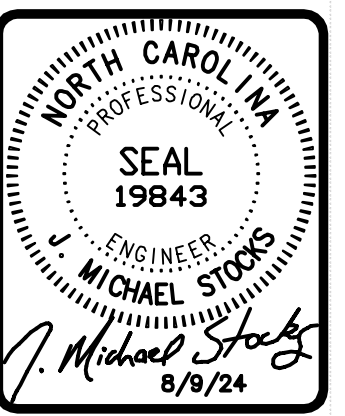


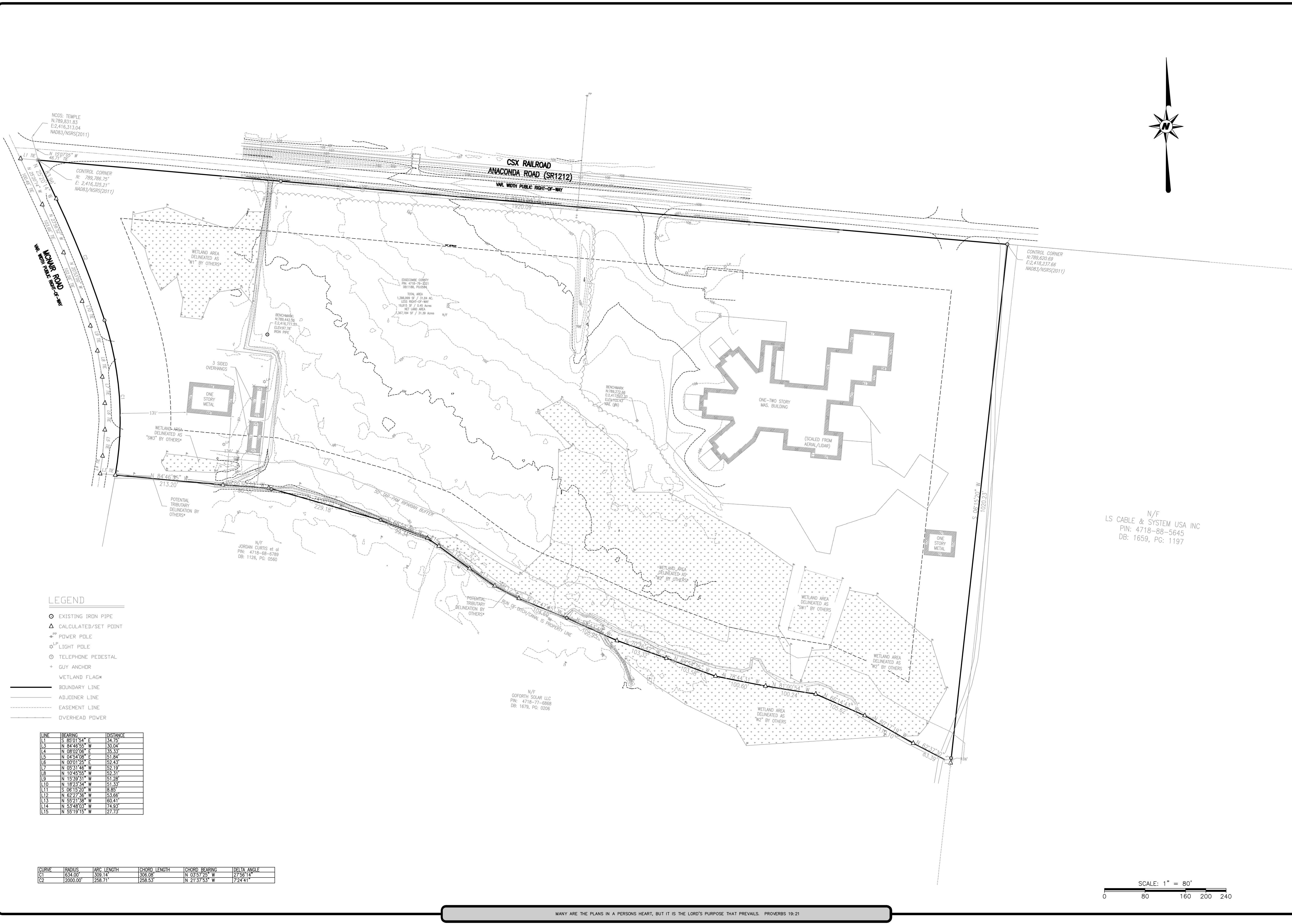
**EDGECOMBE COUNTY ANIMAL SHELTER
 EDGECOMBE COUNTY, NORTH CAROLINA**



EXISTING CONDITIONS

NO.	REVISIONS

FILE NO. 2023-076
 HORZ. SCALE: 1"=80'
 VERT. SCALE: NONE



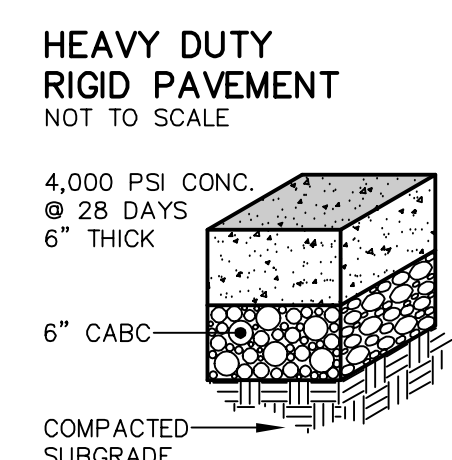
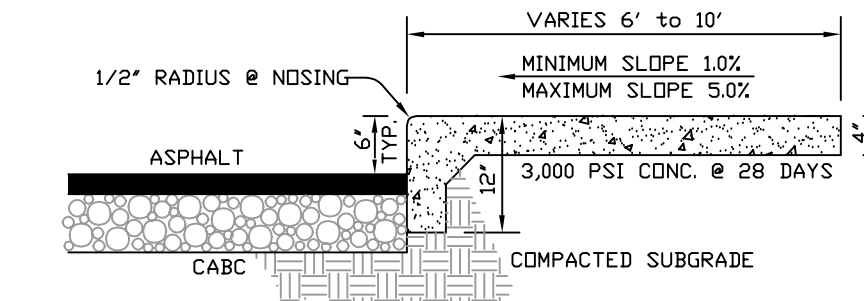
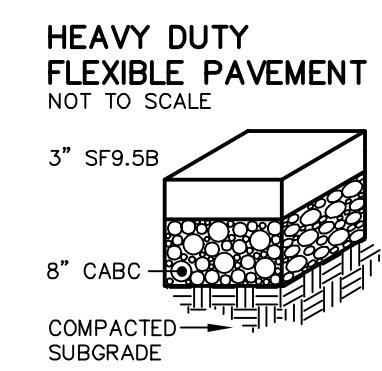
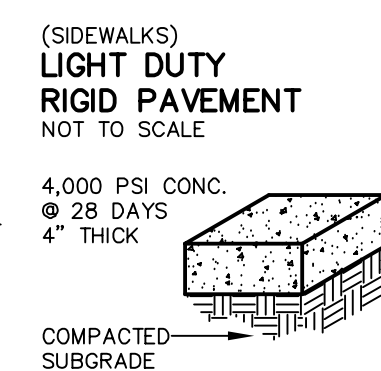
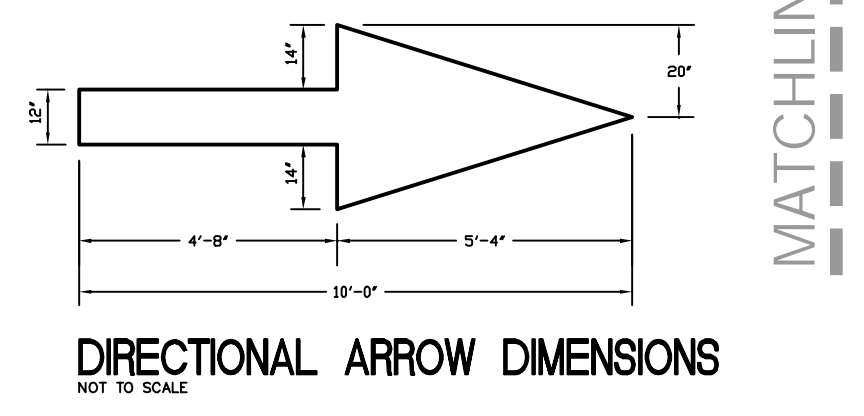
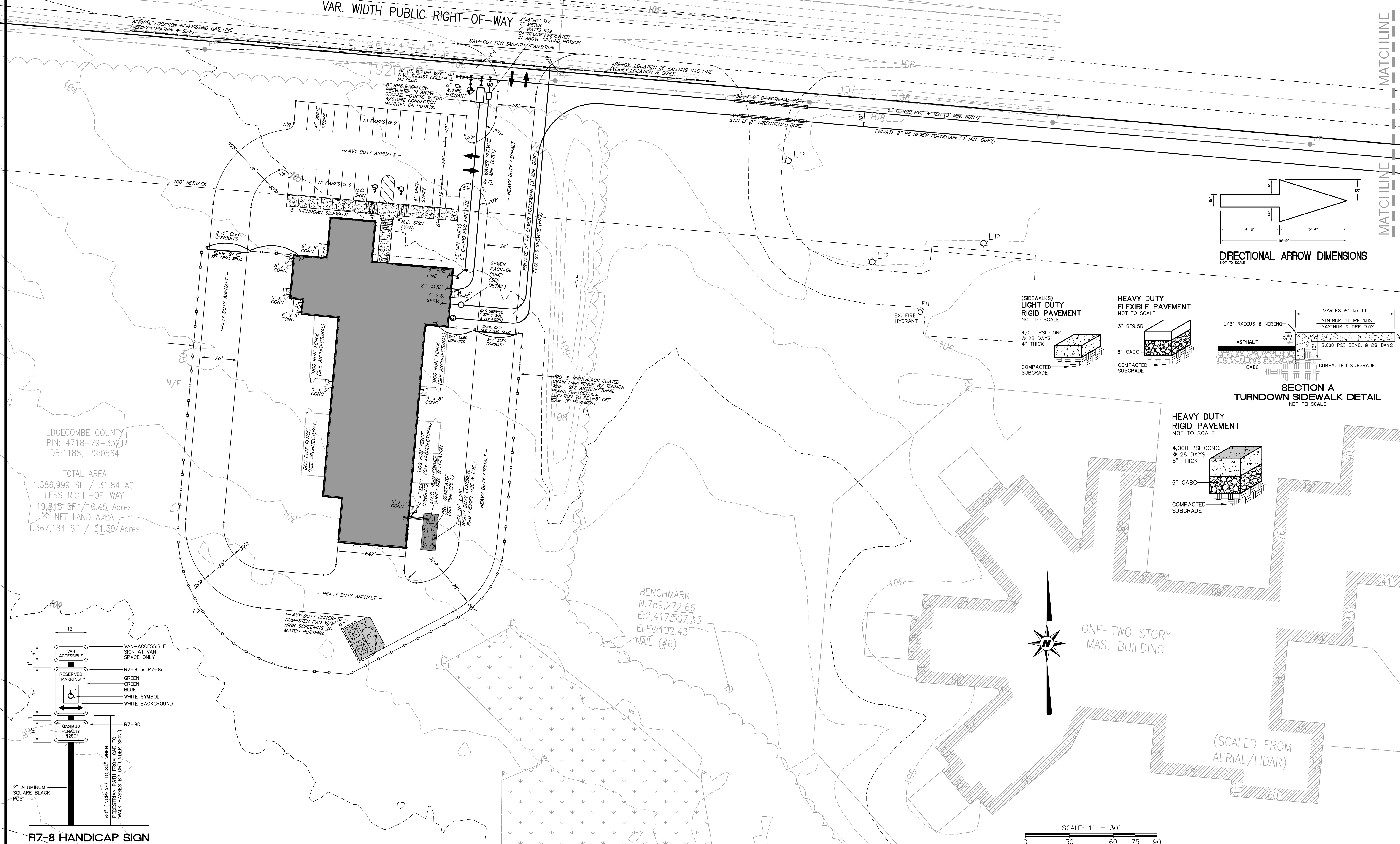
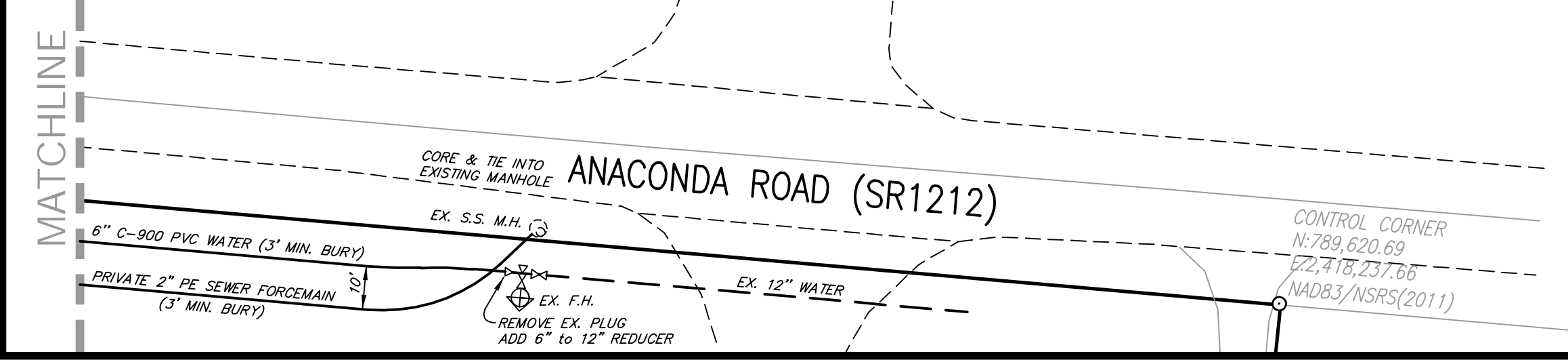
LEGEND

- EXISTING IRON PIPE
- △ CALCULATED/SET POINT
- PDWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- + GUY ANCHOR
- WETLAND FLAG*
- BOUNDARY LINE
- ADJOINER LINE
- EASEMENT LINE
- OVERHEAD POWER

LINE	BEARING	DISTANCE
L1	S 85°01'54" E	34.75'
L3	N 84°46'55" W	30.04'
L4	N 08°02'06" E	38.33'
L5	N 04°54'08" E	53.84'
L6	N 00°01'25" E	52.43'
L7	N 05°31'48" W	52.19'
L8	N 10°45'55" W	52.31'
L9	N 15°39'31" W	51.28'
L10	N 18°23'34" W	51.33'
L11	S 06°15'00" W	8.85'
L12	N 82°22'46" W	53.66'
L13	N 55°21'38" W	60.41'
L14	N 53°48'03" W	74.93'
L15	N 55°19'15" W	127.73'

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	634.00'	309.14'	306.08'	N 03°57'25" W	27°56'14"
C2	2000.00'	256.71'	256.53'	N 21°37'53" W	7°24'41"

CSX RAILROAD
ANACONDA ROAD (SR1212)
VAR. WIDTH PUBLIC RIGHT-OF-WAY



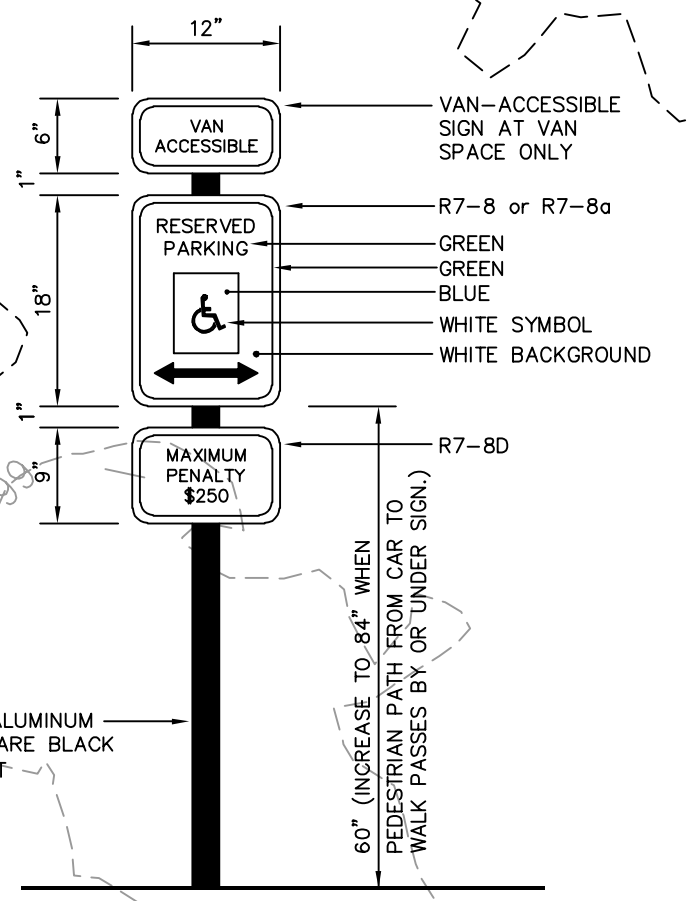
EDGECOMBE COUNTY
PIN: 4718-79-3321
DB:1188, PG:0564

TOTAL AREA
1,386,999 SF / 31.84 AC.
LESS RIGHT-OF-WAY
19,815 SF / 0.45 Acres
NET LAND AREA
1,367,184 SF / 31.39 Acres

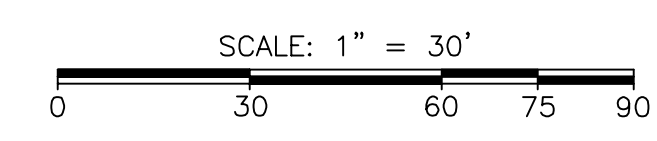
BENCHMARK
N:789,272.66
E:2,417,502.33
ELEV:102.43'
NAIL (#6)

ONE-TWO STORY
MAS. BUILDING

(SCALED FROM
AERIAL/LIDAR)



R7-8 HANDICAP SIGN



MANY ARE THE PLANS IN A PERSONS HEART, BUT IT IS THE LORD'S PURPOSE THAT PREVAILS. PROVERBS 19:21

STOCKS ENGINEERING
801 EAST WASHINGTON STREET
NASHVILLE, N.C. 27556
WWW.STOCKSENGINEERING.COM
P.O. BOX 1108
PHONE: (252) 459-8196

BLN-C-1874

EDGECOMBE COUNTY ANIMAL SHELTER
EDGECOMBE COUNTY, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL 19843
MICHAEL STOCKS
8/9/24

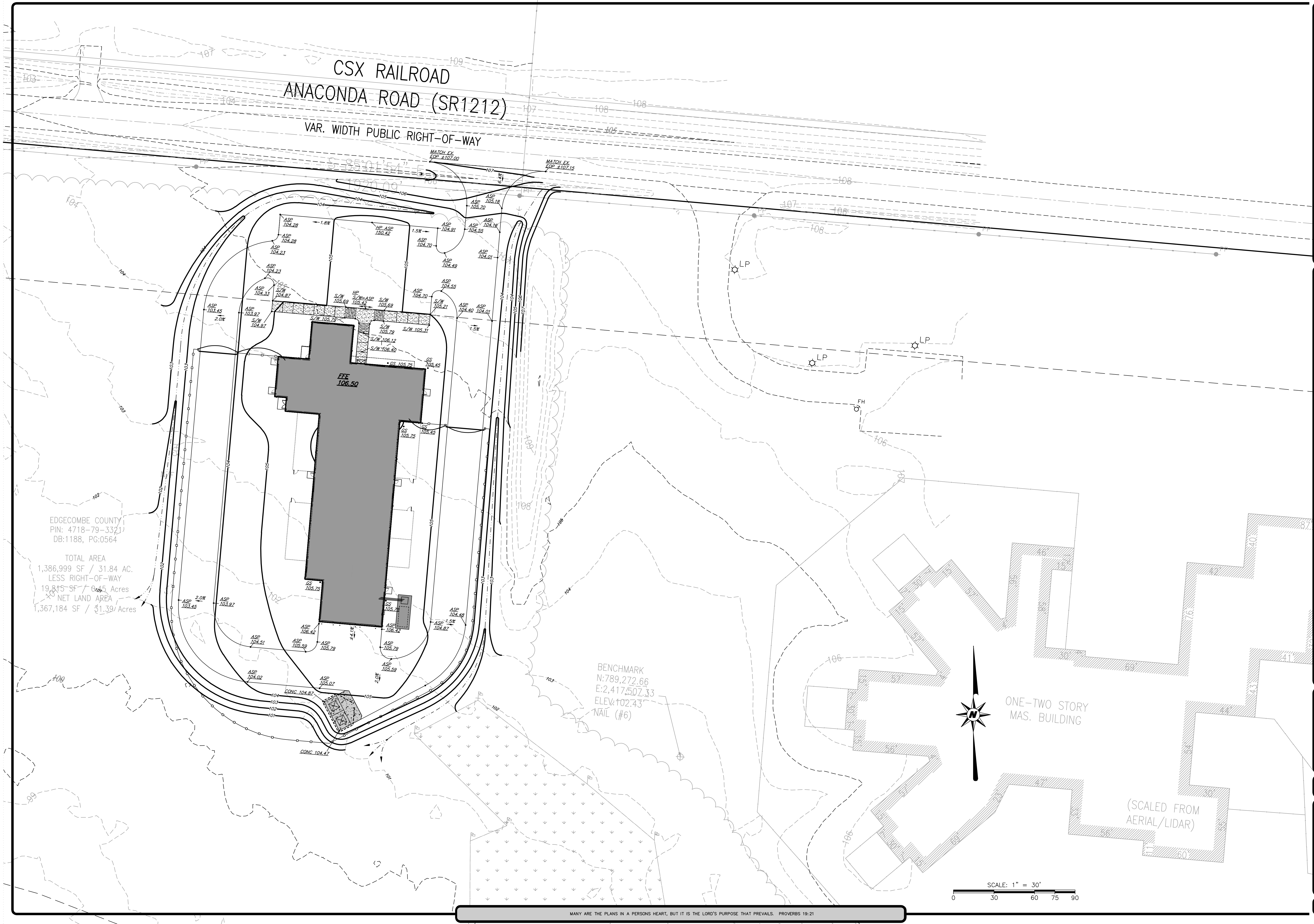
SITE and UTILITY PLAN

REVISIONS
8-9-24 REVISIONS PER PRE-BID

FILE NO. 2023-076
HORZ. SCALE: 1"=30'
VERT. SCALE: NONE

CE-02

CSX RAILROAD
 ANACONDA ROAD (SR1212)
 VAR. WIDTH PUBLIC RIGHT-OF-WAY



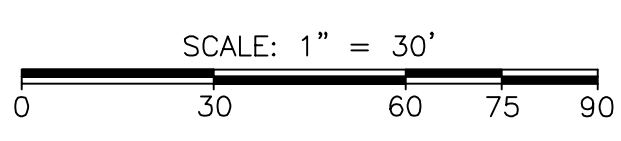
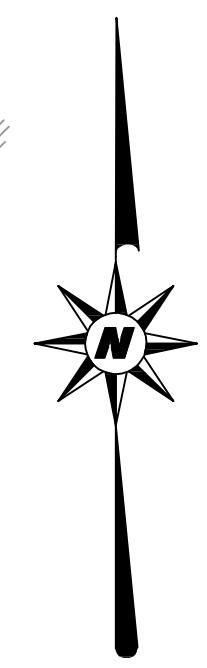
EDGECOMBE COUNTY
 PIN: 4718-79-3321
 DB:1188, PG:0564

TOTAL AREA
 1,386,999 SF / 31.84 AC.
 LESS RIGHT-OF-WAY
 19,815 SF / 0.45 Acres
 NET LAND AREA
 1,367,184 SF / 31.39 Acres

BENCHMARK
 N:789,272.66
 E:2,417,507.33
 ELEV:102.43
 NAIL (#6)

ONE-TWO STORY
 MAS. BUILDING

(SCALED FROM
 AERIAL/LIDAR)



MANY ARE THE PLANS IN A PERSONS HEART, BUT IT IS THE LORD'S PURPOSE THAT PREVAILS. PROVERBS 19:21

STOCKS ENGINEERING
 P.O. BOX 1108
 801 EAST WASHINGTON STREET
 NASHVILLE, N.C. 27556
 WWW.STOCKSENGINEERING.COM
 PHONE: (252) 459-8196

BLN-C-1874

**EDGECOMBE COUNTY ANIMAL SHELTER
 EDGECOMBE COUNTY, NORTH CAROLINA**

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 19843
 MICHAEL STOCKS
 J. Michael Stocks
 8/9/24

DRAINAGE and GRADING PLAN

REVISIONS
 8-9-24 REVISIONS PER PRE-BID

FILE NO. 2023-076
 HORZ. SCALE: 1"=30'
 VERT. SCALE: NONE

CE-03

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

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

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

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

GROUND STABILIZATION SPECIFICATION

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

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none"> Temporary grass seed covered with straw or other mulches and tackifiers Hydroseeding Rolled erosion control products with or without temporary grass seed Appropriately applied straw or other mulch Plastic sheeting 	<ul style="list-style-type: none"> Permanent grass seed covered with straw or other mulches and tackifiers Geotextile fabrics such as permanent soil reinforcement matting Hydroseeding Shrubs or other permanent plantings covered with mulch Uniform and evenly distributed ground cover sufficient to restrain erosion Structural methods such as concrete, asphalt or retaining walls Rolled erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
- 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 offsite.
- Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

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 project.
- Collect all spent fluids, store in separate containers and properly dispose as 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 waters unless no other alternatives are reasonably available.
- Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
- 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.
- Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
- Dispose waste off-site at an approved disposal facility.
- On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

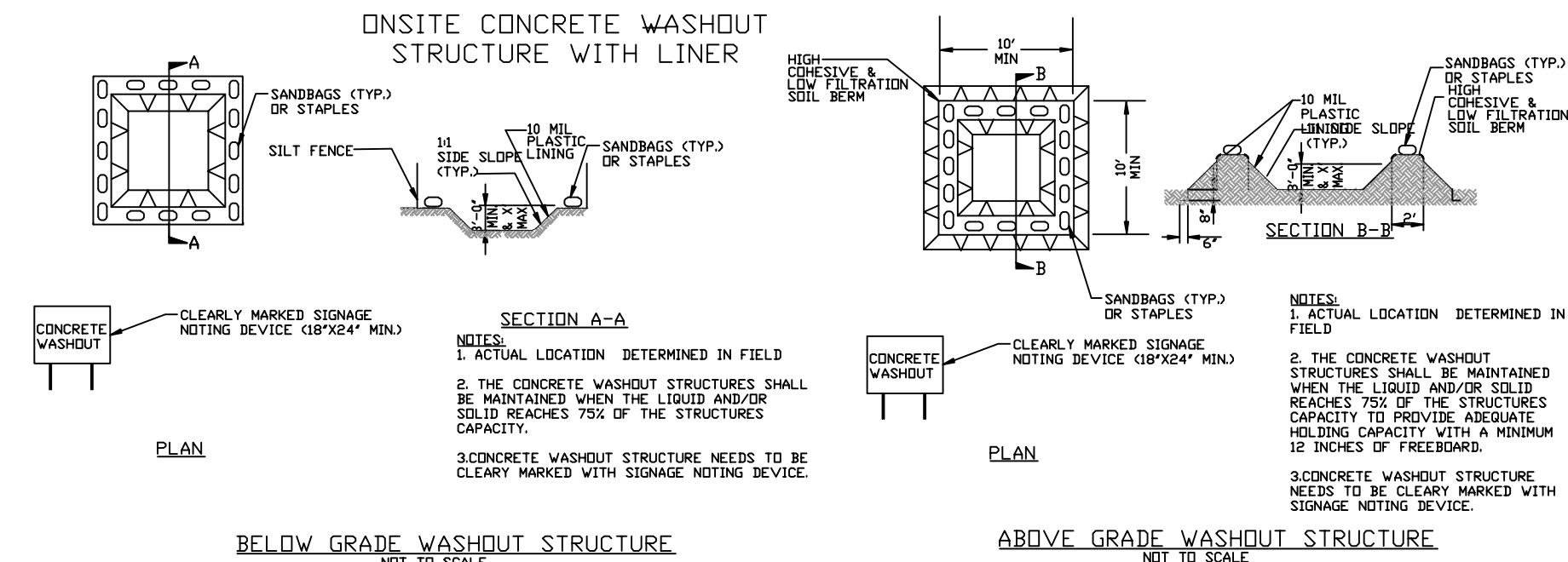
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled,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



CONCRETE WASHOUTS

- 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 lot perimeter silt fence.
- Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval Tlity 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 spills or overflow.
- 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 Tlity.
- 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.
- At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
- 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.

HAZARDOUS AND TOXIC WASTE

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

