FOR

# DATABANK ORANGEBURG

2000 CORPORATE DRIVE ORANGEBURG, NY 10962

60 E 42ND STREET, SUITE 1215 NEW YORK, NY 10165 TEL: (914) 368-9200 CONTACT: DANIEL LOFRISCO, P.E.

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LANDSCAPE ARCHITECT KIMLEY-HORN ENGINEERING AND LANDSCAPE ARCHITECTURE OF NEW YORK, P.C. 1 NORTH LEXINGTON AVENUE SUITE 1575 WHITE PLAINS, NY 10601 TEL: (914) 368-9200

HIGHLAND ASSOCIATES ONE EAST 33RD STREET NEW YORK, NY 10016 TEL: 212-681-0200 CONTACT: PAUL LEBLOND

CONTACT: KEVIN VAN HISE, PLA

INSITE ENGINEERING, SURVEYING AND LANDSCAPE ARCHITECTURE, P.C. 3 GARRETT PLACE CARMEL, NY 10512 TEL: 845-225-9690 CONTACT: JEFFREY B. DEROSA

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PHOENIX, AZ 85012 TEL: 347-873-1480 **CONTACT: TONY QORRI** 

SECTION: 73.15 BLOCK: 1 LOT: 19

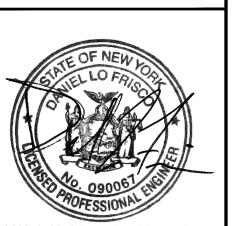


SITE LOCATION MAP



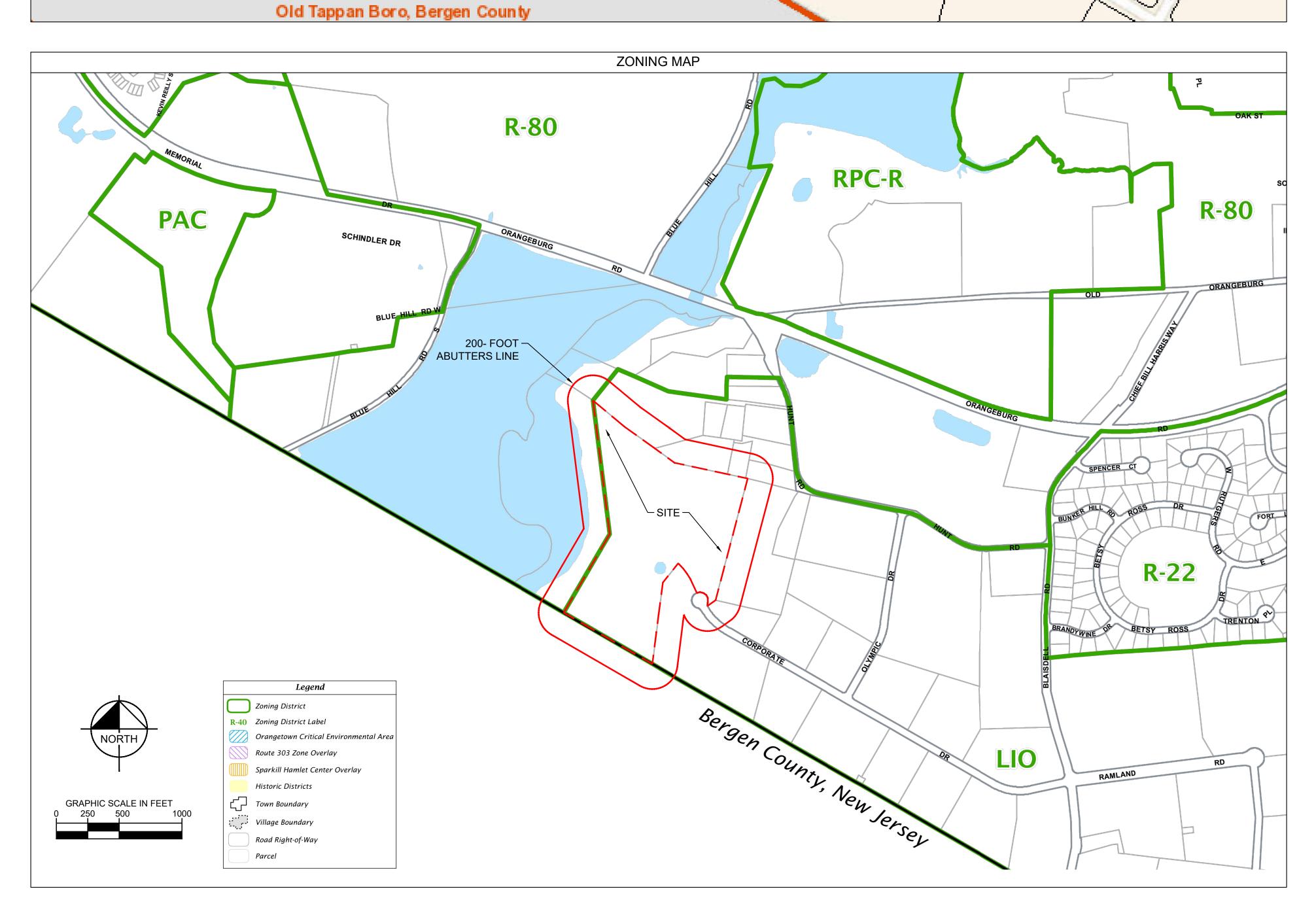
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SWIS	PRINT KEY	NAME	ADDRESS
392489	73.10-1-3	Corwick Realty Corp Altus Group US Inc	P.O. Box 71970,Phoenix, AZ 85050
392489	73.11-1-1	Corwick Realty Corp Altus Group US Inc	P.O. Box 71970, Phoenix, AZ 85050
392489	73.11-1-3	Corwick Realty Corp Altus Group US Inc	P.O. Box 71970, Phoenix, AZ 85050
392489	73.11-1-4	Corwick Realty Corp Altus Group US Inc	P.O. Box 71970, Phoenix, AZ 85050
392489	73.14-1-2	Corwick Realty Corp Altus Group US Inc	P.O. Box 71970, Phoenix, AZ 85050
392489	73.15-1-1	Corwick Realty Corp Joseph Chimenti	7 Van Terrace,Sparkill, NY 10976
392489	73.15-1-2	American Legion Joseph Chimenti	7 Van Ter,Sparkill, NY 10976
392489	73.15-1-3	D & B Ent No 3 LLC	10 Dorsey Ct, Orangeburg, NY 10962
392489	73.15-1-4	James Coffey	95 Putnam Ave, Portchester, NY 10573
392489	73.15-1-5	Melody P Fiore	P.O. Box 66, Orangeburg, NY 10962
392489	73.15-1-6	Jacqueline M Fiore	28 Strawtown Rd, West Nyack Ny, 10994
392489	73.15-1-7	85 Hunt Road LLC Claude Baumann	15 Winding Way,Upper Saddle River, NJ 0745
392489	73.15-1-8	Kiera Burtch	73 Hunt Rd,Orangeburg, NY 10962
392489	73.15-1-9	67 Hunt Road LLC	67 Hunt Rd, Orangeburg, NY 10962
392489	73.15-1-10	Brightview Lake Tappan LLC Altus Group	P.O. Box 92129, Southlake, TX 76092
392489	73.15-1-11	Kazziegirl LLC	2 Rolyn Hill Dr, Orangeburg, NY 10962
392489	73.15-1-12	Joseph Missale	41 Hunt Rd, Orangeburg, NY 10962
392489	73.15-1-13	Grace B Meyer	9 Paradise Ave, Piermont, NY 10968
392489	73.15-1-15	Daikin America Inc	20 Olympic Dr, Orangeburg, NY 10962
392489	73.15-1-16	SQ Properties LLC	8 Olympic Dr, Orangeburg, NY 10962
392489	73.15-1-17	Town Of Orangetown	26 Orangeburg Rd, Orangeburg, NY 10962
392489	73.15-1-18	BREO NY LLČ Peter Smith	731 Lexington Ave, New York, NY 10022
392489	73.15-1-19	2000 Corporate Drive LLC	400 S Akard St Ste 100, Dallas, TX 75202
392489	73.15-1-20	Corwick Realty Corp Altus Group US Inc.	P.O. Box 71970, Phoenix, AZ 85050
392489	73.16-1-1	Town Of Orangetown	26 Orangeburg Rd, Orangeburg, NY 10962
392489	73.16-2-78	Clarins Usa Inc	15 Olympic Dr,Orangeburg, NY 10962
392489	73.19-1-1	BREO NY LLC Peter Smith	731 Lexington Ave, New York, NY 10022
392489	73.19-1-2	30 Corporate LLC	151 N Main St Ste 400, New City, NY 10956
392489	73.19-1-3	Csilleberc Inc	20 Corporate Dr, Orangeburg, NY 10962
392489	73.19-1-5	One Olympic Drive LLC	1 Olympic Dr, Orangeburg, NY 10962
392489	73.19-1-8	29 Corporate Drive LLC	200 Performance Dr Ste 207, Mahwah, NJ 0749
392489	73.19-1-9	Ford 33 Realty LLC	100 Challenger Rd Ste 105,Ridgefield Park, NJ

NOT FOR CONSTRUCTION

Kimley



CORANGEBURG
RPORATE DRIVE
EBURG, NY 10962

NOTES

ZONING MAP SOURCE:

ORANGETOWN ZONING MAP (ADOPTED DECEMBER 11,2018)

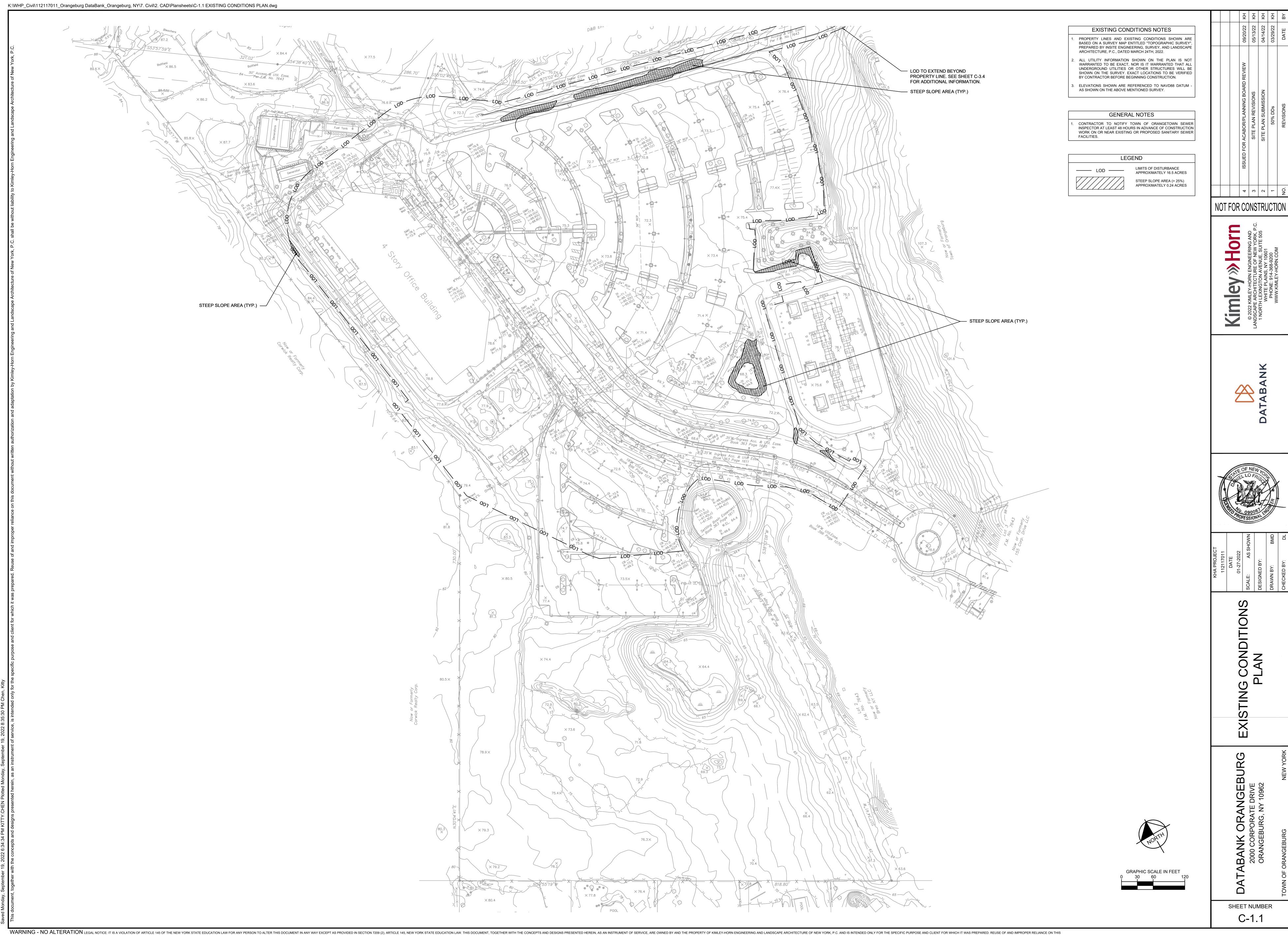
https://www.orangetown.com/wp-content/uploads/Orangetown\_Zoning\_Adopted\_Dec\_11\_2018\_opt.pdf

PARCEL DATA SOURCE:
ROCKLAND COUNTY GML MAP APPLICATON, PLANNING DEPARTMENT -GIS
https://www.rocklandgis.com/portal/apps/sites/#/data/app/71bc97364aa743858ff39457585a88fa

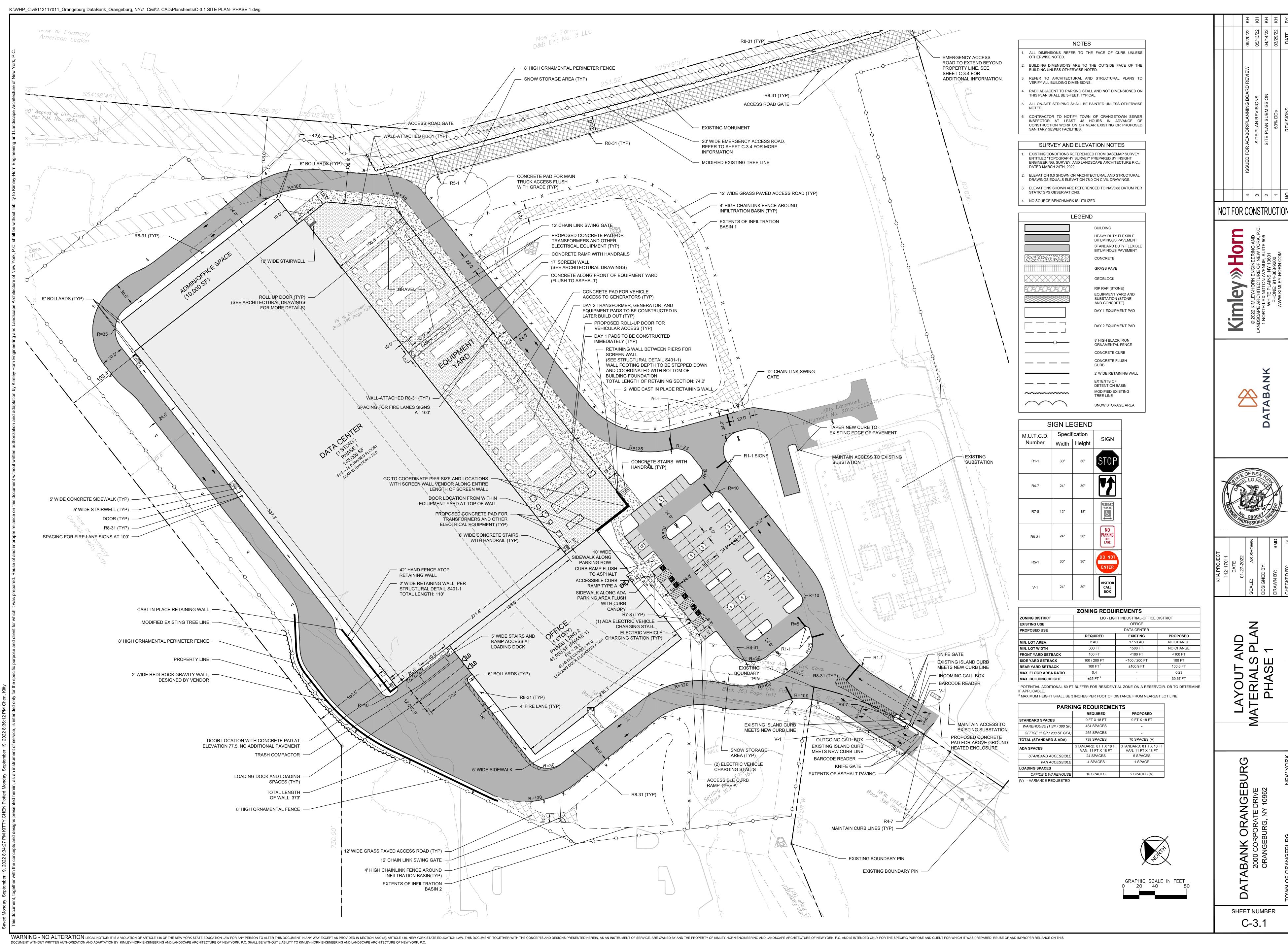
ABUTTERS LIST SOURCE: ROCKLAND COUNTY GIS AND BERGEN COUNTY GIS

. KIMLEY-HORN DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ON THIS SHEET. INFORMATION PROVIDED FOR GENERAL INFORMATIONAL PURPOSES ONLY.

SHEET NUMBER C-1.0

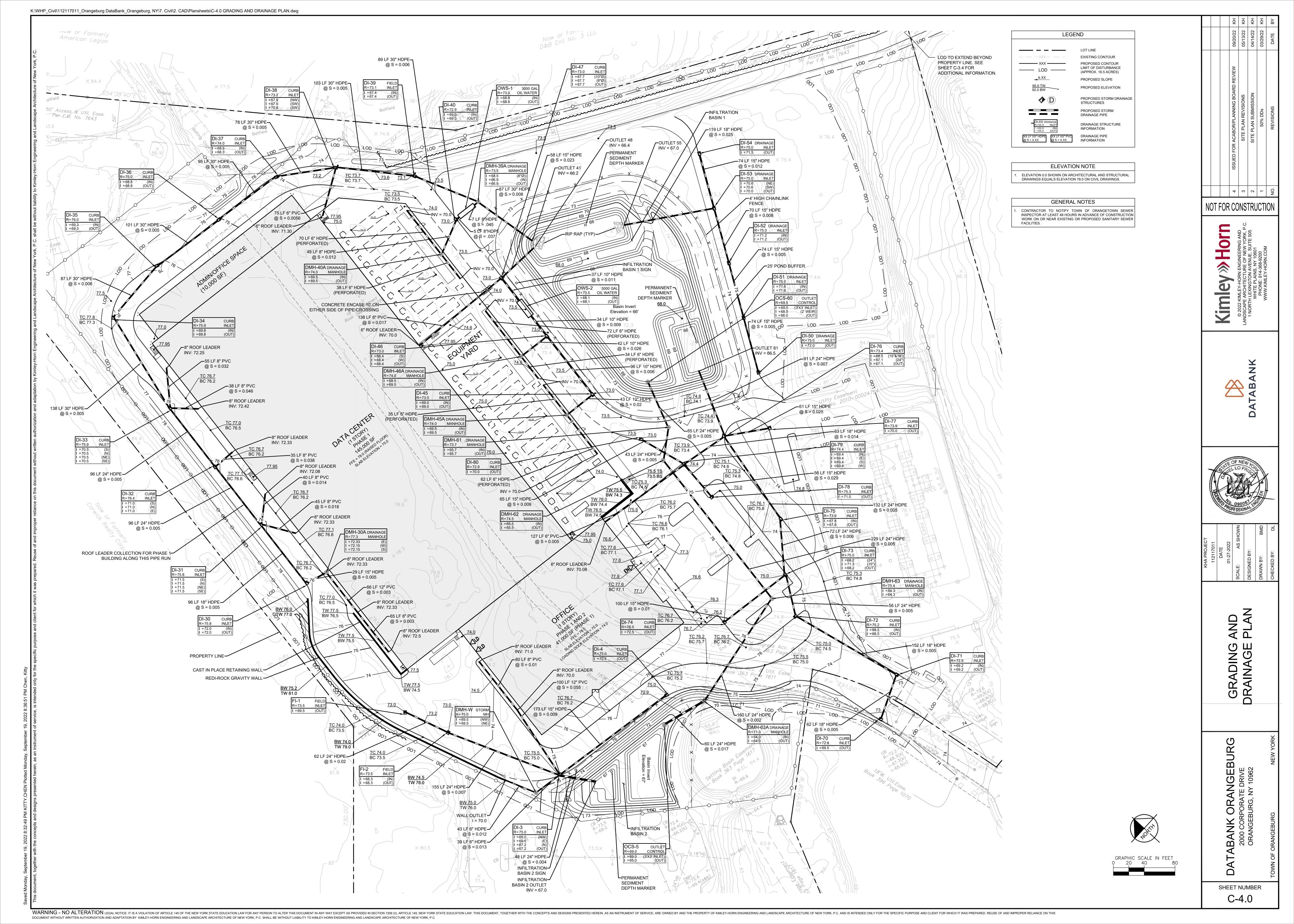


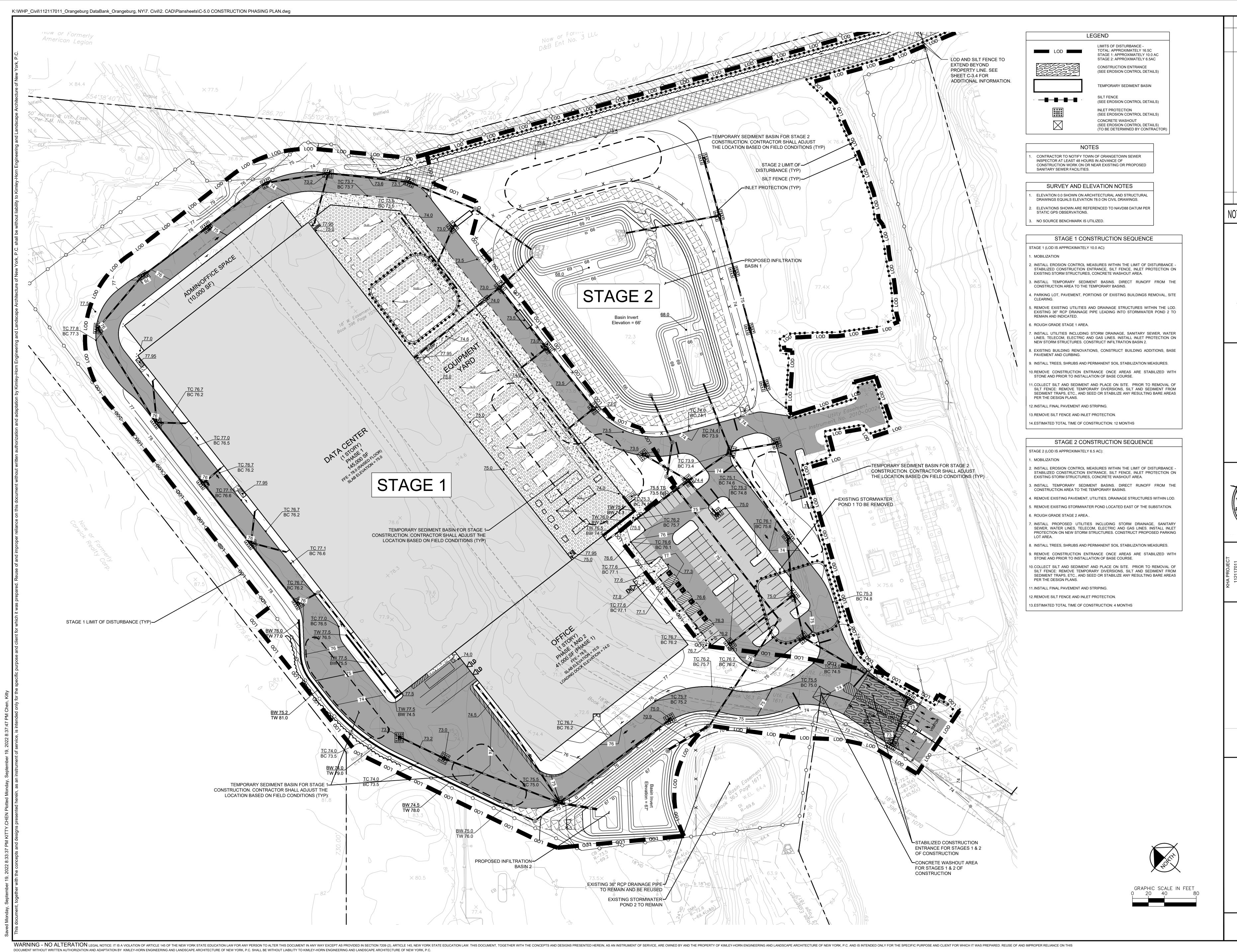
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SHEET NUMBER

C-3.1



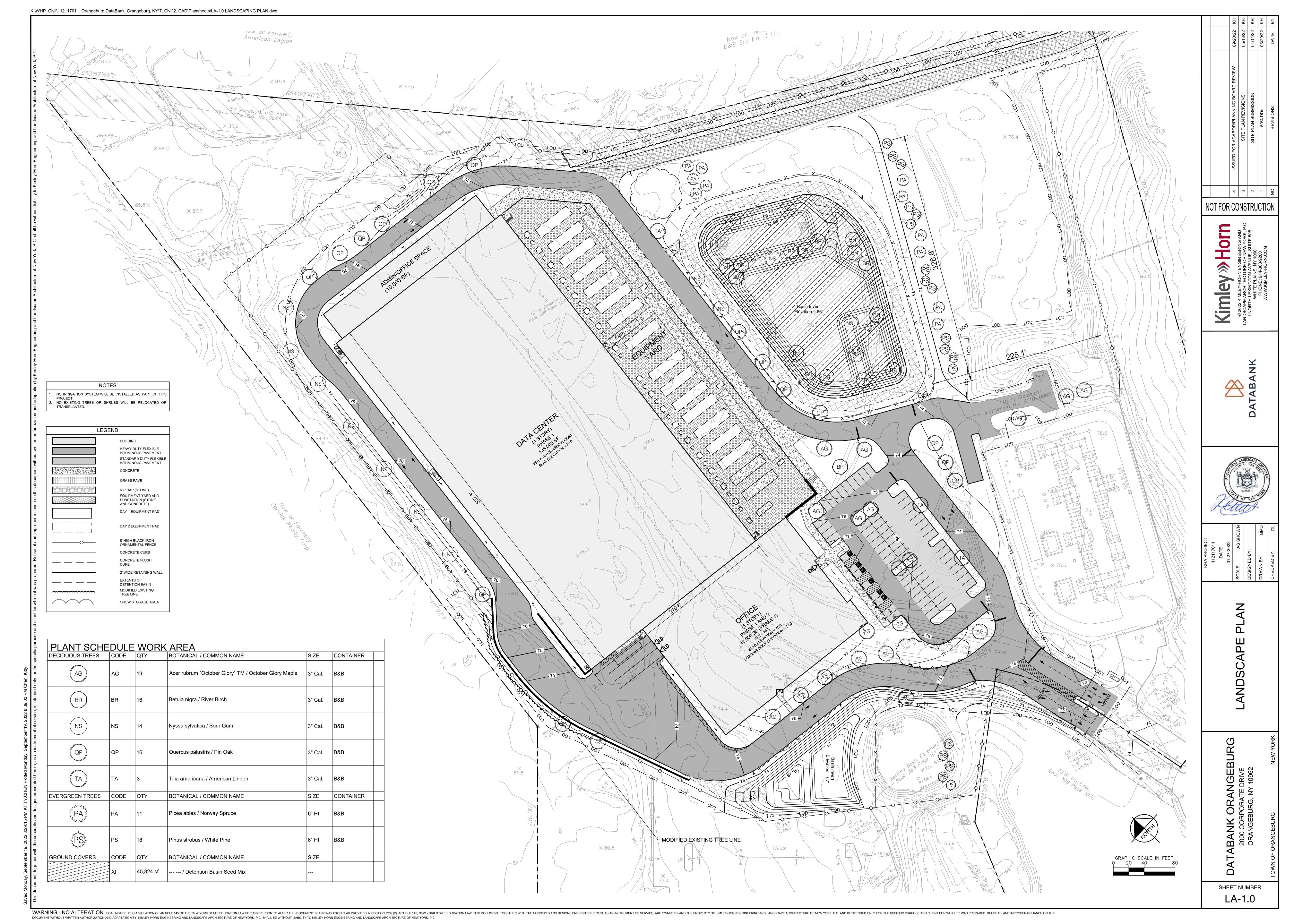


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SHEET NUMBER

C-5.0



- THE LANDSCAPE SUBCONTRACTOR SHALL CERTIFY THAT THE TOPSOIL PROPOSED FOR PLANTING HAS NOT BEEN TREATED WITH PLANT GROWTH OR SEED GERMINATION INHIBITORS WITHIN THE PERIOD OF THE IMMEDIATE OR
- a. TESTS AS REQUIRED TO PROVIDE THIS CERTIFICATION SHALL BE PAID FOR BY THE CONTRACTOR OR LANDSCAPE SUBCONTRACTOR. b. THE CERTIFICATION SHALL INCLUDE THE SOURCE OF THE TOPSOIL AND THAT THE MATERIAL DOES NOT CONTAIN RECYCLED MANMADE MATERIALS.
- TOPSOIL: TOPSOIL SHALL BE FERTILE, LOOSE, FRIABLE SOIL MEETING FOLLOWING CRITERIA:
- a.  $\;\;$  ANY IMPORTED TOPSOIL SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS FOR QUALITY AND USE b. GRADATION/TEXTURE AS DEFINED BY USDA TRIANGLE OF PHYSICAL CHARACTERISTICS AS MEASURED BY HYDROMETER: SAND- 15 TO 60 PERCENT SILT- 10 TO 60 PERCENT
- CLAY- 0 TO 20 PERCENT c. STRUCTURE- GRANULAR, CRUMB OR FINE SUBANGULAR BLOCKY d. SIZE- ONE HUNDRED PERCENT BY WEIGHT SHALL PASS A 1" OPENING AND A 97 TO 100 PERCENT SHALL PASS A % SIEVE, 20 PERCENT OR MORE THAN 65 PERCENT PASSING A NO. 200 MESH SIEVE AS DETERMINED BY A WASH TEST MADE IN ACCURACIES WITH THE STANDARD TEST ASTM D1140. ALL TOPSOIL SHALL BE OF GOOD RICH, UNIFORM GRADE,
- WITHOUT ADMIXTURE OF SUBSOIL MATERIAL e. ACIDITY I ALKALINITY RANGE - PH 5.8 TO 7.0

RESIDUAL EFFECTIVE LIFE OF THE INHIBITORS.

- . SOLUBLE SALTS LESS THAN 200 PPM SODIUM ABSORPTION RATIO (SAR) - LESS THAN 3.0 ORGANIC MATTER- 1.5%-4% BY WEIGHT, 10%-20% BY VOLUME
- DRAINAGE- WELL DRAINED TO MODERATELY WELL DRAINED NUTRIENT CONTENT- NORMAL CONTENTS OF NITROGEN, PHOSPHORUS AND POTASSIUM; NO SEVERELY LIMITED NUTRIENTS OR MICRONUTRIENT; NO NUTRIENT OR MICRONUTRIENT IMBALANCE. k. CONTAMINANTS- CLEAN AND FREE FROM TOXIC MINERALS AND CHEMICALS, AND NOXIOUS WEEDS, AND OTHER OBJECTIONABLE MATERIALS. NO CONSTRUCTION DEBRIS OR MANMADE RECYCLED MATERIALS.
- TOPSOIL AMENDMENT (LAWN AND PLANTING AREAS): INCORPORATE INTO THE EXISTING OR IMPORTED TOPSOIL AS RECOMMENDED BY THE LANDSCAPE ARCHITECT AND/OR REQUIRED TO REMEDY ANY DEFICIENCIES SHOWN IN SOIL TESTS ANY OF THE FOLLOWING AMENDMENTS TO MEET THE STANDARDS AS SPECIFIED FOR NEW TOPSOIL WITH SPECIFIED RANGES OF PH AS FOLLOWS: GENERAL PLANTING: 5.8-7.0

# LAWNS: 5.8-6.3 ERICACEOUS PLANTING: 4.5-5.5

- ACCEPTABLE AMENDMENTS: a. COMMERCIAL FERTILIZER: COMMERCIAL-GRADE COMPLETE FERTILIZER OF NEUTRAL CHARACTER, CONSISTING OF FAST-AND SLOW-RELEASE NITROGEN,
- 50 PERCENT DERIVED FROM NATURAL ORGANIC SOURCES. b. SLOW-RELEASE FERTILIZER: GRANULAR FERTILIZER CONSISTING OF 50 PERCENT FROM INSOLUBLE NITROGEN, PHOSPHORUS AND POTASSIUM.
- c. LIME: GROUND DOLOMITE LIMESTONE; 95 PERCENT PASSING THROUGH A 100-MESH SIEVE. d. ALUMINUM SULFATE: COMMERCIAL GRADE, UNADULTERATED.
- e. SUPER PHOSPHATE: FINELY GROUND PHOSPHATE ROCK AS COMMONLY USED FOR AGRICULTURAL PURPOSES; CONTAINING NOT LESS THAN 18 PERCENT AVAILABLE PHOSPHORIC ACID. f. BONE MEAL: COMMERCIAL RAW BONE MEAL, FINELY GROUND, MINIMUM ANALYSIS OF 1PERCENT NITROGEN AND 18
- PERCENT PHOSPHORIC ACID. g. SAND: ASTM C 33; FINE AGGREGATE.
- AMENDED SOIL: FOR USE IN RAIN GARDENS AND GRASS SWALE AREAS. THIS SOIL MATERIAL SHALL BE A UNIFORM MIX OF TOPSOIL, SAND, AND LEAF COMPOST MATERIAL MEETING THE FOLLOWING MATERIAL SPECIFICATIONS: 20%-30% TOPSOIL WITH <5% CLAY CONTENT
- 50% SAND
- 20%-30% LEAF COMPOST GRADATION/TEXTURE AS DEFINED BY USDA TRIANGLE OF PHYSICAL CHARACTERISTICS AS MEASURED BY HYDROMETER.
- BIORETENTION PLANTING I FILTER MEDIA: FOR USE IN STORMWATER BIORETENTION FILTERS. THE SOIL SHALL BE A UNIFORM MIX, FREE OF STONES, STUMPS, ROOTS OR OTHER SIMILAR OBJECTS LARGER THAN 2 INCHES. THE PLANTING I FILTER MEDIA MATERIAL SHALL BE TESTED (1 TEST/PER 100 CY) AND SHALL MEET THE FOLLOWING CRITERIA:
- PH RANGE: 5.8- 7.0 ORGANIC MATTER: 1.5-4%

LANDSCAPE NOTES

N.T.S.

- MAGNESIUM: 35 LB./AC. PHOSPHOROUS P205 75 LB./AC.
- POTASSIUM K20 85 LB./AC. SOLUBLE SALTS NOT TO EXCEED 500 PPM
- REFER ALSO TO THE PLANTING SOIL MATERIAL SPECIFICATIONS CONTAINED IN THE NYS STORMWATER MANAGEMENT DESIGN MANUAL DATED AUGUST 2010 OR LATEST REVISION THERETO.

SOURCE: KIMLEY-HORN

DRAINAGE COURSE: AGGREGATE LAYER SUPPORTING THE COLLECTION AND TRANSPORTING OF WATER. THE MATERIAL IS TO BE INSTALLED AS DETAILED ON THE DRAWINGS, ABOVE THE PREPARED SUBGRADE IN STORMWATER

- BIORETENTION FILTER AREAS AND/OR ABOVE THE SUBGRADE MATERIAL IN RAIN GARDENS. NARROWLY GRADED MIXTURE OF WASHED CRUSHED STONE, OR CRUSHED OR UNCRUSHED GRAVEL; ASTM D 448; COARSE-AGGREGATE GRADING AASHTO SIZE 57; WITH 100 PERCENT PASSING A 1-1/2-INCH SIEVE AND 0 TO 5 PERCENT PASSING A NO.8
- SUBBASE: NATURALLY OR ARTIFICIALLY GRADED MIXTURE OF NATURAL OR CRUSHED GRAVEL, CRUSHED STONE, AND NATURAL OR CRUSHED SAND; NYSDOT TYPE 1SUBBASE COURSE, ITEM 304.11. RECYCLED MATERIAL (BUILDING AND ROAD DEMOLITION MATERIAL AND RECYCLED MATERIAL CONSISTING OF BRICK, CEMENT CONCRETE, OR OTHER MATERIALS) MAY NOT BE USED.
- IMPORTED TOPSOIL- A SAMPLE OF IMPORTED TOPSOIL FROM THE SOURCE PROPOSED FOR USE SHALL BE TESTED AND THE RESULTS AND RECOMMENDATIONS FROM TESTING COPIED TO THE OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT. IMPORTED TOPSOIL SHALL BE TESTED FOR FERTILITY AND AGRICULTURAL SUITABILITY BY A LABORATORY SUCH AS RUTGERS SOIL TESTING LABORATORY'S TOPSOIL EVALUATION TEST OR OTHER TESTING LABORATORY APPROVED BY THE LANDSCAPE ARCHITECT AND STATE:
- IMPORTED TOPSOIL SHALL MEET MINIMUM SPECIFIED REQUIREMENTS AS SET FORTH IN PART 2 OF THIS SECTION AND BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO DELIVERY TO THE SITE.
- b. PERFORM A MINIMUM OF ONE (1) TOPSOIL TEST FOR EVERY 100 CY OF IMPORTED TOPSOIL MATERIAL PRIOR TO PLACEMENT OF THE MATERIAL IN THE FIELD.
- EACH ANALYSIS SHALL BE ACCOMPANIED BY THE TESTING AGENCY'S RECOMMENDATIONS FOR QUANTITIES OF NITROGEN, PHOSPHORUS, AND POTASH NUTRIENTS AND ANY LIMESTONE, ALUMINUM SULFATE, OR OTHER SOIL AMENDMENTS TO BE ADDED TO PRODUCE A SATISFACTORY TOPSOIL AMENDMENT FOR EACH TYPE OF PLANTING
- d. SUBMIT REPORT STATING NAME AND LOCATION OF SOURCE OF IMPORTED TOPSOIL AND ACCOUNT OF RECENT USE
- e. THE COST OF THE TESTING SHALL BE PAID FOR BY THE OWNER.
- UPON DELIVERY TO THE SITE AND PRIOR TO PLANTING, ALL PLANT MATERIALS SHALL BE INSPECTED BY THE LANDSCAPE ARCHITECT AND/OR THE OWNER'S REPRESENTATIVE FOR SIZE, VARIETY, CONDITION, DEFECTS OR INJURY.
- 10. ALL REJECTED PLANT MATERIALS SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND REPLACED WITH ACCEPTABLE PLANT MATERIALS.
- REQUESTS FOR SUBSTITUTIONS (INCLUDING PLANTS NOT AVAILABLE) FOR SPECIFIED PLANT MATERIALS WILL NOT BE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL BY THE OWNER'S REPRESENTATIVE AFTER CONSULTATION WITH THE LANDSCAPE ARCHITECT. LANDSCAPE SUBCONTRACTOR SHALL REQUEST ALL LANDSCAPING MATERIAL SUBSTITUTIONS IN WRITING.
- DELIVER SOD, PLANTS, TREES, AND SHRUBS IN HEALTHY AND VIGOROUS CONDITION AND STORE IN LOCATION ON SITE WHERE THEY WILL NOT BE ENDANGERED AND WHERE THEY CAN BE ADEQUATELY WATERED AND KEPT IN HEALTHY AND VIGOROUS CONDITION.
- DO NOT PLANT TREES AND SHRUBS UNTIL MAJOR CONSTRUCTION OPERATIONS ARE COMPLETED AND APPROVED BY THE OWNER.
- COORDINATE INSTALLATION OF PLANTING MATERIALS DURING NORMAL PLANTING SEASONS FOR EACH TYPE OF PLANT MATERIAL REQUIRED. PERFORM ACTUAL PLANTING ONLY WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE IN ACCORDANCE WITH LOCALLY ACCEPTED PRACTICE.
- BEFORE PROCEEDING WITH WORK, VERIFY DIMENSIONS AND QUANTITIES. REPORT VARIATIONS BETWEEN THE DRAWINGS AND SITE CONDITIONS IMMEDIATELY TO THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH LANDSCAPE WORK. PLANT TOTALS ARE FOR CONVENIENCE OF CONTRACTOR ONLY AND ARE NOT GUARANTEED. VERIFY AMOUNTS SHOWN ON DRAWINGS.
- MACHINE AND HAND EXCAVATE AS REQUIRED TO PREPARE PLANTING AREAS. WHEN CONDITIONS DETRIMENTAL TO PLANT GROWTH ARE ENCOUNTERED, SUCH AS RUBBLE FILL OR ADVERSE DRAINAGE CONDITIONS, NOTIFY LANDSCAPE ARCHITECT BEFORE PLANTING.
- PLANTS SHALL CONFORM TO REQUIREMENTS OF PLANT LIST AND KEY AS SHOWN ON CONTRACT DOCUMENTS; BE NURSERY GROWN; CONFORM TO THE RELATIONSHIP OF CALIPER, HEIGHT AND ROOT BALL SIZE PER ANSI Z60.1 STANDARD; BE HARDY UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT; BE TYPICAL OF THEIR SPECIES OR VARIETY, WITH A NORMAL HABIT OF GROWTH; BE SOUND, HEALTHY AND VIGOROUS; BE UNIFORMLY AND WELL BRANCHED, FREE OF LARGE VOIDS, AND DENSELY FOLIATED WHEN IN LEAF; BE FREE OF DISEASE, INSECT PESTS, EGGS OR LARVAE: AND HAVE HEALTHY, WELL DEVELOPED ROOT SYSTEMS, THE TRUNK AND MAIN BRANCHES SHALL BE FREE OF WOUNDS AND DAMAGED AREAS. TREES WITH BARK INCLUDED WITHIN MAJOR BRANCH UNIONS WILL NOT BE ACCEPTED. TREES WITH ROOT BALLS THAT HAVE BOUND OR GIRDLED ROOTS SHALL BE

REJECTED.

ONE YEAR AFTER PLANTING, THAN AT PLANTING.

- "NURSERY-GROWN" SHALL MEAN GROWN IN THE NURSERY FROM LINERS OR COLLECTED AND THEN GROWN IN A NURSERY NOT LESS THAN 2 YEARS. "HEALTHY, VIGOROUS CONDITION SHALL MEAN LIVE FOLIAGE OUT TO THE TIPS OF ALL BRANCHES AND STEMS, AND A TRUNK CALIPER THAT IS BIGGER,
- PROVIDE COPIES OF MATERIAL CERTIFICATES SIGNED BY THE SUPPLIER CERTIFYING THAT THE SEED MIXES COMPLY WITH SPECIFIED REQUIREMENTS. THE CERTIFICATE SHALL IDENTIFY BOTANICAL AND COMMON NAMES, PERCENT BY WEIGHT OF EACH SPECIES AND VARIETY, AND PERCENT OF PURITY, GERMINATION AND WEED SEED.
- LANDSCAPE SUBCONTRACTOR TO COORDINATE WITH LANDSCAPE ARCHITECT TO VISIT HORTICULTURAL NURSERIES PROPOSED TO SUPPLY PLANT MATERIAL FOR INSTALLATION AT PROJECT SITE WHERE THE LANDSCAPE ARCHITECT MAY VIEW THE QUALITY OF THE PLANTING MATERIAL AND STORAGE/HOLDING CONDITIONS. DURING THE NURSERY INSPECTION, THE LANDSCAPE ARCHITECT MAY FLAG, TAG OR PHOTOGRAPH SAMPLE THE SELECTED PLANT MATERIAL FOR INSTALLATION AT THE PROJECT SITE. LANDSCAPE ARCHITECT SHALL BE GIVEN A MINIMUM OF THREE (3) DAYS ADVANCED NOTICE OF PLANT DELIVERY TO SITE.
- ALL REJECTED PLANT MATERIALS SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND REPLACED WITH ACCEPTABLE PLANT MATERIALS AT NO ADDITIONAL COST TO THE OWNER. REPLACE DAMAGED PLANTINGS AT NO ADDITIONAL COST TO OWNER.
- THE LANDSCAPE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TWO (2) COPIES OF WRITTEN INSTRUCTIONS RECOMMENDING PROCEDURES TO BE ESTABLISHED BY THE OWNER FOR THE MAINTENANCE OF THE LANDSCAPE WORK FOR ONE (1) FULL YEAR.
- UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT, DECIDUOUS MATERIAL SHALL BE PLANTED FROM MARCH 1TO MAY 1AND FROM OCTOBER 15 TO DECEMBER 15AND EVERGREEN MATERIAL SHALL BE PLANTED FROM APRIL 1TO MAY 15 AND FROM SEPTEMBER 1TO NOVEMBER 1.
- WATERING SCHEDULE: LANDSCAPE SUBCONTRACTOR SHALL SUBMIT TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL A SCHEDULE AND METHODOLOGY FOR WATERING PLANTS DURING THE ONE (1) YEAR MAINTENANCE SCHEDULE.
- MAINTAIN, WATER, AND PROTECT PLANTINGS UNTIL FINAL ACCEPTANCE BY OWNER.
- ALL PLANT MATERIALS SHALL BE WATERED IMMEDIATELY UPON PLANTING AND THEN WATERED, FERTILIZED, PRUNED. WEEDED, AND MAINTAINED AS REQUIRED TO KEEP PLANT MATERIAL IN A HEALTHY, VIGOROUS CONDITION.
- GUARANTEE TREES, SHRUBS, GROUNDCOVER AND OTHER PLANTED MATERIAL AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE PLANTED MATERIAL, EXCEPT FOR DEFECTS RESULTING FROM NEGLECT BY THE OWNER, ABUSE OR DAMAGE BY OTHERS, OR UNUSUAL PHENOMENA OR INCIDENTS WHICH ARE BEYOND THE LANDSCAPE SUBCONTRACTOR'S CONTROL FINAL DECISIONS REGARDING REPLACEMENT OF PLANTED MATERIAL SHALL BE MADE BY THE LANDSCAPE ARCHITECT. THE LANDSCAPE SUBCONTRACTOR, IF NOT MAINTAINING THE PROPERTY DURING THE GUARANTEE PERIOD SHALL BE RESPONSIBLE FOR MAKING MONTHLY INSPECTIONS AND ISSUING WRITTEN REPORTS TO THE OWNER DETAILING ANY MAINTENANCE PRACTICES HE OBSERVES WHICH WOULD IN ANY WAY NEGATE HIS GUARANTEE OBLIGATION SO THAT CORRECTIVE MEASURES MAY BE TAKEN.
- REPLACEMENT PLANTS UNDER THIS GUARANTEE SHALL BE GUARANTEED FOR ONE (1) FULL GROWING SEASON FROM DATE OF INSTALLATION. PLANT MATERIAL REPLACEMENT, IF REQUIRED, DURING THE GUARANTEE PERIOD.
- 22. ALL PLANT MATERIAL REQUIRED UNDER THIS CONTRACT, DEEMED BY THE LANDSCAPE ARCHITECT TO BE UNSIGHTLY, UNHEALTHY, OR EXCESSIVELY PRUNED, DURING AND AT THE END OF THE GUARANTEE PERIOD, SHALL BE REPLACED OR ADDED AS SOON AS CONDITIONS PERMIT.
- 23. PROVIDE ALL EQUIPMENT AND MEANS FOR PROPER APPLICATION OF WATER TO INSTALLED PLANT MATERIAL FOR THE DURATION OF THE MAINTENANCE PERIOD.
- 24. ALL SEEDED AREAS MUST HAVE 100% COVER OF SEEDED FORBS OR GRASSES AT END OF FIRST FULL GROWING SEASON.
- SEEDED AREAS- STALKS OF OATS, WHEAT, RYE OR OTHER APPROVED CROPS FREE FROM SEED OR NOXIOUS WEEDS. PLANT BEDS AND TREE PITS -100% DOUBLE SHREDDED HARDWOOD BARK MULCH WITH FIBROUS TEXTURE, NATURAL (NO DYE) COLOR.
- c. BIORETENTION FILTER AREAS -100% SHREDDED HARDWOOD MULCH AGED SIX (6) TO TWELVE (12) MONTHS

# (REFER TO SPECIFICATIONS BY OTHERS FOR COMPLETE SOIL MATERIAL AND **EARTHWORK INFORMATION)**

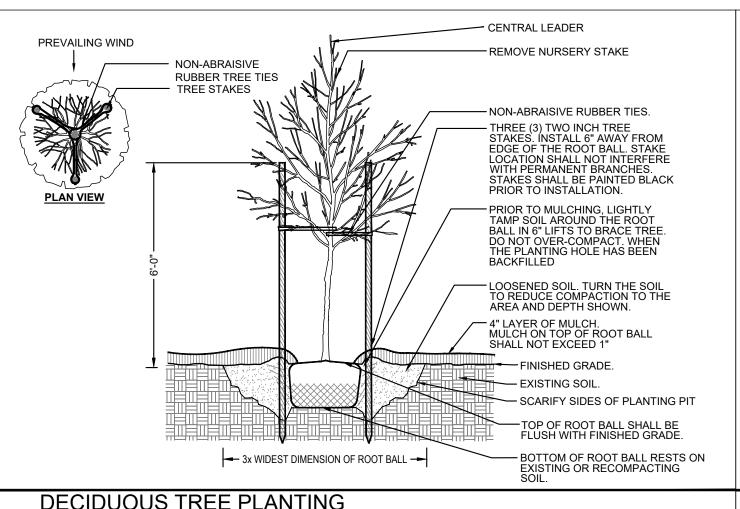
. GENERAL: PROVIDE BORROW SOIL MATERIAL WHEN SUFFICIENT SATISFACTORY SOIL MATERIALS ARE NOT AVAILABLE FROM

MATERIALS, VEGETATION, AND OTHER DELETERIOUS MATTER.

- SATISFACTORY SOILS: SOIL CLASSIFICATION GROUPS GW, GM, SW, AND SP ACCORDING TO ASTM D 2487, OR A COMBINATION OF THESE SOIL GROUPS. FREE FROM ROCK OR GRAVEL LARGER THAN 3 INCHES IN ANY DIMENSION, DEBRIS, WASTE, FROZEN
- 3. <u>UNSATISFACTORY SOILS:</u> SOIL CLASSIFICATION GROUPS SM, SC, CL, ML, OL, CH, MH, OH, AND PT ACCORDING TO ASTM D 2487, OR A COMBINATION OF THESE SOIL GROUPS.
- 3.1. UNSATISFACTORY SOILS ALSO INCLUDE SATISFACTORY SOILS NOT MAINTAINED WITHIN 2 PERCENT OF OPTIMUM MOISTURE CONTENT AT THE TIME OF COMPACTION.
- 4. SUBBASE MATERIAL: NATURALLY OR ARTIFICIALLY GRADED MIXTURE OF NATURAL OR CRUSHED GRAVEL, CRUSHED STONE, AND NATURAL OR CRUSHED SAND, ASTM D2940, WITH AT LEAST 90 PERCENT PASSING A 1-1/2" (37.5MM) SIEVE AND NOT MORE THAN 5 PERCENT PASSING A NO. 200 (0.075MM) SIEVE.
- BASE COURSE: NATURALLY OR ARTIFICIAL GRADED MIXTURE OF NATURAL OR CRUSHED GRAVEL, CRUSHED STONE, AND NATURAL OR CRUSHED SAND, NYSDOT ITEM 304.11. RECYCLED MATERIAL (BUILDING AND ROAD DEMOLITION MATERIAL CONSISTING OF BRICK, CEMENT CONCRETE, OR OTHER MATERIALS) MAY NOT BE USED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER.
- 3. ENGINEERED FILL: NATURALLY OR ARTIFICIALLY GRADED MIXTURE OF NATURAL OR CRUSHED GRAVEL, CRUSHED STONE, AND NATURAL OR CRUSHED SAND; ASTM D 2940; WITH AT LEAST 90 PERCENT PASSING A 1-1/2 INCH (37.5MM) SIEVE AND NOT MORE THAN 12 PERCENT PASSING A NO.200 (0.075MM) SIEVE.
- BEDDING COURSE: NATURALLY OR ARTIFICIALLY GRADED MIXTURE OF NATURAL OR CRUSHED GRAVEL, CRUSHED STONE, AND NATURAL OR CRUSHED SAND; ASTM D 2940; WITH 100 PERCENT PASSING A 1-INCH (25MM) SIEVE AND NOT MORE THAN 0 TO 5 PERCENT PASSING A NO.8 (2.36MM) SIEVE.
- DRAINAGE COURSE: NARROWLY GRADED MIXTURE WASHED CRUSHED STONE, OR CRUSHED OR UNCRUSHED GRAVEL; ASTM D 448; COURSE AGGREGATE GRADING SIZE 57 WITH 100 PERCENT PASSING A 1-1/2 INCH (37.5MM) SIEVE AND 0 TO 5 PERCENT PASSING A NO.4 (4.75MM) SIEVE.
- 9. <u>FILTER MATERIAL:</u> NARROWLY GRADED MIXTURE OF NATURAL OR CRUSHED GRAVEL, CRUSHED STONE, AND NATURAL SAND; ASTM D 448; COURSE AGGREGATE GRADING SIZE 67 WITH 100 PERCENT PASSING A 1-INCH (25MM) SIEVE AND 0 TO 5 PERCENT PASSING A NO.8 (2.36MM) SIEVE.
- 10. TRAP ROCK: NARROWLY GRADED MIXTURE OF WASHED CRUSHED STONE; ASTM D 448; COURSE AGGREGATE GRADING SIZE 1
- WITH 100 PERCENT PASSING A 4-INCH (100MM) SIEVE AND 0 TO 15 PERCENT PASSING A 1-1/2 INCH (37.5MM) SIEVE.
- 11. SAND: ASTM C 33; FINE AGGREGATE.
- 12. IMPERVIOUS FILL: CLAYEY GRAVEL AND SAND MIXTURE CAPABLE OF COMPACTING TO A DENSE STATE.
- 13. TOPSOIL: SEE SPECIFICATIONS BY OTHERS

# SOIL MATERIAL NOTES

SOURCE: KIMLEY-HORN



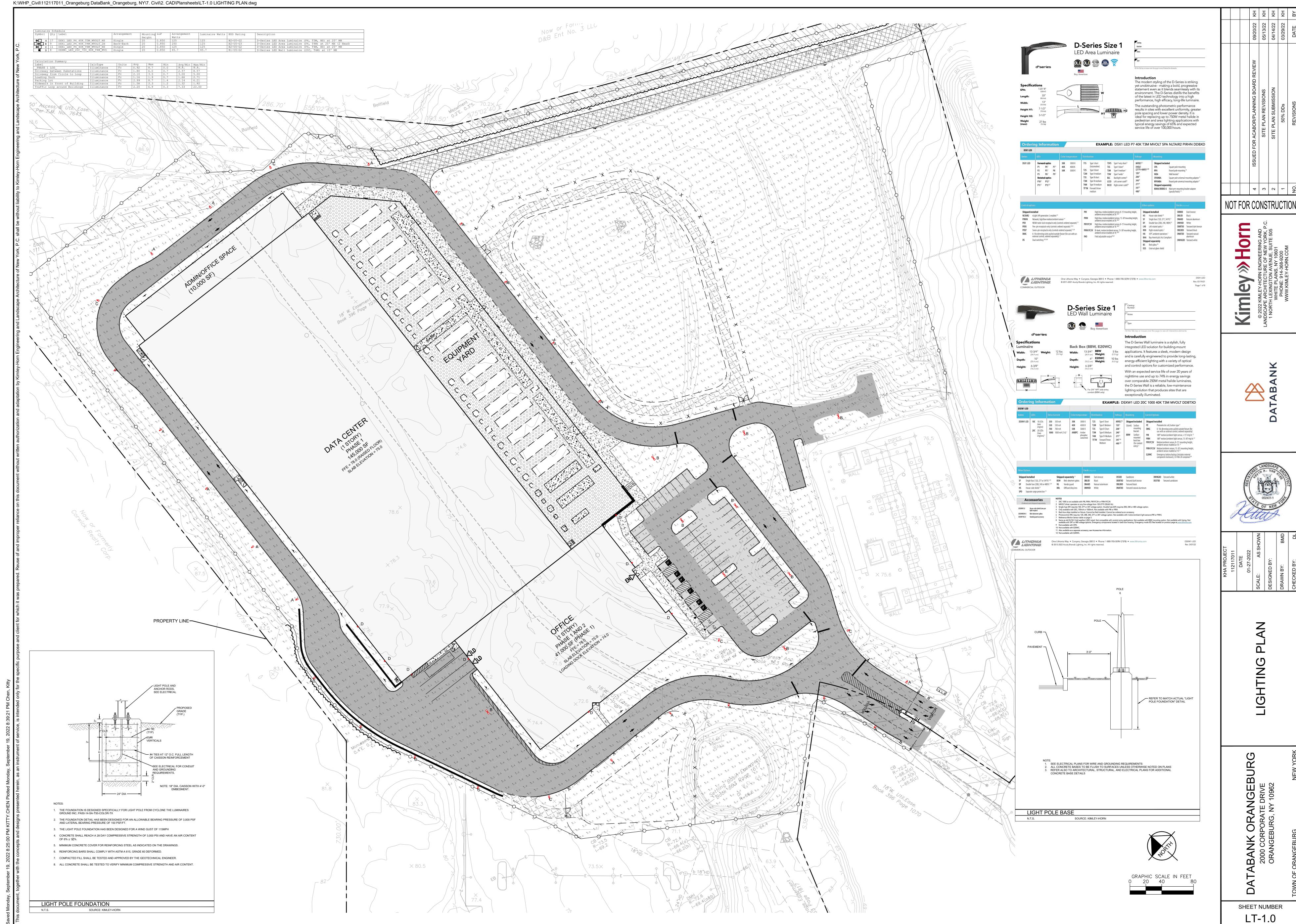
SET TREE PLUMB IN PLANTING ½" DIA. BLACK RUBBER HOSE DOUBLE STRAND,12 GAUGE GALVANIZED WIRE.TWISTED UNTIL TAUT,W/ SURVEYOR'S FLAG — CUT AND REMOVE BURLAP FROM <sup>1</sup>/<sub>3</sub> OF ROOTBALL 3" EARTH BERM -TO FORM SAUCER INCREASE WIDTHS WHEN 3" MULCH -COMPACTED OR POORLY DRAINED PLANTING MIX -SOILS ARE PRESENT 6" MIN. BETWEEN BALL AND -LOOSEN SUBSOIL AT BOTTOM OF EXCAVATION **BOTTOM OF EXCAVATION** TO 6' MIN DEPTH TAMP FINISH GRADE : 3 - 2x2 HARDWOOD STAKE COMPACTED SUB GRADE -56" LENGTH EVERGREEN TREE PLANTING

DECIDUOUS TREE PLANTING SOURCE: KIMLEY-HORN N.T.S. N.T.S. SOURCE: KIMLEY-HORN

NOT FOR CONSTRUCTION

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SHEET NUMBER LA-1.1



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