

1200 MLK

SPECIAL USE PERMIT APPLICATION CHAPEL HILL, NORTH CAROLINA

OWNER / CLIENT:

STACKHOUSE PROPERTIES, LLC
PO BOX 14466
RTP, NC 27709
919-408-7150

APPLICANT / CONSULTANT:

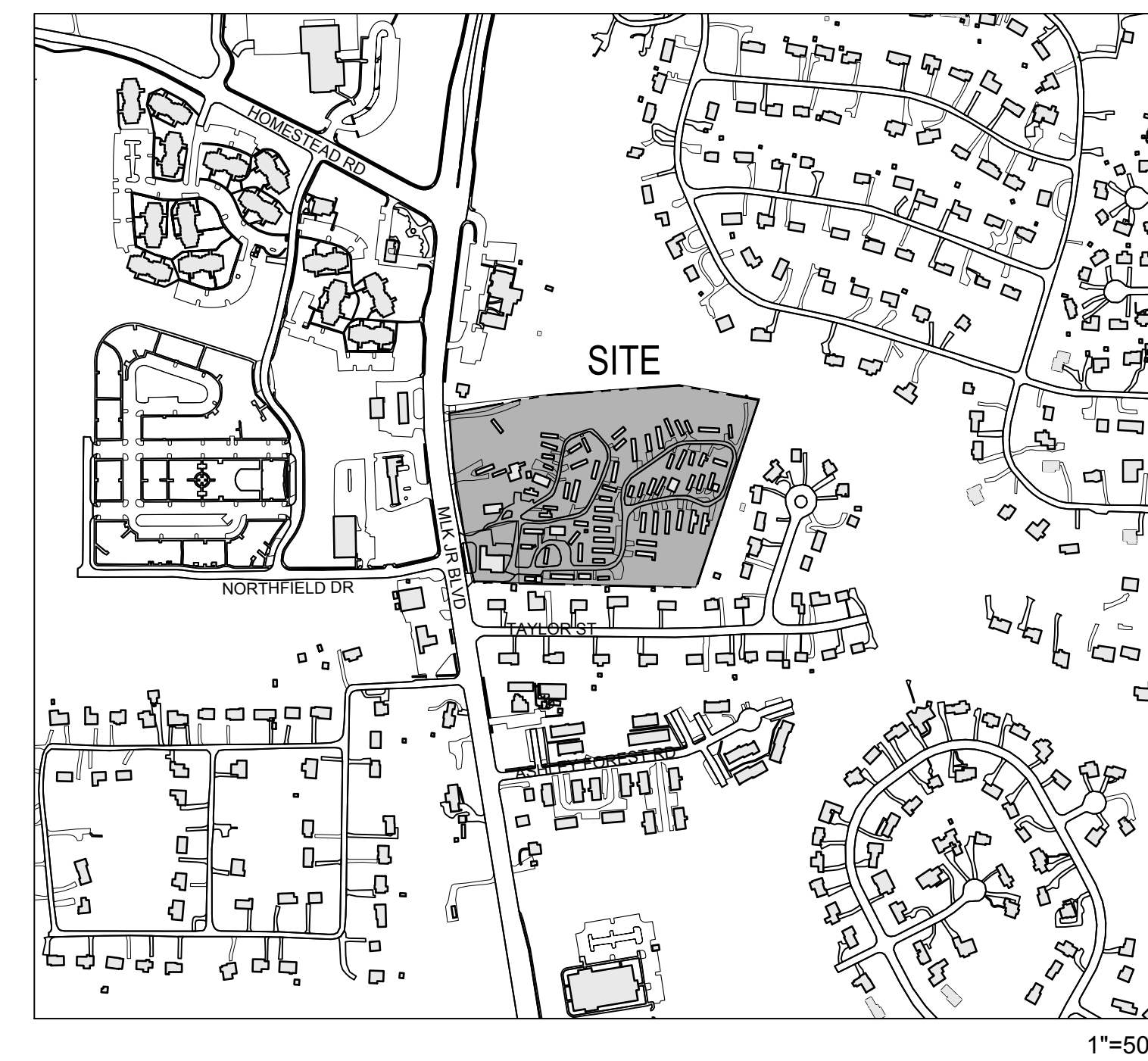
LANDSCAPE ARCHITECT / LAND PLANNER:
COULTER JEWELL THAMES, PA
111 WEST MAIN STREET
DURHAM, NC 27701
919-682-0368
CONTACT: JEREMY ANDERSON

ENGINEER:
COULTER JEWELL THAMES, PA
111 WEST MAIN STREET
DURHAM, NC 27701
919-682-0368
CONTACT: PRESTON ROYSTER

PROJECT DATA:

<u>EXISTING PARCELS</u>	
PARCEL A: ADDRESS PIN ACREAGE ZONE	1200 MARTIN LUTHER KING JR. BLVD. 9789297279 32,068.98 SF / 0.736 AC NC
PARCEL B: ADDRESS PIN ACREAGE ZONE	1204 MARTIN LUTHER KING JR. BLVD. 9789392409 574,173.80 SF / 13.181 AC R-4
GROSS LAND AREA:	606,242.78 SF / 13.917 AC
<u>PROPOSED PARCELS</u>	
RE: 2/C200	
PARCEL 1: ACREAGE PROPOSED ZONE	68,739.55 SF / 1.578 AC NC
PARCEL 2: ACREAGE PROPOSED ZONE	75,123.73 SF / 1.725 AC OI-2
PARCEL 3: ACREAGE PROPOSED ZONE	462,379.49 SF / 10.615 AC OI-2 WITH PLANNED DEVELOPMENT OVERLAY (PD-H)
GROSS LAND AREA:	606,242.78 SF / 13.917 AC
<u>LAND USE:</u>	
EXISTING	CONVENIENCE STORE & MOBILE HOME PARK
PROPOSED	PRINCIPAL USE - CONVENIENCE STORE ACCESSORY USE TO PARCEL 3 - SELF STORAGE PRINCIPAL USE - MOBILE HOME PARK
PARCEL 1	
PARCEL 2	
PARCEL 3	
<u>ZONING:</u>	
EXISTING	NC & R-4
PROPOSED	NC - 68,739.55 SF / 1.578 AC OI-2 - 537,503.22 SF / 12.339 AC

VICINITY MAP



CONDITIONS OF APPROVAL

- Main Site Entrance at Northfield Dr and Martin Luther King Jr Blvd:** The Applicant shall construct the main entrance with a three lane section with minimum 11-foot wide lanes (two-lane outbound and one lane inbound). Construction details shall be approved by the Town and NCDOT prior to the issuance of Zoning Compliance Permit. Construction shall be completed prior to the issuance of Certificate of Occupancy.
- Second Site Entrance on Martin Luther King Jr Blvd:** The Applicant shall design and construct the second entrance on Martin Luther King Jr Blvd as Right-In and Right-Out-Only entrance. Construction details shall be approved by the Town and NCDOT prior to the issuance of Zoning Compliance Permit. Construction shall be completed prior to the issuance of Certificate of Occupancy.
- Traffic Signal Upgrade:** The Applicant shall upgrade the traffic signal at the intersection of Martin Luther King Jr Blvd and Northfield Dr/Site Entrance with pedestrian amenities (high visibility crosswalks on all approaches and APS equipment), bike activated loops, and appropriate traffic signal phasing and other elements as approved by NCDOT and the Town. Upgraded traffic signal design plans and construction details shall be approved prior to the issuance of Zoning Compliance Permit. Construction shall be completed prior to the issuance of Certificate of Occupancy.
- Payment-in-Lieu for Traffic Signal Timing:** The Applicant shall provide a payment-in-lieu of \$5,000 for traffic signal timing plan revisions shall be provided prior to the issuance of Zoning Compliance Permit. Signal Timing Plans will be revised by the Town Consultant after six months of issuance certificate of occupancy.
- Street lighting:** Prior to the issuance of Certificate of Occupancy, the Applicant shall upgrade the street lighting along the site frontage to LED lighting and AASHTO standards. The design and construction details shall be approved by the Town and NCDOT prior to the issuance of Zoning Compliance Permit.

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.
- JORDAN SURETY: PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY, THE OWNER SHALL POST A MAINTENANCE BOND OR OTHER SURETY INSTRUMENT SATISFACTORY TO THE TOWN MANAGER, IN AN AMOUNT EQUAL TO ONE HUNDRED TWENTY-FIVE (125) PERCENT OF THE CONSTRUCTION COST OF EACH STORMWATER MANAGEMENT FACILITY TO ASSURE MAINTENANCE, REPAIR, OR RECONSTRUCTION NECESSARY FOR ADEQUATE PERFORMANCE OF THE STORMWATER MANAGEMENT FACILITY, OR ESTABLISH A STORMWATER MAINTENANCE (SINKING FUND) BUDGET AND ESCROW ACCOUNT IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 5.19 OF THE LAND USE MANAGEMENT ORDINANCE.
- STORMWATER FACILITIES, EASEMENTS, AND OPERATIONS AND MAINTENANCE PLANS: ALL STORMWATER DETENTION, TREATMENT AND CONVEYANCE FACILITIES LOCATED ON AND BELOW THE GROUND SHALL BE WHOLLY CONTAINED WITHIN AN EASEMENT ENTITLED: "RESERVED STORMWATER FACILITY EASEMENT HEREBY DEDICATED" AND SHALL BE RESERVED FROM ANY DEVELOPMENT WHICH WOULD OBSTRUCT OR CONSTRICT THE EFFECTIVE MANAGEMENT, CONTROL, AND CONVEYANCE OF STORMWATER FROM OR ACROSS THE PROPERTY, OTHER THAN THE APPROVED DESIGN AND OPERATION FUNCTIONS. A COPY OF THE FINAL PLAT OR EASEMENT EXHIBIT, SIGNED AND SEALED BY A NORTH CAROLINA-REGISTERED LAND SURVEYOR AND RECORDED BY THE COUNTY REGISTER OF DEEDS, AND CONTAINING THE FOLLOWING NOTES SHALL BE SUBMITTED PRIOR TO ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.
 - ALL ENGINEERED STORMWATER MANAGEMENT CONTROL, TREATMENT, AND CONVEYANCE STRUCTURES ON AND BELOW THE GROUND SHALL BE WHOLLY LOCATED WITHIN AN EASEMENT ENTITLED: "RESERVED STORMWATER FACILITY EASEMENT HEREBY DEDICATED" AND SHALL BE RESERVED FROM ANY DEVELOPMENT WHICH WOULD OBSTRUCT OR CONSTRICT THE EFFECTIVE MANAGEMENT, CONTROL, AND CONVEYANCE OF STORMWATER FROM OR ACROSS THE PROPERTY, OTHER THAN THE APPROVED DESIGN AND OPERATION FUNCTIONS. A SUITABLE MAINTENANCE ACCESS (MINIMUM 20' WIDE) TO ACCOMMODATE HEAVY EQUIPMENT FROM THE NEAREST PUBLIC RIGHT-OF-WAY TO THE RESERVED STORMWATER FACILITY EASEMENT MUST BE PROVIDED AND SHOWN ON THE PLANS.
 - THE "RESERVED STORMWATER FACILITY EASEMENT(S)" AND THE FACILITIES IT THEY PROTECT ARE CONSIDERED TO BE PRIVATE, WITH THE SOLE RESPONSIBILITY OF THE OWNER TO PROVIDE FOR ALL REQUIRED MAINTENANCE AND OPERATIONS AS APPROVED BY THE TOWN MANAGER.
 - THE RESERVED STORMWATER FACILITY EASEMENT AND THE OPERATIONS AND MAINTENANCE PLAN ARE BINDING ON THE OWNER, HEIRS, SUCCESSORS, AND ASSIGNS.
- JORDAN STORMWATER MANAGEMENT FOR NEW DEVELOPMENT: THAT PRIOR TO THE ISSUANCE OF A ZONING COMPLIANCE PERMIT, THE APPLICANT SHALL SUBMIT THE FINAL JORDAN ACCOUNTING TOOL SPREADSHEET, STORMWATER REPORT, AND PLANS FOR REVIEW AND APPROVAL BY THE TOWN MANAGER. THIS PROJECT MUST COMPLY WITH THE JORDAN STORMWATER MANAGEMENT REGULATIONS OF THE LAND USE MANAGEMENT ORDINANCE TO PROVIDE THE REQUIRED REDUCTIONS IN NITROGEN AND PHOSPHORUS LOADS FOR NEW DEVELOPMENT AND REDEVELOPMENT PROJECTS.
- STORMWATER MANAGEMENT PLAN: THAT PRIOR TO THE ISSUANCE OF A ZONING COMPLIANCE PERMIT, THE APPLICANT SHALL SUBMIT A STORMWATER MANAGEMENT PLAN FOR REVIEW AND APPROVAL BY THE TOWN MANAGER. THIS PROJECT MUST COMPLY WITH THE STORMWATER MANAGEMENT REQUIREMENTS OF THE LAND USE MANAGEMENT ORDINANCE TO PROVIDE FOR 85 PERCENT TOTAL SUSPENDED SOLIDS REMOVAL FROM THE INCREASED IMPERVIOUS AREA, RETENTION FOR 2-5 DAYS OF THE INCREASED VOLUME OF STORMWATER RUNOFF FROM THE 2-YEAR, 24-HOUR STORM, AND CONTROL OF THE STORMWATER RUNOFF RATE FOR THE 1-YEAR, 2-YEAR, AND 25-YEAR STORMS.

LIST OF SHEETS:

C000	COVER SHEET
C100	AREA MAP
C101	EXISTING CONDITIONS PLAN
C102	PLAN NOTES
C200	SITE PLAN
C201	ELEVATION MASSING
C202	UNIT RELOCATION PLAN
C300	GRADING PLAN
C900	UTILITY PLAN
	LIGHTING PLAN
C700	LANDSCAPE PLAN
C800	SITE DETAILS
C801	SITE DETAILS
A-1	ARCHITECTURAL ELEVATION

ALLOWABLE FAR FOR PROPOSED ZONE:

PROPOSED ZONE:	.264
EXISTING BUILDINGS:	5,200 SF CONVENIENCE STORE TO BE REMOVED EXISTING 73 CLASS B MOBILE HOMES LOCATED IN PROJECT AREA TO BE RELOCATED WITHIN PROJECT SITE
PROPOSED BUILDINGS:	CONVENIENCE STORE +/- 5,000 SF FOOTPRINT SELF STORAGE +/- 33,600 SF FOOTPRINT (4 STORY / 134,400 SF OVERALL) EX. RESIDENTIAL EXISTING 73 CLASS B UNITS TO REMAIN (ALL WILL BE RELOCATED ONSITE) PROPOSED RESIDENTIAL 10 NEW UNITS
VEHICULAR PARKING: REQUIRED	14 TO 20 - CONVENIENCE STORE (MIN. 1/375 SF, MAX. 1/250 SF) 54 TO 90 - SELF STORAGE (MIN. 1/2500 SF, MAX. 1/1500 SF) = 68 TO 100 SPACES REQUIRED 73 TO 146 - RESIDENTIAL (MIN. 1 PER UNIT, MAX. 2 PER UNIT)
PROPOSED	= 45 SPACES PROVIDED 158 SPACES PROVIDED FOR RESIDENTIAL
BICYCLE PARKING: REQUIRED	6 - CONVENIENCE STORE (4 MIN + 2/2,500 SF) + 4 - SELF STORAGE = 10 SPACES REQUIRED
PROPOSED	8 - SHORT TERM SPACES (4 LOOPS) + 2 - LONG TERM SPACES (1 LOOP LOCATED INSIDE CONVENIENCE STORE) = 10 SPACES (5 LOOPS) PROVIDED
IMPERVIOUS SURFACE:	
EXISTING	185,732 SF
PROPOSED	271,416 SF

RESOURCE CONSERVATION NOTES

- STREAM BUFFERS:**
THERE IS A MAPPED STREAM AND ASSOCIATED STREAM BUFFER LOCATED ON SITE. A DETERMINATION WAS COMPLETED BY CHAPEL HILL PUBLIC WORKS TO VERIFY THAT THE STREAM SHOWING UP ON THE ORANGE COUNTY SOIL SURVEY EXISTS.
- FLOODPLAIN PROTECTION:**
THE SITE IS AN AREA AFFECTED BY A MAPPED FLOODPLAIN ACCORDING TO FIRM MAPS 3710978900 J (FEB. 2 2007).
- STEEP SLOPE PROTECTION:**
THERE ARE STEEP SLOPES ON SITE LOCATED PRIMARILY WITHIN THE RCD.
- WETLANDS:**
THERE ARE NO MAPPED WETLANDS ONSITE.
- TREE PROTECTION:**
REFER TO SHEET C101 AND C700.

Project:

1200 MLK

1200 & 1204
Martin Luther King Jr.
Boulevard

Orange County,
North Carolina

PIN:
9789297279
9789392409



PRELIMINARY-DO NOT USE FOR CONSTRUCTION

Job Number: 1858

Drawn	JSA, MTC
Checked	JSA
Date	5-31-2019 SUP
Revisions	8-06-2019 SUP Rev. 1
	4-17-2020 SUP Rev. 2
	6-18-2020 SUP Rev. 3

Special Use Permit

Sheet Title:

COVER SHEET

Sheet Number

C000



TOPOGRAPHY/SLOPES:
 THE SITE SLOPES FROM SOUTHWEST TO NORTHEAST, AND DROPS APPROXIMATELY 44 FEET OVER THE LENGTH OF THE SITE.
 THE SITE HAS SLOPES OF 1% TO OVER 25%. THE MAJORITY OF THE SITE HAS SLOPES UNDER 10%.
EXISTING SLOPES:
 THERE ARE STEEP SLOPES LOCATED IN THE RCD ON THIS SITE.

HYDROLOGICAL FEATURES/DRAINAGE
 THE SITE GENERALLY DRAINS FROM SOUTHWEST TO NORTHEAST, EVENTUALLY DRAINING INTO A TRIBUTARY OF KINGS BRANCH STREAM THAT RUNS ROUGHLY PARALLEL WITH THE NORTHERN PROPERTY LINE.

SOIL TYPES
 THE USDA / NRCS WEB SOIL SURVEY CLASSIFIES TWO SOIL TYPES ON THIS SITE.
 -T03: TARRUS SILT LOAM
 -H1C: HERNDON SILT LOAM
 -G0B: GEORGEVILLE SILT LOAM (2-6% SLOPES)
 -G0C: GEORGEVILLE SILT LOAM (6-10% SLOPES)

SUN/SHADE PATTERNS
 THE SUN WILL PASS AROUND THE SOUTH SIDE OF THE STRUCTURES DURING THE COURSE OF THE DAY. THE FRONT ENTRIES WILL GET MORNING SUN. EXISTING TREES WILL BE RETAINED SOUTH AND WEST OF THE BUILDING TO PROVIDE SHADE FOR THESE SIDES OF THE BUILDING.
 TREES WILL BE ADDED TO THE NEW PARKING TO PROVIDE SHADE AND MEET MINIMUM REQUIREMENTS. TREES AND SHRUBS WILL BE ADDED TO ALL UNPAVED AREAS TO PROVIDE AS MUCH SHADE AND LANDSCAPING AS POSSIBLE.

FEMA FLOODPLAIN INFORMATION.
 THERE IS MAPPED FLOODPLAIN ON SITE PER FEMA PANEL 3710978900J DATED 2/2/2007

SPECIAL FEATURES
 THIS PROPERTY HAS FRONTAGE ON MARTIN LUTHER KING JR. BLVD.

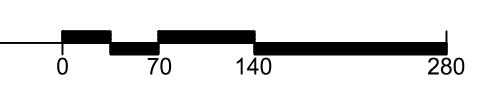
VEGETATION
 THE SITE CONTAINS OF MIX OF VARIOUS HARDWOODS AND PINES.

2 SITE NOTES
 C100

LEGEND

Water Valve	⊗
Curb Inlet/Catch Basin	⊠
Mail Box	⊞
Traffic Signal Box	⊞ TSB
Electric Transformer	⊞
Electric Junction Box	⊞
Gas Meter	⊞
Sanitary Sewer Manhole	⊞
Storm Sewer Manhole	⊞
Telephone Manhole	⊞
Electric Manhole	⊞
Sign	⊞
Telephone Pedestal	⊞
Fire Hydrant	⊞
Post Indicator Valve	⊞
Water Manhole	⊞
Water Meter	⊞
Hot Box	⊞
Utility Pole	⊞
Light Pole	⊞
Sewer Cleanout	⊞
Flared End Section	⊞
Gas Valve	⊞
Existing Iron Pipe (3/4" unless noted)	⊞
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	⊞

1 AREA MAP
 C100
 1" = 140'-0"



Coulter Jewell Thames
 ENGINEERING, PLANNING, LANDSCAPE ARCHITECTURE

111 West Main Street
 Durham, N.C. 27701
 p 919.682.0368
 f 919.688.5646
 www.cjtpa.com

NC BOARD OF EXAMINERS FOR ENGINEERS AND SURVEYORS
 LIC # C-1268
 NC BOARD OF LANDSCAPE ARCHITECTS LIC # C-104

Project:

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1200 & 1204
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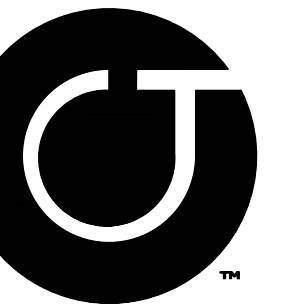
Special Use Permit

Sheet Title:

AREA MAP

Sheet Number

C100



**Coulter
Jewell
Thames** P.A.

111 West Main Street
Durham, N.C. 27701
p 919.682.0368
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www.cjtpa.com

NO BOARD OF EXAMINERS FOR
ENGINEERS AND SURVEYORS
LIC # C-1098
NO BOARD OF LANDSCAPE
ARCHITECTS LIC # C-104

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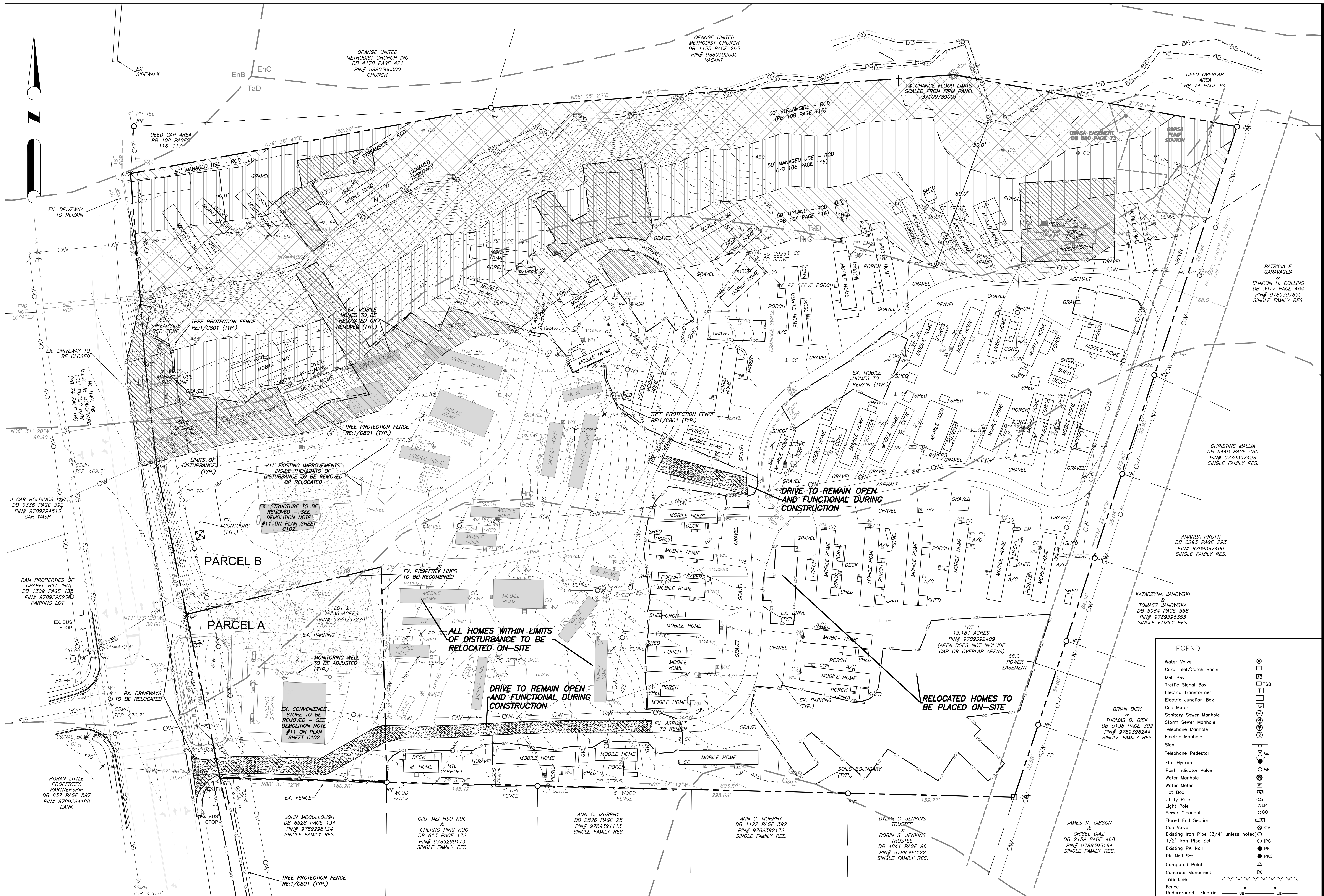
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Sheet Title:

**EXISTING
CONDITIONS
& DEMOLITION**

Sheet Number

C101



LEGEND

Water Valve	
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	
Post Indicator Valve	
Water Manhole	
Water Meter	
Hot Box	
Utility Pole	
Light Pole	
Sewer Cleanout	
Flored End Section	
Gas Valve	
Existing Iron Pipe (3/4" unless noted)	
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	

1
C101

EXISTING CONDITIONS & DEMOLITION PLAN

1" = 40'-0"

SEE NOTES RE:2/C102



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

C102

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 C101 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 C500. 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 BUILDINGS 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 CITY SPECIFICATIONS AND STANDARDS.
11. A DEMOLITION ASSESSMENT MUST BE CONDUCTED BY OCSW STAFF PRIOR TO THE APPROVAL OF THE DEMOLITION PERMIT FOR THE EXISTING CONVENIENCE STORE AND 2 STORY STRUCTURE. CONTACT OCSW ENFORCEMENT STAFF AT 919-968-2788 TO REQUEST THE ASSESSMENT.
12. BY ORANGE COUNTY ORDINANCE, CLEAN WOOD WASTE, SCRAP METAL AND CORRUGATED CARDBOARD, ALL PRESENT IN CONSTRUCTION WASTE, MUST BE RECYCLED.
13. BY ORANGE COUNTY ORDINANCE, ALL HAULERS OF CONSTRUCTION WASTE MUST BE PROPERLY LICENSED.
14. 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.
15. 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.
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. 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

2 DEMOLITION NOTES

C102

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 C101 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.
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. THERE WILL BE TWO CLASS 1 BIKE RACKS LOCATED INSIDE THE BUILDING.
13. KEY BOXES FOR FIRST RESPONDERS WILL BE REQUIRED NEAR THE FRONT DOOR AND SPRINKLER RISER ROOM AREAS. 2012 NC FIRE CODE, SECTION 505.
14. MECHANICAL EQUIPMENT MUST BE PLACED AT OR ABOVE BASE FLOOD ELEVATION + 2 FEET.
15. PRIOR TO PERFORMING WORK IN THE NCDOT R/W, THE APPLICANT WILL NEED TO OBTAIN THE FOLLOWING:
 - (1) APPROVED NCDOT DRIVEWAY PERMITS FOR PROPOSED ACCESSSES 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.
16. PRIOR TO ISSUANCE OF THE FUTURE SIDEWALK 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.

3 SITE PLAN NOTES

C102

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 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 SOILS IN THESE AREAS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER & OWNER. THE UNDERCUT SOILS SHALL ALSO 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.
13. AN TOWN OF CHAPEL HILL ENCROACHMENT AGREEMENT WILL BE NEEDED FOR THE ROUGH GRADING FOR THE FUTURE SIDEWALK WITHIN THE COLERIDGE ROAD RIGHT-OF-WAY.
14. AN ENCROACHMENT AGREEMENT WILL BE NEEDED FOR THE ROUGH GRADING FOR THE FUTURE SIDEWALK WITHIN THE COLERIDGE ROAD RIGHT-OF-WAY.

4 GRADING NOTES

C102

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 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 BLOW 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.

5 STORM DRAINAGE NOTES

C102

1. EROSION CONTROL BOND: IF ONE (1) ACRE OR MORE IS UNCOVERED BY LAND-DISTURBING ACTIVITIES FOR THIS PROJECT, THEN A PERFORMANCE GUARANTEE IN ACCORDANCE WITH SECTION 5-97.1 BONDS OF THE TOWN CODE OF ORDINANCES SHALL BE REQUIRED PRIOR TO FINAL AUTHORIZATION TO BEGIN LAND-DISTURBING ACTIVITIES. THIS FINANCIAL GUARANTEE IS INTENDED TO COVER THE COSTS OF RESTORATION OF FAILED OR FAILING SOIL EROSION AND SEDIMENTATION CONTROLS, AND/OR TO REMEDY DAMAGES RESULTING FROM LAND-DISTURBING ACTIVITIES, SHOULD THE RESPONSIBLE PARTY OR PARTIES FAIL TO PROVIDE PROMPT AND EFFECTIVE REMEDIES ACCEPTABLE TO THE TOWN.
2. THE APPLICANT SHALL PROVIDE A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PERMIT FROM ORANGE COUNTY EROSION CONTROL DIVISION PRIOR TO RECEIVING A ZONING COMPLIANCE PERMIT. DURING THE CONSTRUCTION PHASE, ADDITIONAL EROSION AND SEDIMENT CONTROLS MAY BE REQUIRED IF THE PROPOSED MEASURES DO NOT CONTAIN THE SEDIMENT. SEDIMENT LEAVING THE PROPERTY IS A VIOLATION OF THE TOWN'S EROSION AND SEDIMENT CONTROL ORDINANCE.
3. THE CONTRACTOR SHALL TAKE THE APPROPRIATE MEASURES TO PREVENT AND REMOVE THE DEPOSIT OF WET OR DRY SILT ON ADJACENT PAVED ROADWAYS.
4. EROSION CONTROL INSPECTIONS: IN ADDITION TO THE REQUIREMENT DURING CONSTRUCTION FOR INSPECTION AFTER EVERY RAINFALL, THE APPLICANT SHALL INSPECT THE EROSION AND SEDIMENT CONTROL DEVICES WEEKLY, MAKE ANY NECESSARY REPAIRS OR ADJUSTMENTS TO THE DEVICES, AND MAINTAIN INSPECTION LOGS DOCUMENTING THE DAILY INSPECTIONS AND ANY NECESSARY REPAIRS.

6 EROSION CONTROL NOTES

C102

1. 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".
2. ALL WATER AND SEWER MAINS WITHIN PUBLIC EASEMENTS AND RIGHT-OF-WAYS TO BE OWNED, OPERATED AND MAINTAINED BY THE TOWN OF CHAPEL HILL.
3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF CHAPEL HILL STANDARDS AND SPECIFICATIONS.
4. ALL EXISTING UNDERGROUND UTILITIES ARE APPROXIMATELY LOCATED. ACTUAL LOCATION AND DEPTH SHALL BE CONFIRMED IN THE FIELD PRIOR TO CONSTRUCTION.
5. BEFORE STARTING ANY CONSTRUCTION OF IMPROVEMENTS WITHIN ANY TOWN OR N.C.D.O.T. STREET OR HIGHWAY RIGHT-OF-WAY THE FOLLOWING PROCEDURES SHALL 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).
6. 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.
7. 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.
8. RESURFACING OF STREET DUE TO UTILITY CUTS SHALL BE REQUIRED AT THE DIRECTION OF ENGINEERING. (MINIMUM 50' TO EITHER SIDE OF UTILITY CUTS).
9. PROVIDE 10-FT OF HORIZONTAL SEPARATION BETWEEN PROPOSED NEW WATER AND SEWER MAINS

SANITARY SEWER:

1. BACKFLOW PREVENTORS SHALL BE PROVIDED FOR ALL UNITS WITH FINAL FLOOR ELEVATIONS OF BUILDINGS LESS THAN 1'-0" ABOVE UPSTREAM MANHOLE.
2. 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.
3. MINIMUM SLOPE FOR 4 INCH SANITARY SEWER COLLECTION LINES SHALL BE NO LESS THAN 2.0% WITH CLEANOUTS EVERY 75 LINEAL FEET.
4. MINIMUM SLOPE FOR 6 INCH SANITARY SEWER COLLECTION LINES SHALL BE NO LESS THAN 1.0% WITH CLEANOUTS EVERY 75 LINEAL FEET.

WATER:

1. WATERLINES WILL BE 3' OFF CURB AND GUTTER UNLESS SHOWN OTHERWISE.
2. 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.
3. 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.
4. 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.
5. 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.
6. ALL FDC(S) AND HYDRANT(S) SHALL BE SIAMASE CONNECTIONS AND MEET TOWN OF CHAPEL HILL AND OWASA STANDARDS.
7. A FIRE SPRINKLER SYSTEM WILL BE REQUIRED FOR THE SELF-STORAGE FACILITY.
8. 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.

7 UTILITY NOTES

C102

LIGHTING CONDUIT

LIGHTING CONDUIT SHALL MEET THE FOLLOWING GUIDELINES.

1. 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 LIGHTS' ABILITY TO OPERATE.
2. ALL CONDUITS ARE TO BE 2" SCHEDULE 40 GRAY ELECTRICAL PVC.
3. ALL JOINTS ARE TO BE GLUED.
4. 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.
5. ALL ENDS ARE TO BE CAPPED TO PREVENT ENTRY OF DEBRIS.
6. ALL CONDUITS MORE THAN 30' IN LENGTH SHALL HAVE A STRING INSTALLED.
7. 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).
8. IF CONCRETE ENCASED CONDUIT IS REQUIRED AT ANY POINT, IT MUST BE ENCASED IN CONCRETE UNTIL PIPE IS BACK DOWN TO REQUIRED DEPTH.
9. PEDESTAL AREAS WHERE MULTIPLE CONDUIT ENDS TERMINATE ARE TO HAVE THE CONDUIT ENDS WITHIN 12" OF EACH OTHER.
10. DIRECT BURIED LIGHT POLE AREAS ARE TO HAVE CONDUITS TERMINATE 36" APART AND 12" BACK OF POLE LOCATION.
11. CONDUITS SERVING LIGHTS ON CONCRETE REVEALS ARE TO BE CONTINUOUS FROM REVEAL TO REVEAL.

LIGHTING NOTES

1. 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.
2. 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:

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

8 LIGHTING NOTES

C102

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 THEMSELVES 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.

9 LANDSCAPE NOTES

C102

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 FDCs unless otherwise approved by the fire code official. The FDCs 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 water 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 from the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numerals 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 103.6, D 103.6.1, 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 access 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.

10 FIRE NOTES

C102

FIRE NOTES ABOVE WILL BE ADDRESSED DURING ZCP AND/OR BUILDING PERMIT PLANS.



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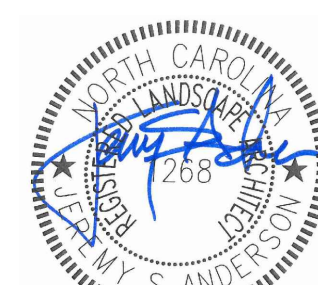
Project:

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PRELIMINARY-DO NOT
USE FOR CONSTRUCTION

Job Number: 1858

Drawn	JSA, MTC
Checked	JSA
Date	5-31-2019 SUP
Revisions	8-06-2019 SUP Rev. 1
	4-17-2020 SUP Rev. 2
	6-18-2020 SUP Rev. 3

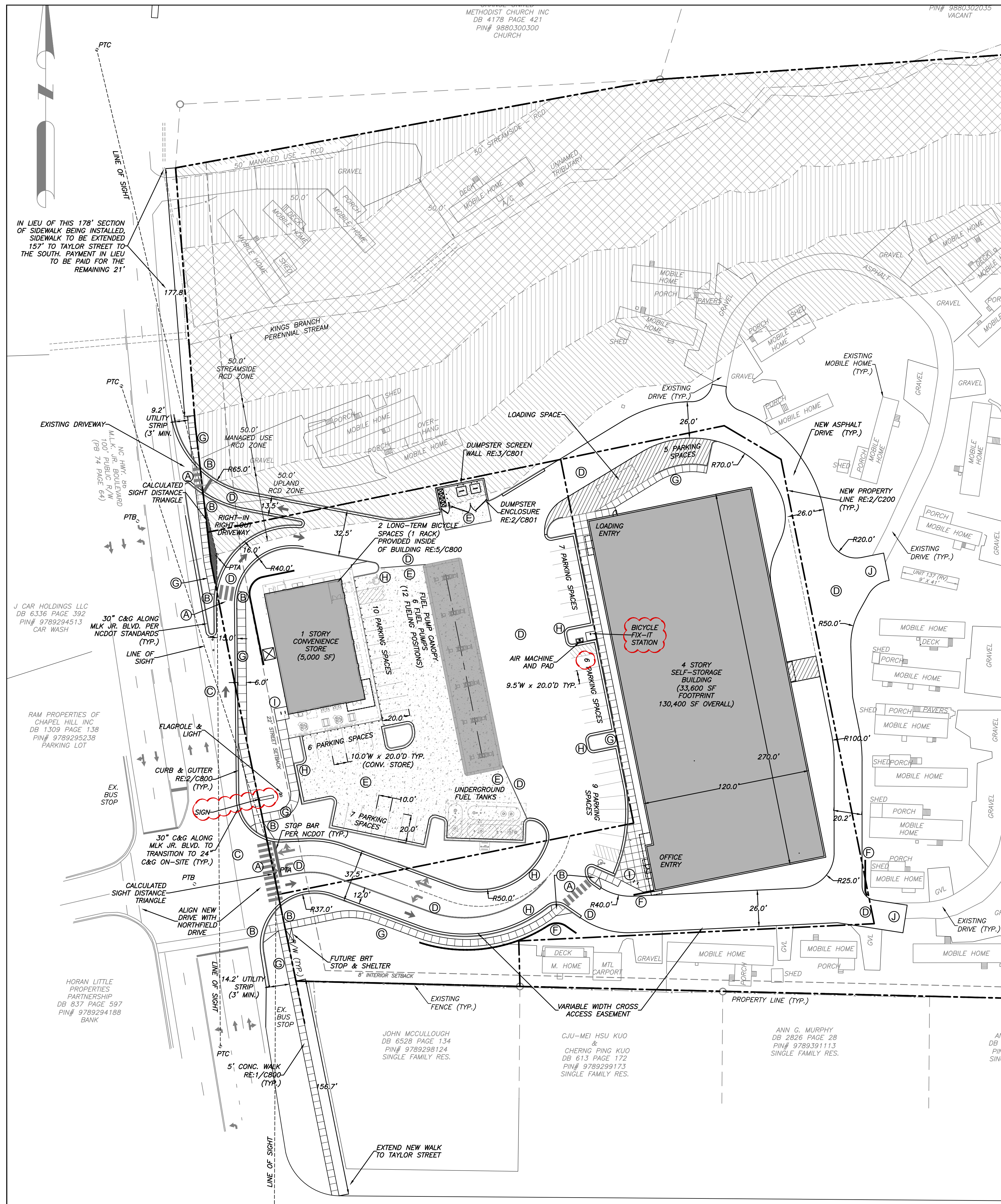
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Sheet Title:

NOTES

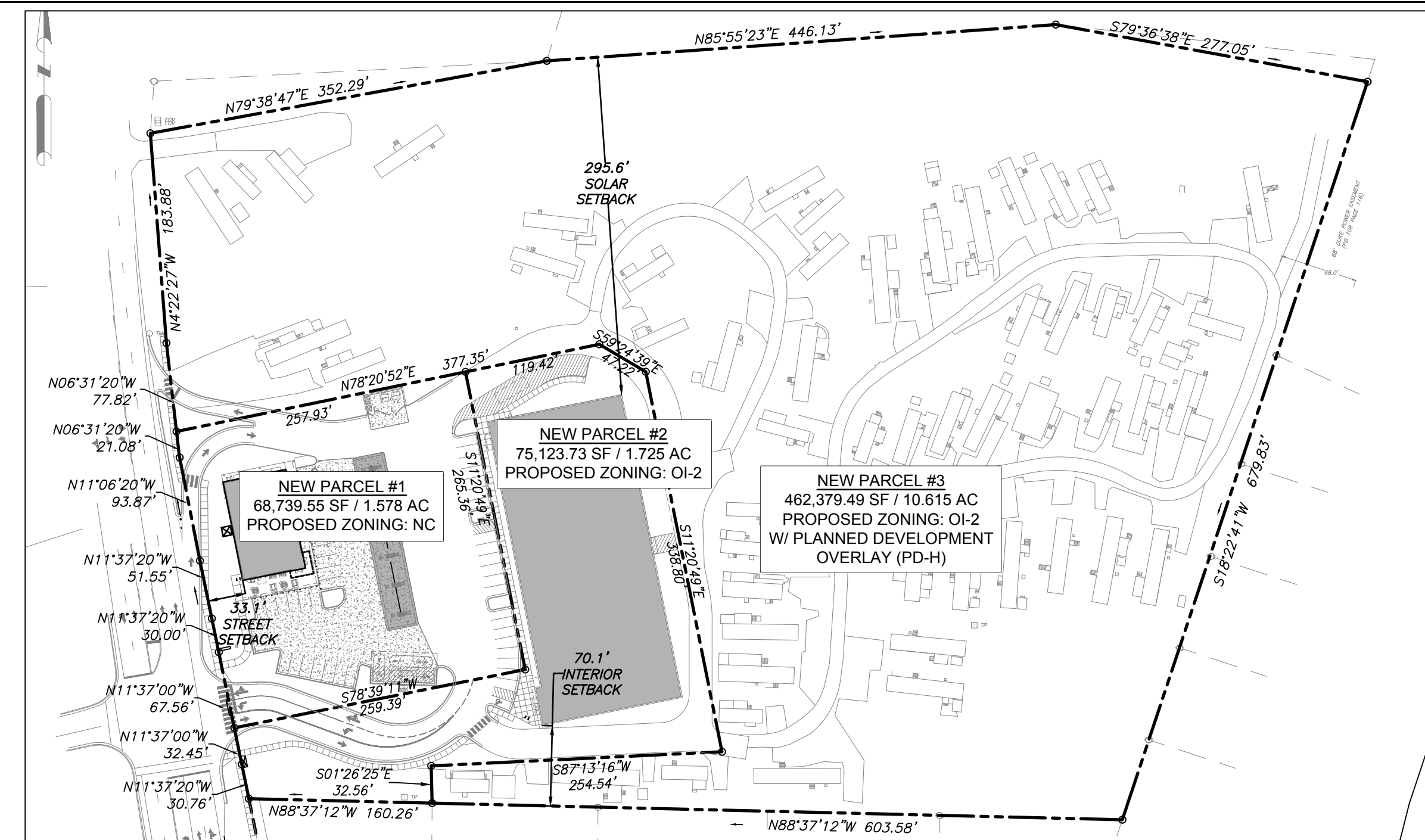
Sheet Number

C102

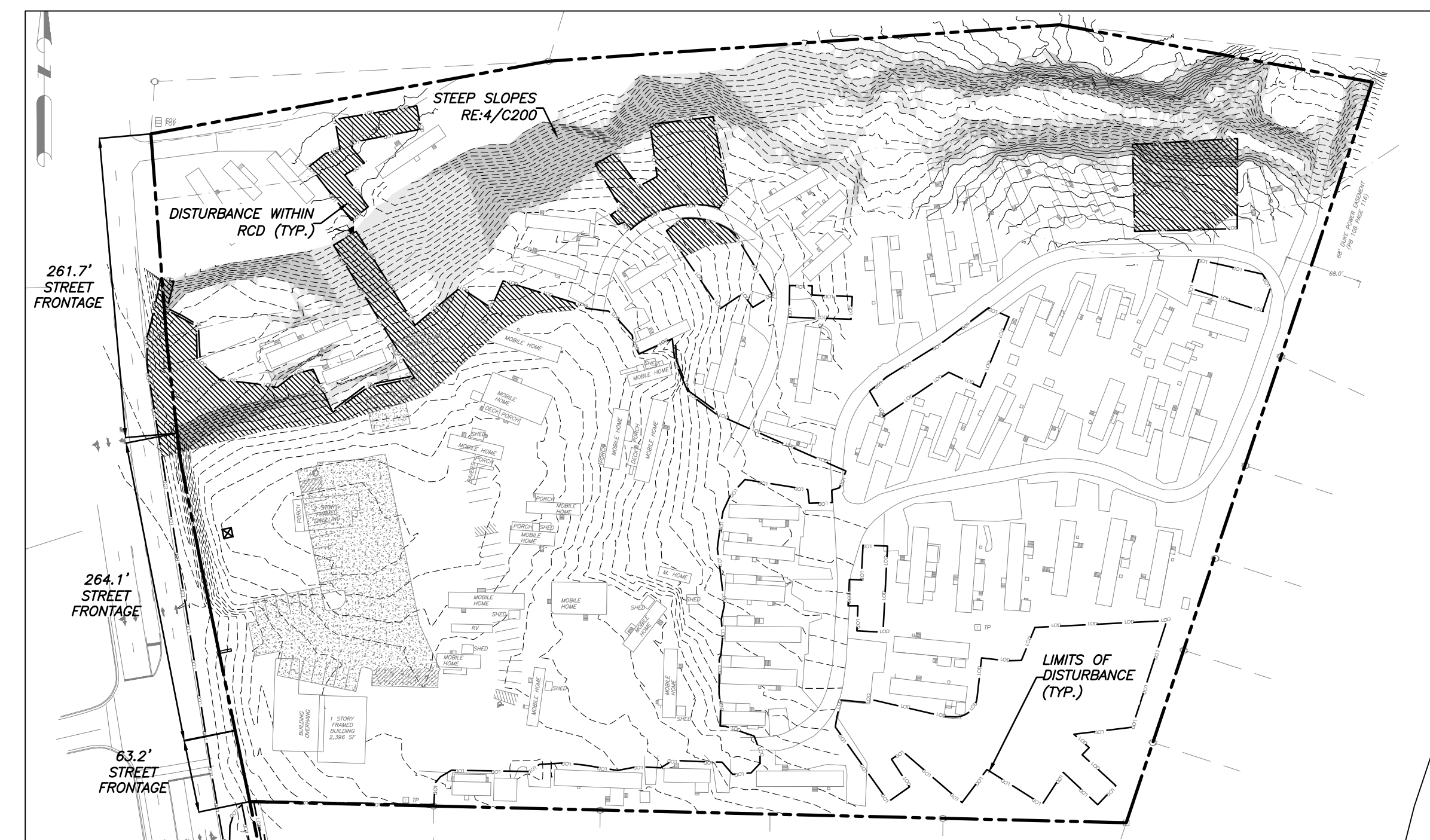


1 SITE PLAN
1" = 40'-0"

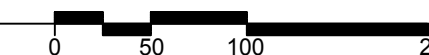
SEE NOTES RE: 3/C102



2 NEW LOTS & BUILDING SETBACKS
1" = 100'-0"



3 RCD SLOPE ANALYSIS & LOT FRONTAGE CALLOUTS
1" = 100'-0"



SITE PLAN KEY

- A CROSSWALK RE: 10/C800
- B ADA RAMP WITH DETECTABLE WARNING DOMES PER TOWN OF CHAPEL HILL STANDARD DETAIL ST-5.1 RE: 8/C801
- C VALLEY GUTTER RE: 9/C800
- D HEAVY DUTY ASPHALT PAVEMENT RE: 3/C800
- E HEAVY DUTY CONCRETE PAVEMENT RE: 4/C800
- F KEYSTONE RETAINING WALL
- G CONCRETE SIDEWALK RE: 1/C800
- H CURB & GUTTER RE: 2/C800
- I BICYCLE RACK RE: 7/C801
- J FIRE TRUCK TURNAROUND

DIMENSIONAL STANDARDS

Zone	Size (min.)	Frontage (min.)	Width (min.)
NC	5,500 sf	40'	40'
OI-2	5,500 sf	40'	40'

LEGEND

- SLOPES > 25%
34,976 SF
PROPOSED 1,269 SF ESTIMATED
DISTURBANCE OF SLOPES > 25%
- SLOPES 15% - 25%
32,651 SF
PROPOSED 1,423 SF ESTIMATED
DISTURBANCE OF SLOPES 15% - 25%
- AREA NOT HATCHED
REPRESENTS SLOPES < 15%
538,616 SF

4 SLOPE SUMMARY
C200

111 West Main Street
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NC BOARD OF EXAMINERS FOR ENGINEERS AND SURVEYORS LIC # C-1289
NC BOARD OF LANDSCAPE ARCHITECTS LIC # C-104

Project:

1200 MLK

1200 & 1204
Martin Luther King Jr.
Boulevard
Orange County,
North Carolina

PIN: 9789297279
9789392409



PRELIMINARY-DO NOT USE FOR CONSTRUCTION

Job Number: 1858

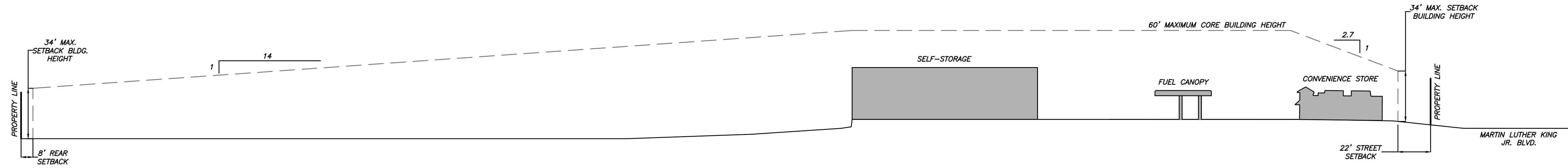
Drawn	JSA
Checked	JSA
Date	5-31-2019 SUP
Revisions	8-06-2019 SUP Rev. 1
	4-17-2020 SUP Rev. 2
	6-18-2020 SUP Rev. 3

Special Use Permit

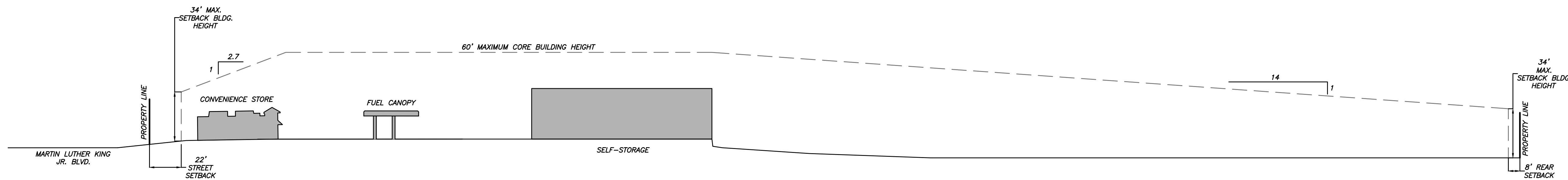
Sheet Title:

SITE PLAN

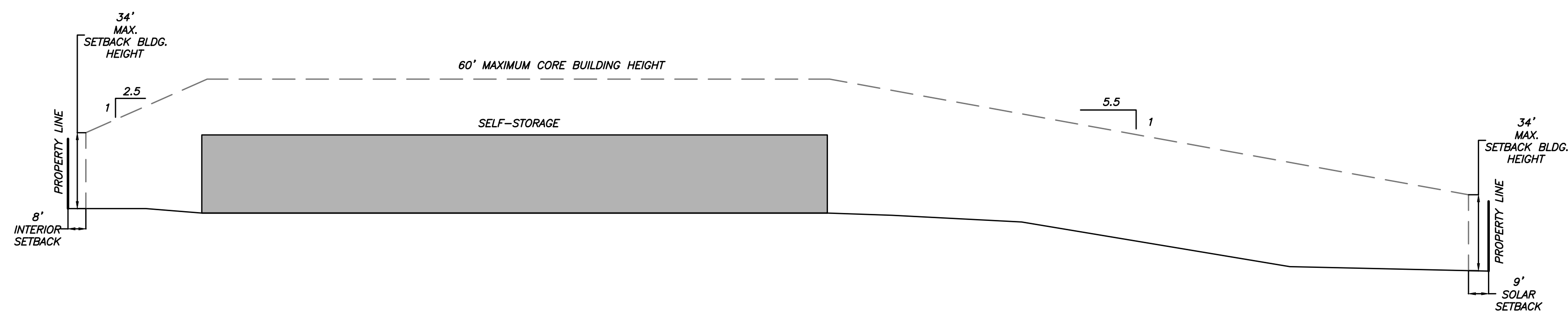
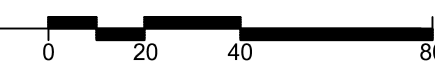
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C200



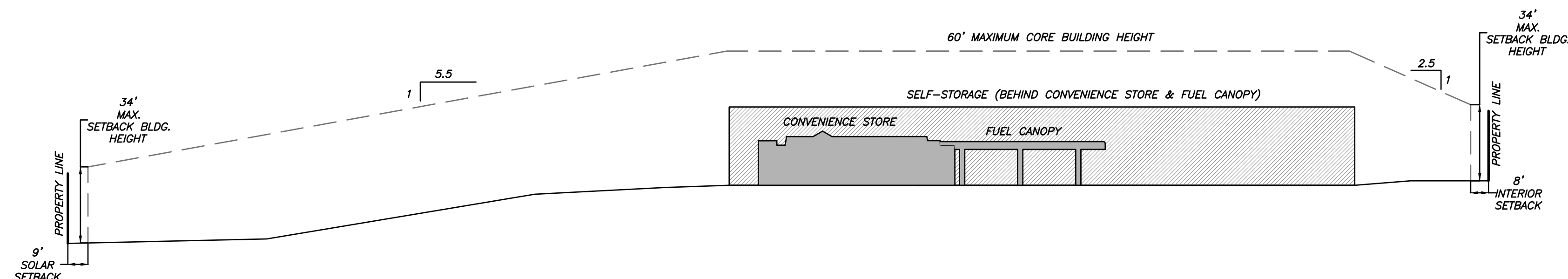
1 NORTH ELEVATION
C201 1" = 40'-0"



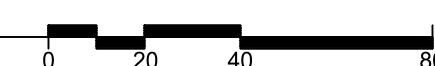
2 SOUTH ELEVATION
C201 1" = 40'-0"



3 EAST ELEVATION
C201 1" = 40'-0"



4 WEST ELEVATION
C201 1" = 40'-0"



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NC BOARD OF LANDSCAPE
ARCHITECTS LIC # C-104

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Boulevard

Orange County,
North Carolina

PIN:
9789297279
9789392409



PRELIMINARY-DO NOT
USE FOR CONSTRUCTION

Job Number: 1858

Drawn	JSA, MTC
Checked	JSA
Date	5-31-2019 SUP
Revisions	8-06-2019 SUP Rev. 1
	4-17-2020 SUP Rev. 2
	6-18-2020 SUP Rev. 3

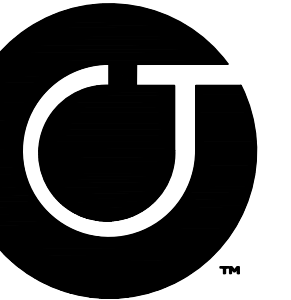
Special Use Permit

Sheet Title:

EXTERIOR
ELEVATION
MASSING

Sheet Number

C201



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LIC # C-1008
NC BOARD OF LANDSCAPE ARCHITECTS LIC # C-104

PATRICIA E. GARAVAGLIA & SHARON H. COLLINS
DB 3977 PAGE 464
PIN# 9789397650
SINGLE FAMILY RES.

Project:

1200 MLK

1200 & 1204
Martin Luther King Jr.
Boulevard

Orange County,
North Carolina

PIN:
9789297279
9789392409



PRELIMINARY-DO NOT
USE FOR CONSTRUCTION

Job Number: 1858

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Checked	JSA
Date	5-31-2019 SUP
Revisions	8-06-2019 SUP Rev. 1
	4-17-2020 SUP Rev. 2
	6-18-2020 SUP Rev. 3

Special Use Permit

Sheet Title:

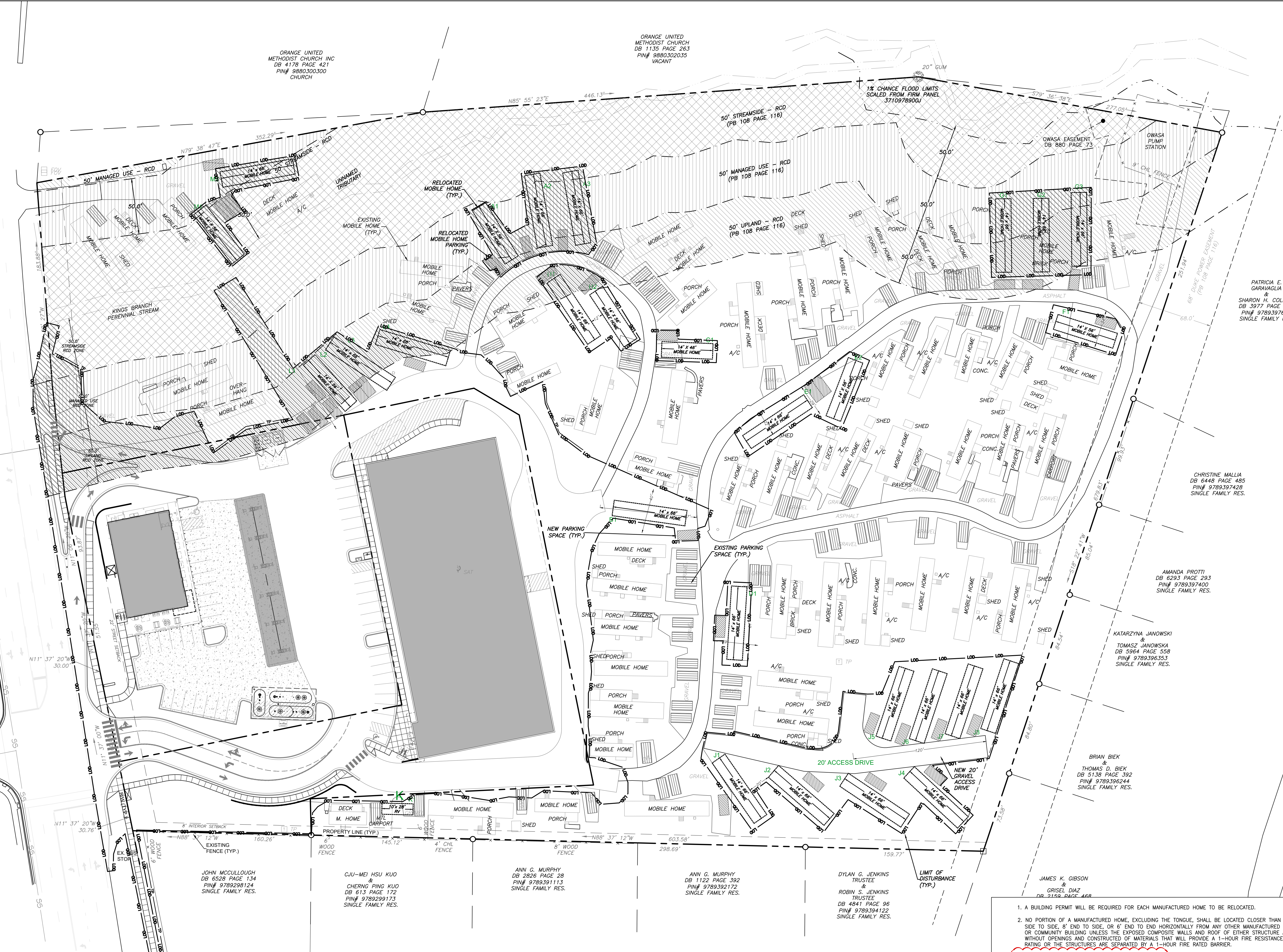
**UNIT
RELOCATION
PLAN**

Sheet Number

C202

ORANGE UNITED
METHODIST CHURCH
DB 1135 PAGE 263
PIN# 9880302035
VACANT

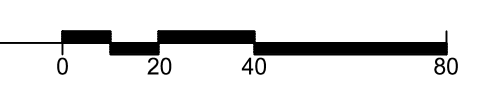
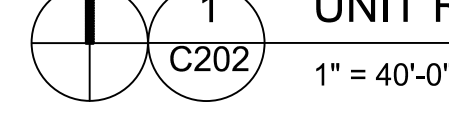
ORANGE UNITED
METHODIST CHURCH INC
DB 4178 PAGE 421
PIN# 9880300300
CHURCH

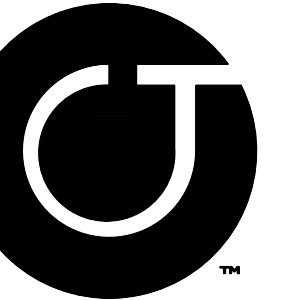


1. A BUILDING PERMIT WILL BE REQUIRED FOR EACH MANUFACTURED HOME TO BE RELOCATED.
2. NO PORTION OF A MANUFACTURED HOME, EXCLUDING THE TONGUE, SHALL BE LOCATED CLOSER THAN 10' SIDE TO SIDE, 8' END TO SIDE, OR 6' END TO END HORIZONTALLY FROM ANY OTHER MANUFACTURED HOME OR COMMUNITY BUILDING UNLESS THE EXPOSED COMPOSITE WALLS AND ROOF OF EITHER STRUCTURE ARE WITHOUT OPENINGS AND CONSTRUCTED OF MATERIALS THAT WILL PROVIDE A 1-HOUR FIRE RESISTANCE RATING OR THE STRUCTURES ARE SEPARATED BY A 1-HOUR FIRE RATED BARRIER.
3. ALL EXISTING UNITS ARE CLASS B MOBILE HOME UNITS.

2 UNIT RELOCATION NOTES

1 UNIT RELOCATION PLAN





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LIC # C-1289
NC BOARD OF LANDSCAPE
ARCHITECTS LIC # C-104

Project:

1200 MLK

1200 & 1204
Martin Luther King Jr.
Boulevard

Orange County,
North Carolina

PIN:
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9789392409



PRELIMINARY-DO NOT
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Job Number: 1858

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Checked	JSA, PBR
Date	5-31-2019 SUP
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	4-17-2020 SUP Rev. 2
	6-18-2020 SUP Rev. 3

Special Use Permit

Sheet Title:

**GRADING
& STORM
DRAINAGE PLAN**

Sheet Number

C300



LEGEND

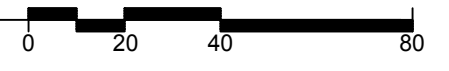
Water Valve	
Curb Inlet/Catch Basin	
Mail Box	
Traffic Signal Box	
Electric Transformer	
Electric Junction Box	
Gas Meter	
Sanitary Sewer Manhole	
Storm Sewer Manhole	
Telephone Manhole	
Electric Manhole	
Sign	
Telephone Pedestal	
Fire Hydrant	
Post Indicator Valve	
Water Manhole	
Water Meter	
Hot Box	
Utility Pole	
Light Pole	
Sewer Cleanout	
Flored End Section	
Gas Valve	
Existing Iron Pipe (3/4" unless noted)	
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	

1
C300

GRADING & STORM DRAINAGE PLAN

1" = 40'-0"

SEE NOTES RE: 4/C102, 5/C102, 6/C102



ORANGE UNITED
METHODIST CHURCH INC
DB 4178 PAGE 421
PIN# 9880300300
CHURCH

ORANGE UNITED
METHODIST CHURCH
DB 1135 PAGE 263
PIN# 9880302035
VACANT

PATRICIA E.
GARAVAGLIA
SHARON H. COLLINS
DB 3977 PAGE 464
PIN# 9789397650
SINGLE FAMILY RES.

CHRISTINE MALLIA
DB 6448 PAGE 485
PIN# 9789397428
SINGLE FAMILY RES.

AMANDA PROTTI
DB 6293 PAGE 293
PIN# 9789397400
SINGLE FAMILY RES.

KATARZYNA JANOWSKI
&
TOMASZ JANOWSKI
DB 5964 PAGE 558
PIN# 9789396353
SINGLE FAMILY RES.

BRIAN BIEK
&
THOMAS D. BIEK
DB 5138 PAGE 392
PIN# 9789396244
SINGLE FAMILY RES.

JAMES K. GIBSON
&
GRISEL DIAZ
DB 2159 PAGE 468
PIN# 9789395164
SINGLE FAMILY RES.

DYLAN G. JENKINS
TRUSTEE
&
ROBIN S. JENKINS
TRUSTEE
DB 4841 PAGE 96
PIN# 9789394122
SINGLE FAMILY RES.

ANN G. MURPHY
DB 1122 PAGE 392
PIN# 9789392172
SINGLE FAMILY RES.

ANN C. MURPHY
DB 2826 PAGE 28
PIN# 9789391113
SINGLE FAMILY RES.

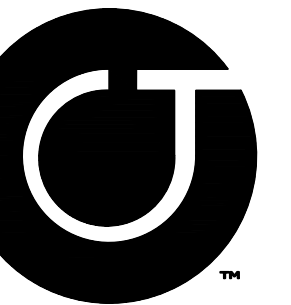
CIU-MEI HSU KUO
&
CHERNG PING KUO
DB 613 PAGE 172
PIN# 9789299173
SINGLE FAMILY RES.

JOHN MCCULLOUGH
DB 6528 PAGE 134
PIN# 9789298124
SINGLE FAMILY RES.

J CAR HOLDINGS LLC
DB 6336 PAGE 392
PIN# 9789294513
CAR WASH

RAM PROPERTIES OF
CHAPEL HILL INC
DB 1309 PAGE 138
PIN# 9789295238
PARKING LOT

HORAN LITTLE
PROPERTIES
PARTNERSHIP
DB 837 PAGE 597
PIN# 9789294188
BANK



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NC BOARD OF LANDSCAPE
ARCHITECTS LIC # C-104

Project:

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1200 & 1204
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Boulevard

Orange County,
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PRELIMINARY-DO NOT
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Job Number: 1858

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Date	5-31-2019 SUP
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Special Use Permit

Sheet Title:

**UTILITY
PLAN**

Sheet Number

C500



ORANGE UNITED
METHODIST CHURCH INC
DB 4178 PAGE 421
PIN# 9880300300
CHURCH

ORANGE UNITED
METHODIST CHURCH
DB 1135 PAGE 263
PIN# 9880302035
VACANT

PATRICIA E.
GARAVAGLIA
&
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SINGLE FAMILY RES.

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DB 6448 PAGE 485
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DB 5964 PAGE 558
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SINGLE FAMILY RES.

BRIAN BIEK
&
THOMAS D. BIEK
DB 5138 PAGE 392
PIN# 9789396244
SINGLE FAMILY RES.

JAMES K. GIBSON
&
GRISSEL DIAZ
DB 2159 PAGE 468
PIN# 9789395164
SINGLE FAMILY RES.

DYLAN G. JENKINS
TRUSTEE
&
ROBIN S. JENKINS
TRUSTEE
DB 4841 PAGE 96
PIN# 9789394122
SINGLE FAMILY RES.

ANN G. MURPHY
DB 1122 PAGE 392
PIN# 9789392172
SINGLE FAMILY RES.

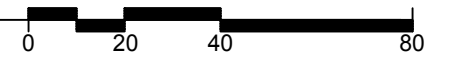
ANN G. MURPHY
DB 2826 PAGE 28
PIN# 9789391113
SINGLE FAMILY RES.

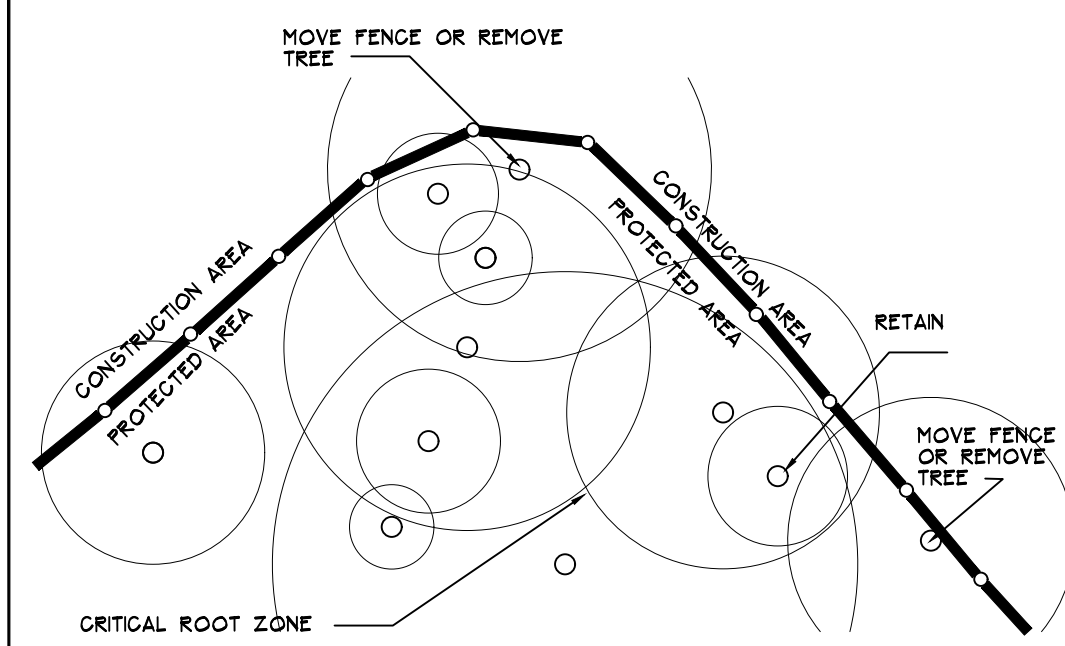
CHU-MEI HSU KUO
&
CHERNG-PING KUO
DB 613 PAGE 172
PIN# 9789299173
SINGLE FAMILY RES.

JOHN MCCULLOUGH
DB 6528 PAGE 134
PIN# 9789298124
SINGLE FAMILY RES.

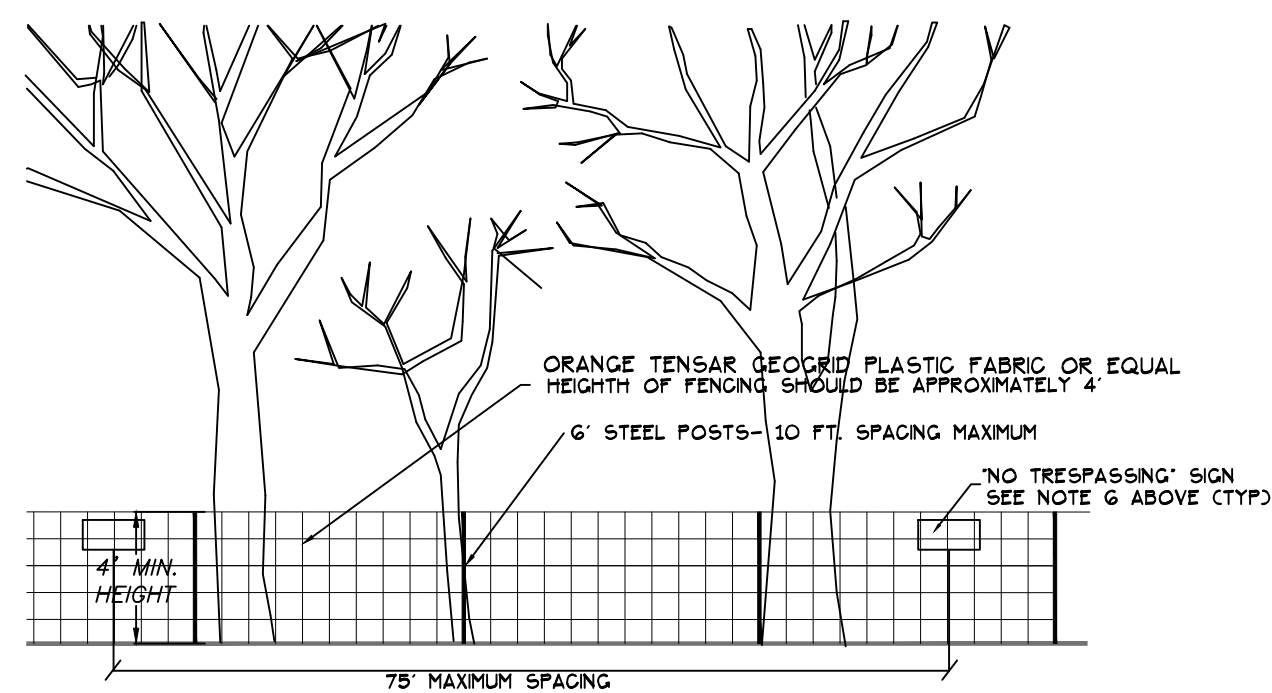
1
C500
UTILITY PLAN
1" = 40'-0"

SEE NOTES RE: 7/C102

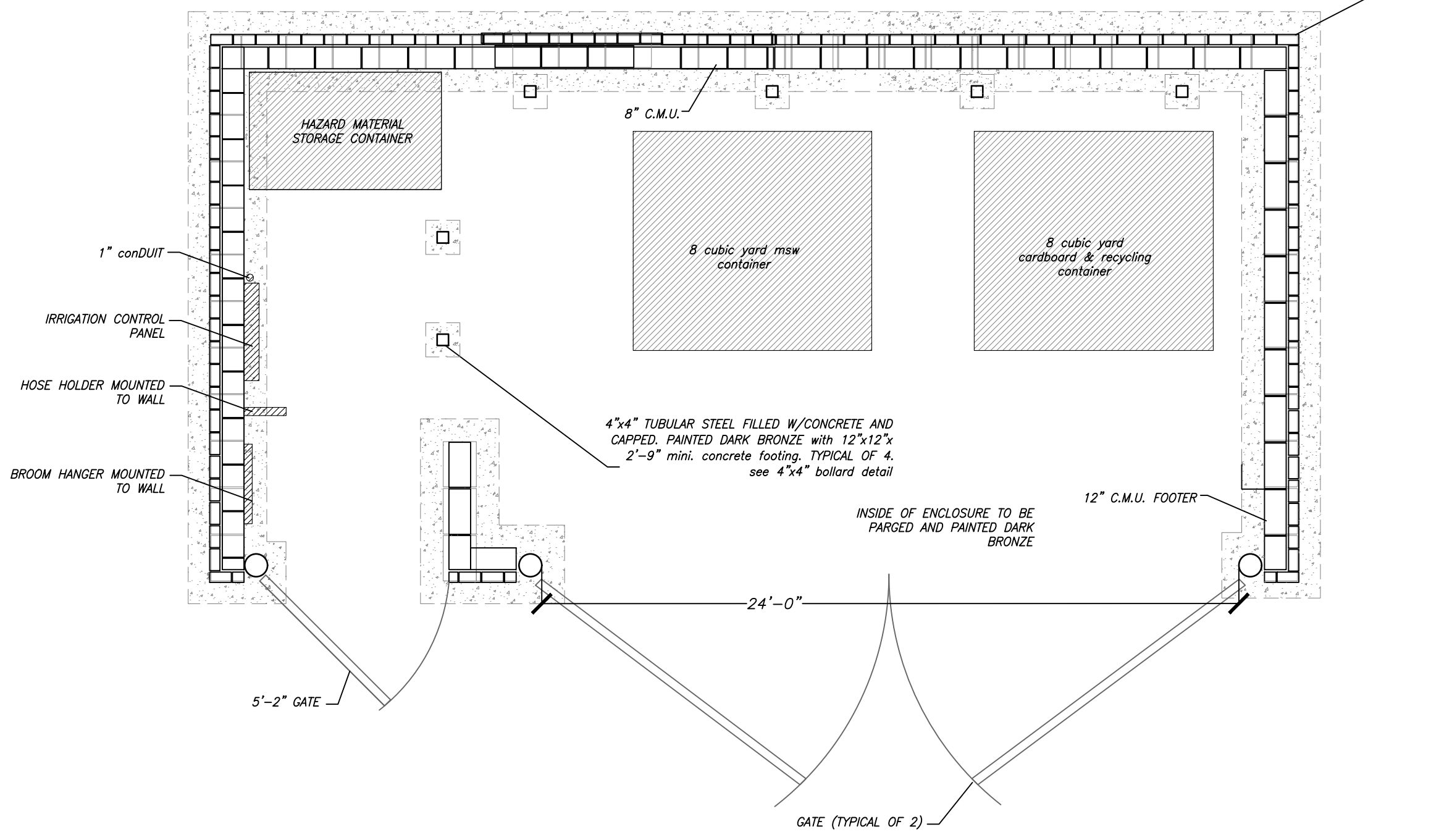




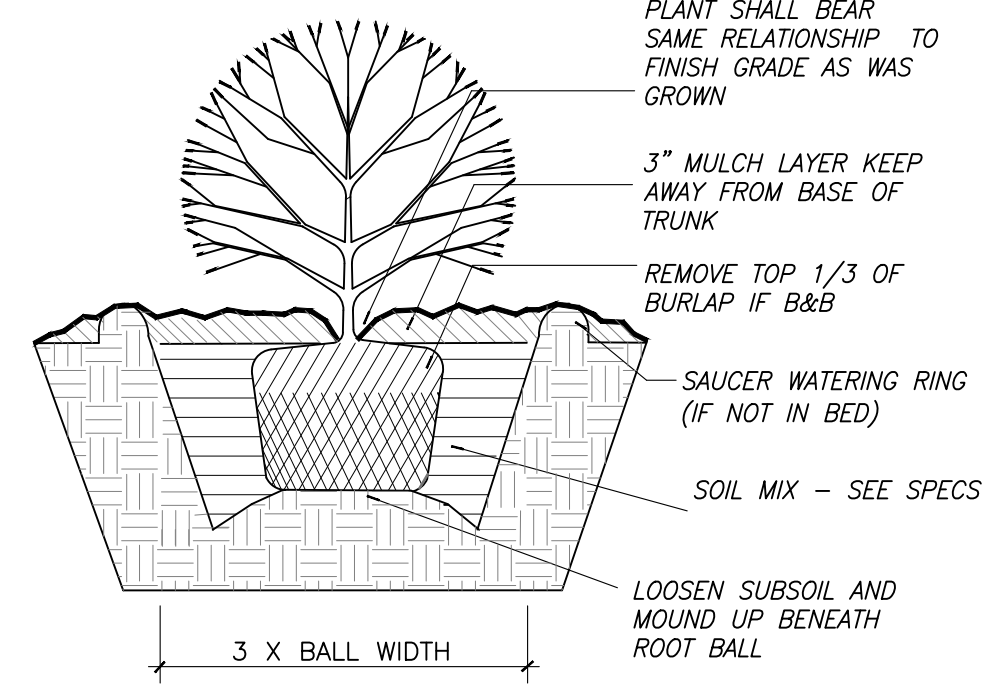
- NOTES:
1. MOVE FENCE OR REMOVE TREE IF MORE THAN 20% OF A TREE'S CRITICAL ROOT AREA IS UNPROTECTED.
 2. ROOT PRUNE TREES TO REMAIN WHERE CONSTRUCTION ACTIVITIES WILL SEVER ROOTS.
 3. ANY TREE ROOTS EXPOSED BY CONSTRUCTION SHALL BE SEVERED CLEANLY WITH A PRUNING TOOL.
 4. DO NOT DISPOSE OF ANY CHEMICALS OR REMOVE SOIL OUTSIDE THE LIMITS OF WORK.
 5. WHEN INSTALLING NEW LANDSCAPE PLANTS, DO NOT DRIVE EQUIPMENT UPON OR DISTURB THE SOIL WITHIN THE CRITICAL ROOT ZONE OF EXISTING TREES.
 6. SIGNAGE MUST BE PLACED ON TREE PROTECTION FENCING WITH A MINIMUM MINIMUM SPACING OF 75' O.C. TO READ 'TREE PROTECTION AREA - NO TRESPASSING WITHIN THE FENCE'.



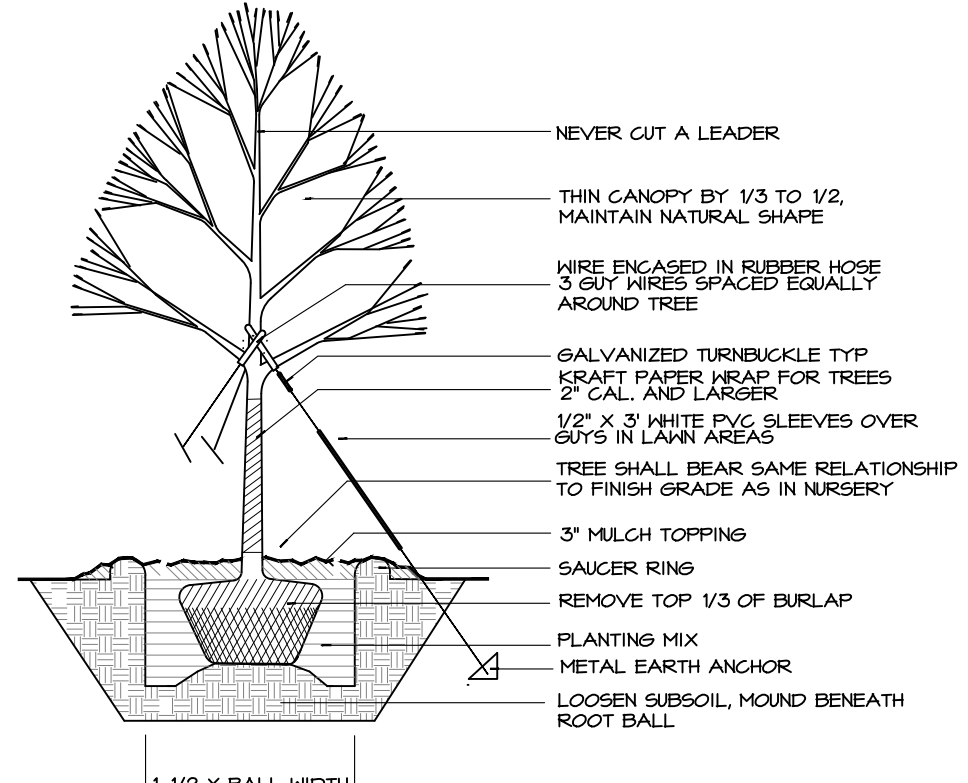
1 TREE PROTECTION FENCING
C801 1" = 4'-0"



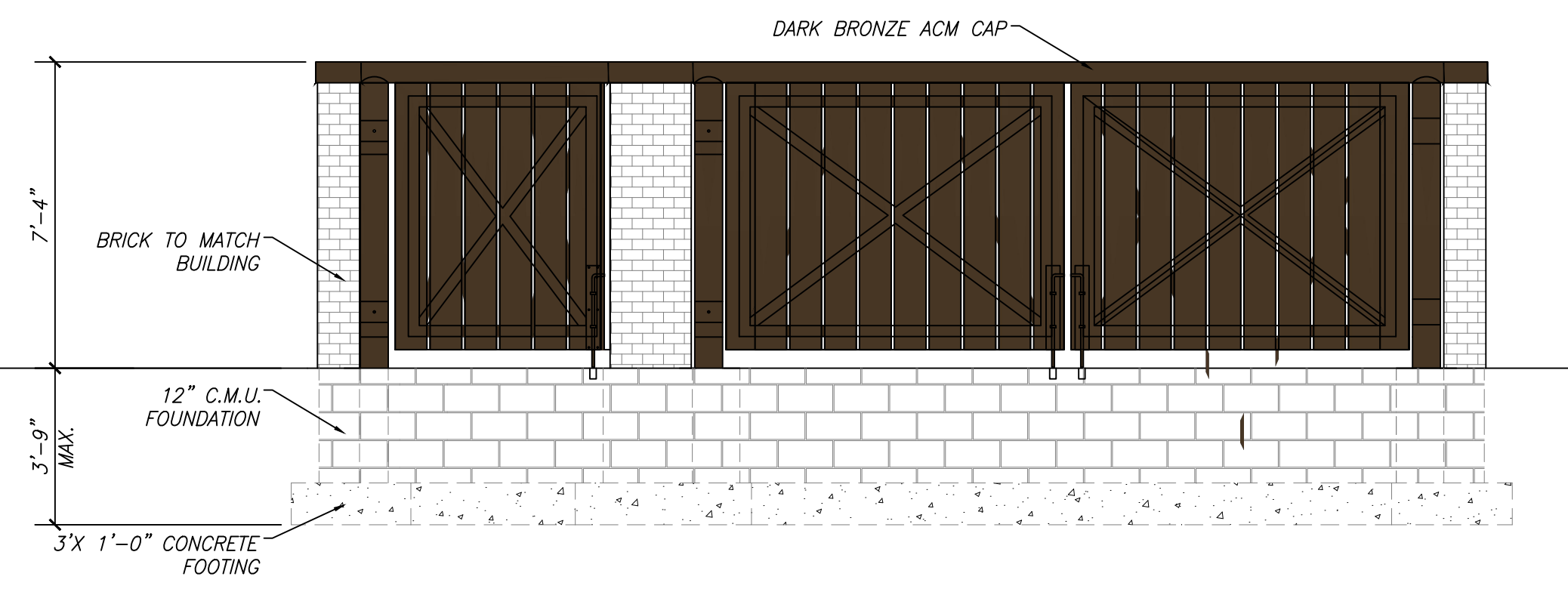
2 DOUBLE DUMPSTER
C801 NOT TO SCALE



4 SHRUB DETAIL
C801 NO SCALE

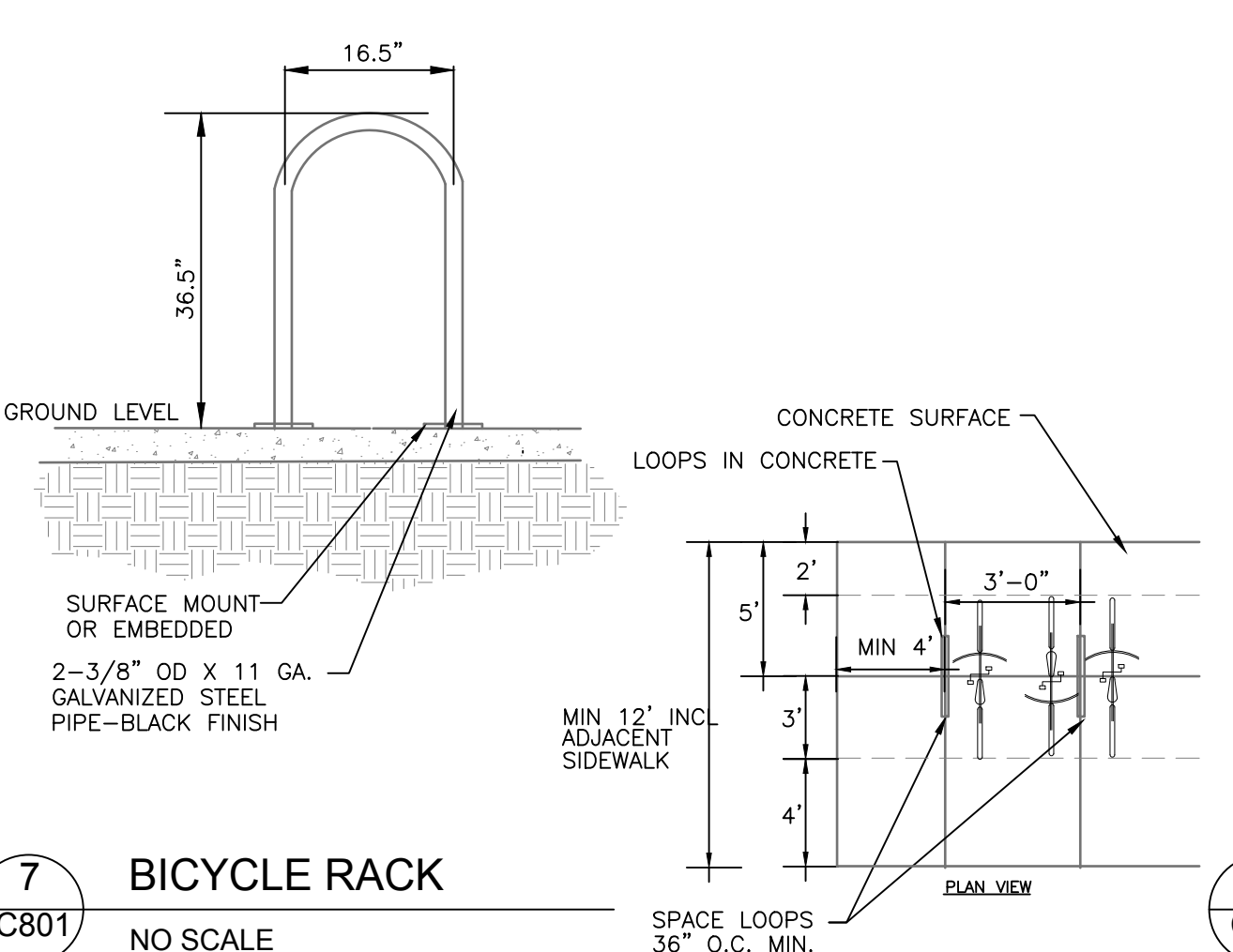


5 TREE PLANTING DETAIL
C801 NO SCALE

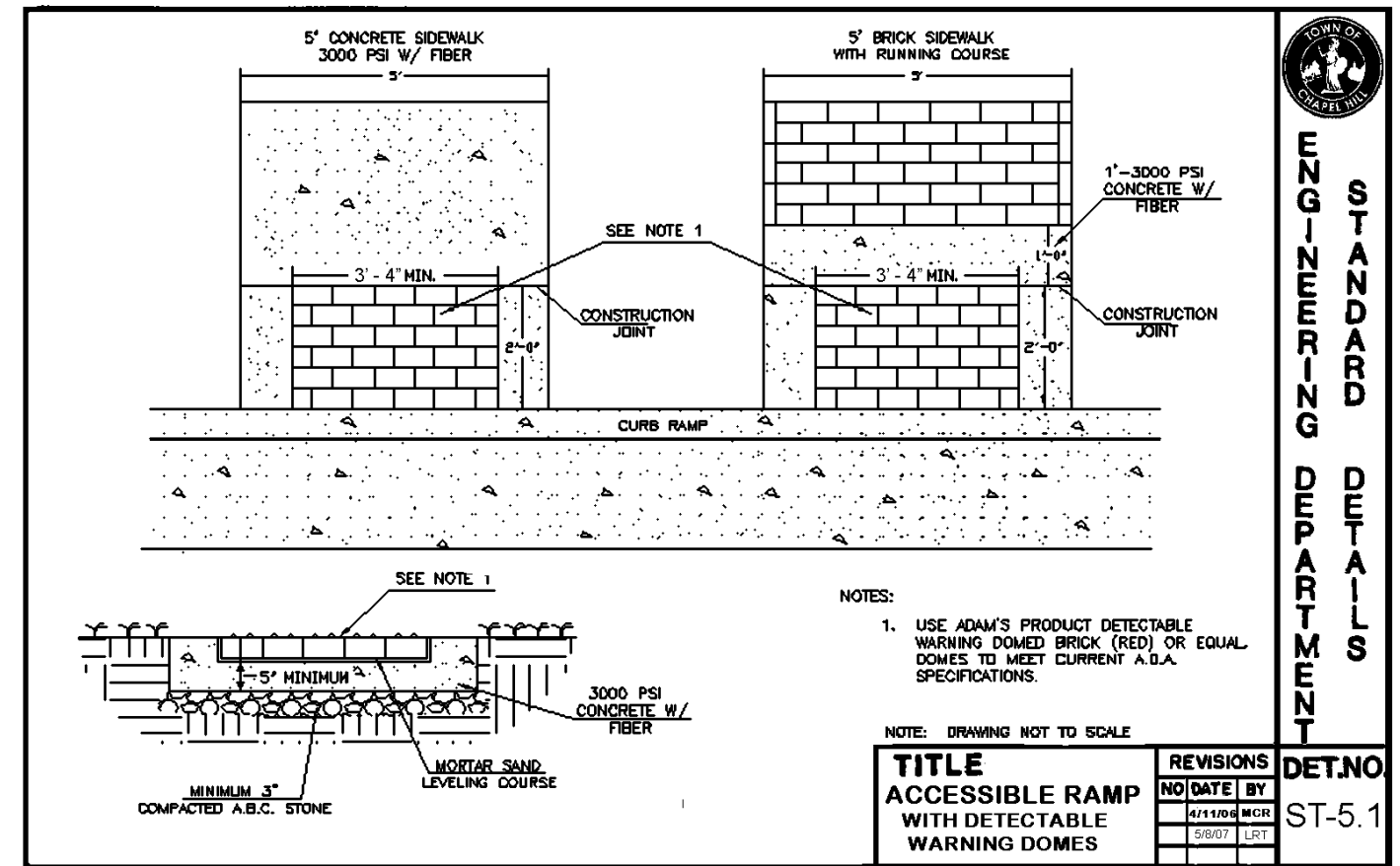


6 NOT USED
C801 NO SCALE

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



7 BICYCLE RACK
C801 NO SCALE



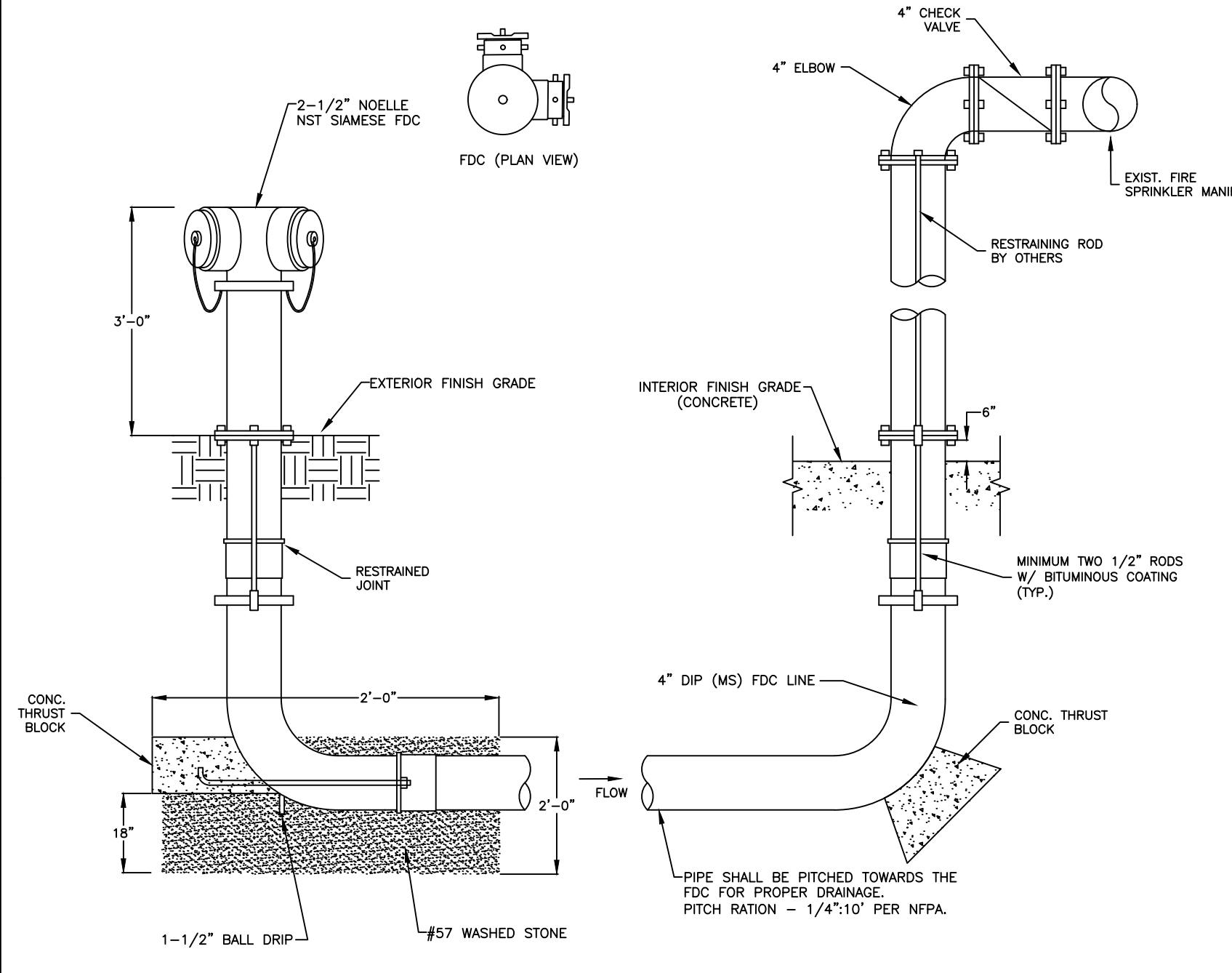
8 ACCESSIBLE RAMP
C801 NO SCALE

ENGINEERING STANDARDS DEPARTMENT

NOTES:

1. CONSTRUCT THE WALKING SURFACE WITH SLIP RESISTANCE AND A TONE CONTRASTING COLOR TO THE SIDEWALK.
2. CROSSWALK WIDTH AND CONFIGURATION MAY VARY BUT MUST CONFORM TO TRAFFIC DESIGN STANDARDS.
3. PROVIDE WHEELCHAIR RAMP AT LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. LOCATE WHEELCHAIR RAMP AS DIRECTED BY THE ENGINEER WHERE EXISTING LIGHT POLES, FIRE HYDRANTS, STOP SIGNS, ETC. WOULD PLACE WHEELCHAIR RAMP UNDESIRABLY. PLACE WHEELCHAIR RAMP AS DIRECTED BY THE ENGINEER WHERE EXISTING LIGHT POLES, FIRE HYDRANTS, STOP SIGNS, ETC. WOULD PLACE WHEELCHAIR RAMP UNDESIRABLY TO THE TRAVEL LANE BEING CROSSING.
4. DO NOT EXCEED CURB (12-13) SLOPE ON THE WHEELCHAIR RAMP IN RELATIONSHIP TO THE GRADE OF THE STREET.
5. CONSTRUCT WHEELCHAIR RAMP 40" (3'-4") OR GREATER FOR DUAL RAMP AND 40" (3'-4") OR GREATER FOR DIAGONAL RAMP.
6. USE CONCRETE WITH A SIDEWALK FINISH IN ORDER TO OBTAIN A ROUGH NON-SKID TYPE SURFACE.
7. PLACE A 1/2" EXPANSION JOINT WHERE THE CONCRETE WHEELCHAIR RAMP JOINS THE CURB AS SHOWN ON DETAIL ST-5A.
8. RAISE THE INSIDE SIDEWALK CROSSWALK LANE TO CLEAR IN THE INTERSECTION BY RECEIVING THE INTERSECTION PAVEMENT WITH ALLOWANCE OF A 4' CLEAR ZONE IN THE VERTICAL TRAVELWAY WHEN THE RAMP IS INSTALLED. (SEE NOTE 1.3)
9. DISCONNECT THE CURB JOINT AND THE INTERSECTION CROSSWALK LANE TO THE FLOOR OF THE WHEELCHAIR RAMP. ALL FALL WITHIN THE SIDEWALK CROSSWALK LANE. PLACE DIAGONAL RAMP WITH FLARED SIDES TO 24" OF FULL HEIGHT CURB FALL WITHIN THE SIDEWALK MARKINGS ON EACH SIDE OF THE FLARE.
10. CONSTRUCT THE SIDEWALK CROSSWALK A MINIMUM OF 6 FEET. A CROSSWALK WIDTH OF 8 FEET OR GREATER IS DESIRABLE.
11. USE STOP LINES NORMALLY PERPENDICULAR TO THE LANE LINES, WHERE IT IS IMPORTANT TO INDICATE THE POINT BEHIND WHICH VEHICLES ARE REQUIRED TO STOP IN COMPLIANCE WITH A TRAFFIC SIGNAL, STOP SIGN OR OTHER SIGNAL REQUIREMENT. AN UNUSUAL APPROACH SIGN MAY REQUIRE THE PLACEMENT OF THE STOP LINE TO BE PARALLEL TO THE INTERSECTION ROADWAY.
12. TRANSVERSE PARKING A MINIMUM OF 20 FEET BACK OF SIDEWALK CROSSWALK.
13. PLACE ALL PARKING MARKINGS IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION AND THE NORTH CAROLINA SUPPLEMENT TO THE MUTCD.

TITLE: ACCESSIBLE RAMP WITH DETECTABLE WARNING DOMES
REVISIONS: 06/03 JH
DET. NO. ST-5.1



9 FDC
C801 NO SCALE

FIRE DEPARTMENT CONNECTIONS, LOCATIONS: Any required FDCs for any buildings shall meet the design and installation requirements for the current, approved edition of NFPA 13, 130, 13R, or 14 of the NCFAC and Town Ordinances; 7-38 for location. FDCs shall be installed on the street/address side of the building and within 100' of a hydrant or unless otherwise approved by the fire code official and shall not be obstructed or hindered by parking or landscaping.

**1200 MLK
SELF STORAGE CENTER**

ORANGE COUNTY
NORTH CAROLINA

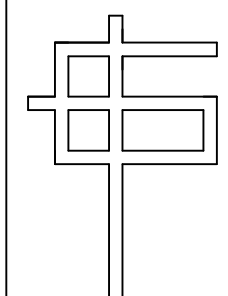
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GENERAL NOTES:

1. THIS DRAWING IS SCHEMATIC DESIGN ONLY AND NOT FOR CONSTRUCTION. IT IS FOR REVIEW AND DISCUSSION

REV. DATE: REVISION DESCRIPTION

8/1/19	BRICK PANELS
10/31/19	REV. PER SITE



G. CLEVELAND PATE, PLLC
Architecture • Planning
6013 Fordland Drive, Raleigh, NC 27606
919-851-0052

SEALS:

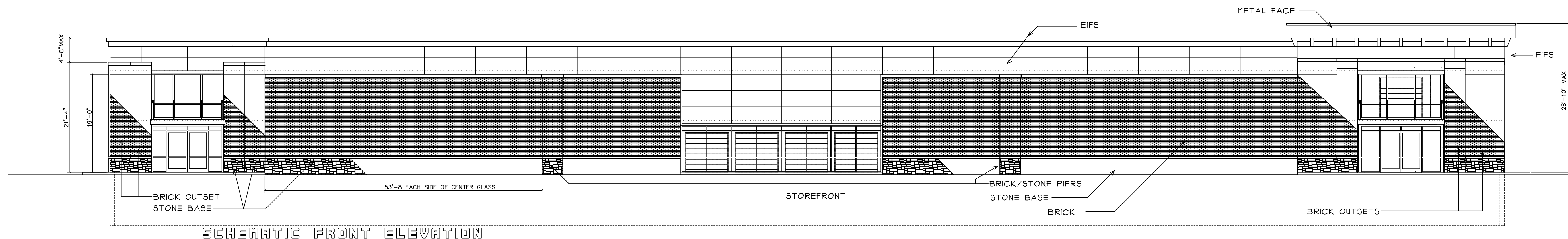


SEALS:

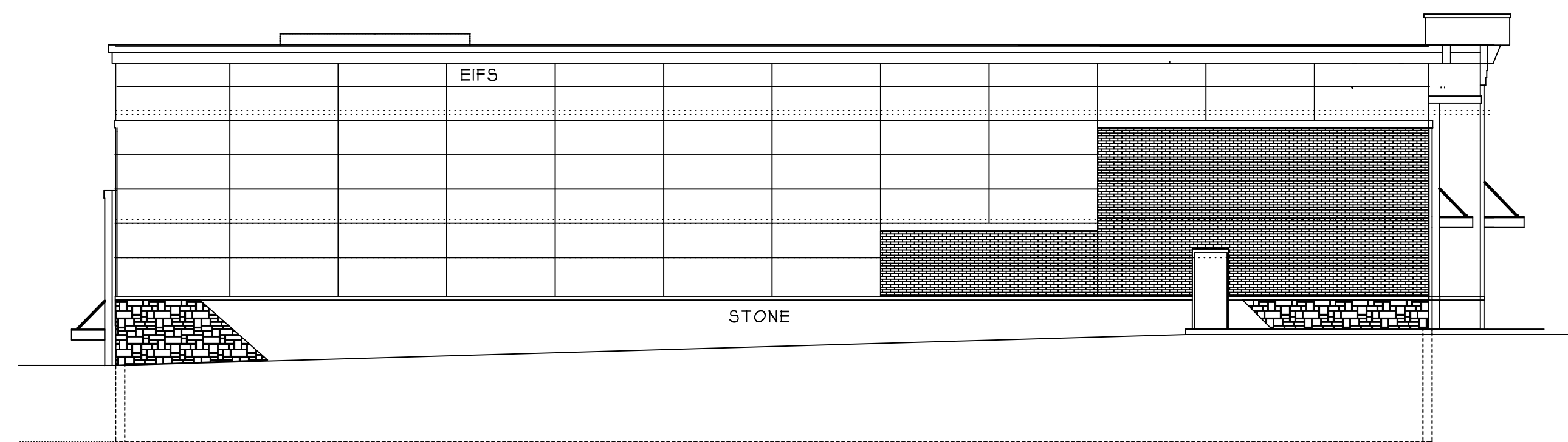
**NOT FOR
CONSTRUCT**

ELEVATIONS

GCP	GCP	SHEET:
DESIGNED BY:	DRAWN BY:	A-1
GCP	GCP	OF:
CHECKED BY:	APPROVED BY:	DATE:
1200MLK	1200MLKA	7/19/19
CAD FILE NAME:	PROJECT #	DATE:

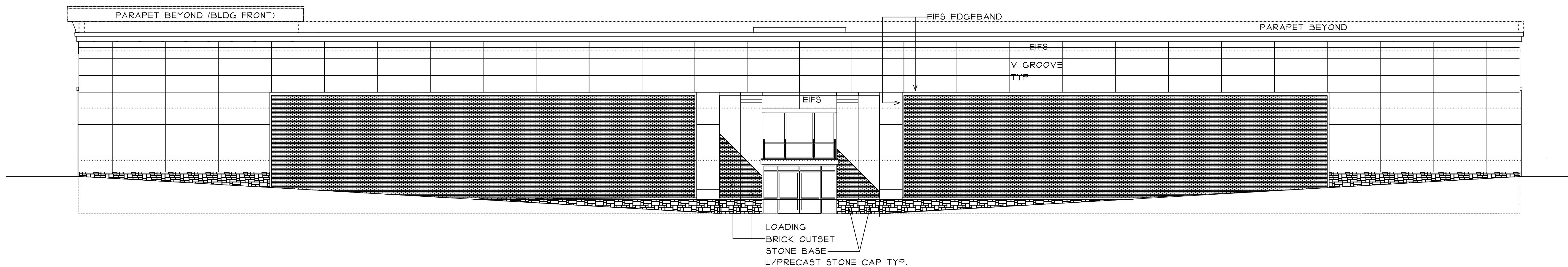


SCHEMATIC FRONT ELEVATION

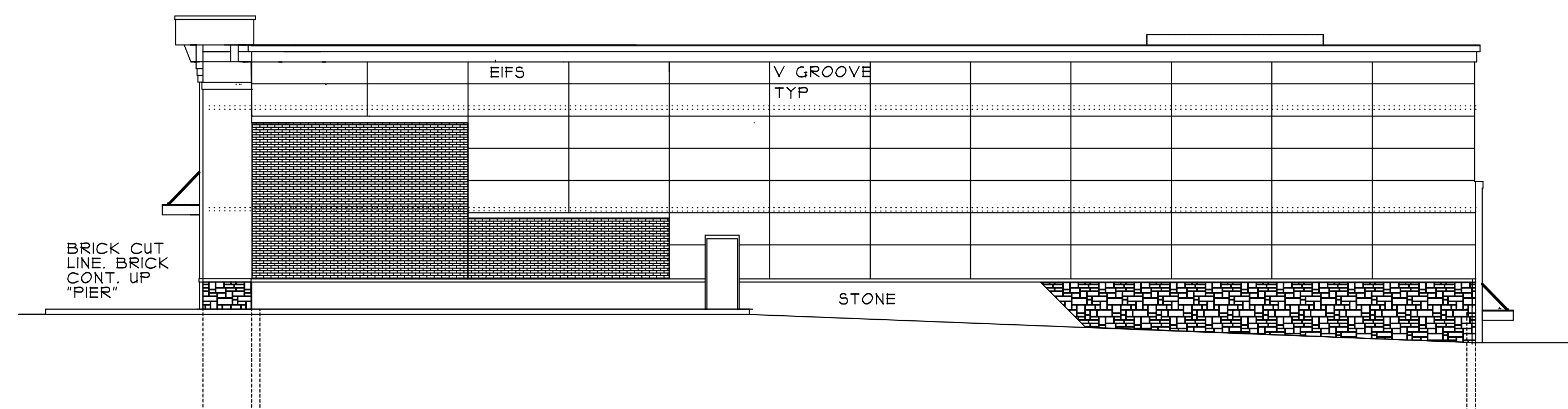


SCHEMATIC LEFT ELEVATION

MATERIAL COLOR KEY: (SEE SAMPLES)
 RED METAL-METAL CAP AS CALLED AND ALUMINUM STOREFRONT-REGAL RED
 RED EIFS- DRYVIT RED (POSSIBLY EIFS REFLECTIT (METAL LIKE EIFS)
 (PARAPET CAP FRONT AND SIDES ONLY-REAR CAP IS GREY)
 EIFS MAIN BLDG COLOR-MOUNTAIN FOG GRAY 132
 EIFS * ENTRY AND LOADING-DRIFTWOOD GRAY 133
 EIFS * DECORATIVE CAP WORK BELOW RED CAP-MOUNTAIN FOG GRAY 132
 BRICK-GENERAL SHALE SMOKE GREY VELOUR OR SIMILAR GREY
 (FINAL PICK SHOULD BE SOME CONTRAST TO EIFS/STONE.-GREY MORTAR)
 STONE BASE SIM. TO CULTURED STONE -"LIMESTONE SUEDE". NOTE THAT
 REAL STONE OR SIM. ARCHITECTURAL CONC. STONE MAY BE USED.



SCHEMATIC REAR ELEVATION
SEE FRONT ELEVATION FOR TYP, MATERIAL /COLOR NOTES



SCHEMATIC RIGHT ELEVATION

ALL @ 3/8" = 1'