

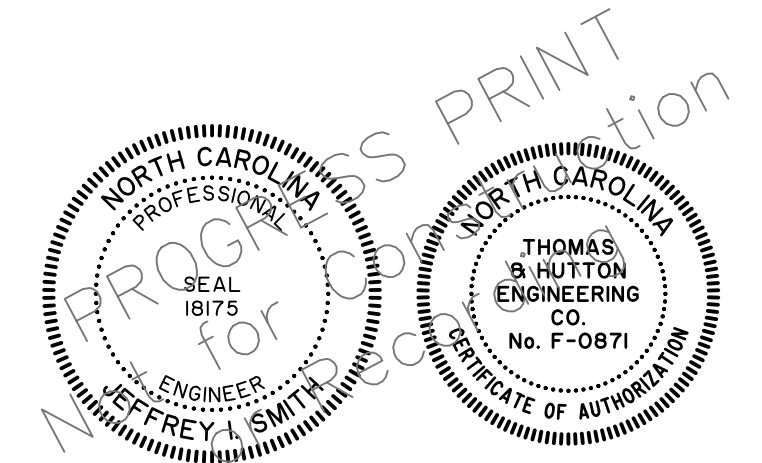
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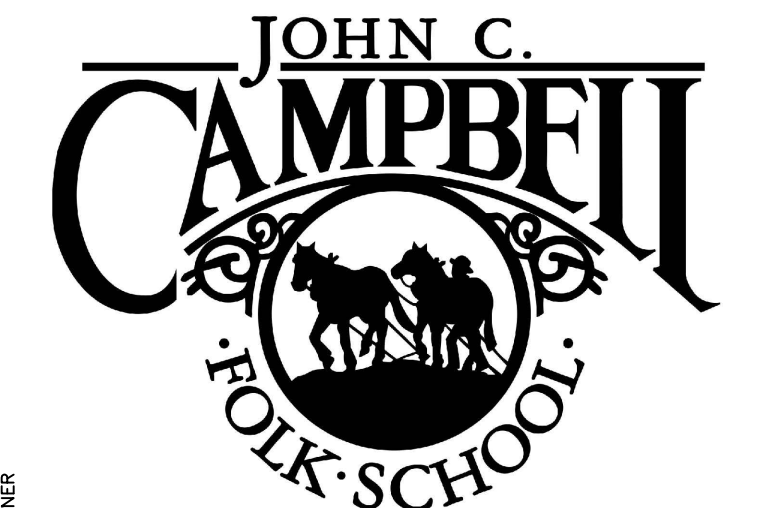
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STAMP

ISSUES

NO. DATE DESCRIPTION



OWNER

ACCESSIBLE HOUSING

ONE FOLK SCHOOL RD
BRASSTOWN, NC 28902
JOB NO: 26162

GENERAL NOTES

C001

GENERAL NOTES (APPLY TO ALL CIVIL WORK):

- FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE BEGINNING OF DEMOLITION AND/OR CONSTRUCTION.
- CONTRACTOR SHALL PHYSICALLY VERIFY PLAN LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO THE BEGINNING OF DEMOLITION AND/OR CONSTRUCTION VIA THE USE OF TEST PITS OR SOFT DIGS.
- PROTECT ALL EXISTING UTILITIES AND CONSTRUCTION TO REMAIN DURING ALL CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY AND TAKE STEPS TO PROTECT THE LINE(S) AND ENSURE CONTINUED SERVICE OF ANY UNCHARTED UTILITY ENCOUNTERED DURING CONSTRUCTION. DAMAGE CAUSED TO THE EXISTING UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR. ADDITIONALLY, THE CONTRACTOR SHALL CONFIRM THE CONNECTION POINTS OF NEW UTILITIES TO EXISTING UTILITIES PRIOR TO BEGINNING NEW CONSTRUCTION.
- ALL EXISTING SURFACES TO REMAIN OR NEW WORK, THAT IS DAMAGED DURING DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL BE REPAIRED TO MATCH EXISTING ADJACENT SURFACES.
- BEFORE YOU DIG, STOP. CALL THE NC ONE-CALL CENTER AT 811 AND COORDINATE LOCATION OF SCHOOL OWNED UTILITIES THROUGH SCHOOL'S BUILDINGS AND GROUNDS DIRECTOR.
- NO SOIL DISTURBANCE OR COMPACTION, STOCK PILING OF SOIL OR OTHER CONSTRUCTION MATERIALS, VEHICULAR TRAFFIC, OR PARKING OR STORAGE OF HEAVY EQUIPMENT ARE ALLOWED WITHIN THE CRITICAL ROOT ZONE OF PROTECTED TREES, NO WORK SHALL BEGIN UNTIL TREE PROTECTION BARRICADES HAVE BEEN INSTALLED. BARRICADES TO REMAIN UNTIL AFTER ALL DEVELOPMENT ACTIVITIES ARE COMPLETED.
- STORM DRAINAGE STRUCTURES AND SANITARY SEWER MANHOLE COORDINATES ARE LOCATED AT CENTER OF GRATE OR MANHOLE. ALL LINEAR FOOTAGE OF ALL UTILITY PIPES SHOWN ARE APPROXIMATE. ACTUAL INSTALLED QUANTITIES MAY VARY. PIPE LENGTHS PROVIDED ARE HORIZONTAL MEASUREMENTS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTHS THAT TERMINATE WITH A FLARED END SECTION INCLUDE THE LENGTH OF THE FLARED END SECTION.
- CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE SCHOOL'S BUILDINGS AND GROUNDS DIRECTOR AND ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE WORK SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING OR CONNECTING TO SAID FACILITIES. CONTRACTOR SHALL RAISE OR LOWER TOPS OF EXISTING MANHOLES, DRAINAGE GRATES, VALVE BOXES, VAULT UDS, ETC. AS REQUIRED TO MATCH FINISHED GRADES. AGENTS INSTALLING ALL OTHER UTILITIES SHALL BE RESPONSIBLE FOR MATCHING FINISH GRADE WITH ANY NEW SURFACE STRUCTURE OR SURFACE ACCESS SERVING THEIR INSTALLED FACILITIES.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER UTILITY INSTALLATIONS NOT COVERED UNDER THESE CIVIL PLANS (ELECTRIC, TELEPHONE, GAS, STEAM, CABLE, ETC.) AND ALLOW FOR THEIR OPERATION AND CONSTRUCTION TO BE PERFORMED. ALL PLANNED AND EXISTING UTILITIES ROUTINGS AND DEPTHS SHALL BE COORDINATED PRIOR TO ANY INSTALLATIONS.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NCDOT, NCEQ, AND LOCAL STANDARDS. WHEN SPECIFICATIONS ARE IN CONFLICT, THE STRICTER SPECIFICATION SHALL BE HELD. FOR ALL WORK WITHIN THE PUBLIC R/W AND/OR ON PUBLIC UTILITIES WITHIN PUBLIC EASEMENTS, ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE PER THE LATES EDITION OF CITY OF BURLINGTON SPECIFICATIONS AND DETAILS.
- RIM ELEVATIONS GIVEN ON THESE PLANS ARE APPROXIMATE AND ARE FOR INFORMATIONAL PURPOSES ONLY. ACTUAL RIM ELEVATIONS SHALL BE ADJUSTED BY CONTRACTOR TO MATCH FIELD CONDITIONS. THE TOP 12" OF ALL NEW CONCRETE STRUCTURES SHALL BE BRICK CONSTRUCTION OR OBTAINED WITH PRECAST GRADE RINGS TO ALLOW FOR ADJUSTMENT AS NECESSARY. STRUCTURES SHALL BE ADJUSTABLE +/- 12" FROM THE RIM ELEVATION PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- ALL SHORING SHALL BE IN ACCORDANCE WITH OSHA TRENCHING STANDARDS, PART 1926 SUBPART P, AS AMENDED.
- ALL LANE OR ROAD CLOSURES THAT ARE REQUIRED SHALL FOLLOW THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS FOR TRAFFIC CONTROL MEASURES (MUTCD).
- ALL PERSONS ENGAGED IN DOING WORK THAT CREATES ANY DANGEROUS CONDITION OR OBSTRUCTION IN THE PUBLIC RIGHT-OF-WAY OF ANY STREET OR SIDEWALK SHALL TAKE WHATEVER ACTION IS NECESSARY, INCLUDING THE PLACEMENT OF BARRICADES AND WARNING SIGNS OR DEVICES, TO WARN THE TRAVELING PUBLIC OF THE CONDITION OR OBSTRUCTION. THEREFORE, ALL WORK WITHIN OR ABUTTING ANY PUBLIC RIGHT-OF-WAY OR PUBLIC EASEMENT FOR STREETS OR SIDEWALKS MUST BE CONDUCTED IN CONFORMANCE WITH THE US DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION'S MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES MUTCD (HTTP://MUTCD.FHWA.DOT.GOV/). THIS INCLUDES, BUT IS NOT LIMITED TO:
 - PROVIDING COMPLETE AND PROPER SIGNAGE AND TRAFFIC CONTROL DEVICES TO WARN THE TRAVELING PUBLIC OF CONSTRUCTION.
 - ALL LANES OF TRAFFIC, INCLUDING SIDEWALKS, SHALL BE MAINTAINED AT ALL TIMES IN COMPLIANCE WITH THE STANDARDS SET FORTH IN THE MUTCD.
- ANY INFRASTRUCTURE DISTURBED OR DAMAGED DURING THE COURSE OF CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL CONDITION:
 - ENSURE THAT ANY EXCAVATION, CONSTRUCTION OR OTHER WORK DONE BY THEM OR ON THEIR BEHALF IN THE RELEVANT PUBLIC WAY IS PERFORMED CONSISTENT WITH THE AUTHORITY'S SPECIFICATIONS AND OTHER REQUIREMENTS FOR CONSTRUCTION ACTIVITIES, INCLUDING THOSE RELATING TO RESTORATION ALL LANES OF TRAFFIC, INCLUDING SIDEWALKS, SHALL BE MAINTAINED AT ALL TIMES IN COMPLIANCE WITH THE STANDARDS SET FORTH IN THE MUTCD.
 - RESTORE LAND, UTILITY LINES, OTHER IMPROVEMENTS, GROUND COVER, AND LANDSCAPING DISTURBED BY EXCAVATION AND CONSTRUCTION IN THE PUBLIC WAY TO THE STANDARDS SPECIFIED BY THE GOVERNING AUTHORITY.
 - WHERE PERMANENT RESTORATION IS TEMPORARILY IMPRACTICAL BECAUSE OF WEATHER OR OTHER CIRCUMSTANCES, TEMPORARY RESTORATION MAY BE REQUIRED.
 - RESTORATION SHALL BE ACCOMPLISHED WITHIN THE TIME APPROVED BY THE LOCAL AUTHORITY.
 - IF RESTORATION WORK PROVES TO BE INADEQUATE OVER TIME, AS DETERMINED IN THE SOLE, REASONABLE DISCRETION OF THE LOCAL AUTHORITY, THE ENCROACHER SHALL PERFORM SUCH ADDITIONAL RESTORATION WORK AS THE LOCAL AUTHORITY MAY DIRECT.
 - INSPECTION AND APPROVAL BY THE LOCAL AUTHORITY IMMEDIATELY AFTER INSTALLATION DOES NOT CONSTITUTE A WAIVER OF THE LOCAL AUTHORITY'S RIGHTS TO DETERMINE THAT THE RESTORATION WORK IS NOT ADEQUATE OVER TIME AND MUST BE REMEDIED.
- ALL OPEN CUTS ON STREETS AND SIDEWALKS SHALL BE BACKFILLED AND TRAVERSABLE PRIOR TO REMOVING ANY RELATED LANE CLOSURE DEVICES.
- AT THE END OF EACH OF PHASE OF CONSTRUCTION, WHERE WORK IN THE PUBLIC STREET OR SIDEWALK IS COMPLETE, THE APPLICANT MUST IMMEDIATELY RETURN THE PUBLIC STREET OR SIDEWALK TO PREVIOUS CONDITIONS.
- ALL LANES OF TRAVEL, INCLUDING SIDEWALKS, SHALL BE OPEN DURING NON-WORKING HOURS.
- THE APPLICANT IS REQUIRED TO COORDINATE THE CLOSING OF ANY DRIVEWAY WITH AFFECTED PROPERTY OWNERS. INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL PROPERTY OWNERS AFFECTED BY THE PROJECT.
- NO PARKING OR MATERIAL STORAGE SHALL BE ALLOWED TO ENCROACH IN A PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER 48 HOURS IN ADVANCE OF ALL REQUIRED TESTS AND INSPECTIONS.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF UNSUITABLE MATERIAL IS DISCOVERED PRIOR TO BEGINNING ANY REMOVAL OPERATION.
- CONTRACTOR IS TO VERIFY THE ACCURACY OF ANY TEMPORARY BENCHMARKS SHOWN PRIOR TO UTILIZING THEM FOR CONSTRUCTION.

DEMOLITION NOTES:

- PRIOR TO ANY DEMOLITION OR CLEARING ACTIVITY, ALL PROPOSED EROSION CONTROL MEASURES ARE TO BE INSTALLED, CLEARING OR DEMOING ONLY AS NECESSARY TO INSTALL THE DEVICES. IF REQUIRED BY AN ASSOCIATED EROSION CONTROL PERMIT BY NC DEQ OR THE LOCAL AUTHORITY, SET UP AN ON-SITE PRECONSTRUCTION CONFERENCE WITH THE EROSION CONTROL INSPECTOR.
- ALL REMOVED MATERIAL, UNLESS OTHERWISE NOTED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- COORDINATE WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR DEMOLITION OF THOSE ITEMS.
- ALL PAVEMENT CUTS SHALL BE MADE BY SAW CUT.
- ANY OFF-SITE BORROW AND WASTE REQUIRED FOR THIS PROJECT MUST COME FROM A SITE WITH AN APPROVED EROSION CONTROL PLAN, A SITE REGULATED UNDER THE MINING ACT OF 1971, OR A LANDFILL REGULATED BY THE DIVISION OF SOLID WASTE MANAGEMENT. TRASH/DEBRIS FROM DEMOLITION ACTIVITIES OR GENERATED BY ANY ACTIVITIES ON SITE MUST BE DISPOSED OF AT A FACILITY REGULATED BY THE DIVISION OF SOLID WASTE MANAGEMENT OR PER DIVISION OF SOLID WASTE MANAGEMENT OR DIVISION OF WATER RESOURCES RULES AND REGULATIONS.
- CONCRETE AND ASPHALT PAVING REMOVED SHALL BE RECYCLED.
- COORDINATE TIMING OF REMOVAL AND RELOCATION OF ALL TRANSFORMERS AND SERVICE LINES WITH THE SCHOOL'S BUILDINGS AND GROUNDS DIRECTOR AND UTILITY PROVIDER.

UTILITY NOTES:

- ALL WATER AND SEWER WORK TO BE PERFORMED IN ACCORDANCE WITH NC DEQ AND LOCAL UTILITY PROVIDER'S STANDARDS AND SPECIFICATIONS.
- REQUIRED WATER/SEWER SEPARATION: 10' LATERAL, UNLESS BOTTOM OF WATER MAIN >18' ABOVE TOP OF SEWER IN A SEPARATE TRENCH. WHEN THESE SEPARATIONS CANNOT BE MAINTAINED OR WHEN THE SEWER IS ABOVE THE WATER MAIN, BOTH THE WATER AND SEWER LINES SHALL BE CONSTRUCTED OF FERROUS MATERIALS WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS FOR A MINIMUM LATERAL DISTANCE OF 10 FT ON EACH SIDE OF THE CROSSING.
- REQUIRED SEWER SEPARATION WITH OTHER UTILITIES: SEWER BELOW UTILITY: 24" CLEAR WITH STONE BEDDING FROM 6" BELOW SEWER TO 12" ABOVE SEWER. SEWER ABOVE UTILITY: 12" CLEAR. CLEARANCES MEASURED AS NOTED FOR WATER CONFLICTS. WHEN THESE SEPARATIONS CANNOT BE MAINTAINED, THE SEWER LINE SHALL BE CONSTRUCTED OF FERROUS MATERIAL WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS FOR A MINIMUM LATERAL DISTANCE OF 10 FT ON EACH SIDE OF THE CROSSING.
- ALL SANITARY SEWER LATERALS SHALL MAINTAIN A MIN. COVER OF 36" WITH CLEANOUTS AT 75' MAX. SPACING. MAINTAIN A MINIMUM SLOPE ~ 1.0%. CLEANOUTS IN PAVED AREAS SHALL BE TRAFFIC BEARING CLEANOUTS. CLEANOUTS WITHIN UNIT PAVER AREAS SHALL HAVE BRASS CAPS.
- ALL SANITARY SEWER PIPE SHALL BE BEDDED IN ACCORDANCE WITH DETAILS AND SPECIFICATIONS
- ALL SEWER SERVICE LINES EXTENDED TO BUILDINGS SHALL TERMINATE WITH A CLEANOUT 5' FROM THE FACE OF THE BUILDING. THE PLUMBING CONTRACTOR SHALL MAKE THE CONNECTIONS.
- ALL BENDS AND INTERSECTIONS IN WATER LINES SHALL HAVE CONCRETE BLOCKING.
- ALL NEW UNDERGROUND UTILITY LINES INCLUDING LAWN IRRIGATION LINES, THAT ARE LOCATED OUTSIDE OF THE BUILDING FOOTPRINT ARE REQUIRED TO HAVE A CONTINUOUS WARNING TAPE INSTALLED IN THE BACKFILL DIRECTLY OVER THE UTILITY LINE 6" TO 24" BELOW FINISHED GRADE AND 6" BELOW SUBGRADE UNDER PAVEMENT SECTIONS. REFER TO SPECIFICATIONS DIVISION 31 FOR WARNING TAPE REQUIREMENTS. BOTH METALIC AND NON-METALIC PIPES, OTHER THAN GAS LINES, SHALL BE IDENTIFIED BY DETECTABLE MAGNETIC TYPE WARNING TAPE, MIN. 3" WIDE, WITH LETTERING TO IDENTIFY BURIED LINE BELOW.
2024 NC FUEL GAS CODE, SECTION 404.17.3 TRACER: A YELLOW INSULATED COPPER TRACER WIRE OR OTHER APPROVED CONDUCTOR SHALL BE INSTALLED ADJACENT TO UNDERGROUND NON-METALLIC PIPING. ACCESS SHALL BE PROVIDED TO THE TRACER WIRE OR THE TRACER WIRE SHALL TERMINATE ABOVE GROUND AT THE END OF THE NON-METALLIC PIPING. THE TRACER WIRE SIZE SHALL NOT BE LESS THAN 18 AWG AND THE INSULATION TYPE SHALL BE SUITABLE FOR DIRECT BURIAL.
- ALL VALVE BOXES WITHIN YARD AREAS SHALL BE FLUSH WITH FINISHED GRADE AND PROTECTED WITH A PRECAST CONCRETE DONUT OR A FORMED CONCRETE PAD.
- ALL UNDERGROUND UTILITIES, INCLUDING IRRIGATION AND METALIC PIPE SHALL HAVE TRACER WIRE INSTALLED CONTINUOUSLY ALONG THE TOP OF THE PIPE TAPED AT 10' MAXIMUM INTERVALS. TRACER WIRE SHALL BE BROUGHT UP AT ALL VAULTS, MANHOLES, VALVE BOXES, FIRE HYDRANTS, FREE STANDING FDC'S, ETC.
2024 NCP, SECTION 306.2.4 TRACER WIRE: FOR PLASTIC SEWER PIPING, AN INSULATED COPPER TRACER WIRE OR OTHER APPROVED CONDUCTOR SHALL BE INSTALLED ADJACENT TO AND OVER THE FULL LENGTH OF THE PIPING. ACCESS SHALL BE PROVIDED TO THE TRACER WIRE OR THE TRACER WIRE SHALL TERMINATE AT THE CLEANOUT BETWEEN THE BUILDING DRAIN AND THE BUILDING SEWER. THE TRACER WIRE SIZE SHALL NOT BE LESS THAN 14 AWG AND THE INSULATION TYPE SHALL BE LISTED FOR DIRECT BURIAL.
- ALL NEW WATER VALVES SHALL BE CLOCKWISE TO CLOSE.
- THE MINIMUM BURIAL DEPTH FOR ALL NEW WATER AND SEWER LINES SHOWN ON THIS SHEET SHALL BE THREE FEET. PVC LINES BENEATH VEHICULAR DRIVES, ROADS, PARKING, ETC. SHALL HAVE A MINIMUM BURIAL DEPTH OF FOUR FEET.
- UNDERGROUND FIRE LINE PIPING SHALL FOLLOW THE REQUIREMENTS OF NFPA 24, AND BE INSPECTED WITH TESTS WITNESSED BY THE ENGINEER OF RECORD OR THE FIRE MARSHAL'S OFFICE PRIOR TO COVERING OF INSTALLATION OF THE FIRE PROTECTION LINES.
- SITE CONTRACTOR SHALL REFER TO SPECIFICATION SECTION 22 11 13: FACILITY WATER DISTRIBUTION, AND SECTION 22 13 13: FACILITY SANITARY SEWERS.

LAYOUT NOTES:

- ALL EXPANSION JOINTS ARE TO BE SEALED. REFER TO SPECIFICATIONS.
- ALL DIMENSIONS ARE TO FACE OF CURB OR TO FINISHED FACE OF BUILDING UNLESS OTHERWISE NOTED.
- ALL CURB RADI SHALL BE A MINIMUM OF 2'-6" UNLESS OTHERWISE NOTED.
- IN ORDER TO ENSURE PROPER DRAINAGE, KEEP A MINIMUM OF 0.5% SLOPE ON THE CURB.
- ANY BUILDING DIMENSIONS SHOWN ARE NOMINAL. CONSULT ARCHITECTURAL PLANS BEFORE ACTUAL FIELD STAKING.
- ALL SIDEWALKS, RAMPS AND ACCESSIBLE ROUTES SHALL HAVE A 1.5% MAXIMUM CROSS SLOPE. IN NO INSTANCE SHALL THE CROSS SLOPE EXCEED 2.0%. WORK WITH EXCESSIVE CROSS SLOPES SHALL BE REMOVED AND REINSTALLED AT NO ADDITIONAL COST TO THE OWNER.
- MAXIMUM ELEVATION CHANGE AT HANDICAP ACCESSIBLE DOORS SHALL NOT EXCEED 1/2".
- NO PAVEMENT STRIPING SHALL OCCUR UNTIL AFTER PAVING HAS CURED 30 DAYS.
- ALL HANDICAP PARKING SPACES AND ACCESS AISLES SHALL MAINTAIN A MAXIMUM SLOPE OF 1/4" PER 1' IN ANY DIRECTION PER THE NC ACCESSIBILITY CODE. CONTRACTOR IS RESPONSIBLE FOR ACHIEVING POSITIVE DRAINAGE. FLAT AREAS OR AREAS OF EXCESSIVE SLOPE SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

GRADING AND DRAINAGE NOTES:

- CONTRACTOR SHALL TAKE CARE TO MAKE SMOOTH FLOWING TRANSITIONS @ NEW AND EXISTING ASPHALT TIES. SLOPE BETWEEN FIXED SPOT ELEVATIONS SHALL BE CONSTANT UNLESS OTHERWISE SPECIFIED.
- ALL CONTOURS AND SPOT ELEVATIONS REFLECT FINISHED GRADES TO TOP OF PAVEMENT OR TOP OF SOIL IN PLANTING/GRASS AREAS. REFER TO PAVEMENT CROSS SECTION DETAILS TO ESTABLISH CORRECT SUBBASE ELEVATION.
- NEW EARTHWORK SHALL BE BLENDED SMOOTHLY TO TIE INTO EXISTING GRADE.
- ALL NEW PAVEMENT AREAS SHALL HAVE POSITIVE DRAINAGE SUCH THAT ALL RUNOFF WILL DRAIN ACROSS PAVEMENT TO NEW OR EXISTING DRAINAGE FEATURES OR SHEET FLOW OVERLAND.
- ANY PROPOSED GRASSED (SEEDED OR SODDED), MULCHED OR PLANTING AREA SHALL BE LEFT 4" BELOW FINISHED GRADES SHOWN. THE FINAL 4" IN ALL DISTURBED AREAS SHALL BE 4" LAYER OF TOPSOIL BEFORE PLACING THE TOPSOIL. THE TOP 6" OF THE SUBGRADE SHALL BE UNCOMPACTED. ALL STONE AND CONSTRUCTION DEBRIS REMOVED. WORK THE FIRST 2" OF TOPSOIL INTO THE TOP 4" OF LOOSENEED SUBGRADE BEFORE SPREADING THE FINAL 2" OF TOPSOIL. IF TOPSOIL SECTION IS INDICATED AS OTHER THAN 4" ON LANDSCAPE PLANS, FOLLOW LANDSCAPE PLANS.
- ALL SLOPES 4:1 AND GREATER AND ALL GRASSED CHANNELS AND SWALES SHALL BE STABILIZED WITH TEMPORARY EROSION CONTROL SYNTHETIC LINER.
- ALL SPOT ELEVATIONS SHOWN WITHIN PAVED AREAS AND ALONG CURBS REPRESENT TOP OF PAVEMENT (TP) OR BOTTOM OF CURB (BC) UNLESS OTHERWISE INDICATED.

EROSION CONTROL NOTES:

- THE GRADING CONTRACTOR SHALL USE WHATEVER MEASURES ARE REQUIRED TO PREVENT SILT AND CONSTRUCTION DEBRIS FROM FLOWING BEYOND THE DENUDED LIMITS SHOWN ON THE PLANS. CONTRACTOR SHALL COMPLY WITH ALL LOCAL STATE AND FEDERAL EROSION SEDIMENT AND SILTATION ORDINANCES. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL MEASURES UPON COMPLETION OF PERMANENT DRAINAGE FACILITIES AND NOT BEFORE ALL AREAS DRAINING TO THESE FACILITIES ARE SUFFICIENTLY STABILIZED. CONTRACTOR SHALL FINE GRADE AND STABILIZE ALL AREAS WHERE TEMPORARY EROSION CONTROL MEASURES WERE REMOVED AND REMAIN VIGILANT IN CARE AND MONITORING UNTIL ALL AREAS ARE FULLY STABILIZED.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE NC EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL, US DEPARTMENT OF AGRICULTURE, AND ALL LOCAL STANDARDS. WHEN SPECIFICATIONS ARE IN CONFLICT, THE STRICTER SPECIFICATION SHALL BE HELD.
- ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE CONSTRUCTED SIMULTANEOUSLY WITH THE DISTURBANCE OF THE LAND AND SHALL REMAIN FUNCTIONAL UNTIL THE CONTRIBUTING DISTURBED AREAS ARE STABILIZED. SILT BARRIERS WILL BE INSTALLED AS NECESSARY TO PREVENT EXCESSIVE SEIMENTATION OF DOWNSTREAM AREAS.
- LOCATE ANY STOCKPILED TOPSOIL OR SUBSOIL WITHIN THE DENUDED LIMITS AND ABOVE THE SEDIMENT BASINS. FOR SMALL DISTURBED AREAS WITHOUT A SETTLING BASIN, ALL DISTURBANCES AND STOCKPILES SHALL BE WITHIN THE PERIMETER SILT FENCE.
- INLET PROTECTION IS REQUIRED FOR ALL INLETS LOCATED WITHIN THE WORKING AREA AND ANY INLETS DIRECTLY DOWNSTREAM WHICH COULD BE IMPACTED.
- INLET PROTECTION IS REQUIRED FOR ALL PHASES OF THE PROJECT AND UNTIL THE DISTURBED AREA IS FULLY STABILIZED.
- THE CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO PREVENT TRACKING OF MUD/SOIL ONTO ADJACENT ROADWAYS. ANY MUD/SOIL TRACKED ONTO ROADWAYS SHALL BE CLEANED DAILY. CONSTRUCTION ENTRANCES SHALL BE MONITORED DAILY AND REDRESSED PERIODICALLY AS NEEDED.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL CONSTRUCTION ACTIVITY REQUIREMENTS OUTLINED IN THE CURRENT NC DEQ GENERAL PERMIT NCG 010000. ALL MONITORING, SELF-INSPECTIONS, RECORD KEEPING, AND CORRECTIVE ACTIONS MUST BE FOLLOWED AS DIRECTED.
- ALL UTILITY AND STORM DRAINAGE EXCAVATIONS ARE TO BE CLOSED AT THE END OF EACH DAY.
- AIRBORNE DUST SEDIMENTATION MUST BE CONTROLLED ONSITE. ALL DISTURBED AREAS ARE TO BE STABILIZED PER THE NC DEQ STABILIZATION SCHEDULE. ALL AREAS OF TRAFFIC AND DISTURBED AREAS THAT HAVE NOT YET BEEN STABILIZED WITH A STAND OF GRASS OR MULCH, MUST BE WATERED DOWN AS NEEDED DURING D RY PERIODS TO PREVENT AIRBORNE DUST MIGRATION OFF-SITE. STOCK PILES THAT ARE NOT STABILIZED SHOULD BE COVERED. WATERING EFFORTS PREVENT DUST FOR A SHORT PERIOD OF TIME AND SHOULD BE APPLIED DAILY IF NOT MULTIPLE TIMES A DAY DEPENDING ON DURATION OF DRY PERIOD AND WIND CONDITIONS.
- CONTRACTOR IS RESPONSIBLE FOR TEMPORARY WATERING, FERTILIZING, WEEDING, MOWING, AND REPLANTING OF ALL TURF AREAS WITHIN THE DISTURBED LIMITS UNTIL A HEALTHY, WELL-ROOTED, VIABLE TURF, FREE OF WEEDS AND BARE AREAS, HAS BEEN ESTABLISHED.
- CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE STABILIZATION OF THE ENTIRE SITE AT THE COMPLETION OF THE PROJECT. COORDINATE FINAL STABILIZATION WITH REMOVAL OF EROSION CONTROL MEASURES AND THE REPAIR OF THOSE AREAS.
- IF WORK IS SUSPENDED OR DELAYED FOR 14 DAYS, THE CONTRACTOR SHALL TEMPORARILY STABILIZE THE DISTURBED AREA AT NO ADDITIONAL COST TO THE OWNER.
- EACH EXISTING ROAD WILL BE CLEANED AND RESTORED DAILY.

PAVEMENT MARKING AND SIGNAGE NOTES:

- ALL PROPOSED SIGNS SHOWN ON THESE PLANS ARE TO BE INSTALLED BY THE CONTRACTOR.
- ALL EXISTING SIGNS AND PAVEMENT MARKINGS REMOVED DURING PROJECT DEMOLITION, OR FOR REASONS OF CONFLICT, REGARDLESS OF INCLUSION ON SURVEY OR THIS PLAN, ARE TO BE REINSTALLED TO PREVIOUS LAYOUT OR IN A CLOSE ALTERNATE LOCATION AS COORDINATED WITH THE CAMPUS WITH NEW SIGN POSTS AND MOUNTING HARDWARE.
- ALL NEW SIGNS SHALL HAVE HIGH INTENSITY PRISMATIC SHEETING THAT MEETS THE MINIMUM RETROREFLECTIVITY STANDARDS FOUND IN THE LA TEST EDITION OF THE MUTCD.
- ALL SIGNS SHALL BE INSTALLED WITH NEW POSTS AND HARDWARE.
- THE LATERAL OFFSET OF ALL ROADWAY SIGNS FROM FACE OF CURB TO THE EDGE OF THE SIGN SHALL BE BETWEEN 2' AND 5' (USE 3' UNLESS O BSTRUCTED). FOR AREAS WHERE THERE IS A SIDEWALK ADJACENT TO THE CURB, SET THE POST CLOSE TO THE CURB, PROVIDING A 1' LATERAL OFFSET FROM FACE OF CURB TO EDGE OF SIGN.
- ALL PAVEMENT MARKINGS AND TRAFFIC CONTROL SIGNS FROM FACE OF CURB TO THE EDGE OF THE SIGN SHALL BE IN ACCORDANCE WITH THE MANUAL ON "UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND "NORTH CAROLINA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES"; BOTH CURRENT EDITIONS.
- ALL PAVING PAVEMENT MARKINGS SHALL BE TWO COATS OF PAINT. ADDITIONALLY, ANY PROPOSED CROSS WALK OR STOP BAR MARKINGS SHALL BE REFLECTORIZED WITH GLASS BEADS TO CONFORM TO PAVED PAVEMENT MARKING STDs. ALL ROADWAY PAVEMENT MARKING SHALL BE THERMOPLASTIC.
- CONTRACTOR SHALL MILL ANY EXISTING MARKING SHOWN TO BE REMOVED WHERE THE PAVEMENT SURFACE WILL BE LEFT INTACT. EXISTING MARKINGS IN CONFLICT WITH PROPOSED MARKINGS SHALL ALSO BE MILLED.
- CONTRACTOR SHALL THE PROPOSED MARKINGS TO EXISTING MARKINGS AT PROJECT LIMITS.
- ANY PROPOSED WHITE PAVEMENT MARKINGS ON CONCRETE SHALL BE SHADOWED WITH BLACK MARKINGS, PROVIDING A 2" SHADOW MARGIN ON EACH SIDE OF THE WHITE MARKING.

SEWER LEGEND

DESCRIPTION	EXISTING	PROPOSED
GRAVITY PIPE	— SS —	=====
SINGLE SERVICE LATERAL	-----	=====
DOUBLE SERVICE LATERAL		
MANHOLE		
CLEANOUT		
FORCEMAIN	-- 10"FM --	-- 10"FM --
VALVE AND BOX		
FLUSH HYDRANT		
REDUCER		
BACKFLOW PREVENTOR		
CROSS		
TEE		
90° BEND - HORIZONTAL		
45° BEND - HORIZONTAL		
22½° BEND - HORIZONTAL		
11½° BEND - HORIZONTAL		
BEND - VERTICAL		
PLUG \ CAP		

WATER LEGEND

DESCRIPTION	EXISTING	PROPOSED
WATER MAIN	— 10"W —	— 10"W —
SINGLE SERVICE LATERAL	-----	-----
DOUBLE SERVICE LATERAL		
VALVE AND BOX		
FIRE HYDRANT W/VALVE & BOX		
POST HYDRANT		
REDUCER		
BACKFLOW PREVENTOR		
SERVICE SADDLE AND CORPORATION STOP (SSCS)		
CROSS		
TEE		
90° BEND - HORIZONTAL		
45° BEND - HORIZONTAL		
22½° BEND - HORIZONTAL		
11½° BEND - HORIZONTAL		
BEND - VERTICAL		
CAP		

ABBREVIATIONS

DBL	DOUBLE	FM	FORCE MAIN (SANITARY SEWER)	PC	POINT OF CURVE	TC	TOP OF CURB
BOT	BOTTOM	FP	FINISH PAD	PH	POST HYDRANT	TH	THROAT ELEVATION
CB	CATCH BASIN	FR	FRAME	PT	POINT OF TANGENT	TG	TOP OF GUTTER
CI	CURB INLET	GI	GRATE INLET	PVC	POLYVINYL CHLORIDE	TP	TOP OF PAVEMENT
CO	CLEAN OUT	GV	GATE VALVE	RCP	REINFORCED CONCRETE PIPE	TW	TOP OF WALK
CPP	CORRUGATED PLASTIC PIPE	HDPE	HIGH DENSITY POLYETHYLENE	RC	ROLL CURB INLET	TYP	TYPICAL
DBL	DOUBLE	HI	HOODED INLET	RCP	REINFORCED CONCRETE PIPE	VI	VALLEY INLET
DI	DITCH INLET	INV	INVERT ELEVATION	RI	ROOF INLET	W	WATER
DIP	DUCTILE IRON PIPE	JB	JUNCTION BOX	RJP	RESTRAINED JOINT PIPE	W/	WITH
EL	ELEVATION	LF	LINEAR FEET	R/W	RIGHT-OF-WAY	WV	WATER VALVE
ES	END SECTION	MAX	MAXIMUM	SD	STORM DRAINAGE	YI	YARD INLET
FES	FLARED END SECTION	MIN	MINIMUM	SDMH	STORM DRAINAGE MANHOLE		
FG	FINISH GRADE	MH	MANHOLE	SF	SQUARE FEET		
FH	FIRE HYDRANT	OC	ON CENTER	SS	SANITARY SEWER		

OTHER UTILITIES LEGEND

DESCRIPTION	EXISTING
NATURAL GAS	— UGG —
TELEPHONE	— OHT —
UNDERGROUND TELEPHONE	— UTL —
ELECTRICITY	— OHP —
UNDERGROUND ELECTRICITY	— UE —

OWNER:
JOHN C. CAMPBELL FOLK SCHOOL
CONTACT: JOE HARVEY
EMAIL: joe@folkschool.org
ADDRESS: 1 FOLK SCHOOL ROAD
BRASSTOWN, NC 28902
PHONE: 828-837-2775

SURVEYOR:
THOMAS & HUTTON
CONTACT: ANTHONY DIBONA
EMAIL: albona.a@tandh.com
ADDRESS: 1111 METROPOLITAN AVE.
SUITE 500
CHARLOTTE, NC 28204
PHONE: 980-306-5569

CIVIL ENGINEER:
THOMAS & HUTTON
CONTACT: JEFF SMITH, PE
EMAIL: smith.jeff@tandh.com
ADDRESS: 1111 METROPOLITAN AVE.
SUITE 500
CHARLOTTE, NC 28204
PHONE: 704-907-2214

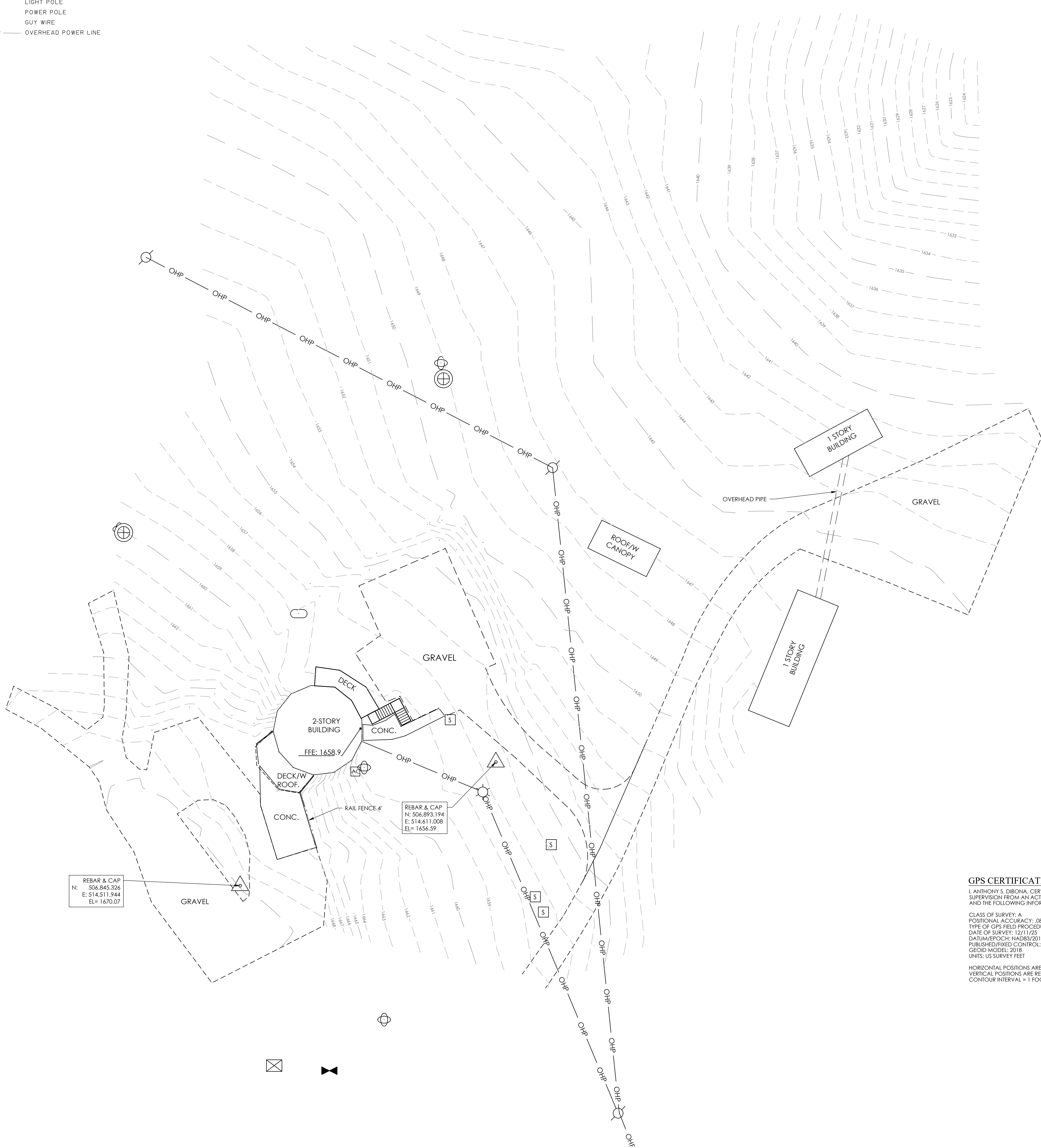


COUNTY CHEROKEE
CITY BRASSTOWN

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- LEGEND
- △ CONTROL POINTS
 - ☒ WATER BOX
 - ☐ SEPTIC LID
 - Ⓜ GENERATOR
 - Ⓜ TRANSFORMER
 - Ⓜ HVAC
 - CLEAN OUT
 - ⊕ SPIGOT
 - ⊕ SIGN
 - ⊕ WATER VALVE
 - Ⓜ SANITARY SEWER MAHOLE
 - Ⓜ STORM DRAIN MANHOLE
 - Ⓜ OAK-SIZE SHOWN
 - Ⓜ WELL
 - PROPANE TANK
 - CPP—CORRUGATED PLASTIC PIPE
 - CMP—CORRUGATED METAL PIPE

- UTILITY LEGEND
- ⊕ LIGHT POLE
 - ⊕ POWER POLE
 - ⊕ GUY WIRE
 - OHP — OVERHEAD POWER LINE



GPS CERTIFICATE:
I, ANTHONY S. DIBONA, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL GPS SURVEY MADE UNDER MY SUPERVISION AND THE FOLLOWING INFORMATION WAS USED TO PERFORM THE SURVEY

CLASS OF SURVEY: A
POSITIONAL ACCURACY: 08"
TYPE OF GPS FIELD PROCEDURE: RTK
DATE OF SURVEY: 12/11/25
DATUM/EPOCH: NAD83/2011
PUBLISHED/FIXED CONTROL: RTK
GEOID MODEL: 2019
UNITS: US SURVEY FEET

HORIZONTAL POSITIONS ARE REFERENCED TO NAD83/2011
VERTICAL POSITIONS ARE REFERENCED TO NAVD88 USING GEOID 18
CONTOUR INTERVAL = 1 FOOT



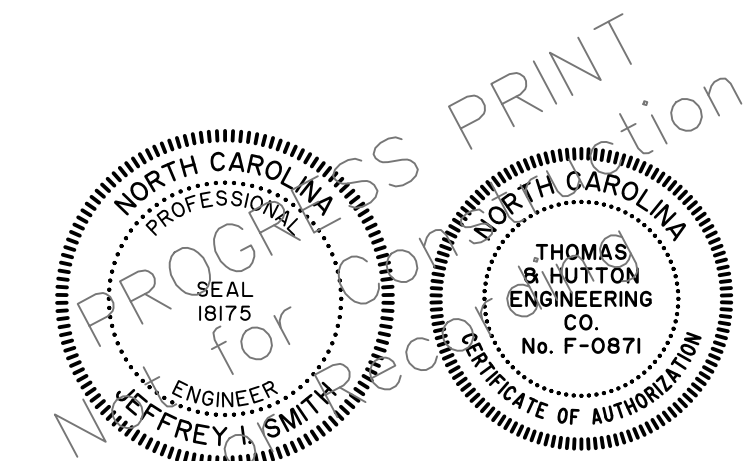
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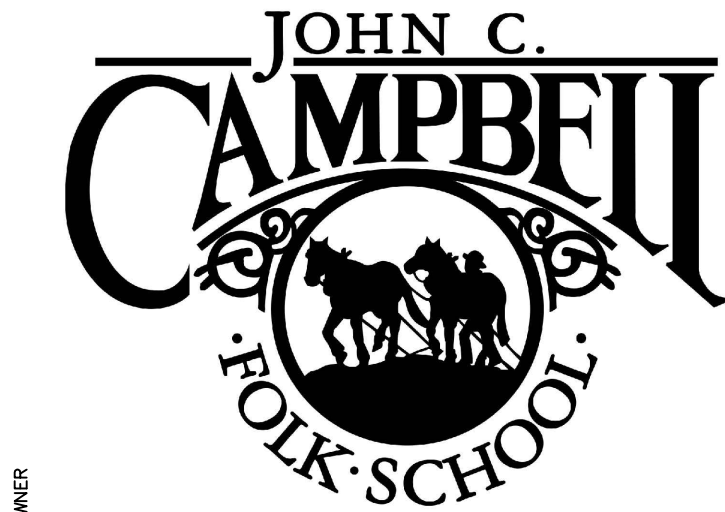
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NO. DATE DESCRIPTION



ACCESSIBLE HOUSING

ONE FOLK SCHOOL RD
BRASSTOWN, NC 28902
JOB NO: 26162

EXISTING CONDITIONS

C010

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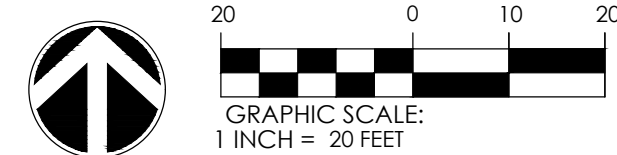
ONE FOLK SCHOOL RD
BRASSTOWN, NC 28902
JOB NO: 26162

C020

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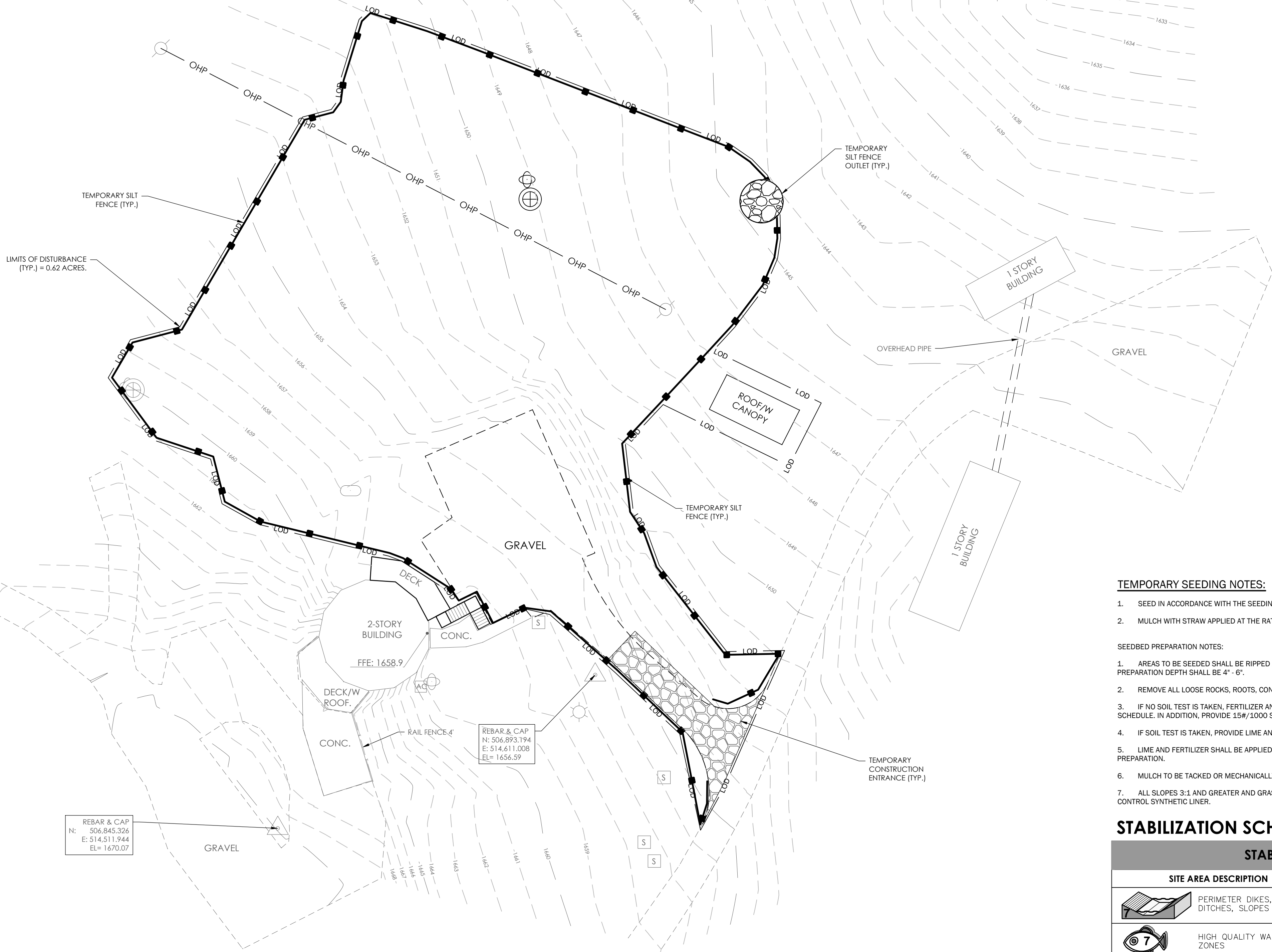
	CONTROL POINTS
	WATER BOX
	SEPTIC LID
	GENERATOR
	TRANSFORMER
	HVAC
	CLEAN OUT
	SPIGOT
	SIGN
	WATER VALVE
	SENTRY SEWER MANHOLE
	STORM DRAIN MANHOLE
	OAK-SIZE SHOWN
	WELL
	PROPANE TANK
CPP-CORRUGATED PLASTIC PIPE	
CMP-CORRUGATED METAL PIPE	

	LIGHT POLE
	POWER POLE
	GUY WIRE
	OHP ——— OVERHEAD POWER LINE



- LEGEND
- △ CONTROL POINTS
 - ☒ WATER BOX
 - ☒ SEPTIC LID
 - ☒ GENERATOR
 - ☒ TRANSFORMER
 - ☒ HVAC
 - CLEAN OUT
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 - CPP=CORRUGATED PLASTIC PIPE
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- UTILITY LEGEND
- LIGHT POLE
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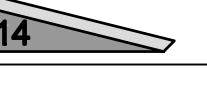
TEMPORARY SEEDING NOTES:

- SEED IN ACCORDANCE WITH THE SEEDING SCHEDULE SHOWN IN THIS SET OF DRAWINGS.
- MULCH WITH STRAW APPLIED AT THE RATE OF 100 LBS./1000 SF.

SEEDBED PREPARATION NOTES:

- AREAS TO BE SEEDED SHALL BE RIPPED AND SPREAD WITH AVAILABLE TOPSOIL 3" DEEP, TOTAL SEEDBED PREPARATION DEPTH SHALL BE 4" - 6".
- REMOVE ALL LOOSE ROCKS, ROOTS, CONSTRUCTION DEBRIS, ETC... FROM THE SURFACE PRIOR TO SEEDING.
- IF NO SOIL TEST IS TAKEN, FERTILIZER AND LIME TO BE IN ACCORDANCE WITH RATES SHOWN IN THE SEEDING SCHEDULE. IN ADDITION, PROVIDE 15#/1000 SF OF SUPERPHOSPHATE.
- IF SOIL TEST IS TAKEN, PROVIDE LIME AND FERTILIZER AS RECOMMENDED BY THE TEST REPORT.
- LIME AND FERTILIZER SHALL BE APPLIED UNIFORMLY AND MIXED WITH THE SOIL DURING SEEDBED PREPARATION.
- MULCH TO BE TACKED OR MECHANICALLY TIED DOWN WITH TWO DAYS AFTER MULCH IS SPREAD.
- ALL SLOPES 3:1 AND GREATER AND GRASSED SWALES SHALL BE STABILIZED WITH TEMPORARY EROSION CONTROL SYNTHETIC LINER.

STABILIZATION SCHEDULE:

STABILIZATION TIMEFRAME:		
SITE AREA DESCRIPTION	STABILIZATION	TIMEFRAME EXCEPTIONS
 PERIMETER DIKES, SWALES, DITCHES, SLOPES	7 DAYS	NONE (NOTE: ALL DITCHES AND INTERIOR BASIN SLOPES ARE TO BE MATTED IN TOWN OF MATTHEWS)
 HIGH QUALITY WATER (HOW) 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, EXCEPT IN T.O.M.
 SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
 ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HOW ZONES.

EROSION CONTROL NOTES:

- GRADING MORE THAN ONE ACRE WITHOUT AN APPROVED EROSION CONTROL PLAN IS A VIOLATION OF THE COUNTY EROSION CONTROL ORDINANCE AND IS SUBJECT TO A FINE.
- ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY. ALL OTHER DISTURBED AREAS SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 5 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.
- ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY A REPRESENTATIVE OF NCDEQ.
- SLOPES SHALL BE GRADED NO STEEPER THAN 2:1. FILL SLOPES GREATER THAN 10' REQUIRE ADEQUATE TERRACING.
- A GRADING PLAN MUST BE SUBMITTED FOR ANY LOT GRADING EXCEEDING ONE ACRE THAT WAS NOT PREVIOUSLY APPROVED.

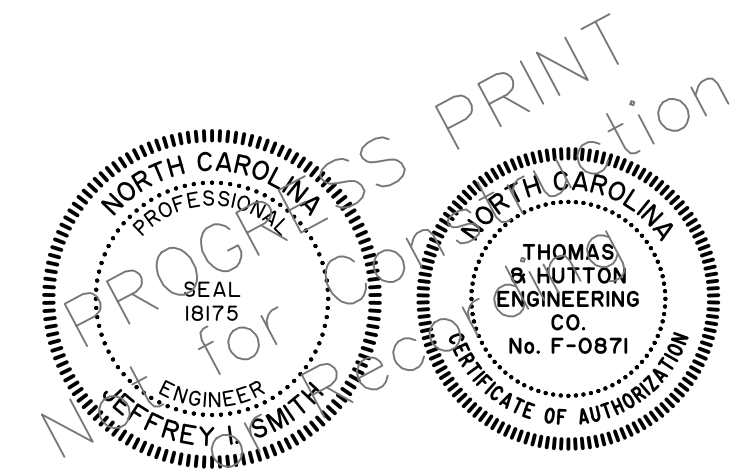
NOTE: ALL STAGING OF MATERIALS AND EQUIPMENT AND ALL ON-SITE CONSTRUCTION PARKING SHALL OCCUR WITHIN THE DISTURBED LIMITS, OUTSIDE THE PUBLIC RIGHT-OF-WAY AND CLEAR OF ALL TREE PROTECTION ZONES.

GENERAL NOTES

- TOPSOIL SHALL BE STORED IN CLEARLY DEFINED SEPARATE AREAS WITHIN STOCKPILES TO PREVENT MIXTURE WITH SUITABLE MATERIAL. CONTRACTOR IS TO REMOVE EXCESS TOPSOIL FROM SITE AT END OF CONSTRUCTION.
- CONTRACTOR TO SUPPLEMENT TOPSOIL IF ON-SITE AMOUNT IS NOT SUFFICIENT.
- SILT FENCE IS TO REMAIN UNTIL SITE REACHES FINAL STABILIZATION.
- ALL SLOPES 3:1 OR GREATER ARE TO BE MATTED WITH EROSION CONTROL BLANKET AND GRASSED BY HYDROSEED METHOD.

CONSTRUCTION SEQUENCE:

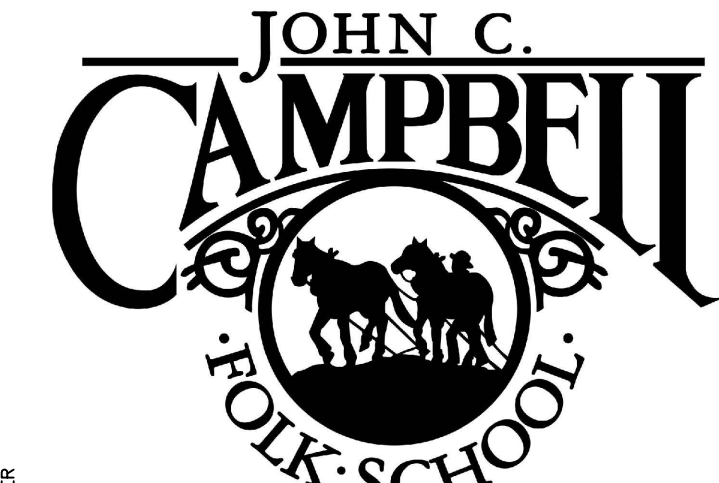
- ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE N.C. EROSION AND SEDIMENT CONTROL DESIGN MANUAL, U.S. DEPT. OF AGRICULTURE, AND NCDEQ.
- FIELD SURVEY AND STAKE PROPOSED DISTURBED LIMITS.
- INSTALL ALL REQUIRED TREE PROTECTION SAFETY FENCING.
- PROVIDE STABILIZED CONSTRUCTION ENTRANCE(S).
- PROVIDE ALL EROSION CONTROL MEASURES AS SHOWN, CLEARING ONLY AS REQUIRED TO INSTALL ANY OF THESE DEVICES SHOWN:
*SILT FENCING *SILT FENCE OUTLETS *ALL OTHER ELEMENTS SHOWN.
- PERFORM CLEARING AND GRUBBING.
- BEGIN CONSTRUCTION.
- BRING AREA TO FINISH GRADE, STABILIZING AREAS TO MAX. EXTENT POSSIBLE.
- FINE GRADE SITE.
- SEED AND MULCH ALL EXPOSED AREAS WITHIN THE TIMEFRAME SHOWN IN THE STABILIZATION SCHEDULE SHOWN ON THIS SHEET.
- STABILIZE SITE AS AREAS ARE BROUGHT TO FINISHED GRADE. MAINTAIN SOIL EROSION CONTROL MEASURES UNTIL PERMANENT GROUND COVER IS ESTABLISHED. ALL SLOPES 3:1 OR GREATER ARE TO BE MATTED WITH EROSION CONTROL BLANKET AND SEEDED BY HYDROSEED METHOD.
- ONCE SITE AREAS ARE STABILIZED WITH PERMANENT GROUND COVER, REMOVE SOIL EROSION CONTROL MEASURES. FINE GRADE AND STABILIZE THE AREAS WHERE EROSION CONTROL MEASURES ARE REMOVED.



STAMP

ISSUANCES

NO. DATE DESCRIPTION



OWNER

ACCESSIBLE
HOUSING

ONE FOLK SCHOOL RD
BRASSTOWN, NC 28902
JOB NO: 26162

EROSION CONTROL
PLAN

C030

08.26.26



Know what's below.
Call before you dig.

LIMITS OF DISTURBANCE:
0.62 ACRES



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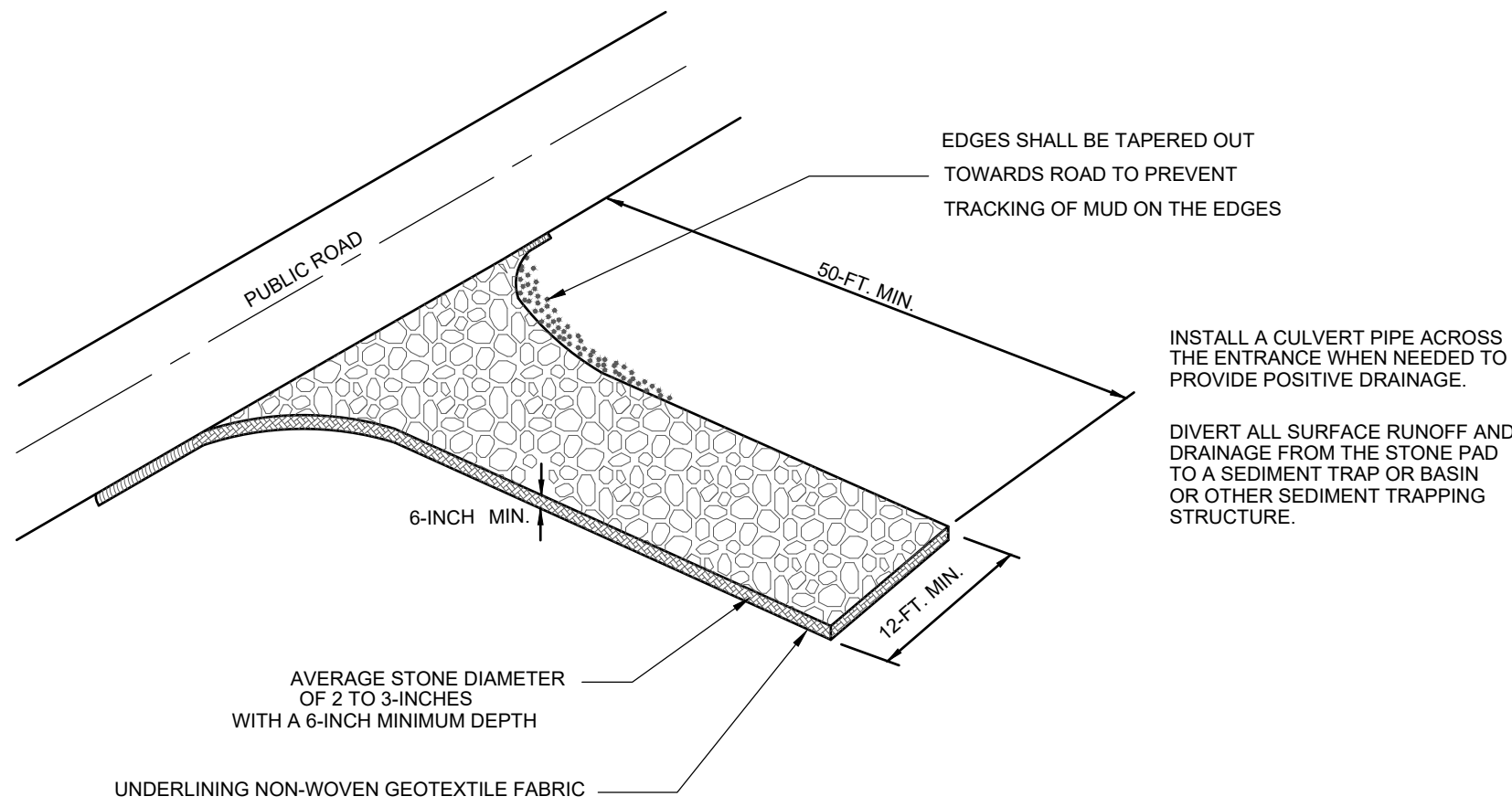
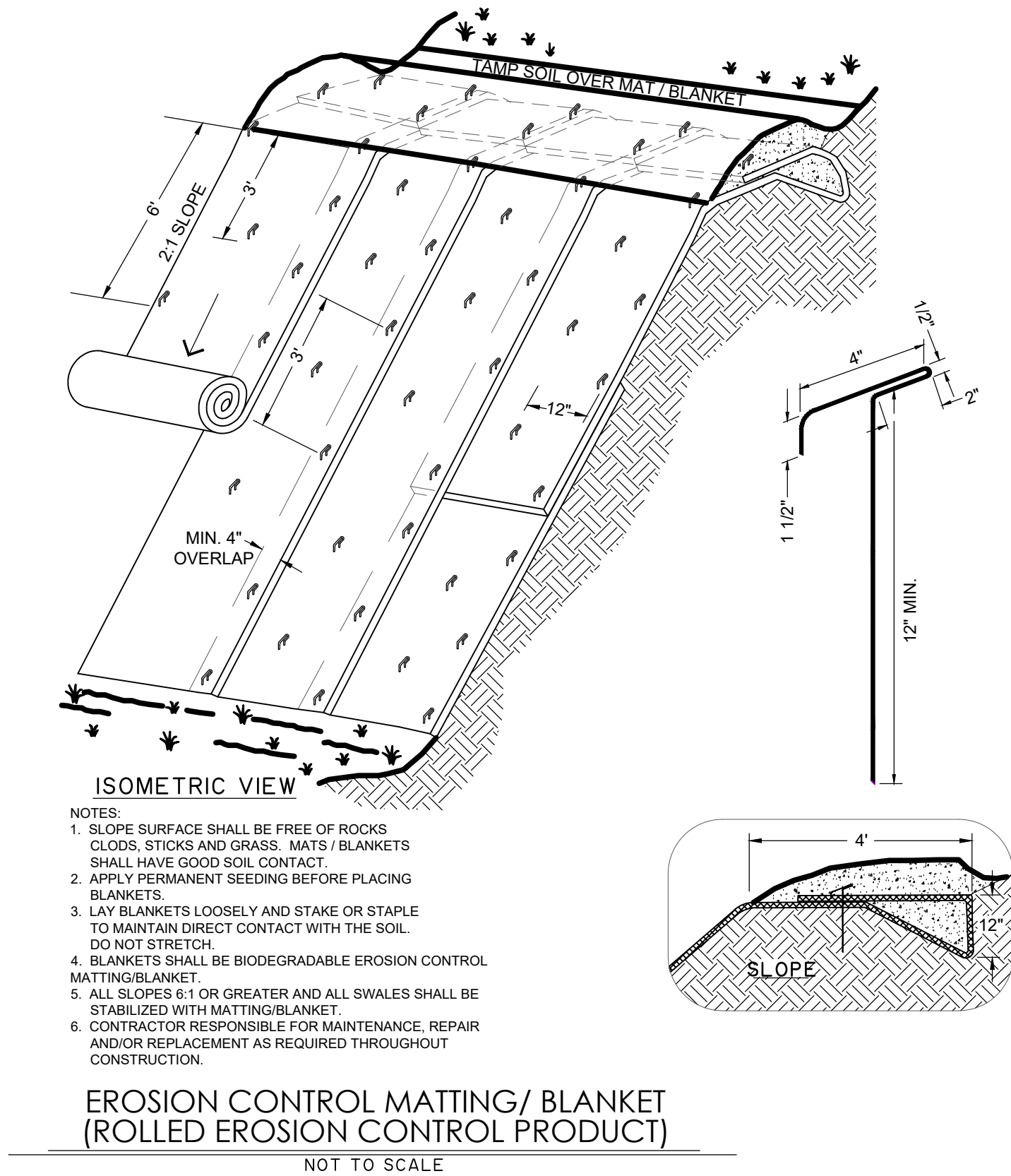
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WHEN AND WHERE TO USE IT:
STABILIZED CONSTRUCTION ENTRANCES SHOULD BE USED AT ALL POINTS WHERE TRAFFIC WILL BE LEAVING A CONSTRUCTION SITE AND MOVING DIRECTLY ONTO A PUBLIC ROAD.

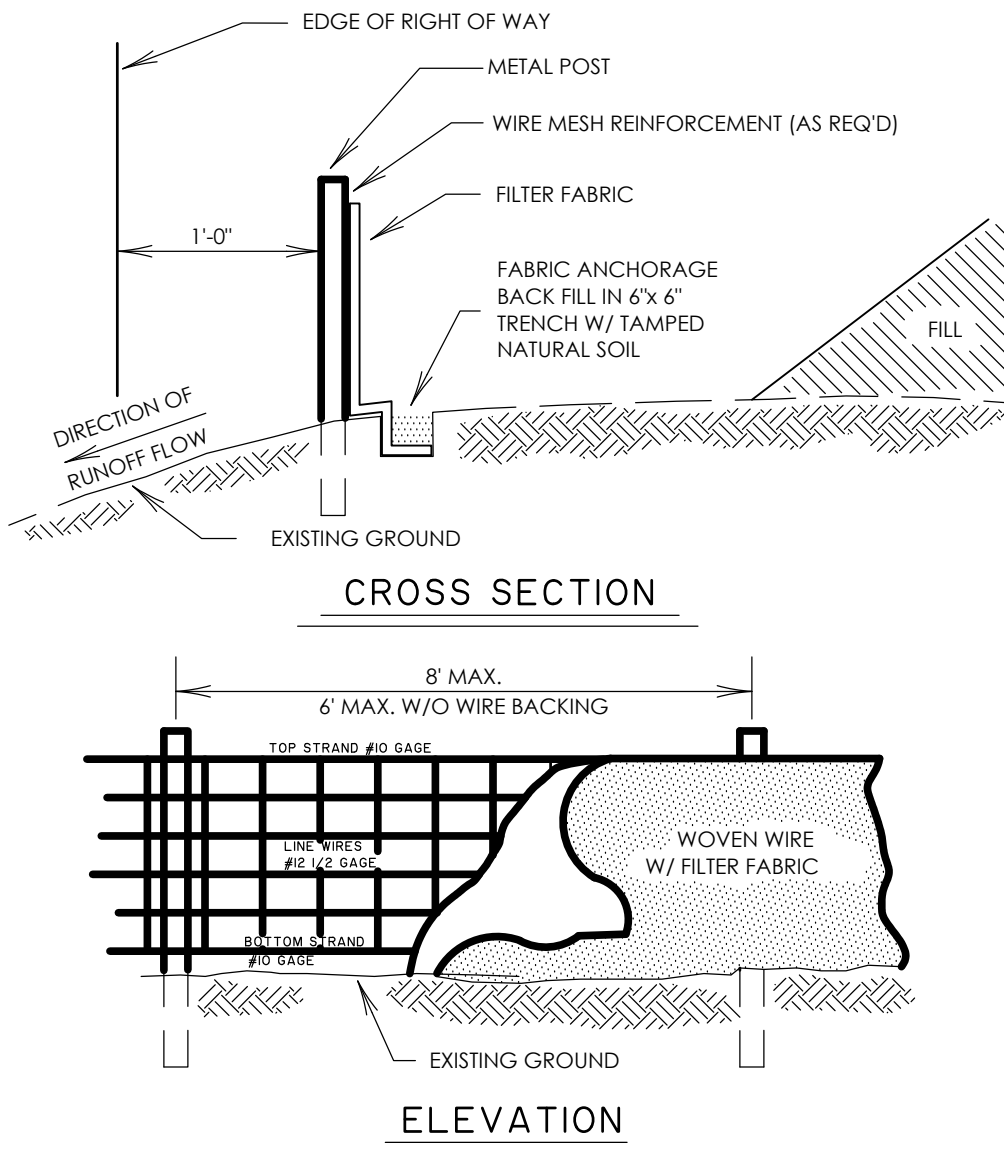
IMPORTANT CONSIDERATIONS:
IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFFSITE. WASHDOWN FACILITIES SHALL BE REQUIRED AS DIRECTED BY SCDHEC AS NEEDED. WASHDOWN AREAS IN GENERAL MUST BE ESTABLISHED WITH CRUSHED GRAVEL AND DRAIN INTO A SEDIMENT TRAP OR SEDIMENT BASIN. CONSTRUCTION ENTRANCES SHOULD BE USED IN CONJUNCTION WITH THE STABILIZATION OF CONSTRUCTION ROADS TO REDUCE THE AMOUNT OF MUD PICKED UP BY VEHICLES.

INSTALLATION:
REMOVE ALL VEGETATION AND ANY OBJECTIONABLE MATERIAL FROM THE FOUNDATION AREA. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM STONES TO A SEDIMENT TRAP OR BASIN. INSTALL A NON-WOVEN GEOTEXTILE FABRIC PRIOR TO PLACING ANY STONE. INSTALL A CULVERT PIPE ACROSS THE ENTRANCE WHEN NEEDED TO PROVIDE POSITIVE DRAINAGE. THE ENTRANCE SHALL CONSIST OF 1-INCH TO 3-INCH D50 STONE PLACED AT A MINIMUM DEPTH OF 6-INCHES. MINIMUM DIMENSIONS OF THE ENTRANCE SHALL BE 24-FEET WIDE BY 100-FEET LONG, AND MAY BE MODIFIED AS NECESSARY TO ACCOMMODATE SITE CONSTRAINTS. THE EDGES OF THE ENTRANCE SHALL BE TAPERED OUT TOWARDS THE ROAD TO PREVENT TRACKING OF MUD AT THE EDGE OF THE ENTRANCE.

INSPECTION AND MAINTENANCE:
CHECK FOR MUD AND SEDIMENT BUILDUP AND PAD INTEGRITY. MAKE DAILY INSPECTIONS DURING PERIODS OF WET WEATHER. MAINTENANCE IS REQUIRED MORE FREQUENTLY IN WET WEATHER CONDITIONS. RESHAPE THE STONE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL. WASH OR REPLACE STONES AS NEEDED. THE STONE IN THE ENTRANCE SHOULD BE WASHED OR REPLACED WHENEVER THE ENTRANCE FAILS TO REDUCE MUD BEING CARRIED OFF-SITE BY VEHICLES. FREQUENT WASHING WILL EXTEND THE USEFUL LIFE OF STONE. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY BRUSHING OR SWEEPING. FLUSHING SHOULD ONLY BE USED WHEN THE WATER CAN BE DISCHARGED TO A SEDIMENT TRAP OR BASIN. REPAIR ANY BROKEN PAVEMENT IMMEDIATELY.

STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE



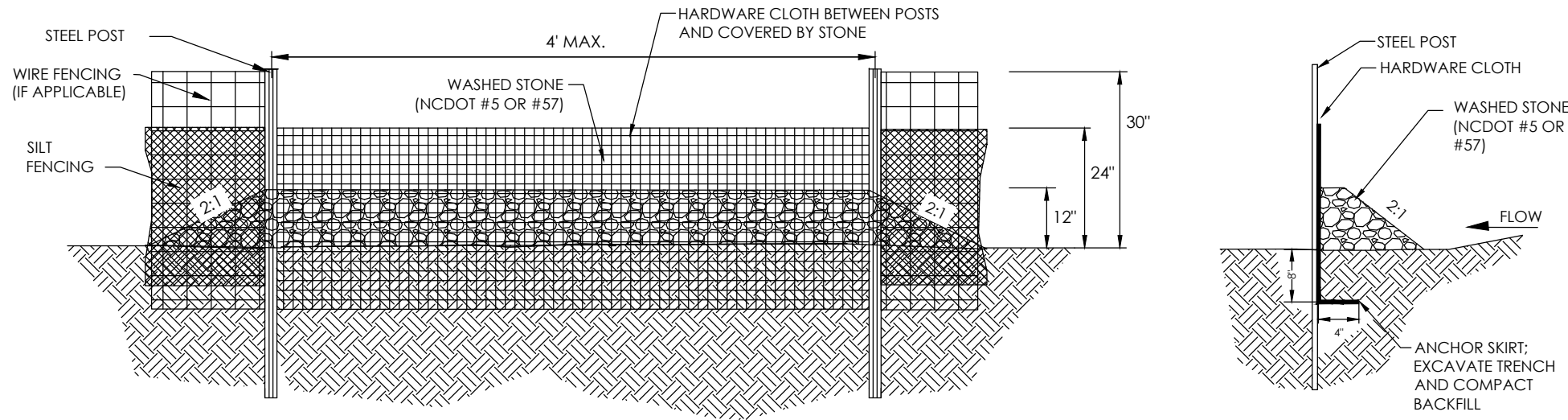
NOTES:
FILTER CLOTH FOR SILT FENCE SHALL BE A TREVIRA TYPE II PRODUCT, CATALOG NO. 1120 AS MANUFACTURED BY THE HOECHST CELANESE CORP OR APPROVED EQUAL.

WOVEN WIRE FENCE SHALL BE REQUIRED AS A BACKING FOR FILTER FABRIC WITH AN ELONGATION AS DETERMINED BY ASTM D 1682, OF 50% OR GREATER. THE WIRE FENCE SHALL BE A MINIMUM OF 32 INCHES IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES

ONLY STEEL POST MAY BE USED. STEEL POST SHALL BE A MINIMUM OF 5 FEET LONG, WEIGH A MINIMUM OF 1.3 POUNDS/FOOT, AND HAVE PROJECTIONS FOR FASTENING THE WIRE OR THE FABRIC TO THE POST. STEEL POST SHALL ALSO HAVE A METAL PLATE SECURELY ATTACHED SUCH THAT WHEN THE POST IS DRIVEN TO THE PROPER DEPTH, THE PLATE WILL BE BELOW GROUND LEVEL FOR ADDITIONAL STABILITY. POSTS SHALL BE INSTALLED TO A DEPTH DIRECTED BY THE ENGINEER, WITH 1 TO 2 INCHES OF THE POST PROTRUDING ABOVE THE TOP OF THE WIRE FENCE OR FABRIC BEING IDEAL, BUT IN ANY CASE, NO MORE THAN 3 FEET OF THE POST SHALL PROTRUDE ABOVE THE GROUND.

TEMPORARY SILT FENCE DETAIL

NOT TO SCALE



GENERAL NOTES:

- SEDIMENT FILTER OUTLET HARDWARE CLOTH SHALL BE 24" HIGH AND STONE SHALL BE A MINIMUM OF 12" HIGH.
- HARDWARE CLOTH SHALL BE ANCHORED TO THE STEEL POSTS SECURELY USING APPROPRIATE ANCHORS. HARDWARE CLOTH SHALL BE KEYS IN A MINIMUM OF 12 INCHES IN LENGTH AND BACKFILLED PROPERLY AS SHOWN IN ABOVE DETAIL. HARDWARE CLOTH TO BE 19 GAUGE, 1/4" SPACING.
- POSTS SHALL BE NO MORE THAN 4 FEET APART.
- SITE OUTLETS AT LOW AREAS IN CONJUNCTION WITH AND ALONG LONG RUNS OF SILT FENCE AT INTERVALS NO CLOSER THAN 100 FEET. DRAINAGE AREA TO OUTLETS SHALL NOT EXCEED 1/4 ACRE.

MAINTENANCE NOTES:

- FILTER OUTLETS SHALL BE INSPECTED BY THE FINANCIALLY RESPONSIBLE PARTY OR HIS AGENT IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS NEEDED SHALL BE MADE IMMEDIATELY.
- THE STONE SHALL BE REPLACED PROMPTLY AFTER ANY EVENT THAT HAS CLOGGED OR REMOVED IT.
- SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN DEPOSITS REACH HALF THE HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OUTLET IS REMOVED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

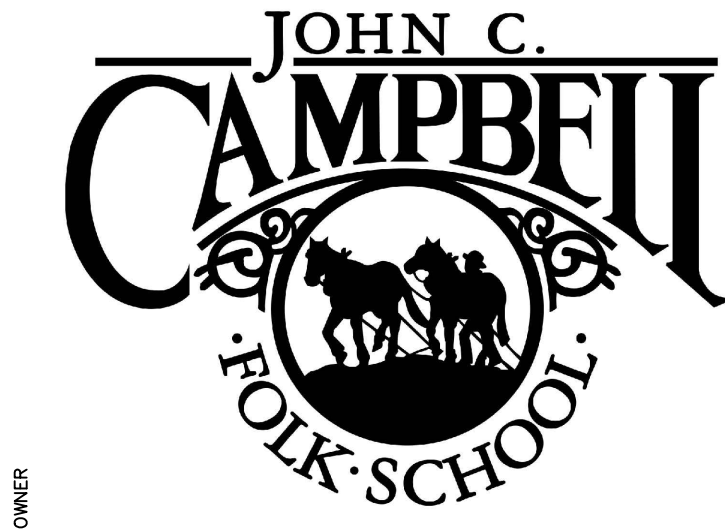
SILT FENCE OUTLET DETAIL

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OWNER

ACCESSIBLE HOUSING

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JOB NO: 26162

EROSION CONTROL DETAILS

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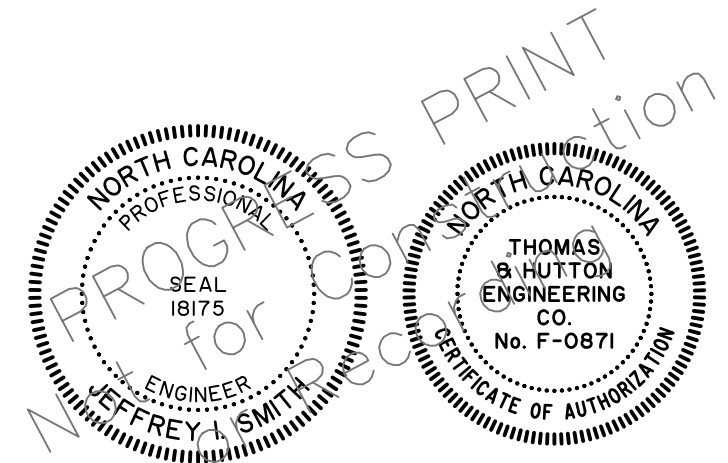
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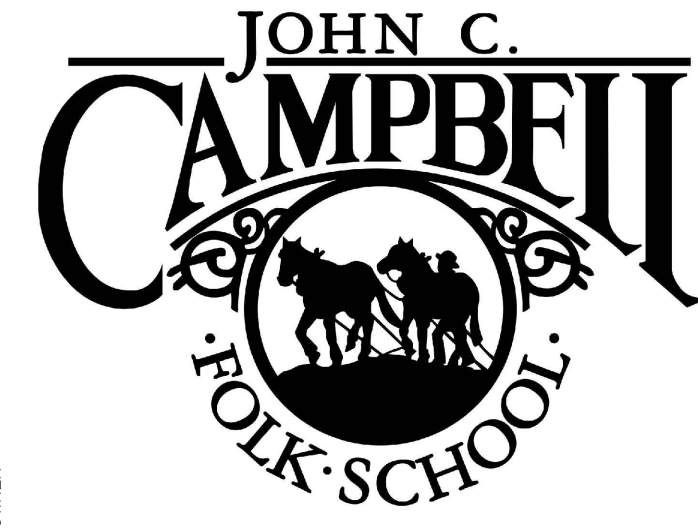
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ISSUANCES

NO.	DATE	DESCRIPTION
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OWNER

ACCESSIBLE HOUSING

ONE FOLK SCHOOL RD
BRASSTOWN, NC 28902
JOB NO: 26162

SITE PLAN

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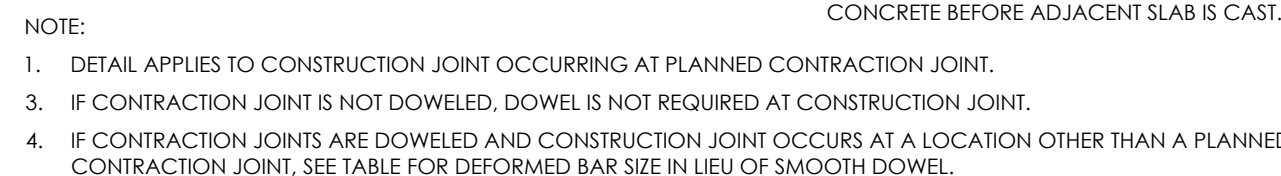


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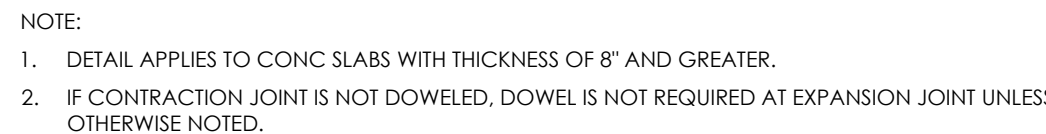
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1. BASED UPON SOIL SUBGRADE MODULUS "K" LESS THAN 300 PCI.
2. EARLY ENTRY SAWING TO OCCUR WITHIN 3 HRS OF PLACEMENT AND 1 TO 2 HOURS AFTER FINISHING.
3. CONVENTIONAL SAWING TO BEGIN 8 TO 12 HRS AFTER PLACEMENT, AS SOON AS CONCRETE HAS HARDENED ENOUGH TO SUPPORT WEIGHT OF EQUIPMENT.

EXTERIOR SLAB TRANSVERSE CONTRACTION JOINT



EXTERIOR SLAB EXPANSION JOINT 8" SLAB AND GREATER

NOTES:

1. BASED UPON SOIL SUBGRADE MODULUS "K" OF LESS THAN 300 PCI.
2. EARLY ENTRY SAWING TO OCCUR WITHIN 3 HOURS OF PLACEMENT AND 1 TO 2 HOURS AFTER FINISHING.
3. CONVENTIONAL SAWING TO BEGIN 8 TO 12 HOURS AFTER PLACEMENT, AS SOON AS CONCRETE HAS HARDENED ENOUGH TO SUPPORT WEIGHT OF EQUIPMENT.
4. PLATE DOWELS VARY BY MANUFACTURER. MANUFACTURER TO PROVIDE RECOMMENDATION BASED UPON DOWEL BAR REQUIREMENTS.
5. JOINT LAYOUT SHALL MEET MINIMUM REQUIREMENTS SHOWN HERE. REFER TO LANDSCAPE PLAN FOR JOINT LAYOUT PLAN. CONTRACTOR SHALL SUBMIT A FINAL JOINT LAYOUT PLAN TO ENGINEER FOR APPROVAL.

NOT TO SCALE



NOTES:

1. SUPPLEMENTAL VAN ACCESSIBLE SIGN TO BE USED IF THERE IS ONLY ONE REQUIRED ACCESSIBLE SPACE (MUST BE VAN ACCESSIBLE) AND AT EACH ADDITIONAL REQUIRED VAN ACCESSIBLE SPACE.
2. SIGNAGE SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND SPECIFICATIONS

SIGN INSTALLATION IN CONCRETE

NOT TO SCALE



SECTION A-A (FLUSH WITH ADJ. PAVEMENT)

NOTES:

1. CONTRACTION JOINTS SHOULD BE FORMED OR SETBACK COINCIDENT WITH THE 10' JOINTS IN THE CURB.
2. PROVIDE MEDIUM BROOM FINISH, RAKE PERPENDICULAR TO FLOW OF TRAVEL.
3. CURB RAMPS SHALL BE INSTALLED AT EACH INTERSECTION OR DESIGNATED CROSSWALK LOCATION AND MUST MEET THE MOST CURRENT ADA STANDARDS AND SPECIFICATIONS AT THE TIME OF CONSTRUCTION.
4. ON ACCESSIBLE ROUTES WHERE SIDEWALK IS LESS THAN 5' WIDE, PASSING SPACES AT LEAST 5'X5' SHALL BE LOCATED AT REASONABLE INTERVALS NOT TO EXCEED 200'.
5. AT DRIVEWAYS AND ADJACENT TO FULL DRIVEWAY NOT ENCLOSED BY CONCRETE CURB, INCREASE MINIMUM THICKNESS TO 4" WITH A GRAVEL BASE OF 6" WITHIN 6' OF PARALLEL AND TO A DISTANCE OF 6' BEYOND EACH SIDE OF THE DRIVEWAY AND THE FULL DRIVEWAY WIDTH.

NOT TO SCALE



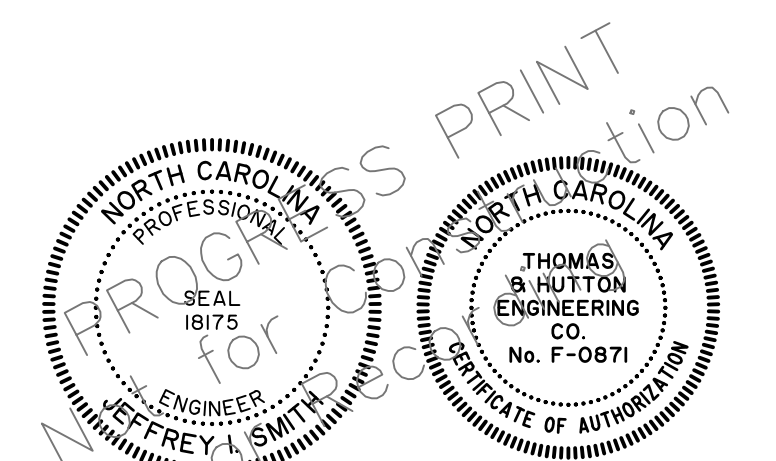
PARKING - CONCRETE PAVEMENT SECTION



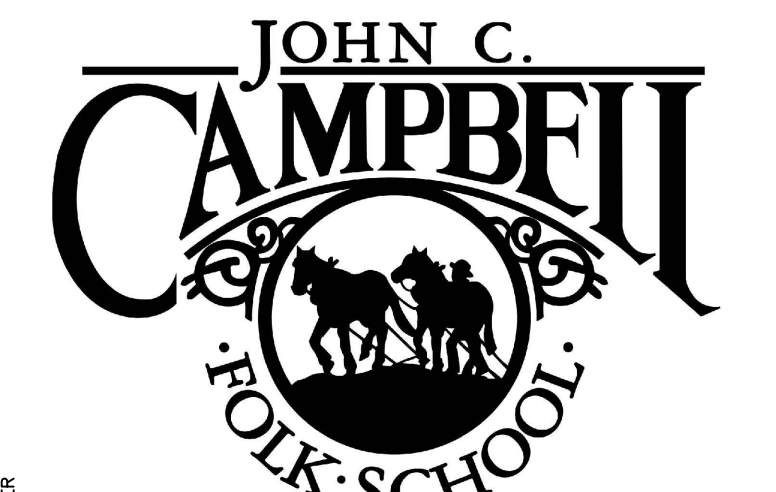
1. THE AGGREGATE BASE COURSE SHALL CONSIST OF CRUSHED AGGREGATE BASE COURSE PER NCDOT'S STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, SECTION 520.

GRAVEL PAVEMENT

NOT TO SCALE



ISSUANCES	NO.	DATE	DESCRIPTION
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ACCESSIBLE HOUSING

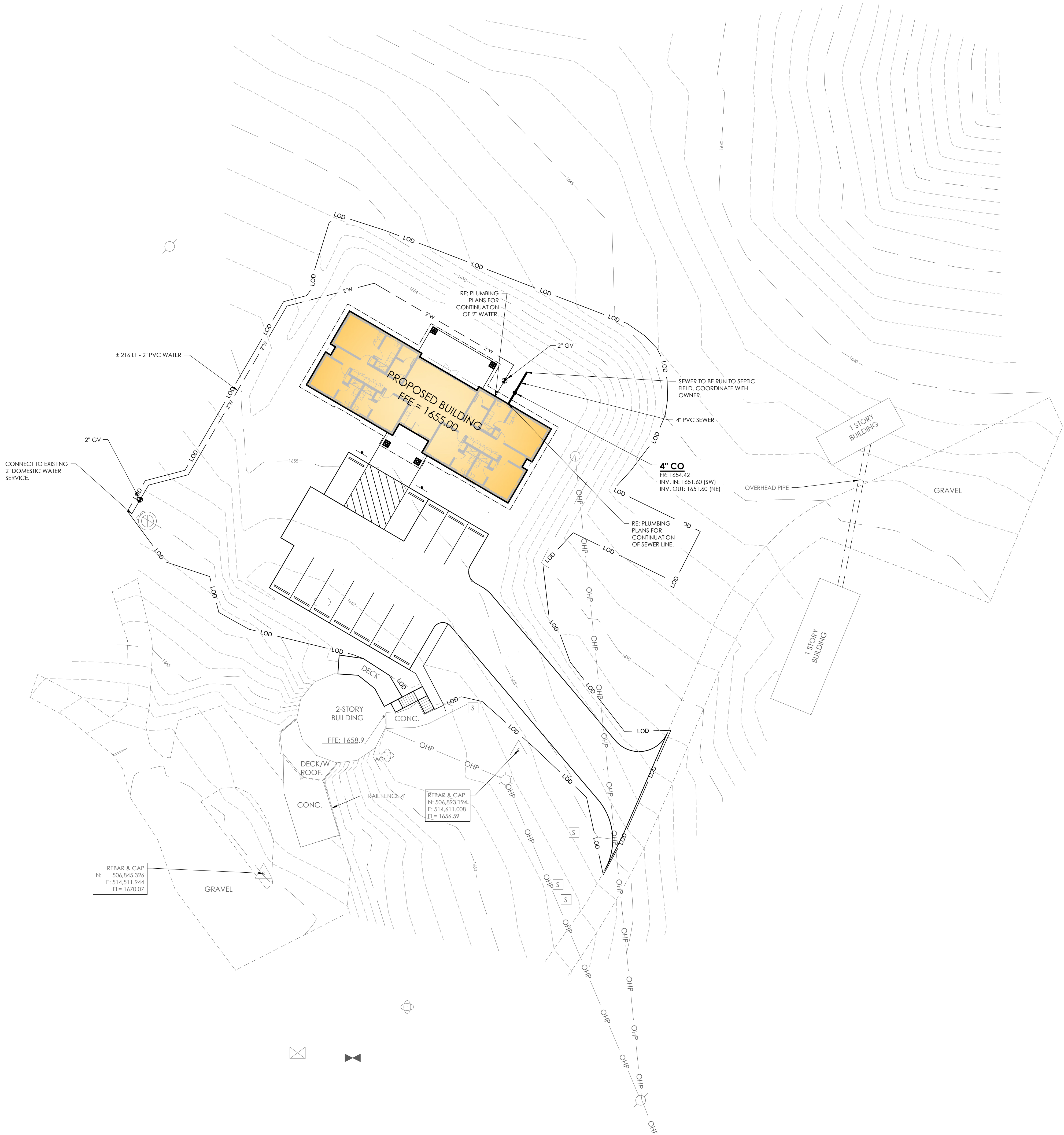
PROJECT INFO: ONE FOLK SCHOOL RD
BRASSTOWN, NC 28902
JOB NO: 26162

SITE DETAILS

C110

08.26.26

Z:\34333\34333.000\ENGINEERING\DRAWINGS\CONSTRUCTION PLANS\34333.0000 - UT-PL DWG - Aug 27, 2026 - 9:38 AM



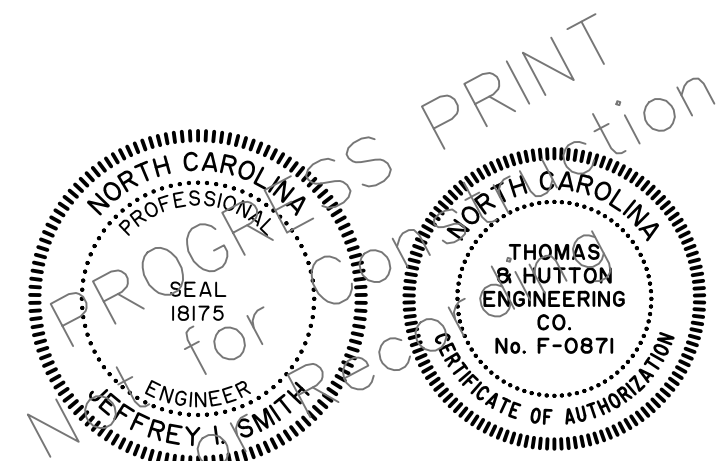
JARVIS NC

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West Key Consulting Corporation
4008 BARRETT DRIVE, SUITE 204
RALEIGH, NC 27609
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westkeyconsulting.com

Kaydos Daniels Engineers
718 W LANE
RALEIGH, NC 27603
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kaydos-daniels.com

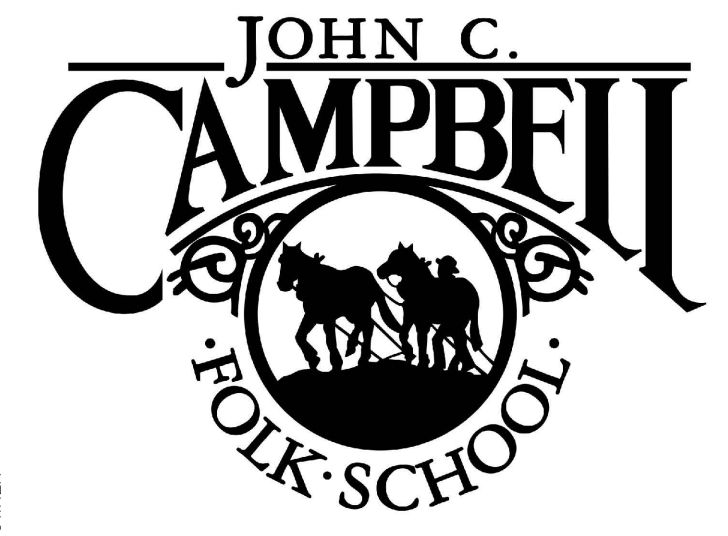
Thomas & Hutton
1111 METROPOLITAN AVE, STE 500
CHARLOTTE, NC 28204
T: 980.201.5511
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OWNER

ACCESSIBLE HOUSING

ONE FOLK SCHOOL RD
BRASSTOWN, NC 28902
JOB NO: 26162

UTILITY PLAN

C200

DRAWING INFORMATION

08.26.26



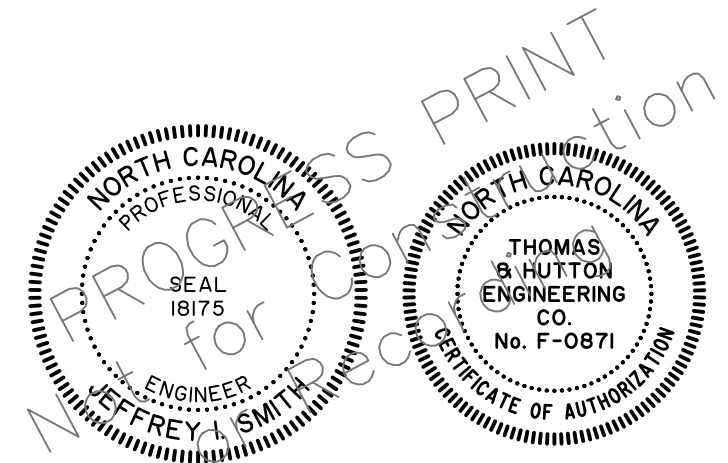
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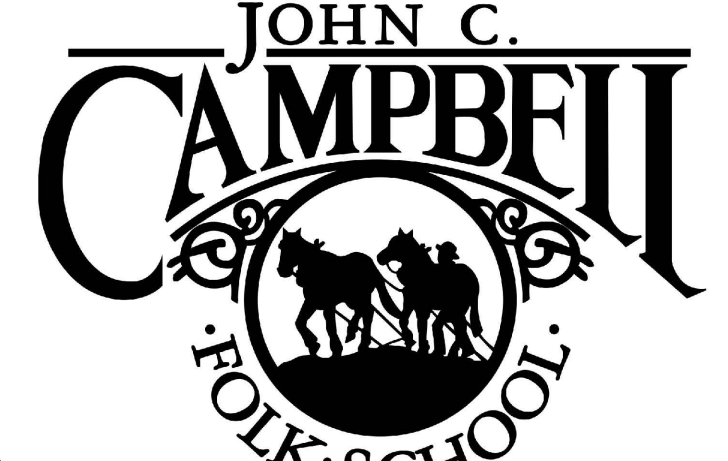
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NO. DATE DESCRIPTION



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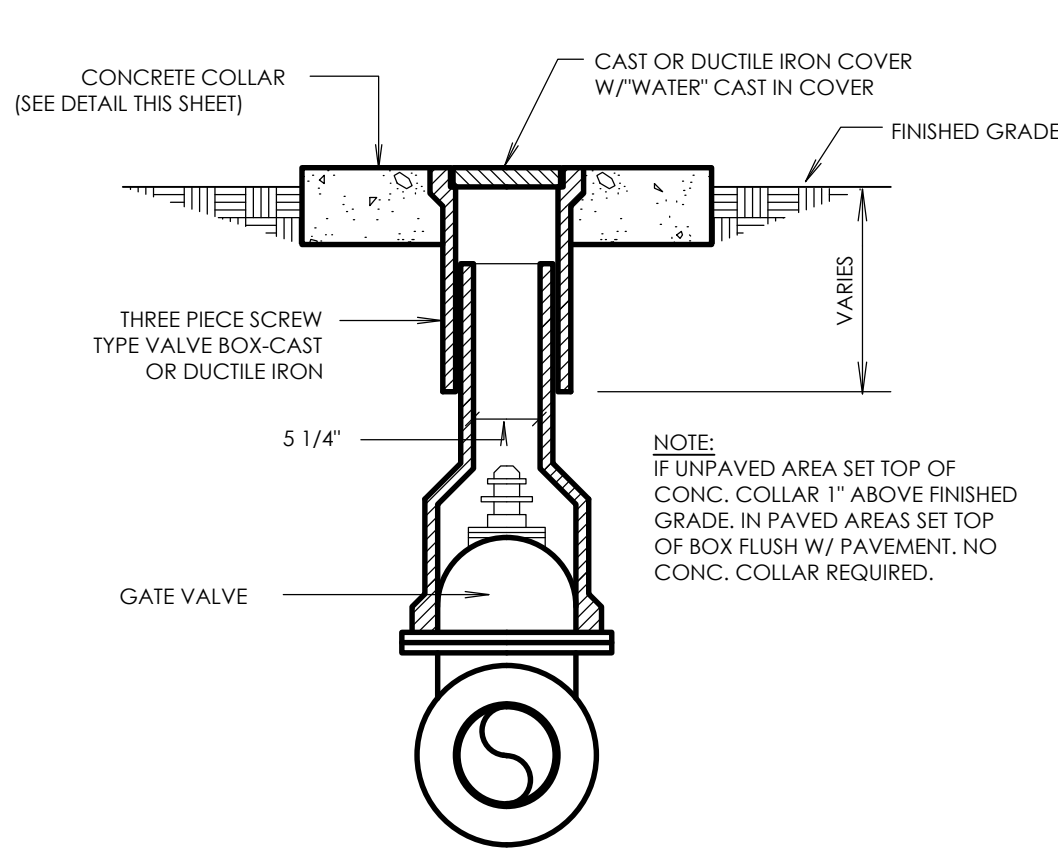
ACCESSIBLE HOUSING

ONE FOLK SCHOOL RD
BRASSTOWN, NC 28902
JOB NO: 26162

UTILITY DETAILS

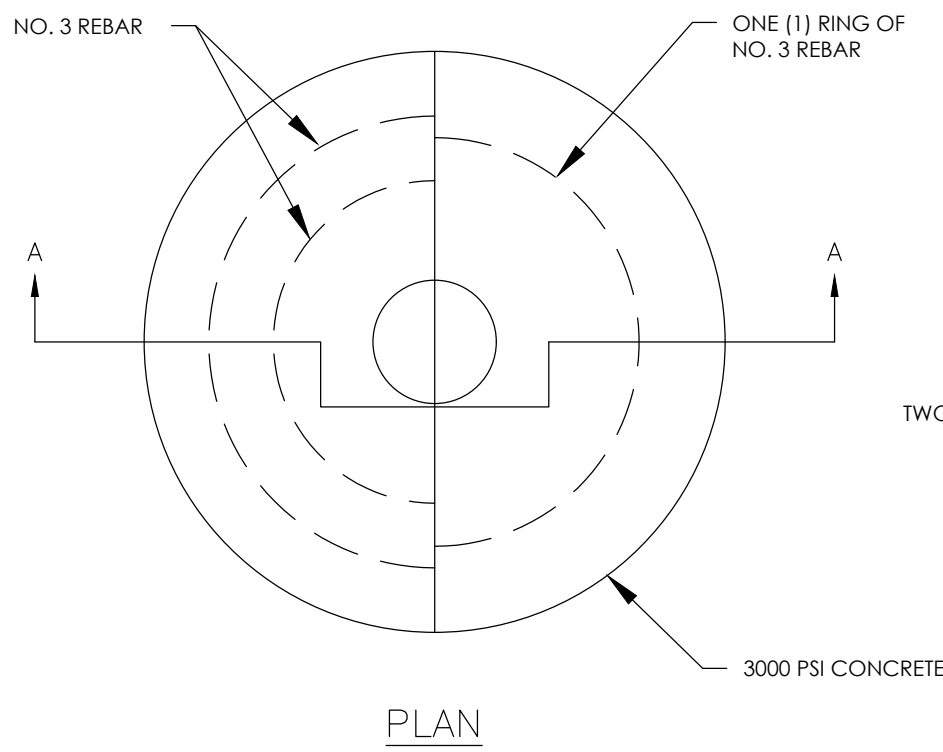
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08.26.26



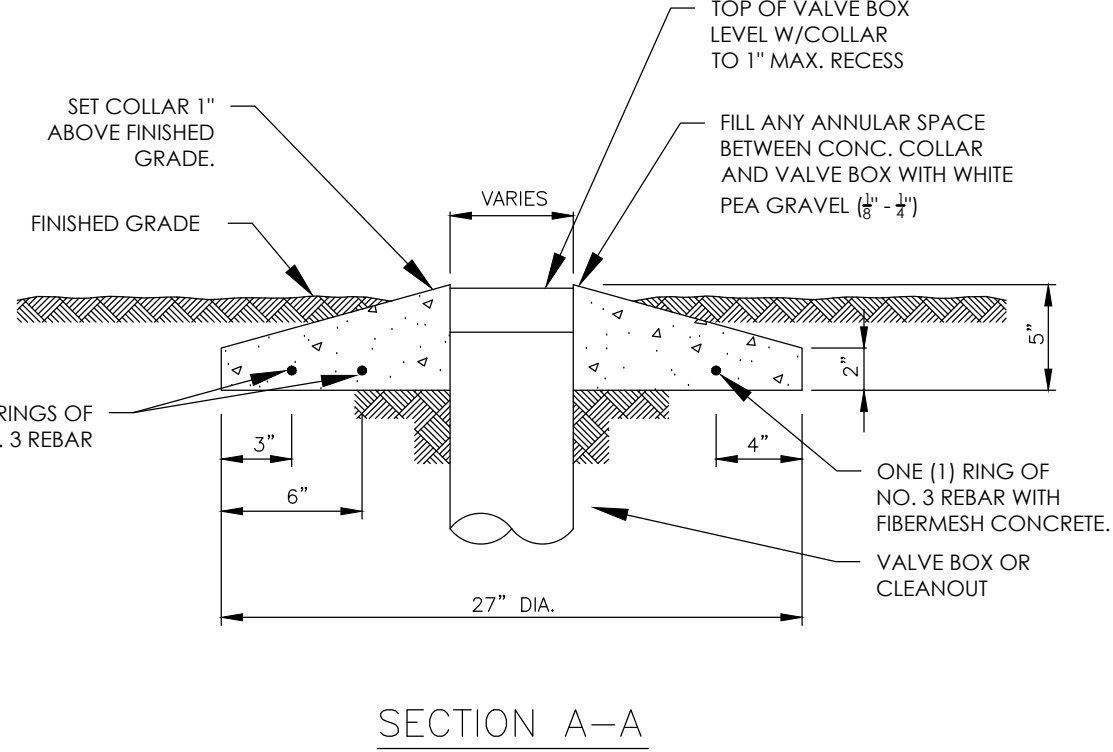
VALVE BOX DETAIL

NOT TO SCALE



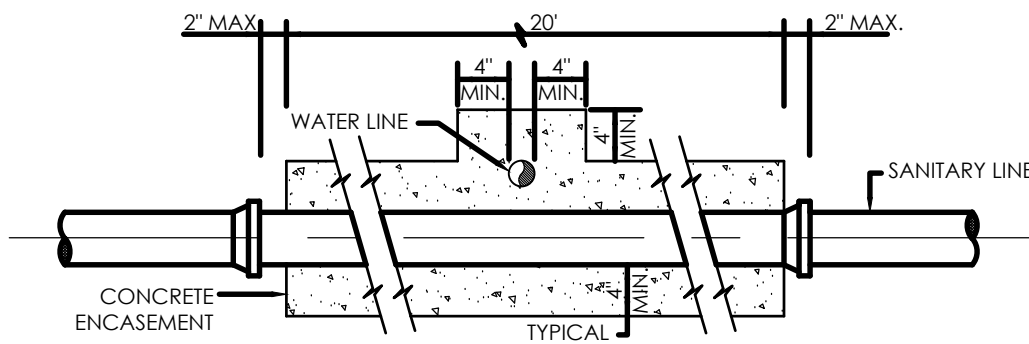
PRECAST CONCRETE COLLAR

NOT TO SCALE

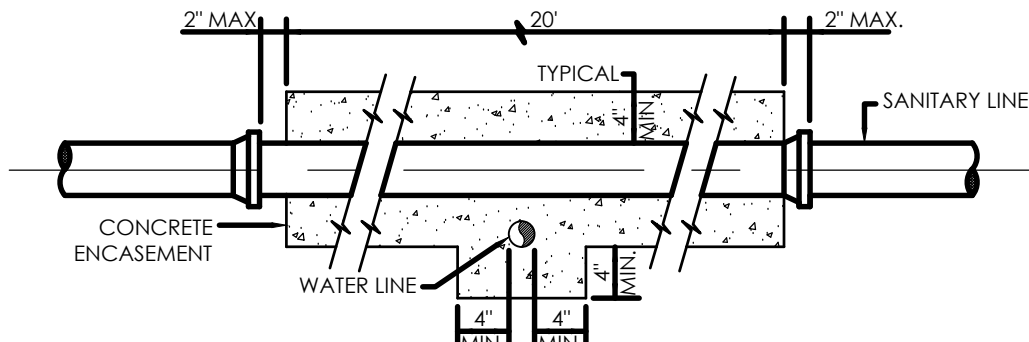


SECTION A-A

- NOTES:
1. TO BE USED WITH ALL CLEANOUTS AND VALVE BOXES WITHIN UNPAVED AREAS.
 2. ALTERNATELY, AN 18\"/>



CONDITION II



CONDITION I

- NOTES:
1. CONCRETE ENCASEMENT AS DETAILED ABOVE SHALL BE USED AT ALL SEWER & WATER MAIN CROSSINGS THAT HAVE LESS THAN 18\"/>
 2. WHERE WATER LINE CROSSES BELOW SEWER, ENCASEMENT IS MANDATORY, REGARDLESS OF VERTICAL SEPARATION.

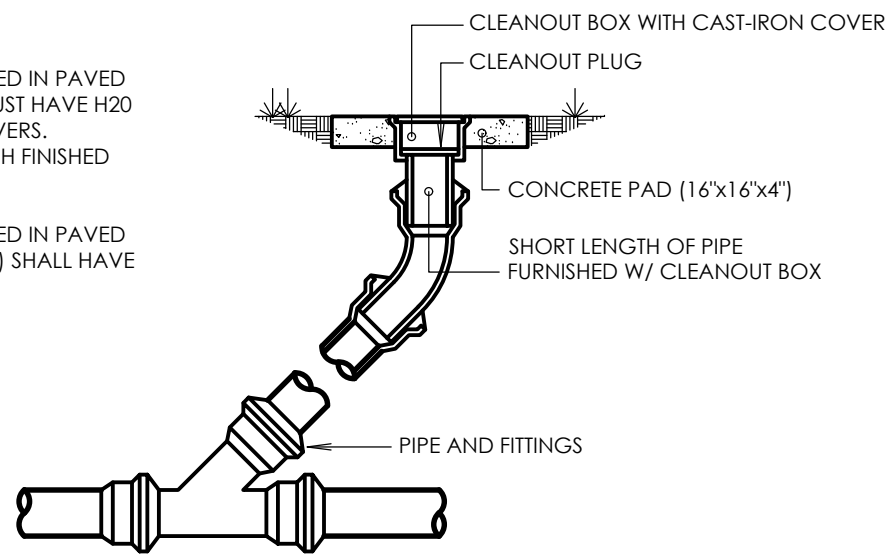
WATER AND SEWER CROSSING DETAIL

NOT TO SCALE

NOTE:

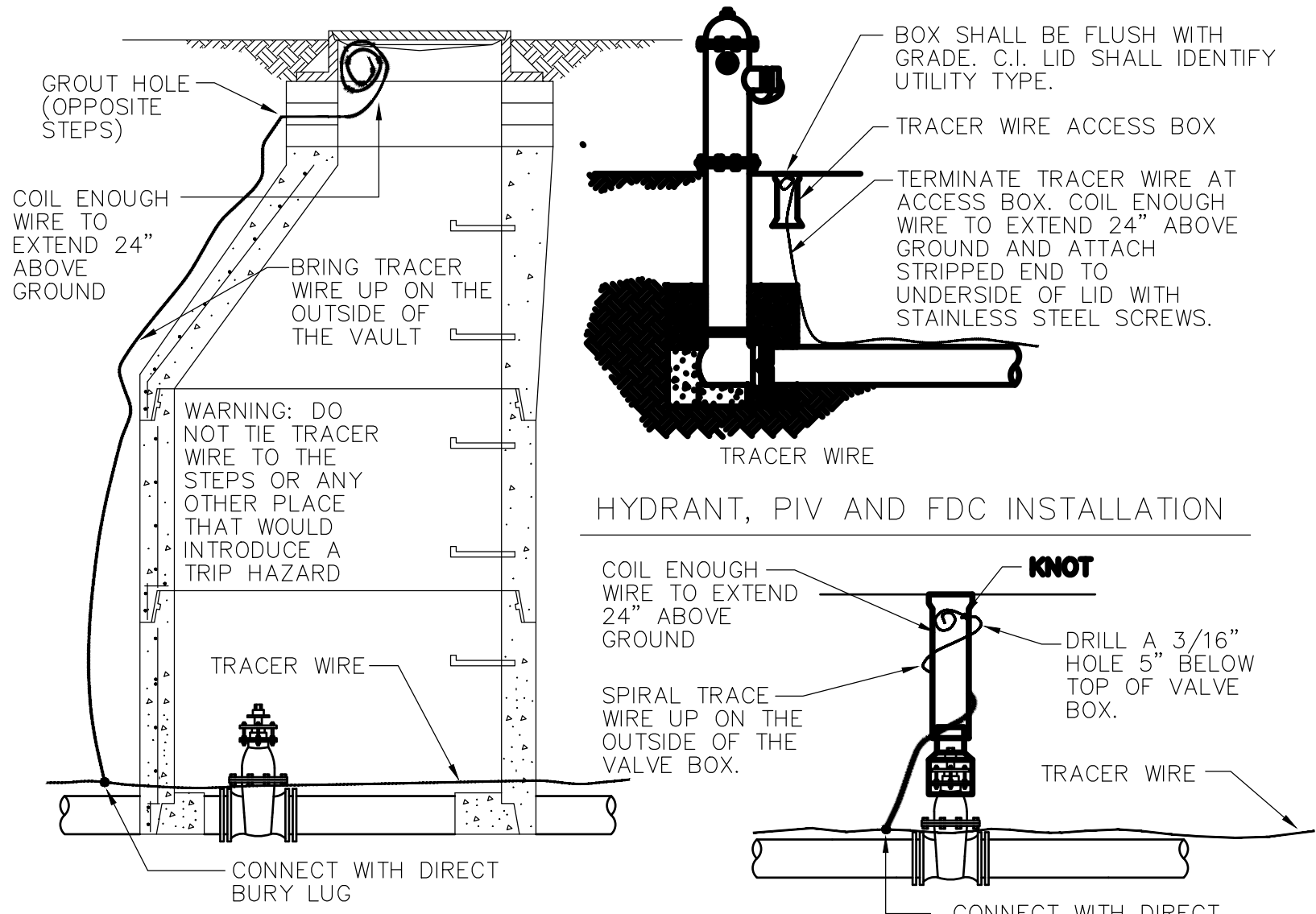
CLEANOUTS LOCATED IN PAVED AREAS (TRAFFIC) MUST HAVE H20 TRAFFIC-RATED COVERS. COVERS WILL MATCH FINISHED PAVEMENT GRADE.

CLEANOUTS LOCATED IN PAVED AREAS (PEDESTRIAN) SHALL HAVE BRASS CAPS



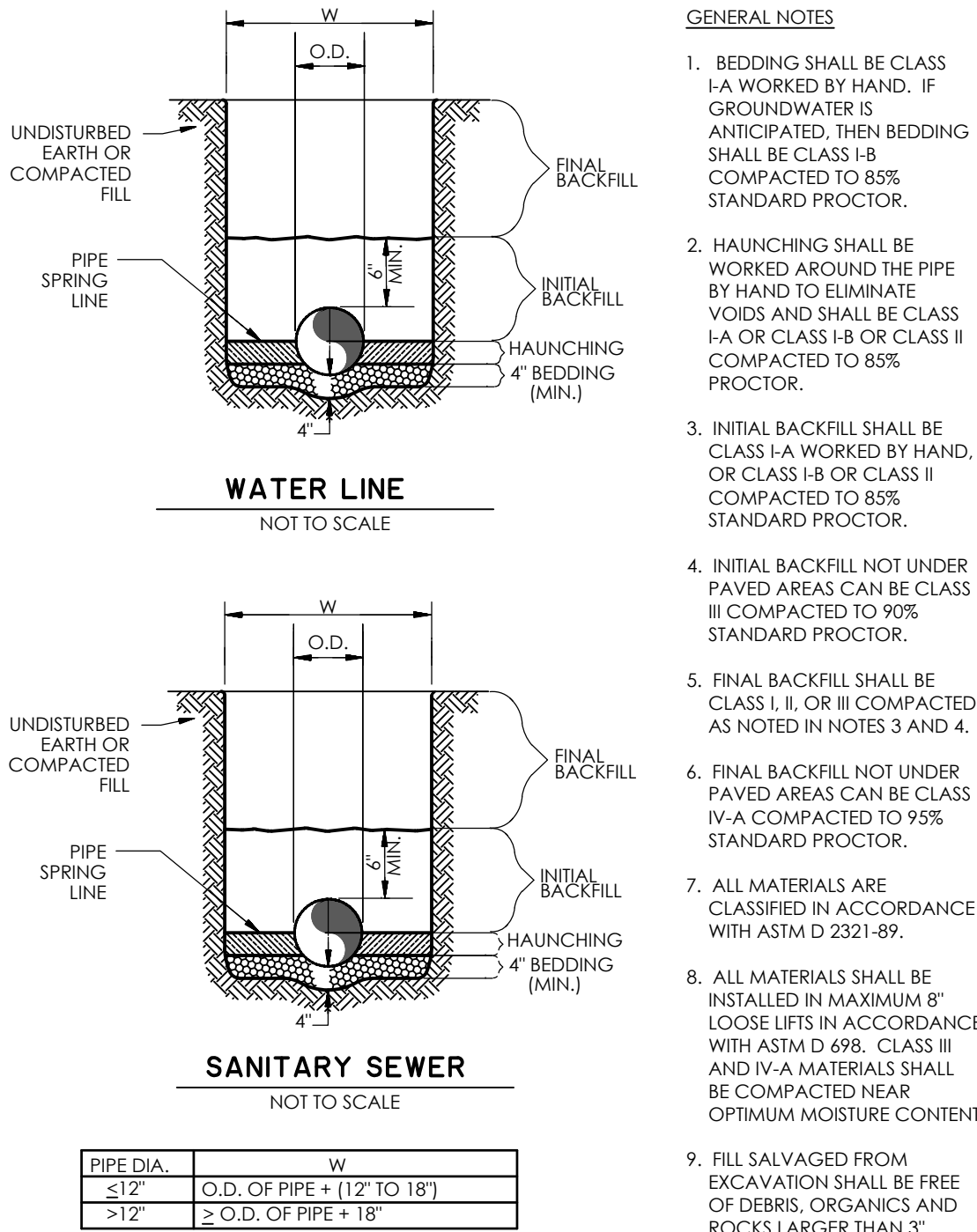
CLEANOUT DETAIL

NOT TO SCALE



TRACER WIRE INSTALLATION

NOT TO SCALE



UTILITY TRENCH AND BEDDING

NOT TO SCALE

GENERAL NOTES

1. BEDDING SHALL BE CLASS I-A WORKED BY HAND. IF GROUNDWATER IS ANTICIPATED, THEN BEDDING SHALL BE CLASS I-B COMPACTED TO 85% STANDARD PROCTOR.
2. HAUNCHING SHALL BE WORKED AROUND THE PIPE BY HAND TO ELIMINATE VOIDS AND SHALL BE CLASS I-A OR CLASS I-B OR CLASS II COMPACTED TO 85% PROCTOR.
3. INITIAL BACKFILL SHALL BE CLASS I-A WORKED BY HAND, OR CLASS I-B OR CLASS II COMPACTED TO 85% STANDARD PROCTOR.
4. INITIAL BACKFILL NOT UNDER PAVED AREAS CAN BE CLASS III COMPACTED TO 90% STANDARD PROCTOR.
5. FINAL BACKFILL SHALL BE CLASS I, II, OR III COMPACTED AS NOTED IN NOTES 3 AND 4.
6. FINAL BACKFILL NOT UNDER PAVED AREAS CAN BE CLASS IV-A COMPACTED TO 95% STANDARD PROCTOR.
7. ALL MATERIALS ARE CLASSIFIED IN ACCORDANCE WITH ASTM D 2321-89.
8. ALL MATERIALS SHALL BE INSTALLED IN MAXIMUM 8\"/>
9. FILL SALVAGED FROM EXCAVATION SHALL BE FREE OF DEBRIS, ORGANICS AND ROCKS LARGER THAN 3\"/>
10. ALL TRENCH EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED IN COMPLIANCE WITH OSHA REGULATIONS AND LOCAL ORDINANCES. (SEE SPECIFICATIONS)

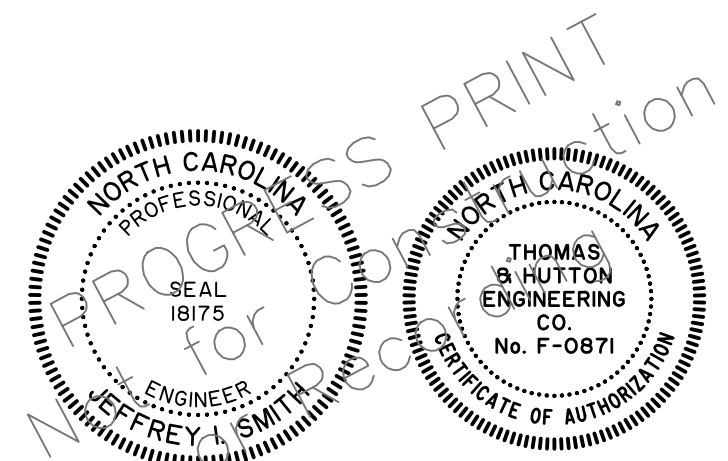
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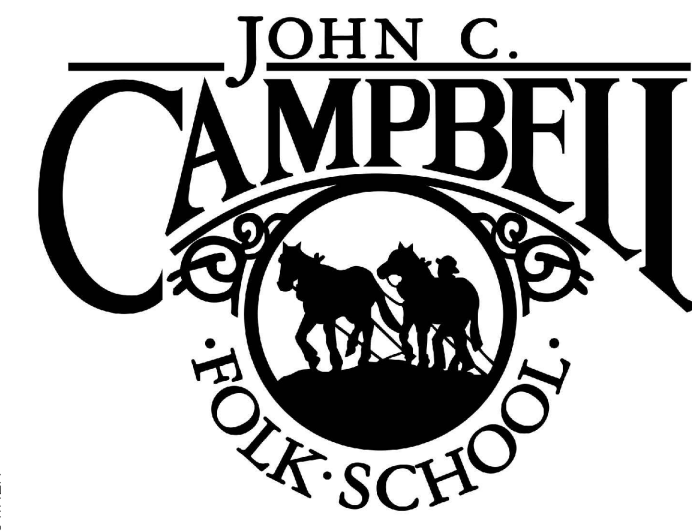
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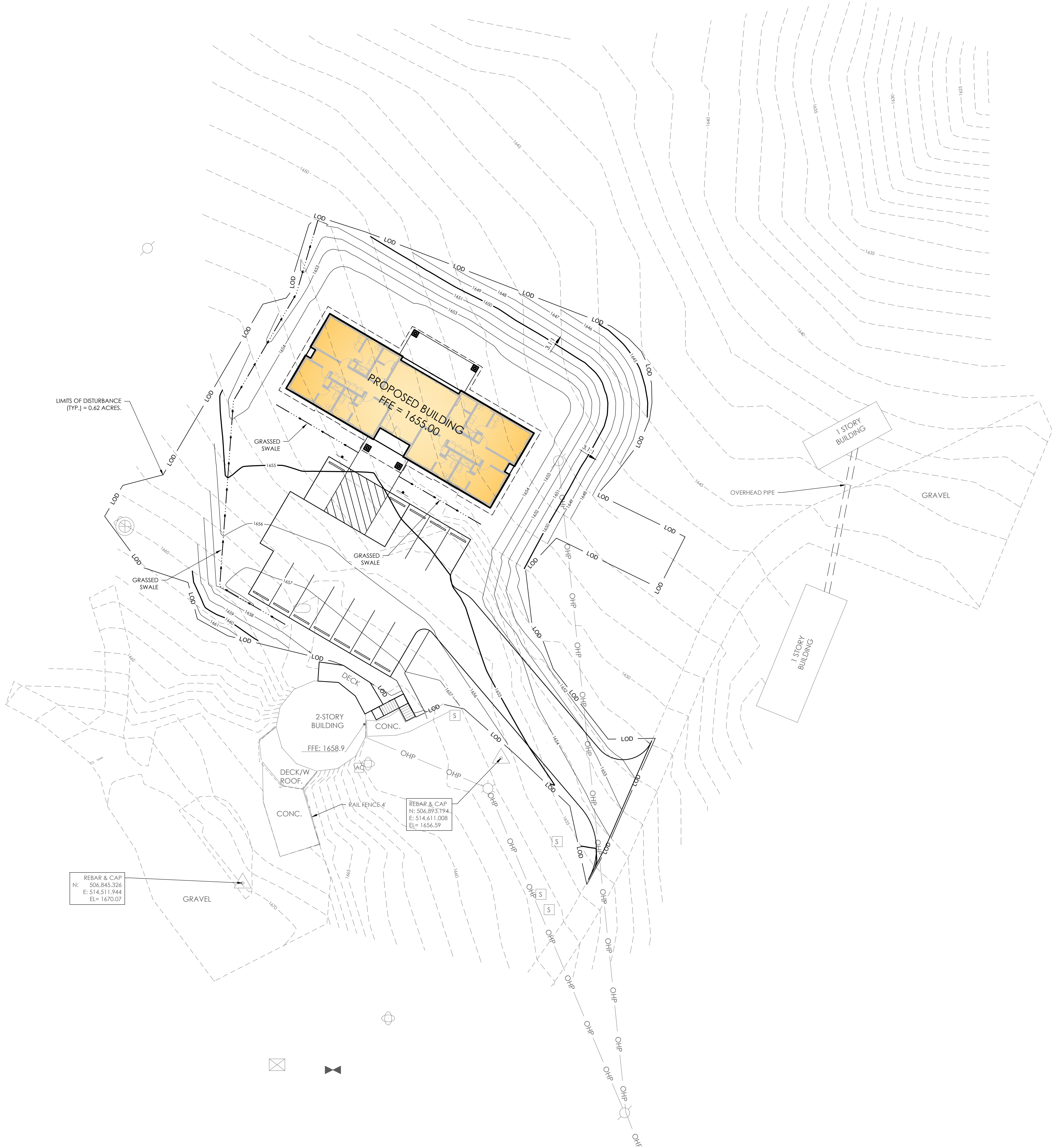
ACCESSIBLE HOUSING

ONE FOLK SCHOOL RD
BRASSTOWN, NC 28902
JOB NO: 26162

GRADING PLAN

C300

08.26.26

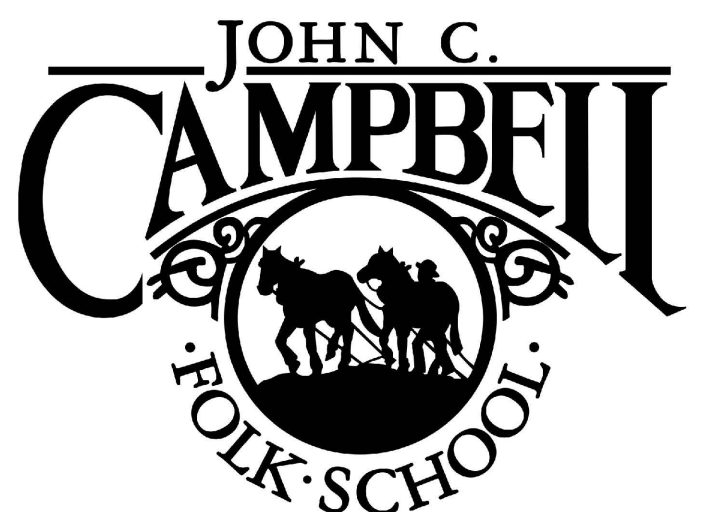


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ONE FOLK SCHOOL RD
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JOB NO: 26162

C301

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