

PHASE ONE - NEW CLASSROOM BUILDING (6th, 7th & 8th Grade)

RIDGE SPRING-MONETTA K thru 12 CAMPUS

Revisions	
No.	Date / Descr.

- If necessary, slopes, which exceed eight (8) vertical feet shall 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.
- 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 noted below.
 - Where stabilization by the 14th day is precluded by slope cover or frozen ground conditions stabilization measures must be initiated as soon as practicable.
 - Where construction activity on a temporary exposed, 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.
- 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 reasonably possible and before the next storm event whenever practicable.
- Provide silt fence and/or other control devices, as may be required, to control soil erosion during utility construction. All disturbed areas shall be seeded, 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.
- 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 silt sedimentation. All temporary control devices shall be removed once construction is complete and the site is stabilized.
- 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 only remove mud/silt 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 at sec. and SCR100000.
- Temporary diversion berms and/or ditches will be provided as needed during construction to protect work areas from upstream runoff and/or to divert sediment-load water to appropriate traps or stable outlets.
- All waters of the State (WQS), 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 WQS. A 10-foot buffer should be maintained between the last row of silt fence and all WQS.
- Litter, construction debris, site materials, 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.

CONSTRUCTION SCHEDULE

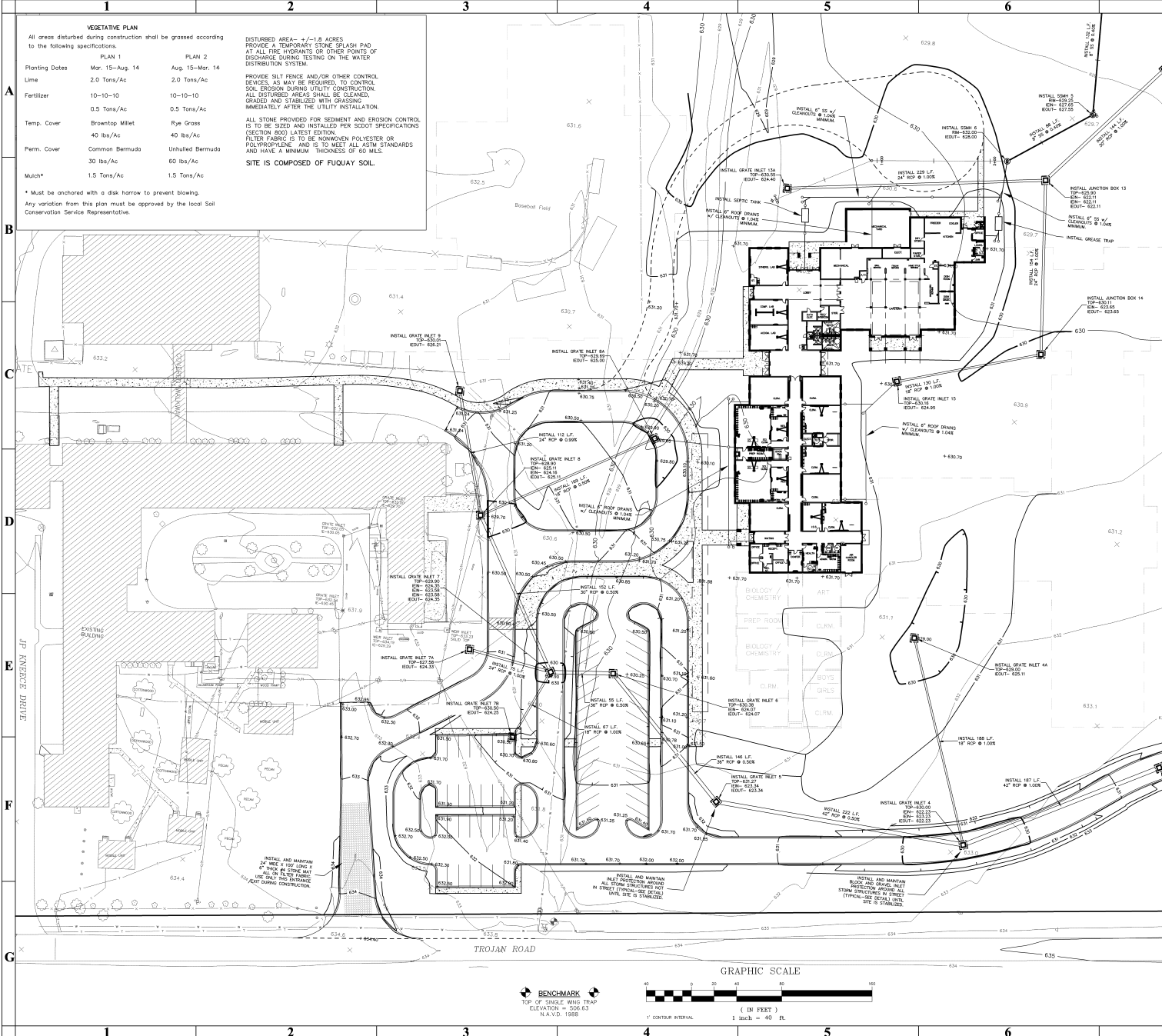
Construction Start: August 2012
Final Stabilization: September 2013

SCHEDULE OF WORK:

- Receive NPDES coverage from DHEC
- Install construction entrance
- Clear & grub only as necessary to install perimeter controls
- Install all fence and any other perimeter controls
- Clear & grub area for pond
- Install pond (outlet structures must be completely installed per the details before proceeding to next step; area draining to these structures cannot be disturbed until the structure is completely installed)
- Rough grade the site
- Install utilities
- Install building and pavement
- Final grading
- Final grading and permanent stabilization (mud and fertilizer per vegetative plan)
- Remove temporary sediment & erosion control measures after entire area draining the site is finally stabilized (The Department recommends that the Project Owner/Owner have the SWPPP prepared or registration equivalent approve the removal of temporary structures)

Notes:

- Installation of some permanent water quality devices should occur after the site is stabilized. Disposal of other permanent water quality devices that were used during construction should occur after site stabilization.
- The control of sediment shall be the responsibility of the contractor and/or his grading contractor. Total time for site development is contingent upon weather and/or upon building construction. Therefore, the schedule shown is noncumulative 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.

	PLAN 1	PLAN 2
Planting Dates	Mar. 15-Aug. 14	Aug. 15-Mar. 14
Line	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	Browtop 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

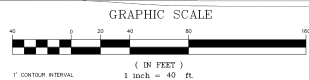
* Must be anchored with a disk harrow to prevent blowing.
Any variation from this plan must be approved by the local Soil Conservation Service Representative.

DISTURBED AREA—4/—1.8 ACRES
PROVIDE A TEMPORARY STONE SPLASH PAD AT ALL THE HYDRAULIC OR OTHER POINTS OF DISCHARGE DURING TESTING ON THE WATER DISTRIBUTION SYSTEM.

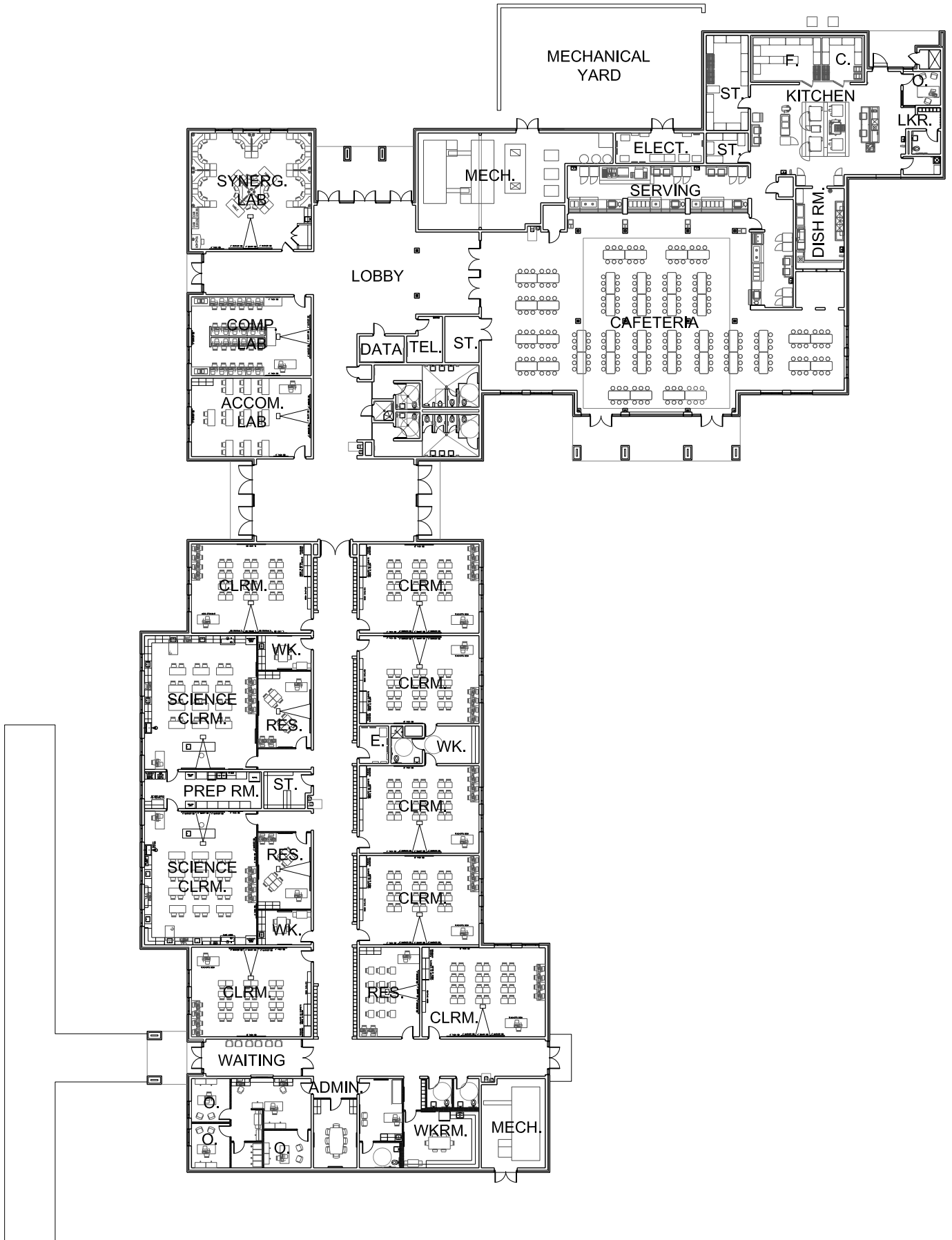
PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEARED, GRADED AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION.

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.

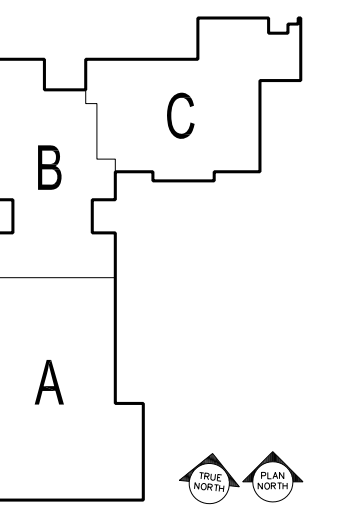
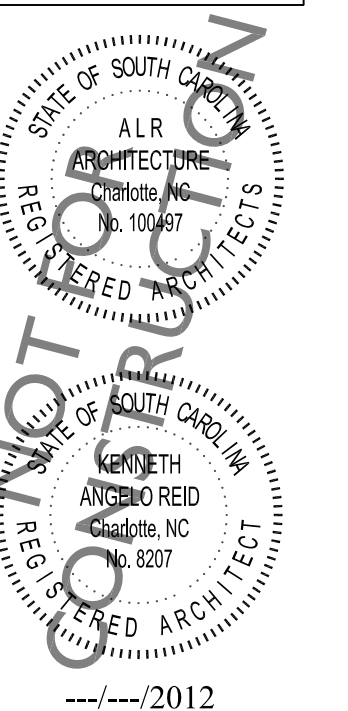
SITE IS COMPOSED OF FLOQUAY SOIL.



BENCHMARK
TOP OF SINGLE WIND TRAP
ELEVATION = 506.63
N.A. V.O. 1988



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KEY PLAN
NOT TO SCALE



RIDGE SPRING-MONETTA
HIGH SCHOOL / K-12 CAMPUS

**NEW CLASSROOM
BUILDING**

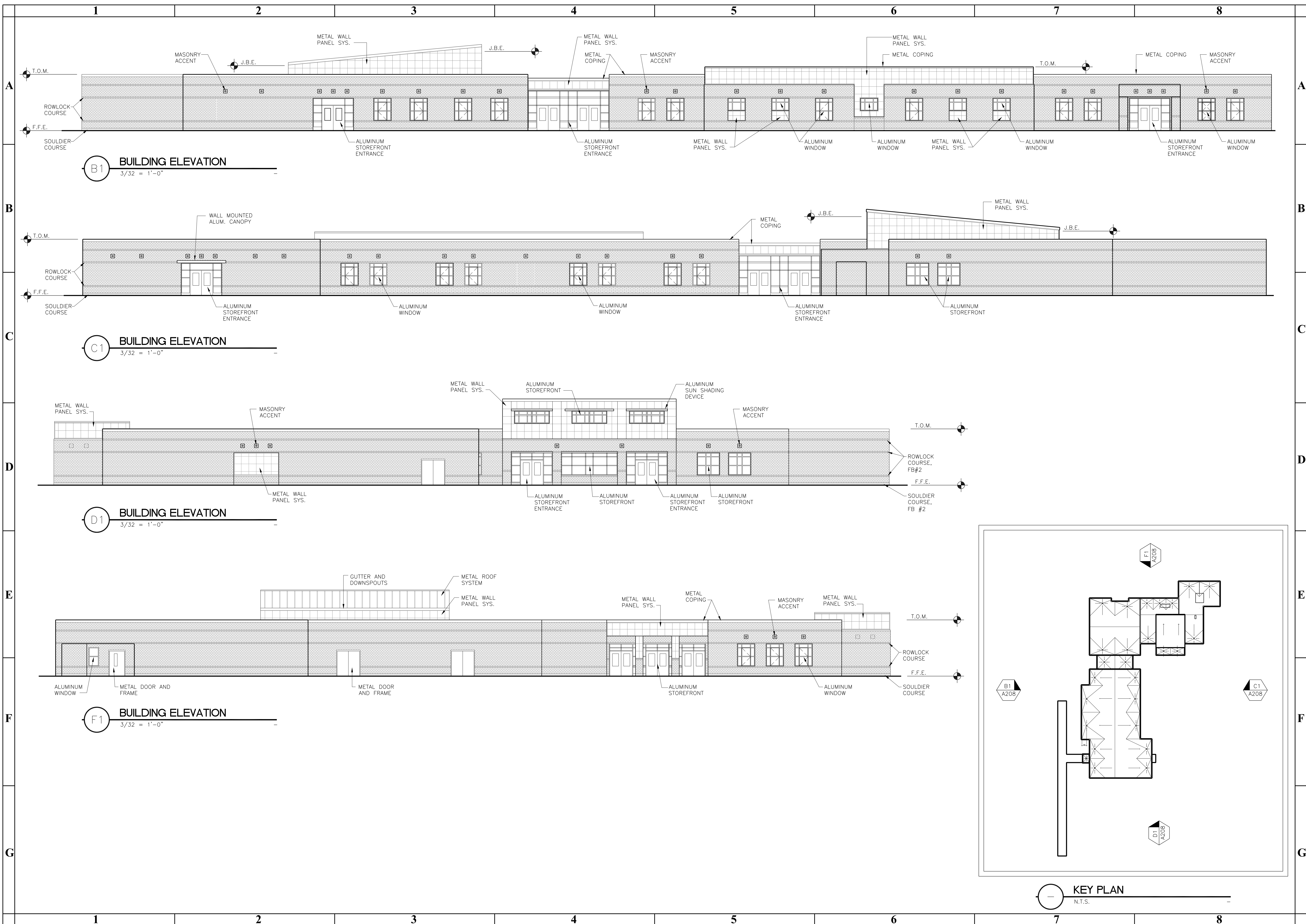
10 JP KNEECE DRIVE
MONETTA, SC

Revisions		
No.	Date	Descrip.

**BUILDING
ELEVATIONS**

SHEET TITLE:
A208
SHEET NUMBER:
PROJECT# **1120**
DATE: JUNE 15 2012

DESIGN DEVELOPMENT



B1
BUILDING ELEVATION
3/32" = 1'-0"

C1
BUILDING ELEVATION
3/32" = 1'-0"

D1
BUILDING ELEVATION
3/32" = 1'-0"

F1
BUILDING ELEVATION
3/32" = 1'-0"

KEY PLAN
N.T.S.