

ONE WOOD FARM -ROOF FOR HORSE WALKER PROJECT #CP00429238

1201 Syrup Mill Road Blythewood, South Carolina

GMK Project #15026.01 October 20, 2015 ISSUED FOR: CONSTRUCTION DOCUMENTS (FIELD CONSTRUCTION)

Prepared by:

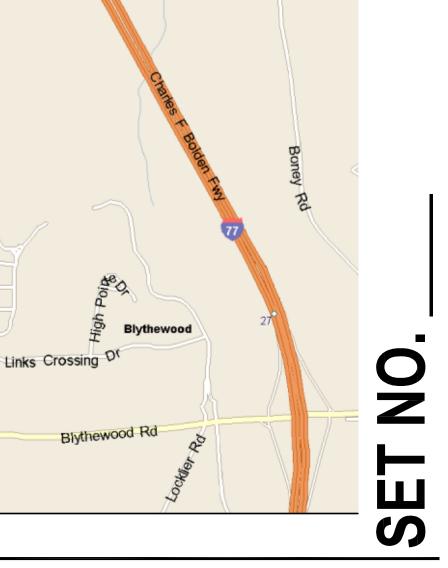
ASSOCIATES, INC.

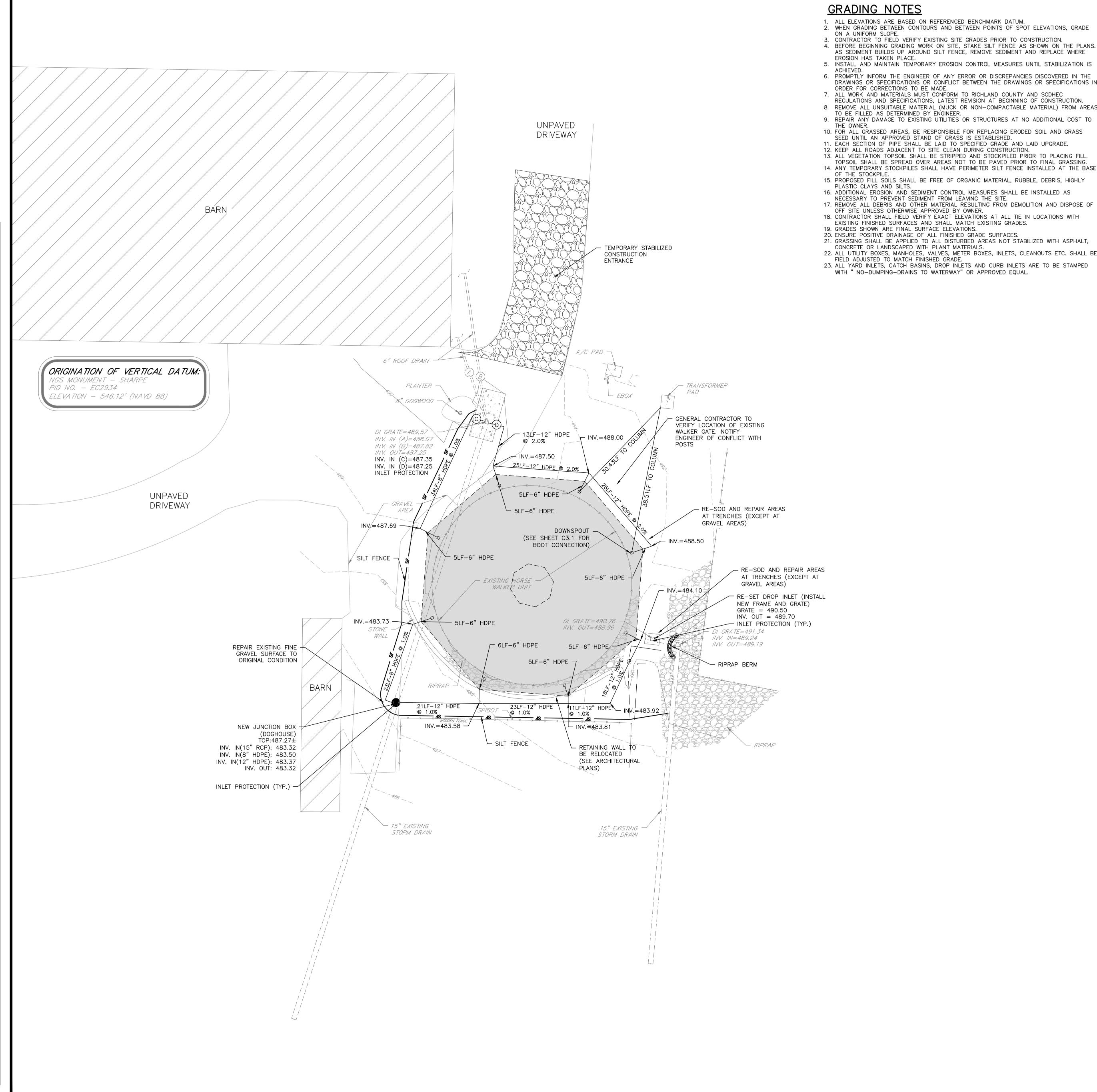
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		CIVIL
C-2.0 C-3.0 C-3.1	SITE LAYOUT, GRADING, AND DRAINAGE PLAN CONSTRUCTION DETAILS CONSTRUCTION DETAILS	
		STRUCTURAL
5-1.0	STRUCTURAL PLAN & DETAILS	JINUCIUNAL
5–1.1	SECTIONS & DETAILS	
		ARCHITECTURA
A2.0 A4.0 A4.1	FLOOR PLANS, ROOF PLAN, REFLECTED CEILING ELEVATION & ISOMETRIC VIEWS BUILDING SECTION DETAILS	PLANS,
		ELECTRICAL
E0.0	ELECTRICAL SYMBOLS, SCHEDULES & DETAILS	
		VICINITY MAP
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AS SEDIMENT BUILDS UP AROUND SILT FENCE, REMOVE SEDIMENT AND REPLACE WHERE 5. INSTALL AND MAINTAIN TEMPORARY EROSION CONTROL MEASURES UNTIL STABILIZATION IS 6. PROMPTLY INFORM THE ENGINEER OF ANY ERROR OR DISCREPANCIES DISCOVERED IN THE DRAWINGS OR SPECIFICATIONS OR CONFLICT BETWEEN THE DRAWINGS OR SPECIFICATIONS IN 7. ALL WORK AND MATERIALS MUST CONFORM TO RICHLAND COUNTY AND SCDHEC REGULATIONS AND SPECIFICATIONS, LATEST REVISION AT BEGINNING OF CONSTRUCTION. 8. REMOVE ALL UNSUITABLE MATERIAL (MUCK OR NON-COMPACTABLE MATERIAL) FROM AREAS 9. REPAIR ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES AT NO ADDITIONAL COST TO

10. FOR ALL GRASSED AREAS, BE RESPONSIBLE FOR REPLACING ERODED SOIL AND GRASS SEED UNTIL AN APPROVED STAND OF GRASS IS ESTABLISHED. 11. EACH SECTION OF PIPE SHALL BE LAID TO SPECIFIED GRADE AND LAID UPGRADE. 12. KEEP ALL ROADS ADJACENT TO SITE CLEAN DURING CONSTRUCTION. 13. ALL VEGETATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED PRIOR TO PLACING FILL. TOPSOIL SHALL BE SPREAD OVER AREAS NOT TO BE PAVED PRIOR TO FINAL GRASSING. 14. ANY TEMPORARY STOCKPILES SHALL HAVE PERIMETER SILT FENCE INSTALLED AT THE BASE

16. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AS NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE SITE. 17. REMOVE ALL DEBRIS AND OTHER MATERIAL RESULTING FROM DEMOLITION AND DISPOSE OF 18. CONTRACTOR SHALL FIELD VERIFY EXACT ELEVATIONS AT ALL TIE IN LOCATIONS WITH EXISTING FINISHED SURFACES AND SHALL MATCH EXISTING GRADES.

21. GRASSING SHALL BE APPLIED TO ALL DISTURBED AREAS NOT STABILIZED WITH ASPHALT, 22. ALL UTILITY BOXES, MANHOLES, VALVES, METER BOXES, INLETS, CLEANOUTS ETC. SHALL BE 23. ALL YARD INLETS, CATCH BASINS, DROP INLETS AND CURB INLETS ARE TO BE STAMPED

EROSION CONTROL NOTES:

1. IF NECESSARY, SLOPES, WHICH EXCEED (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.

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. WHERE STABILIZATION BY THE 14th DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.

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.

ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.

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 SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE (WoS).

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.

7. 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.

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.

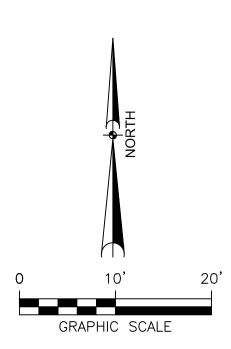
9. ALL WATERS OF THE STATE (WoS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WoS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW

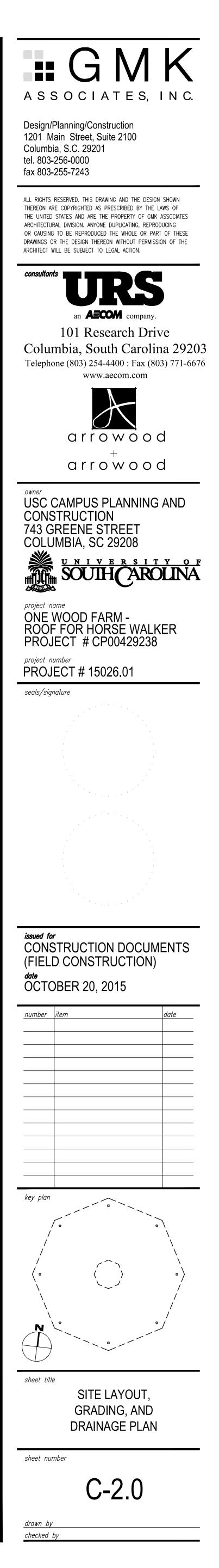
OF SILT FENCE AND ALL WoS. 10. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A

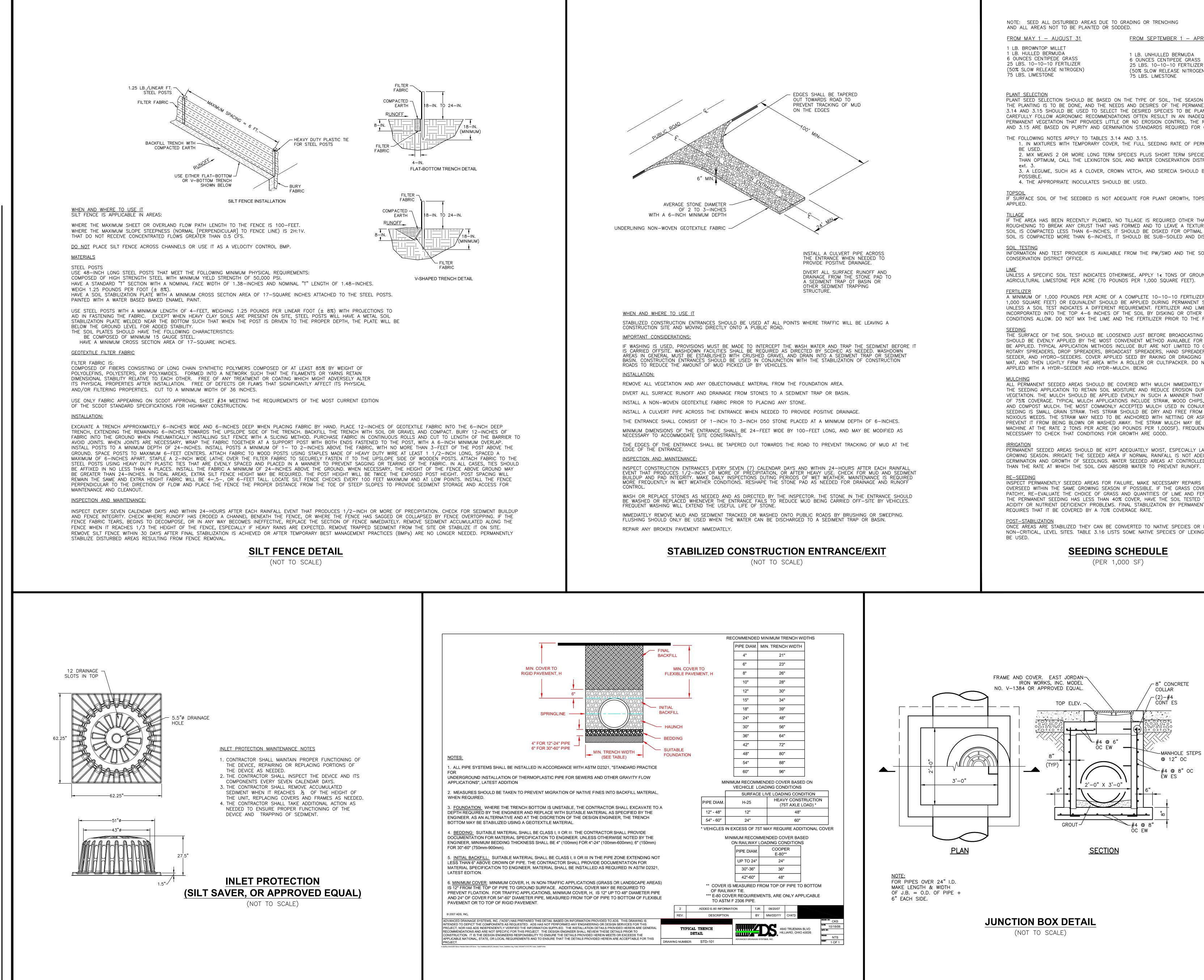
POLLUTANT SOURCE IN STORM WATER DISCHARGES. 11. A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.

NOTES:

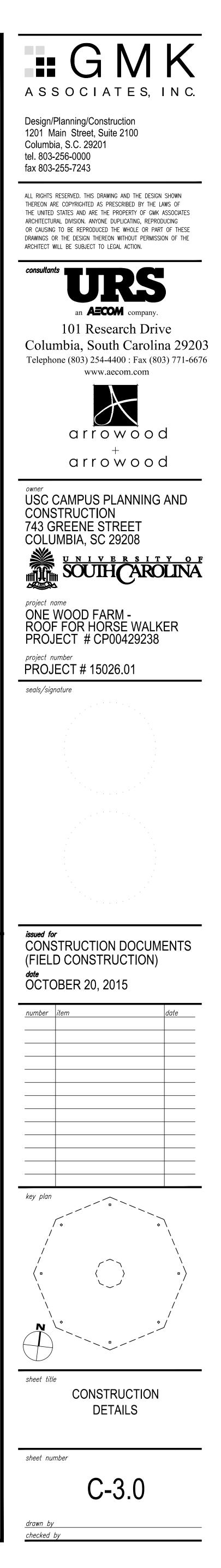
1. ALL HDPE TO BE SMOOTH WALL INTERIOR PIPE.



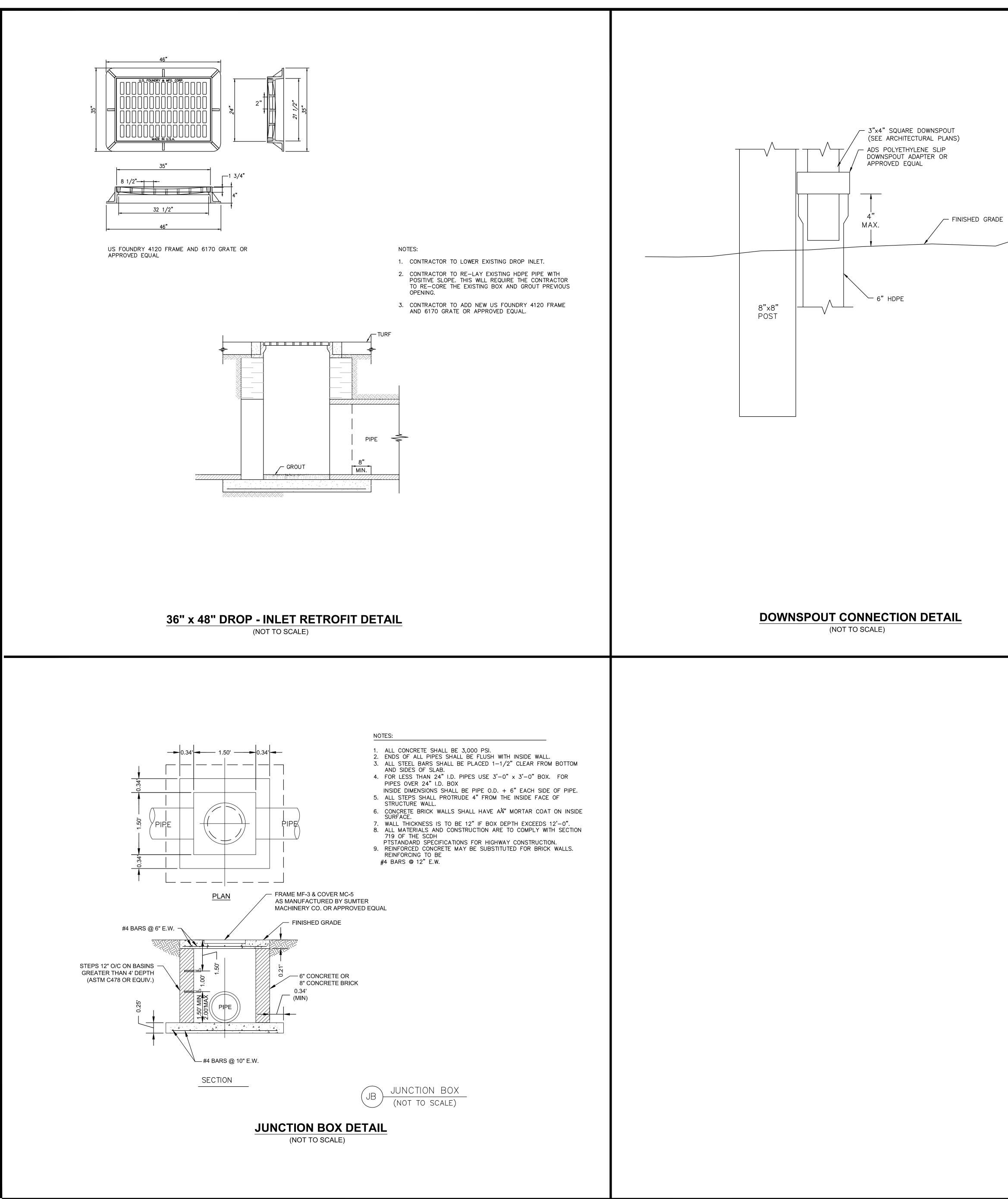


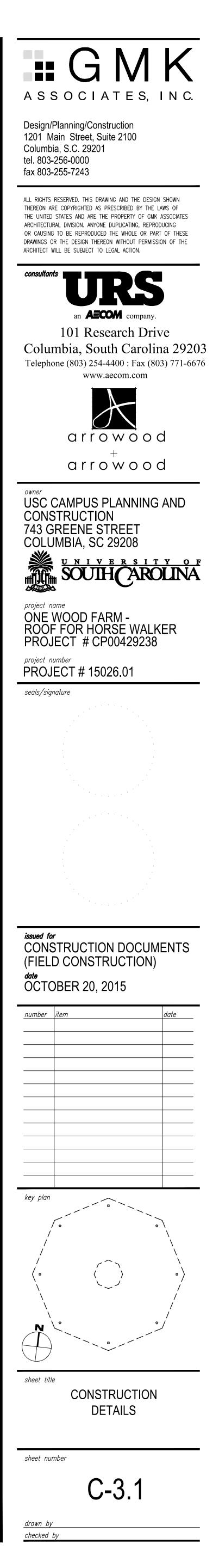


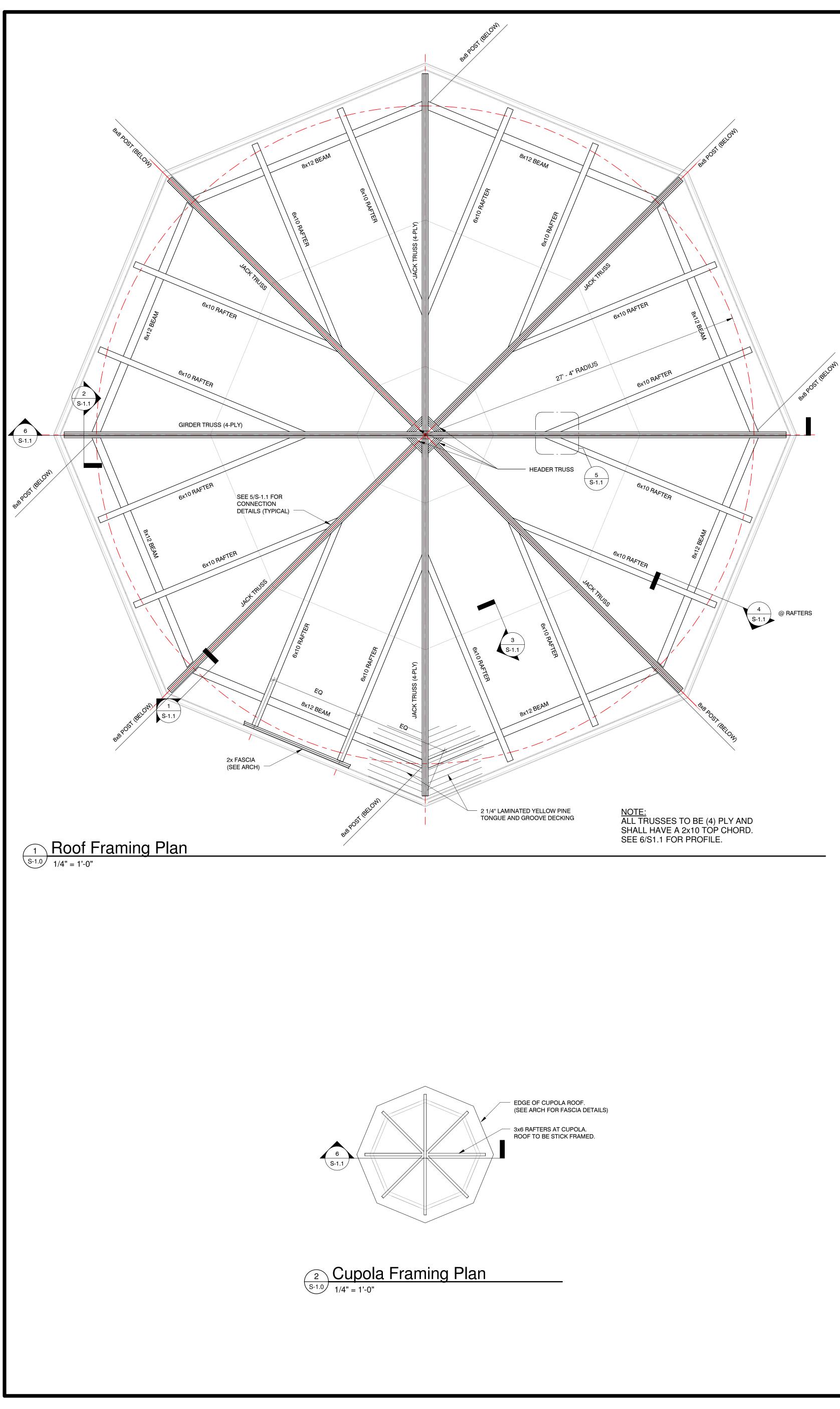
ANCE/EXIT		G SCHEDULE R 1,000 SF)
MENT TRAP OR BASIN.		BE CONVERTED TO NATIVE SPECIES OR FOR ESTABLISHING ON LISTS SOME NATIVE SPECIES OF LEXINGTON COUNTY THAT CAN
ARRIED OFF-SITE BY VEHICLES. BY BRUSHING OR SWEEPING.		AN 40% COVER, HAVE THE SOIL TESTED TO DETERMINE ANY .EMS. FINAL STABILIZATION BY PERMANENT SEEDING OF THE SITE D% COVERAGE RATE.
THER. MAINTENANCE IS REQUIRED ED FOR DRAINAGE AND RUNOFF TONE IN THE ENTRANCE SHOULD	OVERSEED WITHIN THE SAME GROWING S PATCHY, RE-EVALUATE THE CHOICE OF	OR FAILURE, MAKE NECESSARY REPAIRS AND RE-SEED OR EASON IF POSSIBLE. IF THE GRASS COVER IS SPARSE OR GRASS AND QUANTITIES OF LIME AND FERTILIZER APPLIED. IF
4–HOURS AFTER EACH RAINFALL . CHECK FOR MUD AND SEDIMENT	PERMANENT SEEDED AREAS SHOULD BE GROWING SEASON. IRRIGATE THE SEEDED GERMINATION AND GROWTH OF SEEDLING THAN THE RATE AT WHICH THE SOIL CA	KEPT ADEQUATELY MOIST, ESPECIALLY LATE IN THE SPECIFIC AREA IF NORMAL RAINFALL IS NOT ADEQUATE FOR THE S. WATER SEEDED AREAS AT CONTROLLED RATES THAT ARE LES N ABSORB WATER TO PREVENT RUNOFF.
G, AND MAY BE MODIFIED AS	MACHINE AT THE RATE 2 TONS PER ACHINE CESSARY TO CHECK THAT CONDITIONS	
DRAINAGE. IMUM DEPTH OF 6-INCHES.	SEEDING IS SMALL GRAIN STRAW. THIS S NOXIOUS WEEDS. THE STRAW MAY NEED PREVENT IT FROM BEING BLOWN OR WAS	ONLY ACCEPTED MULCH USED IN CONJUNCTION WITH PERMANEN STRAW SHOULD BE DRY AND FREE FROM MOLD DAMAGE AND TO BE ANCHORED WITH NETTING OR ASPHALT EMULSIONS TO SHED AWAY. THE STRAW MULCH MAY BE APPLIED BY HAND OR RE (90 POUNDS PER 1,000SF). FREQUENT INSPECTIONS ARE
REA. BASIN.	THE SEEDING APPLICATION TO RETAIN SO VEGETATION. THE MULCH SHOULD BE AP OF 75% COVERAGE. TYPICAL MULCH APP	BE COVERED WITH MULCH IMMEDIATELY UPON COMPLETION OF DIL MOISTURE AND REDUCE EROSION DURING ESTABLISHMENT OF PLIED EVENLY IN SUCH A MANNER THAT IT PROVIDES A MINIMU PLICATIONS INCLUDE STRAW, WOOD CHIPS, BARK, WOOD FIBER, ONLY ACCEPTED MULCH USED IN CONJUNCTION WITH PERMANEN
ND TRAP THE SEDIMENT BEFORE IT DHEC AS NEEDED. WASHDOWN SEDIMENT TRAP OR SEDIMENT ILIZATION OF CONSTRUCTION	THE SURFACE OF THE SOIL SHOULD BE SHOULD BE EVENLY APPLIED BY THE MO BE APPLIED. TYPICAL APPLICATION METHO ROTARY SPREADERS, DROP SPREADERS, SEEDER, AND HYDRO-SEEDERS. COVER	LOOSENED JUST BEFORE BROADCASTING THE SEED. SEED OST CONVENIENT METHOD AVAILABLE FOR THE TYPE OF SEED TO DDS INCLUDE BUT ARE NOT LIMITED TO CYCLONE SEEDERS, BROADCAST SPREADERS, HAND SPREADERS, CULTIPACKER APPLIED SEED BY RAKING OR DRAGGING A CHAIN OR BRUSH WITH A ROLLER OR CULTIPACKER. DO NOT ROLL SEED THAT IS DR-MULCH. BEING
FIC WILL BE LEAVING A	A MINIMUM OF 1,000 POUNDS PER ACR 1,000 SQUARE FEET) OR EQUIVALENT SH UNLESS A SOIL TEST INDICATES A DIFFE INCORPORATED INTO THE TOP 4–6 INCH	E OF A COMPLETE 10–10–10 FERTILIZER (23 POUNDS PER HOULD BE APPLIED DURING PERMANENT SEEDING OF GRASSES RENT REQUIREMENT. FERTILIZER AND LIME (IF USED) SHOULD BI ES OF THE SOIL BY DISKING OR OTHER MEANS WHERE ME AND THE FERTILIZER PRIOR TO THE FIELD APPLICATION.
SURFACE RUNOFF AND ROM THE STONE PAD TO TRAP OT BASIN OR MENT TRAPPING		S OTHERWISE, APPLY 1« TONS OF GROUND COURSE TEXTURED D POUNDS PER 1,000 SQUARE FEET).
ULVERT PIPE ACROSS CE WHEN NEEDED TO SITIVE DRAINAGE.		AILABLE FROM THE PW/SWD AND THE SOIL AND WATER
	ROUGHENING TO BREAK ANY CRUST THA SOIL IS COMPACTED LESS THAN 6-INCH	YED, NO TILLAGE IS REQUIRED OTHER THAN RAKING OR SURFACE T HAS FORMED AND TO LEAVE A TEXTURED SURFACE. IF THE ES, IT SHOULD BE DISKED FOR OPTIMAL GERMINATION. IF THE HES, IT SHOULD BE SUB—SOILED AND DISKED.
	APPLIED.	IOT ADEQUATE FOR PLANT GROWTH, TOPSOIL SHOULD BE
	3. A LEGUME, SUCH AS A CLOVER, POSSIBLE. 4. THE APPROPRIATE INOCULATES S	CROWN VETCH, AND SERECIA SHOULD BE USED WHERE IT IS
	BE USED. 2. MIX MEANS 2 OR MORE LONG T	ERM SPECIES PLUS SHORT TERM SPECIES. FOR DATES OTHER ON SOIL AND WATER CONSERVATION DISTRICT, (803) 359–3165
	PERMANENT VEGETATION THAT PROVIDES AND 3.15 ARE BASED ON PURITY AND C THE FOLLOWING NOTES APPLY TO TABLE	IENDATIONS OFTEN RESULT IN AN INADEQUATE STAND OF LITTLE OR NO EROSION CONTROL. THE RATES IN TABLES 3.14 GERMINATION STANDARDS REQUIRED FOR CERTIFICATION. S 3.14 AND 3.15. COVER, THE FULL SEEDING RATE OF PERMANENT COVER SHALL
E TAPERED OAD TO NG OF MUD	THE PLANTING IS TO BE DONE, AND THE 3.14 AND 3.15 SHOULD BE USED TO SI	ED ON THE TYPE OF SOIL, THE SEASON OF THE YEAR IN WHIC E NEEDS AND DESIRES OF THE PERMANENT LAND USER. TABLES ELECT THE DESIRED SPECIES TO BE PLANTED. FAILURE TO
	25 LBS. 10–10–10 FERTILIZER (50% SLOW RELEASE NITROGEN) 75 LBS. LIMESTONE	6 OUNCES CENTIPEDE GRASS 25 LBS. 10–10–10 FERTILIZER (50% SLOW RELEASE NITROGEN) 75 LBS. LIMESTONE
	<u>FROM MAY 1 – AUGUST 31</u> 1 LB. BROWNTOP MILLET 1 LB. HULLED BERMUDA 6 OUNCES CENTIPEDE GRASS	FROM SEPTEMBER 1 – APRIL 30 1 LB. UNHULLED BERMUDA
	AND ALL AREAS NOT TO BE PLANTED O	











01000 GENERAL

03000 FOUNDATIONS:

The Contractor shall notify the Structural Engineer of Record (EOR) of any below grade structure which may affect the foundation performance.
 Foundations shall bear on residual soils or engineered fill capable of supporting an allowable pressure of 3000 psf. Refer to soils report by GS2 Engineering dated July 28, 2015. Soils shall be stable, and any expansive, compressible, or shifting material shall be removed to ensure a stable moisture content.

03300 CAST-IN-PLACE CONCRETE:

1. All concrete work and materials shall be in accordance with ACI 318 2008 and ACI 301.

- 2. Minimum Material Specifications: a. See Project Manual
- 3. Foundations:
- 4. Reinforcing Steel:

05120 STRUCTURAL STEEL:

1. Design, fabrication and erection of all structural steel shall be in accordance with the AISC Manual of Steel Construction, ASD,

b.

- Fourteeth Edition. 2. Minimum material specifications:
 - a. Plates: Angles:
 - Threaded Rods: C.
- 3. Product Submittals: 4. All steel to be Hot-Dip Galvanized.
- 06100 ROUGH CARPENTRY
- 4. ROOF CONSTRUCTION

061323 HEAVY TIMBER CONSTRUCTION

a. See Project Manual for Specifications.

<u>Building Code</u> 2012 International	Building Co	ode	
Building Use Agricultural Facility	/		
Risk Category I			
Vertical Loads			
Roof Dead Loads Metal Roofi Wood Deck Wood Fram	ing		2 psf 7 psf 4 psf
Live Loads at Roo Occupancy Live Load m		ced.	20 psf
Snow Loads Ground Sno Importance Rain on Sno	Factor	ge	10 psf 1.1 5 psf
LATERAL LOADS			
Wind Loads Velocity (Ul Exposure Open Buildi Internal Pre	ng	igth Design) icient	120 MPH B 0.0
<i>Component</i> Roof	s and Clado	ding	
Zone 1 Zone 2 Zone 3	10sf 100sf 10 sf 100sf 10sf 100sf	+21psf +21psf +32 psf +32psf +41psf +32psf	-21psf -21psf -32psf -32psf -45psf -32psf
Seismic Loads Importance Ss, Short Te S1, 1 secon Site Class (Design Cate Sds Sd1	erm Spectra d Spectral I Assumed)	Il Response Response	1.0 39.1% g 13.7% g D D 38.8% g 20.5% g

This notes sheet is meant to supplement the Project Manual. In the event of discrepancy please contact Arrowood & Arrowood, PC.

 The structure reflected on the drawings is structurally sound in its completed condition only. The design of any and all temporary shoring and bracing prior to the completed condition shall be the contractor's responsibility. The Structural Engineer of Record (EOR) shall not be responsible for the means, methods, techniques, sequences, procedures nor safety programs which are empolyed by the contractor to build the completed structure. Any deviations from the completed structure represented in the drawings must be submitted to the EOR for approval in writing.
 The Contractor shall verify all conditions including exsisting structures (above and below grade) and shall notify of the EOR of any discrepancies. The Contractor shall perference of the perference of the structure of the expension of the text of the structure of the text of text of the text of te Contractor shall perform all required field measurements. 3. The Sections and Details shown shall be considered to be typical for all similar conditions. The Contractor shall submit written Requests for Information for areas in question.

d. No water may be added at the site without consent of the engineer. Any water to be

held back at the plant and added at the site is to be noted on the batch tickets.

a. Foundations shall have a 28 day compressive strength of 3000 psi.

a. All detailing, fabrication, and placing shall be in accordance with ACI 315. b. Reinforcing steel shall be new billet bars conforming to ASTM A615, grade 60. c. Provide 3" concrete cover for all concrete cast against earth.

ASTM A36 ASTM A36 ASTM A307 Grade 36

a. Typical shop fabrication and field erection drawings.

1. Structural framing lumber shall conform to the minimum material properties listed in the National Design Specification for Wood Construction (2001)

for the sizes, species, and grades listed on the drawings. 2. Bolts shall conform to ASTM A307. Steel connection plates shall conform to ASTM A36.

3. Nail shank sizes and lengths are as specified for the penny weights on the drawings:
 a. 6d
 0.113" diameter, 2" long

b. 8d 0.131" diameter, 2.5" long

c. 10d 0.148" diameter, 3" long

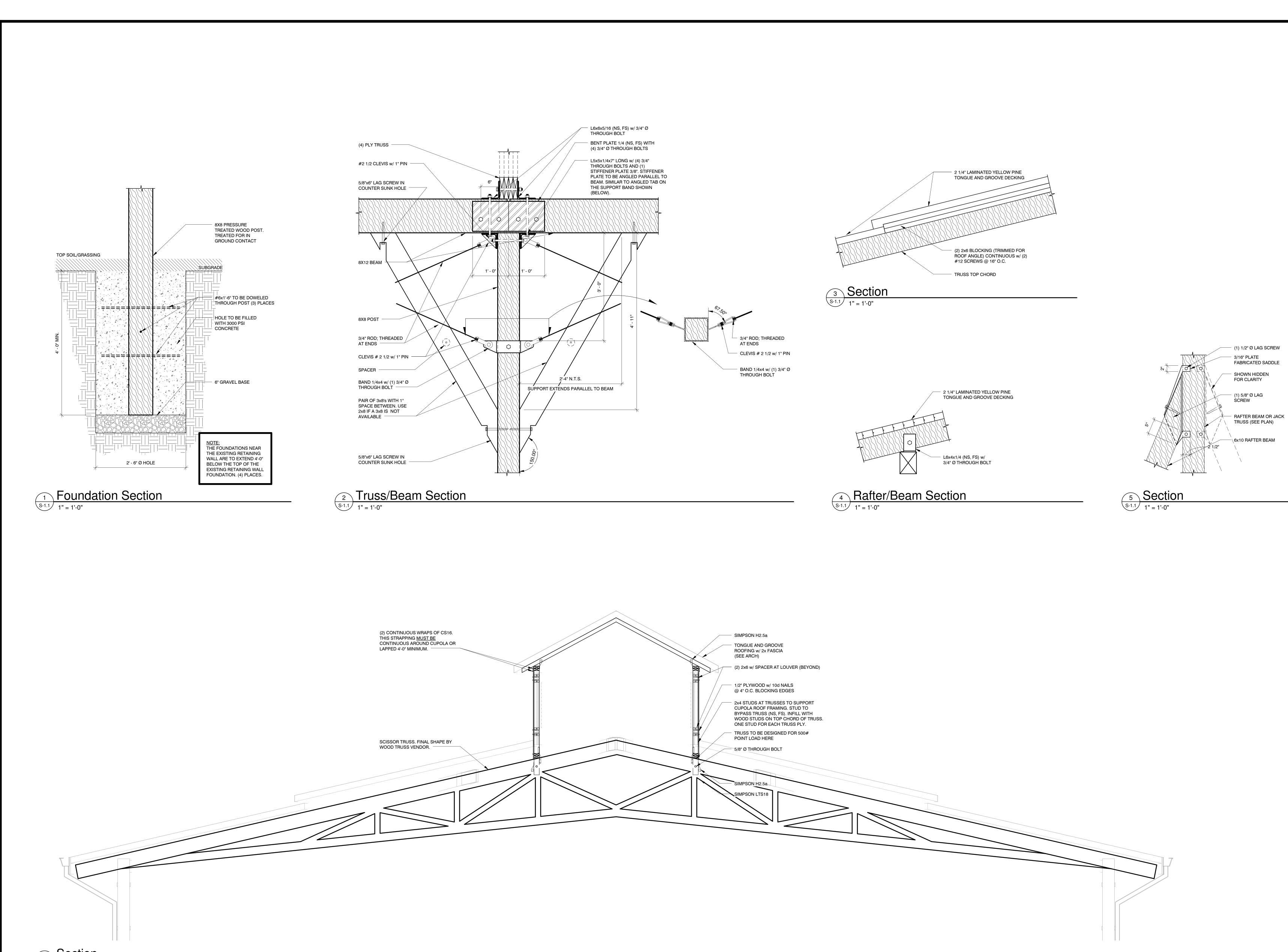
d. 16d 0162" diameter, 3.5" long

a. Roof to be 2 1/4" laminated yellow pine tongue and groove decking. See Project Manual for Specifications. b. Rafters to be Douglas Fir or Southern Pine. See Project Manual for Specifications.

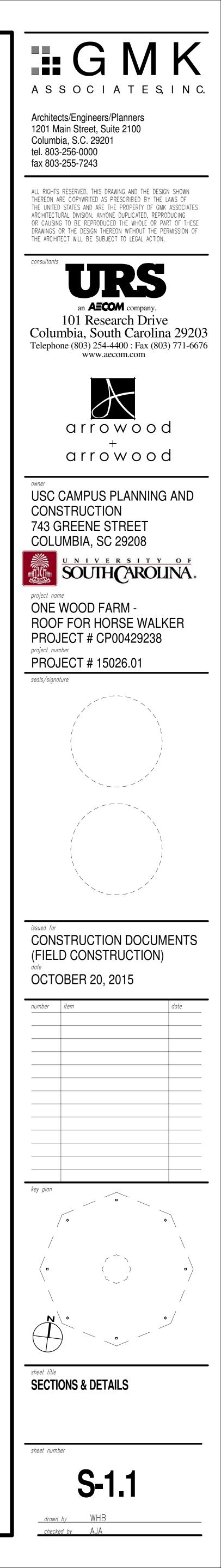
c. Provide blocking trimmed to fit tight between rafters or between trusses at all ridges.

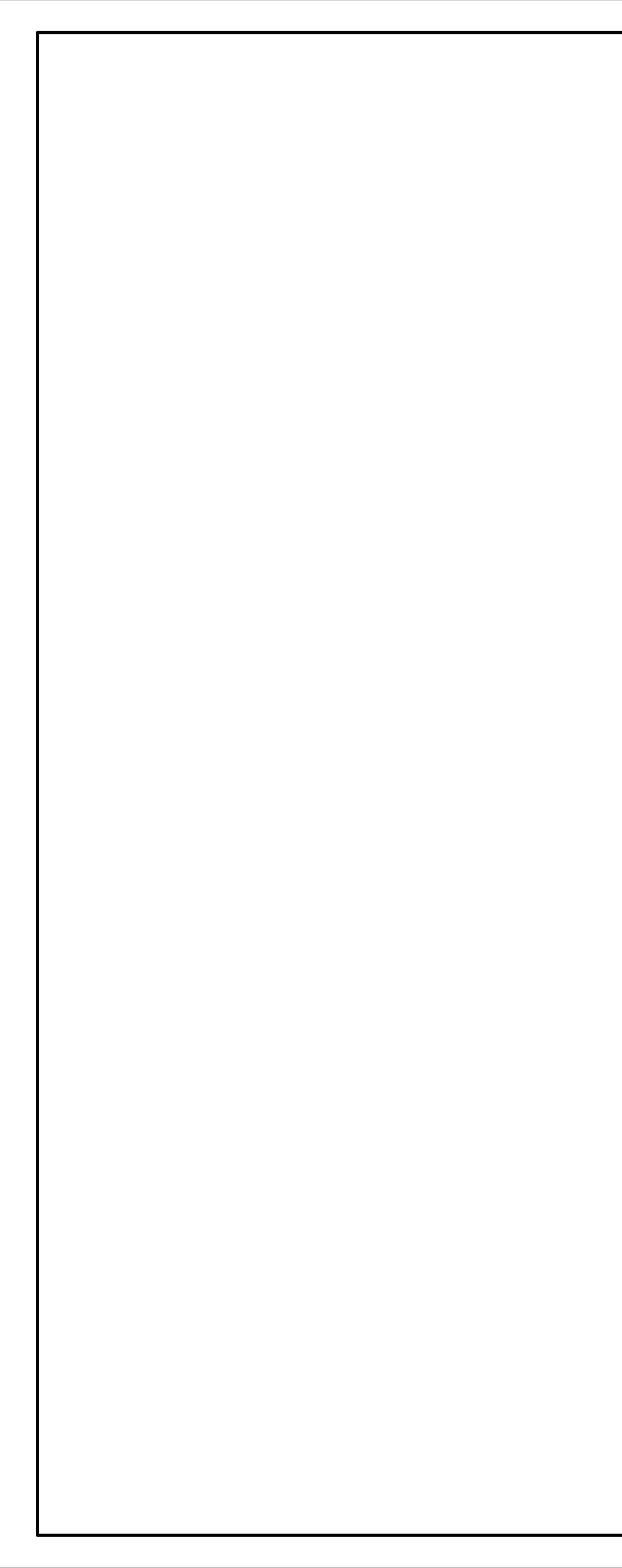
d. Metal Plate Connected Wood Trusses i. See Project Manual for Specifications.

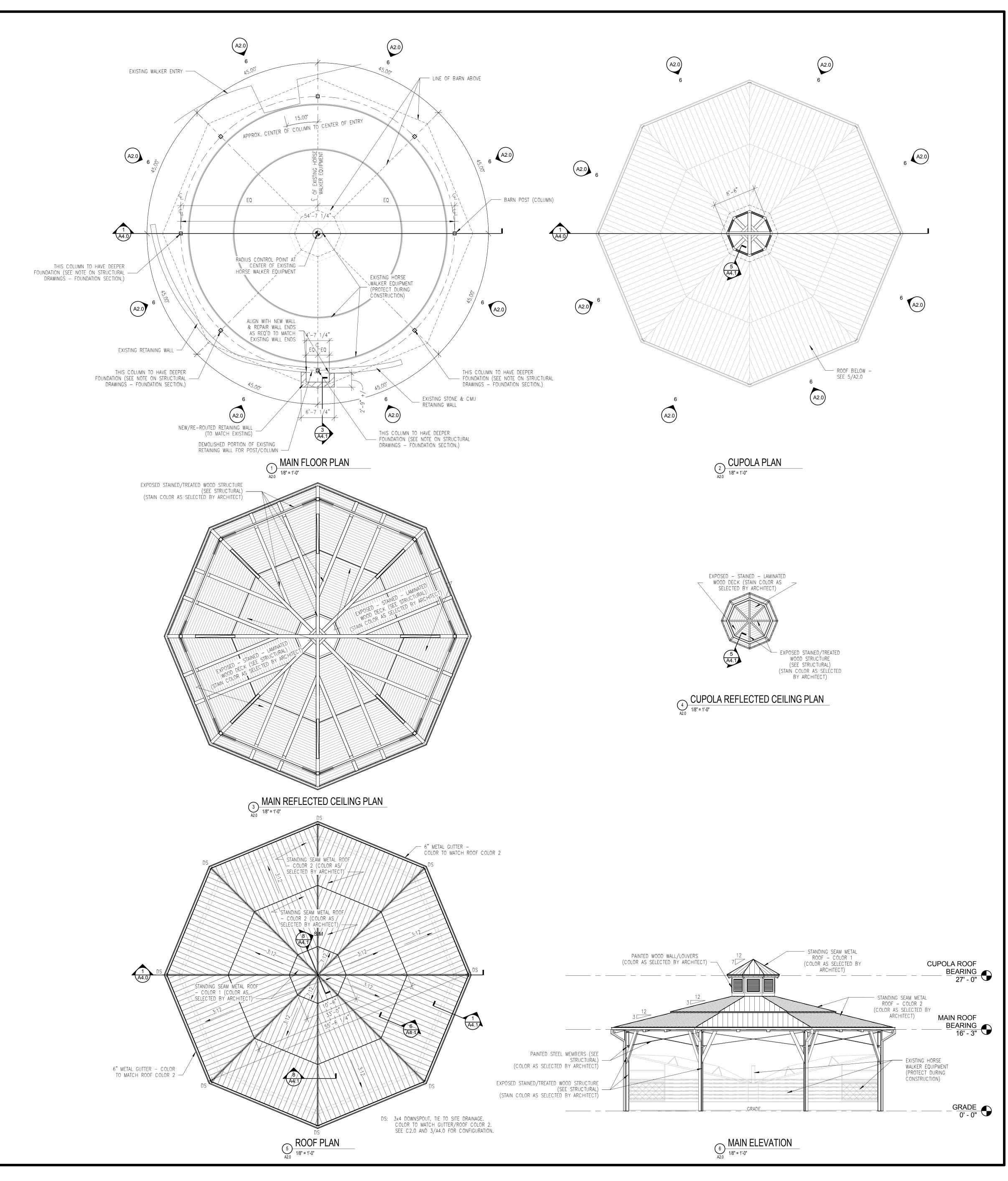
G M K ASSOCIATES, INC. Architects/Engineers/Planners 1201 Main Street, Suite 2100 Columbia, S.C. 29201 tel. 803-256-0000 fax 803-255-7243 ALL RIGHTS RESERVED. THIS DRAWING AND THE DESIGN SHOWN THEREON ARE COPYWRITED AS PRESCRIBED BY THE LAWS OF THE UNITED STATES AND ARE THE PROPERTY OF GMK ASSOCIATES ARCHITECTURAL DIVISION. ANYONE DUPLICATED, REPRODUCING OR CAUSING TO BE REPRODUCED THE WHOLE OR PART OF THESE DRAWINGS OR THE DESIGN THEREON WITHOUT THE PERMISSION OF THE ARCHITECT WILL BE SUBJECT TO LEGAL ACTION. URS an **AECOM** company 101 Research Drive Columbia, South Carolina 29203 Telephone (803) 254-4400 : Fax (803) 771-6676 www.aecom.com arrowood arrowood USC CAMPUS PLANNING AND CONSTRUCTION 743 GREENE STREET COLUMBIA, SC 29208 UNIVERSITY OF SOUTH CAROLINA. project name ONE WOOD FARM -ROOF FOR HORSE WALKER PROJECT # CP00429238 PROJECT # 15026.01 seals/signature issued for CONSTRUCTION DOCUMENTS (FIELD CONSTRUCTION) OCTOBER 20, 2015 number item date key plan sheet title **STRUCTURAL PLAN & DETAILS** sheet number S-1.0 drawn by WHB <u>checked</u> by AJA

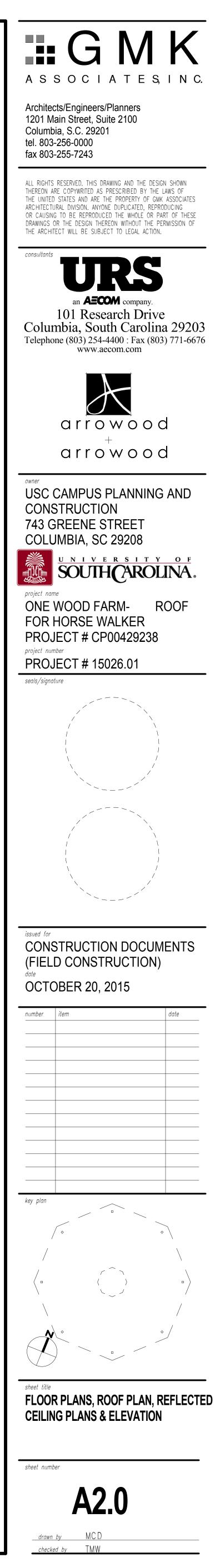


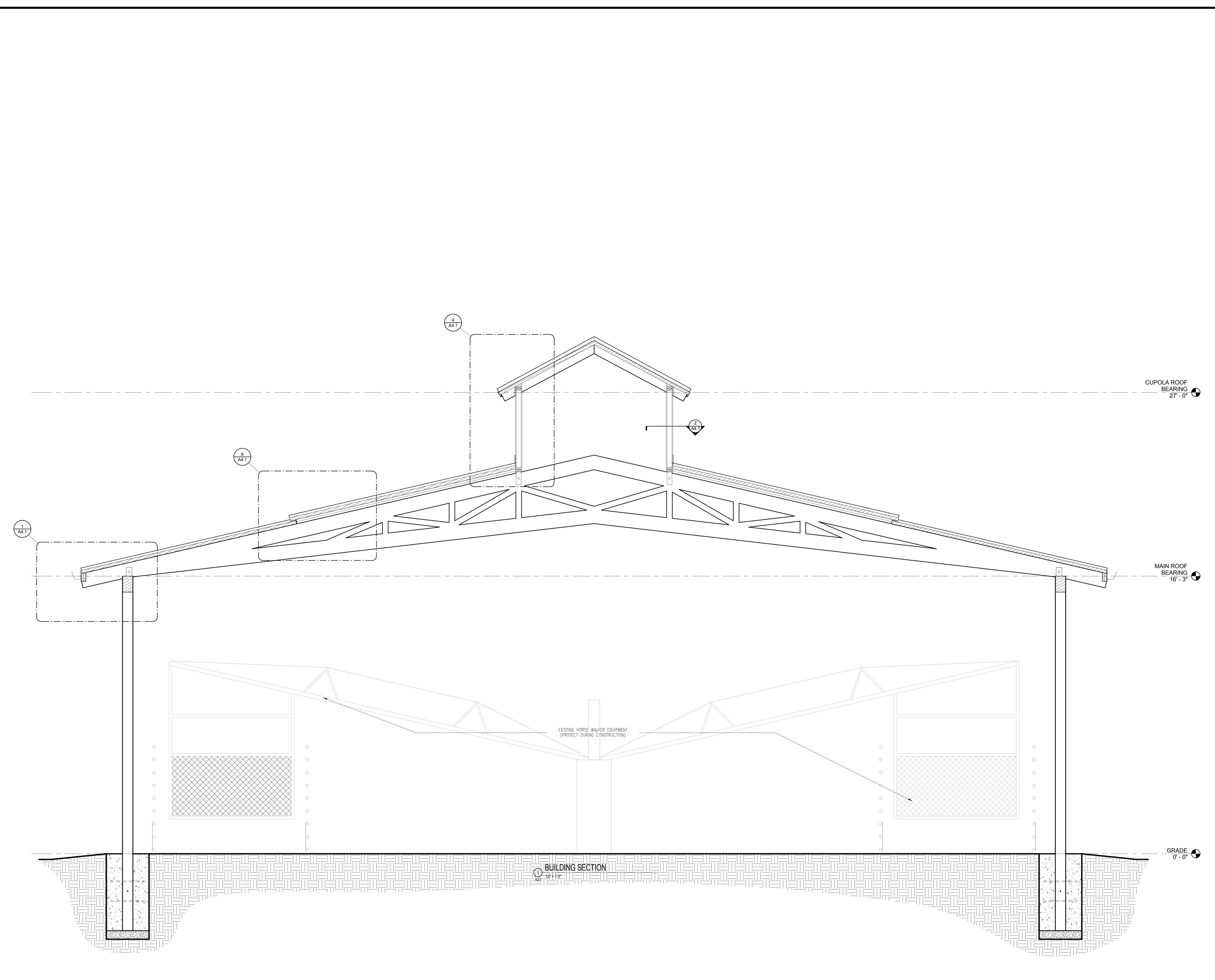
6 Section S-1.1 1/2" = 1'-0"

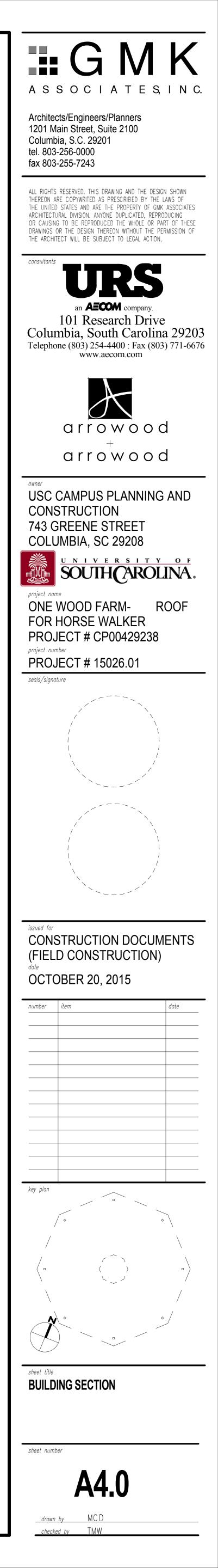


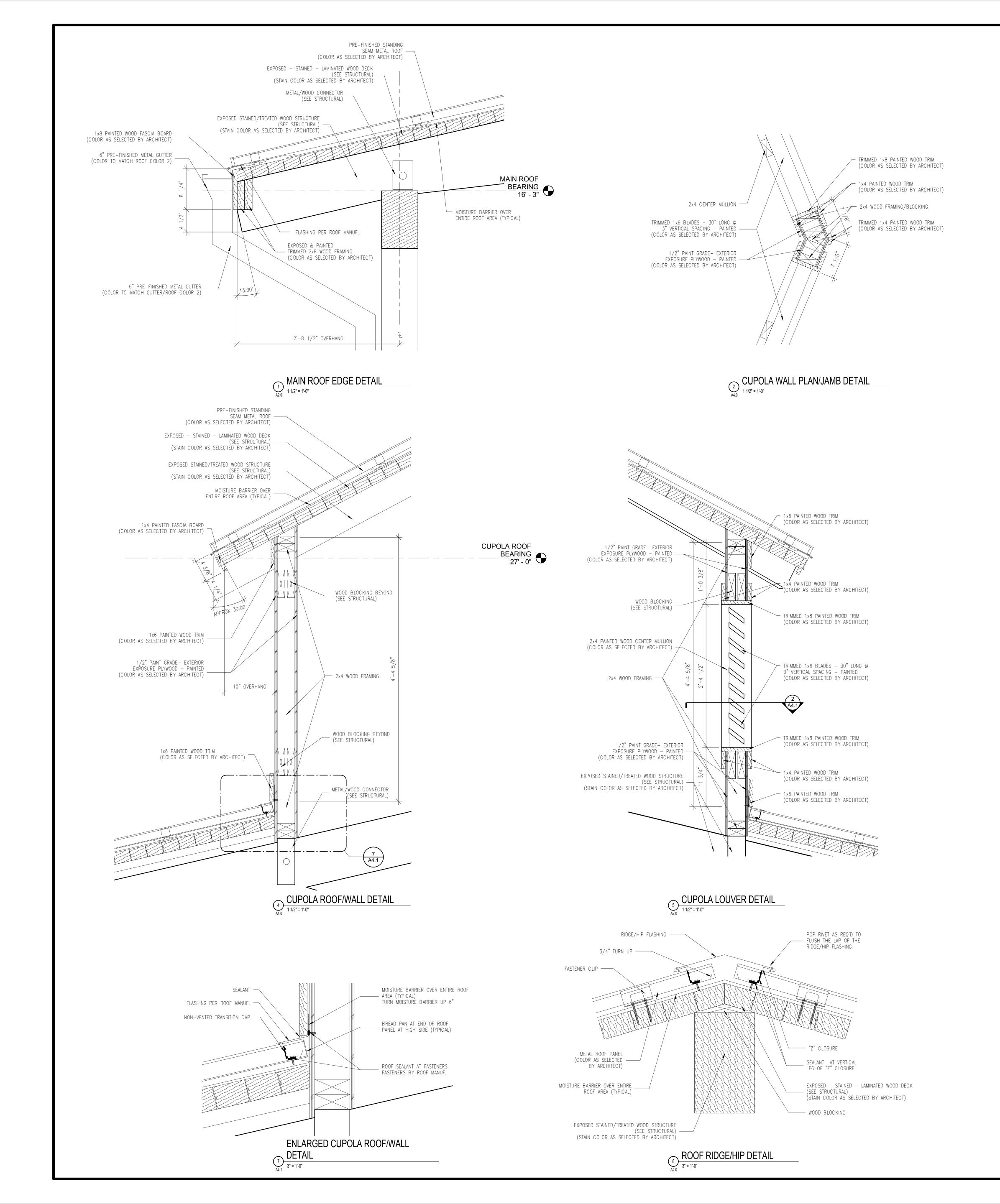




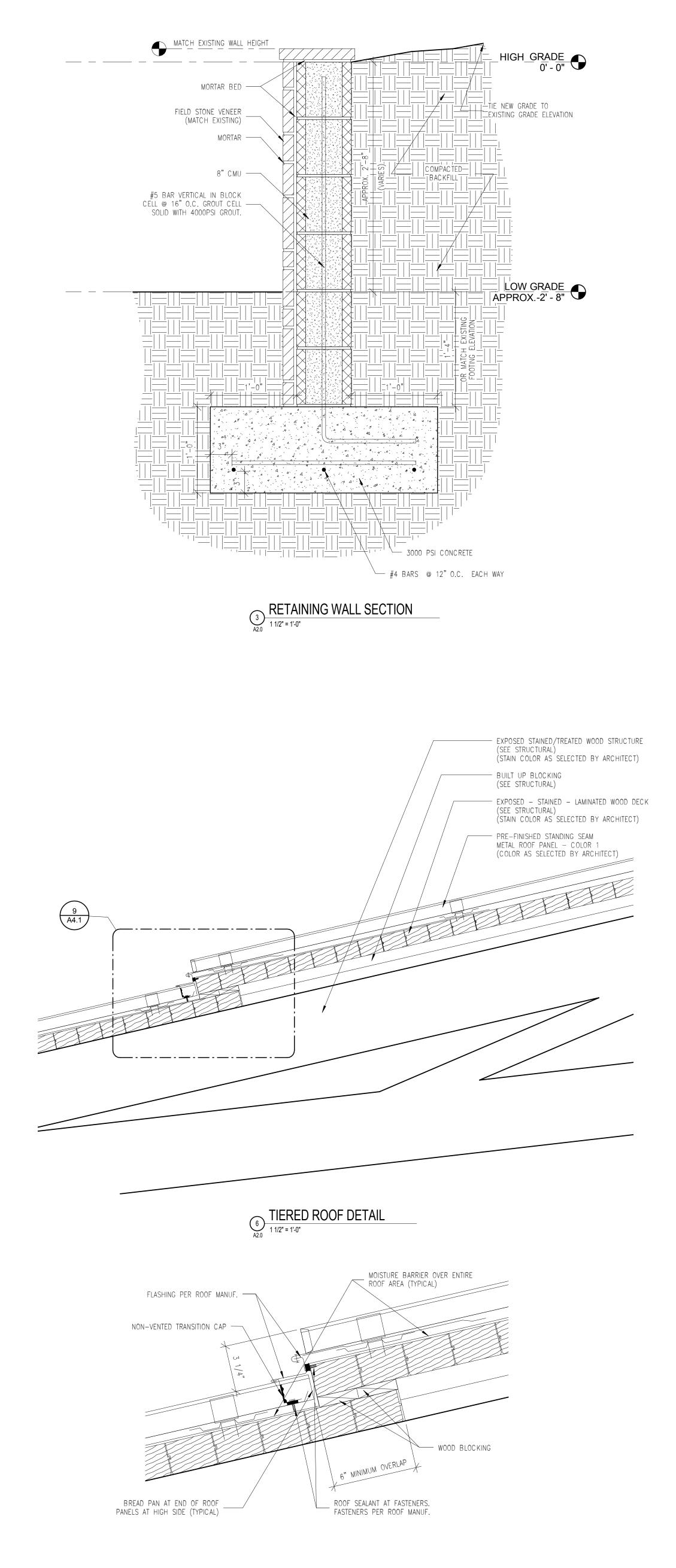


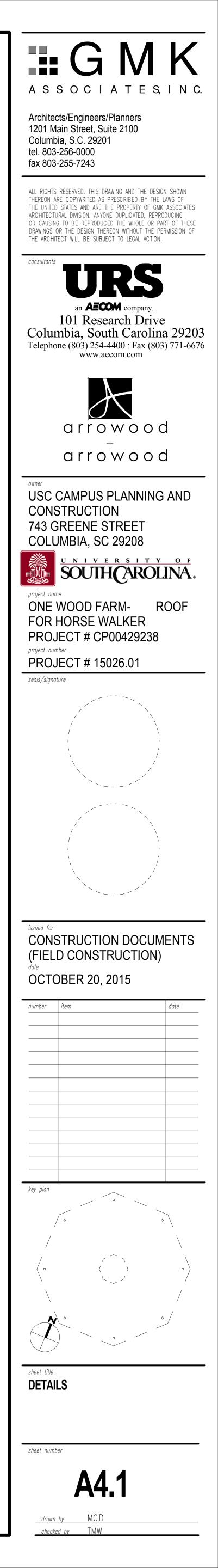










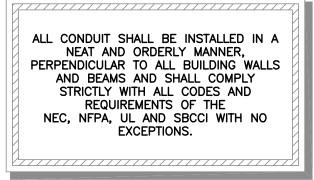


SYMBOL	DESCRIPTION			ABBRE		
LP1-2,4	BRANCH CIRCUIT RACEWAY. RUN CONCEALED IN CEILING OR TO PANEL. CROSSLINES DENOTE NUMBER OF PHASE AND NE TWO ARE TO BE INSTALLED. TEXT DENOTES PANEL NAME ANI INSTALL GROUND WIRE IN ALL RACEWAYS. #12 AWG MINIMUM	UTRAL CONDUCTORS WHEN MAORE THAN D CIRCUIT NUMBERS FOR HOMERUN.	A AFF BKR C. CKT EC	AMPERE. ABOVE FINISHE BREAKER. CONDUIT. CIRCUIT. ELECTRICAL CO		
LP1-2,4	BRANCH CIRCUIT RACEWAY. RUN IN AND/OR UNDER SLAB. CROSSLINES DENOTE NUMBER OF PHASE AND NEUTRAL CONDI BE INSTALLED. TEXT DENOTES PANEL NAME AND CIRCUIT NUI WIRE IN ALL RACEWAYS. #12 AWG MINIMUM AND AS PER CO	JCTORS WHEN MORE THAN TWO ARE TO MBERS FOR HOMERUN. INSTALL GROUND	EF GC GF HID JB or J-BOX	ELECTRICAL CO EXHAUST FAN. GENERAL CONT GROUND FAULT HIGH INTENSITY JUNCTION BOX. KILOVOLT AMPE		
$\sim \parallel$	 KVA FLEXIBLE CONDUIT. WEATHERPROOF TYPE WHEN CONNECTED TO MOTORS. CROSSLINES DENOTE NUMBER OF PHASE AND NEUTRAL CONDUCTORS WHEN MORE THAN TWO ARE INSTALLED. INSTALL GROUND WIRE WIRE #12 AWG MINIMUM. 					
ELECTRICAL ROOM 100	SPACE NAME AND NUMBER. COORDINATE WITH ARCHITECTURA	L SPACE NUMBER.	NEC TYP	2014 NATIONAL E TYPICAL.		
ο	OUTDOOR CONDUIT STUB-UP.		V wc	VOLT. WATER COOLER		
\$	LIGHT SWITCH, SPST. 20A.		XFMR	TRANSFORMER.		
IJ ₩P	FLUSH WALL MOUNTED JUNCTION BOX, SIZED PER NEC. "WP PROVIDE AND INSTALL A FLUSH COVER PLATE.	" DENOTES NEMA 3R WEATHERPROOF.				
	ELECTRICAL CIRCUIT BREAKER PANELBOARD.					
	LIGHT FIXTURE	SCHEDULE				
TYPE	DESCRIPTION	CATALOG NO.	LAN	1PS		
C1	LED, OUTDOOR 8' ENCLOSED AND GASKETED, WOOD BEAM MOUNTED FIXTURE. 120 VOLT.	COLUMBIA #LXEM8-40ML-DFA-EU 120 VOLT	1-94W L	ED		

J-BOX COVER __J-BOX CIRCUIT CONTENTS MARKED WITH INDELIBLE INK

ALL EXPOSED J-BOXES, NOT INCLUDING ELECTRICAL OR MECHANICAL ROOMS, SHALL BE MARKED ON THE INSIDE COVER. ALL OTHERS SHALL BE MARKED ON THE OUTSIDE.

3 J-BOX COVER DETAIL



TIONS

T INTERRUPTER. ARGE.

RICAL CODE. (NFPA 70).

