

RIDGE CARE

US HWY 17 HAMPSTEAD

PENDER COUNTY, NORTH CAROLINA

MAJOR SITE DEVELOPMENT PLAN

MAY 2016

FOR:

ARBOR LANDING AT HAMPSTEAD, LLC
853 OLD WINSTON ROAD, SUITE 118
KERNERSVILLE, NC 27284

DEVELOPER:
ARBOR LANDING AT HAMPSTEAD, LLC.
853 OLD WINSTON RD, SUITE 118
KERNERSVILLE, NC 27284
ATTN: KENNY COOPER

ENGINEER (CIVIL):
PARAMOUNTE ENGINEERING, INC.
6911 OLEANDER DRIVE, SUITE 201
WILMINGTON, NORTH CAROLINA 28403
ATTN: TIMOTHY G. CLINGDALES, P.E. (910) 791-6707

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NOTICE REQUIRED
ALL EXISTING UNDERGROUND UTILITIES SHALL BE PHYSICALLY LOCATED PRIOR TO THE BEGINNING OF ANY CONSTRUCTION IN THE VICINITY OF SAID UTILITIES.

CONTRACTORS SHALL NOTIFY OPERATORS WHO MAINTAIN UNDERGROUND UTILITY LINES IN THE AREA OF PROPOSED EXCAVATION AT LEAST TWO WORKING DAYS, BUT NOT MORE THAN TEN WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION.

CONTACT "CAROLINA ONE CALL" AT
1-800-832-4949

CONTACT THESE UTILITIES

UTILITY CONTACTS

WATER
OPERATING AUTHORITY:
ADDRESS:
PHONE #:

PENDER COUNTY UTILITIES
608 E. FREMONT STREET
BURGAW, NC 28425
(910) 258-1670

SANITARY SEWER
OPERATING AUTHORITY:
ADDRESS:
PHONE #:

PLURUB
1085 NC HWY. 210
SNEADS FERRY, NC 28480
(910) 328-6277

POWER
OPERATING AUTHORITY:
PHONE #:

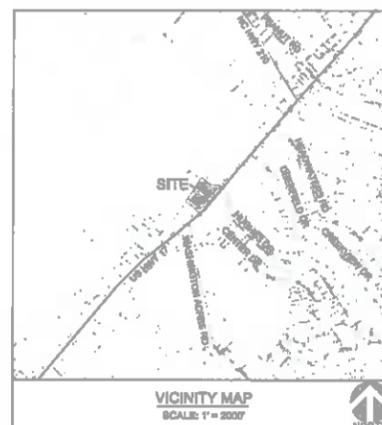
DUKE PROGRESS
886-682-6345

ROAD INFORMATION

AUTHORITY: NCDOT DIVISION 3 DISTRICT ENGINEER
ADDRESS: 300 DIVISION ROAD
WILMINGTON, NC 28401
PHONE #: (910) 251-2655

ZONING INFORMATION

AUTHORITY: PENDER COUNTY
ADDRESS: 308 S. WALKER ST.
BURGAW, NC 28425
PHONE #: (910) 258-1200



RECEIVED

MAY 24 2016

PENDER PLANNING DEPT.

PREPARED BY:

PARAMOUNTE
ENGINEERING, INC.

5911 Oleander Drive, Suite 201
Wilmington, North Carolina 28403
(910) 791-6707 (C) (910) 791-6760 (F)
NC License #: C-2846
PROJECT # 154131P

PRELIMINARY DESIGN - NOT RELEASED FOR CONSTRUCTION

COORDINATION NOTES

- THE CONTRACTOR IS REQUIRED TO OBTAIN ANY ALL NECESSARY PERMITS REQUIRED FOR CONSTRUCTION OF THESE PLANS.
- ALL WORK IS TO BE IN ACCORDANCE WITH FENDER COUNTY CONFORMANCE PLANS (SANITARY SEWER) AND THE STATE OF NORTH CAROLINA.
- THE CONTRACTOR IS TO ESTABLISH AND CHECK ALL HORIZONTAL AND VERTICAL CONTROLS TO BE USED WITH THE PROJECT. IN ADDITION, THE CONTRACTOR IS TO COMPUTE THE LAYOUT OF THE ENTIRE SITE PLAN IN ADVANCE OF BEGINNING ANY WORK ASSOCIATED WITH THE SUBJECT PLANS. CONTRACTOR SHALL EMPLOY A PROFESSIONAL SURVEYOR TO PERFORM SITE IMPROVEMENT SURVEYING.
- ANYTIME WORK IS PERFORMED OFFSITE OR WITHIN AN EXISTING BASEMENT, THE CONTRACTOR IS TO NOTIFY THE HOLDER OF SAID BASEMENT AS TO THE NATURE OF PROPOSED WORK, AND TO FOLLOW ANY GUIDELINES OR STANDARDS WHICH ARE ASSOCIATED WITH OR REFERENCED IN THE RECORDED BASEMENT.

GENERAL NOTES

- EXISTING CONDITIONS WERE TAKEN FROM A SURVEY COMPLETED BY PARAMOUNT ENGINEERING, INC. THE SURVEY SHALL BE FIELD VERIFIED BY CONTRACTOR AND ANY DISCREPANCIES REPORTED TO THE OWNER, OWNER'S REPRESENTATIVE, AND/OR ENGINEER IMMEDIATELY.
- REASONABLE CARE HAS BEEN EXERCISED IN SHOWING THE LOCATION OF EXISTING UTILITIES ON THE PLANS. THE EXACT LOCATION OF ALL EXISTING UTILITIES IS NOT KNOWN IN ALL CASES. THE CONTRACTOR SHALL EXPLORE THE AREA AHEAD OF DITCHING OPERATIONS BY OBSERVATION, ELECTRIC DEVICE, HAND DIGGING, AND BY PERSONAL CONTACT WITH THE UTILITY COMPANIES. IN ORDER TO LOCATE EXISTING UTILITIES IN ADVANCE OF DITCHING OPERATIONS SO AS TO ELIMINATE OR MINIMIZE DAMAGE TO EXISTING UTILITIES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS RESULTING FROM ANY DAMAGE TO THE EXISTING UTILITY LINES INCLUDING LOSS OF UTILITY REVENUES. CONTRACTOR SHALL ARRANGE FOR TEMPORARY SUPPORT OF EXISTING UTILITIES, SUCH AS POLYMER CONCRETE, FIBER OPTIC CABLES, TELEPHONE CABLES, WATER LINES, ETC..
- CONTRACTOR SHALL COMPLY WITH THE LATEST REVISIONS AND INTERPRETATIONS OF THE DEPARTMENT OF LABOR SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION PROMULGATED UNDER THE OCCUPATIONAL SAFETY AND HEALTH ACT.
- CONTRACTOR SHALL PLAN AND CONSTRUCT WORK SO AS TO CAUSE MINIMAL INCONVENIENCE TO THE OWNER AND THE PUBLIC. THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN AT ALL TIMES DURING THE PROGRESS OF TEMPORARY SUBSTITUTION OF WORK, STABLE BARBERS, FENCES, SIGNS OR OTHER ADEQUATE PROTECTION, INCLUDING FLASHING AND WATCHMEN AS NECESSARY TO INSURE THE SAFETY OF THE PUBLIC AS WELL AS THOSE ENGAGED IN THE CONSTRUCTION WORK. CONSTRUCTION SIGNS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF "CONSTRUCTION AND MAINTENANCE OPERATIONS SUPPLEMENT TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" BY THE DOT.
- ALL MATERIALS CLEARED OR DEMOLISHED BY THE CONTRACTOR IN ORDER TO CONSTRUCT THE WORK SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE PROPERLY DISPOSED OF OFFSITE.
- ALL WORK BY THE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR AFTER THE OWNER ACCEPTS THE WORK.
- CONTRACTOR SHALL CALL THE NORTH CAROLINA ONE-CALL CENTER AT (800) 452-4949 AND ALLOW THE CENTER TO LOCATE EXISTING UTILITIES BEFORE DITCHING.

EXISTING UTILITY NOTES

- 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.

SITE NOTES:

- 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, BASEMENTS AND DIMENSIONS SHOWN HEREON BEFORE BEGINNING CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL CONTACT ALL OWNERS OF BASEMENTS, UTILITIES AND R.O.W.'S PUBLIC OR PRIVATE, PRIOR TO WORKING IN THESE AREAS.
- CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.
- ACCESS TO UTILITIES, FIRE HYDRANTS, STREET LIGHTS, ETC., SHALL REMAIN UNDISTURBED, UNLESS COORDINATED WITH THE RESPECTIVE UTILITY.
- DO NOT SCALE THE DRAWING AS IT IS A REPRODUCTION AND SUBJECT TO DISTORTION.
- THE GENERAL CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT AND AT LEAST ONCE A WEEK DURING CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL KEEP THE AREA OUTSIDE THE "CONSTRUCTION LIMITS" BROOM CLEAN AT ALL TIMES.
- ALL STREET SURFACES, DRIVEWAYS, CURBS 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.
- CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON PLANS AND WHERE SHOWN ARE ONLY APPROXIMATE. THE CONTRACTOR SHALL ON HIS INITIATIVE AND AT NO EXTRA COST HAVE LOCATED ALL UNDERGROUND LINES AND STRUCTURES AS NECESSARY. NO CLAIMS FOR DAMAGES OR EXTRA COMPENSATION TO THE CONTRACTOR FROM THE PRESENCE OF SUCH PIPE OTHER OBSTRUCTIONS OR FROM DELAY DUE TO REMOVAL OR REARRANGEMENT OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND STRUCTURES. CONTACT NORTH CALL TOLL FREE 1-800-452-4949 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL NEIGHBORHOOD UTILITIES.
- ALL PERMITS RELATIVE TO PROJECT MUST BE OBTAINED, PRIOR TO CONSTRUCTION.
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL CODES.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL INSPECTIONS, CERTIFICATIONS, EQUIPMENT, ETC., THAT MAY BE REQUIRED.
- THE ENGINEER AND/OR OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND METHODS ASSOCIATED WITH THE PROJECT AS SET FORTH IN THESE PLANS.

EROSION CONTROL AND SEQUENCE OF CONSTRUCTION NOTES:

NOTE: THESE EROSION CONTROL AND SEQUENCE OF CONSTRUCTION NOTES ARE INTENDED FOR EACH "PHASE" OF CONSTRUCTION. THE ORDER AND STEPS TAKEN MUST BE AS IMPLEMENTED AS EACH PART OF THE PROJECT IS DEVELOPED, WHETHER AS A WHOLE OR IN PHASES. ANY EROSION CONTROL DEVICES/MEASURES MUST REMAIN IN PLACE UNTIL THE ENTIRE BASIN (DESIGNED TO HANDLE SEDIMENTATION AND EROSION IS STABILIZED AND ALL IMPROVEMENTS WITHIN THE BASIN ARE COMPLETE).

- PRIOR TO ANY GRADING ACTIVITY, CONTRACTOR SHALL CONSTRUCT TEMPORARY GRAVEL CONSTRUCTION ENTRANCES(ES), ESTABLISH THE LIMITS OF DISTURBANCE, AND TEMPORARY SILT FENCE.
- CLEAR AND REMOVE FROM SITE ALL TREES (ONLY THOSE TO BE REMOVED), ROOTS, ROOT MAT, ETC. FROM THE AREA WITHIN THE DESIGNATED CLEARING LIMITS.
- INITIAL REMAINING EROSION CONTROL MEASURES AS SHOWN ON THE PLANS WITHIN THE AREA OF DISTURBANCE CONTROL MEASURES MUST BE INSTALLED BEFORE COMMENCING CONSTRUCTION.
- WITHIN 30 DAYS FROM COMMENCEMENT OF CONSTRUCTION, CONTRACTOR SHALL INSTALL STORM DRAINAGE COLLECTION SYSTEM AND IMMEDIATELY UPON THE INSTALLATION OF ANY STORM DRAINAGE DITCH BASIN, DROP INLET, ETC., THE CONTRACTOR SHALL INSTALL INLET PROTECTION TO STOP ANY SEDIMENT FROM ENTERING THE DRAINAGE SYSTEM.
- IMMEDIATELY UPON THE INSTALLATION OF ANY STORM DRAINAGE SYSTEM, THE CONTRACTOR SHALL INSTALL INLET/OUTLET PROTECTION AS SHOWN ON THE PLANS AND DETAILS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND REPAIRING TO PRE-CONSTRUCTION CONDITIONS ANY AREAS OUTSIDE THE PROJECT LIMITS THAT MAY INADVERTENTLY BE DAMAGED DUE TO THE FAILURE OF THE EROSION CONTROL MEASURES.
- PLANT GRASS OVER ALL GRADED AREAS WITHIN 14 WORKING DAYS FOR FLAT AREAS AND 7 CALENDAR DAYS FOR ALL SLOPES OF CEASE OF ANY GRADING ACTIVITY.
- DURING GRADING AND AFTER GRADING HAS BEEN COMPLETED, THE CONTRACTOR SHALL CONTINUE TO MAINTAIN PERMANENT AND TEMPORARY EROSION CONTROL MEASURES UNTIL FINAL INSPECTION AND APPROVAL BY NOC/BE.
- UPON RECEIVING FINAL INSPECTION AND APPROVAL BY NOC/BE, THE CONTRACTOR CAN REMOVE TEMPORARY EROSION CONTROL MEASURES.
- THE CONTRACTOR SHALL CONTINUE TO WATER, FERTILIZE, MOW AND MAINTAIN SPRESSED, SOGGED, AND PLANTED AREAS UNTIL ALL CONSTRUCTION IS COMPLETE.

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

- THE EROSION CONTROL PLAN SHALL INCLUDE PROVISIONS FOR GROUNDCOVER ON ALL EXPOSED FERTILIZER ZONES, SWALES, DITCHES, HOUSING SITES, ALL SLOPES STEEPER THAN 2:1, AND ALL DISTURBED AREAS WITHIN THE ROW LINE WITHIN 7 CALENDAR DAYS FROM THE LAST LAND DISTURBING ACTIVITY. GROUND COVER SHALL BE PROVIDED ON ALL OTHER DISTURBED AREAS WITHIN 14 CALENDAR DAYS FROM THE LAST LAND DISTURBING ACTIVITY.
- UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE NORTH CAROLINA EROSION AND SEDIMENT CONTROL HANDBOOK, (9th EDITION, 2008).
- THE CONTRACTOR SHALL NOTIFY PLAN APPROVING AUTHORITY ONE WEEK PRIOR TO THE PRECONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO FINAL INSPECTION.
- ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO CLEARING AND/OR LAND DISTURBANCE. THE TEMPORARY CONSTRUCTION ENTRANCE SHOULD BE THE FIRST MEASURE INSTALLED.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN AND PERMIT SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO OFF-SITE SODDING OR WASTE AREAS, STORAGE OR STORAGE AREAS), THE CONTRACTOR SHALL PREPARE AND SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND TO NEW HANOVER COUNTY FOR APPROVAL. CONTRACTOR SHALL PAY ALL FEES REQUIRED AND SHALL INSTALL NECESSARY MEASURES AT NO SEPARATE PAYMENT. THE CONTRACTOR SHALL PROVIDE THE OWNER AND THE ENGINEER A COPY OF THE APPROVED PERMIT.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY EITHER THE REVIEWING AGENCY OR THE ENGINEER. (NO SEPARATE PAYMENT).
- ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.
- ALL AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE IMPROVED SHALL BE SOGGED OR REEDED AS INDICATED AND STABILIZED.
- DURING OPERATING OPERATIONS, WATER SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE PRIOR TO DISCHARGE TO RECEIVING OUTLET.
- THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RAINFALL-PRODUCING EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.
- ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED BY CONTRACTOR ONCE STABILIZATION OR A SUFFICIENT GROUND COVER HAS BEEN ESTABLISHED OR AS DIRECTED BY THE ENGINEER. (NO SEPARATE PAYMENT, NOC/BE FINAL APPROVAL IS REQUIRED).
- TEMPORARY GRAVEL CONSTRUCTION ENTRANCE SHALL BE REQUIRED AT ALL CONSTRUCTION STAGES AREA ENTRANCES AND ALL CONSTRUCTION ACCESS LOCATIONS INTO NON-PAVED AREAS. (NO SEPARATE PAYMENT).
- WHEN CROSSING CREEK OR DRAINAGEWAY, THE DESIGN OF WATER QUALITY SHALL BE CONTACTED PRIOR TO DISTURBING A CREEK. THE CONTRACTOR SHALL INSTALL RIP-RAP WITH FABRIC ALONG DISTURBED BANKS AND CHANNELS, AND RESTORE SLOPES TO ORIGINAL CONTOURS, BUT NOT STEEPER THAN 2:1 MAXIMUM. DISTURBED CREEK AREA SHALL BE STABILIZED IMMEDIATELY.

PERMANENT SEEDING SCHEDULE - MIXTURE 5CP

Seeding Mixture	RATE (LBS/ACRE)
SPICES	10-20
CENTIFIDE GRASS	

Soil Amendments

APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 300 LBS/ACRE 10-10-10 FERTILIZER.

Mulch

DO NOT MULCH.

Maintenance

SPRINKLE VERY SPARINGLY-30 LBS/ACRE NITROGEN IN SPRING WITH NO PHOSPHORUS. CENTIFIDE GRASS CANNOT TOLERATE HIGH PH OR EXCESS FERTILIZER.

TEMPORARY SEEDING-LATE WINTER/EARLY SPRING

Seeding Mixture	RATE (LBS/ACRE)
SPICES	100
RYE (GRASS)	
ANNUAL LEGUMES (ROBIN IN PIEDMONT AND COASTAL PLAIN, KOREAN IN MOUNTAINS)	50

WINTER AND EARLY SPRING

Seeding Mixture	RATE (LBS/ACRE)
SPICES	40
GERMAN MILLET	

FALL

SUMMER

Seeding Mixture	RATE (LBS/ACRE)
SPICES	100
RYE (GRASS)	

Seeding dates

COASTAL PLAIN - DEC.1-APRIL 15 - LATE WINTER AND EARLY SPRING
APRIL 16 - AUG. 15 - SUMMER
AUG. 16 - DEC. 30 - FALL

Soil amendments

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

Maintenance

REPURTURE IF GROWTH IS NOT FULLY ADEQUATE. FERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

MAINTENANCE PLAN

- ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RAINFALL-PRODUCING RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK, ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
- ALL CONSTRUCTION ENTRANCES WILL BE PERIODICALLY TOP DRESSED WITH AN ADDITIONAL 2 INCHES OF 3/4 STONE TO MAINTAIN PROPER DEPTH. ANY SEDIMENT THAT IS TRACKED INTO THE STREET WILL BE IMMEDIATELY REMOVED.
- SEDIMENT FENCE - SEDIMENT WILL BE REMOVED BEHIND THE SEDIMENT FENCE WHEN IT BECOMES 6 INCHES DEEP AT THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARBER. SILT FENCE STAKES WILL BE SPACED 8 FEET APART UNLESS A WIRE BACKING IS USED WITH A FOOT STAKE SPACING.
- ALL EXPOSED AREAS WILL BE FERTILIZED, RESEEDING AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
- INLET PROTECTION - INSPECT ROCK PIPE INLET PROTECTION AT LEAST ONCE A WEEK AND AFTER EACH SIGNIFICANT (6 INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY. REMOVE SEDIMENT AND RESTORE THE SEDIMENT STORAGE AREA TO ITS ORIGINAL DIMENSIONS WITHIN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP. PLACE THE SEDIMENT THAT IS REMOVED IN THE DESIGNATED DISPOSAL AREA AND REPLACE THE CONTAMINATED PART OF THE GRAVEL FACIES.
- SEDIMENT TRAP / BARBER - REMOVE SEDIMENT AND RESTORE THE BASIN TO ITS ORIGINAL DIMENSIONS WHEN IT ACCUMULATED TO WITHIN ONE-HALF OF THE DESIGN DEPTH. THE ROCK WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS OR WHEN THE ROCK IS DISLOADED. BARBERS WILL BE REPAIRED OR REPLACED PROMPTLY IF THEY COLLAPSE, TEAR, DISAPPEAR OR BECOME INEFFECTIVE. SEDIMENT WILL BE REMOVED FROM BARBERS WHEN DEPOSITS REACH HALF THE HEIGHT OF THE 1ST BARBER. FLOATING BARBERS WILL BE INSPECTED WEEKLY AND WILL BE REPT CLEAN. PLACE SEDIMENT IN AN AREA WITH SEDIMENT CONTROL. CHECK THE SUBSTRUMENT, SPILLWAYS, AND OUTLET FOR EROSION DAMAGE, PUFFS, AND SETTLEMENT. MAKE ALL NECESSARY REPAIRS IMMEDIATELY. REMOVE ALL TRASH AND OTHER DEBRIS FROM THE REER AND POOL AREA.
- OUTLET PROTECTION - INSPECT RIP RAP OUTLET STRUCTURES WEEKLY AND AFTER SIGNIFICANT (6 INCH OR GREATER) RAINFALL EVENTS TO SEE IF ANY EROSION AROUND OR BELOW THE RIP RAP HAS TAKEN PLACE, OR IF STONES HAVE BEEN DISLOADED. IMMEDIATELY MAKE ALL NEEDED REPAIRS TO PREVENT FURTHER DAMAGE.
- EMERGENCY SPILLWAY / NORMAL PROTECTION - AFTER EVERY HIGH-WATER EVENT INSPECT THE INTEGRITY OF THE LINED SPILLWAY AND THE ADJACENT EARTHEN BANKS. IMMEDIATELY MAKE ALL NEEDED REPAIRS TO PREVENT FURTHER DAMAGE. REPAIR ANY GAPS IN THE RIP RAP LINED AREAS. RE-ESTABLISH ANY LOOSE STONES, AND FIX GAPS IN THE ADJACENT VEGETATIVE COVER.
- ENGINEER - INSPECT ENGINEER AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL TO MAKE SURE THAT THE INTAKE MECHANISM, CONDUIT, OR DISCHARGE PIPE IS NOT CLOGGED WITH TRASH OR SEDIMENT. IF THE BASIN IS DRY, MAKE SURE THAT ANY VEGETATION GROWING ON THE BOTTOM IS NOT HOLDING THE STRUCTURE DOWN. TAKE SPECIAL PRECAUTION IN WINTER TO PREVENT THE STRUCTURE FROM FLOATING WITH ICE.

NC ACCESSIBILITY NOTES:

- GENERAL NOTES:
1. SPECIAL NOTICE SHALL BE GIVEN TO COMPLIANCE WITH AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NORTH CAROLINA BUILDING CODES(A117.1), AND APPLICABLE LOCAL LAWS & REGULATIONS.
2. IT IS ESSENTIAL THAT CONTRACTORS ARE AWARE OF THE REQUIREMENTS AT THE POINT IN TIME WHEN THEY ARE BIDDING THE PROJECT. IN ADDITION, P&E HAS MADE A POINT IN THESE NOTES AND DETAILS, AS WELL AS IN OUR DRAWINGS, TO PROVIDE SLOPES / GRADES AND DIMENSIONS THAT COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NORTH CAROLINA BUILDING CODES(A117.1) AND APPLICABLE LOCAL LAWS & REGULATIONS. IF THESE SLOPES / GRADES AND DIMENSIONS ARE NOT ACHIEVABLE, THE CONTRACTOR IS REQUIRED TO CONTACT THE OWNER IMMEDIATELY AND BEFORE MOVING FORWARD WITH THE WORK.
3. THE CONTRACTOR SHALL NOTIFY P&E IMMEDIATELY OF ANY CONFLICT BETWEEN THESE NOTES AND DETAILS AND OTHER PROJECT DRAWINGS, WHETHER BY P&E OR OTHERS. THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK FOR WHICH THE ALLEGED CONFLICT HAS BEEN DISCOVERED UNTIL SUCH ALLEGED CONFLICT HAS BEEN RESOLVED. NO CLAIM SHALL BE MADE BY THE CONTRACTOR FOR DELAY OR DAMAGES AS A RESULT OF RESOLUTION OF ANY SUCH CONFLICTS.
4. THESE ACCESSIBILITY NOTES AND DETAILS ARE INTENDED TO DEPOT SLOPE AND DIMENSIONAL REQUIREMENTS ONLY. REFER TO ADDITIONAL CURBS, AND PAVEMENT DETAILS FOR ADDITIONAL INFORMATION.

ACCESSIBLE ROUTE NOTES:

- AT LEAST ONE ACCESSIBLE ROUTE SHALL BE PROVIDED WITHIN THE SITE FROM ACCESSIBLE PARKING SPACES AND ACCESSIBLE PASSENGER LOADING ZONES(PUBLIC ENTRANCE) TO THE ACCESSIBLE ROUTE AT THE STATION BYPASS TO THE ACCESSIBLE BUILDING OR FACILITY ENTRANCE THEY SERVE.
- AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES THAT ARE ON THE SAME SITE.
- WALKING SURFACES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL HAVE A MAXIMUM ALLOWING SLOPE OF 2.0% AND A MAXIMUM CROSS SLOPE OF 2.0%.
- ANY WALKING SURFACE THAT IS PART OF AN ACCESSIBLE ROUTE WITH A RUNNING SLOPE GREATER THAN 2.0% IS A RAMP AND SHALL COMPLY WITH THE GUIDELINES FOR RAMP OR CURB RAMP.
- TRANSITIONS BETWEEN RAMPS, WALKS, LANDINGS, GUTTERS OR STREETS SHALL BE A SMOOTH TRANSITION. CHANGES IN SURFACE VERTICAL CHANGES IN LEVEL PERMITTED).
- FLOOR SURFACES SHALL BE STABLE, FIRM AND SLIP RESISTANT.
- THE MINIMUM CLEAR WIDTH OF EXTERIOR ACCESSIBLE ROUTES SHALL BE FORTY-EIGHT (48) INCHES MINIMUM MEASURED BETWEEN HANDRAILS WHERE HANDRAILS ARE PROVIDED (NO BUILDING CODE 1104.1 & 1104.2).
- WHERE AN ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN OBJECT THAT IS LESS THAN FORTY-EIGHT (48) INCHES IN WIDTH, CLEAR WIDTH SHALL BE FORTY-TWO (42) INCHES MINIMUM APPROXIMATELY TO THE TURN, FORTY-SIX (46) INCHES MINIMUM LEAVING THE TURN, AND FORTY-TWO (42) INCHES MINIMUM LEAVING THE TURN. THE CLEAR WIDTH APPROXIMATELY AND LEAVING THE TURN MAY BE THIRTY-SIX (36) INCHES MINIMUM WHEN THE CLEAR WIDTH AT THE TURN IS SIXTY (60) INCHES MINIMUM. / SEE NOTE 7 ABOVE FOR NO CLEAR WIDTH OF EXTERIOR ACCESSIBLE ROUTES.
- AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN SIXTY (60) INCHES SHALL PROVIDE PASSING SPACES AT INTERVALS OF TWO HUNDRED (200) FEET MINIMUM. PASSING SPACES SHALL BE EITHER A SIXTY (60) INCH MINIMUM BY SIXTY (60) INCH MINIMUM CLEAR OR AN INTERSECTION OF TWO (2) WALKING SURFACES THAT PROVIDE A COMPLIANT T-SHAPED TURNING SPACE, PROVIDING THE BARE AND ARMS OF THE T-SHAPED SPACE EXTEND FORTY-EIGHT (48) INCHES MINIMUM BEYOND THE INTERSECTION.
- DOORS, DOORWAYS AND GATES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NORTH CAROLINA BUILDING CODES(A117.1), AND APPLICABLE LOCAL LAWS & REGULATIONS.
- DIRECTIONAL SIGNAGE INDICATING THE ROUTE TO THE NEAREST ACCESSIBLE BUILDING ENTRANCE SHALL BE PROVIDED AT (ACCESSIBLE) BUILDING ENTRANCES.
- WHERE POSSIBLE, DRAINAGE INLETS SHALL NOT BE LOCATED ON AN ACCESSIBLE ROUTE. IN THE EVENT THAT A DRAINAGE INLET MUST BE LOCATED ON AN ACCESSIBLE ROUTE, THE GRATE SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), A117.1, THE NC BUILDING CODE, AND APPLICABLE LOCAL LAWS & REGULATIONS.

RAMP NOTES:

- ANY PART OF AN ACCESSIBLE ROUTE WITH A RUNNING SLOPE GREATER THAN 2% SHALL BE CONSIDERED A RAMP.
- THE MAXIMUM CROSS SLOPE FOR A RAMP SHALL BE 2.0% AND THE MAXIMUM CROSS SLOPE SHALL BE 2.0%.
- THE CLEAR WIDTH OF AN EXTERIOR RAMP RUN SHALL BE FORTY EIGHT INCHES (NO BUILDING CODE 1104.1). WHERE HANDRAILS ARE PROVIDED ON THE RAMP RUN, THE CLEAR WIDTH SHALL BE MEASURED BETWEEN THE HANDRAILS.
- THE RISE FOR ANY RAMP RUN SHALL BE THIRTY (30) INCHES MAXIMUM.
- LANDINGS SHALL BE PROVIDED AT THE TOP AND BOTTOM OF RAMPS. LANDINGS SHALL HAVE A SLOPE NOT STEEPER THAN 2.0% IN ANY DIRECTION. THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE WIDEST RAMP LEADING TO THE LANDING. THE LANDING CLEAR LENGTH SHALL BE SIXTY (60) INCHES MINIMUM. RAMPS THAT CHANGE DIRECTION BETWEEN RUNS AT LANDINGS SHALL HAVE A CLEAR LANDING OF SIXTY (60) INCHES BY SIXTY (60) INCHES MINIMUM.
- RAMP RUNS WITH A RISE GREATER THAN SIX (6) INCHES SHALL HAVE HANDRAILS ON BOTH SIDES COMPLYING WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NC BUILDING CODES(A117.1), AND APPLICABLE LOCAL LAWS & REGULATIONS.
- FLOOR SURFACES OF RAMPS AND LANDINGS SHALL BE STABLE, FIRM AND SLIP RESISTANT.
- EDGE PROTECTION COMPLYING WITH AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NC BUILDING CODES(A117.1), AND APPLICABLE LOCAL LAWS & REGULATIONS SHALL BE PROVIDED ON EACH SIDE OF RAMP RUNS AND ON EACH SIDE OF RAMP LANDINGS.
- WHERE DOORWAYS ARE LOCATED ADJACENT TO A RAMP LANDING, HANDRAILS CHANGES REQUIRED BY THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS), THE NC BUILDING CODES(A117.1), SHALL BE PERMITTED TO OVERLAP THE REQUIRED LANDING AREA, WHERE DOORS THAT ARE SUBJECT TO CLOSING ARE ADJACENT TO A RAMP LANDING, LANDINGS SHALL BE DESIGNED TO PROVIDE A COMPLIANT TURNING SPACE.

NC ACCESSIBILITY NOTES (CONT.):

- CURB RAMP NOTES:**
1. THE MAXIMUM RUNNING SLOPE OF A CURB RAMP SHALL BE 2.0% AND THE MAXIMUM CROSS SLOPE SHALL BE 2.0%.
- COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE CURB RAMP SHALL NOT BE STEEPER THAN 2%. THE ADJACENT SURFACES AT TRANSITIONS TO CURB RAMPS TO WALKS, GUTTERS AND STREETS SHALL BE AT THE SAME LEVEL.
- THE CLEAR WIDTH OF A CURB RAMP SHALL BE 36 INCHES (36) MINIMUM, EXCLUSIVE OF FLARED SIDES. IF PROVIDED, "NOTE NO BUILDING CODE REQUIRES EXTERIOR ACCESSIBLE ROUTES TO BE 48 INCHES MINIMUM WIDE (1104.1 & 1104.2)".
- LANDINGS SHALL BE PROVIDED AT THE TOP OF CURB RAMPS. THE CLEAR LENGTH OF THE LANDING SHALL BE THIRTY-SIX (36) INCHES MINIMUM. THE CLEAR WIDTH OF THE LANDING SHALL BE AT LEAST AS WIDE AS THE CURB RAMP, EXCLUSIVE OF FLARED SIDES. LEADING TO THE LANDING, LANDINGS SHALL HAVE A SLOPE NOT STEEPER THAN 2% IN ANY DIRECTION.
- IF A CURB RAMP IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP, OR WHERE IT IS NOT PROTECTED BY HANDRAILS OR GUARDRAILS, IT SHALL HAVE FLARED SIDES.
- WHERE PROVIDED, CURB RAMP FLARES SHALL NOT EXCEED 10%.
- CURB RAMPS AND THE FLARED SIDES OF CURB RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES, PARKING SPACES OR PASSING SPACES. CURBS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.
- CURB RAMPS SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED VEHICLES.
- IT IS RECOMMENDED TO PROVIDE CURB RAMPS WITH TWENTY-FOUR (24) INCH DEEP DETECTABLE WARNING COMPLIING WITH 408.10 A117.1, EXTENDING THE FULL WIDTH OF THE MARKED DETECTABLE WARNING DETAILS AND NOTES FOR PLACEMENT, QUANTITY AND NOTES. THE NC BUILDING CODE DOES NOT CURRENTLY REQUIRE DETECTABLE WARNING AT CURB RAMPS, NOR DO THE 2010 ADA STANDARDS - HOWEVER US DOT ADA REGULATIONS DO REQUIRE THESE.
- FLOOR SURFACES OF CURB RAMPS SHALL BE DEEP GROOVED, 1/4 INCH WIDE BY 1/4 INCH DEEP, ONE (1) INCH CENTERS TRANSVERSE TO THE RAMP.
- WHERE PROVIDED, STOP LINES SHALL BE LOCATED IN ADVANCE OF CURB RAMP.
- WHERE PROVIDED, PEDESTRIAN ACTIVATED SIGNALS SHALL BE LOCATED ADJACENT TO THE SIDEWALK AND NOT ON THE SIDEWALK.
- WHERE PROVIDED, DRAINAGE INLETS SHALL BE LOCATED UPSTREAM OF CURB RAMPS AND NOT IN THE RAMP AREA.
- CURB RAMP TYPE AND LOCATION ARE PER PLAN.

PARKING SPACE NOTES:

- ACCESSIBLE PARKING SPACES SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTES OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE BUILDING ENTRANCE.
- ACCESSIBLE PARKING SPACES SHALL BE AT LEAST NINETY-SIX (96) INCHES WIDE. ACCESSIBLE SPACES SHALL BE 96 INCHES WIDE. ONE OF SIX ACCESSIBLE SPACES SHOULD PROVIDE A MINIMUM ACCESSIBLE SPACE. THE ACCESSIBLE SPACE SHALL BE 96 INCHES WIDE OR ACCESSIBLE SPACE IS 11 FEET AND ACCESSIBLE SPACE IS 9 FEET. WHERE PARKING SPACES AND ACCESSIBLE SPACES ARE MARKED WITH LINES, THE WIDTH MEASUREMENTS SHALL BE MADE FROM CENTERLINE OF THE MARKING. WHERE PARKING SPACES OR ACCESSIBLE SPACES ARE NOT ADJACENT TO ANOTHER PARKING SPACE OR ACCESSIBLE SPACE, MEASUREMENTS SHALL BE PERMITTED TO INCLUDE THE FULL WIDTH OF THE LINE MARKING THE PARKING SPACE OR ACCESSIBLE SPACE.
- PARKING ACCESSIBLE SPACES SHALL BE PART OF AN ACCESSIBLE ROUTE TO THE BUILDING OR FACILITY ENTRANCE AND SHALL COMPLY WITH PROVISIONS FOR ACCESSIBLE ROUTES. MARKED CROSSINGS SHALL BE PROVIDED WHERE THE ACCESSIBLE ROUTE MUST CROSS VEHICULAR TRAFFIC LANES. WHERE POSSIBLE, IT IS PREFERRED THAT THE ACCESSIBLE ROUTE NOT PASS BEHIND PARKED VEHICLES.
- TWO (2) ACCESSIBLE PARKING SPACES MAY SHARE A COMMON ACCESSIBLE ROUTE.
- ACCESSIBLE SPACES SHALL EXTEND THE FULL LENGTH OF THE PARKING SPACE THEY SERVE.
- ACCESSIBLE SPACES SHALL BE MARKED SO AS TO DISCOURAGE PARKING IN THEM.
- ACCESSIBLE SPACES SHALL NOT OVERLAP THE VEHICULAR WAY. ACCESSIBLE SPACES SHALL BE PERMITTED TO BE PLACED ON EITHER SIDE OF THE PARKING SPACE EXCEPT FOR ANGLED VAN PARKING SPACES WHICH SHALL HAVE ACCESSIBLE SPACES LOCATED ON THE PARKING SIDE OF THE PARKING SPACE.
- FLOOR SURFACES OF PARKING SPACES AND ACCESSIBLE SPACES SERVING THEM SHALL BE STABLE, FIRM AND SLIP RESISTANT. ACCESSIBLE SPACES SHALL BE AT THE SAME LEVEL AS THE PARKING SPACES THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED.
- PARKING SPACES AND ACCESSIBLE SPACES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 2.0% IN ALL DIRECTIONS.
- PARKED VEHICLE OVERHANGS SHALL NOT REDUCE THE REQUIRED CLEAR WIDTH OF AN ACCESSIBLE ROUTE.
- PARKING SPACES FOR VANS AND ACCESSIBLE AND VEHICULAR ROUTE SERVING THEM SHALL PROVIDE A VERTICAL CLEARANCE OF NINETY-EIGHT (98) INCHES MINIMUM. SIGNAGE SHALL BE PROVIDED AT ENTRANCES TO PARKING FACILITIES INFORMING DRIVERS OF CLEARANCES AND THE LOCATION OF VAN ACCESSIBLE PARKING SPACES.
- EACH ACCESSIBLE PARKING SPACE SHALL BE PROVIDED WITH SIGNAGE DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. SIGNAGE SHALL BE INSTALLED AT A MINIMUM OF 48 INCHES ABOVE CURB AND SHALL NOT INTERFERE WITH AN ACCESSIBLE ROUTE FROM AN ACCESSIBLE SPACE. SIGNAGE LOCATED WHERE THEY MAY BE HIT BY VEHICLES BEING PARKED SHALL BE INSTALLED WITH BOLLARD PROTECTION.
- BARBER AT ACCESSIBLE PARKING SPACES REQUIRED BY THE NC BUILDING CODE SECTION 1104.1 SHALL COMPLY WITH THE REQUIREMENTS OF NORTH CAROLINA GENERAL STATUTE 80-27A AND 198-30, AND THE HCDOT UNIFORM MANUAL ON TRAFFIC CONTROL DEVICES. A SEPARATE SIGN IS REQUIRED FOR EACH SPACE. SIGNS TO INDICATE THE MAXIMUM PENALTY MUST BE PROVIDED AT EACH ACCESSIBLE SPACE.
- ACCESSIBLE PARKING SPACE, ACCESSIBLE SPACES, AND INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE PAINTED BLUE OR ANOTHER COLOR THAT CAN BE DISTINGUISHED FROM PAVEMENT.

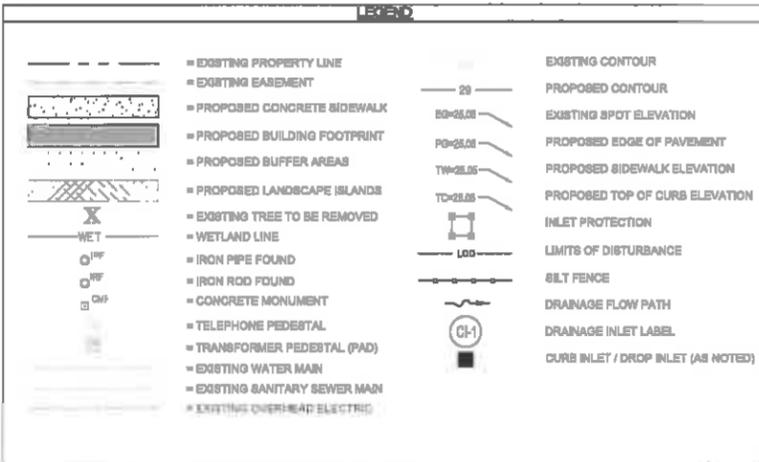
PASSENGER LOADING ZONE NOTES:

- PASSENGER LOADING ZONES SHALL PROVIDE VEHICULAR PULL-UP SPACE NINETY-SIX (96) INCHES WIDE MINIMUM AND TWENTY (20) FEET LONG MINIMUM.
- PASSENGER LOADING ZONES SHALL PROVIDE A CLEARLY MARKED ACCESSIBLE SPACE THAT IS SIXTY (60) INCHES WIDE MINIMUM AND EXTENDS THE FULL LENGTH OF THE VEHICLE PULL-UP SPACE THEY SERVE.
- ACCESSIBLE SPACES SHALL ADJOIN AN ACCESSIBLE ROUTE AND NOT OVERLAP THE VEHICULAR WAY.
- VEHICLE PULL-UP SPACES AND ACCESSIBLE SPACES SERVING THEM SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 2.0% IN ALL DIRECTIONS. ACCESSIBLE SPACES SHALL BE AT THE SAME LEVEL AS THE VEHICLE PULL-UP SPACE THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED.
- FLOOR SURFACES OF VEHICLE PULL-UP SPACES AND ACCESSIBLE SPACES SERVING THEM SHALL BE STABLE, FIRM AND SLIP RESISTANT.
- VEHICLE PULL-UP SPACES, ACCESSIBLE SPACES SERVING THEM AND A VEHICULAR ROUTE FROM AN ENTRANCE TO THE PASSENGER LOADING ZONE, AND FROM THE PASSENGER LOADING ZONE TO A VEHICULAR ROUTE SERVING THEM, SHALL PROVIDE A VERTICAL CLEARANCE OF ONE HUNDRED FORTY-SIX (146) INCHES MINIMUM.

ACCESSIBLE ENTRANCE NOTES:

- ACCESSIBLE ENTRANCES SHALL BE PROVIDED AS REQUIRED BY THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS) AND THE NORTH CAROLINA BUILDING CODE, AND APPLICABLE LOCAL LAWS & REGULATIONS.
- ENTRANCE DOORS, DOORWAYS AND GATES SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (2010 ADA STANDARDS) THE NC BUILDING CODES(A117.1), AND SHALL BE ON AN ACCESSIBLE ROUTE.

NPDES WATER QUALITY STABILIZATION TIME FRAMES		
SITE AREA DESCRIPTION	STABILIZATION	TIMEFRAME EXCEPTIONS
PERIMETER DITCHES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (P&W) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 2:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED
SLOPES 2:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 2:1 IN LENGTH
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETER DITCHES WITH 20% SLOPE



PRELIMINARY DESIGN - NOT RELEASED FOR CONSTRUCTION



CLIENT INFORMATION:
ARBOR LANDING AT HAMPSHIRE, LLC
853 OLD WINSTON ROAD, SUITE 118
KERNERSVILLE, NC 27284

PARAMOUNT ENGINEERING, INC.
5911 Oberlin Drive, Suite 204
Wilmington, North Carolina 28403
(910) 794-0707 (C) (910) 791-6760 (F)
NC License # C-2846

GENERAL NOTES
RIDGE CARE
NC HWY 17
PENDER COUNTY
NORTH CAROLINA

PROJECT STATUS
PRELIMINARY DESIGN
DATE: 10/1/2024
DRAWING INFORMATION
DATE: 10

APPROVED BY PENDER COUNTY UNIFIED DEVELOPMENT ADMINISTRATOR.
 SIGNATURE: _____
 DATE: _____
 SITE PLAN VALID FOR FIVE YEARS FROM APPROVAL DATE.



LEGEND:

	WETLAND DELINEATION
	BOUNDARY LINE
	PROPOSED SETBACK
	PROPOSED BUFFER/ASSESSMENTS
	PROPOSED POND OUTLINE
	WATER LINE
	FORCE MAIN LINE
	SANITARY SEWER LINE
	BUILDING HATCH
	CONCRETE PAVEMENT
	SIDEWALK
	ASPHALT PAVEMENT

SITE INFORMATION
 CURRENT LAND USE: VACANT LAND
 CURRENT ZONING: OB
 PIN: 3282-64-3881-0000, 3282-64-1288-0000
 PROPOSED USE: ASSISTED LIVING
 TOTAL SITE AREA: 7.03 ACRES

DIMENSION REQUIREMENTS
 FRONTYARD SETBACK: 25' MINIMUM
 SIDEYARD SETBACK: 10' MINIMUM
 REAR SETBACK: 10' MINIMUM
 MAXIMUM HEIGHT: 40'

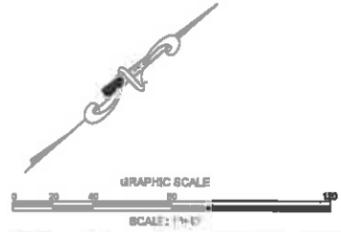
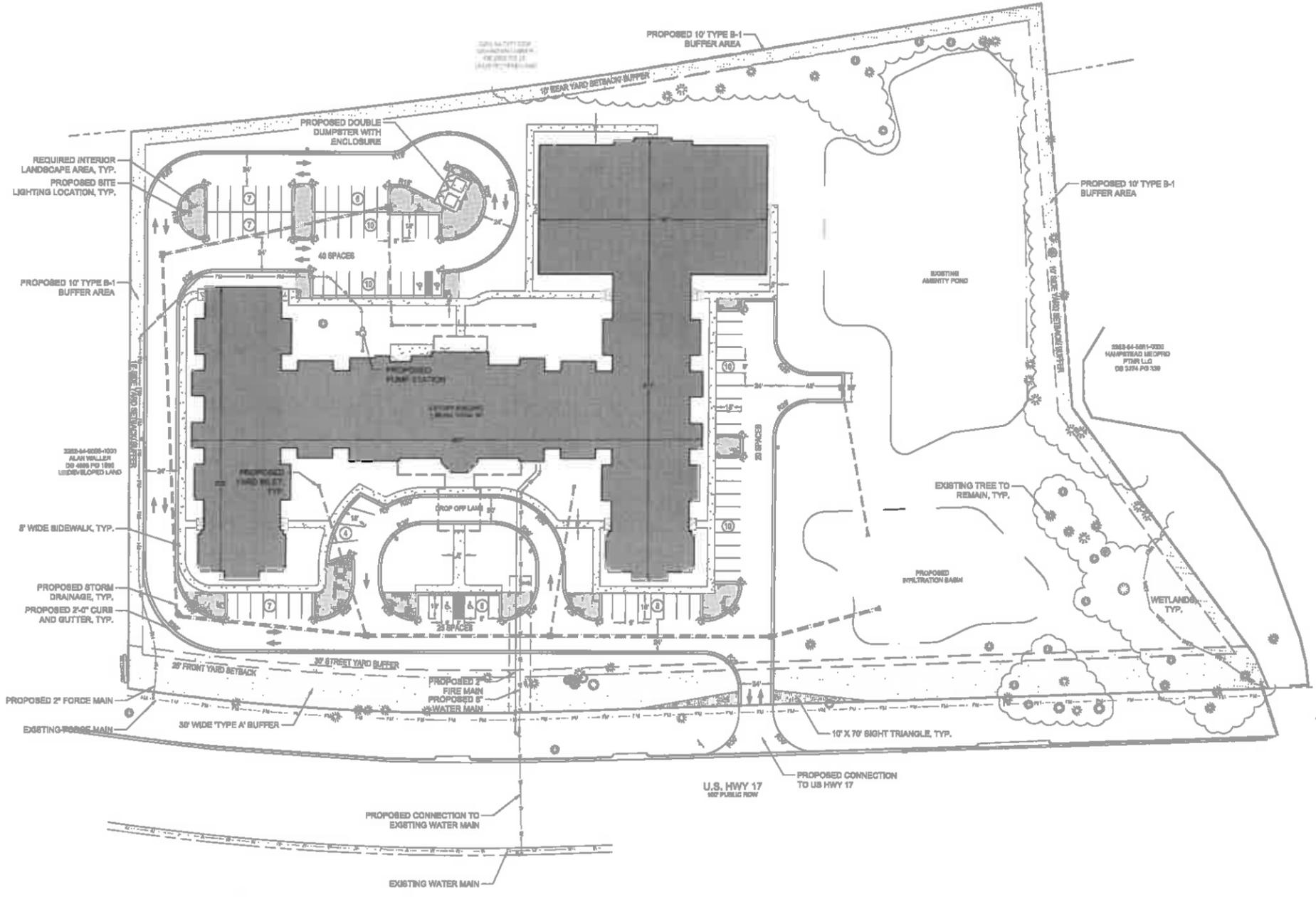
BUFFER/LANDSCAPE REQUIREMENTS
 1. ALL LANDSCAPE WILL COMPLY WITH ARTICLE 8 OF THE PENDER COUNTY UDO.
 2. REQUIRED BUFFER TYPES ARE AS FOLLOWS:
 TYPE A-4 BUFFER: 30' DEPTH; 1 CANOPY TREE, 3 UNDERSTORY TREES AND A GRASS COVER OR OTHER APPROVED VEGETATIVE GROUND COVER OF AT LEAST 88% OR 32 SHRUBS PER 100 LF
 TYPE B-1 BUFFER: 10' DEPTH; 3 CANOPY TREE, 4 UNDERSTORY TREES AND A GRASS COVER OF AT LEAST 88%

INTERIOR LANDSCAPING
 1. SINGLE ROW PARKING TERMINALS CANNOT EXTEND MORE THAN 10 SPACES OR 120 FEET, WHICHEVER IS MORE RESTRICTIVE.
 2. EACH ISLAND MUST INCLUDE A MINIMUM PERVIOUS AREA OF 300 SF WITH A MINIMUM WIDTH OF 12 FEET.
 3. EACH ISLAND SHALL CONTAIN AT LEAST ONE (1) CANOPY TREE.

PARKING REQUIREMENTS
 REQUIRED: 1 SPACE PER 1,500 SF FLOOR AREA + 1 SPACE PER EMPLOYEE/VOLUNTEER; TOTAL BLDG SF = ± 96,000 SF/1,500 SF = 64 SPACES + 20 EMPLOYEES (PEAK) = 84 PARKING SPACES
 PROVIDED: 88 PARKING SPACES
 ADA PARKING REQUIRED: 4 SPACES
 ADA PARKING PROVIDED: 3 STANDARD & 1 VAN SPACE

SIGN REQUIREMENTS
 1. FREESTANDING SIGN: 1 PERMANENT FREESTANDING SIGN OF 32 SF IS ALLOWED FOR THE FIRST 100 LF OF ROAD FRONTAGE. FOR ROAD FRONTAGES ABOVE 100 LF, THE AREA OF THE SIGN MAY BE INCREASED BY 3.2 SF PER 10 LF OF FRONTAGE.
 ROAD FRONTAGE = 804 LF
 SIGN ALLOWED = 289 SF
 2. MAXIMUM HEIGHT ALLOWED = 25'
 3. ALL FREESTANDING SIGNS MUST BE NO CLOSER THAN 10' FROM ANY PROPERTY LINE.
 4. WALL SIGNS: PERMANENT WALL SIGN AREA MAY NOT EXCEED 1 SF PER EACH LINEAR FOOT OF BUILDING WALL
 LINEAR FEET OF WALL = 360 LF
 ALLOWED SF OF SIGN = 360 SF

UTILITIES
 1. ALL WATER UTILITIES WILL BE COORDINATED WITH PENDER COUNTY ENGINEERING; AND SEWER UTILITIES WILL BE COORDINATED WITH OLD NORTH STATE WATER COMPANY, LLC.
 2. WATER PROVIDED BY PENDER COUNTY ENGINEERING.
 3. SANITARY SEWER PROVIDED BY OLD NORTH STATE WATER COMPANY, LLC. LETTER PROVIDED IN PACKAGE DEMONSTRATES CAPACITY IS AVAILABLE TO SERVE THIS PROJECT.
 4. STORMWATER WILL BE HANDLED ON SITE IN COMPLIANCE WITH ALL STATE STORMWATER STANDARDS.
 5. ALL PROPOSED LIGHTING LOCATIONS ARE PRELIMINARY AND WILL BE VERIFIED BY LIGHTING PROVIDER PRIOR TO CONSTRUCTION.

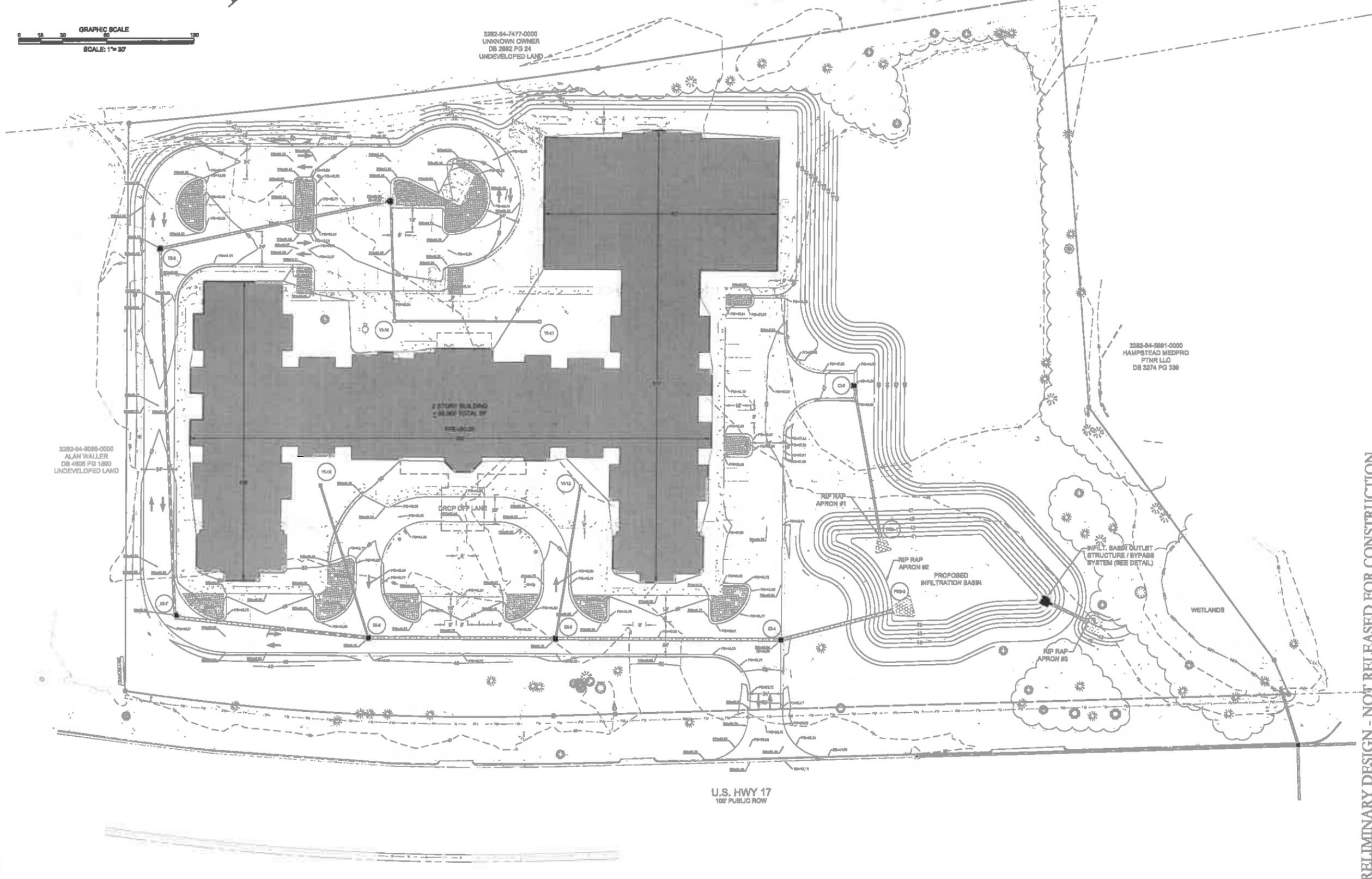


PRELIMINARY DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS: _____ _____ _____	
CLIENT INFORMATION: ARBOR LANDING AT HAMPSHIRE, LLC 855 OLD WINSTON ROAD, SUITE 118 KERNERSVILLE, NC 27284	
PARAMOUNT ENGINEERING, INC. 5911 Oldenbur Drive, Suite 201 Wilmington, North Carolina 28403 (910) 791-6707 (C) (910) 791-6760 (F) NC License #: C-2846	
MAJOR SITE DEVELOPMENT PLAN RIDGE CARE NC HWY 17 PENDER COUNTY NORTH CAROLINA	
PROJECT STATUS: CONCEPTUAL LAYOUT PRELIMINARY LAYOUT PRELIMINARY DEVELOPMENT	DRAWING INFORMATION: SCALE: 1" = 10' DATE: 10/11/11
C-2.0	

GRADING ANNOTATION NOTE
 GRADES ANNOTATED ARE GIVEN AT THE EDGE OF PAVEMENT ELEVATION
 EQ - EXISTING GRADE
 PG - PROPOSED GRADE
 SHADED CURBS REPRESENTS "REVERSE CURBS"

STORM ANNOTATION NOTE
 CI - CURB INLET
 DI - DROP INLET
 MH - STORM DRAIN MANHOLE



3282-54-7477-0000
 UNKNOWN OWNER
 DS 2882 PG 24
 UNDEVELOPED LAND

3282-54-8086-0000
 ALAN WALLER
 DS 4005 PG 1380
 UNDEVELOPED LAND

3282-54-5881-0000
 HAMPSTEAD MEDPRO
 PTNR LLC
 DS 3274 PG 330

U.S. HWY 17
 100' PUBLIC ROW

PRELIMINARY DESIGN - NOT RELEASED FOR CONSTRUCTION

PROJECT STATUS CONCEPTUAL LAYOUT PRELIMINARY LAYOUT NOT FOR PERMITS	DESIGNING INFORMATION DATE: 11/20/2014 BY: JAW CHECKED: JAW DESIGNED: JAW DRAWN: JAW	GRADING AND DRAINAGE PLAN	CLIENT INFORMATION ARBOR LANDING AT HAMPSTEAD, LLC 853 OLD WINSTON ROAD, SUITE 118 KERNERSVILLE, NC 27284
854		RIDGE CARE NC HWY 17 PENDER COUNTY NORTH CAROLINA	PARAMOUNT ENGINEERS, ARCHITECTS & PLANNERS, INC. 5911 Oleander Drive, Suite 201 Wilmington, North Carolina 28403 (910) 791-5797 (C) (910) 791-6760 (F) NC License #: C-2946
C-3.0			
JOB # 14-3PE			

