

- NOTES:**
1. THE BOUNDARY AND TOPOGRAPHIC DATA SHOWN WAS PROVIDED BY CANNON AND CANNON, INC.
 2. UNLESS NOTED OTHERWISE, DIMENSIONS ARE TAKEN FROM OUTSIDE FACE OF BUILDING AND/OR FACE OF CURB.
 3. THE MINERAL AGGREGATE BASE AND ASPHALTIC SURFACE COURSES SHALL MEET THE MATERIALS, EQUIPMENT, CONSTRUCTION, AND TESTING REQUIREMENTS OF THESE DRAWINGS, AND THE CITY OF KNOXVILLE STANDARD SPECIFICATIONS.
 4. PROPERTY CONCERNED REFLECTS PARCEL 177.15 AS SHOWN ON KNOX COUNTY CLT TAX MAP NO. 118. ZONING FOR THE PROPERTY IS "OFFICE PARK."
 5. TOTAL AREA IS 15.70± ACRES. THE TOTAL DISTURBED AREA IS APPROXIMATELY 3.74± ACRES.
 6. CITY BLOCK NUMBER IS 46366. WARD IS 47.
 7. TRAFFIC CONTROL DEVICES AND PAVEMENT MARKING SHALL CONFORM TO THE FEDERAL HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
 8. ALL SETBACKS SHALL BE IN ACCORDANCE WITH THE CITY OF KNOXVILLE AND TTCDZ ZONING ORDINANCES.
 9. OWNER: PELLISSIPPI DUTCOTOWN GENERAL PARTNERSHIP
1225 E. WEISGARBER RD SUITE 390
KNOXVILLE, TN 37932
DEVELOPER: CPW, LLC
 10. PERMITTER SLOPES SHALL BE LANDSCAPED AND, PER TTCDZ REQUIREMENTS, ARE NOT TO EXCEED 2:1 (H:V).
 11. PROPOSED LANDSCAPE WILL COMPLY WITH THE CITY OF KNOXVILLE TREE PROTECTION ORDINANCE AND TTCDZ REQUIREMENTS.
 12. REFER TO SHEET C0.02 FOR HORIZONTAL CONTROL INFORMATION.

TTCDZ DEVELOPMENT INTENSITY GUIDELINES

GROUND AREA COVERAGE (GAC): NOT TO EXCEED 25%
GAC = GROSS BUILDING AREA / GROSS LOT AREA
26,486 SF / 683,892 SF (15.70 AC) = 0.039 OR 3.90% (EXISTING)
26,486 SF / 190,932 SF (4.38 AC) = 0.139 OR 13.9% (PROPOSED)

FLOOR AREA RATIO (FAR): NOT TO EXCEED 30%
FAR = GROSS FLOOR AREA / GROSS LOT AREA
58,972 SF / 683,892 SF (15.70 AC) = 0.086 OR 8.60% (EXISTING)
58,972 SF / 190,932 SF (4.38 AC) = 0.30 OR 30% (PROPOSED)

IMPERVIOUS AREA RATIO (IAR): NOT TO EXCEED 70%
IAR = GROSS IMPERVIOUS AREA / GROSS LOT AREA
2.61 AC / 15.70 AC = 0.166 OR 16.6% (EXISTING)
2.61 AC / 4.38 AC = 0.60 OR 60% (PROPOSED)

PARKING SUMMARY

1. PARKING REQUIREMENTS		
A. PROPOSED FLOOR AREA	172	58,972 S.F.
B. CITY OF KNOX. REQUIRED SPACES (3 SPACES/1,000 S.F. MIN.)	5	(8 SPACES/1,000 S.F. MAX.)
i) STANDARD SPACES	172	= 172-467
ii) ACCESSIBLE SPACES (4 STD, 1 VAN)	5	= 177-472
iii) TOTAL REQUIRED SPACES	177	= 177-472
C. TTCDZ MINIMUM REQUIRED SPACES (3 PER 1,000 S.F.)	172	
i) STANDARD SPACES	172	= 172
ii) ACCESSIBLE SPACES (4 STD, 1 VAN)	5	= 5
iii) TOTAL MIN REQ. SPACES (58,972/1,000)(3)	177	= 177
D. TTCDZ MAXIMUM REQUIRED SPACES (4.5 PER 1,000 S.F.)	261	
i) STANDARD SPACES	261	= 261
ii) ACCESSIBLE SPACES (4 STD, 1 VAN)	5	= 5
iii) TOTAL MAX REQ. SPACES (58,972/1,000)(4.5)	266	= 266
2. SUMMARY		
A. COK MIN.	172	5
B. COK MAX.	467	5
C. TTCDZ MIN.	172	5
D. TTCDZ MAX.	261	5
E. PROPOSED	235	5

BICYCLE PARKING REQUIREMENTS

REQUIRED:
NON-RESIDENTIAL 101-500 MOTOR VEHICLE PARKING SPACES = 12 BICYCLE PARKING SPACES

PROVIDED:
12 BICYCLE PARKING SPACES PER ARTICLE V, SECTION 7, I. 4.

LEGEND	
	PROPOSED HEAVY DUTY ASPHALT PAVEMENT
	CONCRETE SIDEWALK
	CONCRETE PAVEMENT
	PROPOSED LIGHT DUTY ASPHALT PAVEMENT
	PROPOSED LANDSCAPING
	EXIST. R.O.W.
	BUILDING SETBACK LINE
	EXIST. EASEMENT LINE
	NUMBER OF PARKING SPACES
	ACCESSIBLE PARKING
	ACCESSIBLE RAMP

TTCDZ FILE #7-A-22-TOB

REVISED PER TTCDZ COMMENTS	6/17/2022
REVISED PER TTCDZ COMMENTS	6/29/2022

REVISIONS	DATE
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CONSULTING ENGINEERS - FIELD SURVEYORS
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Knoxville, TN 37919

COMMERCIAL & INVESTMENT PROPERTIES CO.
1225 WEISGARBER ROAD
SUITE SOUTH 390
KNOXVILLE, TN 37909
TEL. NO. (865) 584-3967

PROJECT:
CENTURY PARK AT PELLISSIPPI
DUTCOTOWN ROAD
KNOXVILLE, TENNESSEE

OVERALL SITE LAYOUT

PRELIMINARY NOT FOR CONSTRUCTION	CCI PROJECT NO. 00344-0045.000	
	DRAWING DATE	MAY 25, 2022
	PM	AWG
	DRAWN	LED/SF
1		

**PROPOSED OFFICE
BUILDING (2-STORY)**
26,486 S.F. FOOTPRINT
58,972 S.F. TOTAL

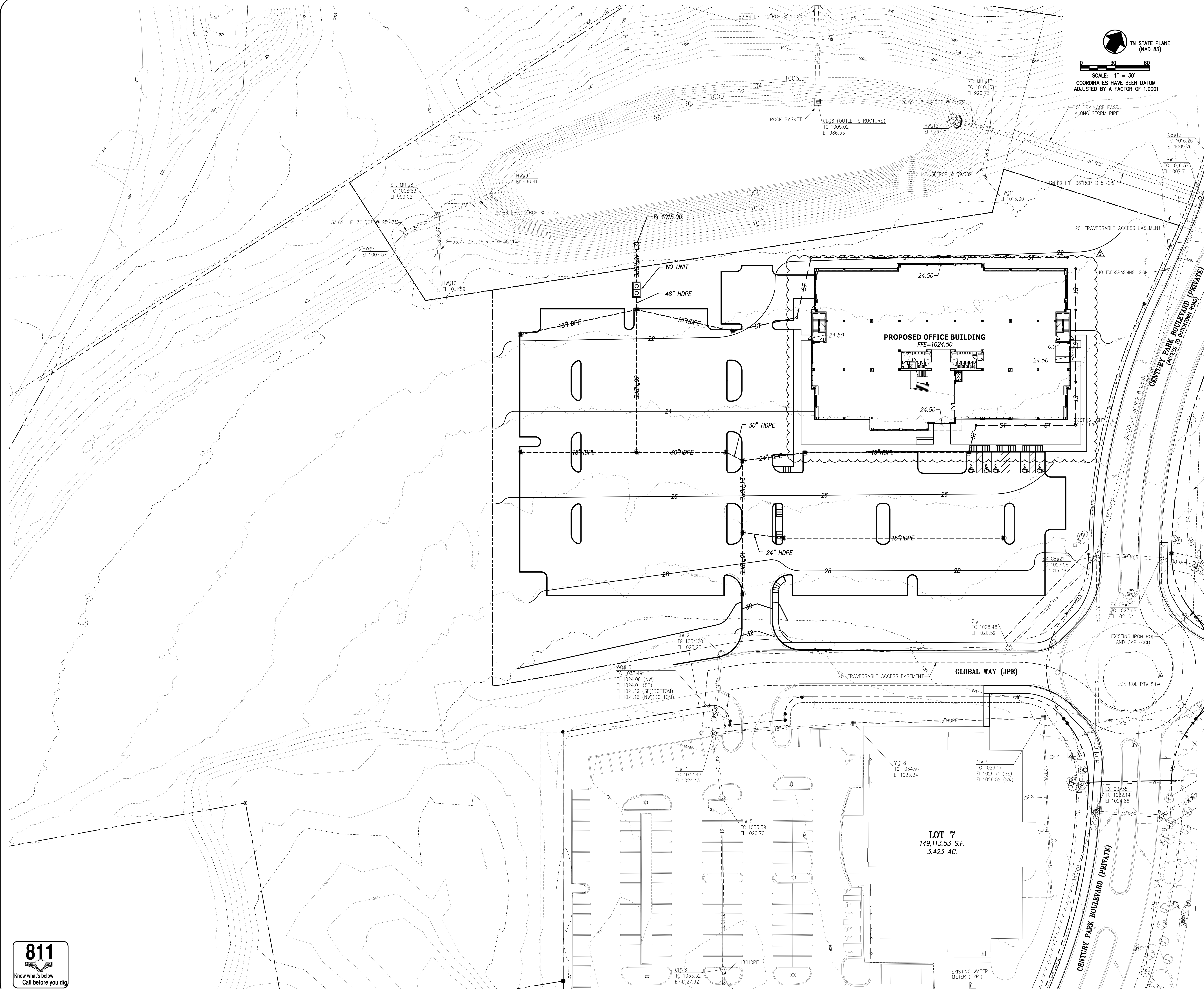
CENTURY PARK BOULEVARD (PRIVATE)
(ACCESS TO DUTCOTOWN ROAD)

GLOBAL WAY (JPE)

INVESTMENT DRI
(ACCESS TO CENTURY P.)

SA, MH.
TC 1029.52
EI 1020.06

TTCDA FILE #7-A-22-TOB	
REVISIONS	DATE
△ REVISED PER TTCDA COMMENTS	6/17/2022
△ REVISED PER TTCDA COMMENTS	6/29/2022
CANNON & CANNON INC CONSULTING ENGINEERS - FIELD SURVEYORS TEL 865.670.8555 8550 Kingston Pike WWW.CANNON-CANNON.COM Knoxville, TN 37919	
COMMERCIAL & INVESTMENT PROPERTIES CO. 1225 WEISGARBER ROAD SUITE SOUTH 390 KNOXVILLE, TN 37909 TEL. NO. (865) 584-3967	
PROJECT: CENTURY PARK AT PELLISSIPPI DUTCOTOWN ROAD KNOXVILLE, TENNESSEE	
TRUCK TURN PLAN	
PRELIMINARY NOT FOR CONSTRUCTION	CCI PROJECT NO. 00344-0045.000
	DRAWING DATE MAY 25, 2022
	PM AWG
	DRAWN LED/SF
2	



TN STATE PLANE
(NAD 83)

SCALE: 1" = 30'

COORDINATES HAVE BEEN DATUM
ADJUSTED BY A FACTOR OF 1.0001

- NOTES:**
1. THE BOUNDARY AND TOPOGRAPHIC DATA SHOWN WAS PROVIDED BY CANNON AND CANNON, INC.
 2. THE DISTURBED AREA IS APPROXIMATELY 15.70± ACRES.
 3. THE TOTAL SITE AREA IS APPROXIMATELY 3.74± ACRES.
 4. UNLESS NOTED OTHERWISE, THE PROPOSED GRADES SHOWN ON THESE DRAWINGS ARE FINISH GRADE. EXISTING AND PROPOSED CONTOURS ARE SHOWN AT 2 FT. INTERVALS.
 5. EROSION CONTROL DEVICES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK. THE DEVICES SHOWN ON THE DRAWINGS ARE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL DEVICES AS NEEDED.
 6. THE SITE SHALL BE CLEARED AND GRUBBED WITHIN THE LIMITS OF EXCAVATION. COMPLETELY DISPOSE OF ALL MATERIALS RESULTING FROM CLEARING AND GRUBBING OFF-SITE OR ON-SITE AT A LOCATION DETERMINED BY THE OWNER.
 7. ALL TREE STUMPS, BOULDERS, AND OTHER OBSTRUCTIONS SHALL BE REMOVED TO A DEPTH OF 2 FT BELOW THE SUBGRADE. ROCK SHALL BE SCARIFIED TO A DEPTH OF 1 FT BELOW SUBGRADE.
 8. STOP TOPSOIL TO A MINIMUM DEPTH OF 8-IN. AND TEMPORARILY STOCKPILE EXCAVATED MATERIALS. INSTALL SILT FENCE OR OTHER APPROPRIATE EROSION CONTROL STRUCTURES ON THE DOWN HILL SIDE OF THE STOCKPILE.
 9. PROOF ROLL AREAS TO RECEIVE FILL.
 10. A 4 IN. (MIN) LAYER OF TOPSOIL SHALL BE PLACED OVER THE AREAS TO BE SEEDED AND TO THE FINISH GRADE ELEVATIONS AS SHOWN ON THE DRAWINGS.
 11. ALL NEWLY GRADED EARTHEN AREAS THAT ARE NOT TO BE PAVED, STABILIZED, OR SOODED SHALL BE SEEDED, FERTILIZED, AND MULCHED WITHIN 30 DAYS OF ATTAINMENT OF FINAL GRADE.
 12. TEMPORARY SEEDING MIXTURES SHALL BE AS FOLLOWS:

SEEDING DATES	GRASS SEED	PERCENTAGES
1/1 TO 5/1	ITALIAN RYE	33%
	KOREAN LESPEDEZA	33%
	SUDAN - SORGHUM	33%
5/1 TO 7/15	STAR MILLET	100%
7/15 TO 1/1	BALBOA RYE	67%
	ITALIAN RYE	33%
 13. PERMANENT SEEDING MIXTURES SHALL BE AS FOLLOWS:

SEEDING DATES	GRASS SEED	PERCENTAGES
2/1 TO 7/1	KENTUCKY 31 FESCUE	80%
	KOREAN LESPEDEZA	15%
	ENGLISH RYE	5%
6/1 TO 8/15	KENTUCKY 31 FESCUE	55%
	ENGLISH RYE	20%
	KOREAN LESPEDEZA	15%
	GERMAN MILLET	10%
4/15 TO 8/15	BERMUDAGRASS (HILLED)	70%
	ANNUAL LESPEDEZA	30%
8/1 TO 12/1	KENTUCKY 31 FESCUE	70%
	ENGLISH RYE	20%
	WHITE CLOVER	10%
2/1 TO 12/1	KENTUCKY 31 FESCUE	70%
	CROWN VETCH	25%
	ENGLISH RYE	5%
 14. DO NOT ALLOW WATER TO ACCUMULATE IN EXCAVATIONS OR POND ON-SITE. PROVIDE NECESSARY MEASURES TO KEEP THE SITE FREE-DRAINING.
 15. MULCH WITH STRAW AT A RATE OF 100 LBS./1000 S.F. OVER THE SEEDED AREAS.
 16. NO SLOPE SHALL EXCEED 2:1 (H:V). ALL SLOPES STEEPER THAN 3:1 TO RECEIVE EXTENDED TERM EROSION CONTROL BLANKET.
 17. TO PREVENT EROSION, ALL SLOPES 2:1 OR GREATER ARE TO BE TRACKED WITH A DOZER TO FORM CLEAT MARKS PARALLEL TO THE CONTOUR.
 18. APPLY TEMPORARY SEEDING WHENEVER GRADING OPERATIONS ARE HALTED FOR OVER 14 DAYS AND FINAL GRADING OF EXPOSED SURFACE IS TO BE COMPLETED WITHIN ONE YEAR. APPLY TEMPORARY SEEDING TO ALL SOIL STOCKPILES.
 19. APPLY PERMANENT SEEDING WHENEVER GRADING OPERATIONS ARE COMPLETED AND ALL CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. APPLY PERMANENT SEEDING TO ALL NON-CONSTRUCTION AREAS WHICH SHOW SIGNS OF EXCESSIVE EROSION.

SPECIAL NOTE:

1. FINAL DRAINAGE DESIGN AND CALCULATIONS FOR DETENTION AND WATER QUALITY TO BE INCLUDED AS PART OF SUBMITTAL TO THE CITY OF KNOXVILLE FOR PERMITTING.

LEGEND

---	EXISTING CONTOUR
---	PROPOSED INDEX CONTOUR
+	PROPOSED SPOT ELEVATION
(1/4.01)	DETAIL REFERENCE (DETAIL NO./SHEET NO.)
---	EXIST. STORM
---	EXIST. SEWER
---	EXIST. WATER
---	EXIST. FENCE
---	EXIST. POWER POLE

TTCTA FILE #7-A-22-TOB

REVISED PER TTCTA COMMENTS	6/17/2022
REVISED PER TTCTA COMMENTS	6/29/2022

REVISIONS	DATE
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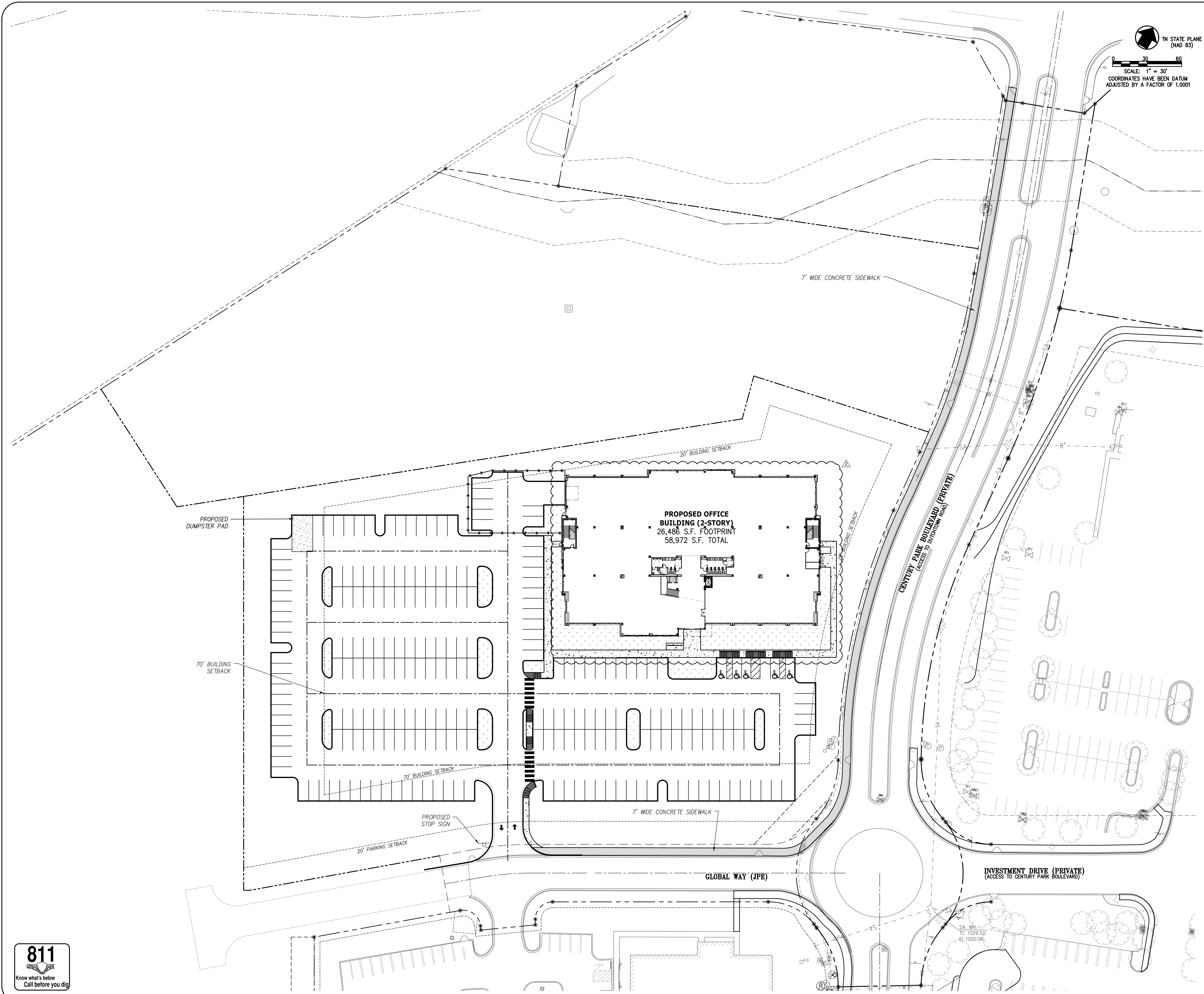
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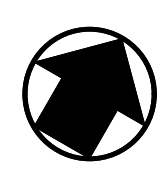
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PROJECT: CENTURY PARK AT PELLISSIPPI
DUTCHTOWN ROAD
KNOXVILLE, TENNESSEE

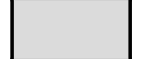



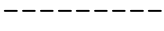



OVERALL SITE GRADING & DRAINAGE PLAN

PRELIMINARY NOT FOR CONSTRUCTION	CCI PROJECT NO.	00344-0045.000
	DRAWING DATE	MAY 25, 2022
	PM	AWG
	DRAWN	LED/SF
		3




 TN STATE PLANE
(NAD 83)
 SCALE: 1" = 30'
 COORDINATES HAVE BEEN DATUM
ADJUSTED BY A FACTOR OF 1.0001

LEGEND

-  CONCRETE SIDEWALK
-  PROPOSED LANDSCAPING
-  EXIST. R.O.W.
-  BUILDING SETBACK LINE
-  EXIST. EASEMENT LINE
-  NUMBER OF PARKING SPACES
-  ACCESSIBLE PARKING
-  ACCESSIBLE RAMP

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PROJECT: **CENTURY PARK AT PELLISSIPPI**
 DUTCHTOWN ROAD
 KNOXVILLE, TENNESSEE

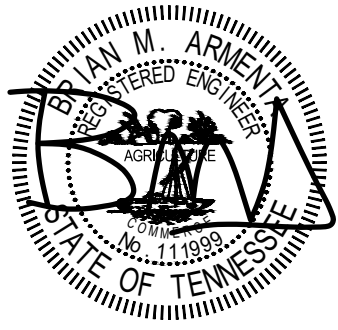
PEDESTRIAN CONNECTIVITY PLAN

PRELIMINARY NOT FOR CONSTRUCTION	CCI PROJECT NO.	00344-0045.000
	DRAWING DATE	MAY 25, 2022
	PM	AWG
	DRAWN	LED/SF

4



PLOT SCALE: 1"=1'-0"



A New Office Building for
CENTURY PARK - TTCDA FILE NO. 7-A-22-TOB
Global Way
Knoxville, Tennessee

SPECIFICATIONS
<p><u>GENERAL</u></p> <p>CONTRACTOR SHALL REFER TO ALL RELATED DOCUMENTS, ARCHITECTURAL, STRUCTURAL, CIVIL AND MEP DRAWINGS, AND FULLY UNDERSTAND THE SCOPE OF WORK AND CONDITION OF CONSTRUCTION.</p> <p>THE WORK UNDER THIS SPECIFICATIONS AND DRAWINGS SHALL INCLUDE ALL LABOR.</p> <p>ALL INSTALLATION OF DEVICES AND CONNECTION OF CONDUCTORS SHALL BE PERFORMED BY LICENSED AND SKILLED ELECTRICIAN OR JOURNEYMAN.</p> <p>ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE OWNER. IF ANY PORTION OF THE WORK IS FOUND UNSATISFACTORY BY THE OWNER, IT SHALL BE REMOVED AND REINSTALLED WITHOUT DELAY AT NO COST TO THE OWNER.</p> <p>THE WORK INCLUDES, BUT NOT LIMITED TO:</p> <div><div>THE COMPLETE ELECTRICAL DISTRIBUTION SYSTEM.</div><div>ROUGH-IN AND FINAL CONNECTIONS TO ALL DEVICES REQUIRING ELECTRICAL POWER, INCLUDING OWNER PROVIDED EQUIPMENT.</div><div>LIGHTING CONTROL</div><div>LIGHTING FIXTURES</div></div> <p>EACH CONTRACTOR SHALL OBTAIN ALL PERMITS AND INSPECTIONS REQUIRED BY THE REGULATORY AUTHORITIES. ALL FEES RELATED TO OBTAINING PERMITS AND INSPECTION SHALL BE PAID FOR BY EACH CONTRACTOR IN HIS TRADE.</p> <p>ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH LOCAL, COUNTY, STATE, AND NATIONAL ELECTRICAL CODE 2020, SPECIFICATIONS, UTILITY COMPANY REQUIREMENTS AND ALL INDUSTRY STANDARDS.</p> <p>ANY DIFFERENCES IN ABOVE MENTIONED REQUIREMENTS, THE MOST STERN SHALL OVERRULE ALL OTHERS.</p> <p>IN ADDITION TO ABOVE MENTIONED CODES AND SPECIFICATIONS, THE FOLLOWING INDUSTRY STANDARDS SHALL BE COMPLIED IF THEY ARE MORE STRINGENT.</p> <div><div>IEEE</div><div>IES</div><div>IEEC 2018</div><div>ASHRAE 90.1</div><div>NFPA</div><div>NEMA</div><div>UL</div><div>ADA</div></div> <p>THE MANUFACTURERS PUBLISHED DIRECTIONS SHALL BE FOLLOWED IN THE DELIVERY, STORAGE, PROTECTION, INSTALLATION AND WIRING OF ALL EQUIPMENT AND MATERIAL.</p> <p>THE DRAWINGS SHOW DIAGRAMMATICALLY THE LOCATIONS OF THE VARIOUS LINES, CONDUITS, FIXTURES, AND EQUIPMENT AND THE METHOD OF CONNECTING AND CONTROLLING THEM. IT IS NOT INTENDED TO SHOW EVERY CONNECTION IN DETAIL AND ALL FITTINGS REQUIRED FOR A COMPLETE SYSTEM. THE SYSTEMS SHALL INCLUDE BUT ARE NOT LIMITED TO THE ITEMS SHOWN ON THE DRAWINGS. EXACT LOCATIONS OF THESE ITEMS SHALL BE DETERMINED BY REFERENCE TO THE GENERAL PLANS AND MEASUREMENTS AT THE BUILDING AND IN COOPERATION WITH THE OTHER SUBCONTRACTORS, AND IN ALL CASES, SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER. THE OWNER RESERVES THE RIGHT TO MAKE ANY REASONABLE CHANGE IN THE LOCATION OF ANY PART OF THIS WORK WITHOUT ADDITIONAL COST TO THE OWNER.</p> <p>CONTRACTOR SHALL SEEK APPROVAL FROM THE OWNER FOR ANY CHANGES TO THE SPECIFICATIONS OR CONTRACT DOCUMENTS.</p> <p>ANY EXCEPTIONS, INCONSISTENCIES AND CONFLICTS IN CONTRACT DOCUMENTS, SPECIFICATIONS AND CONTRACT DOCUMENTS BY OTHER TRADE SHALL BE BROUGHT TO ATTENTION TO THE OWNER PRIOR TO BID.</p> <p>CONTRACTOR SHALL COORDINATE AND VERIFY THE WORK WITH EXISTING CONDITIONS AND THE WORK OF OTHER TRADE PRIOR TO ANY FABRICATIONS OR INSTALLATION. IF THE LAYOUT OF THE DEVICES ON DRAWINGS ARE IMPRACTICAL TO THE CONDITION IN FIELD, CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY PRIOR TO ANY FABRICATION OR INSTALLATION.</p> <p>ELECTRICAL DEVICES ARE INDICATED ON DRAWINGS AT APPROXIMATE LOCATIONS. THE OWNER RESERVE THE RIGHT TO MAKE REASONABLE CHANGES IN LOCATIONS WITHOUT ADDITIONAL COSTS.</p> <p>THE LINES INDICATING BRANCH CIRCUITS DO NOT REPRESENT THE ROUTING OF ELECTRICAL CONDUITS. THEY INDICATE THE LAYOUT AND CONTROL OF CIRCUITS.</p> <p><u>PRODUCTS AND WORK</u></p> <p>MATERIALS FURNISHED SHALL BE NEW AND BY STANDARD MANUFACTURERS AND MUST CONFORM TO THE NATIONAL BOARD OF FIRE UNDERWRITERS REQUIREMENTS AND BEAR THE UNDERWRITERS LABORATORIES' SEAL OF APPROVAL.</p> <p>LISTED MANUFACTURERS, MODELS, OR CATALOGUE NUMBERS IN PART OR ALL SHALL ENTAIL TO INCLUDE THE PUBLISHED MANUFACTURERS DESCRIPTION AND SPECIFICATION.</p> <p>CONTRACTOR SHALL NOT INTERPRET THAT THE LISTED MANUFACTURERS IN SPECIFICATIONS OR DRAWINGS TO EXCLUDE ALL OTHER MANUFACTURERS.</p> <p>CONTRACTOR SHALL MAKE CERTAIN THAT ALL EQUIPMENT FIT IN THE SPACE DESIGNATED AND DESIGNED FOR THE SURROUNDINGS IT OCCUPIES.</p> <p>COMPLETE CATALOGUE ILLUSTRATION AND DESCRIPTIONS OF ALL EQUIPMENT SHALL BE SUBMITTED TO THE OWNER PRIOR TO ORDERING ANY EQUIPMENT.</p> <p>ALL HORIZONTAL RUNS OF CONDUITS SHALL BE SUPPORTED BY MEANS OF APPROVED HANGER FROM THE STRUCTURAL CEILING.</p> <p>COORDINATE THE WORK UNDER THIS SECTION WITH ALL OTHER TRADES.</p> <p><u>CONDUITS AND RACEWAYS:</u></p> <p>MANUFACTURERS: SQUARE D, B-LINE, ALLIED TUBE & CONDUIT, HOFFMAN, CARLON ELECTRICAL, WIREMOLD.</p> <p>OUTDOORS EXPOSED: RIGID STEEL.</p> <p>OUTDOORS CONCEALED ABOVE GROUND: RIGID STEEL.</p> <p>OUTDOORS UNDERGROUND: TYPE EPC-40 PVC.</p> <p>OUTDOORS CONNECTION TO VIBRATING EQUIPMENT (INCLUDING TRANSFORMERS AND MOTOR DRIVEN EQUIPMENT): LFMC.</p> <p>BOXES AND ENCLOSURES ABOVE GROUND: NEMA 3R UNLESS NOTED OTHERWISE ON PLANS.</p> <p>INDOORS EXPOSED NOT SUBJECT TO PHYSICAL DAMAGE: EMT. INDOORS EXPOSED NOT SUBJECT TO SEVERE PHYSICAL DAMAGE: EMT.</p> <p>INDOORS CONCEALED IN CEILINGS AND INTERIOR WALLS AND PARTITIONS: EMT.</p> <p>INDOORS CONNECTION TO VIBRATING EQUIPMENT: FMC, EXCEPT USE LFMC IN DAMP OR WET LOCATIONS.</p> <p>INDOORS DAMP OR WET LOCATIONS: IMC.</p> <p>INDOORS LOW-VOLTAGE CABLES: EMT.</p> <p><u>CONDUCTORS:</u></p> <p>COPPER CONDUCTORS #10 AND SMALLER: LABELED PER UL 83, TYPE THHN/THWN, SOLID COPPER 600 VOLT INSULATION, UNIFORM COLOR CODED JACKET WITH JACKET DATA, METAL CLAD (TYPE MC) CABLE WHERE INSTALLED IN ACCORDANCE WITH NEC ARTICLE 330.</p> <p>COPPER CONDUCTORS #8 OR LARGER: LABELED PER UL 83, TYPE THHN/THWN, STRANDED COPPER, 600VOLT INSULATION, UNIFORM COLOR CODED JACKET WITH JACKET DATA.</p> <p>ACCEPTABLE MANUFACTURERS OF CONDUCTORS:</p> <div><div>PIRELLIE</div><div>SOUTHWIRE</div><div>AETNA</div><div>REPUBLIC</div><div>AFC</div><div>ENCORE WIRE</div><div>KERITE</div></div> <p>CONTRACTOR MAY USE ALUMINUM CONDUCTORS FOR #4 AWG OR LARGER IN THE PLACE OF COPPER CONDUCTORS. CONTRACTOR SHALL REFER TO NEC TABLE 310.16 FOR EQUIVALENT AMPACITY AND SHALL COMPENSATE FOR VOLTAGE DROP.</p> <p>CONTRACTOR SHALL MAKE ADEQUATE ADJUSTMENT TO CONDUIT SIZES INDICATED SHOULD ALTERNATIVE CONDUCTOR INSULATION OR MATERIAL BE UTILIZED.</p>

SPECIFICATIONS
<p><u>MOLDED CASE CIRCUIT BREAKER:</u></p> <p>INCLUDE SCHEDULE OF ALL FUSES, RATINGS, TIME COORDINATION DATA, MANUFACTURERS STANDARD DATA AND TIME-CURRENT CURVES. ALL DATA SHALL BE BASED ON TEST OF STANDARD PRODUCTS.</p> <p>APPROVED MANUFACTURERS:</p> <div><div>GENERAL ELECTRIC</div><div>CUTLER HAMMER</div><div>SQUARE D</div><div>SIEMENS</div></div> <p>THERMAL-MAGNETIC BOLT-IN TYPE CIRCUIT BREAKERS WITH QUICK-MAKE, QUICK-BREAK CONTACTS; TRIP-FREE OPERATION WITH OVER-THE-CENTER TOGGLE HANDLE OR NON-REMOVABLE MONOLITHIC TIE-HANDLE.</p> <p>MULTI-POLE BREAKERS SHALL HAVE INTERNAL COMMON TRIP AND COMMON RESET WITH A SINGLE TOGGLE HANDLE OR NON-REMOVABLE MONOLITHIC TIE-HANDLE.</p> <p>TRIP RATINGS SHALL BE MOLDED ON THE HANDLE OR FACE OF BREAKER.</p> <p>BREAKER TERMINALS SHALL BE RATED TO ACCOMMODATE A MINIMUM OF 75 DEGREE C. CONDUCTORS.</p> <p>BREAKER SHALL BE RATED FOR RATING AND OPERATION IN ANY POSITION; SHALL ACCOMMODATE AND MATCH THE TYPE OF TERMINATIONS REQUIRED.</p> <p>SINGLE POLE BREAKERS RATED 15 AND 20 AMPERES SHALL BE UL LABELED AS "SWITCHING BREAKERS" AT THE APPLIED CIRCUIT VOLTAGE.</p> <p>MULTI-POLE BREAKERS RATED 100 AMPERES AND LARGER SHALL BE MOLDED CASE THERMAL-MAGNETIC BOLT-IN TYPE BREAKER WITH ADJUSTABLE INSTANTANEOUS TRIP.</p> <p><u>LIGHTING FIXTURE</u></p> <p>SUBMITTAL:</p> <p>SCHEDULE BY TYPE DESIGNATION ALL LIGHTING FIXTURES, EACH COMPLETE WITH DATA SHEET WITH COMPLETE PHYSICAL, ELECTRICAL AND LIGHTING CHARACTERISTICS, LAMP TYPE AND LAMP DATA.</p> <p>REFER TO THE "LIGHTING FIXTURE SCHEDULE" IN THE DRAWINGS FOR INDIVIDUAL FIXTURE DESCRIPTIONS AND MANUFACTURER TYPES.</p> <p>PROVIDE LAMPS FOR EACH FIXTURE OF QUANTITY, TYPE AND COLOR AS LISTED IN LIGHTING FIXTURE SCHEDULE. GE, SYLVANIA OR PHILIPS ARE ACCEPTABLE.</p> <p>EACH LIGHTING FIXTURE SHALL BE UL LABELED FOR PROPER OPERATION IN THE TYPE OF CEILING CONSTRUCTION AND FOR THE MOUNTING ARRANGEMENT ONWH WHICH IT IS INSTALLED.</p> <p>FIELD VERIFY ACTUAL CEILING SLOPE FOR FIXTURES INSTALLED IN SAME AND ACTUAL FIELD DIMENSIONS AND ANGLES OF CONSTRUCTION FOR ANY FIXTURE CONFORMING THE SHAPE AND LENGTH OF SAME, FOR COORDINATION OF FIXTURE CONSTRUCTION.</p> <p><u>PANELBOARD</u></p> <p>SUBMITTAL:</p> <p>INCLUDE SCHEDULE OF EACH PANELBOARD WITH ALL DEVICES AND COMPLETE WITH PHYSICAL AND ELECTRICAL DATA AND WITH RATINGS FOR EACH COMPONENT INCLUDING BREAKER/FUSE OVERLAY CURVES.</p> <p>LABELED PER UL #67 AND #50, CONFORM WITH NEMA #250 AND PB1, NFPA #70-384 AND 70-373.</p> <p>ALL JUNCTION BOXES SHALL BE LABELED WITH PANEL AND CIRCUIT DESIGNATION.</p> <p>PROVIDE TYPED CIRCUIT DIRECTORY WITH EACH CIRCUIT SERVING DEVICES AND AREA ITS SERVING.</p> <p>APPROVED MANUFACTURERS:</p> <div><div>GENERAL ELECTRIC</div><div>CUTLER HAMMER</div><div>SQUARE D</div><div>SIEMENS</div></div> <p><u>LIGHTING CONTROL</u></p> <p>TIME SWITCHES:</p> <p>SOLID STATE, PROGRAMMABLE, WITH ALPHANUMERIC DISPLAY; COMPLYING WITH UL 917, 20-A BALLAST LOAD, 120/240VAC.</p> <p>TWO ON-OFF SET POINTS ON A 24-HOUR SCHEDULE AND ANNUAL HOLIDAY SCHEDULE THAT OVERRIDES THE WEEKLY OPERATION ON HOLIDAYS.</p> <p>ALLOW CONNECTION OF A PHOTOELECTRIC RELAY AS SUBSTITUTE FOR ON-OFF FUNCTION OF A PROGRAM.</p> <p>BATTERY BACKUP FOR NOT LESS THAN SEVEN DAYS RESERVE TO MAINTAIN SCHEDULES AND TIME CLOCK.</p> <p>INDOOR OCCUPANCY SENSORS:</p> <p>WALL OR CEILING MOUNTED SOLID-STATE INDOOR OCCUPANCY SENSORS WITH A SEPARATE POWER PACK.</p> <p>ADJUSTABLE TIME-DELAY OVER A RANGE OF 1 TO 30 MINUTES.</p> <p>SENSOR OUTPUT: CONTACTS RATED TO OPERATE THE CONNECTED RELAY, COMPLYING WITH UL773A. SENSOR IS POWERED FROM POWER PACK.</p> <p>POWER PACK: DRY CONTACTS RATED FOR 20-A BALLAST LOAD AT 120 OR 277 VAC. AUTOMATIC LIGHT-LEVEL SENSOR: ADJUSTABLE FROM 2 TO 200 FC (21.5 TO 2152 LUX); TURN LIGHTS OFF WHEN SELECTED LIGHTING LEVEL IS PRESENT.</p> <p>DUAL SENSOR TYPE: DETECT OCCUPANCY AREA USING PIR (PASSIVE INFRA-RED) AND ULTRASONIC DETECTION METHOD.</p> <p><u>GROUNDING AND BONDING</u></p> <p>ALL GROUNDING AND BONDING SHALL CONFORM TO NEC ARTICLE 250.</p> <p>COPPER WIRE OR CABLE INSULATED FOR 600V UNLESS REQUIRED BY APPLICABLE CODE OR AUTHORITIES HAVING JURISDICTION.</p> <p>INSTALL SOLID CONDUCTOR FOR #8 AWG AND SMALLER AND STRANDED CONDUCTORS FOR #6 OR LARGER.</p> <p>INSTALL INSULATED EQUIPMENT GROUNDING CONDUCTORS FOR ALL EQUIPMENT.</p> <p><u>LOW VOLTAGE TRANSFORMERS</u></p> <p>SUBMITTAL:</p> <p>PROVIDE PRODUCT DATA FOR EACH TRANSFORMER. INDICATE DIMENSIONS AND WEIGHTS.</p> <p>PROVIDE CERTIFICATION THAT TRANSFORMERS, ACCESSORIES, AND COMPONENTS WILL WITHSTAND SEISMIC FORCES.</p> <p>MANUFACTURERS: CUTLER-HAMMER, SIEMENS, GE AND SQUARE D.</p> <p>INSULATION CLASS: 220 DEG C, UL COMPONENT RECOGNIZED INSULATION SYSTEM WITH MAXIMUM OF 150 DEG C RISE ABOVE 40 DEG C AMBIENT TEMPERATURE.</p> <p>COMPLY WITH NEMA TP1, CLASS 1 EFFICIENCY LEVELS AND TESTED ACCORDING TO NEMA TP2.</p> <p>TESTING AND INSPECTION: PERFORM VISUAL AND MECHANICAL INSPECTION AND ELECTRICAL TEST STATED IN NETA ACCEPTANCE TESTING SPECIFICATION. CERTIFY COMPLIANCE WITH TEST PARAMETERS.</p> <p>PERFORM AN INFRARED SCAN OF TRANSFORMER CONNECTIONS TWO MONTHS AFTER SUBSTANTIAL COMPLETION, PLUS 2 FOLLOW UP SCANS. ONE AT 4 MONTHS AND THE OTHER AT 11 MONTHS. PROVIDE CERTIFIED REPORT.</p>

ELECTRICAL GENERAL NOTES
<p>THE DESIGN OF THIS SET OF DOCUMENT IS BASED ON NEC 2017.</p> <p>ELECTRICAL CONTRACTOR SHALL REFER TO ALL OTHER DESIGN DRAWINGS PRIOR TO BID AND RETAIN FULL UNDERSTANDING OF THE SCOPE OF WORK.</p> <p>FIXTURE TYPE INDICATED BY UPPER CASE CHARACTERS, SWITCHING AND GROUPING DESIGNATED BY LOWER CASE LETTER AND CIRCUIT BY NUMBER (WHERE APPLICABLE).</p> <p>REFER TO THE ARCHITECTURALINTERIORS REFLECTED CEILING PLANS FOR EXACT FIXTURE PLACEMENT AND DIMENSIONS.</p> <p>REFER TO THE ARCHITECTURALINTERIORS DOCUMENTS FOR ACTUAL DEVICE LOCATIONS AND DIMENSIONS.</p> <p>COORDINATE THE INSTALLATION OF ALL CEILING MOUNTED DEVICES (FIRE ALARM SYSTEM DEVICES AND SPEAKERS, SOUND SYSTEM SPEAKER, ETC.) TO BE SYMMETRICAL ABOUT LIGHT FIXTURES AND SPRINKLER HEADS. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN. TYPICAL.</p> <p>ALL MOUNTING OF EQUIPMENT IS AS SHOWN UNLESS OTHERWISE NOTED. COORDINATE WITH ARCHITECT THE COLOR/FINISHES OF ALL ELECTRICAL DEVICES, OUTLETS, COVERPLATES AND TRIM.</p> <p>EMERGENCY BATTERY PACKS AND EXIT SIGNS SHALL BE CONNECTED AHEAD OF ANY SWITCHING DEVICES.</p> <p>REFER TO MECHANICAL DRAWINGS FOR DUCT SMOKE DETECTOR LOCATIONS AND QUANTITIES WITH STRUCTURAL DRAWINGS TO INSURE LOCATION OF SAME OCCURS WITHIN FOUR (4) INCHES OF PANEL POINT ON BAR JOISTS.</p> <p>WHEN CONDUCTOR OR CONDUIT SIZE IS INDICATED FOR BRANCH CIRCUIT HOME RUN, THE CONDUCTOR AND CONDUIT SIZE INDICATED SHALL BE USED FOR THE COMPLETE CIRCUIT.</p> <p>REFER TO THE APPROPRIATE DRAWINGS FOR THE EXACT LOCATION AND REQUIREMENTS OF EQUIPMENT INSTALLED UNDER OTHER DIVISIONS OF THE DOCUMENTS, WHICH REQUIRE ELECTRICAL SERVICE.</p> <p>EQUIPMENT GROUNDING CONDUCTORS SHALL BE INSTALLED IN ALL RACEWAYS.</p> <p>WALL SWITCHES CONTROLLING CIRCUITS OF OPPOSITE PHASES SHALL NOT BE INSTALLED IN COMMON BOX UNLESS PERMANENT BARRIER IS PROVIDED.</p> <p>ALL HOME RUNS SHALL RUN PARALLEL TO STRUCTURE AS MUCH AS POSSIBLE WHERE CEILING IS EXPOSED.</p> <p>ALL RACEWAY AND EQUIPMENT SUPPORTS AND HANGERS SHALL BE FULLY COORDINATED WITH STRUCTURAL DRAWINGS TO INSURE LOCATION OF SAME OCCURS WITHIN FOUR (4) INCHES OF PANEL POINT ON BAR JOISTS.</p> <p>COORDINATE LOCATION OF ALL FLOOR MOUNTED MECHANICAL AND PLUMBING EQUIPMENT IN ORDER TO VERIFY POWER & CONTROL RACEWAY CONCEALED IN SLABS TERMINATED AT PROPER LOCATION.</p> <p>DISCONNECT SWITCHES, MOTOR STARTERS AND OTHER ELECTRICAL EQUIPMENT INSTALLED ABOVE ACCESSIBLE CEILINGS, AND REQUIRING ACCESS FOR MAINTENANCE, SHALL BE INSTALLED WITH BOTTOM OF DEVICE ONE (1) FOOT ABOVE CEILING TO PROVIDE READY ACCESSIBILITY.</p> <p>MECHANICAL, PLUMBING, FIRE PROTECTION AND OTHER EQUIPMENT ARE SHOWN ON FLOOR PLAN IN APPROXIMATE LOCATION. COORDINATE WITH M, P, AND CONTRACT DRAWINGS/SUBMITTALS FOR EXACT LOCATION OF EQUIPMENT.</p> <p>GENERAL DIAGRAMMATIC RACEWAY INTERCONNECTIONS OF EQUIPMENT, FIXTURES AND DEVICES ARE INDICATED ON FLOOR AND REFLECTED CEILING PLANS. REFER TO STRUCTURAL AND ARCHITECTURAL PLANS FOR ELEVATION CHANGES AND RACEWAY ROUTES.</p> <p>RACEWAY FOR EXTERIOR LIGHTING MAY BE INDICATED OUTSIDE OF BUILDING FOOTPRINT FOR CLARITY. ROUTE ALL EXTERIOR LIGHTING RACEWAY WITHIN BUILDING STRUCTURE.</p> <p>POWER AND COMMUNICATIONS/DATA CONDUITS CAN CROSS AT 90°, BUT WHERE PARALLEL, SHALL BE A MINIMUM OF 8" APART.</p> <p>TELEVISION AND RADIO ANTENNAS CABLES SHALL HAVE SURGE PROTECTION. GROUND ALL MASTS.</p> <p>PROVIDE SURGE PROTECTION FOR ELECTRICAL AND TELEPHONE SERVICES.</p> <p>FIELD COORDINATE MECHANICAL AND PLUMBING EQUIPMENT ELECTRICAL CHARACTERISTICS WITH DIV. 15. CONTRACTOR PRIOR TO ROUGH-IN, ADJUST ELECTRICAL CONNECTIONS IF NECESSARY TO MATCH ACTUAL EQUIPMENT IN FIELD. FOR EXAMPLE, COORDINATE THE NAMEPLATE OVERCURRENT PROTECTION DEVICE RATING OF MECHANICAL EQUIPMENT AMONG MECHANICAL AND ELECTRICAL SUBCONTRACTORS. ADJUST CIRCUIT BREAKER TO MATCH NAMEPLATE RATINGS OF EQUIPMENT AT NO ADDITIONAL COST.</p> <p>FIELD COORDINATE MECHANICAL AND PLUMBING EQUIPMENT REQUIREMENTS FOR ANY SUPPLEMENTAL POWER REQUIREMENTS, INCLUDING BUT NOT LIMITED TO CONTROL CIRCUITS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BRING ALL EQUIPMENT TO ITS INTENDED OPERATIONAL STATUS.</p> <p>REFER TO FIRE PROTECTION DRAWINGS FOR LOCATIONS OF FLOW AND TAMPER SWITCHES.</p> <p>EACH PENETRATION OF A FIRE RESISTANT RATED ASSEMBLY BY A PIPE, TUBE WIRE OR CONDUIT SHALL BE PROTECTED BY A THROUGH PENETRATION FIRE STOP SYSTEM THAT HAS BEEN TESTED ACCORDING TO ASTM E 814 OR E 199.</p> <p>ELECTRIC RECEPTACLES, SWITCHES, OUTLETS, ETC. SHALL NOT BE INSTALLED BACK TO BACK ON FIRE RESISTANCE RATED WALLS. THEY SHALL BE AT LEAST 24-INCHES APART.</p> <p>LIGHT SWITCHES AND ELECTRICAL OUTLETS, LOCATED IN ROOMS ACCESSIBLE TO THE DISABLED SHALL BE LOCATED NO HIGHER THAN 48 INCHES AND NO LOWER THAN 15 INCHES ABOVE THE FINISHED FLOOR SURFACE. IF THE REACH OR THE CONTROL IS OVER AN OBSTRUCTION, THE MINIMUM HEIGHT SHALL BE REACHED TO 44 INCHES FOR A FORWARD APPROACH OR 46 INCHES FOR A SIDE APPROACH.</p> <p>REFER TO LOW VOLTAGE CONSULTANTS DRAWINGS FOR VOICE, DATA AND CATV OUTLET LOCATIONS. REFER TO LV CONSULTANTS DRAWINGS FOR ANY ADDITIONAL INFORMATION.</p> <p>CONNECT ALL EXIT SIGNS TO NEAREST UNSWITCHED PORTION OF THE LIGHTING CIRCUIT IN THE AREA.</p> <p>ELECTRICAL BOXES INSTALLED IN FIRE RATED WALLS SHALL MAINTAIN THE INTEGRITY OF THE RATED WALL.</p> <p>SUPPORT ALL VERTICAL RACEWAY PER NEC TABLE 300.19(A).</p> <p>COORDINATE WITH CUTSHEETS OF ALL EQUIPMENT TO BE INSTALLED AND PROVIDE ADDITIONAL CIRCUITS FOR CONTROLS IF REQUIRED BY MANUFACTURER.</p> <p>FINAL COLOR, FINISH AND OTHER AESTHETIC PORTIONS OF ALL DEVICES SHALL BE COORDINATED WITH ARCHITECT OR OWNERS REPRESENTATIVE. THIS SET OF DRAWINGS DOES NOT SUPERCEDE ARCHITECTURAL OR INTERIOR DOCUMENTS.</p> <p>ALL EXPOSED HORIZONTAL RUNS OF CONDUITS SHALL BE EITHER PARALLEL OR PERPENDICULAR TO EXTERIOR WALLS.</p> <p>PROVIDE PLENUM RATED CABLES IF THE CABLES ARE EXPOSED AND ROUTED THROUGH PLENUM.</p>

LEGEND		
	HOME RUN WITH WIRE TICKS. XX - PANEL DESIGNATION, # - CIRCUIT DESIGNATION. WIRE TICKS - (1) NEUTRAL, (3) HOT III 4 (1) GROUND.	

ABBREVIATIONS			
AC	6" ABOVE COUNTER SPACE OR 42" AFF	IG	ISOLATED GROUND
AF	AMP FUSE	ISC	SHORT CIRCUIT CURRENT
AFP	ABOVE FINISHED FLOOR	LTG	LIGHTING
AL	ALUMINIUM	MTD	MOUNTED
BFC	BELOW FINISHED CEILING	N	NEUTRAL
BKR	BREAKER	NL	NIGHT LIGHT
CND	CONDUIT	NEC	NATIONAL ELECTRICAL CODE
CONN	CONNECTED OR CONNECTION	PNL	PANEL
CTB	CABLE TV TERMINAL BACKBOARD	RECPT	RECEPTACLE
CU	COPPER	TEL	TELEPHONE
DN	DOWN	TTB	TELEPHONE TERMINAL BOARD
EC	EMPTY CONDUIT	TV	TELEVISION
ELEC	ELECTRICAL	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
FACP	FIRE ALARM CONTROL PANEL	TYP	TYPICAL
FAA	FIRE ALARM ANNUNCIATOR PANEL	XMFR	TRANSFORMER
G OR GRND	GROUND	UG	UNDERGROUND
GFCI OR GF	GROUND FAULT CIRCUIT INTERRUPTER	WP	WEATHERPROOF

GENERAL

REVISIONS:
2022-06-17 REV 1

DATE: 6/13/22
FILE NAME: XXXXXXXX
PROJECT NO: 223025

E1

SITE LUMINAIRE SCHEDULE					
CALLOUT	SYMBOL	LAMP	DESCRIPTION	MODEL	POLE
SA		(1) 265W LED	LED POLE MOUNTED SITE LIGHT - 25' MOUNTING HEIGHT	SIGNIFY GARDCO ECF-L-80L-1A-NW-G2-5W - BRONZE FINISH	SIGNIFY GARDCO 555-CB-4-1-1-25-D1-DT5-BZ-4" POLES
SC		(1) 135W LED	LED POLE MOUNTED SITE LIGHT - 25' MOUNTING HEIGHT	SIGNIFY GARDCO ECF-S-32L-700-NW-G2-4 - BRONZE FINISH	SIGNIFY GARDCO 555-CB-4-1-1-25-D1-DT5-BZ-4" POLES

GENERAL NOTES
ALL EXTERIOR LIGHTING TO BE CONTROLLED VIA PHOTOCELL OR TIME CLOCK. COORDINATE PROGRAMMING WITH OWNER AND ARCHITECT.
KEYNOTES
① LIGHTING FIXTURES TO BE POWERED BY FUTURE HOUSE PANEL IN BUILDING. STUB AND CAP CONDUIT IN FUTURE ELECTRICAL ROOM. COORDINATE EXACT LOCATION WITH OWNER AND ARCHITECT BUILDING PLANS. PROVIDE 1/2", 1#10, #10N, #10G.



PROFICIENT
ENGINEERING

4110 Sutherland Avenue
Knoxville, Tennessee 37919
865.409.2755
PROJECT # 222077



Johnson
Architecture

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865.671.9060
johnc.com



A New Office Building for:
CENTURY PARK - TTCDA FILE NO. 7-A-22-TOB
Global Way
Knoxville, Tennessee

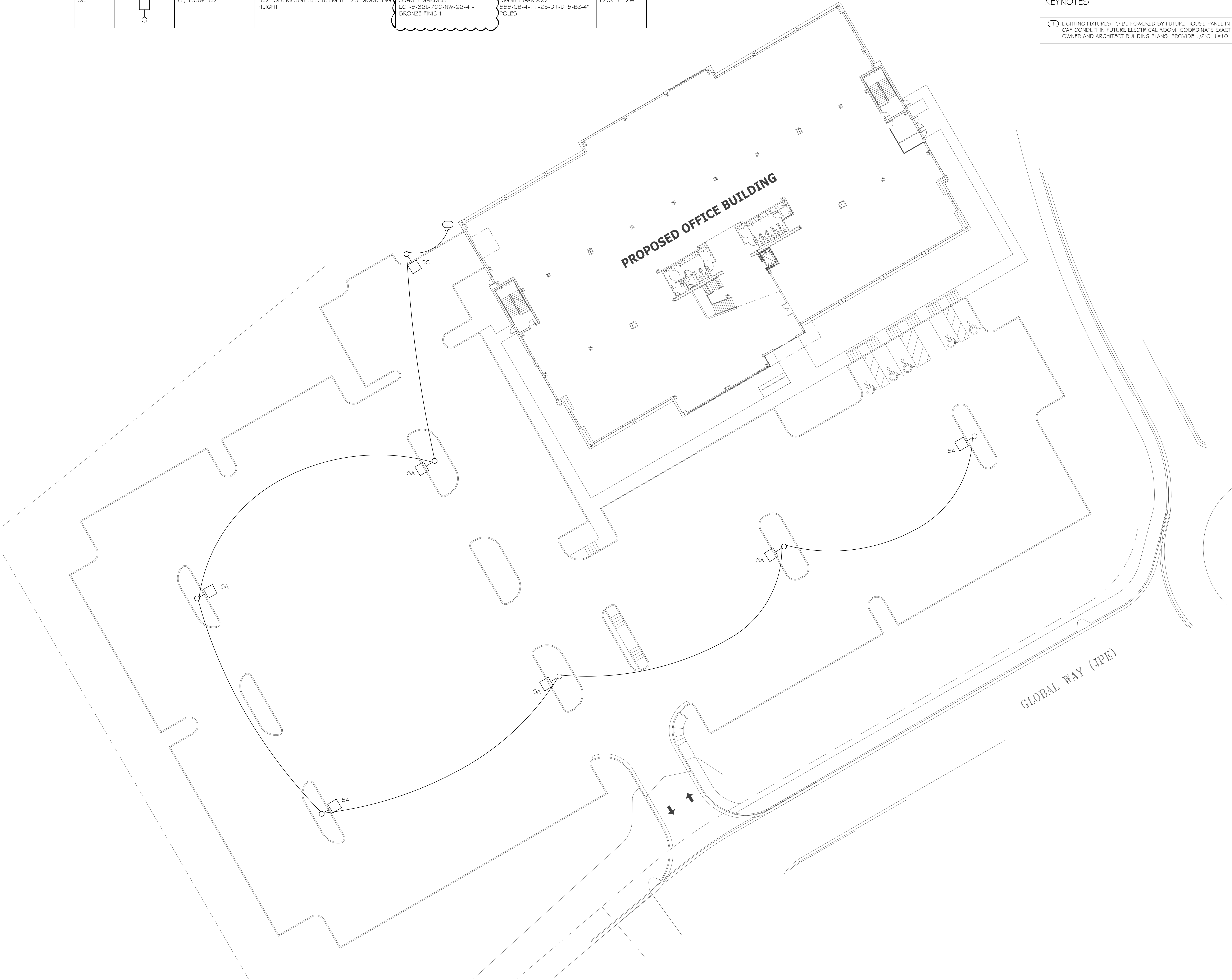
SITE PLAN

- REVISIONS:
- ① 2022-06-17 REV 1
 - △ 2022-06-29 REV 2

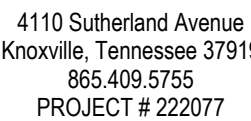
DATE: 6/13/22
FILE NAME: XXXXXXXX
PROJECT NO: 223025

E2

PLOT SCALE: 1"=1'-0"



① SITE PLAN
E2 1"=20'-0"

PHOTOMETRIC
PLAN

REVISIONS:
2022-06-17 REV 1
2022-06-29 REV 2

DATE: 6/13/22
FILE NAME: XXXXXXXX
PROJECT NO: 223025

E3



PLOT SCALE: 1"=1'-0"



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CENTURY PARK
Global Way
Knoxville, Tennessee

SES FIRST FLOOR PLAN

REVISIONS:

DATE: 6/13/22
FILE NAME: 2.1.DWG
PROJECT NO: 223025

FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



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A New Office Building for:
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Global Way
Knoxville, Tennessee

SECOND FLOOR PLAN

REVISIONS:

DATE: 6/13/22
FILE NAME: 2.2.DWG
PROJECT NO: 223025

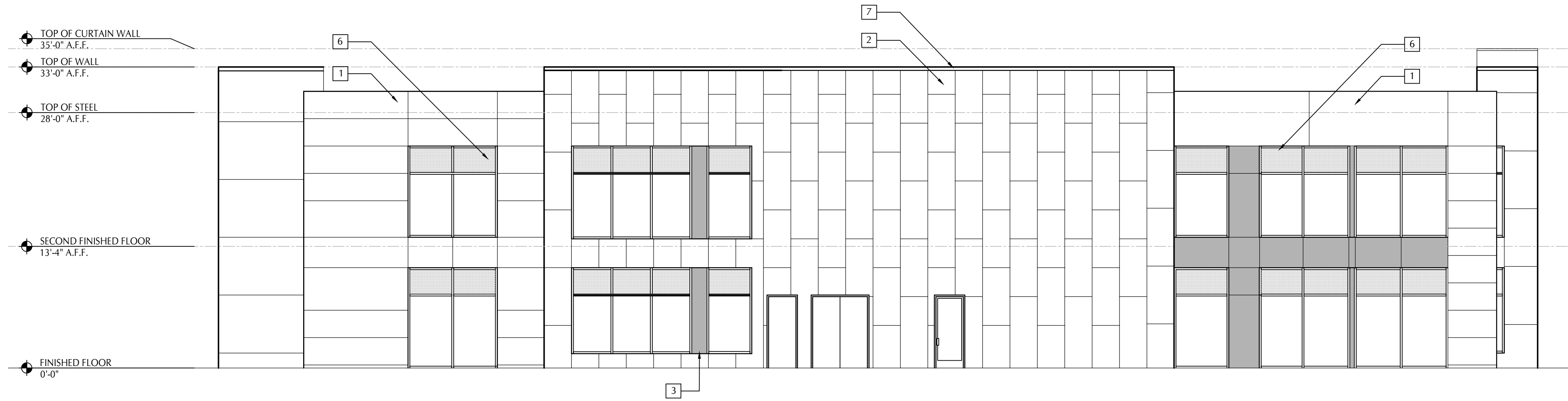
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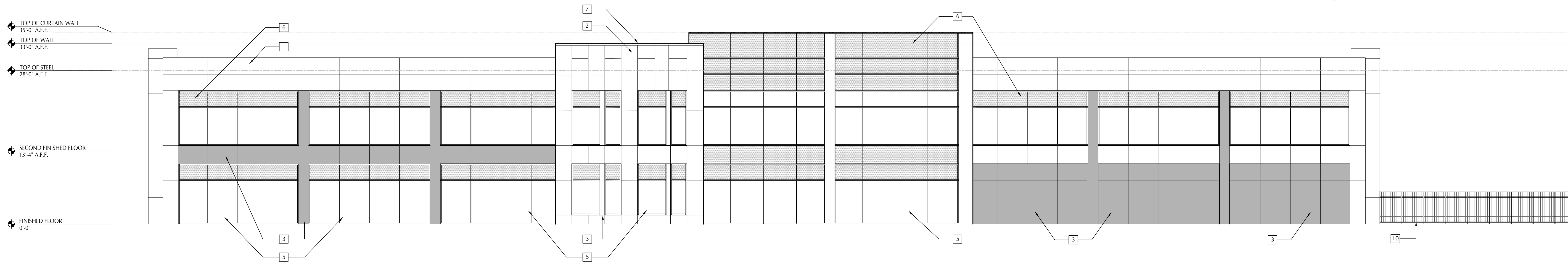
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2.2 SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

PLOT SCALE: 1" = 1'-0"

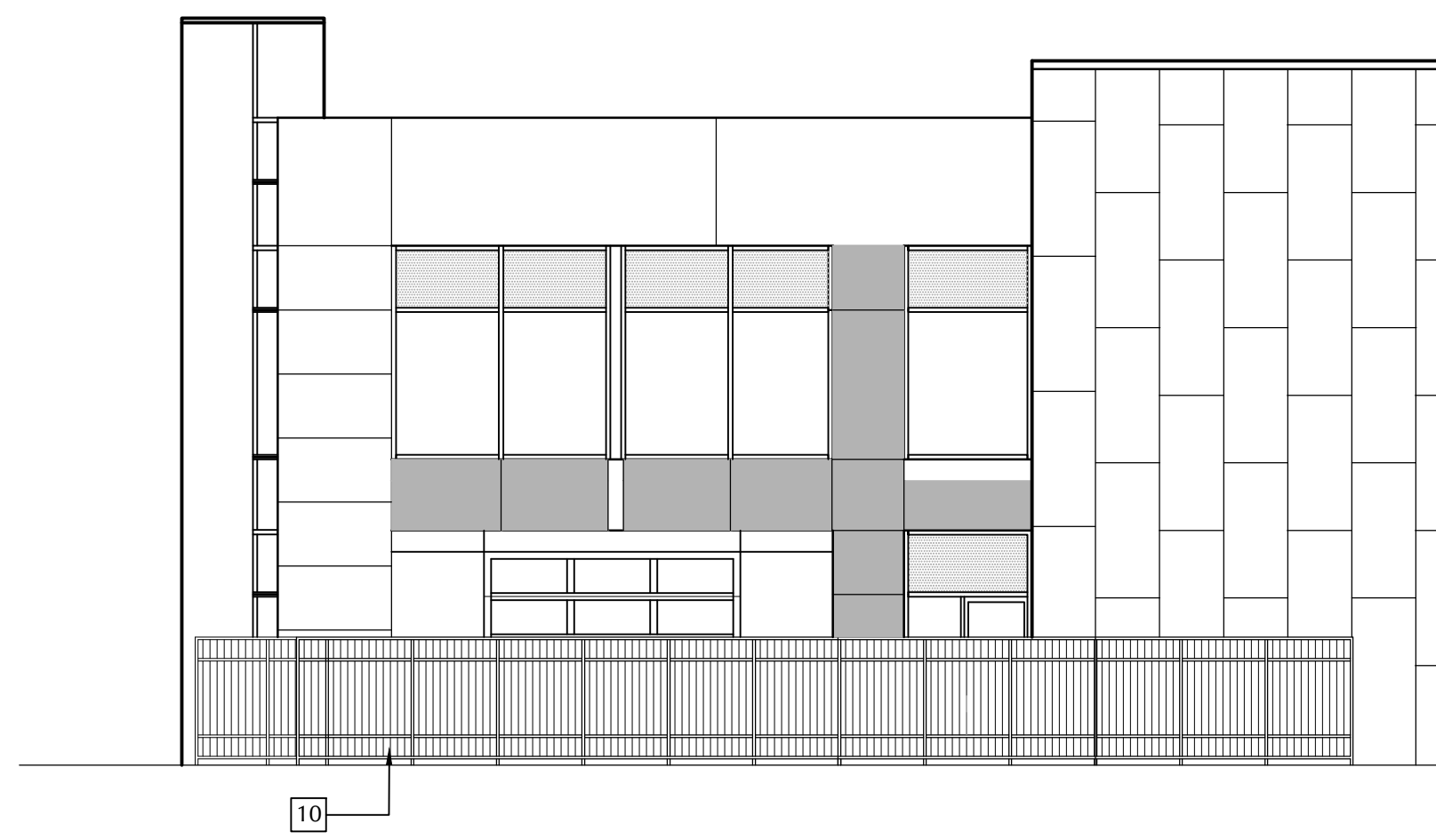
EXTERIOR MATERIAL KEY	
1	FIBER CEMENT PANEL; MANUFACTURER: EQUITONE, OR EQUAL
2	COMPOSITE WOOD PANEL; MANUFACTURER: PARLEX, OR EQUAL
3	METAL PANEL; MANUFACTURER: ALPOLIC, OR EQUAL
4	METAL SOFFIT; MANUFACTURER: LONGBOARD, OR EQUAL
5	WINDOW SYSTEM: CLEAR ANODIZED FRAME, BUTT-GLAZED VERTICAL MULLIONS, INTEGRATED HORIZONTAL 'FIN' SHADING MULLION
6	SPANDREL PANEL
7	PRE-FINISHED METAL COPING
8	PRE-ENGINEERED METAL CANOPY WITH METAL SOFFIT (KEY REFERENCE #4)
9	12"W x 10'T ALUMINUM AND GLASS OVERHEAD GARAGE DOOR
10	6" SQUARE TUBE PRE-FINISHED ALUMINUM RAIL FENCING, FINISH: BLACK



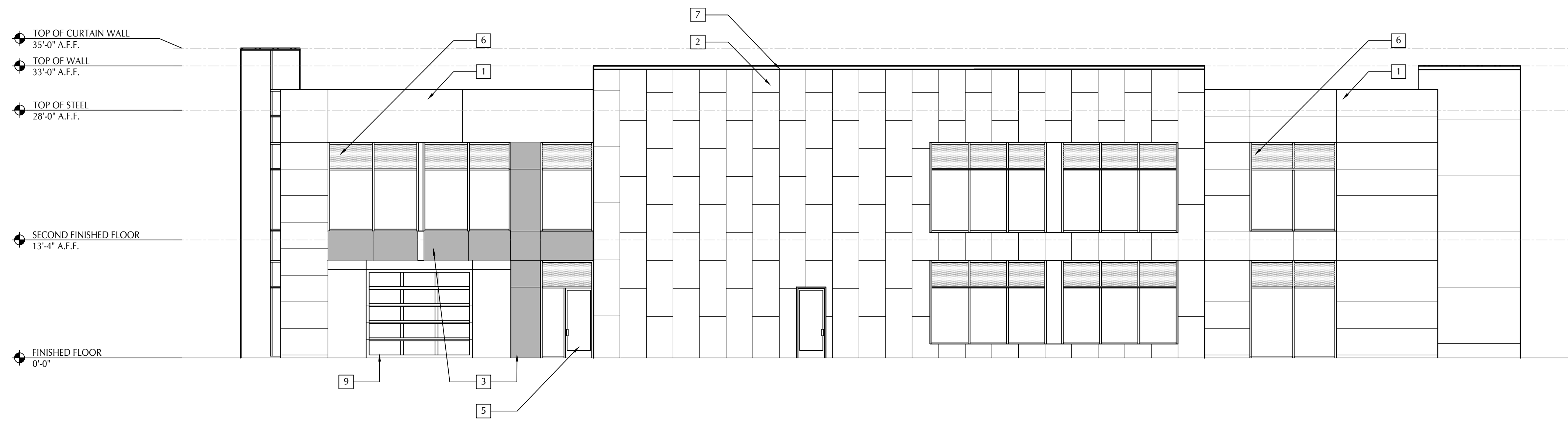
4
3.1
EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



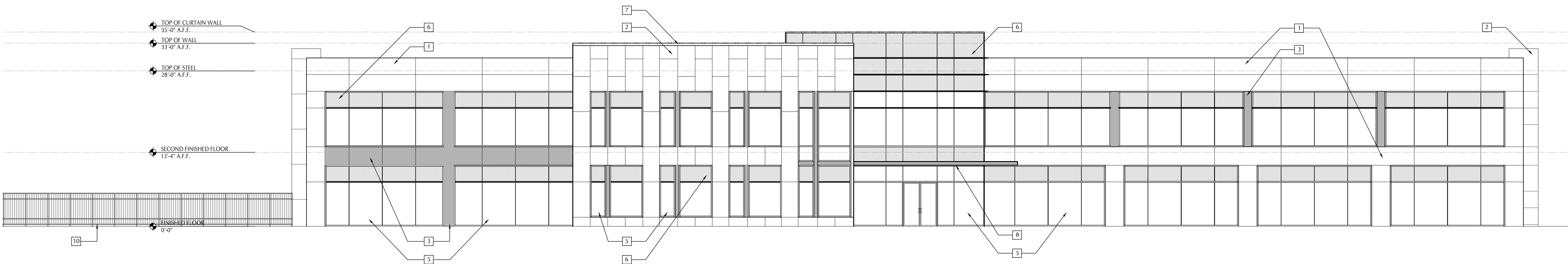
3
3.1
EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



5
3.1
EXTERIOR ELEVATION W/FENCING SHOWN
SCALE: 1/8" = 1'-0"



2
3.1
EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



1
3.1
EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

DUMPSTER PLAN, ELEVATIONS AND DETAILS

REVISIONS:

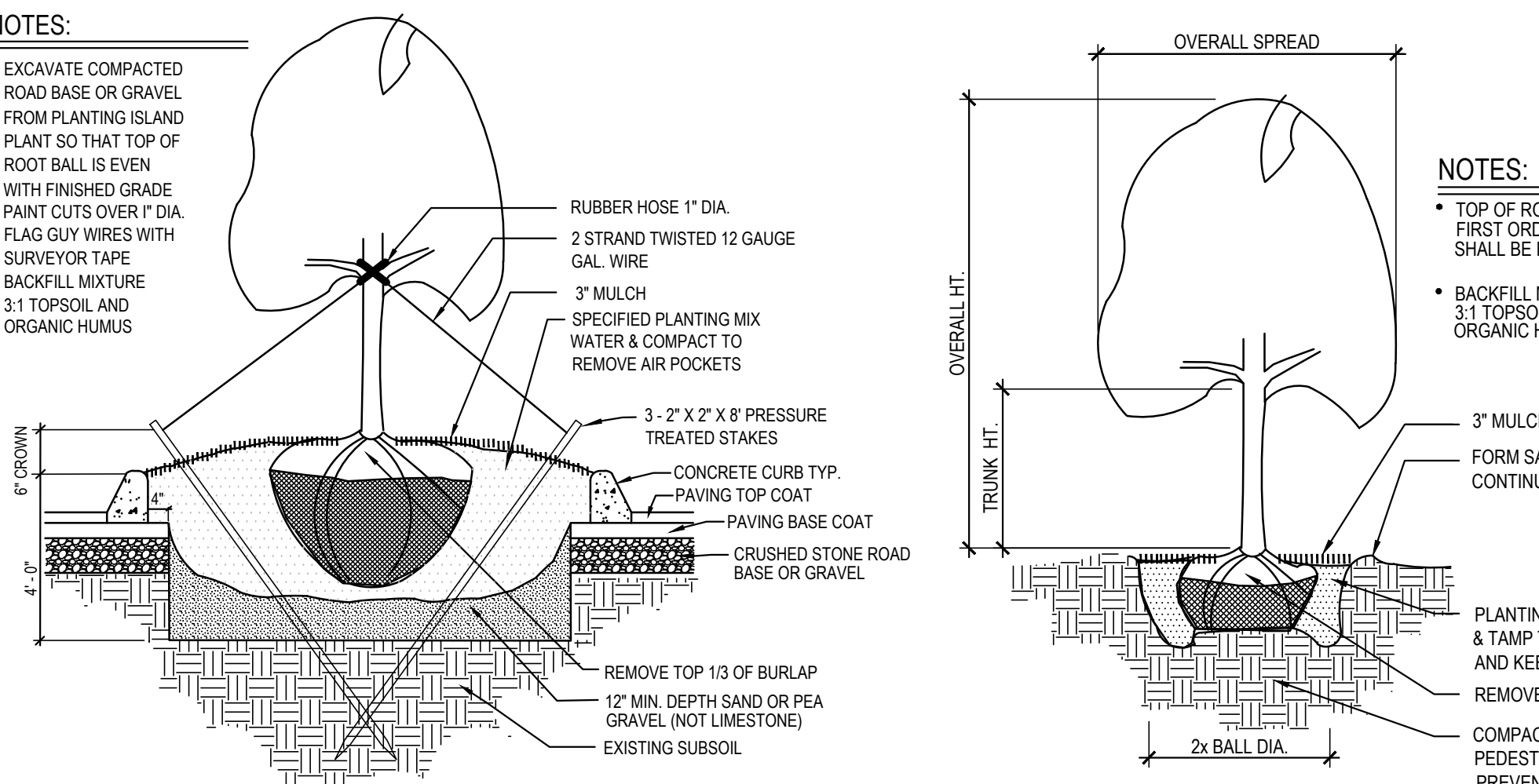
DATE: 6/29/2011
FILE NAME: CPVI 11.dwg
PROJECT NO: 22302



PLOT SCALE: 1" = 1'-0"

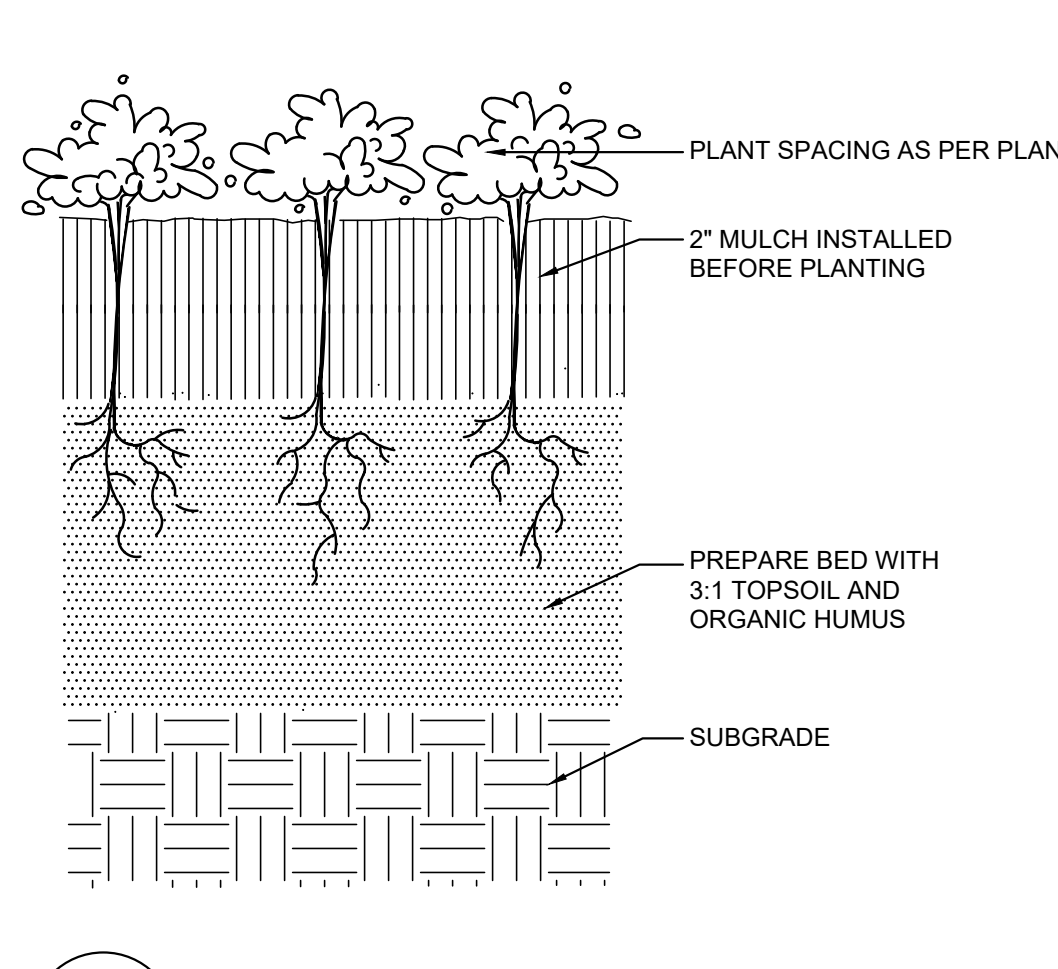
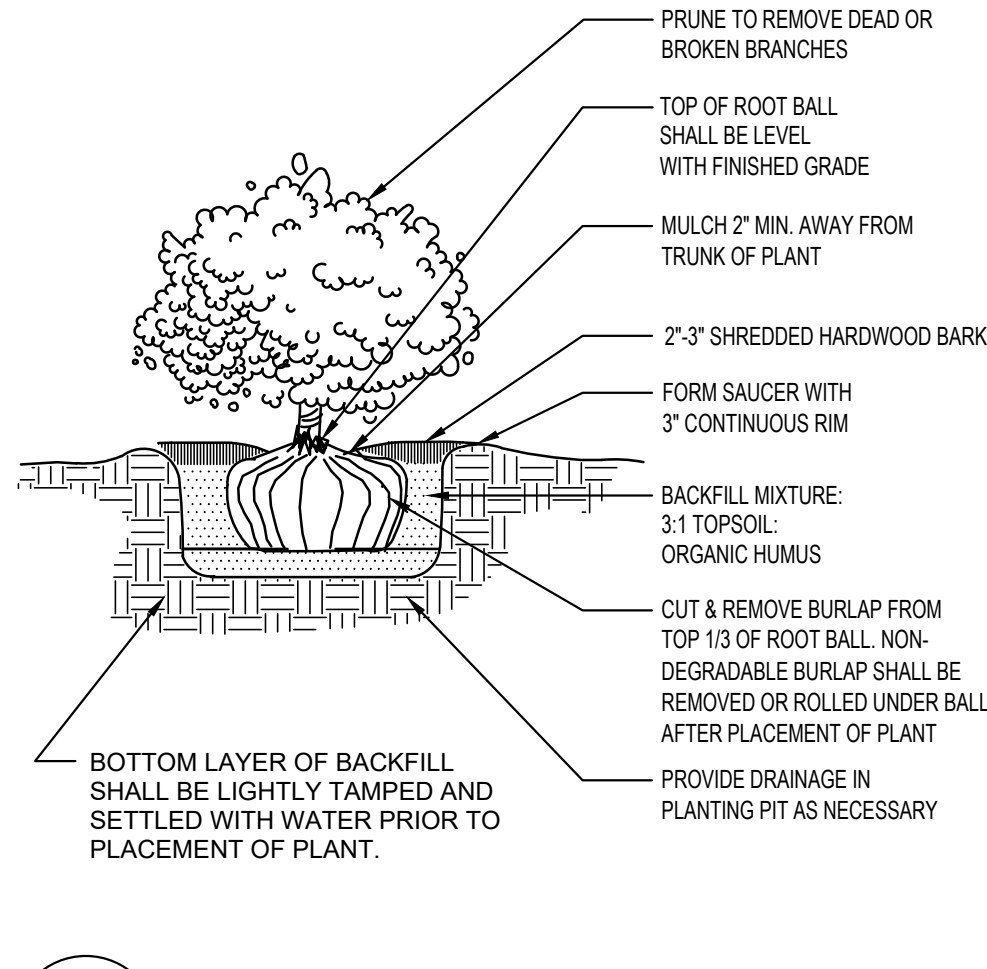
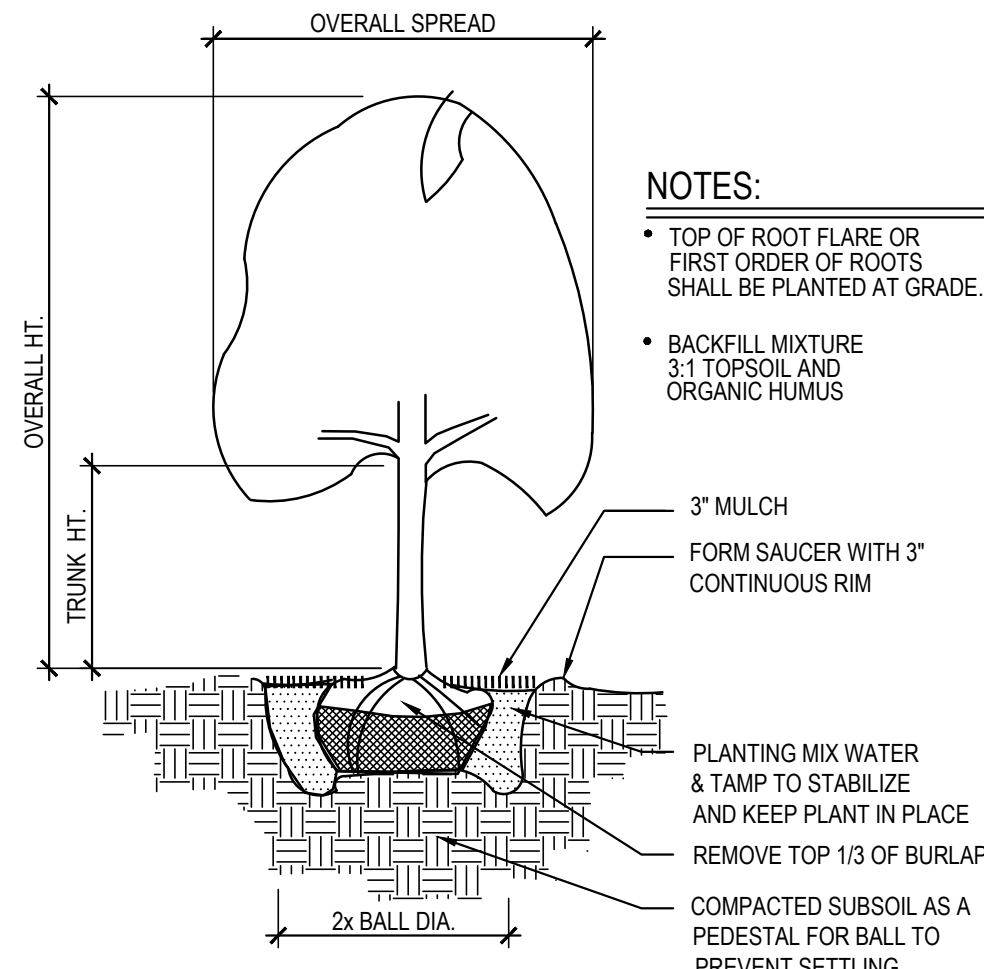
NOTES:

- EXCAVATE COMPACTED ROAD BASE OR GRAVEL FROM PLANTING ISLAND
- PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH FINISHED GRADE
- PAIN CUTS OVER 1" DIA.
- FLAG GUY WIRES WITH SURVEYOR TAPE
- BACKFILL MIXTURE: 3:1 TOPSOIL AND ORGANIC HUMUS



NOTES:

- TOP OF ROOT FLARE OR FIRST ORDER OF ROOTS SHALL BE 75' MIN. AT GRADE
- BACKFILL MIXTURE: 3:1 TOPSOIL AND ORGANIC HUMUS



PLANT LIST

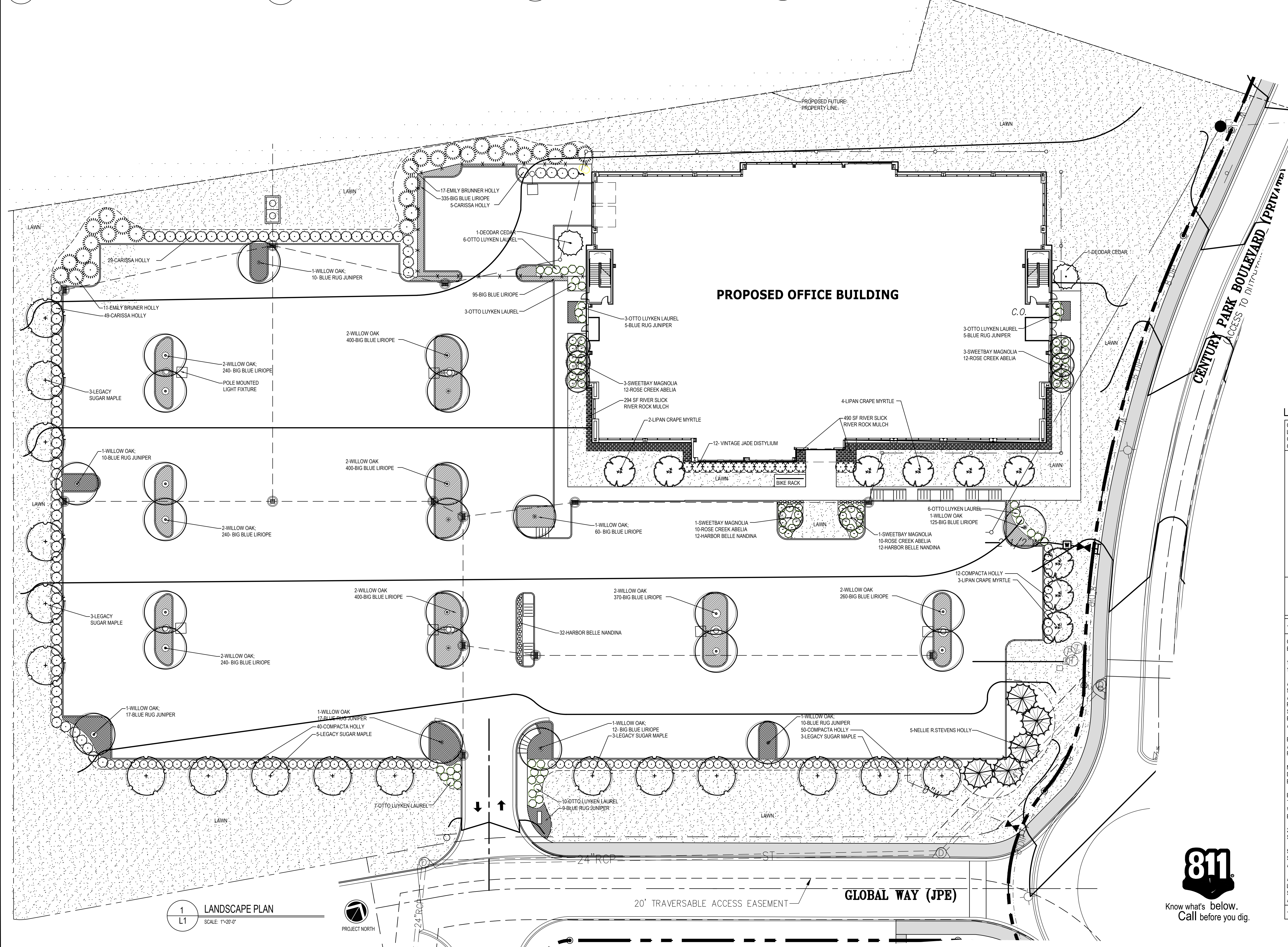
COMMON NAME	BOTANICAL NAME	SPECIFICATION	QUANTITY
TREES			
Willow Oak	<i>Quercus phellos</i>	3" Caliper, B&B	24
Sweetbay Magnolia	<i>Magnolia virginiana</i>	8" Ht., 3 stem, container	8
Lipan Grape Myrtle	<i>Lagerstroemia indica 'Lipan'</i>	8" Ht., 3 stem, container	9
Nellie R. Stevens Holly	<i>Ilex 'Nellie R. Stevens'</i>	8'-10" Ht., full to ground, B&B	5
Emily Bruner Holly	<i>Ilex x Emily Bruner</i>	8'-10" Ht., full to ground, B&B	28
Deodar Cedar	<i>Cedrus deodara 'Shalimar'</i>	8'-10" Ht., full to ground, B&B	2
Legacy Sugar Maple	<i>Acer saccharum 'Legacy'</i>	3" Caliper, B&B	17
SHRUBS			
Compacta Holly	<i>Ilex crenata 'Compacta'</i>	18" Ht. B&B	102
Rosa Creek Abelia	<i>Abelia grandiflora 'Rosa Creek'</i>	3 gallon container	44
Otto Luyken Laurel	<i>Prunus laurocerasus 'Otto Luyken'</i>	24" Ht. B&B	35
Carissa Holly	<i>Ilex cornuta 'Carissa'</i>	18" Ht. B&B	83
Vintage Jade Distylium	<i>Distylium x 'Vintage Jade'</i>	5 gallon container	14
GROUND COVER			
Harbor Belle Nandina	<i>Nandina domestica 'Jaytee' PPH4.668</i>	1 gallon container	56
Big Blue Liriope	<i>Liriope spicata 'Big Blue'</i>	4" pot or flat	2870
Blue Rug Juniper	<i>Juniperus horizontalis 'Wilsoni'</i>	1 gallon container	90
BEDLINE - METAL EDGE: Permatoc Clearline XL commercial grade aluminum edging 8" mill finish or equal.			
RIVER STONE / RIVER SLOTT MULCH: Much areas designated as River Slick / River Rock to be 6" deep. Smooth, round stones to range in size from 6"-10". Use weed deterrent fabric under stone mulch. Contain mulch where it abuts landscape beds with aluminum landscape edging, such as, Permatoc Clearline XL commercial grade aluminum edging 8" mill finish or equal. Store mulch to cover area under roof overhang of building and against foundation, see plan.			

2 L1 PARKING ISLAND - TREE PLANTING DETAIL
SCALE: NOT TO SCALE

3 L1 TREE PLANTING DETAIL
SCALE: NOT TO SCALE

4 L1 SHRUB PLANTING DETAIL
SCALE: NOT TO SCALE

6 L1 GROUNDCOVER PLANTING DETAIL
SCALE: NOT TO SCALE



LANDSCAPE REQUIREMENTS

CITY OF KNOXVILLE LANDSCAPE REQUIREMENTS GENERAL COMMERCIAL OFFICE PARK DISTRICT			
ONE TREE (40' HEIGHT AT MATURITY) PER 5,000 SQUARE FEET OF PARKING. APPROXIMATELY 79,548 SF OF PARKING AREA.	REQUIRED 16 TREES	PROPOSED 24 TREES	
500 SF OF TOTAL SITE LANDSCAPE AREA PER 20,000 SF PARKING AREA. BASED ON 79,548 SF OF PROPOSED PARKING AREA.	1,990 SF	74,918 SF	
OPEN SPACE TREES: ONE TREE PER 5,000 SF OPEN SPACE: 65,181 SF.	13 TREES	17 TREES	
LOADING AND STORAGE AREAS SHALL BE SCREENED WITH EVERGREEN PLANTINGS (5' HEIGHT WITHIN ON YEAR).	SCREENING SHRUBS 18 TREES 11 SHRUBS		
WHERE PARKING AREAS ADJUT STREET ROW - 3 TREES AND 10 SHRUBS PER 100 LINEAR FEET (LF). 128' LF AT CENTURY PARK BLVD. 220' LF AT GLOBAL WAY	3 TREES 10 SHRUBS 2 TREES 20 SHRUBS	11 TREES 14 SHRUBS 8 TREES 12 SHRUBS	
TTTDA LANDSCAPING:			
ONE TREE PER 10 PARKING SPACES BASED ON 240 PARKING SPACES.	24 TREES	24 TREES	
10 TREES PER ACRE OF YARD SPACE: 1.4 ACRES (65,181 SF).	15 TREES	22 TREES	
AREAS AROUND BUILDING EQUAL TO 50% OF THE AREA OF EACH FRONT AND SIDE ELEVATION SHALL BE PLANTED WITH ORNAMENTAL TREES, SHRUBBERY AND BEDDING PLANTS. BASED ON 600 LF OF BUILDING ELEVATION AND 413 LF LANDSCAPE AT BUILDING.	50% AREA	80%	
EVERGREEN HEDGES AND TREES ARE PROVIDED TO SCREEN PARKING FROM PUBLIC RIGHTS OF WAY.		YES	
MECHANICAL EQUIPMENT AND DUMPSTER AREA SCREENED WITH EVERGREEN TREES AND SHRUBS.		19 TREES 14 SHRUBS	
EVERY EFFORT SHOULD BE MADE TO CONSERVE MATURE TREES WITHIN 30' OF THE EXTERIOR BOUNDARY OF THE SITE.		NO EXISTING VEGETATION	
25% OF NEWLY PLANTED TREES SHOULD BE EVERGREEN.	25% EVGRN	27% EVGRN	
5% OF SURFACE PARKING AREA SHALL BE ORNAMENTAL PLANTING AREA. PARKING AREA: 79,548 SF.	5% AREA @ 3,977 SF	13% AREA @ 10,820 SF	
ALL REQUIRED CANOPY TREES LOCATED WITHIN PARKING AREAS SHALL BE PLANTED WITHIN 60' OF ANY PARKING SPACE (FROM TRUNK).		YES	
THERE ARE NO MATURE TREES OR EXISTING VEGETATION.			

REVISIONS:

DATE: 6/13/22
FILE NAME:
PROJECT NO: 223025