

1200 MLK

SHEETZ & CLIMATE CONTROLLED STORAGE

1200 & 1204 Martin Luther King Jr. Boulevard

OWNER / CLIENT:

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LIC # C-1209
NC BOARD OF LANDSCAPE
ARCHITECTS LIC # C-104

Project:

1200 MLK

SHEETZ &
CLIMATE
CONTROLLED
STORAGE

1200 & 1204
Martin Luther King Jr.
Boulevard

Orange County,
North Carolina

PIN:
9789297279
9789392409

PRELIMINARY-DO NOT
USE FOR CONSTRUCTION

Job Number: 1658

Drawn	JSA, TRM, HGR, MTC
Checked	JSA, PBR
Date	6-10-2021 ZCP SUB #1
Revisions	11-02-2021 ZCP SUB #2
	02-07-2022 ZCP SUB #3
	04-22-2022 ZCP SUB #4

Zoning Compliance Permit

Sheet Title:

COVER
SHEET

Sheet Number

C000

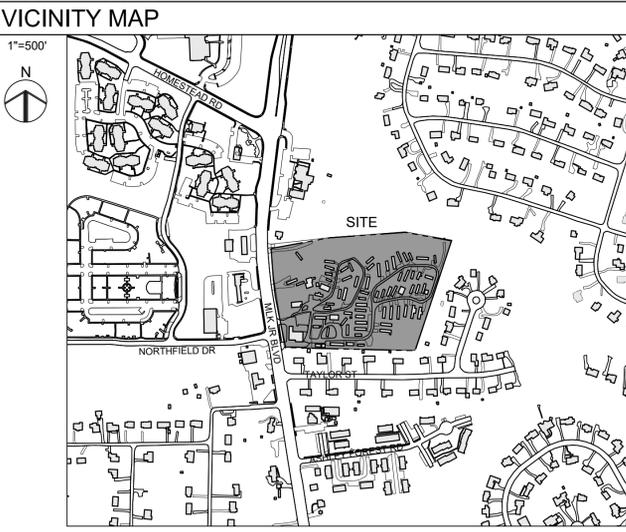
PROJECT DATA	
EXISTING PARCELS	
PARCEL 1: ADDRESS PIN ACREAGE ZONE	1200 MARTIN LUTHER KING JR. BLVD. 9789297279 32,068.98 SF / 0.736 AC NC
PARCEL 2: ADDRESS PIN ACREAGE ZONE	1204 MARTIN LUTHER KING JR. BLVD. 9789392409 574,173.80 SF / 13.181 AC R-4
GROSS LAND AREA:	606,242.78 SF / 13.917 AC
PROPOSED PARCELS	RE: 2/C200
PARCEL 1: ACREAGE ZONING	68,739.55 SF / 1.578 AC (NET LAND AREA) 81,920 SF / 1.881 AC (GROSS LAND AREA) NC-CZD
PARCEL 2: ACREAGE ZONING	75,123.73 SF / 1.725 AC (NET LAND AREA) 78,264 SF / 1.797 AC (GROSS LAND AREA) O1-2-CZD
PARCEL 3: ACREAGE ZONING	462,379.49 SF / 10.615 AC (NET LAND AREA) 475,460 SF / 10.915 AC (GROSS LAND AREA) O1-2-CZD WITH PLANNED DEVELOPMENT OVERLAY (PD-H)
TOTAL LAND AREA:	606,242.78 SF / 13.917 AC (NET LAND AREA) 635,644 SF / 14.592 AC (GROSS LAND AREA)
LAND USE:	
EXISTING	CONVENIENCE STORE & MOBILE HOME PARK
PROPOSED	
PARCEL 1	PRINCIPAL USE - CONVENIENCE STORE
PARCEL 2	ACCESSORY USE TO PARCEL 3 - SELF STORAGE
PARCEL 3	PRINCIPAL USE - MOBILE HOME PARK
ZONING:	
EXISTING	NC-CZD 68,739.55 SF / 1.578 AC O1-2 CZD 537,503.22 SF / 12.339 AC
ALLOWABLE FAR FOR 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	4,959 SF FOOTPRINT / OVERALL
SELF STORAGE	33,600 SF FOOTPRINT (134,400 SF OVERALL)
PROPOSED BUILDING HEIGHT:	(EXCLUDES EXCEPTIONS LISTED IN LUMO 3.8.3 a&b)
CONVENIENCE STORE	1-STORY : 18'-0"
SELF STORAGE	4-STORY : 38'-0"
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
PROPOSED	= 44 SPACES PROVIDED
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 (RACK LOCATED INSIDE CONVENIENCE STORE) = 10 SPACES (5 LOOPS) PROVIDED
AREA OF DISTURBANCE:	(SEE 3/C300)
IMPERVIOUS SURFACE:	(SEE 4/C300)
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.

CONDITIONS OF APPROVAL
1. 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-FEET 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.
2. 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.
3. 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.
4. 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.
5. 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.

CONDITIONAL USES / CONDITIONS OF APPROVAL

5. CONTINUED EXISTENCE OF MOBILE HOME PARK ON PROPERTY: FOR FIFTEEN (15) YEARS FROM THE DATE OF THE ADOPTION HEREOF, THE ONLY PERMITTED USE OF THE PORTION OF PROPERTY ON WHICH A MOBILE HOME PARK PRESENTLY IS LOCATED SHALL BE FOR A MOBILE HOME PARK, AND SUCH ACCESSORY USES AS MAY BE PERMITTED FROM TIME TO TIME BY APPLICABLE LAW. DURING THIS FIFTEEN (15) YEAR PERIOD, NO TENANT OF THE PARK SHALL HAVE THEIR LEASE TERMINATED OR BE ASKED TO REMOVE THEIR MOBILE HOME FROM THE PARK, SO LONG AS THEIR LEASE IS NOT IN DEFAULT. IF A TENANT DEFAULTS UNDER THE TERMS OF THEIR LEASE, THE DEVELOPER OR ITS SUCCESSORS SHALL HAVE ALL THE RIGHTS AND REMEDIES AVAILABLE UNDER THE TERMS OF ANY APPLICABLE LEASE, OR OTHER APPLICABLE LAW, TO CAUSE THE REMOVAL OF THE MOBILE HOME IN QUESTION, AND TO PURSUE MONEY DAMAGES AND OTHER REMEDIES WHICH MAY BE PERMITTED BY LAW. FOR THE PURPOSES HEREOF OF THE "TENANTS" ARE THE PERSONS WHO FROM TIME TO TIME, LEASE SPACES IN THE MOBILE HOME PARK FROM THE DEVELOPER OR ITS SUCCESSORS, AS LANDLORD, FOR THE PURPOSE OF LOCATING MANUFACTURED HOMES TO WHICH THEY HOLD TITLE. THE DEVELOPER AND ITS SUCCESSORS SHALL USE COMMERCIALY REASONABLE EFFORTS TO MAINTAIN THE OCCUPANCY OF THE MOBILE HOME PARK AT FULL OCCUPANCY FOR THE FULL FIFTEEN (15) YEAR PERIOD OF THIS CONDITION.
6. ACCEPTING LOCAL MOBILE HOMES: FOR A PERIOD OF FIFTEEN (15) YEARS FROM THE DATE OF THE ADOPTION HEREOF, THE DEVELOPER AND ITS SUCCESSORS SHALL NOTIFY THE TOWN IN WRITING BY CERTIFIED MAIL AS WELL AS BY EMAIL, READ RECEIPT REQUESTED, ADDRESSED TO THE TOWN MANAGER, WHEN A LOT IN THE PARK BECOMES AVAILABLE FOR A NEW MOBILE HOME. THE TOWN THEN WILL HAVE THE RIGHT TO MAKE THIS FACT KNOWN TO THE CURRENT RESIDENTS OF OTHER SIMILAR MOBILE HOME PARKS WITHIN THE JURISDICTION OF THE TOWN. THE DEVELOPER AND ITS SUCCESSORS SHALL HOLD ANY AVAILABLE LOT FOR 60 DAYS FROM THE DATE ON WHICH THE TOWN RECEIVES THIS NOTIFICATION TO ALLOW PERSONS CONTACTED BY THE TOWN AN OPPORTUNITY TO APPLY TO LEASE THE LOT. NOTHING HEREIN SHALL REQUIRE THE DEVELOPER TO LEASE A LOT IN THE PARK TO ANY PERSON WHO IS NOT A TENANT ON THE DATE HEREOF, IN ACCORDANCE WITH THE TERMS HEREOF.
12. TRANSIT STOP: PRIOR TO FINAL ZONING INSPECTION, THE DEVELOPER SHALL PROVIDE A PAYMENT-IN-LIEU OF \$15,000 FOR BUS RAPID TRANSIT (BRT) STOP IMPROVEMENTS.
29. SHORT TERM RENTAL USE PROHIBITED: SHORT TERM RENTAL USE OF THE MANUFACTURED HOME PARK IS PROHIBITED.
36. DRIVEWAY PERMIT: THE DEVELOPER MUST OBTAIN AN APPROVED DRIVEWAY PERMIT AND/OR ENCROACHMENT AGREEMENT(S) PRIOR TO BEGINNING ANY PROPOSED WORK WITHIN THE NCDOT RIGHT-OF-WAY. AS A CONDITION OF THE PERMIT, THE PERMITTEE SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF STIPULATED IMPROVEMENTS IN ACCORDANCE WITH NCDOT REQUIREMENTS. AN APPROVED PERMIT WILL BE ISSUED UPON RECEIPT OF APPROVED ROADWAY AND SIGNAL CONSTRUCTION PLANS, INSPECTION FEES, AND ANY NECESSARY PERFORMANCE AND INDEMNITY BONDS.
44. INVASIVE EXOTIC VEGETATION: PRIOR TO ISSUANCE OF A ZONING COMPLIANCE PERMIT, THE DEVELOPER SHALL IDENTIFY ON THE PLANTING PLAN ANY KNOWN INVASIVE EXOTIC SPECIES OF VEGETATION, AS DEFINED BY THE SOUTHEAST EXOTIC PEST PLANT COUNCIL (SE-EPCC), AND PROVIDE NOTES INDICATING REMOVAL OF THESE SPECIES FROM THE LANDSCAPE BUFFER AREAS PRIOR TO PLANTING. [TOWN DESIGN MANUAL]
51. DEMOLITION PLAN: PRIOR TO BEGINNING ANY PROPOSED DEMOLITION ACTIVITY, THE DEVELOPER MUST OBTAIN DEMOLITION PERMITS FROM BOTH THE PLANNING AND INSPECTIONS DEPARTMENTS. WHILE THE DEMOLITION COMPONENT MAY BE SUBMITTED TO PLANNING IN TANDEM WITH THE ZONING COMPLIANCE PERMIT FOR NEW CONSTRUCTION, A SEPARATE STAND-ALONE DEMOLITION PERMIT SHALL BE ISSUED PRIOR TO AN INSPECTION'S DEMOLITION PERMIT. FURTHER, PRIOR TO THE ISSUANCE OF A DEMOLITION PERMIT FOR ALL EXISTING STRUCTURES 500 SQUARE FEET OR LARGER, ORANGE COUNTY SOLID WASTE STAFF SHALL CONDUCT A DECONSTRUCTION ASSESSMENT PURSUANT TO THE COUNTY'S REGULATED RECYCLABLE MATERIALS ORDINANCE (RRMO).
58. EROSION CONTROL INSPECTIONS: IN ADDITION TO THE REQUIREMENT DURING CONSTRUCTION FOR INSPECTION AFTER EVERY RAINFALL, THE DEVELOPER SHALL INSPECT THE EROSION AND SEDIMENT CONTROL DEVICES DAILY, MAKE ANY NECESSARY REPAIRS OR ADJUSTMENTS TO THE DEVICES, AND MAINTAIN INSPECTION LOGS DOCUMENTING THE DAILY INSPECTIONS AND ANY NECESSARY REPAIRS. [ORANGE COUNTY EROSION CONTROL]
63. REPAIR/REPLACEMENT OF DAMAGED STORMWATER INFRASTRUCTURE: EXISTING STORMWATER INFRASTRUCTURE THAT IS DAMAGED AS A RESULT OF THE PROJECT DEMOLITION OR CONSTRUCTION MUST BE REPAIRED OR REPLACED, AS SPECIFIED BY THE STORMWATER MANAGEMENT ENGINEER, PRIOR TO REQUESTING A CERTIFICATE OF OCCUPANCY. [TOWN OF CHAPEL HILL DESIGN MANUAL]
65. ENERGY EFFICIENCY: PRIOR TO ISSUANCE OF A ZONING COMPLIANCE PERMIT, AN ENERGY EFFICIENCY PLAN SHALL INCORPORATE A "20 PERCENT MORE ENERGY EFFICIENT" FEATURE RELATIVE TO THE 90.1 ENERGY EFFICIENCY STANDARD OF THE AMERICAN SOCIETY OF HEATING, REFRIGERATION, AND AIR CONDITIONING ENGINEERS (ASHRAE), AS AMENDED AND IN EFFECT AT THE TIME OF SPECIAL USE PERMIT ISSUANCE. COMPARABLE STANDARDS GENERALLY RECOGNIZED AS APPLICABLE TO BUILDING ENERGY CONSUMPTION, AS AMENDED AND IN EFFECT AT THE TIME OF BUILDING PERMIT ISSUANCE, MAY BE SUBMITTED TO THE TOWN MANAGER FOR REVIEW AND APPROVAL. THE "20 PERCENT MORE ENERGY EFFICIENT" FEATURE INTO THE FINAL PLANS. AN ENERGY MODEL SHOULD BE USED TO DEMONSTRATE THAT THE DESIGN WILL MEET THE AFOREMENTIONED ENERGY PERFORMANCE TARGET. [TOWN POLICY APRIL 2007]
FIRE SAFETY FOR COMMERCIAL STRUCTURES
74. FIRE SPRINKLERS: THE DEVELOPER SHALL INSTALL SPRINKLERS UNDER THE NORTH CAROLINA FIRE PROTECTION CODE (NC FPC) PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY. PRIOR TO ISSUANCE OF A ZONING COMPLIANCE PERMIT, THE PLANS SHALL SHOW ALL PROPOSED FIRE DEPARTMENT CONNECTIONS TO SUCH SYSTEMS. [TOWN CODE 7-56]
75. GATES AND BARRICADES: WHERE REQUIRED OR AUTHORIZED BY THE FIRE CODE OFFICIAL AND PERMANENT OR TEMPORARY (CONSTRUCTION) ANY GATES ACROSS FIRE DEPARTMENT ACCESS ROADS SHALL BE A MINIMUM WIDTH OF 20 FEET, BE OF SWINGING OR SLIDING TYPE, HAVE AN EMERGENCY MEANS OF OPERATION, 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 2018, 503.5, 503.6, D103.5]
76. GRADE AND APPROACH: FIRE APPARATUS ACCESS ROADS SHALL NOT EXCEED 10 PERCENT IN GRADE UNLESS APPROVED BY THE FIRE CHIEF, AND ALL APPROACH AND DEPARTURE ANGLES SHALL BE WITHIN THE LIMITS ESTABLISHED BASED ON THE FIRE DEPARTMENT'S APPARATUS. [NC FPC 2018, 503.2.7, 503.2.8 AND D103.2]
77. FIRE PROTECTION AND UTILITY PLAN: A FIRE FLOW REPORT FOR HYDRANTS WITHIN 500 FEET OF EACH BUILDING SHALL BE PROVIDED AND DEMONSTRATE THE CALCULATED GALLONS PER MINUTE WITH A RESIDUAL PRESSURE OF 20 POUNDS PER SQUARE INCH. THE CALCULATION SHOULD BE SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NORTH CAROLINA AND ACCOMPANIED BY A WATER SUPPLY FLOW TEST CONDUCTED WITHIN ONE YEAR OF THE SUBMITTAL. REFER TO THE TOWN DESIGN MANUAL FOR REQUIRED GALLONS PER MINUTE.
78. FIRE DEPARTMENT CONNECTIONS AND STANDPIPES: WHEN THE BUILDING BEING CONSTRUCTED REQUIRES STANDPIPES, A TEMPORARY STANDPIPE CONNECTION WILL BE CONSTRUCTED WITH READY FIRE DEPARTMENT ACCESS WHEN THE BUILDING IS NOT MORE THAN 40 FEET IN HEIGHT. SUCH STANDPIPES SHALL PROVIDE USABLE CONNECTIONS ADJACENT TO THE STAIRS AND SHALL CONTINUE WITH BUILDING PROGRESSION ALWAYS BEING NOT MORE THAN ONE FLOOR BELOW THE HIGHEST FLOOR OF THE BUILDING. [NC FPC 912 & NC FPC 2018 331.3]

COND. USES / CONDITIONS OF APPROVAL CONT'D
79. FIRE COMMAND CENTER: WHERE REQUIRED IN THE NORTH CAROLINA FIRE PROTECTION CODE AND IN ALL HIGH RISE BUILDINGS, A FIRE COMMAND CENTER MUST BE CONSTRUCTED IN ACCORDANCE WITH SECTION 506, NC FPC 2018.
80. AERIALS: WHERE A BUILDING EXCEEDS 30 FEET IN HEIGHT OR 3 STORIES ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT ACCESS, OVERHEAD POWER AND UTILITY LINES SHALL NOT BE ALLOWED WITHIN THE AERIAL APPARATUS ACCESS ROADWAY AND THE ROADWAY SHALL HAVE AN UNOBSTRUCTED WIDTH OF 26 FEET EXCLUSIVE OF THE SHOULDERS. AT LEAST ONE OF THE APPARATUS ACCESS ROADWAYS SHALL BE LOCATED WITHIN A MINIMUM OF 15 FEET AND MAXIMUM OF 30 FEET FROM ONE COMPLETE SIDE OF THE BUILDING. [NC FPC 2018 D105.1, D105.2, D105.3, D105.4]
81. FIRE APPARATUS ACCESS ROAD: ANY FIRE APPARATUS ACCESS ROADS (ANY PUBLIC/PRIVATE STREET, PARKING LOT ACCESS, FIRE LANES AND ACCESS ROADWAYS) USED FOR FIRE DEPARTMENT ACCESS SHALL BE ALL-WEATHER AND DESIGNED TO CARRY THE IMPOSED LOAD OF FIRE APPARATUS WEIGHING AT LEAST 80,000 LBS. FIRE APPARATUS ACCESS ROADS SHALL HAVE A MINIMUM WIDTH OF 20 FEET EXCLUSIVE OF SHOULDERS WITH AN OVERHEAD CLEARANCE OF AT LEAST 13 FEET INCHES FOR STRUCTURES NOT EXCEEDING 30 FEET IN HEIGHT AND SHALL PROVIDE ACCESS TO WITHIN 150 FEET OF ALL EXTERIOR PORTIONS OF THE BUILDING. STRUCTURES EXCEEDING 30 FEET IN HEIGHT SHALL BE PROVIDED WITH AN AERIAL APPARATUS ACCESS ROAD 26 FEET IN WIDTH IN THE IMMEDIATE VICINITY OF THE BUILDING OR PORTION THEREOF AND SHALL PROVIDE AT LEAST ONE OF THE REQUIRED ACCESS ROADS TO BE LOCATED NOT LESS THAN 15 FEET AND NOT MORE THAN 30 FEET FROM THE STRUCTURE PARALLEL TO ONE ENTIRE SIDE OF THE STRUCTURE. [NC FPC 2018 502.1, 503.1.1, 503.2.1, D102.1 SECOND ACCESS DEPENDENT UPON NORTH CAROLINA DEPARTMENT OF TRANSPORTATION APPROVAL]
82. DEAD END ACCESS ROADS: DEAD END FIRE APPARATUS ACCESS ROADS EXCEEDING 150 FEET SHALL HAVE A DESIGNATED TURN AROUND. THE TURNAROUND SHALL MEET ONE OF THE DESIGN STANDARDS OF NC FPC 2018, APPENDIX D TABLE D 103.4.
83. BUILDING HEIGHT: BUILDINGS EXCEEDING 30 FEET OR THREE STORIES IN HEIGHT MUST HAVE AT LEAST TWO MEANS OF FIRE APPARATUS ACCESS SEPARATED BY AT LEAST ONE HALF THE DIAGONAL DISTANCE OF THE BUILDING. [NC FPC 2018, D104.1, D104.3 DEPENDENT UPON NORTH CAROLINA DEPARTMENT OF TRANSPORTATION APPROVAL]
84. FIRE ACCESS: PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY, FIRE ACCESS SHALL BE REVIEWED AND APPROVED BY THE TOWN OF CHAPEL HILL.
85. FIRE APPARATUS ACCESS ROAD AUTHORITY: THE FIRE CODE OFFICIAL SHALL HAVE THE AUTHORITY TO INCREASE THE MINIMUM ACCESS WIDTHS WHERE THEY ARE DEEMED INADEQUATE FOR FIRE AND RESCUE OPERATIONS. [NC FPC 2018 503.2.2]
86. HYDRANTS ACTIVE: THE DEVELOPER SHALL PROVIDE ACTIVE FIRE HYDRANT COVERAGE, ACCEPTABLE TO THE FIRE DEPARTMENT, FOR ANY AREAS WHERE COMBUSTIBLE CONSTRUCTION MATERIALS WILL BE STORED OR INSTALLED, PRIOR TO HAVING SUCH MATERIALS DELIVERED TO THE SITE. ALL REQUIRED FIRE HYDRANTS MUST BE INSTALLED, ACTIVE, AND ACCESSIBLE FOR THE FIRE DEPARTMENT USE PRIOR TO THE ARRIVAL OF COMBUSTIBLE MATERIALS ON SITE. FIRE PROTECTION SYSTEMS SHALL BE INSTALLED ACCORDING TO TOWN ORDINANCE, THE NC FIRE PROTECTION CODE, AND NATIONAL FIRE PROTECTION ASSOCIATION STANDARD #13. [NC FIRE PROTECTION CODE 2018 SECTION 501.1 & 3312]
87. FIRE HYDRANT AND FDC LOCATIONS: THE FINAL PLANS SHALL INDICATE THE LOCATIONS OF EXISTING AND PROPOSED FIRE HYDRANTS AND FIRE DEPARTMENT CONNECTIONS (FDC). FIRE DEPARTMENT CONNECTIONS SHALL BE LOCATED ON THE STREET SIDE OF THE BUILDING WITHIN 100 FEET OF A HYDRANT. HYDRANT SPACING SHALL COMPLY WITH THE TOWN DESIGN MANUAL. DESIGN SHALL BE REVIEWED AND APPROVED BY THE TOWN MANAGER PRIOR TO ISSUANCE OF A ZONING COMPLIANCE PERMIT. [NC FPC 2018 SECTION 501.5.1.1]
88. FIREFIGHTING ACCESS DURING CONSTRUCTION: VEHICLE ACCESS FOR FIREFIGHTING SHALL BE PROVIDED TO ALL CONSTRUCTION OR DEMOLITION SITES INCLUDING VEHICLE ACCESS TO WITHIN 100 FEET OF TEMPORARY OR PERMANENT FIRE DEPARTMENT CONNECTIONS AND HYDRANTS. VEHICLE ACCESS SHALL BE PROVIDED BY EITHER TEMPORARY OR PERMANENT ROADS CAPABLE OF SUPPORTING VEHICLE LOADING UNDER ALL WEATHER CONDITIONS. [NC FPC 2018, SECTION 3310.1]
89. PREMISE IDENTIFICATION: APPROVED BUILDING ADDRESS NUMBERS, PLACED IN A POSITION ACCEPTABLE TO THE FIRE CODE OFFICIAL, SHALL BE REQUIRED ON ALL NEW BUILDINGS. [NC FPC 2018, 505.1]
90. KEY BOXES: WHERE REQUIRED BY THE FIRE CODE OFFICIAL, A SECURE KEY BOX, MOUNTED ON THE ADDRESS SIDE OF THE BUILDING, NEAR THE MAIN ENTRANCE, SHALL BE PROVIDED TO ENSURE ADEQUATE ACCESS TO THE BUILDING BASED ON LIFE SAFETY AND/OR FIRE PROTECTION NEEDS. [NC FPC 2018, 506]
91. IF AN AUTOMATIC FIRE SPRINKLER SYSTEM IS REQUIRED: AN AUTOMATIC FIRE SPRINKLER SYSTEM MEETING THE REQUIREMENTS OF NFPA STANDARD #13 AND TOWN CODE 7-56 IS REQUIRED TO BE INSTALLED IN NON-RESIDENTIAL CONSTRUCTION.
92. 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, 13D, 13R, OR 14 OF THE NC FPC 2018 AND TOWN CODE 7-38 FOR LOCATION. FDCS SHALL BE INSTALLED WITHIN 100 FEET OF A HYDRANT OR UNLESS OTHERWISE APPROVED BY THE FIRE CODE OFFICIAL AND SHALL NOT BE OBSTRUCTED OR HINDERED BY PARKING OR LANDSCAPING. FDCS SHALL BE EQUIPPED WITH NATIONAL STANDARD THREAD (NST) AND BE 2.5" SIAMENSE.
93. FIRE DEPARTMENT CONNECTIONS, INSTALLATION: A WORKING SPACE OF NOT LESS THAN 36 INCHES IN WIDTH AND DEPTH AND A WORKING SPACE OF 78 INCHES 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 FROM IMPACTS BY AN APPROVED BARRIER. [NC FPC 2018, 912.1, 912.2 912.2.1, 312]
94. FIRE APPARATUS ACCESS FOR CHAPEL HILL FIRE DEPARTMENT: ALL FIRE DEPARTMENT ACCESS DETERMINATIONS SHALL BE BASED UPON CHAPEL HILL FIRE DEPARTMENT APPARATUS SPECIFICATIONS (DATA SPECIFICATIONS PROVIDED BY OFFICE OF THE FIRE MARSHAL/LIFE SAFETY DIVISION) AND FIELD VERIFICATION. ALL PROPOSED FIRE DEPARTMENT ACCESS DESIGNS SHALL BE REVIEWED AND SHALL ALSO PASS FIELD INSPECTION.
95. FIRE FLOW REPORT: THE FINAL PLAN APPLICATION SHALL INCLUDE A FIRE FLOW REPORT SEALED BY AN ENGINEER REGISTERED IN THE STATE OF NORTH CAROLINA. AN OWASA FLOW TEST MUST BE PROVIDED WITH THE REPORT. FIRE FLOW SHALL MEET THE 20 PSI OR EXCEED THE REQUIREMENTS SET FORTH IN THE TOWN DESIGN MANUAL. THE FIRE FLOW REPORT SHALL BE REVIEWED AND APPROVED BY THE TOWN MANAGER PRIOR TO ISSUANCE OF A ZONING COMPLIANCE PERMIT. [TOWN DESIGN MANUAL]
96. FIRE LANE: PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY, ANY FIRE LANE SHALL BE MARKED AND SIGNED IN ACCORDANCE WITH TOWN STANDARDS, WITH THE ASSOCIATED PLANS APPROVED BY THE TOWN MANAGER PRIOR TO ISSUANCE OF A ZONING COMPLIANCE PERMIT. [NC FPC, SECTIONS 2018 503.3, D103.6, D103.6.1, D103.2]
97. 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. [NC FPC 2018 SECTION 510.1]
SOLID WASTE MANAGEMENT AND RECYCLING
99. CONSTRUCTION WASTE: CLEAN WOOD WASTE, SCRAP METAL AND CORRUGATED CARDBOARD (REGULATED RECYCLABLE MATERIALS), ALL PRESENT IN CONSTRUCTION WASTE, MUST BE RECYCLED. ALL HAULERS OF CONSTRUCTION WASTE CONTAINING REGULATED RECYCLABLE MATERIALS MUST BE PROPERLY LICENSED WITH ORANGE COUNTY SOLID WASTE. THE DEVELOPER SHALL PROVIDE THE NAME OF THE PERMITTED WASTE DISPOSAL FACILITY TO WHICH ANY LAND CLEARING OR DEMOLITION WASTE WILL BE DELIVERED. [ORANGE COUNTY SOLID WASTE]
100. DECONSTRUCTION ASSESSMENT: FOR ANY EXISTING STRUCTURE 500 SQUARE FEET OR LARGER A DECONSTRUCTION ASSESSMENT SHALL BE CONDUCTED BY OCSW STAFF PRIOR TO THE ISSUANCE OF A DEMOLITION PERMIT PURSUANT TO THE COUNTY'S REGULATED RECYCLABLE MATERIALS ORDINANCE (RRMO). PRIOR TO ANY DEMOLITION OR CONSTRUCTION ACTIVITY ON THE SITE, THE DEVELOPER SHALL HOLD A PRE-DEMOLITION/PRE-CONSTRUCTION CONFERENCE WITH SOLID WASTE STAFF. THIS MAY BE HELD AT THE SAME PRE-CONSTRUCTION MEETING HELD WITH OTHER DEVELOPMENT/ENFORCEMENT OFFICIALS.
MISCELLANEOUS
105. CONSTRUCTION SIGN REQUIRED: THE DEVELOPER SHALL POST A CONSTRUCTION SIGN AT THE DEVELOPMENT SITE THAT LISTS THE PROPERTY OWNER'S REPRESENTATIVE AND TELEPHONE NUMBER, THE CONTRACTOR'S REPRESENTATIVE AND TELEPHONE NUMBER, AND A TELEPHONE NUMBER FOR REGULATORY INFORMATION AT THE TIME OF ISSUANCE OF A BUILDING PERMIT, PRIOR TO THE COMMENCEMENT OF ANY LAND DISTURBING ACTIVITIES. THE CONSTRUCTION SIGN MAY HAVE A MAXIMUM OF 32 SQUARE FEET OF DISPLAY AREA AND MAXIMUM HEIGHT OF 8 FEET. THE SIGN SHALL BE NON-ILLUMINATED, AND SHALL CONSIST OF LIGHT LETTERS ON A DARK BACKGROUND. PRIOR TO THE ISSUANCE OF A ZONING COMPLIANCE PERMIT, A
107. OPEN BURNING: THE OPEN BURNING OF TREES, LIMBS, STUMPS, AND CONSTRUCTION DEBRIS ASSOCIATED WITH SITE DEVELOPMENT IS PROHIBITED. [TOWN CODE 7-7]
109. CERTIFICATES OF OCCUPANCY: NO CERTIFICATES OF OCCUPANCY SHALL BE ISSUED UNTIL ALL REQUIRED PUBLIC IMPROVEMENTS ARE COMPLETE. A NOTE TO THIS EFFECT SHALL BE PLACED ON THE FINAL PLATS.
110. TRAFFIC SIGNS: THE DEVELOPER SHALL BE RESPONSIBLE FOR PLACEMENT AND MAINTENANCE OF TEMPORARY REGULATORY SIGNS BEFORE ISSUANCE OF ANY CERTIFICATES OF OCCUPANCY.
112. AS-BUILT PLANS: PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, THE DEVELOPER 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, A TALLY OF THE CONSTRUCTED IMPERVIOUS AREA, THE AS-BUILT PLANS SHOULD BE IN DXF BINARY FORMAT USING STATE PLANE COORDINATES AND NAVD 88. [TOWN DESIGN MANUAL CHAPTER 10]



LIST OF SHEETS

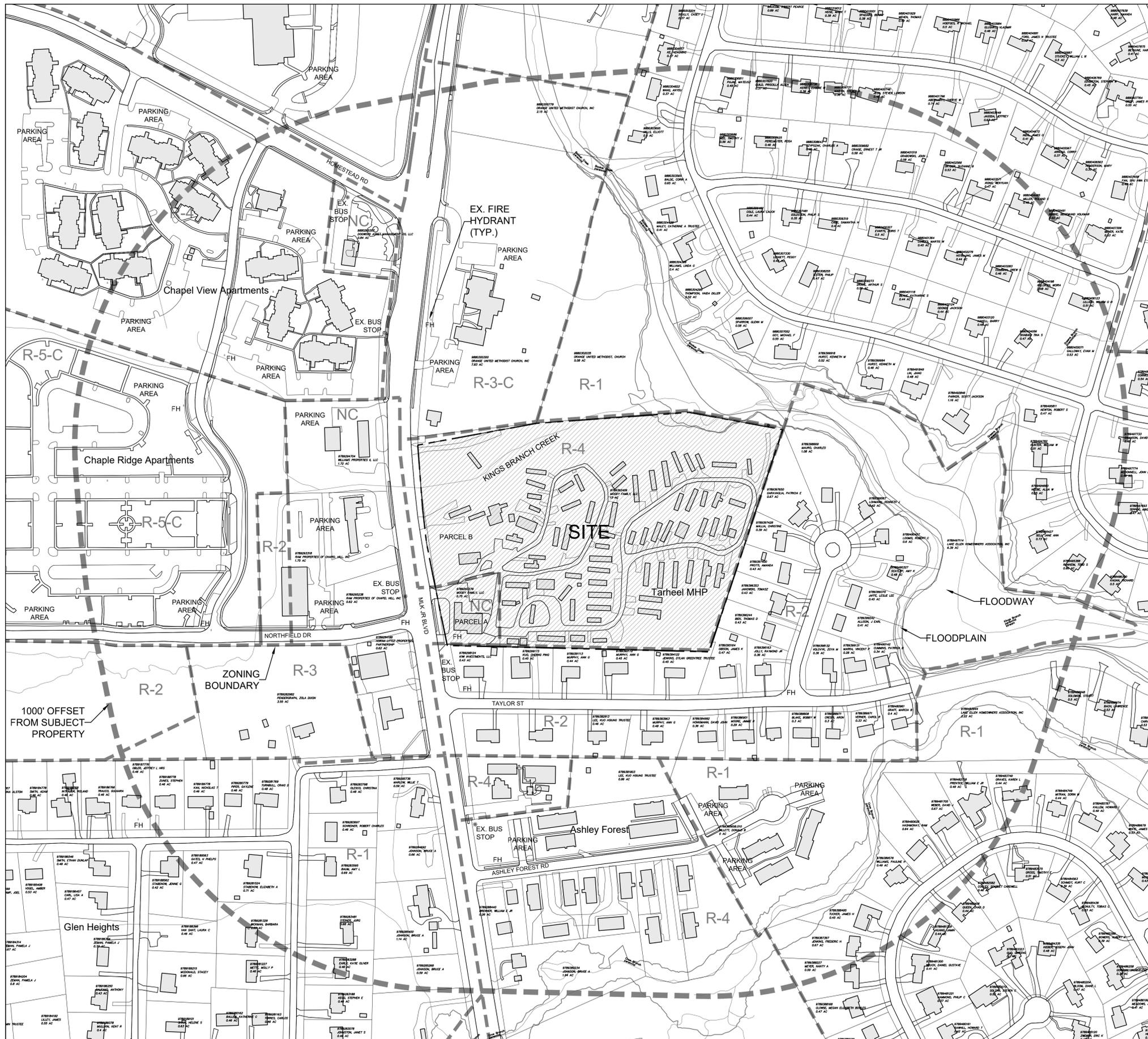
C000	COVER SHEET	C503	UTILITY PLAN-PROFILE
C001	PLAN NOTES	C504	UTILITY PLAN-PROFILE
C100	AREA MAP	RL-6830-51	LIGHTING PLAN
C101	EXISTING CONDITIONS PLAN / OVERALL	RL-6830-51	LIGHTING DETAILS
C102	EXISTING CONDITIONS PLAN / DESIGN PRION	C700	LANDSCAPE PLAN
C103	CONSTRUCTION MANAGEMENT PLAN	C800	SITE DETAILS
C200	SITE PLAN	C801	SITE DETAILS
C201	ROAD LAYOUT & PAVEMENT MARKING PLAN	C802	SITE DETAILS
C202	EXTERIOR ELEVATION MASSING	C803	SITE DETAILS
C203	ACCESS & UTILITY EASEMENTS	C804	SITE DETAILS
C300	GRADING PLAN	C805	UTILITY DETAILS
C400	EROSION CONTROL PLAN	C806	UTILITY DETAILS
C401	EROSION CONTROL DETAILS	C807	STORM PIPING DETAILS
C500	UTILITY PLAN	C808	NCDOT DETAILS
C501	UTILITY PLAN-PROFILE	C900	STORMWATER DETAILS
C502	UTILITY PLAN-PROFILE		

RAMEY KEMP	
PMP-1	PAVEMENT MARKING PLAN
PMP-2	PAVEMENT MARKING PLAN
SIG-10	DRAFT SIGNAL PLANS

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 OBSTRUCT OR CONSTRUCT 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.
 - 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 CONSTRUCT 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 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.





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
 -G6b: GEORGEVILLE SILT LOAM (2-6% SLOPES)
 -G6c: 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
- 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
1" = 140'-0"



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NC BOARD OF LANDSCAPE ARCHITECTS LIC # C-104

Project:
1200 MLK
SHEETZ & CLIMATE CONTROLLED STORAGE

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

PIN:
9789292729
9789392409



PRELIMINARY-DO NOT USE FOR CONSTRUCTION

Job Number: 1858

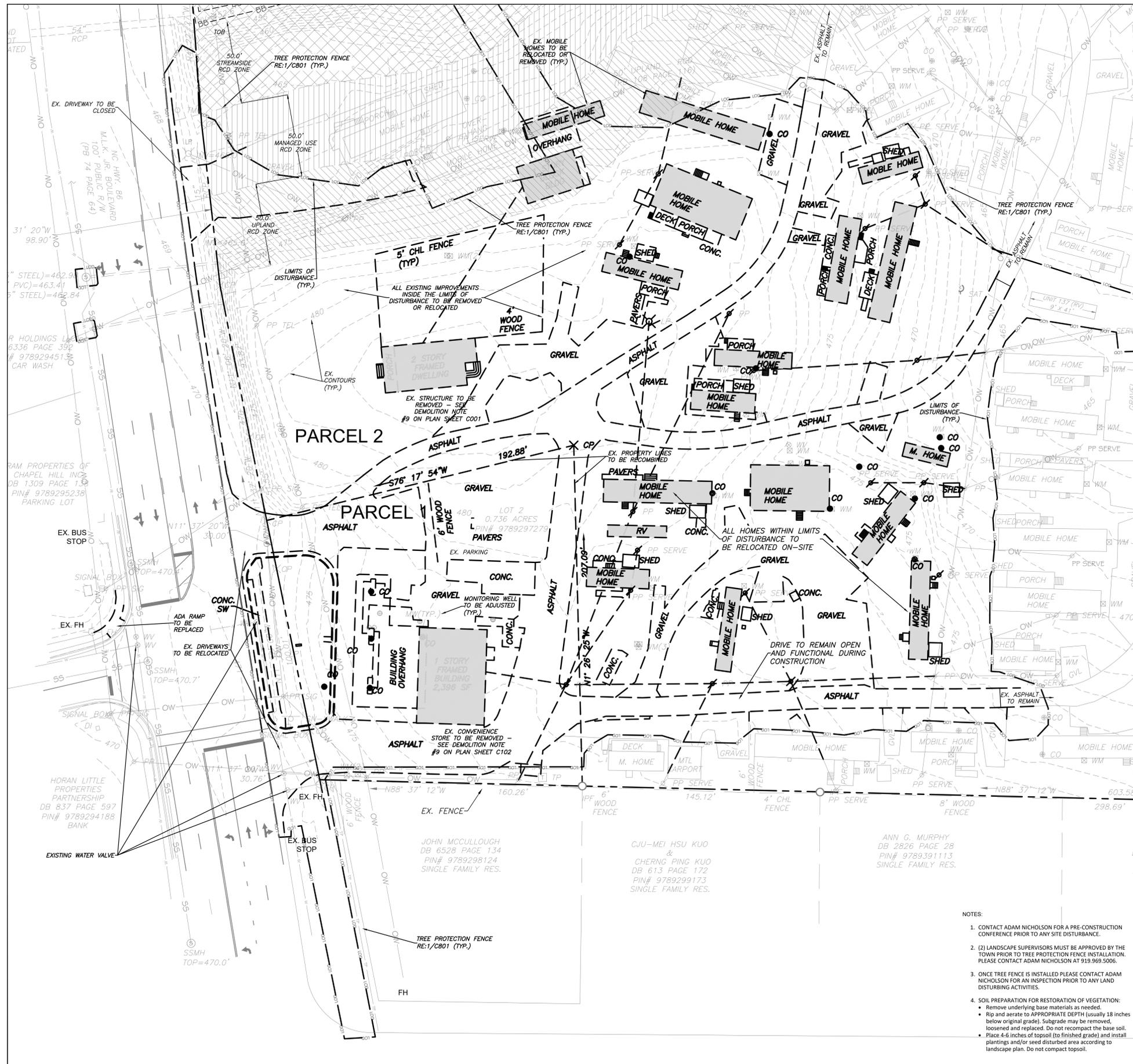
Drawn JSA, TRM, HGR, MTC
Checked JSA, PBR
Date 6-10-2021 ZCP SUB #1
Revisions 11-02-2021 ZCP SUB #2
02-07-2022 ZCP SUB #3
04-22-2022 ZCP SUB #4

Zoning Compliance Permit

Sheet Title:

AREA MAP

Sheet Number
C100



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	⊞
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	⊞

- NOTES:**
- CONTACT ADAM NICHOLSON FOR A PRE-CONSTRUCTION CONFERENCE PRIOR TO ANY SITE DISTURBANCE.
 - (2) LANDSCAPE SUPERVISORS MUST BE APPROVED BY THE TOWN PRIOR TO TREE PROTECTION FENCE INSTALLATION. PLEASE CONTACT ADAM NICHOLSON AT 919.969.5006.
 - ONCE TREE FENCE IS INSTALLED PLEASE CONTACT ADAM NICHOLSON FOR AN INSPECTION PRIOR TO ANY LAND DISTURBING ACTIVITIES.
 - SOIL PREPARATION FOR RESTORATION OF VEGETATION:
 - Remove underlying base materials as needed.
 - Rip and aerate to APPROPRIATE DEPTH (usually 18 inches below original grade). Subgrade may be removed, loosened and replaced. Do not recompact the base soil.
 - Place 4-6 inches of topsoil (to finished grade) and install plantings and/or seed disturbed area according to landscape plan. Do not compact topsoil.

Project:
1200 MLK

SHEETZ & CLIMATE CONTROLLED STORAGE

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

PIN:
9789297279
9789392409



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Job Number: 1858

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Revisions	11-02-2021 ZCP SUB #2
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Zoning Compliance Permit

Sheet Title:
EXISTING CONDITIONS & DEMOLITION

Sheet Number:
C102



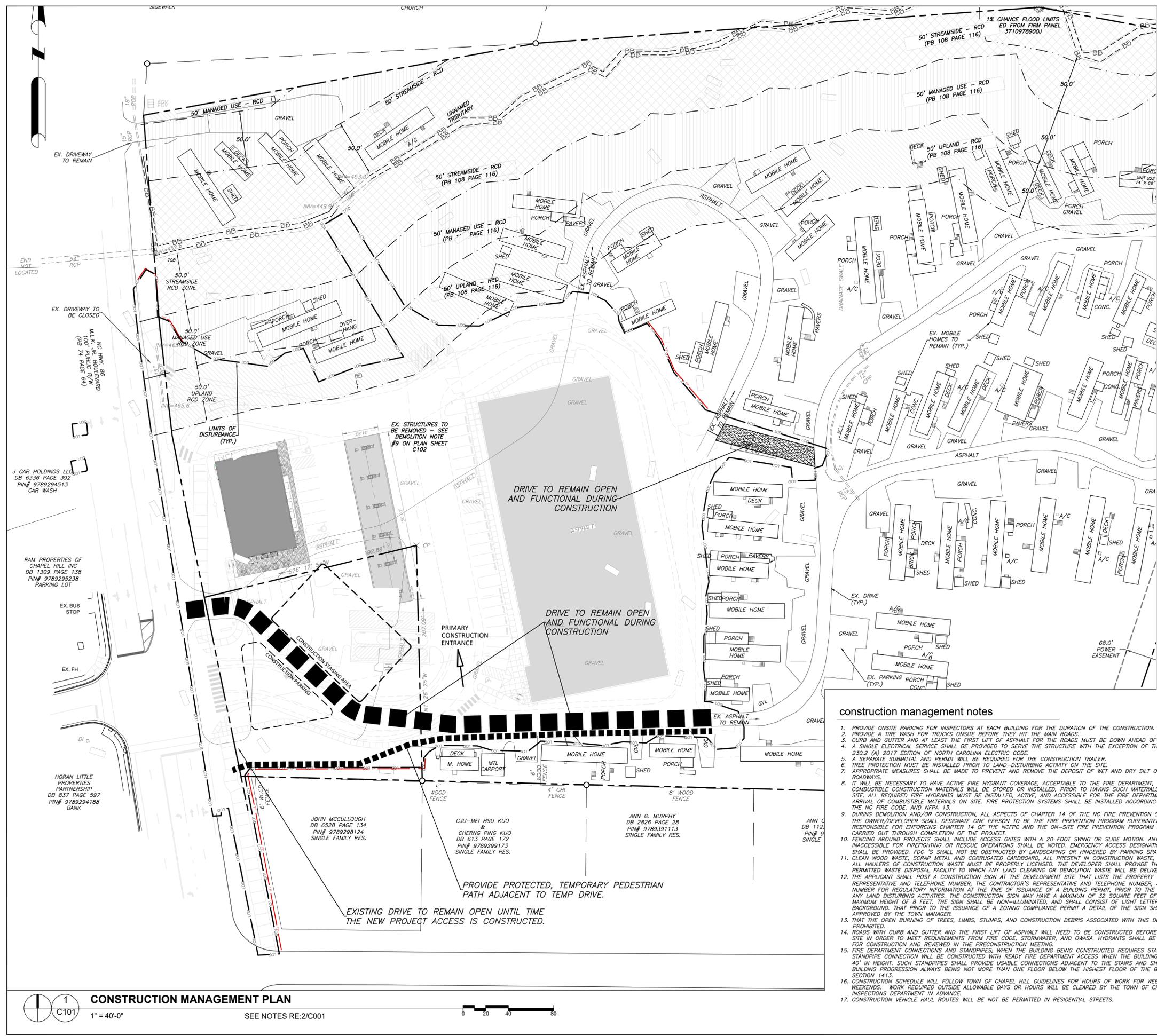
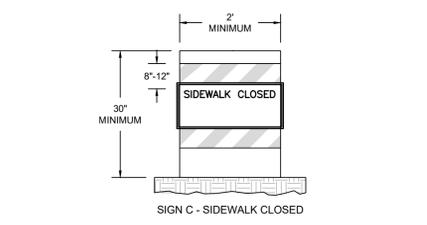
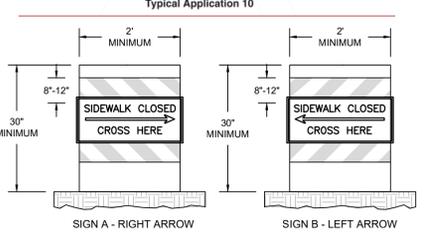
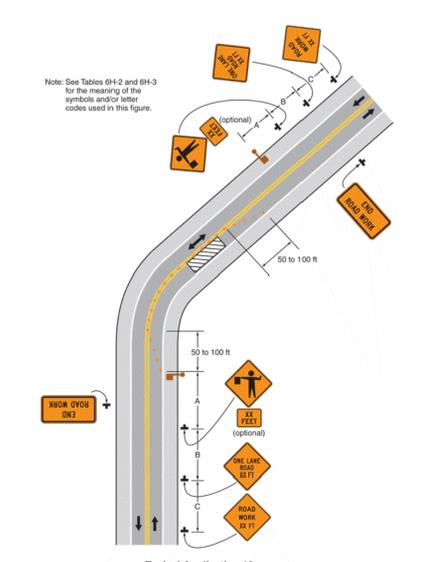


Figure 6H-10. Lane Closure on a Two-Lane Road Using Flaggers (TA-10)



PEDESTRIAN MANAGEMENT LEGEND

---	PEDESTRIAN ROUTING
-X-X-	CONSTRUCTION BARRIER AND FENCE
(A)	SIGN A - RIGHT ARROW
(B)	SIGN B - LEFT ARROW
(C)	SIGN C - SIDEWALK CLOSED

construction management notes

1. PROVIDE ON-SITE PARKING FOR INSPECTORS AT EACH BUILDING FOR THE DURATION OF THE CONSTRUCTION.
2. PROVIDE A TIRE WASH FOR TRUCKS ON-SITE BEFORE THEY HIT THE MAIN ROADS.
3. CURB AND GUTTER AND AT LEAST THE FIRST LIFT OF ASPHALT FOR THE ROADS MUST BE DOWN AHEAD OF CONSTRUCTION.
4. A SINGLE ELECTRICAL SERVICE SHALL BE PROVIDED TO SERVE THE STRUCTURE WITH THE EXCEPTION OF THE FIRE PUMP. ARTICLE 230.2 (A) 2017 EDITION OF NORTH CAROLINA ELECTRIC CODE.
5. A SEPARATE SUBMITTAL AND PERMIT WILL BE REQUIRED FOR THE CONSTRUCTION TRAILER.
6. TREE PROTECTION MUST BE INSTALLED PRIOR TO LAND-DISTURBING ACTIVITY ON THE SITE.
7. APPROPRIATE MEASURES SHALL BE MADE TO PREVENT AND REMOVE THE DEPOSIT OF WET AND DRY SILT ON ADJACENT PAVED ROADWAYS.
8. IT WILL BE NECESSARY TO HAVE ACTIVE FIRE HYDRANT COVERAGE, ACCEPTABLE TO THE FIRE DEPARTMENT, FOR ANY AREAS WHERE COMBUSTIBLE CONSTRUCTION MATERIALS WILL BE STORED OR INSTALLED, PRIOR TO HAVING SUCH MATERIALS DELIVERED TO THE SITE. ALL REQUIRED FIRE HYDRANTS MUST BE INSTALLED, ACTIVE, AND ACCESSIBLE FOR THE FIRE DEPARTMENT USE PRIOR TO THE ARRIVAL OF COMBUSTIBLE MATERIALS ON SITE. FIRE PROTECTION SYSTEMS SHALL BE INSTALLED ACCORDING TO TOWN ORDINANCE, THE NC FIRE CODE, AND NFPA 13.
9. DURING DEMOLITION AND/OR CONSTRUCTION, ALL ASPECTS OF CHAPTER 14 OF THE NC FIRE PREVENTION SHALL BE FOLLOWED. THE OWNER/DEVELOPER SHALL DESIGNATE ONE PERSON TO BE THE FIRE PREVENTION PROGRAM SUPERINTENDENT WHO SHALL BE RESPONSIBLE FOR ENFORCING CHAPTER 14 OF THE NCFC AND THE ON-SITE FIRE PREVENTION PROGRAM AND ENSURE THAT IT IS CARRIED OUT THROUGH COMPLETION OF THE PROJECT.
10. 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. FDC 'S SHALL NOT BE OBSTRUCTED BY LANDSCAPING OR HINDERED BY PARKING SPACES.
11. CLEAN WOOD WASTE, SCRAP METAL AND CORRUGATED CARDBOARD, ALL PRESENT IN CONSTRUCTION WASTE, MUST BE RECYCLED. ALL HAULERS OF CONSTRUCTION WASTE MUST BE PROPERLY LICENSED. THE DEVELOPER SHALL PROVIDE THE NAME OF THE PERMITTED WASTE DISPOSAL FACILITY TO WHICH ANY LAND CLEARING OR DEMOLITION WASTE WILL BE DELIVERED.
12. THE APPLICANT SHALL POST A CONSTRUCTION SIGN AT THE DEVELOPMENT SITE THAT LISTS THE PROPERTY OWNER'S REPRESENTATIVE AND TELEPHONE NUMBER, THE CONTRACTOR'S REPRESENTATIVE AND TELEPHONE NUMBER, AND A TELEPHONE NUMBER FOR REGULATORY INFORMATION AT THE TIME OF ISSUANCE OF A BUILDING PERMIT, PRIOR TO THE COMMENCEMENT OF ANY LAND DISTURBING ACTIVITIES. THE CONSTRUCTION SIGN MAY HAVE A MAXIMUM OF 32 SQUARE FEET OF DISPLAY AREA AND MAXIMUM HEIGHT OF 8 FEET. THE SIGN SHALL BE NON-ILLUMINATED, AND SHALL CONSIST OF LIGHT LETTERS ON A DARK BACKGROUND, THAT PRIOR TO THE ISSUANCE OF A ZONING COMPLIANCE PERMIT A DETAIL OF THE SIGN SHALL BE REVIEWED AND APPROVED BY THE TOWN MANAGER.
13. THAT THE OPEN BURNING OF TREES, LIMBS, STUMPS, AND CONSTRUCTION DEBRIS ASSOCIATED WITH THIS DEVELOPMENT IS PROHIBITED.
14. ROADS WITH CURB AND GUTTER AND THE FIRST LIFT OF ASPHALT WILL NEED TO BE CONSTRUCTED BEFORE COMBUSTIBLES ARE ON SITE IN ORDER TO MEET REQUIREMENTS FROM FIRE CODE, STORMWATER, AND OWASA. HYDRANTS SHALL BE ACTIVE IN THE AREAS FOR CONSTRUCTION AND REVIEWED IN THE PRECONSTRUCTION MEETINGS.
15. FIRE DEPARTMENT CONNECTIONS AND STANDPIPES; WHEN THE BUILDING BEING CONSTRUCTED REQUIRES STANDPIPES, A TEMPORARY STANDPIPE CONNECTION WILL BE CONSTRUCTED WITH READY FIRE DEPARTMENT ACCESS WHEN THE BUILDING IS NOT MORE THAN 40' IN HEIGHT. SUCH STANDPIPES SHALL PROVIDE USABLE CONNECTIONS ADJACENT TO THE STAIRS AND SHALL CONTINUE WITH BUILDING PROGRESSION ALWAYS BEING NOT MORE THAN ONE FLOOR BELOW THE HIGHEST FLOOR OF THE BUILDING. NC FPC 2012 SECTION 1413.
16. CONSTRUCTION SCHEDULE WILL FOLLOW TOWN OF CHAPEL HILL GUIDELINES FOR HOURS OF WORK FOR WEEK DAYS AND WEEKENDS. WORK REQUIRED OUTSIDE ALLOWABLE DAYS OR HOURS WILL BE CLEARED BY THE TOWN OF CHAPEL HILL INSPECTIONS DEPARTMENT IN ADVANCE.
17. CONSTRUCTION VEHICLE HAUL ROUTES WILL NOT BE PERMITTED IN RESIDENTIAL STREETS.

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	⊰
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	---UE---
Underground Telephone	---UT---
Gas Line	---GAS---
Water Line	---W---
Overhead Utilities	---OU---
Storm Sewer	---SS---
Sanitary Sewer	---SS---
Guard Rail	---GR---



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NC BOARD OF LANDSCAPE ARCHITECTS LIC # C-104

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1200 & 1204
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PRELIMINARY-DO NOT USE FOR CONSTRUCTION

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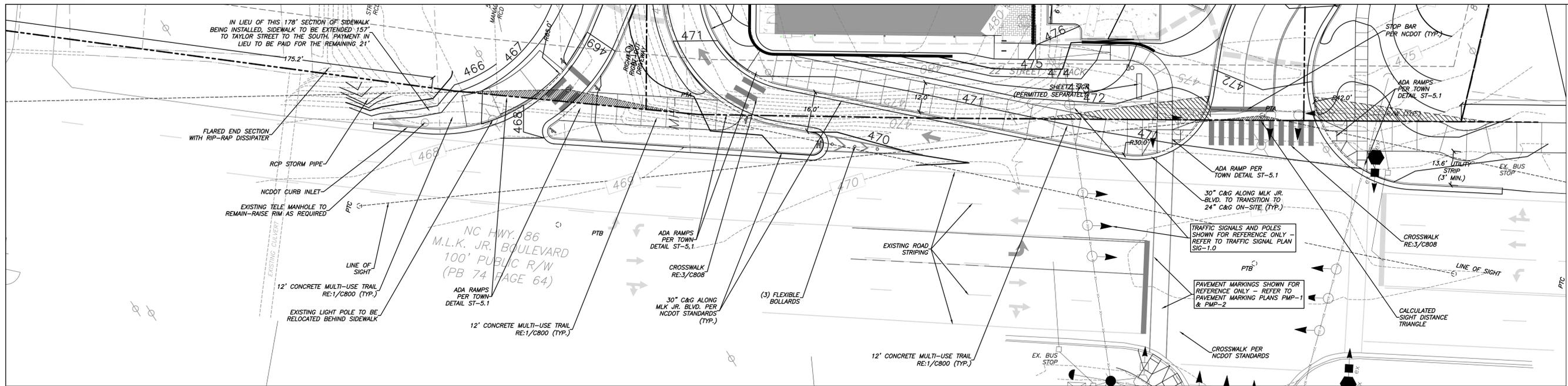
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Sheet Title:

CONSTRUCTION MANAGEMENT PLAN

Sheet Number
C103





1 ROAD LAYOUT PLAN

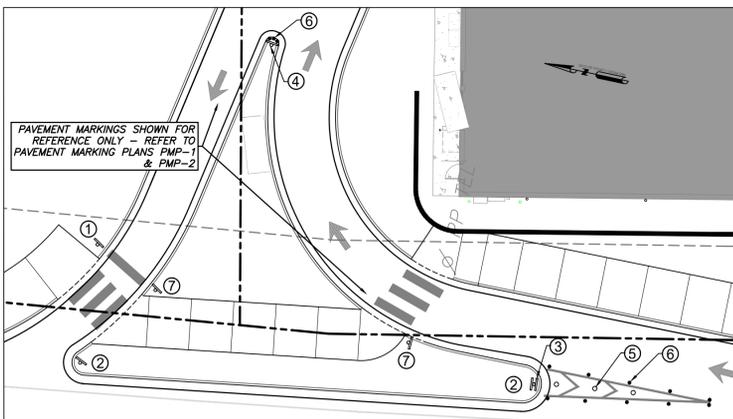
1" = 20'-0"

SEE NOTES RE: 3/C001



NOTES:

- CONTRACTOR TO DETERMINE IF EXISTING PAVEMENT MARKINGS NEED TO BE GROUND OR MILLED & OVERLAID IN ORDER TO PROVIDE A CLEAN SURFACE FOR NEW PAVEMENT MARKINGS. GRIND OR MILL & OVERLAY AND REPLACE EXISTING PAVEMENT MARKINGS AS NEEDED.
- ALL STRIPING, SIGNAGE, AND SIGNALS TO BE INSTALLED PER NCDOT SPECIFICATIONS. SEE PAVEMENT MARKING PLANS PMP-1 & PMP-2 AND TRAFFIC SIGNAL PLAN SIG-1.0.

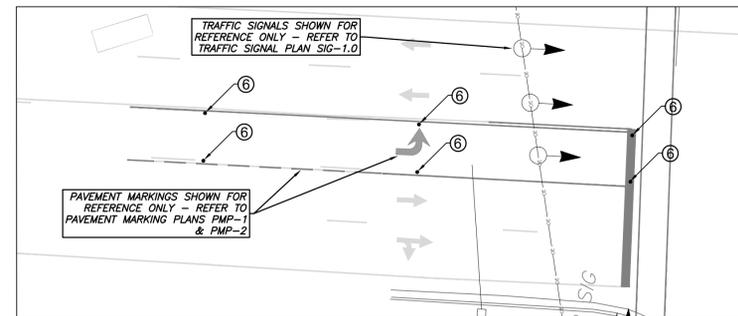
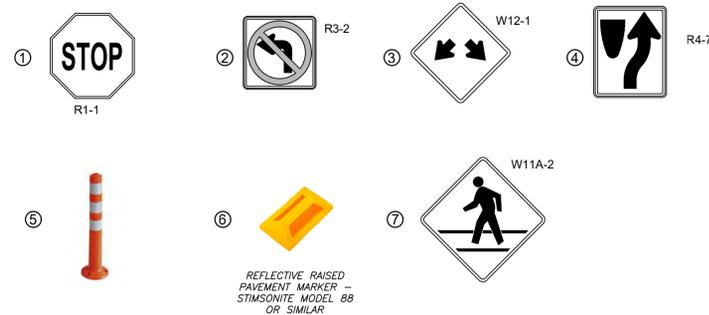


4 SIGNAGE WITHIN PORKCHOP ISLAND

1" = 20'-0"



SIGNAGE KEY



5 SIGNAGE WITHIN TURN LANE

1" = 20'-0"



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PRELIMINARY-DO NOT USE FOR CONSTRUCTION

Job Number: 1858

Drawn	JSA, TRM, HGR, MTC
Checked	JSA, PBR
Date	6-10-2021 ZCP SUB #1
Revisions	11-02-2021 ZCP SUB #2
	02-07-2022 ZCP SUB #3
	04-22-2022 ZCP SUB #4

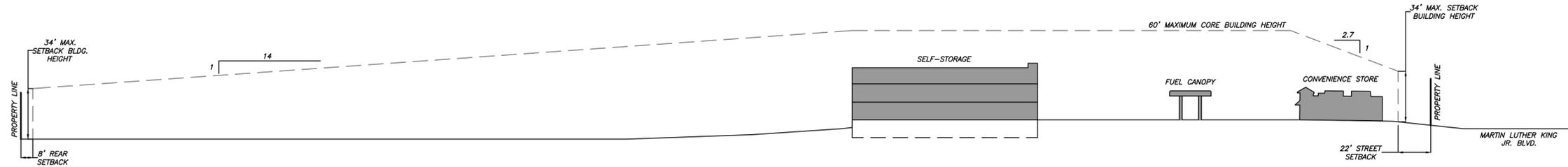
Zoning Compliance Permit

Sheet Title:

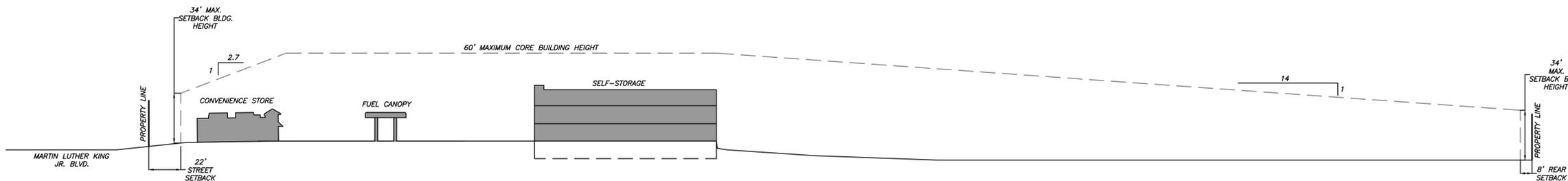
ROAD LAYOUT & GRADING PLANS

Sheet Number:

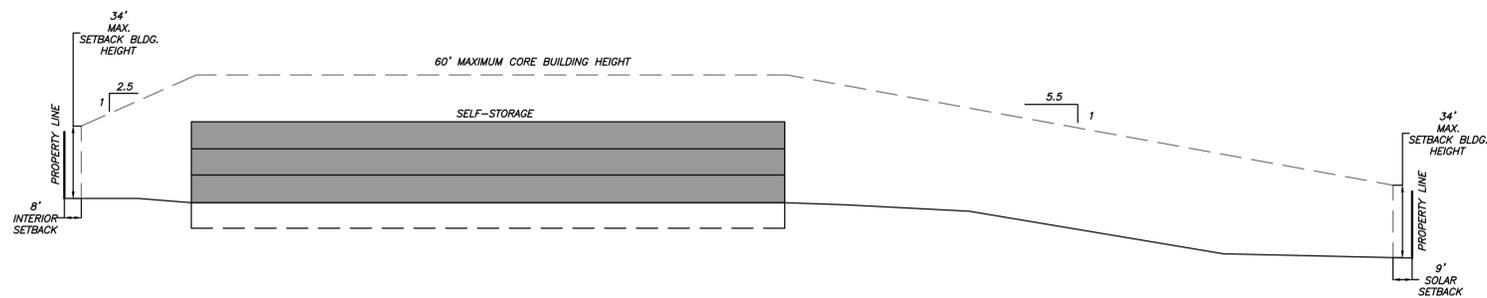
C201



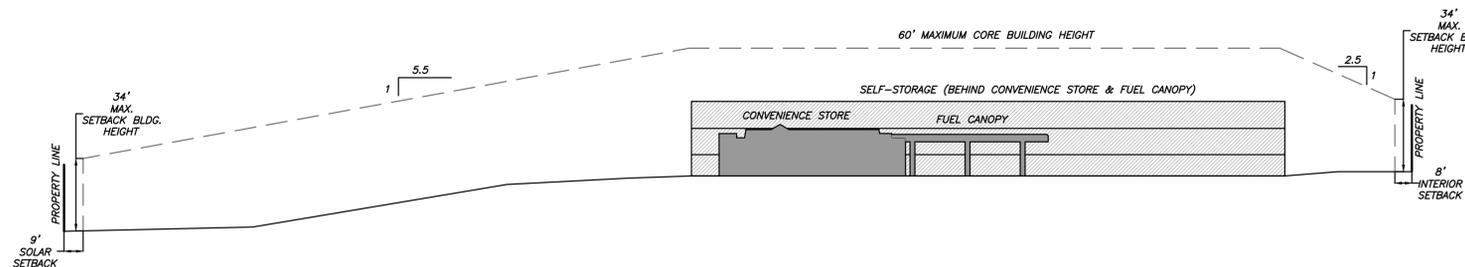
1 NORTH ELEVATION
C202 1" = 40'-0"



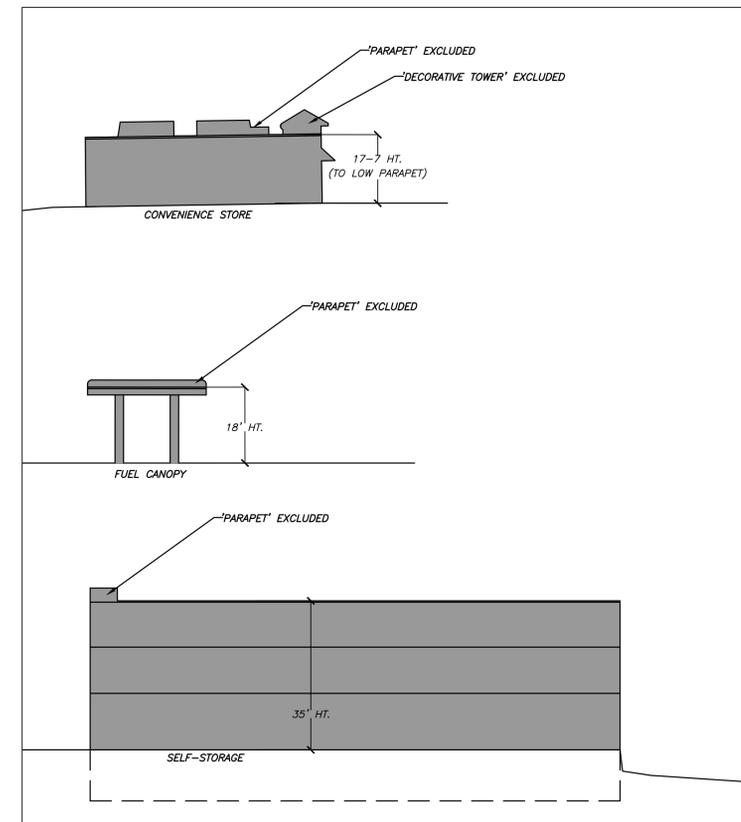
2 SOUTH ELEVATION
C202 1" = 40'-0"



3 EAST ELEVATION
C202 1" = 40'-0"



4 WEST ELEVATION
C202 1" = 40'-0"



5 HEIGHT DIAGRAM
C202 1" = 20'-0"



CJT PA.

111 West Main Street
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p 919.682.0368
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NC BOARD OF EXAMINERS FOR ENGINEERS AND SURVEYORS LIC # C-1209
NC BOARD OF LANDSCAPE ARCHITECTS LIC # C-104

Project:

1200 MLK

SHEETZ &
CLIMATE
CONTROLLED
STORAGE

1200 & 1204
Martin Luther King Jr.
Boulevard

Orange County,
North Carolina

PIN:
9789297279
9789392409



PRELIMINARY-DO NOT
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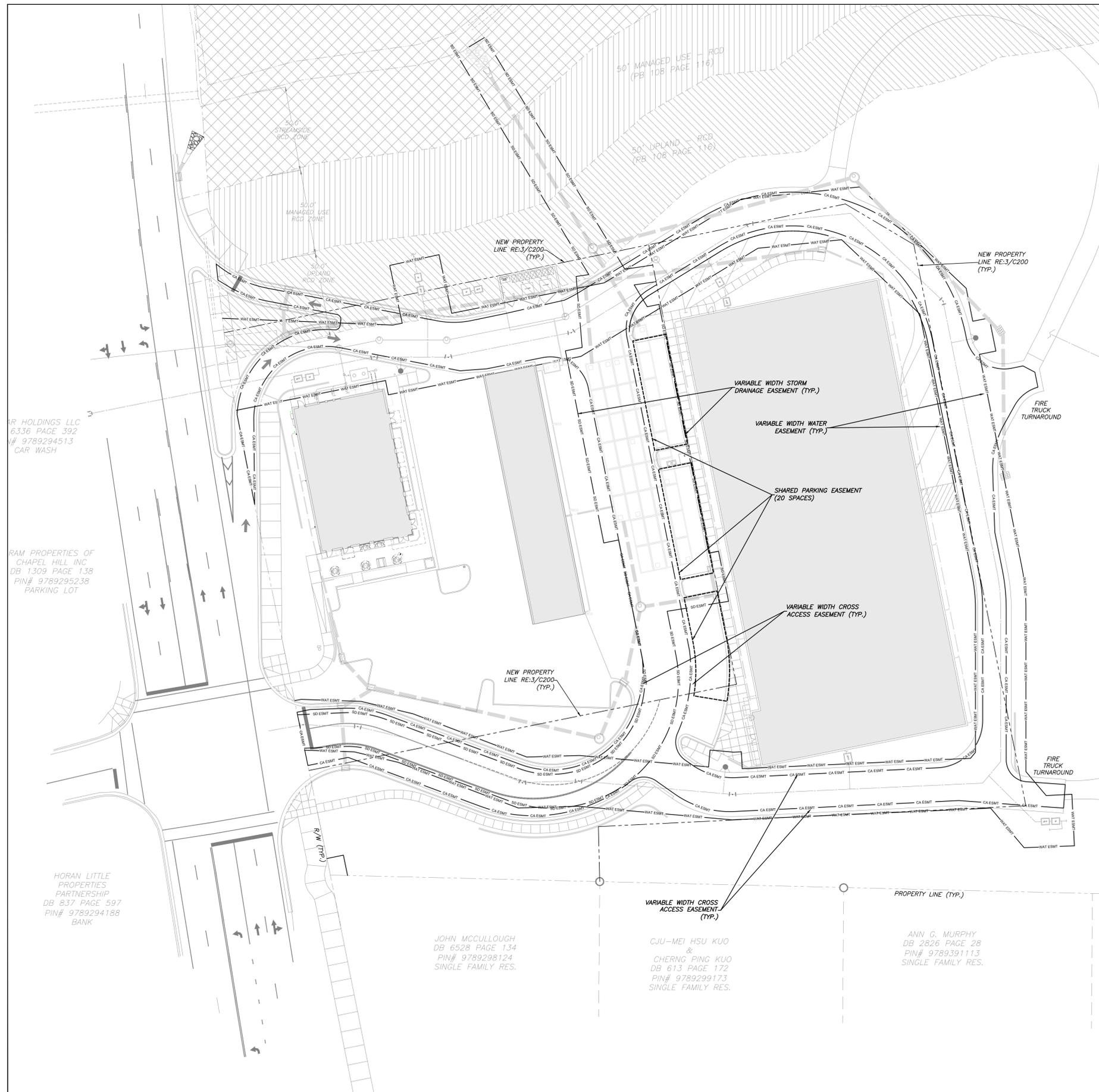
Zoning Compliance Permit

Sheet Title:

EXTERIOR
ELEVATION
MASSING

Sheet Number

C202



RAM HOLDINGS LLC
 6336 PAGE 392
 # 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

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

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

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



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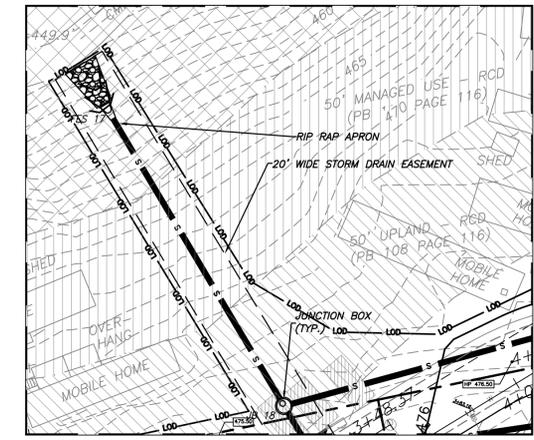
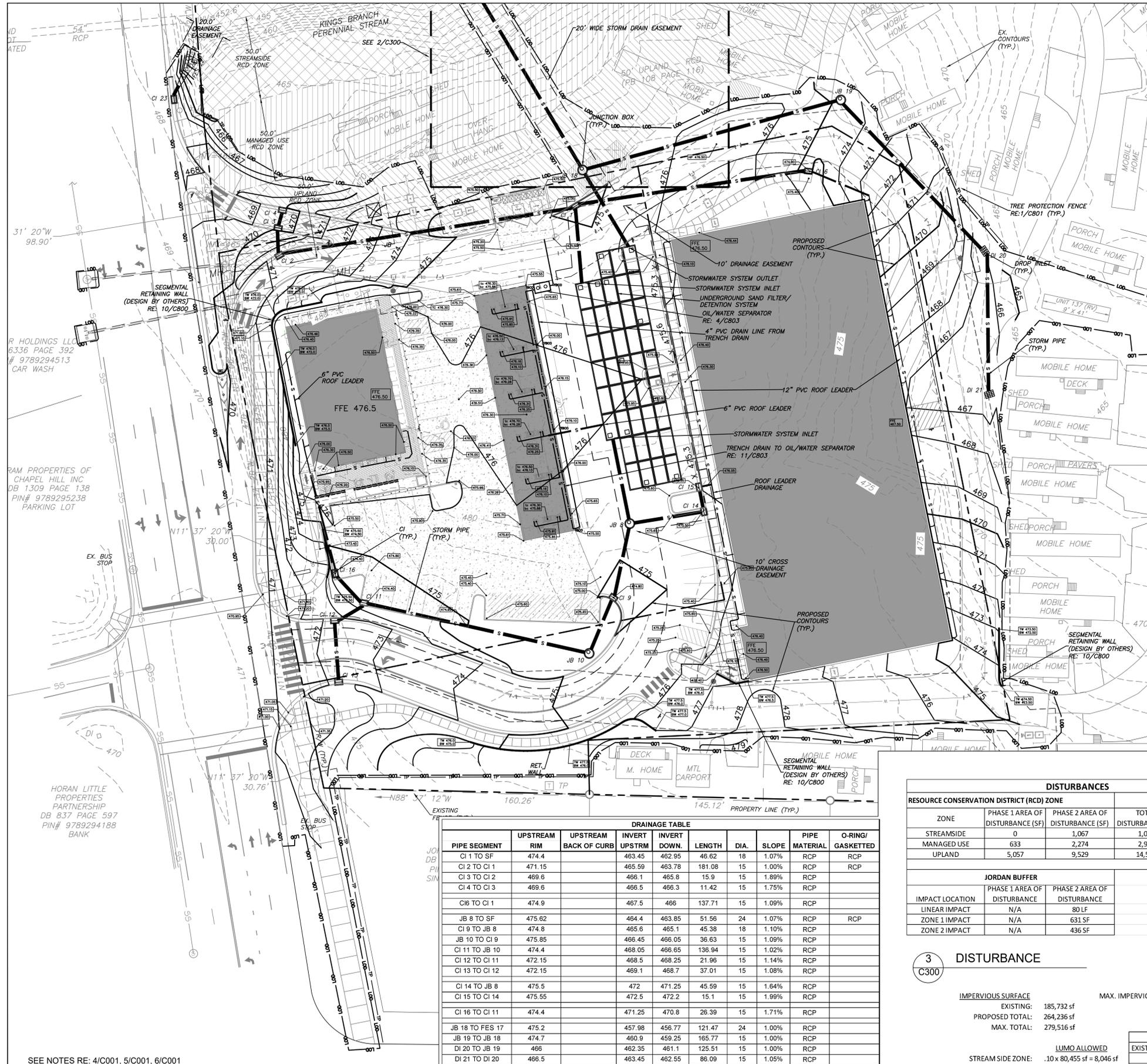
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**SHEETZ &
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Zoning Compliance Permit
 Sheet Title:
**ACCESS &
 UTILITY
 EASEMENTS**
 Sheet Number
C203



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 STANDARDS AND SPECIFICATIONS.
3. CONTRACTOR SHALL NOTIFY "NORTH CAROLINA ONE CALL" (1-800-432-4949) 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. ALL PAVEMENT SHALL BE GRADED SUCH THAT NO RUNOFF IS DIRECTED TOWARD THE GAS STATION CANOPY. ALL SURROUNDING AREA MUST DRAIN AWAY FROM IT.

STORM DRAINAGE 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 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.

DISTURBANCES				
RESOURCE CONSERVATION DISTRICT (RCD) ZONE	PHASE 1 AREA OF DISTURBANCE (SF)	PHASE 2 AREA OF DISTURBANCE (SF)	TOTAL DISTURBANCE (SF)	MAX. ALLOWED DISTURBANCE (SF)
STREAMSIDE	0	1,067	1,067	2,500
MANAGED USE	633	2,274	2,907	4,000
UPLAND	5,057	9,529	14,586	9,500

JORDAN BUFFER			
IMPACT LOCATION	PHASE 1 AREA OF DISTURBANCE	PHASE 2 AREA OF DISTURBANCE	MAX. DISTURBANCE ALLOWED OVERALL
LINEAR IMPACT	N/A	80 LF	247,779 SF
ZONE 1 IMPACT	N/A	631 SF	
ZONE 2 IMPACT	N/A	436 SF	

3 C300 DISTURBANCE

IMPERVIOUS SURFACE
 EXISTING: 185,732 sf
 PROPOSED TOTAL: 264,236 sf
 MAX. TOTAL: 279,516 sf

MAX. IMPERVIOUS ALLOWED BY PARCEL: PARCEL 1 - 56,904 SF
 PARCEL 2 - 58,110 SF
 PARCEL 3 - 164,493 SF

LUMO ALLOWED	PHASE 1 - MOBILE HOME			PHASE 2 - GAS & STORAGE		
	EXISTING (TO REMAIN)	DEMO	PROPOSED	DEMO	PROPOSED	TOTAL
STREAM SIDE ZONE:	.10 x 80,455 sf = 8,046 sf	2,995 sf	0	0	2,995 sf (no change)	0
MANAGED USE ZONE:	.20 x 66,897 sf = 13,379 sf	12,437 sf	0	0	12,437 sf (no change)	-707 sf
UPLAND ZONE:	.20 x 56,979 sf = 11,396 sf	17,558 sf	0	0	17,558 sf (no change)	-2,027 sf +2,047 sf

4 C300 IMPERVIOUS SURFACE

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
- 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
- O/LP
- O/CO
- GV
- O/PS
- PK
- PKS
- UT
- UE
- UT
- W
- W
- GU
- GU
- SS
- SS

1 C300 GRADING & STORM DRAINAGE PLAN



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 LIC # C-1209
 NC BOARD OF LANDSCAPE ARCHITECTS LIC # C-104

Project:
1200 MLK
SHEETZ & CLIMATE CONTROLLED STORAGE

1200 & 1204
 Martin Luther King Jr. Boulevard
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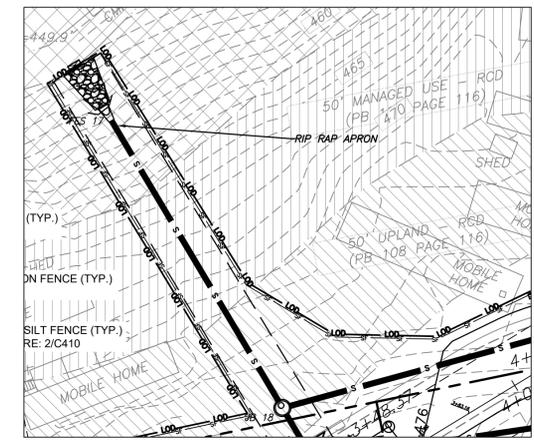
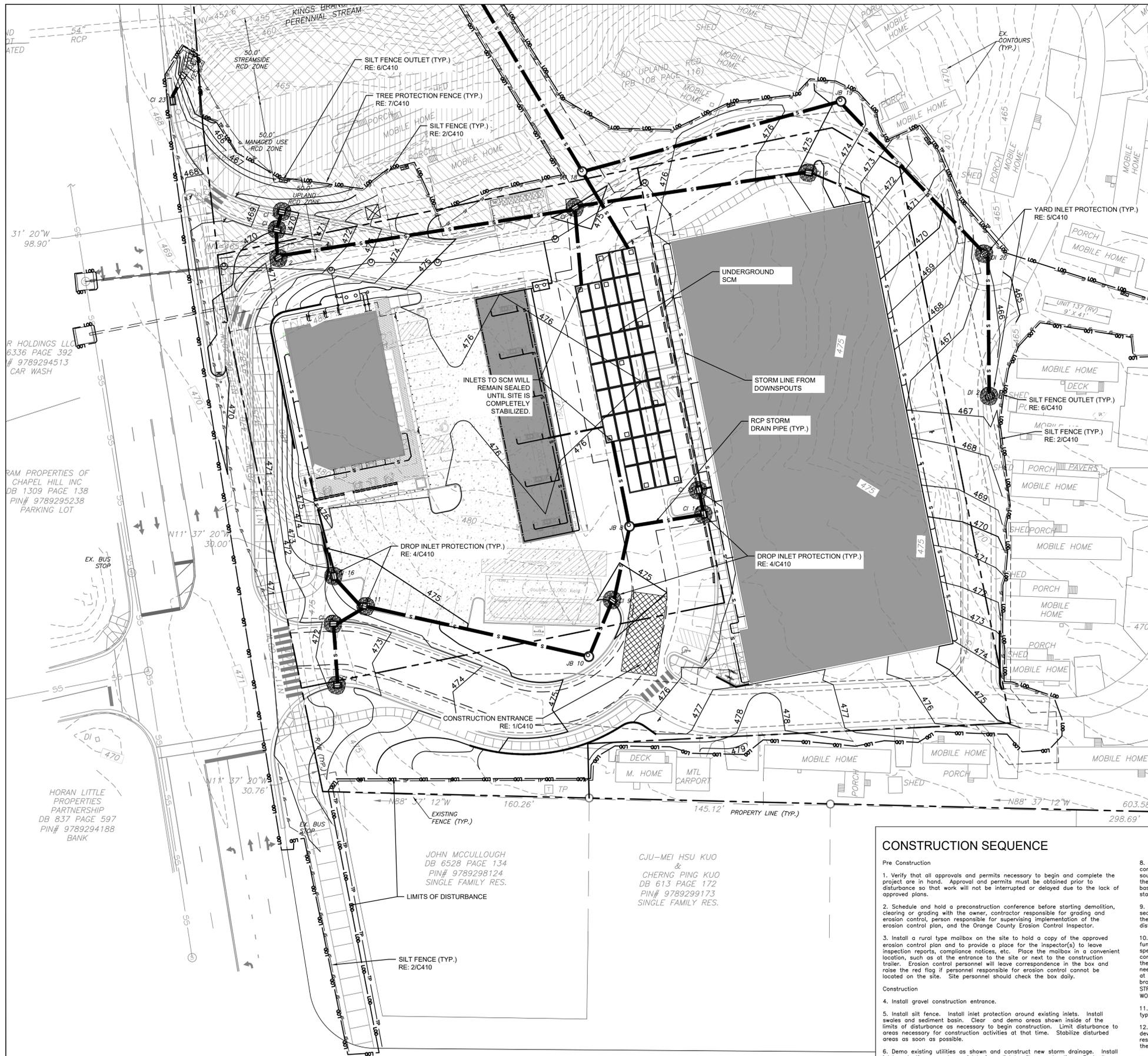
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Zoning Compliance Permit

Sheet Title:

GRADING & STORM DRAINAGE PLAN

Sheet Number
C300



R HOLDINGS LLC
6336 PAGE 392
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

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

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

CONSTRUCTION SEQUENCE

- Pre Construction
1. Verify that all approvals and permits necessary to begin and complete the project are in hand. Approval and permits must be obtained prior to disturbance so that work will not be interrupted or delayed due to the lack of approved plans.
 2. Schedule and hold a preconstruction conference before starting demolition, clearing or grading with the owner, contractor responsible for grading and erosion control, person responsible for supervising implementation of the erosion control plan, and the Orange County Erosion Control Inspector.
 3. Install a rural type mailbox on the site to hold a copy of the approved erosion control plan and to provide a place for the inspector(s) to leave inspection reports, compliance notices, etc. Place the mailbox in a convenient location, such as at the entrance to the site or next to the construction trailer. Erosion control personnel will leave correspondence in the box and raise the red flag if personnel responsible for erosion control cannot be located on the site. Site personnel should check the box daily.
- Construction
4. Install gravel construction entrance.
 5. Install silt fence. Install inlet protection around existing inlets. Install swales and sediment basin. Clear and demo areas shown inside of the limits of disturbance as necessary to begin construction. Limit disturbance to areas necessary for construction activities at that time. Stabilize disturbed areas as soon as possible.
 6. Demo existing utilities as shown and construct new storm drainage. Install inlet protection around new inlets immediately after construction. Seal all junction boxes from stormwater intake from surface. Seal any inlets to stormwater structures not protected by inlet projection.
 7. Minimize the amount of area disturbed at any one time.
 8. During construction, some temporary measures will be removed to allow construction of permanent facilities. Ditch 1 shall remain until the adjacent, southern parking lot with curb & gutter is installed. Ditch 2 shall remain until the adjacent, northern parking lot with curb & gutter is installed. The sediment basin shall remain until the building is framed and 75% of the parking is stabilized.
 9. If it is determined during the course of construction that significant sediment is leaving the site despite proper implementation and maintenance of the approved erosion control plan, the person responsible for the land disturbing activity is obligated to take additional protective action.
 10. Inspect and maintain the erosion control devices so they continue to function properly. Refer to the instructions in the erosion control plan for specific instructions for each device. The person responsible for erosion control is also responsible for taking the initiative in inspecting and maintaining these devices. Do not wait for erosion control personnel to point out the need for repairs and maintenance. Keep mud and debris off the public street at all times. If mud or debris is tracked from the site, use a shovel and broom to remove it immediately. IF MUD AND DEBRIS ARE NOT KEPT OFF THE STREET, ENFORCEMENT ACTION (REVOKING THE GRADING PERMIT AND/OR A STOP WORK ORDER) MAY BE TAKEN!!
 11. Permanently stabilize all disturbed areas. Refer to seeding schedule for types of stabilization to be used.
 12. When construction is completed, remove all temporary erosion control devices after the drainage area above has been sufficiently been stabilized to restrain erosion. Remove and properly dispose of accumulated sediment and the debris from the devices, and stabilize the location.
 13. SCM is not to receive runoff from the site until all erosion and sediment phases are completed. All inlets to SCM shall remain sealed until site is completely stabilized.
- Arrange a final inspection with the erosion control inspector to confirm that all requirements of the approved erosion control plan have been completed.

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
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- Sewer Cleanout
- Flared End Section
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- 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
- Inlet Protection
- Diversion Ditch
- Construction Entrance
- Silt Fence
- Tree Protection Fence



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NC BOARD OF LANDSCAPE
ARCHITECTS LIC # C-184

Project:
1200 MLK

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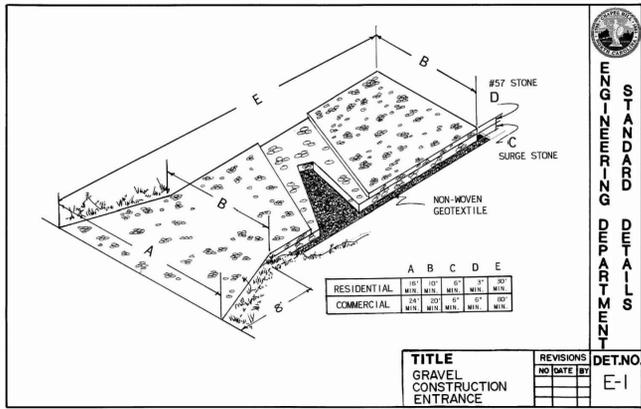
Zoning Compliance Permit

Sheet Title:
**EROSION
CONTROL
PLAN**

Sheet Number
C400

1
C400
EROSION CONTROL PLAN
1" = 30'-0"

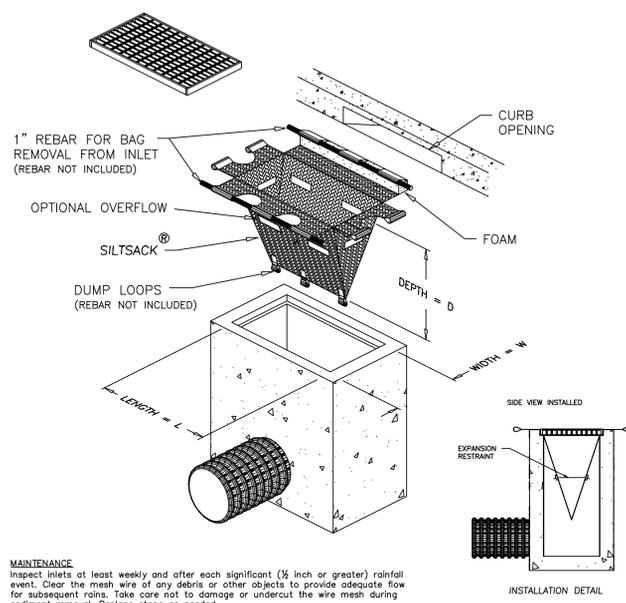




STANDARD ENGINEERING DEPARTMENT

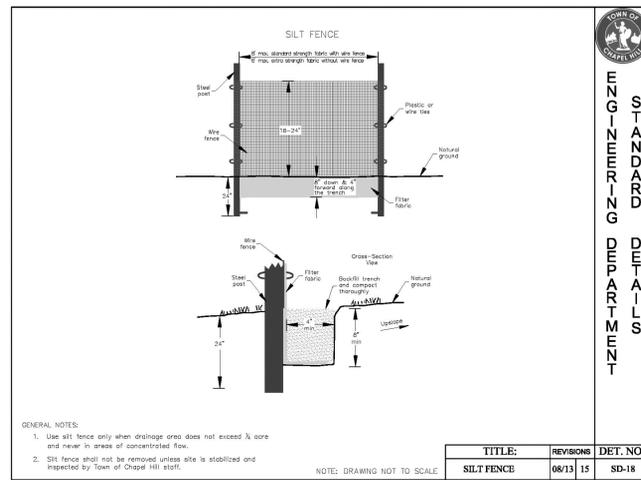
TITLE	REVISIONS	DET. NO.
GRAVEL CONSTRUCTION ENTRANCE	NO DATE BY	E-1

1 C401 GRAVEL CONSTRUCTION ENTRANCE
not to scale



MAINTENANCE
Inspect inlets at least weekly and after each significant (1/2 inch or greater) rainfall event. Clear the mesh wire of any debris or other objects to provide adequate flow for subsequent rains. Take care not to damage or undercut the wire mesh during sediment removal. Replace stone as needed.

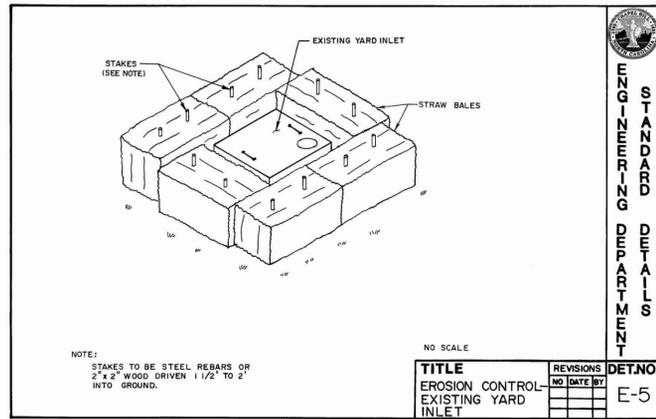
4 C401 DROP INLET PROTECTION
not to scale



GENERAL NOTES:
1. Use silt fence only when drainage area does not exceed 1/2 acre and never in areas of concentrated flow.
2. Silt fence shall not be removed unless site is stabilized and inspected by Town of Chapel Hill staff.

TITLE	REVISIONS	DET. NO.
SILT FENCE	08/13 15	SD-18

2 C401 SILT FENCE
not to scale



NOTE:
STAKES TO BE STEEL REBARS OR 2" x 2" WOOD DRIVEN 1/2' TO 2' INTO GROUND.

TITLE	REVISIONS	DET. NO.
EROSION CONTROL EXISTING YARD INLET	08/13 15	E-5

5 C401 YARD INLET PROTECTION
not to scale

FALL/WINTER/SPRING TEMPORARY COVER	AUGUST 15 - MAY 1
Lime	100 lbs/1000 sf
10-10-10 Fertilizer	25 lbs/1000 sf
Oat Seed	2 lbs/1000 sf
Rye Grain Seed	1 lb/1000 sf
Straw Mulch *	100 lbs/1000 sf
SUMMER TEMPORARY COVER	MAY 1 - AUGUST 15
Lime	100 lbs/1000 sf
10-10-10 Fertilizer	15 lbs/1000 sf
Browntop Millet Seed	1 lb/1000 sf
Straw Mulch *	100 lbs/1000 sf
SPRING/FALL PERMANENT COVER	MARCH 1 - APRIL 30
Lime	100 lbs/1000 sf
10-10-10 Fertilizer	25 lbs/1000 sf
Improved Turf Type Fine Fescue Seed	5 lbs/1000 sf
Straw Mulch	100 lbs/1000 sf
SUMMER PERMANENT COVER	APRIL 1 - AUGUST 15

GRASS:
BERMUDAGRASS
BERMUDAGRASS (HYBRID)
CENTIPEGGRASS
ST. AUGUSTINEGRASS
TALL FESCUE
ZYDSIAGRASS

1. OPTIMUM DATE OF PLANTING SEEDING BEYOND THESE DATES INCREASES THE CHANCE OF FAILURE.
2. POUNDS PER 1000 SQ. FT.
3. BUSHELS PER 1000 SQ. FT.

Seedbed Preparation: Remove rocks, stumps, roots, etc. Apply lime and fertilizer then rip the soil 4 to 6 inches to mix the nutrients into the soil and cover. Contractor shall install temporary cover suitable for that season and resseed with permanent grass at earliest possible date.

* Anchor straw mulch by applying an asphalt binder emulsion at a rate of 10 gallons per 1000 SF, or install jute, paper or twine netting or excelsior mats staked to ground according to the manufacturer's instructions.

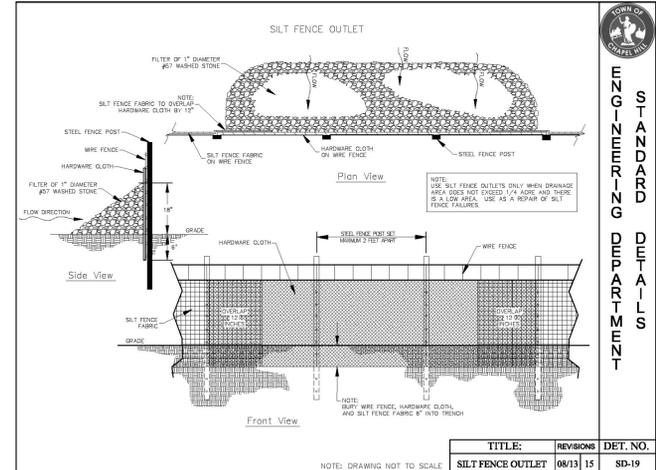
STABILIZATION TIME TABLE
1. All permanent dikes, swales, ditches, perimeter slopes, and all slopes steeper than 3:1 shall be provided with temporary or permanent stabilization with groundcover as soon as practicable but within 7 calendar days from last land-disturbing activity.
2. All other disturbed areas shall be provided with temporary or permanent stabilization with groundcover as soon as practicable but in any event within 14 calendar days from last land-disturbing activity.

*EXPOSED AREAS INCLUDE, BUT ARE NOT LIMITED TO:
• AREAS CLEARED FOR ROADWAY CONSTRUCTION.
• AREAS CLEARED ON RESIDENTIAL BUILDING LOTS.
• DRAINAGE EASEMENTS AND OPEN DRAINAGE CHANNELS.
• SEDIMENT AND EROSION CONTROL MEASURES (SEDIMENT TRAPS, DIVERSION DITCHES, ETC.) AND THE AREAS ADJACENT TO SUCH MEASURES.

3 C401 SEEDING SCHEDULE
not to scale

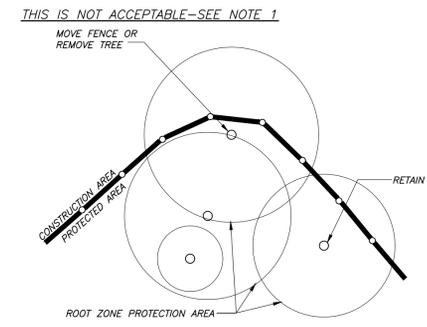
Site Area Description	Stabilization Time Frame	Stabilization Time Frame Exceptions
Perimeter dikes, swales, ditches, and slopes	7 days	None
High Quality Water (HQW) Zones	7 days	None
Slopes steeper than 3:1	7 days	None
Slopes 3:1 or flatter	7 days	None
All other areas with slopes flatter than 4:1	7 days	None

*Extensions of time may be approved by the permitting authority based on weather or other site-specific conditions that make compliance impracticable (Section 11.B(2)(b))



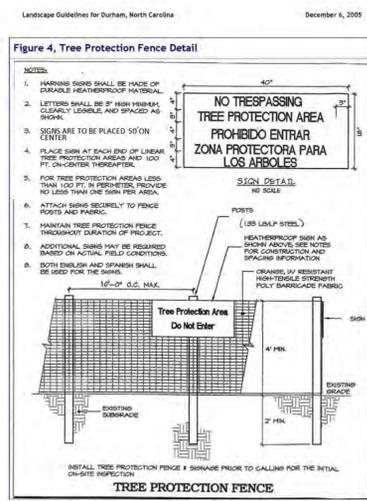
TITLE	REVISIONS	DET. NO.
SILT FENCE OUTLET	08/13 15	SD-19

6 C401 SILT FENCE OUTLET
not to scale



NOTES:
1. PROTECTION OF EXISTING VEGETATION: At the start of grading involving the lowering of existing grade around a tree or stripping of topsoil, a clean, sharp, vertical cut shall be made at the edge of the tree save area at the same time as other erosion control measures are installed. The tree protection fencing shall be installed on the side of the cut farthest away from the tree trunk and shall remain in place until all construction in the vicinity of the tree is complete. No storage of materials, fill, or equipment and no trespassing shall be allowed within the boundary of the protected area.
2. Tree protection fencing must be in place prior to any demolition, land disturbance or issuance of a grading permit.
3. ROOT ZONE PROTECTION AREA: Equals one foot of radius for every inch of diameter of existing trees, or six foot radius, whichever is greater. No disturbance allowed within this area.
4. Contact Adam Nicholson for a pre-construction conference prior to any site disturbance.
5. Landscape supervisors must be approved by the town prior to tree protection fence installation. Please contact Adam Nicholson at 919.968.5008.
6. Once tree fence is installed please contact Adam Nicholson for an inspection prior to any land disturbing activities.

7 C401 TREE PROTECTION FENCE DETAIL
not to scale



INSTALL TREE PROTECTION FENCE & SIGNAGE PRIOR TO CALLING FOR THE INITIAL ON-SITE INSPECTION

8 C401 TREE PROTECTION FENCE ABUTTING SILT FENCE
not to scale

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

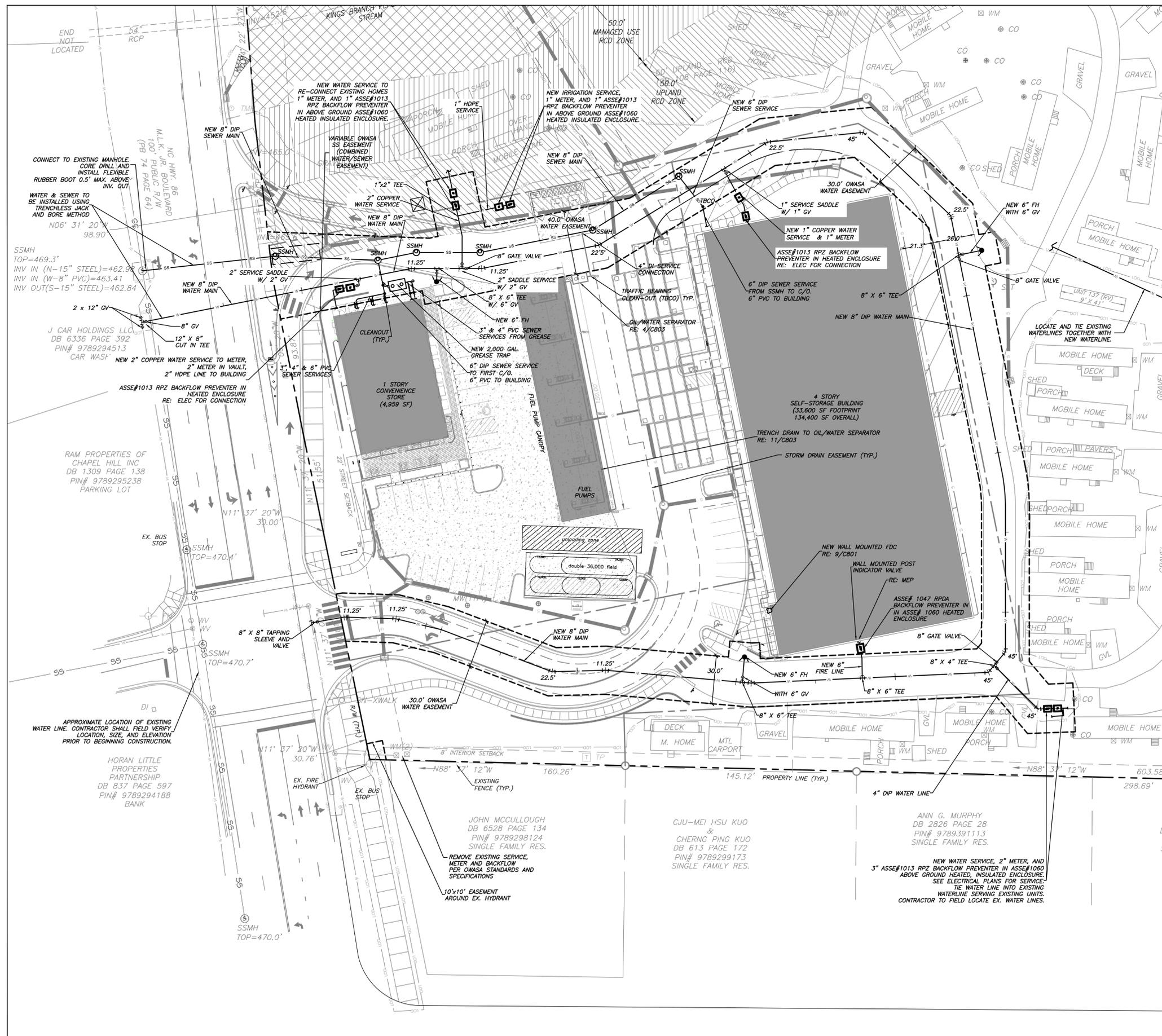
Project:
1200 MLK
SHEETZ & CLIMATE CONTROLLED STORAGE
1200 & 1204 Martin Luther King Jr. Boulevard
Orange County, North Carolina

PIN:
9789297279
9789392409



PRELIMINARY-DO NOT USE FOR CONSTRUCTION
Job Number: 1858
Drawn: JSA, TRM, HGR, MTC
Checked: JSA, PBR
Date: 6-10-2021 ZCP SUB #1
Revisions: 11-02-2021 ZCP SUB #2
02-07-2022 ZCP SUB #3
04-22-2022 ZCP SUB #4

Zoning Compliance Permit
Sheet Title:
EROSION CONTROL DETAILS
Sheet Number:
C401



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Zoning Compliance Permit

Sheet Title:

UTILITY PLAN

Sheet Number
C500

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
C500
UTILITY PLAN
 1" = 30'-0"

SEE NOTES RE: 7/C001





PRELIMINARY-DO NOT USE FOR CONSTRUCTION

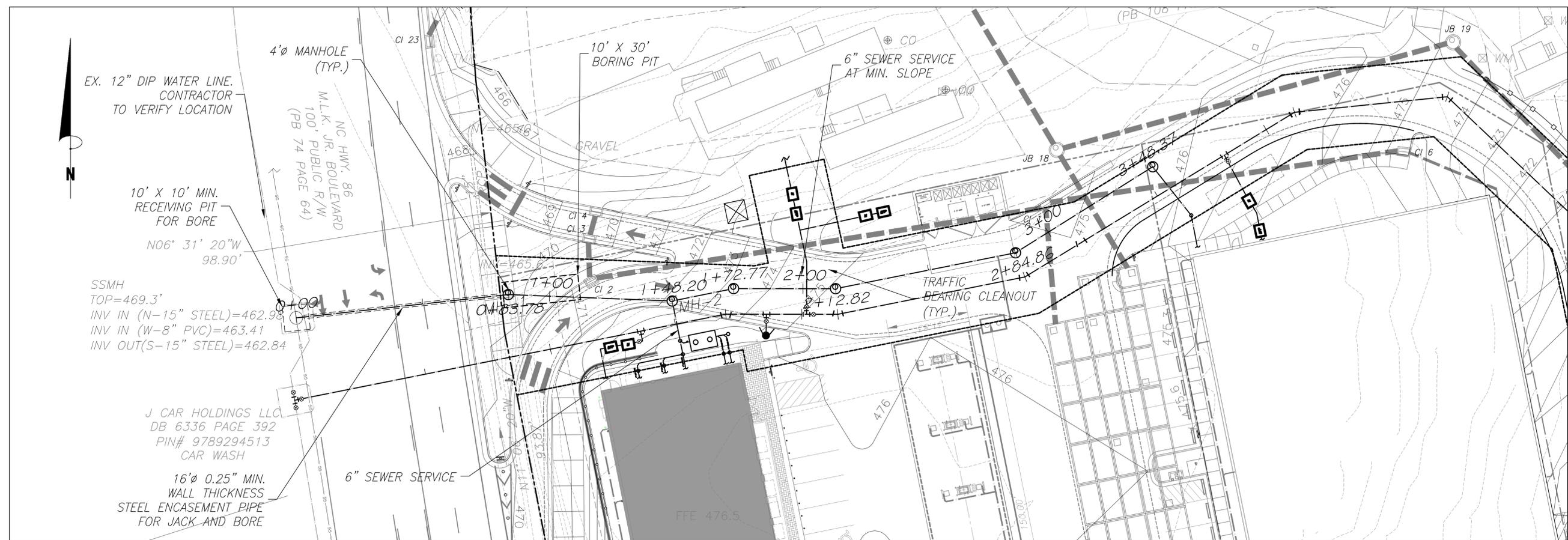
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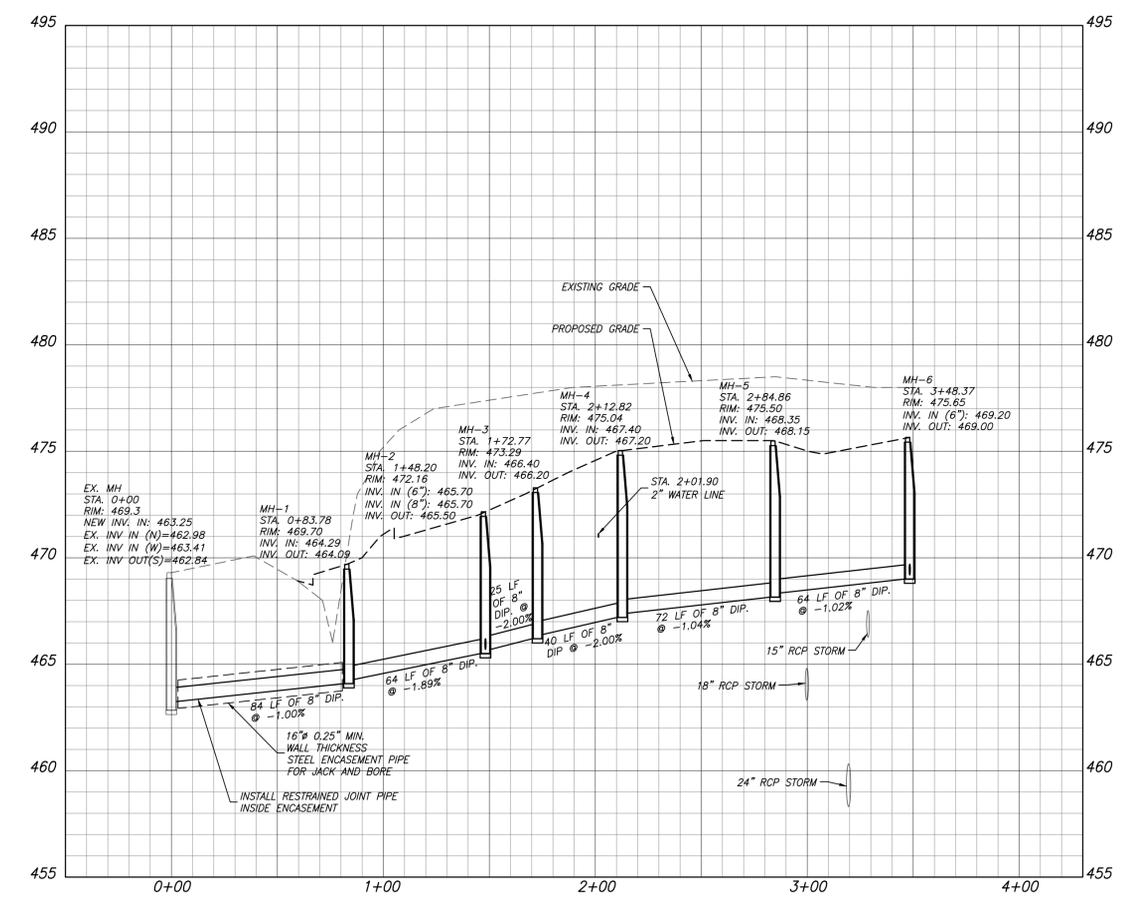
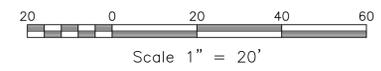
Zoning Compliance Permit
 Sheet Title:

PLAN PROFILE

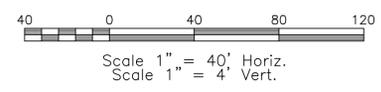
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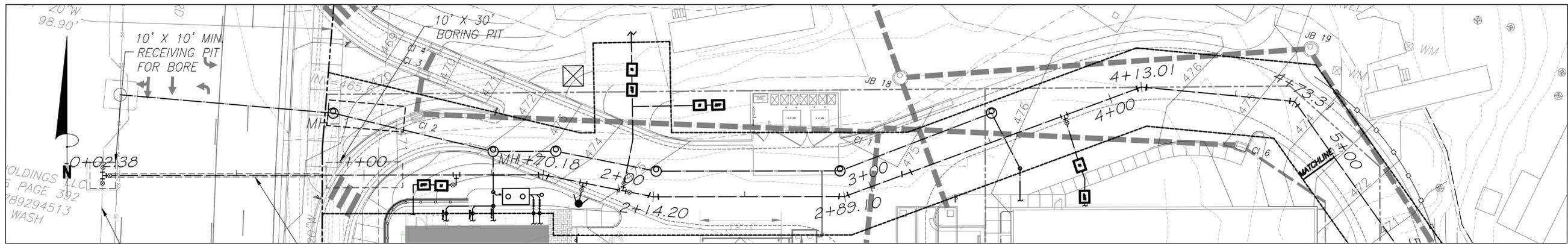


SEWER PLAN / PROFILE STA: 0+00 TO STA: 3+74.86



NOTE: ALL DIP SEWER SHALL BE FACTORY LINED WITH PROTECTO 401 OR CITY APPROVED EQUIVALENT.

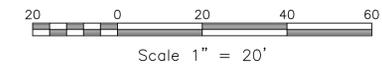




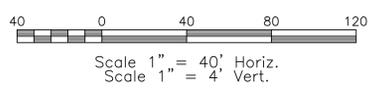
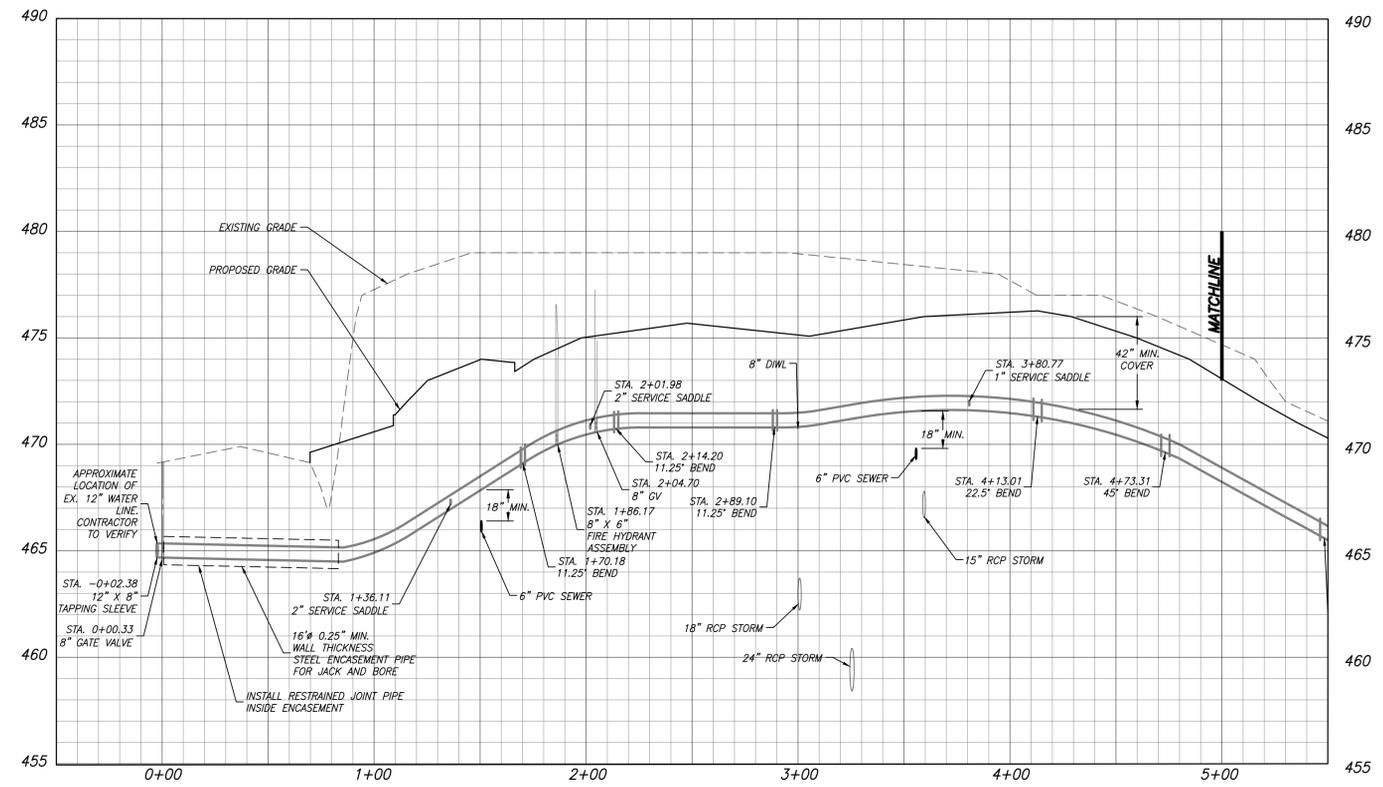
OLDINGS
PAGE 392
789294513
WASH

16" Ø 0.25" MIN.
WALL THICKNESS
STEEL ENCASUREMENT PIPE
FOR JACK AND BORE

EX. 12" DIP WATER LINE.
CONTRACTOR
TO VERIFY LOCATION



WATER PLAN / PROFILE STA: 0+00 TO STA: 5+00



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LIC # C-1209
NC BOARD OF LANDSCAPE
ARCHITECTS LIC # C-104

Project:
1200 MLK

**SHEETZ &
CLIMATE
CONTROLLED
STORAGE**

1200 & 1204
Martin Luther King Jr.
Boulevard

Orange County,
North Carolina

PIN:
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PRELIMINARY-DO NOT
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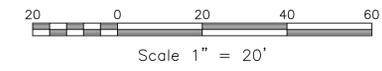
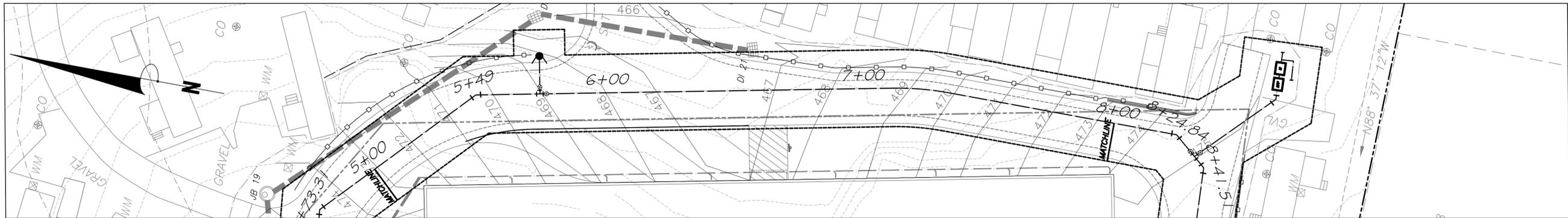
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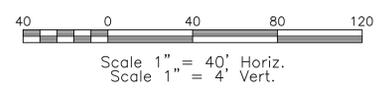
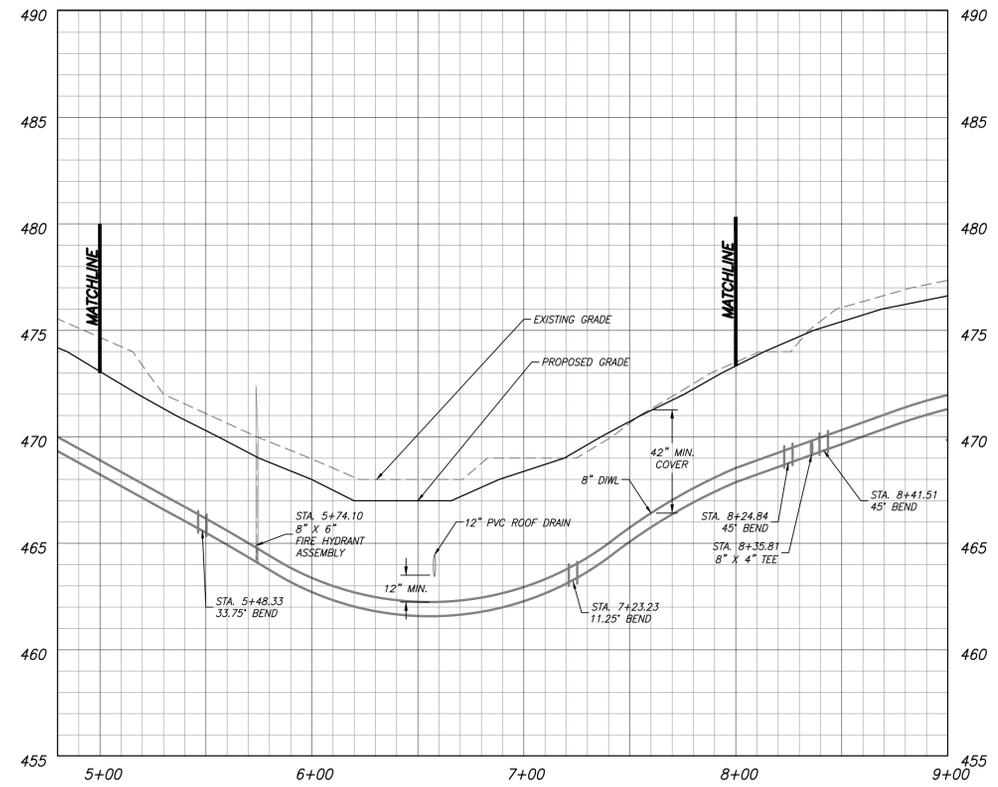
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Sheet Title:

PLAN PROFILE

Sheet Number
C502



WATER PLAN / PROFILE STA: 5+00 TO STA: 8+00



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 Orange County,
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PRELIMINARY-DO NOT USE FOR CONSTRUCTION

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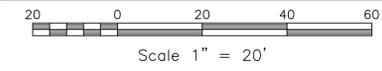
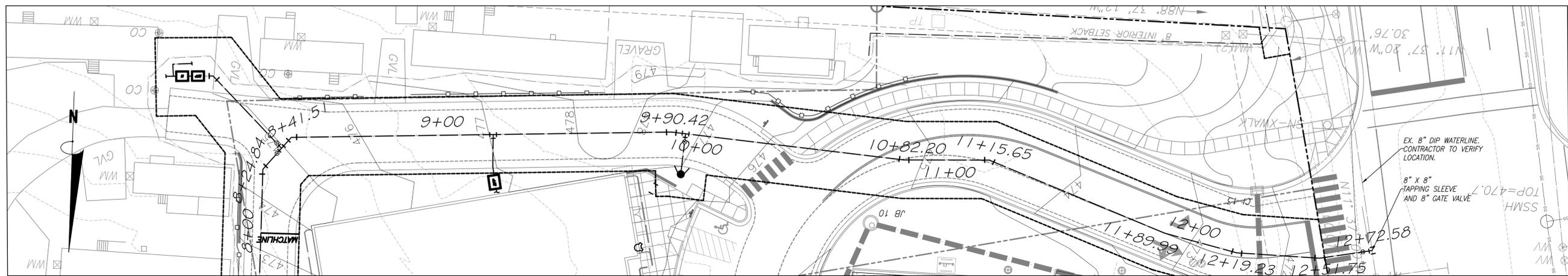
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Zoning Compliance Permit

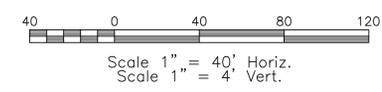
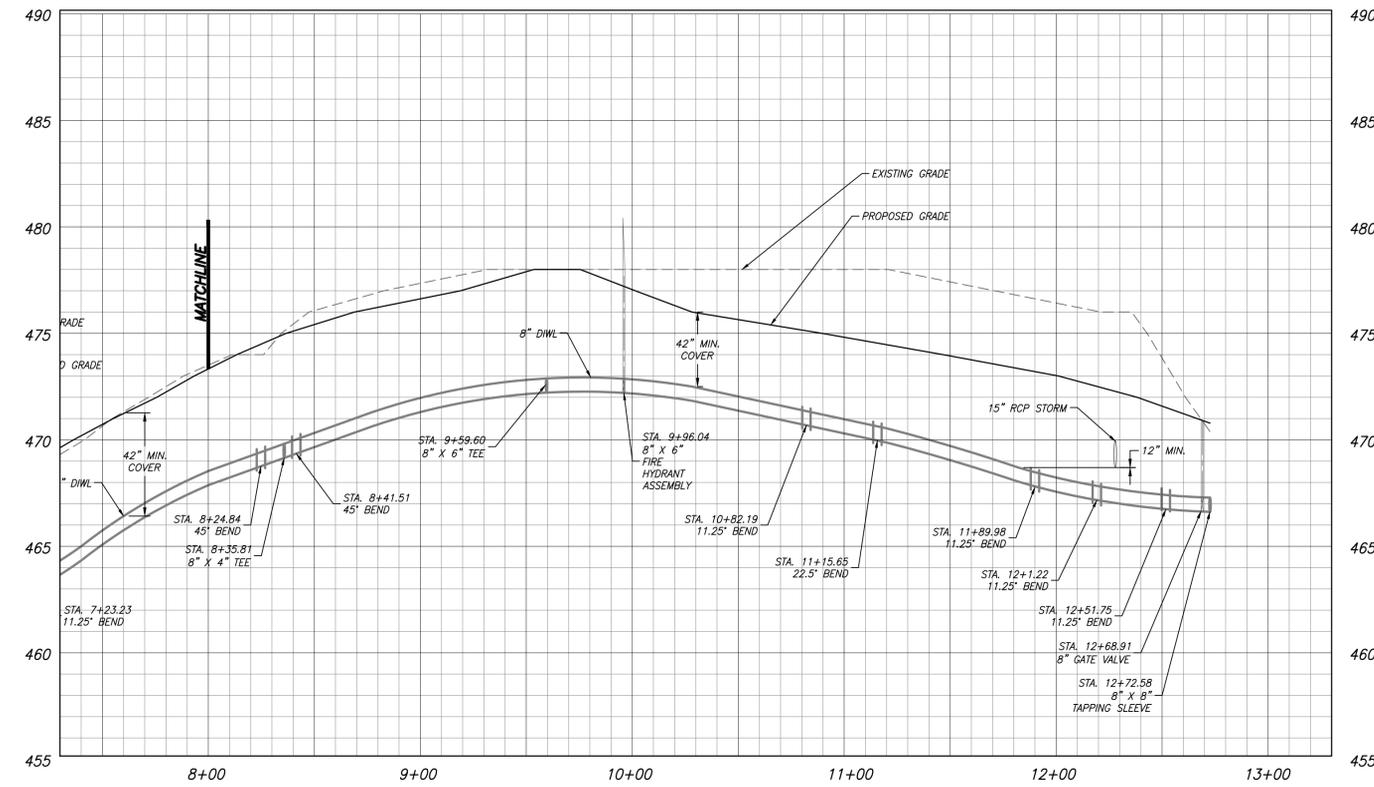
Sheet Title:

PLAN PROFILE

Sheet Number
C503



WATER PLAN / PROFILE STA: 8+00 TO STA: 12+72.58



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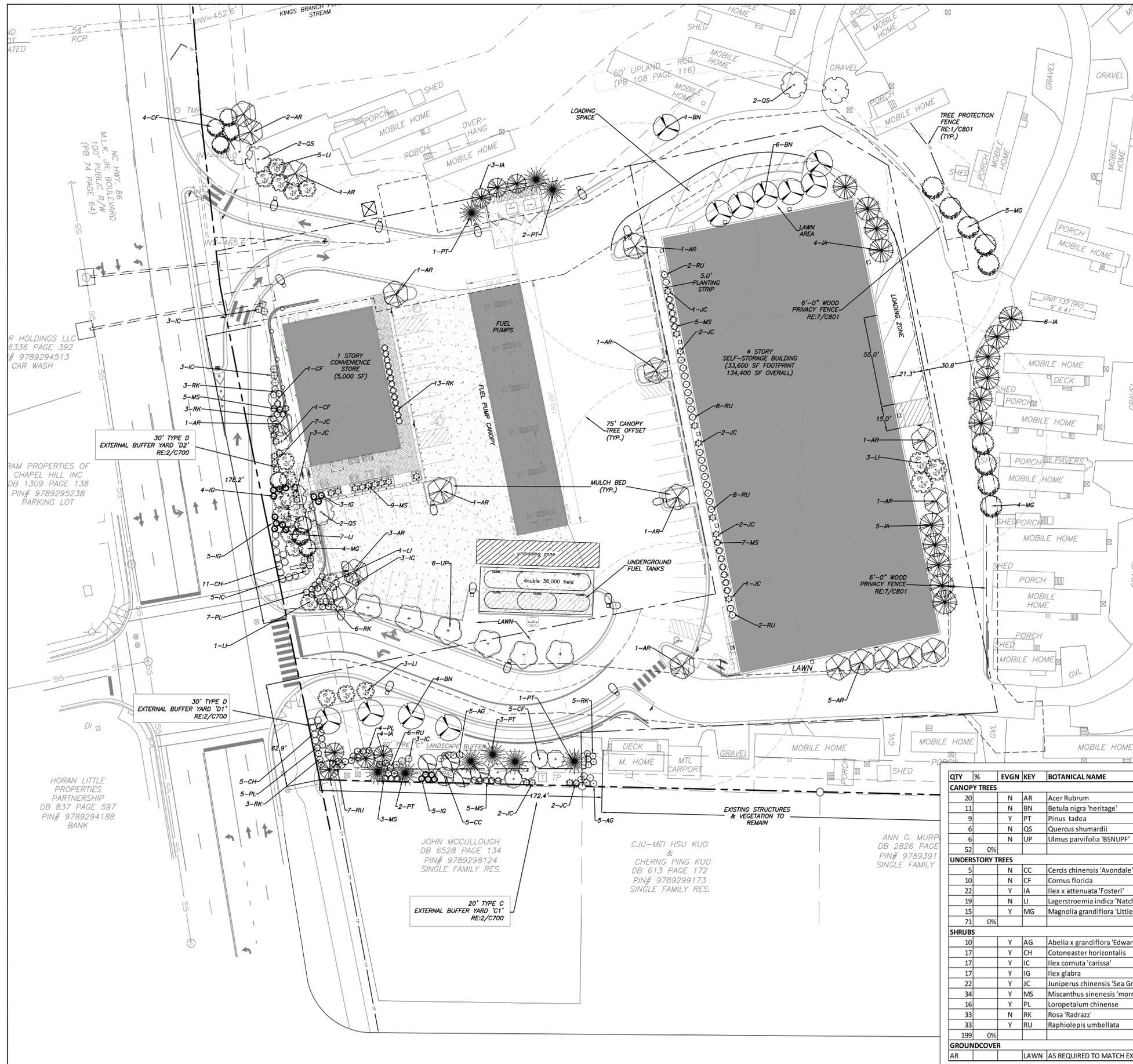
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Zoning Compliance Permit

Sheet Title:

PLAN PROFILE

Sheet Number
C504



Buffer "C1"	# Required per 100'	Required Plantings:	Existing Plantings	Plantings Provided
20' Wide	4 Large Tree = 6.9	7 Large Trees	- 0	= 7 Large Trees
172.4 LF (Internal)	8 Small Tree = 13.8	14 Small Trees	- 0	= 14 Small Trees
	30 Shrubs = 51.8	52 Shrubs	- 0	= 52 Shrubs

Buffer "D1"	# Required per 100'	Required Plantings:	Existing Plantings	Plantings Provided
30' Wide	6 Large Tree = 3.8	4 Large Trees	- 0	= 4 Large Trees
62.9 LF (External)	12 Small Tree = 7.6	8 Small Trees	- 0	= 8 Small Trees
	40 Shrubs = 25.2	26 Shrubs	- 0	= 26 Shrubs

Buffer "D2"	# Required per 100'	Required Plantings:	Existing Plantings	Plantings Provided
30' Wide	6 Large Tree = 10.7	11 Large Trees	- 0	= 11 Large Trees
178.2 LF (External)	12 Small Tree = 21.4	22 Small Trees	- 0	= 22 Small Trees
	40 Shrubs = 71.3	72 Shrubs	- 0	= 72 Shrubs

2 LANDSCAPE BUFFER CALCULATIONS
C700

	PARCEL 1 (GAS STATION)	PARCEL 2 (SELF STORAGE)
PARCEL AREA	68,739.55 SF	75,123.73 SF
PROPOSED EASEMENTS	- 21,646.00 SF	- 19,952.00 SF
NET LAND AREA	= 47,093.55 SF	= 55,171.73 SF

30% OF NET LAND AREA	= 14,128 SF	= 16,552 SF
CREDIT PER 2.5" CAL. REPLACEMENT TREE	\ 500 SF	\ 500 SF
# TREES REQUIRED	= 28 TREES	= 33 TREES
# TREES PROVIDED	= 29 TREES	= 33 TREES

3 PROPOSED TREE CANOPY COVERAGE
C700

QTY	%	EVGN	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CANOPY TREES								
20		N	AR	Acer Rubrum	Red Maple	2.5" CAL. 14' ht.	AS SHOWN	SINGLE TRUNK & LEADER
11		N	BT	Betula nigra 'heritage'	Heritage River Birch	3" CAL tot 14' ht.	AS SHOWN	3 TRUNK MINIMUM
9		Y	PT	Pinus tadea	Loblolly Pine	2" cal. 12' ht.	AS SHOWN	SINGLE TRUNK & LEADER
6		N	QS	Quercus shumardii	Shumard Oak	2.5" CAL. 12' ht.	AS SHOWN	SINGLE TRUNK & LEADER
6		N	UP	Ulmus parvifolia 'BSNUPF'	Everclear Lacebark Elm	2.5" CAL. 14' ht.	AS SHOWN	SINGLE TRUNK & LEADER
52	0%							
UNDERSTORY TREES								
5		N	CC	Cercis chinensis 'Avondale'	Chinese Avondale Redbud	1" cal. 8' HT.	AS SHOWN	SINGLE TRUNK & LEADER
10		N	CF	Cornus florida	Dogwood	1" cal.		
22		Y	IA	Ilex x attenuata 'Fosteri'	Foster Holly	1" cal. 6' HT.	8' O.C.	SINGLE TRUNK & LEADER
19		N	LI	Lagerstroemia indica 'Natchez'	Natchez Crape Myrtle	8-10' HT.	AS SHOWN	MULTI-TRUNK (2.5" OVERALL CALIPER)
15		Y	MG	Magnolia grandiflora 'Little Gem'	Little Gem Magnolia	2.5" CAL. 8' ht.	10' O.C.	FULL AND MATCHING
71	0%							
SHRUBS								
10		Y	AG	Abelia x grandiflora 'Edward Goucher'	Edward Goucher Abelia	15" HT.	30" O.C.	FULL AND MATCHING
17		Y	CH	Cotoneaster horizontalis	Rock Spray Cotoneaster	12" HT.	30" O.C.	FULL AND MATCHING
17		Y	IC	Ilex cornuta 'carissa'	Carissa Holly	15" HT.	30" O.C.	FULL AND MATCHING
17		Y	IG	Ilex glabra	Inkberry Holly	15" HT.	36" O.C.	FULL AND MATCHING
22		Y	JC	Juniperus chinensis 'Sea Green'	Sea Green Juniper	18" HT.	36" O.C.	FULL AND MATCHING
34		Y	MS	Miscanthus sinensis 'morning light'	Morning Light Miscanthus	15" HT.	36" O.C.	FULL AND MATCHING
16		Y	PL	Loropetalum chinense	Loropetalum	15" HT.	36" O.C.	FULL AND MATCHING
33		N	RK	Rosa 'Radrazz'	Knock Out Rose	15" HT.	36" O.C.	FULL AND MATCHING
33		Y	RU	Raphiolepis umbellata	Indian Hawthorn	18" HT.	36" O.C.	FULL AND MATCHING
199	0%							
GROUND COVER								
AR				LAWN	AS REQUIRED TO MATCH EXISTING			

4 PLANT LIST
C700

1 LANDSCAPE PLAN
1" = 30'-0"

SEE NOTES RE: 9/C001



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PRELIMINARY-DO NOT USE FOR CONSTRUCTION

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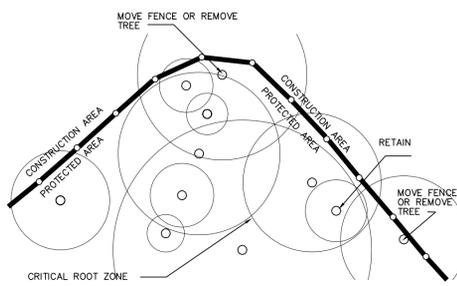
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Zoning Compliance Permit

Sheet Title:

LANDSCAPE PLAN

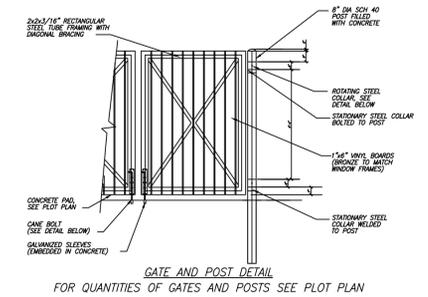
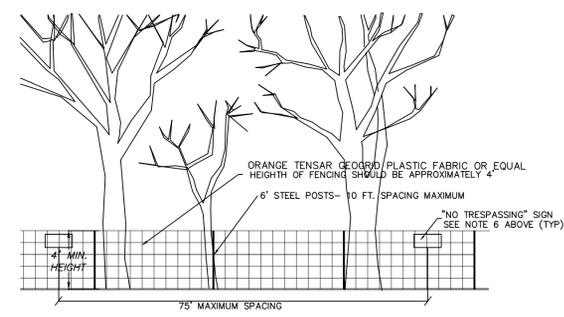
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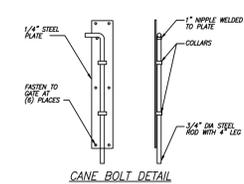
- NOTES:
1. MOVE FENCE OR REMOVE TREE IF MORE THAN 20% OF A TREE'S CRITICAL ROOT AREA IS UNPROTECTED.
 2. ROOT PRUNE TREES TO REMAIN WHERE CONSTRUCTION ACTIVITIES WILL SEVER ROOTS.
 3. ANY TREE ROOTS EXPOSED BY CONSTRUCTION SHALL BE SEVERED CLEANLY WITH A PRUNING TOOL.
 4. DO NOT DISPOSE OF ANY CHEMICALS 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. CONTACT ADAM NICHOLSON FOR A PRE-CONSTRUCTION CONFERENCE PRIOR TO ANY SITE DISTURBANCE.
2. (2) LANDSCAPE SUPERVISORS MUST BE APPROVED BY THE TOWN PRIOR TO TREE PROTECTION FENCE INSTALLATION. PLEASE CONTACT ADAM NICHOLSON AT 919.969.5006.
3. ONCE TREE FENCE IS INSTALLED PLEASE CONTACT ADAM NICHOLSON FOR AN INSPECTION PRIOR TO ANY LAND DISTURBING ACTIVITIES.

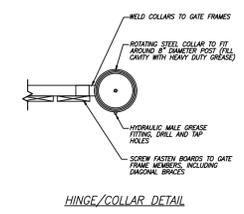
1 TREE PROTECTION FENCING
C801 NO SCALE



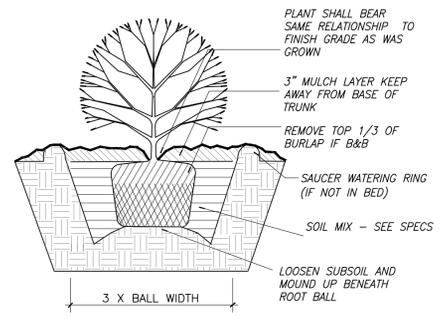
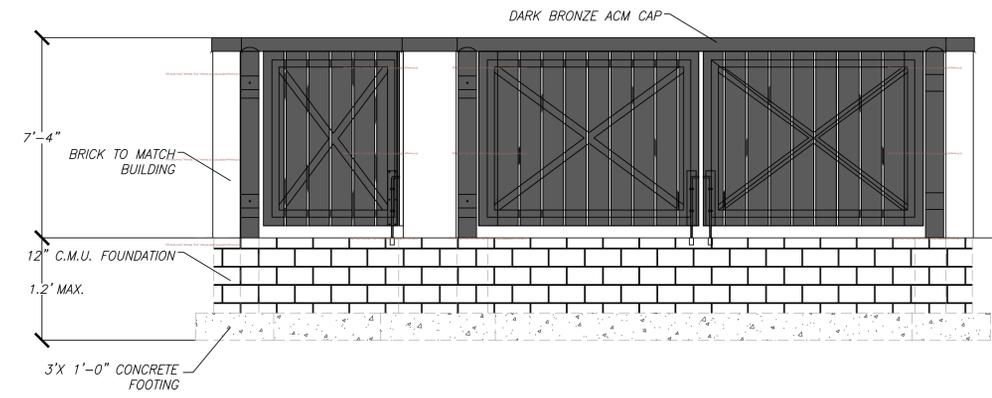
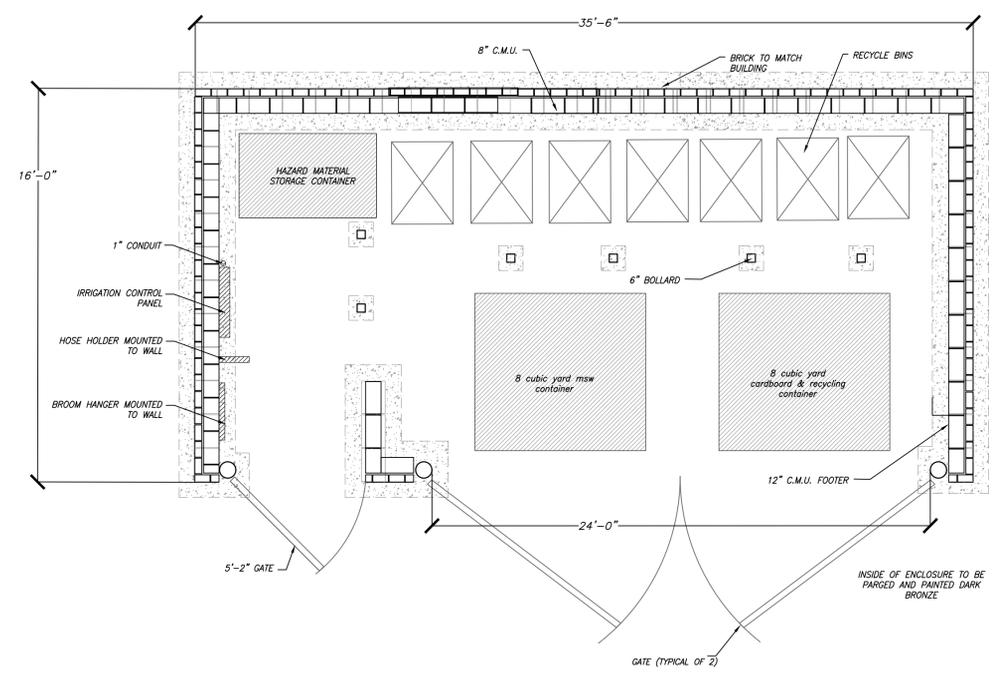
GATE AND POST DETAIL
FOR QUANTITIES OF GATES AND POSTS SEE PLOT PLAN



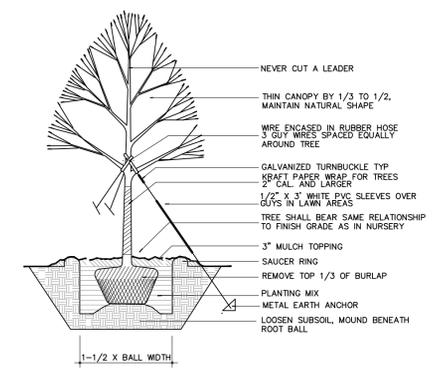
CANE BOLT DETAIL



HINGE/COLLAR DETAIL

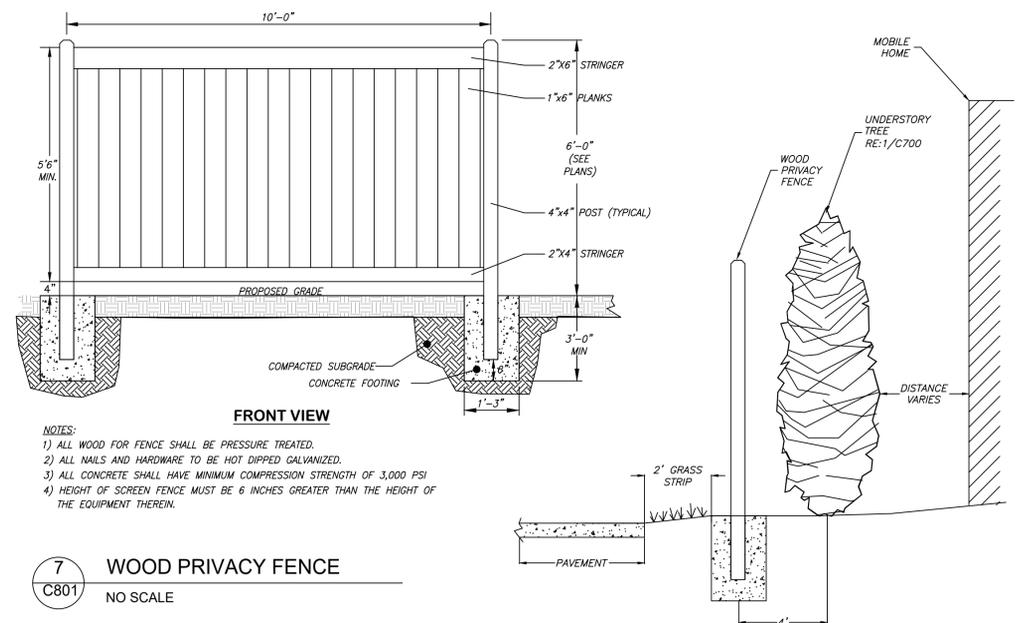


4 SHRUB DETAIL
C801 NO SCALE

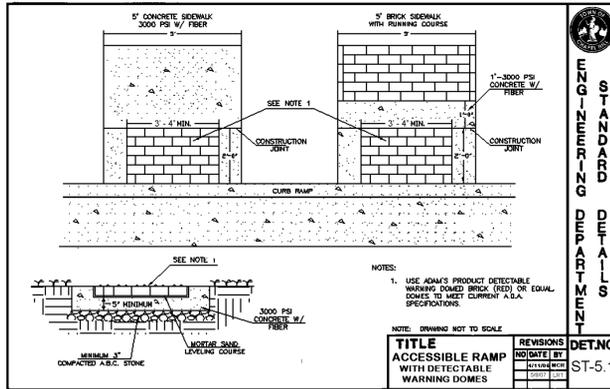


5 TREE PLANTING DETAIL
C801 NO SCALE

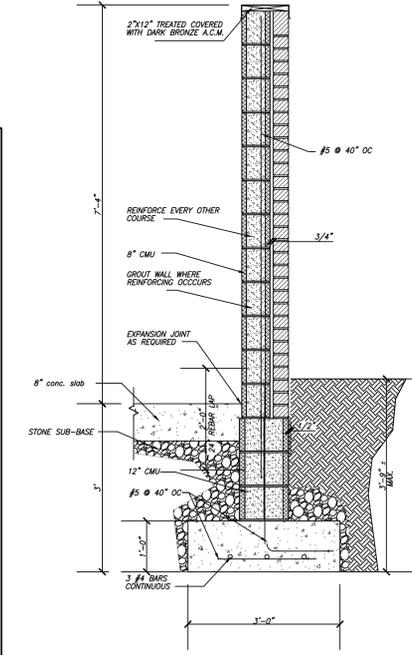
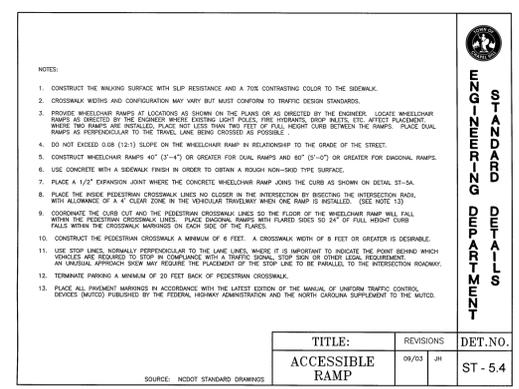
2 DOUBLE DUMPSTER
C801 NO SCALE



7 WOOD PRIVACY FENCE
C801 NO SCALE



8 ACCESSIBLE RAMP
C801 NO SCALE



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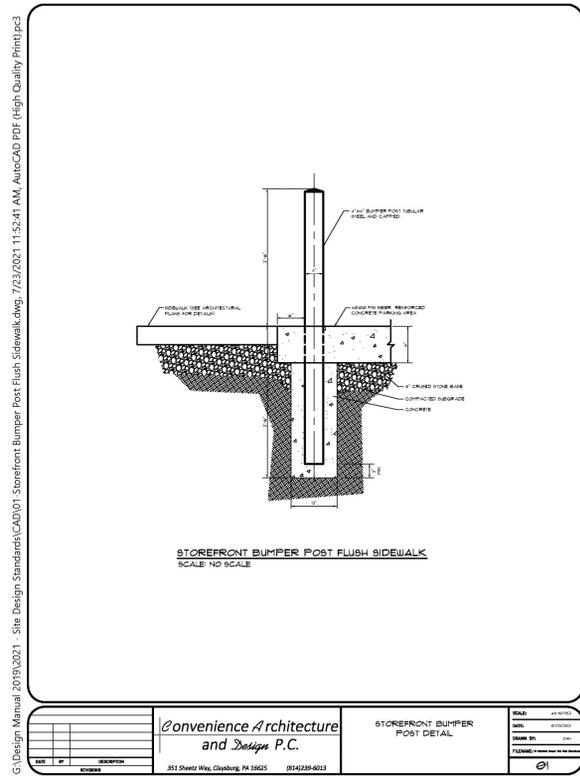
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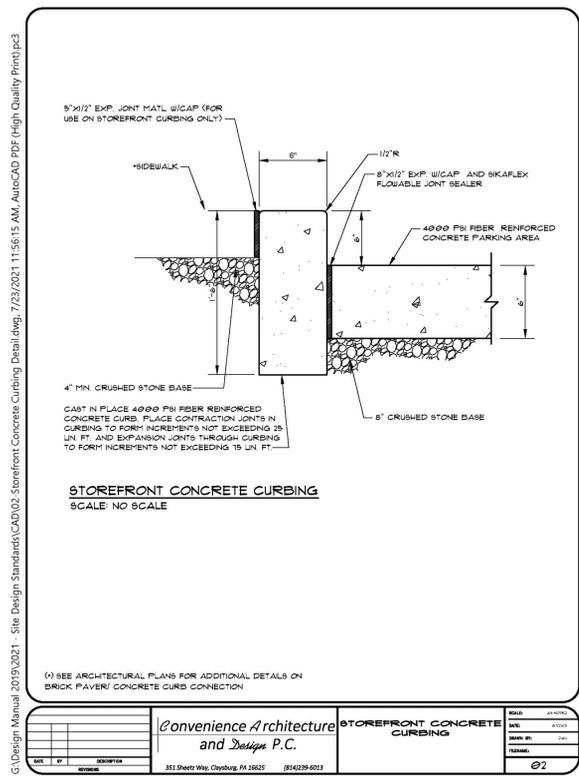


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02-07-2022 ZCP SUB #3
04-22-2022 ZCP SUB #4

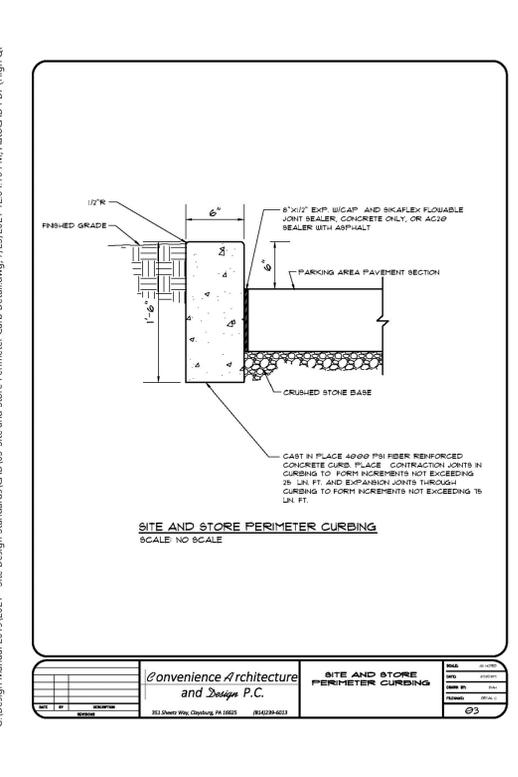
Zoning Compliance Permit
Sheet Title:
SITE DETAILS
Sheet Number:
C801



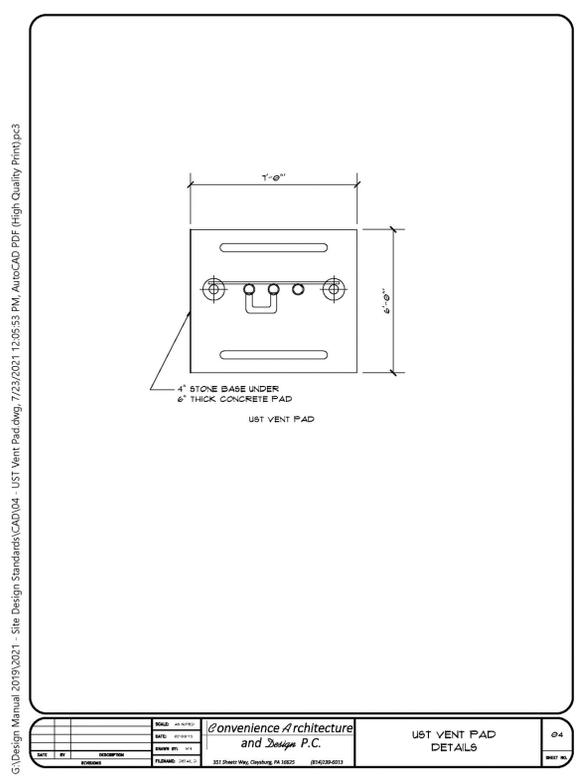
1 STOREFRONT BUMPER POST
NTS



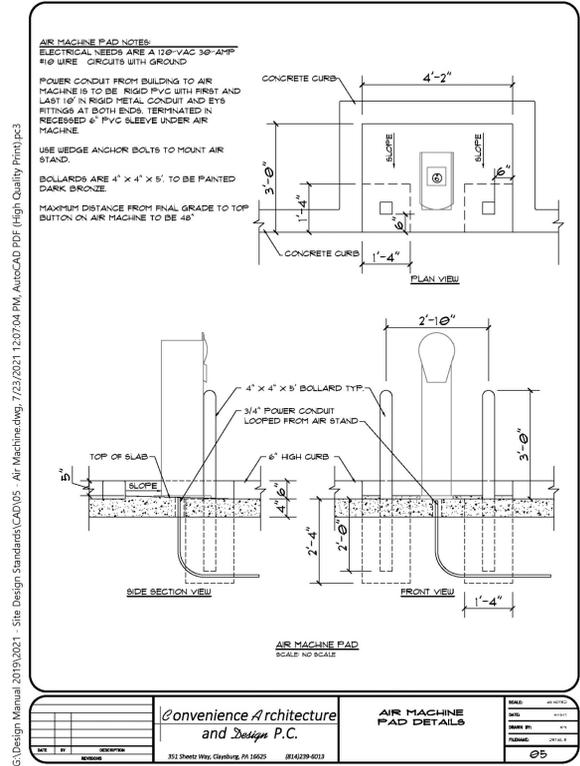
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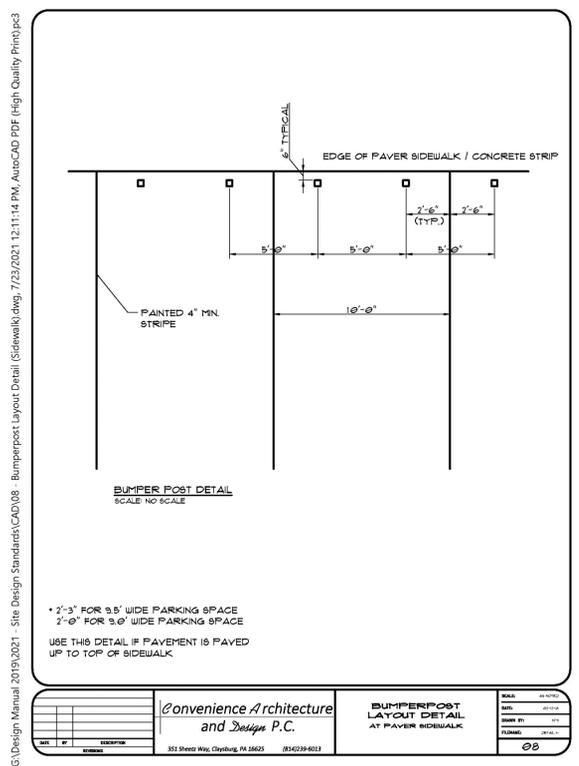
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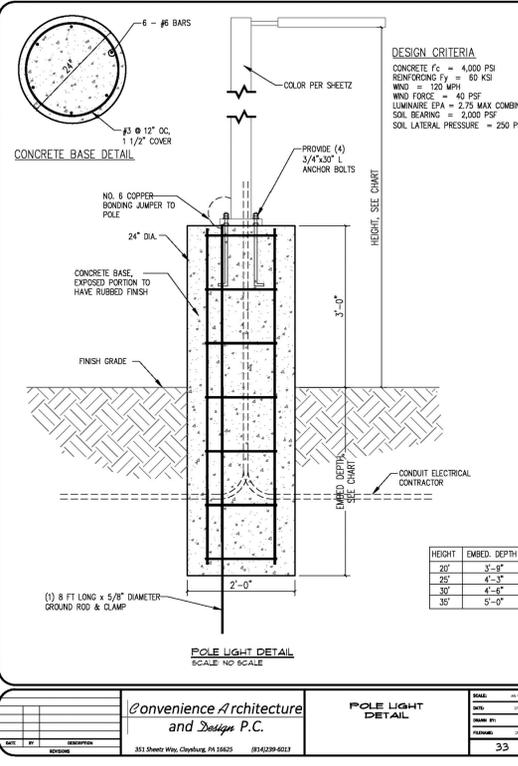
4 UST VENT PAD
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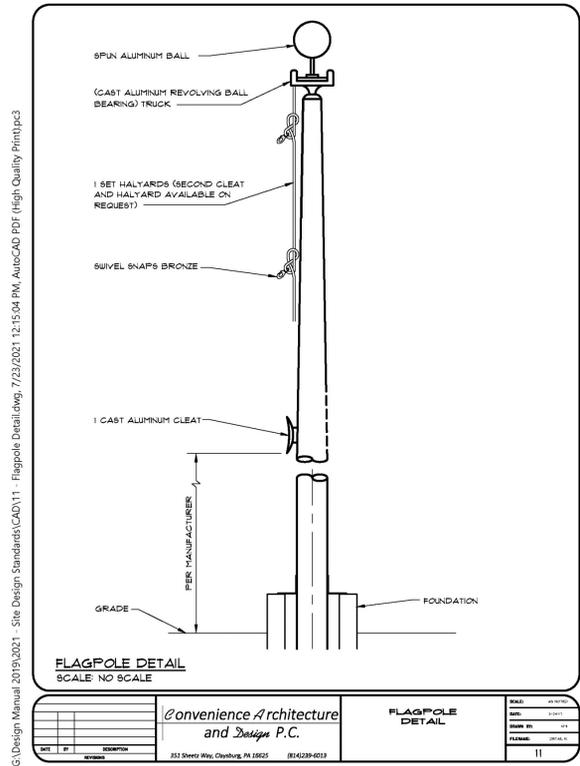
9 AIR MACHINE PAD
NTS



10 BUMPERPOST LAYOUT
NTS



11 POLE LIGHT
NTS



12 FLAGPOLE
NTS



PRELIMINARY-DO NOT USE FOR CONSTRUCTION

Job Number: 1858

Drawn	JSA, TRM, HGR, MTC
Checked	JSA, PBR
Date	6-10-2021 ZCP SUB #1
Revisions	11-02-2021 ZCP SUB #2
	02-07-2022 ZCP SUB #3
	04-22-2022 ZCP SUB #4

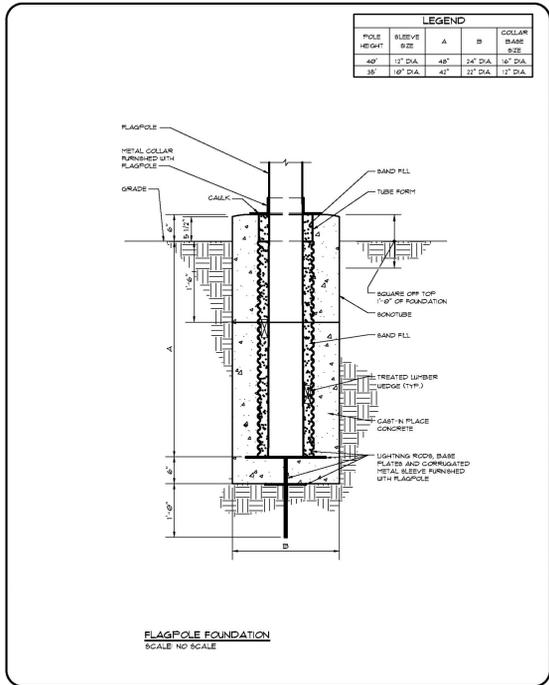
Zoning Compliance Permit

Sheet Title:

SITE DETAILS

Sheet Number
C802

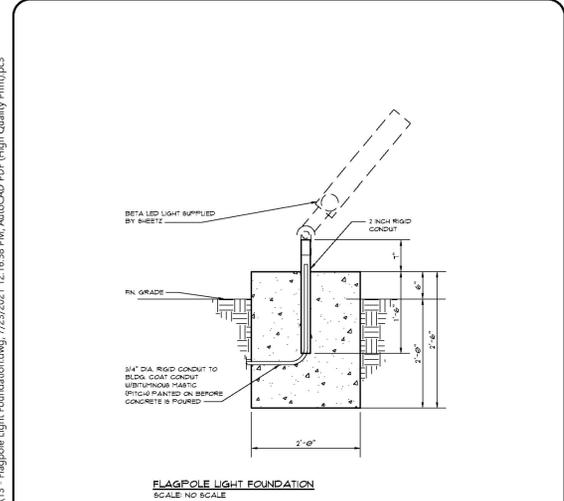
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Convenience Architecture and Design P.C. 351 Shoery Way, Clarksburg, PA 16625 (814)239-6013		FLAGPOLE FOUNDATION DATE: 08/11/21 DRAWN BY: JSA CHECKED BY: JSA PLOTTED: 08/11/21	SHEET NO: 12 TOTAL SHEETS: 13
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1 FLAGPOLE FOUNDATION
C803 NTS

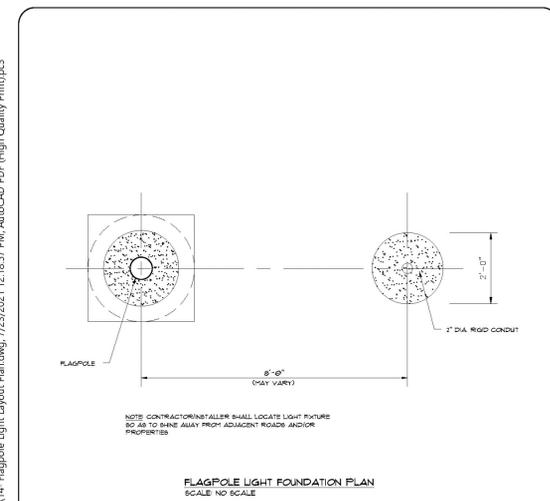
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Convenience Architecture and Design P.C. 351 Shoery Way, Clarksburg, PA 16625 (814)239-6013		FLAGPOLE LIGHT FOUNDATION DATE: 08/11/21 DRAWN BY: JSA CHECKED BY: JSA PLOTTED: 08/11/21	SHEET NO: 13 TOTAL SHEETS: 13
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2 FLAGPOLE LIGHT FOUNDATION
C803 NTS

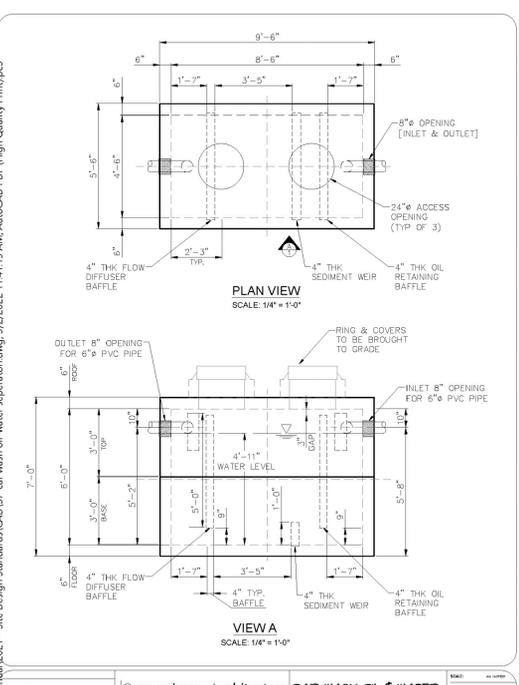
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Convenience Architecture and Design P.C. 351 Shoery Way, Clarksburg, PA 16625 (814)239-6013		FLAGPOLE AND LIGHT FOUNDATION LAYOUT PLAN DATE: 08/11/21 DRAWN BY: JSA CHECKED BY: JSA PLOTTED: 08/11/21	SHEET NO: 14 TOTAL SHEETS: 14
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3 FLAGPOLE AND LIGHT FOUNDATION LAYOUT
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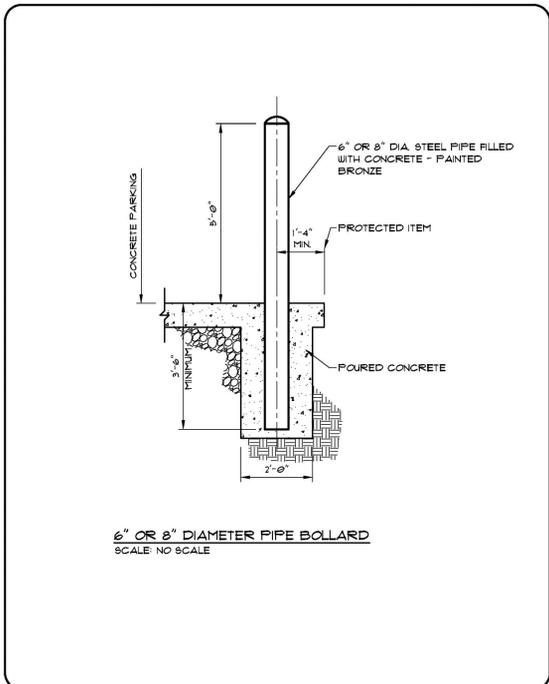
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4 OIL & WATER SEPERATOR
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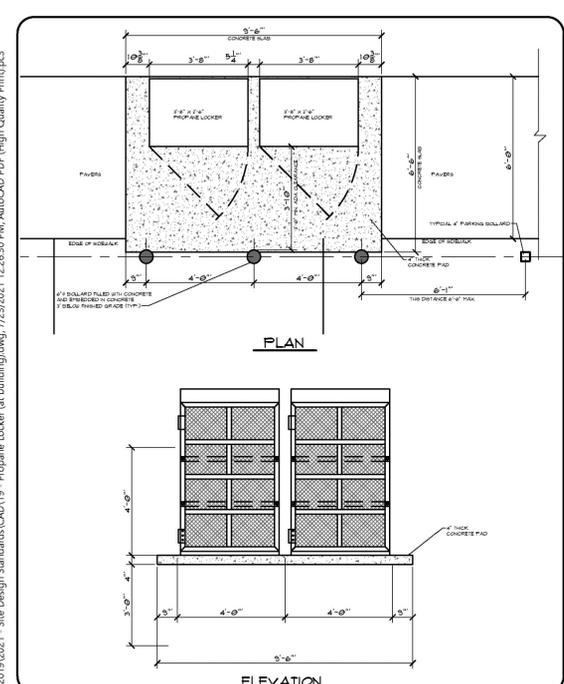
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9 BOLLARD
C803 NTS

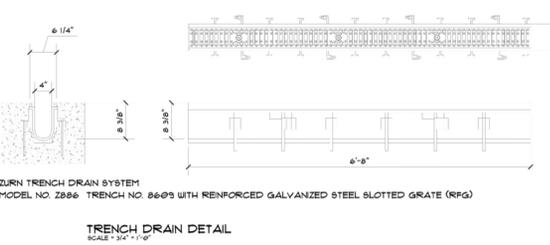
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Convenience Architecture and Design P.C. 351 Shoery Way, Clarksburg, PA 16625 (814)239-6013		PROPANE LOCKERS AT BUILDINGS DATE: 08/11/21 DRAWN BY: JSA CHECKED BY: JSA PLOTTED: 08/11/21	SHEET NO: 19 TOTAL SHEETS: 19
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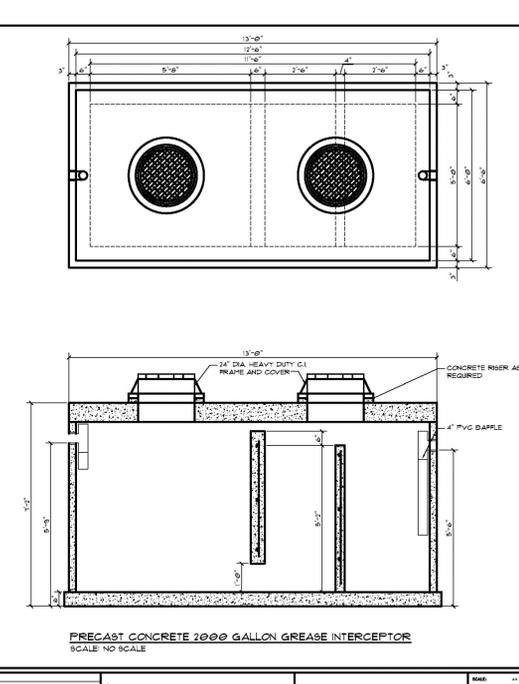
10 PROPANE LOCKER
C803 NTS

G:\Design Manual 2019\2021 - Site Design Standards\CAD\1.11 - Zurn Trench Drain System.dwg, 7/23/2021 12:26:30 PM, AutoCAD PDF (High Quality Print).pc3



11 TRENCH DRAIN
C803 NTS

G:\Design Manual 2021 - Site Design Standards\CAD\37 - 2000 Gallon Grease Interceptor.dwg, 9/2/2022 11:41:15 AM, AutoCAD PDF (High Quality Print).pc3



Convenience Architecture and Design P.C. 351 Shoery Way, Clarksburg, PA 16625 (814)239-6013		2000 GALLON PRECAST CONCRETE GREASE INTERCEPTOR DATE: 08/11/21 DRAWN BY: JSA CHECKED BY: JSA PLOTTED: 08/11/21	SHEET NO: 21 TOTAL SHEETS: 21
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12 GREASE INTERCEPTOR
C803 NTS

CJT P.A.

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Durham, N.C. 27701
p 919.682.0368
f 919.688.5646
www.cjtpa.com

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Project:
1200 MLK

SHEETZ & CLIMATE CONTROLLED STORAGE

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

PIN:
9789297279
9789392409



PRELIMINARY-DO NOT USE FOR CONSTRUCTION

Job Number: 1858

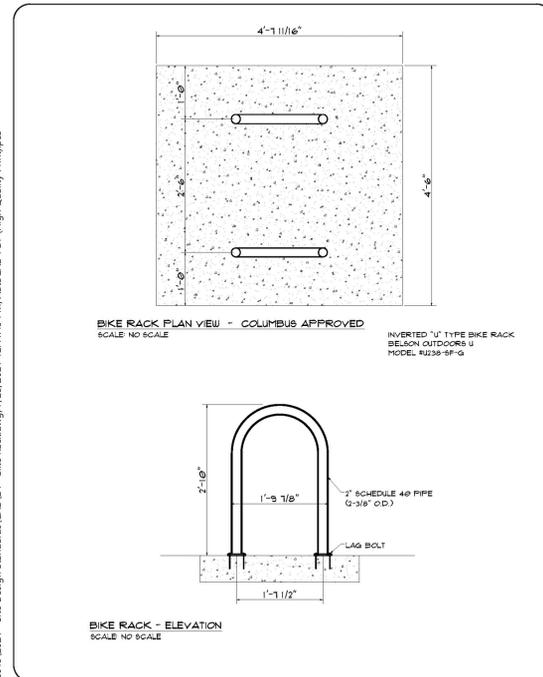
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Checked: JSA, PBR
Date: 6-10-2021 ZCP SUB #1
Revisions: 11-02-2021 ZCP SUB #2
02-07-2022 ZCP SUB #3
04-22-2022 ZCP SUB #4

Zoning Compliance Permit

Sheet Title:
SITE DETAILS

Sheet Number
C803

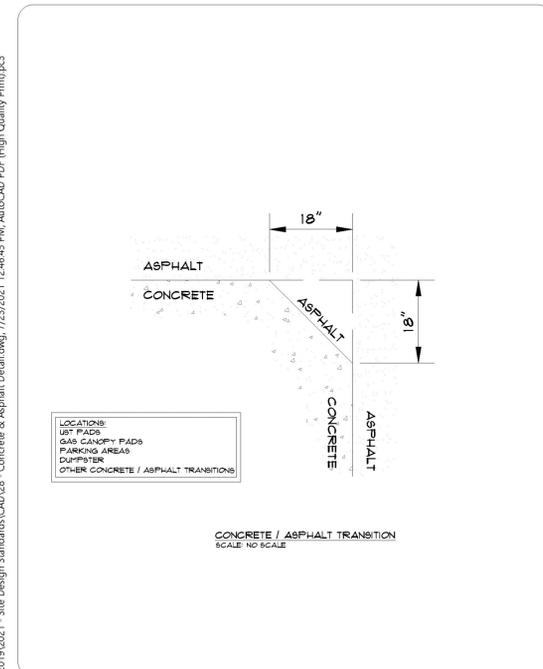
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convenience Architecture and Design P.C. 352 Shaver Way, Cary, NC 27513 (919) 429-6013		BIKE RACK	SHEET: 24 DATE: 07/23/21
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1 BIKE RACK
C804 NTS

G:\Design Manual 2019\2021 - Site Design Standards\CAD\28 - Concrete & Asphalt Detail.dwg, 7/23/2021 12:46:45 PM, AutoCAD PDF (High Quality Print).pc3



convenience Architecture and Design P.C. 352 Shaver Way, Cary, NC 27513 (919) 429-6013		CONCRETE / ASPHALT TRANSITION DETAIL	SHEET: 2B DATE: 07/23/21
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2 CONCRETE ASPHALT TRANSITION
C804 NTS

3 NOT USED
C804 NTS

4 NOT USED
C804 NTS

9 NOT USED
C804 NTS

10 NOT USED
C804 NTS

11 NOT USED
C804 NTS

12 NOT USED
C804 NTS



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NC BOARD OF LANDSCAPE ARCHITECTS LIC # G-104

Project:

1200 MLK

SHEETZ & CLIMATE CONTROLLED STORAGE

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, TRM, HGR, MTC
Checked	JSA, PBR
Date	6-10-2021 ZCP SUB #1
Revisions	11-02-2021 ZCP SUB #2 02-07-2022 ZCP SUB #3 04-22-2022 ZCP SUB #4

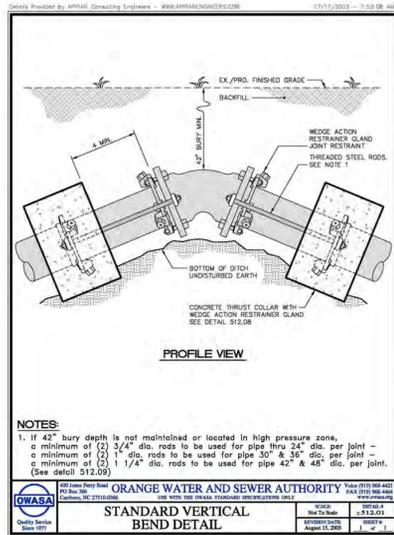
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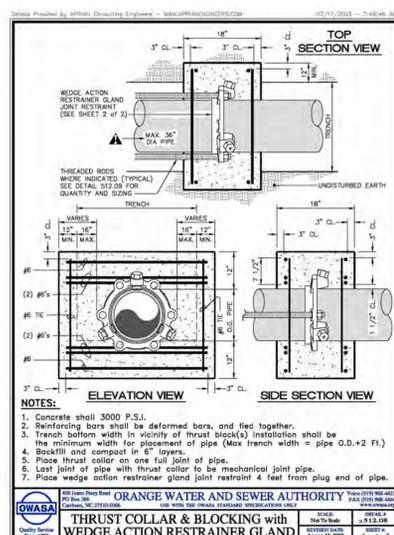
1 C805 NTS
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48"	1.00	1.00	1.50	0.06	90"	1.50
90"	1.50	1.50	2.50	0.15	11 1/4"	1.00
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90"	2.00	2.00	3.00	0.33	22 1/2"	1.00
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22 1/2"	1.00	1.00	2.50	0.15	11 1/4"	1.00
48"	1.00	1.00	2.50	0.15	22 1/2"	1.00
90"	2.00	2.00	3.00	0.39	48"	1.00
TEE / PLUG	2.00	2.00	3.00	0.28	90"	1.50
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48"	2.00	2.00	2.50	0.23	48"	2.00
90"	4.00	2.50	3.00	0.61	90"	4.00
TEE / PLUG	4.00	2.50	3.00	0.43	11 1/4"	2.00
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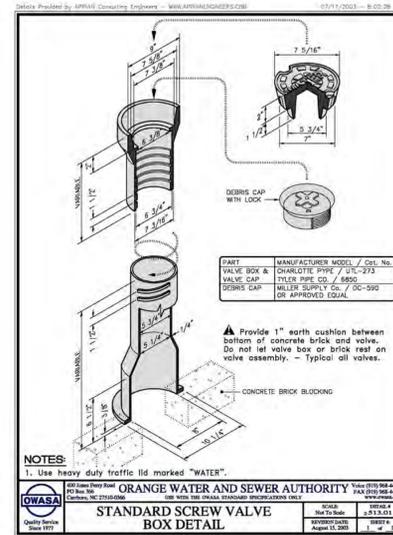
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48"	1.00	1.00	1.50	0.06	90"	1.50
90"	1.50	1.50	2.50	0.15	11 1/4"	1.00
TEE / PLUG	1.50	1.50	2.50	0.12	22 1/2"	1.00
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48"	1.00	1.00	2.50	0.15	11 1/4"	1.00
90"	2.00	2.00	3.00	0.33	22 1/2"	1.00
TEE / PLUG	2.00	2.00	3.00	0.24	48"	1.00
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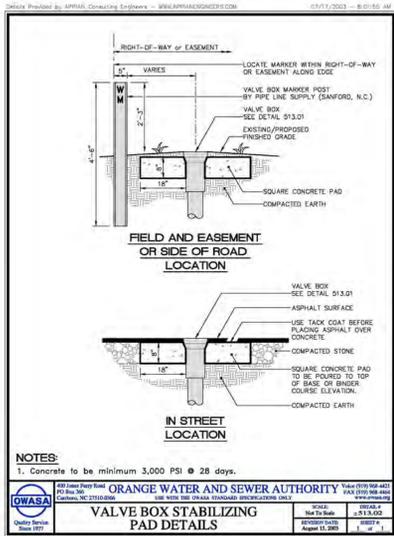
3 C805 NTS
OWASA TIE ROD ANCHORS CHART



4 C805 NTS
OWASA STANDARD THRUST COLLAR



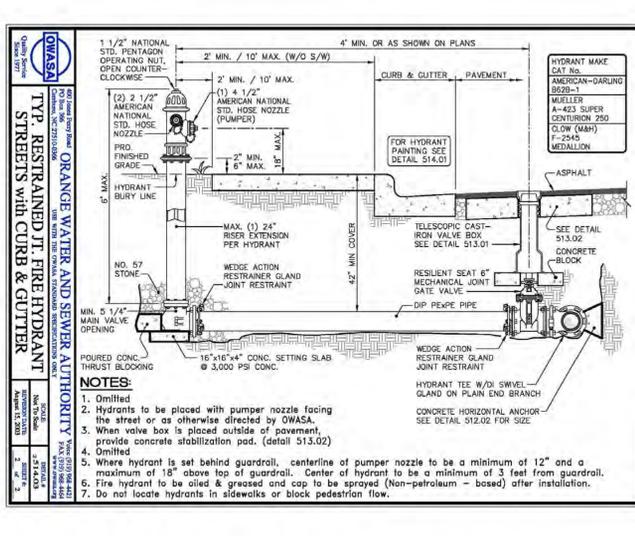
5 C805 NTS
STANDARD SCREW VALVE BOX



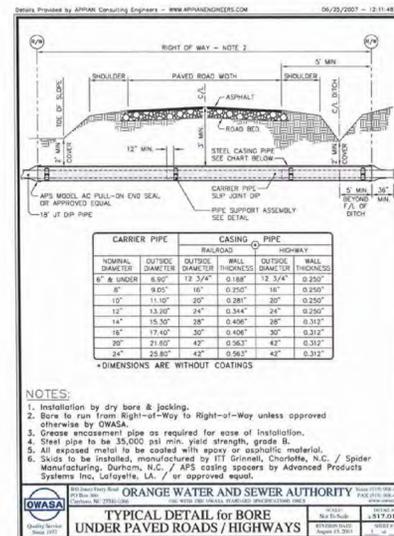
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22 1/2"	1.00	1.00	1.50	0.06	48"	1.00
48"	1.00	1.00	1.50	0.06	90"	1.50
90"	1.50	1.50	2.00	0.07	11 1/4"	1.00
TEE / PLUG	1.50	1.50	2.00	0.12	22 1/2"	1.00
11 1/4"	1.00	1.00	2.50	0.09	48"	1.00
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48"	1.00	1.00	2.50	0.15	11 1/4"	1.00
90"	2.00	2.00	3.00	0.39	22 1/2"	1.00
TEE / PLUG	2.00	2.00	3.00	0.28	48"	1.00
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48"	2.00	2.00	2.50	0.23	22 1/2"	2.00
90"	3.00	2.00	2.75	0.25	48"	2.00
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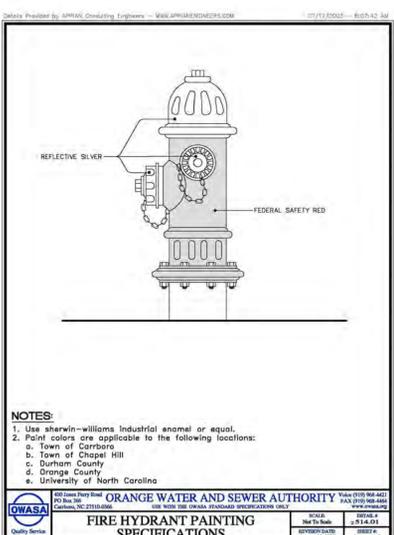
7 C805 NTS
OWASA STANDARD BLOCKING DETAIL



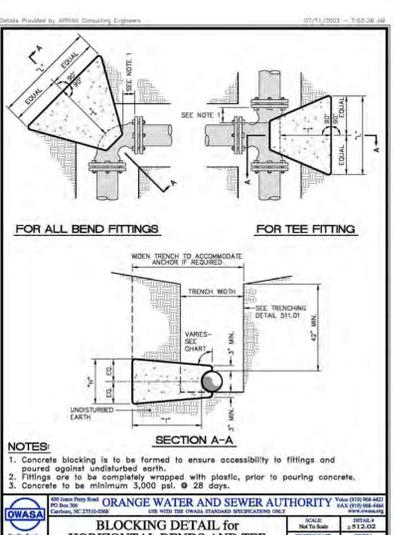
8 C805 NTS
TYPICAL FIRE HYDRANT INSTALLATION (W/RESTRAINED JOINT PIPE)



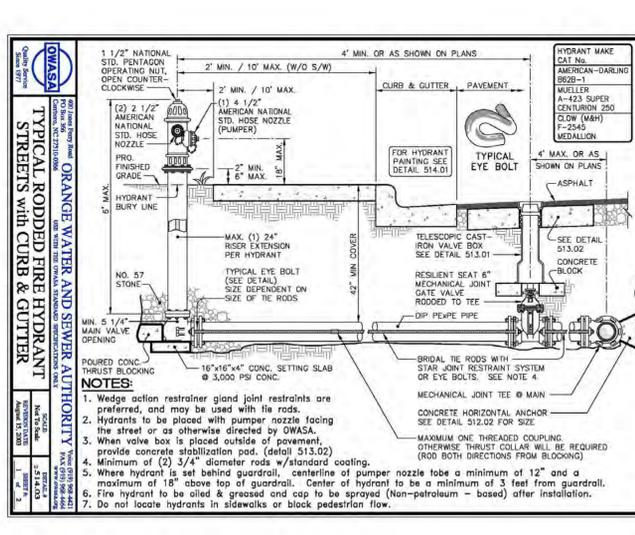
9 C805 NTS
OWASA STANDARD TAPPING SLEEVE AND VALVE



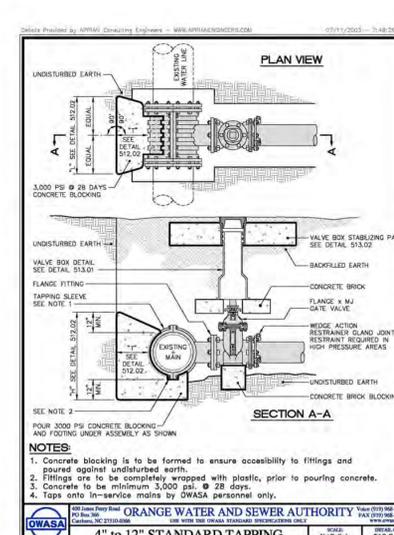
10 C805 NTS
OWASA FIRE HYDRANT PAINTING SPECS



11 C805 NTS
OWASA STANDARD BLOCKING DETAIL



12 C805 NTS
TYPICAL FIRE HYDRANT INSTALLATION



13 C805 NTS
TYPICAL BORE UNDER PAVED ROADS

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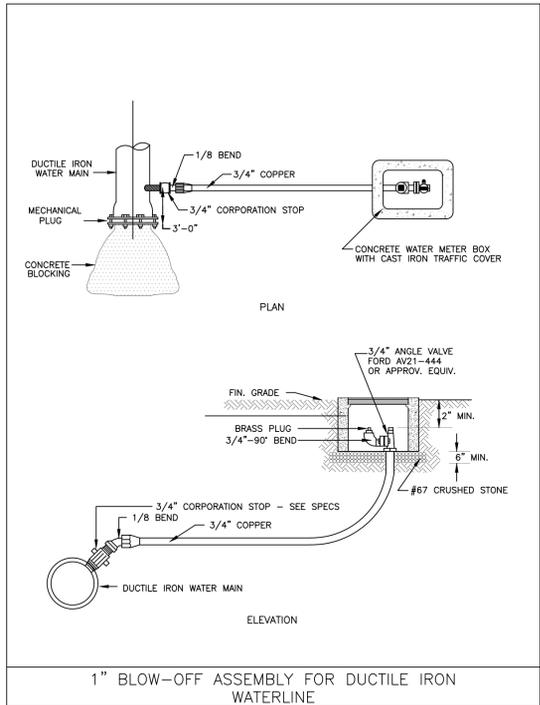
Project:
1200 MLK
SHEETZ & CLIMATE CONTROLLED STORAGE
 1200 & 1204
 Martin Luther King Jr. Boulevard
 Orange County,
 North Carolina

PN:
 9789297279
 9789392409

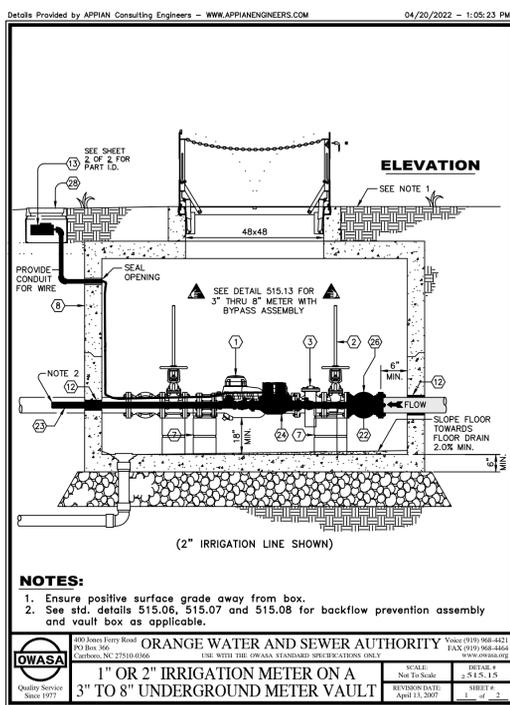
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 Checked: JSA, PBR
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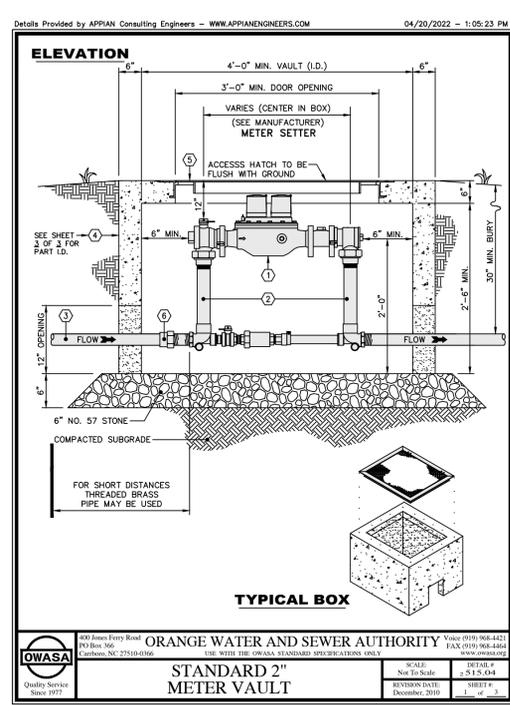
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 Sheet Title:
UTILITY DETAILS
 Sheet Number
C805



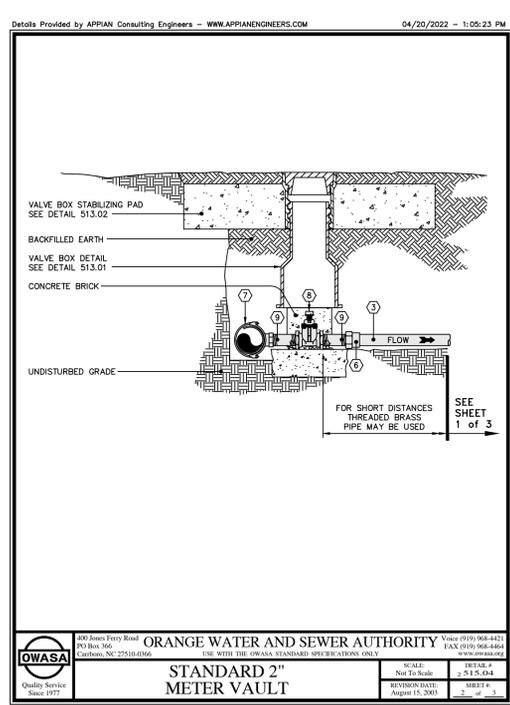
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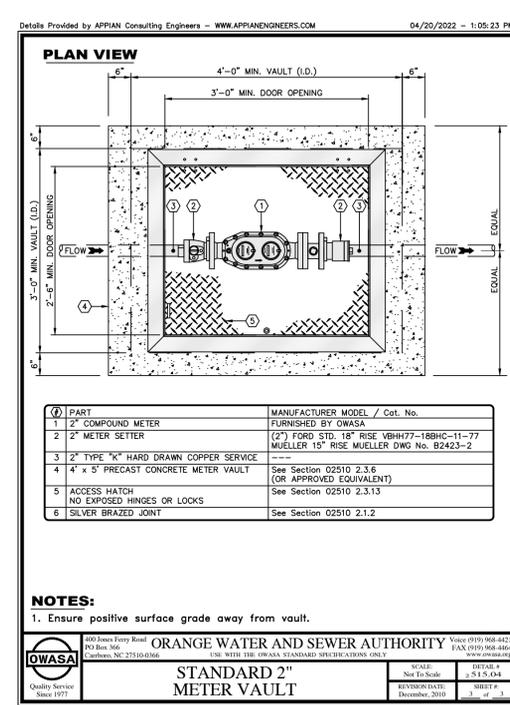
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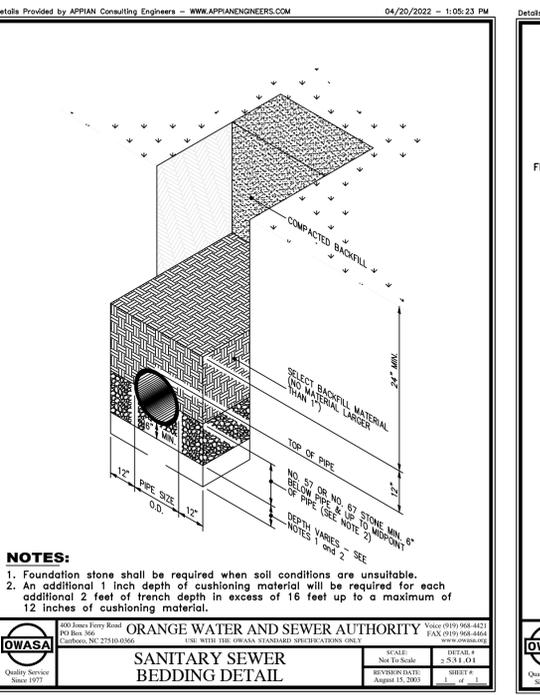
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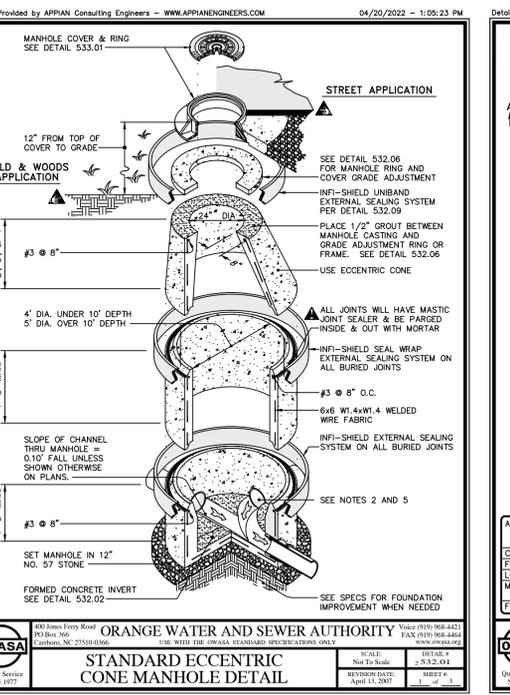
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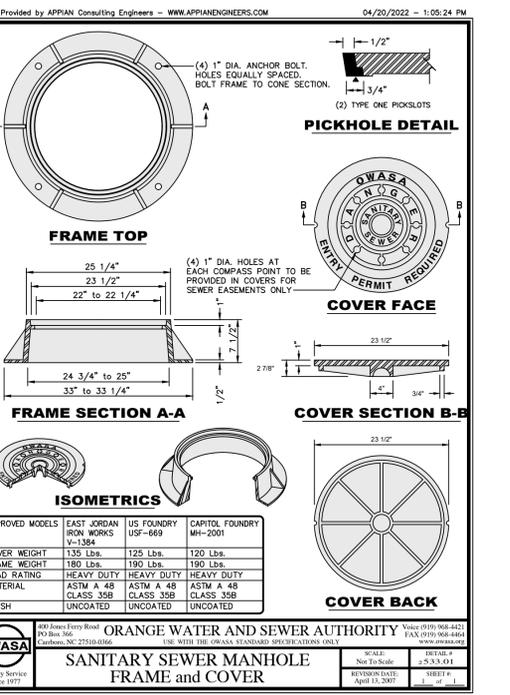
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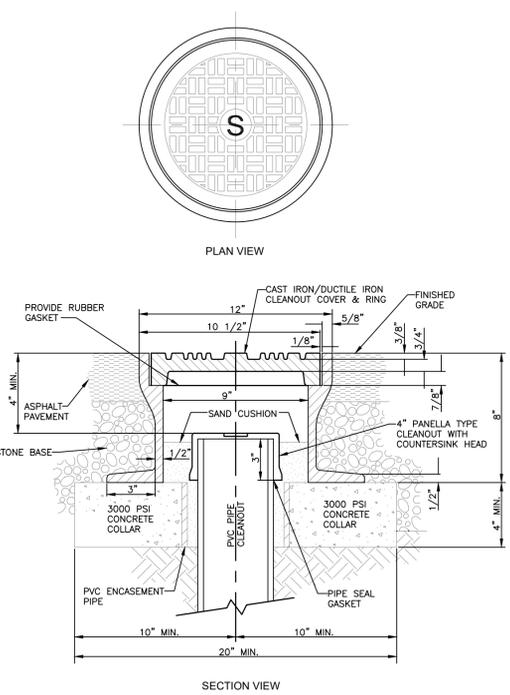
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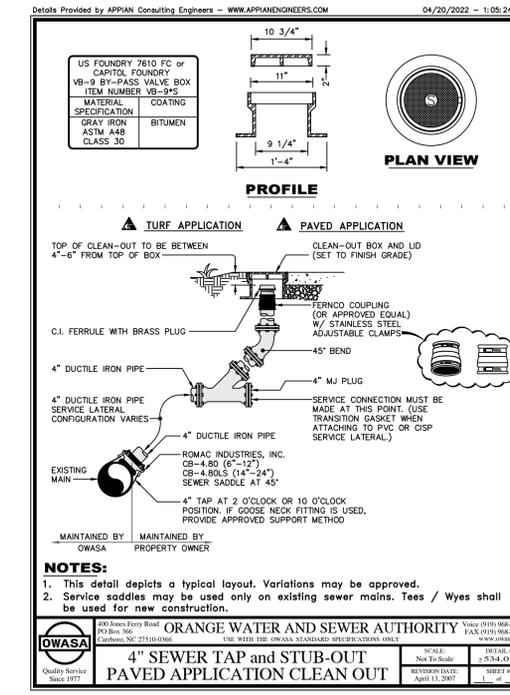
7
C806 STANDARD MANHOLE
NTS



8
C806 STANDARD MANHOLE FRAME AND GRATE
NTS



9
C806 TRAFFIC BEARING CLEAN-OUT
NTS



9
C806 4" SEWER SERVICE
NTS

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Project:
1200 MLK

SHEETZ & CLIMATE CONTROLLED STORAGE

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C806



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	04-22-2022 ZCP SUB #4

Zoning Compliance Permit

Sheet Title:

STORM PIPING DETAILS

Sheet Number
C807

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET OF 2
840.02

GENERAL NOTES:
USE CLASS 8" CONCRETE THROUGHOUT.
PROVIDE ALL CATCH BASINS OVER 2'-0" IN DEPTH WITH STEPS 12" ON CENTER. USE STEPS WHICH COMPLY WITH STD. DRAWING 840.66. OPTIONAL CONSTRUCTION - MONOLITHIC POUR, 2" KEYWAY, OR #4 BAR DOMELS AT 12" SPACES AS SPECIFIED BY THE PRIOR WORK.
IF REINFORCED CONCRETE PIPE IS SET IN BOTTOM SLAB OF BOX, ADD TO SLAB AS SHOWN ON STD. NO. 840.02.
USE TYPE "C" 1" AND "D" GRATES UNLESS OTHERWISE INDICATED.
FOR 8'-0" IN HEIGHT OR LESS USE 6" WALLS AND BOTTOM SLAB. OVER 8'-0" TO 16'-0" IN HEIGHT USE 8" WALLS AND BOTTOM SLAB. ADJUST QUANTITIES ACCORDINGLY.
CONSTRUCT WITH PIPE CROWNS MATCHING.
CHAMFER ALL EXPOSED CORNERS 1".
DRAWING NOT TO SCALE.

MINIMUM DIMENSIONS AND QUANTITIES FOR CONCRETE CATCH BASINS BASED ON MIN. HEIGHT, H, WITH NO RISER ¹		CONCRETE SLAB IN BOX		REDUCTIONS ONE PIPE	
PIPE	COVER	NO. BARS	NO. BARS	NO. BARS	NO. BARS
12"	2'-0"	2	2	2	2
15"	2'-0"	2	2	2	2
18"	2'-0"	2	2	2	2
24"	2'-0"	2	2	2	2
30"	2'-0"	2	2	2	2
36"	2'-0"	2	2	2	2
42"	2'-0"	2	2	2	2
48"	2'-0"	2	2	2	2
54"	2'-0"	2	2	2	2

¹ RISER HAS 228 CUBIC YARDS OF CONCRETE PER FOOT HEIGHT

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET OF 2
840.02

TITLE: CATCH BASIN - TOP VIEW & SIDE VIEW
DET. NO. SD-6

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET OF 2
840.02

TITLE: CURB INLET HOOD AND COVER
DET. NO. SD-5C

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET OF 2
840.02

TITLE: CURB INLET HOOD AND COVER
DET. NO. SD-5C

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET OF 2
840.02

TITLE: MANHOLE RING & COVER - TYPE 1
DET. NO. SD-4A

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET OF 2
840.02

TITLE: MANHOLE RING & COVER - TYPE 2
DET. NO. SD-4B

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET OF 2
840.02

TITLE: JUNCTION BOX DETAIL
DET. NO. SD-3

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET OF 2
840.02

1/C807
CURB INLET DETAILS
N.T.S.

TITLE: ROOF LEADER PIPING CLEAN-OUT
N.T.S.

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET OF 2
840.02

2/C807
JUNCTION BOX DETAILS
N.T.S.

TITLE: FLARED END SECTION
DET. NO. SD-7

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET OF 2
840.02

3/C807
ROOF LEADER PIPING CLEAN-OUT
N.T.S.

TITLE: RIPRAP APRON DETAIL
N.T.S.

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR CONCRETE CATCH BASIN
12" THRU 54" PIPE

SHEET OF 2
840.02

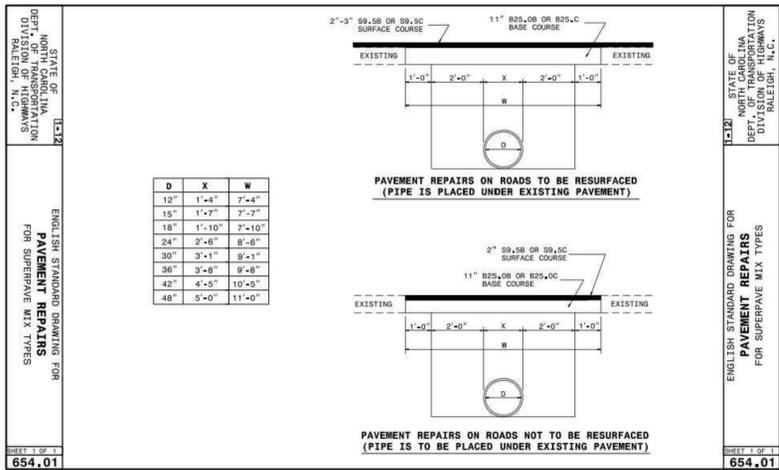
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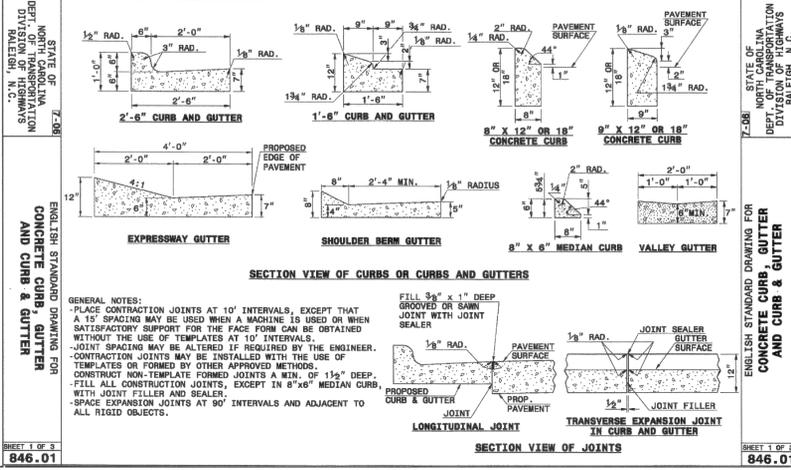
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SCHEDULE

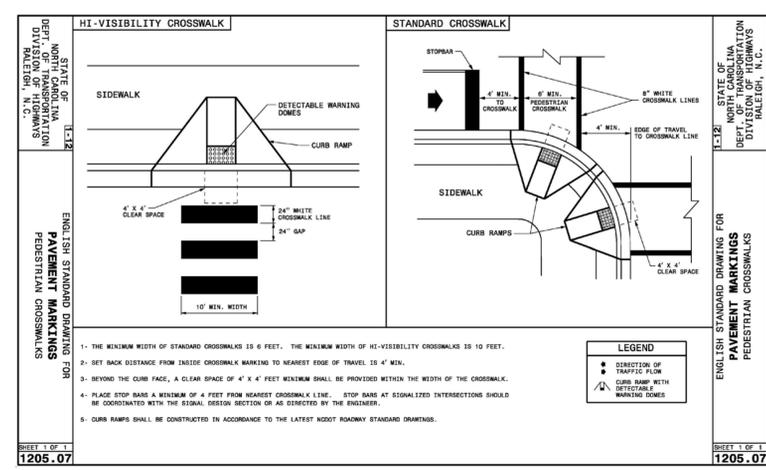
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FES-22	10	7.8	26	CL. 1



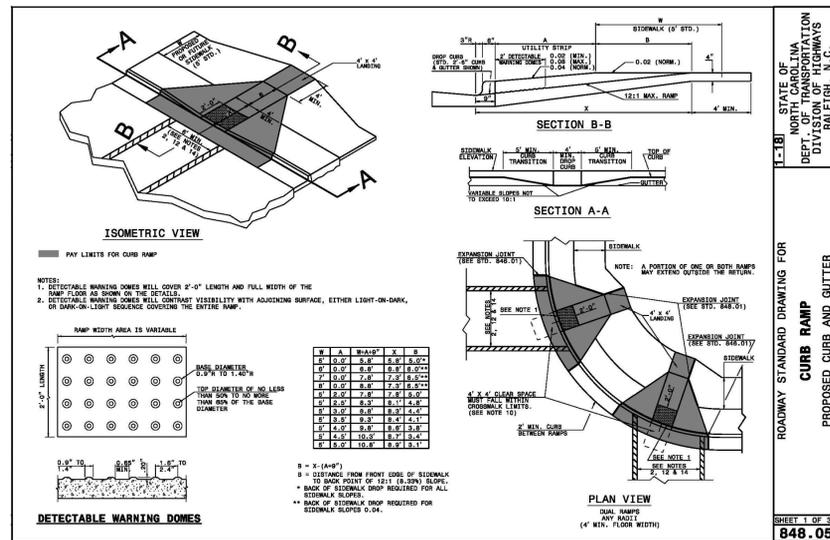
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C808 NTS



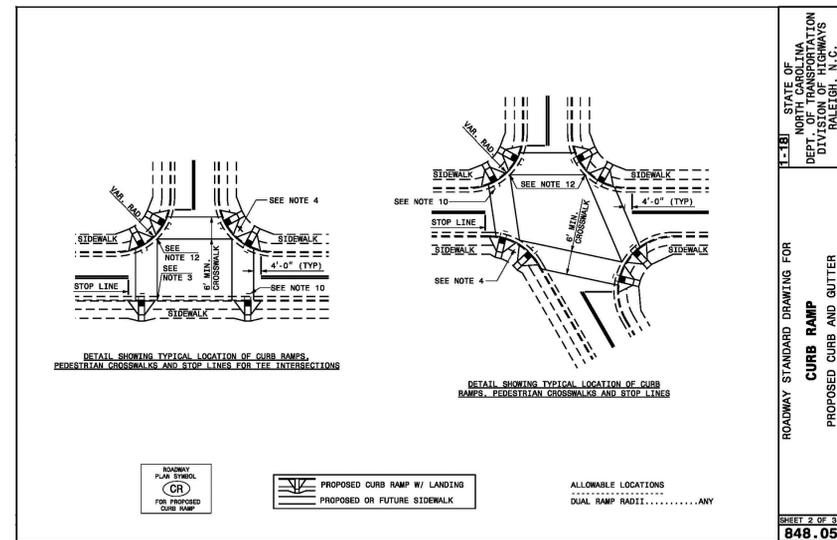
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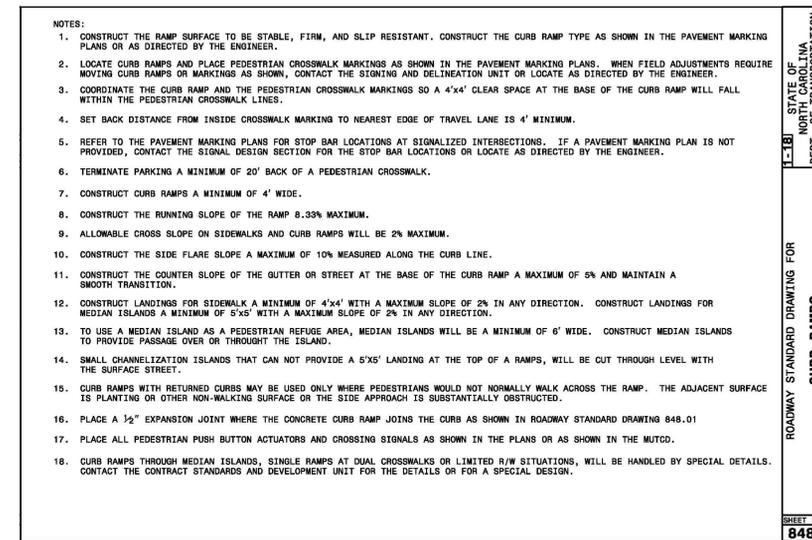
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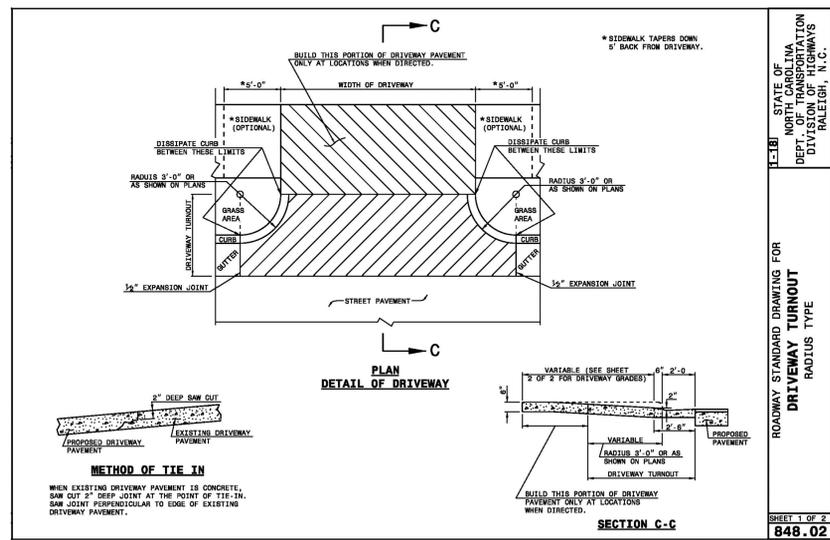
4 NCDOT ADA RAMP
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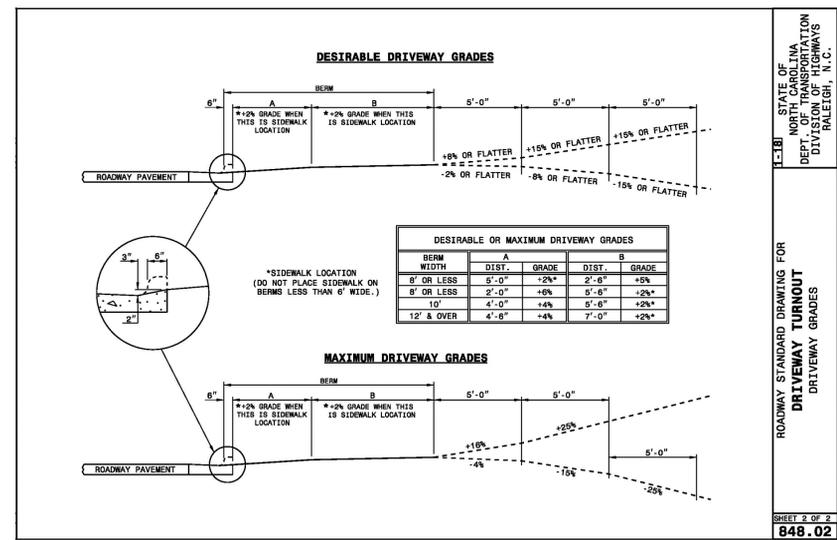
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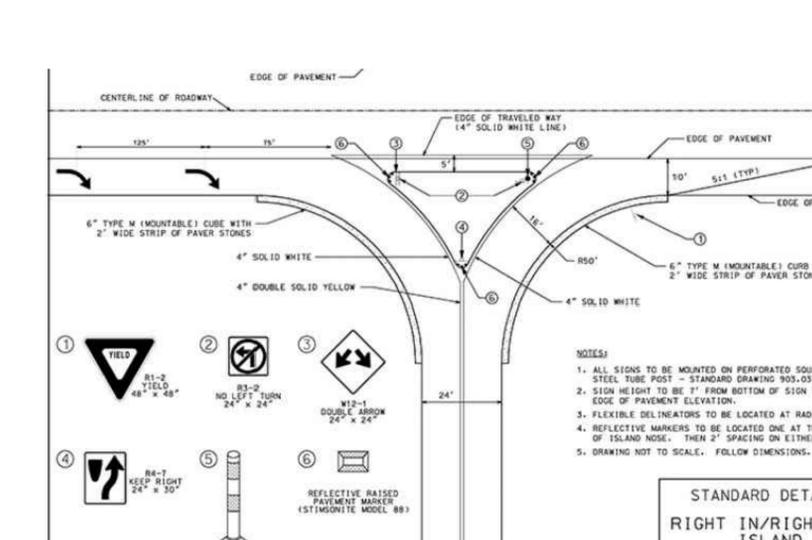
CROSSWALK MARKING
C808 NTS



5 NCDOT DRIVEWAY
C808 NTS



CONCRETE CURB AND GUTTER
C808 NTS



RIGHT-IN / RIGHT OUT SIGNAGE
C808 NTS

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1200 MLK

SHEETZ & CLIMATE CONTROLLED STORAGE

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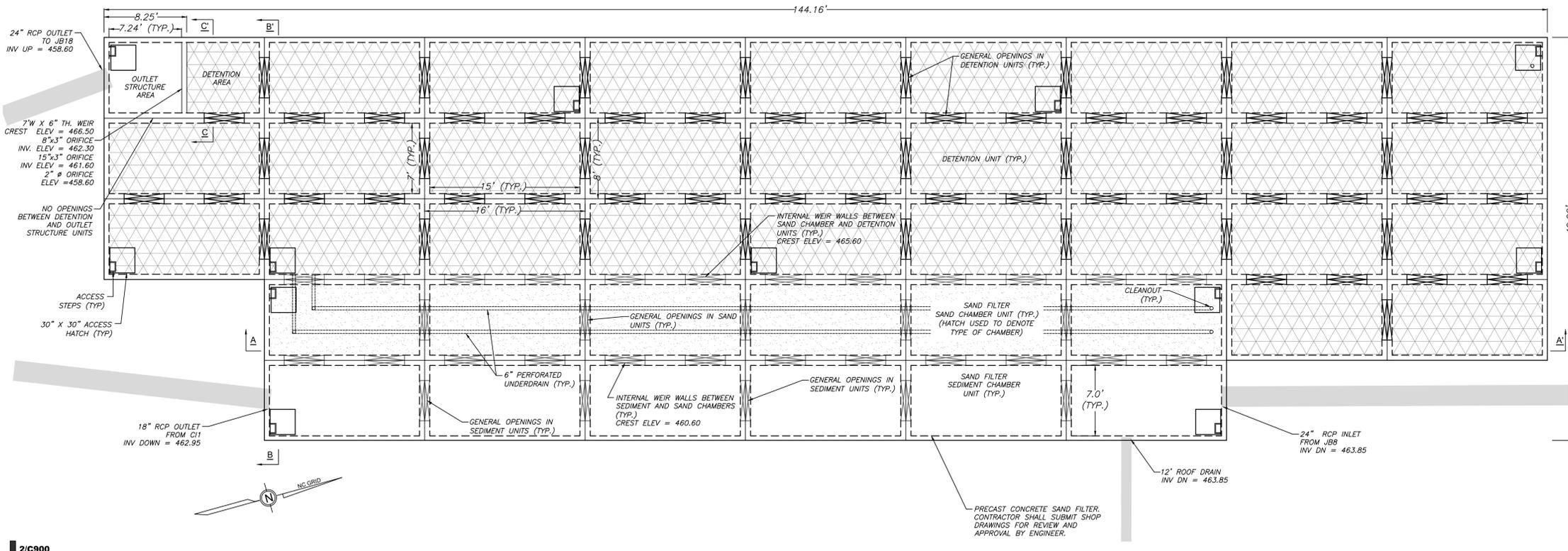
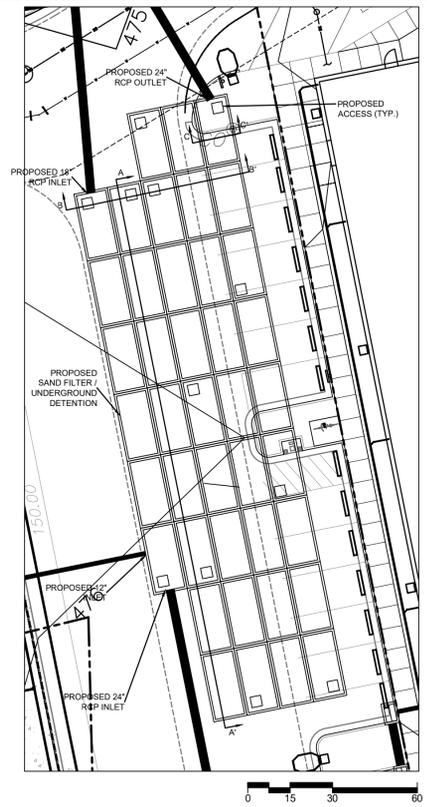
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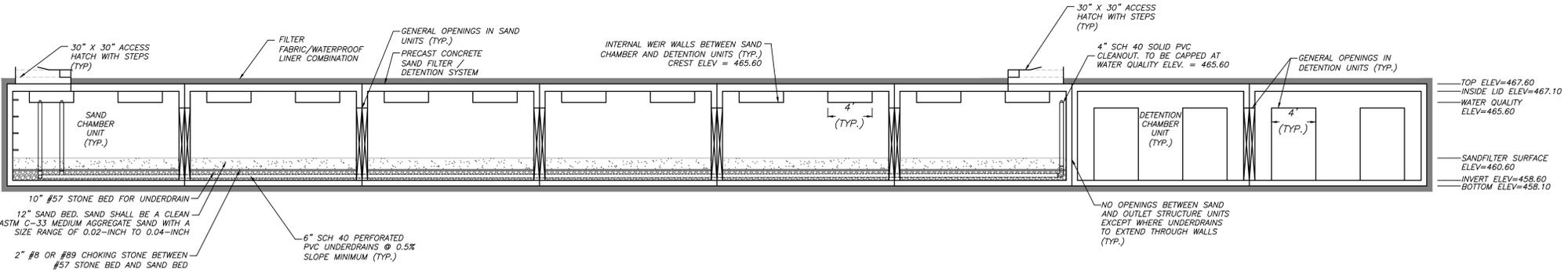
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Sheet Number
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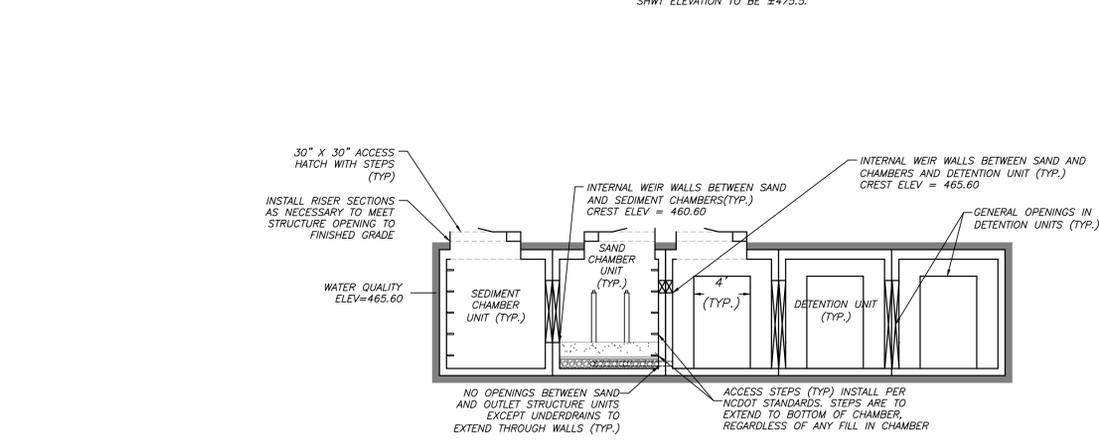


**2/C900
SAND FILTER DETAIL
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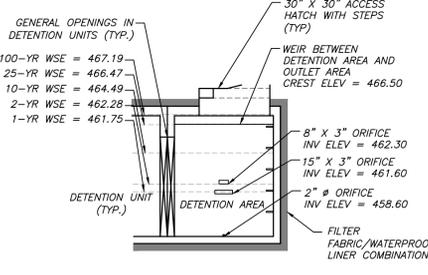


**3/C900
SAND FILTER SECTION A-A'
N.T.S.**

THE SEASONAL HIGH WATER TABLE (SHWT) ELEVATION IS APPROXIMATELY 6.5 FEET BELOW THE EXISTING GRADE, PER SHWT DETERMINATION BY GEOTECHNICAL ENGINEER. THIS PLACES THE SHWT ELEVATION TO BE ±475.5.



**3/C900
SAND FILTER SECTION B-B'
N.T.S.**



**4/C900
SAND FILTER SECTION C-C'
N.T.S.**

- NOTES:
- PRE-CAST CONCRETE STRUCTURES ARE ACCEPTABLE FOR THESE SYSTEMS. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF STRUCTURES INCLUDING SEALED ENGINEERING DRAWINGS FOR APPROVAL BY OWNER. STRUCTURE SHALL BE WATER-TIGHT.
 - ALL PRECAST CONCRETE STRUCTURES, GRATES, COVERS, AND CONNECTIONS ARE TO BE RATED FOR H-20 LOADING (MINIMUM). CONTRACTOR TO PROVIDE VERIFICATION.
 - ACCESS STEPS SHALL BE PROVIDED AT ALL ACCESS PORTS.
 - ALL BACKFILL MUST BE COMPACTED TO 98% (MIN.) ALL BACKFILL AND UNDERLYING SOILS FOR STORMWATER FACILITIES MUST BE OBSERVED AND CERTIFIED BY A GEOTECHNICAL ENGINEER THAT IS A REGISTERED NCFPE. SANDFILTER SHALL NOT BE BROUGHT ONLINE UNTIL UPSTREAM CONSTRUCTION ACTIVITIES ARE COMPLETE AND THE ENTIRE DRAINAGE AREA IS STABILIZED.
 - THE SYSTEM SHALL REMAIN WATER-TIGHT FOR THE MAXIMUM HYDROSTATIC PRESSURE, CALCULATED ON THE UPSTREAM SIDE OF THE CONTROL STRUCTURE, EXPERIENCED IN THE 10-YEAR STORM EVENT. THIS REQUIREMENT CAN BE SATISFIED BY COMPLYING WITH THE FOLLOWING METHOD.
 - PLUG OR BLOCK ALL ORIFICES AND WEIRS THAT WOULD ACTIVATE DURING A 10-YEAR STORM. SHUT OFF ANY PUMPS ASSOCIATED WITH THE DEVICE, WAIT FOR A COUPLE OF STORM EVENTS TO FILL THE DEVICE. MEASURE THE DEPTH OF WATER IN THE DEVICE AFTER 24 HOURS. IF NO APPRECIABLE WATER-LOSS (LESS THAN 1% BY VOLUME) HAS BEEN MEASURED/OBSERVED, THE DEVICE WILL BE DEEMED WATER-TIGHT. IF, HOWEVER, GREATER THAN 1% OF THE CAPTURED VOLUME HAS BEEN LOST IN 24 HOURS, THE FACILITY SHALL BE FIXED SUCH THAT COMPLIANCE WITH THIS REQUIREMENT HAS BEEN ACHIEVED.
 - THE MEDIA IN THE SAND FILTER SHALL BE CLEANED, WASHED COARSE MASONRY SAND, SUCH AS ASTM C33. THE SAND PARTICLES SHALL BE LESS THAN 2MM AVERAGE DIAMETER.
 - THE SEASONAL HIGH WATER TABLE (SHWT) ELEVATION IS APPROXIMATELY 6.5' BELOW THE EXISTING GRADE, PER SHWT DETERMINATION BY GEOTECHNICAL ENGINEER. THIS PLACES THE SHWT ELEVATION TO BE ±475.5 THE STATE REQUIRED 1' VERTICAL FEET OF SEPARATION BETWEEN THE UNDERGROUND FACILITY AND SHWT ELEVATION IS NOT MET. BOUANCY CALCULATIONS ARE INCLUDED IN THE REPORT; FLotation IS NOT AN ISSUE. A WATERPROOF LINER IS PROVIDED TO MITIGATE POSSIBLE ISSUES WITH DRAW-DOWN OF THE WATER TABLE.
 - PICTURES SHALL BE PROVIDED WITH AS-BUILTS.
 - INTERNAL WEIR WITH THE REQUIRED ORIFICES.
 - SANDFILTER UNDERDRAIN SYSTEM PRIOR TO MEDIA INSTALLATION.
 - INTERIOR OF THE SEDIMENT AND SAND CHAMBERS, ONCE COMPLETED.
 - OPENINGS BETWEEN THE SEDIMENT AND SAND CHAMBERS.
 - OPENINGS BETWEEN SAND FILTER AND DETENTION CHAMBERS.

21559

RKA PROJECT NO.

PROJECT NO.	SHEET NO.
21559	PMP - 1
APPROVED: _____	
DATE: _____	
SEAL	
	
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1200 MLK Redevelopment

PAVEMENT MARKING PLAN

CHAPEL HILL, NORTH CAROLINA
ORANGE COUNTY

LOCATION: NC 86 (MLK, JR. BLVD.) AT NORTHFIELD DRIVE

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE

GENERAL NOTES

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR DIRECTED BY THE ENGINEER.

- A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
ALL ROADS	THERMOPLASTIC	RAISED (IF EXISTING)
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE US IN LIEU OF EXTRUDED THERMOPLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS.

INDEX

SHEET NO.	DESCRIPTION
PMP-1	PAVEMENT MARKING PLAN COVER SHEET AND PAVEMENT MARKING SCHEDULE
PMP-2	PAVEMENT MARKING DETAILS

PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
THERMOPLASTIC(4", 90 MILS)	
T1	WHITE EDGELINE
T2	WHITE SOLID LANE LINE
T4	3 FT. - 9 FT./SP WHITE MINISKIP
T5	2 FT. - 6 FT./SP WHITE MINISKIP
T13	YELLOW DOUBLE CENTER
THERMOPLASTIC(8", 90 MILS)	
T40	WHITE GORELINE
T41	WHITE DIAGONAL
THERMOPLASTIC(24", 90 MILS)	
T61	WHITE STOPBAR
T62	WHITE CROSSWALK LINE
THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)	
T70	LEFT TURN ARROW
T71	RIGHT TURN ARROW
T74	COMBO. RIGHT/STRAIGHT ARROW

PLANS PREPARED BY: Ramey Kemp Associates

W. JASON HAMILTON, P.E., PTOE	PROJECT MANAGER
ZACHARY M. ESPOSITO, E.I., TCDS	PROJECT ENGINEER



APPROVED: _____

DATE: _____

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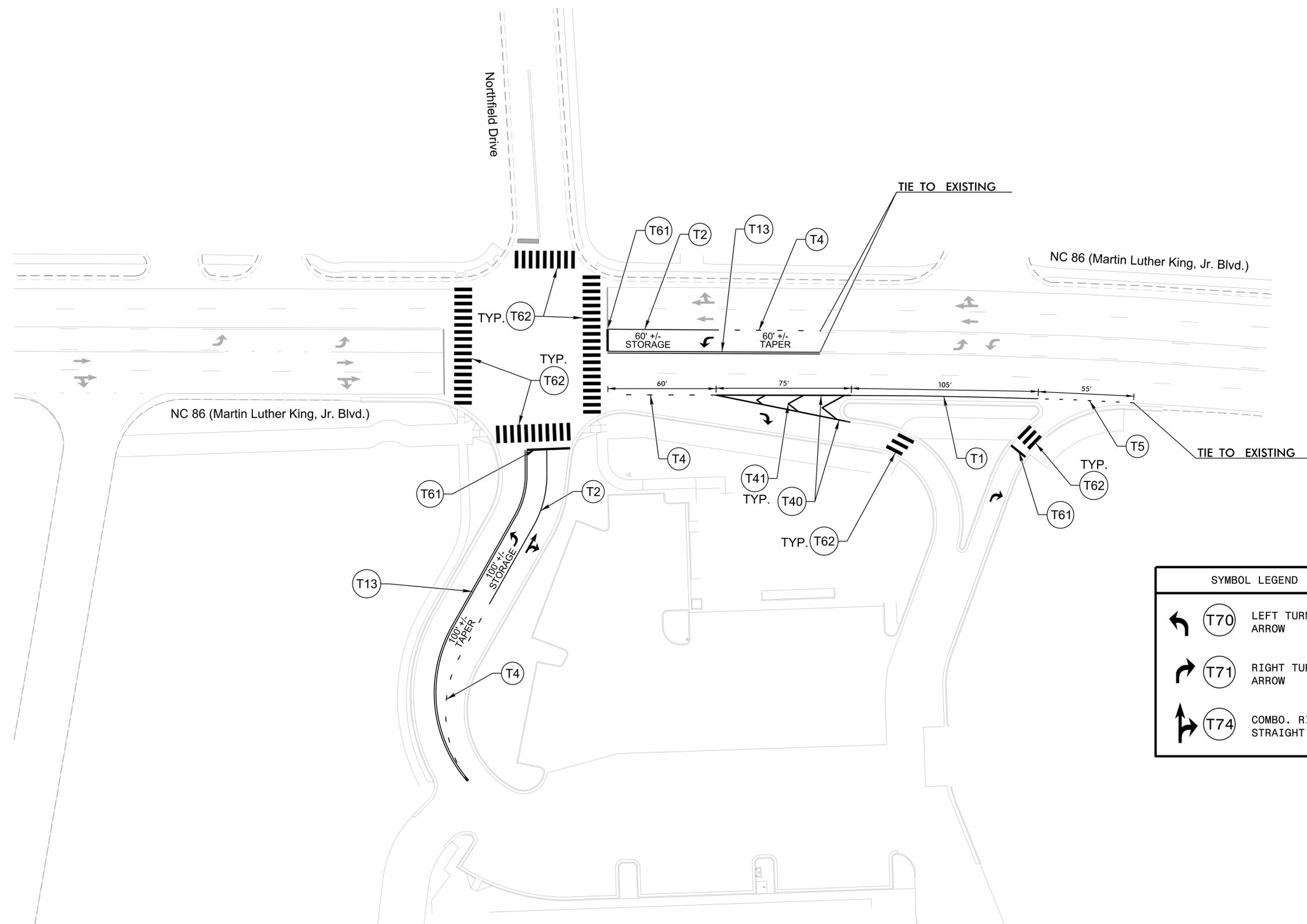
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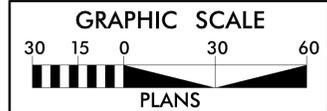
RAMEY KEMP ASSOCIATES

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Raleigh, North Carolina 27609
Phone: 919-872-5115

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SYMBOL LEGEND		
	(T70)	LEFT TURN ARROW
	(T71)	RIGHT TURN ARROW
	(T74)	COMBO. RIGHT / STRAIGHT ARROW



**PROPOSED
PAVEMENT MARKINGS**

