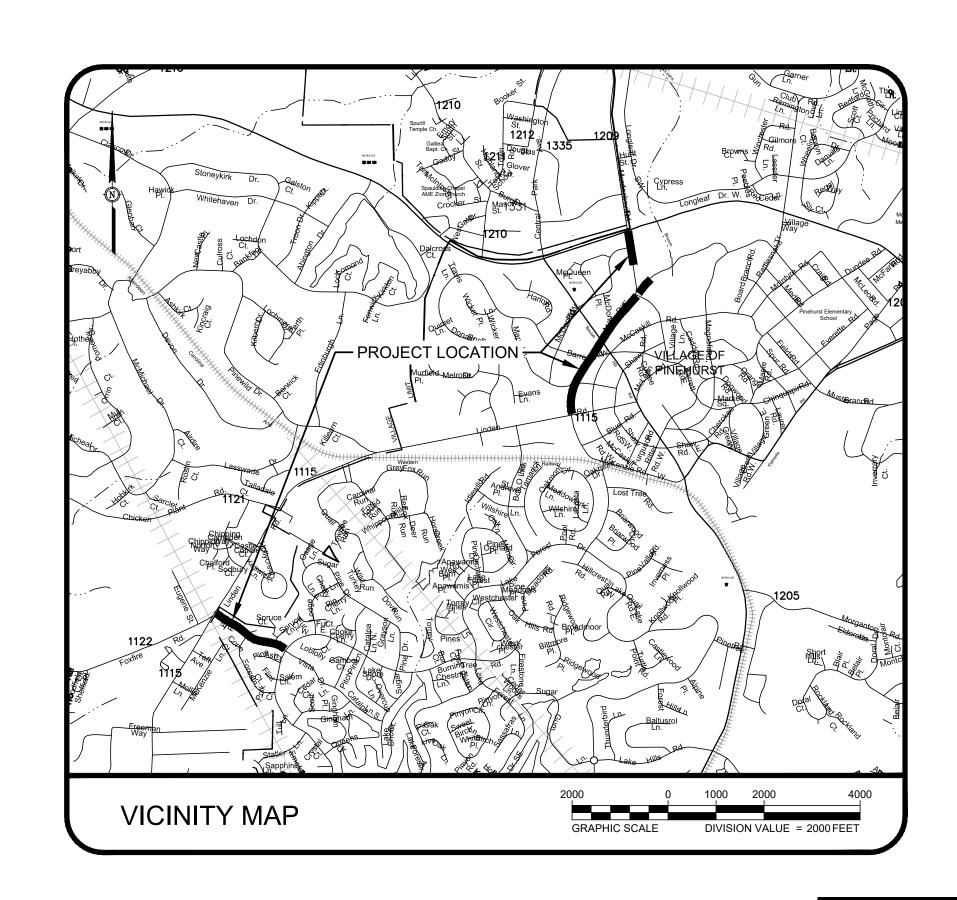
VILLAGE OF PINEHURST

PINEHURST, NORTH CAROLINA



SCHEDULE OF DRAWINGS		
SHEET NUMBER	SHEET TITLE	
G-001	COVER SHEET	
G-002	GENERAL NOTES AND LEGEND	
C-101	LOCATION PLAN	
C-102	PINE VISTA DRIVE PLAN	
C-103	McKENZIE ROAD PLAN	
C-104	McKENZIE ROAD PLAN	
C-105	McKENZIE ROAD PLAN	
C-501	DETAILS	
C-502	DETAILS	
C-503	DETAILS	



These improvements shall be drawings and with the Standa		~
I, DAVID L. HONEYCUTT Village of Pinehurst have been thor project. All exceptions to the applic approved by the Village of Pinehurs Sheet(s) of these dr	roughly checked and found to cable Village standards have st and said exceptions are sh	b be applicable to this been previously
PROFESSIONAL	Bv:	. PE



Village of Pinehurst Construction Plan Approval

All Construction Methods and Materials shall be in accordance with the Village of Pinehurst, Moore County Public Utilities, and NCDOT Standards and Specifications. In the event of a conflict between standards, the more stringent shall govern unless a written waiver is issued by the Village Engineer. Utility installations and other Public Facilities, including streets, sidewalks, and handicap ramps, have been approved by the Village of Pinehurst and shall be so installed unless a change is authorized by prior written approval. Public Sanitary Sewer and Utility Easements shall be recorded prior to final acceptance and /or issuance of a Certificate of Occupancy by the Village.

of Occupancy by the Village.	,	
Plan Appro∨al Number		5
Engineering	<u>-</u>	6
Fire Department	27—————————————————————————————————————	
Planning		
Moore Co. Public Utilities	T	

INFRASTRUCTURE INSPECTION NOTICE TO CONTRACTOR

AUTHORIZATION TO CONSTRUCT IMPROVEMENTS

Issue Date:

This is to advise you that the Village of Pinehurst is now requiring a minimum of Forty-eight (48) hours of notice when requesting an Engineering Inspection. Inspection requests may be made by calling the Public Services Department at 295-5021. Items requiring an Engineering Inspection include, but are not limited to:

- 1. Subgrade inspection/proof rolling (streets, sidewalks, firelanes, etc.) Density tests from an approved geotechnical engineering firm may be required.
- 2. Placement and inspection of base course materials including proof-rolling. Density tests from a Village-approved geotechnical engineering firm may be required/accepted by the Village.
- Placement and compaction of pavement materials including concrete and asphalt surface courses.
 Includes stringlines/grade control, paving & rolling operations, material inspections.
 Installation of water and sewer mains and services including pressure testing, pipe laying,
- chlorination of water mains, bacterial testing, mandrel pulls, etc. necessary to meet the Village's Utility ordinances. NOTE: The Contractor shall also contact Moore County Public Utilities

 Department Engineering Division at 947-6315 to schedule utility inspections as required by MCPUD Installation of formwork and placement of concrete (sidewalks, curb & gutter, etc.) within the public
- right of way.

 Installation of storm drainage systems (pipes, trenches, catch basins, frames/grates, outlet protection.

Failure to schedule the required inspections shall be grounds for rejection of all work not inspected and issuance of a stop-work order until the project is in compliance

UPDATED FEBRUARY. 2022

- FINISH GRADE TOLERANCES SHALL BE AS NOTED IN THE SPECIFICATIONS. THE ENGINEER MAY MAKE GRADE CHANGES AS REQUIRED IN THE FIELD WITHOUT EFFECTING THE UNIT BID PRICE FOR UNCLASSIFIED EXCAVATION.
- UNLESS OTHERWISE STATED, ALL FILL AREAS SHALL BE CONSTRUCTED IN LAYERS OF 8" MAXIMUM THICKNESS, WITH WATER ADDED OR SOIL CONDITIONED TO THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE ENGINEER AND COMPACTED WITH A SHEEP'S FOOT ROLLER TO A COMPACTION EQUAL TO OR GREATER THAN 95% (100% IN THE TOP 2' OF THE SUB GRADE BELOW ROADWAYS AND PARKING LOTS) OF THE DENSITY OBTAINED BY COMPACTING A SAMPLE OF THE MATERIAL IN ACCORDANCE WITH THE STANDARD PROCTOR METHOD OF MOISTURE-DENSITY RELATIONSHIP TEST, ASTM D698 OR AASHTO-99 UNLESS SPECIFIED IN OTHER SPECIFICATIONS.
- ENTIRE AREA TO BE GRADED SHALL BE CLEARED AND GRUBBED. NO FILL SHALL BE PLACED ON ANY AREA NOT CLEARED AND GRUBBED.
- ALL SOIL EROSION CONTROL MEASURES REQUIRED BY THE GRADING PLAN SHALL BE PERFORMED PRIOR TO GRADING, CLEARING OR GRUBBING. ALL EROSION CONTROL DEVICES SUCH AS SILT FENCES, ETC., SHALL BE MAINTAINED IN WORKABLE CONDITION FOR THE LIFE OF THE PROJECT AND SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT ONLY ON THE ENGINEER'S APPROVAL. PAYMENT SHALL BE CONSIDERED INCIDENTAL TO CLEARING AND GRUBBING. IF DURING THE LIFE OF THE PROJECT, A STORM CAUSES SOIL EROSION WHICH CHANGES FINISH GRADES OR CREATES "GULLIES" AND "WASHED AREAS", THESE SHALL BE REPAIRED AT NO EXTRA COST, AND ALL SILT WASHED OFF OF THE PROJECT SITE ONTO ADJACENT PROPERTY SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AT NO EXTRA COST. THE CONTRACTOR SHALL ADHERE TO ANY APPROVED EROSION CONTROL PLANS WHETHER INDICATED IN THE CONSTRUCTION PLANS OR UNDER SEPARATE COVER.
- DISPOSABLE MATERIAL
- CLEARING AND GRUBBING WASTES SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE. UNLESS SPECIFIED OTHERWISE.
- SOLID WASTES TO BE REMOVED, SUCH AS SIDEWALKS, CURBS, PAVEMENT, ETC., MUST BE PLACED IN SPECIFIC DISPOSAL AREAS DELINEATED ON THE PLANS OR REMOVED FROM THE SITE AS REQUIRED BY THE SPECIFICATIONS. THIS MATERIAL SHALL HAVE A MINIMUM COVER OF 2'. THE CONTRACTOR SHALL MAINTAIN SPECIFIED COMPACTION REQUIREMENTS IN THESE AREAS. WHEN DISPOSAL SITES ARE NOT PROVIDED. THE CONTRACTOR SHALL REMOVE THIS WASTE FROM THE SITE AND PROPERLY DISPOSE OF IT AT HIS EXPENSE.
- ABANDONED UTILITIES SUCH AS CULVERTS, WATER PIPE, HYDRANTS, CASTINGS, PIPE APPURTENANCES, UTILITY POLES, ETC., SHALL BE THE PROPERTY OF THE SPECIFIC UTILITY AGENCY, OR COMPANY HAVING JURISDICTION. BEFORE THE CONTRACTOR CAN REMOVE, DESTROY, SALVAGE, REUSE, SELL OR STORE FOR HIS OWN USE ANY ABANDONED UTILITY, HE MUST PRESENT TO THE OWNER WRITTEN PERMISSION FROM THE UTILITY INVOLVED.
- IN THE EVENT EXCESSIVE GROUNDWATER OR SPRINGS ARE ENCOUNTERED WITHIN THE LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR EVALUATION AND INSTRUCTION ON HOW TO PROCEED. IN THE EVENT THAT DEWATERING OR LOWERING OF THE WATER TABLE IS NECESSARY. NCDEQ DWR SHALL BE CONTACTED PRIOR TO ANY WORK BEING PERFORMED. ALL WORK SHALL BE PAID FOR BASED UPON THE UNIT BIDS UNLESS SPECIFIED OTHERWISE.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ADJUSTMENT OF ALL UTILITY SURFACE ACCESSES WHETHER HE PERFORMS THE WORK OR A UTILITY COMPANY PERFORMS THE WORK.
- THE CONTRACTOR SHALL CONTROL ALL "DUST" BY PERIODIC WATERING AND SHALL PROVIDE ACCESS AT ALL TIMES FOR PROPERTY OWNERS WITHIN THE PROJECT AREA AND FOR EMERGENCY VEHICLES. ALL OPEN DITCHES AND HAZARDOUS AREAS SHALL BE CLEARLY MARKED IN ACCORDANCE WITH THE
- ALL AREAS WHERE THERE IS EXPOSED DIRT SHALL BE SEEDED, FERTILIZED AND MULCHED ACCORDING TO THE SPECIFICATIONS. THE FINISHED SURFACE SHALL BE TO GRADE AND SMOOTH, FREE OF ALL ROCKS LARGER THAN 3", EQUIPMENT TRACKS, DIRT CLODS, BUMPS, RIDGES AND GOUGES PRIOR TO SEEDING; THE SURFACE SHALL BE LOOSENED TO A DEPTH OF ±4"-6" TO ACCEPT SEED. THE CONTRACTOR SHALL NOT PROCEED WITH SEEDING OPERATIONS WITHOUT FIRST OBTAINING THE ENGINEER'S APPROVAL OF THE GRADED SURFACE. ALL SEEDING SHALL BE PERFORMED BY A MECHANICAL "HYDRO-SEEDER". HAND SEEDING SHALL BE AUTHORIZED ON AN AREA BY AREA APPROVAL BY THE ENGINEER.
- CATCH BASINS CAST-IN-PLACE SHALL CONFORM TO THE REQUIREMENTS OF NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES (LATEST EDITION) ARTICLES 840-1 THROUGH 840-3. CURB INLET CATCH BASIN SHALL CONFORM TO NCDOT STANDARD DETAILS 840.02 THROUGH 840.04. DROP INLETS SHALL CONFORM TO STANDARD DETAIL 840.14. JUNCTION BOXES SHALL CONFORM TO STANDARD DETAIL 840.31.
- 12. CURB INLET FRAME, GRATE AND HOOD SHALL BE NEENAH R—3233D, PRODUCTS BY DEWEY BROS., U.S. FOUNDRY OR EQUAL. DROP INLET FRAME AND GRATE SHALL BE NEENAH R-3339A OR EQUAL. FIELD INLET COVER SHALL CONFORM TO NCDOT STANDARD DETAIL 840.04, OPENING FACING UPSTREAM.
- CONCRETE AND MASONRY SHALL MEET THE REQUIREMENTS OF APPROPRIATE SECTION OF NCDOT STANDARD SPECIFICATIONS FOR ROAD AND STRUCTURES (LATEST EDITION). CONCRETE SHALL BE CLASS A OR B, 4000 PSI MINIMUM, MEETING THE REQUIREMENTS OF SECTION 1000, CONSTRUCTED IN ACCORDANCE WITH SECTION 825. MASONRY SHALL MEET THE REQUIREMENTS OF SECTION 1040, CONSTRUCTED IN ACCORDANCE WITH SECTION 830 AND/OR 834.
- TOPS OF PROPOSED FRAMES AND GRATES SHALL BE FLUSH WITH FINISHED GRADE.
- 15. TINDALL PRE CAST CONCRETE BOXES ARE ACCEPTABLE ALTERNATIVES FOR PROPOSED CATCH BASINS.

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 unattended 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	Identification of the measures inspected, Date and time of the inspection, Name of the person performing the inspection, Indication of whether the measures were operating properly, Description of maintenance needs for the measure, 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	Identification of the discharge outfalls inspected, Date and time of the inspection, Name of the person performing the inspection, Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration, Indication of visible sediment leaving the site, 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.
(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.

PART II, SECTION G, ITEM (4)

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT

- (a) The E&SC plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&SC plan authority has approved these items, (b) The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item (2)(c) and (d) of this permit,
- (c) Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include properly sited, designed and maintained dewatering tanks, weir tanks, and filtration systems,
- (d) Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in Item (c) above, (e) Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and
- (f) Sediment removed from the dewatering treatment devices described in Item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States

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).
- 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
- (d) Anticipated bypasses and unanticipated bypasses.
- (e) Noncompliance with the conditions of this permit that may endanger health or the

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 Dep 858-0368.	partment's Environmental Emergency Center personnel at (800)
l	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	 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(I)(6).

Division staff may waive the requirement for a written report on a



NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMI plementing 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 Zone -10 days for Falls Lake Watershed unless there is zero slope

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

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.

retaining walls

Rolled erosion control products with grass seed

Apply flocculants at or before the inlets to Erosion and Sediment Control Measures. Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.

Provide ponding area for containment of treated Stormwater before discharging

Store flocculants in leak-proof containers that are kept under storm-resistant cover

EQUIPMENT AND VEHICLE MAINTENANCE

- Maintain vehicles and equipment to prevent discharge of fluids. Provide drip pans under any stored equipment.
- Identify leaks and repair as soon as feasible, or remove leaking equipment from the Collect all spent fluids, store in separate containers and properly dispose as

SELF-INSPECTION, RECORDKEEPING AND REPORTING

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 kept on site and available for

(a) Each E&SC measure has been installed Initial and date each E&SC measure on a copy

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

plan or complete, date and sign an inspection report to indicate completion of the

Initial and date a copy of the approved E&SC

plan or complete, date and sign an inspection

report to indicate compliance with approved

Initial and date a copy of the approved E&SC

eport to indicate the completion of the

lan or complete, date and sign an inspection

omplete, date and sign an inspection report.

ground cover specifications.

and does not significantly deviate from the of the approved E&SC plan or complete, date

locations, dimensions and relative elevations | and sign an inspection report that lists each

(b) A phase of grading has been completed. | Initial and date a copy of the approved E&SC

In addition to the E&SC plan documents above, the following items shall be kept on the

(b) Records of inspections made during the previous twelve months. 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

All data used to complete the e-NOI and all inspection records shall be maintained for a period

of three years after project completion and made available upon request, [40 CFR 122.41]

site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make

(a) This General Permit as well as the Certificate of Coverage, after it is received.

shown to provide equal access and utility as the hard-copy records.

inspection at all times during normal business hours.

1. E&SC Plan Documentatio

shown on the approved E&SC plan.

(c) Ground cover is located and installed

in accordance with the approved E&SC

(d) The maintenance and repair

this requirement not practical:

have been performed.

to E&SC measures

requirements for all E&SC measures

(e) Corrective actions have been taken

2. Additional Documentation to be Kept on Site

3. Documentation to be Retained for Three Years

- hazardous waste (recycle when possible). Remove leaking vehicles and construction equipment from service until the problem
- has been corrected
- 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 Never bury or burn waste. Place litter and debris in approved waste containers.

- Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes. Locate waste containers at least 50 feet away from storm drain inlets and surface
- Locate waste containers on areas that do not receive substantial amounts of runof from upland areas and does not drain directly to a storm drain, stream or wetland. Cover waste containers at the end of each workday and before storm events or
- provide secondary containment. Repair or replace damaged waste containers. . 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

Contain liquid wastes in a controlled area.

- 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.
- 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

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.

- Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas 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

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 Protect stockpile with silt fence installed along toe of slope with a minimum offset of

- five feet from the toe of stockpile Provide stable stone access point when feasible 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.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING



2. THE CONCRETE VASHOUT STRUCTURES SHALL BE HAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75X OF THE STRUCTURES 3.CONCRETE VASHOUT STRUCTURE NEEDS TO BE CLEARY MARKED VITH SIGNAGE NOTING DEVICE. SCENCRETE VASHBUT STRUCTURE NEEDS TO BE CLEARY MARKED VITH SIGNAGE NOTING DEVICE. ABOVE GRADE WASHOUT STRUCTURE

ONCRETE WASHOUTS

CFR 122.41(I)(7)]

- Do not discharge concrete or cement slurry from the site. Dispose of, or recycle settled, hardened concrete residue in accordance with local
- and state solid waste regulations and at an approved facility. 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
- 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.
- 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
- 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 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 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. 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.
- LO. 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 RODENTICIDE

- Store and apply herbicides, pesticides and rodenticides in accordance with label
- 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
- 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. Do not stockpile these materials onsite.

Create designated hazardous waste collection areas on-site.

 Place hazardous waste containers under cover or in secondary containment. 3. Do not store hazardous chemicals, drums or bagged materials directly on the ground. LIMITS OF DISTURBANCE - 1.82 ACRE

LINE LEGEND

----- EDGE OF GRAVEL

OHE OVERHEAD UTILITY WIRES

HATCH LEGEND

= = = = = = = = STORM DRAINAGE PIPE

---- — — — CONTOUR MAJOR

— — — — CONTOUR MINOR

CONCRETE

PAVEMENT

GRAVEL

. TREE LINE

→ WOOD FFNCF

PROPERTY LINE (PL)

PL NOT SURVEYED

- EDGE OF DIRT

EDGE OF RIPRAF

— CURB & GUTTER

- EDGE OF LANDSCAPING

Village of Pinehurst Construction Plan Approval

SYMBOL LEGEND

◆ TELEPHONE PEDESTAL

→ CABLE TV PEDESTAL

| □ FIRE HYDRANT

| W | WATER METER

₩ATER VALVE

│ 🌣 │ SPRINKLER HEAD

EVERGREEN TREE

DECIDUOUS TREE

│ │ │ │ SPOT ELEVATION

□ | MAILBOX

♦ IRRIGATION CONTROL VALVE

FIBEROPTIC HANDHOLE

PROPERTY CORNER FOUND

DATUM CONTROL POINT

UTILITY POLE WITH LIGHT

GUY WIRE / ANCHOR

☑ | ELECTRIC CONTROL BOX

□ | ELECTRIC METER

TRAFFIC SIGNAL BOX

GAS TEST STATION

S | SEWER MANHOLE

☆ | LIGHT POLE

O' UTILITY POLE

All Construction Methods and Materials shall be in accordance with the Village of Pinehurst, Moore County Public Utilities, and NCDOT Standards and Specifications. In the event of a conflict between standards, the more stringent shall govern unless a written waiver is issued by the Village Engineer. Utility installations and other Public Facilities, including streets, sidewalks, and handicap ramps, have been approved by the Village of Pinehurst and shall be so nstalled unless a change is authorized by prior written approval. Public Sanitary Sewer and Utility Easements shall be recorded prior to final acceptance and /or issuance of a Certificate

f Occupancy by the Village.	
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ire Department	- 2
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loore Co. Public Utilities	7

INFRASTRUCTURE INSPECTION NOTICE TO CONTRACTOR

This is to advise you that the Village of Pinehurst is now requiring a minimum of Forty-eight (48) hours of notice when requesting an Engineering Inspection. Inspection requests may be made by calling the Public Services Department at 295-5021. <u>Items requiring an Engineering Inspection include, but are not</u>

- . Subgrade inspection/proof rolling (streets, sidewalks, firelanes, etc.) Density tests from an approved geotechnical engineering firm may be required. Placement and inspection of base course materials including proof-rolling. Density tests from a
- Village-approved geotechnical engineering firm may be required/accepted by the Village. Placement and compaction of pavement materials including concrete and asphalt surface courses. Includes stringlines/grade control, paving & rolling operations, material inspections. Installation of water and sewer mains and services including pressure testing, pipe laying,
- chlorination of water mains, bacterial testing, mandrel pulls, etc. necessary to meet the Village's Utility ordinances. NOTE: The Contractor shall also contact Moore County Public Utilities Department Engineering Division at 947-6315 to schedule utility inspections as required by MCPUD
- . Installation of formwork and placement of concrete (sidewalks, curb & gutter, etc.) within the public i. Installation of storm drainage systems (pipes, trenches, catch basins, frames/grates, outlet protection

Failure to schedule the required inspections shall be grounds for rejection of all work not

inspected and issuance of a stop-work order until the project is in compliance

N/A

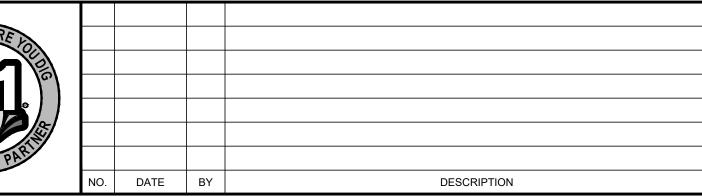
G-002

SHEET

Pinehurst, NC 28374 NC Firm License # C-0459 mcaillassociates.com







SIDEWALK IMPROVEMENTS McKENZIE / PINE VISTA

VILLAGE OF PINEHURST

EFFECTIVE: 04/01/19

PINEHURST, NORTH CAROLINA

FFICE MANAGER DESIGNER D. HONEYCUTT D. HONEYCUTT ROJECT MANAGER D. HONEYCUTT

AS NOTED

SURVEY PERFORMED BY:

Survey Department

2043 Energy Drive

Direct: (919) 439-5508

Cell: (919) 902-3108

Apex, NC 27502

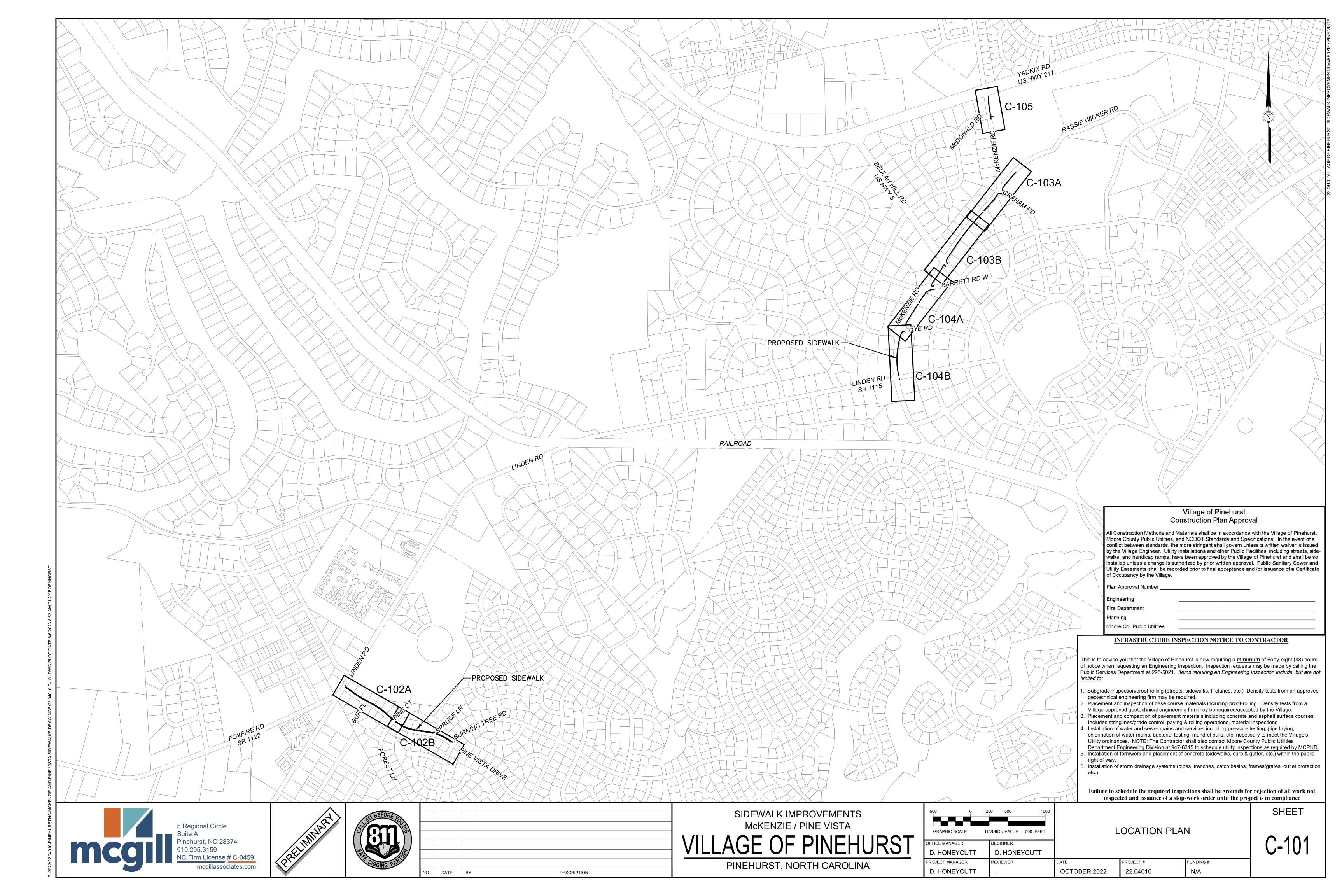
Taylor Wiseman & Taylor

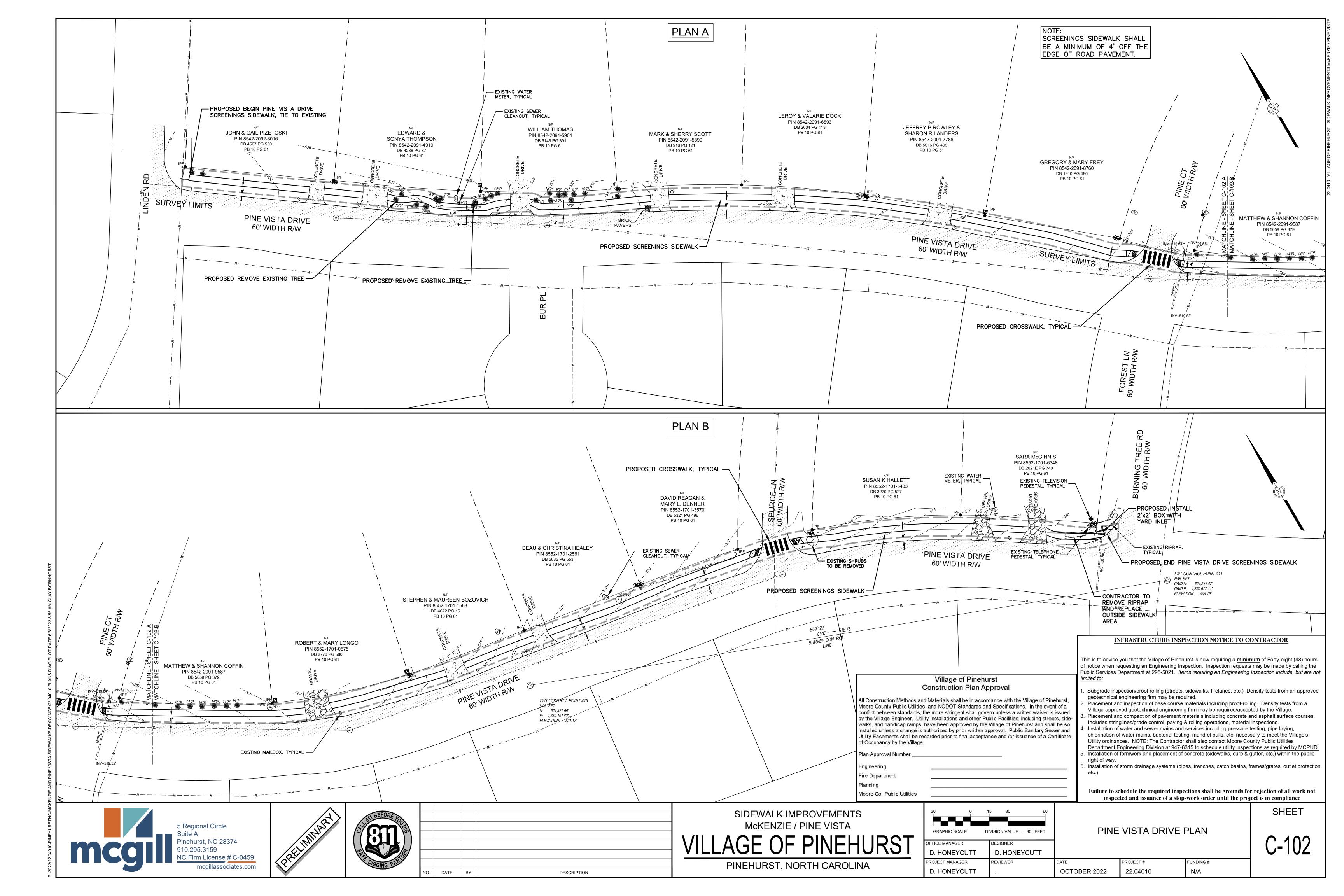
ENGINEERS I SURVEYORS I SCIENTISTS

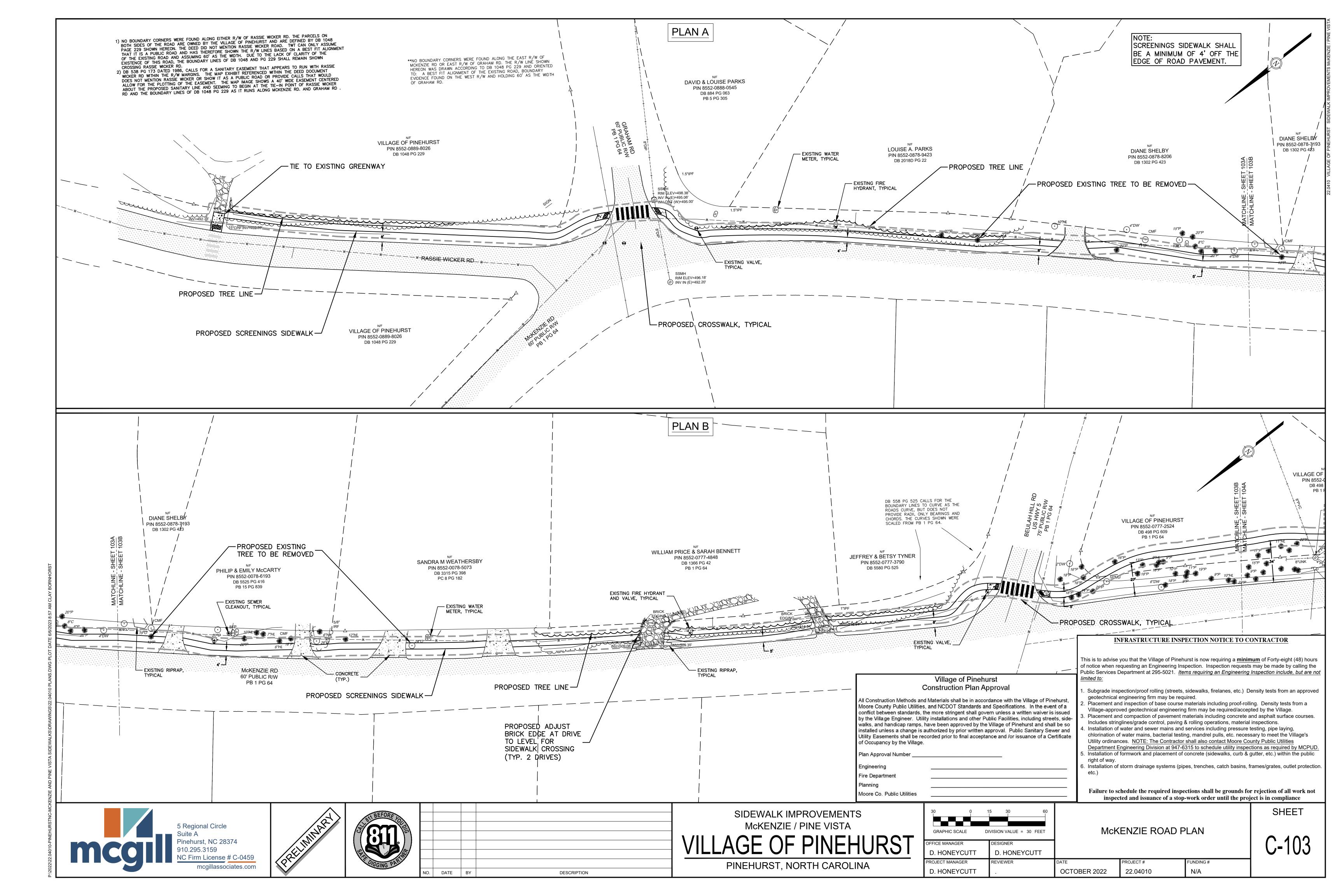
GENERAL NOTES AND LEGEND

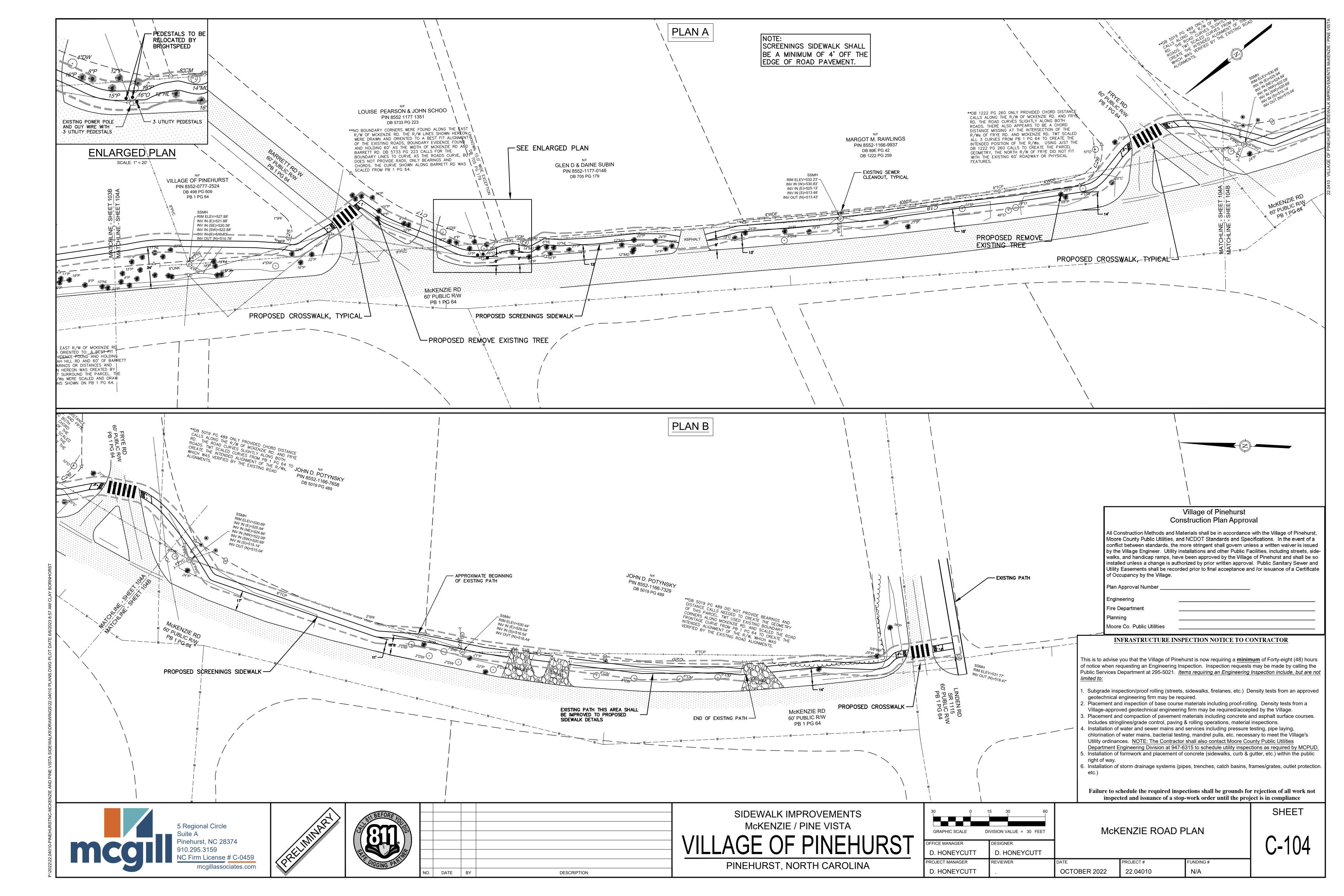
OCTOBER 2022

22.04010









PLAN SCREENINGS SIDEWALK SHALL BE A MINIMUM OF 4' OFF THE EDGE OF ROAD PAVEMENT. EXISTING GREENWAY — **NO BOUNDARY CORNERS WERE FOUND ALONG THE EAST R/W OF MCKENZIE RD. THE **NO BOUNDARY CORNERS WERE FOUND ALONG THE EAST K/W OF MICKENZIE RD. THE R/W LINE SHOWN HEREON WAS DRAWN ACCORDING TO DB 1048 PG 229 AND ORIENTED TO: A BEST FIT ALIGNMENT OF THE EXISTING ROAD, BOUNDARY EVIDENCE FOUND ON THE WEST R/W AND HOLDING 60' AS THE WIDTH OF MCKENZIE RD. VILLAGE OF PINEHURST EXISTING CONCRETE SIDEWALK — PIN 8552-0889-8026 DB 1048 PG 229 - PROPOSED TIE TO EXISTING GREENWAY EXISTING FIRE HYDRANT AND VALVE — McKENZIE RD EXISTING VALVE, TYPICAL 60' PUBLIC R/W PB 1 PG 64 PROPOSED TIE TO EXISTING CONCRETE SIDEWALK — NV=453.06' PROPOSED CONCRETE SIDEWALK —

Village of Pinehurst Construction Plan Approval

All Construction Methods and Materials shall be in accordance with the Village of Pinehurst, Moore County Public Utilities, and NCDOT Standards and Specifications. In the event of a conflict between standards, the more stringent shall govern unless a written waiver is issued by the Village Engineer. Utility installations and other Public Facilities, including streets, sidewalks, and handicap ramps, have been approved by the Village of Pinehurst and shall be so installed unless a change is authorized by prior written approval. Public Sanitary Sewer and Utility Easements shall be recorded prior to final acceptance and /or issuance of a Certificate of Occupancy by the Village.

Plan Approval Number	инананиянанананананананананананананананы»
Engineering	
Fire Department	-
Planning	
Moore Co. Public Utilities	

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- . Placement and inspection of base course materials including proof-rolling. Density tests from a Village-approved geotechnical engineering firm may be required/accepted by the Village.

Placement and compaction of pavement materials including concrete and asphalt surface courses.

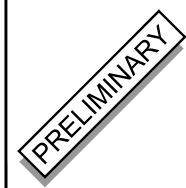
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- Department Engineering Division at 947-6315 to schedule utility inspections as required by MCPUD. 5. Installation of formwork and placement of concrete (sidewalks, curb & gutter, etc.) within the public
- 3. Installation of storm drainage systems (pipes, trenches, catch basins, frames/grates, outlet protection.

Failure to schedule the required inspections shall be grounds for rejection of all work not

inspected and issuance of a stop-work order until the project is in compliance SHEET

N/A

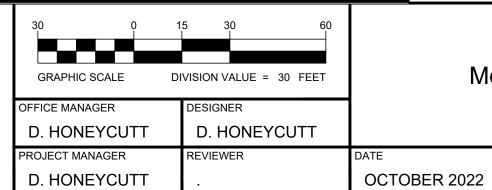
5 Regional Circle
Suite A
Pinehurst, NC 28374
910.295.3159
NC Firm License # C-0459
mcgillassociates.com





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1 1	NO.	DATE	BY	DESCRIPTION

SIDEWALK IMPROVEMENTS McKENZIE / PINE VISTA VILLAGE OF PINEHURST PINEHURST, NORTH CAROLINA



McKENZIE ROAD PLAN

22.04010