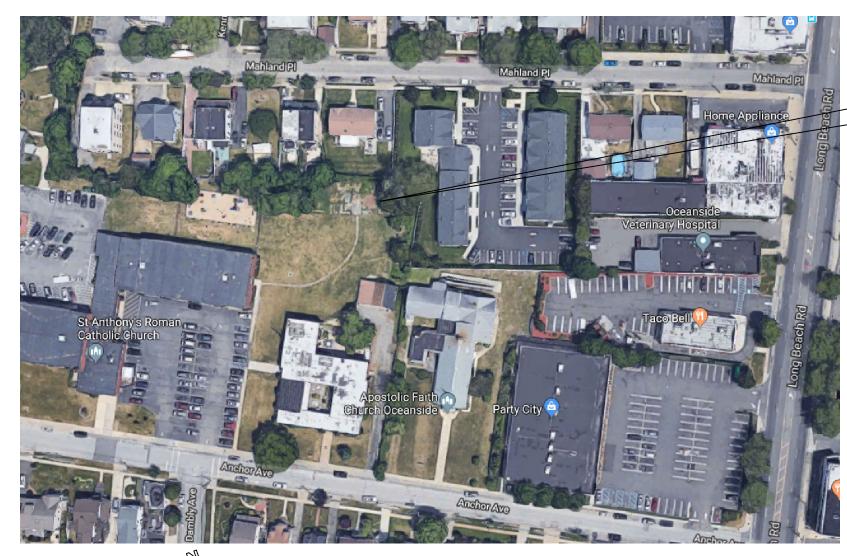
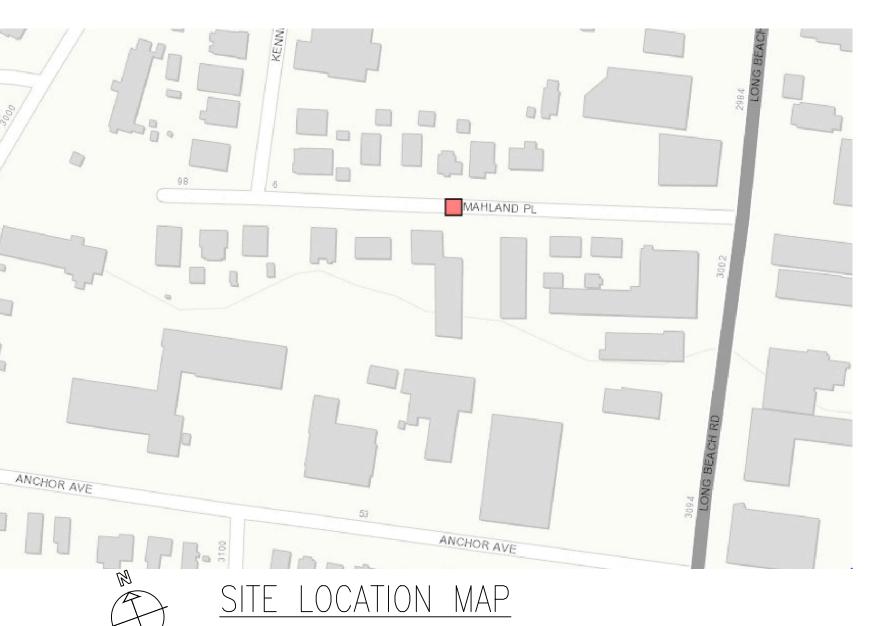
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REFE	RENCES		
ITEM/DOCUMENT	PREPARED BY	DATE	
ALTA/ACSM LAND TITLE & TOPOGRAPHIC SURVEY	ABDUL KHAN & RAYON WALCOTT	12/13/18	
ALTA/ACSM LAND TITLE & TOPOGRAPHIC SURVEY	ABDUL KHAN & RAYON WALCOTT	12/13/18	
SUMMARY REPORT OF FINDINGS PHASE I & II ENVIRONMENTAL SITE ASSESSMENT, SURVEY FOR ASBESTOS CONTAINING MATERIALS	ABDUL KHAN & RAYON WALCOTT	12/13/18	
GEOTECHNICAL INVESTIGSTION	ABDUL KHAN & RAYON WALCOTT	12/13/18	
ZONI	NG DATA	1	
ZONE: BUSINESS DISTRICT	1, S.C. TAX MAP# 043 - 376 - 4	0	
OWNER/ APF	PLICANT INFORMATION	NC	
APPLICANT	FARMINGDALE STATE COLLEGE 2350 BROADHOLLOW ROAD, FARMINGDALE, NY 11735-1021 TEL: (631)420-2000		
PROPERTY OWNER:	PROFESSOR LOPICCOLO		
GOVERNI	NG AGENCIES		
TOWN OF ISLIP:	PLANNING 655 MAIN STREET ISLIP, NY 11751 TEL: 631) 224–5450		
	DIVISION OF BUILDING 1 MANITTON COURT ISLIP, NY 11751 TEL: 631) 224-5470		
WATER:	SCWA — SUFFOLK COUNTY WATER AUTHORITY 4060 SUNRISE HIGHWAY OAKDALE, NY 11769 (631) 563–0244		
SEPTIC:	SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES OFFICES OF WASTEWATER MANAGEMENT SUFFOLK COUNTY CENTER — RIVERHEAD, NY 11901 (631) 852-2100		
ELECTRIC:	KEYSPAN 175 EAST OLD COUNTRY ROAD HICKSVILLE, NY 11801 KEN CAMILLERI (516) 545–3865		
GAS:	KEYSPAN 175 EAST OLD COUNTRY ROAD HICKSVILLE, NY 11801 KEN CAMILLERI (516) 545–3865		
TELEPHONE:	VERIZON (631) 435-2205		
SUFFOLK COUNTY:	DEPARTMENT OF PUBLIC WORKS 335 YAPHANK AVENUE YAPHANK, NY 11980 (631) 852-4010		

PROPOSED ATHLETIC CENTER CIVIL PLAN PACKAGE MAHLAND PL DISTRICT 1; SECTION 43; BLOCK 376; LOT 40 TOWN OF ISLIP SUFFOLK COUNTY, NEW YORK

SITE







SITE AERIAL MAP

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PREPARED BY:

ABDUL KHAN & RAYON WALCOTT

2350 BROADHOLLOW ROAD,

FARMINGDALE, NY 11735-1021

STATE ONE IS CARDABLE OF BENINGDALLE

RAYON WALCOTT &
OWNER ABDUL KHAN

COMMERCIAL SITE PLAN PROJECT

ARC 364 SITE DESIGN

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RAYON WALCOTT &
OWNER ABDUL KHAN

COMMERCIAL SITE PLAN PROJECT

ARC 364

MARK DATE DESCRIPTION

PROJECT NO: ---
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CHK'D BY: ###

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SHEET TITLE

COVER SHEET

A-1
SHEET **SHEET INDEX** OF **TOTAL SHEETS**

THE CONTRACTOR SHALL BE FAMILIAR WITH AND SHALL BE RESPONSIBLE FOR THE PROCUREMENT AND SCHEDULING OF ANY AND ALL CERTIFICATIONS, TESTING, INSPECTIONS, ETC., INCLUDING THOSE THAT SHALL BE PERFORMED BY THRD PARTIES, REQUIRED BY THE APPROPRIATE GOVERNING JURISDICTIONS DURING THE COURSE OF CONSTRUCTION OR FOR THE PURPOSES OF PROCURING SIGNORPS, CERTIFICATE OF COMPLETIONS OR CERTIFICATE OF OCCUPANCY. IF THE CONTRACT DOCUMENTS OR ANY LAWS, RULES, ORDINANCES OR REGULATIONS OF ANY FEDERAL, STATE OR LOCAL GOVERNMENTAL AUTHORITIES HAVING JURISDICTION OVER THE WORK REQUIRE THAT ANY WORK BE INSPECTED OR TESTED, CONTRACTOR SHALL GIVE SUCH GOVERNING ENTITIES TIMELY NOTICE OF READINESS OF THE WORK FOR INSPECTION OR TESTING, COORDINATE AND FIX THE

DETERMINED BY THE ARCHITECT.

THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE CIVIL DESIGN DOCUMENTS AND THE ARCHITECTURAL DOCUMENTS FOR REFERENCE TO EXACT BUILDING UTILITY CONNECTION LOCATIONS, GREASE TRAP REQUIREMENTS AND DETAILS, ENTRY AND EXIT LOCATIONS, FINISHED FLOOR ELEVATIONS AND EXTERIOR GRADING, ETC. THE UTILITY SERVICE SIZES SHALL BE

ALL CONCRETE SHALL HAVE THE MINIMUM COMPRESSIVE STRENGTH AT TWENTY-EIGHT (28) DAYS UNLESS OTHERWISE INDICATED IN THE CONSTRUCTION DOCUMENTS. UNSUITABLE MATERIALS, CONSTRUCTION DEBRIS, EXCESS SOIL, ETC., SHALL BE PROPERLY REMOVED AND DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL CODES, ORDINANCES, AND LAWS OF THE APPLICABLE GOVERNING JURISDICTIONS ALL FILL, COMPACTION AND BACKFILL MATERIALS AND PLACEMENT METHODS REQUIRED FOR THE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS PROVIDED IN THE SOIL MECHANICS STUDIES. THE CONTRACTOR SHALL PLACE ASPHALT WITH SUITABLE GRADES TO PREVENT PONDING.

DATE FOR SUCH INSPECTION OR TESTING BY SUCH JURISDICTIONAL ENTITIES AND PROCURE THE

NECESSARY MEANS TO HAVE SUCH INSPECTION OF TESTING PERFORMED TO THE SATISFACTION OF

THE CONTRACTOR SHALL BE RESPONSIBLE TO USE APPROPRIATE DUST CONTROL AND EROSION CONTROL MEASURES IN ACCORDANCE WITH FEDERAL, STATE AND OR LOCAL STANDARDS, RULES, REGULATIONS OF THE APPROPRIATE GOVERNING JURISDICTIONS, AFTER CONSTRUCTION IS COMPLETE, ADJACENT STRUCTURES AND AREAS SHALL BE CLEANED OF ALL DUST AND DEBRIS CAUSED BY THE CONSTRUCTION OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL ADJACENT AREAS TO THEIR PRE-CONSTRUCTION CONDITIONS.

THE CONTRACTOR SHALL SAFEGUARD THE PROJECT SITE IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL CODES AS NECESSARY TO PERFORM THE CONSTRUCTION IN SUCH A MANNER AS TO PREVENT ENTRY BY UNAUTHORIZED PERSONS AT ANY AND ALL TIMES.

THE CONTRACTOR SHALL NOT USE AREAS OUTSIDE THE PROPERTY LINE AND OR WORK LIMITS WITHOUT WRITTEN PERMISSION FROM THE OWNER AND OR THE APPROPRIATE GOVERNING JURISDICTIONS, WHICH MAY BE IN THE FORM OF PERMITS.

DURING ALL CONSTRUCTION RELATED OPERATIONS, THE CONTRACTOR SHALL PROTECT AND MAINTAIN THE OPERATION, IN A MANNER SATISFACTORY TO OWNER, OF ALL ACTIVE SYSTEMS THAT ARE NOT TO BE REMOVED.

PROPOSED WATER SERVICE MATERIALS, BURIAL DEPTH AND COVER REQUIREMENT SHALL BE IN ACCORDANCE WITH THE LOCAL UTILITY COMPANIES' REQUIREMENTS, CONTRACTOR SHALL INCLUDE ALL FEES AND APPURTENANCES REQUIRED BY THE LOCAL UTILITY COMPANIES TO PROVIDE THE OWNER WITH A COMPLETE WORKING WATER SERVICE ALL TOPOGRAPHY SHOWN IN THESE CONSTRUCTION DOCUMENTS DEPICT THE EXISTING CONDITIONS AT THE TIME OF THE CONTRACT DOCUMENTS' PREPARATION. CONTRACTOR SHALL OBSERVE THE CONDITIONS OF THE PROJECT PRIOR TO COMMENCING CONSTRUCTION RELATED ACTIVITIES AND NOTIFY THE OWNER AND THE ENGINEER OF RECORD IN WRITING OF ANY DEMATIONS FROM THE CONSTRUCTION DOCUMENTS ARE OBSERVED.

CONTRACTOR MUST CARRY STATUTORY WORKERS COMPENSATION INSURANCE, EMPLOYERS LIABILITY INSURANCE AND APPROPRIATE LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE (CGL), CONTRACTOR MUST HAVE THEIR CGL POLICY ENDORSED NAMING BOHLER ENGINEERING, PC AND ITS APPLIATES AS ADDITIONAL INSURED AND TO PROVIDE CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO ENSURE THE HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED BY THE CONTRACTOR. THE CONTRACT SHALL FURNISH CERTIFICATES TO BOHLER ENGINEERING, PC AS EVIDENCE OF THE REQUIRED INSURANCE PRIOR, TO COMMENCING WORK AND WITHIN THIRTY (RI) DAYS UPON RENEWAL OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION. CONTRACTOR MUST HAVE ITS INSURANCES IN FULL FORCE THROUGHOUT THE CONSTRUCTION. IN ADDITION, THE CONTRACTOR WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, INDEMNIFY AND HOLD HARMLESS BOHLER ENGINEERING, PC AND ITS APPLIATES FROM AND AGAINST ANY DAMAGES, LIABILITIES OR COSTS, INCLUDING REASONABLE ATTORNEY FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE PROJECT, INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTOR.

UNLESS OTHERWISE AGREED TO IN WRITING SIGNED BY AN OFFICER OF FARMINGDALE STATE COLLEGE, UNDER NO CIRCUMSTANCE IS ANY PERSON A THIRD PARTY BENEFICIARY OF THE AGREEMENT BETWEEN ABDUL. RAYON AND THE OWNER

ADA NOTE

ALL ADA PARKING STALLS, SIDEWALKS, RAMPS AND ALL OTHER ACCESS PROVISIONS TO INTO AND FROM BUILDINGS AND TO AND FROM PARKING AREAS AND PUBLIC WAYS SHALL BE CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH ADA REQUIREMENTS. THE OWNER AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADA COMPLIANCE WITH ANY PROPOSED SIDEWALK CONSTRUCTION AND OTHER SITE WORK ELEMENTS (WHETHER ON OR OFF SITE). IT IS THE OWNER RESPONSIBILITY TO MAINTAIN CONTINUED ADA COMPLIANCE AT THE PROJECT SITE REGARDING ACCESS, PARKING AND DIMENSIONAL REQUIREMENTS

THESE GENERAL NOTES PROVIDED HEREIN ARE INTENDED TO SUPPLEMENT THE NOTES AND OR SPECIFICATIONS PROVIDED ELSEWHERE IN THESE CONTRACT DOCUMENTS AND ANY CODES, RULES. REGULATIONS, AND OR LAWS PROMULGATED BY APPLICABLE GOVERNING JURISDICTIONS. CONTRACTORS ARE HADE FULLY AWARE THAT THIS GENERAL NOTES SHEET IS PART OF THE ENTIRE CONTRACT DOCUMENTS AND SHALL NOT BE OMITTED IN ANY PARTIAL TRANSMISSIONS OF THE CONTRACT DOCUMENTS. CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE ANY PARTIAL TRANSMISSION OR RECEIPT OF THE CONTRACT DOCUMENTS INCLUDES THIS GENERAL NOTES SHEET.

BOHLER ENGINEERING, PC IS NOT RESPONSIBLE OR RETAINED BY ANY PARTY, NOR IS THE ENGINEER OF RECORD RESPONSIBLE FOR JOB SITE SAFETY OR CONSTRUCTION SUPERVISION, CONTRACTOR SHALL PERFORM ALL ITS ACTIVITIES IN A SYSTEMATIC AND SAFE MANNER IN ACCORDANCE WITH OSHA REQUIREMENTS, AND ANY CODES, RULES, REGULATIONS, AND OR LAWS OF THE APPLICABLE GOVERNING JURISDICTIONS TO ENSURE THE PROTECTION AND SAFETY OF THE PUBLIC AND THE IOB SITE.

DO NOT SCALE PLANS, COPYING, PRINTING, SOFTWARE AND OTHER PROCESSES REQUIRED TO PREPARE THE DESIGN PLANS CAN STRETCH OR SHRINK THE ACTUAL PAPER THEREFORE AFFECTING THE LAYOUT, THEREFORE, SCALING OF THE DESIGN PLANS HAY RESULT IN INACCURACIES, CONTACT THE ENGINEER OF RECORD WITH ANY NEED FOR ADDITIONAL DIMENSIONS OR CLARIFICATIONS.

THE ENGINEER OF RECORD SHALL NOT SUPERVISE, DIRECT OR HAVE CONTROL OVER THE CONTRACTOR'S WORK NOR HAVE ANY RESPONSIBILITY FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES SELECTED NEITHER BY THE CONTRACTOR NOR FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR PROGRAMS IN CONNECTION WITH THE WORK, THESE RIGHTS AND RESPONSIBILITIES ARE SOLELY THOSE OF THE CONTRACTOR IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

THE BIGINEER OF RECORD SHALL NOT BE RESPONSIBLE FOR ANY ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, AND ANY ENTITY PERFORMING ANY PORTIONS OF THE WORK, OR ANY AGENTS OR EMPLOYEES OF ANY OF THEM. THE BIGINEER OF RECORD DOES NOT GUARANTEE THE PERFORMANCE OF THE CONTRACTOR AND SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO PERFORM ITS WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR ANY APPLICABLE LAWS, CODIES, RULIES OR REGULATIONS.

PRIOR TO STARTING ANY CONSTRUCTION RELATED ACTIVITIES, THE CONTRACTOR SHALL ENSURE THAT ANY AND ALL PERMITS AND APPROVALS HAVE BEEN OBTAINED, AND/OR WILL OBTAIN THOSE THAT ARE TO BE OBTAINED DURING CONSTRUCTION, BY AND OR FROM THE APPROPRIATE GOVERNING JURISDICTIONS LEGAL REQUIREMENTS, CONTRACTOR WILL ALSO RENEW ANY SUCH PERMITS. THE CONTRACTOR ASSUMES ALL RISK ASSOCIATED WITH THE COMMENCEMENT OF CONSTRUCTION WITHOUT SATISFYING ALL OF THE LEGAL REQUIREMENTS.

CONTRACTOR SHALL BE LIABLE FOR ANY COSTS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF THE VIOLATION OF ANY SUCH LEGAL REQUIREMENTS BY THE CONTRACTOR, ANY SUBCONTRACTORS OR ANYONE FOR WHOM THE CONTRACTOR IS RESPONSIBLE. THE CONTRACTOR SHALL INDEMNIFY, DEFEND AND SAVE HARMLESS THE OWNER AND BOHLER ENGINEERING, PC FROM AND AGAINST ANY SUCH COSTS, DAMAGES, LOSSES AND EXPENSES, INCLUDING REASONABLE ATTORNEY FEES AND DISBURSEMENTS, ATTRIBUTABLE TO ANY SUCH VIOLATION OR NONCOMPLIANCIE BY CONTRACTOR OR ANY SUBCONTRACTOR, AS WELL AS ANY DELAY IN THE COMPLETION OF THE WORK, NO CONSTRUCTION RELATED ACTIVITIES SHOULD COMMENCE UNTIL THE CONTRACTOR HAS THOROUGHLY REVIEWED THE ENTIRE CONTRACT DOCUMENTS AND THOROUGHLY REVIEWED THE APPROVALS AND PERMITS OBTAINED FROM THE APPROPRIATE GOVERNING JURISDICTIONS, CONTRACTOR SHALL MAINTAIN ALL SUCH PERMITS AND APPROVALS AT THE IOB SITE AT ALL TIMES AND MAKE SAME AVAILABLE UPON REQUEST.

PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, CONTRACTOR MUST INSPECT THE SITE, SATISFY ITSELF AS TO THE CONDITION OF THE SITE INCLUDING, BUT NOT LIMITED TO, ALL STRUCTURAL, SURFACE AND SUBSURIACE CONDITIONS, FAMILIARIZE ITSELF WITH THE SITE AND THE LOCAL CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED, AND CORRELATE ITS OBSERVATIONS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. CONTRACTOR IS AWARE THAT THE CONTRACT DOCUMENTS FOR THIS PROJECT INCLUDE VARIOUS RESOURCES, WHICH MAY BE IN A FORMAT OTHER THAN DRAWING DOCUMENTS. SUCH RESOURCES MAY INCLUDE, BUT ARE NOT UNITED TO, SOIL MECHANICS STUDIES; ENVIRONMENTALLY RELATED INVESTIGATIONS, STUDIES, MAPPING, RECOMMENDATIONS, LAND SURVEYS. TITLE REPORTS: ARCHITECTURAL DOCUMENTS INCLUDING STRUCTURAL HECHANICAL, ELECTRICAL AND PLUMBING; TESTING REPORTS: ET AL CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL SUCH ITEMS PRIOR TO COMMENCEMENT OF CONSTRUCTION RELATED ACTIVITIES. ANY REQUIRED CLARIFICATION BY THE CONTRACTOR SHALL BE IN WRITING TO THE OWNER AND BOHLER ENGINEERING, PC PRIOR TO COMMENCING CONSTRUCTION RELATED ACTIVITIES.

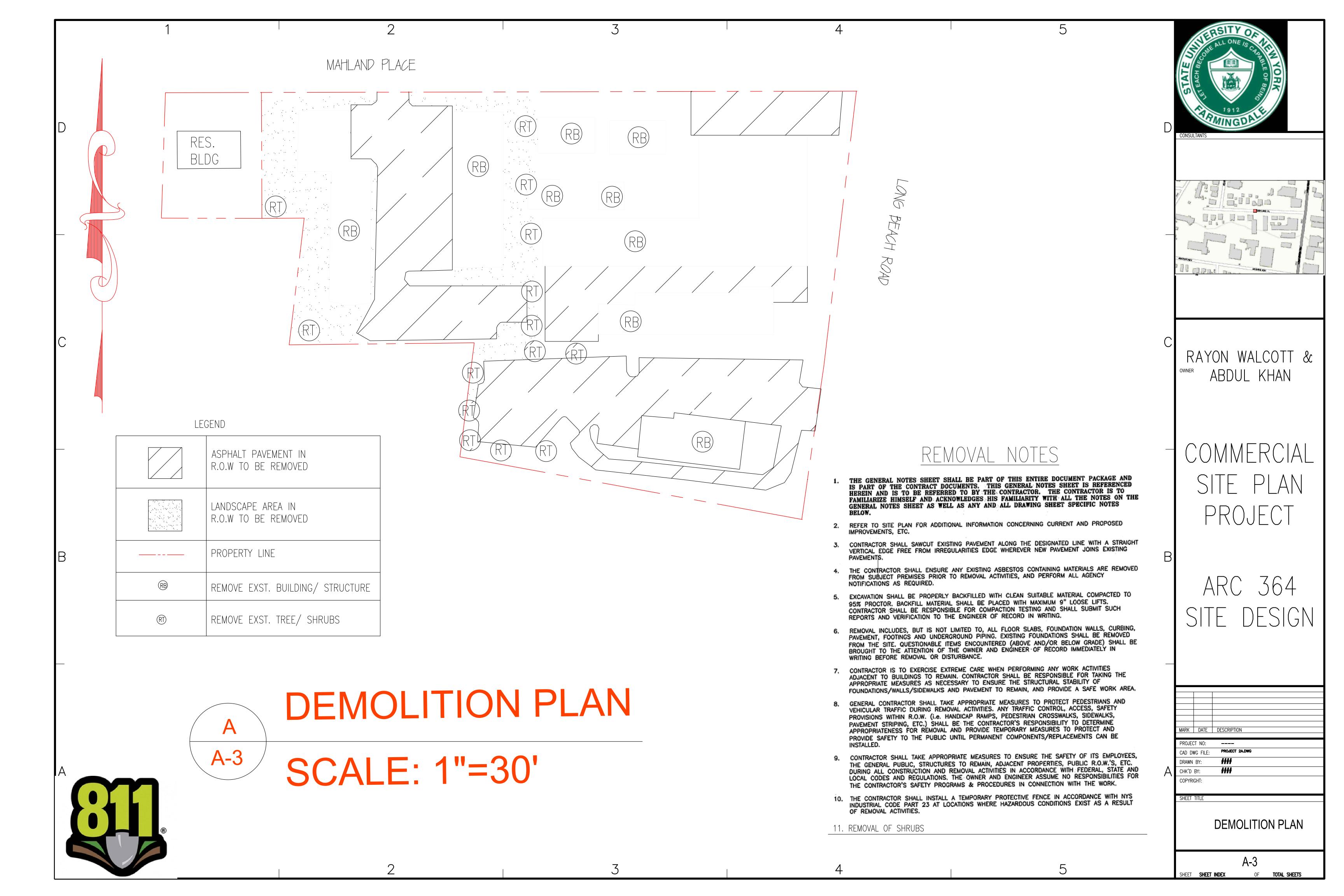
WHEN WORK IS INDICATED ON THE DRAWINGS BUT IS NOT CALLED FOR IN THE OTHER CONTRACT DOCUMENTS OR IS CALLED FOR IN THE POOTHER CONTRACT DOCUMENT BUT IS NOT INDICATED ON THE DRAWINGS, AND THE NATURE OF THE QOOEJ IS SUCH THAT IT SHOULD BE PERFORMED IN THE LOCALE OF THE PROJECT WOULD REQUIRE SUCH WORK TO BE PERFORMED BY THIS CONTRACTOR, THEN SUCH WORK SHALL BE DEEMED A PART OF THE WORK COVERED BY THIS CONTRACT AND SHALL BE PERFORMED BY THIS CONTRACTOR WITHOUT ADDITIONAL COMPENSATION.

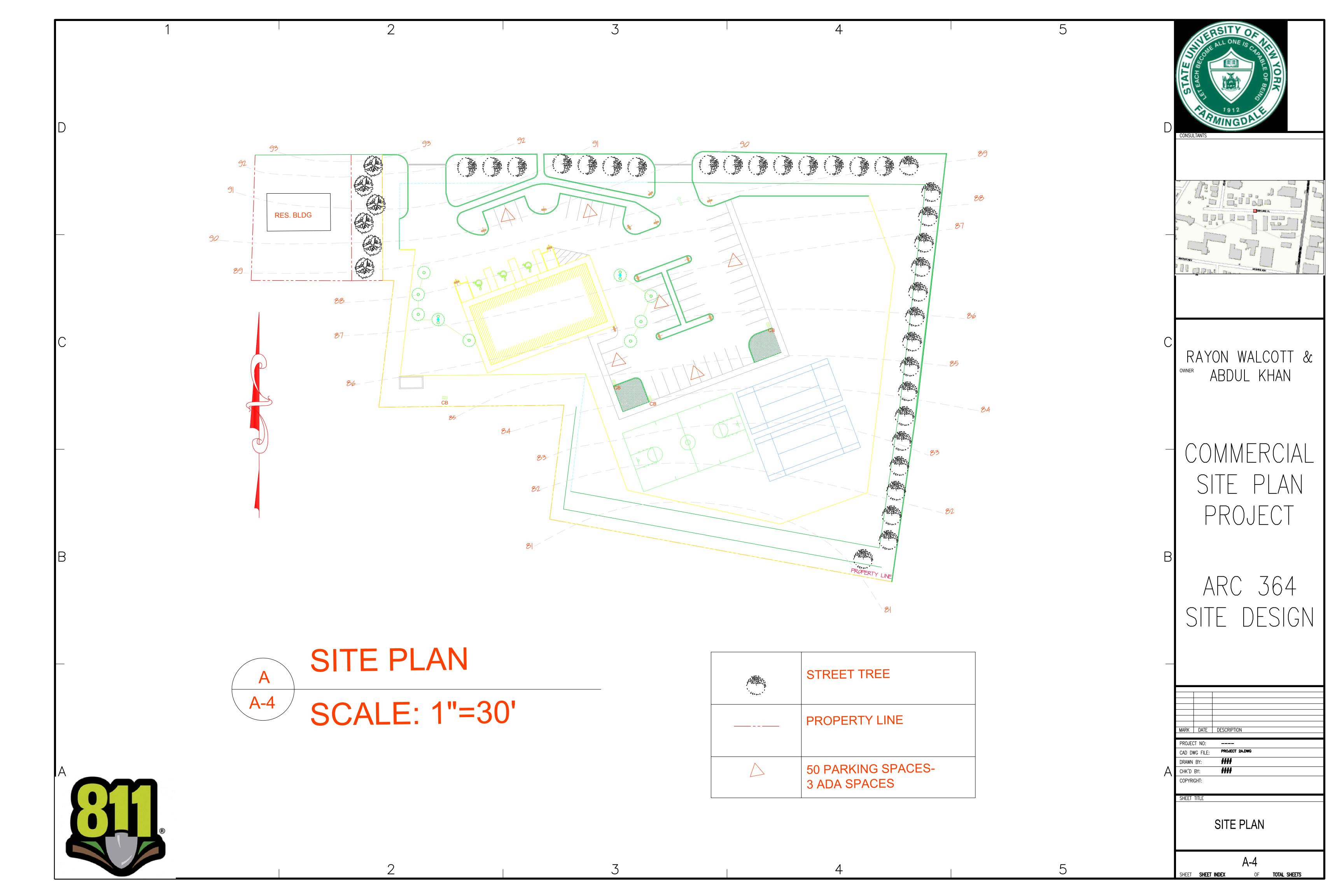
ALL CONTRACTORS RELATED ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AS WELL AS IN ACCORDANCE WITH ALL THE REQUIREMENTS OF THE APPROPRIATE GOVERNING JURISDICTIONS. THE CONTRACTOR SHALL PROMPTLY REPORT TO THE OWNER, AND PC ANY ERROR, OMISSION. INCONSISTENCY, CONFLICT AMBIGUITY OF SIMILAR DEFECT THAT MAY BE APPARENT FROM CONTRACTORS REVIEW OF THE CONSTRUCTION DOCUMENTS. THE CONTRACT DOCUMENTS, AND/OR EXISTING CONDITIONS AT THE PROJECT SITE. CONTRACTOR SHALL IMMEDIATELY UPON DISCOVERING BRING SUCH ERROR. OMISSION. INCONSISTENCY, CONFLICT, AMBIGUITY OR SIMILAR DEFECT TO THE ATTENDING OF THE OWNER AND, PC RESOLUTION. IT IS EXPRESSLY UNDERSTOOD AND AGREED THAT OWNER. IN CONSULTATION WITH, PC AND THE ARCHITECT SHALL BE INTERPRETER OF THE CONTRACT DOCUMENTS AND SHALL RESOLVE ANY SUCH CONFLICTS AND AMBIGUITIES. IN THE EVENT THERE IS ANY SUCH ERROR, OMISSION, INCONSISTENCY, CONFLICT, AMBIGUITY OR SIMILAR DEFECT. THEN THE MORE STRINGENT PROVISION SHALL APPLY. IN ADDITION IN THE EVENT THERE IS ANY SUCH ERROR, OMISSION, INCONSISTENCY, CONFLICT, AMBIGUITY OR SIMILAR DEFECT, WHICH RÉSOLUTION A CHOICE BETWÉEN DIFFERÉNT MEANS AND METHODS TO PERFORM THE WORK AFTER THE RESOLUTION OF THE CONFLICT OR AMBIGUITY, CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM THE WORK WITHOUT ADDITIONAL COMPENSATION FOR USING THE COSTLIER MEANS AND METHODS IF CONTRACTOR PERFORMS ANY SUCH WORK BEFORE THE OWNER, AND PC HAD HAD A REASONABLE TIME TO RESPOND, THE CONTRACTOR SHALL SOLELY BEAR THE RISK OF PERFORMING SUCH WORK CONTRARY TO THE R4ESOLUTOIN THEREOF BY OWNER

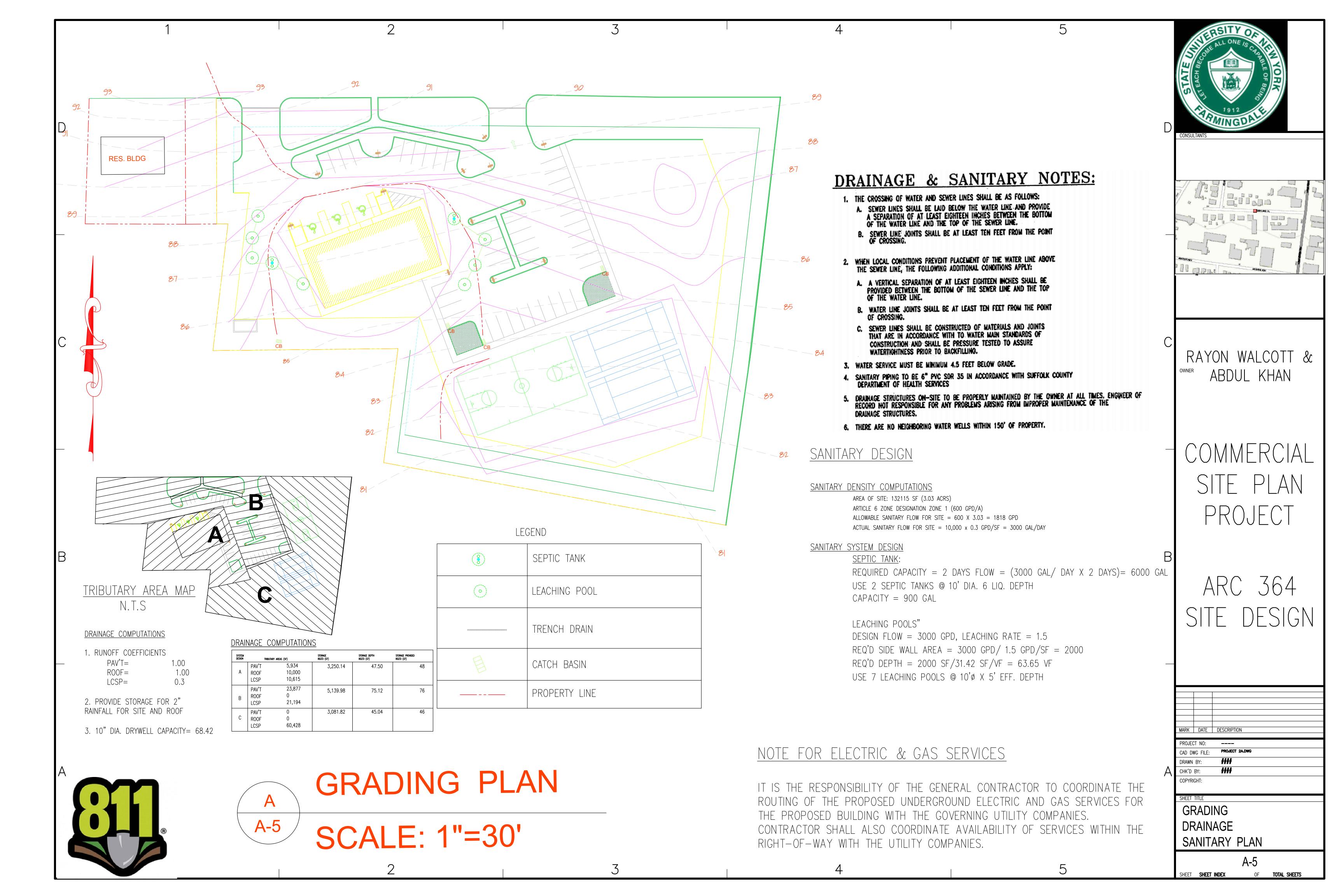
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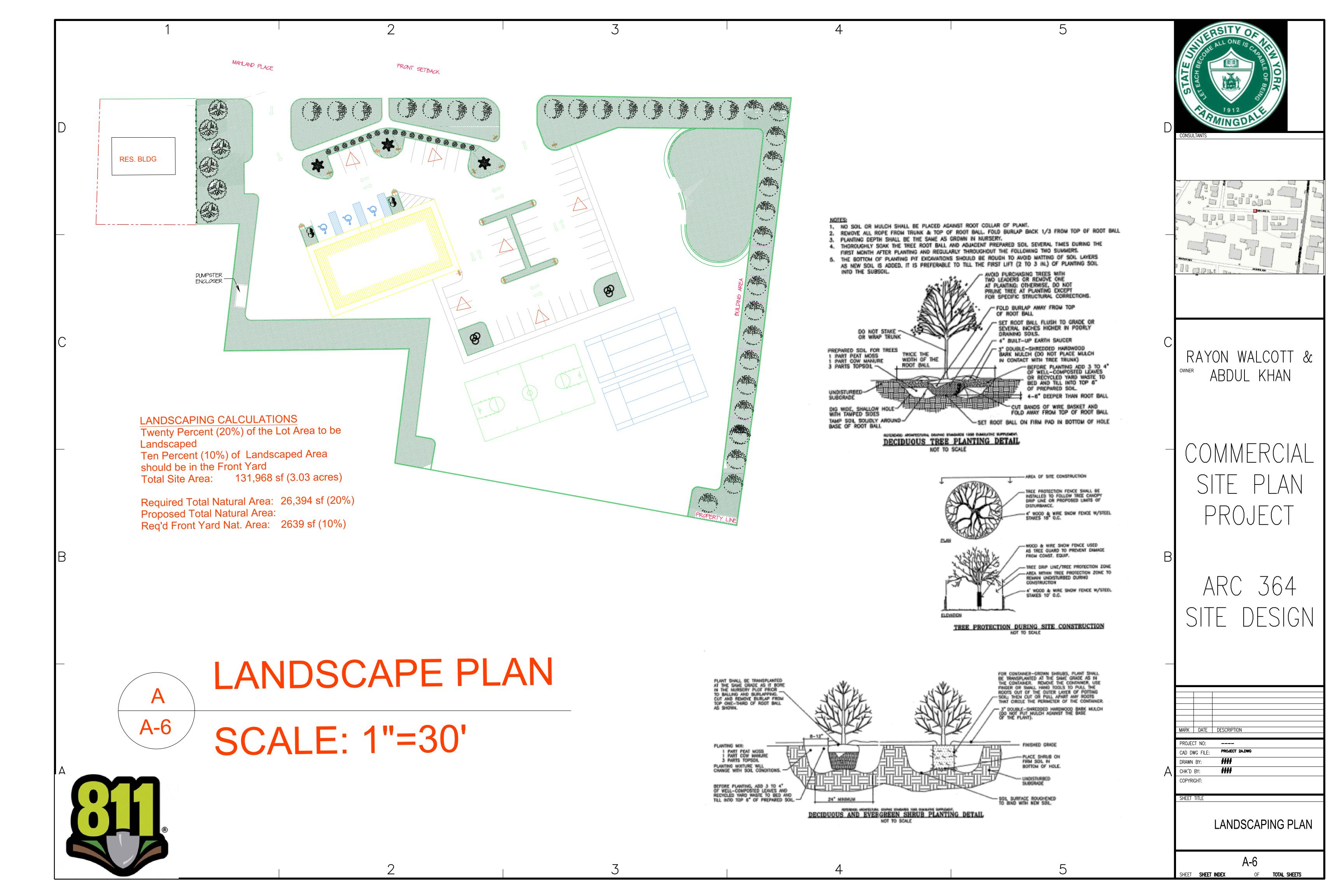
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THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLANTING AT CORRECT GRADES AND ALIGNMENT. LAYOUT TO BE APPROVED BY OWNERS REPRESENTATIVE PRIOR TO INSTALLATION.

3. PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY; HAVE NORMAL GROWTH HABITS; WELL DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE FROM DEFECTS

CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF PLANT MATERIAL

5. ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN VICOROUS GROWING CONDITION. PROVISION SHALL BE MADE FOR A GROWTH GUARANTEE OF AT LEAST ONE YEAR FROM THE DATE OF ACCEPTANCE FOR TREES AND SHRUBS. REPLACEMENTS SHALL BE MADE AT THE BEGINNING OF THE FIRST SUCCEEDING PLANTING SEASON. ALL REPLACEMENTS SHALL HAVE A GUARANTEE EQUAL TO THAT STATED ABOVE

INSOFAR AS IT IS PRACTICABLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL PROTECT STOCK NOT PLANTED. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY. ANY PLANTS NOT INSTALLED DURING THIS PERIOD WILL BE REJECTED.

7. QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS, AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH ANSI 260.1 (REV. 2001) "AMERICAN STANDARD FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.

B. ALL PLANTS SHALL BE PLANTED IN AMENDED TOPSOIL THAT IS THOROUGHLY WATERED AND TAMPED AS BACK FILLING PROGRESSES. PLANTING MIX TO BE AS SHOWN ON PLANTING DETAILS. LARGE PLANTING AREAS TO INCORPORATE FERTILIZER AND SOIL CONDITIONERS AS STATED IN PLANTING SPECIFICATIONS.

9. PLANTS SHALL NOT BE BOUND WITH WRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES. PLANTS SHALL BE HANDLED FROM THE BOTTON OF THE BALL ONLY

10. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE. PLANTS SHALL NOT BE INSTALLED IN TOPSOL THAT IS IN A MUDDY OR FROZEN CONDITION. ALL PLANT MATERIAL SHALL BE SPRAYED WITH 'WILT-PRUF' OR EQUAL AS PER MANUFACTURER'S INSTRUCTIONS.

11. NO PLANT, EXCEPT GROUND COVERS, SHALL BE PLANTED LESS THAN TWO FEET FROM EXISTING STRUCTURES AND SIDEWALKS.

12. SET ALL PLANTS PLUMB AND STRAIGHT. SET AT SUCH LEVEL THAT, A NORMAL OR NATURAL RELATIONSHIP TO THE CROWN OF THE PLANT WITH THE GROUND SURFACE WILL BE ESTABLISHED. LOCATE PLANT IN THE

13. ALL INJURED ROOTS SHALL BE PRUNED TO MAKE CLEAN ENDS BEFORE PLANTING UTILIZING CLEAN. SHARP TOOLS, IT IS ADVISABLE TO PRUNE APPROXIMATELY 1/3 OF THE GROWTH OF LARGE TREES (2" CALIPER AND OVER) BY THE REMOVAL OF SUPERFLUOUS BRANCHES, THOSE WHICH CROSS, THOSE WHICH RUN PARALLEL, ETC. MAIN LEADER OF TREES WILL NOT BE OUT BACK, LONG SIDE BRANCHES, HOWEVER, MUST BE SHORTENED.

14. EACH TREE AND SHRUB SHALL BE PRUNED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICE TO PRESERVE NATURAL CHARACTER OF PLANT. PRUNING SHALL BE DONE WITH CLEAN, SHARP TOOLS.

15. ALL EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES AS A RESULT OF CONSTRUCTION OPERATIONS. ALL EXISTING TREES SHALL BE FERTILIZED WITH A REGULAR GARDEN FERTILIZER (5-10-5) UPON COMPLETION OF WORK. THE ENTIRE LIMB OF ANY DAMAGED BRANCH SHALL BE OUT OFF AT THE TRUNK, CONTRACTOR TO ENSURE THAT OUTS ARE SMOOTH AND STRAIGHT, ANY EXPOSED ROOTS SHALL BE OUT BACK WITH SHARP TOOLS AND FILLED AROUND WITH TOPSOIL COMPLETELY SATURATE THESE AREAS WITH WATER. ROOTS SHALL NOT BE LEFT EXPOSED FOR MORE THAN ONE (1) DAY, CONTRACTOR IS TO PROTECT ALL EXISTING TREES TO REMAIN BY ERECTING TREE PROTECTION FENCE AT THE DRIP LINE. THIS WILL ENSURE NO COMPACTION OF THE ROOT MASS.

16. ALL PLANTING BEDS SHALL BE MULCHED WITH 3" LAYER OF DOUBLE SHREDDED HARDWOOD BARK MULCH.

17. NEW PLANTING AREAS AND SOO SHALL BE ADEQUATELY IRRIGATED OR WATERED TO ESTABLISH THE PROPOSED PLANTS AND LAWN.

18. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE AS SHOWN ON THE APPROVED LANDSCAPE PLAN MUST BE INSTALLED, INSPECTED AND APPROVED BY THE MUNICIPAL LANDSCAPE ARCHITECT. THE MUNICIPAL ENGINEER AND LANDSCAPE ARCHITECT SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS. THE PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER AS REQUIRED BY OR ASSOCIATED WITH A SUBDIMISIÓN OR SITE PLAN APPROVAL BY THE PLANNING BOARD OR ZONING BOARD OF ADJUSTMENT SHALL BE INSTALLED DURING THE FOLLOWING PLANTING SEASONS:

TYPE

PLANTS

3/15 10 12/15

LAWN

3/15 TO 6/15 9/15 TO-12/1

FURTHERMORE, THE FOLLOWING TREE VIARIETIES SHALL NOT BE PLANTED DURING THE FALL PLANTING SEASON DUE TO THE HAZAROS ASSOCIATED WITH PLANTING THESE TREES IN THIS SEASON.

ACER RUBRUM BETULA VARIETIES CARPINUS VARIETIES CRATEGUS WARIETIES KOELREUTERIA LIQUID AMBER STYRACIFLUA LIRODENDRON TULIPIFERA

PLATANUS ACERFOLIA

POPULUS VARIETES PRUNUS WARIETIES PYRUS VARIETIES QUERCUS VARIETIES SALIX WEEPING VARIETIES TILIA TOMENTOSA ZELKOVA WARIETIES

ANY PLANTINGS INSTALLED IN CONFLICT WITH THIS REQUIREMENT MUST RECEIVE THE WRITTEN APPROVAL BY THE MUNICIPAL ENGINEER OR LANDSCAPE ARCHITECT, PRIOR TO PLANTING. FAILURE TO COMPLY WITH THESE REQUIREMENTS WILL REQUIRE THE REMOVAL OF THE PLANTING IN QUESTION. THIS REQUIREMENT DOES NOT APPLY TO SEEDING OR SODDING OR PLANTINGS SPECIFICALLY FOR SOIL STABILIZATION PURPOSES. THE PLANTING ASSOCIATED WITH ANY LOT CIVEN A CERTIFICATE OF OCCUPANCY OUTSIDE THESE PERIODS SHALL BE PROVIDED DURING THE PREVIOUS OR NEXT APPROPRIATE SEASON.

19. ALL DISTURBED AREAS TO BE TREATED WITH 4" TOPSOIL & SOCOED IN ACCORDANCE WITH PERMANENT STABILIZATION METHODS INDICATED WITHIN THE SOD SPECIFICATION ON THIS SHEET. PLANTING SPECIFICATIONS:

SCOPE OF WORK

A. THIS WORK SHALL CONSIST OF PERFORMING, CLEARING AND SOIL PREPARATION, FINISH GRADING, PLANTING AND DRAINAGE, INCLUDING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF

MATERIALS

GENERAL - ALL MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF TRANSPORTATION (D.O.T.) MANUAL OF ROADWAY AND BRIDGE CONSTRUCTION (LATEST EDITION) OR APPROVED EQUAL.

PLANTS - ALL PLANTS SHALL BE HEALTHY OR NORMAL GROWTH, WELL ROOTED, FREE FROM DISEASE AND INSECTS.

TOPSOIL - LOAMY SILT, HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, pH RANGE BETWEEN 4.5 - 7. BE FREE OF DEBRIS, ROCKS LARGER THAN TWO INCHES (2'), WOOD, ROOTS, VEGETABLE MATTER AND CLAY CLODS.

MULCH - DOUBLE SHREDDED HARDWOOD BARK MULCH.

FERTILIZER AND SOIL CONDITIONER - PLANTED AREAS

A. ORGANIC FERTILIZER - SHALL BE PROCESSED SEWER SLUDGE MITH MINIMAL CONTENT OF 1% NITROGEN AND 2% PHOSPHORIC ACID, EQUAL TO 'NITROHUMIS'.

ORGANIC FERTILIZER AND SOIL CONDITIONER - SHALL BE 'GRO-POWER' AND ORGANIC BASE MATERIALS COMPRISED OF DECOMPOSED ANIMAL AND VECETABLE MATTER AND COMPOSTED TO SUPPORT BACTERIAL CULTURES, CONTAINING NO POULTRY OR HUMAN WASTE. CLIARANTEED ANALYSIS (5-3-1): HITROGEN STL. PHOSPHATE 3%, POTASH 1%. 50% HUMUS AND 15% HUMIC ACIDS.

4. GENERAL WORK PROCEDURES

A. LANDSCAPE WORK SHALL COMMENCE AS SOON AS THOSE PORTIONS OF THE SITE ARE AVAILABLE, CONTRACTOR TO UTILIZE WORKMANLIKE STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN STATE AT THE END OF EACH DAY'S WORK. ALL DEBRIS, MATERIALS, AND TOOLS SHALL BE PROPERLY STOCKPILED OR DISPOSED OF, ALL PAVED SURFACES SHALL BE SWEPT CLEAN AT THE END OF EACH DAYS WORK.

BEFORE AND DURING PRELIMINARY GRADING AND FINISH GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE.

TOPSOLING

CONTRACTOR TO PROVIDE A FOUR INCH (4") MINIMUM THICK TOPSOIL LAYER IN ALL PLANTING AREAS, TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO PRODUCE A FOUR INCH (4") COMPACTED THICKNESS. TOPSOIL PRESENT AT THE SITE, IF ANY, MAY BE USED TO SUPPLEMENT TOTAL AMOUNT REQUIRED. CONTRACTOR TO FURNISH AN ANALYSIS OF ON-SITE TOPSOIL UTILIZED IN ALL PLANTING AREAS. ADJUST pH AND NUTRIENT LEVELS AS REQUIRED TO ENSURE AN ACCEPTABLE GROWING MEDIUM.

SOIL CONDITIONING

CULTIVATE ALL AREAS TO BE PLANTED TO A DEPTH OF 6". ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE. SPREAD EVENLY IN ALL PLANTING AREAS AND TILL (2 DIRECTIONS) INTO TOP 4" WITH THE FOLLOWING PER 1,000 SQ. FT .:

> 20 POUNDS 'GRO-POWER' 100 POUNDS ACRICULTURAL CYPSUM

20 POUNDS NITROFORM (COURSE) 38-0-0 BLUE CHIP

SOIL MODIFICATIONS:

THOROUGHLY TILL ORGANIC MATTER INTO THE TOP 6 TO 12 IN. OF MOST PLANTING SOILS TO IMPROVE THE SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS. USE COMPOSTED BARK, RECYCLED YARD WASTE OR PEAT MOSS. ALL PRODUCTS SHOULD BE COMPOSTED TO A DARK COLOR AND BE FREE OF PIECES WITH IDENTIFIABLE LEAF OR WOOD STRUCTURE. AVOID NATERIAL WITH A \$H HIGHER THAN 7.5.

MODIFY HEXY' CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED PINE BARK (UP TO 30% BY VOLUME) AND/OR GYPSUM, COARSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE THAN BOX OF THE TOTAL MIX. MPROVE DRANAGE IN HEAVY SOILS BY PLANTING ON RAISED MOUNDS OR BEDS AND INCLUDING SUBSURFACE DRAINAGE LINES.

MODIFY EXTREMELY SANDY SOILS (MORE THAN 85% SAND) BY ADDING ORDANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM UP TO 30% OF THE TOTAL MIX.

8.1 PLANTING

POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.

A. PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS, WITH THE WIDTH TWICE THE DIAMETER OF ROOT BALL. THE ROOT BALL SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACK FILLED WITH THE FOLLOWING PREPARED SOIL MIXED THOROUGHLY:

1 PART PEAT MOSS

1 PART COW MANURE BY VOLUME

3 PARTS TOPSOIL BY VOLUME 21 GRAM 'AGRIFORM' PLANTING TABLETS AS FOLLOWS:

2 TABLETS PER 1 GAL PLANT

3 TABLETS PER 5 GAL PLANT 4 TABLETS PER 15 GAL, PLANT LARCER PLANTS (2) TWO TABLETS PER 1/2" DIAM. OF TRUNK CALIPER

PREPARED SOIL SHALL BE TAMPED FIRMLY AT BOTTOM OF PIT. FILL PREPARED SOIL AROUND BALL OF PLANT 1/2 WAY, AND INSERT PLANT TABLETS. COMPLETE BACK FILL AND WATER THOROUGHLY,

ALL PLANTS SHALL BE SET SO THAT, THEY BEAR THE SAME RELATION TO THE REQUIRED GRADE AS THEY BORE TO THE NATURAL GRADE BEFORE BEING TRANSPLANTED.

D. PREPARE RAISED EARTH BASIN AS WIDE AS PLANTING HOLE OF EACH TREE.

WATER IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACK FILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED.

F. PRUNE ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS TO A MIN, OF 7" BRANCHING HEIGHT.

A. ALL GROUND COVER AREAS SHALL RECEIVE A 1/4" LAYER OF HUMUS RAKED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING GROUND COVER.

B. SPACING AND WARETY OF GROUND COVER SHALL BE AS SHOWN ON DRAWINGS.

C. IMMEDIATELY AFTER PLANTING GROUND COVER, CONTRACTOR SHALL THOROUGHLY WATER GROUND COVER.

D. ALL GROUND COVER AREAS SHALL BE TREATED WITH A PRE-EMERCENT BEFORE FINAL LANDSCAPE INSPECTION. GROUND COVER AREAS SHALL BE WEEDED PRIOR TO APPLYING PRE-EMERGENT. PRE-EMERGENT TO BE APPLIED AS PER MANUFACTURER'S RECOMMENDATION.

10. FINISH GRADING

A. ALL AREAS WILL BE RECEIVED BY THE CONTRACTOR AT SUBSTANTIALLY PLUS/MINUS .1 FOOT OF FINISH GRADE.

B. ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN AND UNIFORM PLANE WITH NO ABRUPT CHANCE OF SURFACE, UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT. SOIL AREAS ADJACENT TO THE BUILDINGS SHALL SLOPE AWAY.

C. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER.

CLURANTEE

CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR FROM ACCEPTANCE OF JOB. OWNER TO SECURE A MAINTENANCE BOND FROM THE CONTRACTOR FOR TEN PERCENT (10%) OF THE VALUE OF THE LANDSCAPE INSTALLATION WHICH WILL BE RELEASED AT THE COMMENCEMENT OF THE GUARANTEE PERIOD AND PASSES A FINAL INSPECTION BY THE OWNER OR OWNERS REPRESENTATIVE.

12. CLEANUP

A. UPON THE COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE BROOM CLEANED AND THE SITE LEFT IN A NEXT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

MAINTAIN TREES, SHRUBS AND OTHER PLANTS BY PRUNING, CULTIVATING AND WEEDING AS REQUIRED FOR HEALTHY GROWTH. RESTORE PLANTING SAUCERS. TIGHTEN AND REPAIR STAKE AND GUY SUPPORTS AND RESET TREES AND SHRUBS TO PROPER CRADES OR VERTICAL POSITION AS REQUIRED. RESTORE OR REPLACE DAMAGED WRAPPINGS. SPRAY WITH HERBICIDE AS REQUIRED TO KEEP TREES AND SHRUBS FREE OF INSECTS AND DISEASE.

MAINTAIN LAWNS BY MATERING, FERTILIZING, WEEDING, MOWING, TRIMMING. AND OTHER OPERATIONS SUCH AS ROLLING, REGRADING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.

 MAINTENANCE (ALTERNATE BID) COST PER MONTH AFTER INITIAL 90-DAY MAINTENANCE PERIOD. ERSITY OA

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RAYON WALCOTT & ABDUL KHAN

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LANDSCAPING NOTES

A-7

SHEET **SHEET INDEX**

OF **TOTAL SHEETS**

