

# Rosemary/Columbia Hotel

110 West Rosemary Street

CONDITIONAL ZONING APPLICATION  
CHAPEL HILL, NORTH CAROLINA

## CONTRACT PURCHASER / CLIENT:

SMART OLYMPIA CAROLINA LLC  
20600 CHAGRIN BOULEVARD, SUITE 705  
SHAKER HEIGHTS, OH 44122  
216-533-0500  
CONTACT: ED SMALL

## APPLICANT / CONSULTANT:

LANDSCAPE ARCHITECT / LAND PLANNER:  
CJT, PA  
111 WEST MAIN STREET  
DURHAM, NC 27701  
919-682-0368  
CONTACT: WENDI RAMSDEN

## RESOURCE CONSERVATION NOTES

STREAM BUFFERS:  
THERE ARE NO MAPPED STREAMS ON SITE.

FLOODPLAIN PROTECTION:  
THE SITE IS NOT IN AN AREA AFFECTED BY A MAPPED FLOODPLAIN ACCORDING TO FIRM MAP 3710978800K EFFECTIVE 11-17-17.

STEEP SLOPE PROTECTION:  
THERE ARE 2,173 SF OF STEEP SLOPES ON SITE - ALL ARE CONSTRUCTED (NOT NATURAL) SLOPES

WETLANDS:  
THERE ARE NO MAPPED WETLANDS ONSITE.

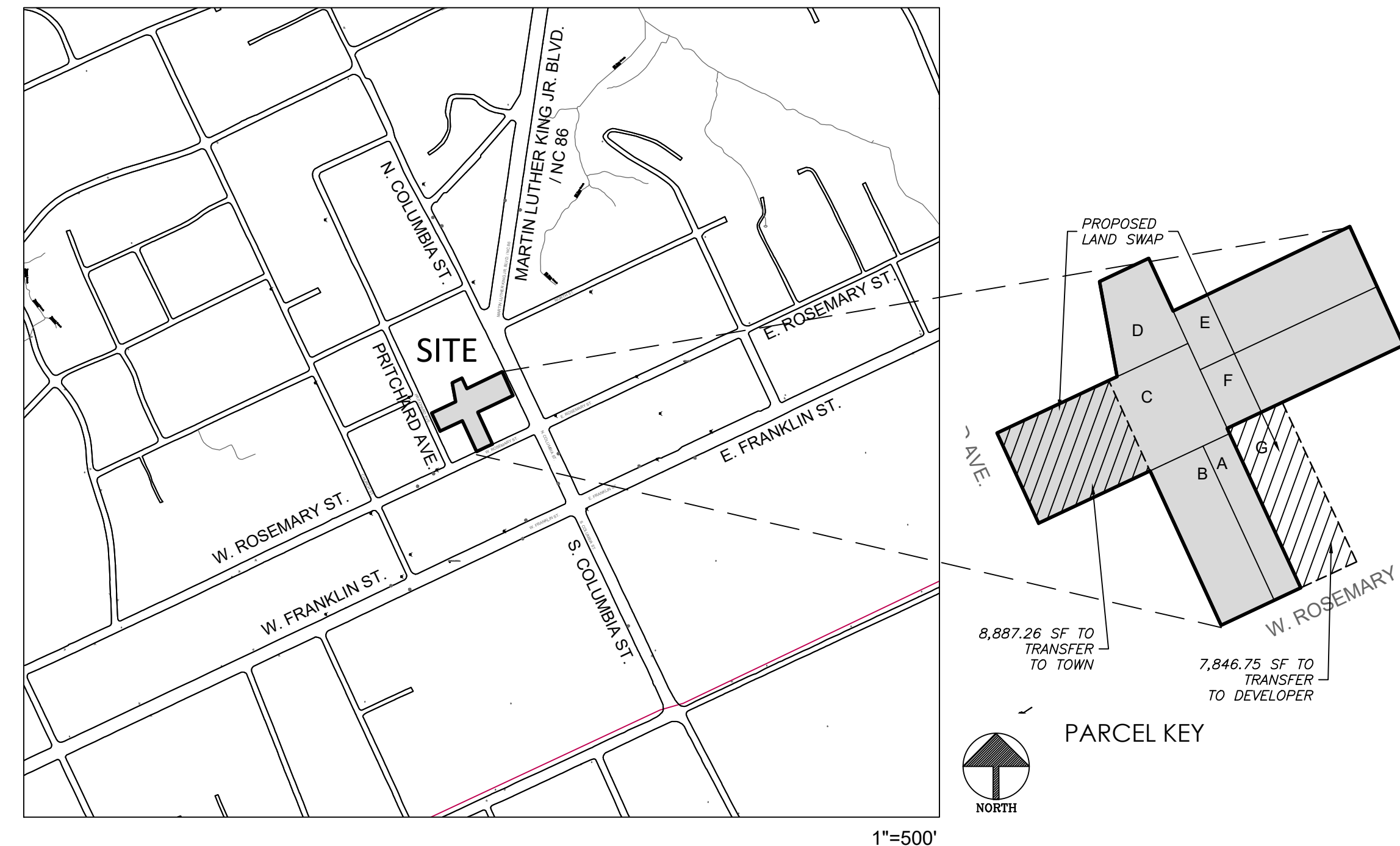
## PROJECT NOTES

BOUNDARY AND TOPOGRAPHIC SURVEY PROVIDED BY BALLANTINE ASSOCIATES, PA  
DATED AUGUST 26, 2019

SURROUNDING SITE AND PROPERTY INFORMATION PER CHAPEL HILL GIS

## TOWN OF CHAPEL HILL NOTES

- A FIRE FLOW REPORT SHALL BE SUBMITTED TO THE TOWN FOR REVIEW AND APPROVAL PRIOR TO ISSUANCE OF A ZCP.
- P.E. CERTIFICATION: PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY FOR ANY PHASE, THE APPLICANT SHALL PROVIDE A CERTIFICATION, SIGNED AND SEALED BY A NORTH CAROLINA-LICENSED PROFESSIONAL ENGINEER, THAT THE STORMWATER MANAGEMENT FACILITY IS CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.
- AS-BUILT PLANS: PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, THE APPLICANT SHALL PROVIDE CERTIFIED AS-BUILT PLANS FOR BUILDING FOOTPRINTS, PARKING LOTS, STREET IMPROVEMENTS, STORM DRAINAGE SYSTEMS AND STORMWATER MANAGEMENT STRUCTURES, AND ALL OTHER IMPERVIOUS SURFACES, AND A TALLY OF THE CONSTRUCTED IMPERVIOUS AREA. THE AS-BUILT PLANS SHOULD BE IN DXF BINARY FORMAT USING STATE PLANE COORDINATES AND NAVD 88.



## PROJECT DATA:

PARCEL A: ADDRESS PIN OWNER ACREAGE ZONING	108 WEST ROSEMARY STREET 9788-37-0680 KW RC PROPERTIES LLC 3,624.9 SF TC-2
PARCEL B: ADDRESS PIN OWNER ACREAGE ZONING	114 WEST ROSEMARY STREET 9788-37-0549 KW RC PROPERTIES LLC 7,249.8 SF TC-2
PARCEL C: ADDRESS PIN OWNER ACREAGE PROPOSED ACREAGE: ZONING	208 PRITCHARD AVENUE 9788-27-9667 KW RC PROPERTIES LLC 15,262.3 SF 8,887.26 SF / 0.204 AC R-3
PARCEL D: ADDRESS PIN OWNER ACREAGE ZONING	N/A (NO STREET FRONTAGE) 9788-27-9700 KW RC PROPERTIES LLC 4,527.3 SF R-3
PARCEL E: ADDRESS PIN OWNER ACREAGE ZONING	205 NORTH COLUMBIA STREET 9788-37-0721 KW RC PROPERTIES LLC 9,320.0 SF OI-1
PARCEL F: ADDRESS PIN OWNER ACREAGE ZONING	205 NORTH COLUMBIA STREET 9788-37-0647 KW RC PROPERTIES LLC 9,166.9 SF TC-2
PARCEL G: ADDRESS PIN OWNER ACREAGE ZONING	110 WEST ROSEMARY STREET 9788-37-0535 TOWN OF CHAPEL HILL 7,846.75 SF TC-2
TOTAL SURVEYED AREA:	56,997.96 SF / 1.31 AC
PARCELS A THRU F UNDER CONTRACT TO DEVELOPER:	49,151.20
PROPOSED POST DEVELOPMENT LAND OWNED BY PROJECT DEVELOPER:	48,110.70 SF / 1.10 AC
LAND USE: EXISTING PROPOSED	VACANT COMMERCIAL, CONVERTED RESIDENCES, ONE SINGLE FAMILY RESIDENTIAL HOTEL
ZONING: PROPOSED	OI REZONE TO TC-2 - CZD R-3 REZONE TO TC-2 - CZD
ALLOWABLE FAR FOR PROPOSED ZONE:	1.97 MAX.
EXISTING BUILDINGS:	- 1,250 SF ONE STORY BRICK BUILDING TO BE REMOVED - 1,689 SF TWO STORY WOOD FRAME HOUSE TO BE REMOVED 2,939 SF TOTAL SQUARE FOOTAGE TO BE REMOVED
PROPOSED BUILDINGS: HOTEL	1,800 SF BUILDING TO REMAIN, TO BE DEEDED TO TOWN (LOCATED ON PARCEL C) +/- 25,300 SF FOOTPRINT (+/- 88,000 SF TOTAL) 125-140 ROOMS
BUILDING HEIGHT:	5 STORIES PLUS LOWER LEVEL ACCESSED FROM NORTH DRIVEWAY
VEHICULAR PARKING:	REQUIRED N/A (TOWN CENTER DISTRICT) MAXIMUM 126 (0.9 PER LODGING UNIT - 140 X 0.9 = 126) PROPOSED APPROX 70 SPACES ON-SITE
BICYCLE PARKING:	REQUIRED 9 (1 PER 15 LODGING UNITS 140 / 15 = 9) PROPOSED 10 SPACES (5 LOOPS) 4 LOOPS IN PROTECTED PARKING DECK, 1 LOOP AT LOBBY ENTRY
PROJECT AREA:	74,134 SF / 1.70 AC INCLUDES TOWN LAND TO BE DEVELOPED
LOCATION	TOTAL AREA NET AREA
PROJECT AREA	74,134 SF
FINAL HOTEL SITE	48,111 SF
POCKET PARK PARCEL	8,180 SF
DISTURBANCE	62,350 SF
PRE-DEV IMPERVIOUS	50,164 SF
POST-DEV IMPERVIOUS	53,727 SF
	47,440 SF
	26,114 SF
	39,249 SF
	7,966 SF
	5,184 SF
	5,054 SF

## LIST OF SHEETS:

CZ-0.0	COVER SHEET
CZ-0.1	AREA MAP
CZ-1.0	EXISTING CONDITIONS PLAN
CZ-1.1	NOTES
CZ-1.2	CONSTRUCTION MANAGEMENT PLAN
CZ-1.3	LANDSCAPE PROTECTION PLAN
CZ-2.0	SITE PLAN
CZ-3.0	GRADING & STORMWATER PLAN
CZ-5.0	UTILITY PLAN
CZ-6.0	LIGHTING PLAN
CZ-7.0	LANDSCAPE PLAN
CZ-8.0	SITE DETAILS
AS101	EXTERIOR ELEVATIONS AND BUILDING ENVELOPE
AS102	EXTERIOR ELEVATIONS AND BUILDING ENVELOPE
AS103	EXTERIOR ELEVATIONS AND BUILDING ENVELOPE



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NC BOARD OF EXAMINERS FOR ENGINEERS AND SURVEYORS  
LIC # C-1209

NC BOARD OF LANDSCAPE ARCHITECTS  
LIC # C-104

## Project:

Rosemary/  
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110 W. Rosemary St.  
Orange County,  
North Carolina

PIN:  
9788-37-0680  
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9788-27-9667  
9788-27-9700  
9788-37-0721  
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PRELIMINARY-DO NOT  
USE FOR CONSTRUCTION

Job Number: 1963

Drawn	WLR, MTC
Checked	WLR
Date	9-24-2020
Revisions	TOWN REVIEW REVISIONS 3-3-2021 TOWN REVIEW REVISIONS 4-28-2021

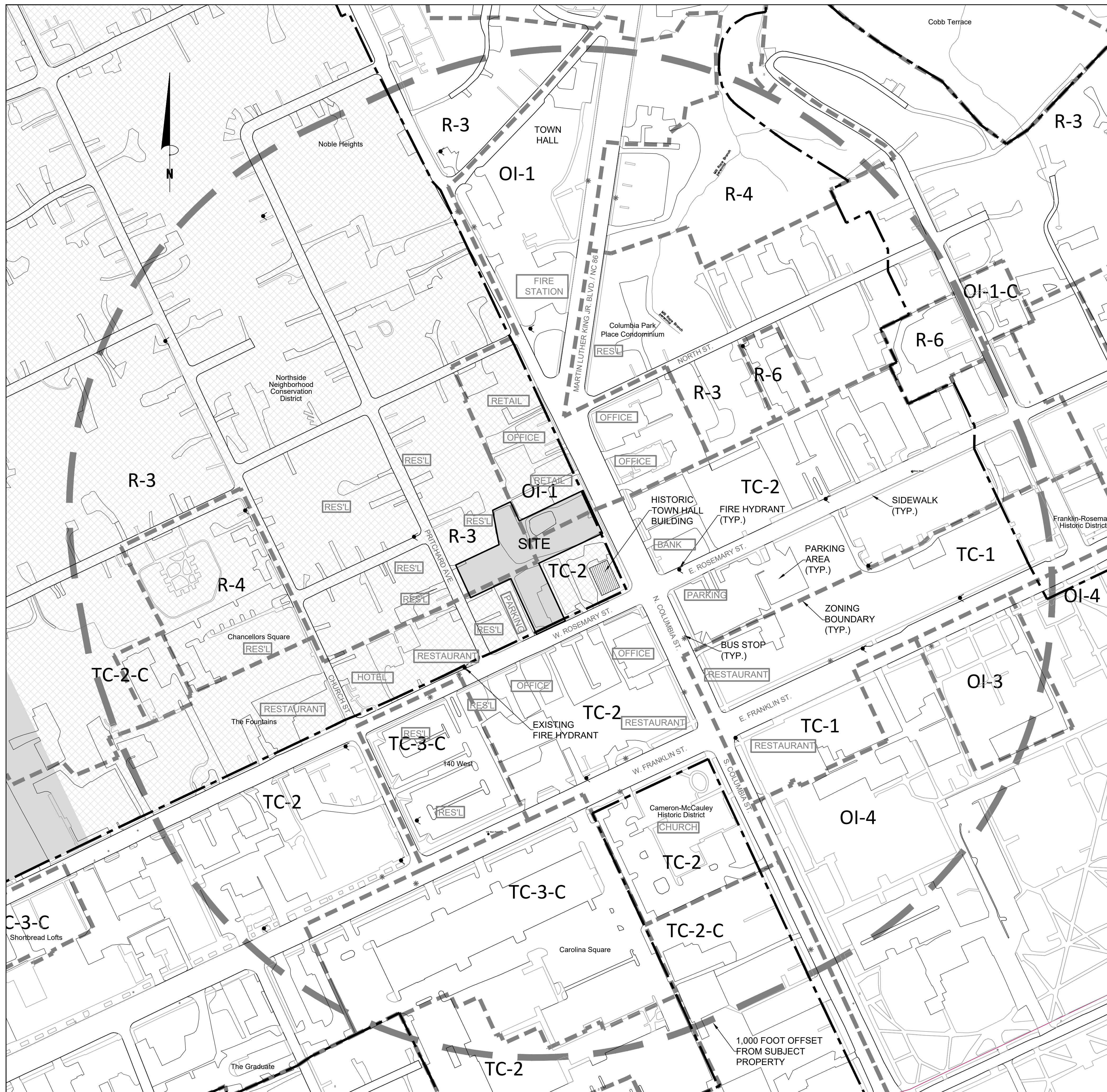
Conditional zoning

Sheet Title:

COVER  
SHEET

Sheet Number

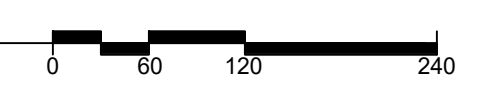
CZ-0.0



LEGEND

FIRE HYDRANT	
ZONING BOUNDARY	
EXISTING ZONING	
NCD BOUNDARY	
NORTHSIDE NEIGHBORHOOD	
LAND USE	

1  
CZ-0.1 AREA MAP  
1" = 120'-0"



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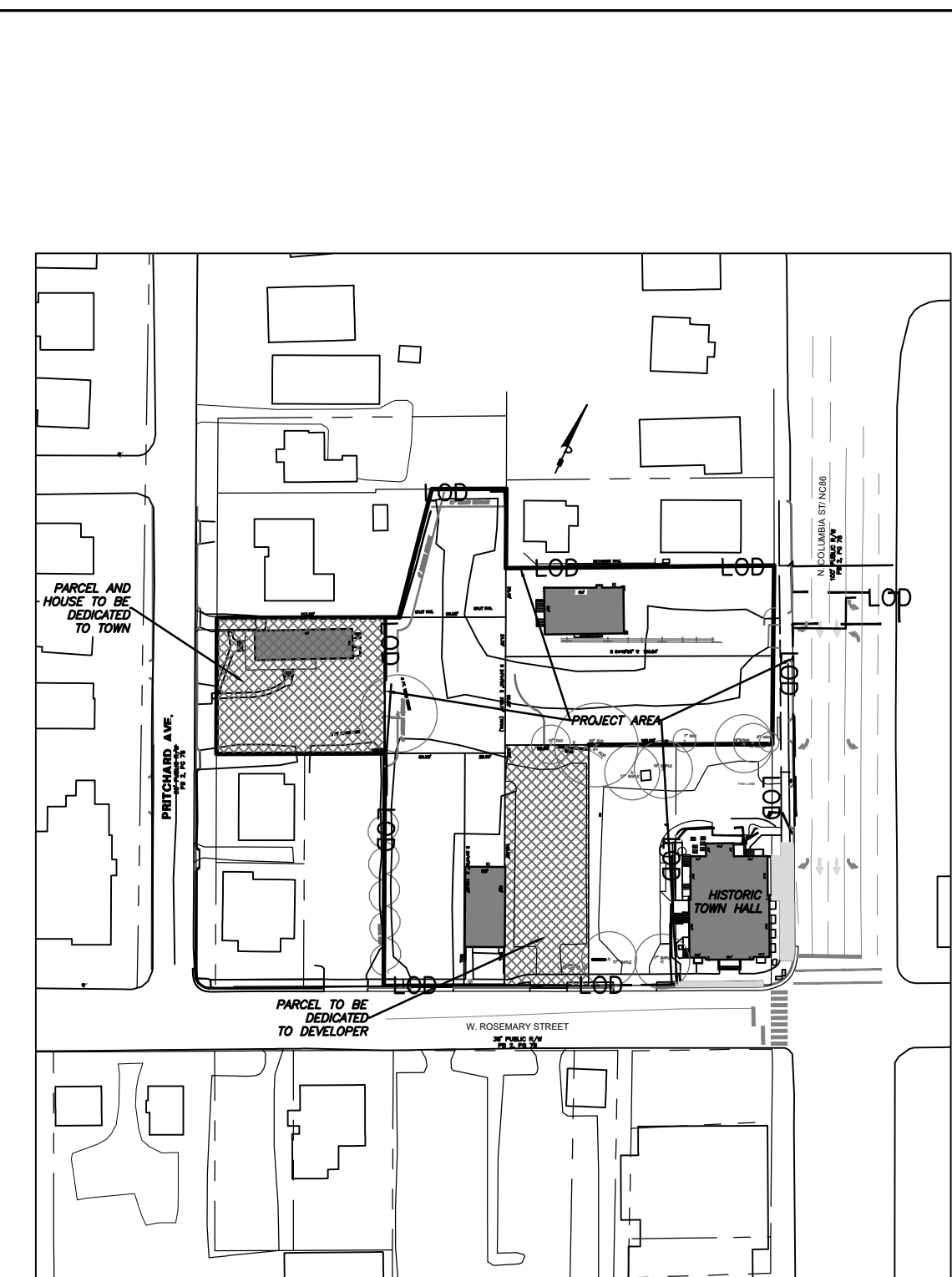
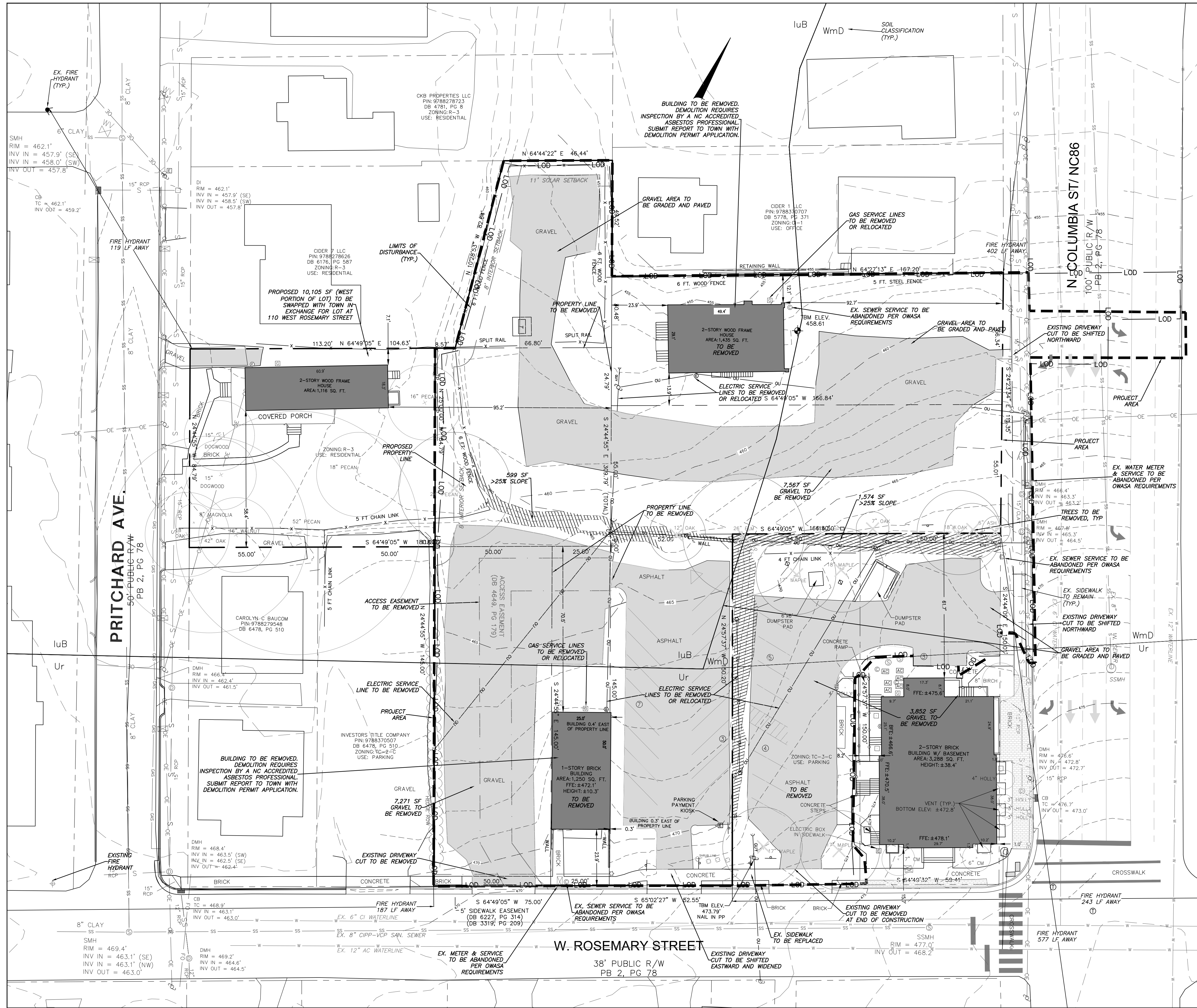
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Conditional zoning

Sheet Title:

**AREA MAP**

Sheet Number  
**CZ-0.1**



**2 PROJECT AREA**  
 CZ-1.0 1" = 100'

**PROJECT DATA:**

TOTAL PROJECT AREA:	62,706 SF / 1.44 AC
AREA OVER 25% SLOPE:	2,173 SF / 0.050 AC
AREA 15-25% SLOPE:	0 SF
AREA UNDER 15% SLOPE:	60,533 SF

NOTE: STEEP SLOPES ON SITE ARE MAN MADE AND WERE CREATED DURING INITIAL PARKING LOT CONSTRUCTION

**LEGEND**

Water Valve	
Yard Inlet	
Curb Inlet/Catch Basin	
Mail Box	
Traffic Signal Box	
Electric Transformer	
Electric Junction Box	
Gas Meter	
Sanitary Sewer Manhole	
Storm Sewer Manhole	
Telephone Manhole	
Electric Manhole	
Sign	
Telephone Pedestal	
Fire Hydrant	
Fire Department Connection	
Post Indicator Valve	
Water Manhole	
Water Meter	
Hot Box	
Utility Pole	
Guy Wire	
Light Pole	
Sewer Cleanout	
Flared End Section	
Gas Valve	
Existing Iron Pipe (3/4" unless noted)	
1/2" Rebar	
1/2" Iron Pipe Set	
Existing PK Nail	
PK Nail Set	
Computed Point	
Concrete Monument	
Tree Line	
Fence	
Underground Electric	
Underground Telephone	
Gas Line	
Water Line	
Overhead Utilities	
Storm Sewer	
Sanitary Sewer	
Guard Rail	

**CJT P.A.**

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Conditional zoning

Sheet Title:  
**EXISTING CONDITIONS**

Sheet Number  
**CZ-1.0**

**1 EXISTING CONDITIONS**  
 CZ-1.0 1" = 20'

ADA route notes apply to all sheets

FOR ALL SIDEWALKS THE FOLLOWING APPLIES:

- 1. SIDEWALK SLOPES TO BE A MAXIMUM 4.8%.
2. SIDEWALK CROSS SLOPES TO BE A MAXIMUM 1.8%.
3. MINIMUM 1' SHOULDER AT MAXIMUM 2% SLOPE ADJACENT TO ADA PAVED ROUTES UNLESS A HANDRAIL IS CALLED OUT.
4. ADA PARKING TO BE A MAXIMUM 1.8% SLOPE IN ANY DIRECTION

FOR ENTIRE AREA - PARKING SPACES AND AISLES.

- 5. ALL DOORS EXITING THE BUILDING REQUIRE AN ADA ACCESSIBLE COMPLIANT ROUTE TO A PUBLIC WAY.
6. PARKING - NUMBER OF SPACES TO COMPLY WITH NCBC 2012 SECTION 1106.1.1 PER 6 COMPLIANT SPACES OR PORTION THEREOF MUST BE VAN ACCESSIBLE, NO SLOPE TO EXCEED 2% IN ANY DIRECTION. SIGNAGE PER NC REQUIREMENTS, MUT-CD AND ICC A 117.1.
7. CURB CUTS AND ACCESSIBLE ROUTES PER ICC A117.1 2009 ED. CROSS SLOPE LIMITED TO 2%, CALL FOR INSPECTION BEFORE PLACEMENT OF CONCRETE.
8. SLOPE GREATER THAN 5% REQUIRES CONSTRUCTION AS A RAMP.

1 GENERAL NOTES
CZ-1.1

- 1. ENSURE ALL EROSION CONTROL MEASURES ARE IN PLACE AND IN WORKING ORDER PRIOR TO THE START OF ANY DEMOLITION AND CONSTRUCTION.
2. SEE SITE PLAN SHEET CZ-2.1 FOR LAYOUT DIMENSIONS OF EXTENT OF DEMOLISHED AREAS. PAVED AREAS NOT INDICATED TO BE DEMOLISHED, ARE TO REMAIN. ALL CONCRETE SAW CUTS ARE TO BE CLEAN, STRAIGHT AND NEAT.
3. UTILITIES: SEE UTILITY PLAN CZ-5.0. CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES FOR LOCATION, REMOVAL AND RELOCATION OF ANY UTILITIES. CONTRACTOR RESPONSIBLE FOR DETERMINING EXTENT AND LOCATION OF UTILITIES. THIS MAY INCLUDE CONTACTING "NO-CUTS" TO HELP LOCATE SOME UTILITIES.
4. CONTRACTOR TO ADJUST ALL MANHOLES, VALVES, JUNCTION BOXES, CATCH BASINS, CLEAN-OUTS, ETC., AS NECESSARY TO ACCOMMODATE NEW LAYOUT AND GRADES.
5. CONTRACTOR RESPONSIBLE FOR OBTAINING ANY PERMITS FOR WORK IN THE NCDOT AND TOWN OF CHAPEL HILL RIGHTS OF WAY. ANY DAMAGED INFRASTRUCTURE IN THE RIGHT OF WAY CAUSED BY CONSTRUCTION ACTIVITIES MUST BE REPAIRED TO TOWN OF CHAPEL HILL STANDARDS. THIS INCLUDES, BUT IS NOT LIMITED TO UTILITIES, SIDEWALKS, CURB AND GUTTER, ASPHALT.
6. CONTRACTOR RESPONSIBLE FOR REMOVING EVERYTHING WITHIN THE CLEARING LIMITS AND OFF-SITE WORK ZONE INCLUDING TREES, STUMPS, TRASH, FENCING, OR BUILDING MATERIALS.
7. CONTRACTOR TO USE CAUTION WORKING AROUND AND NEAR EXISTING STORM, WATER AND SEWER. CONTRACTOR RESPONSIBLE FOR DAMAGE TO EXISTING UTILITIES.
8. ABANDONMENT OF WATER SERVICES SHALL INCLUDE EXCAVATING DOWN TO CORPORATION, TURNING IT OFF AND CUTTING SERVICE LINE FREE FROM CORPORATION. THE METER, IF PRESENT, SHALL BE RETURNED TO OWASA.
9. ABANDONMENT OF SANITARY SEWER SERVICE LINES SHALL CONSIST OF PLUGGING THE LATERAL AT THE RIGHT-OF-WAY LINE.
10. ALL PAVEMENT PATCHING SHALL BE PERFORMED PER TOWN SPECIFICATIONS AND STANDARDS.

2 DEMOLITION NOTES
CZ-1.1

- 1. ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED.
2. DIMENSIONS TO BUILDING WALL ARE TO FACE OF WALL AT FINISH GRADE. DIMENSIONS TO CURB ARE TO FACE OF CURB.
3. LAY OUT IMPROVEMENTS FOR THE CIVIL ENGINEER'S OR LANDSCAPE ARCHITECT'S REVIEW PRIOR TO BEGINNING CONSTRUCTION.
4. REFERENCE ARCHITECTURAL DRAWINGS FOR BUILDING LAYOUT INFORMATION.
5. ADA PARKING SPACES SHALL BE SIGNED WITH TYPE R7-8 OR R7-8A RESERVED PARKING SIGN AND R7-8D MAXIMUM FINE SIGN PER GS 20-37.6 OF THE NORTH CAROLINA HANDICAP CODE. ADA RAMPS SHALL HAVE RAMP SURFACES COVERED WITH DETECTABLE WARNING PATTERN PER ADA STANDARDS.
6. REFERENCE EXISTING CONDITION SHEET CZ-1.0 FOR EXTENT OF DEMOLITION AND REMOVAL OF CURB AND GUTTER, DRIVEWAYS, PAVEMENT, BOLLARDS, WALKWAYS, UTILITIES, AND VEGETATION.
7. BY ORANGE COUNTY ORDINANCE, CLEAN WOOD WASTE, SCRAP METAL AND CORRUGATED CARDBOARD, ALL PRESENT IN CONSTRUCTION WASTE, MUST BE RECYCLED.
8. BY ORANGE COUNTY ORDINANCE, ALL HAULERS OF CONSTRUCTION WASTE MUST BE PROPERLY LICENSED.

3 SITE PLAN NOTES
CZ-1.1

- 11. A DECONSTRUCTION ASSESSMENT MUST BE CONDUCTED BY OCSW STAFF PRIOR TO THE APPROVAL OF THE DEMOLITION PERMIT FOR THE EXISTING STRUCTURES. CONTACT OCSW ENFORCEMENT STAFF AT 919-968-2788 TO REQUEST THE ASSESSMENT. BUILDINGS TO BE DEMOLISHED MUST BE INSPECTED BY A NC ACCREDITED ASBESTOS PROFESSIONAL. SUBMIT REPORT WITH DEMOLITION PERMIT APPLICATION.
12. A SEPARATE DEMOLITION PERMIT IS REQUIRED FOR EACH BUILDING.
13. BY ORANGE COUNTY ORDINANCE, CLEAN WOOD WASTE, SCRAP METAL AND CORRUGATED CARDBOARD, ALL PRESENT IN CONSTRUCTION WASTE, MUST BE RECYCLED.
14. BY ORANGE COUNTY ORDINANCE, ALL HAULERS OF CONSTRUCTION WASTE MUST BE PROPERLY LICENSED.
15. PRIOR TO ANY DEMOLITION OR CONSTRUCTION ACTIVITY ON THE SITE THE APPLICANT WILL HOLD A PRE-DEMOLITION/PRE-CONSTRUCTION CONFERENCE WITH THE COUNTY'S SOLID WASTE STAFF. THIS MAY BE THE SAME MEETING HELD WITH OTHER DEVELOPMENT OFFICIALS.
16. THE PRESENCE OF ANY ASBESTOS CONTAINING MATERIAL (ACM) OR OTHER HAZARDOUS MATERIALS IN CONSTRUCTION AND DEMOLITION WASTE SHALL BE HANDLED IN ACCORDANCE WITH ANY AND ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND GUIDELINES.
17. ANY INVASIVE, EXOTIC PLANT MATERIAL WILL BE REMOVED. A SURVEY OF EXISTING THE LANDSCAPE BUFFERS TO REMAIN WILL BE CONDUCTED FOLLOWING INITIAL CLEARING, AND ANY INVASIVE OR EXOTIC SPECIES FOUND WILL BE REMOVED.
17. DEMOLITION PERMIT REQUIRED TO REMOVE 5,200 SF STORE.
18. ASBESTOS ABATEMENT REPORT REQUIRED BEFORE DEMOLITION PERMIT MAY BE ISSUED.
19. A PERMIT FROM THE CHAPEL HILL FIRE MARSHAL'S OFFICE IS REQUIRED TO REMOVE ANY FLAMMABLE / COMBUSTIBLE LIQUIDS FROM UNDERGROUND OR ABOVE-GROUND TANKS OTHER THAN BY THE ON-SITE PUMPS. 2018 NC FIRE CODE SECTION 105.6.17 #5.
20. A PERMIT FROM THE CHAPEL HILL FIRE MARSHAL'S OFFICE IS REQUIRED TO REMOVE ANY UNDERGROUND OR ABOVE-GROUND TANKS THAT CONTAINED FLAMMABLE / COMBUSTIBLE LIQUIDS. 2018 NC FIRE CODE SECTION 105.6.17 #7.
21. TREE PROTECTION SEMINAR TO BE COMPLETED BY CONTRACTOR PRIOR TO TREE PROTECTION FENCE INSTALLATION. PLEASE CALL ADAM NICHOLSON AT 919-969-5006

- 9. PRIOR TO ANY DEMOLITION OR CONSTRUCTION ACTIVITY ON THE SITE THE APPLICANT WILL HOLD A PRE-DEMOLITION/PRE-CONSTRUCTION CONFERENCE WITH THE COUNTY'S SOLID WASTE STAFF. THIS MAY BE THE SAME MEETING HELD WITH OTHER DEVELOPMENT OFFICIALS.
10. THE PRESENCE OF ANY ASBESTOS CONTAINING MATERIAL (ACM) OR OTHER HAZARDOUS MATERIALS IN CONSTRUCTION AND DEMOLITION WASTE SHALL BE HANDLED IN ACCORDANCE WITH ANY AND ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND GUIDELINES.
11. MASONRY WALLS WILL NOT BE REPAIRED BY THE TOWN RESULTING FROM MAINTENANCE ON TOWN OF CHAPEL HILL AND OWASA MAINTAINED UTILITIES.
12. KEY BOXES FOR FIRST RESPONDERS WILL BE REQUIRED NEAR THE FRONT DOOR AND SPRINKLER RISER ROOM AREAS. 2012 NC FIRE CODE, SECTION 506.
13. MECHANICAL EQUIPMENT MUST BE PLACED AT OR ABOVE BASE FLOOD ELEVATION + 2 FEET.
14. PRIOR TO PERFORMING WORK IN THE NCDOT R/W, THE APPLICANT WILL NEED TO OBTAIN THE FOLLOWING:
(1) APPROVED NCDOT DRIVEWAY PERMITS FOR PROPOSED ACCESSES TO NC 86.
(2) APPROVED NCDOT THREE-PARTY ENCROACHMENT AGREEMENT WITH TOCH FOR PROPOSED / STIPULATED SIDEWALK AND APPURTENANCES.
(3) APPROVED NCDOT THREE-PARTY ENCROACHMENT AGREEMENT WITH OWASA FOR PROPOSED WATER AND SEWER CONNECTIONS.
15. PRIOR TO ISSUANCE OF THE DRIVEWAY PERMITS AND ENCROACHMENT AGREEMENTS, THE APPLICANT WILL NEED TO PROVIDE COMPLETE AND DETAILED DESIGN PLANS PER NCDOT, TOCH, AND OWASA REQUIREMENTS FOR REVIEW AND APPROVAL.

4 EROSION CONTROL NOTES
CZ-1.1

- 1. LANDSCAPING MUST BE IN PLACE PRIOR TO REQUEST FOR A CERTIFICATE OF OCCUPANCY OR CERTIFICATE OF COMPLIANCE.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, DEPTHS, QUANTITIES, DISTANCES, ANGLES AND SLOPES PRIOR TO ORDERING MATERIALS OR INSTALLING PROJECT.
3. IN AREAS OF GROUND COVER, MAINTAIN A 12" MINIMUM DISTANCE BETWEEN PLANTS AND HARD IMPROVEMENTS.
4. BED LINES SHALL CONFORM TO CONFIGURATION SHOWN ON THE PLANS. BED LINES SHALL MEET CURBS, WALKS, BUILDINGS, ETC. AT RIGHT ANGLES UNLESS SHOWN OTHERWISE.
5. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE THEMSELV WITH ACTUAL CONDITIONS AND VERIFY EXISTING CONDITIONS IN THE FIELD. CONTRACTOR SHALL REPORT ALL DISCREPANCIES TO LANDSCAPE ARCHITECT.
6. CONTRACTOR SHALL ACCEPT ACTUAL CONDITIONS AT SITE AND PERFORM THE WORK SPECIFIED INCLUDING FINE GRADING AND INCORPORATION OF TOP SOIL INTO PLANTING AREAS, WITHOUT ADDITIONAL COMPENSATION FOR POSSIBLE VARIATION FROM GRADES AND CONDITIONS SHOWN, WHETHER SURFACE OR SUBSURFACE, EXCEPT AS PROVIDED FOR IN CONTRACT DOCUMENTS.
7. IN LAWN AREAS, 2" TOPSOIL SHALL BE TILLED INTO THE TOP 5" OF GROUND PRIOR TO SEEDING.
8. CONTRACTOR WILL OBTAIN WRITTEN APPROVAL FROM LANDSCAPE ARCHITECT FOR ANY PLANT SUBSTITUTIONS OF SPECIES, SIZE, OR TYPE OF CONTAINER.
9. CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF THESE UTILITIES DURING INSTALLATION, AND SHALL PROMPTLY REPAIR AND RESTORE SERVICES AT NO ADDITIONAL COST TO THE OWNER IF DAMAGE OCCURS DURING INSTALLATION. CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH THE FULL SET OF CONSTRUCTION DRAWINGS AND SPECIFICATIONS FOR COORDINATION WITH UTILITIES, ARCHITECTURAL FEATURES, ETC.
10. CONTRACTOR WILL LEAVE DISTURBED AREAS LEVEL AND RAKED SMOOTH, REMOVING ALL ROCKS AND DEBRIS.
11. MULCH IS TO BE A 3" LAYER OF TRIPLE SHREDDED HARDWOOD MULCH. MULCH IS TO BE KEPT AWAY FROM TREE TRUNKS.
12. ANY DAMAGE TO EXISTING CONDITIONS OUTSIDE THE CONTRACT LIMITS, INCLUDING CURBS, SIDEWALKS, TURF AREAS AND PAVING, SHALL BE RESTORED TO ORIGINAL CONDITION BY THE CONTRACTOR WITHOUT EXTRA COST TO THE OWNER.
13. IN CASE OF DISCREPANCY BETWEEN THE QUANTITY OF PLANTS ON THE PLANS COMPARED TO THE PLANT LIST, THE CONTRACTOR SHALL SUPPLY QUANTITIES AS SHOWN ON THE PLANS.
14. ALL UNPAVED SURFACES ARE TO BE COVERED IN PLANTS, MULCH, OR GRASS.
15. LINE OF SIGHT NOTE: NO PROPOSED LANDSCAPING WITHIN THE LINE OF SIGHT EASEMENT SHALL EXCEED 24" AT MATURITY. ANY NEW TREES SHALL BE LIMBED TO 7' ABOVE FINISHED GRADE.
16. ANY INVASIVE, EXOTIC PLANT MATERIAL WILL BE REMOVED. A SURVEY OF EXISTING THE LANDSCAPE BUFFERS TO REMAIN WILL BE CONDUCTED FOLLOWING INITIAL CLEARING, AND ANY INVASIVE OR EXOTIC SPECIES FOUND WILL BE REMOVED.
17. THE AREA WITHIN THE SIGHT TRIANGLE AREA SHALL BE THINNED OF ALL SHRUBS, UNDERSTORY TREES UNDER 1" IN CALIPER, VINES, AND DEAD PLANT MATERIAL. EXISTING TREES LARGER THAN 1" SHALL BE LIMBED UP TO 7' ABOVE EXISTING GRADE TO IMPROVE VISIBILITY.

5 LANDSCAPE NOTES
CZ-1.1

- 1. WRITTEN OWASA APPROVAL IS REQUIRED FOR INSTALLATION OF ANY BACKFLOW PREVENTERS, GREASE TRAPS, OIL/WATER SEPARATORS, WATER METERS, ELEVATOR SUMP PUMPS.

6 UTILITY NOTES
CZ-1.1

- 1. NCFPC SECTION 510. EMERGENCY RESPONDER RADIO COVERAGE IN NEW BUILDINGS: ALL NEW BUILDINGS SHALL HAVE APPROVED RADIO COVERAGE FOR EMERGENCY RESPONDERS WITHIN THE BUILDING BASED UPON THE EXISTING COVERAGE LEVELS OF THE PUBLIC SAFETY COMMUNICATION SYSTEMS OF THE JURISDICTION AT THE EXTERIOR OF THE BUILDING. THIS SECTION SHALL NOT REQUIRE IMPROVEMENT OF THE EXISTING PUBLIC SAFETY COMMUNICATION SYSTEMS.
2. FIRE WATCH: DURING CONSTRUCTION AND DEMOLITION WHERE HOT WORK, MATERIALS SUBJECT TO SPONTANEOUS COMBUSTION, OR OTHER HAZARDOUS CONSTRUCTION OR DEMOLITION IS OCCURRING, THE OWNER OR THEIR DESIGNEE SHALL BE RESPONSIBLE FOR MAINTAINING A FIRE WATCH. THE FIRE WATCH SHALL CONSIST OF AT LEAST ONE PERSON WITH A MEANS OF COMMUNICATING AN ALARM TO 911. SHALL HAVE A WRITTEN ADDRESS POSTED IN A CONSPICUOUS LOCATION, AND SHALL MAINTAIN CONSTANT PATROLS. 2018 NCFPC SECTION 3304.5
3. CONSTRUCTION/DEMOLITION; ALL CONSTRUCTION AND DEMOLITION CONDUCTED SHALL BE IN COMPLIANCE OF THE CURRENT EDITION OF THE NC FIRE CODE. 2018 NCFPC CHAPTER 33
4. FIRE DEPARTMENT CONNECTIONS; INSTALLATION: A WORKING SPACE OF NOT LESS THAN 36" IN WIDTH AND DEPTH AND A WORKING SPACE OF 78" IN HEIGHT SHALL BE PROVIDED ON ALL SIDES WITH THE EXCEPTION OF WALL MOUNTED FDOS UNLESS OTHERWISE APPROVED BY THE FIRE CODE OFFICIAL. THE FDOS WHERE REQUIRED MUST BE PHYSICALLY PROTECTED BY AN APPROVED BARRIER FROM IMPACTS. 2018 NCFPC SECTION 912
5. FIRE PROTECTION AND UTILITY PLAN; SHALL INCLUDE THE FIRE FLOW REPORT; FOR A HYDRANT WITHIN 500' OF EACH BUILDING, PROVIDE THE CALCULATED GALLONS PER MINUTE OF WITH A RESIDUAL PRESSURE OF 20 POUNDS PER SQUARE INCH. THE CALCULATIONS SHOULD BE SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NC AND ACCOMPANIED BY A WATER SUPPLY FLOW TEST CONDUCTED WITHIN ONE YEAR OF THE SUBMITTAL. REFERENCE TOWN DESIGN MANUAL FOR REQUIRED GALLONS PER MINUTE.
6. AUTOMATIC FIRE SPRINKLER SYSTEM REQUIRED: AN AUTOMATIC FIRE SPRINKLER SYSTEM MEETING THE REQUIREMENTS OF NFPA STANDARD #13 IS REQUIRED TO BE INSTALLED IN NON-RESIDENTIAL CONSTRUCTION, AS FOLLOWS.
(1) IN NEW NON-RESIDENTIAL STRUCTURES IF:
I. THE BUILDING HAS MORE THAN 6,000 SQUARE FEET OF FLOOR AREA;
II. TWENTY (20) PER CENT OR MORE OF THE TOTAL FLOOR AREA IS MORE THAN TWO HUNDRED (200) FEET OF TRAVEL DISTANCE FROM THE NEAREST ACCESS POINT FOR A FIRE TRUCK; OR
III. THE BUILDING EXCEEDS TWO (2) STORIES OR TWENTY-FOUR (24) FEET IN HEIGHT FROM THE AVERAGE GRADE OF THE LOT TO THE WINDOWS ON THE TOPMOST OCCUPIED FLOOR.
IN ADDITION, ALL CONNECTIONS SHALL BE LOCATED ON THE STREET SIDE OF EACH BUILDING, AND ACTIVATION OF THE SPRINKLER SYSTEM SHALL ACTIVATE BOTH A LOCAL BUILDING ALARM AND A SUPERVISORY ALARM AT A TWENTY-FOUR (24) HOUR CERTIFIED AND LICENSED ALARM MONITORING SERVICE. TOWN ORDINANCE 7-56
7. WATER SUPPLY FOR FIRE PROTECTION: WHEN REQUIRED. AN APPROVED WATER SUPPLY FOR FIRE PROTECTION, EITHER TEMPORARY OR PERMANENT, SHALL BE MADE AVAILABLE AS SOON AS COMBUSTIBLE MATERIAL ARRIVES ON THE SITE. 2018 NCFPC 3312
8. KEY BOXES; 506.1 WHERE REQUIRED. WHERE ACCESS TO OR WITHIN A STRUCTURE OR AN AREA IS RESTRICTED BECAUSE OF SECURED OPENINGS OR WHERE IMMEDIATE ACCESS IS NECESSARY FOR LIFE-SAVING OR FIRE-FIGHTING PURPOSES, THE FIRE CODE OFFICIAL IS AUTHORIZED TO REQUIRE A KEY BOX TO BE INSTALLED IN AN APPROVED LOCATION. THE KEY BOX SHALL BE OF AN APPROVED TYPE LISTED IN ACCORDANCE WITH UL 1037, AND SHALL CONTAIN KEYS TO GAIN NECESSARY ACCESS AS REQUIRED BY THE FIRE CODE OFFICIAL. 2018 NCFPC 506.1
9. ADDRESS IDENTIFICATION; 505.1 ADDRESS IDENTIFICATION. NEW AND EXISTING BUILDINGS SHALL BE PROVIDED WITH APPROVED ADDRESS IDENTIFICATION. THE ADDRESS IDENTIFICATION SHALL BE LEGIBLE AND PLACED IN A POSITION THAT IS VISIBLE FROM THE STREET OR ROAD FRONT THE PROPERTY. ADDRESS IDENTIFICATION CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND. ADDRESS NUMBERS SHALL BE ARABIC NUMBERS OR ALPHABETICAL LETTERS. NUMBERS SHALL NOT BE SPELLED OUT. EACH CHARACTER SHALL BE NOT LESS THAN 6 INCHES (153 MM) HIGH WITH A MINIMUM STROKE WIDTH OF 3/4 INCH (20 MM). WHERE REQUIRED BY THE FIRE CODE OFFICIAL, ADDRESS IDENTIFICATION SHALL BE PROVIDED IN ADDITIONAL APPROVED LOCATIONS TO FACILITATE EMERGENCY RESPONSE. WHERE ACCESS IS BY MEANS OF A PRIVATE ROAD AND THE BUILDING CANNOT BE VIEWED FROM THE PUBLIC WAY, A MONUMENT, POLE, OR OTHER SIGN OR MEANS SHALL BE USED TO IDENTIFY THE STRUCTURE. ADDRESS IDENTIFICATION SHALL BE MAINTAINED. 2018 NCFPC 505.1
10. AERIAL FIRE APPARATUS ACCESS ROADS; D105.4 OBSTRUCTIONS. OVERHEAD UTILITY AND POWER LINES SHALL NOT BE LOCATED OVER THE AERIAL FIRE APPARATUS ACCESS ROAD OR BETWEEN THE AERIAL FIRE APPARATUS ROAD AND THE BUILDING. OTHER OBSTRUCTIONS SHALL BE PERMITTED TO BE PLACED WITH THE APPROVAL OF THE FIRE CODE OFFICIAL. 2018 NCFPC APPENDIX D105
11. FIRE LANES; WHERE REQUIRED BY THE FIRE CODE OFFICIAL, APPROVED SIGNS OR OTHER APPROVED NOTICES OR MARKINGS THAT INCLUDE THE WORDS NO PARKING-FIRE LANE SHALL BE PROVIDED FOR FIRE APPARATUS ACCESS ROADS TO IDENTIFY SUCH ROADS OR PROHIBIT THE OBSTRUCTION THEREOF. THE MEANS BY WHICH FIRE LANES ARE DESIGNATED SHALL BE MAINTAINED IN A CLEAN AND LEGIBLE CONDITION AT ALL TIMES AND BE REPLACED OR REPAIRED WHEN NECESSARY TO PROVIDE ADEQUATE VISIBILITY. 2018 NCFPC SECTION 503.3 AND APPENDIX D D 103.6, D 1036.1, D 103.6.2
12. FIRE APPARATUS ACCESS ROADS AUTHORITY; 503.2. AUTHORITY. THE FIRE CODE OFFICIAL SHALL HAVE THE AUTHORITY TO REQUIRE OR PERMIT MODIFICATIONS TO THE REQUIRED ACCESS WIDTHS WHERE THEY ARE INADEQUATE FOR FIRE OR RESCUE OPERATIONS OR WHERE NECESSARY TO MEET THE PUBLIC SAFETY OBJECTIVES OF THE JURISDICTION. 2018 NCFPC SECTION 503
13. FIRE APPARATUS ACCESS ROADS;
(1) 503.1 WHERE REQUIRED. FIRE APPARATUS ACCESS ROADS SHALL BE PROVIDED AND MAINTAINED IN ACCORDANCE WITH SECTIONS 503.1.1 THROUGH 503.1.3
14. TRAFFIC CALMING DEVICES. TRAFFIC CALMING DEVICES SHALL BE PROHIBITED UNLESS APPROVED BY THE FIRE CODE OFFICIAL. 2018 NCFPC 503.4.1
15. OBSTRUCTION OF FIRE APPARATUS ACCESS ROADS. FIRE APPARATUS ACCESS ROADS SHALL NOT BE OBSTRUCTED IN ANY MANNER, INCLUDING THE PARKING OF VEHICLES. THE MINIMUM WIDTHS AND CLEARANCES ESTABLISHED IN SECTIONS 503.2.1 AND 503.2.2 SHALL BE MAINTAINED AT ALL TIMES. 2018 NCFPC 503.4
16. FIRE DEPARTMENT ACCESS/CONSTRUCTION; DURING CONSTRUCTION, VEHICLE ACCESS FOR FIREFIGHTING SHALL BE PROVIDED. TEMPORARY STREET SIGNS SHALL BE INSTALLED AT EACH STREET INTERSECTION WHEN CONSTRUCTION ALLOWS THE PASSAGE OF VEHICLES. SIGNS SHALL BE OF AN APPROVED SIZE, WEATHER RESISTANT, AND MAINTAINED UNTIL REPLACED BY PERMANENT SIGNS. 2018 NCFPC SECTION 505.2
17. FIRE DEPARTMENT ACCESS/CONSTRUCTION; FENCING AROUND PROJECTS SHALL INCLUDE ACCESS GATES WITH A 20 FOOT SWING OR SLIDE MOTION. ANY AREAS WHICH WILL BE INACCESSIBLE FOR FIREFIGHTING OR RESCUE OPERATIONS SHALL BE NOTED. EMERGENCY ACCESS DESIGNATION FOR APPARATUS SHALL BE PROVIDED. 2018 NCFPC SECTION 503, APPENDIX D.
18. FIRE DEPARTMENT ACCESS; ALL TURNS, RADII, BRIDGES, AND DEPRESSIONS WITHIN ROADWAYS SHALL BE DESIGNED AND CONSTRUCTED TO BE ACCESSIBLE BY THE LARGEST FIRE APPARATUS OPERATED BY THE TOWN OF CHAPEL HILL. TECHNICAL INFORMATION ON THIS EQUIPMENT IS AVAILABLE FROM THE TOWNS FIRE MARSHAL. 2018 NCFPC SECTION 503, APPENDIX D.

7 FIRE NOTES
CZ-1.1
\* FIRE NOTES ABOVE WILL BE ADDRESSED DURING ZCP AND/OR BUILDING PERMIT PLANS.



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Table with columns: Drawn (WLR, MTC), Checked (WLR), Date (9-24-2020), Revisions (TOWN REVIEW REVISIONS 9-3-2021, TOWN REVIEW REVISIONS 4-28-2021)

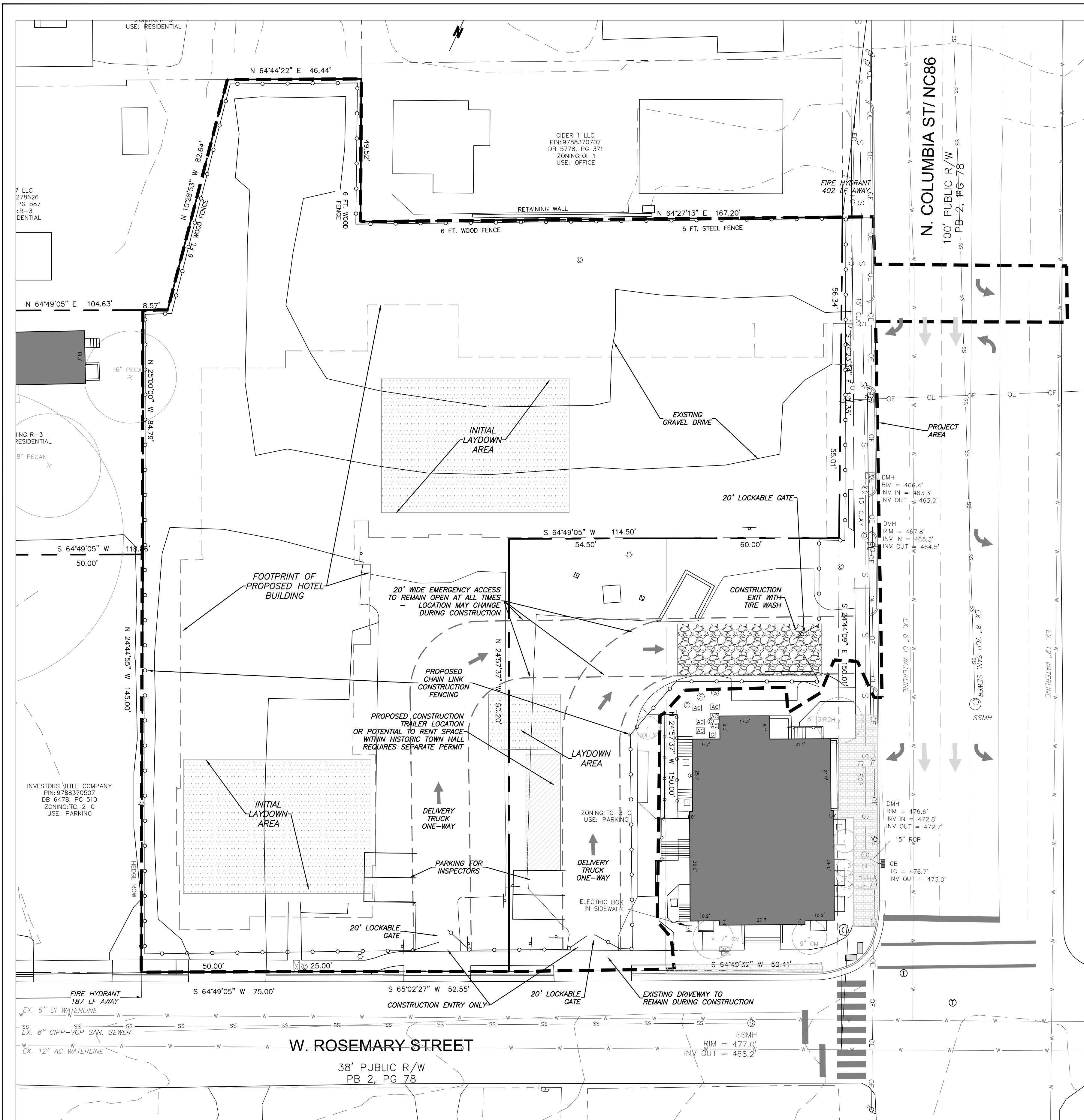
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Sheet Title:

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Sheet Number

CZ-1.1



**1** CONSTRUCTION MANAGEMENT PLAN  
CZ-1.2 1" = 20'

**CONSTRUCTION STAGING NOTES**

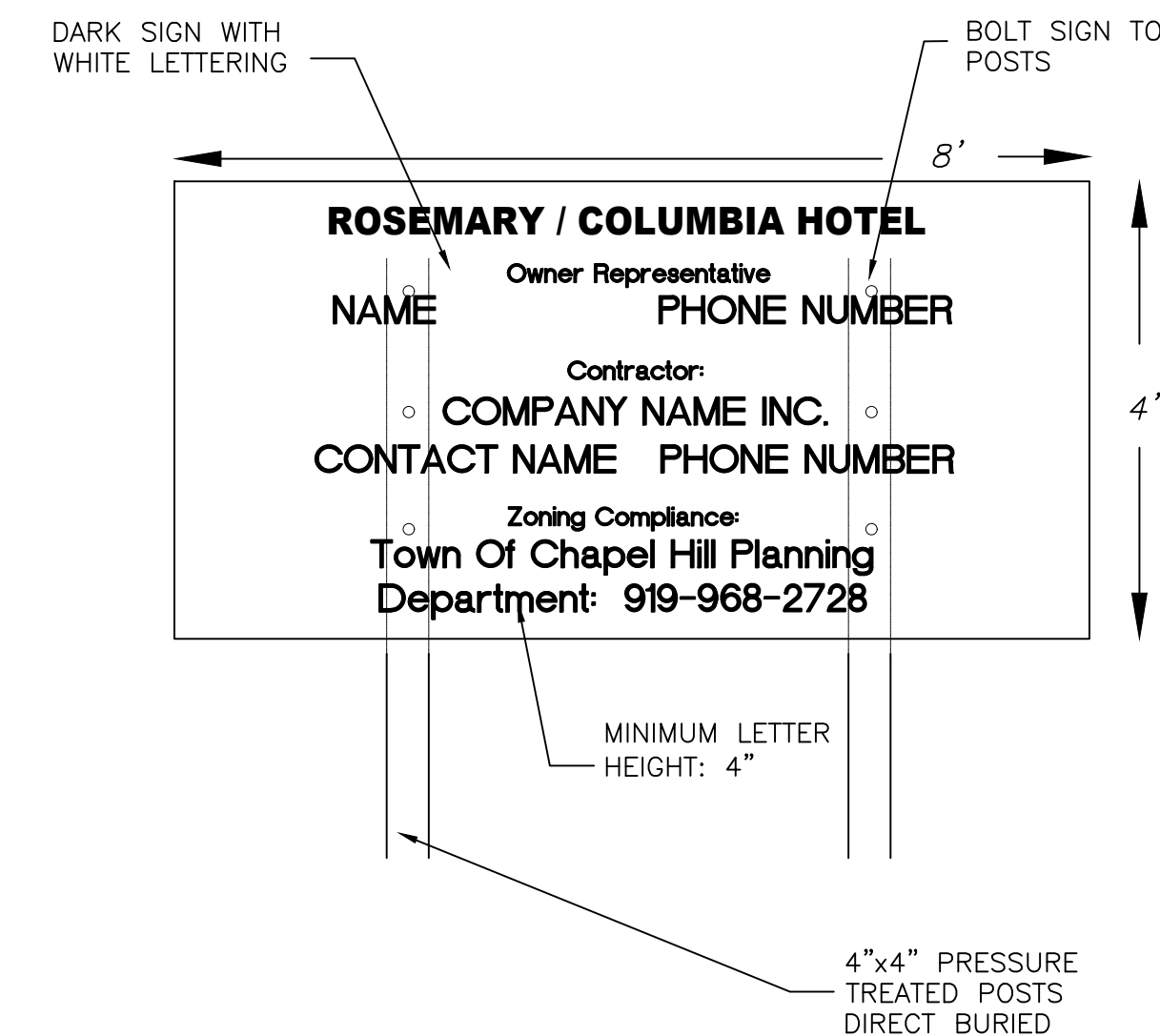
- EXISTING GRAVEL PARKING IS TO BE LEFT INTACT FOR CONSTRUCTION WORKERS UNTIL WORK IS DONE IN EACH AREA AND GRAVEL NEEDS TO BE REMOVED.
- NO CONSTRUCTION PARKING WILL BE ALLOWED ON ADJACENT RESIDENTIAL STREETS.
- HOURS OF CONSTRUCTION ARE MONDAY TO FRIDAY 7 AM TO 6 PM, AND SATURDAY AS NEEDED BETWEEN 8 AM AND 6 PM. THERE WILL BE NO CONSTRUCTION ON SUNDAYS. THE TOWN OF CHAPEL HILL NOISE ORDINANCE MUST BE COMPLIED WITH. THE TOWN ORDINANCE SPECIFIES CONSTRUCTION OPERATIONS ARE LIMITED TO 7 AM TO 9 PM WEEKDAYS, AND 8 AM TO 9 PM WEEKENDS. ANY ROCK REMOVAL WORK NEEDS TO BE COORDINATED WITH TOWN ADMINISTRATION, AND NEIGHBORS NOTIFIED IN ADVANCE.
- PROVIDE ON-SITE PARKING FOR INSPECTORS AT EACH BUILDING FOR THE DURATION OF THE CONSTRUCTION PROJECT.

**FIRE PROTECTION NOTES**

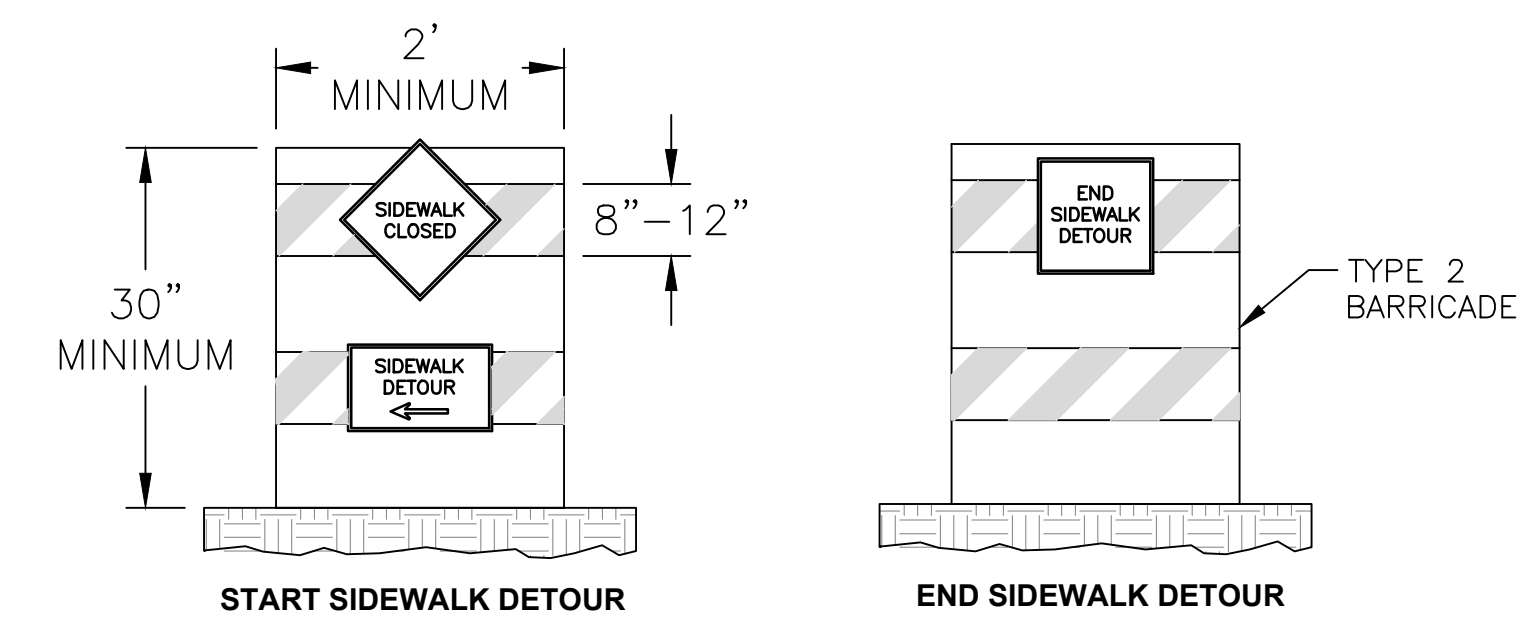
- CONTRACTOR SHALL MAINTAIN A FIRE WATCH DURING THE CONSTRUCTION OR DEMOLITION OF "HOT WORK" THAT MAY SUBJECT MATERIALS TO SPONTANEOUS COMBUSTION. THE FIRE WATCH SHALL CONSIST OF AT LEAST ONE PERSON WITH A MEANS OF COMMUNICATING AN ALARM TO 911, SHALL HAVE A WRITTEN ADDRESS POSTED IN A CONSPICUOUS LOCATION, AND SHALL MAINTAIN CONSTANT PATROLS.
- ALL CONSTRUCTION AND DEMOLITION SHALL COMPLY WITH THE CURRENT EDITION OF CHAPTER 14 OF THE NC FPC (FIRE CODE).
- ANY PERMANENT OR TEMPORARY GATES ACROSS FIRE ACCESS DRIVES SHALL BE A MINIMUM WIDTH OF 20', EITHER SWINGING OR SLIDING TYPE, HAVE AN EMERGENCY MEANS OF OPERATION, AND SHALL BE OPERABLE BY EITHER FORCIBLE ENTRY OR KEYS, CAPABLE OF BEING OPERATED BY ONE PERSON, AND SHALL BE INSTALLED AND MAINTAINED ACCORDING TO UL 325 AND ASTM F 2200 NC FPC 2012.

**TRAFFIC/PEDESTRIAN CONTROL NOTES**

- SIGNS SHOWN ON THIS PLAN ARE REQUIRED DURING THE CONSTRUCTION OF THIS PROJECT.
- CONSTRUCTION WILL REQUIRE TEMPORARY LANE CLOSURES ON PUBLIC STREETS NEED TOWN APPROVAL. TEMPORARY LANE CLOSURES ARE ONLY ALLOWED DURING DAYLIGHT HOURS.
- ALL WORK ZONE SIGNAGE SHALL COMPLY WITH APPLICABLE M.U.T.C.D. STANDARDS AND DETAILS.
- PRIOR TO ANY TRAFFIC LANE CLOSURES, IT WILL BE NECESSARY TO CONTACT ERNIE ROGERS AT 919-968-2833, OF THE CHAPEL HILL ENGINEERING DIVISION, AT LEAST 5 WORKING DAYS BEFORE THE PROPOSED WORK TO APPLY FOR A LANE CLOSURE PERMIT.
- SIGNS AND TEMPORARY BARRICADES AS SHOWN BELOW WILL BE PLACED TO DIRECT PEDESTRIANS WHEN SIDEWALKS ARE IN THE CONSTRUCTION AREAS.



**2** CONSTRUCTION SIGN  
CZ-1.2 NOT TO SCALE



**3** SIDEWALK CLOSURE SIGNAGE  
CZ-1.2 NOT TO SCALE



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Conditional zoning

Sheet Title:

**CONSTRUCTION  
MANAGEMENT  
PLAN**

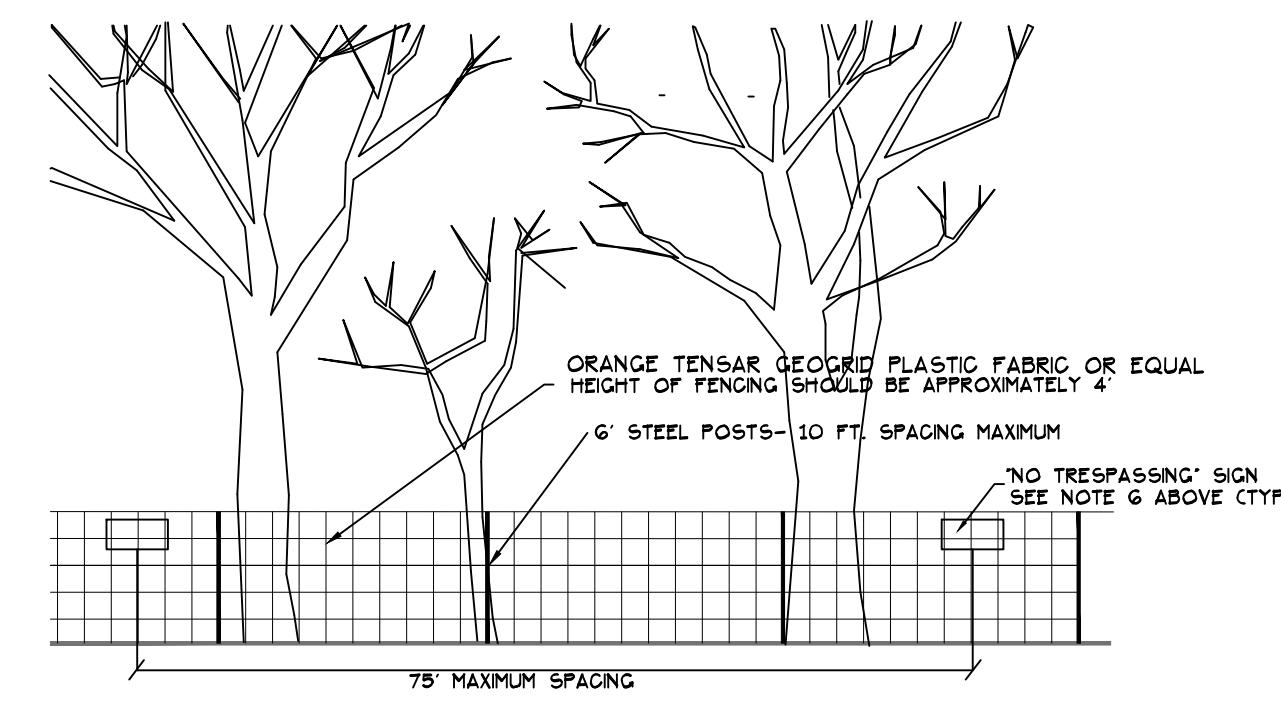
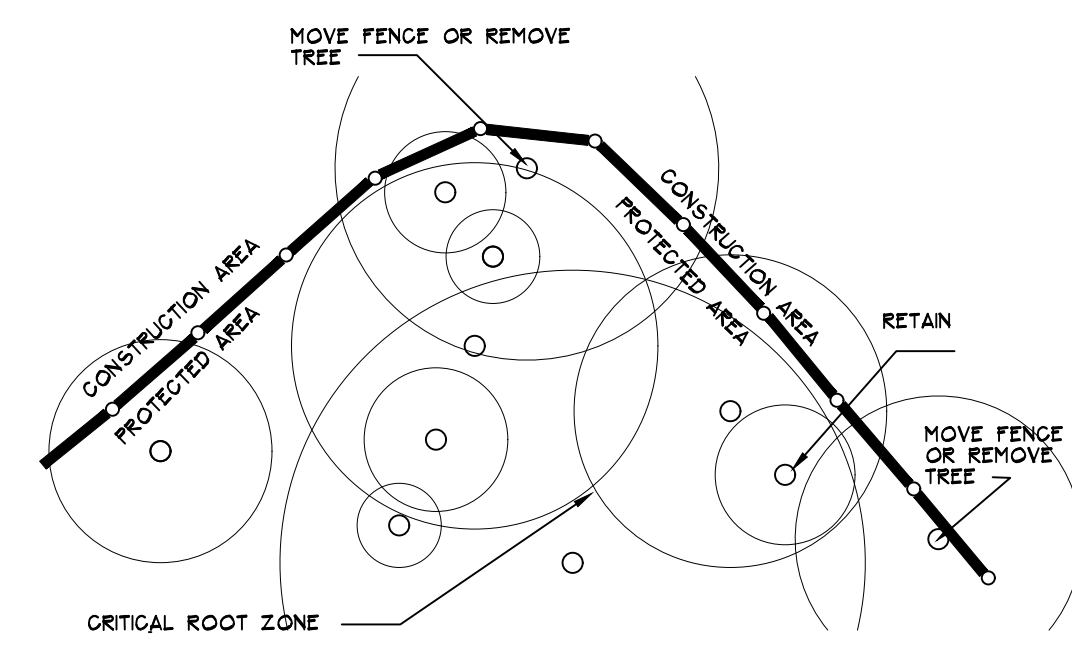
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**CZ-1.2**



**LEGEND**

Water Valve	⊗
Yard Inlet	⊞
Curb Inlet/Catch Basin	⊠
Mail Box	⊞
Traffic Signal Box	⊞
Electric Transformer	⊞
Electric Junction Box	⊞
Gas Meter	⊞
Sanitary Sewer Manhole	⊞
Storm Sewer Manhole	⊞
Telephone Manhole	⊞
Electric Manhole	⊞
Sign	⊞
Telephone Pedestal	⊞
Fire Hydrant	⊞
Fire Department Connection	⊞
Post Indicator Valve	⊞
Water Manhole	⊞
Water Meter	⊞
Hot Box	⊞
Utility Pole	⊞
Guy Wire	⊞
Light Pole	⊞
Sewer Cleanout	⊞
Flared End Section	⊞
Gas Valve	⊞
Existing Iron Pipe (3/4" unless noted)	⊞
1/2" Rebar	⊞
Existing PK Nail	⊞
PK Nail Set	⊞
Computed Point	⊞
Concrete Monument	⊞
Tree Line	⊞
Fence	⊞
Underground Electric	⊞
Underground Telephone	⊞
Gas Line	⊞
Water Line	⊞
Overhead Utilities	⊞
Storm Sewer	⊞
Sanitary Sewer	⊞
Guard Rail	⊞



**NOTES:**

1. MOVE FENCE OR REMOVE TREE IF MORE THAN 20% OF A TREE'S CRITICAL ROOT AREA IS UNPROTECTED.
2. TREES TO BE REMOVED WITHIN THE TREE PROTECTION AREA (BECAUSE >20% OF ROOT ZONE IS DISTURBED) WILL BE FELLED TOWARD THE CLEARED CONSTRUCTION AREA.
3. ROOT PRUNE TREES TO REMAIN, WHERE CONSTRUCTION ACTIVITIES WILL SEVER ROOTS.
4. ANY TREE ROOTS EXPOSED BY CONSTRUCTION SHALL BE SEVERED CLEANLY WITH A PRUNING TOOL.
5. THE SOIL WITHIN THE CRITICAL ROOT ZONES OF EXISTING TREES WILL NOT BE DRIVEN ON OR OTHERWISE DISTURBED DURING THE INSTALLATION OF LANDSCAPING.
6. DO NOT DISPOSE OF ANY CHEMICALS OR REMOVE SOIL OUTSIDE THE LIMITS OF WORK.
7. WHEN INSTALLING NEW LANDSCAPE PLANTS, DO NOT DRIVE EQUIPMENT UPON OR DISTURB THE SOIL WITHIN THE CRITICAL ROOT ZONE OF EXISTING TREES.
8. SIGNAGE MUST BE PLACED ON TREE PROTECTION FENCING WITH A MAXIMUM SPACING OF 75' ON CENTER, TO READ "TREE PROTECTION AREAS - NO TRESPASSING WITHIN FENCE".

**2** TREE PROTECTION FENCING  
CZ-1.3 NTS

**3** TREE COVERAGE CALCULATION  
CZ-1.3 NTS

CANOPY COVERAGE WITHIN PROJECT AREA: 10,492 SF  
CANOPY AREA TO BE REMOVED: 10,087 SF

**1** EXISTING CONDITIONS LANDSCAPE PROTECTION PLAN  
CZ-1.3 1" = 20'



1. ALL SPECIMEN AND RARE TREES WERE SURVEYED AND ARE SHOWN.
2. THERE ARE NO SIGNIFICANT TREE STANDS IN THE PROJECT AREA.
3. TREES ARE DRAWN TO SIZE REPRESENTING THE CRITICAL ROOT AREA.
4. A PRE-CONSTRUCTION MEETING WITH THE TOWN'S URBAN FORESTER IS REQUIRED PRIOR TO STARTING ANY WORK ON SITE.
5. THE DEVELOPER SHALL DESIGNATE A LANDSCAPE PROTECTION SUPERVISOR WHO HAS COMPLETED INSTRUCTION IN LANDSCAPE PROTECTION PROCEDURES WITH THE TOWN.
6. IT SHALL BE THE DUTY OF THE LANDSCAPE PROTECTION SUPERVISOR TO ENSURE THE PROTECTION OF NEW OR EXISTING LANDSCAPE ELEMENTS, AS DEFINED IN THE LANDSCAPE PROTECTION PLAN. AT LEAST ONE IDENTIFIED LANDSCAPE PROTECTION SUPERVISOR SHALL BE PRESENT ON THE DEVELOPMENT SITE AT ALL TIMES WHEN ACTIVITY THAT COULD DAMAGE OR DISTURB SOIL AND ADJACENT LANDSCAPE ELEMENTS OCCURS, INCLUDING BUT NOT LIMITED TO: DURING CLEARING AND GRUBBING, DURING ANY EXCAVATION GRADING TRENCHING OR MOVING OF SOIL, DURING REMOVAL INSTALLATION OR MAINTENANCE OF LANDSCAPE ELEMENTS AND TREE PROTECTION FENCING, OR DURING DELIVERY TRANSPORTING AND PLACEMENT OF CONSTRUCTION MATERIALS AND EQUIPMENT ON SITE.



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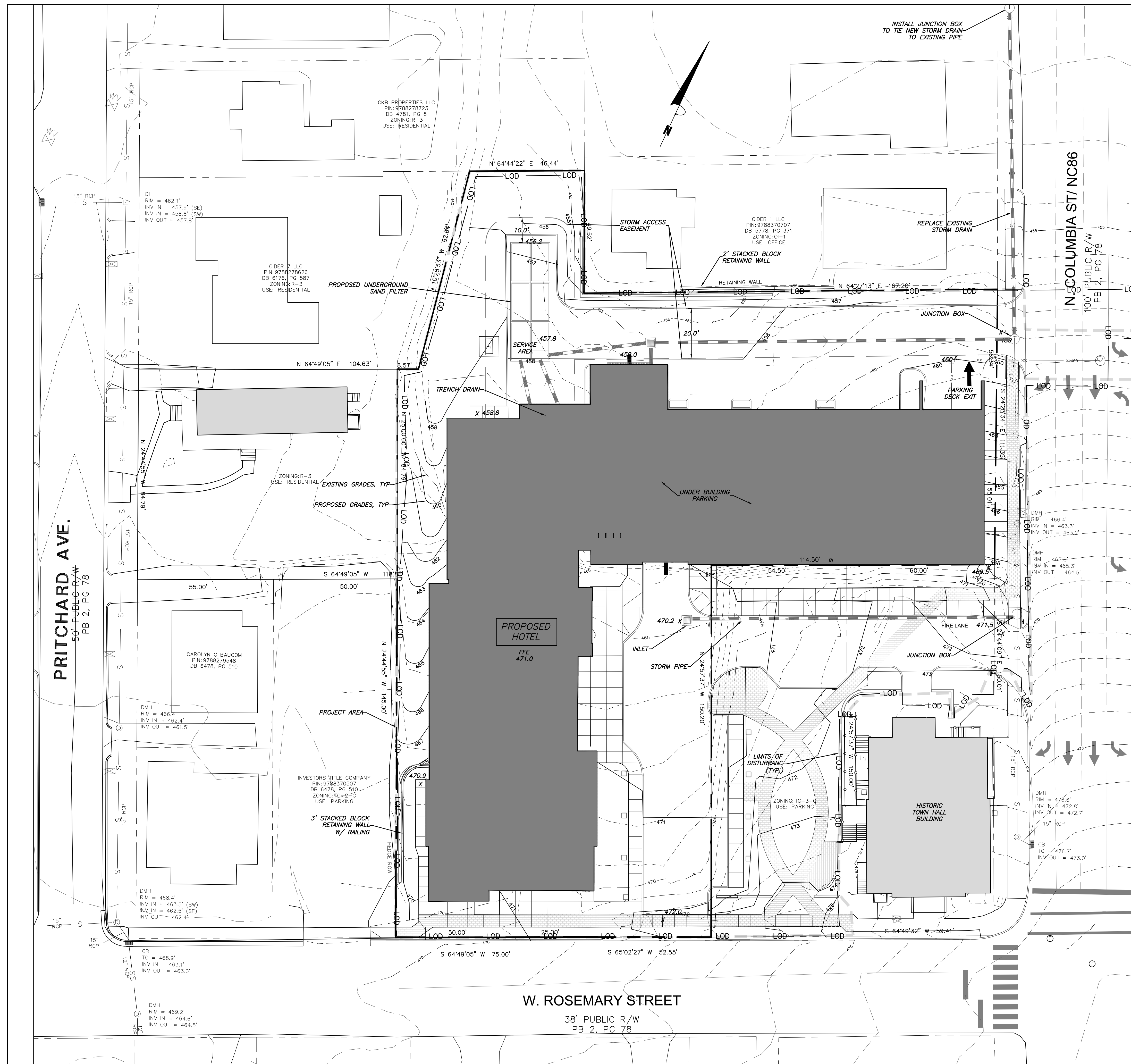
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**LANDSCAPE PROTECTION PLAN**

Sheet Number

**CZ-1.3**



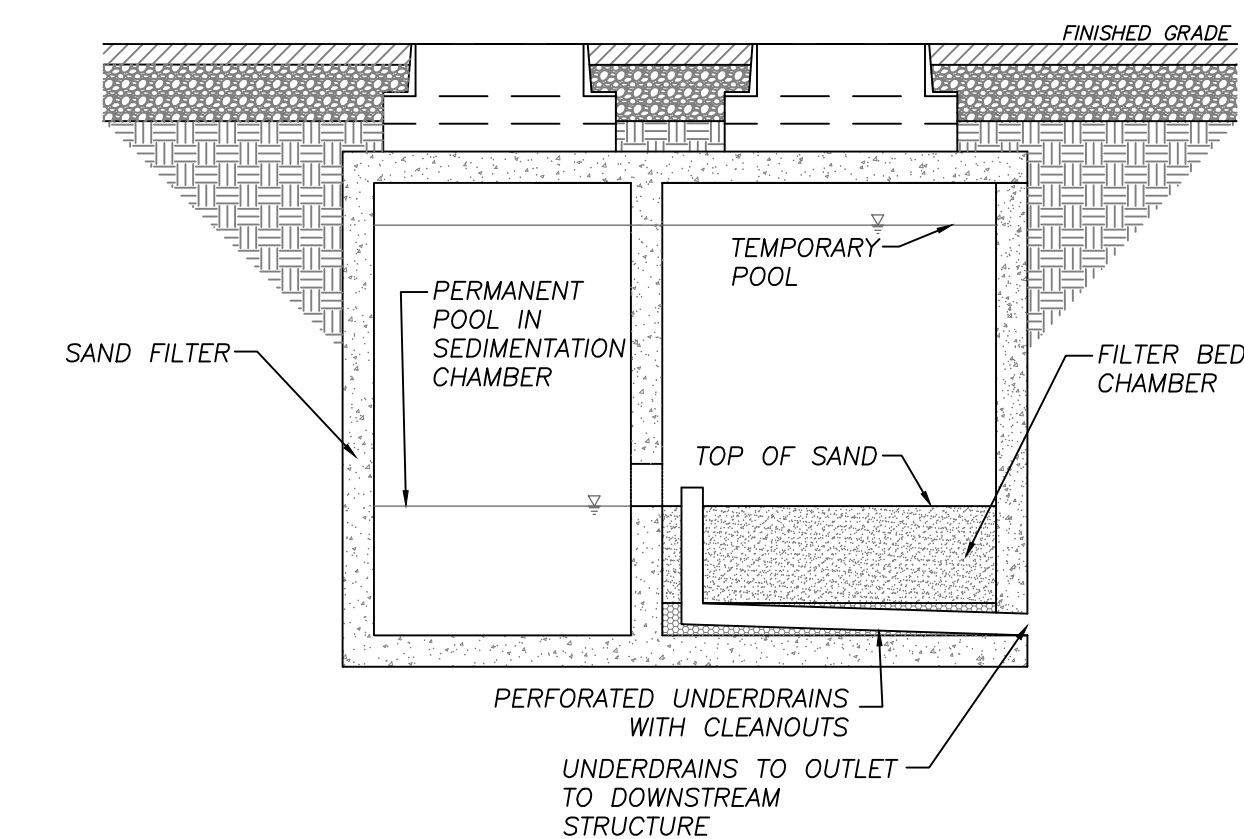


**GRADING NOTES**

1. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE OWNER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR ANY WORK DONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH TOWN OF CHAPEL HILL AND NCDOT STANDARDS AND SPECIFICATIONS.
3. CONTRACTOR SHALL NOTIFY "NORTH CAROLINA ONE CALL" (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR TO CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NORTH CAROLINA ONE CALL".
4. CONSTRUCTION, MAINTENANCE AND REMOVAL OF ALL EROSION CONTROL DEVICES ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
5. EXISTING UTILITIES AND STRUCTURES SHOWN, BOTH UNDERGROUND AND ABOVE GROUND, ARE BASED ON A FIELD SURVEY AND THE BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BEGINNING RELATED CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.
6. SOIL UNDER BUILDING PAD, PAVED AREAS AND WITHIN SLOPES GREATER THAN 3:1 (H:V) SHALL BE APPROVED, PLACED AND COMPACTED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER. THESE SOILS SHALL BE COMPACTED AS SPECIFIED UNLESS OTHERWISE RECOMMENDED BY THE GEOTECHNICAL ENGINEER. ANY UNDERCUT OF SOILS IN THESE AREAS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER & OWNER. THE UNDERCUT SOILS SHALL ALSO BE QUANTIFIED BY THE GEOTECHNICAL ENGINEER.
7. ALL GRADING MUST PRODUCE SURFACE DRAINAGE ADEQUATE TO PREVENT STANDING WATER OR WET LAWN AREAS, AND TO ENSURE THAT ALL STORM WATER FLOWS TO INLETS OR OTHER POINTS OF DISCHARGE.
8. ALL SIDEWALKS SHALL BE CONSTRUCTED WITH A MAXIMUM 1.8% CROSS SLOPE IN THE DIRECTION SHOWN ON THE PLAN.
9. CONNECT ALL ROOF LEADERS AND DOWNSPOUTS TO STORM DRAINAGE SYSTEM WITH PVC PIPE. SEE ARCHITECTURAL PLANS FOR LOCATIONS.
10. CURB INLETS: PROVIDE PRE-CAST CURB INLET HOODS AND COVERS STATING, "DUMP NO WASTE! DRAINS TO JORDAN LAKE", IN ACCORDANCE WITH THE SPECIFICATIONS OF THE TOWN STANDARD DETAIL SD-5A, FOR ALL NEW CURB INLETS FOR PRIVATE, TOWN AND STATE RIGHTS-OF-WAY.
11. BW (BOTTOM OF WALL) ELEVATION IS FINISH GRADE, NOT THE FOOTING. REFERENCE RETAINING WALL PLANS/DETAILS FOR DEPTH OF FOOTING.
12. ANY DISTURBANCE WITHIN THE FORESTED "NO LAND DISTURBANCE AREA" WILL REQUIRE AN UPDATE TO THE JORDAN ACCOUNTING TOOL.

**STORMWATER NOTES**

1. ALL STORM DRAINAGE PIPES SHOWN ARE TO BE CLASS III REINFORCED CONCRETE (RCP) UNLESS NOTED OTHERWISE.
2. ALL STORM DRAINAGE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF CHAPEL HILL AND NCDOT STANDARDS.
3. ALL CONCRETE SHALL MEET A MINIMUM 3000 PSI COMPRESSIVE STRENGTH.
4. ALL PIPE IN STORM DRAIN STRUCTURES SHALL BE STRUCK EVEN WITH INSIDE WALL.
5. ALL PIPE JOINTS SHALL BE MADE WITH PREFORMED JOINT SEALER, WHICH CONFORMS TO AASHTO SPECIFICATION M-198 FOR TYPE B FLEXIBLE PLASTIC GASKETS UNLESS OTHERWISE NOTED.
6. THE INTERIOR SURFACES OF ALL STORM DRAINAGE STRUCTURES SHALL BE POINTED AND SMOOTHED TO AN ACCEPTABLE STANDARD USING MORTAR MIXED TO MANUFACTURER'S SPECIFICATIONS.
7. ALL BACKFILL SHALL BE NON-PLASTIC IN NATURE, FREE FROM ROOTS, VEGETATION MATTER, WASTE CONSTRUCTION MATERIAL OR OTHER OBJECTIONABLE MATERIAL. SAID MATERIAL SHALL BE CAPABLE OF BEING COMPACTED BY MECHANICAL MEANS AND SHALL HAVE NO TENDENCY TO FLOW OR BEHAVE IN A PLASTIC MANNER UNDER THE TAMPING BLOWS OR PROOF ROLLING.
8. MATERIALS DEEMED BY THE OWNER'S REPRESENTATIVE AS UNSUITABLE FOR BACKFILL PURPOSES SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL.
9. BACKFILLING OF TRENCHES SHALL BE ACCOMPLISHED IMMEDIATELY AFTER PIPE IS LAID. THE FILL AROUND THE PIPE SHALL BE THOROUGHLY COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY OBTAINABLE WITH THE STANDARD PROCTOR TEST. THE TOP EIGHT (8) INCHES SHALL BE COMPACTED TO 100% STANDARD PROCTOR.
10. UNDER NO CIRCUMSTANCES SHALL WATER BE ALLOWED TO RISE IN UNBACKFILLED TRENCHES AFTER PIPE HAS BEEN PLACED.
11. RISER STRUCTURES WITH MULTIPLE BARREL SECTIONS SHALL HAVE GASKETTED JOINTS, AND EACH SECTION SHALL BE BOLTED TO ADJACENT SECTIONS WITH STAINLESS STEEL STRAPS.
- 12.



2 SCHEMATIC UNDERGROUND SAND FILTER  
CZ-3.0 N.T.S.

1 GRADING AND STORMWATER PLAN  
CZ-3.0 1" = 20'



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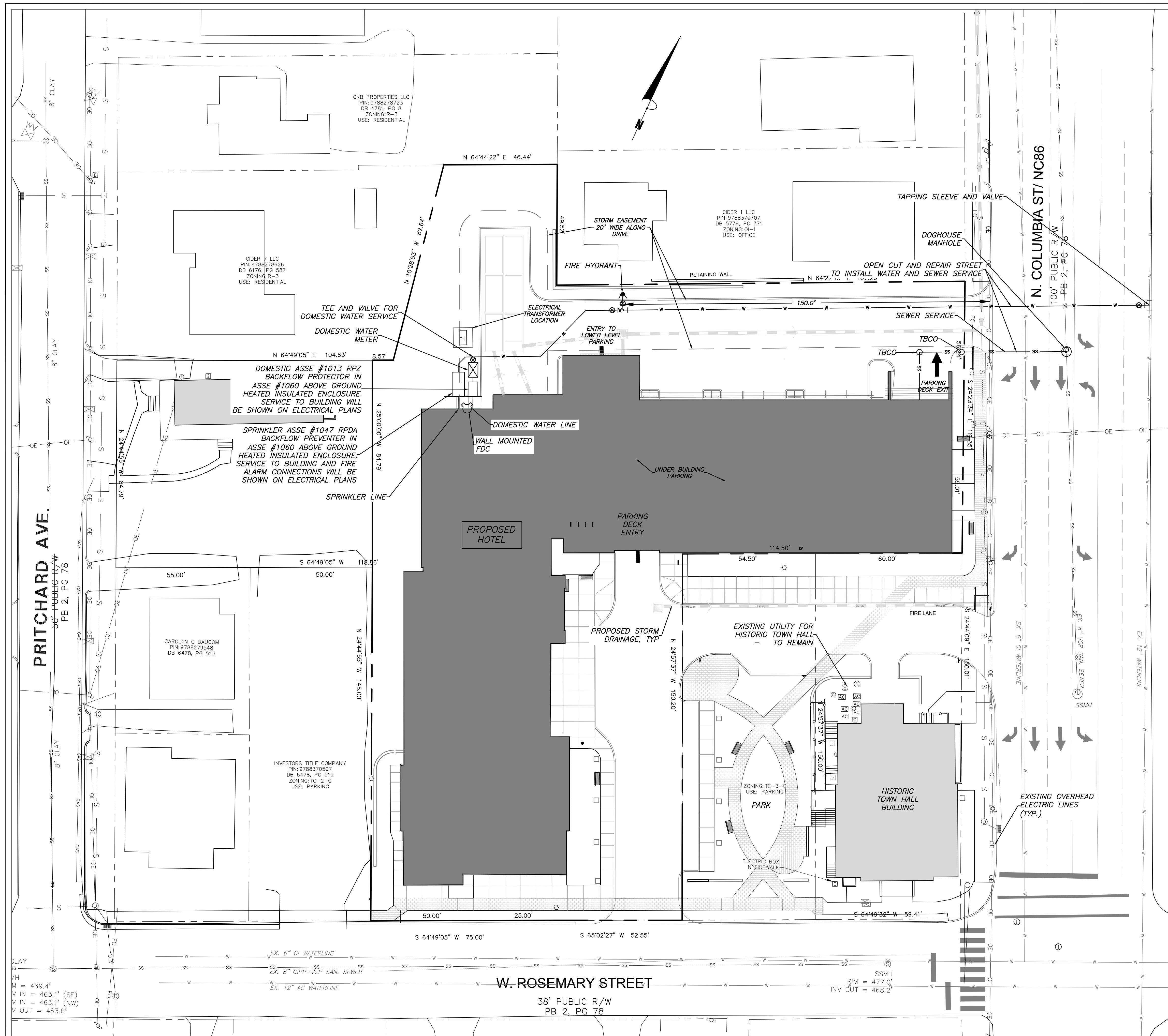
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 Sheet Number:  
**CZ-3.0**





**UTILITY NOTES**

- CONTRACTOR SHALL NOTIFY "NORTH CAROLINA ONE CALL" (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR TO CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICE INDEPENDENT OF "NORTH CAROLINA ONE CALL".
- ALL WATER AND SEWER MAINS WITHIN PUBLIC EASEMENTS AND RIGHT-OF-WAYS TO BE OWNED, OPERATED AND MAINTAINED BY OWASA.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF CHAPEL HILL AND OWASA STANDARDS AND SPECIFICATIONS.
- ALL EXISTING UNDERGROUND UTILITIES ARE APPROXIMATELY LOCATED. ACTUAL LOCATION AND DEPTH SHALL BE CONFIRMED IN THE FIELD PRIOR TO CONSTRUCTION.
- BEFORE STARTING ANY CONSTRUCTION OF IMPROVEMENTS WITHIN ANY TOWN OR N.C.D.O.T. STREET OR HIGHWAY RIGHT-OF-WAY THE FOLLOWING PROCEDURES SHOULD BE UNDERTAKEN; TOWN RIGHT-OF-WAY: CONTACT LOCAL AUTHORITIES' TRAFFIC ENGINEERING DEPT. FOR INFORMATION ON DETOURS, OPEN CUTTING OF STREETS OR FOR ANY CONSTRUCTION WITHIN RIGHT-OF-WAY. N.C.D.O.T. RIGHT-OF-WAY: CONTACT PROJECT ENGINEERS AND OBTAIN ALL PERMITS AND ENCROACHMENTS (KEEP COPIES ON CONSTRUCTION SITE, ALSO CONTACT N.C.D.O.T. DISTRICT OFFICE 24 HOURS IN ADVANCE BEFORE PLACING CURB AND GUTTER).
- ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE OWNER IF ANY DISCREPANCIES EXIST. PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADING CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR ANY WORK DONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- POWER, TELEPHONE, AND GAS SERVICES TO BUILDINGS SHALL BE UNDERGROUND. ACCESS AND SERVICE ROUTES TO BE COORDINATED WITH THE PUBLIC UTILITIES, CONTRACTOR AND THE OWNER.
- RESURFACING OF STREET DUE TO UTILITY CUTS SHALL BE REQUIRED AT THE DIRECTION OF ENGINEERING. (MINIMUM 50' TO EITHER SIDE OF UTILITY CUTS).
- PROVIDE 10-FT OF HORIZONTAL SEPARATION BETWEEN PROPOSED NEW WATER AND SEWER MAINS

**SANITARY SEWER:**

- BACKFLOW PREVENTORS SHALL BE PROVIDED FOR ALL UNITS WITH FINAL FLOOR ELEVATIONS OF BUILDINGS LESS THAN 1'-0" ABOVE UPSTREAM MANHOLE.
- MINIMUM COVER OF 5 FEET IN TRAFFIC AREAS TO BE PROVIDED FOR ALL COLLECTOR LINES 4 INCHES AND LARGER. IF LESS THAN 5 FEET, DUCTILE IRON PIPE SHALL BE REQUIRED.
- MINIMUM SLOPE FOR 4 INCH SANITARY SEWER COLLECTION LINES SHALL BE NO LESS THAN 2.0% WITH CLEANOUTS EVERY 75 LINEAL FEET.
- MINIMUM SLOPE FOR 6 INCH SANITARY SEWER COLLECTION LINES SHALL BE NO LESS THAN 1.0% WITH CLEANOUTS EVERY 75 LINEAL FEET.

**WATER:**

- WATERLINES WILL BE 3' OFF CURB AND GUTTER UNLESS SHOWN OTHERWISE.
- LAY WATER MAINS AT LEAST 10 FEET Laterally FROM EXISTING OR PROPOSED SANITARY SEWERS. IF LOCAL CONDITIONS OR BARRIERS PREVENT A 10 FOOT SEPARATION, LAY THE WATER MAIN WITH AT LEAST 18" VERTICAL SEPARATION ABOVE THE TOP OF THE SANITARY SEWER PIPE EITHER IN A SEPARATE TRENCH OR IN THE SAME TRENCH ON A BENCH OF UNDISTURBED EARTH.
- WHEN A PROPOSED WATER MAIN CROSSES OVER A PROPOSED OR EXISTING SANITARY SEWER, LAY THE WATER MAIN WITH AT LEAST 18" VERTICAL SEPARATION ABOVE THE TOP OF THE SANITARY SEWER. IF LOCAL CONDITIONS PREVENT AN 18" VERTICAL SEPARATION, CONSTRUCT BOTH THE WATER MAIN AND THE SANITARY SEWER FOR A DISTANCE OF 10 FEET ON EACH SIDE TO THE POINT OF CROSSING WITH FERROUS PIPE HAVING WATER MAIN QUALITY JOINTS.
- WHEN A PROPOSED WATER MAIN CROSSES UNDER A PROPOSED OR EXISTING SANITARY SEWER, CONSTRUCT BOTH THE WATER MAIN AND THE SANITARY SEWER OF FERROUS MATERIALS WITH JOINTS THAT ARE EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING. CENTER THE SECTION OF WATER PIPE AT THE POINT OF CROSSING.
- MAINTAIN A MINIMUM COVER OF 36" AND MAXIMUM COVER OF 42" BELOW FINISHED GRADE OVER ALL PIPES UNLESS OTHERWISE DIRECTED OR SHOWN ON THE PLANS. DUE TO THE HEIGHTS OF VALVES, INCREASE THE COVER DEPTHS ADJACENT TO THE VALVES OR VARIED AT POINTS OF TIE-IN TO EXISTING LINES.
- ALL FDC(S) AND HYDRANT(S) SHALL BE SIAMESE CONNECTIONS AND MEET TOWN OF CHAPEL HILL AND OWASA STANDARDS.
- A FIRE SPRINKLER SYSTEM WILL BE REQUIRED FOR THE HOTEL.
- A PERMIT FROM THE CHAPEL HILL FIRE MARSHAL'S OFFICE IS REQUIRED TO INSTALL ANY NEW UNDERGROUND OR ABOVE-GROUND TANKS THAT CONTAINED FLAMMABLE/COMBUSTIBLE LIQUIDS. 2018 NC FIRE CODE SECTION 105.6.17.



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NC BOARD OF EXAMINERS FOR ENGINEERS AND SURVEYORS LIC # C-1209  
 NC BOARD OF LANDSCAPE ARCHITECTS LIC # C-104

Project:

**Rosemary/  
 Columbia  
 Hotel**

110 W. Rosemary St.  
 Orange County,  
 North Carolina

PIN:  
 9788-37-0680  
 9788-37-0549  
 9788-27-9667  
 9788-27-9700  
 9788-37-0721  
 9788-37-0647



PRELIMINARY-DO NOT USE FOR CONSTRUCTION

Job Number: 1963

Drawn	WLR, MTO
Checked	WLR, PBR
Date	9-24-2020
Revisions	TOWN REVIEW REVISIONS 3-3-2021
	TOWN REVIEW REVISIONS 4-28-2021

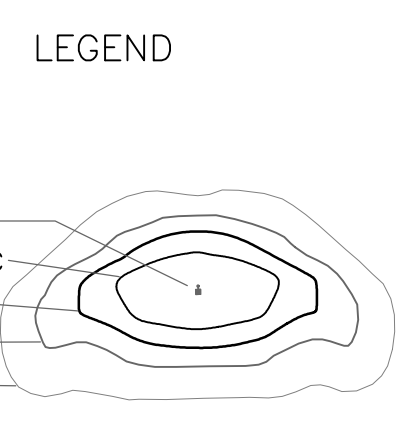
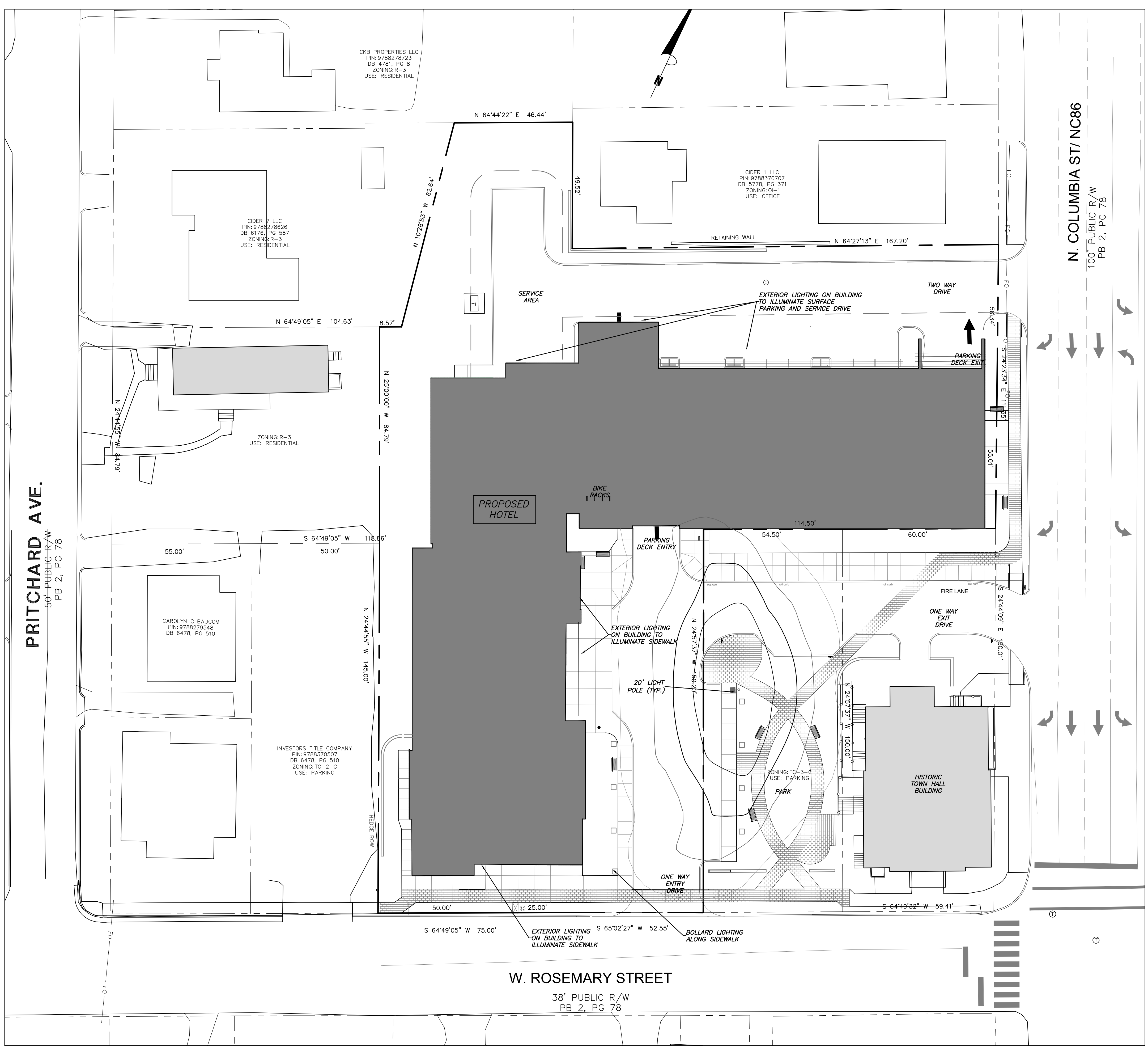
Conditional zoning

Sheet Title:

**UTILITY PLAN**

Sheet Number  
**CZ-5.0**





**LIGHTING NOTES**

**LIGHTING CONDUIT**

- LIGHTING CONDUIT SHALL MEET THE FOLLOWING GUIDELINES.
- CONDUIT DESIGN MUST BE APPROVED BY DUKE ENERGY PRIOR TO INSTALLATION. CHANGING THE CONDUIT LAYOUT CAN CAUSE CONDUCTOR LENGTH TO EXCEED ACCEPTABLE VOLTAGE LEVEL WHICH WILL AFFECT THE LIGHT'S ABILITY TO OPERATE.
  - ALL CONDUITS ARE TO BE 2" SCHEDULE 40 GRAY ELECTRICAL PVC.
  - ALL JOINTS ARE TO BE GLUED.
  - ALL ENDS ARE TO BE MARKED WITH SCRAP CONDUIT OR A BOARD (PAINTING THE GROUND WITH MARKING PAINT IS NOT ACCEPTABLE). IT IS STRONGLY SUGGESTED THAT THE ENDS SHOULD BE IDENTIFIED BY GPS COORDINATES.
  - ALL ENDS ARE TO BE CAPPED TO PREVENT ENTRY OF DEBRIS.
  - ALL CONDUITS MORE THAN 30' IN LENGTH SHALL HAVE A STRING INSTALLED.
  - TO COMPLY WITH NESC, ALL CONDUIT ARE TO BE INSTALLED AT A MINIMUM DEPTH OF 30" FROM FINISH GRADE TO TOP OF CONDUIT. CONDUITS THAT CAN NOT MEET THIS CRITERIA MUST BE INCASED IN 3" MINIMUM CONCRETE ENVELOPE. (FLOWABLE FILL IS ACCEPTABLE IN PLACE OF CONCRETE).
  - IF CONCRETE ENCASED CONDUIT IS REQUIRED AT ANY POINT, IT MUST BE ENCASED IN CONCRETE UNTIL PIPE IS BACK DOWN TO REQUIRED DEPTH.
  - PEDESTAL AREAS WHERE MULTIPLE CONDUIT ENDS TERMINATE ARE TO HAVE THE CONDUIT ENDS WITHIN 12" OF EACH OTHER.
  - DIRECT BURIED LIGHT POLE AREAS ARE TO HAVE CONDUITS TERMINATE 36" APART AND 12" BACK OF POLE LOCATION.
  - CONDUITS SERVING LIGHTS ON CONCRETE REVEALS ARE TO BE CONTINUOUS FROM REVEAL TO REVEAL.

**LIGHTING NOTES**

- MEASURES SHALL BE PROVIDED TO PREVENT LIGHT SPILLOVER ONTO ADJACENT PROPERTIES AND GLARE TOWARD MOTOR VEHICLE OPERATORS. EXTERIOR LIGHTS SHALL BE SHIELDED SO THEY DO NOT CAST DIRECT LIGHT BEYOND THE PROPERTY LINE.
- PROVIDE 2" PVC CONDUIT UNDER PAVEMENT, UNDER HEAVILY LANDSCAPED AREAS AS NECESSARY, AND AS DETERMINED BY DUKE ENERGY TO PROVIDE ACCESS TO ALL LIGHT FIXTURES. COORDINATE WITH DUKE ENERGY TO FINALIZE CONDUIT LOCATIONS AND LENGTHS.

**SPECIAL COORDINATION NOTES:**

- CONTRACTOR IS TO COORDINATE LIGHT POLE AND CONDUIT LOCATIONS WITH DUKE ENERGY PRIOR TO INSTALLATION OF WALLS AND PAVING.
- ABOVE GROUND PEDESTALS AND LIGHT POLES WILL BE PROVIDED AND INSTALLED BY DUKE ENERGY.
- CONTRACTOR IS TO REFER TO DUKE ENERGY SPECIFICATIONS FOR CONDUIT INSTALLATION.
- CONDUIT IS TO BE FURNISHED AND INSTALLED BY CONTRACTOR.



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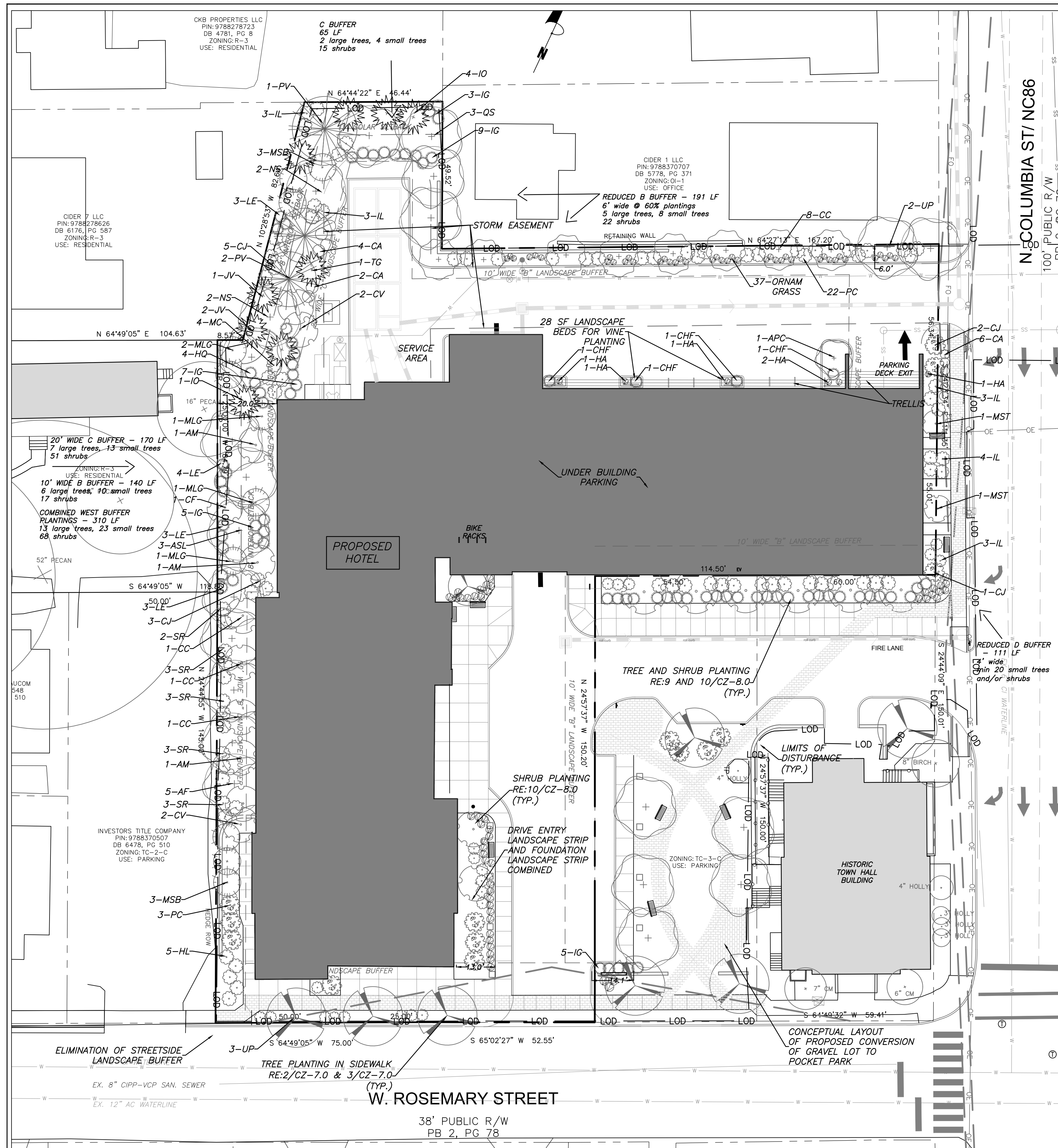
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Sheet Title:

**LIGHTING  
 PLAN**

Sheet Number  
**CZ-6.0**



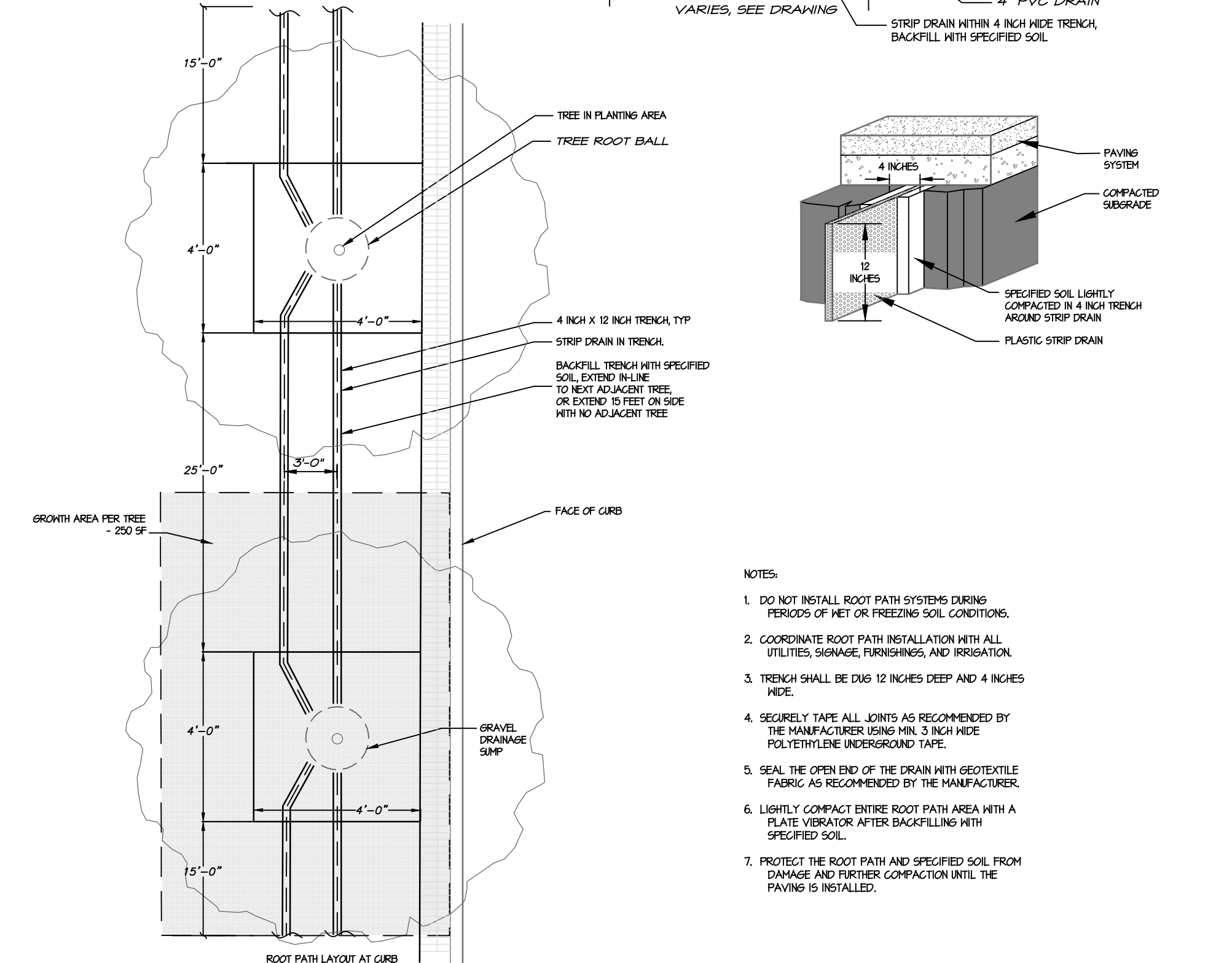


1 LANDSCAPE PLAN  
CZ-7.0 1" = 20'

TREE CANOPY CALCULATION

EXISTING TREE CANOPY: 10,492 SF  
 TREE CANOPY TO BE REMOVED: 10,087 SF  
 REQUIRED TREE CANOPY: NONE REQUIRED IN TC ZONE  
 PROPOSED TREE CANOPY: INSTALLATION OF A MINIMUM OF: 23 TALL MATURING TREES, AND 43 UNDERSTORY TREES

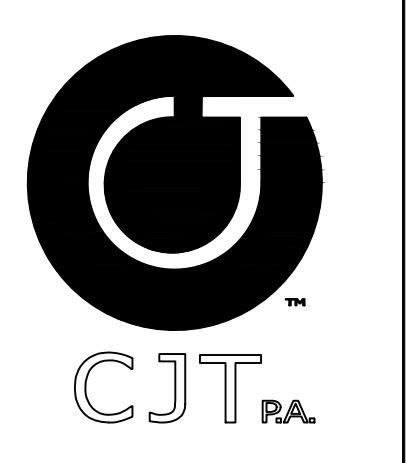
2 TREE PIT WITH ROOT PATH SYSTEM  
CZ-7.0



3 ROOT PATH STREET TREE PLANTING DETAIL  
CZ-7.0

QTY	EVGN	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
<b>CANOPY TREES</b>							
5	N	AF	Acer freemanii	Freeman Maple	2.5" CAL.	14' ht.	AS SHOWN SINGLE TRUNK & LEADER
1	N	APC	Acer platanoides 'Columnare'	Columnar Norway Maple	2.5" CAL.		SINGLE TRUNK & LEADER
3	N	ASL	Acer saccharum 'Legacy'	Legacy Sugar Maple	2.5" CAL.		AS SHOWN SINGLE TRUNK & LEADER
3	N	NS	Nyssa sylvatica	Black gum	2.5" CAL.	14' ht.	AS SHOWN SINGLE TRUNK & LEADER
3	Y	PV	Pinus virginiana	Virginia Pine	2" cal.	12' ht.	AS SHOWN SINGLE TRUNK & LEADER
3	N	OS	Quercus shumardii	Shumard Oak	2.5" CAL.	12' ht.	AS SHOWN SINGLE TRUNK & LEADER
5	N	UP	Ulmus americana 'Princeton'	Princeton American Elm	2.5" CAL.	14' ht.	AS SHOWN SINGLE TRUNK & LEADER
23							
<b>UNDERSTORY TREES</b>							
3	N	AM	Amerlanche arborea	Serviceberry	1" cal.	8' HT.	AS SHOWN MULTI-TRUNK
11	N	CC	Cercis canadensis 'Hearts of Gold'	Hearts of Gold Redbud	1" cal.	8' HT.	AS SHOWN SINGLE TRUNK & LEADER
1	N	CF	Cornus florida	Dogwood	1" cal.	8' HT.	AS SHOWN
4	N	CV	Chionanthus virginiana	Fringetree	1" cal.	8' HT.	AS SHOWN
5	Y	IO	Ilex opaca	American Holly	1" cal.	6' HT.	8' O.C. SINGLE TRUNK & LEADER
3	Y	JV	Juniperus virginiana	Eastern Redcedar		8' HT.	AS SHOWN FULL AND MATCHING
4	N	MC	Myrica cerifera	Eastern Waxmyrtle	8" HT.	AS SHOWN	FULL
5	Y	MLG	Magnolia grandiflora 'Little Gem'	Little Gem Magnolia	1.5" cal.	8' ht.	10' O.C. FULL AND MATCHING
6	Y	MSB	Magnolia virginiana	Sweetbay Magnolia	1.5" cal.	8' ht.	AS SHOWN FULL
2	N	MST	Magnolia stellata 'Royal Star'	Royal Star Magnolia	5" ht		FULL
1	Y	TGG	Thuja x Green Giant	Green Giant Arborvitae	1.5" cal.	8' ht.	10' O.C. FULL
45							
<b>SHRUBS</b>							
11	N	CA	Callicarpa americana	American Beautyberry	24" ht.	5' o.c.	FULL AND MATCHING
4	Y	CHF	Cephalotaxus harringtonia 'Fastigiata'	Upright Plum Yew	36" ht.	AS SHOWN	FULL AND MATCHING
11	Y	CJ	Camellia x 'Taylor's Perfection'	Taylor's Perfection Camellia	24" ht	5' o.c.	FULL AND MATCHING
6	N	HA	Hydrangea anomala ssp. Petiolaris	Climbing Hydrangea	3 gal	AS SHOWN	
5	N	HL	Hydrangea paniculata 'Jane'	Little Lime Hardy Hydrangea	24"	4' o.c.	FULL AND MATCHING
4	Y	HQ	Hydrangea quercifolia	Oakleaf Hydrangea	24" ht	5' o.c.	FULL AND MATCHING
24	Y	IG	Ilex glabra	Inkberry Holly	15" HT.	36" O.C.	FULL AND MATCHING
16	Y	IL	Illicium parvifolia	Anise	24" ht	4' o.c.	FULL AND MATCHING
13	Y	LE	Loropetalum chinense 'Emerald'	Emerald Loropetalum	15" HT.	36" O.C.	FULL AND MATCHING
25	Y	PC	Prunus caroliniana 'Otto Luyken'	Otto Luyken	18" HT.	36" O.C.	FULL AND MATCHING
14	Y	SR	Sarcococca rustica	Sweetbox	18" HT.	36" O.C.	FULL AND MATCHING
0	N	WS	Weigela 'Florida Variegata'	Variegated Weigela	18" HT.	36" O.C.	FULL AND MATCHING
133							

PLANT LIST



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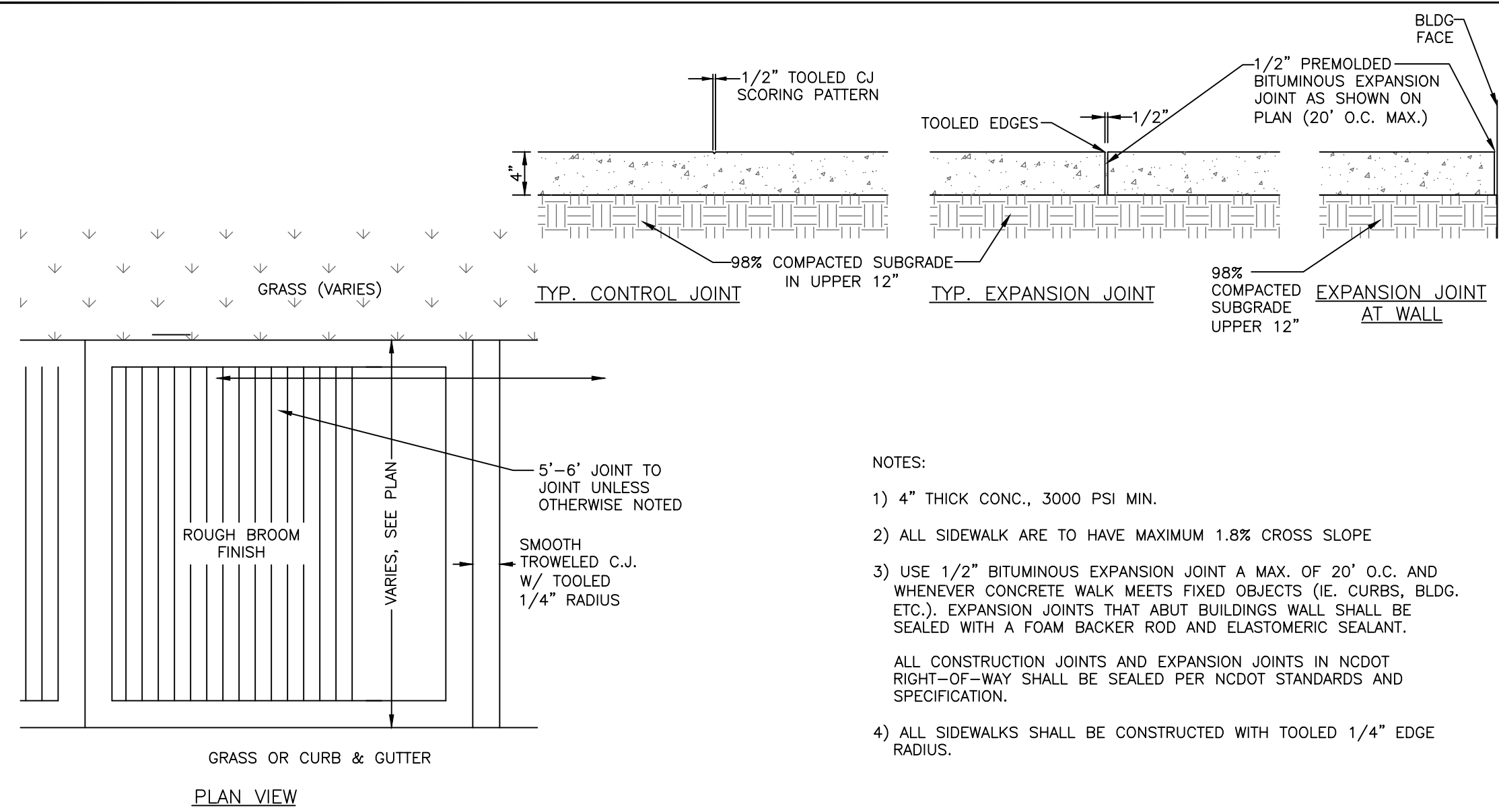
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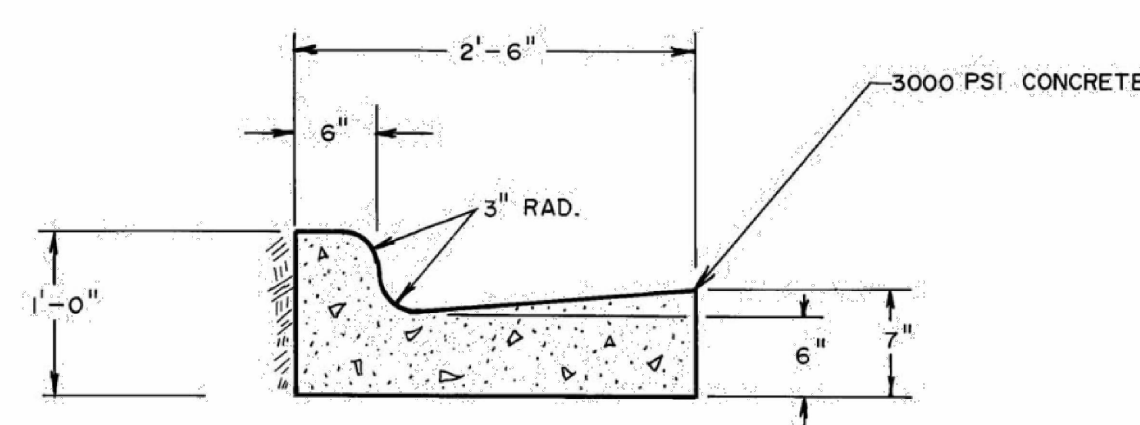
Conditional zoning  
 Sheet Title:

LANDSCAPE PLAN

Sheet Number  
 CZ-7.0

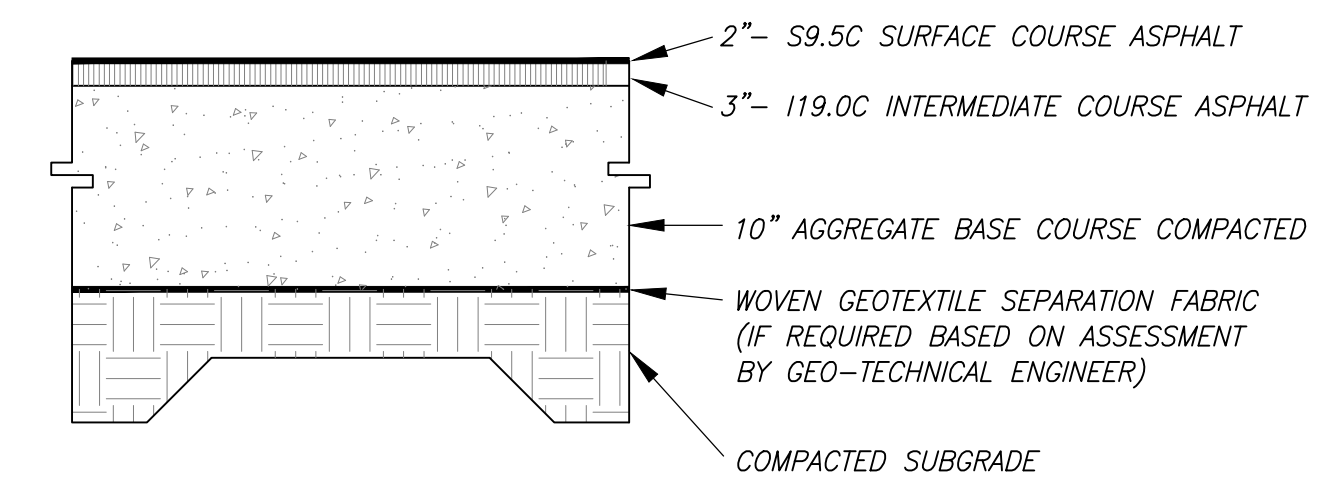


- NOTES:
- 1) 4" THICK CONC., 3000 PSI MIN.
  - 2) ALL SIDEWALK ARE TO HAVE MAXIMUM 1.8% CROSS SLOPE
  - 3) USE 1/2" BITUMINOUS EXPANSION JOINT A MAX. OF 20' O.C. AND WHENEVER CONCRETE WALK MEETS FIXED OBJECTS (I.E. CURBS, BLDG. ETC.), EXPANSION JOINTS THAT ABUT BUILDINGS WALL SHALL BE SEALED WITH A FOAM BACKER ROD AND ELASTOMERIC SEALANT.
  - 4) ALL SIDEWALKS SHALL BE CONSTRUCTED WITH TOOLED 1/4" EDGE RADIUS.
- ALL CONSTRUCTION JOINTS AND EXPANSION JOINTS IN NCDOT RIGHT-OF-WAY SHALL BE SEALED PER NCDOT STANDARDS AND SPECIFICATION.

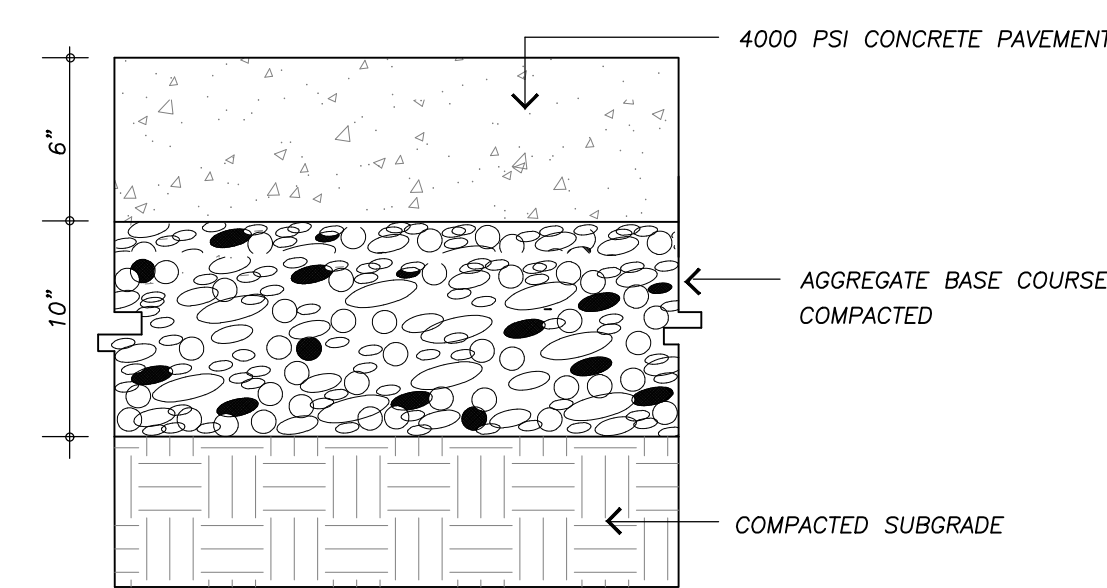


SCALE: 1"=1'-0"

<b>TITLE</b>	<b>REVISIONS</b>	<b>DET.NO.</b>
CURB & GUTTER SECTION	NO DATE BY	ST-2

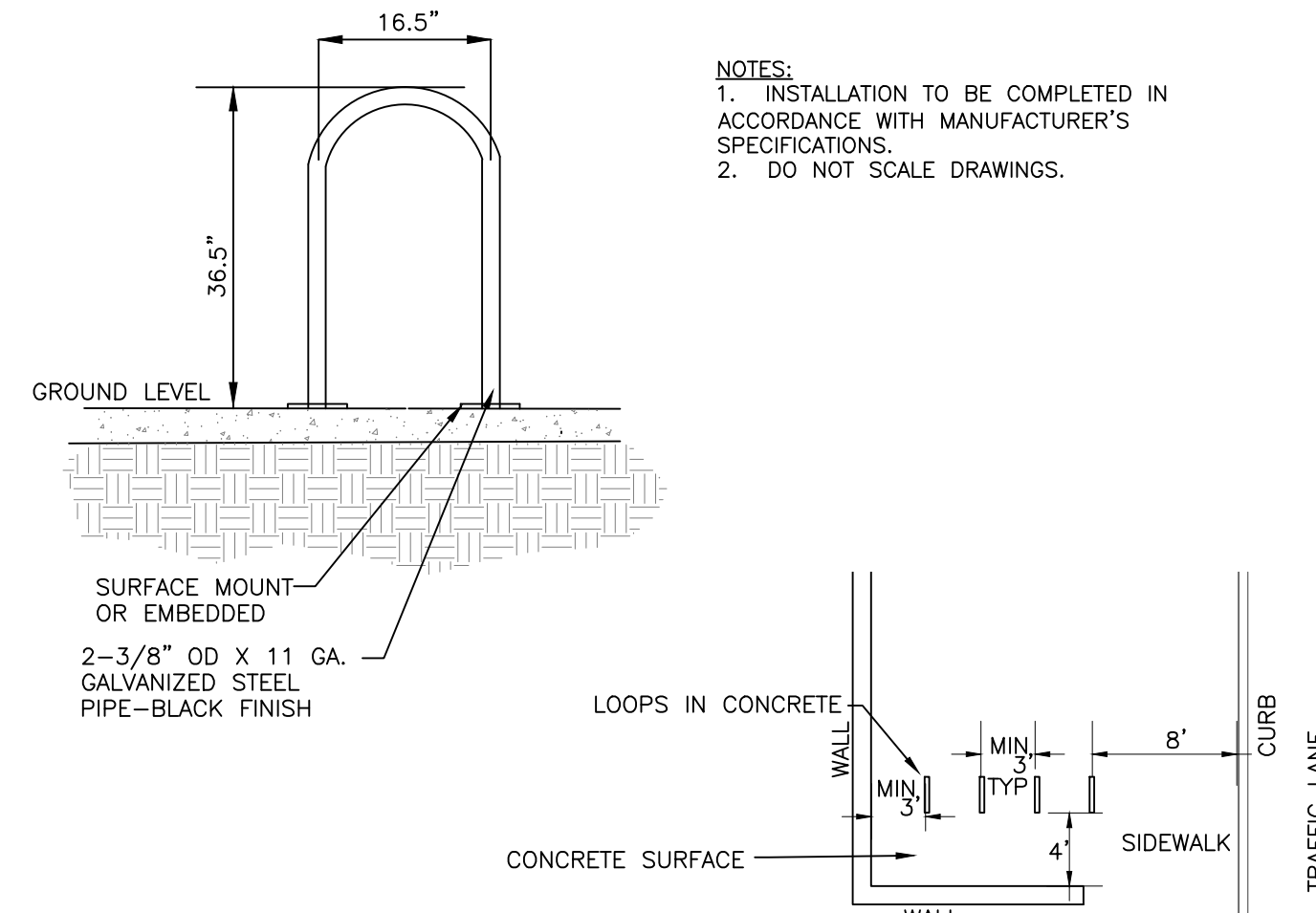


FINAL PAVEMENT SECTION IS PROVIDED BY GEO-TECHNICAL ENGINEER BASED SITE SPECIFIC GEO-TECHNICAL REPORT

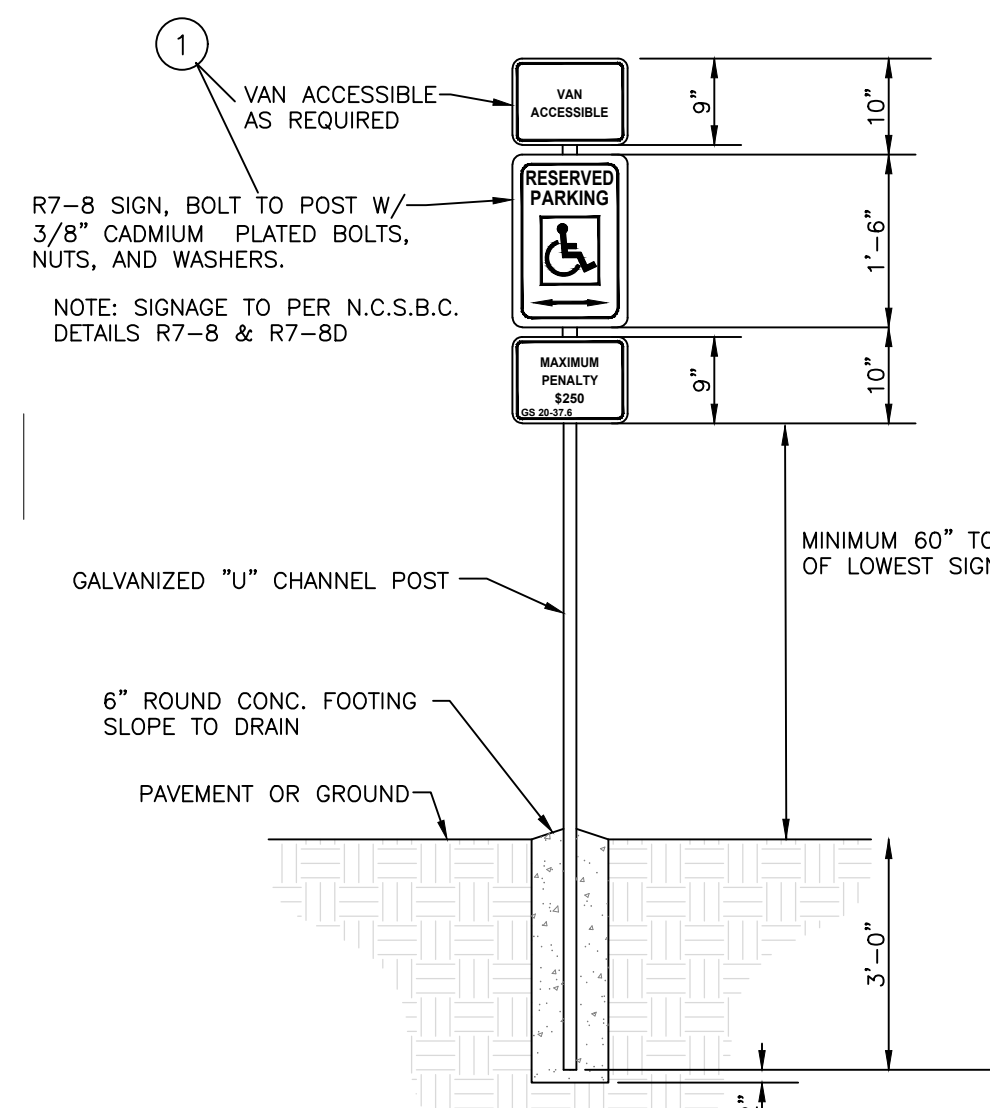
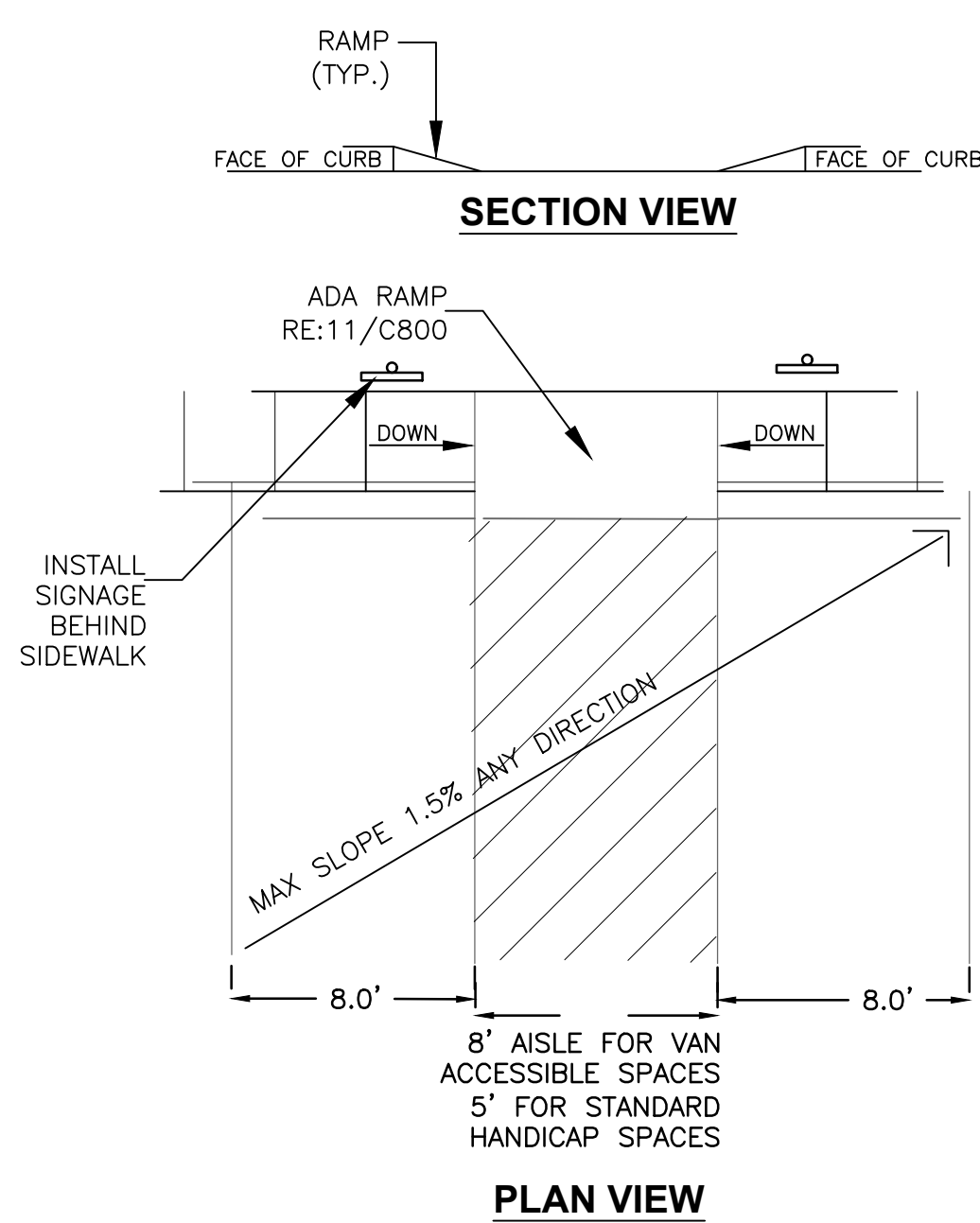
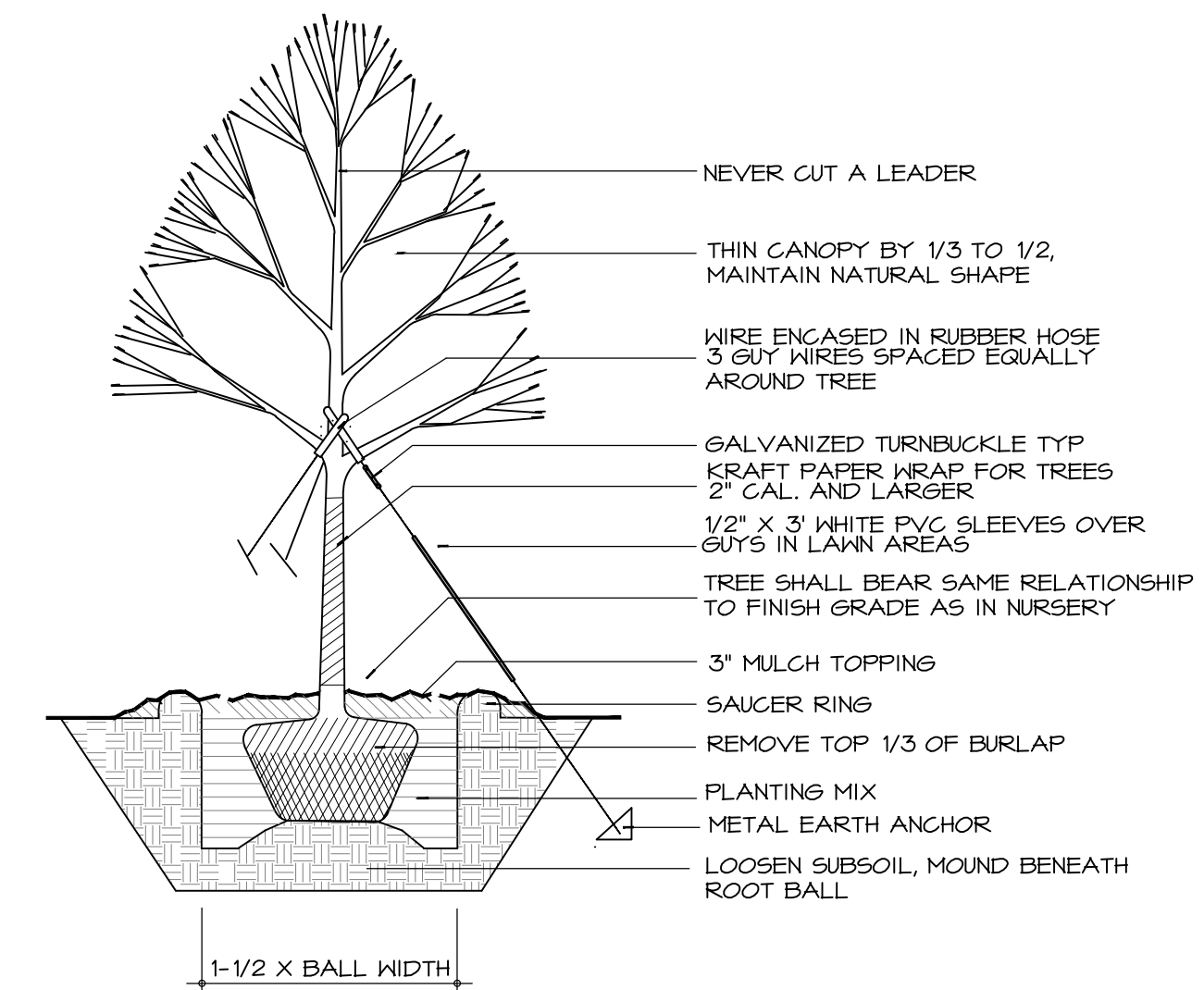


- NOTES:
1. ALL CONCRETE TO 4000 PSI, PROPERLY AIR ENTRAINED FOR EXTERIOR GRADE CONCRETE MIXES.
  2. ABC BASE AND SOIL SUBGRADE TO BE COMPACTED TO 98% OF THE ASTM D-698 STD. PROCTOR MOD IN ACCORDANCE WITH THE REPORT BY THE GEOTECHNICAL ENGINEER AND PROFFERED AND APPROVED BY GEOTECHNICAL PERSONNEL.
  3. CONTRACTOR SHALL INSTALL CONTRACTION AND EXPANSION JOINTS AS NECESSARY TO MINIMIZE CRACKING. CONTRACTION JOINTS SHALL BE SPACED AT 10' MAXIMUM EACH WAY WITH ACTUAL PATTERN BASED ON FIELD CONDITIONS. JOINTS SHALL BE TOOLED OR SAW CUT TO A MINIMUM DEPTH OF 2". EXPANSION JOINTS SHALL BE INSTALLED BETWEEN PAVEMENT AND ANY RIGID OBJECTS AND SPACED AS SPECIFIED IN LATEST VERSION OF ACI STANDARDS.
  4. ALL PAVEMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH LATEST VERSION OF ACI STANDARDS AND THE REPORT BY THE GEOTECHNICAL ENGINEER.

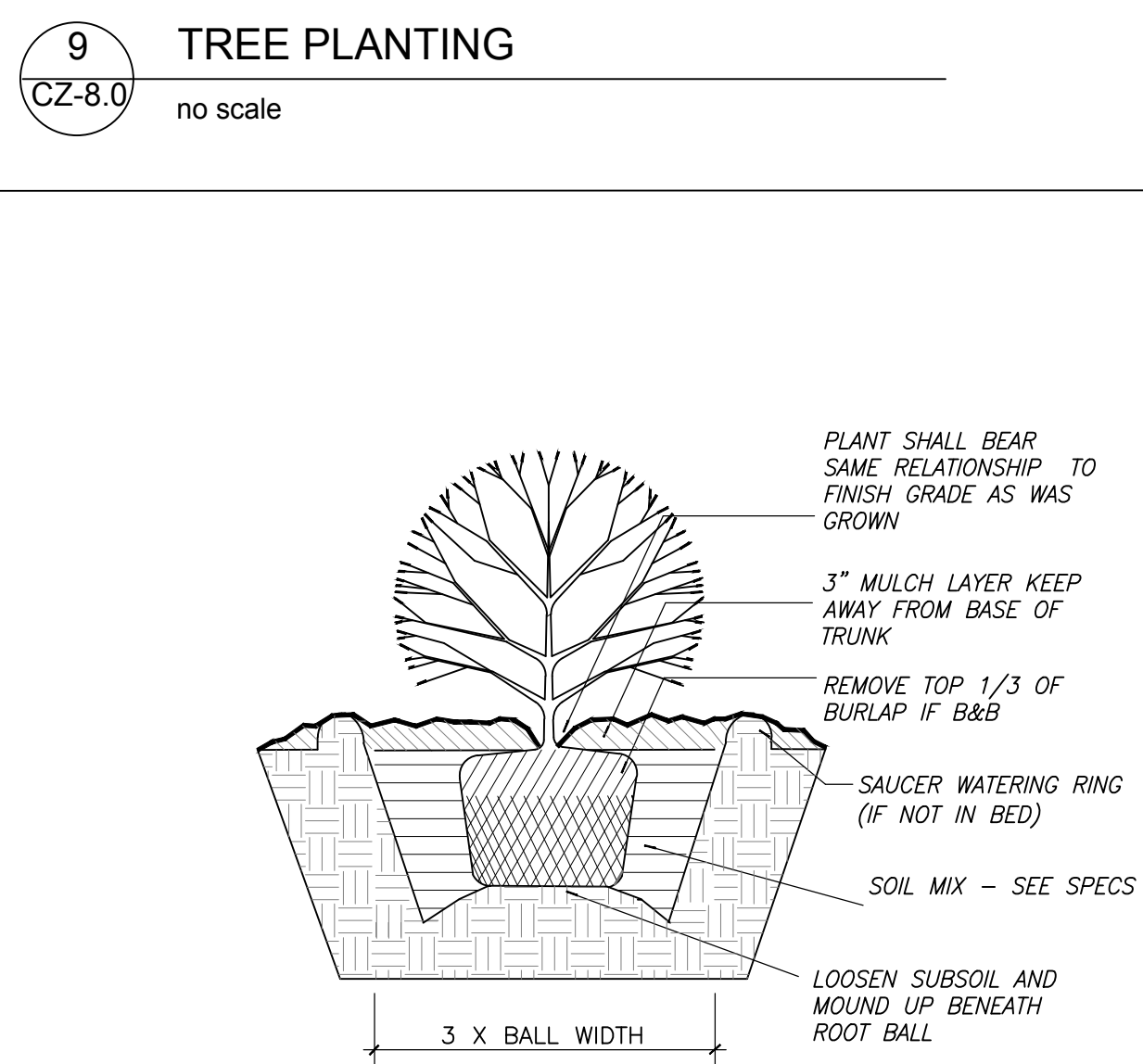
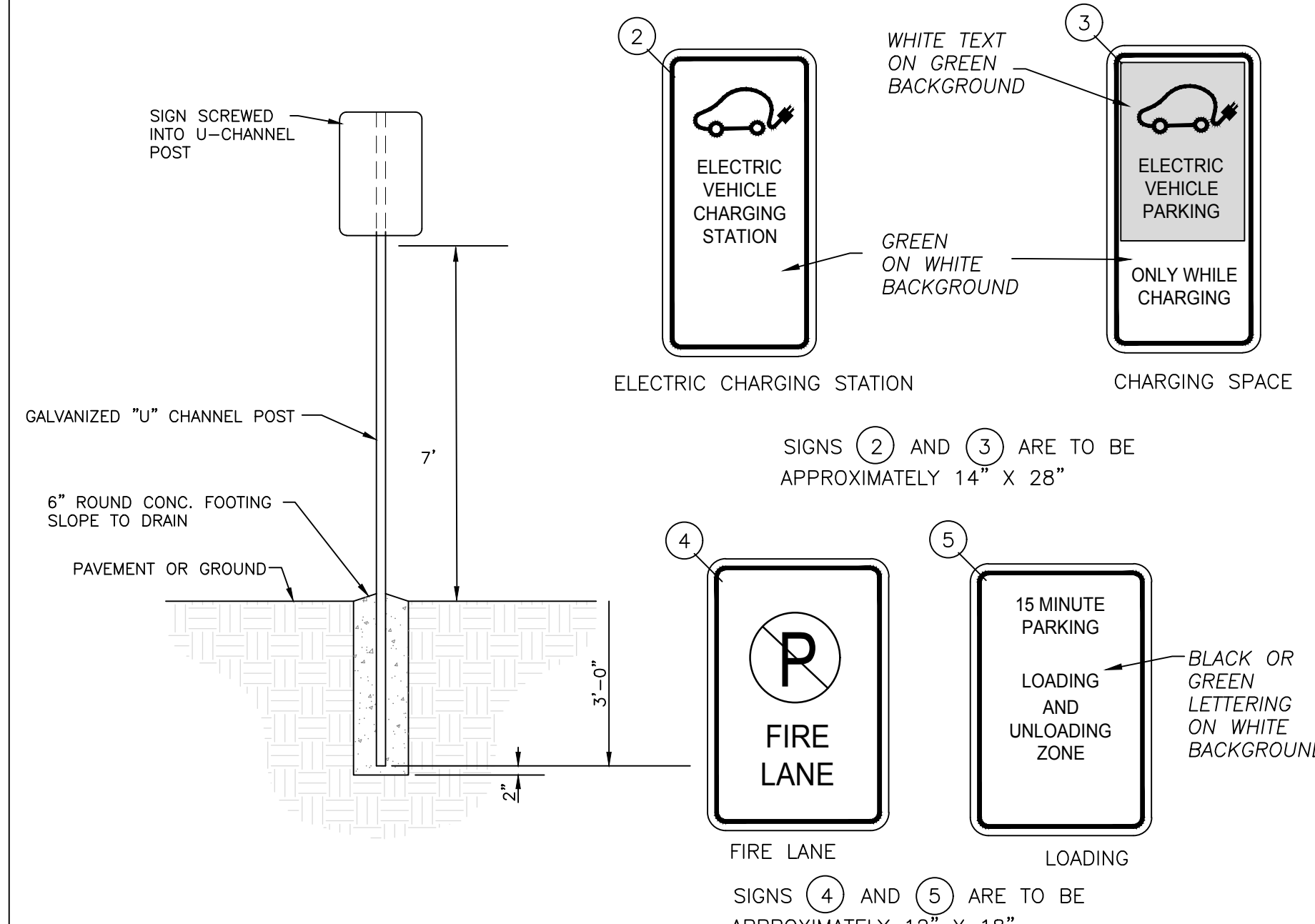
**5 HEAVY DUTY CONCRETE PAVING (NORTH SERVICE DRIVEWAY)**  
CZ-8.0 no scale



- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
  2. DO NOT SCALE DRAWINGS.



- GENERAL NOTES:
1. REGARDLESS OF AGE, ALL ACCESSIBLE SPACES SHALL BE IDENTIFIED BY ABOVE-GROUND SIGNS ONLY.
  2. NEW SPACES SHALL NOT USE GROUND-PAINTED SYMBOLS.
  3. ACCESSIBLE SPACES ARE REQUIRED TO BE STRIPED OFF ONLY; BLUE COLORING IS NOT NECESSARY NOR REQUIRED.
  4. STRIPING IS WHITE ON DARK PAVEMENT; BLACK ON LIGHT PAVEMENT. (N.C.D.O.T.)



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Conditional zoning

Sheet Title:  
**SITE DETAILS**

Sheet Number  
**CZ-8.0**

# ROSEMARY / COLUMBIA HOTEL

**GENERAL NOTE:**  
 IN TC2 WITHIN NCD THE PRIMARY HEIGHT IS 40' ABOVE MEAN FINISH GRADE WITH A SECONDARY HEIGHT OF 50' EXCEPT WHERE ADJACENT TO "R" ZONING WHERE THE PRIMARY BUILDING HEIGHT IS 30'.  
 THIS PROJECT PROPOSES TO BE WITHIN THE REQUIRED SOLAR OVERLAY OTHER THAN THE 5TH FLOOR AND PORTIONS OF THE 4TH FLOOR AS ILLUSTRATED BELOW.

**WEST ROSEMARY STREET DESIGN GUIDELINES**

THE PROJECT PROPOSES TO MEET THE GUIDELINES OF THE WEST ROSEMARY STREET DEVELOPMENT GUIDE IN THE FOLLOWING MANNER:

- PUBLIC REALM:**
1. PROVIDING SUFFICIENT SPACE FOR PEDESTRIANS ALONG ROSEMARY ST.
  2. PROVIDING IMPROVED AND CONTINUOUS SIDEWALKS ALONG ROSEMARY ST.
  3. EXISTING ROSEMARY ST LIGHTING IS ALREADY IN PLACE. ADDITIONAL LIGHTING WILL BE PROVIDED ON THE BUILDING FACADE TO CREATE A SAFE AND WELCOMING PEDESTRIAN EXPERIENCE.
  4. INFRASTRUCTURE WILL BE SCREENED TO MINIMIZE VISIBILITY FROM THE PUBLIC.
  5. GUIDELINES RECOMMEND THE FOLLOWING FROM BACK OF CURB ON ROSEMARY ST. 5' LANDSCAPE BUFFER, 10' PEDESTRIAN ZONE, AND 5' SUPPLEMENTAL ZONE. PROJECT PROPOSES SUBSTANTIAL COMPLIANCE WITH THIS RECOMMENDATION OTHER THAN A PORTION OF THE BUILDING WHICH ENCLOSES INTO THE 5' SUPPLEMENTAL ZONE.
  6. ALL OPERATIONS DELIVERIES AND LOADING AREAS WILL BE MANAGED VIA BACK OF HOUSE PROGRAM.
  7. THE PROJECT PROPOSES TO REDUCE THE NUMBER OF EXISTING CURB CUTS.

**RIGHT OF WAY:**

1. PARKING IS PROPOSED TO BE STRUCTURED AND WILL BE SCREENED TO MINIMIZE VISIBILITY FROM THE PUBLIC RIGHT OF WAY.

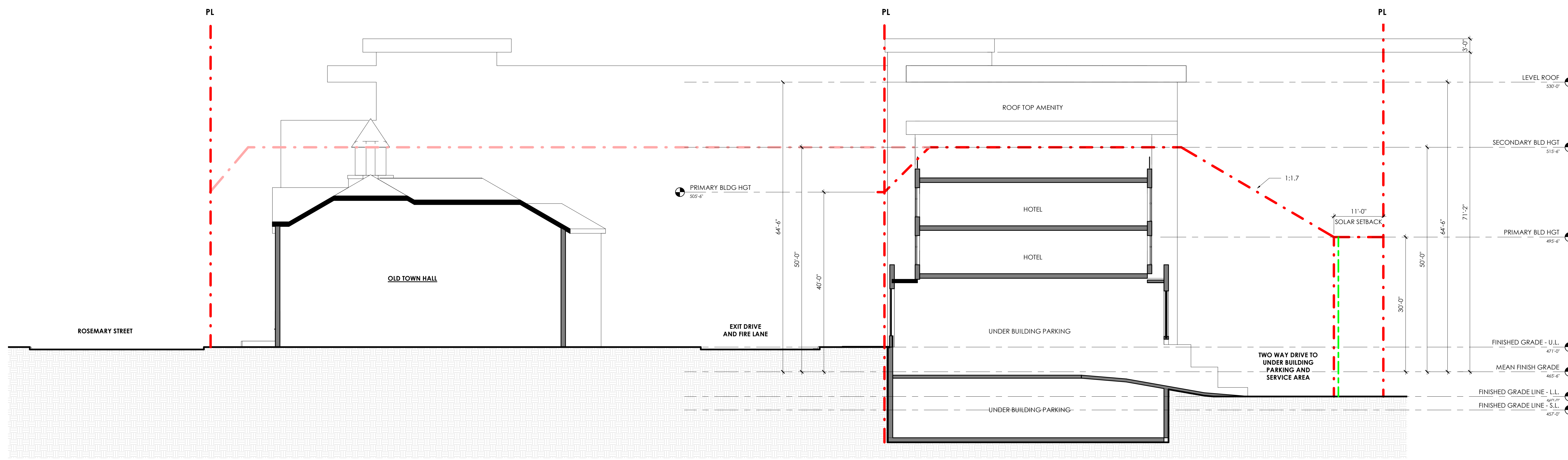
- BUILDING DESIGN:**
1. ALL BUILDING ENTRIES ARE PROVIDED OFF OF PUBLIC STREETS OR PUBLIC AREAS.
  2. PEDESTRIAN SCALE SIGNAGE AND AMENITIES WILL BE CONSIDERED AND ENCOURAGED.
  3. VERTICAL BAYS, VARIETY IN THE UPPER CORNICE HEIGHTS AND VISUAL BREAKS IN THE FACADE WILL BE CONSIDERED.
  4. WHERE POSSIBLE, UTILITY SERVICES WILL BE LOCATED BELOW GROUND OR IN THE REAR OF THE SITE TO MINIMIZE VISIBILITY FROM THE PUBLIC RIGHT OF WAY.
  5. THE PROJECT PROPOSES DEFINING AND ENCOURAGING PEDESTRIAN ACTIVITY ALONG THE GROUND FLOOR OF THE BUILDING.
  6. THE PROJECT PROPOSES TO ACCENTUATE VISIBLE CORNERS TO CELEBRATE KEY BUILDING CORNERS.
  7. ALL GLAZING AT GROUND LEVEL RETAIL, SERVICE, AND TRADE USES THAT FACE A PUBLIC SPACE WILL HAVE CLEAR GLASS ON AT LEAST 60% OF THEIR FACADE BETWEEN 3 FEET AND 8 FEET ABOVE GRADE.
  8. THE USE OF CANOPIES WILL BE UTILIZED NEAR RETAIL SPACES.
  9. PERPENDICULAR SIGNAGE AND PLANTERS AND OR LANDSCAPING WILL BE USED ALONG PUBLIC SPACES THAT ARE NEAR RETAIL.
  10. THE USE OF DIFFERENT PAVING TYPES WILL BE UTILIZED TO DELINEATE PUBLIC VS SEMI-PRIVATE SPACES.
  11. GROUND LEVEL GLAZING AROUND PUBLIC SPACES WITH BE CLEAR OR SPANDREL.
  12. ALTHOUGH THE PROJECT DOES PROPOSE TO EXCEED THE HEIGHT LIMITS OUTLINED IN THE GUIDELINES AND THE ORDINANCE, THE BUILDING DOES NOT EXTEND TO THE SETBACK LINE WHERE ADJACENT TO A RESIDENTIAL USE. THIS ALLOWS FOR THE PROJECT TO MEET AND EXCEED THE REQUIRED LANDSCAPE BUFFERS ADJACENT TO RESIDENTIAL USE. THE PROJECT ALSO PROPOSES TO ELIMINATE THE NW CORNER OF THE TOP FLOOR TO ASSIST IN MINIMIZING MASSING ADJACENT TO RESIDENTIAL USES.
  13. THE PROJECT PROPOSES TO MEET ALL BUFFERS NOTED IN THE GUIDELINES AND REQUIRED BY ORDINANCE OTHER THAN THE NORTH BUFFER WHERE THE PROPERTY IS ADJACENT TO A LAW OFFICE ZONED O-1. BASED ON PAST EXPERIENCE WITH PROJECTS IN TOWN AND UPON EXAMINATION OF SIMILAR DOWNTOWN (URBAN) CONDITIONS, THE PROJECT CONTENDS THAT AN ALTERNATE BUFFER AT THIS LOCATION SHOULD BE CONSIDERED AS TWO COMMERCIAL PROPERTIES ARE ADJACENT TO EACH OTHER. AT THIS LOCATION, POTENTIAL NUISANCES (NOISE, DUST, ODOR, GLARE OF LIGHTS) ARE MITIGATED THROUGH LANDSCAPING AND BUILDING PROGRAM ORIENTATION.
  14. AT THE COLUMBIA ST FRONTAGE, THE PROJECT PROPOSES AN ALTERNATE MINIMIZED BUFFER TO THE REQUIRED 30' WIDE "D" LANDSCAPE BUFFER TO ALLOW FOR THE BUILDING TO ENGAGE THE STREETSCAPE IN A SIMILAR MANNER (ALBET NOT PROGRAMMED SPACE) TO WHAT IS BEING PROVIDED ON ROSEMARY ST.
  15. AS ILLUSTRATED IN THE SOLAR ELEVATION STUDIES, THE PROJECT PROPOSES TO MEET ALL REQUIRED SOLAR SETBACKS DEFINED WITHIN THE GUIDELINES AND ORDINANCE OTHER THAN THE EXCEPTION OF THE BUILDING HEIGHT ENCROACHMENT OF THE 5TH AND PARTIAL 4TH FLOOR.

**CHAPEL HILL LAND USE MANAGEMENT ORDINANCE**

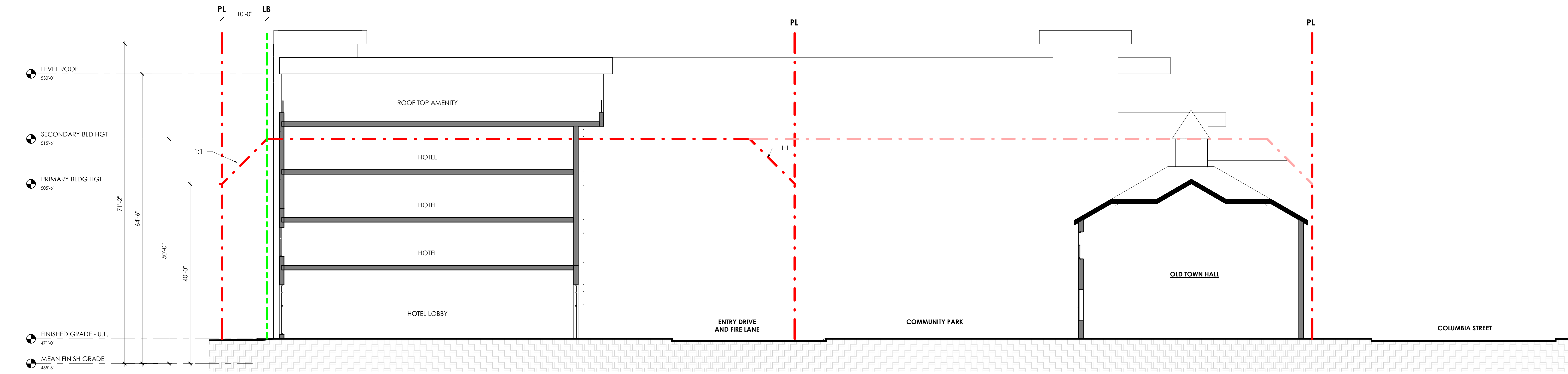
3.8.3 EXCEPTIONS TO SETBACK AND HEIGHT REGULATIONS.  
 (B) THE FOLLOWING FEATURES MAY PROJECT ABOVE THE BUILDING ENVELOPE DEFINED BY THE MAXIMUM HEIGHT LIMITATIONS AND ADDITIONAL SETBACK REQUIREMENTS CONTAINED IN RULES FOR INTERPRETATION OF TABLE 3.8-1, COLUMNS (F) AND (G), BELOW, PROVIDED THE TOWN MANAGER DETERMINES THAT SUCH FEATURES DO NOT SIGNIFICANTLY IMPAIR THE DEGREE OF SOLAR ACCESS PROVIDED ADJACENT PROPERTIES THROUGH APPLICATION OF THE APPROPRIATE SOLAR SETBACK REQUIREMENTS:  
 (1) CHIMNEYS, ACCESSORY RADIO OR TELEVISION ANTENNAS, FLAGPOLES, MONUMENTS, CUPOLAS, PARAPETS, DORMERS, CLOCK TOWERS OR DECORATIVE TOWERS WITH A FOOTPRINT NOT EXCEEDING TWENTY (20) PERCENT OF THE PRINCIPAL BUILDING, PROVIDED THE PROJECTION OF SUCH STRUCTURES ABOVE THE BUILDING ENVELOPE DOES NOT EXCEED FIFTEEN (15) PERCENT OF THE MAXIMUM HEIGHT LIMITATION THAT DEFINES THE PORTION OF THE BUILDING ENVELOPE PENETRATED BY SUCH STRUCTURES;

**DRAWING LEGEND**

- PROPERTY LINE (PL) & SETBACKS / SOLAR SETBACKS (DIMENSIONAL MATRIX RESTRICTIONS) - - - - -
- LANDSCAPE BUFFER (LB) - - - - -



**EAST ELEVATION - COLUMBIA WING** ②  
 3/32" = 1'-0"

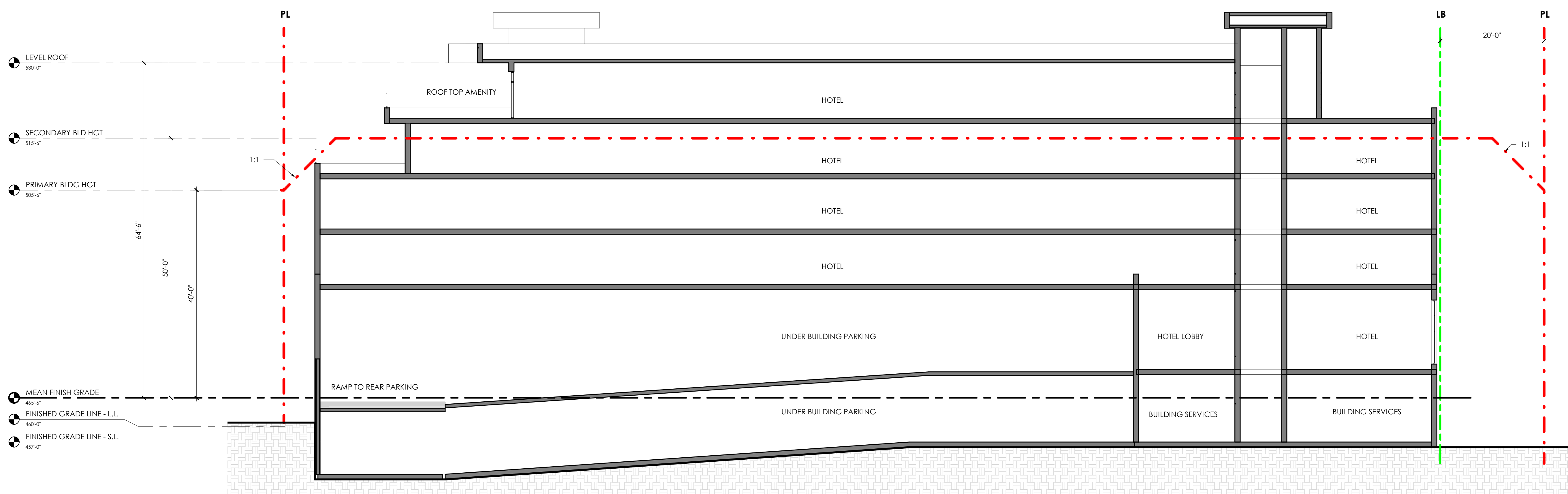


**SOUTH ELEVATION - ROSEMARY WING** ①  
 3/32" = 1'-0"

# ROSEMARY / COLUMBIA HOTEL



**WEST ELEVATION - ROSEMARY WING** ②  
 3/32" = 1'-0"



**NORTH ELEVATION - COLUMBIA WING** ①  
 3/32" = 1'-0"

**GENERAL NOTE:**  
 IN TC2 WITHIN NCD THE PRIMARY HEIGHT IS 40' ABOVE MEAN FINISH GRADE WITH A SECONDARY HEIGHT OF 50' EXCEPT WHERE ADJACENT TO "R" ZONING WHERE THE PRIMARY BUILDING HEIGHT IS 30'.  
 THIS PROJECT PROPOSES TO BE WITHIN THE REQUIRED SOLAR OVERLAY OTHER THAN THE 5TH FLOOR AND PORTIONS OF THE 4TH FLOOR AS ILLUSTRATED BELOW.

**WEST ROSEMARY STREET DESIGN GUIDELINES**

THE PROJECT PROPOSES TO MEET THE GUIDELINES OF THE WEST ROSEMARY STREET DEVELOPMENT GUIDE IN THE FOLLOWING MANNER:

- PUBLIC REALM:**
1. PROVIDING SUFFICIENT SPACE FOR PEDESTRIANS ALONG ROSEMARY ST.
  2. PROVIDING IMPROVED AND CONTINUOUS SIDEWALKS ALONG ROSEMARY ST.
  3. EXISTING ROSEMARY ST LIGHTING IS ALREADY IN PLACE. ADDITIONAL LIGHTING WILL BE PROVIDED ON THE BUILDING FACADE TO CREATE A SAFE AND WELCOMING PEDESTRIAN EXPERIENCE.
  4. INFRASTRUCTURE WILL BE SCREENED TO MINIMIZE VISIBILITY FROM THE PUBLIC.
  5. GUIDELINES RECOMMEND THE FOLLOWING FROM BACK OF CURB ON ROSEMARY ST. 5' LANDSCAPE BUFFER, 10' PEDESTRIAN ZONE, AND 5' SUPPLEMENTAL ZONE. PROJECT PROPOSES SUBSTANTIAL COMPLIANCE WITH THIS RECOMMENDATION OTHER THAN A PORTION OF THE BUILDING WHICH ENCLOSES INTO THE 5' SUPPLEMENTAL ZONE.
  6. ALL OPERATIONS DELIVERIES AND LOADING AREAS WILL BE MANAGED VIA BACK OF HOUSE PROGRAM.
  7. THE PROJECT PROPOSES TO REDUCE THE NUMBER OF EXISTING CURB CUTS.

**RIGHT OF WAY:**

1. PARKING IS PROPOSED TO BE STRUCTURED AND WILL BE SCREENED TO MINIMIZE VISIBILITY FROM THE PUBLIC RIGHT OF WAY.

**BUILDING DESIGN:**

1. ALL BUILDING ENTRIES ARE PROVIDED OFF OF PUBLIC STREETS OR PUBLIC AREAS.
2. PEDESTRIAN SCALE SIGNAGE AND AMENITIES WILL BE CONSIDERED AND ENCOURAGED.
3. VERTICAL BAYS, VARIETY IN THE UPPER CORNICE HEIGHTS AND VISUAL BREAKS IN THE FACADE WILL BE CONSIDERED.
4. WHERE POSSIBLE, UTILITY SERVICES WILL BE LOCATED BELOW GROUND OR IN THE REAR OF THE SITE TO MINIMIZE VISIBILITY FROM THE PUBLIC RIGHT OF WAY.
5. THE PROJECT PROPOSES DEFINING AND ENCOURAGING PEDESTRIAN ACTIVITY ALONG THE GROUND FLOOR OF THE BUILDING.
6. THE PROJECT PROPOSES TO ACCENTUATE VISIBLE CORNERS TO CELEBRATE KEY BUILDING CORNERS.
7. ALL GLAZING AT GROUND LEVEL RETAIL, SERVICE, AND TRADE USES THAT FACE A PUBLIC SPACE WILL HAVE CLEAR GLASS ON AT LEAST 60% OF THEIR FACADE BETWEEN 3 FEET AND 8 FEET ABOVE GRADE.
8. THE USE OF CANOPIES WILL BE UTILIZED NEAR RETAIL SPACES.
9. PERPENDICULAR SIGNAGE AND PLANTERS AND OR LANDSCAPING WILL BE USED ALONG PUBLIC SPACES THAT ARE NEAR RETAIL.
10. THE USE OF DIFFERENT PAVING TYPES WILL BE UTILIZED TO DELINEATE PUBLIC VS SEMI-PRIVATE SPACES.
11. GROUND LEVEL GLAZING AROUND PUBLIC SPACES WITH BE CLEAR OR SPANDREL.
12. ALTHOUGH THE PROJECT DOES PROPOSE TO EXCEED THE HEIGHT LIMITS OUTLINED IN THE GUIDELINES AND THE ORDINANCE, THE BUILDING DOES NOT EXTEND TO THE SETBACK LINE WHERE ADJACENT TO A RESIDENTIAL USE. THIS ALLOWS FOR THE PROJECT TO MEET AND EXCEED THE REQUIRED LANDSCAPE BUFFERS ADJACENT TO RESIDENTIAL USE. THE PROJECT ALSO PROPOSES TO ELIMINATE THE NW CORNER OF THE TOP FLOOR TO ASSIST IN MINIMIZING MASSING ADJACENT TO RESIDENTIAL USES.
13. THE PROJECT PROPOSES TO MEET ALL BUFFERS NOTED IN THE GUIDELINES AND REQUIRED BY ORDINANCE OTHER THAN THE NORTH BUFFER WHERE THE PROPERTY IS ADJACENT TO A LAW OFFICE ZONED O-1. BASED ON PAST EXPERIENCE WITH PROJECTS IN TOWN AND UPON EXAMINATION OF SIMILAR DOWNTOWN (URBAN) CONDITIONS, THE PROJECT CONTENDS THAT AN ALTERNATE BUFFER AT THIS LOCATION SHOULD BE CONSIDERED AS TWO COMMERCIAL PROPERTIES ARE ADJACENT TO EACH OTHER. AT THIS LOCATION, POTENTIAL NUISANCES (NOISE, DUST, ODOR, GLARE OF LIGHTS) ARE MITIGATED THROUGH LANDSCAPING AND BUILDING PROGRAM ORIENTATION.
14. AT THE COLUMBIA ST FRONTAGE, THE PROJECT PROPOSES AN ALTERNATE MINIMIZED BUFFER TO THE REQUIRED 30' WIDE "D" LANDSCAPE BUFFER TO ALLOW FOR THE BUILDING TO ENGAGE THE STREETScape IN A SIMILAR MANNER (ALBET NOT PROGRAMMED SPACE) TO WHAT IS BEING PROVIDED ON ROSEMARY ST.
15. AS ILLUSTRATED IN THE SOLAR ELEVATION STUDIES, THE PROJECT PROPOSES TO MEET ALL REQUIRED SOLAR SETBACKS DEFINED WITHIN THE GUIDELINES AND ORDINANCE OTHER THAN THE EXCEPTION OF THE BUILDING HEIGHT ENCROACHMENT OF THE 5TH AND PARTIAL 4TH FLOOR.

**CHAPEL HILL LAND USE MANAGEMENT ORDINANCE**

3.8.3 EXCEPTIONS TO SETBACK AND HEIGHT REGULATIONS.  
 (B) THE FOLLOWING FEATURES MAY PROJECT ABOVE THE BUILDING ENVELOPE DEFINED BY THE MAXIMUM HEIGHT LIMITATIONS AND ADDITIONAL SETBACK REQUIREMENTS CONTAINED IN RULES FOR INTERPRETATION OF TABLE 3.8-1, COLUMNS (F) AND (G), BELOW, PROVIDED THE TOWN MANAGER DETERMINES THAT SUCH FEATURES DO NOT SIGNIFICANTLY IMPAIR THE DEGREE OF SOLAR ACCESS PROVIDED ADJACENT PROPERTIES THROUGH APPLICATION OF THE APPROPRIATE SOLAR SETBACK REQUIREMENTS:  
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**DRAWING LEGEND**

- PROPERTY LINE (PL) & SETBACKS / SOLAR SETBACKS (DIMENSIONAL MATRIX RESTRICTIONS) - - - - -
- LANDSCAPE BUFFER (LB) - - - - -

## ROSEMARY / COLUMBIA HOTEL

**GENERAL NOTE:**  
 IN TC2 WITHIN NCD THE PRIMARY HEIGHT IS 40' ABOVE MEAN FINISH GRADE WITH A SECONDARY HEIGHT OF 50' EXCEPT WHERE ADJACENT TO "R" ZONING WHERE THE PRIMARY BUILDING HEIGHT IS 30'.  
 THIS PROJECT PROPOSES TO BE WITHIN THE REQUIRED SOLAR OVERLAY OTHER THAN THE 5TH FLOOR AND PORTIONS OF THE 4TH FLOOR AS ILLUSTRATED BELOW.

**WEST ROSEMARY STREET DESIGN GUIDELINES**

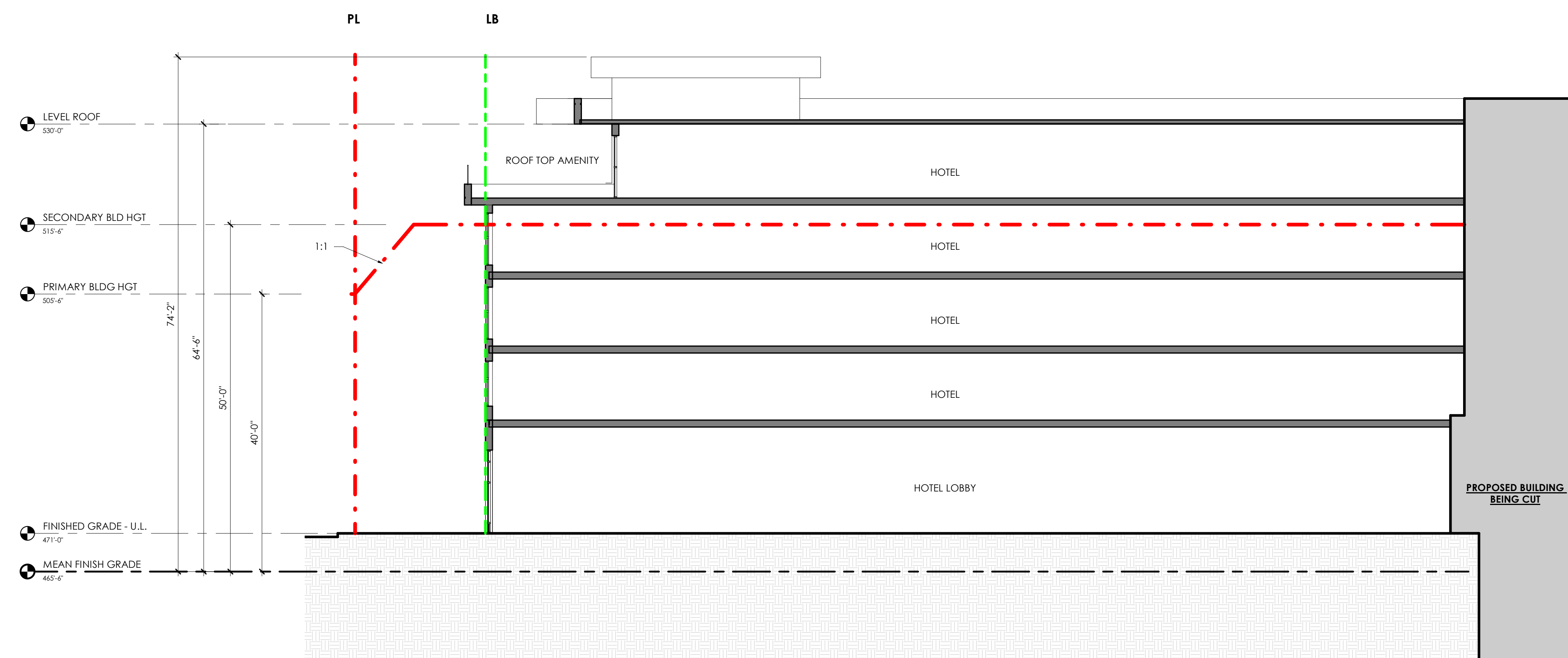
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  2. PROVIDING IMPROVED AND CONTINUOUS SIDEWALKS ALONG ROSEMARY ST.
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  7. THE PROJECT PROPOSES TO REDUCE THE NUMBER OF EXISTING CURB CUTS.

**RIGHT OF WAY:**

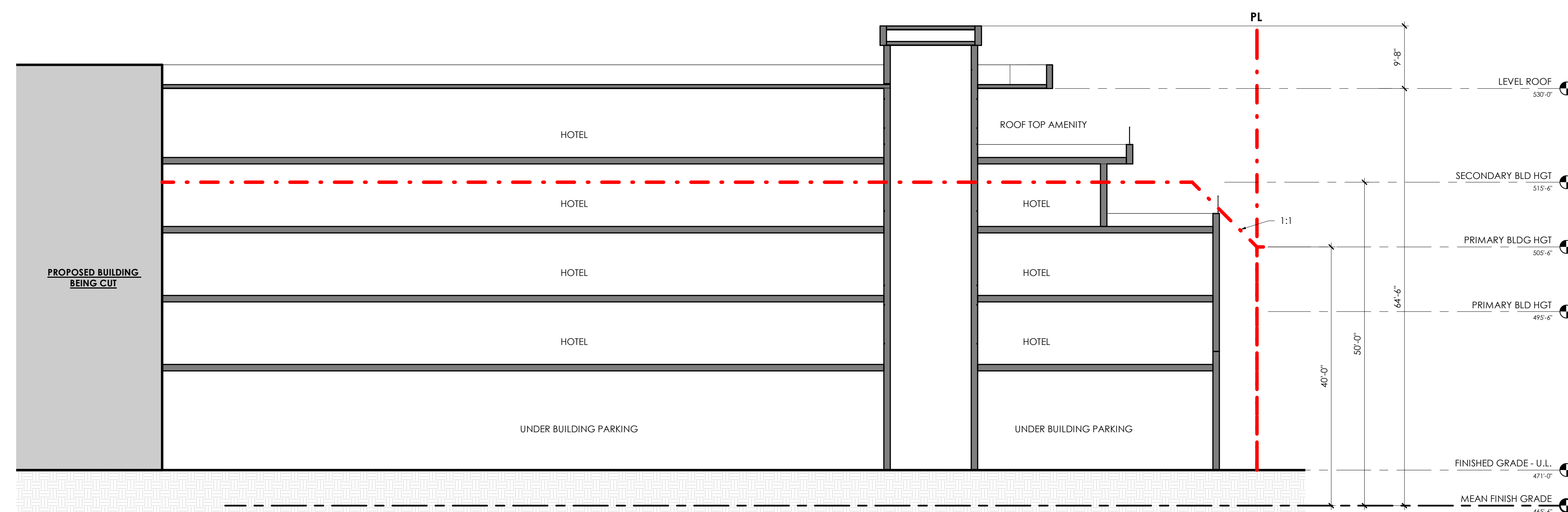
1. PARKING IS PROPOSED TO BE STRUCTURED AND WILL BE SCREENED TO MINIMIZE VISIBILITY FROM THE PUBLIC RIGHT OF WAY.

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**EAST ELEVATION - ROSEMARY WING** ②

3/32" = 1'-0"



**SOUTH ELEVATION - COLUMBIA WING** ①

3/32" = 1'-0"

**CHAPEL HILL LAND USE MANAGEMENT ORDINANCE**

3.8.3 EXCEPTIONS TO SETBACK AND HEIGHT REGULATIONS.  
 (B) THE FOLLOWING FEATURES MAY PROJECT ABOVE THE BUILDING ENVELOPE DEFINED BY THE MAXIMUM HEIGHT LIMITATIONS AND ADDITIONAL SETBACK REQUIREMENTS CONTAINED IN RULES FOR INTERPRETATION OF TABLE 3.8-1, COLUMNS (F) AND (G), BELOW, PROVIDED THE TOWN MANAGER DETERMINES THAT SUCH FEATURES DO NOT SIGNIFICANTLY IMPAIR THE DEGREE OF SOLAR ACCESS PROVIDED ADJACENT PROPERTIES THROUGH APPLICATION OF THE APPROPRIATE SOLAR SETBACK REQUIREMENTS:  
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**DRAWING LEGEND**

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