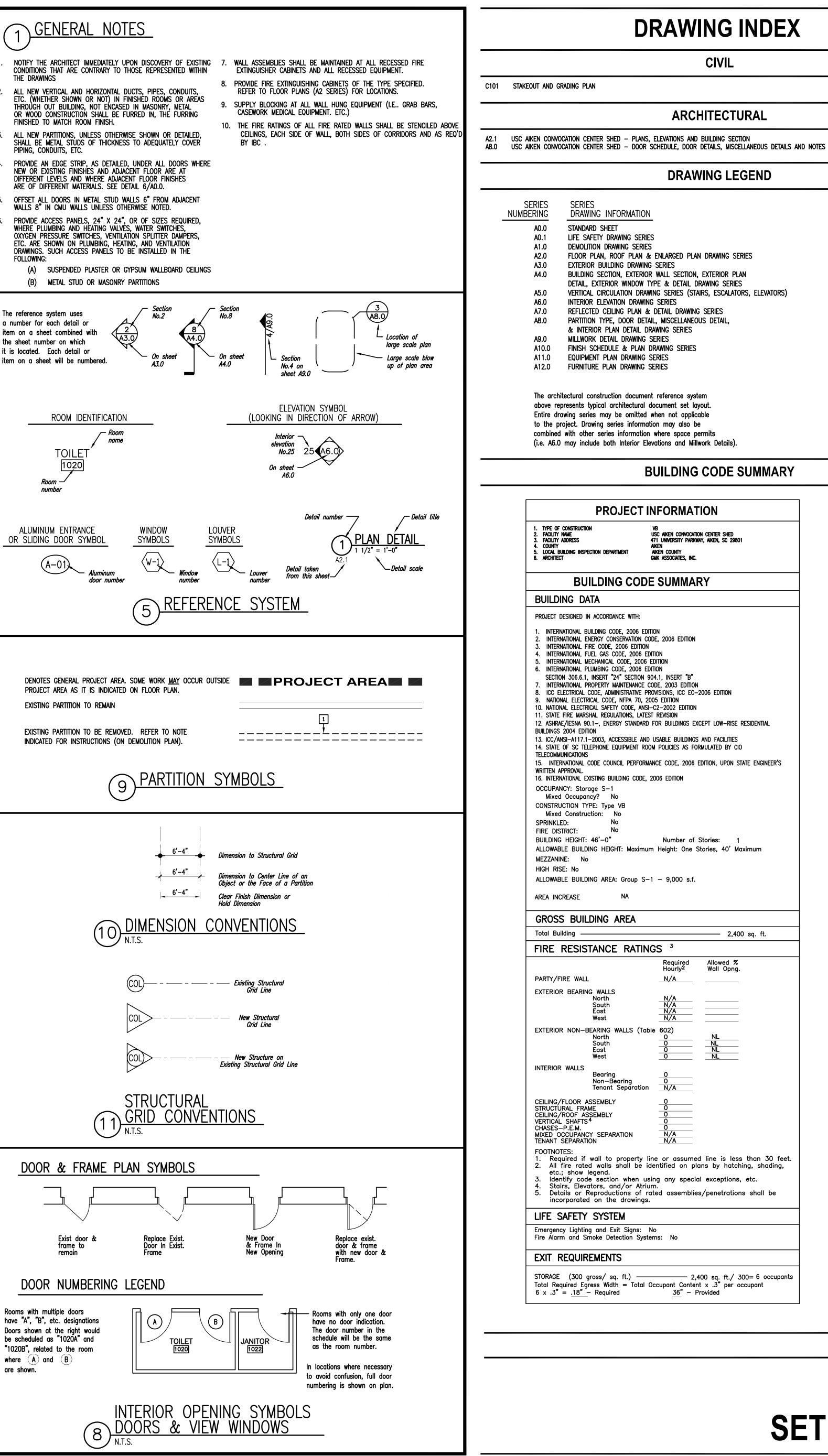
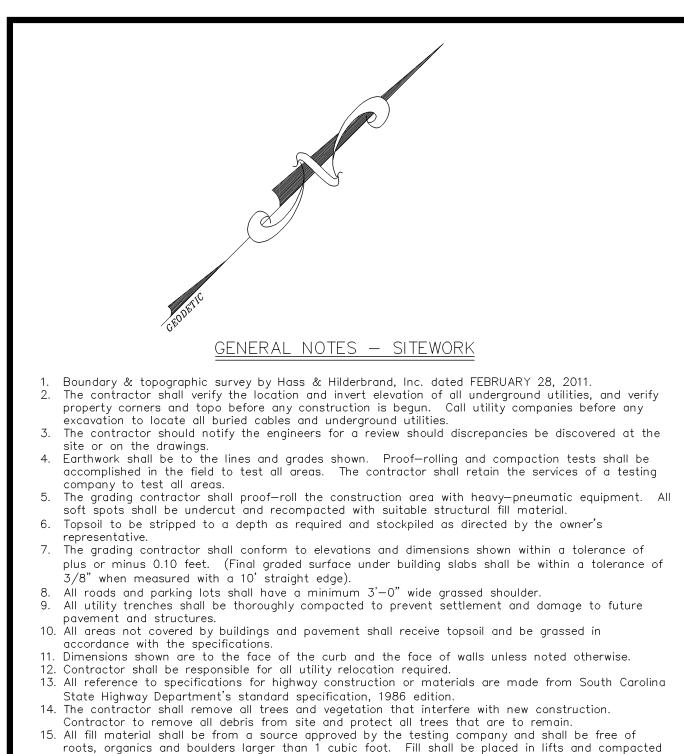


<ol> <li>NOTIFY THE ARCHITECT IMMEDIATELY CONDITIONS THAT ARE CONTRARY T THE DRAWINGS</li> <li>ALL NEW VERTICAL AND HORIZONT/ ETC. (WHETHER SHOWN OR NOT) I THROUGH OUT BUILDING, NOT ENC OR WOOD CONSTRUCTION SHALL BE FINISHED TO MATCH ROOM FINISH.</li> <li>ALL NEW PARTITIONS, UNLESS OTH SHALL BE METAL STUDS OF THICK PIPING, CONDUITS, ETC.</li> <li>PROVIDE AN EDGE STRIP, AS DETA NEW OR EXISTING FINISHES AND A DIFFERENT LEVELS AND WHERE AD ARE OF DIFFERENT MATERIALS. SEI</li> <li>OFFSET ALL DOORS IN METAL STU WALLS 8" IN CMU WALLS UNLESS</li> <li>PROVIDE ACCESS PANELS, 24" X 2 WHERE PLUMBING AND HEATING VA OXYGEN PRESSURE SWITCHES, VEN ETC. ARE SHOWN ON PLUMBING, H DRAWINGS. SUCH ACCESS PANELS FOLLOWING:         <ul> <li>(A) SUSPENDED PLASTER O</li> <li>(B) METAL STUD OR MASON</li> </ul> </li> </ol>
The reference system uses a number for each detail or item on a sheet combined with the sheet number on which it is located. Each detail or item on a sheet will be numbered.
ROOM IDENTIFICAT
ALUMINUM ENTRANCE OR SLIDING DOOR SYMBOL
DENOTES GENERAL PROJECT AF PROJECT AREA AS IT IS INDICA EXISTING PARTITION TO REMAIN EXISTING PARTITION TO BE REM INDICATED FOR INSTRUCTIONS (
10
- (11
DOOR & FRAME I DOOR & FRAME I List door & frame to remain DOOR NUMBERING Rooms with multiple doors have "A", "B", etc. designations Doors shown at the right would be scheduled as "1020A" and "1020B", related to the room where A and B are shown.
8



1
RESIDENTIAL
)
TATE ENGINEER'S
aximum
0 sq. ft.
s than 30 feet. iing, shading,
, etc.
ns shall be
100= 6 occupante
600= 6 occupants ccupant





per the specifications. 16. All existing slopes steeper than 4:1 that will receive fill shall be plowed and scarified so new fill will bond with existing surface. 17. All reinforced concrete pipe (RCP) shall be Class III unless noted on the drawings and shall conform to S.C.D.O.T. specifications.

18. All construction shall conform to the specifications of Aiken County and all applicable Federal and Local regulations. 19. This construction will comply with all applicable Federal, State and Local regulations regarding H/C

access including ANSI standards. 20. Power provided by SCE&G.

DISTURBED AREA +/-0.14 ACRES PROVIDE A TEMPORARY STONE SPLASH PAD AT ALL FIRE HYDRANTS OR OTHER POINTS OF DISCHARGE DURING TESTING ON THE WATER DISTRIBUTION SYSTEM. PROVIDE SILT FENCE AND/OR OTHER CONTROL

DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION.

ALL STONE PROVIDED FOR SEDIMENT AND EROSION CONTROL IS TO BE SIZED AND INSTALLED PER SCDOT SPECIFICATIONS (SECTION 800) LATEST EDITION. FILTER FABRIC IS TO BE NONWOVEN POLYESTER OR POLYPROPYLENE AND IS TO MEET ALL ASTM STANDARDS AND HAVE A MINIMUM THICKNESS OF 60 MILS. SITE IS COMPOSED OF FUQUAY SOIL.

1. If necessary, slopes, which exceed eight (8) vertical feet should be stabilized with synthetic or vegetative mats, in addition to hydroseeding. It may be necessary to install temporary slope drains during construction. Temporary berms may be needed until the slope is brought to grade.

2. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than fourteen (14) days after work has ceased, except as stated below. Ø Where stabilization by the 14th day is precluded by snow cover or frozen ground conditions stabilization measures must be initiated as soon as practicable. Ø Where construction activity on a portion of the Site is temporarily ceased, and earth-disturbing activities will be resumed within 14 days, temporary stabilization measures do not have to be initiated on that portion of the Site.

3. All sediment and erosion control devices shall be inspected every seven (7) days. If site inspections identify BMPs that are damaged or are not operating effectively, maintenance must be performed as soon as practical or as reasonably possible and before the next storm event whenever practicable.

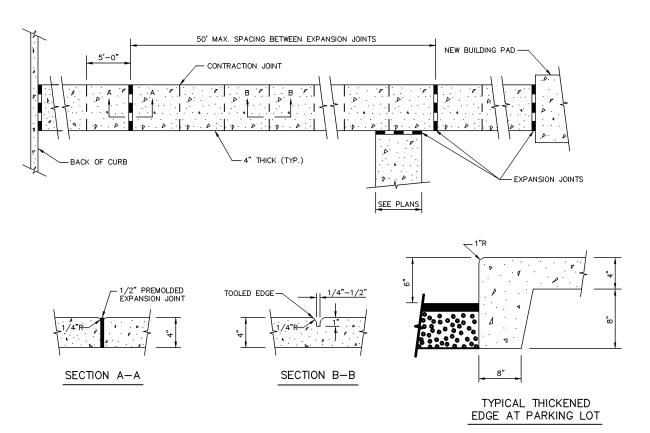
4. Provide silt fence and/or other control devices, as may be required, to control soil erosion during utility construction. All disturbed areas shall be cleaned, graded, and stabilized with grassing immediately after the utility installation. Fill, cover, and temporary seeding at the end of each day are recommended. If water is encountered while trenching, the water should be filtered to remove any sediments before being pumped back into any waters of the State.

5. All erosion control devices shall be properly maintained during all phases of construction until the completion of all construction activities and all disturbed areas have been stabilized. Additional control devices may be required during construction in order to control erosion and/or offsite sedimentation. All temporary control devices shall be removed once construction is complete and the site is stabilized.

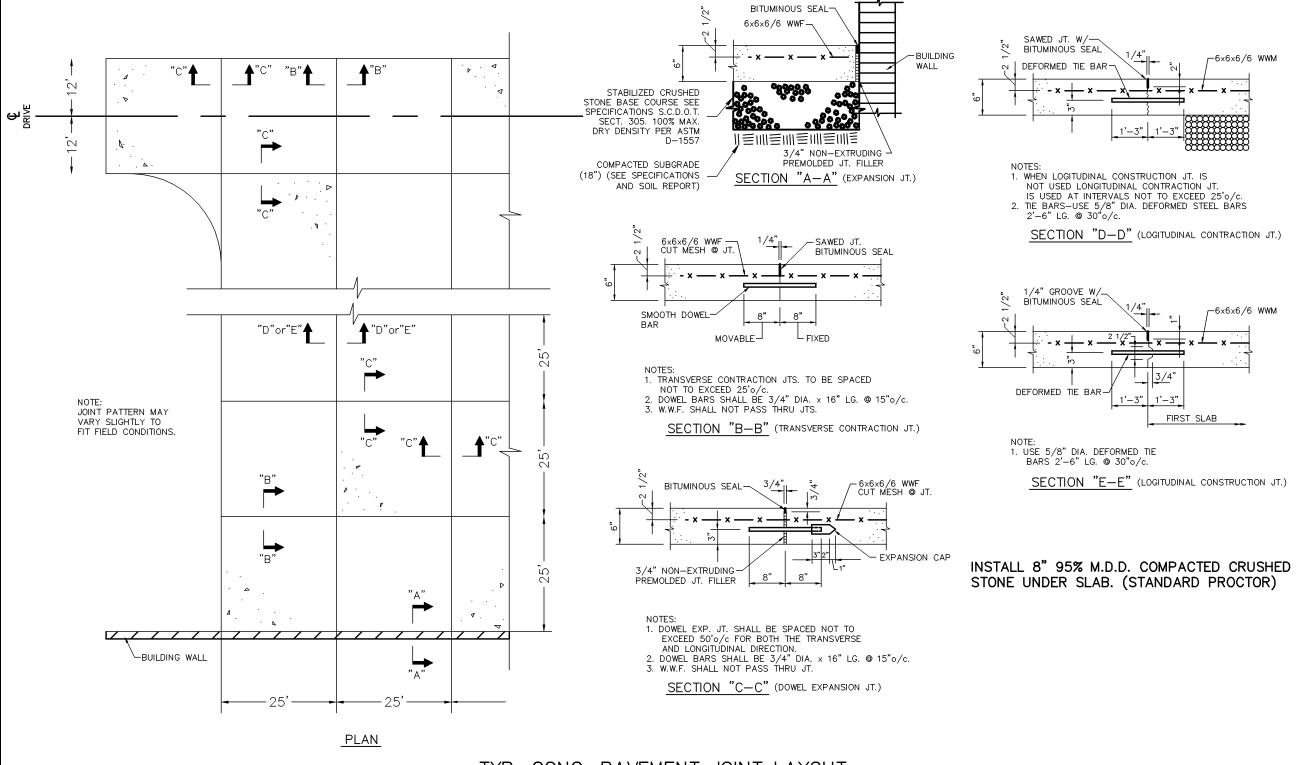
6. The contractor must take necessary action to minimize the tracking of mud onto paved roadway(s) from construction areas and the generation of dust. The contractor shall daily remove mud/soil from pavement, as may be required. Residential subdivisions require erosion control features for infrastructure as well as for individual lot construction. Individual property owners shall follow these plans during construction or obtain approval of an individual plan in accordance with S.C Reg. 72-300 et seq. and SCR100000.

8. Temporary diversion berms and/or ditches will be provided as needed during construction to protect work areas from upslope runoff and/or to divert sediment-laden water to appropriate traps or stable outlets.

9. All waters of the State (WoS), including wetlands, are to be flagged or otherwise clearly marked in the field. A double row of silt fence is to be installed in all areas where a 50-foot buffer can't be maintained between the disturbed area and all WoS. A 10-foot buffer should be maintained between the last row of silt fence and all WoS. 10. Litter, construction debris, oils, fuels, and building products with significant potential for impact (such as stockpiles of freshly treated lumber) and construction chemicals that could be exposed to storm water must be prevented from becoming a pollutant source in storm water discharges.



CONCRETE SIDEWALKS STANDARDS (N.T.S.)



TYP. CONC. PAVEMENT JOINT LAYOUT (N.T.S.)

## CONSTRUCTION SCHEDULE

Construction Start: January 2012 Final Stabilization: April 2012

- SCHEDULE OF WORK:
- 1. Receive NPDES coverage from DHEC
- Install construction entrance Clear & grub only as necessary to install perimeter controls . Install silt fence and any other perimeter controls
- . Rough grade the site . Install utilities
- 7. Install building, and pavement 8. Fine grading
- 9. Final grassing and permanent stabilization (mulch and fertilize per vegetative plan)
- 10. Remove temporary sediment & erosion control measures after entire area draining the the structure is finally stabilized (The Department recommends that the Project Owner/Operator have the SWPPP Preparer or registration equivalent approve the removal of temporary structures)

# Notes:

-6x6x6/6 WWM

-6x6x6/6 WW

FIRST SLAB

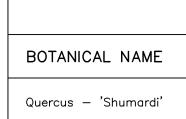
- A. Installation of some permanent water quality devices should occur after the site is Stabilized. Clean—out of other permanent water quality devices that were used during construction should occur after site stabilization B. The control of sediment shall be the responsibility of the contractor and/or his
- grading contractor. Total time for site development is contingent upon weatherand/or upon building construction. Therefore, the schedule shown is notcumulative but represents the total time involved for development of the site.

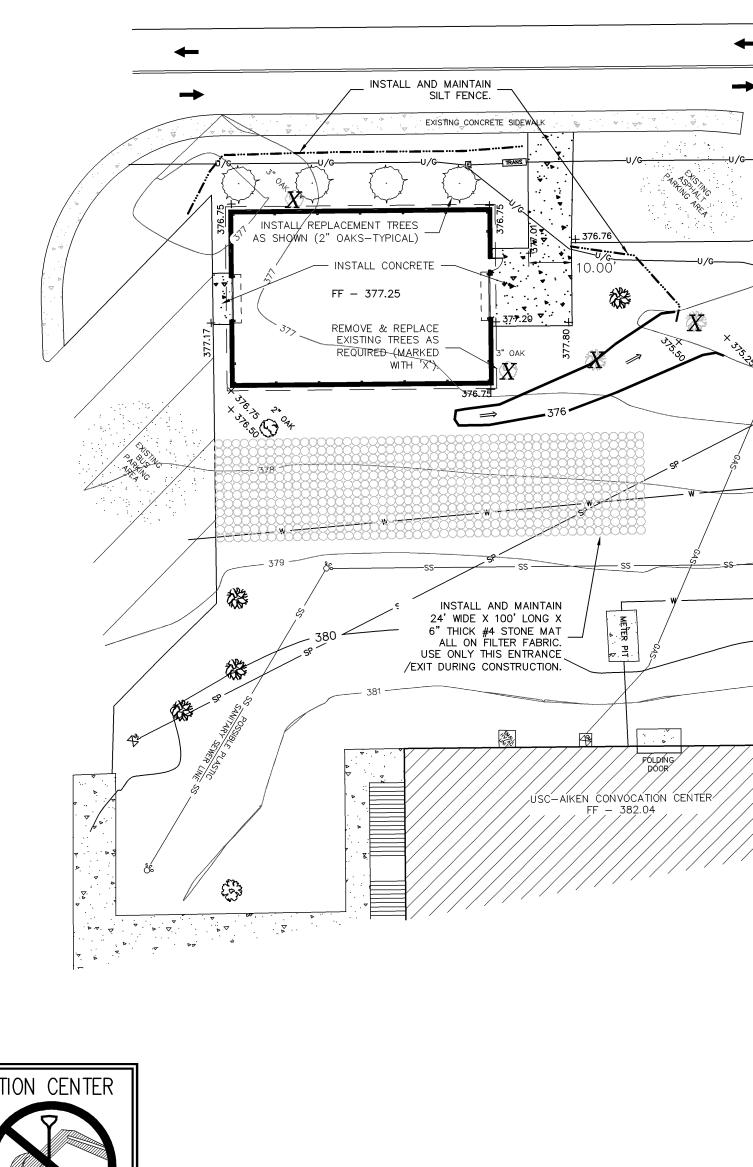
## VEGETATIVE PLAN All areas disturbed during construction shall be grassed according to the following specifications. DIANI 1

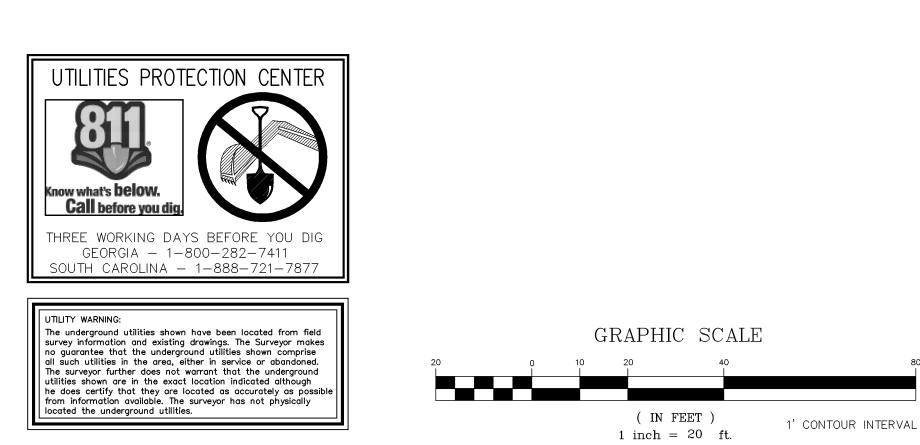
	PLAN 1	PLAN 2
Planting Dates	Mar. 15—Aug. 14	Aug. 15—Mar. 14
Lime	2.0 Tons/Ac	2.0 Tons/Ac
Fertilizer	10-10-10	10-10-10
	0.5 Tons/Ac	0.5 Tons/Ac
Temp. Cover	Browntop Millet	Rye Grass
	40 lbs/Ac	40 lbs/Ac
Perm. Cover	Common Bermuda	Unhulled Bermuda
	30 lbs/Ac	60 lbs/Ac
Mulch*	1.5 Tons/Ac	1.5 Tons/Ac

\* Must be anchored with a disk harrow to prevent blowing. Any variation from this plan must be approved by the local Soil Conservation Service Representative.



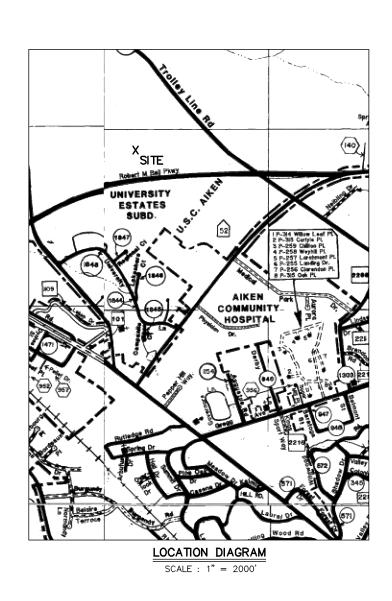


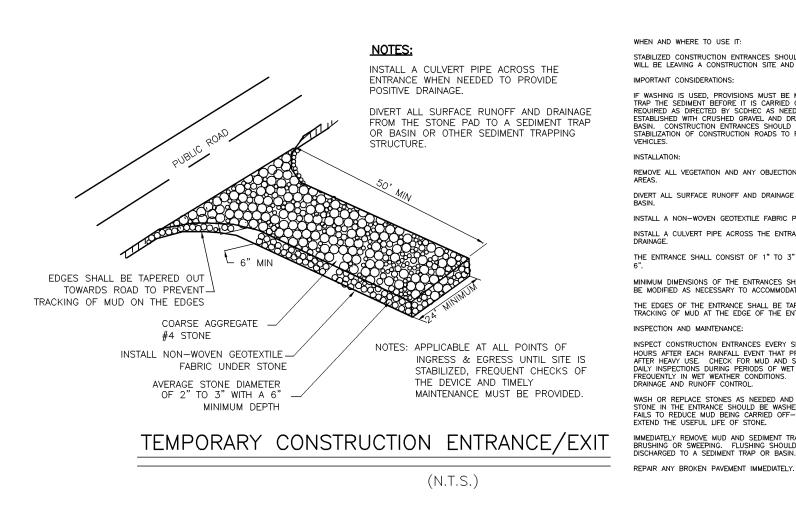




PLANT SCHEDULE					
COMMON NAME	KEY	SIZE	QUANTITY		
Shumard Oak	SHO	2" CAL./10-12 FT.	4		

NOTE: INSTALL 4" THICK PINE STRAW OF SHREDDED BARK MULCH IN ALL PLANTED AREAS AND AROUND ALL TREES. TREE SAVE AREAS ARE DEFINED AS AREAS OF DENSE VEGETATION CONTAINING SMALL TREES.



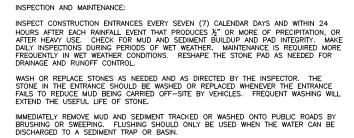


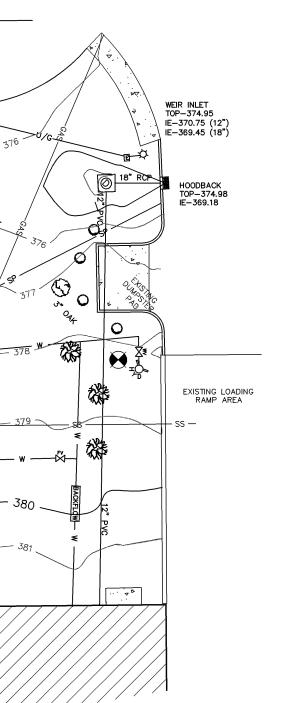


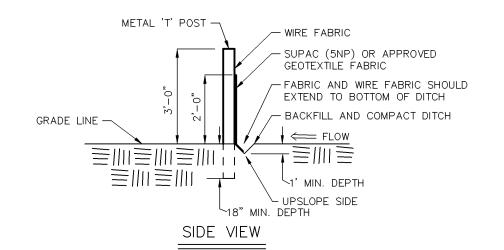
IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFFSITE. WASHDOWN FACILITIES SHALL BE REQUIRED AS DIRECTED BY SCOHEC AS NEEDED. WASHDOWN AREAS IN GENERAL MUST BE ESTABLISHED WITH CRUSHED GRAVEL AND DRAIN INTO A SEDIMENT TRAP OR SEDIMENT 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:

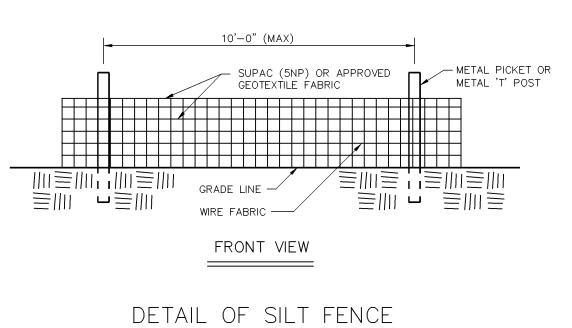
REMOVE ALL VEGETATION AND ANY OBJECTIONABLE MATERIAL FROM THE FOUNDATION DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM STONES TO A SEDIMENT TRAP OR INSTALL A NON-WOVEN GEOTEXTILE FABRIC PRIOR TO PLACING ANY STONE. INSTALL A CULVERT PIPE ACROSS THE ENTRANCE WHEN NEEDED TO PROVIDE POSITIVE

THE ENTRANCE SHALL CONSIST OF 1" TO 3" D50 STONE PLACED AT A MINIMUM DEPTH OF MINIMUM DIMENSIONS OF THE ENTRANCES SHALL BE 24' WIDE BY 100' 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.









(N.T.S.)

 INSTALL SILT FENCE BEFORE CONSTRUCTION IS BEGUN.
 CONSTRUCT SILT FENCE AS ABOVE OR USE PREFABRICATED SILT FENCE (METROMONT 24-100X) OR APPROVED EQUAL. 3. SEDIMENT TO BE REMOVED FROM SILT FENCE WHEN DEPTH IS ABOUT 0.5 FEET AT THE FENCE.





UTILITY NOTE

The underground utilities (except the location of existing storm drainage, sanitary sewer and irrigation utilities as well as underground storage tanks) were located by CSRA Utility Marking utilizing radio frequency technique. The technique is capable of locating metallic utilities and tracer wires. Any non-metallic utilities (without tracer wire) are not located. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in-service or abandoned. Underground utilities not observed or located utilizing this technique may exist on this site but not be shown, and may be found upon excavation. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although the surveyor does certify that they are located as accurately as possible form information available.

Information regarding material and size of utilities is based on records acquired from the utility owners and survey crew field

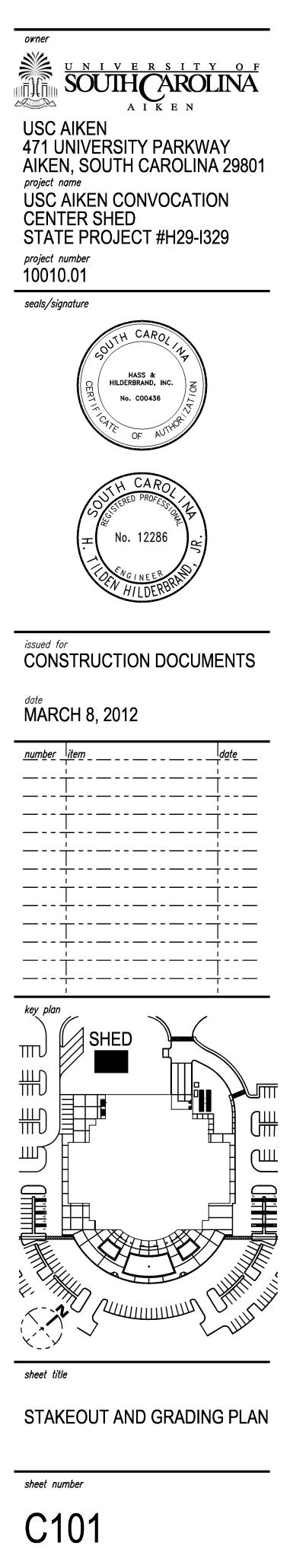


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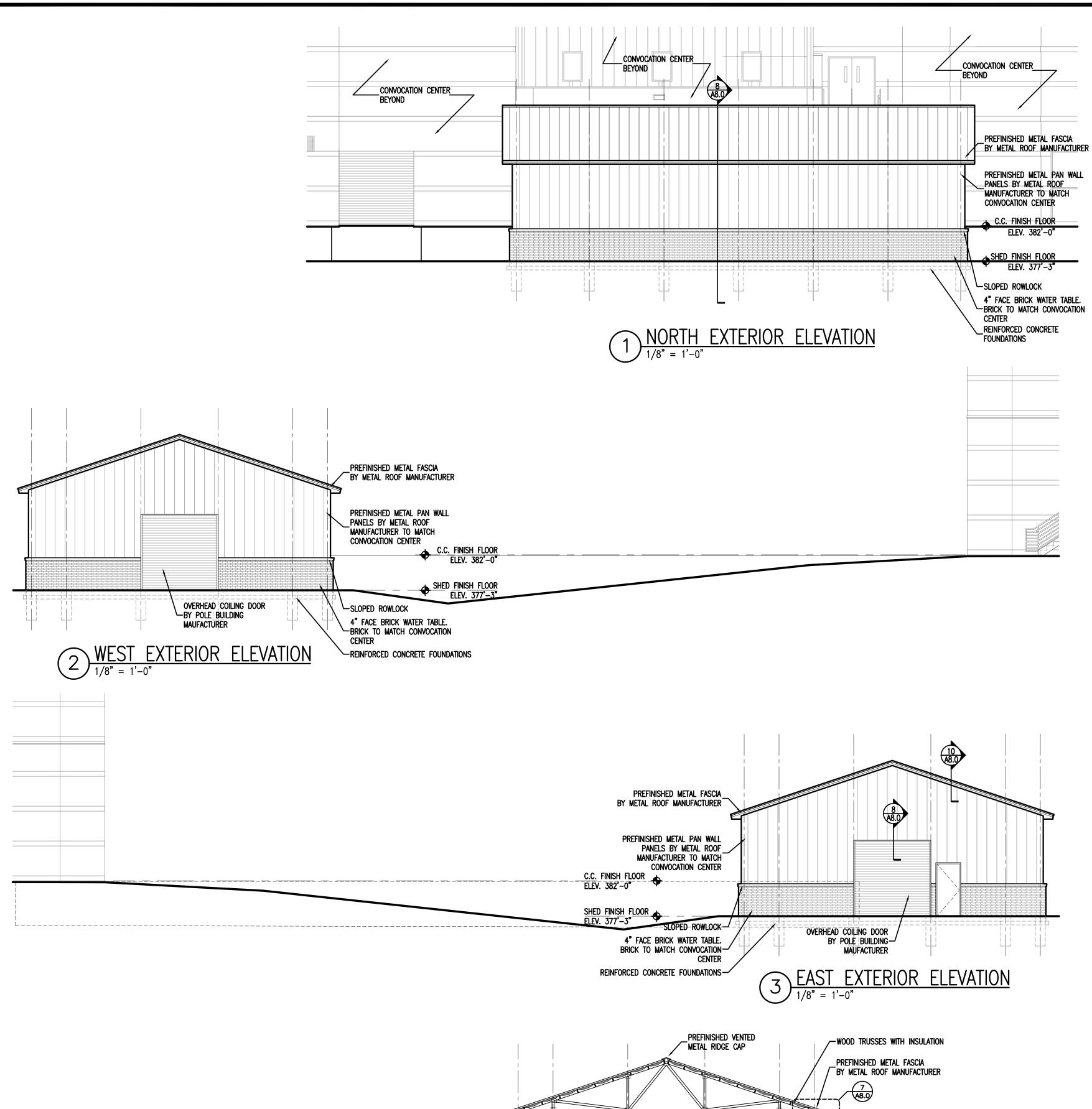
consultants

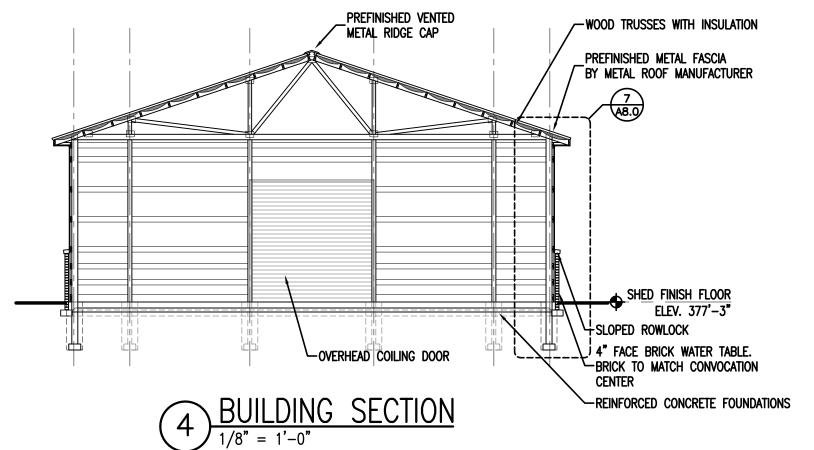
tel. 803-256-0000

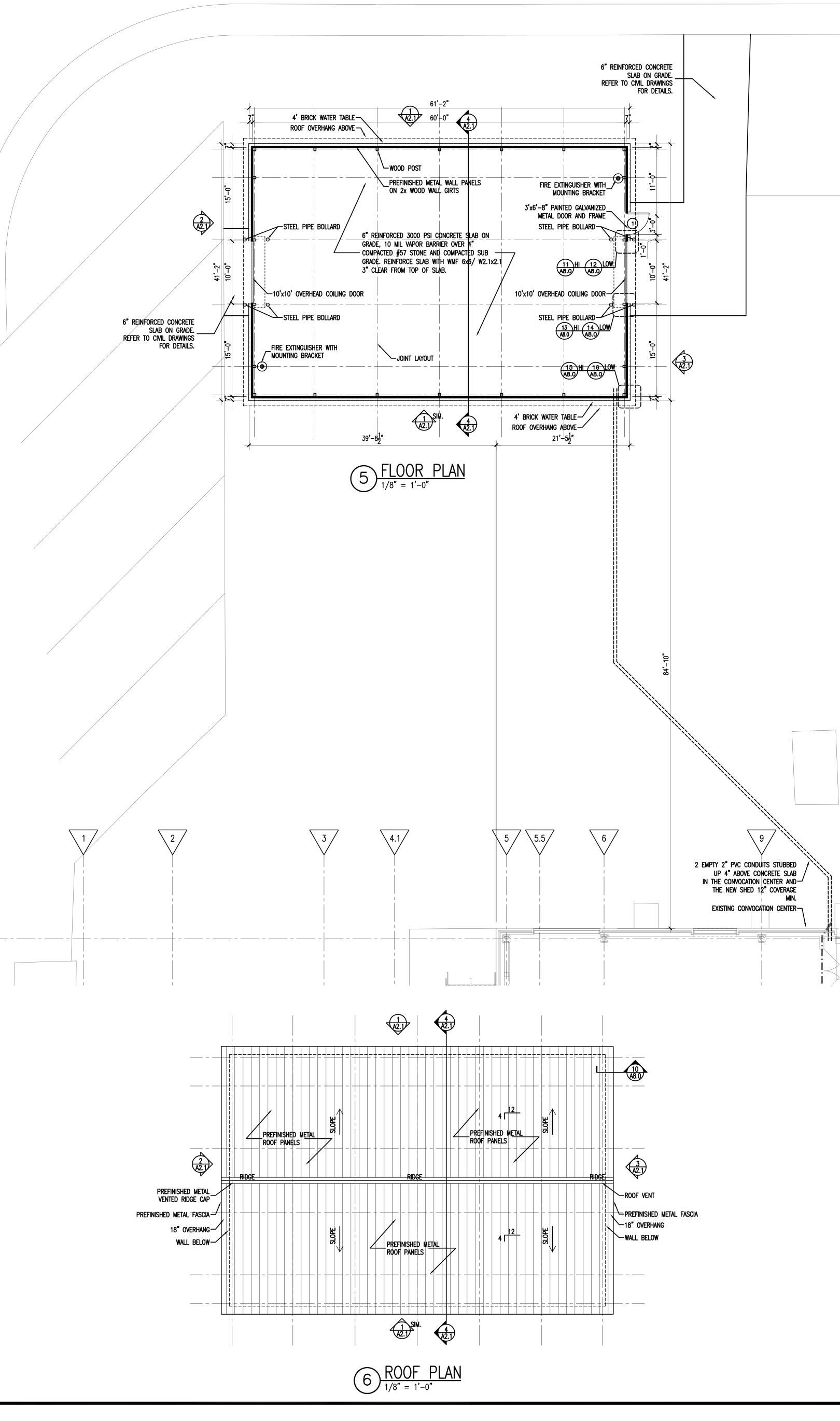
fax 803-255-7243

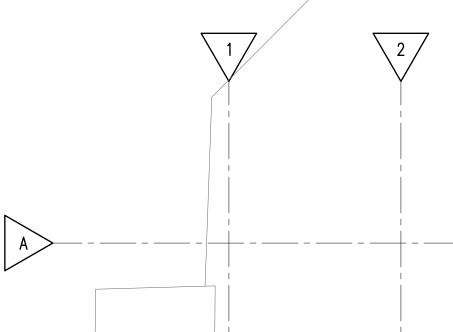


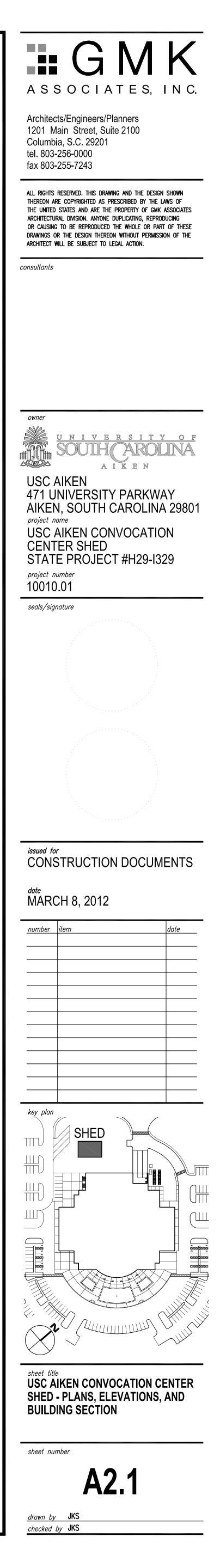
checked by HTH











# **GENERAL NOTES:**

CODES: INTERNATIONAL BUILDING CODE 2009 ACSE STANDARD SEI/ASCE 7-02 CONCRETE ACI 318 LATEST EDITION STEEL AISC & AISI LATEST EDITION WOOD ANSI/ NFoPA

# <u>loading:</u> Building type va

BUILDING CATEGORY BUILDING DEAD LOAD ACTUAL BUILDING WEIGHT WITH 4 PSF MISC. MECHANICAL AND ELECTRICAL DEAD LOAD IN ROOF ROOF LIVE LOAD 20 PSF REDUCED PER IBS SECTION 1607.11.2 20' ROOF TRUSS 20 PSF 30' ROOF TRUSS 20 PSF 40' ROOF TRUSS 20 PSF 50' ROOF TRUSS 20 PSF

### GROUND FLOOR LIVE LOAD 125 PSF MINIMUM FOR CONCRETE SLAB ON GRADE CONCRETE ON GRADE IF USED IS NOT REQUIRED NOR DESIGNED FOR USE AS A STRUCTURAL DIAPHRAGM.

GROUND SNOW LOAD Pg=10 PSF FLAT ROOF SNOW LOAD Pf=8 PSF SNOW EXPOSURE FACTOR CE=.9 TERRAIN CATEGORY B SNOW LOAD IMPORTANCE FACTOR Is=.8 THERMAL FACTOR Ct = 1.2 UNHEATED

BASIC WIND SPEED 3 SECOND GUST 100 MPH WIND EXPOSURE B WIND IMPORTANCE FACTOR Iw=.87 INTERNAL PRESSURE COEFFICIENT COEFFICIENT GCpi=±.18

SEISMIC IMPORTANCE FACTOR le=1 SEISMIC USE GROUP I MAPPED SPECTRAL RESPONSE ACCELERATIONS Ss=1.66 St=1.47 SEISMIC SITE CLASS E SPECTRAL RESPONSE COEFFICIENTS Sds=1.0 Sd1=.756 SEISMIC DESIGN CATEGORY D BASIC SEISMIC-FORCE-RESISTING SYSTEM T BUILDING FRAME SYSTEM LIGHT FRAMED WALL WITH SHEET STEEL SHEAR PANELS SEISMIC DESIGN BASE SHEAR SEISMIC RESPONSE COEFFICIENTS SEISMIC RESPONSE MODIFICATION FACTOR

FOUNDATIONS DESIGNED BASED ON AN ALLOWABLE SOLIL BEARING OF 2000 PSF FOUNDATIONS FOR BUILDINGS 60' AND LESS 16" DIA HOLE FILL WITH 2 80# BAGS OF QUICKCRETE WITH 12 20D RING SHANK NAILS 3 IN EACH SIDE OF POST AT BOTTOM FOUNDATIONS FOR END WALL POST SAME AS SIDE WALL POST.

### CONCRETE 3000 PSI @ 28 DAYS NORMAL WEIGHT CONCRETE REINFORCING STELL TO BE A615 GRADE 60 WELDED WIRE FABRIC ASTM 185

WOOD #2 SOUTHERN PINE PER SPIB UNLESS NOTED OTHERWISE WOOD TRUSS PER TRUSS DESIGN

POLES 12' EAVE AND LESS FOR 20, 24, AND 30' BUILDING 4x6 #2 SP POLES 14' EAVE AND LESS FOR ALL BUILDING 6x6 #2 SP

ROOF PURLINS 2x6 #2 SP @ 30" O.C. MAX WITH USP JP26D HANGARS EACH END WALL GIRTS 2x6 #2 SP @ 30" O.C. MAX NAIL WALL GIRTS TO POST WITH 2 20D RING SHANK NAILS EACH END

NAIL EAVE BEAM AND SKIRT BOARD TO POST WITH 4 20D RING SHANK NAILS EACH END

FRAMING NAILS 4" 20D RING SHANK

## STEEL ASTM A36 MIN. BOLTS ASTM A307 MIN.

Post to truss connection 6 20D ring shank nails and  $1\frac{3}{4}$ " dia. A307 thru bolt thru bolt to have truss predrilled thru metal gang nail plates on each side OF TRUSS METAL SIDING GRANDRIB 3 BY FABRAL 80,000 PSI MIN. 29 GAUGE

