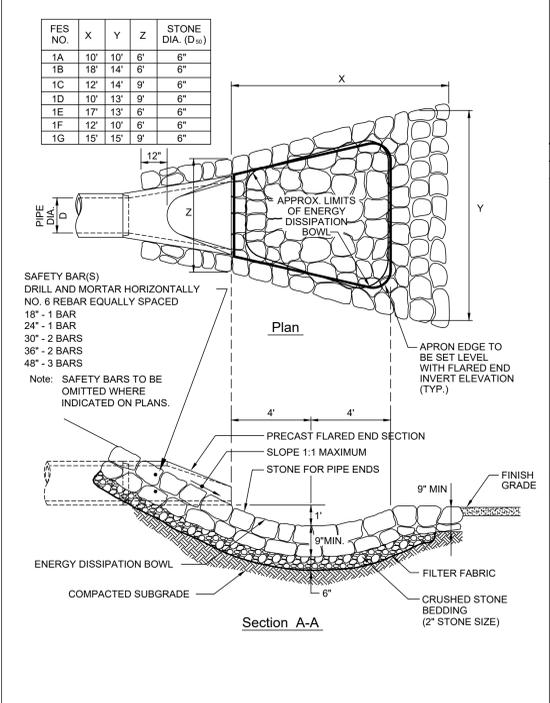
DUCTBANK TRENCH DETAIL
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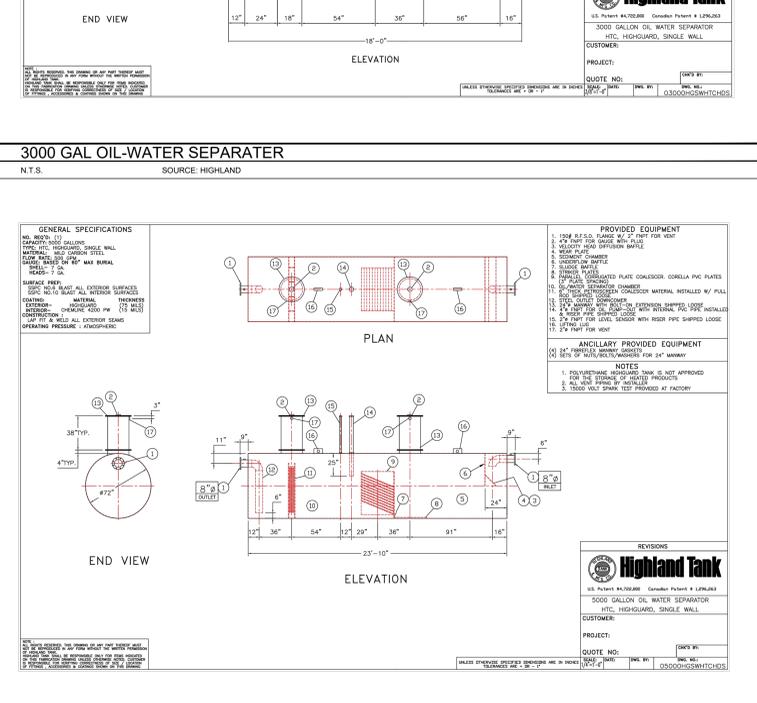
3000 GAL OIL-WATER SEPARATOR
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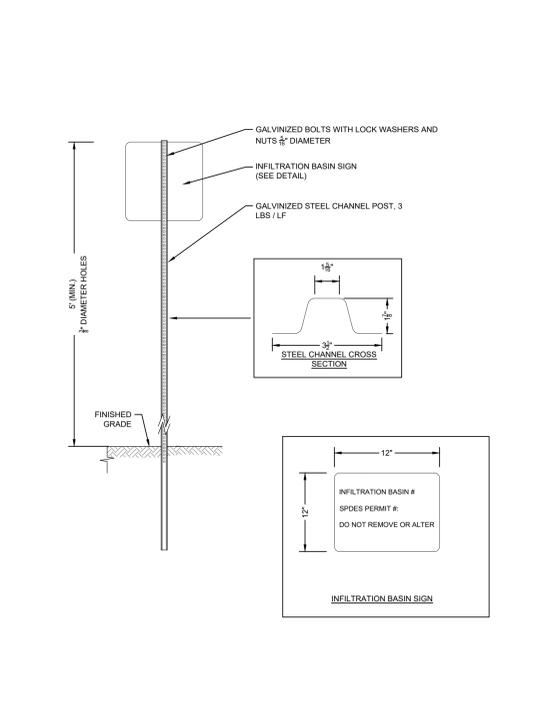
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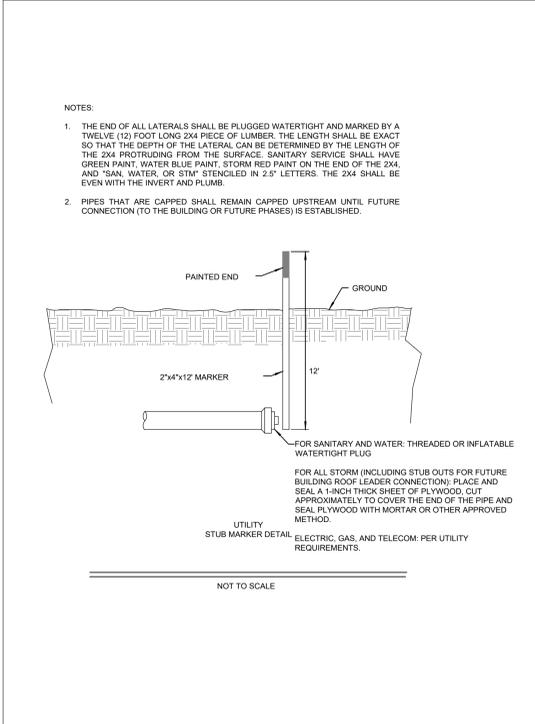
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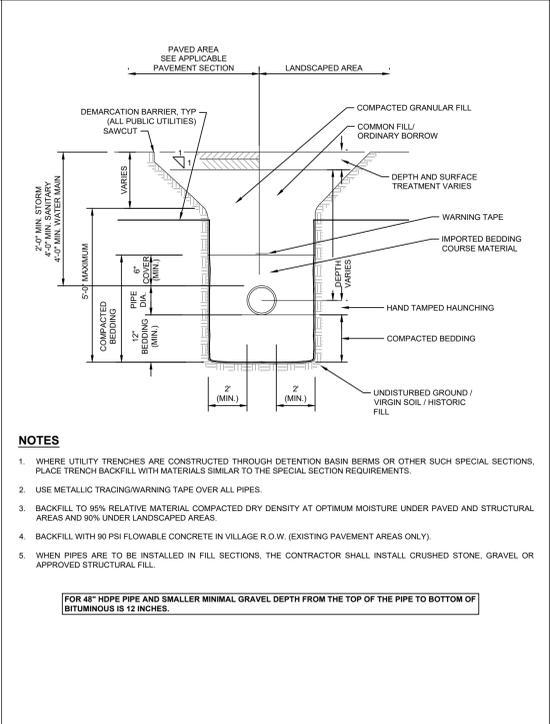
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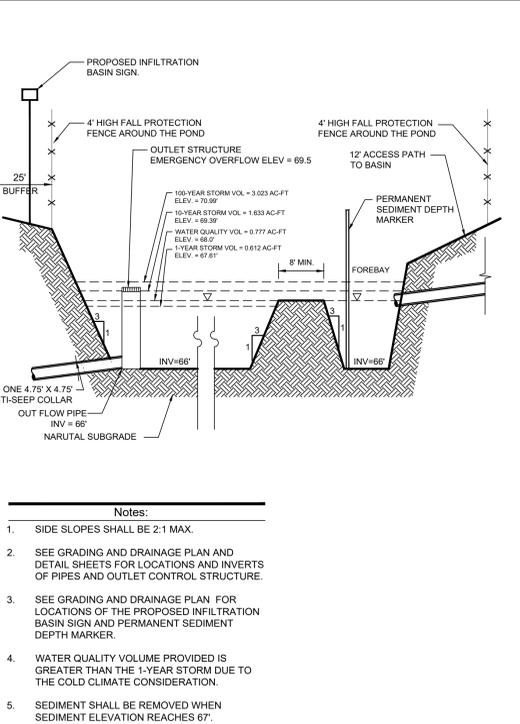
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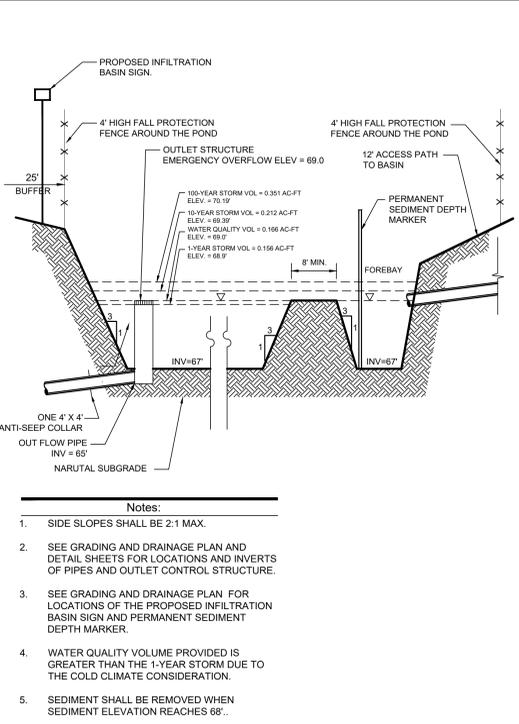
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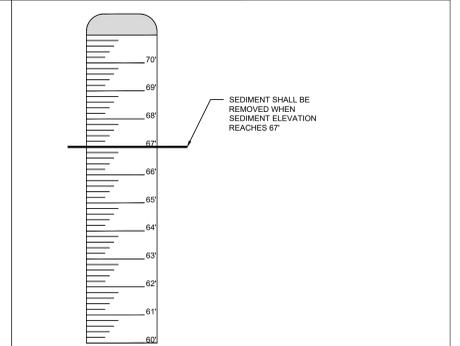
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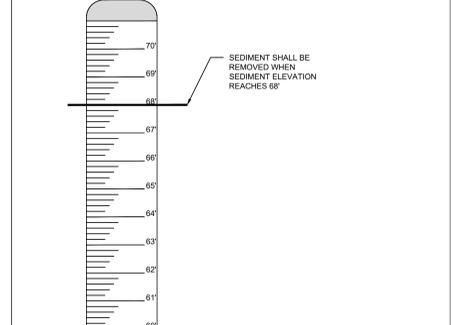
INFILTRATION BASIN 1 CROSS SECTION
N.T.S. SOURCE: KIMLEY-HORN



INFILTRATION BASIN 2 CROSS SECTION
N.T.S. SOURCE: KIMLEY-HORN



SEDIMENT DEPTH MARKER: INFILTRATION BASIN 1
N.T.S. SOURCE: KIMLEY-HORN



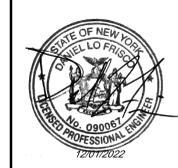
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NO.	DATE	BY
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2	04/14/22	KH
3	05/13/22	KH
4	09/20/22	KH
5	12/01/22	KH

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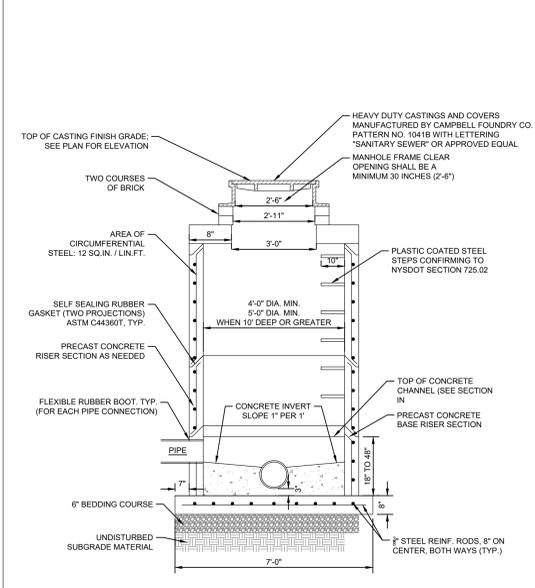
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DATE	01-27-2022	
SCALE	AS SHOWN	
DESIGNED BY:		BMD
DRAWN BY:		DL
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SITE DETAILS

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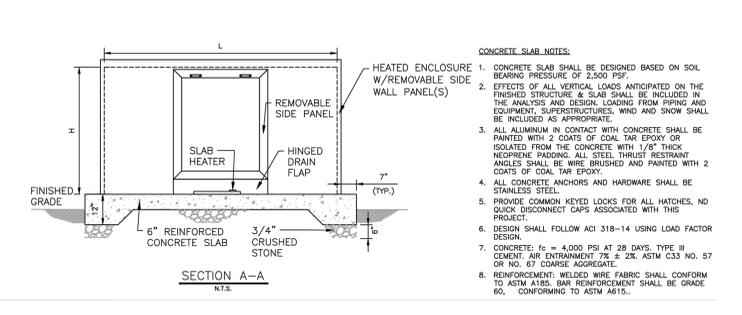
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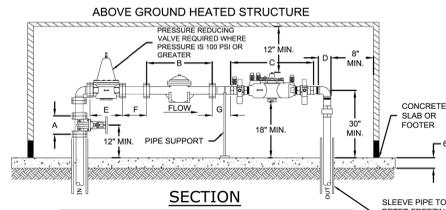
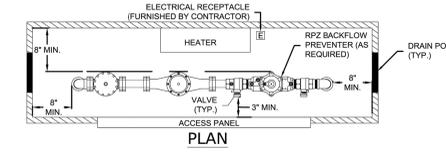


- NOTES:
1. ALL STRUCTURES AND CASTINGS TO SUPPORT 1420 LOADING.
 2. CONTRACTOR SHALL SUBMIT SITE-SPECIFIC FABRICATION SHOP DRAWINGS FOR APPROVAL.
 3. AS MANUFACTURED BY OLD CASTLE OR APPROVED EQUAL.

SANITARY SEWER MANHOLE
N.T.S. SOURCE: KIMLEY-HORN



HEATED ENCLOSURE CONCRETE SECTION
N.T.S. SOURCE: AMERICAN WATER

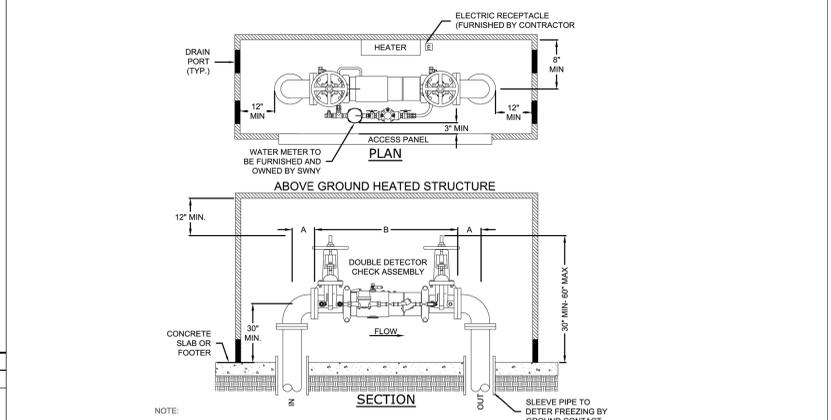


APPROXIMATE DIMENSIONS

ITEM	VALVE	METER	RPZ	90 DEG. BEND	PRV	STRAIGHT PIPE
METER SIZE	A	B	C	D	E	F G
3"	8"	24"	32"	5 1/2"	10 1/4"	12" 6"
4"	9"	29"	37 5/8"	6 1/2"	14"	16" 8"
6"	10 1/2"	36 1/2"	44 3/4"	8"	17 3/4"	24" 12"

- NOTE:
1. ALL METERING ELEMENTS AND APPURTENANCES SHALL BE INSTALLED HORIZONTALLY.
 2. THE REQUIREMENTS FOR THE INSTALLATION OF BACKFLOW PREVENTER SHALL BE DETERMINED BY SWNY AND DEPARTMENT OF HEALTH.
 3. IF A BACKFLOW IS REQUIRED, THE DISTANCE FROM THE FLOOR TO THE RELIEF PORT SHALL BE A MINIMUM OF 18" OR 30" MINIMUM FROM THE FLOOR TO THE PIPE CENTERLINE. ADEQUATE DRAINAGE MUST BE PROVIDED. FREEZE PROTECTION ENCLOSURES SHALL HAVE REMOVABLE ACCESS PANELS THAT ALLOW ADEQUATE SPACE TO PERFORM MAINTENANCE DUTIES ON ALL COMPONENTS WITHOUT COMPLETELY ENTERING THE ENCLOSURE.
 4. THE ENCLOSURE SHALL BE ANCHORED TO A CONCRETE PAD OR FOOTER TO SECURE ITS LOCATION AND IMPEDE THEFT AND VANDALISM.
 5. THE JOINT FIRE CHIEFS HAS REQUESTED A POWER INDICATING LIGHT BE INSTALLED ON THE OUTSIDE OF THE HOT BOX.
 6. CENTERLINE HEIGHT OF SWNY WATER METER TO BE 12" MIN - 66" MAX.
 7. WATER METER TO BE FURNISHED AND OWNED BY SWNY.

5.03B - 3" TO 6" DOMESTIC SERVICE WITH BACKFLOW ABOVE GROUND HEATED STRUCTURE
N.T.S. SOURCE: VEOLIA WATER

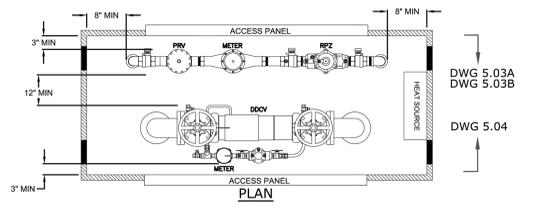


- NOTE:
1. ALL METERING ELEMENTS AND APPURTENANCES SHALL BE INSTALLED HORIZONTALLY.
 2. THE 60" BYPASS METER SHALL BE FURNISHED AND OWNED BY SWNY. ALL OTHER EQUIPMENT AND APPURTENANCES SHALL BE FURNISHED AND INSTALLED BY THE OWNER.
 3. THE DISTANCE FROM THE FLOOR TO THE PIPE CENTERLINE SHALL BE A 30" MINIMUM.
 4. FREEZE PROTECTION ENCLOSURES SHALL HAVE REMOVABLE ACCESS PANELS THAT ALLOW ADEQUATE SPACE TO PERFORM MAINTENANCE DUTIES ON ALL COMPONENTS WITHOUT COMPLETELY ENTERING THE ENCLOSURE.
 5. THE ENCLOSURE SHALL BE ANCHORED TO A CONCRETE PAD OR FOOTER TO SECURE ITS LOCATION AND IMPEDE THEFT AND VANDALISM.
 6. THE JOINT FIRE CHIEFS HAS REQUESTED A POWER INDICATING LIGHT BE INSTALLED ON THE OUTSIDE OF THE HOT BOX.

APPROX. DIMENSIONS

METER SIZE (IN.)	A	B	LENGTH
2"	4 1/2"	2"	22 1/2"
3"	5 1/2"	3"	38"
4"	6 1/2"	4"	48"
6"	8"	6"	48 1/2"
8"	9"	8"	52 1/2"
10"	11"	10"	55 1/2"

5.04 - UP TO 10" FIRE SERVICE ABOVE GROUND HEATED STRUCTURE
N.T.S. SOURCE: VEOLIA WATER



- NOTE:
1. FOR SECTION DIMENSIONS AND NOTES FOR DOMESTIC SERVICE, SEE DWR 5.03A AND DWR 5.03B.
 2. FOR SECTION DIMENSIONS AND NOTES FOR FIRE SERVICE, SEE DWR 5.04.

5.05 DOMESTIC AND FIRE SERVICE ABOVE GROUND HEATED STRUCTURE
N.T.S. SOURCE: VEOLIA WATER

NO.	REVISIONS	DATE
5	ISSUED FOR PLANNING BOARD REVIEW	12/01/22 KH
4	ISSUED FOR ACABOR/PLANNING BOARD REVIEW	09/20/22 KH
3	SITE PLAN REVISIONS	05/13/22 KH
2	SITE PLAN SUBMISSION	04/14/22 KH
1	50% DPs	03/29/22 KH

NOT FOR CONSTRUCTION

Kimley-Horn
 6502 WALKER AVENUE, SUITE 505
 LANDSCAPE ARCHITECTURE OF NEW YORK, P.C.
 1 NORTH LEXINGTON AVENUE, SUITE 505
 WHITE PLAINS, NY 10601
 WWW.KIMLEY-HORN.COM

DATABANK



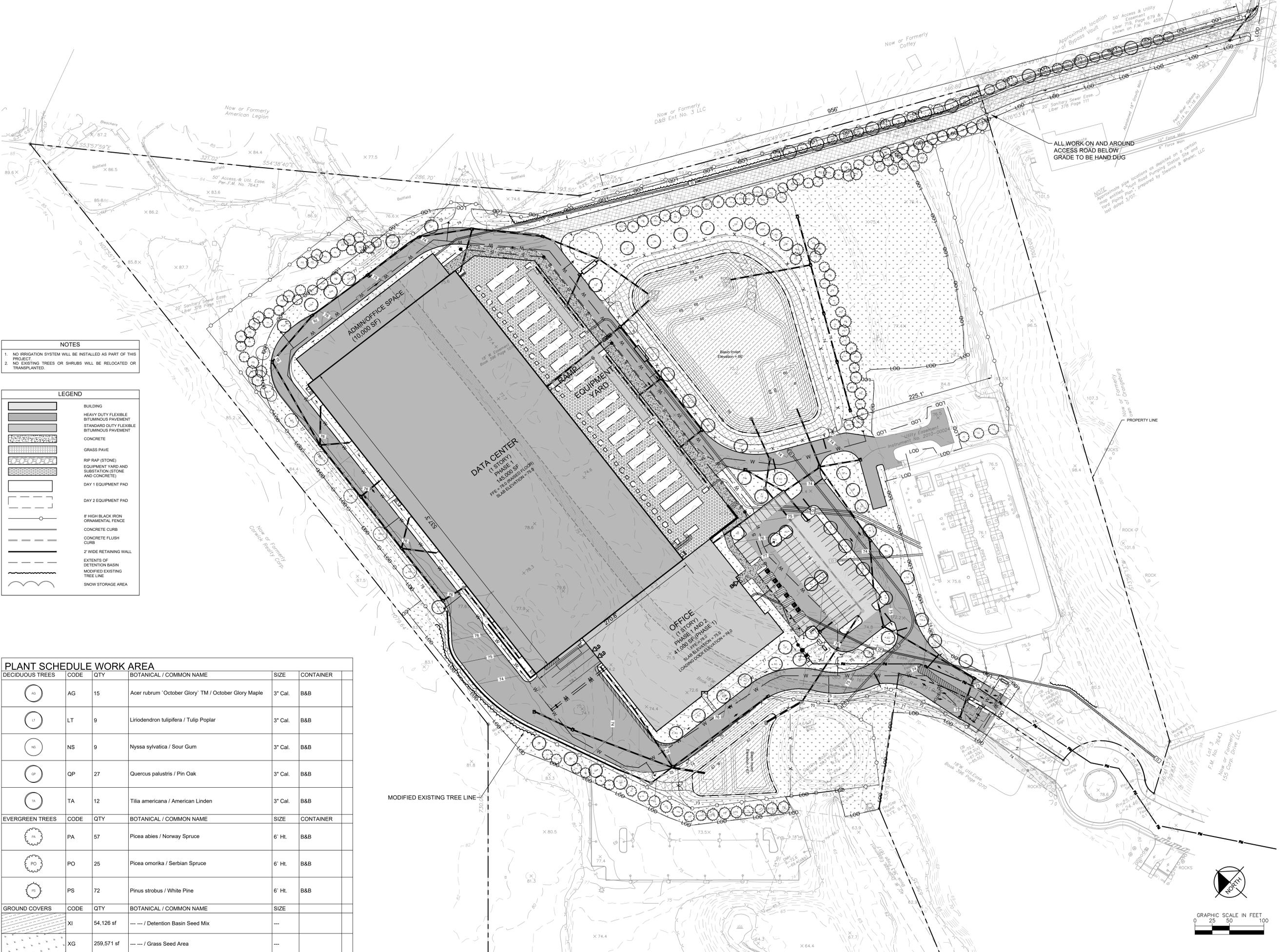
KHA PROJECT	112117011
DATE	01-27-2022
SCALE	AS SHOWN
DESIGNED BY:	
DRAWN BY:	BMD
CHECKED BY:	DL

SITE DETAILS

DATABANK ORANGEBURG
 2000 CORPORATE DRIVE
 ORANGEBURG, NY 10962
 NEW YORK

SHEET NUMBER
C-8.5

Saved Thursday, November 3, 2022 6:38:34 PM BENDISKIN Plotted Wednesday, November 30, 2022 12:50:16 PM Chen, Kitty
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NOTES

- NO IRRIGATION SYSTEM WILL BE INSTALLED AS PART OF THIS PROJECT.
- NO EXISTING TREES OR SHRUBS WILL BE RELOCATED OR TRANSPLANTED.

LEGEND

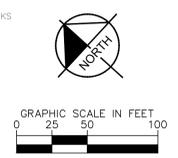
[Symbol]	BUILDING
[Symbol]	HEAVY DUTY FLEXIBLE BITUMINOUS PAVEMENT
[Symbol]	STANDARD DUTY FLEXIBLE BITUMINOUS PAVEMENT
[Symbol]	CONCRETE
[Symbol]	GRASS PAVE
[Symbol]	RIP RAP (STONE)
[Symbol]	EQUIPMENT YARD AND SUBSTATION (STONE AND CONCRETE)
[Symbol]	DAY 1 EQUIPMENT PAD
[Symbol]	DAY 2 EQUIPMENT PAD
[Symbol]	# HIGH BLACK IRON ORNAMENTAL FENCE
[Symbol]	CONCRETE CURB
[Symbol]	CONCRETE FLUSH CURB
[Symbol]	2' WIDE RETAINING WALL
[Symbol]	EXTENTS OF DETENTION BASIN
[Symbol]	MODIFIED EXISTING TREE LINE
[Symbol]	SNOW STORAGE AREA

PLANT SCHEDULE WORK AREA

DECIDUOUS TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER
[Symbol]	AG	15	Acer rubrum 'October Glory' TM / October Glory Maple	3" Cal.	B&B
[Symbol]	LT	9	Liriodendron tulipifera / Tulip Poplar	3" Cal.	B&B
[Symbol]	NS	9	Nyssa sylvatica / Sour Gum	3" Cal.	B&B
[Symbol]	QP	27	Quercus palustris / Pin Oak	3" Cal.	B&B
[Symbol]	TA	12	Tilia americana / American Linden	3" Cal.	B&B
EVERGREEN TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONTAINER
[Symbol]	PA	57	Picea abies / Norway Spruce	6" Ht.	B&B
[Symbol]	PO	25	Picea omorika / Serbian Spruce	6" Ht.	B&B
[Symbol]	PS	72	Pinus strobus / White Pine	6" Ht.	B&B
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	
[Symbol]	XI	54,126 sf	--- / Detention Basin Seed Mix	---	
[Symbol]	XG	259,571 sf	--- / Grass Seed Area	---	

ALL WORK ON AND AROUND ACCESS ROAD BELOW GRADE TO BE HAND DUG

NOTE: Approximate pipe locations as depicted on a certain form prepared, "New Road" Road Stationing Station, Site and Utility Plans, prepared by Stearns & Whelan, LLC, last dated 3/07.



NO.	REVISIONS	DATE	BY
5	ISSUED FOR ZBA COMPLIANCE/ACBOR RESUBMISSION		
4	ISSUED FOR ACBOR/PLANNING BOARD REVIEW	09/20/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
2	SITE PLAN SUBMISSION	04/14/22	KH
1	50% DPs	03/29/22	KH

NOT FOR CONSTRUCTION

Kimley-Horn
 5002 WALKER HAVEN ENGINEERING INC.
 LANDSCAPE ARCHITECTURE OF NEW YORK, P.C.
 1 NORTH LEXINGTON AVENUE, SUITE 505
 WHITE PLAINS, NY 10601
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DATABANK



KHA PROJECT	112117011
DATE	01-27-2022
SCALE	AS SHOWN
DESIGNED BY:	BMD
DRAWN BY:	DL
CHECKED BY:	

LANDSCAPE PLAN

DATABANK ORANGEBURG
 2000 CORPORATE DRIVE
 ORANGEBURG, NY 10962
 TOWN OF ORANGEBURG NEW YORK

SHEET NUMBER
LA-1.0

NO.	DESCRIPTION	DATE	BY	CHKD.
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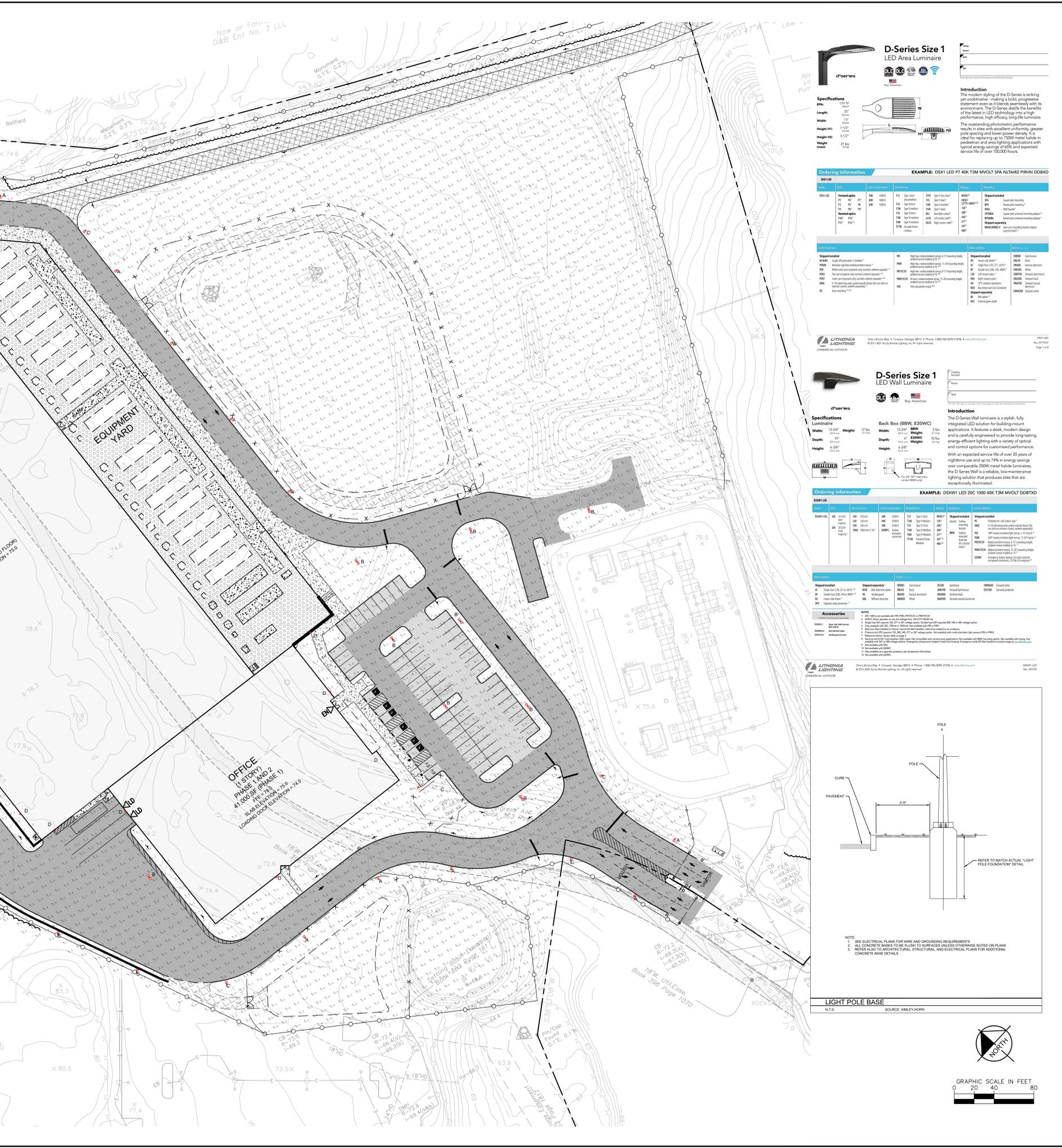
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D-Series Size 1 LED Area Luminaire

Specifications:
 Length: 35"
 Width: 12"
 Height: 12"
 Weight: 18 lbs

Introduction:
 The modern styling of the D-Series is striking yet understated, making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficiency, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower pole spacing densities, ideal for replacing up to 750W metal halide in modern and new lighting applications with typical energy savings of 6% and expected service life of over 100,000 hours.

Ordering Information EXAMPLE: DSX1 LED F7 40K T3M MVOLT SPA NITAIR2 PIRH-N DDBD

Code	Options	Code	Options	Code	Options
DSX1	DSX1	DSX1	DSX1	DSX1	DSX1

D-Series Size 1 LED Wall Luminaire

Specifications:
 Length: 12"
 Width: 12"
 Height: 12"
 Weight: 18 lbs

Introduction:
 The D-Series wall luminaire is a stylish, fully integrated LED solution for building mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance. With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information EXAMPLE: DSWW1 LED 20C 1000 40K T3M MVOLT DDBD

Code	Options	Code	Options	Code	Options
DSW1	DSW1	DSW1	DSW1	DSW1	DSW1

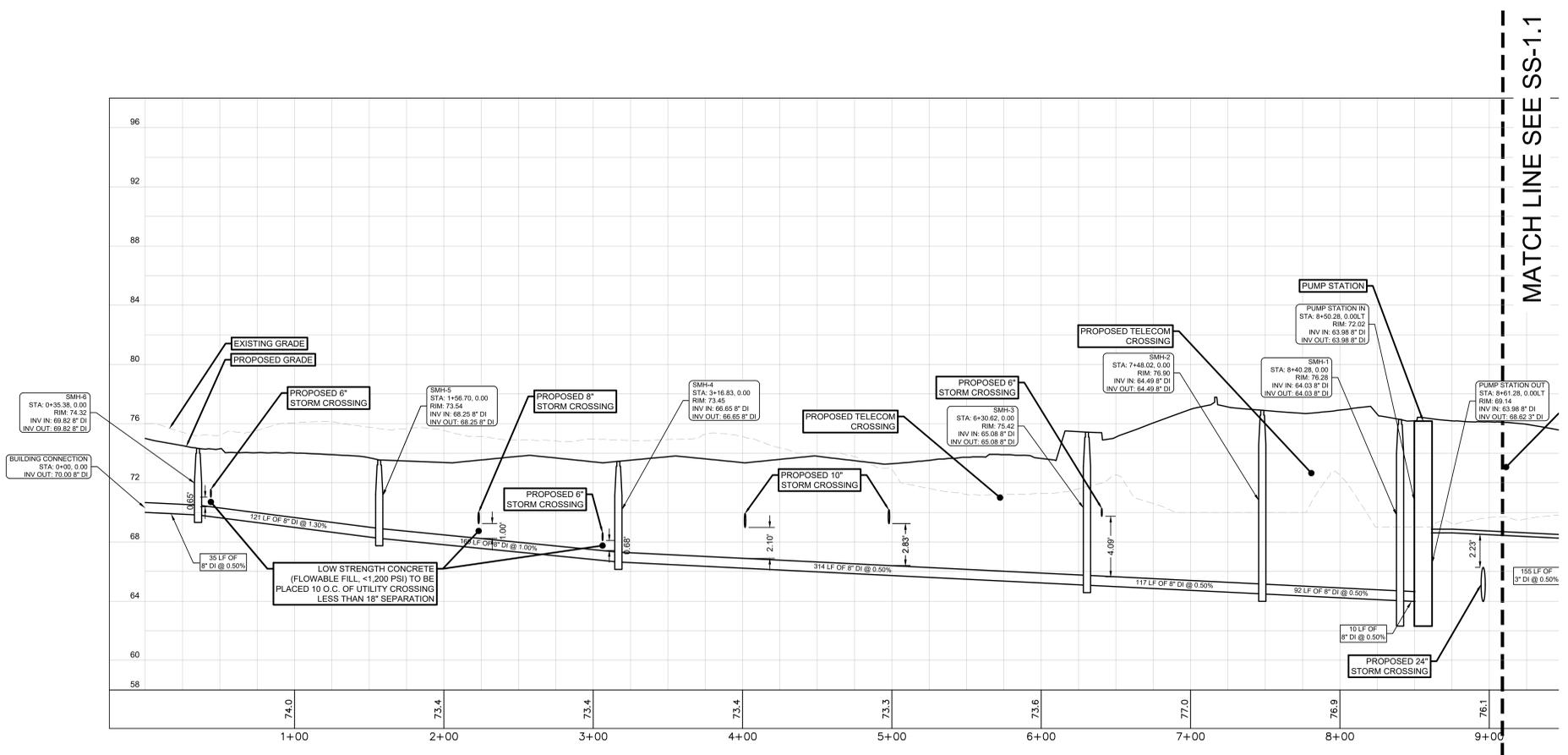
Light Pole Base

Notes:
 1. SEE ELECTRICAL PLANS FOR WIRE AND GROUNDING REQUIREMENTS.
 2. ALL CONCRETE BASES TO BE FLUSH TO SURFACE UNLESS OTHERWISE NOTED ON PLANS.
 3. REFER TO ARCHITECTURAL, STRUCTURAL, AND ELECTRICAL PLANS FOR ADDITIONAL CONCRETE BASE DETAILS.

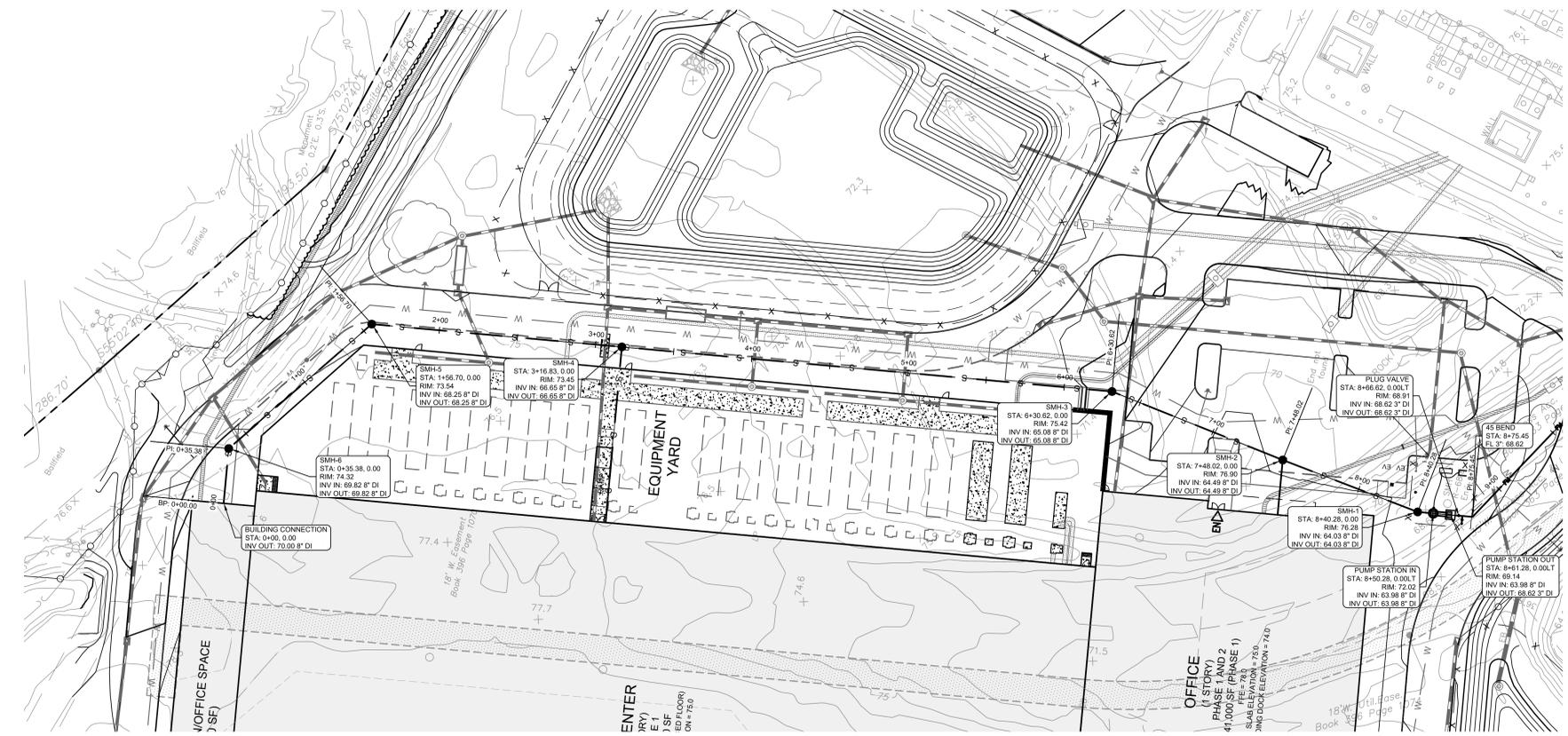
Light Pole Foundation

Notes:
 1. THE FOUNDATION IS DESIGNED SPECIFICALLY FOR LIGHT POLE FROM CYCLONE THE LUMINAIRES GROUNDING PER IEEE 68-TRACOR-0174.
 2. THE FOUNDATION DETAIL HAS BEEN DESIGNED FOR AN ALLOWABLE BEARING PRESSURE OF 3,000 PSF AND LATERAL BEARING PRESSURE OF 150 PSF/FT.
 3. THE LIGHT POLE FOUNDATION HAS BEEN DESIGNED FOR A WIND SPEED OF 115 MPH.
 4. CONCRETE SHALL REACH A 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI AND HAVE AN AIR CONTENT OF 6% ± 0.5%.
 5. MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS INDICATED ON THE DRAWINGS.
 6. REINFORCING BARS SHALL CORNERS WITH A MINIMUM 4" RADIUS (R) DEFORMED.
 7. COMPACTED FILL SHALL BE TESTED AND APPROVED BY THE GEOTECHNICAL ENGINEER.
 8. ALL CONCRETE SHALL BE TESTED TO VERIFY MINIMUM COMPRESSIVE STRENGTH AND AIR CONTENT.

Saved Wednesday, November 30, 2022 12:28:44 PM KITTY CHEN Plotted Wednesday, November 30, 2022 12:50:56 PM Chen, Kitty
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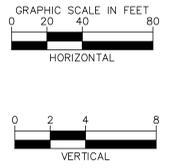


SEWER-A: PROFILE VIEW



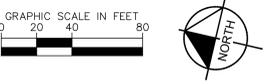
SEWER-A: PLAN VIEW

MATCH LINE SEE SS-1.1



LEGEND	
	PROPOSED SANITARY GRAVITY LINE
	PROPOSED SANITARY FORCE MAIN

- GENERAL NOTES**
- EXISTING TOPOGRAPHY AND UTILITY INFORMATION ON CORPORATE DRIVE OUTSIDE PROJECT PARCEL PULLED FROM SURVEY BY MASER CONSULTING TITLED "ALTAUSCM SURVEY OF 155 CORPORATE DRIVE & 40 CORPORATE DRIVE" DATED 2/27/14.
 - CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITY CROSSINGS BEFORE INSTALLATION OF FORCE MAIN.
 - CONTRACTOR TO NOTIFY TOWN OF ORANGEBURG SEWER INSPECTOR AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION WORK ON OR NEAR EXISTING OR PROPOSED SANITARY SEWER FACILITIES.



NO.	REVISIONS	DATE	BY
5	ISSUED FOR PLANNING BOARD REVIEW	12/01/22	KH
4	ISSUED FOR ACAD/PLANNING BOARD REVIEW	09/20/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
2	SITE PLAN SUBMISSION	04/14/22	KH
1	50% DPs	03/29/22	KH
NO.	REVISIONS		

NOT FOR CONSTRUCTION

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 LANDSCAPE ARCHITECTURE OF NEW YORK, P.C.
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 WWW.KIMLEY-HORN.COM

DATABANK

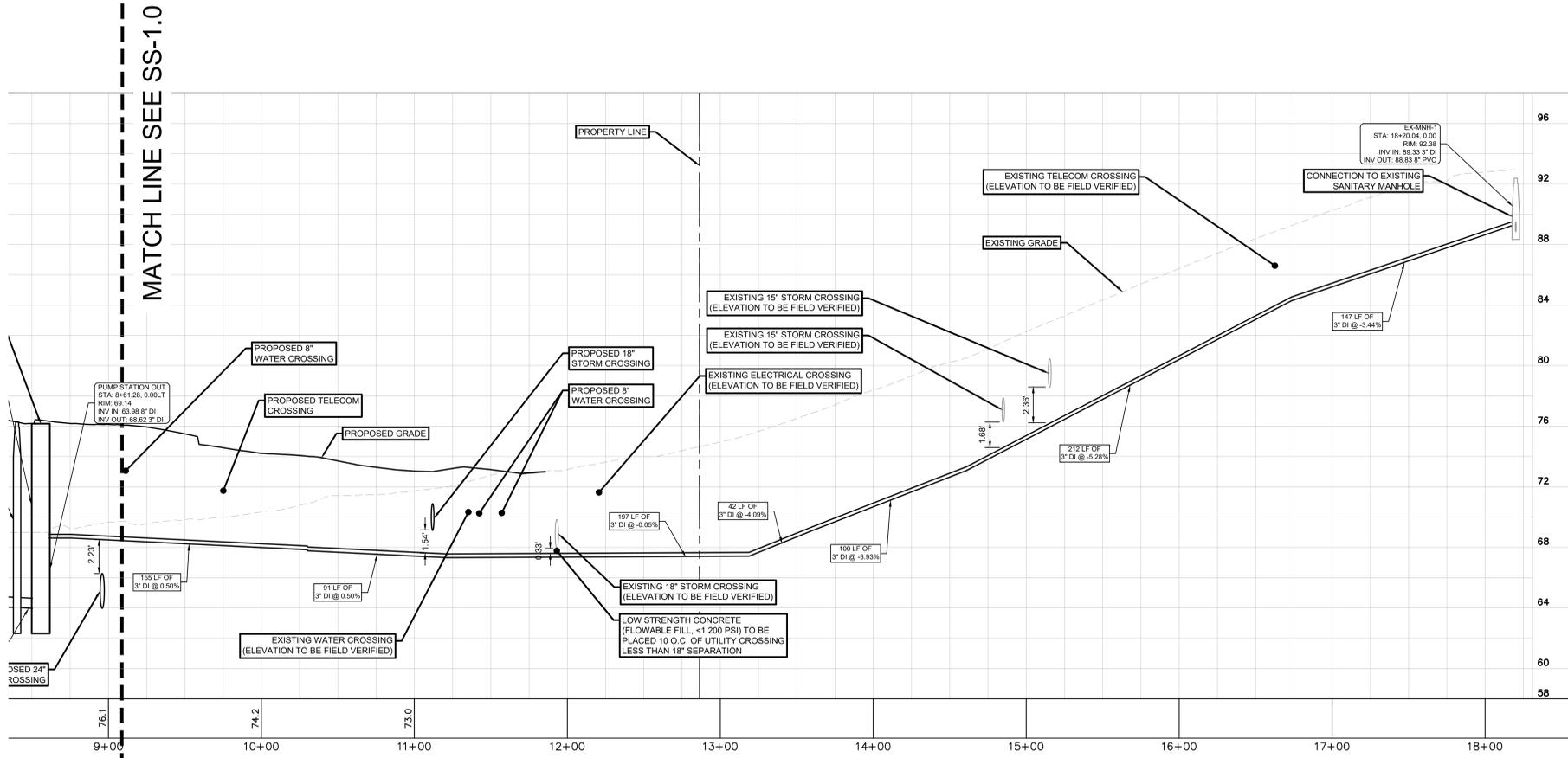


KHA PROJECT	112117011	DATE	01-27-2022	SCALE	AS SHOWN	DESIGNED BY:	BMD	DL
CHECKED BY:		DRAWN BY:						

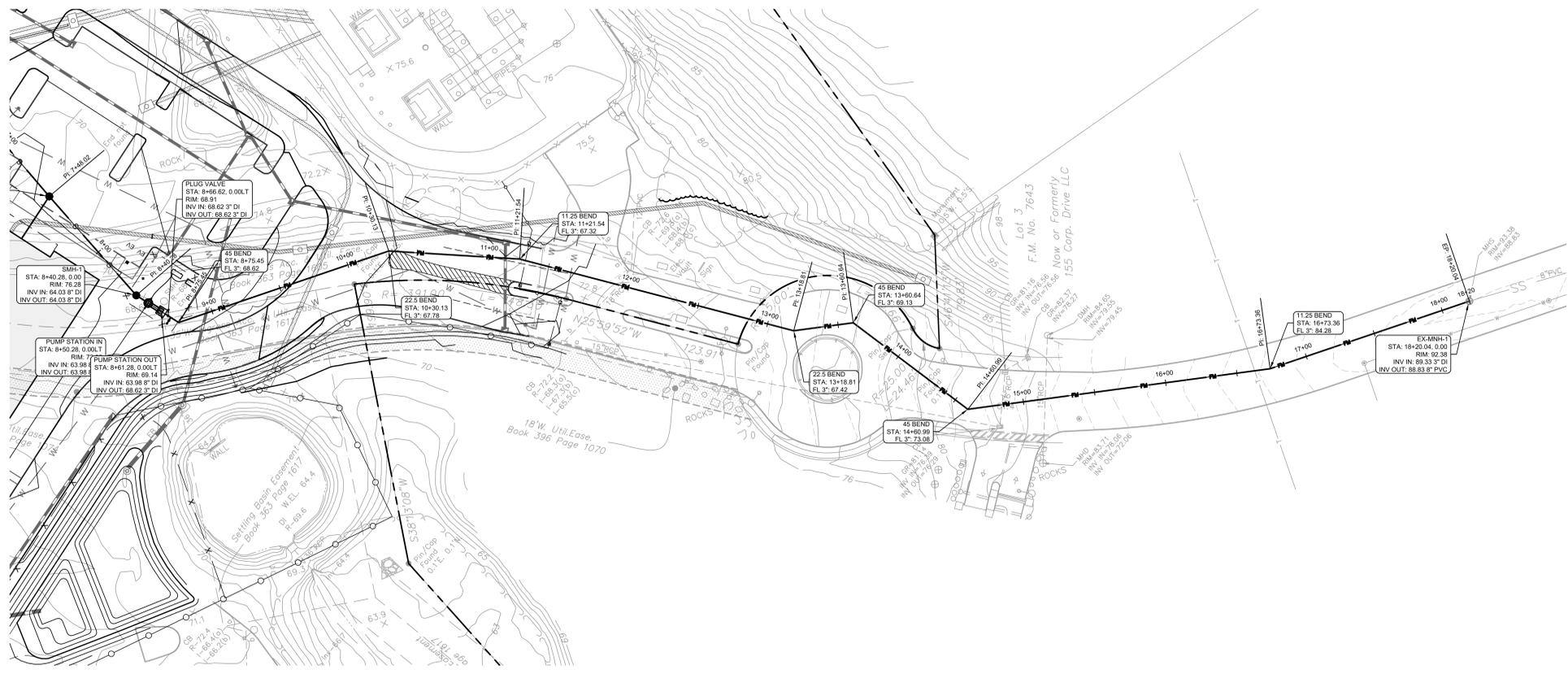
SANITARY PLAN & PROFILE

DATABANK ORANGEBURG
 2000 CORPORATE DRIVE
 ORANGEBURG, NY 10962
 NEW YORK

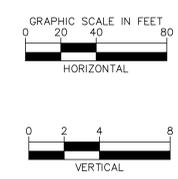
SHEET NUMBER
SS-1.0



SEWER-A: PROFILE VIEW

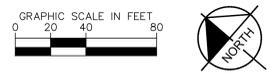


SEWER-A: PLAN VIEW



LEGEND	
	PROPOSED SANITARY GRAVITY LINE
	PROPOSED SANITARY FORCE MAIN

- GENERAL NOTES**
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 - CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITY CROSSINGS BEFORE INSTALLATION OF FORCE MAIN.
 - CONTRACTOR TO NOTIFY TOWN OF ORANGETOWN SEWER INSPECTOR AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION WORK ON OR NEAR EXISTING OR PROPOSED SANITARY SEWER FACILITIES.



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4	ISSUED FOR ACAD/PLANNING BOARD REVIEW	09/20/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
2	SITE PLAN SUBMISSION	04/14/22	KH
1	50% DPs	03/29/22	KH
	NO.		

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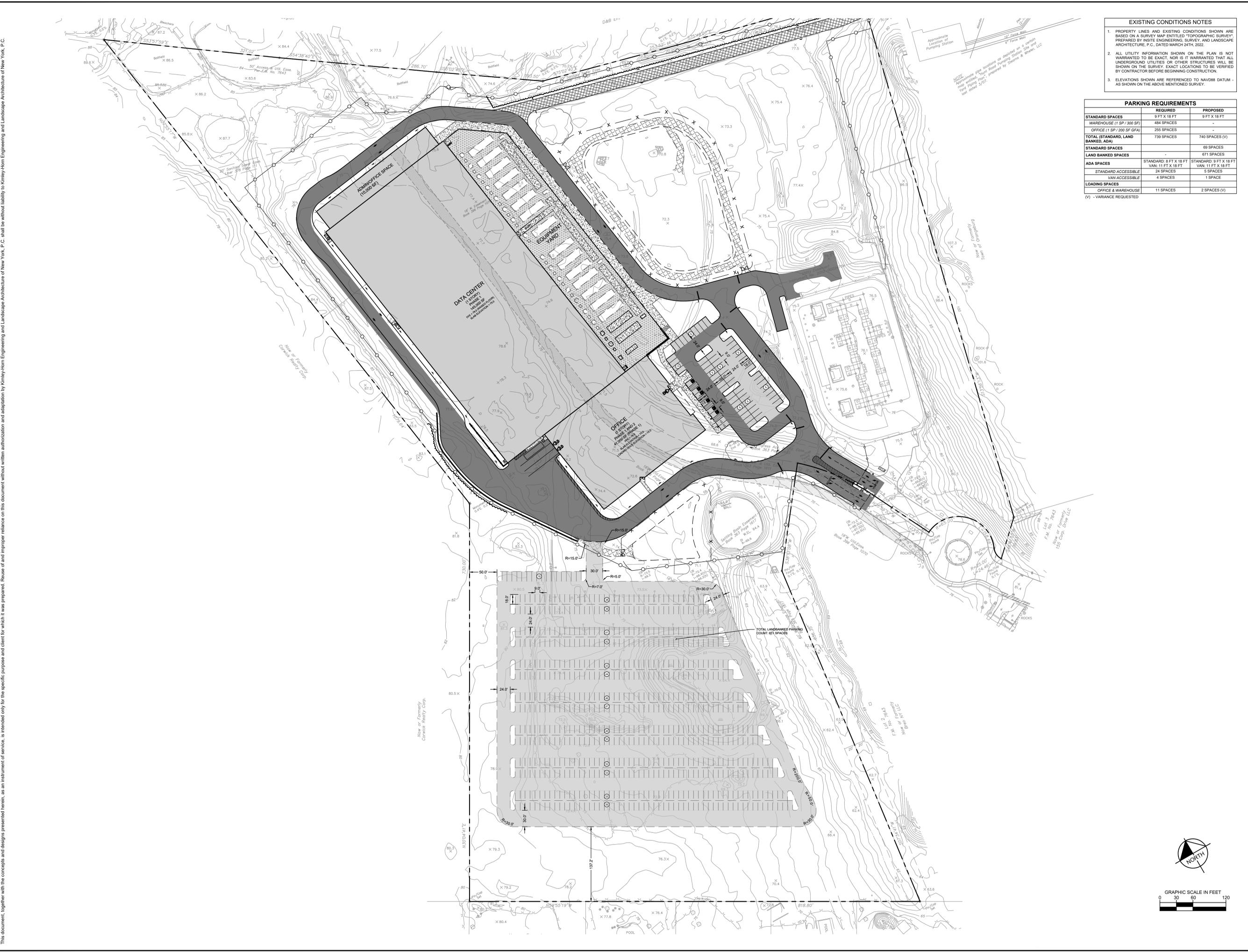


KHA PROJECT	11217011	DATE	01-27-2022	SCALE	AS SHOWN	DESIGNED BY:	BMD	DL
						DRAWN BY:		CHECKED BY:

SANITARY PLAN & PROFILE

DATABANK ORANGETOWN
 2000 CORPORATE DRIVE
 ORANGETOWN, NY 10962
 NEW YORK

SHEET NUMBER
SS-1.1



EXISTING CONDITIONS NOTES

- PROPERTY LINES AND EXISTING CONDITIONS SHOWN ARE BASED ON A SURVEY MAP ENTITLED "TOPOGRAPHIC SURVEY", PREPARED BY INSITE ENGINEERING, SURVEY AND LANDSCAPE ARCHITECTURE, P.C., DATED MARCH 24TH, 2022.
- ALL UTILITY INFORMATION SHOWN ON THE PLAN IS NOT WARRANTED TO BE EXACT. NOR IS IT WARRANTED THAT ALL UNDERGROUND UTILITIES OR OTHER STRUCTURES WILL BE SHOWN ON THE SURVEY. EXACT LOCATIONS TO BE VERIFIED BY CONTRACTOR BEFORE BEGINNING CONSTRUCTION.
- ELEVATIONS SHOWN ARE REFERENCED TO NAVD83 DATUM - AS SHOWN ON THE ABOVE MENTIONED SURVEY.

PARKING REQUIREMENTS

	REQUIRED	PROPOSED
STANDARD SPACES	9 FT X 18 FT	9 FT X 18 FT
WAREHOUSE (1 SP / 300 SF)	484 SPACES	-
OFFICE (1 SP / 200 SF GFA)	256 SPACES	-
TOTAL (STANDARD, LAND BANKED, ADA)	739 SPACES	740 SPACES (V)
STANDARD SPACES	-	69 SPACES
LAND BANKED SPACES	-	671 SPACES
ADA SPACES	STANDARD: 8 FT X 18 FT VAN: 11 FT X 18 FT	STANDARD: 8 FT X 18 FT VAN: 11 FT X 18 FT
STANDARD ACCESSIBLE	24 SPACES	5 SPACES
VAN ACCESSIBLE	4 SPACES	1 SPACE
LOADING SPACES	-	-
OFFICE & WAREHOUSE	11 SPACES	2 SPACES (V)

(V) - VARIANCE REQUESTED

NO.	REVISIONS	DATE	BY
1	50% DPs	03/29/22	KH
2		04/14/22	KH
3	SITE PLAN REVISIONS	05/13/22	KH
4	ISSUED FOR ACAB/PLANNING BOARD REVIEW	09/20/22	KH
5	ISSUED FOR PLANNING BOARD REVIEW	12/01/22	KH

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KHA PROJECT	11217011
DATE	01-27-2022
SCALE	AS SHOWN
DESIGNED BY:	BMD
DRAWN BY:	DL
CHECKED BY:	

LANDBANKED PARKING PLAN

DATABANK ORANGEBURG
 2000 CORPORATE DRIVE
 ORANGEBURG, NY 10962
 TOWN OF ORANGEBURG NEW YORK

SHEET NUMBER
LB-1.0