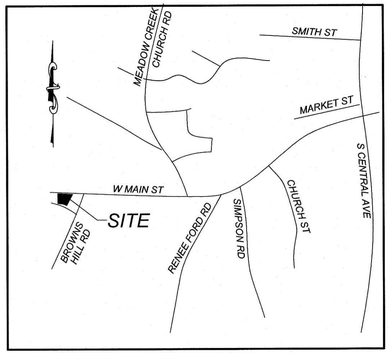

VICINITY MAP

NTS

Hwy55™

TRACK WEST PARTNERS
445 BISHOP ST NW
ATLANTA, GEORGIA
PHONE: (404) 913-9131
Matt@Trackwestpartners.com

SITE ADDRESS: 116 BROWN HILL ROAD
LOCUST, NORTH CAROLINA 28097

CSD PROJECT NUMBER: TRW-2115

SITE INFORMATION

SITE ADDRESS:	116 BROWNS HILL ROAD
PARCEL IDENTIFICATION NUMBER:	PORTION OF 37500 (TAX PARCEL)
DEVELOPER:	TRACK WEST PARTNERS 445 BISHOP ST NW ATLANTA, GEORGIA PHONE: (404) 913-9131
DESIGNER:	COMMERCIAL SITE DESIGN, PLLC 8312 CREEDMOOR ROAD RALEIGH, NORTH CAROLINA 27613 PHONE: (919) 848-6121 FAX: (919) 848-3741
ZONING:	H.C. HIGHWAY COMMERCIAL
EXISTING USE:	VACANT
PROPOSED USE:	RESTAURANT WITH DRIVE-THRU
BUILDING SETBACKS: FRONT ..... SIDE ..... REAR	 30 FEET 20 FEET 20 FEET
TOTAL SITE AREA: DISTURBED AREA: EXISTING IMPERVIOUS AREA: PROPOSED IMPERVIOUS AREA:	56,587 SF OR 1.29 ACRES 55,154 SF OR 1.26 ACRES 0 SF OR 0 ACRES 30,171 SF OR 0.69 ACRES
BUILDING AREA:	2,490 SF
WATER:	CITY OF LOCUST PUBLIC WORKS
SEWER:	CITY OF LOCUST PUBLIC WORKS

SHEET INDEX

C-1 EXISTING CONDITIONS / DEMOLITION PLAN
C-2 SITE PLAN
C-3 GRADING & EROSION CONTROL PLAN
C-4 NPDES STABILIZATION PLAN
C-5 NPDES DETAILS
C-6 UTILITY PLAN
C-7 LANDSCAPE PLAN
C-8 DETAILS
C-9 DETAILS
C-10 DETAILS
L-1 LIGHTING PLAN
A-1 EXTERIOR ELEVATION
A-2 EXTERIOR ELEVATION
A-3 DUMPSTER ENCLOSURE
A-4 DUMPSTER DETAILS
A-5 EQUIPMENT PLAN
A-6 COLOR RENDERING
A-7 3.0 FOOTPRINT

REVISIONS:

NO.	DATE	DESCRIPTION	BY
1			

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COMMERCIAL SITE DESIGN, PLLC REGISTERED CORPORATION P-0266 NORTH CAROLINA RALEIGH, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 24501 ENGINEER WILLIAM E. MARCHETT

COMMERCIAL SITE DESIGN
8312 CREEDMOOR ROAD
RALEIGH, NORTH CAROLINA 27613
PHONE: (919) 848-6121
WWW.CSITEDESIGN.COM

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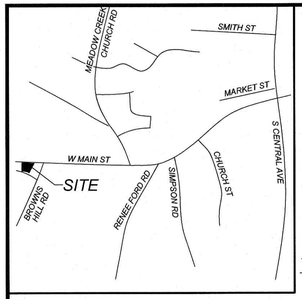
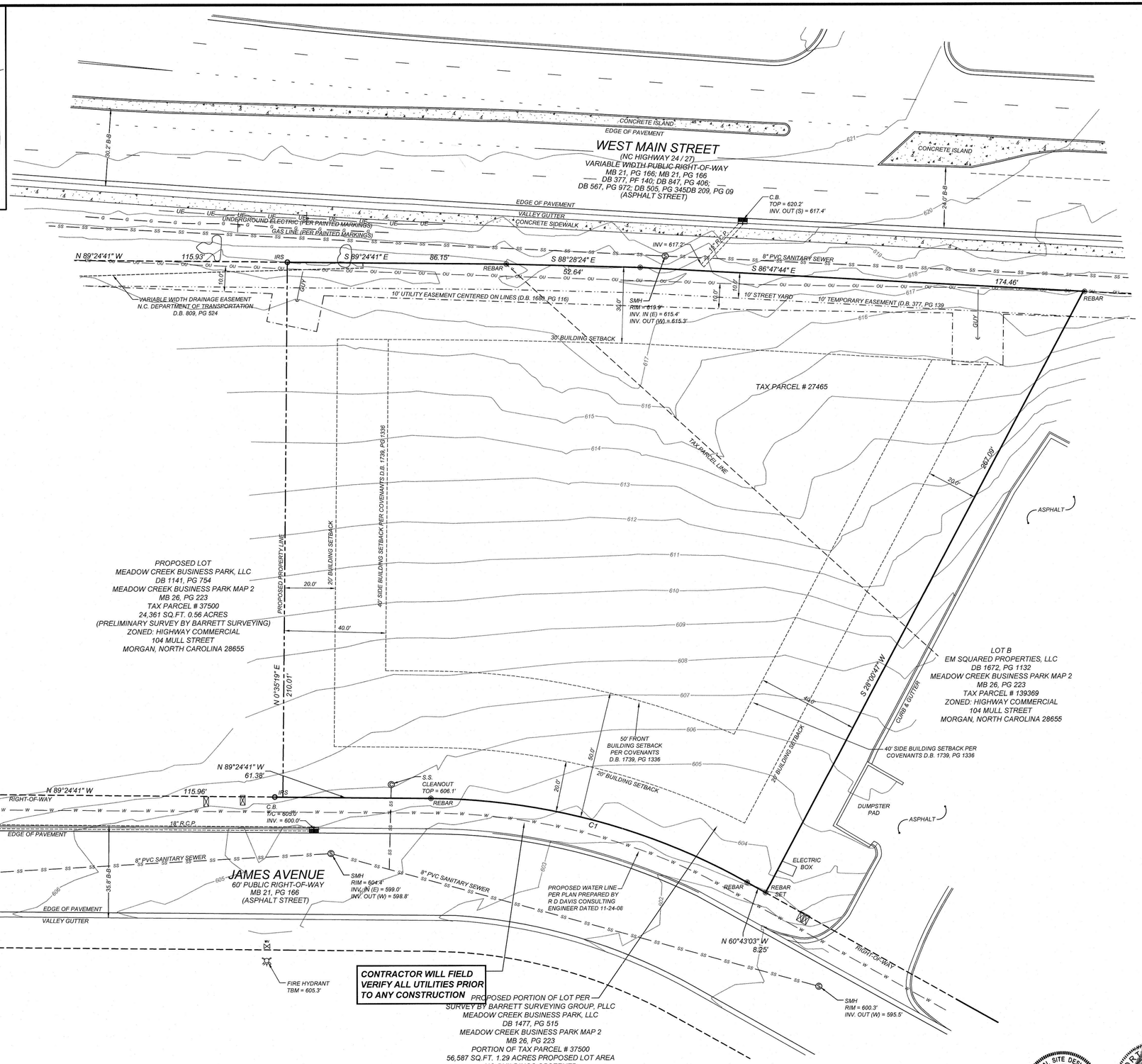


VICINITY MAP

NTS



CONTRACTOR WILL FIELD VERIFY ALL UTILITIES PRIOR TO ANY CONSTRUCTION

LEGEND

- EXISTING IRON PIPE
- IRON PIPE SET
- BORE HOLE
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- WATER VALVE
- WATER METER
- FIRE HYDRANT
- TELEPHONE PEDESTAL
- TELEPHONE MANHOLE
- ELECTRIC BOX
- LIGHT POLE
- POWER POLE
- CURB INLET
- STORM DRAINAGE MANHOLE
- YARD INLET
- STORM DRAIN
- OU — OVERHEAD UTILITIES
- UE — UNDERGROUND ELECTRIC
- UT — UNDERGROUND TELEPHONE
- W — WATER LINE
- SS — SANITARY SEWER LINE
- G — GAS LINE
- X — FENCE LINE

DEMOLITION KEYNOTES:

1. REMOVE EXISTING ITEM, COORDINATE REMOVAL WITH APPLICABLE FEDERAL, STATE, COUNTY, CITY, LOCAL AGENCIES OR LOCAL UTILITY COMPANY.
2. RELOCATE EXISTING ITEM, COORDINATE RELOCATION WITH APPLICABLE FEDERAL, STATE, COUNTY, CITY, LOCAL AGENCIES OR LOCAL UTILITY COMPANY.
3. ITEM TO REMAIN.

SAWCUT LINE

GENERAL NOTES:

1. THE INFORMATION SHOWN HEREIN WAS TAKEN FROM A TOPOGRAPHIC SURVEY PREPARED BY:

   COMMERCIAL SITE DESIGN, PLLC
   8312 CREEDMOOR ROAD
   RALEIGH, NC 27613
   PHONE: (919) 848-6121
   R D DAVIS CONSULTING ENGINEERS, PLLC, DATED 11-24-2008

2. THE LOCATIONS OF ALL UTILITIES SHOWN ON THESE PLANS ARE BASED ON THE AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UTILITIES WITH THE UTILITY OWNERS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

FLOOD INFORMATION

SUBJECT PROPERTY IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD ZONE. IT IS LOCATED IN ZONE "X" AS DEFINED BY HUD F.I.R.M. COMMUNITY PANEL NUMBER 3710556500L, WITH AN EFFECTIVE DATE OF NOVEMBER 16, 2018.

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COMMERCIAL SITE DESIGN, PLLC
REGISTERED CORPORATION
NORTH CAROLINA
P-0266
RALEIGH, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 24501 ENGINEER LIANA K. BUCHETT
2/9/22

GRAPHIC SCALE
20 0 10 20 40
1 inch = 20 ft.

NAD_83(2011)

REVISIONS			
NO.	DATE	DESCRIPTION	BY

COMMERCIAL SITE DESIGN
PHONE: (919) 848-6121
WWW.CSITEDESIGN.COM
8312 CREEDMOOR ROAD
RALEIGH, NORTH CAROLINA 27613

CLIENT/OWNER:
TRACK WEST PARTNERS
445 BISHOP ST NW
ATLANTA, GA 20318
PHONE: (404)913-9131

Hwy 55 116 BROWNS HILL ROAD
LOCUST, NORTH CAROLINA

EXISTING CONDITIONS / DEMOLITION PLAN

PROJECT NO:	TRW-2115
FILENAME:	TRW2115-DP
DRAWN BY:	STH
SCALE:	1" = 20'
DATE:	10/15/2021
SHEET NO.	C-1

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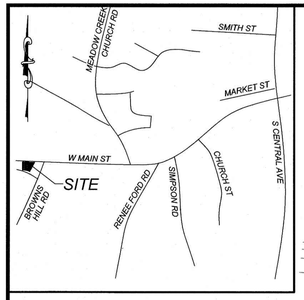
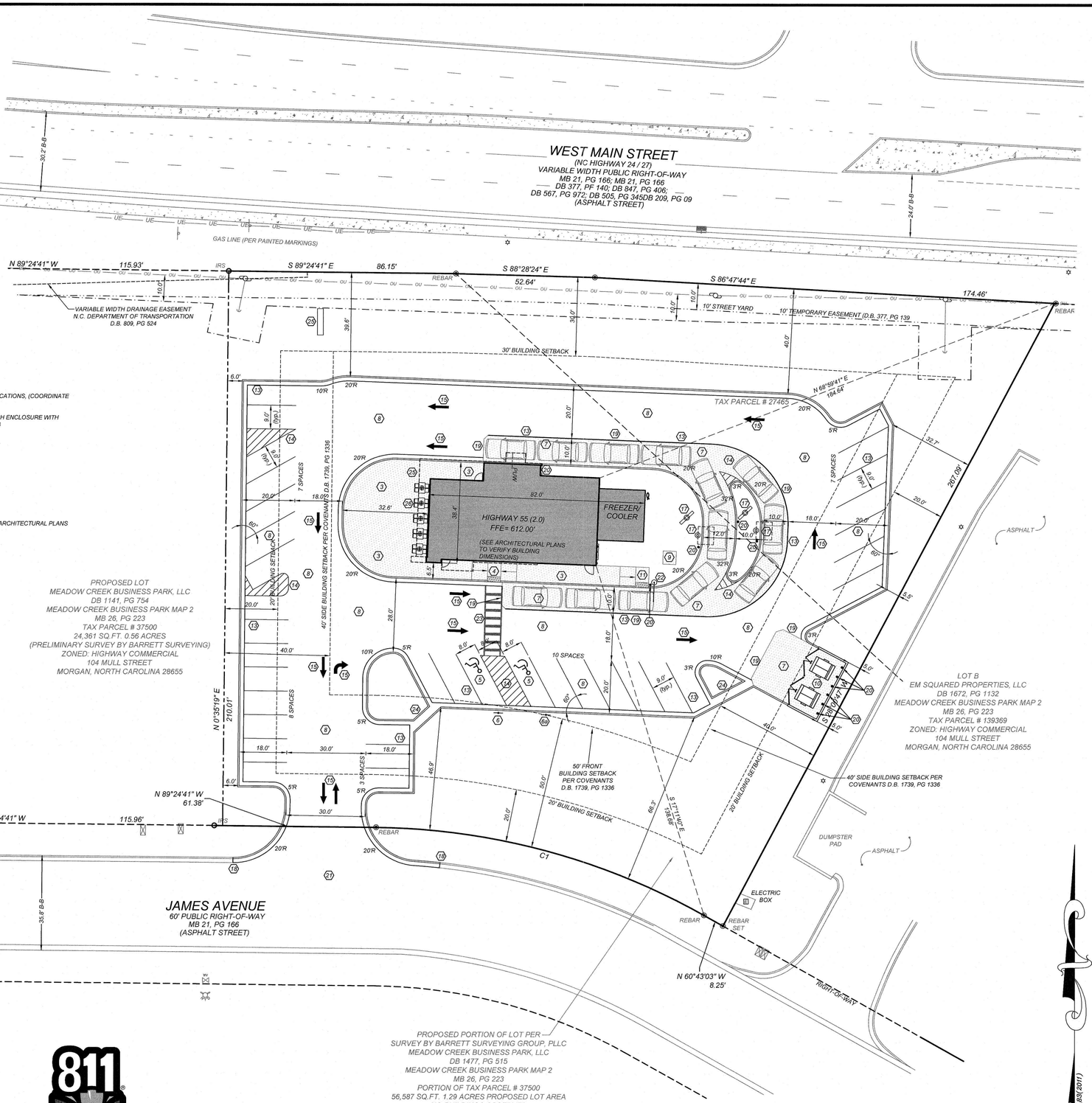


VICINITY MAP
NTS

SITE KEYNOTES:

1. CONSTRUCT 2.0' CONCRETE SPILLING CURB AND GUTTER PER DETAIL SHEET
2. CONSTRUCT 2.0' CONCRETE CATCHING CURB AND GUTTER PER DETAIL SHEET
3. CONSTRUCT CONCRETE SIDEWALK PER DETAIL SHEET
4. CONSTRUCT CONCRETE HANDICAP RAMP PER DETAIL SHEET
5. HANDICAP PARKING STALL
6. INSTALL HANDICAP PARKING SIGN PER DETAIL SHEET
6a. INSTALL "VAN" ACCESSIBLE HANDICAP PARKING SIGN PER DETAIL SHEET
7. CONCRETE PAVEMENT PER DETAIL SHEET
8. ASPHALT PAVEMENT PER DETAIL SHEET
9. TRANSFORMER PAD BY GENERAL CONTRACTOR, PER ELECTRIC COMPANY SPECIFICATIONS, (COORDINATE SIZE AND LOCATION WITH UTILITY COMPANY)
10. CONSTRUCT DUMPSTER PAD, MINIMUM 6" CONCRETE WITH 4" ABC BASE, AND TRASH ENCLOSURE WITH GATES, SEE ARCHITECTURAL SHEETS FOR DETAIL, MATERIALS TO MATCH BUILDING
11. DELIVERY LAMP
12. POLE MOUNTED AREA LIGHT, SEE LIGHTING PLAN
13. PAINT 4" WIDE STRIPE, WHITE
14. PAINT 4" WIDE STRIPE @ 45°, 2 FEET APART
15. PAINT TRAFFIC ARROWS PER DETAIL SHEET
16. SITE IDENTIFICATION SIGN
17. MENU BOARD, SPEAKER POST AND CANOPY, COORDINATE WITH OWNER AND SEE ARCHITECTURAL PLANS
18. MATCH EXISTING CURB & GUTTER
19. ASPHALT/CONCRETE TRANSITION PER DETAIL
20. INSTALL STEEL PIPE BOLLARD PER DETAIL SHEET
21. MATCH EXISTING ASPHALT PAVEMENT
22. CLEARANCE BAR, COORDINATE WITH OWNER AND SEE ARCHITECTURAL PLANS
23. PAINT CROSSWALK PER DETAIL SHEET
24. CONCRETE FLUME PER DETAIL SHEET
25. 8' HIGH, 32 SF MONUMENT SIGN
26. PATIO SEATING, COORDINATE WITH ARCHITECT



SITE LEGEND

- SPILL CURB
- HANDICAP RAMP
- HANDICAP STALL
- CONCRETE
- PROPERTY LINE
- SIGN
- BOLLARD
- EX. FIRE HYDRANT
- —X—X— FENCE
- POLE MOUNTED AREA LIGHT
- PROPERTY CORNER
- F.F.E. = XXX.XX FINISH FLOOR ELEVATION

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CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	BEARING	CHORD	TANGENT
C1	129.99'	260.00'	28.65°	N75°02'26"W	128.64'	66.38'

GRAPHIC SCALE
1 inch = 20 ft.

GENERAL NOTES:

1. THE INFORMATION SHOWN HEREIN WAS TAKEN FROM A TOPOGRAPHIC SURVEY PREPARED BY:
   COMMERCIAL SITE DESIGN, PLLC
   8312 CREEDMOOR ROAD
   RALEIGH, NC 27613
   PHONE: (919) 848-6121
   R D DAVIS CONSULTING ENGINEERS, PLLC, DATED 11-24-2008
2. THE LOCATIONS OF ALL UTILITIES SHOWN ON THESE PLANS ARE BASED ON THE AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UTILITIES WITH THE UTILITY OWNERS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
3. ALL HANDICAP SITE FEATURES SHALL BE CONSTRUCTED TO MEET ALL FEDERAL, STATE AND LOCAL CODES.
4. ANY DISCREPANCY IN THIS PLAN AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER PRIOR TO START OF CONSTRUCTION. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL SETBACKS, EASEMENTS, AND DIMENSIONS SHOWN HEREON BEFORE BEGINNING CONSTRUCTION.
5. PRIOR TO STARTING CONSTRUCTION, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL PLANS AND ANY OTHER DOCUMENTATION FROM ALL OF THE PERMITTING AND ANY OTHER REGULATORY AUTHORITIES. FAILURE OF THE CONTRACTOR TO FOLLOW THIS PROCEDURE SHALL CAUSE THE CONTRACTOR TO ASSUME FULL RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATION OF THE WORK MANDATED BY ANY REGULATORY AUTHORITY. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND APPLICABLE STATE, COUNTY AND LOCAL CODES.
6. THE GENERAL CONTRACTOR SHALL CONTACT ALL OWNERS OF EASEMENTS, UTILITIES AND RIGHT-OF-WAYS, PUBLIC OR PRIVATE, PRIOR TO WORKING IN THESE AREAS.
7. CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.
8. ACCESS TO UTILITIES, FIRE HYDRANTS, STREET LIGHTING, ETC., SHALL REMAIN UNDISTURBED, UNLESS COORDINATED WITH RESPECTIVE UTILITY.
9. CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL INSIDE OR OUTSIDE CONTRACT LIMITS DUE TO CONSTRUCTION OPERATIONS.
10. ALL DIMENSIONS ARE TO THE FACE OF CURB, UNLESS OTHERWISE NOTED.
11. DO NOT SCALE THIS DRAWING AS IT IS A REPRODUCTION AND SUBJECT TO DISTORTION.
12. THE GENERAL CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT AND AT LEAST ONCE A WEEK DURING CONSTRUCTION.
13. THE GENERAL CONTRACTOR SHALL KEEP THE AREA OUTSIDE THE "CONSTRUCTION LIMITS" BROOM CLEAN AT ALL TIMES.
14. GENERAL CONTRACTOR WILL ERECT AND ILLUMINATE A SITE IDENTIFICATION SIGN, PER OWNER'S SPECIFICATION. COORDINATE LOCATION WITH OWNER'S REPRESENTATIVE
15. FINISH CURB AND WALK ELEVATIONS SHALL BE 6" ABOVE FINISH PAVEMENT GRADE UNLESS NOTED DIFFERENT ON PLAN.
16. CONTRACTOR SHALL ENSURE THAT ADEQUATE SITE LIGHTING IS PROVIDED PER OWNER'S SPECIFICATIONS.
17. ALL RADII DIMENSIONS ARE TO FACE OF CURB.
18. ALL UTILITIES TO SERVICE BUILDING SHALL BE UNDERGROUND ON SITE, UNLESS OTHERWISE INDICATED.
19. ALL STREET SURFACES, DRIVEWAYS, CULVERTS, CURB AND GUTTERS, ROADSIDE DRAINAGE DITCHES AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.
20. ALL DISTURBED AREAS SHALL HAVE TEMPORARY SEEDING AND MULCHING. ALL AREAS THAT ARE PLANNED TO BE BARE FOR MORE THAN 45 DAYS SHALL BE SEEDED AND MULCHED WITHIN SEVEN (7) DAYS.
21. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES. THE LOCATION OF ALL EXISTING UTILITIES ARE NOT NECESSARILY SHOWN ON THE PLANS AND WHERE SHOWN ARE ONLY APPROXIMATE. THE CONTRACTOR SHALL ON HIS INITIATIVE AND AT NO EXTRA COSTS HAVE LOCATED ALL UNDERGROUND LINES AND STRUCTURES AS NECESSARY. NO CLAIMS FOR DAMAGES OR EXTRA COMPENSATION SHALL ACCRUE TO THE CONTRACTOR FROM THE PRESENCE OF SUCH PIPE, OTHER OBSTRUCTIONS OR FROM ANY DELAY DUE TO REMOVAL OR REARRANGEMENT OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND STRUCTURES. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL NON-SUBSCRIBING UTILITIES. THE CONTRACTOR(S) SHALL CONTACT NORTH CAROLINA "811" AT 800-632-4949 FOR ASSISTANCE IN LOCATING EXISTING UTILITIES. CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.
22. ALL LOT STRIPING AND DIRECTIONAL ARROWS TO BE WHITE REFLECTIVE MARKINGS AND SHALL CONFORM TO LOCAL REGULATIONS.
23. COMPACTION AND MAINTENANCE OF PROPER MOISTURE CONTENT OF THE SOIL UNDER BUILDINGS AND PAVED AREAS SHALL BE ACCOMPLISHED TO ACHIEVE 95 % OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY OR AS RECOMMENDED IN THE SOIL REPORT.
24. THE CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING PRIOR TO CONCEALMENT. DRAWINGS SHALL BE GIVEN TO THE OWNER UPON COMPLETION OF THE PROJECT WITH A COPY OF THE TRANSMITTAL LETTER TO THE ENGINEER.
25. BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL REVIEW ALL PLANS AND SPECIFICATIONS AND THE JOB SITE. THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER WHO PREPARED THE PLANS OF ANY DISCREPANCIES THAT MAY REQUIRE MODIFICATIONS TO THESE PLANS OR OF ANY FIELD CONFLICTS.
26. ALL PERMITS RELATIVE TO THE PROJECT MUST BE OBTAINED, PRIOR TO CONSTRUCTION. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND APPLICABLE STATE, COUNTY AND LOCAL CODES.
27. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL BUILDING DIMENSIONS.
28. ALL PARKING LOT DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
29. CONTRACTOR SHALL COORDINATE EXACT SIZE OF HVAC CONCRETE PADS WITH MECHANICAL CONTRACTOR. REFER TO MECHANICAL PLANS FOR DETAILS.
30. ALL SEEDING, TEMPORARY AND PERMANENT, TO BE INSTALLED TO LOCAL REGULATIONS AND STANDARD PRACTICES.
31. ALL ROAD WORK SHALL BE PERFORMED IN ACCORDANCE WITH "THE CURRENT EDITION OF THE STATE DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS SPECIFICATIONS".
32. ANY AND ALL QUANTITIES SHOWN OR IMPLIED ON THESE PLANS ARE FOR ESTIMATION PURPOSES ONLY.
33. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE IRRIGATION CONTRACTOR, FOR IRRIGATION SLEEVE SIZE FOR IRRIGATION SYSTEM.
34. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD THE OWNER AND DESIGN PROFESSIONAL HARMLESS OF ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR DESIGN PROFESSIONAL.

COMMERCIAL SITE DESIGN, PLLC REGISTERED CORPORATION P-0266 RALEIGH, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 24501 ENGINEER

REVISIONS			
NO.	DATE	DESCRIPTION	BY
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COMMERCIAL SITE DESIGN
(919) 848-6121, FAX: (919) 848-3741
WWW.CSITEDESIGN.COM
8312 CREEDMOOR ROAD
RALEIGH, NORTH CAROLINA 27613

CLIENT/OWNER:
TRACK WEST PARTNERS
445 BISHOP ST NW
ATLANTA, GA 20318
PHONE: (404)913-9131

Hwy 55 116 BROWNS HILL ROAD
LOCUST, NORTH CAROLINA

SITE PLAN

PROJECT NO.	TRW-2115
FILENAME:	TRW2115-SP
DRAWN BY:	STH
SCALE:	1" = 20'
DATE:	10/15/2021
SHEET NO.	C-2

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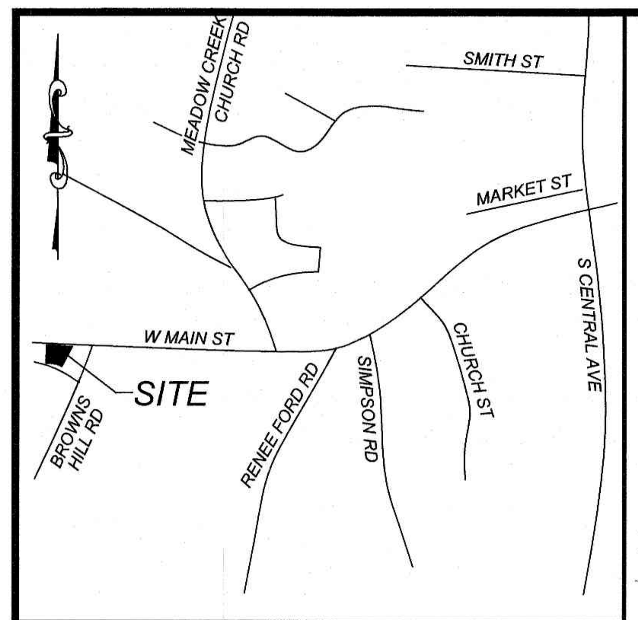


VICINITY MAP

NTS

MAINTENANCE NOTES:

IN GENERAL, ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED AND MAINTAINED DAILY AND AFTER EACH RAINFALL GREATER THAN 0.5 INCHES. ANY SEDIMENT THAT HAS BEEN TRANSPORTED BEYOND THE PROJECT LIMITS SHALL BE REMOVED. THE FOLLOWING ITEMS WILL BE CHECKED IN PARTICULAR:

CONSTRUCTION ENTRANCE:
INSPECT CONSTRUCTION ROADS AND PARKING AREAS PERIODICALLY FOR CONDITION OF SURFACE. TOP DRESS WITH NEW GRAVEL AS NEEDED. CHECK ROAD DITCHES AND OTHER SEEDED AREAS FOR EROSION AND SEDIMENTATION AFTER RUNOFF-PRODUCING RAINS. MAINTAIN ALL VEGETATION IN A HEALTHY, VIGOROUS CONDITION. SEDIMENT PRODUCING AREAS SHOULD BE TREATED IMMEDIATELY.

SILT FENCE:
INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT IMMEDIATELY. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

SILT FENCE GRAVEL OUTLET:
INSPECT SEDIMENT FENCE GRAVEL OUTLETS AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN. ANY RIP RAP DISPLACED MUST BE REPLACED IMMEDIATELY.

OUTLET STABILIZATION STRUCTURE:
INSPECT RIP RAP STRUCTURES WEEKLY AND AFTER SIGNIFICANT (0.5 INCH OR GREATER) RAINFALL EVENTS TO SEE IF ANY EROSION AROUND OR BELOW THE RIP RAP HAS TAKEN PLACE, OR IF STONES HAVE BEEN DISLODGED. IMMEDIATELY MAKE ALL NEEDED REPAIRS TO PREVENT FURTHER DAMAGE.

BLOCK AND GRAVEL INLET PROTECTION:
INSTALL SILT FENCE GRAVEL OUTLETS AT ALL LOW POINTS IN FENCE. INSPECT THE BARRIER OF AFTER EACH RAIN AND MAKE REPAIRS AS NEEDED. REMOVE SEDIMENT AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR SUBSEQUENT RAINS. WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN ADEQUATELY STABILIZED, REMOVE ALL MATERIALS AND ANY UNSTABLE SOIL, AND EITHER SALVAGE OR DISPOSE OF IT PROPERLY. BRING THE DISTURBED AREA TO PROPER GRADE, THEN SMOOTH AND COMPACT IT. APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET.

DIVERSION DITCHES:
INSPECT TEMPORARY DIVERSIONS ONCE A WEEK AND AFTER EVERY RAINFALL. IMMEDIATELY REMOVE SEDIMENT FROM THE FLOW AREA AND REPAIR THE DIVERSION RIDGE. CAREFULLY CHECK OUTLETS AND MAKE TIMELY REPAIRS AS NEEDED. WHEN THE AREA PROTECTED IS PERMANENTLY STABILIZED, REMOVE THE RIDGE AND THE CHANNEL TO BLEND WITH THE NATURAL GROUND LEVEL AND APPROPRIATELY STABILIZE IT.

SKIMMER BASIN:
INSPECT SKIMMER BASINS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (ONE-HALF INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY. REMOVE SEDIMENT AND RESTORE THE BASIN TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT ACCUMULATES TO ONE-HALF THE HEIGHT OF THE FIRST BAFFLE. PULL THE SKIMMER TO ONE SIDE SO THAT THE SEDIMENT UNDERNEATH IT CAN BE EXCAVATED. EXCAVATE THE SEDIMENT FROM THE ENTIRE BASIN, NOT JUST AROUND THE SKIMMER OR THE FIRST CELL. MAKE SURE VEGETATION GROWING IN THE BOTTOM OF THE BASIN DOES NOT HOLD DOWN THE SKIMMER.

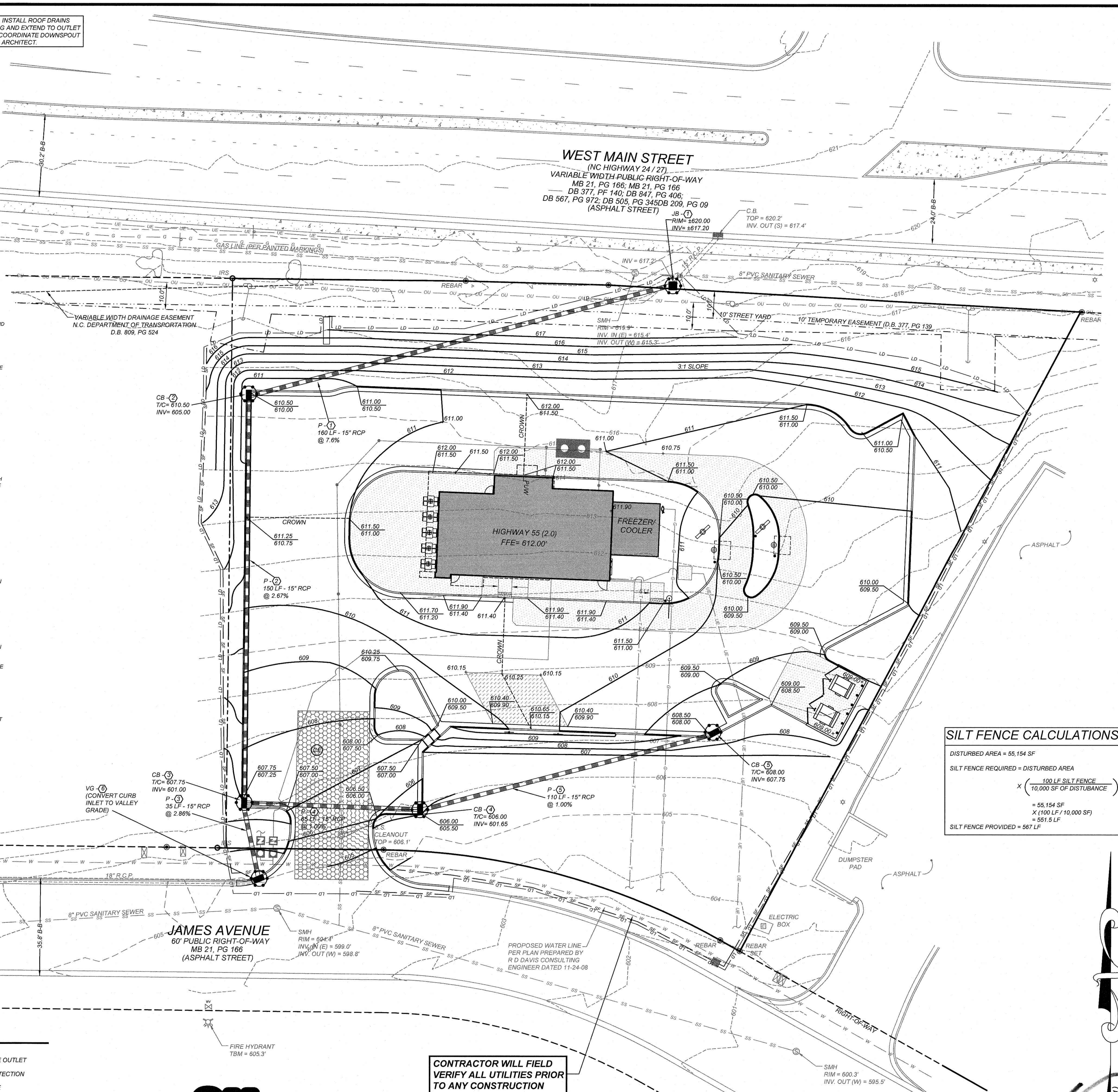
REPAIR THE BAFFLES IF THEY ARE DAMAGED. RE-ANCHOR THE BAFFLES IF WATER IS FLOWING UNDERNEATH OR AROUND THEM.

IF THE SKIMMER IS CLOGGED WITH TRASH AND THERE IS WATER IN THE BASIN, USUALLY JERKING ON THE ROPE WILL MAKE THE SKIMMER BOB UP AND DOWN AND DISLODGE THE DEBRIS AND RESTORE FLOW. IF THIS DOES NOT WORK, PULL THE SKIMMER OVER TO THE SIDE OF THE BASIN AND REMOVE DEBRIS. ALSO CHECK THE ORIFICE INSIDE THE SKIMMER TO SEE IF IT IS CLOGGED; IF SO REMOVE THE DEBRIS.

IF THE SKIMMER ARM OR BARREL PIPE IS CLOGGED, THE ORIFICE CAN BE REMOVED AND THE OBSTRUCTION CLEARED WITH A PLUMBER'S SNAKE OR BY FLUSHING WITH WATER. BE SURE AND REPLACE THE ORIFICE BEFORE REPOSITIONING THE SKIMMER.

CHECK THE FABRIC LINED SPILLWAY FOR DAMAGE AND MAKE ANY REQUIRED REPAIRS WITH FABRIC THAT SPANS THE FULL WIDTH OF THE SPILLWAY. CHECK THE EMBANKMENT, SPILLWAYS, AND OUTLET FOR EROSION DAMAGE, AND INSPECT THE EMBANKMENT FOR PIPING AND SETTLEMENT. MAKE ALL NECESSARY REPAIRS IMMEDIATELY. REMOVE ALL TRASH AND OTHER DEBRIS FROM THE SKIMMER AND POOL AREAS.

FREEZING WEATHER CAN RESULT IN ICE FORMING IN THE BASIN. SOME SPECIAL PRECAUTIONS SHOULD BE TAKEN IN THE WINTER TO PREVENT THE SKIMMER FROM PLUGGING WITH ICE.



CONTRACTOR WILL FIELD VERIFY ALL UTILITIES PRIOR TO ANY CONSTRUCTION

GRADING/EROSION CONTROL LEGEND

■	DROP INLET
▬	CURB INLET
	STORM PIPE
XXX.XX / XXX.XX	TOP OF CURB / BOTTOM OF CURB
	HANDICAP AREA (2% MAX. SLOPE)
	SPILL CURB
TW=XXX.XX / BW=XXX.XX	GROUND AT TOP OF WALL / GROUND AT BOTTOM OF WALL
■	INLINE DRAIN
—RD—	ROOF DRAIN 8" CORRUGATED PLASTIC 3' MIN. COVER 1% MIN. SLOPE PVC IN TRAFFIC AREAS CLEANOUTS LOCATED @ ALL BENDS
	SILT FENCE OUTLET
	INLET PROTECTION
— SF —	SILT FENCE
— TP —	TREE PROTECTION FENCE
	DIVERSION DITCH
— LD —	LIMITS OF DISTURBANCE
	FLARED END SECTION
	CONSTRUCTION ENTRANCE
	SEDIMENT TRAP

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SILT FENCE CALCULATIONS:

DISTURBED AREA = 55,154 SF

SILT FENCE REQUIRED = DISTURBED AREA

$$X \left(\frac{100\ LF\ SILT\ FENCE}{10{,}000\ SF\ OF\ DISTUBANCE} \right)$$

= 55,154 SF
X (100 LF / 10,000 SF)
= 551.5 LF

SILT FENCE PROVIDED = 567 LF

CONSTRUCTION SEQUENCE:

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT EROSION IS MINIMIZED AND THAT COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, REGULATIONS, AND ORDINANCES IS MAINTAINED THROUGHOUT EXECUTION OF THIS PROJECT.

1. OBTAIN A LAND DISTURBING PERMIT. SCHEDULE A PRE-CONSTRUCTION MEETING.
2. INSTALL GRAVEL CONSTRUCTION PAD, TEMPORARY DIVERSIONS, SILT FENCE, SEDIMENT TRAPS OR OTHER MEASURES AS SHOWN ON THE APPROVED PLAN. CLEAR ONLY AS NECESSARY TO INSTALL THESE DEVICES. SEED TEMPORARY DIVERSIONS, BERMS AND BASINS IMMEDIATELY AFTER CONSTRUCTION. SEE DETAIL ON SEEDING SCHEDULE. CONTRACTOR SHALL BEGIN WITH SEDIMENT FENCING AND ALL OTHER SEDIMENT CONTAINMENT DEVICES FOLLOWED BY ALL DIVERSION AND BY-PASS DITCHES/BERMS.
3. BEGIN CLEARING/GRUBBING AND GENERAL EXCAVATION ON SITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PHASE/STAGE EROSION CONTROL TO ALLOW FOR CONSTRUCTION.
   NOTE: CONTRACTOR SHALL INSPECT AND REPAIR ALL EROSION DEVICES AT LEAST ONCE A WEEK AND AFTER EVERY RAINFALL. GRADING ACTIVITY SHALL BE PROHIBITED IN THE AREAS OF THE SEDIMENT CONTROL DEVICES/SEDIMENT TRAPS UNTIL THE AREAS UPSTREAM OF THESE DEVICES HAVE BEEN STABILIZED AND APPROVED.
4. BEGIN INSTALLING UPSTREAM STORM DRAINAGE SYSTEM. INSTALL APPROVED INLET PROTECTION. TERMINATE STORM DRAINAGE SYSTEM AT TEMPORARY SEDIMENT TRAP DEVICES UNTIL SUCH DEVICES HAVE BEEN APPROVED FOR REMOVAL. ADDITIONAL MEASURES MAY BE REQUIRED BY THE INSPECTOR DUE TO THE ROUTING OF THE STORM DRAINAGE SYSTEM AND ACTUAL FIELD CONDITIONS;
   NOTE: SEDIMENT BASINS SHALL BE FUNCTIONAL THROUGHOUT GRADING AND EXCAVATING.
5. STABILIZE SITE AS AREAS ARE BROUGHT UP TO FINISH GRADE WITH VEGETATION, PAVING, DITCH LININGS, ETC.. SEED AND MULCH DENUDED AREAS WITHIN FIFTEEN (15) DAYS OF COMPLETION OF ANY PHASE OF CONSTRUCTION;
   NOTE: THE CONTRACTOR SHALL ENSURE THAT THE EROSION CONTROL DEVICES REMAIN UNDISTURBED DURING CONSTRUCTION OF THE BUILDING PADS AND ASSOCIATED PARKING/DRIVE AREAS ADJACENT TO THESE DEVICES UNTIL THE CONTRIBUTING UPSTREAM AREAS HAVE BEEN STABILIZED AND APPROVED.
6. WHEN SITE IS APPROVED, REMOVE TEMPORARY DIVERSIONS, SILT FENCING, SEDIMENT BASINS, ETC.., AND SEED OUT OR PAVE ANY RESULTING BARE AREAS. CONNECT UPSTREAM STORM DRAINAGE.

GRADING/EROSION CONTROL NOTES

1. ALL GRADING, BACKFILLING, EXCAVATION, ETC..., SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL INVESTIGATION REPORTS. REFER TO THESE REPORTS FOR ADDITIONAL INFORMATION NOT TRANSFERRED TO THESE PLANS.
2. CONTRACTOR IS TO CONTACT NORTH CAROLINA "ONE CALL" AT 800-632-4949 FOR UNDERGROUND UTILITY LOCATION 48 HOURS PRIOR TO ANY DIGGING.
3. THE EROSION CONTROL MEASURES ARE TO BE IN PLACE PRIOR TO ANY EARTHWORK.
4. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED.
5. ALL EROSION CONTROL FACILITIES SHALL BE INSPECTED AND REPAIRED AT A MINIMUM OF WEEKLY BASIS AND AFTER EVERY RAIN EVENT.
6. ALL PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT-LADEN RUNOFF TO ANY STORM DRAINAGE SYSTEM.
7. CONTRACTOR SHALL LOCATE AND VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
8. PURSUANT TO G.S. 113A-57(2), THE ANGLE FOR GRADED SLOPES AND FILLS SHALL BE NO GREATER THAN THE ANGLE THAT CAN BE RETAINED BY VEGETATIVE COVER OR OTHER ADEQUATE EROSION CONTROL DEVICES OR STRUCTURES. IN ANY EVENT, SLOPES LEFT EXPOSED WILL, WITHIN 14 CALENDAR DAYS OF COMPLETION OF ANY PHASE OF GRADING, BE PLANTED OR OTHERWISE PROVIDED WITH TEMPORARY OR PERMANENT GROUND COVER, DEVICES, OR STRUCTURES SUFFICIENT TO RESTRAIN EROSION. PURSUANT TO G.S. 113A-57(3), PROVISIONS FOR PERMANENT GROUND COVER SUFFICIENT TO RESTRAIN EROSION MUST BE ACCOMPLISHED FOR ALL DISTURBED AREAS WITHIN 15 WORKING DAYS FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.
9. ALL CUT AND FILL SLOPES AND CHANNEL SIDESLOPES WHICH ARE NOT TO BE PAVED, SHALL BE SEEDED UNTIL A GOOD STAND OF GRASS IS OBTAINED IN ACCORDANCE WITH:
   A. 100 LBS PER 1,000 SQUARE FOOT GROUND LIMESTONE OR EQUIVALENT. NO SOIL TEST REQUIRED FOR INITIAL ESTABLISHMENT.
   B. 20 LBS OF 10-10-10 FERTILIZER OR EQUIVALENT PER 1,000 SQUARE FOOT.
   C. VARIETIES TO BE SEEDED:
      1. SPRING SEEDING - MARCH 1 - APRIL 30; SPRING OATS 2.5 LBS PER 1,000 SQUARE FOOT.
      2. SUMMER SEEDING - MAY 1 - AUGUST 1; WEEPING LOVE GRASS AT 2 OZ. PER SQUARE FOOT MIXED WITH 1 BUSHEL OF SAWDUST FOR UNIFORM SEEDING.
      3. ASPHALT MULCH 6 GALLONS PER 1,000 SQUARE FOOT. ALL SEEDING WILL BE MULCHED.
10. SEE LANDSCAPE PLAN FOR PERMANENT SEEDING.
11. ALL FINISHED SURFACES SHOULD SLOPE AWAY FROM BUILDING, TOWARDS DRAINAGE OUTLETS FOR POSITIVE DRAINAGE AND TO AVOID STANDING WATER.

TEMPORARY SEEDING IN NORTH CAROLINA

SEEDING MIXTURE

	SPECIES	RATE (lb/acre)
LATE WINTER & EARLY SPRING	RYE (GRAIN)	120
	ANNUAL LESPEDEZA (KOBE IN PIEDMONT AND COSTAL PLAIN, KOREAN IN MOUNTAINS	50
SUMMER	GERMAN MILLET	40
	OMIT ANNUAL LESPEDEZA WHEN DURATION OF TEMPORARY COVER IN THE PIEDMONT AND MOUNTAINS, A SMALL-STEMMED SUNDAGRASS	
FALL	RYE (GRAIN)	120
	IS NOT TO EXTEND BEYOND JUNE. MAY BE SUBSTITUTED AT A RATE OF 50 LB/ACRE.	

SEEDING DATES:

LATE WINTER & EARLY SPRING	MOUNTAINS - ABOVE 2500 ft: FEB. 15 - MAY 15 BELOW 2500 ft: FEB. 1 - MAY 1 PIEDMONT - JAN. 1 - MAY 1 COASTAL PLAIN - DEC. 1 - APR. 15
SUMMER	MOUNTAINS - MAY 15 - AUG. 15 PIEDMONT - MAY 1 - AUG. 15 COASTAL PLAIN - APR. 15 - AUG. 15
FALL	MOUNTAINS - AUG. 15 - DEC. 15 COASTAL PLAIN AND PIEDMONT - AUG. 15 - DEC.30

SOIL AMENDMENTS
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LBS/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LBS/ACRE 10-10-10 FERTILIZER

MULCH
APPLY 4,000 LBS/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE
REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

NAD_83(2011)

GRAPHIC SCALE
20 0 10 20 40
1 inch = 20 ft.

COMMERCIAL SITE DESIGN, PLLC — REGISTERED CORPORATION — RALEIGH, NORTH CAROLINA — P-0266

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 24501

REVISIONS

NO.	DATE	DESCRIPTION	BY

COMMERCIAL SITE DESIGN
8312 CREEDMOOR ROAD
RALEIGH, NORTH CAROLINA 27613
(919) 848-6121, FAX: (919) 848-3741
WWW.CSITEDESIGN.COM

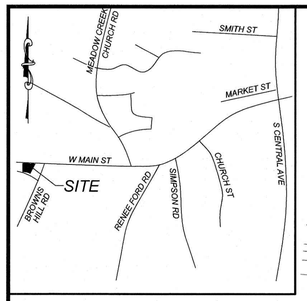
CLIENT/OWNER:
TRACK WEST PARTNERS
445 BISHOP ST NW
ATLANTA, GA 20318
PHONE: (404)913-9131

Hwy 55™ 116 BROWNS HILL ROAD
LOCUST, NORTH CAROLINA

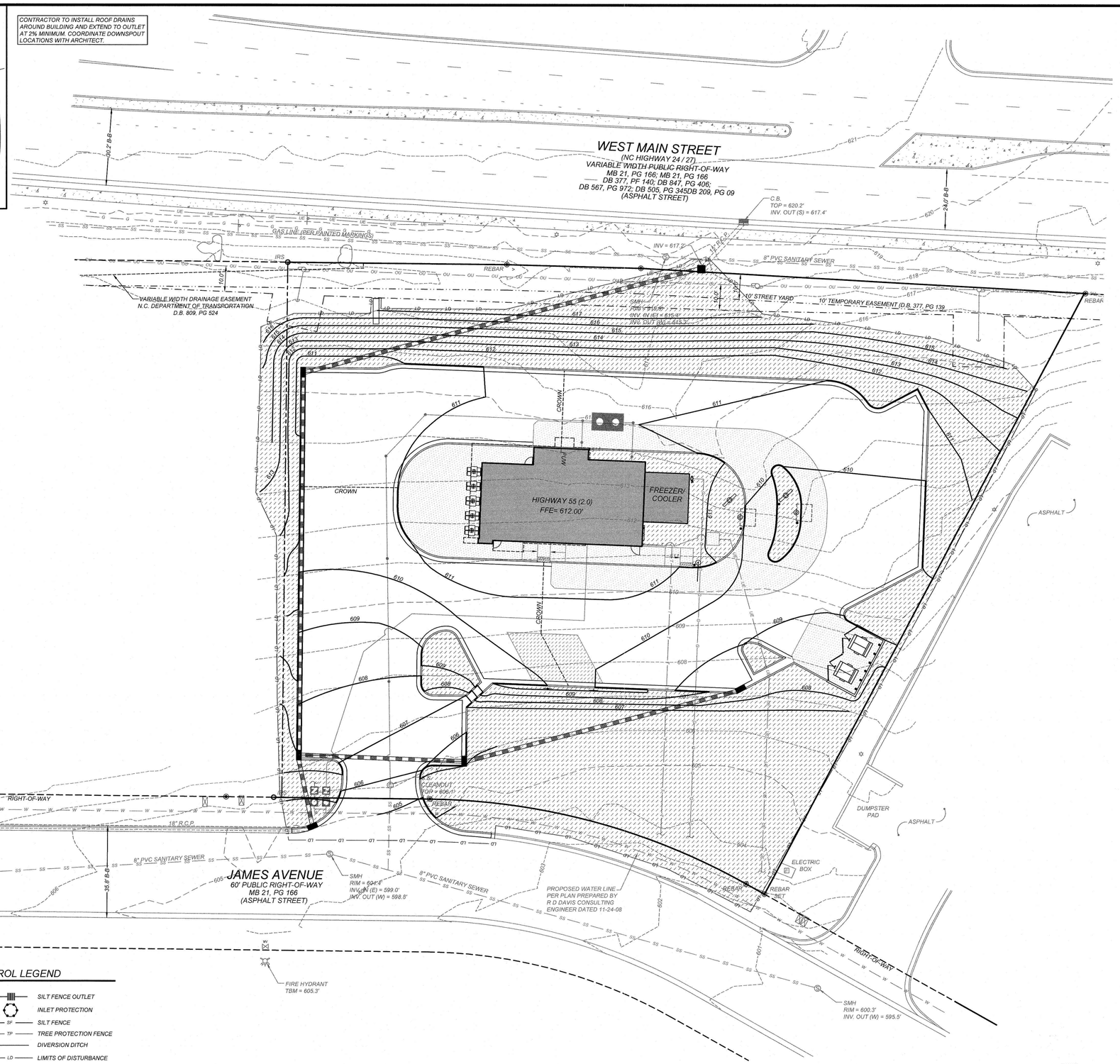
GRADING PLAN

PROJECT NO.	TRW-2115
FILENAME:	TRW2115-GP
DRAWN BY:	STH
SCALE:	1"= 20'
DATE:	10/15/2021
SHEET NO.	C-3

CONTRACTOR TO INSTALL ROOF DRAINS AROUND BUILDING AND EXTEND TO OUTLET AT 2% MINIMUM. COORDINATE DOWNSPOUT LOCATIONS WITH ARCHITECT.



VICINITY MAP
NTS



LABEL	1) GROUND STABILIZATION		
	SITE AREA DESCRIPTION	STABILIZE WITHIN THIS MANY CALENDAR DAYS AFTER CEASING LAND DISTURBANCE	TIME FRAME VARIATIONS
	• PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
	• HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
	• SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1. 14 DAYS ARE ALLOWED.
	• SLOPES 3:1 TO 4:1	14 DAYS	- 7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH AND WITH SLOPES STEEPERTHAN 4:1 - 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND HQW ZONES - 10 DAYS FOR FALLS LAKE WATERSHED
	• ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	- 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND HQW ZONES - 10 DAYS FOR FALLS LAKE WATERSHED UNLESS THERE IS ZERO SLOPE.

SEE SHEET C-5 FOR STANDARD NPDES STABILIZATION DETAILS SHEET

TOTAL DISTURBED AREA = 1.26 ACRES

LATITUDE: 35.254166°
LONGITUDE: 80.452485°

SOIL TYPE: KkB - KIRKSEY SILT LOAM
TbB - TARRUS CHANERY SILT LOAM

WATERSHED: MUDDY CREEK - ROCKY RIVER

MAINTENANCE CONTACT INFORMATION: TBD

GRADING/EROSION CONTROL LEGEND

- DROP INLET
- CURB INLET
- STORM PIPE
- XXX.XX TOP OF CURB / XXX.XX BOTTOM OF CURB
- HANDICAP AREA (2% MAX. SLOPE)
- SPILL CURB
- TW=XXX.XX GROUND AT TOP OF WALL / BW=XXX.XX GROUND AT BOTTOM OF WALL
- INLINE DRAIN
- RD ROOF DRAIN — 8" CORRUGATED PLASTIC, 3' MIN. COVER, 1% MIN. SLOPE, PVC IN TRAFFIC AREAS, CLEANOUTS LOCATED @ ALL BENDS
- SILT FENCE OUTLET
- INLET PROTECTION
- SF SILT FENCE
- TP TREE PROTECTION FENCE
- DIVERSION DITCH
- LD LIMITS OF DISTURBANCE
- FLARED END SECTION
- CONSTRUCTION ENTRANCE
- SEDIMENT TRAP

Know what's **below.**
Call before you dig.
nc811.org or 1-800-632-4949

COMMERCIAL SITE DESIGN, PLLC
REGISTERED CORPORATE NO.
P-0266
NORTH CAROLINA
RALEIGH, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 24501 ENGINEER WILLIAM E. MITCHETT

GRAPHIC SCALE
20 0 10 20 40
1 inch = 20 ft.

NAD_83(2011)

REVISIONS				
NO.	DATE	DESCRIPTION	BY	
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.	.	.	.	

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Hwy 55™ 116 BROWNS HILL ROAD
LOCUST, NORTH CAROLINA

NPDES STABILIZATION

PROJECT NO.	TRW-2115
FILENAME:	TRW2115-NPDES1
DRAWN BY:	STH
SCALE:	1"= 20'
DATE:	10/15/2021
SHEET NO.	C-4

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GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Required Ground Stabilization Timeframes

Site Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
• Temporary grass seed covered with straw or other mulches and tackifiers • Hydroseeding • Rolled erosion control products with or without temporary grass seed • Appropriately applied straw or other mulch • Plastic sheeting	• Permanent grass seed covered with straw or other mulches and tackifiers • Geotextile fabrics such as permanent soil reinforcement matting • Hydroseeding • Shrubs or other permanent plantings covered with mulch • Uniform and evenly distributed ground cover sufficient to restrain erosion • Structural methods such as concrete, asphalt or retaining walls • Rolled erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

1. Select flocculants that are appropriate for the soils being exposed during construction, selecting from the *NC DWR List of Approved PAMS/Flocculants*.
2. Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
3. Apply flocculants at the concentrations specified in the *NC DWR List of Approved PAMS/Flocculants* and in accordance with the manufacturer's instructions.
4. Provide ponding area for containment of treated Stormwater before discharging offsite.
5. Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

1. Maintain vehicles and equipment to prevent discharge of fluids.
2. Provide drip pans under any stored equipment.
3. Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
4. Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
5. Remove leaking vehicles and construction equipment from service until the problem has been corrected.
6. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

1. Never bury or burn waste. Place litter and debris in approved waste containers.
2. Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.
3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
4. Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
6. Anchor all lightweight items in waste containers during times of high winds.
7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
8. Dispose waste off-site at an approved disposal facility.
9. On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
2. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
3. Contain liquid wastes in a controlled area.
4. Containment must be labeled, sized and placed appropriately for the needs of site.
5. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

PORTABLE TOILETS

1. Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
2. Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
3. Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

EARTHEN STOCKPILE MANAGEMENT

1. Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
2. Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
3. Provide stable stone access point when feasible.
4. Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.

CONCRETE WASHOUTS

1. Do not discharge concrete or cement slurry from the site.
2. Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
3. Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
4. Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
5. Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
6. Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
7. Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
8. Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
9. Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
10. At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

1. Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
2. Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
3. Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
4. Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

1. Create designated hazardous waste collection areas on-site.
2. Place hazardous waste containers under cover or in secondary containment.
3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those un-attended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero." The permittee may use another rain-monitoring device approved by the Division.
(2) E&SC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Indication of whether the measures were operating properly, 5. Description of maintenance needs for the measure, 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration, 5. Indication of visible sediment leaving the site, 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits, 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item (2)(a) of this permit of this permit.
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter E&SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. E&SC Plan Documentation

The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC plan shall be documented in the manner described:

Item to Document	Documentation Requirements
(a) Each E&SC Measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC Plan.	Initial and date each E&SC Measure on a copy of the approved E&SC Plan or complete, date and sign an inspection report that lists each E&SC Measure shown on the approved E&SC Plan. This documentation is required upon the initial installation of the E&SC Measures or if the E&SC Measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC Plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&SC Plan.	Initial and date a copy of the approved E&SC Plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&SC Measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&SC Measures.	Initial and date a copy of the approved E&SC Plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation

In addition to the E&SC Plan documents above, the following items shall be kept on the site and available for agency inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

(a) This general permit as well as the certificate of coverage, after it is received.

(b) Records of inspections made during the previous 30 days. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.

(c) All data used to complete the Notice of Intent and older inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences that must be reported

Permittees shall report the following occurrences:

(a) Visible sediment deposition in a stream or wetland.

(b) Oil spills if:
- They are 25 gallons or more,
- They are less than 25 gallons but cannot be cleaned up within 24 hours,
- They cause sheen on surface waters (regardless of volume), or
- They are within 100 feet of surface waters (regardless of volume).

(a) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.

(b) Anticipated bypasses and unanticipated bypasses.

(c) Noncompliance with the conditions of this permit that may endanger health or the environment.

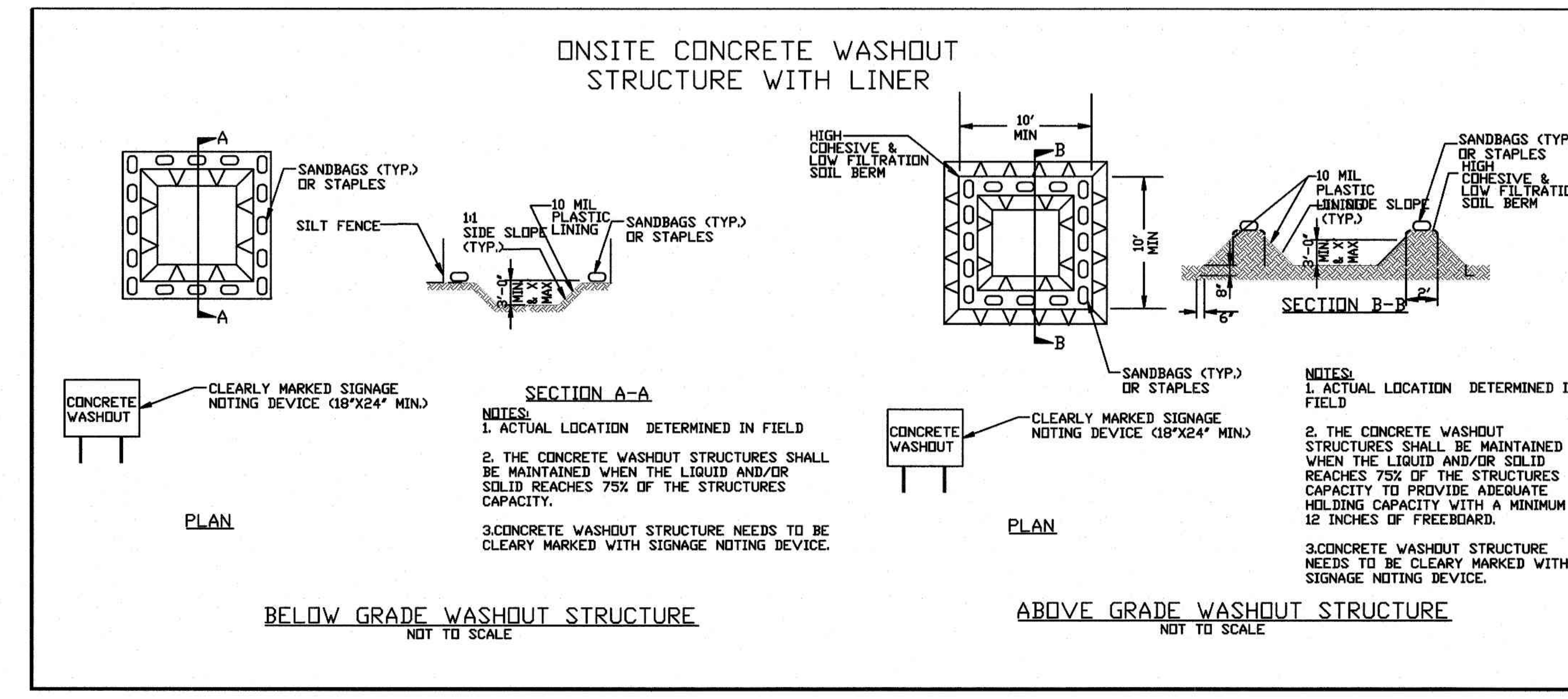
2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Division's Emergency Response personnel at (800) 662-7956, (800) 858-0368 or (919) 733-3300.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	• ***Within 24 hours***, an oral or electronic notification. • ***Within 7 calendar days***, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. • If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.
(b) Oil spills and release of hazardous substances per Item 1(b)-(c) above	• ***Within 24 hours***, an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release.
(c) Anticipated bypasses [40 CFR 122.41(m)(3)]	• ***A report at least ten days before the date of the bypass, if possible***. The report shall include an evaluation of the anticipated quality and effect of the bypass.
(d) Unanticipated bypasses [40 CFR 122.41(m)(3)]	• ***Within 24 hours***, an oral or electronic notification. • ***Within 7 calendar days,*** a report that includes an evaluation of the quality and effect of the bypass.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment[40 CFR 122.41(l)(7)]	• ***Within 24 hours***, an oral or electronic notification. • ***Within 7 calendar days***, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. [40 CFR 122.41(l)(6). • Division staff may waive the requirement for a written report on a case-by-case basis.

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19



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COMMERCIAL SITE DESIGN, PLLC — NORTH CAROLINA — P-0266
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 24501

REVISIONS			
NO.	DATE	DESCRIPTION	BY

COMMERCIAL SITE DESIGN
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445 BISHOP ST NW
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PHONE: (404)913-9131

Hwy 55™ 116 BROWNS HILL ROAD
LOCUST, NORTH CAROLINA

NPDES DETAILS

PROJECT NO.	TRW-2115
FILENAME:	TRW2115-NPDES2
DRAWN BY:	STH
SCALE:	N.T.S.
DATE:	10/15/2021
SHEET NO.	C-5

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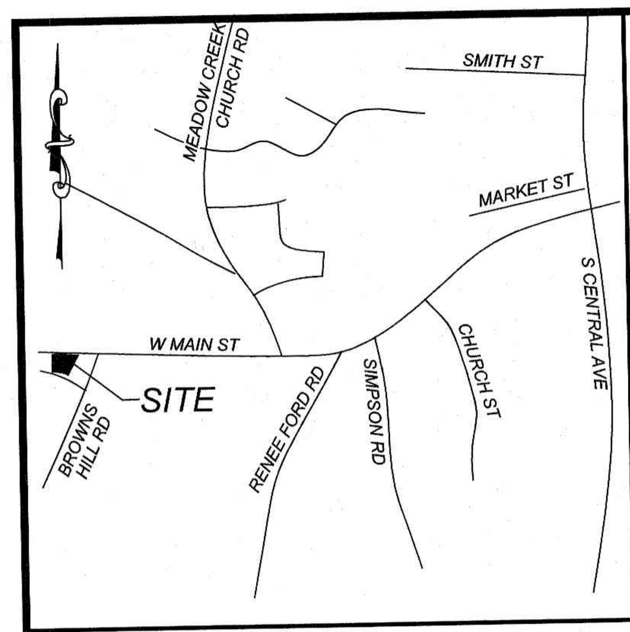
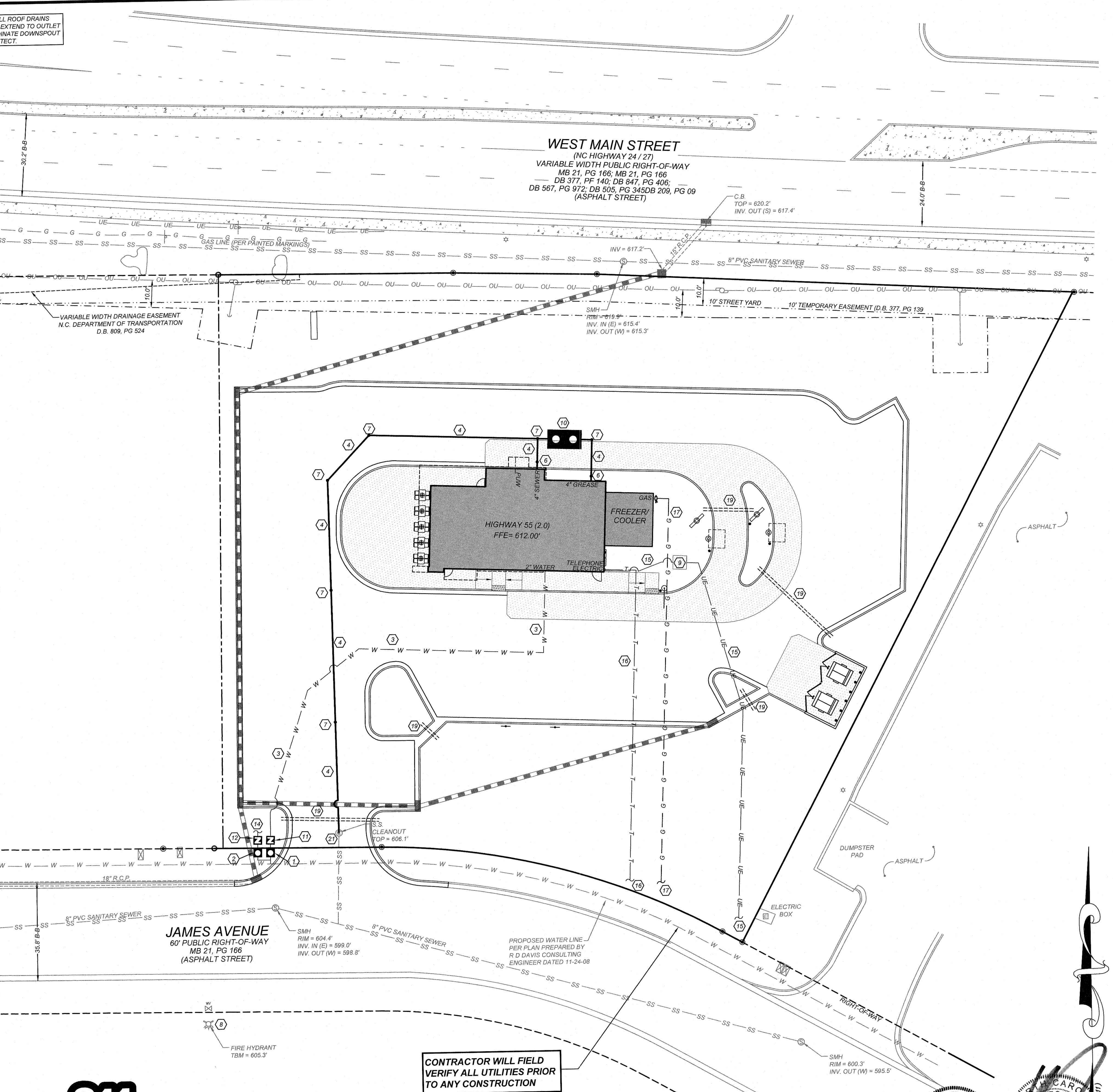


VICINITY MAP

NTS



UTILITY KEYNOTES:

1. 1 1/2" DOMESTIC WATER METER, CONTRACTOR SHALL COORDINATE WITH CITY.
2. 1 1/2" DOMESTIC REDUCED PRESSURE BACKFLOW PREVENTER IN ABOVE GRADE HEATED, INSULATED ENCLOSURE.
3. 2" DOMESTIC WATER SERVICE, CONTRACTOR SHALL COORDINATE WITH CITY.
4. 4" PVC SANITARY SEWER LINE.
5. SADDLE WITH 2" CORPORATION STOP, CONTRACTOR SHALL COORDINATE WITH CITY.
6. SANITARY SEWER CLEANOUT, SEE DETAIL SHEET.
7. TRAFFIC RATED SANITARY SEWER CLEANOUT, SEE DETAIL SHEET.
8. EXISTING FIRE HYDRANT.
9. TRANSFORMER PAD, CONTRACTOR SHALL COORDINATE LOCATION AND SIZE WITH ELECTRIC UTILITY.
10. 1500 GALLON GREASE TRAP, SEE DETAIL SHEETS.
11. 1" IRRIGATION WATER METER, CONTRACTOR SHALL COORDINATE WITH IRRIGATION CONTRACTOR.
12. 1" IRRIGATION REDUCED PRESSURE BACKFLOW PREVENTER IN ABOVE GRADE HEATED, INSULATED ENCLOSURE. CONTRACTOR SHALL COORDINATE WITH CITY.
13. POLE MOUNTED AREA LIGHT, SEE LIGHTING PLAN.
14. COORDINATE IRRIGATION CONNECTION WITH IRRIGATION CONTRACTOR.
15. UNDERGROUND ELECTRIC SERVICE, CONTRACTOR SHALL COORDINATE WITH ELECTRIC UTILITY.
16. UNDERGROUND TELEPHONE SERVICE, CONTRACTOR SHALL COORDINATE WITH TELEPHONE COMPANY.
17. GAS SERVICE, CONTRACTOR SHALL COORDINATE WITH GAS COMPANY.
18. INSTALL 2 PVC SLEEVES FOR ELECTRICAL SERVICE. CONTRACTOR SHALL COORDINATE WITH OWNER AND UTILITY COMPANY.
19. IRRIGATION SLEEVES PER UTILITY LEGEND.

NOTE TO CONTRACTOR:

GENERAL CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES FOR VERIFICATION OF EXACT LOCATION AND DEPTH PRIOR TO ANY CONSTRUCTION.

UTILITY INFORMATION SHOWN IS A COMBINATION OF SURVEY AND COUNTY AS-BUILTS.

CONTRACTOR WILL FIELD VERIFY ALL UTILITIES PRIOR TO ANY CONSTRUCTION

UTILITY LEGEND

Symbol	Description	Symbol	Description
— OU —	OVERHEAD UTILITIES	●	SEWER CLEAN OUT
———	SANITARY SEWER		FIRE HYDRANT ASSEMBLY
— UE —	UNDERGROUND ELECTRIC	○	SANITARY SEWER MANHOLE
— T —	TELEPHONE LINE		POLE MOUNTED AREA LIGHT
— G —	GAS LINE		WATER METER
— W —	WATER LINE	Z	BACKFLOW PREVENTER
========	IRRIGATION SLEEVE (2) 4" PVC, COORDINATE WITH IRRIGATION CONTRACTOR		SIAMESE CONNECTION
	UTILITY POLE		WATER VALVE
			GREASE TRAP

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COMMERCIAL SITE DESIGN, PLLC REGISTERED CORPORATION P-0266 RALEIGH, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 24501 ENGINEER

NAD 83 (2011)

GRAPHIC SCALE

20 0 10 20 40

1 inch = 20 ft.

UTILITY NOTES:

1. UTILITY INFORMATION SHOWN HEREON WAS OBTAINED FROM THE BEST AVAILABLE SOURCE AND MAY OR MAY NOT BE EITHER ACCURATE OR COMPLETE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXACT LOCATIONS OF EXISTING UTILITIES AND IS RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITIES, EITHER PUBLIC OR PRIVATE, SHOWN HEREON OR NOT SHOWN HEREON. ANY REPAIRS SHALL BE DONE TO THE SATISFACTION OF THE APPROPRIATE UTILITY COMPANY.
2. THE GENERAL CONTRACTOR SHALL CONFIRM ALL NEW UTILITY TAP LOCATIONS WITH THE UTILITY OWNERS. ALL FEES SHALL BE THE RESPONSIBILITY OF DEVELOPER.
3. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY THE ACTUAL LOCATION AND AVAILABILITY OF ALL EXISTING AND PROPOSED UTILITIES IN THE FIELD PRIOR TO GROUND BREAKING.
4. NEW LOT LIGHT FOUNDATION BASES, CONDUIT AND WIRING ARE BY THE GENERAL CONTRACTOR. POLES, FIXTURES, ANCHOR BOLTS & HARDWARE SHALL BE COORDINATED WITH THE OWNER AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
5. ALL NEW LOT LIGHTS AND THE MAIN IDENTIFICATION SIGN SHALL HAVE A MINIMUM 10 FEET CLEARANCE FROM ALL OVERHEAD UTILITIES.
6. GENERAL CONTRACTOR IS RESPONSIBLE FOR PERMITS AND/OR APPROVALS NECESSARY FOR ANY WORK IN ROADWAY OR RIGHT-OF-WAY.
7. ALL TRENCH EXCAVATION AND BACKFILL SHALL BE IN ACCORDANCE WITH TRENCH BACKFILL DETAIL SHOWN ON THESE PLANS.
8. MINIMUM COVER FOR CONDUITS SHALL BE 36" UNLESS OTHERWISE SHOWN OR NOTED ON THESE PLANS.
9. ALL MANHOLES, VALVES, AND MONUMENT FRAMES SHALL BE SET TO FINISH GRADE AFTER PAVING.
10. THE CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDERS. TRENCHES SHALL BE SHORED IN ACCORDANCE WITH OSHA.
11. THE MINIMUM SLOPE FOR SANITARY SEWER LINES SHALL BE AS FOLLOWS: 1) 1/4"/FT FOR 4" LINES AND 2) 1/8"/FT FOR 6" LINES. CLEANOUTS SHALL BE PLACED AT 75' INTERVALS.
12. ALL WATER LINES SHALL HAVE A FINAL COVER DEPTH OF 3'-0" IN NON-TRAFFIC AREAS AND 4'-0" MINIMUM IN TRAFFIC AREAS UNLESS SPECIFICALLY NOTED OTHERWISE.
13. ALL SEWER LINES SHALL HAVE A FINAL COVER DEPTH 4'-0" IN NON-TRAFFIC AREAS AND 5'-0" MINIMUM IN TRAFFIC AREAS UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS.
14. SANITARY SEWER SERVICES SHALL BE PVC SDR 35 TO R/W, THEN PVC SCH. 40 TO BUILDING. WATER SERVICE SHALL BE TYPE "K" COPPER.
15. CABLE TV SERVICE ROUTING IS NOT PART OF THIS PLAN, CONTRACTOR TO COORDINATE WITH CABLE COMPANY .
16. EXISTING MANHOLES SHOULD BE FIELD VERIFIED FOR RIMS AND INVERTS.
17. ALL WORK SHALL BE GOVERNED BY THE LATEST EDITIONS OF THE STATE MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, BUILDING CODE, ENERGY CONSERVATION, HANDICAP ACCESSIBILITY, NATIONAL ELECTRICAL CODES AND NATIONAL FIRE PROTECTION ASSOCIATION CODES AND AS ADOPTED BY THE AUTHORITIES HAVING JURISDICTION.
18. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL INSPECTIONS, CERTIFICATIONS, EQUIPMENT, ETC., THAT MAY BE REQUIRED.
19. CONTRACTOR SHALL GUARANTEE, FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF SYSTEMS BY OWNER, EACH AND EVERY PIECE OF APPARATUS WHICH HAS BEEN INSTALLED UNDER THIS CONTRACT.
20. THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS/METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.
21. OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS; FINAL RULE 29CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING 5 FEET IN DEPTH.
22. EXCAVATION EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRES THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
23. EQUIPMENT AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED PROVIDED PRIOR APPROVAL HAS BEEN OBTAINED FROM THE OWNER IN WRITING PRIOR TO ORDERING OR INSTALLATION. THE CONTRACTOR SHALL WAIVE ANY CLAIM FOR ADDITIONAL COST RELATED TO THE SUBSTITUTION OF ALTERNATE EQUIPMENT.
24. CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF DRAWINGS TO RECORD THE EXACT LOCATION OF ALL PIPING PRIOR TO CONCEALMENT. DRAWINGS SHALL BE GIVEN TO THE OWNER UPON COMPLETION OF THE PROJECT WITH A COPY OF THE TRANSMITTAL LETTER TO THE ENGINEER.
25. ONLY SEWAGE NOT CONTAINING GREASE IS ALLOWED TO BYPASS THE GREASE TRAP.
26. ALL SANITARY SEWER SERVICES AND STORM DRAIN PIPING 8" IN DIAMETER OR SMALLER SHALL BE SCH. 40 PVC WITH ADHESIVE "WELDED JOINTS, UNLESS SPECIFIED OTHERWISE OR REQUIRED BY LOCAL GOVERNING MUNICIPALITY. MINIMUM SLOPES ON SANITARY SEWER SERVICES: 4" - 1/4"/FT, 6" - 1/8"/FT.
27. BELOW GRADE WATER SERVICE PIPING SHALL BE TYPE "K" HARD DRAWN COPPER TUBING WITH SILVER SOLDER JOINTS. SOLDERS CONTAINING LEAD SHALL NOT BE USED FOR ANY PURPOSE ON THIS PROJECT, WHERE PIPING IS REQUIRED TO RUN BELOW BUILDING SLAB, IT SHALL BE INSTALLED WITHOUT JOINTS BELOW SLAB.
28. WATER PIPING SHALL BE CONNECTED TO BUILDING STUBS, VERIFY LOCATIONS PRIOR TO BEGINNING WATER PIPE INSTALLATION.
29. WASTE PIPING SHALL BE CONNECTED TO BUILDING STUBS, VERIFY LOCATIONS AND INVERTS PRIOR TO BEGINNING ANY WASTE PIPE INSTALLATION.
30. CONTRACTOR SHALL NOTIFY NORTH CAROLINA "ONE CALL" AT 1-800-632-4949 AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENTLY.
31. ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF LOCUST PUBLIC UTILITIES AND CROSS CONNECTION CONTROL REGULATIONS AND STANDARDS.
32. SITE UTILITY CONTRACTOR TO PROVIDE WATER, SANITARY SEWER, AND ROOF DRAIN LEADERS TO WITHIN 5 FEET OF THE BUILDING. CONTRACTOR SHALL COORDINATE SITE PLAN CONNECTIONS WITH THE ARCHITECTURAL BUILDING PLANS.
33. SANITARY CLEANOUTS SHALL BE PLACED NO MORE THAN 75 FEET APART. CLEAN OUTS LOCATED IN PAVEMENT AREAS SHALL HAVE HEAVY DUTY TRAFFIC RATED CONSTRUCTION.
34. CONNECTION OF SANITARY SEWER SERVICE TO AN EXISTING MANHOLE SHALL COMPLY WITH THE TOWN OF LOCUST STANDARDS, INCLUDING: CORE DRILL FOR OPENING INTO MANHOLE AND INSTALL WITH FLEXIBLE BOOT. IF PAVEMENT CUT IS REQUIRED, CONTRACTOR SHALL PATCH PAVEMENT WITH A SECTION TO MATCH EXISTING PAVEMENT: 3" I-2, 8" ABC OR BETTER.
35. RELATION OF WATER MAINS TO SEWERS:
    - A. LATERAL SEPARATION OF SEWER AND WATER MAINS: WATER MAINS SHALL BE LAID AT LEAST 10 FEET LATERALLY FROM EXISTING OR PROPOSED SEWERS UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT A 10 FOOT LATERAL SEPARATION, IN WHICH CASE:
        1. THE WATER MAIN IS LAID IN A SEPARATE TRENCH, WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER, OR
        2. THE WATER MAIN IS LAID IN THE SAME TRENCH AS THE SEWER LINE WITH THE WATER MAIN LOCATED AT ONE SIDE ON A BENCH OF UNDISTURBED EARTH, AND ABOVE THE TOP OF THE SEWER.
    - B. CROSSING A WATER MAIN OVER A SEWER MAIN: WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS OVER A SEWER THE WATER MAIN SHALL BE LAID AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER MAIN, UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT AN 18 INCH VERTICAL SEPARATION - IN WHICH CASE BOTH THE WATER MAIN AND SEWER MAIN SHALL BE CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS THAT ARE EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING.
    - C. CROSSING A WATER MAIN UNDER A SEWER MAIN: WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS UNDER A SEWER MAIN BOTH THE WATER MAIN AND SEWER MAIN SHALL BE CONSTRUCTED OF FERROUS MATERIALS AND WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING.
    - D. CROSSING A SEWER LINE OVER OR UNDER A STORM DRAIN: WHENEVER IT IS NECESSARY FOR A SEWER LINE TO CROSS A STORM DRAIN PIPE, THE SEWER LINES SHALL BE LAID AT SUCH AN ELEVATION THAT THE OUTSIDE OF THE SEWER LINE NEAREST TO THE OUTSIDE OF THE STORM DRAIN PIPE SHALL MAINTAIN A 12 INCH CLEAR SEPARATION DISTANCES, OR ENCASED IN EITHER CONCRETE OR DUCTILE IRON PIPE FOR AT LEAST 5 FEET ON EITHER SIDE OF THE CROSSING.
36. UNDERGROUND CONDUITS TO SIGNS, LOT LIGHTS, ETC., SHALL BE PLACED IN GRASS OR LANDSCAPE AREAS WHENEVER POSSIBLE. THE LOCATION OF THE CONDUIT AS SHOWN ON THESE PLANS SHALL BE CONSIDERED TO BE SCHEMATIC WITH ACTUAL LOCATION TO BE VERIFIED BY THE GENERAL CONTRACTOR, PVC SCH. 40 SLEEVES SHALL BE INSTALLED FOR ALL CONDUIT CROSSING UNDER PAVED AREAS.
37. SEE ELECTRICAL SHEETS FOR SIZE OF CONDUIT AND WIRE ON ALL ELECTRICAL SERVICE.
38. TRANSFORMER BY ELECTRIC COMPANY, GENERAL CONTRACTOR TO PROVIDE PAD. REFER TO ELECTRIC COMPANY SPECIFICATIONS FOR PAD CONSTRUCTION.

NO.	DATE	DESCRIPTION	BY

REVISIONS

COMMERCIAL SITE DESIGN

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Hwy 55™ 116 BROWNS HILL ROAD
LOCUST, NORTH CAROLINA

UTILITY PLAN

PROJECT NO.	TRW-2115
FILENAME:	TRW2115-UP
DRAWN BY:	STH
SCALE:	1"= 20'
DATE:	10/15/2021
SHEET NO.	C-6

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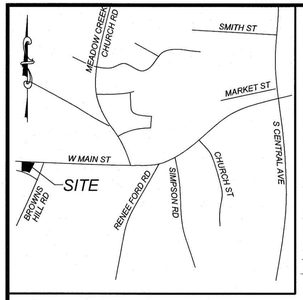
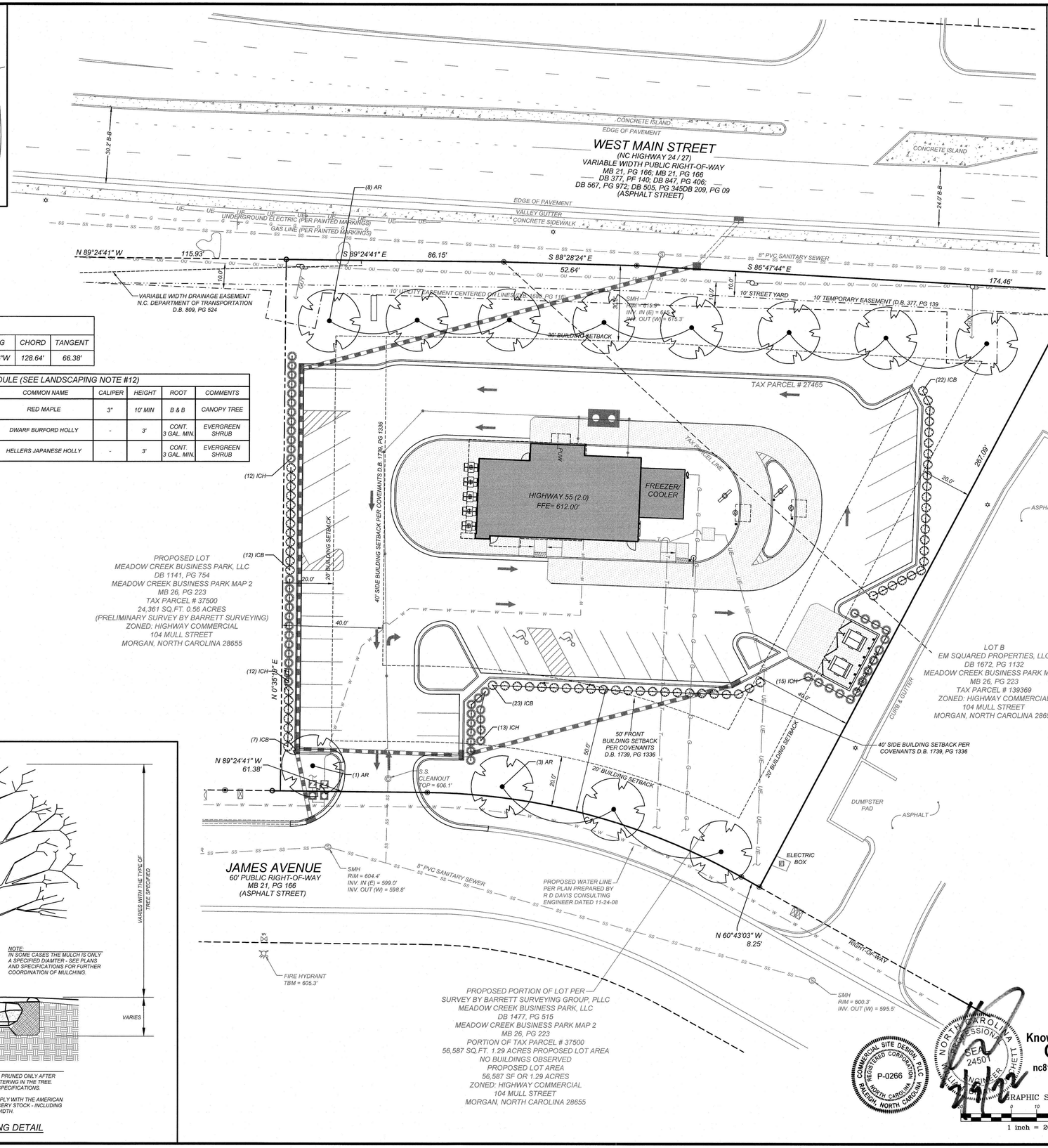


VICINITY MAP
NTS

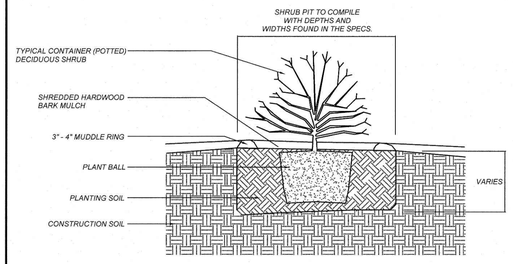


CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	BEARING	CHORD	TANGENT
C1	129.99'	260.00'	28.65°	N75°02'26"W	128.64'	66.38'

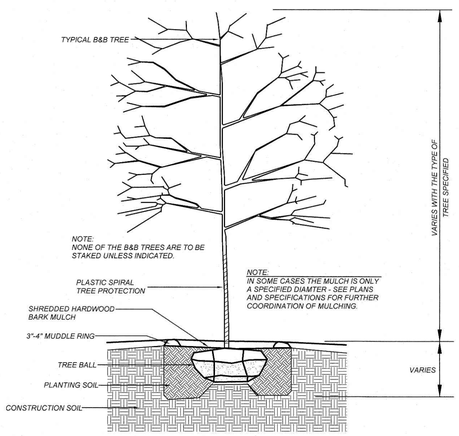
PLANTING SCHEDULE (SEE LANDSCAPING NOTE #12)								
SYMBOL	KEY	NO.	BOTANICAL NAME	COMMON NAME	CALIPER	HEIGHT	ROOT	COMMENTS
	AR	12	ACER RUBRUM	RED MAPLE	3"	10' MIN	B & B	CANOPY TREE
	ICB	64	ILEX CORNUTA 'BURFORDII NANA'	DWARF BURFORD HOLLY	-	3'	CONT. 3 GAL. MIN.	EVERGREEN SHRUB
	ICH	52	ILEX CRENATA HELLERI	HELLERS JAPANESE HOLLY	-	3'	CONT. 3 GAL. MIN.	EVERGREEN SHRUB

NOTE:
IN SOME CASES THE MULCH IS ONLY A SPECIFIED DIAMETER. SEE PLANS AND SPECIFICATIONS FOR FURTHER COORDINATION OF MULCHING.

NOTE:
PRUNE SHRUB AS RECOMMENDED BY GROWER ONLY AFTER THE PLANT HAS BEEN WATERED INTO THE PLANTING SOIL.



SHRUB PLANTING DETAIL



NOTE:
1. ALL TREES SHOULD BE PRUNED ONLY AFTER INSTALLATION AND WATERING IN THE TREE. PRUNE TO GROWERS SPECIFICATIONS.
2. ALL TREES SHALL COMPLY WITH THE AMERICAN STANDARDS FOR NURSERY STOCK - INCLUDING TREE PIT DEPTH AND WIDTH.

TREE PLANTING DETAIL

TURF NOTES:

1. CHISEL COMPACTED AREAS AND SPREAD TOPSOIL 3 INCHES DEEP OVER ADVERSE SOIL CONDITIONS, IF AVAILABLE.
2. RIP ENTIRE AREA TO 6 INCHES IN DEPTH.
3. REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
4. APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPERPHOSPHATE UNIFORMLY AND MIX WITH SOIL (SEE BELOW*).
5. CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM, REASONABLY UNIFORM SEEDBED IS PREPARED 4 TO 6 INCHES DEEP.
6. SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING.
7. MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH.
8. INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS WITHIN THE PLANTING SEASON, IF POSSIBLE. IF STAND SHOULD BE OVER 60% DAMAGED, RE-ESTABLISH FOLLOWING ORIGINAL LIME, FERTILIZER AND SEEDING RATES.
9. CONSULT CONSERVATION INSPECTOR ON MAINTENANCE TREATMENT AND FERTILIZATION AFTER PERMANENT COVER IS ESTABLISHED.

   *APPLY: AGRICULTURAL LIMESTONE - 2 TONS/ACRE (3 TONS/ACRE IN CLAY SOILS)
   FERTILIZER - 1,000 LBS/ACRE - 10-10-10
   SUPERPHOSPHATE - 500 LBS/ACRE 20% ANALYSIS
   MULCH - 2 TONS/ACRE - SMALL GRAIN STRAW
   ANCHOR - ASPHALT EMULSION @ 300 GALS/ACRE

   SOD PREPARATION:
   FOLLOW PREPARATION AS DIRECTED FOR STEPS 1-5 ABOVE. IMMEDIATELY WATER SOD UPON INSTALLATION AND CONTINUE UNTIL ROOTS ARE ESTABLISHED.

10. CONTRACTOR SHALL WATER AND MAINTAIN ALL LAWN AREAS UNTIL AN ACCEPTABLE STAND OF GRASS HAS BEEN ESTABLISHED.
11. ONCE AN ACCEPTABLE STAND OF GRASS HAS BEEN ESTABLISHED, THE CONTRACTOR SHALL REPAIR ALL DAMAGED AREAS AND MONITOR THE LAWN AREAS UNTIL THE GRASS REACHES A HEIGHT OF 4 INCHES TALL.
12. AT THE TIME THE GRASS REACHES A HEIGHT OF 4 INCHES TALL, THE CONTRACTOR SHALL MOW THE GRASS TO THE HEIGHT OF 3 INCHES AND TURN OVER THE LAWN MAINTENANCE TO THE OWNER.
13. AN ACCEPTABLE STAND OF GRASS SHALL BE 92% COVERAGE OR BETTER.

LANDSCAPE NOTES:

1. THE GENERAL CONTRACTOR SHALL LEAVE THIS SITE AT FINISHED GRADE. THE LANDSCAPE CONTRACTOR SHALL REVISE GRADES AT A MINIMUM TO ENSURE SMOOTH TRANSITIONS BETWEEN PLANTING BEDS AND LAWN AREAS.
2. PLANT GUARANTEE: ALL PLANTS SHALL BE GUARANTEED TO LIVE FOR TWELVE MONTHS. THE GUARANTEE SHALL COMMENCE UPON FINAL ACCEPTANCE OF THE PROJECT. IF ANY PLANTS ARE DEAD OR IN AN UNHEALTHY CONDITION BEFORE FINAL ACCEPTANCE, THE LANDSCAPE CONTRACTOR SHALL REPLACE THEM AT HIS EXPENSE. THIS REPLACEMENT SHALL NOT BE CONSIDERED A GUARANTEED REPLACEMENT.
3. ALL PLANTING SHALL BE PLACED WITHIN A MULCHED PLANTING BED. ALL STRAPPING AND THE TOP 2/3 OF WIRE BASKETS MUST BE CUT AWAY AND REMOVED FROM ROOT BALLS PRIOR TO BACKFILLING PLANTING PIT. REMOVE TOP 1/3 OF BURLAP FROM ROOT BALL.
4. ALL LANDSCAPE WORK SHALL BE IN ACCORDANCE WITH CURRENT CITY STANDARD DETAILS AND SPECIFICATIONS.
5. ALL AREAS NOT MULCHED SHALL BE SEEDED OR SODDED IN ACCORDANCE WITH THE AREA SPECIFIED ON PLANS WITH 'REBEL II' HYBRID TALL FESCUE OR EQUIVALENT AS PRESCRIBED IN THE SEEDING SCHEDULE AS SHOWN ON THIS SHEET.
6. SITE LIGHTING SHALL NOT BE PLACED IN CONFLICT WITH PLANTED TREES.
7. TREE PROTECTION FENCING TO BE PROVIDED AROUND TREE PRESERVATION AREAS IN ACCORDANCE WITH CITY STANDARDS.
8. COORDINATE ALL WORK WITH SITE LAYOUT AND SITE GRADING, DRAINAGE & UTILITIES PLAN.
9. VERIFY LOCATION OF UTILITIES BEFORE PLANTING.
10. MULCH ALL AREAS, THAT ARE NOT SEEDED OR SODDED, WITH SHREDDED HARDWOOD MULCH TO A DEPTH OF 3"-4".
11. THE SELECTION AND INSTALLATION OF PLANTS AND PLANTING METHODS SHALL CONFORM WITH THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN OR THE CITY STANDARD DETAILS AND SPECIFICATIONS, WHICHEVER IS STRICTER.
12. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES. DRAWINGS SHALL RULE OVER PLANT LISTS.
13. SUBSTITUTIONS SHALL BE SUBMITTED TO LANDSCAPE ARCHITECT FOR APPROVAL, PRIOR TO INSTALLATION. SUBSTITUTIONS MAY REQUIRE ADDITIONAL APPROVAL BY THE GOVERNING JURISDICTION.
14. ALL LANDSCAPING SOIL AND FILL SHALL BE FREE FROM WEEDS, REFUSE, AND DEBRIS AT ALL TIMES.
15. TREES AND LARGE SHRUBS SHALL BE ADEQUATELY SUPPORTED, AS NECESSARY, USING STAKES AND GUYS. SUCH SUPPORTS SHALL BE DESIGNED SO AS TO PROTECT TREES AND SHRUBS FROM INJURY. TREES AND SHRUBS SHALL BE FASTENED TO THE SUPPORT WITH AN ACCEPTABLE COMMERCIAL TREE TIE OF PLASTIC OR HOSE COVERED WIRE.
16. THE MAXIMUM GROWTH HEIGHT OF ANY LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE THREE (3) FEET IN HEIGHT.

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COMMERCIAL SITE DESIGN, PLLC REGISTERED CORPORATION NORTH CAROLINA P-0266 RALEIGH, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 24501 ENGINEER BARRETT 10/15/22

REVISIONS			
NO.	DATE	DESCRIPTION	BY

COMMERCIAL SITE DESIGN
(919) 848-6121, FAX: (919) 848-5741
WWW.CSITEDESIGN.COM
8012 CREEDMOOR ROAD
RALEIGH, NORTH CAROLINA 27613

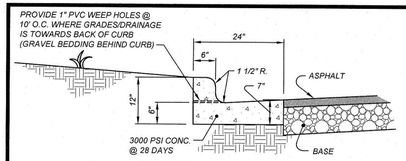
CLIENT/OWNER:
TRACK WEST PARTNERS
445 BISHOP ST NW
ATLANTA, GA 20318
PHONE: (404)913-9131

hwy 55™ 116 BROWNS HILL ROAD
LOCUST, NORTH CAROLINA

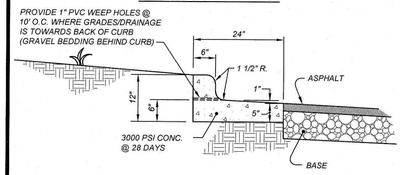
LANDSCAPE PLAN

PROJECT NO.	TRW-2115
FILENAME:	TRW2115-LS
DRAWN BY:	STH
SCALE:	1" = 20'
DATE:	10/15/2021
SHEET NO.	C-7

X:\TRW - Trackwest Partners\2115 - Locust, NC\CAD\TRW2115-LS.dwg, 2/9/2022 10:24:31 AM, chrion



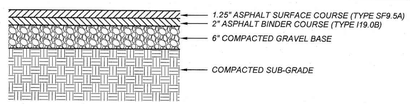
STANDARD CURB & GUTTER



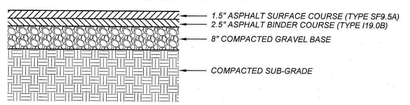
SPILL CURB & GUTTER

NOTES:
1. SCORE CURB / VALLEY GUTTER AT 15' O.C.
2. PROVIDE 1/2" EXPANSION JOINTS AT 90' O.C.
3. CONTRACTION JOINTS SHALL BE SPACED AT 10' INTERVALS. (A 15' SPACING WILL BE ALLOWED WHEN A MACHINE IS USED.)
4. FINISH ALL CONCRETE WITH CURING COMPOUND.

2'-0" STANDARD CURB AND GUTTER



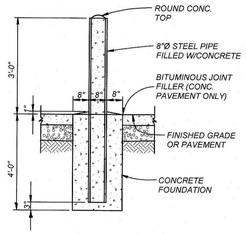
PARKING STALL ASPHALT PAVEMENT



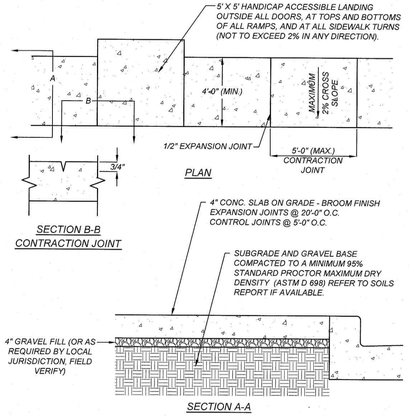
TRAFFIC AISLE ASPHALT PAVEMENT

NOTES:
1. CONTRACTOR SHALL OBTAIN SOILS REPORT, PREPARED BY CONTOUR ENGINEERING, PROJECT NUMBER G21TWP28, DATED NOVEMBER 15, 2021.
2. CONTRACTOR SHALL PLACE BINDER COURSE DURING CONSTRUCTION, THEN PLACE SURFACE COURSE AFTER BUILDING AND SITE CONSTRUCTION.
3. SUBGRADE COMPACTED TO A MINIMUM 98% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 698) REFER TO SOILS REPORT IN NOTE ABOVE.

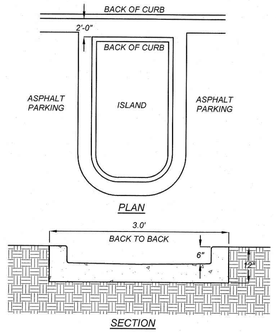
ASPHALT PAVEMENT DETAIL



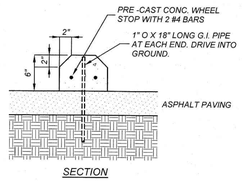
CONCRETE BOLLARD



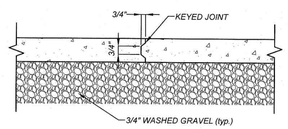
CONCRETE SIDEWALK



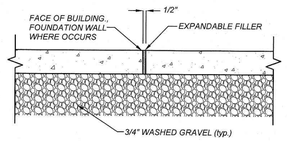
CONCRETE FLUME



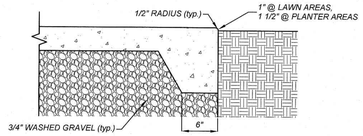
CONCRETE WHEEL STOP



CONSTRUCTION JOINT

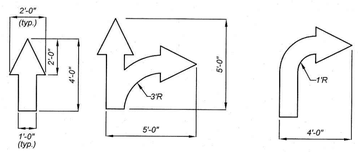


EXPANSION JOINT



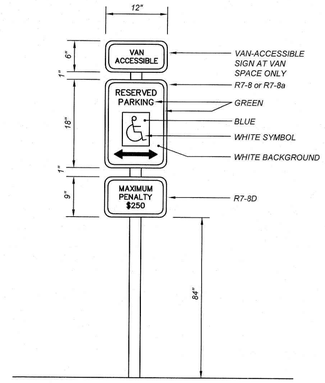
SLAB EDGE

CONCRETE SLAB DETAIL

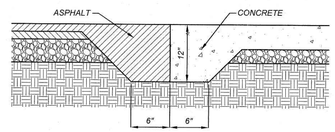


NOTE: ALL TRAFFIC ARROWS TO BE WHITE IN COLOR

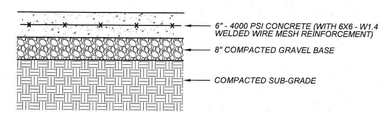
TRAFFIC ARROWS



HANDICAP SIGN DETAIL



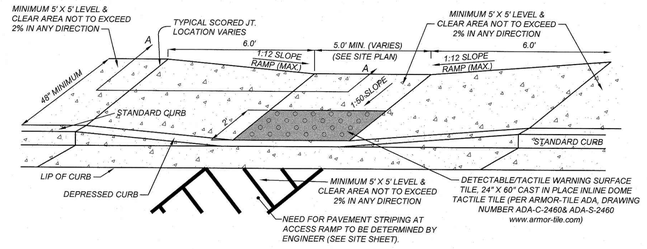
ASPHALT/CONCRETE TRANSITION

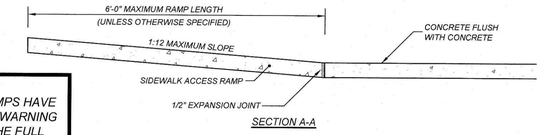


SUBGRADE AND GRAVEL BASE COMPACTED TO A MINIMUM 95% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 698) REFER TO SOILS REPORT IF AVAILABLE.

NOTES:
CONTRACTOR SHALL OBTAIN SOILS REPORT PREPARED BY CONTOUR ENGINEERING, PROJECT NUMBER G21TWP28, DATED NOVEMBER 15, 2021.

CONCRETE PAVEMENT DETAIL





SECTION A-A

NOTE TO CONTRACTOR:
ALL PROPOSED HANDICAP RAMPS HAVE ADA COMPLIANT DETECTABLE WARNING SURFACES, WHICH MUST BE THE FULL LENGTH OF THE RAMP LANDING

FLUSH HANDICAP RAMP DETAIL

REVISIONS			
NO.	DATE	DESCRIPTION	BY

COMMERCIAL SITE DESIGN
(919) 848-4721, FAX: (919) 848-3741
WWW.CSITEDESIGN.COM
6812 CREEDMOOR ROAD
RALEIGH, NORTH CAROLINA 27613

CLIENT/OWNER:
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445 BISHOP ST NW
ATLANTA, GA 20318
PHONE: (404)913-9131

Hwy 55™ 116 BROWNS HILL ROAD
LOCUST, NORTH CAROLINA

DETAILS

COMMERCIAL SITE DESIGN, PLLC
REGISTERED CORPORATION
P-0266
RALEIGH, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 2450 WILLIAM E. MITCHETT

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PROJECT NO.	TRW-2115
FILENAME:	TRW211-DTL1
DRAWN BY:	STH
SCALE:	N.T.S.
DATE:	10/15/2021
SHEET NO.	C-8

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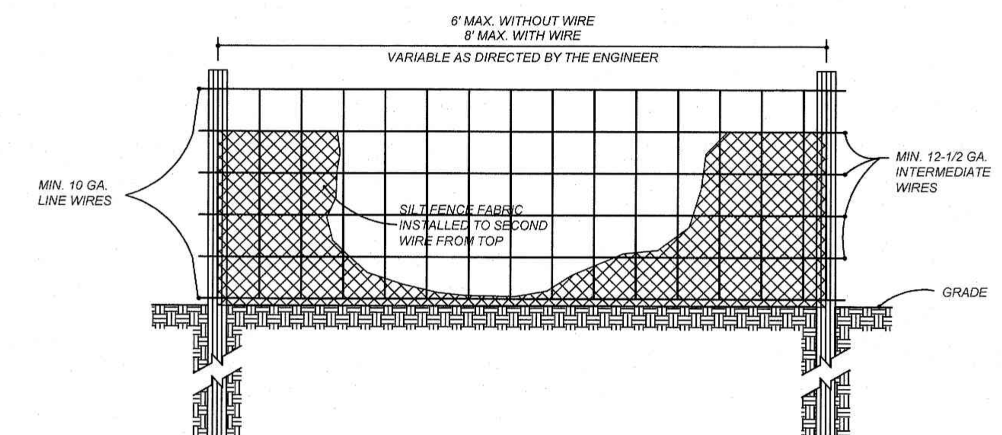
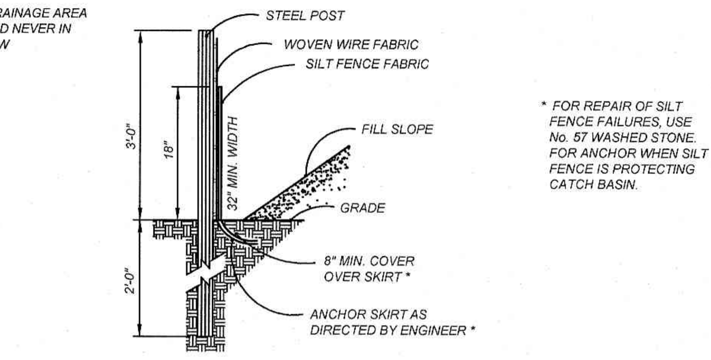


FRONT VIEW

NOTE:
-USE SILT FENCE ONLY WHEN DRAINAGE AREA DOES NOT EXCEED 1/4 ACRE AND NEVER IN AREAS OF CONCENTRATED FLOW



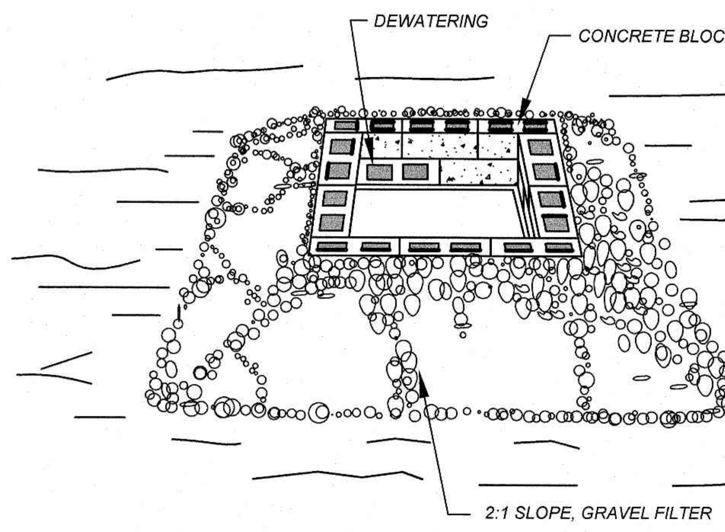
* FOR REPAIR OF SILT FENCE FAILURES, USE No. 57 WASHED STONE. FOR ANCHOR WHEN SILT FENCE IS PROTECTING CATCH BASIN.

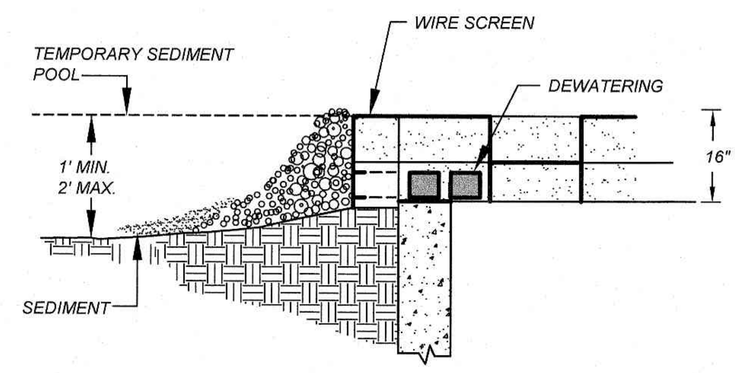
SIDE VIEW

MAINTENANCE:

INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT IMMEDIATELY. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. REMOVE SEDIMENT WHEN IT REACHES 1/2 HEIGHT OF THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

STANDARD TEMPORARY SILT FENCE

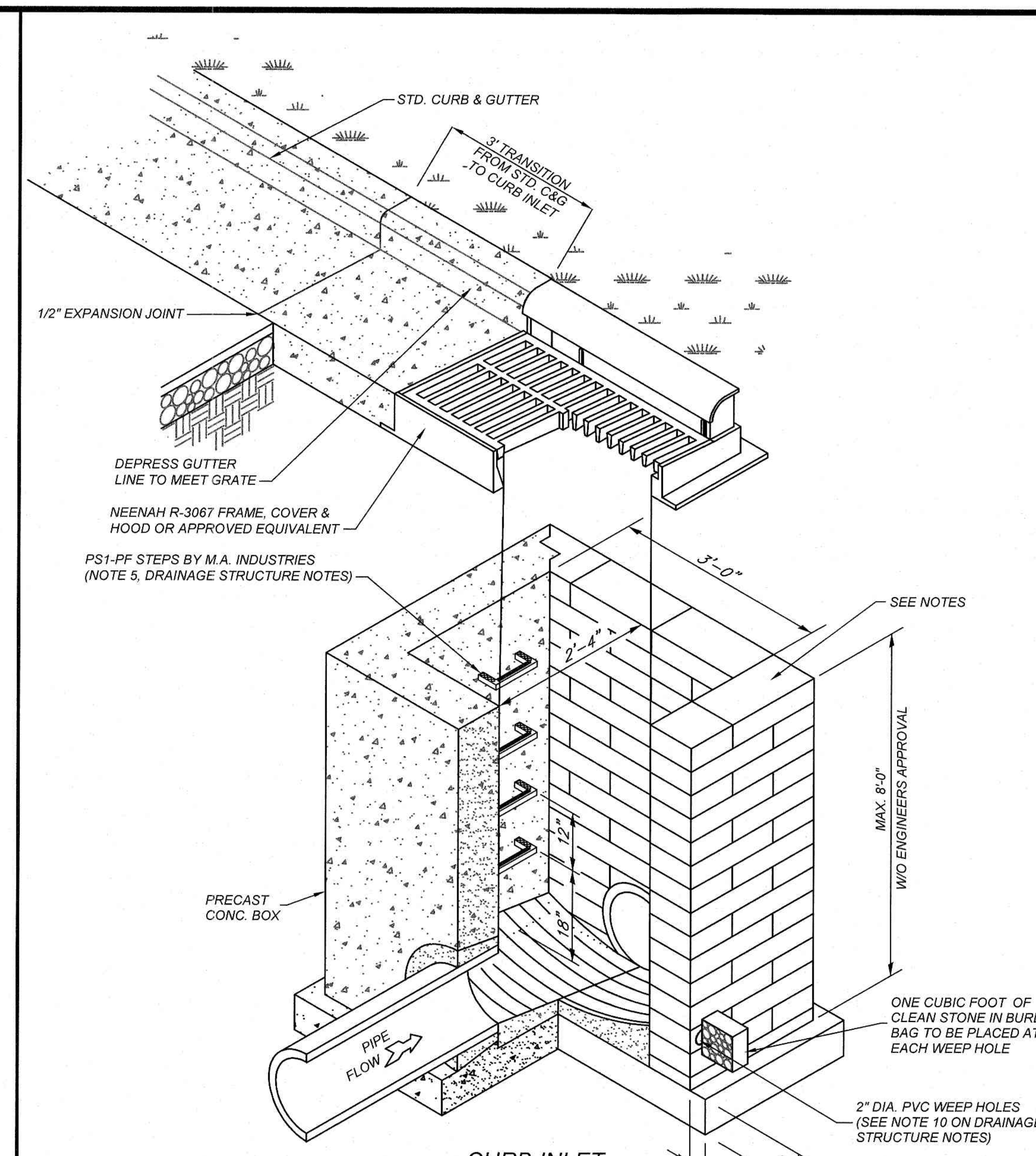




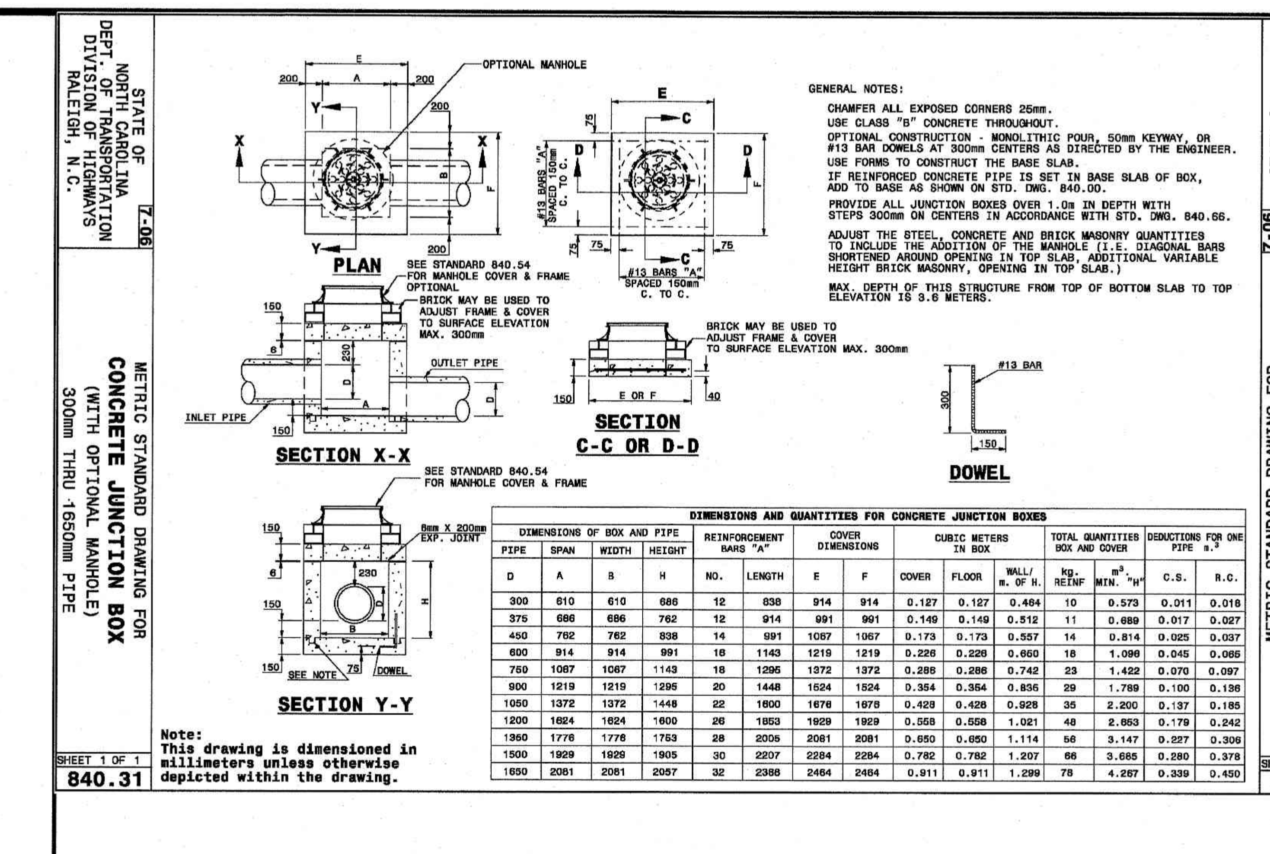
CONSTRUCTION SPECIFICATIONS

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW POOL DRAINAGE. THE FOUNDATION SHOULD BE EXCAVATED AT LEAST 2 INCHES BELOW THE CREST OF THE STORM DRAIN. PLACE THE BOTTOM ROW OF BLOCKS AGAINST THE EDGE OF THE STORM DRAIN FOR LATERAL SUPPORT AND TO AVOID WASHOUTS WHEN OVERFLOW OCCURS. IF NEEDED, GIVE LATERAL SUPPORT TO SUBSEQUENTROWS BY PLACING 2 X 4 WOOD STUDS THROUGH BLOCK OPENINGS.
2. CAREFULLY FIT HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2-INCH OPENINGS OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
3. USE CLEAN GRAVEL, 3/4- TO 1/2-INCH IN DIAMETER, PLACED 2 INCHES BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER AND SMOOTH IT TO AN EVEN GRADE. DOT #57 WASHED STONE IS RECOMMENDED.

BLOCK AND GRAVEL DROP INLET PROTECTION



CURB INLET



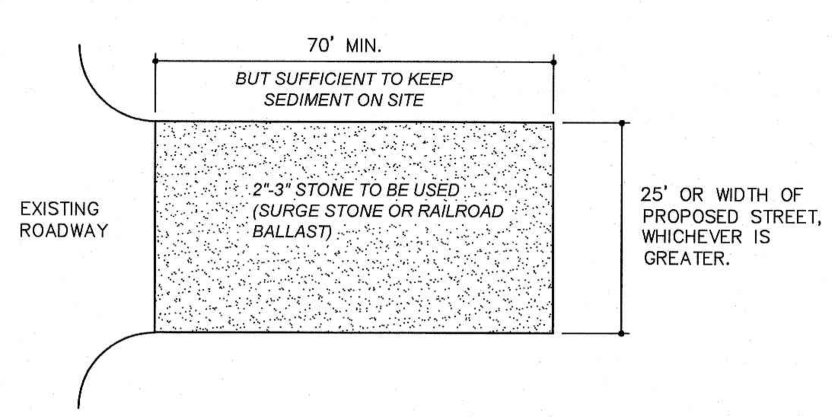
DIMENSIONS AND QUANTITIES FOR CONCRETE JUNCTION BOXES

DIMENSIONS OF BOX AND PIPE				REINFORCEMENT BARS "A"		COVER DIMENSIONS		CUBIC METERS IN BOX			TOTAL QUANTITIES BOX AND COVER		DEDUCTIONS FOR ONE PIPE m.³	
PIPE	SPAN	WIDTH	HEIGHT											
D	A	B	H	NO.	LENGTH	E	F	COVER	FLOOR	WALL/ m. OF H.	kg. REINF	m³. MIN. "H"	C.S.	R.C.
300	610	610	686	12	838	914	914	0.127	0.127	0.464	10	0.573	0.011	0.018
375	686	686	762	12	914	991	991	0.149	0.149	0.512	11	0.689	0.017	0.027
450	762	762	838	14	991	1067	1067	0.173	0.173	0.557	14	0.814	0.025	0.037
600	914	914	991	16	1143	1219	1219	0.226	0.226	0.650	18	1.098	0.045	0.065
750	1067	1067	1143	18	1295	1372	1372	0.286	0.286	0.742	23	1.422	0.070	0.097
900	1219	1219	1295	20	1448	1524	1524	0.354	0.354	0.836	29	1.789	0.100	0.136
1050	1372	1372	1448	22	1600	1676	1676	0.428	0.428	0.928	35	2.200	0.137	0.185
1200	1624	1624	1600	26	1853	1929	1929	0.558	0.558	1.021	48	2.653	0.179	0.242
1350	1776	1776	1753	28	2005	2081	2081	0.650	0.650	1.114	56	3.147	0.227	0.306
1500	1929	1929	1905	30	2207	2284	2284	0.782	0.782	1.207	66	3.685	0.280	0.378
1650	2081	2081	2057	32	2388	2464	2464	0.911	0.911	1.299	78	4.267	0.339	0.450

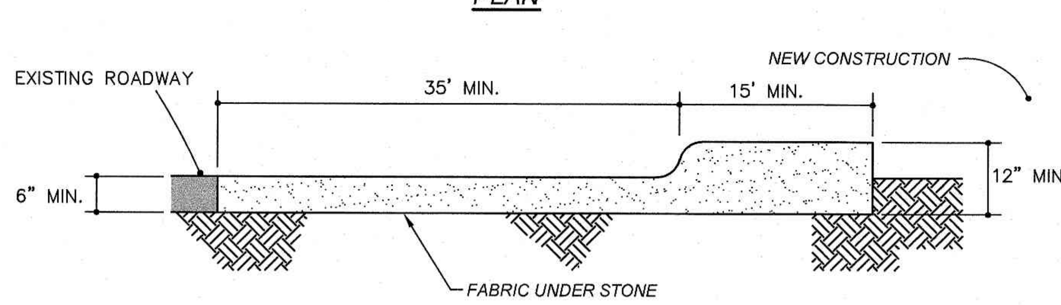
Note:
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

NOTES:

1. PUT SILT FENCE OR TREE PROTECTION FENCE UP TO ENSURE CONSTRUCTION ENTRANCE IS USED.
2. IF CONSTRUCTION ON THE SITES ARE SUCH THAT THE MUD IS NOT REMOVED BY THE VEHICLE TRAVELING OVER THE STONE, THEN THE TIRES OF THE VEHICLES MUST BE WASHED BEFORE ENTERING THE PUBLIC ROAD.

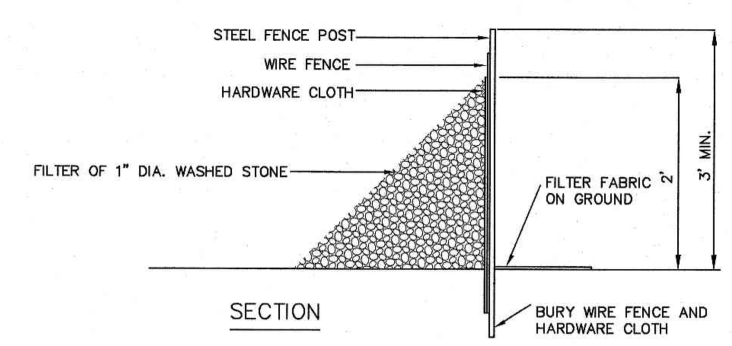


PLAN

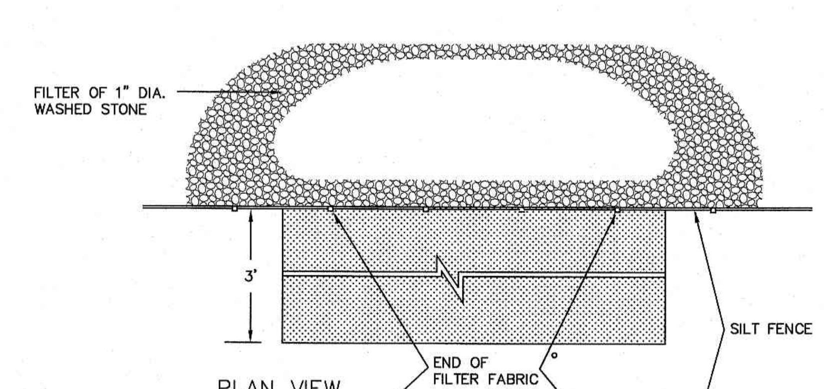


CROSS SECTION

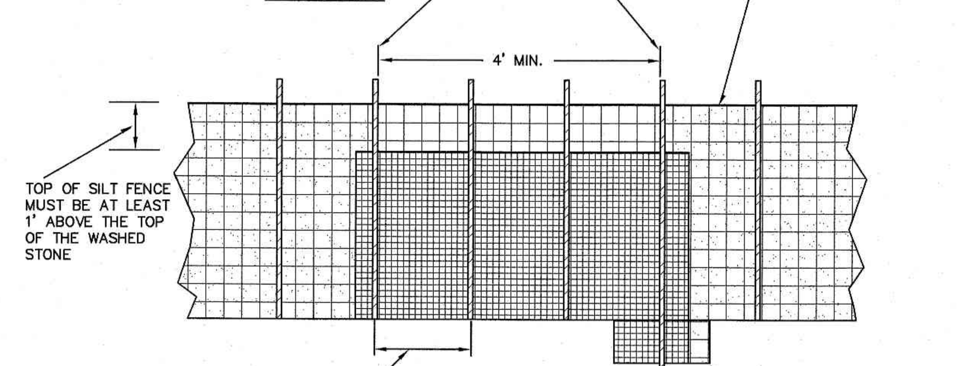
CONSTRUCTION ENTRANCE



SECTION



PLAN VIEW



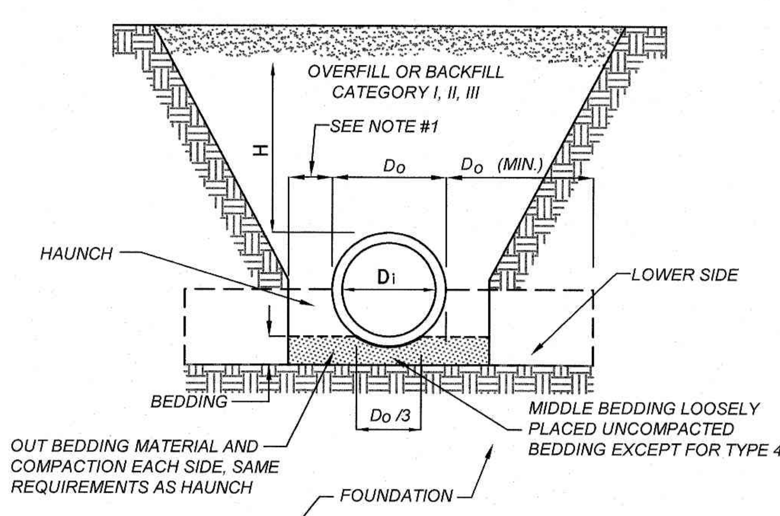
FRONT VIEW

MAINTENANCE:

1. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAINFALL AND REPAIRS MADE AS NEEDED.
2. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
3. STRUCTURE SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
4. INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT IMMEDIATELY. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. REMOVE SEDIMENT WHEN IT REACHES 1/2 HEIGHT OF THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

SILT FENCE GRAVEL OUTLET

(N.T.S.)



NOTE 1: CLEARANCE BETWEEN PIPE AND TRENCH WALL SHALL BE ADEQUATE TO ENABLE SPECIFIC COMPACTION, BUT NOT LESS THAN $D_O/6$.

INSTALLATION TYPE	BEDDING THICKNESS	HAUNCH AND OUTER BEDDING	LOWER SIDE
TYPE I	D_O/24 MINIMUM; NOT LESS THAN 3 IN. IF ROCK FOUNDATION, USE D_O/12 MINIMUM; NOT LESS THAN 6 IN.	95% CATEGORY I	UNDISTURBED NATURAL SOIL WITH FIRMNESS EQUIVALENT TO THE FOLLOWING PLACED SOILS: 90% CATEGORY I, 95% CATEGORY II, OR 100% CATEGORY III, OR EMBANKMENT TO THE SAME REQUIREMENTS.

1. COMPACTION AND SOIL SYMBOLS, THAT IS, 95% CATEGORY I, REFER TO CATEGORY I SOIL MATERIAL WITH A MINIMUM STANDARD PROCTOR COMPACTION OF 95%.
2. THE TRENCH TOP ELEVATION SHALL BE NO LOWER THAN 0.1 H BELOW FINISHED GRADE OR, FOR ROADWAYS, ITS TOP SHALL BE NO LOWER THAN AN ELEVATION OF 1 FT BELOW THE BOTTOM OF THE PAVEMENT BASE MATERIAL.
3. WHEN THE TRENCH WIDTH SPECIFIED MUST BE EXCEEDED, THE ENGINEER SHALL BE NOTIFIED.
4. SOIL IN BEDDING AND HAUNCH ZONES SHALL BE COMPACTED TO AT LEAST THE SAME COMPACTION AS SPECIFIED FOR THE MAJORITY OF SOIL IN THE BACKFILL ZONE.
5. THE TRENCH WIDTH SHALL BE WIDER THAN SHOWN IF REQUIRED FOR ADEQUATE SPACE TO ATTAIN THE SPECIFIED COMPACTION IN THE HAUNCH AND BEDDING ZONES.
6. FOR TRENCH WALLS THAT ARE WITHIN 10 DEGREES OF VERTICAL, THE COMPACTION FIRMNESS OF THE SOIL IN THE TRENCH WALLS AND LOWER SIDE ZONE NEED NOT BE CONSIDERED. SEE NOTE 3.
7. FOR TRENCH WALLS GREATER THAN 10 DEGREE SLOPES THAT CONSIST OF EMBANKMENT, THE LOWER SIDE SHALL BE COMPACTED TO AT LEAST THE SAME COMPACTION AS SPECIFIED FOR THE SOIL IN BACKFILL ZONE. SEE NOTE 3.
8. REQUIRED BEDDING THICKNESS IS THE THICKNESS OF THE BEDDING AFTER THE PLACEMENT OF THE PIPE ON THE BEDDING AND PRIOR TO THE PLACEMENT OF THE BACKFILL.

TYPE I - TRENCH DETAIL

Know what's **below.**
Call before you dig.
nc811.org or 1-800-632-4949

COMMERCIAL SITE DESIGN, PLLC
REGISTERED CORPORATION
P-0266
RALEIGH, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 24501 WILLIAM BRIAN BURCHETT
2/9/22

DRAINAGE STRUCTURE NOTES

1. BOXES SHALL COMPLY WITH LOCAL JURISDICTIONAL STANDARDS AND SPECIFICATIONS.
2. ANY NONSTANDARD BOX IS TO BE DESIGNED BY A PROFESSIONAL ENGINEER.
3. THE MAXIMUM HEIGHT OF AN UN-REINFORCED MASONRY DRAINAGE STRUCTURE WITH 8" WALLS SHALL BE LIMITED TO 8'-0" FROM INVERT OF THE OUTLET PIPE TO THE TOP OF THE CASTING. DEPTHS GREATER THAN 8'-0" SHALL HAVE WALLS 12" THICK. BASINS OVER 12' IN TOTAL DEPTH SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER. FOUR INCH WALLS ARE NOT ALLOWED ON DRAINAGE STRUCTURES. BOTTOM SLAB ON STRUCTURES SHALL BE REINFORCED WHEN BOX DEPTHS EXCEEDS 8 FT.
4. STEPS ARE TO BE PROVIDED ON ALL BASINS DEEPER THAN 42".
5. STEPS ARE TO BE PS1-PF AS MANUFACTURED BY M.A. INDUSTRIES OR AN APPROVED EQUAL. LOCATE ON NON-PIPE WALLS.
6. MORTAR IN MASONRY BOXES IS TO BE TYPE M.
7. CLAY BRICK STRUCTURES ARE NOT ALLOWED.
8. CONCRETE PIPE IS TO BE MINIMUM CLASS III.
9. CONCRETE BUILDING BRICK IS TO MEET ASTM C-55, GRADE N, TYPE 1.
10. BASINS LOCATED IN WET AREAS, OR AS OTHERWISE REQUIRED BY THE TOWN ENGINEER, SHALL HAVE WEEP HOLES AS SHOWN ON DETAILS.
11. ALL CAST-IN-PLACE PRECAST CONCRETE DRAINAGE STRUCTURES LOCATED IN PAVED AREAS ACCESSIBLE TO TRUCK LOADINGS TO BE DESIGNED TO MEET AASHTO HS 20-44 LOADING. SEE MANUFACTURERS DETAILS FOR WALL, TOP AND BOTTOM THICKNESS.

NO.	DATE	DESCRIPTION	BY

REVISIONS

COMMERCIAL SITE DESIGN
8312 CREEDMOOR ROAD
RALEIGH, NORTH CAROLINA 27613
(919) 848-6121 FAX: (919) 848-3741
WWW.CSITEDESIGN.COM

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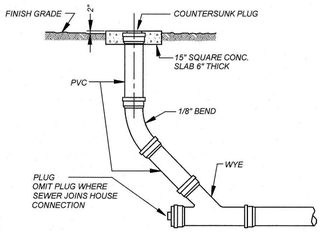
TRACK WEST PARTNERS
445 BISHOP ST NW
ATLANTA, GA 20318
PHONE: (404)913-9131

Hwy 55
116 BROWNS HILL ROAD
LOCUST, NORTH CAROLINA

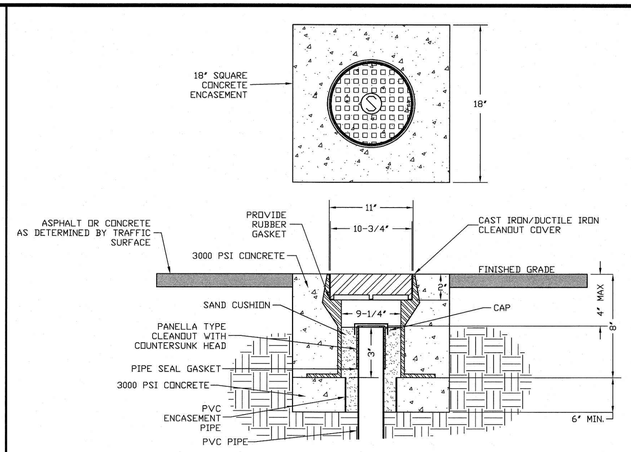
DETAILS

PROJECT NO.	TRW-2115
FILENAME:	TRW2115-DTL2
DRAWN BY:	STH
SCALE:	N.T.S.
DATE:	10/15/2021
SHEET NO.	C-9

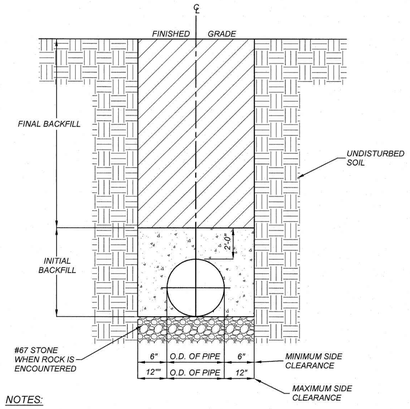
X:\TRW - Trackwest Partners\2115 - Locust, NC\CAD\TRW2115-DTL2.dwg, 2/8/2022 1:43:28 PM, TravisH



SANITARY SEWER CLEANOUT



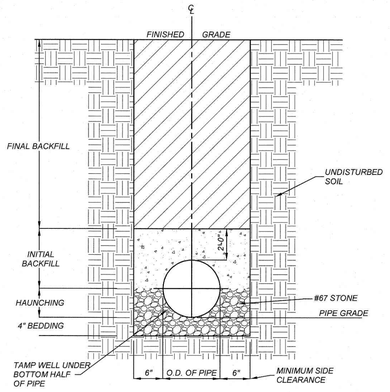
CLEANOUT COVER ASSEMBLY TRAFFIC AREA



NOTES:

1. TRENCHES REQUIRING SHORING AND BRACING, DIMENSIONS SHALL BE TAKEN FROM THE INSIDE FACE OF THE SHORING AND BRACING.
2. NO ROCKS OR BOULDERS 4" OR LARGER TO BE USED IN INITIAL BACKFILL.
3. ALL BACKFILL MATERIAL SHALL BE SUITABLE NATIVE MATERIAL.
4. BACKFILL SHALL BE TAMPED IN 6" LIFTS IN TRAFFIC AREAS, 8"-10" IN NON-TRAFFIC AREAS.
5. ACHIEVE 80% COMPACTION IN NON-TRAFFIC AREAS, AND 98% COMPACTION IN TRAFFIC AREAS.
6. IF IN EASEMENT 4" TOPSOIL, AND 12" CLEAN SELECT FILL IS REQUIRED.
7. NO BOULDERS 8" IN DIAMTER OR GREATER ALLOWED.

TRENCH BOTTOM DIMENSIONS & BACKFILLING REQUIREMENTS FOR DUCTILE IRON AND REINFORCED CONCRETE PIPE



TYPICAL TRENCH BOTTOM DIMENSIONS FOR SDR 35 PVC GRAVITY PIPE

1. FOR TRENCHES REQUIRING SHORING AND BRACING, DIMENSIONS SHALL BE TAKEN FROM THE FACE OF THE SHORING AND BRACING.
2. NO ROCKS OR BOULDERS 4" OR LARGER TO BE USED IN INITIAL BACKFILL.
3. ALL BACKFILL MATERIAL SHALL BE SUITABLE NATIVE MATERIAL.
4. BACKFILL SHALL BE TAMPED IN 6" LIFTS IN TRAFFIC AREAS, 8"-10" IN NON-TRAFFIC AREAS.

TRENCH BOTTOM DIMENSIONS & BACKFILLING REQUIREMENTS FOR PVC GRAVITY SEWER MAIN

TRENCH DETAILS

REVISIONS			
NO.	DATE	DESCRIPTION	BY

COMMERCIAL SITE DESIGN
8312 CREEDMOOR ROAD
RALEIGH, NORTH CAROLINA 27615
(919) 848-6021, FAX: (919) 848-3741
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Hwy 55™ 116 BROWNS HILL ROAD
LOCUST, NORTH CAROLINA

DETAILS

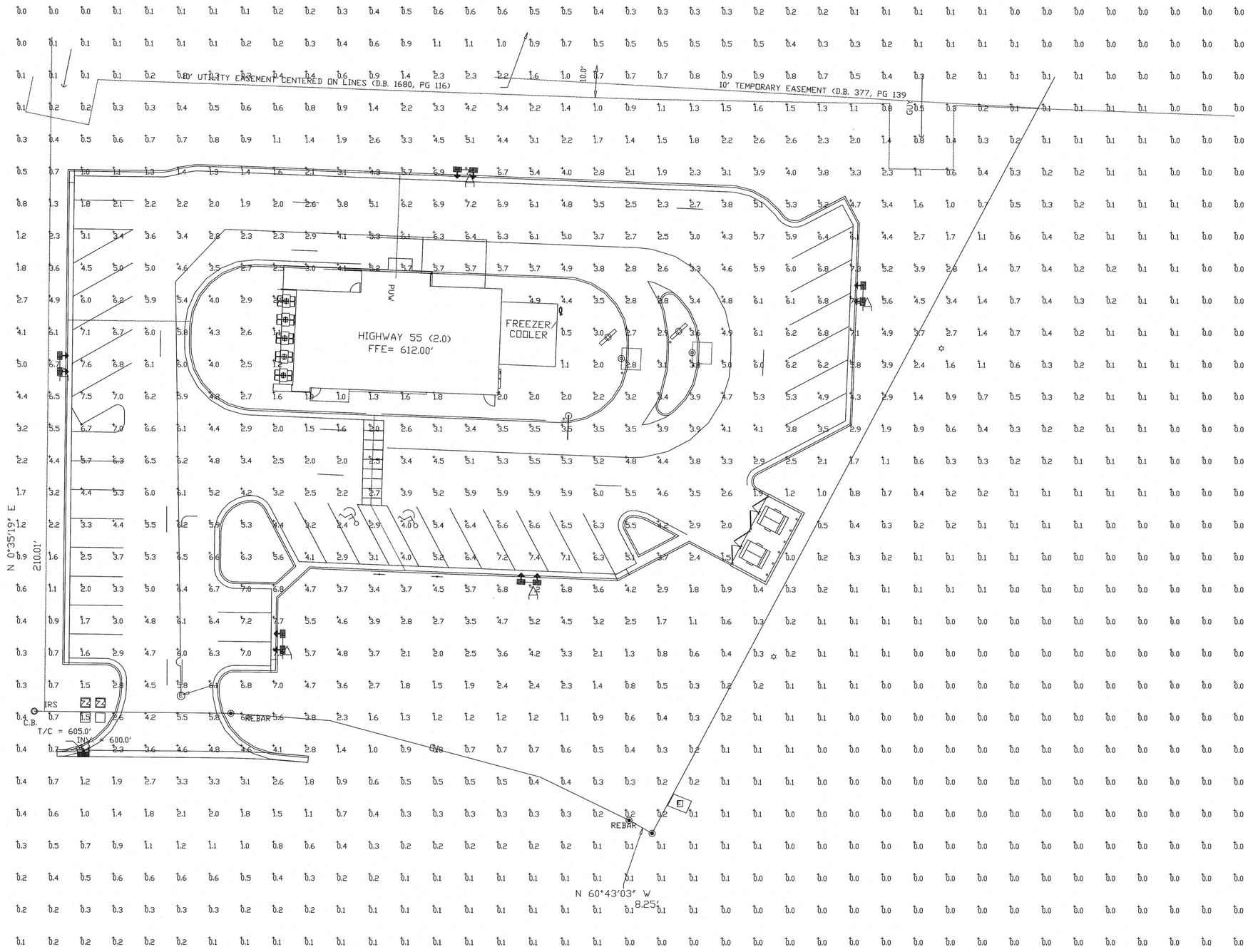
COMMERCIAL SITE DESIGN, PLLC REGISTERED CORPORATION P-0266 RALEIGH, NORTH CAROLINA

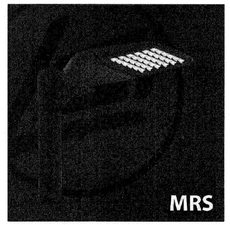
NORTH CAROLINA PROFESSIONAL SEAL 24541 ENGINEER SAM T. HACKETT

811 Know what's below. Call before you dig.
nc811.org or 1-800-632-4949

PROJECT NO.	TRW-2115
FILENAME:	TRW2115-DTL3
DRAWN BY:	STH
SCALE:	N.T.S.
DATE:	10/15/2021
SHEET NO.	C-10

X:\TRW - Trackwest Partners\2115 - Locust, NC\CAD\TRW2115-DTL3.dwg, 2/8/2022 1:44:14 PM, Travis!





Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CALCULATION POINTS @ GRADE	Illuminance	Fc	1.77	7.8	0.0	N.A.	N.A.
PARKING & DRIVING SUMMARY	Illuminance	Fc	4.59	7.6	1.5	3.06	5.07

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Description	LLD	LDD	LLF	Arr. Lum. Lumens	Arr. Watts
	5	A	D180° 2RTD	MRS-LED-24L-SIL-50-70CRI-(1)FT-L;(1)FT-R;30' MH-BLCK	1.000	1.000	1.000	45162	392

Tom Fulton
Shannon and Associates
Office: (704) 210-8228
Cell: (704) 640-6134
t.fulton@shannonandassoc.com

Total Project Watts
Total Watts = 1960

PHOTOMETRIC EVALUATION
NOT FOR CONSTRUCTION

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

COMMERCIAL SITE DESIGN, PLLC
REGISTERED CORPORATION
P-0266
NORTH CAROLINA
RALEIGH, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 24501 ENGINEER WILLIAM BRIAN TURCHETT

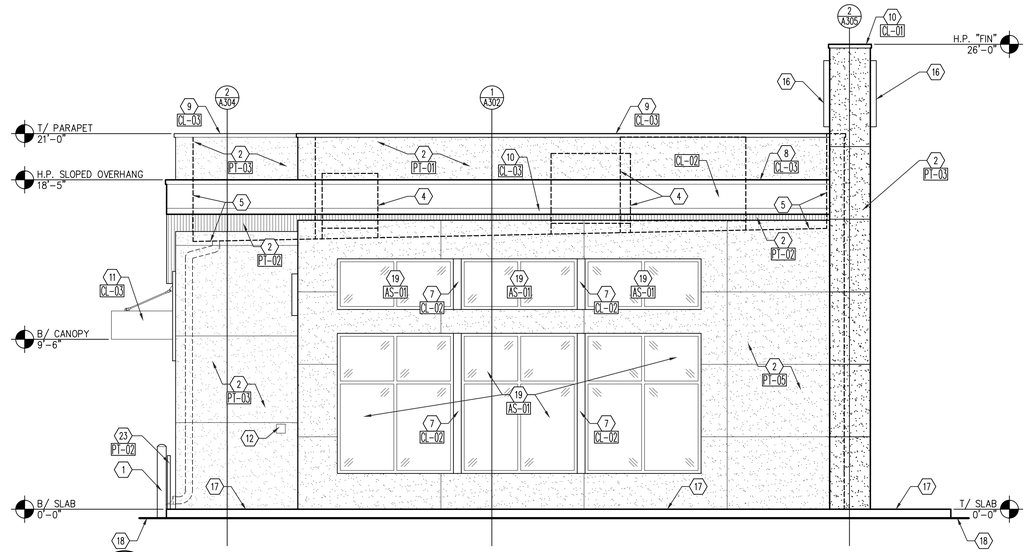
2/17/22

LIGHTING PROPOSAL LD-155121

HWY 55
136 BROWNS HILL ROAD
LOCUST,NC

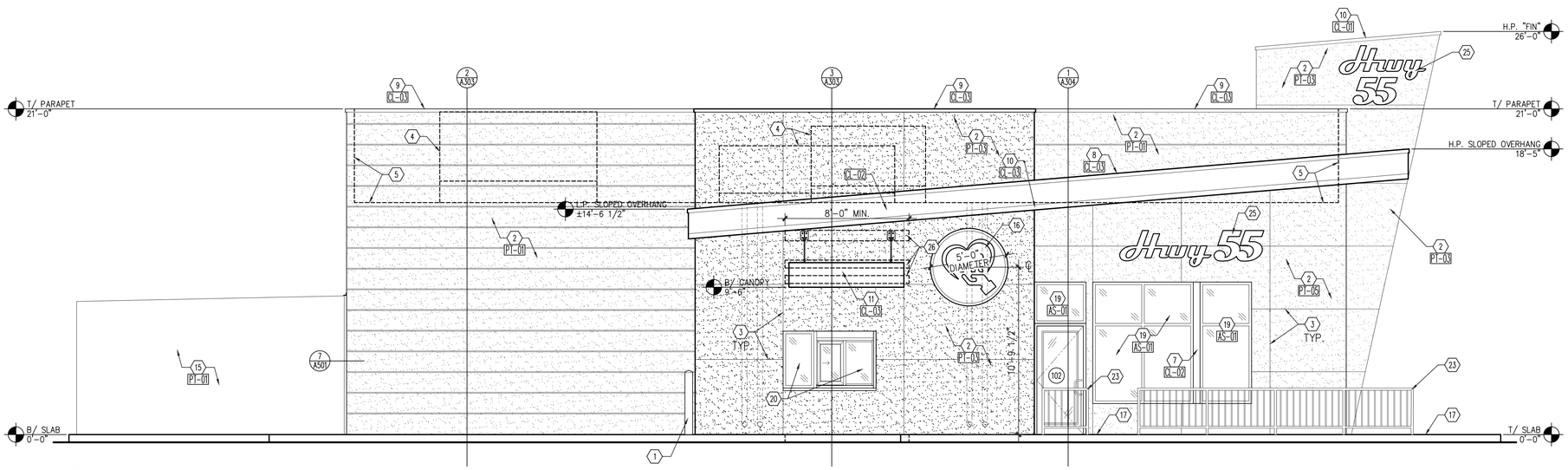
BY:SAM(MVE)	DATE:6/17/22	REV:	SHEET 1 OF 1

SCALE: 1'=16' 0 16



1 / A201 FRONT ELEVATION

SCALE: 1/4"" = 1'-0"



2 / A201 LEFT ELEVATION

SCALE: 1/4"" = 1'-0"

GENERAL NOTES

1. ALL NEW PAINT WORK MUST INCLUDE A 2 YEAR FULL WARRANTY AND A YEAR PRO-RATED LABOR AND MATERIALS WARRANTY.
2. ALL PAINT COLOR SELECTIONS TO BE VERIFIED WITH OWNERS CONSTRUCTION MANAGER BEFORE ORDERING.
3. TOP OF PARAPET TO BE CLAD WITH UNA-CLAD COPING. FINAL SELECTION TO BE VERIFIED WITH OWNER'S CONSTRUCTION MANAGER.
4. ALL PREFABRICATED CANOPY SYSTEMS TO BE FIELD VERIFIED BEFORE FABRICATION.
5. ALL WALL MOUNTED EQUIPMENT SUCH AS ELECTRICAL METERS, IRRIGATION METERS, PHONE/CABLE BOXES, ETERNAL VENTS AND LOUVERS, ETC., SHALL BE PAINTED TO MATCH THE WALL ON WHICH IT IS MOUNTED OR OTHERWISE CONSISTENT WITH THE COLOR(S) OF THE BUILDING.

CONSTRUCTION NOTES

1. PIPE BOLLARD – SEE SITE PLAN.
2. E.I.F.S. MEDIUM SAND FINISH – SEE WALL SECTIONS.
3. E.I.F.S. CONTROL JOINT.
4. OUTLINE OF MECHANICAL EQUIPMENT BEYOND.
5. APPROXIMATE LINE OF ROOF SURFACE BEYOND.
6. SLOPED ROOF SURFACE.
7. CLEAR ANODIZED ALUMINUM BREAK METAL BETWEEN STOREFRONT WINDOWS.
8. CONTINUOUS METAL ROOF EDGE OR DRIP FLASHING – SEE WALL SECTIONS.
9. CONTINUOUS METAL EDGE FLASHING.
10. CONTINUOUS METAL DRIPS FLASHING – SEE DETAIL 2/A501.
11. PRE-FABRICATED HANGER ROD CANOPY SYSTEM SUPPLIED BY SIGN VENDOR, INSTALLED BY GENERAL CONTRACTOR – SEE WALL SECTIONS.
12. KNOX BOX MOUNTED AT 4'-6" A.F.F.
13. ELECTRICAL METER SERVICE – SEE ELECTRICAL DRAWINGS.
14. GAS METER/SERVICE – SEE PLUMBING DRAWINGS.
15. PREMANUFACTURED AND PRIMED COOLER/FREEZER/STORAGE – BY MANUFACTURER. PAINT TO MATCH E.I.F.S.
16. SIGNAGE FEATURE BY OWNER'S VENDOR. GENERAL CONTRACTOR TO COORDINATE INSTALLATION WITH STRUCTURE AND ELECTRICAL. COLOR: RED
17. CONCRETE SIDEWALK/CURB – SEE SITE PLAN.
18. APPROXIMATE GRADE/PAVEMENT.
19. STOREFRONT DOOR/WINDOW SYSTEM – SEE FLOOR PLAN FOR MORE INFORMATION.
20. DRIVE-THRU WNDOW SYSTEM – SEE FLOOR PLAN FOR MORE INFORMATION.
21. HOLLOW METAL DOOR AND FRAME – SEE DOOR SCHEDULE.
22. GREASE COLLECTION UNIT – SEE EQUIPMENT PLAN.
23. PEDESTRIAN GUARD RAIL – SEE CIVIL DRAWINGS.
24. INSULATED METAL DOOR AND HOLLOW METAL FRAME PAINT TO MATCH E.I.F.S. – SEE DOOR SCHEDULE.
25. SIGNAGE FEATURE BY OWNER'S VENDOR. GENERAL CONTRACTOR TO COORDINATE INSTALLATION WITH STRUCTURE AND ELECTRICAL. COLOR: WHITE
26. BLOCKING FOR PRE-FABRICATED HANGER ROD CANOPY SYSTEM BY GENERAL CONTRACTOR – COORDINATE WITH SIGN VENDOR & SEE WALL SECTIONS.

EXTERIOR FINISH SCHEDULE

CL-01	PREFINISHED ALUMINUM EDGE FLASHING – COLOR – RED – SW6866 HEARTTHROB
CL-02	METAL FASCIA/ BRAKE METAL WRAP – MILL FINISH – CLEAR COAT
CL-03	PREFINISHED ALUMINUM EDGE OR DRIP FLASHING – COLOR – BLACK – SW6993 BLACK OF NIGHT
PT-01	E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – GRAY – SW 6002 ESSENTIAL GRAY
PT-02	E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – BLACK – SW6993 BLACK OF NIGHT
PT-03	E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – RED – PMS 20-0069 TPM CANDY APPLE RED
PT-04	E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – WHITE – SW7005 PURE WHITE
AS-01	ALUMINUM STOREFRONT MILL FINISHED – COLOR: CLEAR COAT

* REFER TO THE MOST CURRENT HWY 55 BRAND BOOK FOR ALL INTERIOR AND EXTERIOR COLORS – VERIFY ALL FINISHES WITH OWNER PRIOR TO PURCHASING

LMHT Project No. 22104

THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND MAY NOT BE REPRODUCED OR USED WITHOUT HIS WRITTEN PERMISSION

INRD national restaurant designers
ARCHITECTS & ENGINEERS
3005 Carrington Mill Blvd., Morrisville, NC 27560
ph: 919 544 7251 fax: 919 544 9339
A Division of LMHT Associates

PROJECT: HIGHWAY 55
3.0 PROTOTYPE
116 BROWN HILL ROAD
LOCUST, NORTH CAROLINA 28097

DRAWING: EXTERIOR ELEVATIONS

Revisions

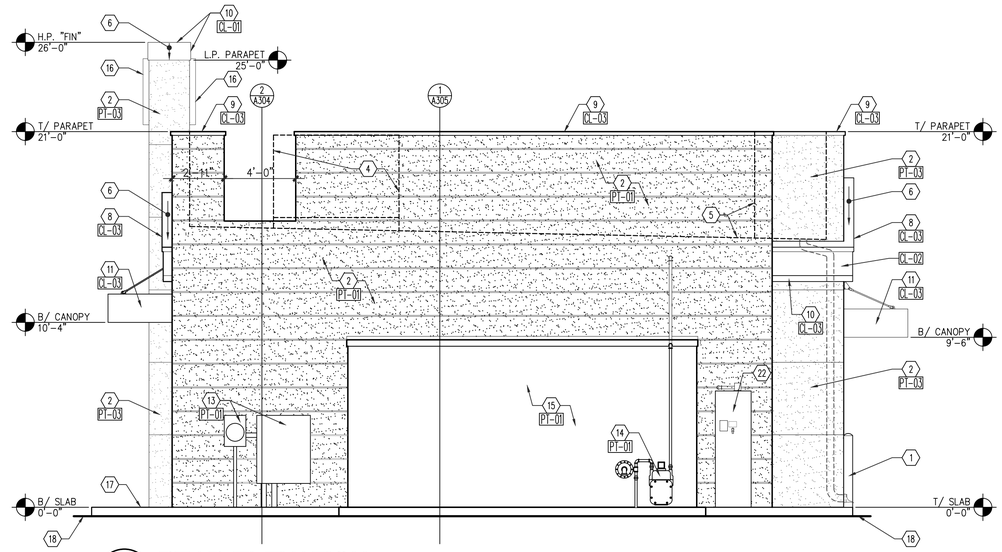
REVISION DATE

PROJECT DATE
03/10/2022

Drawn By
CDK

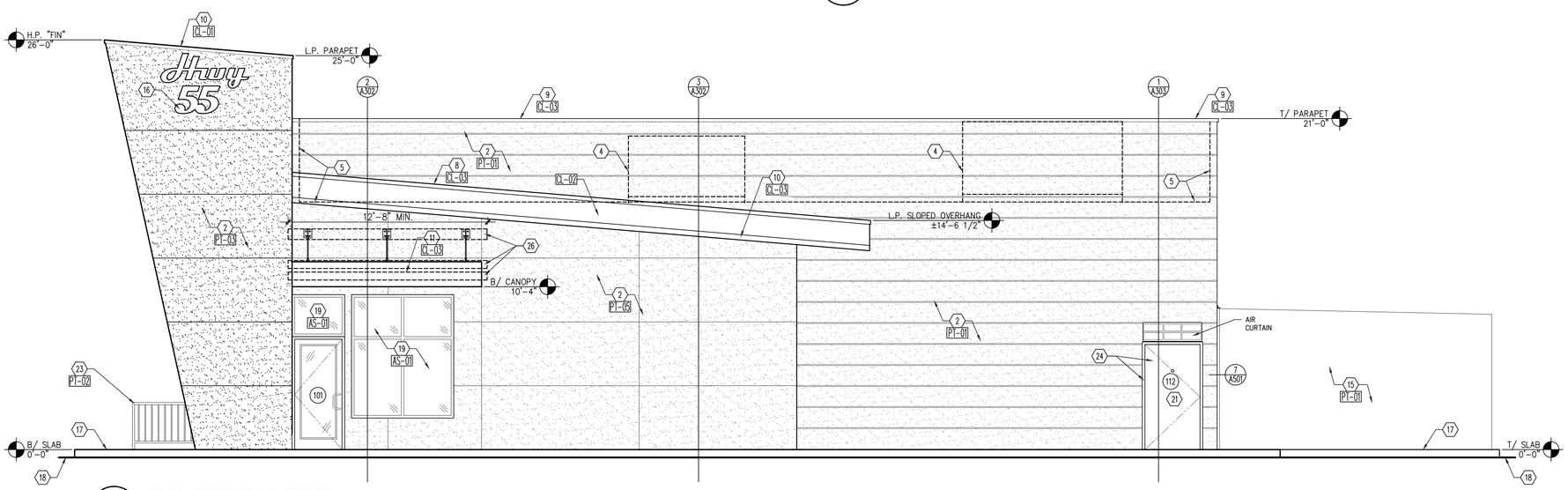
Checked By
GRL

Sheet No.
A201



1 A202 REAR ELEVATION

SCALE: 1/4"" = 1'-0"



2 A202 RIGHT ELEVATION

SCALE: 1/4"" = 1'-0"

GENERAL NOTES

1. ALL NEW PAINT WORK MUST INCLUDE A 2 YEAR FULL WARRANTY AND A YEAR PRO-RATED LABOR AND MATERIALS WARRANTY.
2. ALL PAINT COLOR SELECTIONS TO BE VERIFIED WITH OWNERS CONSTRUCTION MANAGER BEFORE ORDERING.
3. TOP OF PARAPET TO BE CLAD WITH UNA-CLAD COPING. FINAL SELECTION TO BE VERIFIED WITH OWNER'S CONSTRUCTION MANAGER.
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5. ALL WALL MOUNTED EQUIPMENT SUCH AS ELECTRICAL METERS, IRRIGATION METERS, PHONE/CABLE BOXES, ETERNAL VENTS AND LOUVERS, ETC., SHALL BE PAINTED TO MATCH THE WALL ON WHICH IT IS MOUNTED OR OTHERWISE CONSISTENT WITH THE COLOR(S) OF THE BUILDING.

CONSTRUCTION NOTES

1. PIPE BOLLARD – SEE SITE PLAN.
2. E.I.F.S. MEDIUM SAND FINISH – SEE WALL SECTIONS.
3. E.I.F.S. CONTROL JOINT.
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6. SLOPED ROOF SURFACE.
7. CLEAR ANODIZED ALUMINUM BREAK METAL BETWEEN STOREFRONT WINDOWS.
8. CONTINUOUS METAL ROOF EDGE OR DRIP FLASHING – SEE WALL SECTIONS.
9. CONTINUOUS METAL EDGE FLASHING.
10. CONTINUOUS METAL DRIPS FLASHING – SEE DETAIL 2/A501.
11. PRE-FABRICATED HANGER ROD CANOPY SYSTEM SUPPLIED BY SIGN VENDOR, INSTALLED BY GENERAL CONTRACTOR – SEE WALL SECTIONS.
12. KNOX BOX MOUNTED AT 4'-6" A.F.F.
13. ELECTRICAL METER SERVICE – SEE ELECTRICAL DRAWINGS.
14. GAS METER/SERVICE – SEE PLUMBING DRAWINGS.
15. PREMANUFACTURED AND PRIMED COOLER/FREEZER/STORAGE – BY MANUFACTURER. PAINT TO MATCH E.I.F.S.
16. SIGNAGE FEATURE BY OWNER'S VENDOR. GENERAL CONTRACTOR TO COORDINATE INSTALLATION WITH STRUCTURE AND ELECTRICAL. COLOR: RED
17. CONCRETE SIDEWALK/CURB – SEE SITE PLAN.
18. APPROXIMATE GRADE/PAVEMENT.
19. STOREFRONT DOOR/WINDOW SYSTEM – SEE FLOOR PLAN FOR MORE INFORMATION.
20. DRIVE-THRU WINDOW SYSTEM – SEE FLOOR PLAN FOR MORE INFORMATION.
21. HOLLOW METAL DOOR AND FRAME – SEE DOOR SCHEDULE.
22. GREASE COLLECTION UNIT – SEE EQUIPMENT PLAN.
23. PEDESTRIAN GUARD RAIL – SEE CIVIL DRAWINGS.
24. INSULATED METAL DOOR AND HOLLOW METAL FRAME PAINT TO MATCH E.I.F.S. – SEE DOOR SCHEDULE.
25. SIGNAGE FEATURE BY OWNER'S VENDOR. GENERAL CONTRACTOR TO COORDINATE INSTALLATION WITH STRUCTURE AND ELECTRICAL. COLOR: WHITE
26. BLOCKING FOR PRE-FABRICATED HANGER ROD CANOPY SYSTEM BY GENERAL CONTRACTOR – COORDINATE WITH SIGN VENDOR & SEE WALL SECTIONS.

EXTERIOR FINISH SCHEDULE

CL-01	PREFINISHED ALUMINUM EDGE FLASHING – COLOR – RED – SW6866 HEARTTHROB
CL-02	METAL FASCIA/ BRAKE METAL WRAP – MILL FINISH – CLEAR COAT
CL-03	PREFINISHED ALUMINUM EDGE OR DRIP FLASHING – COLOR – BLACK – SW6993 BLACK OF NIGHT
PT-01	E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – GRAY – SW 6002 ESSENTIAL GRAY
PT-02	E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – BLACK – SW6993 BLACK OF NIGHT
PT-03	E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – RED – PMS 20-0069 TPM CANDY APPLE RED
PT-05	E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – WHITE – SW7005 PURE WHITE
AS-01	ALUMINUM STOREFRONT MILL FINISHED – COLOR: CLEAR COAT

* REFER TO THE MOST CURRENT HWY 55 BRAND BOOK FOR ALL INTERIOR AND EXTERIOR COLORS – VERIFY ALL FINISHES WITH OWNER PRIOR TO PURCHASING

LMHT Project No. 22104

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ph: 919 544 7251 fax: 919 544 9339
A Division of LMHT Associates

PROJECT: HIGHWAY 55
3.0 PROTOTYPE
116 BROWN HILL ROAD
LOCUST, NORTH CAROLINA 28097

DRAWING: EXTERIOR ELEVATIONS

Revisions

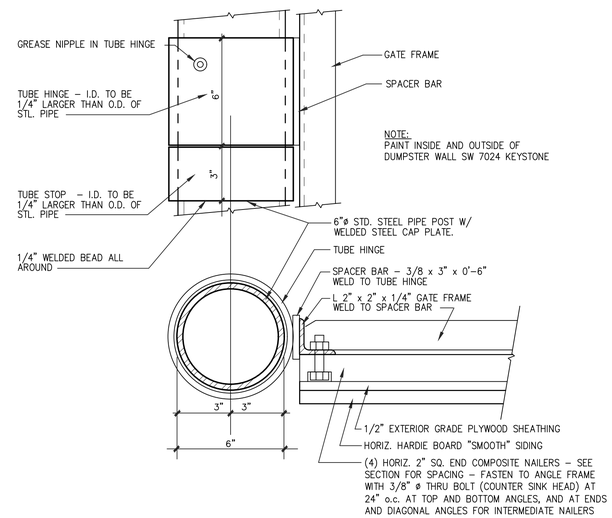
REVISION	DATE

PROJECT DATE
03/10/2022

Drawn By
CDK

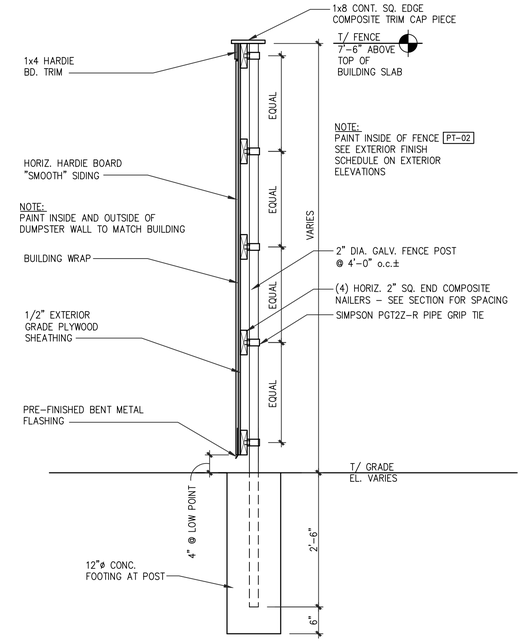
Checked By
GRL

Sheet No.
A202



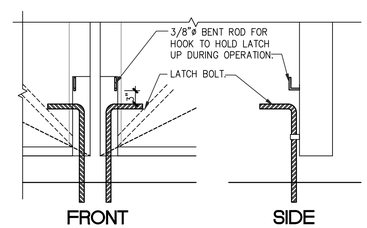
8 AS501 GATE POST HINGE

SCALE: 3" = 1'–0"



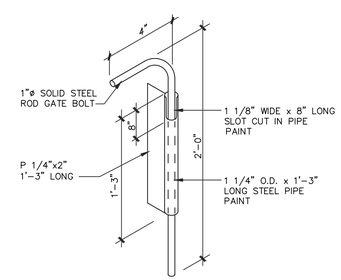
3 AS501 FENCE • PAVEMENT/GRADE

SCALE: 3/4" = 1'–0"



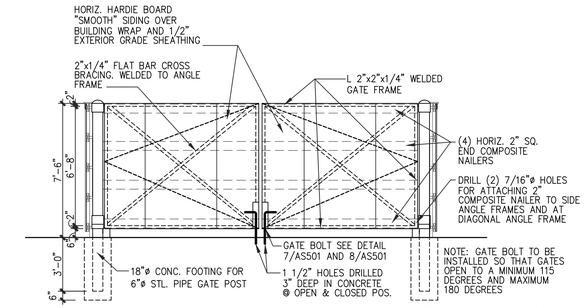
7 AS501 GATE LATCH HOOK

SCALE: 3/4" = 1'–0"



6 AS501 GATE SLIDE BOLT LATCH

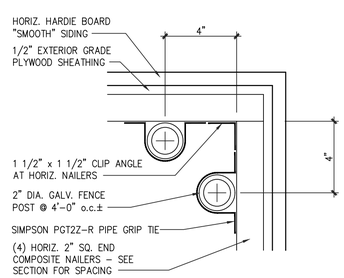
SCALE: N.T.S.



2 AS501 FRONT ELEVATION

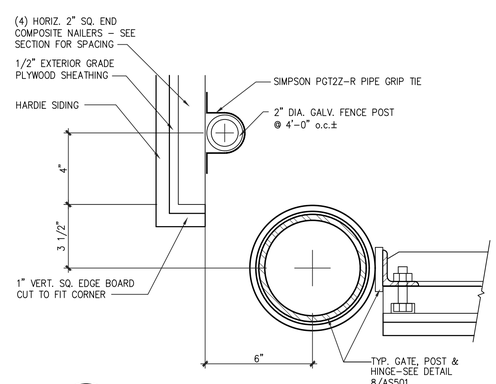
SCALE: 1/4" = 1'–0"

CONTRACTOR TO SEE SITE PLAN FOR SPECIFIC LOCATION ON SITE.



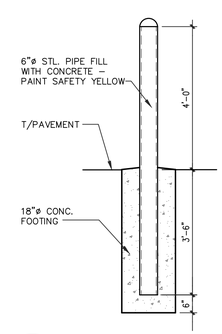
9 AS501 INSIDE CORNER AT FENCE

SCALE: 3" = 1'–0"



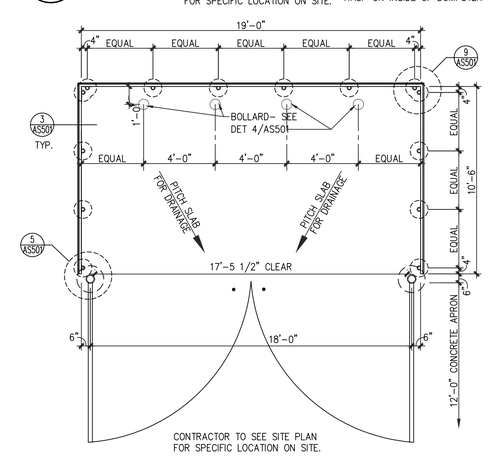
5 AS501 GATE POST AT CORNERS

SCALE: 3" = 1'–0"



4 AS501 TYPICAL BOLLARD

SCALE: 1/2" = 1'–0"



1 AS501 TRASH CORRAL ENCLOSURE

SCALE: 1/4" = 1'–0"

LMHT Project No. 22104

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NRD national restaurant designers
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3005 Carrington Mill Blvd., Morrisville, NC 27560
ph: 919 544 7251 fax: 919 544 9339
A Division of LMHT Associates

PROJECT: *HIGHWAY 55*
3.0 PROTOTYPE
116 BROWN HILL ROAD
LOCUST, NORTH CAROLINA 28097

DRAWING: DUMPSTER ENCLOSURE

Revisions

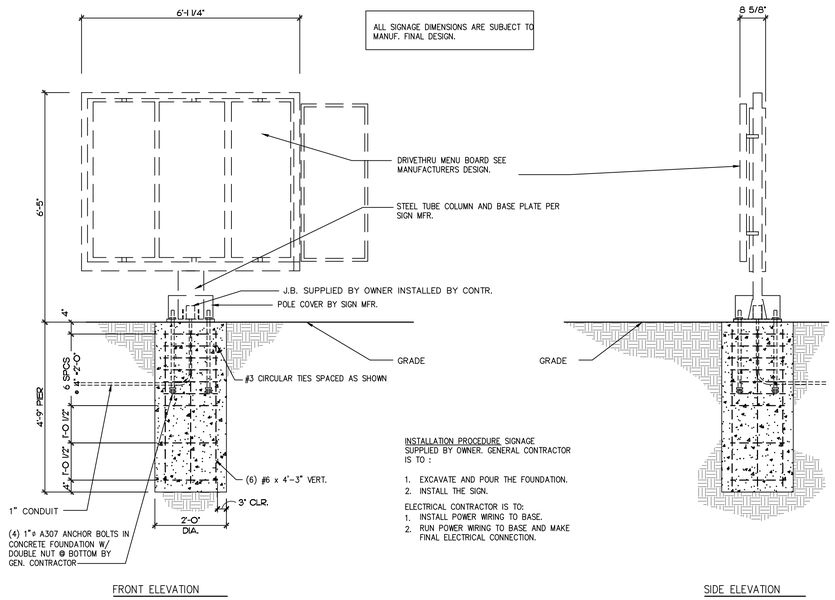
REVISION	DATE

PROJECT DATE 03/10/2022

Drawn By CIH

Checked By GRL

Sheet No. AS501



INSTALLATION PROCEDURE SIGNAGE SUPPLIED BY OWNER. GENERAL CONTRACTOR IS TO :

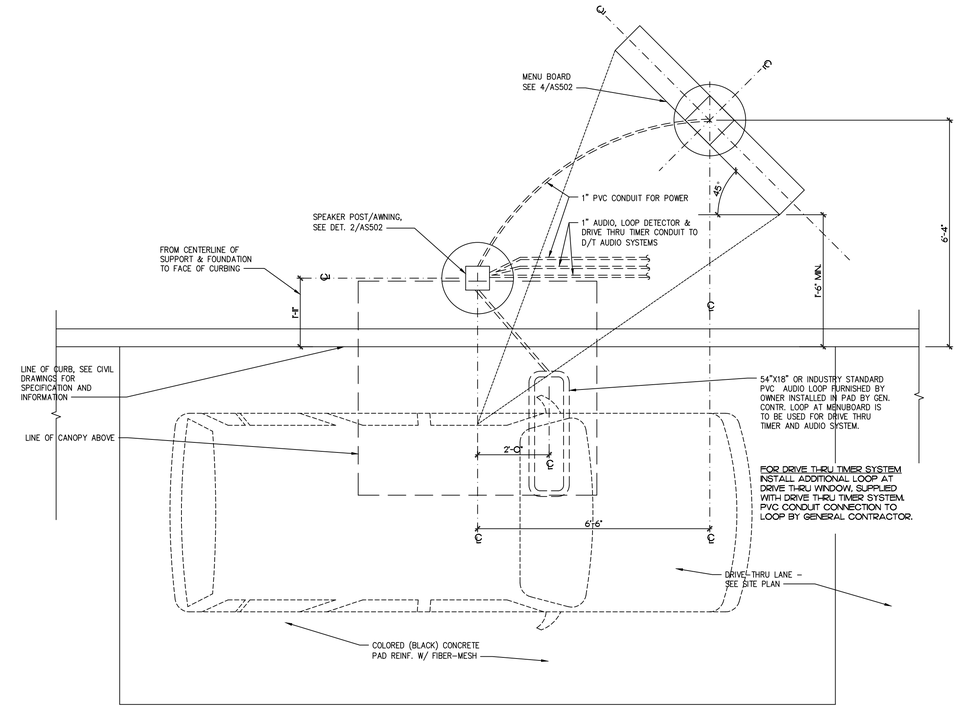
1. EXCAVATE AND POUR THE FOUNDATION.
2. INSTALL THE SIGN.

ELECTRICAL CONTRACTOR IS TO:

1. INSTALL POWER WIRING TO BASE.
2. RUN POWER WIRING TO BASE AND MAKE FINAL ELECTRICAL CONNECTION.

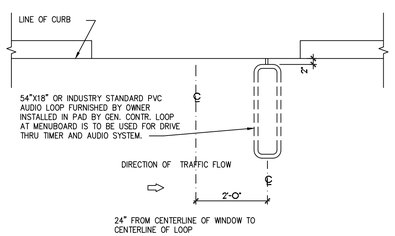
4 AS502 DRIVE THRU MENU BOARD

SCALE: 1/2" = 1'-0"



1 AS502 DRIVE THRU MENU BOARD LAYOUT

SCALE: 1/2" = 1'-0"



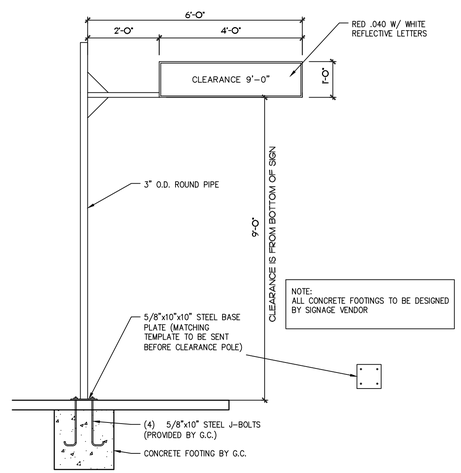
LOOP INSTALLATION AT DRIVE THRU WINDOW FOR TIMER

DRIVE THRU TIMER NOTES

1. DRIVE THRU PAD TO HAVE FIBER-MESH REINFORCING ONLY
2. NO METAL TO RUN WITHIN 24" OF GROUND LOOP, ESPECIALLY SEWER, DRAIN AND WATER PIPES.
3. GROUND LOOP MUST NOT BE BUREID MORE THAN 2" DEEP IN THE CONCRETE.
4. LONG SIDES OF THE LOOP TO BE AT RIGHT ANGLES TO THE CURB OF THE DRIVE.
5. LOOPS AT DRIVE THRU WINDOW TO HAVE DRIVE THRU TIMER CONDUIT ONLY.

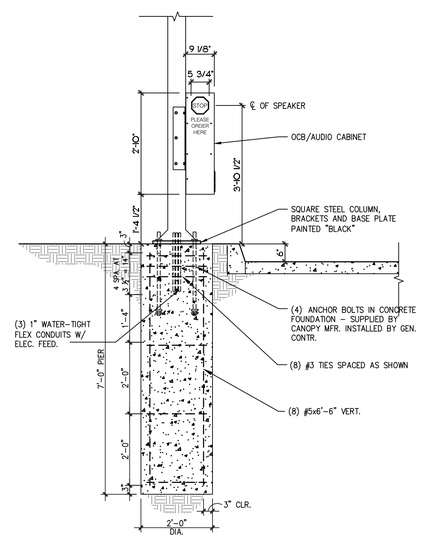
5 AS502 DETECTOR LOOP SCHEMATIC AT DRIVE THRU WINDOW

SCALE: 1/2" = 1'-0"



3 AS502 HEIGHT RESTRICTION BAR

SCALE: 1/2" = 1'-0"



2 AS502 DRIVE-THRU SPEAKER W/ ORDER BOARD

SCALE: 1/2" = 1'-0"

LMHT Project No. 22104

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A Division of LMHT Associates

PROJECT: *HIGHWAY 55*
3.0 PROTOTYPE
116 BROWN HILL ROAD
LOCUST, NORTH CAROLINA 28097

DRAWING: DRIVE THRU DETAILS

Revisions

REVISION	DATE

PROJECT DATE 03/10/2022

Drawn By CIH

Checked By GRL

Sheet No. AS502

INTERIOR TABLE/SEAT CALCULATION

ITEM	DESCRIPTION	FURNITURE QUANTITY	SEATING QUANTITY
80	BAR STOOL	8	8
82	2 TOP TABLE – 24X48	3	6
82HC	4 TOP ADA TABLE – 30X48	2	8
85	BOOTH – 30X48	9	36
TOTAL		22	58

*THIS SEATING ARRANGEMENT ACCOMMODATES 14 TABLES

EXTERIOR TABLE/SEAT CALCULATION

ITEM	DESCRIPTION	FURNITURE QUANTITY	SEATING QUANTITY
87	OUTDOOR – 30X48	2	8
87HC	OUTDOOR – 30X48 – ADA	1	4
87A	OUTDOOR – 36" ROUND TABLE	3	12
87AHC	OUTDOOR – 36" ROUND ADA	1	4
TOTAL		7	28

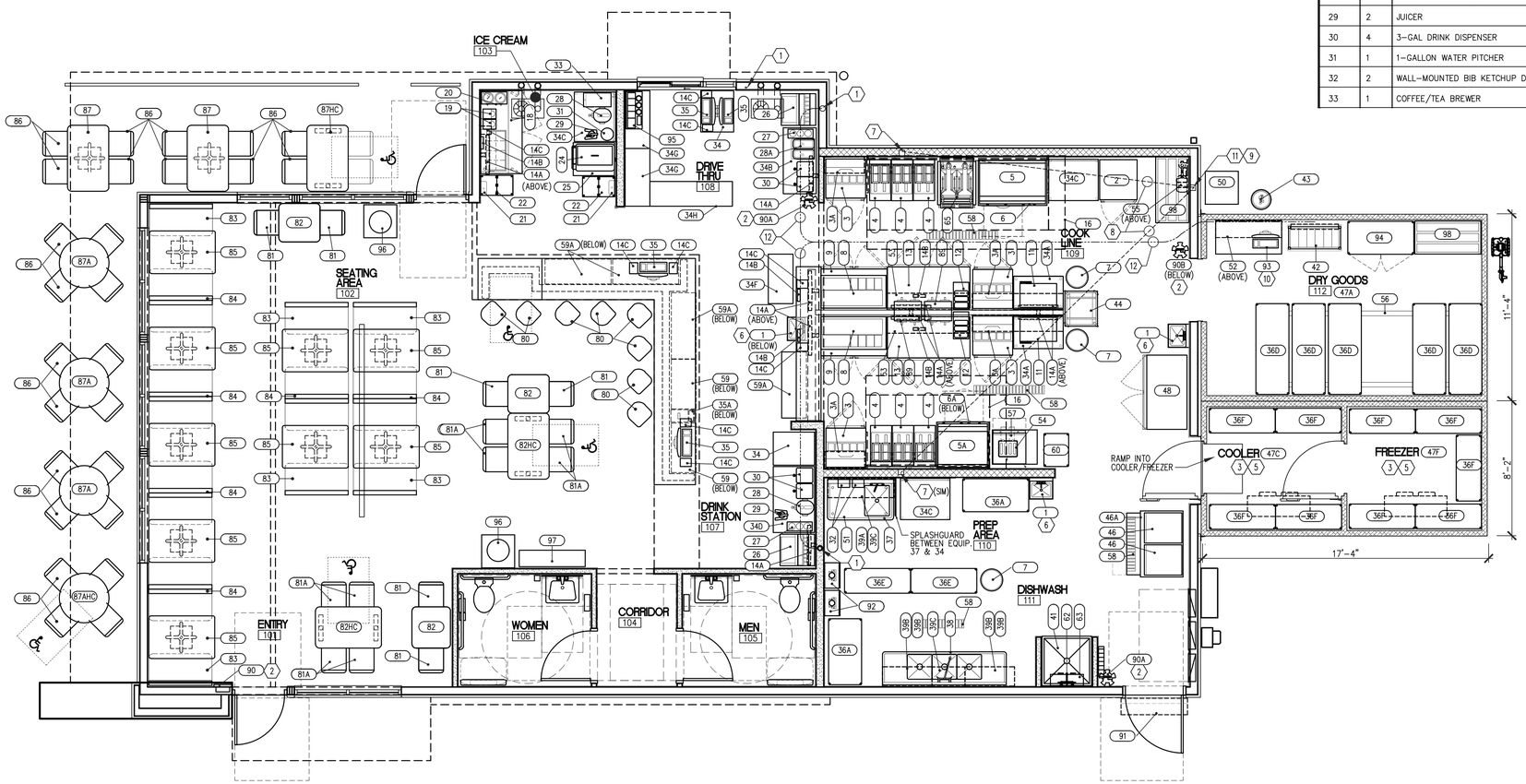
*THIS SEATING ARRANGEMENT ACCOMMODATES 7 TABLES

CONSTRUCTION NOTES

1. PVC CHASE BY G.C. FOR SODA LINES – COORDINATE WITH SODA VENDER
2. SURFACE MOUNTED FIRE EXTINGUISHER / FIRE EXTINGUISHER CABINET IN THE DINING – SEE DETAIL 5/502.
3. WALK-IN COOLER / FREEZER w/INTERGRAL CONDENSERS MOUNTED ON UNIT.
4. LOW VOLTAGE CONDUIT TO EQUIPMENT FOR LOW VOLTAGE SYSTEM – G.C. TO INSTALL – COORDINATE W/EQUIPMENT SUPPLIER
5. INSULATED FLOOR / SLAB – BY EQUIPMENT VENDOR
6. HAND SINK – SEE PLUMBING DRAWINGS
7. 4"x4" SQ. CHASE FOR OIL SYSTEM INSTALLED BY GC – SEE DET. 4/A502 – COORDINATE w/EQUIPMENT SUPPLIER.
8. PROVIDE 1 1/4" BLACK IRON PIPE UP THROUGH WALLS / CEILING FOR WASTE OIL RECOVERY SYSTEM
9. CONNECTION FOR GREASE / OIL WASTE
10. SHELVING DESK TO HAVE SOLID S.S. TOP AT 34" A.F.F. WITH SHELVES ABOVE DESK – EXACT SPEC BY THE TENANT.
11. 4"x4" SQ. CHASE FOR OIL SYSTEM INSTALLED BY GC – SEE DET. 8/A502 – COORDINATE w/EQUIPMENT SUPPLIER.
12. SODA SYSTEM SYRUP LINE BUNDLE – ROUTING ABOVE CEILING DOWN WALLS TO SODA MACHINES.

GENERAL NOTES

1. ALL FURNITURE TO BE SELECTED AND PROVIDED BY OWNER – COORDINATE WITH EQUIPMENT SCHEDULE
2. G.C. TO COORDINATE ALL CLEARANCES REQUIRED FOR EQUIPMENT AND MILLWORK WITH EQUIPMENT SUPPLIER.
3. ALL CABINETS / COUNTERTOPS ARE INCLUDED IN THE EQUIPMENT PACKAGE. GC ONLY TO COORDINATE FIELD DIMENSIONS WITH SUPPLIER.
4. VERIFY ALL SHELVING AND WORK TABLES QUANTITIES WITH OWNER.
5. REFER TO SHEET Q600 FOR EQUIPMENT SCHEDULING.
6. STAINLESS STEEL CORNER GUARD/END CAPS SHALL BE PROVIDED & INSTALLED ON ALL BACK OF THE HOUSE CORNERS AND END CAPS – SEE SHEET A111 FOR LOCATIONS.
7. LOCATE REMOTE WALK-IN FREEZER/COOLER CONDENSER ON MAIN FLAT ROOF. SEE MECHANICAL DRAWINGS. G.C. COORDINATE POWER REQUIREMENTS AND PIPING W/ COOLER SUPPLIER AND INSTALLER.



1 / Q111 **EQUIPMENT PLAN**
SCALE: 1/4" = 1'-0"

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
1	3	HAND SINK w/2 SPLASHGUARDS	34	2	SS TABLE w/SHELF BELOW 24"x30"
2	1	1-DOOR FREEZER	34A	2	SS TABLE W/ SHELF BELOW 24"x36"
3	4	REFRIG. PREPBOX – 29"W	34B	1	SS TABLE w/SHELF BELOW 24"x48"
3A	4	24"W SHELVES	34C	3	SS TABLE W/ SHELF BELOW 30"x36"
4	6	FRYER	34D	1	SS TABLE w/SHELF BELOW 30"x48"
5	1	GRIDDLE	34F	1	SS TABLE w/SHELF BELOW 18"x36"
5A	1	GRIDDLE	34G	2	SS TABLE w/SHELF BELOW 18"x42"
6	1	REFRIG. CHEFBASE – 48"W	34H	1	SS TABLE w/SHELF BELOW 18"x60"
6A	1	REFRIG. CHEFBASE – 36"W	35	4	POS TERMINAL SYSTEM
7	3	TRASH CAN	35A	1	DROP SAFE – UNDERCOUNTER
8	2	WARMING STATION	36A	2	STORAGE RACK – 24x48
9	2	WORKTOP FREEZER	36D	5	STORAGE RACK – 24x72
11	2	STEAMER	36E	2	STORAGE RACK – 18x48
12	2	COOKER/WARMER	36F	9	F/C STORAGE RACK – 18x48
13	2	REFRIG. PREPBOX – 60"W	37	1	VEGGIE SINK W/ RH DRAIN
14A	8	MONITOR	38	1	3-COMPARTMENT SINK
14B	5	BUMPBAR	39A	1	WALL-MOUNTED WIRE SHELVES – 48"W
14C	9	PRINTER	39B	4	WALL-MOUNTED WIRE SHELVES – 36"W
16	2	HOOD SYSTEM	39C	2	WALL-MOUNTED WIRE SHELVES – 24"W
18	1	REFRIG. PREPBOX	41	1	CAN WASH
19	2	MIX-IN BLENDER	42	1	MODULAR BIB RACK
20	1	COOKER/WARMER	43	1	CO2 TANK
21	2	DIPPER WELL	44	1	BREAD RACK
22	2	DIPPING CABINET	46	2	ICE MACHINE W/ FLAKER HEAD
24	1	FROZEN CUSTARD MACHINE	46A	1	ICE BIN – 1150LB
25	1	EQUIPMENT STAND	47A	1	OUTSIDE WALK-IN DRY STORAGE
26	2	SODA MACHINE	47C	1	OUTSIDE WALK-IN COOLER (BUILT w/#47F)
27	2	CUP DISPENSER	47F	1	OUTSIDE WALK-IN FREEZER (BUILT w/#47C)
28	2	TEA URN	48	1	2-DOOR COOLER
28A	1	BEVERAGE DISPENSER	50	1	USED OIL CONTAINER
29	2	JUICER	51	1	CAN OPENER
30	4	3-GAL DRINK DISPENSER	52	1	EMPLOYEE CUBBIES
31	1	1-GALLON WATER PITCHER	53	2	SHELF 48"W X 12"D – MNTD TO #9
32	2	WALL-MOUNTED BIB KETCHUP DISPENSER	54	1	TOASTER – 4 SLOT
33	1	COFFEE/TEA BREWER	55	1	WATER FILTRATION SYS. w/BOOSTER PUMP
			56	1	MOVABLE RACK SYSTEM
			57	1	CONVECTION OVEN
			58	4	TRENCH DRAIN
			59	4	HALF HEIGHT STORAGE RACK – 18x36
			59A	3	HALF HEIGHT STORAGE RACK – 18x48
			60	1	BISCUIT RACK
			62	1	SERVICE SINK FAUCET
			63	1	UTILITY SHELF MOP RACK
			65	1	ELECTRIC 2-SIDED CLAMSHELL GRILL
			80	8	BAR STOOL
			81	6	DINING CHAIRS
			81A	8	LOW CHAIRS
			82	3	2 TOP TABLE
			82HC	2	ADA TABLE – 30"x48"
			83	6	BOOTH BENCH – END
			84	6	BOOTH BENCH – DOUBLE
			85	9	BOOTH TABLE – 30"x48"
			86	26	OUTDOOR CHAIRS
			87	2	OUTDOOR TABLE 30"x48"
			87A	3	OUTDOOR TABLE 36" ROUND
			87AHC	1	OUTDOOR TABLE 36" ROUND ADA
			87HC	1	OUTDOOR TABLE 30"x48" – ADA
			89	2	DEDICATED HOLDING CABINET
			90	1	SEMI RECESSED FIRE EXTINGUISHER
			90A	2	FIRE EXTINGUISHER
			90B	1	FIRE EXTINGUISHER
			91	1	AIR CURTAIN
			92	2	INSTANTANEOUS WATER HEATER
			93	1	MANAGERS DESK/ SHELVING UNIT
			94	1	IT EQUIPMENT SHELVING UNIT
			95	1	WALL MOUNTED CONIDMENTS
			96	2	PUBLIC TRASH BIN
			97	1	TO GO RACK
			98	2	DUNNAGE RACK – 24x48

LMHT Project No. 22104

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PRELIMINARY – NOT FOR CONSTRUCTION

PROJECT: HIGHWAY 55
3.0 PROTOTYPE
116 BROWN HILL ROAD
LOCUST, NORTH CAROLINA 28097

DRAWING: EQUIPMENT PLAN

Revisions

REVISION DATE

PROJECT DATE
03/10/2022

Drawn By
MTP

Checked By
NRD

Sheet No.
Q111

PERSPECTIVE VIEW 1

PERSPECTIVE VIEW 2

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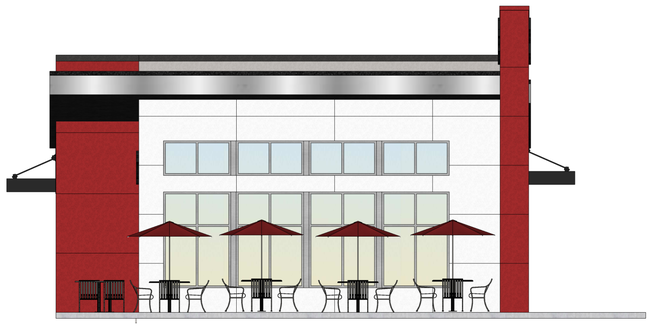
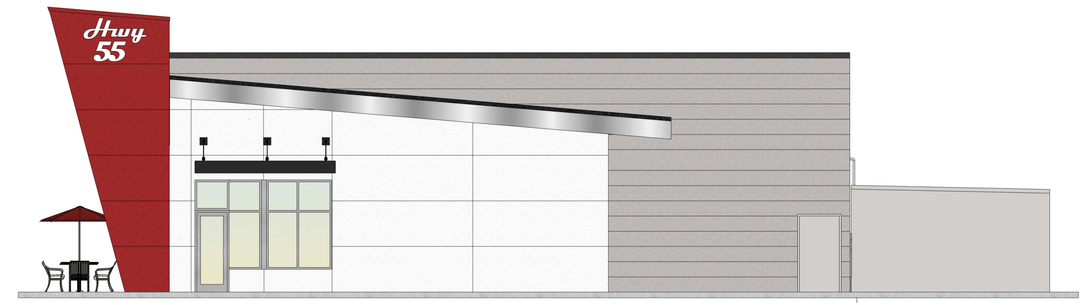
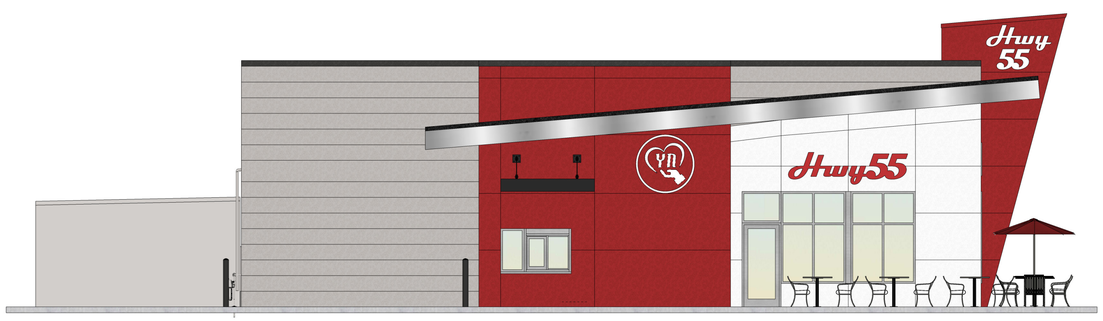
		10.7.21	PERSPECTIVE VIEWS	EXTERIOR CONCEPT ::



FRONT ELEVATION



RIGHT ELEVATION



LEFT ELEVATION

BACK ELEVATION

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Hwy55

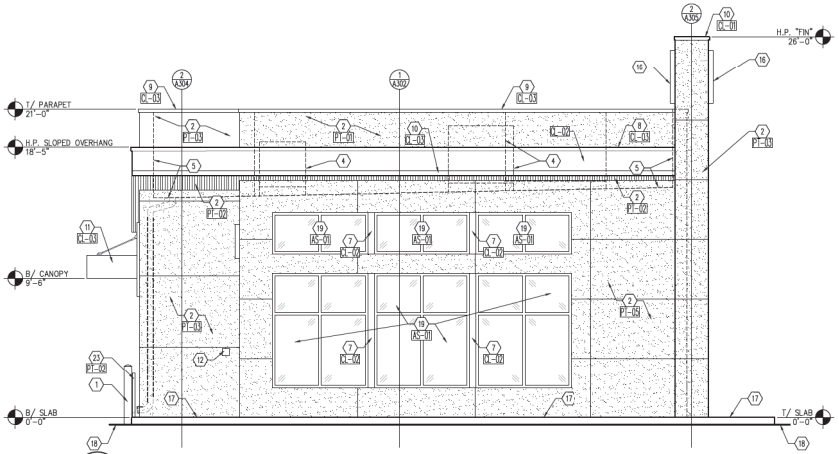
OPTION B

10.7.21

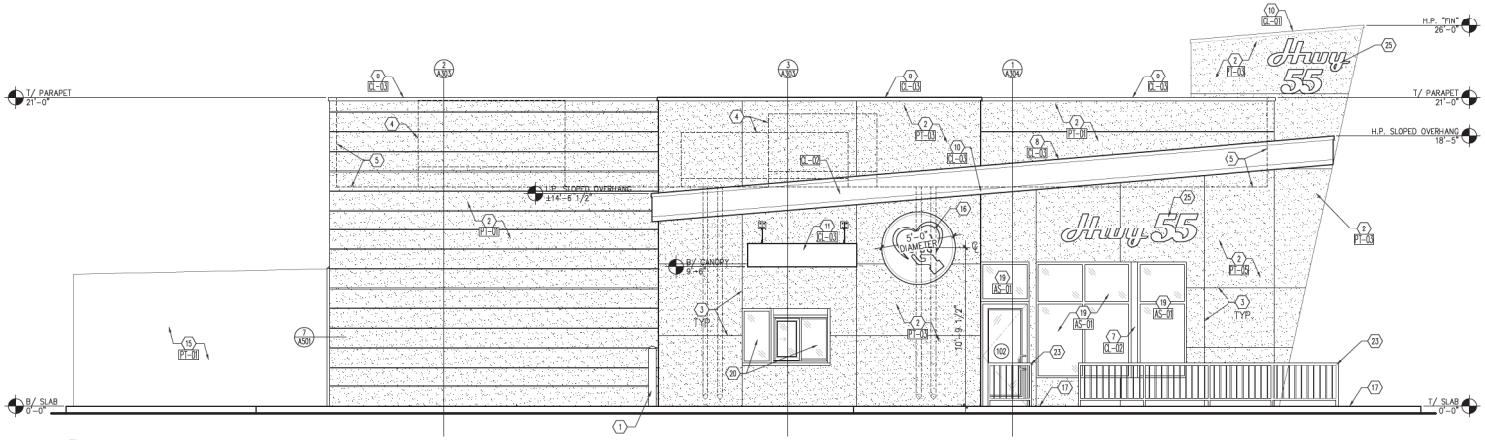
FLAT ELEVATIONS

EXTERIOR FACADE ::

EXTERIOR CONCEPT ::



1 A201 **FRONT ELEVATION**
SCALE: 1/4"" = 1'-0"



2 A201 **LEFT ELEVATION**
SCALE: 1/4"" = 1'-0"

GENERAL NOTES

1. ALL NEW PAINT WORK MUST INCLUDE A 2 YEAR FULL WARRANTY AND A YEAR PRO-RATED LABOR AND MATERIALS WARRANTY.
2. ALL PAINT COLOR SELECTIONS TO BE VERIFIED WITH OWNERS CONSTRUCTION MANAGER BEFORE ORDERING.
3. TOP OF PARAPET TO BE CLAD WITH UNA-CLAD COPING. FINAL SELECTION TO BE VERIFIED WITH OWNER'S CONSTRUCTION MANAGER.
4. ALL PREFABRICATED CANOPY SYSTEMS TO BE FIELD VERIFIED BEFORE FABRICATION.
5. ALL WALL MOUNTED EQUIPMENT SUCH AS ELECTRICAL METERS, IRRIGATION METERS, PHONE/CABLE BOXES, ETERNAL VENTS AND LOUVERS, ETC., SHALL BE PAINTED TO MATCH THE WALL ON WHICH IT IS MOUNTED OR OTHERWISE CONSISTENT WITH THE COLOR(S) OF THE BUILDING.

CONSTRUCTION NOTES

1. PIPE BOLLARD – SEE SITE PLAN.
2. E.I.F.S. MEDIUM SAND FINISH – SEE WALL SECTIONS.
3. E.I.F.S. CONTROL JOINT.
4. OUTLINE OF MECHANICAL EQUIPMENT BEYOND.
5. APPROXIMATE LINE OF ROOF SURFACE BEYOND.
6. SLOPED ROOF SURFACE.
7. CLEAR ANODIZED ALUMINUM BREAK METAL BETWEEN STOREFRONT WINDOWS.
8. CONTINUOUS METAL ROOF EDGE OR DRIP FLASHING – SEE WALL SECTIONS.
9. CONTINUOUS METAL EDGE FLASHING.
10. CONTINUOUS METAL DRIPS FLASHING – SEE DETAIL 2/A501.
11. PRE-FABRICATED HANGER ROD CANOPY SYSTEM SUPPLIED BY SIGN VENDOR, INSTALLED BY GENERAL CONTRACTOR – SEE WALL SECTIONS.
12. KNOX BOX MOUNTED AT 4'-6" A.F.F.
13. ELECTRICAL METER SERVICE – SEE ELECTRICAL DRAWINGS.
14. GAS METER/SERVICE – SEE PLUMBING DRAWINGS.
15. PREMANUFACTURED AND PRIMED COOLER/FREEZER/STORAGE – BY MANUFACTURER. PAINT TO MATCH E.I.F.S.
16. SIGNAGE FEATURE BY OWNER'S VENDOR. GENERAL CONTRACTOR TO COORDINATE INSTALLATION WITH STRUCTURE AND ELECTRICAL. COLOR: RED
17. CONCRETE SIDEWALK/CURB – SEE SITE PLAN.
18. APPROXIMATE GRADE/PAVEMENT.
19. STOREFRONT DOOR/WINDOW SYSTEM – SEE FLOOR PLAN FOR MORE INFORMATION.
20. DRIVE-THRU WINDOW SYSTEM – SEE FLOOR PLAN FOR MORE INFORMATION.
21. HOLLOW METAL DOOR AND FRAME – SEE DOOR SCHEDULE.
22. GREASE COLLECTION UNIT – SEE EQUIPMENT PLAN.
23. PEDESTRIAN GUARD RAIL – SEE CIVIL DRAWINGS.
24. INSULATED METAL DOOR AND HOLLOW METAL FRAME PAINT TO MATCH E.I.F.S. – SEE DOOR SCHEDULE.
25. SIGNAGE FEATURE BY OWNER'S VENDOR. GENERAL CONTRACTOR TO COORDINATE INSTALLATION WITH STRUCTURE AND ELECTRICAL. COLOR: WHITE

EXTERIOR FINISH SCHEDULE

MC-01	PREFINISHED ALUMINUM EDGE FLASHING – COLOR – RED SW6866 HEARTTHROB
MC-02	METAL FASCIA/ BRAKE METAL WRAP – MILL FINISH – CLEAR COAT
MC-03	PREFINISHED ALUMINUM EDGE OR DRIP FLASHING – COLOR – BLACK – SW6993 BLACK OF NIGHT
PF-01	E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – GRAY – SW 6002 ESSENTIAL GRAY
PF-02	E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – BLACK – SW6993 BLACK OF NIGHT
PF-03	E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – RED – PMS 20-0069 TPM CANDY APPLE RED
PF-04	E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – WHITE – SW7005 PURE WHITE
AS-01	ALUMINUM STOREFRONT MILL FINISHED – COLOR: CLEAR COAT

* REFER TO THE MOST CURRENT HWY 55 BRAND BOOK FOR ALL INTERIOR AND EXTERIOR COLORS – VERIFY ALL FINISHES WITH OWNER PRIOR TO PURCHASING

LMHT Project No. 21208

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A Division of LMHT Associates

PRELIMINARY NOT FOR CONSTRUCTION

PROJECT: *HIGHWAY 55*
3.0 PROTOTYPE
ANY STREET
ANY STATE

DRAWING: **EXTERIOR ELEVATIONS**

Revisions

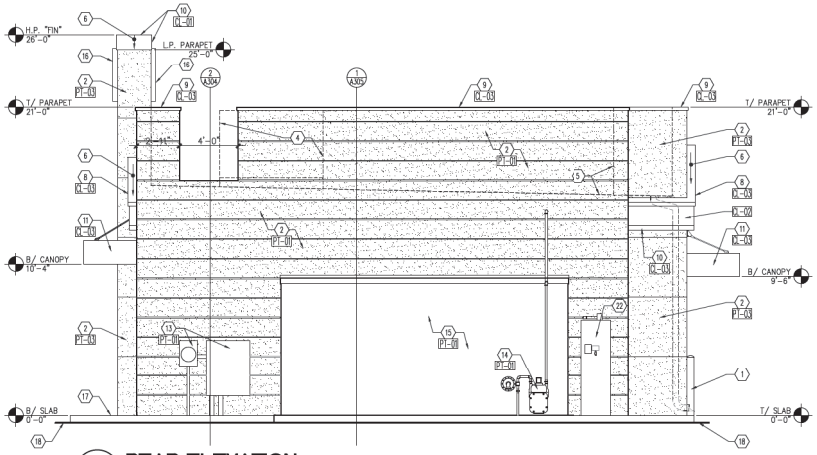
REVISION	DATE

PROJECT DATE
11/19/2021

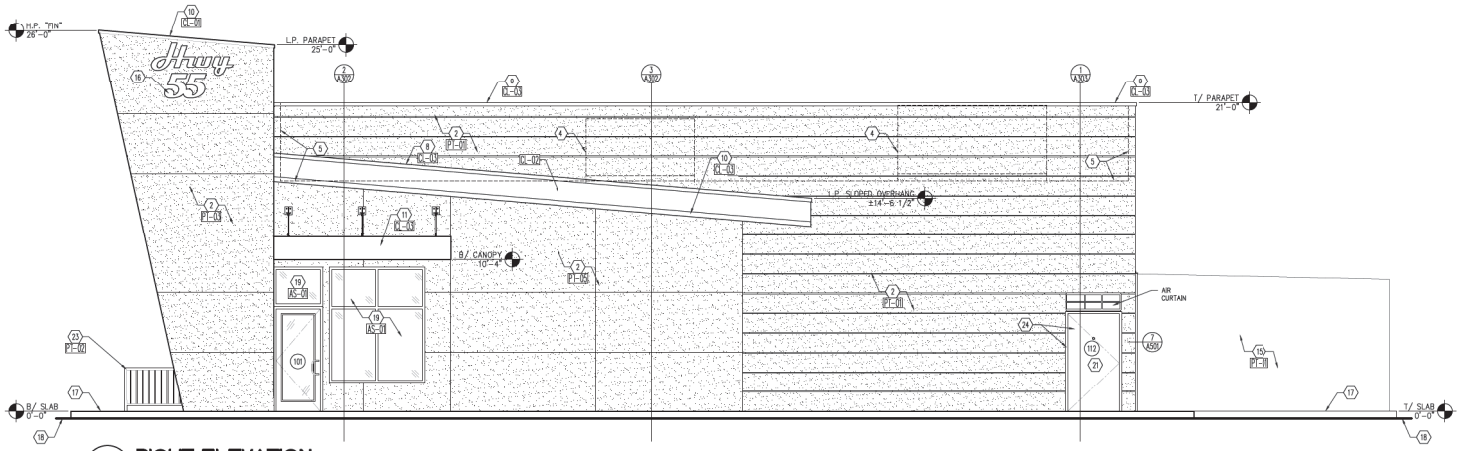
Drawn By
CDK

Checked By
GRL

Sheet No.
A201



1 A202 **REAR ELEVATION**
SCALE: 1/4"" = 1'-0"



2 A202 **RIGHT ELEVATION**
SCALE: 1/4"" = 1'-0"

GENERAL NOTES

1. ALL NEW PAINT WORK MUST INCLUDE A 2 YEAR FULL WARRANTY AND A YEAR PRO-RATED LABOR AND MATERIALS WARRANTY.
2. ALL PAINT COLOR SELECTIONS TO BE VERIFIED WITH OWNERS CONSTRUCTION MANAGER BEFORE ORDERING.
3. TOP OF PARAPET TO BE CLAD WITH UNA-CLAD COPING. FINAL SELECTION TO BE VERIFIED WITH OWNER'S CONSTRUCTION MANAGER.
4. ALL PREFABRICATED CANOPY SYSTEMS TO BE FIELD VERIFIED BEFORE FABRICATION.
5. ALL WALL MOUNTED EQUIPMENT SUCH AS ELECTRICAL METERS, IRRIGATION METERS, PHONE/CABLE BOXES, ETERNAL VENTS AND LOUVERS, ETC., SHALL BE PAINTED TO MATCH THE WALL ON WHICH IT IS MOUNTED OR OTHERWISE CONSISTENT WITH THE COLOR(S) OF THE BUILDING.

CONSTRUCTION NOTES

1. PIPE BOLLARD – SEE SITE PLAN.
2. E.I.F.S. MEDIUM SAND FINISH – SEE WALL SECTIONS.
3. E.I.F.S. CONTROL JOINT.
4. OUTLINE OF MECHANICAL EQUIPMENT BEYOND.
5. APPROXIMATE LINE OF ROOF SURFACE BEYOND.
6. SLOPED ROOF SURFACE.
7. CLEAR ANODIZED ALUMINUM BREAK METAL BETWEEN STOREFRONT WINDOWS.
8. CONTINUOUS METAL ROOF EDGE OR DRIP FLASHING – SEE WALL SECTIONS.
9. CONTINUOUS METAL EDGE FLASHING.
10. CONTINUOUS METAL DRIPS FLASHING – SEE DETAIL 2/A501.
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18. APPROXIMATE GRADE/PAVEMENT.
19. STOREFRONT DOOR/WINDOW SYSTEM – SEE FLOOR PLAN FOR MORE INFORMATION.
20. DRIVE-THRU WINDOW SYSTEM – SEE FLOOR PLAN FOR MORE INFORMATION.
21. HOLLOW METAL DOOR AND FRAME – SEE DOOR SCHEDULE.
22. GREASE COLLECTION UNIT – SEE EQUIPMENT PLAN.
23. PEDESTRIAN GUARD RAIL – SEE CIVIL DRAWINGS.
24. INSULATED METAL DOOR AND HOLLOW METAL FRAME PAINT TO MATCH E.I.F.S. – SEE DOOR SCHEDULE.
25. SIGNAGE FEATURE BY OWNER'S VENDOR. GENERAL CONTRACTOR TO COORDINATE INSTALLATION WITH STRUCTURE AND ELECTRICAL. COLOR: WHITE

EXTERIOR FINISH SCHEDULE

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- MC-02 METAL FASCIA/ BRAKE METAL WRAP – MILL FINISH – CLEAR COAT
- MC-03 PREFINISHED ALUMINUM EDGE OR DRIP FLASHING – COLOR – BLACK – SW6993 BLACK OF NIGHT
- PF-01 E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – GRAY – SW 6002 ESSENTIAL GRAY
- PF-02 E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – BLACK – SW6993 BLACK OF NIGHT
- PF-03 E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – RED – PMS 20-0069 TPM CANDY APPLE RED
- PF-04 E.I.F.S – PAREX – STYLE: MEDIUM SAND FINISH – COLOR – WHITE – SW7005 PURE WHITE
- AS-01 ALUMINUM STOREFRONT MILL FINISHED – COLOR: CLEAR COAT

* REFER TO THE MOST CURRENT HWY 55 BRAND BOOK FOR ALL INTERIOR AND EXTERIOR COLORS – VERIFY ALL FINISHES WITH OWNER PRIOR TO PURCHASING

LMHT Project No. 21208

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A Division of LMHT Associates

PRELIMINARY NOT FOR CONSTRUCTION

PROJECT: *HIGHWAY 55*
3.0 PROTOTYPE
ANY STREET
ANY STATE

DRAWING: **EXTERIOR ELEVATIONS**

Revisions

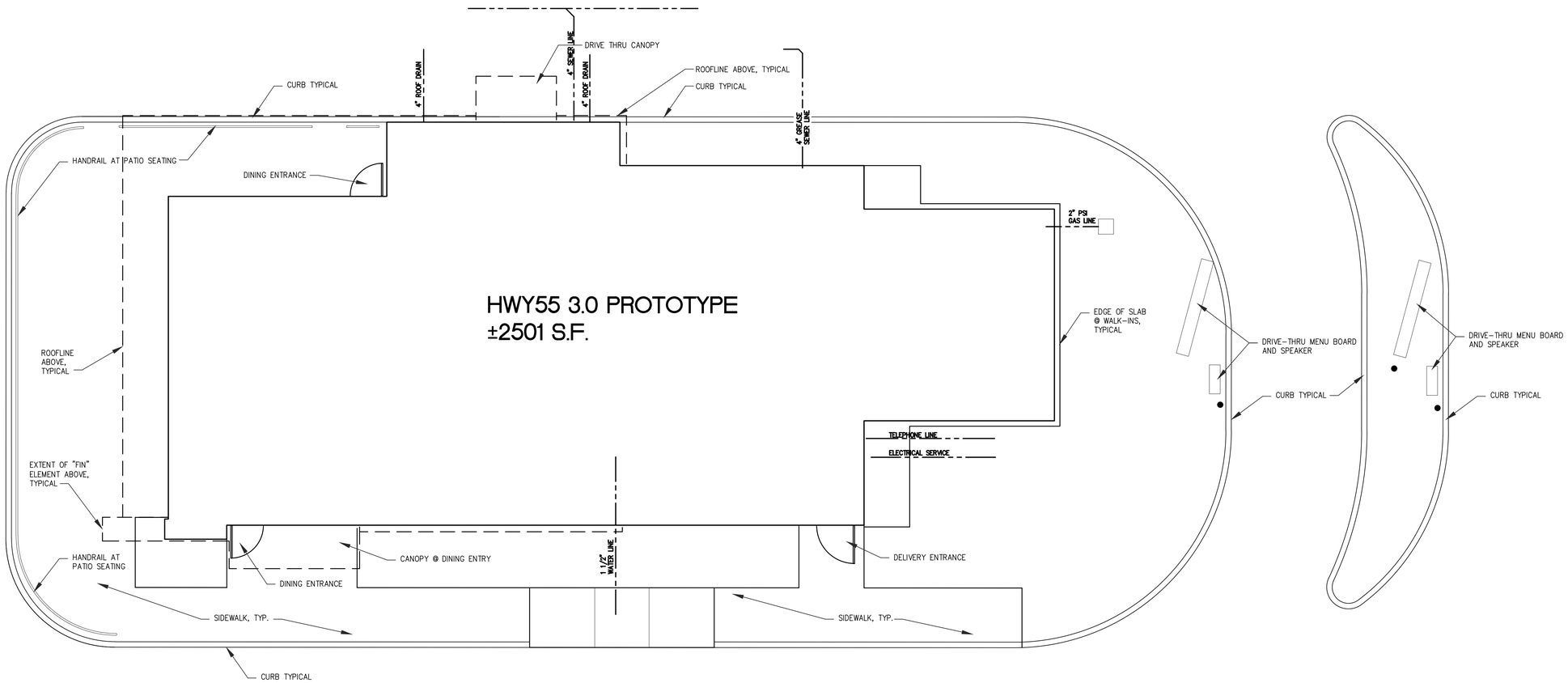
REVISION	DATE

PROJECT DATE
11/19/2021

Drawn By
CDK

Checked By
GRL

Sheet No.
A202

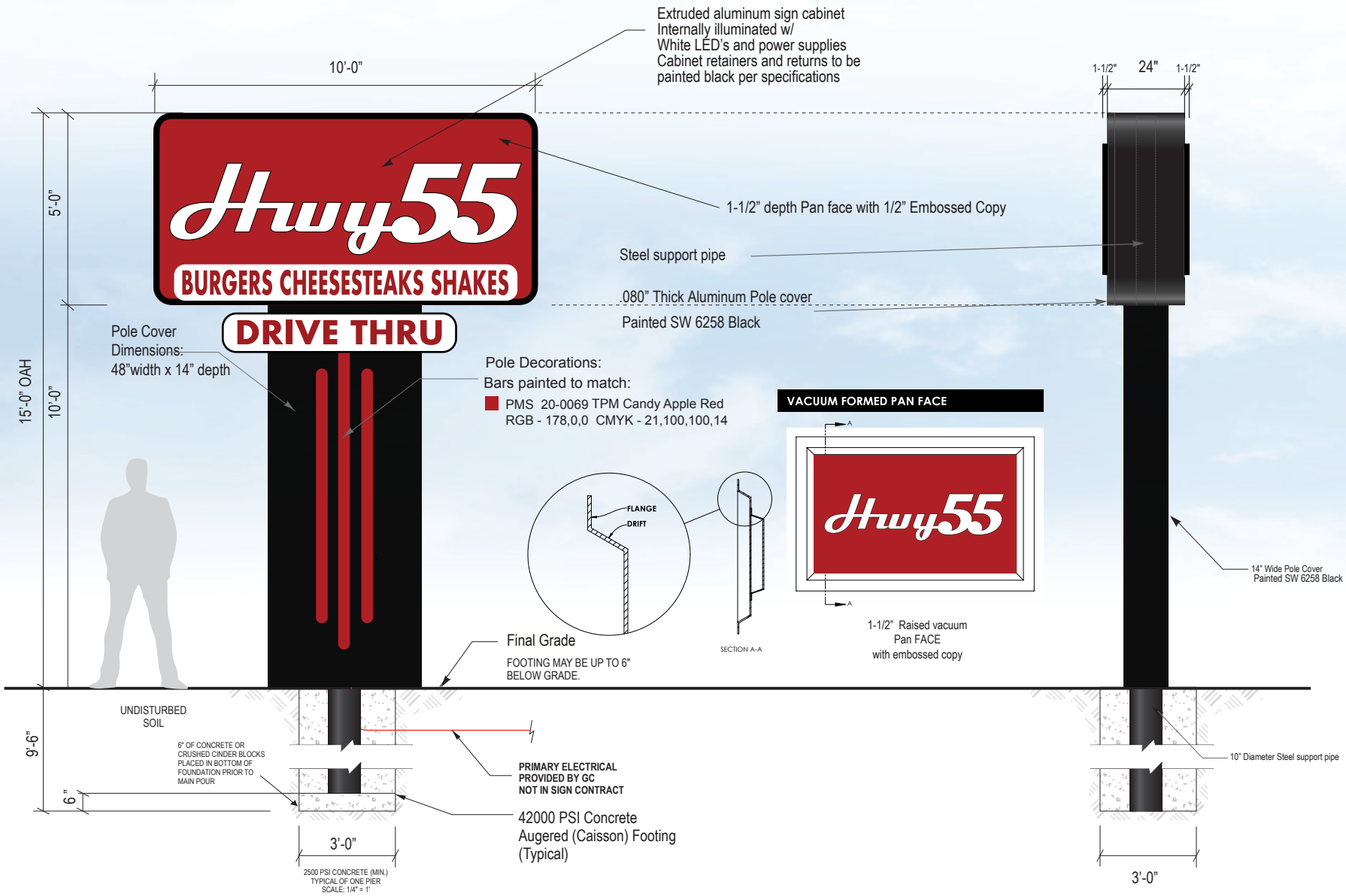


HWY55 3.0 FOOTPRINT PLAN

SCALE: 3/16" = 1'-0"

HWY 55 | Exterior Sign Elevation | Pylon with Vacuum Form

SIGN A	Highway 55
Type:	Illuminated Pylon Sign
Illumination:	Internally Illuminated w/ LED's
Square Footage:	50 ft²



Select Sign Systems
For Nationwide Signage The Selection Is Clear

DATE	09.04.2021	LOCATION ADDRESS	--
CLIENT NAME	HWY 55	SCALE	N/A
PAGE	1/2	VER.	4

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Customer Approval Landlord Approval: