UNIVERSITY OF SOUTH CAROLINA UPSTATE

Spartanburg, South Carolina

UPSTATE ADMINISTRATION BUILDING REPAIRS AND RENOVATIONS

State Project #H34-9541-JV-B
GMK Project #11049.03
May 15, 2015
95% CONSTRUCTION DOCUMENTS
OWNER REVIEW

Prepared by:

GMK ASSOCIATES, INC.

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DRAWING INDEX

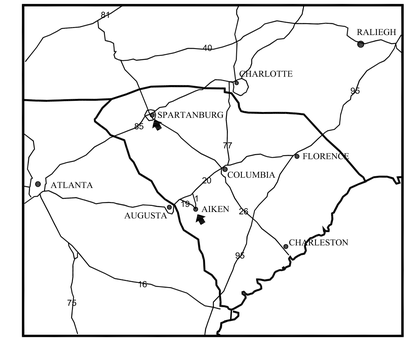
CIVIL

STRUCTURAL

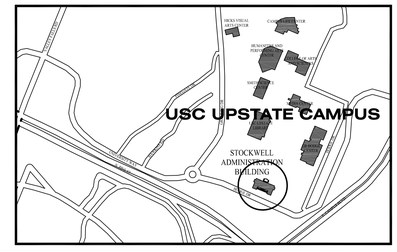
BUILDING ENVELOPE

ARCHITECTURAL

LOCATOR MAP



KEY PLAN



SET NO. ____

GENERAL NOTES:

1. ALL CONTRACTORS/SUBCONTRACTORS/PERSONS THAT WILL BE ENGAGED IN LAND DISTRUBING ACTIVITIES SHALL COMPLY WITH ALL EROSION CONTROL AND STORMWATER POLLUTION PREVENTION REQUIREMENTS CONTAINED THROUGHOUT THE DRAWINGS, SPECIFICATIONS AND PERMITS.

2. TOPOGRAPHIC INFORMATION WAS PROVIDED GRAMLING BROTHERS SURVEYING, INC, PO BOX 389, GRAMLING, SC 29348, PHONE: 864.472.2157

3. CONTRACTOR TO MAINTAIN ACCESS TO ALL DRIVEWAYS AND ROADWAYS DURING CONSTRUCTION.

4. THE EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE BASED UPON AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES PRIOR TO BEGINNING ANY WORK. IF UTILITIES OTHER THAN THOSE SHOWN HEREON ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY AND TAKE APPROPRIATE MEASURES TO PROTECT THE LINE(S) AND ENSURE CONTINUED SERVICE. DAMAGE CAUSED TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL VERIFY THE CONNECTION POINTS OF NEW UTILITIES TO EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.

5. THE CONTRACTOR SHALL INSTALL TREE PROTECTION BARRICADES PRIOR TO BEGINNING EARTHWORK OPERATIONS, IF REQUIRED.

6. OFF-SITE BORROW NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE PROVIDED BY THE CONTRACTOR FROM SOURCES DEVELOPED BY THE CONTRACTOR.

7. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF UNSUITABLE MATERIAL IS DISCOVERED PRIOR TO BEGINNING ANY REMOVAL OPERATION.

8. THE CONTRACTOR SHALL GRADE DISTURBED AREA TO MATCH EXISTING CONDITIONS AND SOD AREAS THAT WERE PREVIOUSLY GRASSED. THE OWNER WILL INSTALL PLANTS IN THE ORNAMENTAL LANDSCAPE BEDS.

9. ALL TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE SOUTH CAROLINA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, BOTH CURRENT EDITIONS.

10. CONTRACTOR SHALL GRADE ALL AREAS TO DRAIN FOR POSITIVE FLOW PRIOR TO FINAL APPROVAL. CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM THE BUILDING.

11. THE DESIGN ADEQUACY AND SAFETY OF ALL BRACING, SHORING AND TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

12. THE GENERAL CONTRACTOR SHALL REVIEW AND STAMP APPROVED ANY AND ALL SHOP DRAWINGS AND SUBMITTALS PRIOR TO SUBMITTING TO THE ENGINEER FOR REVIEW.

13. IT IS THE RESPONSIBILITY OF THE OWNER TO OBTAIN THE SERVICES OF A QUALIFIED GEOTECHNICAL ENGINEER WHO SHALL PERFORM INVESTIGATIONS TO VERIFY THAT THE SOIL CONDITIONS ARE AT LEAST THAT WHICH ARE STATED HEREIN.

14. ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF SPARTANBURG COUNTY AND SCDHEC.

15. IN PERFORMING CONSTRUCTION OBSERVATION VISITS TO THE JOBSITE, THE ENGINEER SHALL HAVE NO CONTROL OVER NOR RESPONSIBILITY FOR THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK.

16. THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR, WHO IS ALSO RESPONSIBLE FOR COMPLYING WITH ALL HEALTH AND SAFETY PRECAUTIONS AS REQUIRED BY ANY REGULATORY AGENCY AND THE SPECIFICATIONS DEVELOPED FOR THIS SCOPE OF WORK.

17. IT IS THE CONTRACTOR'S RESPONSIBILTY FOR DESIGN, ADEQUACY AND IMPLEMENTATION OF ALL DEWATERING. DISCHARGES FROM DEWATERING DEVICES SHALL BE EQUIPPED SO AS TO PREVENT EROSION AND/OR DEPOSITION OF SEDIMENT BEYOND CONSTRUCTION LIMITS.

18. ALL DEMOLITION MATERIAL TO BE HAULED OFF SITE AT CONTRACTOR'S EXPENSE.

19. TOTAL LAND DISTURBANCE IS 0.2 ACRES. SEE EROSION CONTROL PLAN SHEET FOR LIMITS OF CONSTRUCTION.

20. CONTRACTOR TO PROVIDE AS-BUILT OF NEW STORM DRAINAGE LINES AND STORM DRAINAGE BOXES IN AN AUTOCAD FORMAT ON THE SAME COORDINATE SYSTEM AS THE ORIGINAL DRAWINGS.

EROSION CONTROL NOTES:

1. IF NECESSARY, SLOPES WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO GRASSING/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.
   - >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.

3. 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 INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.

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 COMPLETED AND THE SITE IS STABILIZED.

6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE 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.

8. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR 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-FT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WoS. A 10-FT 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, INSPECTION 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 THE FINAL STABILIZATION IS REACHED.

12. INITIATE STABILIZATION MEASURES ON ANY EXPOSED SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBIUNG ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF SEVEN (7) CALENDAR DAYS.

13. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.

14. MINMIMZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.

15. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPs (SEDIMENT BASIN, FILTER BAG, ETC.).

16. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
   - >WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL
   - >WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FROM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS
   - >FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE
   - >SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING

17. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.

18. IF EXISTING BMPs NEED TO BE MODIFIED OR IF ADDITIONAL BMPs ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPs MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.

19. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB MORE THAN 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

SEQUENCE OF CONSTRUCTION:

ITEMS MUST OCCUR IN THE ORDER LISTED; ITEMS CANNOT OCCUR CONCURRENTLY UNTIL SPECIFICALLY NOTED.

1. RECEIVE NPDES COVERAGE FROM DHEC.
2. PRE-CONSTRUCTION MEETING WITH SPARTANBURG COUNTY STORMWATER MANAGEMENT STAFF PRESENT.
3. NOTIFY THE SPARTANBURG COUNTY STORMWATER MANAGEMENT STAFF 48 HOURS PRIOR TO BEGINNING LAND-DISTURBING ACTIVITIES.
4. INSTALLATION OF CONSTRUCTION ENTRANCE.
5. CLEARING AND GRUBBING ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS.
6. INSTALLATION OF PERIMETER CONTROLS (E.G. SILT FENCE).
7. CLEARING AND GRUBBING ONLY IN AREAS OF BASINS/PONDS.
8. INSTALLATION OF DETENTION POND AND INSTALLATION OF DIVERSIONS (SWALES) TO THE POND (OUTLET STRUCTURES MUST BE COMPLETELY INSTALLED AS SHOWN ON THE DETAILS BEFORE PROCEEDING TO NEXT STEP; AREAS DRAINING TO THESE STRUCTURES CANNOT BE DISTURBED UNTIL THE STRUCTURES AND DIVERSIONS (SWALES) TO THE STRUCTURE ARE COMPLETELY INSTALLED).
9. CLEARING AND GRUBBING OF SITE OR DEMOLITION (SEDIMENT AND EROSION CONTROL MEASURES FOR THESE AREAS MUST ALREADY BE INSTALLED).
10. ROUGH GRADING AND BUILDING PAD PREPARATION
11. INSTALLATION OF STORM DRAIN SYSTEM AND PLACEMENT OF INLET PROTECTION.
12. BUILDING CONSTRUCTION
13. FINE GRADING, PAVING, ETC.
14. PERMANENT STABILIZATION OF SITE.
15. CLEAN-OUT OF SEDIMENT BASIN THAT WAS USED AS SEDIMENT CONTROL STRUCTURES AND RE-GRADING OF DETENTION POND BOTTOMS; IF NECESSARY, MODIFICATION OF SEDIMENT BASIN RISER TO CONVERT TO DETENTION BASIN OUTLET STRUCTURE.
16. SEDIMENT REMOVED FROM SEDIMENT BASIN TO BE USED TO FINE GRADE THE SITE IF IT IS SUITABLE MATERIAL FOR SUCH PURPOSES. OTHERWISE MATERIAL TO BE DISPOSED OF OFFSITE.
17. REMOVAL OF TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AFTER ENTIRE AREA DRAINING TO 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) ONCE CONSTRUCTION IS COMPLETE THE ITEMS BELOW MUST BE PERFORMED IN THE ORDER SHOWN.
18. PERFORM AS-BUILT SURVEYS OF ALL STORM DRAINAGE STRUCTURES AND SUBMIT TO SPARTANBURG COUNTY MS4 FOR COMPLIANCE
19. SUBMIT NOTICE OF TERMINATION (NOT) TO SPARTANBURG COUNTY MS4 OR SCDHEC AS APPROPRIATE.

- NOTE: MAINTENANCE OF SEDIMENT AND EROSION CONTROL MEASURES MUST CONTINUE UNTIL THE SITE IS PERMANENTLY STABILIZED AND THE CONTROLS ARE REMOVED.

VICINITY MAP NOT TO SCALE

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project name/number

USC UPSTATE
ADMINISTRATION BUILDING
PORCH REPAIRS
H34-9541-JV-B

project number

11049.03

seals/signature

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
THE LANDPLAN GROUP SOUTH, INC.
No. 3092

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
No. 26168
HENRY C. BURNETT III

issued for

95% CONSTRUCTION DOCUMENTS

date

MAY 15, 2015

number	item	date

key plan

JOHN C. STOCKWELL ADMINISTRATION BUILDING

sheet title

NOTES

TLPGS NO. - 721

sheet number

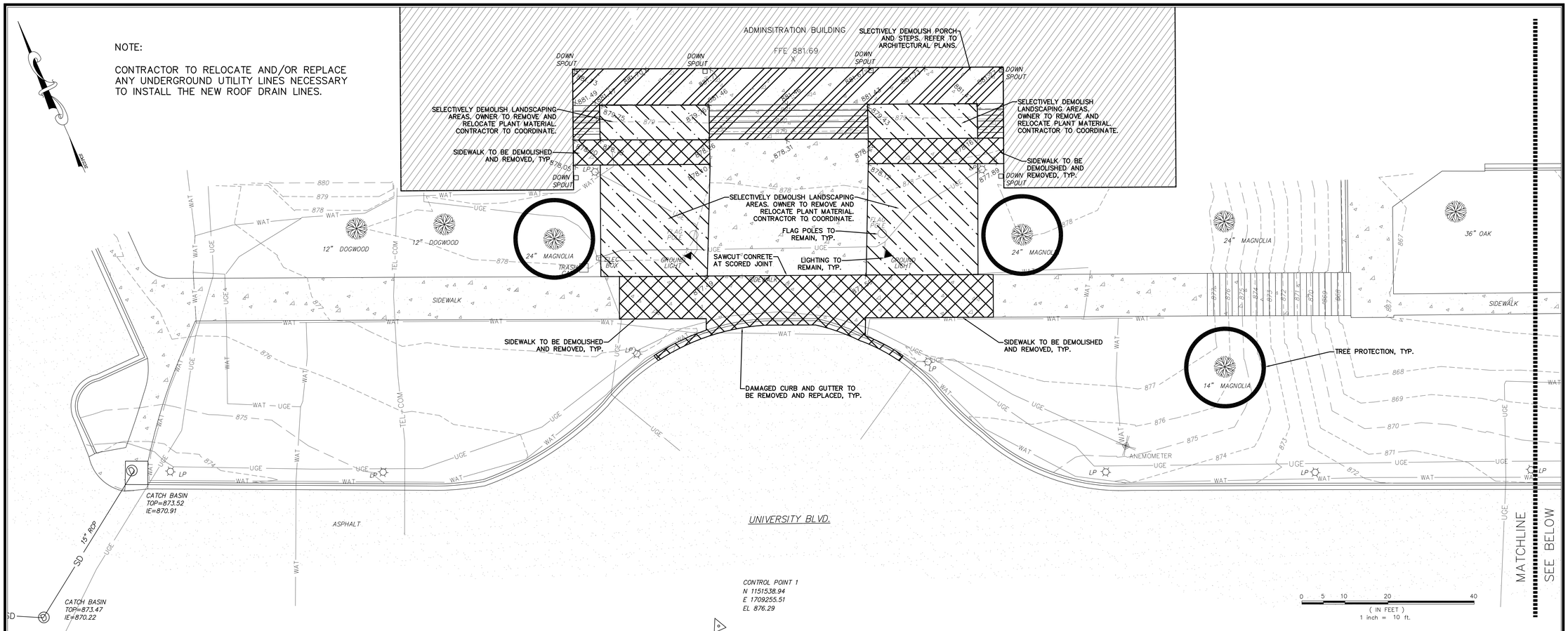
C1.0

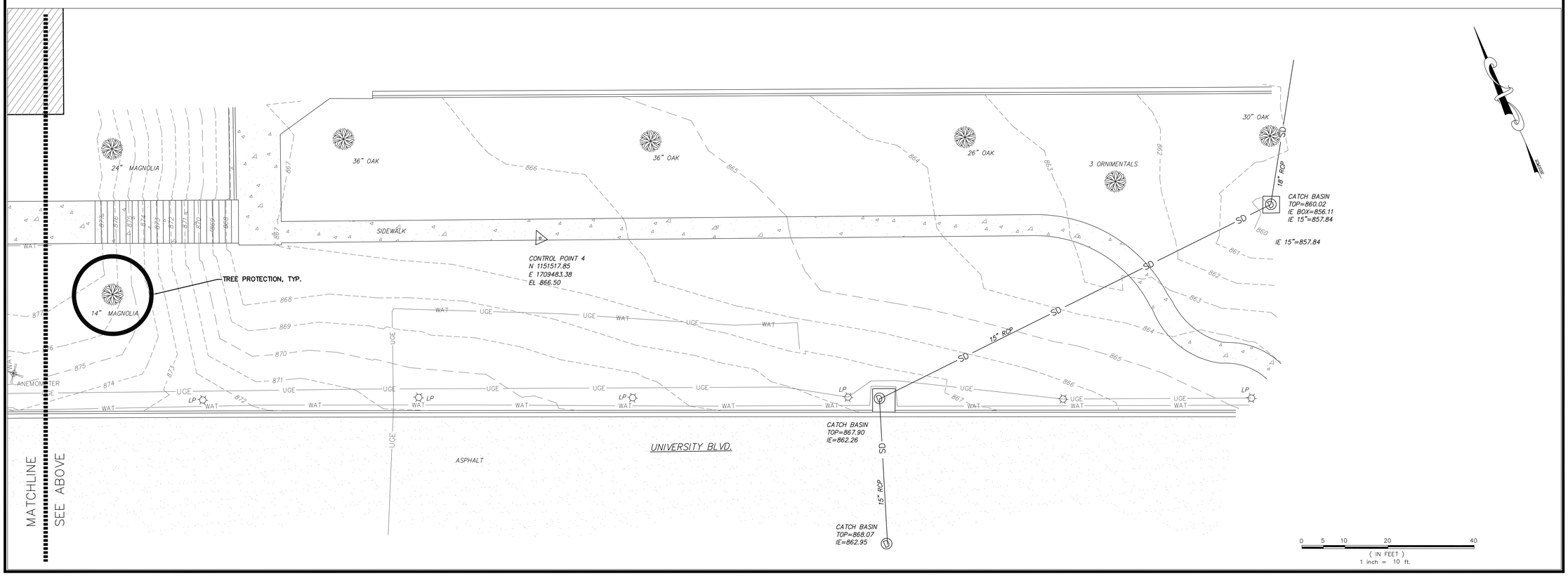
drawn by HCB

checked by HCB

NOTE:

CONTRACTOR TO RELOCATE AND/OR REPLACE ANY UNDERGROUND UTILITY LINES NECESSARY TO INSTALL THE NEW ROOF DRAIN LINES.





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EXISTING CONDITIONS & DEMOLITION PLAN

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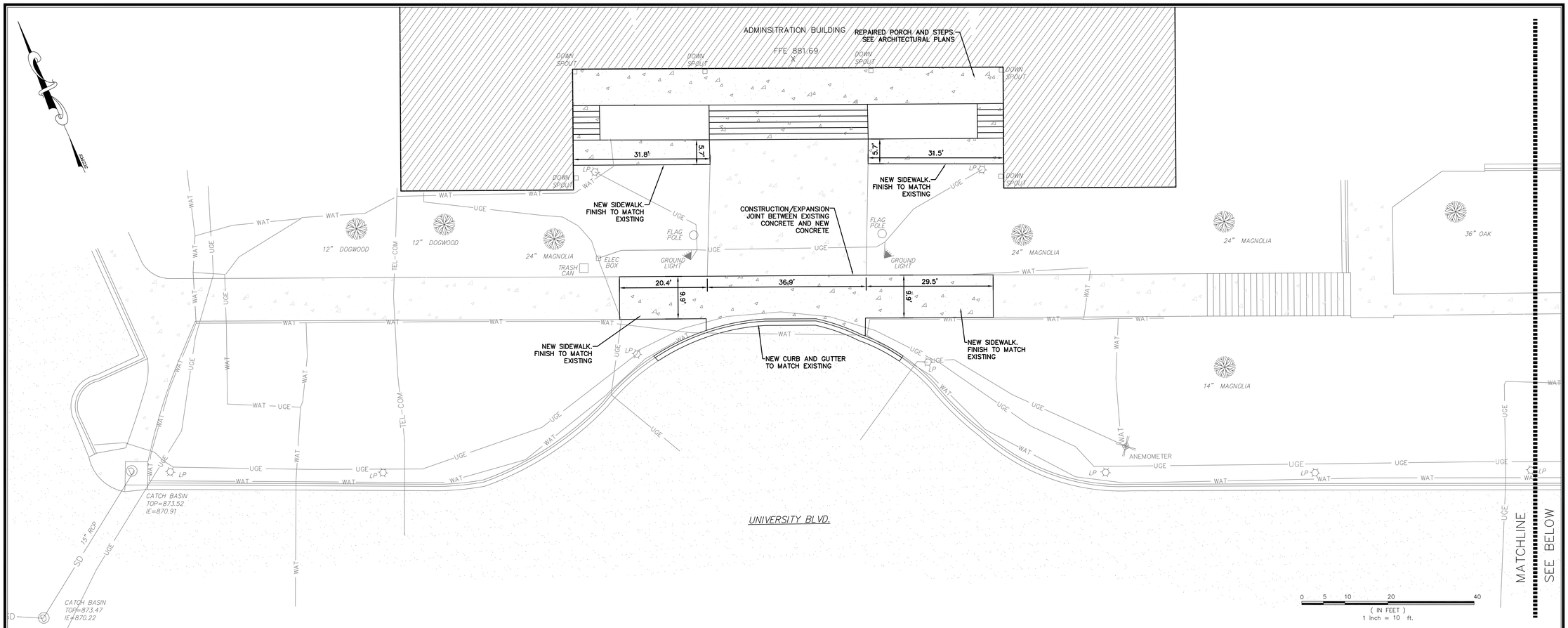
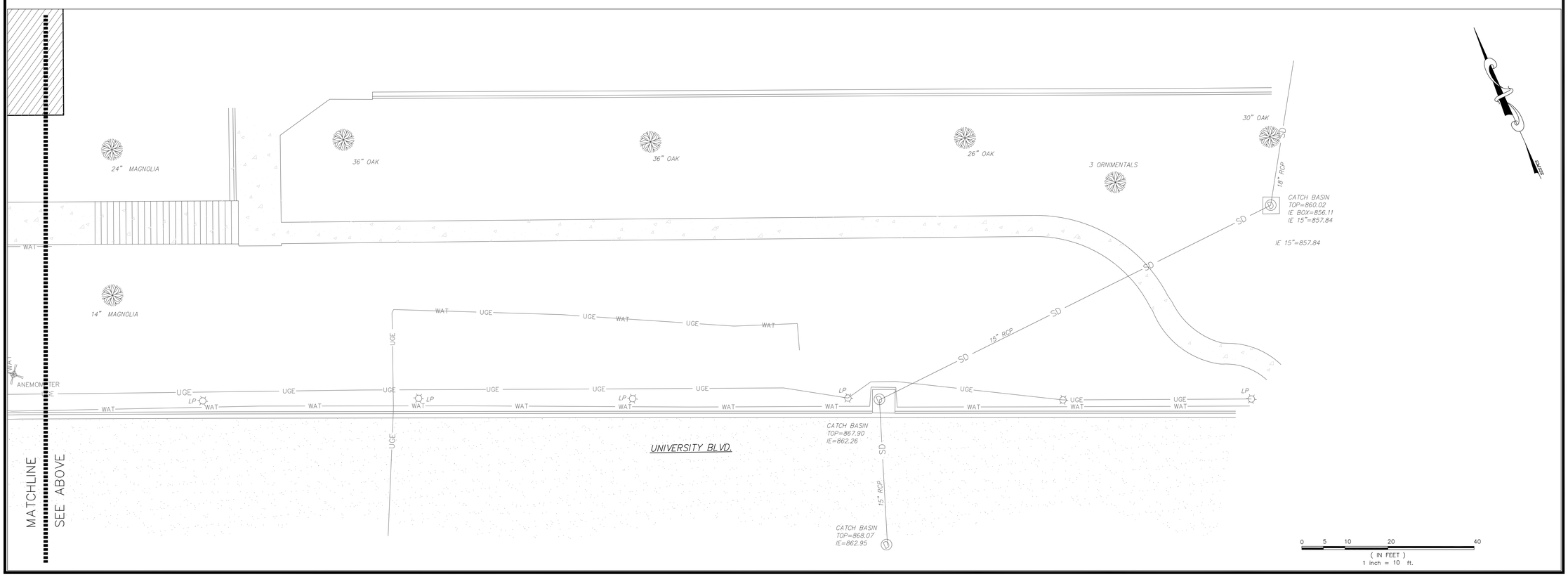
sheet number

C2.0

drawn by HCB

checked by HCB





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LAYOUT PLAN

TLPGS NO. - 721

sheet number

C3.0

drawn by HCB

checked by HCB

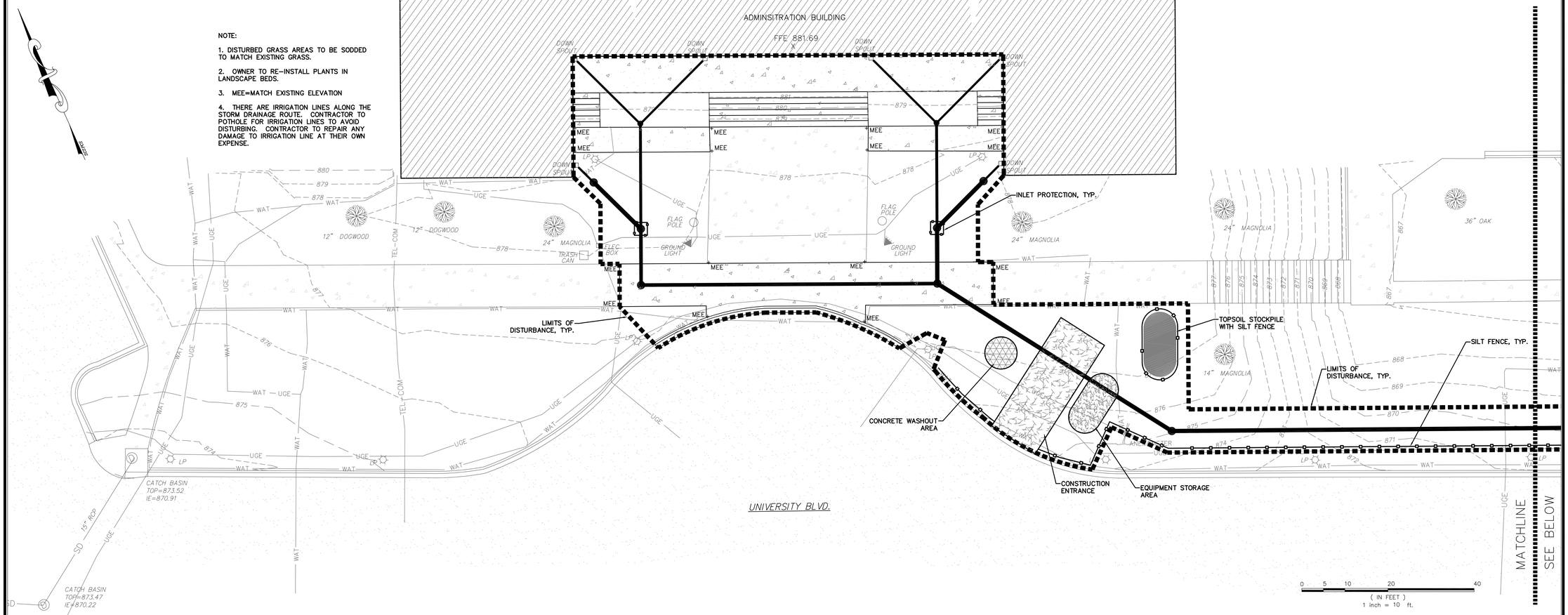
NOTE:

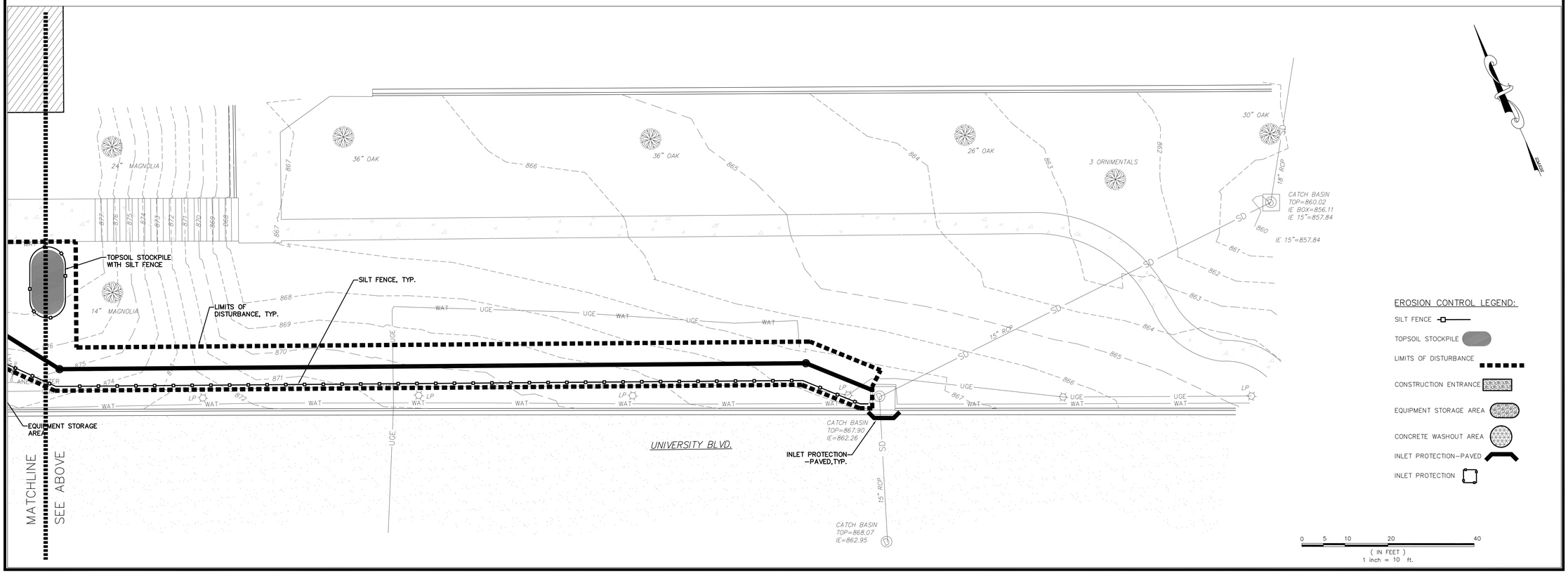
1. DISTURBED GRASS AREAS TO BE SODDED TO MATCH EXISTING GRASS.

2. OWNER TO RE-INSTALL PLANTS IN LANDSCAPE BEDS.

3. MEE=MATCH EXISTING ELEVATION

4. THERE ARE IRRIGATION LINES ALONG THE STORM DRAINAGE ROUTE. CONTRACTOR TO POTHOLE FOR IRRIGATION LINES TO AVOID DISTURBING. CONTRACTOR TO REPAIR ANY DAMAGE TO IRRIGATION LINE AT THEIR OWN EXPENSE.





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SOUTH CAROLINA — REGISTERED PROFESSIONAL ENGINEER — No. 26168 — HENRY C. BURNETT III

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sheet title

EROSION CONTROL PLAN

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sheet number

C4.0

drawn by HCB

checked by HCB

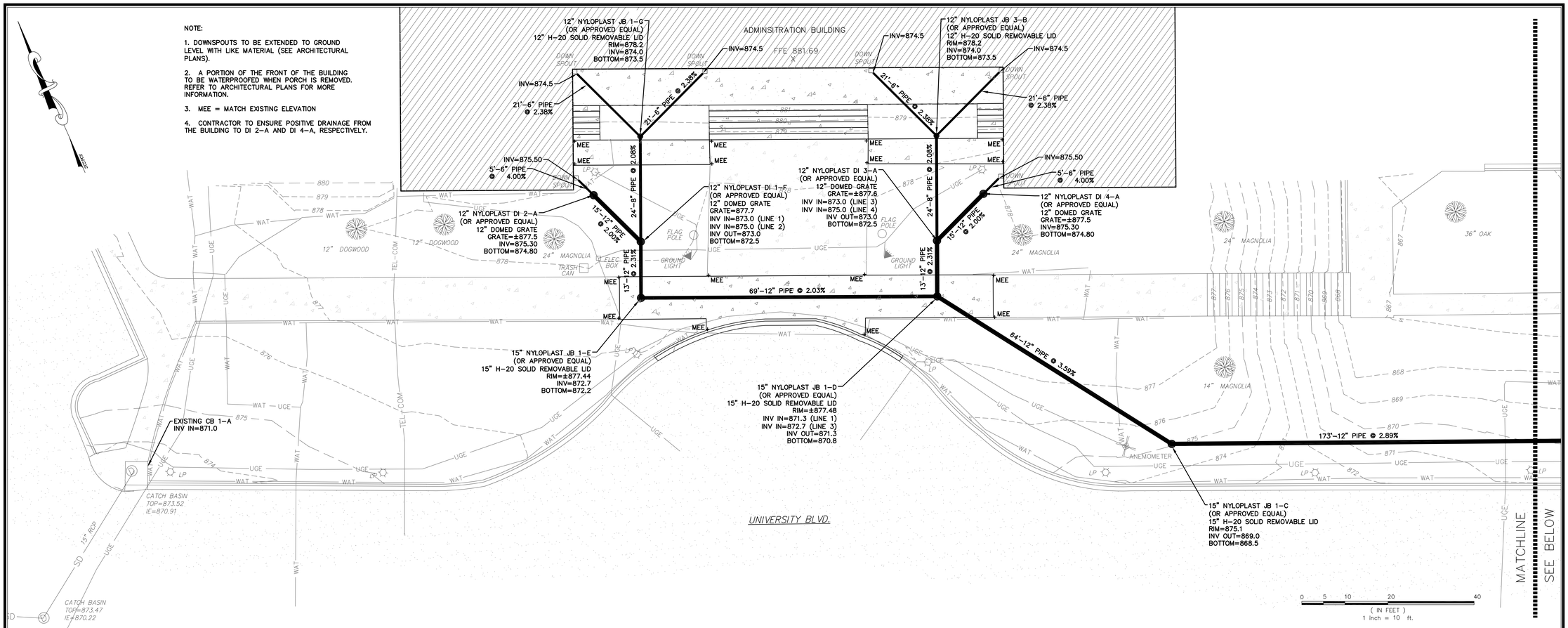
NOTE:

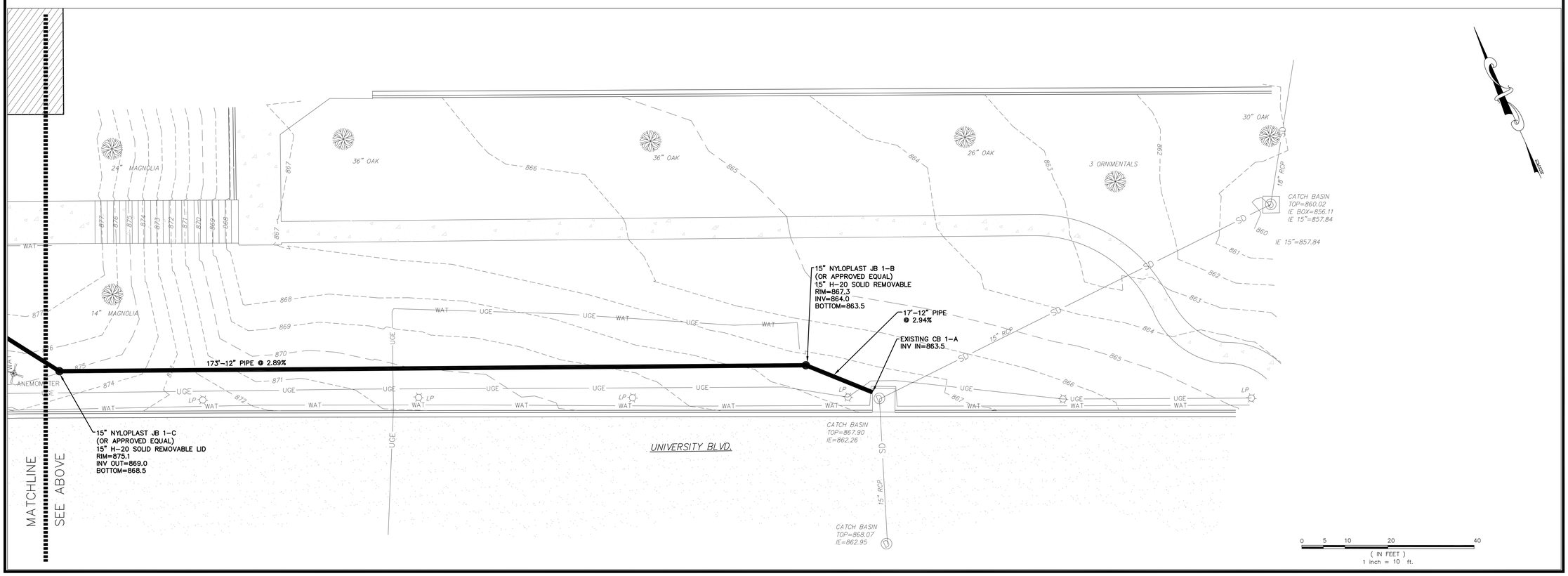
1. DOWNSPOUTS TO BE EXTENDED TO GROUND LEVEL WITH LIKE MATERIAL (SEE ARCHITECTURAL PLANS).

2. A PORTION OF THE FRONT OF THE BUILDING TO BE WATERPROOFED WHEN PORCH IS REMOVED. REFER TO ARCHITECTURAL PLANS FOR MORE INFORMATION.

3. MEE = MATCH EXISTING ELEVATION

4. CONTRACTOR TO ENSURE POSITIVE DRAINAGE FROM THE BUILDING TO DI 2-A AND DI 4-A, RESPECTIVELY.





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No. 26168
HENRY C. BURNETT III

issued for

95% CONSTRUCTION DOCUMENTS

date

APRIL 8, 2015

number	item	date

key plan

JOHN C. STOCKWELL ADMINISTRATION BUILDING

sheet title

GRADING & DRAINAGE PLAN

TLPGS NO. - 721

sheet number

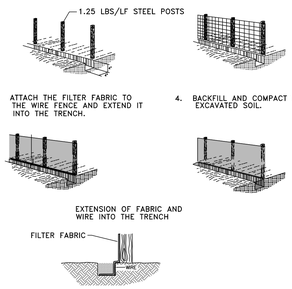
C5.0

drawn by HCB

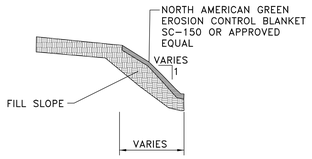
checked by HCB

NOTES:
1. THE HEIGHT OF A SILT FENCE SHOULD NOT EXCEED 36 INCHES. HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE THE STRUCTURE TO FAIL.
2. THE FILTER FABRIC SHOULD BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE FENCE TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, A FILTER CLOTH SHOULD BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP AND SEALED SECURELY.
3. METAL POSTS SHOULD BE SPACED A MAXIMUM OF 10 FEET APART AT THE FENCE LOCATION AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 12 INCHES. WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE. POST SPACING SHOULD NOT EXCEED 6 FEET.
4. A TRENCH SHOULD BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP ALONG THE LINE OF POSTS, UPSLOPE FROM THE FENCE.
5. WHEN STANDARD STRENGTH FILTER IS USED, A WIRE MESH SUPPORT FENCE SHOULD BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY TIE WIRES OR HOG RINGS. THE WIRE SHOULD EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES AND SHOULD NOT EXCEED MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
6. THE STANDARD STRENGTH FILTER FABRIC SHOULD BE WIRED TO THE FENCE, AND 8 INCHES OF THE THE FABRIC SHOULD BE EXTENDED INTO THE TRENCH. THE FABRIC SHOULD NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. DO NOT STAPLE FILTER FABRIC TO TREES.
7. WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF NO. 6 APPLYING.
8. THE TRENCH SHOULD BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.

1. SET POSTS AND EXCAVATE A 4"x4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.
2. TIE WIRE FENCING TO THE POST.
3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.
4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



TEMPORARY SILT FENCE DETAIL
NOT TO SCALE



SECTION VIEW

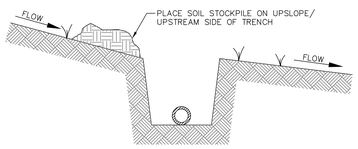
NOTES:
1. SEED AND FERTILIZE AREA PRIOR TO BLANKET INSTALLATION.
2. STAKE/STAPLE OR OTHERWISE FIX BLANKET IN PLACE PER MANUFACTURER'S RECOMMENDATIONS.
3. CONTRACTOR SHALL SUBMIT EROSION CONTROL BLANKET SHOP DRAWING AND/OR MANUFACTURER SUPPLIED SPECIFICATIONS. INSTALLATION DETAILS AND INSTRUCTIONS 10 DAYS PRIOR TO PROPOSED USAGE FOR ENGINEER'S APPROVAL.

EROSION CONTROL MATTING DETAIL (IF NECESSARY)
NOT TO SCALE

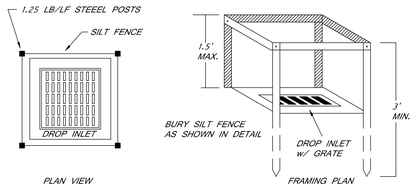
TEMPORARY SEEDING SCHEDULE

FROM MAY 1 – AUGUST 31	FROM SEPT. 1 – APRIL 30
1 LB. BROWN TOP MILLET	2 LBS. ANNUAL RYE GRASS
2 LBS. HULLED BERMUDA	0.5 LB. HULLED BERMUDA
25 LBS. 10-10-10 FERTILIZER	1.5 LBS. UNHULLED BERMUDA
75 LBS. LIMESTONE	25 LBS. 10-10-10 FERTILIZER
OR	75 LBS. LIMESTONE
1 LB. BROWN TOP MILLET	OR
1 LB. HULLED BERMUDA	2 LBS. ANNUAL RYE GRASS
2 LBS. UNHULLED BERMUDA	0.5 LB. HULLED BERMUDA
25 LBS. 10-10-10 FERTILIZER	1 LB. HULLED BERMUDA
75 LBS. LIMESTONE	2 LBS. UNHULLED BERMUDA
OR	25 LBS. 10-10-10 FERTILIZER
DEEP SANDY SOILS	75 LBS. LIMESTONE
2 LBS. BROWN TOP MILLET	OR
3 LBS. UNHULLED BERMUDA	1 LB. ANNUAL RYE GRASS
25 LBS. 10-10-10 FERTILIZER	3 LBS. FESCUE GRASS
75 LBS. LIMESTONE	25 LBS. 10-10-10 FERTILIZER
	75 LBS. LIMESTONE
	OR
	DEEP SANDY SOILS
	1 LB. HULLED BERMUDA
	2 LBS. RYE GRASS OR 2 LBS. GRAIN RYE
	2 LBS. UNHULLED BERMUDA
	25 LBS. 10-10-10 FERTILIZER
	75 LBS. LIMESTONE

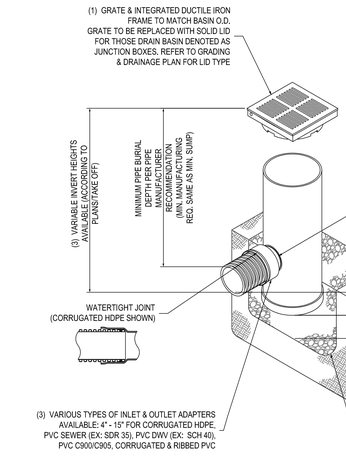
* QUANTITIES ARE PER 1000 SF OF SEEDING AREA.



TYPICAL TRENCH EXCAVATION STOCKPILE
NOT TO SCALE

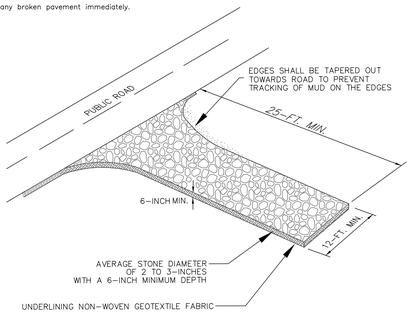


TEMPORARY INLET PROTECTION DETAIL
NOT TO SCALE



NOTES:
1 • 12" & 15" FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
2 • DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS.
3 • DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE & PVC SEWER.
4 • ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°.

8"-15" DRAIN BASIN DETAIL
NOT TO SCALE



When and Where to Use It

Stabilized construction entrances should be used at all points where traffic will be leaving a construction site and moving directly onto a public road.

Important Considerations

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 SCDHEC 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 area.
–Divert all surface runoff and drainage from stones to a sediment trap or basin.
–Install a non-woven geotextile fabric prior to placing any stone.
–Install a culvert pipe across the entrance when needed to provide positive drainage.
–The entrance shall consist of 1-inch to 3-inch D50 stone placed at a minimum depth of 6-inches.
–Minimum dimensions of the entrance shall be 24-feet wide by 100-feet 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.

Inspection and Maintenance:

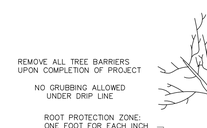
Inspect construction entrances every seven (7) calendar days and within 24-hours after each rainfall event that produces ½-inches or more of precipitation, or after heavy use. Check for mud and sediment buildup and pad integrity. Make daily inspections during periods of wet weather. Maintenance is required more frequently in wet weather conditions. Reshape the stone pad as needed for drainage and runoff control.

Wash or replace stones as needed and as directed by the inspector. The stone in the entrance should be washed or replaced whenever the entrance fails to reduce mud being carried off-site by vehicles. Frequent washing will extend the useful life of stone.

Immediately remove mud and sediment tracked or washed onto public roads by brushing or sweeping. Flushing should only be used when the water can be discharged to a sediment trap or basin.

Repair any broken pavement immediately.

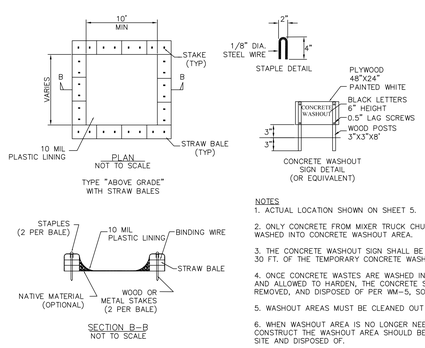
CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE



GENERAL TREE PROTECTION NOTES:

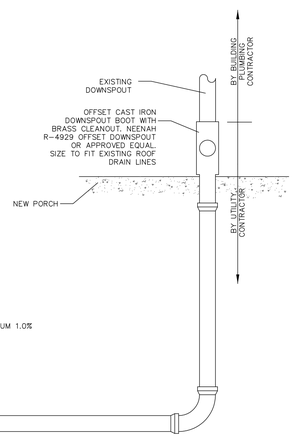
1. NO GRADING WITHIN THE TREE PROTECTION ZONE.
2. NO PARKING , MATERIAL STORAGE, BURY PITS, CONCRETE WASHOUT, BURNING OF DEBRIS, OR OTHER SIMILAR CONSTRUCTION SITE ACTIVITIES THAT COULD DISTURB OR COMPACT THE SOIL WITHIN THE TREE PROTECTION ZONE.
3. INSTALL APPROVED TREE PROTECTION BARRIERS PRIOR TO ANY LAND DISTURBANCE OR CONSTRUCTION ACTIVITY AND KEEP BARRIERS IN PLACE UNTIL ZONING ADMINISTRATOR OR LAND DEVELOPMENT PLANNER APPROVES THEIR REMOVAL. THESE INCLUDE;
   A. FOUR FOOT TALL WOODEN POST AND RAIL FENCING OF 2X4 POSTS AND DOUBLE 1X4 RAIL.
   B. ORANGE POLYETHYLENE LAMINAR FENCING MOUNTED ON WOODEN POSTS.
4. PLACE TREE PROTECTION BARRIERS AROUND THE TREES IN A RADIUS OF NO LESS THAN ONE FOOT (1') FOR EVERY ONE INCH (1") OF TREE DIAMETER.

TREE PROTECTION DETAIL
NOT TO SCALE



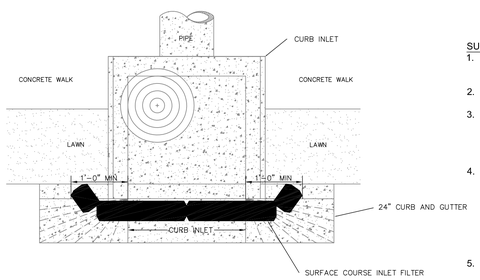
NOTES
1. ACTUAL LOCATION SHOWN ON SHEET 5.
2. ONLY CONCRETE FROM MIXER TRUCK CHUTES SHOULD BE WASHED INTO CONCRETE WASHOUT AREA.
3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
4. ONCE CONCRETE WASTES ARE WASHED INTO THE WASHOUT AREA AND ALLOWED TO HARDEN, THE CONCRETE SHOULD BE BROKEN UP, REMOVED, AND DISPOSED OF PER WM-5, SOLID WASTE MANAGEMENT.
5. WASHOUT AREAS MUST BE CLEANED OUT WHEN IT IT 75% FULL.
6. WHEN WASHOUT AREA IS NO LONGER NEEDED, MATERIALS USED TO CONSTRUCT THE WASHOUT AREA SHOULD BE REMOVED FROM THE SITE AND DISPOSED OF.
7. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE CONCRETE WASHOUT AREA SHOULD BE BACKFILLED AND REPAIRED.

CONCRETE WASHOUT AREA DETAIL
NOT TO SCALE



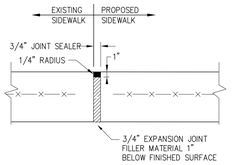
NOTES:
1. SERVICE LINE SHALL BE AT MINIMUM 1.0% GRADE.

TYPICAL ROOF DRAIN DETAIL
NOT TO SCALE



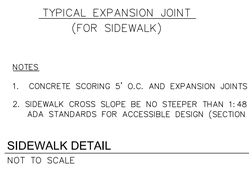
SURFACE COURSE INLET FILTER NOTES:
1. DRAWING SHOWS TYPE 16 CATCH BASIN. TYPE E INLET STRUCTURE FILTERS ARE APPLICABLE FOR CATCH BASIN TYPE 1, 16, 17, AND 18 AFTER THE ROAD SURFACE COURSE IS PLACED.
2. PLACE CURB INLET FILTER AS SHOWN IN AREA WHERE SILT MAY SPILL OVER SIDEWALK AND CURB AFTER BASE IS PLACED.
3. CURB INLET FILTER SHALL BE INSTALLED IN FRONT OF THE CURB INLET OPENING. THE FILTER SHALL HAVE A MINIMUM DIAMETER OF 9 INCHES AND A MINIMUM LENGTH 2 FEET LONGER THAN THE LENGTH OF THE CURB OPENING. THIS WILL ALLOW FOR SUFFICIENT LENGTH TO COVER THE INLET WITH AT LEAST ONE FOOT BEYOND THE INLET ON BOTH ENDS.
4. THE FILTER SHALL BE CONSTRUCTED WITH A SYNTHETIC MATERIAL THAT WILL ALLOW STORM WATER TO FREELY FLOW THROUGH WHILE TRAPPING SEDIMENT DEGRADATION BY ULTRAVIOLET EXPOSURE AND IS RESISTANT TO CONTAMINANTS COMMONLY ENCOUNTERED IN STORM WATER. STRAW, STRAW FIBER, STRAW BALES, PINE NEEDLES, AND LEAVE MULCH ARE NOT A PERMISSIBLE MATERIAL FOR FILTER CONSTRUCTION. MUSE FILTER FABRIC THAT IS CAPABLE OF REDUCING EFFLUENT SEDIMENT CONCENTRATIONS BY NO LESS THAN 80% UNDER TYPICAL SEDIMENT MIGRATION CONDITIONS.
5. FILL THE SGGREGATE COMPARTMENT TO A LEVEL (AT LEAST ½ FULL) THAT WILL KEEP THE SURFACE COURSE INLET FILTER IN PLACE AND CREATE A SEAL BETWEEN THE FILTER AND ROAD SURFACE.
6. PONDING IS LIKELY IF SEDIMENT IS NOT REMOVED REGULARLY. INSPECTINO OF CURB INLET FILTER SHOULD BE MADE EVERY SEVEN (7) CALENDAR DAYS. ANY NEEDED REPAIRS SHOULD BE HANDLED IMMEDIATELY. THE CURB INLET FILTER SHOULD BE CLEANED IF A VISUAL INSPECTION SHOWS SILT AND DEBRIS BUILT UP AROUND THE FILTER. SEDIMENT REMOVAL SHALL BE PAID FOR AS SILT BASINS.

SURFACE COURSE INLET FILTER FOR EXISTING CATCH BASIN DETAIL
NOT TO SCALE

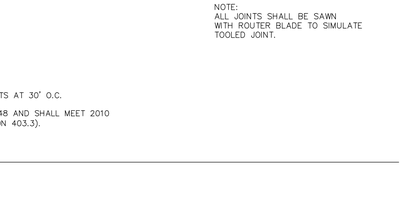


NOTE:
EXPANSION JOINTS SHALL BE PROVIDED EVERY 30' IN ACCORDANCE WITH TYPICAL EXPANSION JOINT DETAIL.

CONCRETE SIDEWALK



TYPICAL EXPANSION JOINT (FOR SIDEWALK)



NOTE:
ALL JOINTS SHALL BE SAWN WITH ROUTER BLADE TO SIMULATE TOOLED JOINT.

NOTES
1. CONCRETE SCORING 5' O.C. AND EXPANSION JOINTS AT 30' O.C.
2. SIDEWALK CROSS SLOPE BE NO STEEPER THAN 1:48 AND SHALL MEET 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (SECTION 403.3).

SIDEWALK DETAIL
NOT TO SCALE

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owner

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project name/number
USC UPSTATE
ADMINISTRATION BUILDING
PORCH REPAIRS
H34-9541-JV-B

project number
11049.03

seals/signature

THE LANDPLAN GROUP SOUTH, INC. No. 3092
CERTIFICATE OF AUTHORIZATION
SOUTH CAROLINA

SOUTH CAROLINA REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT No. 26168 HOYT C. BURNETT III

issued for
95% CONSTRUCTION DOCUMENTS

date
MAY 15, 2015

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key plan

JOHN C. STOCKWELL ADMINISTRATION BUILDING

sheet title
DETAILS

TLPGS NO. - 721

sheet number
C6.0

drawn by HCB
checked by HCB

ABBREVIATIONS:

AB	ANCHOR BOLT	LB	POUND
ADJ	ADJACENT	LG	LONG
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	LL	LIVE LOAD
AFF	ABOVE FINISHED FLOOR	LLBB	LONG LEG BACK TO BACK
AHU	AIR HANDLING UNIT	LLH	LONG LEG HORIZONTAL
ALUM	ALUMINUM	LLV	LONG LEG VERTICAL
ALT	ALTERNATE	LONG	LONGITUDINAL
APPD	APPROVED	LSL	LONG SLOTTED HOLES
APPROX	APPROXIMATE	LT	LIGHT
ARCH	ARCHITECT	LTWT	LIGHTWEIGHT
B/	BOTTOM OF	MAS	MASONRY
BLDG	BUILDING	MAX	MAXIMUM
BM	BEAM	MECH	MECHANICAL
BOT	BOTTOM	MEZZ	MEZZANINE
BRDG	BRIDGING	MFR	MANUFACTURER
BRG	BEARING	MID	MIDDLE
BLK	BLOCK	MIN	MINIMUM
BTWN	BETWEEN	MISC	MISCELLANEOUS
CANT	CANTILEVER	MJ	MASONRY JOINT
C/C	CENTER TO CENTER	MO	MASONRY OPENING
CHAM	CHAMFER	N	NORTH
CIRC	CIRCULAR	NIC	NOT IN CONTRACT
CJ	CONTROL JOINT	NO	NUMBER
CLR	CLEAR	NOM	NOMINAL
CMU	CONCRETE MASONRY UNITS	NS	NEAR SIDE
COL	COLUMN	NTS	NOT TO SCALE
CONC	CONCRETE	O/O	OUT TO OUT
CONN	CONNECTION	OC	ON CENTER
CONST	CONSTRUCTION	OD	OUTSIDE DIAMETER
CONT	CONTINUOUS	OF	OUTSIDE FACE
CONTR	CONTRACTOR	OPNG	OPENING
COORD	COORDINATE	OPP	OPPOSITE
CTRD	CENTERED	OW	OPEN WEB
D	DEPTH	PAF	POWDER ACTUATED FASTENER
DBE	DECK BEARING ELEVATION	PL	PLATE
DBL	DOUBLE	PLF	POUNDS PER LINEAL FOOT
DET	DETAIL	PROJ	PROJECTION
DIA	DIAMETER	PSF	POUNDS PER SQUARE FOOT
DIAG	DIAGONAL	PSI	POUNDS PER SQUARE INCH
DIM	DIMENSION	PT	PRESSURE TREATED
DL	DEAD LOAD		
DWGS	DRAWINGS		
E	EAST	RAD	RADIUS
EA	EACH	REF	REFERENCE
EB	EXPANSION BOLT	REINF	REINFORCEMENT
EF	EACH FACE	RET	RETURN
EJ	EXPANSION JOINT	REV	REVISION
EL	ELEVATION	RP	RADIUS POINT
ELEV	ELEVATOR	RT	RIGHT
EMBED	EMBEDMENT	RTU	ROOF TOP UNIT
ENGR	ENGINEER		
ESS	EDGE OF SLAB	S	SOUTH
EQ	EQUAL	SA	SLEEVE ANCHOR
EQUIP	EQUIPMENT	SB	SLAB BOLSTER
EQUIV	EQUIVALENT	SCHED	SCHEDULE
ES	EACH SIDE	SECT	SECTION
EW	EACH WAY	SF-	STEP FOOTING
EXP	EXPANSION	SIM	SIMILAR
EXIST	EXISTING	SPEC	SPECIFICATIONS
EXT	EXTERIOR	SP	SPACING,ES
		SQ	SQUARE
FC	FILLED CELL	SSL	SHORT SLOTTED HOLES
FF	FINISHED FLOOR	SS	STAINLESS STEEL
FIN	FINISH	STD	STANDARD
FLR	FLOOR	STIFF	STIFFENERS
FDN	FOUNDATION	STL	STEEL
FRMG	FRAMING	SYMM	SYMMETRICAL
FT	FEET		
FTG	FOOTING	T/	TOP OF
FV	FIELD VERIFY	TB	TIE BEAM
		TC	TIE COLUMN
GALV	GALVANIZED	TCX	TOP CHORD EXTENSION
GA	GAUGE	T&B	TOP AND BOTTOM
		TEMP	TEMPORARY
HORIZ	HORIZONTAL	TRAN	TRANSVERSE
HSA	HEADED STUD ANCHOR	TS	TUBE STEEL
HSB	HIGH STRENGTH BOLT	TYP	TYPICAL
HT	HEIGHT		
		UNO	UNLESS NOTED OTHERWISE
ID	INSIDE DIAMETER		
IF	INSIDE FACE	VERT	VERTICAL
IN	INCH		
INCL	INCLUDE, ING	W	WEST
INT	INTERIOR	W/	WITH
		W/O	WITHOUT
JBE	JOIST BEARING ELEVATION	WP	WORK POINT
		WT	WEIGHT
		WWM	WELDED WIRE MESH

GENERAL NOTES

1. STRUCTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE ENTIRE SET OF PROJECT DRAWINGS, PROJECT MANUAL, AND ALL SHOP DRAWING SUBMITTALS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING AND COORDINATING DIMENSIONS, CLEARANCES AND ALL OTHER COORDINATION ISSUES WITH OTHER TRADES.
3. IN CASE OF CONFLICT BETWEEN VARIOUS STRUCTURAL DRAWINGS, STRUCTURAL PLANS, OR STRUCTURAL DETAILS THE MORE STRINGENT SHALL GOVERN. THE CONTRACTOR SHALL MAKE ALLOWANCE IN HIS BID FOR THE MORE COSTLY CONDITION.
4. IN CASE OF CONFLICT BETWEEN DRAWINGS, DRAWING NOTES, AND SPECIFICATIONS THE MORE STRINGENT SHALL GOVERN. THE CONTRACTOR SHALL MAKE ALLOWANCE IN HIS BID FOR THE MORE COSTLY CONDITION.
5. WORK NOT INDICATED ON THE DRAWINGS, BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE REPEATED.
6. ALL NOTES, DETAILS AND SECTIONS ARE INTENDED TO BE TYPICAL FOR THE GENERAL CONDITIONS INDICATED OR REFERENCED. ALL NOTES, DETAILS AND SECTIONS SHALL APPLY TO ANY SIMILAR SITUATION THROUGHOUT THE ENTIRE PROJECT UNLESS A SEPARATE NOTE, DETAIL OR SECTION IS PROVIDED.
7. REVIEW ALL PROJECT DOCUMENTS PRIOR TO FABRICATION AND START OF CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE OWNER OR OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH WORK.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT EXISTING AND IN PLACE WORK OR UTILITIES DURING CONSTRUCTION
9. COORDINATE STRUCTURAL DRAWINGS WITH OTHER CONTRACT DRAWINGS, SPECIFICATIONS, OR SHOP DRAWINGS WHICH MAY AFFECT THE STRUCTURAL WORK.
10. USE OF REPRODUCED CONTRACT DRAWINGS IN PART OR WHOLE FOR THE PURPOSE OF SHOP DRAWING PREPARATION SHALL NOT RELIEVE THE CONTRACTOR OR SUBCONTRACTOR FROM THE REQUIREMENT TO ACCURATELY LAYOUT, COORDINATE, DETAIL, FABRICATE AND INSTALL A COMPLETE STRUCTURE.
11. ALL SUBMITTALS SHALL BE REVIEWED BY THE SUBCONTRACTOR AND CONTRACTOR FOR CONFORMANCE TO THE CONTRACT DOCUMENTS, FOR COMPLETENESS, AND TO RESPOND TO CONTRACTOR COORDINATION RELATED QUESTIONS PRIOR TO SUBMITTING FOR APPROVAL. ALL SHEETS SHALL BE STAMPED AND INITIALED BY THE CONTRACTOR INDICATING SUCH A REVIEW HAS BEEN COMPLETED PRIOR TO ISSUING SUBMITTAL FOR APPROVAL.
12. CONTRACTOR SHALL MAKE NO DEVIATIONS FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN APPROVAL.
13. ALL ELEVATIONS INDICATED IN STRUCTURAL DRAWINGS ARE IN REFERENCED TO A LOW LANDING FINISHED SLAB ELEVATION OF 0'-0" UNLESS NOTED OTHERWISE. SEE CIVIL FOR LOW LANDING FINISHED SLAB ELEVATION.
14. ALL EXTERIOR COMPONENTS AND CLADDING SUBJECT TO COMPONENTS AND CLADDING LOADING AS DIRECTED BY THE IBC. IT IS THE G.C. AND COMPONENT MANUFACTURER'S RESPONSIBILITY TO ENSURE ALL COMPONENTS HAVE BEEN DESIGNED AND/OR TESTED TO MEET THE COMPONENTS AND CLADDING LOADING SPECIFIC TO THIS SITE AS REQUIRED BY THE IBC.
15. ALL DIMENSIONS LABELED WITH THE PREFIX "±" ARE APPROXIMATE AND SHALL BE FIELD-VERIFIED BY GC

MASONRY

1. ALL MASONRY SHALL CONFORM TO SPECIFICATION SECTION 042000-"UNIT MASONRY"
2. MASONRY CONSTRUCTION SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (ACI/ASE 530-05) AND "SPECIFICATIONS FOR MASONRY STRUCTURES (ACI/ASCE 530.0-05) EXCEPT AS MODIFIED OR AMENDED BY THE CONTRACT DOCUMENTS
3. LAP SPLICES FOR STEEL REINFORCING SHALL BE PER SCHEDULES.
4. GROUT MASONRY AT ALL REINFORCING. LOCATIONS SHOWN IN PLANS, SCHEDULES AND DETAILS AND AS REQUIRED FOR MISCELLANSOUS ANCHORAGE.
5. GROUT SOLID ALL MASONRY BELOW GRADE, INCLUDING BUT NOT LIMITED TO STEM WALLS AND RETAINING WALLS.
6. CAP ALL UNREINFORCED CELLS NOT SPECIFICALLY NOTED TO BE GROUTED WITH CLOSURE PLATES OR SCREENS PRIOR TO GROUTING.
7. EXTEND ALL NON-LOAD BEARING WALLS A MINIMUM OF 8" ABOVE CEILING AND CAP WITH A CONTINUOUS BOND BEAM REINFORCED WITH (2)-#5'S UNLESS NOTED OTHERWISE
8. PROVIDE LINTELS OVER ALL OPENINGS PER PLANS, SCHEDULES, AND DETAILS. PROVIDE OVER ALL OPENINGS WIDER THAN 12" INCLUDING HVAC DUCTS, PIPING, EMBEDED PANELS AND CABINETS, AND CONDUIT.
9. PROVIDE POURED SILL UNITS WITH KNOCK-OUT BOTTOMS AT THE BOTTOM OF ALL OPENINGS AND REINFORCE PER SCHEDULES AND DETAILS.
10. ALL OPENINGS FOR ELEMENTS PASSING THROUGH MASONRY WALLS SHALL BE BUILT IN AS WORK PROGRESSES. SAW CUTTING OR CORING OF COMPLETED MASONRY CONSTRUCTION IS NOT PERMITTED.
11. ALL OPENINGS FOR ELEMENTS PASSING THROUGH MASONRY WALLS SHALL BE COORDINATED SUCH THAT THEY DO NOT PASS THROUGH OR INFRINGE ON OTHER MASONRY LINTELS INCLUDING THE FULL DEPT OF THE LINTEL FOR THE FULL WIDTH OF THE BEARING.
12. COORDINATE VERTICAL REINFORCING WITH ALL SCHEDULES, DETAILS AND TYPICAL DETAILS
13. PROVIDE MASONRY CONTROL JOINTS LOCATED AND REINFORCED PER PLANS, NOTES AND TYPICAL DETAILS
14. GROUT A MINIMUM OF 24" (OR TO BOND BEAM BELOW IF LESS THAN 24") ALL BEARING PLATES.
15. COORDINATE INSTALLATION OF MASONRY WALLS WITH ALL TRADES AND STRUCTURAL DETAILS TO ENURE PROPER INSTALLATION SEQUENCE
16. THE MASONRY WALLS ARE NOT DESIGNED TO WITHSTAND TEMPORARY CONSTRUCTION LOADS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN, INSTALL AND MAINTAIN BRACING TO STABILIZE MASONRY WALLS DURING CONSTRUCTION.
17. FIELD TESTING AND INSPECTION OF MASONRY MATERIALS AND MASONRY CONSTRUCTION SHALL BE COMPLETED BY AN INDEPENDENT TESTING AGENCY COMMISSIONED BY THE OWNER, AND SHALL BE IN ACCORDANCE WITH THE SCHEDULE OF SPECIAL INSPECTIONS.

POST INSTALLED STRUCTURAL ANCHORS

1. ALL POST INSTALLED STRUCTURAL ANCHORS SHALL CONFORM TO SPECIFICATION SECTION 050520-"POST INSTALLED STRUCTURAL ANCHORS"
2. NOTED EMBEDMENT DEPTHS ARE FROM FACE OF CMU OR FACE OF CONCRETE
3. ALL INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH THE MANUFACTURER'S DATA AND THE ASSOCIATED ICC REPORT.
4. ALL PERSONNEL INSTALLING ANCHORS SHALL HAVE ATTENDED INSTALLER TRAINING PER THE SPECIFICATIONS
5. FIELD TESTING AND INSPECTION OF POST INSTALLED ANCHOR MATERIALS AND POST INSTALLED ANCHOR INSTALLATION SHALL BE COMPLETED BY AN INDEPENDENT TESTING AGENCY COMMISSIONED BY THE OWNER, AND SHALL BE IN ACCORDANCE WITH THE SCHEDULE OF SPECIAL INSPECTIONS.

STRUCTURAL STEEL FRAMING

1. ALL STRUCTURAL STEEL FRAMING SHALL CONFORM TO SPECIFICATION SECTION 051200-"STRUCTURAL STEEL FRAMING".
2. ALL STRUCTURAL STEEL ERECTION SHALL COMPLY WITH AISC 360-05 AND AISC 303-05.
3. CUTS OR BURNING OF HOLES IN STRUCTURAL STEEL MEMBERS IN THE FIELD WILL NOT BE PERMITTED.
4. THE CONTRACTOR SHALL PROVIDE TEMPORARY BRACING OR GUYS TO PROVIDE LATERAL SUPPORT OF THE STRUCTURAL STEEL UNTIL THE PERMANENT LATERAL FORCE RESISTING SYSTEM IS COMPLETED.
5. THE ERECTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE OWNER'S SPECIAL INSPECTOR FOR PRE-INSTALLATION VERIFICATION OF SLIP CRITICAL BOLT TIGHTENING PROCEDURES.
6. FIELD TESTING AND INSPECTION OF STRUCTURAL STEEL MATERIALS AND STRUCTURAL STEEL T INSTALLATION SHALL BE COMPLETED BY AN INDEPENDENT TESTING AGENCY COMMISSIONED BY THE OWNER, AND SHALL BE IN ACCORDANCE WITH THE SCHEDULE OF SPECIAL INSPECTIONS.

FIELD WELDING

1. ALL FIELD WELDING SHALL CONFORM TO SPECIFICATION SECTION 051200-"STRUCTURAL STEEL FRAMING" FOR WELDING STRUCTURAL STEEL FRAMING
2. ALL FIELD WELDING SHALL CONFORM TO SPECIFICATION SECTION 054000-"COLD FORMED METAL FRAMING", 054100-"ENGINEERED COLD FORMED METAL FRAMING", AND 054400-"ENGINEERED COLD FORMED METAL TRUSSES" FOR WELDING COLD FORMED MEMBERS
3. ALL FIELD WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1, "STRUCTURAL WELDING CODE-STEEL" AND AWS D1.3, "STRUCTURAL WELDING CODE-SHEET STEEL", LATEST EDITIONS
4. ALL FIELD WELDING SHALL BE IN STRICT ACCORDANCE WITH WRITTEN WELD PROCEDURE (WPS) FOR THE GIVEN WELD CONDITION
5. REPAIR ALL DAMAGED GALVANIZING, PRIMER OR PAINT ONCE WELDING IS COMPLETE
6. ELECTRODES SHALL BE STORED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.
7. ALL PERSONNEL COMPLETING FIELD WELDS SHALL BE CERTIFIED IN ACCORDANCE WITH AWS TO PERFORM THE GIVEN WELD.
8. FIELD TESTING AND INSPECTION OF FIELD WELDING MATERIALS AND FIELD WELDING SHALL BE COMPLETED BY AN INDEPENDENT TESTING AGENCY COMMISSIONED BY THE OWNER, AND SHALL BE IN ACCORDANCE WITH THE SCHEDULE OF SPECIAL INSPECTIONS.

COLD-FORMED STEEL FRAMING

1. ALL PRESCRIPTIVE BASED COLD-FORMED STEEL FRAMING SHALL CONFORM TO SPECIFICATION SECTION 054000-" COLD-FORMED STEEL FRAMING".
2. THE USE OF THE TERM LIGHT GAUGE SHALL BE EQUIVALENT TO COLD-FORMED
3. WHERE NOT SPECIFICALLY INDICATED ALL FASTENERS SHALL BE MINIMUM OF #10 SELF DRILLING SCREWS.
4. ALL FASTENERS UNDER SHEATHING SHALL HAVE LOW PROFILE HEADS
5. ALL MECHANICAL FASTENERS SHALL HAVE A MINIMUM SPACING AND EDGE DISTANCE OF THREE FASTENER DIAMETERS
6. ALL MECHANICAL FASTENERS SHALL EXTEND THROUGH CONNECTED MEMBERS BY A MINIMUM OF THREE THREADS
7. FRAMER SHALL ENSURE PUNCHOUT ALIGNMENT WHEN USING COLD ROLLED CHANNEL BRIDGING
8. FIELD TESTING AND INSPECTION OF COLD FORMED STEEL FRAMING AND ASSOCIATED INSTALLATION SHALL BE COMPLETED BY AN INDEPENDENT TESTING AGENCY COMMISSIONED BY THE OWNER, AND SHALL BE IN ACCORDANCE WITH THE SCHEDULE OF SPECIAL INSPECTIONS.

STRUCTURAL DESIGN CRITERIA

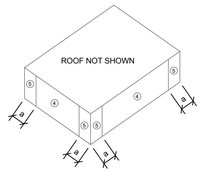
1. FOUNDATION DESIGN VALUES: N/A
2. GRAVITY LOAD DESIGN VALUES: IBC-2012 / ASCE 7-10

   FLOOR LIVE LOADS:
   STAIRS AND EXIT WAYS 100-PSF

   GROUND SNOW LOADS:
   SNOW 10-PSF

   DEAD LOADS:
   ACTUAL MATERIAL WEIGHTS PER ASCE 7-10, SEE ARCHITECTURAL DRAWINGS FOR ROOF, WALL, AND FLOOR CONSTRUCTION

3. SEISMIC DESIGN VALUES: IBC-2012 / ASCE 7-10
   SITE CLASS: D (ASSUMED)
   BUILDING RISK CATEGORY "III"
   IMPORTANCE FACTOR: 1.25
   S1 = 0.106 g
   Ss = 0.268 g
   Sd1 = 0.167 g
   Sds = 0.283 g
   SEISMIC DESIGN CATEGORY: C
   METHOD OF ANALYSIS: N/A
   LATERAL SYSTEM: N/A



WALL ZONE DIAGRAM
(ROOF ZONES NOT APPLICABLE)
a=6.5 ft.

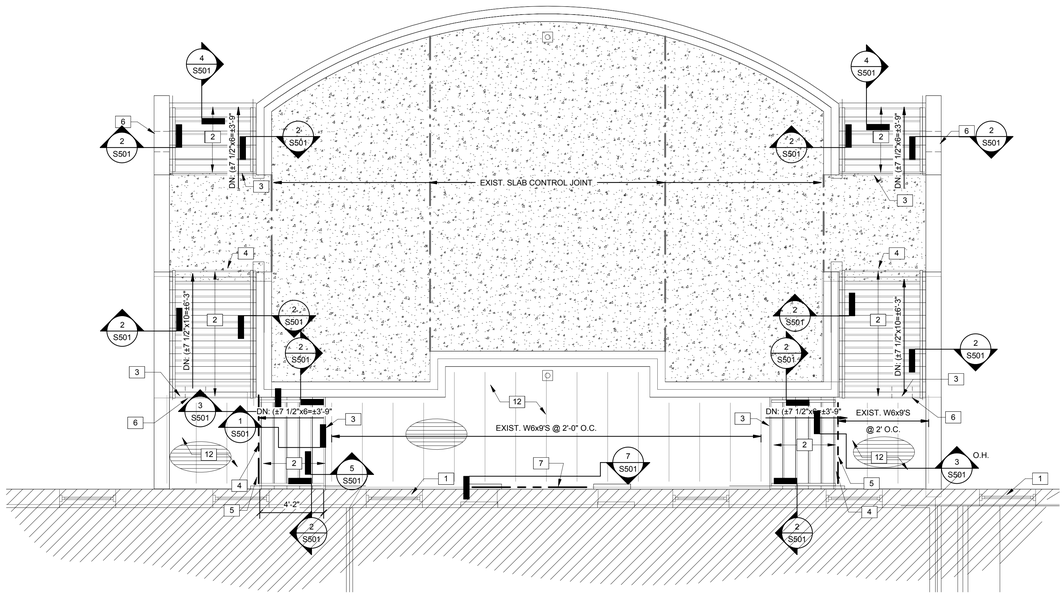
4. WIND LOAD DESIGN VALUES: IBC-2012 / ASCE 7-10
   V = 120 mph (3-sec gust)
   BUILDING RISK CATEGORY: "III"
   EXPOSURE CATEGORY: "C"
   ENCLOSURE CLASSIFICATION: ENCLOSED

   WIND DIRECTIONALITY FACTOR: Kd = 0.85
   TOPOGRAPHIC FACTOR: Kzt = 2.0 (AT 1ST FLR REAR PORCH),
   Kzt = 1.22 (AT 2ND FLR ABOVE REAR PORCH)
   VELOCITY EXPOSURE COEFFICIENT: Kz = 1.103
   VELOCITY PRESSURE: q = ### psf

   INTERNAL PRESSURE COEFFICIENT: GCpi = +/- 0.18

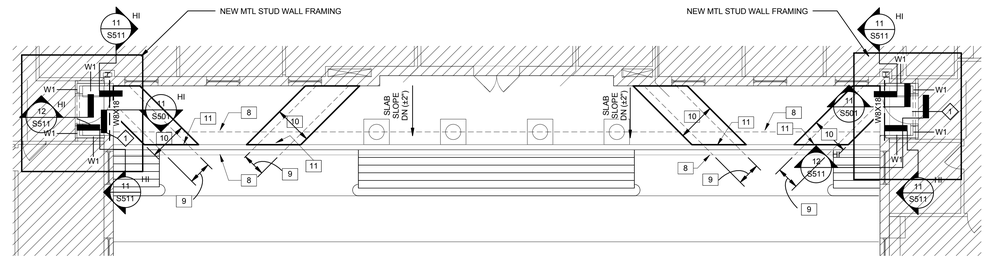
   ALLOWABLE INTERSTORY DRIFT: N/A
   COMPONENTS AND CLADDING PRESSURES: SEE TABLE BELOW

Area (sf)	Zone	Wind Press (psf) Max.	Min
10	4	38.66	-41.94
20	4	36.87	-40.15
50	4	34.63	-37.91
100	4	32.84	-36.12
10	5	38.66	-51.79
20	5	36.87	-48.36
50	5	34.63	-43.73
100	5	32.84	-40.15



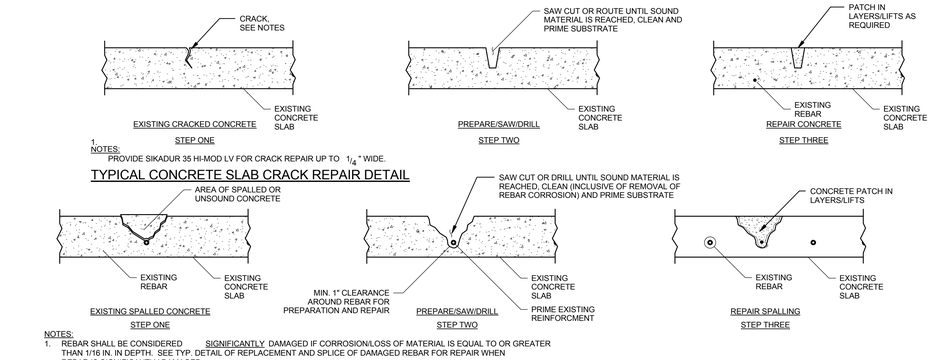
1 REAR PORCH REPAIR AND REAR WALL FRAMING PLAN

1/4" = 1'-0"



2 WALL FRAMING AT FRONT PORCH

1/8" = 1'-0"



NOTES:
PROVIDE SIKADUR 35 HI-MOD LV FOR CRACK REPAIR UP TO 1/4 " WIDE.

TYPICAL CONCRETE SLAB CRACK REPAIR DETAIL

NOTES:
1. REBAR SHALL BE CONSIDERED SIGNIFICANTLY DAMAGED IF CORROSION/LOSS OF MATERIAL IS EQUAL TO OR GREATER THAN 1/16 IN. IN DEPTH. SEE TYP. DETAIL OF REPLACEMENT AND SPLICE OF DAMAGED REBAR FOR REPAIR WHEN REBAR IS SIGNIFICANTLY DAMAGED.
2. PRIMER (FOR SUBSTRATE, INCLUSIVE OF REBAR) SHALL CONSIST OF SIKADUR 32 HI-MOD BONDING AGENT
3. PROVIDE SIKA REPAIR 222 (MORTAR) FOR REPAIR OF ALL HORIZONTAL SPALLING CONCRETE SURFACES BELOW.

REPAIR AT REBAR W/ SURFACE (INSIGNIFICANT) CORROSION OF REBAR

3 CONCRETE SLAB REPAIR DETAIL

1" = 1'-0"

EPOXIES FOR CRACK REPAIRS:

EPOXIES AND SEALANTS SHALL BE SIKA PRODUCTS.

THE SIKA REPRESENTATIVE SHALL VERIFY THE PROPER PRODUCT IS BEING USED FOR THE PROPER REPAIR:
1. SEALANT FOR BRICK WORK SHALL BE SIKAFLEX 15LM.
2. INJECTION RESIN FOR CMU & BRICK SHALL BE SIKADUR 35 HI MOD LV.
3. INJECTION RESIN FOR CONCRETE SHALL BE SIKADUR 35 HI MOD LV.
4. SPALL REPAIRS HORIZONTAL SHALL BE SIKA REPAIR 222 FOR HORIZONTAL SURFACES, AND SIKA REPAIR 223 FOR OVERHEAD AND VERTICAL SURFACES.

PORCH REPAIR GENERAL NOTES

- TYPICAL EXIST. SLAB CONSTRUCTION IS 4" SLAB ON GRADE, U.N.O. (SEE LEGEND BELOW FOR EXCEPTION)
- INDICATES SPAN DIRECTION OF EXISTING SLAB ON DECK, WHICH CONSISTS OF 3" LIGHTWEIGHT SLAB W/ ONE LAYER OF WWR ON 9/16" DEEP NON-COMPOSITE FLOOR DECK (TOTAL DEPTH = 3").

WALL FRAMING PLAN GENERAL NOTES

W#
- INDICATES LIGHT GAUGE METAL STUD WALL OF WALL TYPE "W#" - SEE SCHEDULE ON 1/S511 AND TYPICAL DETAILS ON S511 FOR FRAMING REQUIREMENTS

#
- INDICATES LIGHT GAUGE METAL STUD WALL OPENING OF TYPE "#" - SEE SCHEDULE ON 1/S511 AND TYPICAL DETAILS ON S511 FOR FRAMING REQUIREMENTS

KEYED NOTES (THIS SHEET ONLY)

1 FACE OF EXISTING BUILDING; BRICK VENEER FACE
2 PROVIDE 1/8" THK H.D.G. STEEL PLATE OVERLAY ON STAIRS PER TYPICAL DETAILS (1 & 2/S501); ALL FIELD WELDS SHALL BE REPAIRED W/ COLD GALVANIZING REPAIR PAINT
3 TERMINATE OVERLAY PLATE ON STAIRS INTO SLAB AS SHOWN ON TYPICAL DETAIL 5/S501
4 TERMINATE OVERLAY PLATE ON STAIRS INTO SLAB AS SHOWN ON TYPICAL DETAIL 6/S501
5 REMOVE EXIST. W6x9 @ BASE OF STAIRS & REPLACE W/ HDG HSS8x4x1/4, W/ 1/4" CAP PLATE EA. END; PROVIDE NEW 1/2" x 10"x6" BRG. PLATE W/ (2) 5/8" DIA. x 5" EMBED. EPOXY BOLTS @ EA. END FOR ATTACHMENT TO EXISTING CMU WALL; ATTACH TO BRG. PLATE W/ MIN. EFF. 5/16" x 3" FLARE BEVEL WELD. ALL COMPONENTS TO BE HDG. BRG. CONDITION SHALL BE VERIFIED PRIOR TO FABRICATION

KEYED NOTES (THIS SHEET ONLY)

6 PRIOR TO PROVISION OF PLATE OVERLAY AT ADJACENT STAIRS, GC CREATE OPENING IN EXISTING CMU (PLUS BRICK) WALL TO ALLOW VISUAL ACCESS TO UNDERSIDE OF EXISTING STAIR. NOTIFY EOR ONCE OPENING IS ADDED, SO THAT EOR CAN EVALUATE WHETHER SPECIFIED OVERLAY MAY BE DELETED FROM SCOPE AND WHETHER ADDITIONAL REPAIRS ARE REQUIRED. ONCE EOR REVIEW IS COMPLETE AND DIRECTION PROVIDED, GC SHALL REPAIR OPENING WITH SIMILAR CMU AND/OR DRY-PACKED GROUT, AND BRICK VENEER TO MATCH EXISTING (SEE ARCH.)
7 REMOVE & REPLACE 4'-0" WIDE PIECE OF EXISTING C8x11.5 SUPPORTING EXISTING W6'S; CENTER SEGMENT TO BE REMOVED AT CORRODED SEGMENT; MAKE CUTS OF C8 ADJACENT TO AND BEYOND EXISTING ANCHORAGE POINTS; PROVIDE 3/4" x 6" EMBED. EPOXY BOLTS @ 24" O.C. (MIN=3) TO FACE OF WALL; PROVIDE NEW 3/8" TAB PLATES, TO BE WELDED TO C8 & TO WEBS OF W6('S) W/ 1/4" FILLET WELD
8 EDGE OF EXIST. +/-1'-0" THK. x +/-3'-0" WIDE FTG BELOW CONCR. WALL; T/FTG EL = APPROX. 5'-0" BELOW SLAB; NOTE THAT EXCAVATION FOR PIPE IS TO EXTEND BELOW FTG. SEE TYP DTL 10/S501 FOR REQUIREMENTS WHERE PIPE EXTENDS UNDER EXIST. FTG.
9 SEE CIVIL DRAWINGS FOR PIPING; MAX WIDTH OF EXCAVATION FOR INSTALLATION OF PIPE BELOW GRADE = +/-3'-0"
10 SEE CIVIL DRAWINGS FOR PIPING; CUT SLAB +/- 5'-0" WIDE AND EXCAVATE AS NOTED ON THIS DRAWING, W/ EDGE OF EXCAVATION 1'-0" MIN. FROM EA. EDGE OF SLAB CUT; AFTER BACK-FILLING PER SLAB TRENCHING DETAIL, PROVIDE NEW SLAB W/ THK & SLOPE TO MATCH EXIST. (5'-0" THK) W/ ONE LAYER OF 6x6-W2.1xW2.1 WWR; SEE TYP. DTL FOR ATTACHMENT TO ADJACENT EXIST. SLAB; PROVIDE CONCR. PROPERTIES AS FOLLOWS: N.W. CONCR. W/ f'c=3 KSI; AIR CONTENT = 5% +/- 1.5%; PROVIDE STEEL TROWEL FINISH; SEE 10/S501 FOR REQUIREMENTS OF BACK-FILL AND PIPE ELEVATION UNDER EXIST. FTG.
11 AT INTERSECTION OF NEW SLAB W/ EXIST. WALL AT EDGE OF PORCH, PROVIDE 1/2" THK. EXPANSION JOINT FILLER MATERIAL BTW. SLAB & WALL
12 CONTRACTOR SHALL SOUND THE SLAB WITHIN EXTENTS OF THIS LANDING AND CHIP OUT HOLLOW OR LOOSE CONCRETE, THEN PROVIDE PATCHING PER EOR DIRECTION. IF REQUIRED PATCHING IS LESS THAN 6" IN WIDTH AND LENGTH, OR IF ONLY CRACKS (LESS THAN 3/16" IN WIDTH) ARE TO BE REPAIRED, THEN REFER TO CONCRETE REPAIR DETAIL 3/S001

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project name/number

USC UPSTATE
ADMINISTRATION BUILDING
PORCH REPAIRS
H34-9541-JM

project number

11049.03

seals/signature

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ADC ENGINEERING INC.
NO. 00276
REGISTERED PROFESSIONAL ENGINEER
RICHARD G. HAMLIN
No. 28200
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date

MAY 15, 2015

number	item	date

key plan

JOHN C. STOCKWELL ADMINISTRATION BUILDING

sheet title

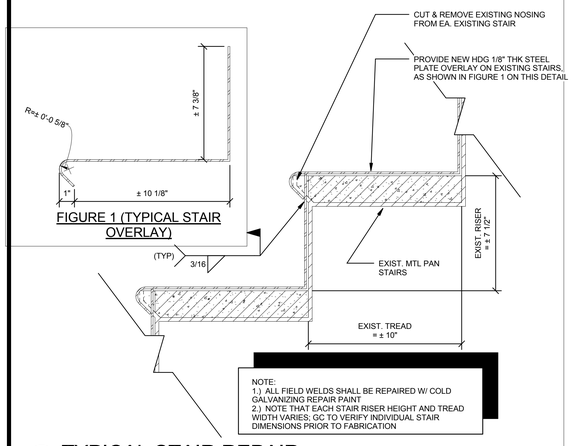
GENERAL NOTES AND FRAMING PLANS

sheet number

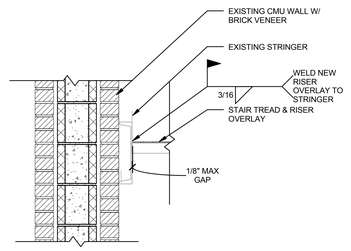
S001

drawn by

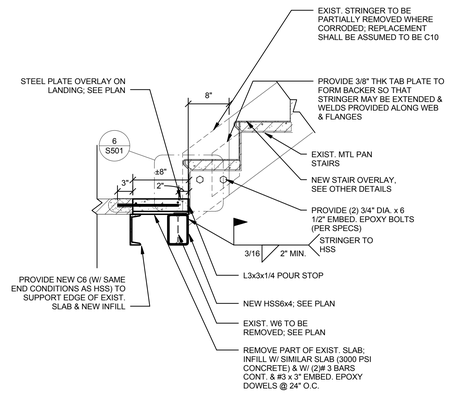
checked by



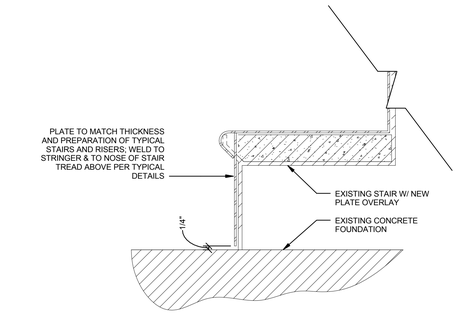
1 TYPICAL STAIR REPAIR
3" = 1'-0"



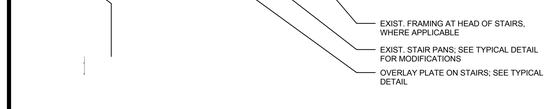
2 TYPICAL STAIR OVERLAY CONNECTION TO EXIST. STRINGERS
1" = 1'-0"



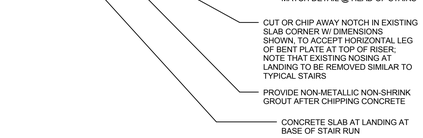
3 SECTION AT REPLACEMENT OF EXISTING W6 @ BASE OF STAIRS
1" = 1'-0"



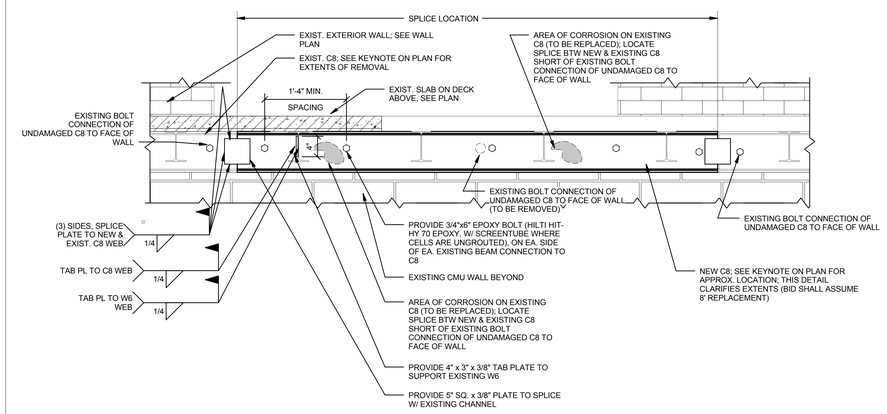
4 SECTION @ BASE OF STAIRS
3" = 1'-0"



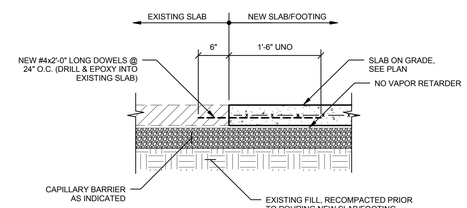
5 TYPICAL OVERLAY PLATE TERMINATION HEAD OF STAIR @ LANDING
3" = 1'-0"



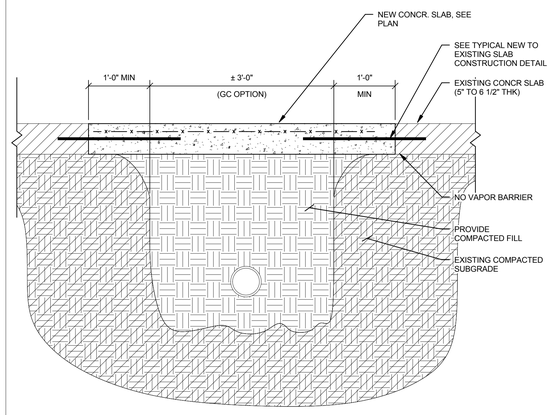
6 TYPICAL OVERLAY PLATE TERMINATION BASE OF STAIR @ LANDING
3" = 1'-0"



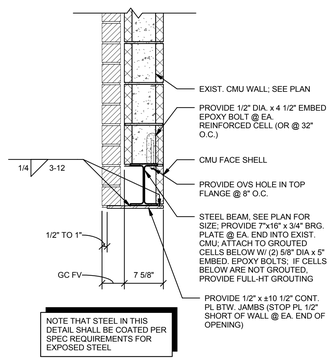
7 ELEVATION OF C8 REPLACEMENT & SPLICE AT HIGH LANDING
1" = 1'-0"



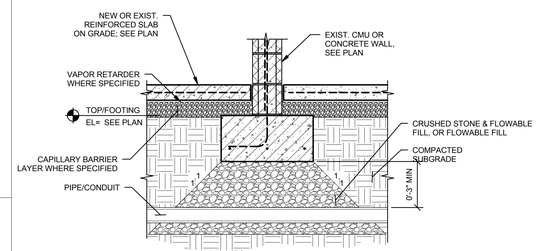
8 TYP. NEW-TO-EXISTING SLAB CONSTRUCTION
1" = 1'-0"



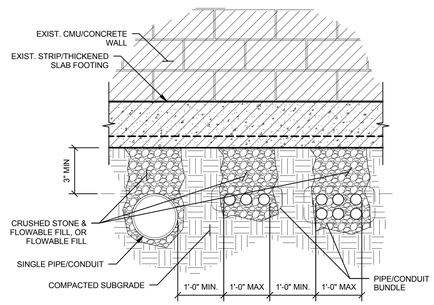
9 TYPICAL SLAB TRENCHING DETAIL
1" = 1'-0"



11 SECTION AT NEW STEEL LINTEL
1" = 1'-0"



SECTION @ STRIP FOOTING



ELEVATION

NOTES:
1. TOP OF FOOTING VARIES, COORDINATE WITH PLANS
2. DETAIL IS TYPICAL WHERE PIPE OR CONDUIT IS LESS THAN 2'-0" BELOW BOTTOM OF FOOTING
3. PIPING OR CONDUIT SHALL NOT BE PERMITTED BELOW SPREAD FOOTINGS

10 TYP. PIPE/CONDUIT BELOW STRIP/THICKENED SLAB FOOTING (OLD)
3/4" = 1'-0"

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JOHN C. STOCKWELL ADMINISTRATION BUILDING

sheet title

SECTIONS & DETAILS AT PORCH REPAIRS

sheet number

S501

drawn by

checked by

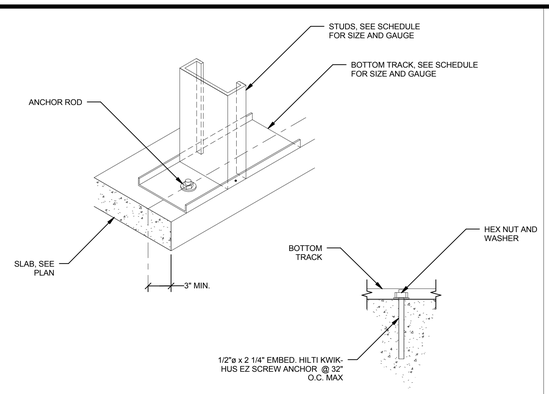
LIGHT GAUGE WALL SCHEDULE					
MARK	STUD SIZE	STUD SPACING	TOP TRACK	BOTTOM TRACK	BRIDGING
W1	400S162-43	16" O.C. MAX	400T200-97	400T150-43	4' O.C. MAX & W/IN 12" OF T/WALL
W2					
W3					

NOTES:
- ALL MATERIAL IS 33KSI UNLESS NOTED OTHERWISE
- SEE TYPICAL DETAILS AND SCHEDULES FOR OPENING CONSTRUCTION AT LOAD BEARING AND EXTERIOR WALLS
- SEE TYPICAL DETAILS FOR TOP AND BOTTOM TRACK CONNECTION TO STUDS
- SEE TYPICAL DETAILS FOR TOP AND BOTTOM TRACK CONNECTION TO STRUCTURE
- COORDINATE ADDITIONAL MINIMUM STUD PROPERTIES WITH RATED ASSEMBLY REQUIREMENTS

LIGHT GAUGE OPENING SCHEDULE					
MARK	KING STUD (EACH SIDE)	JAMB DETAIL	SILL TRACK	BOXED HEADER TRACK	BOXED HEADER JOIST SIZE
1	(1)-400S250-43 + (1)-400T200-43	9/S511	N/A	400T150-43	400S162-43
2					
3					

NOTES:
- SEE TYPICAL DETAILS FOR BOXED HEADER CONSTRUCTION AND ATTACHMENT TO JAMBS
- SEE TYPICAL DETAILS FOR SILL CONSTRUCTION AND ATTACHMENT TO JAMBS
- SEE TYPICAL DETAILS FOR ATTACHMENT OF JAMB BASE/HEAD TO STRUCTURE

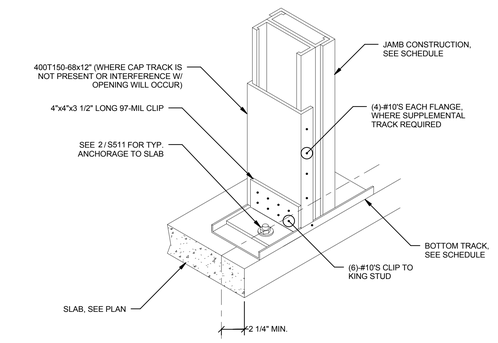
1 METAL STUD WALL & OPENING FRAMING SCHEDULES
1" = 1'-0"



ANCHOR ROD

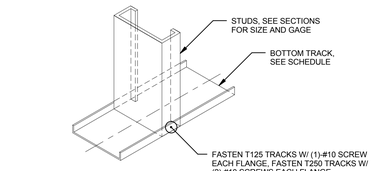
NOTES:
1. DETAIL IS TYPICAL AT ALL LOAD BEARING WALLS, WITH EXCEPTION OF ADDITIONAL ANCHORAGE REQUIREMENTS AT BUILT UP POSTS, JAMBS, AND SHEAR WALL HOLDOWNS (SEE ADDITIONAL DETAILS)

2 TYP. BOTTOM TRACK ANCHORAGE TO SLAB
1" = 1'-0"



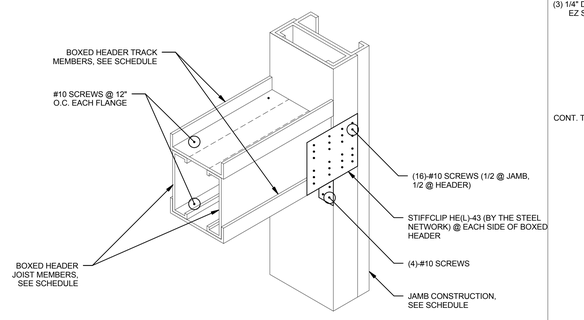
NOTES:
1. DO NOT OVERSIZE HOLE IN CLIP ANGLE
2. CLIP ANGLE SHALL BE DIRECTLY ATTACHED TO KING STUD CONSTRUCTION

3 TYP. JAMB POST BASE
1" = 1'-0"

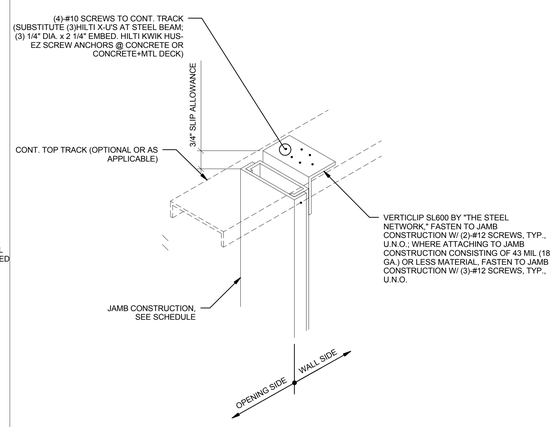


NOTES:
1. CONNECTION IS TYPICAL AT ALL LOAD BEARING TOP AND BOTTOM TRACKS UNO

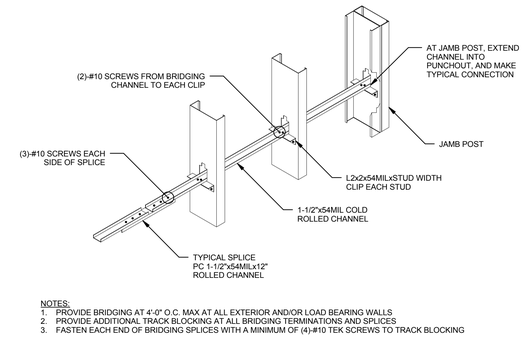
4 TYP. BOTT. TRACK TO STUD CONNECTION
1" = 1'-0"



5 TYP. HEADER CONNECTION TO JAMB
1" = 1'-0"

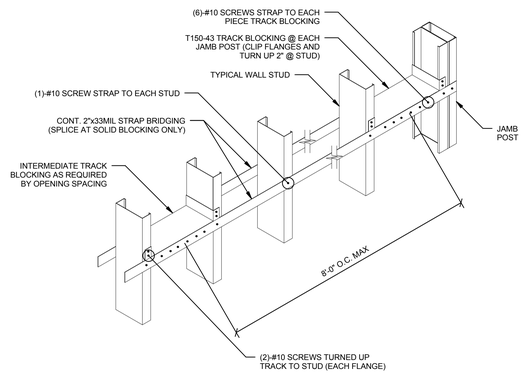


6 TYPICAL JAMB HEAD DETAIL
1" = 1'-0"



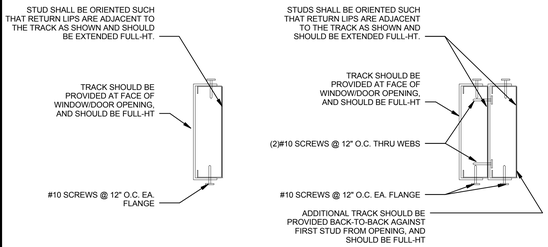
NOTES:
1. PROVIDE BRIDGING AT 4'-0" O.C. MAX AT ALL EXTERIOR AND/OR LOAD BEARING WALLS
2. PROVIDE ADDITIONAL TRACK BLOCKING AT ALL BRIDGING TERMINATIONS AND SPLICES
3. FASTEN EACH END OF BRIDGING SPLICES WITH A MINIMUM OF (4)-#10 TEK SCREWS TO TRACK BLOCKING

7 TYP. BRIDGING (COLD ROLLED CHANNEL OPTION)
1" = 1'-0"



NOTES:
1. PROVIDE BRIDGING AT 4'-0" O.C. MAX AT ALL EXTERIOR AND/OR LOAD BEARING WALLS
2. PROVIDE ADDITIONAL TRACK BLOCKING AT ALL BRIDGING TERMINATIONS AND SPLICES
3. FASTEN EACH END OF BRIDGING SPLICES WITH A MINIMUM OF (4)-#10 TEK SCREWS TO TRACK BLOCKING
4. BRIDGING MAY BE OMITTED ON SHEATHED FACE OF WALLS TO RECEIVE PLYWOOD SHEATHING

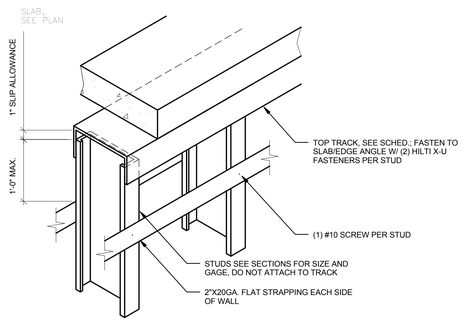
8 TYP. BRIDGING (FLAT STRAP OPTION)
1" = 1'-0"



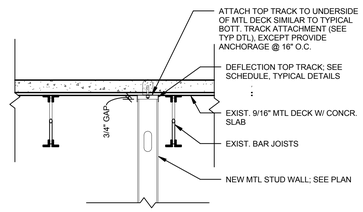
PLAN DETAILS

NOTE: SEE SCHEDULE FOR SPECIFIED KING STUDS, QUANTITIES OF STUDS/TRACKS SPECIFIED THEREIN DETERMINE WHICH PLAN DETAIL IS APPLICABLE

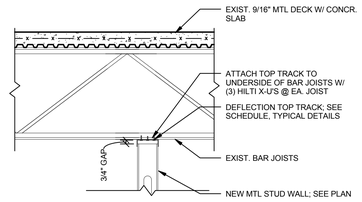
9 TYPICAL JAMB CONSTRUCTION DETAIL
1" = 1'-0"



10 TYPICAL STUD HEAD AT DEFLECTION TRACK
1" = 1'-0"



11 SECTION AT TOP OF WALL PARALLEL TO FLR JOISTS
1" = 1'-0"



12 SECTION AT TOP OF WALL PERPENDICULAR TO FLR JOISTS
1" = 1'-0"

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ADC PROJECT NO.: 13052

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project name/number
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ADMINISTRATION BUILDING
PORCH REPAIRS
H34-9541-JM

project number
11049.03

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NOT FOR CONSTRUCTION
NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 2620 SEAL RICHARD G. HAMLIN

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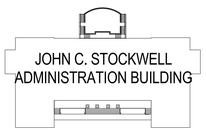
MAY 15, 2015

number	item	date

key plan

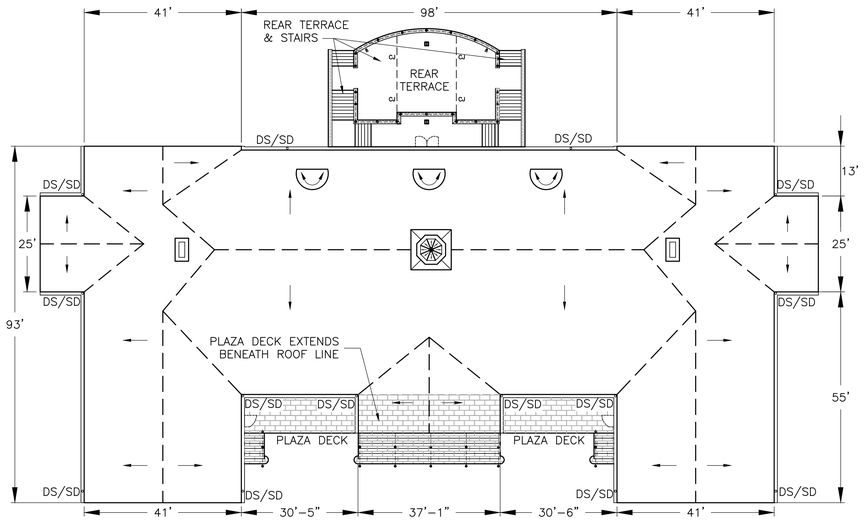


sheet title
LT GA MTL STUD WALL SCHEDULES & DETAILS

sheet number
S511

drawn by

checked by



OVERALL EXISTING PLAN

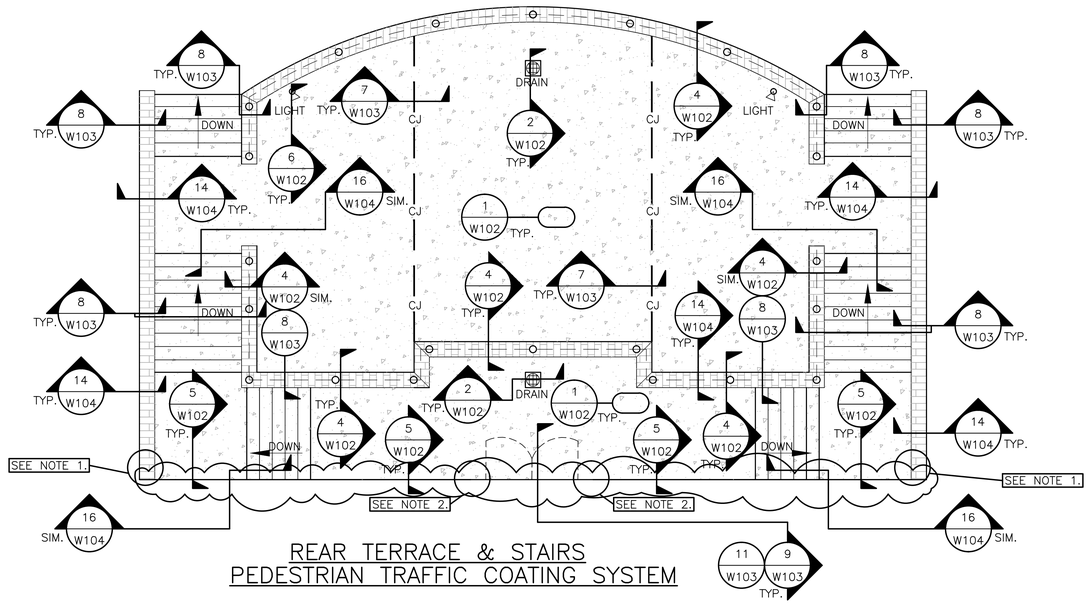
NOTE:

= STONE TILE

PLAN NORTH

16' 8' 0 8' 16' 32'

GRAPHIC SCALE



REAR TERRACE & STAIRS PEDESTRIAN TRAFFIC COATING SYSTEM

PLAN NORTH

NOTES:

1. THRU-WALL FLASHING TO EXTEND A MINIMUM OF 6" BEYOND OUTSIDE EDGE OF WALL TERMINATION INTO MAIN BUILDING.
2. DECORATIVE TRIM AROUND EXIT DOOR TO BE REMOVED, MODIFIED TO RECEIVE THROUGH WALL FLASHING SYSTEM AND REPLACED. SEE DETAIL 10/W103 FOR THRU-WALL FLASHING REQUIREMENTS.
3. ALL MASONRY WALL CONTROL / EXPANSION JOINTS OF THE ENTIRE BUILDING TO BE REPLACED IN ACCORDANCE WITH DETAIL 16/W104.
4. ALL SEALANT JOINTS AROUND ALL WINDOWS AND DOORS OF THE ENTIRE BUILDING ARE TO BE REPLACED IN ACCORDANCE WITH DETAILS 16/W104 & 17/W105.

4' 2' 0 2' 4' 8'

GRAPHIC SCALE

LEGEND

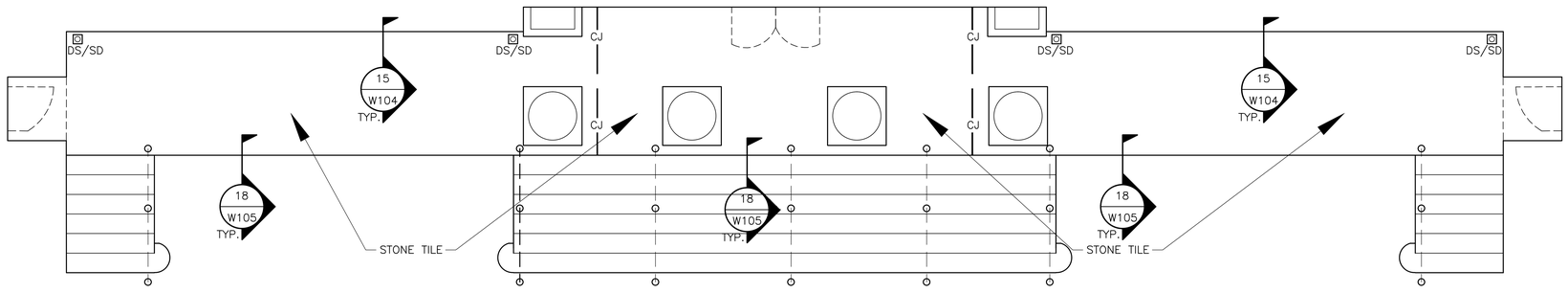
- DS/SD — GUTTER W/ DOWNSPOUT TO STORM DRAIN
- CHIMNEY
- CUPOLA
- BRICK PARAPET WALL
- CJ — CONTROL JOINT
- HAND RIAL
- DOUBLE DOOR
- SINGLE DOOR
- DOWN — STAIRS
- CONCRETE HATCH
- SLATE HATCH
- LIGHT — LIGHT PENETRATION
- SHINGLE DORMER
- DRAIN
- EXTENT OF THRU-WALL FLASHING WORK

ABBREVIATIONS

A	ABANDONED
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
BIA	BRICK INDUSTRY ASSOCIATION
DS	DOWNSPOUT
EPDM	SINGLE PLY
ETC	ET CETERA
HVAC	HEAT/VENTILATION/ AIR CONDITION
LB	POUND
MAX	MAXIMUM
MIN	MINIMUM
N.I.C.	NOT IN CONTRACT
NRCA	NATIONAL ROOFING CONTRACTORS ASSOCIATION
O.C.	ON CENTER
OSHA	OCCUPATIONAL SAFETY AND HEALTH ASSOCIATION
PVC	POLYVINYLCHLORIDE
RD	ROOF DRAIN
SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS ASSOCIATION, INC.
SWRI	SEALANT WATERPROOFING RESTORATION INSTITUTE
TYP	TYPICAL
VTR	VENT THRU ROOF
W/	WITH

DETAILS/SECTION IDENTIFIER

1 / W101 — DETAIL/SECTION LABEL; SHEET SHOWN ON



FRONT ENTRANCE /PLAZA DECK & STAIRS BITUMEN BASED WATERPROOFING SYSTEM

PLAN NORTH

4' 2' 0 2' 4' 8'

GRAPHIC SCALE

GMK ASSOCIATES, INC.

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project name/number

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H34-9541-JV-B

project number

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seals/signature

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sheet number

W101

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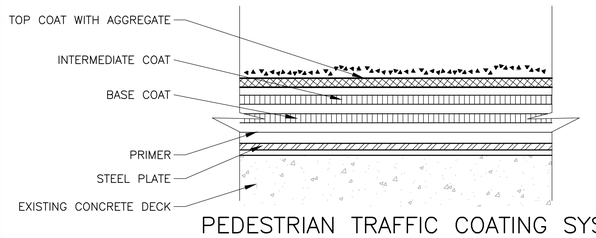
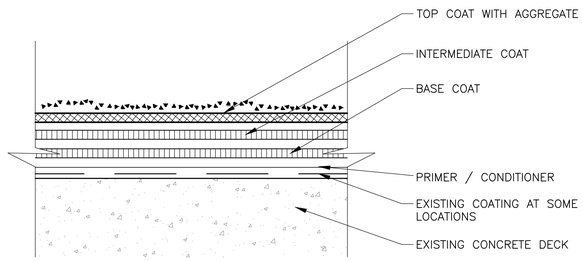


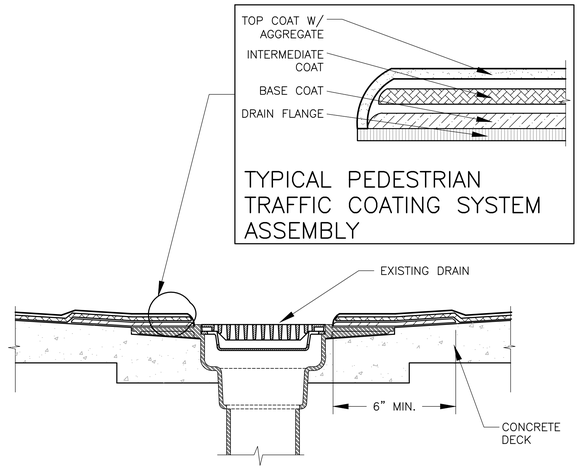
PEDESTRIAN TRAFFIC COATING SYSTEM



PEDESTRIAN TRAFFIC COATING SYSTEM

NOTE:
1. CONCRETE SURFACE TO BE PROPERLY PREPARED CLEANED AND PRIMED BEFORE NEW WATERPROOFING SYSTEM IS INSTALLED.
2. WATERPROOFING MEMBRANE SYSTEM TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURE'S RECOMMENDATION.

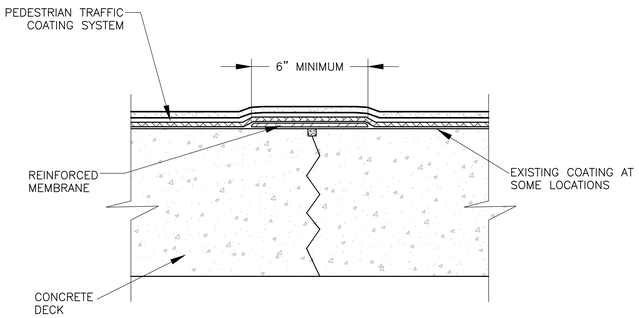
1 / W102 WATERPROOFING ASSEMBLY
NOT TO SCALE (TYPICAL)



TYPICAL PEDESTRIAN TRAFFIC COATING SYSTEM ASSEMBLY

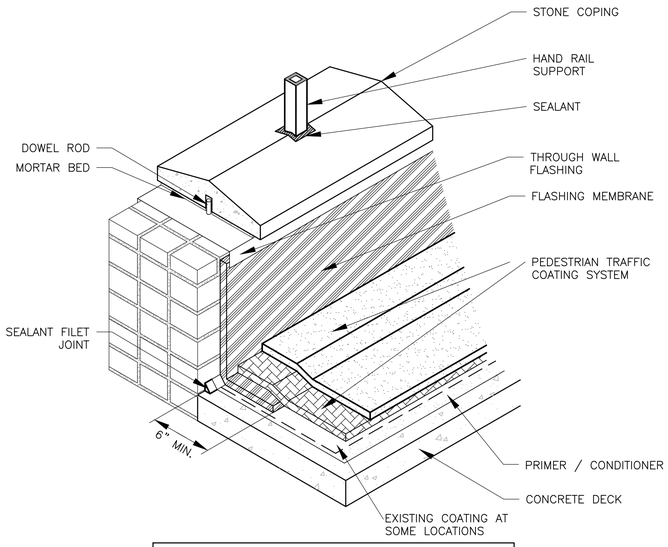
NOTE:
1. CLEAN AND PRIME DRAIN TO RECEIVE FLASHING.

2 / W102 DRAIN FOR PEDESTRIAN TRAFFIC COATING SYSTEM
NOTE SCALE (TYPICAL)



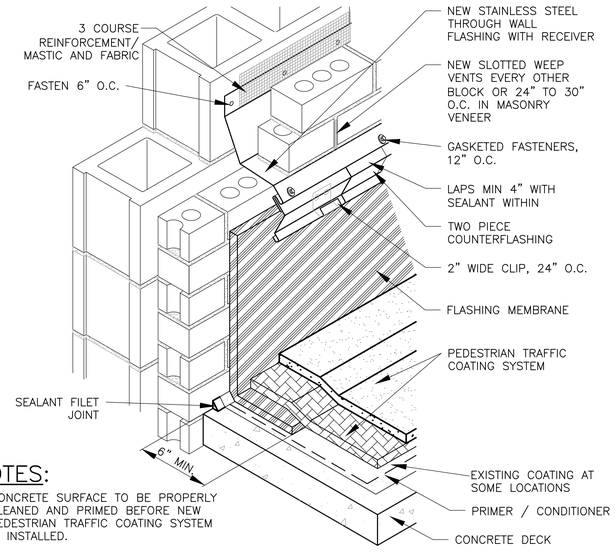
NOTE:
1. STATIC CRACK TO BE PROPERLY CLEANED,PRIMED, AND FREE OF DEBRIS BEFORE REPAIRED.

3 / W102 STATIC CRACK REPAIR FOR PEDESTRIAN TRAFFIC COATING SYSTEM
NOT TO SCALE (TYPICAL)



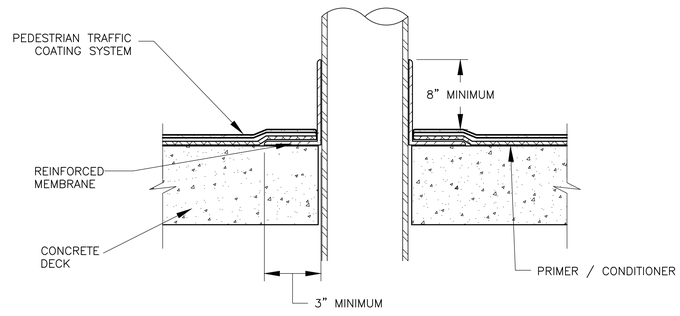
NOTE:
1. NEW COPING SYSTEM TO BE INSTALLED OVER EXISTING BRICK VENEER WALL. SEE ARCHITECTURAL DRAWINGS FOR SPECIFIC COPING AND COPING ATTACHMENT REQUIREMENTS. DOWEL RODS TO BE SEALED AROUND THROUGH WALL FLASHING WITH COMPATIBLE MASTIC
2. COLOR OF FLASHING MEMBRANE FOR WATERPROOFING SYSTEM TO MATCH BRICK COLOR WHERE MEMBRANE TURNS UP WALL.

4 / W102 PEDESTRIAN TRAFFIC COATING SYSTEM AT MASONRY WALL W/ COPING
NOT TO SCALE (TYPICAL)



NOTES:
1. CONCRETE SURFACE TO BE PROPERLY CLEANED AND PRIMED BEFORE NEW PEDESTRIAN TRAFFIC COATING SYSTEM IS INSTALLED.
2. COLOR OF FLASHING MEMBRANE FOR PEDESTRIAN TRAFFIC COATING SYSTEM TO MATCH BRICK COLOR WHERE MEMBRANE TURNS UP WALL.
3. OFFSETS AND REVEALS EXIST IN MASONRY WALLS. (NOT SHOWN ON DETAIL FOR CLARITY)

5 / W102 PEDESTRIAN TRAFFIC COATING SYSTEM AT MASONRY WALL W/ THROUGH WALL FLASHING
NOT TO SCALE (TYPICAL)



NOTE:
1. CONCRETE SURFACE TO BE PROPERLY CLEANED AND PRIMED BEFORE NEW PEDESTRIAN TRAFFIC COATING SYSTEM IS INSTALLED.

6 / W102 PIPE PEDESTRIAN TRAFFIC COATING SYSTEM
NOT TO SCALE (TYPICAL)

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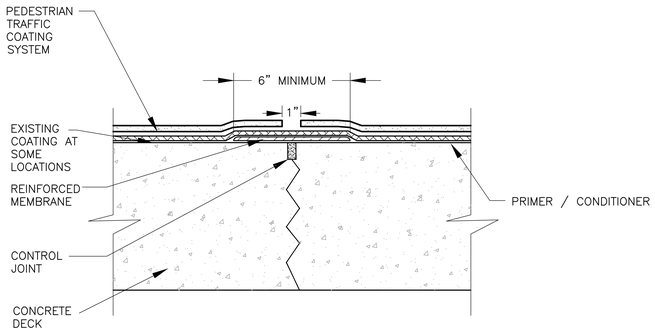
checked by

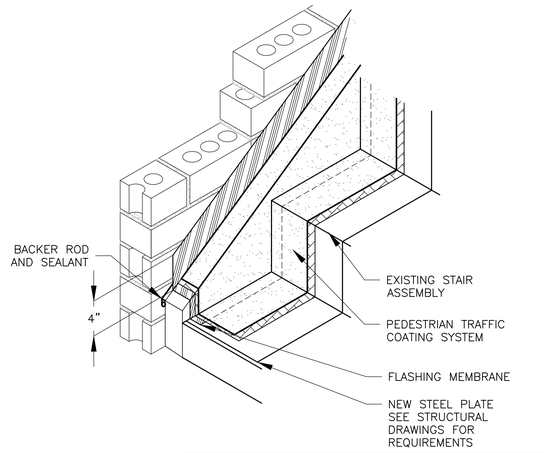


NOTE:

1. CONCRETE SURFACE TO BE PROPERLY CLEANED AND PRIMED BEFORE NEW PEDESTRIAN TRAFFIC COATING SYSTEM IS INSTALLED.

7 W103 CONTROL JOINT REPAIR PEDESTRIAN TRAFFIC COATING SYSTEM

NOT TO SCALE (TYPICAL)

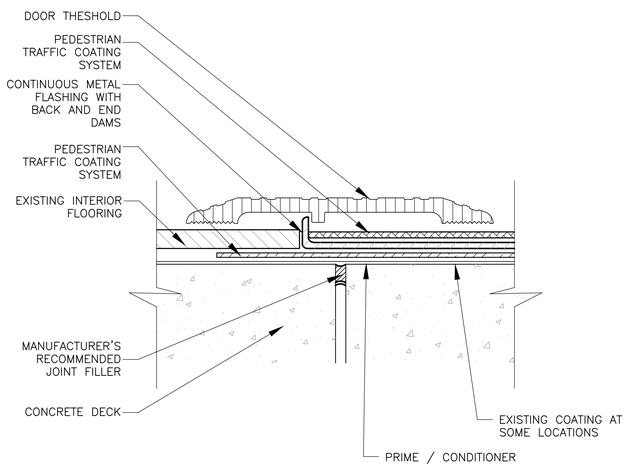


NOTE:

1. SEE ARCHITECTURAL DRAWINGS FOR SPECIFIC STAIR REQUIREMENTS.
2. STAIRS GET COMPLETELY COATED W/ PEDESTRIAN TRAFFIC COATING SYSTEM.
3. COLOR OF FLASHING MEMBRANE FOR PEDESTRIAN TRAFFIC COATING SYSTEM TO MATCH BRICK COLOR WHERE MEMBRANE TURNS UP WALL.

8 W103 PEDESTRIAN TRAFFIC COATING SYSTEM AT STAIRS

NOT TO SCALE (TYPICAL)

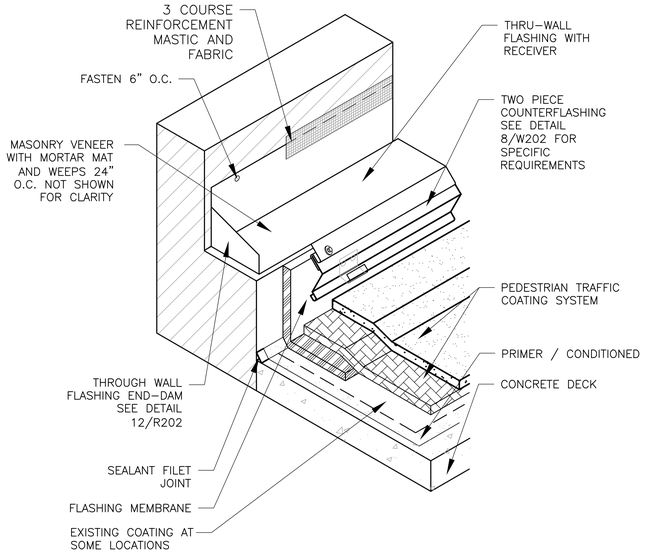


9 W103 DOOR THRESHOLD PEDESTRIAN TRAFFIC COATING SYSTEM

NOT TO SCALE (TYPICAL)

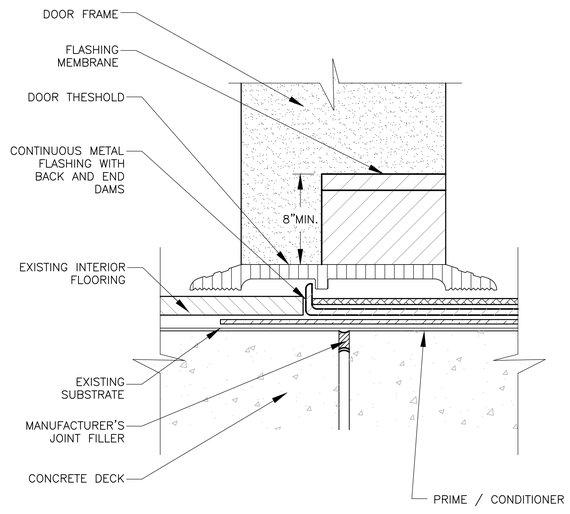
NOTE:

1. SEE 17/W105 FOR TERMINATION AT NEW PVC TRIM.



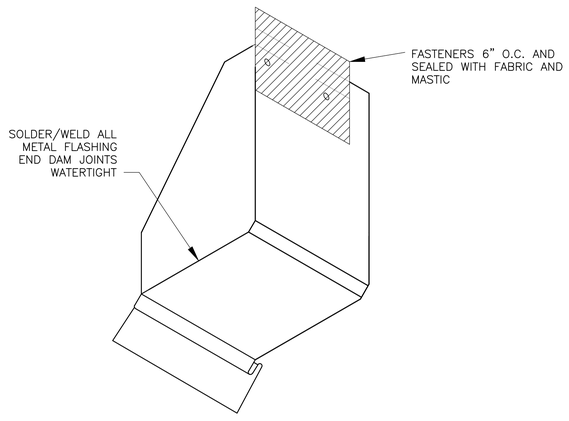
10 W103 THRU-WALL FLASHING BEHIND DOOR COLUMN

NOT TO SCALE (TYPICAL)



11 W103 DOOR FRAMING FLASHING

NOT TO SCALE (TYPICAL)



NOTE:

1. INSTALL END DAM AT ALL FLASHING TERMINATIONS.
2. SEE DETAILS 13/W104 AND 15/W104

12 W103 END DAM

NOT TO SCALE (TYPICAL)

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number	item	date

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sheet title

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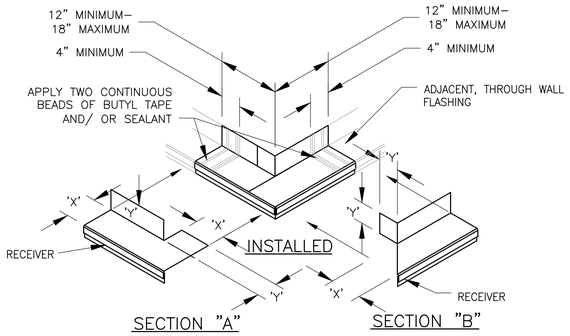
sheet number

W103

drawn by

checked by



STEP 1.
FIELD VERIFY EXISTING WALL CONDITIONS AND MEASUREMENTS FOR PROPER FABRICATION.

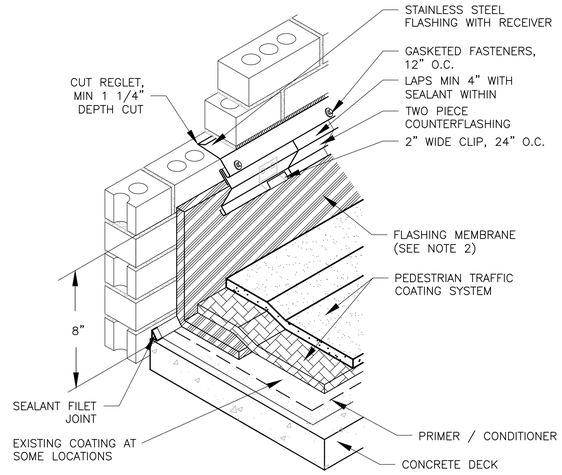
STEP 2.
FABRICATE BOTH SECTIONS "A" AND "B". ALL LAPS SHALL BE CONTINUOUSLY SOLDERED/WELDED WATERTIGHT.

STEP 3.
INSTALL REMAINING ADJACENT THROUGH WALL FLASHING.
LAP METALS A MINIMUM OF 4" WITH 2 CONTINUOUS BEADS OF BUTYL TAPE/SEALANT PRESENT BETWEEN METALS AT THE HORIZONTAL AND VERTICAL LEGS OF THE LAP.

STEP 4.
INSTALL A 3–COURSE FABRIC AND MASTIC APPLICATION ALONG THE TOP EDGE OF THE FLASHING AT THE BACKUP WALL. IN ACCORDANCE WITH THE THROUGH WALL FLASHING DETAIL.

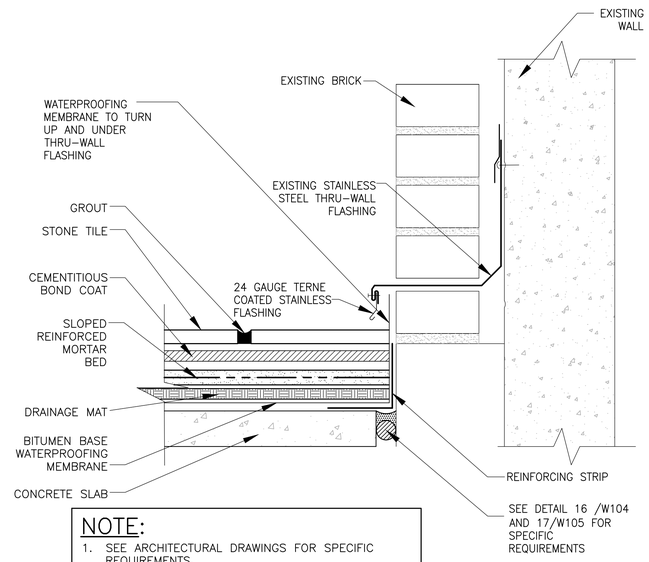
NOTE:
1. SEE DETAILS 12/W103 AND 15/W104

13 / W104 FABRICATED THRU–WALL FLASHING CORNER WITH RECEIVER
NOT TO SCALE (TYPICAL)



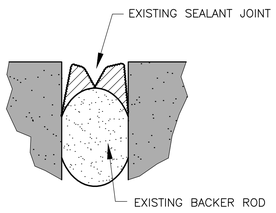
NOTE:
1. CONCRETE SURFACE AND / OR COATING TO BE PROPERLY CLEANED AND PRIMED BEFORE NEW PEDESTRIAN TRAFFIC COATING SYSTEM IS INSTALLED.
2. COLOR OF FLASHING MEMBRANE FOR WATERPROOFING SYSTEM TO MATCH BRICK COLOR WHERE MEMBRANE TURNS UP WALL.
3. OFFSETS AND REVEALS EXIST IN MASONRY WALLS.

14 / W104 BASE FLASHING AT MASONRY WALL
NOT TO SCALE (TYPICAL)

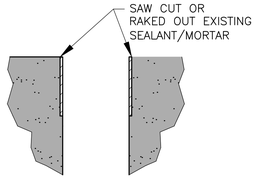


NOTE:
1. SEE ARCHITECTURAL DRAWINGS FOR SPECIFIC REQUIREMENTS.
2. SEE DETAILS 12/W103 & 13W104.
3. OFFSETS AND REVEALS EXIST IN MASONRY WALLS.

15 / W104 THRU WALL FLASHING
NOT TO SCALE (TYPICAL)

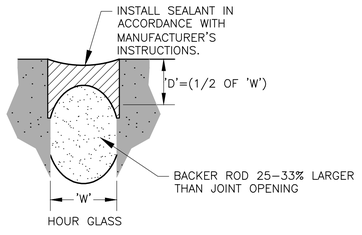


EXISTING STANDARD JOINT
STEP ONE



NOTES:
1. A SEALANT IS NO BETTER THAN THE SURFACE TO WHICH IT IS ATTACHED. PROPER PREPARATION IS CRITICAL.
2. THE MANUFACTURERS INSTRUCTIONS MUST BE CAREFULLY FOLLOWED TO OBTAIN PROPER SEALANT ADHESION.
3. ADHERE TO THE JOINT DESIGN AND APPLICATION REQUIREMENTS.

PREPARE STANDARD JOINT
STEP TWO



16 / W104 STANDARD JOINT DETAIL
NOT TO SCALE (TYPICAL)

NOTE:
ALL MASONRY WALL CONTROL / EXPANSION JOINTS OF THE ENTIRE BUILDING ARE TO BE REPLACED.

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ADC ENGINEERING SPECIALISTS
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owner
UNIVERSITY OF SOUTH CAROLINA
FACILITIES OFFICE
743 GREENE STREET
COLUMBIA, SC 29208

project name/number
UPSTATE ADMINISTRATION BUILDING REPAIRS AND RENOVATIONS
H34-9541-JV-B

project number
11049.03

seals/signature
SOUTH CAROLINA — ADC ENGINEERING INC. No. 00253 — CERTIFICATE OF AUTHORIZATION
Richard L. Stockwell — REGISTERED — 20002 — CONSULTANTS INSTITUTE

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date
MAY 15, 2015

number	item	date

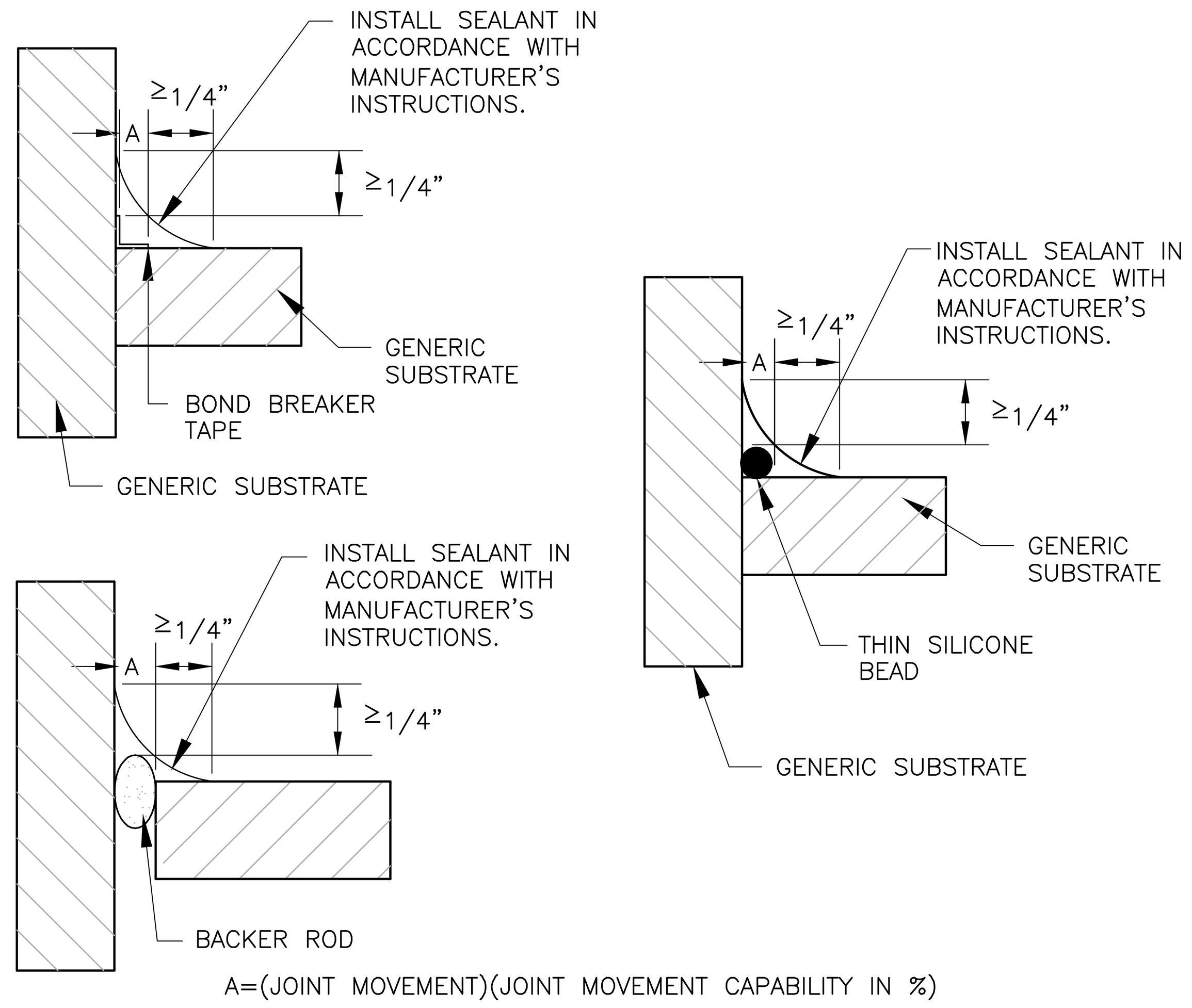
key plan
JOHN C. STOCKWELL ADMINISTRATION BUILDING

sheet title
DETAILS/SECTIONS

sheet number
W104

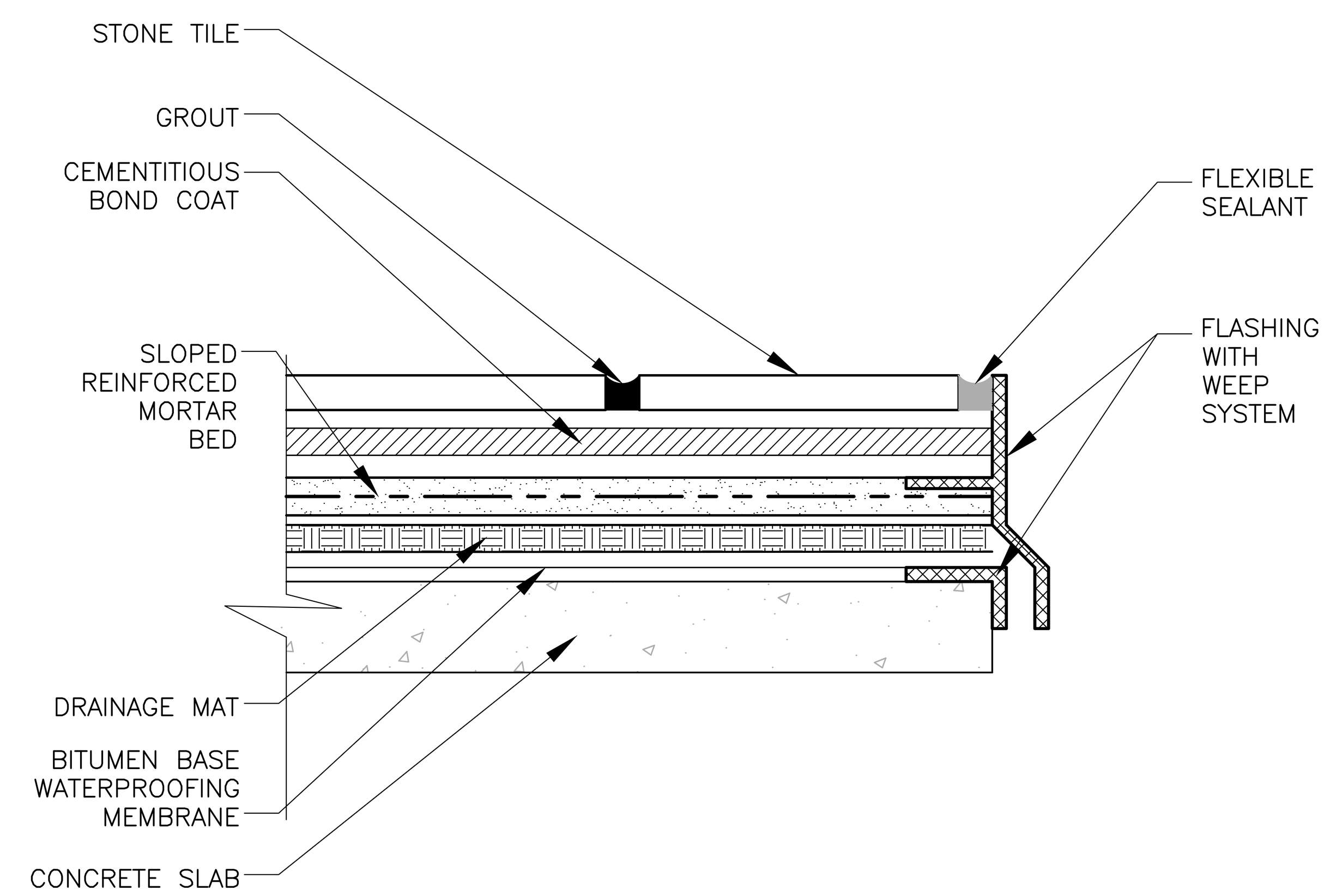
drawn by

checked by



NOTE:
1. ALL SEALANT JOINTS AROUND ALL WINDOWS AND DOORS OF THE ENTIRE BUILDING ARE TO BE REPLACED.

17 / W105 FILLET JOINT
NOT TO SCALE (TYPICAL)



NOTE:
1. SEE ARCHITECTURAL DRAWINGS FOR SPECIFIC REQUIREMENTS.

18 / W105 BITUMEN BASED WATERPROOFING MEMBRANE ASSEMBLY
NOT TO SCALE (TYPICAL)

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INTENTIONALLY LEFT BLANK

INTENTIONALLY LEFT BLANK

INTENTIONALLY LEFT BLANK

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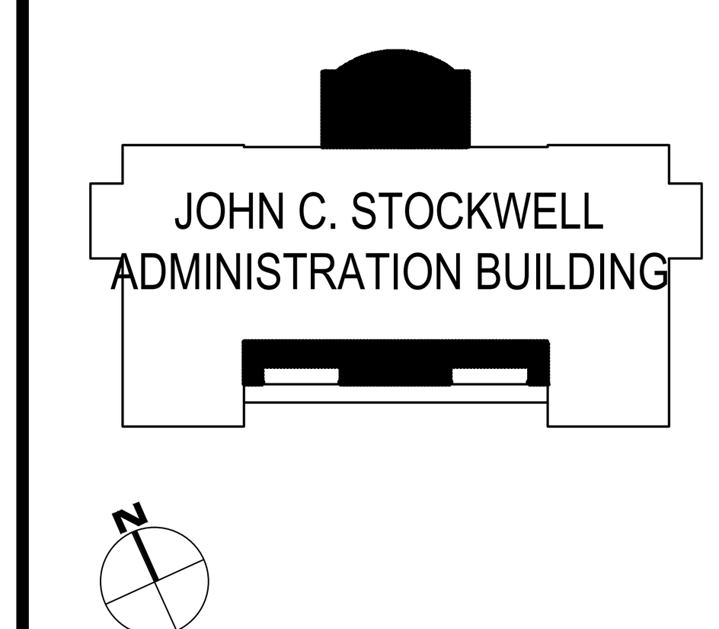
key plan



sheet title
DETAILS/SECTIONS

sheet number
W105

drawn by
checked by

SERIES NUMBERING	SERIES DRAWING INFORMATION
A00	SYMBOLS
A0.1	LIFE SAFETY FLOOR PLANS
A1.0	DEMOLITION FLOOR PLANS AND/OR DEMOLITION ELEVATIONS AND DETAILS
A2.0	FLOOR PLANS, ROOF PLANS AND ENLARGED FLOOR PLANS
A3.0	EXTERIOR ELEVATIONS
A4.0	BUILDING SECTIONS, EXTERIOR WALL SECTIONS, EXTERIOR PLAN DETAILS, EXTERIOR WINDOWS AND DETAILS
A5.0	VERTICAL CIRCULATION, PLANS, SECTIONS, DETAILS (STAIRS, ELEVATORS, ESCALATORS)
A6.0	INTERIOR ELEVATIONS
A7.0	REFLECTED CEILING PLANS AND ENLARGED REFLECTED CEILING PLANS AND DETAILS
A8.0	DOOR SCHEDULE, DOOR AND FRAME TYPES, PARTITIONS TYPES, INTERIOR DETAILS
A9.0	MILLWORK SECTIONS AND DETAILS
A10.0	FINISH PLANS AND FINISH SCHEDULE
A11.0	EQUIPMENT FLOOR PLANS
A12.0	FURNITURE PLAN DRAWING SERIES

THE ARCHITECTURAL CONSTRUCTION DOCUMENT REFERENCE SYSTEM ABOVE REPRESENTS TYPICAL ARCHITECTURAL DOCUMENT SET LAYOUT. ENTIRE DRAWING SERIES MAY BE OMITTED WHEN NOT APPLICABLE TO THE PROJECT. DRAWING SERIES INFORMATION MAY ALSO BE COMBINED WITH OTHER SERIES INFORMATION WHERE SPACE PERMITS (I.E. A6.0 MAY INCLUDE BOTH INTERIOR ELEVATIONS AND MILLWORK DETAILS).

1 GENERAL NOTES

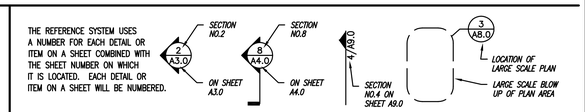
1. NOTIFY THE ARCHITECT IMMEDIATELY UPON DISCOVERY OF EXISTING CONDITIONS THAT ARE CONTRARY TO THOSE REPRESENTED WITHIN THE DRAWINGS
2. NEW WORK SHALL ALIGN WITH AND MATCH EXISTING WORK EXCEPT WHERE OTHERWISE DIMENSIONED OR DETAILED.
3. ALL NEW VERTICAL AND HORIZONTAL DUCTS, PIPES, CONDUITS, ETC. (WHETHER SHOWN OR NOT) IN FINISHED ROOMS OR AREAS THROUGH OUT BUILDING, NOT CONCEALED, SHALL BE FURRED IN, AND FINISHED TO MATCH ROOM FINISH.
4. ALL NEW PARTITIONS, UNLESS OTHERWISE SHOWN OR DETAILED, SHALL BE METAL STUDS OF THICKNESS TO ADEQUATELY COVER PIPING, CONDUITS, ETC.
5. PROVIDE AN EDGE STRIP, AS DETAILED, UNDER ALL DOORS WHERE NEW OR EXISTING FINISHES AND ADJACENT FLOOR ARE AT DIFFERENT LEVELS AND WHERE ADJACENT FLOOR FINISHES ARE OF DIFFERENT MATERIALS. SEE DETAIL 6/A0.0.
6. EXISTING DOORS, WHICH SWING INTO ROOMS WHERE NEW FLOOR FINISH IS ABOVE ADJACENT FLOORS, SHALL BE CUT OFF AT BOTTOM TO CLEAR NEW FINISHED FLOOR. DOOR BOTTOM SHALL BE SEALED AND FINISHED TO MATCH EXISTING FINISH.
7. OFFSET ALL DOORS 6" FROM ADJACENT WALLS UNLESS OTHERWISE NOTED.
8. NEW TILE FINISHES APPLIED TO EXISTING WALLS AND PARTITIONS SHALL BE APPLIED DIRECTLY TO PLASTER OR GYP.BD. WALLS BY THE THIN SET METHOD. NEW PARTITIONS AND CLOSURES OF OPENINGS IN ROOMS HAVING TILE BASE AND/OR TILE WAINSCOT SHALL BE FINISHED WITH TILE TO MATCH EXISTING. WHEN TILE CANNOT BE MATCHED, FURNISH ARCHITECT WITH SAMPLES OF EXISTING TILE TO PERMIT SELECTION OF SUBSTITUTE TILE.
9. PROVIDE ACCESS PANELS, 24" X 24", OR OF SIZES REQUIRED, WHERE PLUMBING AND HEATING VALVES, WATER SWITCHES, OXYGEN PRESSURE SWITCHES, VENTILATION SPLITTER DAMPERS, ETC. ARE SHOWN ON PLUMBING, HEATING, AND VENTILATION DRAWINGS. SUCH ACCESS PANELS TO BE INSTALLED IN THE FOLLOWING:
   (A) SUSPENDED PLASTER OR GYPSUM WALLBOARD CEILINGS
   (B) METAL STUD OR MASONRY PARTITIONS
10. WHEREVER EXISTING EQUIPMENT, PIPING, DUCTS, ETC. ARE REQUIRED TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE ALL ANCHORS, HANGERS, FOUNDATIONS ETC. AFTER REMOVAL, FLOORS, WALLS AND CEILINGS SHALL BE FINISHED TO MATCH ADJOINING SURFACES OR AS INDICATED ON ROOM FINISH SCHEDULE.
11. WALL ASSEMBLIES SHALL BE MAINTAINED AT ALL RECESSED FIRE EXTINGUISHER CABINETS AND ALL RECESSED EQUIPMENT.
12. WHERE PAINT IS CALLED FOR ON WALLS IN RENOVATED ROOMS IN THE EXISTING BUILDING, ALL WALLS ARE TO BE PAINTED.
13. WHERE NO PAINT IS INDICATED IN AREAS WHERE PATCHING IS REQUIRED, NEW WORK IS TO BE PAINTED TO MATCH EXISTING ADJOINING SURFACES.
14. WHERE THE ROOM FINISH SCHEDULE CALLS FOR A NEW CEILING, THE EXISTING CEILING AND SUSPENSION SYSTEM IS TO BE COMPLETELY REMOVED.
15. PROVIDE FIRE EXTINGUISHING CABINETS OF THE TYPE SPECIFIED. REFER TO FLOOR PLANS (A2.0) FOR LOCATIONS.
16. WHERE THE ROOM FINISH SCHEDULE FOR EXISTING CONSTRUCTION CALLS FOR A NEW MATERIAL, THE ENTIRE ROOM IS TO RECEIVE THE NEW MATERIAL. WHERE THE ROOM FINISH SCHEDULE CALLS FOR BOTH PATCHING AND A NEW MATERIAL, THE NEW MATERIAL IS LIMITED TO AREAS OF NEW CONSTRUCTION WITHIN THAT ROOM ONLY.
17. SUPPLY BLOCKING AT ALL WALL HUNG EQUIPMENT (I.E.. GRAB BARS, CASEWORK MEDICAL EQUIPMENT. ETC.)
18. WHERE A NEW DOOR, VIEW WINDOW OR OPENING IS CUT THROUGH AN EXISTING MASONRY WALL, PROVIDE A LOOSE LINTEL AS REQUIRED ON THE LOOSE LINTEL SCHEDULE INDICATED ON THE STRUCTURAL DRAWINGS.
19. ALL DIMENSIONS SHOWN IN RENOVATED AREAS ARE TO BE VERIFIED IN THE FIELD BEFORE PROCEEDING WITH WORK.
20. IN ALL ROOMS BELOW AREAS WHICH RECEIVE UNDER FLOOR SERVICES, REMOVE A PORTION OF EXISTING CEILING AS REQUIRED. PATCH FINISHES TO MATCH EXISTING OR AS INDICATED ON ROOM FINISH SCHEDULE.
21. WHERE THE ROOM FINISH SCHEDULE CALLS FOR A ROOM TO BE PAINTED AND THAT ROOM CONTAINS WALL PAPER AND/OR VINYL CHAIR RAILS, THESE SHALL BE COMPLETELY REMOVED FROM WALLS AND ANY HOLES OR BUMPS SHALL BE FILLED OR SANDED SMOOTH BEFORE APPLYING NEW COAT OF PAINT.
22. ALL SHAFT PARTITIONS EXTEND FROM FLOOR SLAB TO UNDERSIDE OF SLAB ABOVE. EXPOSED BEAMS WITHIN SHAFTS ARE TO BE FIREPROOFED WITH 2-HOUR GYP.BD. ENCLOSURE.
23. THE FIRE RATINGS OF ALL FIRE RATED WALLS SHALL BE STENCILED ABOVE CEILINGS, EACH SIDE OF WALL, BOTH SIDES OF CORRIDORS AND AS REQ'D BY IBC.

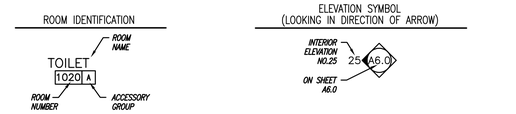
2 NOT USED
N.T.S.

3 NOT USED
3/8" = 1'-0"

4 NOT USED
3/8" = 1'-0"

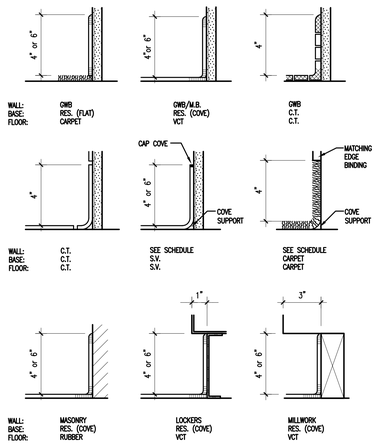
THE REFERENCE SYSTEM USES A NUMBER FOR EACH DETAIL OR ITEM ON A SHEET COMBINED WITH THE SHEET NUMBER ON WHICH IT IS LOCATED. EACH DETAIL OR ITEM ON A SHEET WILL BE NUMBERED.





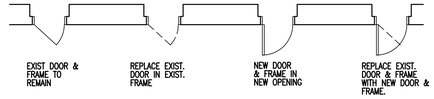
5 REFERENCE SYSTEM

6 NOT USED
N.T.S.



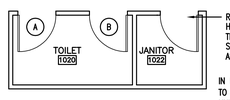
7 TYPICAL BASE DETAILS
N.T.S.

DOOR & FRAME PLAN SYMBOLS



DOOR NUMBERING LEGEND

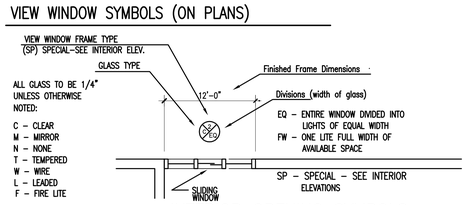
ROOMS WITH MULTIPLE DOORS HAVE "A", "B", ETC. DESIGNATIONS DOORS SHOWN AT THE RIGHT WOULD BE SCHEDULED AS "1020A" AND "1020B", RELATED TO THE ROOM WHERE (A) AND (B) ARE SHOWN.



ROOMS WITH ONLY ONE DOOR HAVE NO DOOR INDICATION. THE DOOR NUMBER IN THE SCHEDULE WILL BE THE SAME AS THE ROOM NUMBER.

IN LOCATIONS WHERE NECESSARY TO AVOID CONFUSION, FULL DOOR NUMBERING IS SHOWN ON PLAN.

VIEW WINDOW SYMBOLS (ON PLANS)



8 INTERIOR OPENING SYMBOLS DOORS & VIEW WINDOWS
N.T.S.

DENOTES GENERAL PROJECT AREA. SOME WORK MAY OCCUR OUTSIDE PROJECT AREA AS IT IS INDICATED ON FLOOR PLAN.

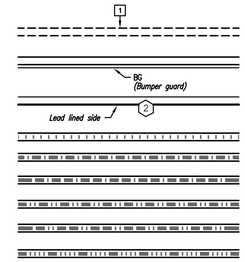
PROJECT AREA

EXISTING PARTITION TO REMAIN

EXISTING PARTITION TO BE REMOVED. REFER TO NOTE INDICATED FOR INSTRUCTIONS (ON DEMOLITION PLAN).

PARTITION:

LEAD LINED PARTITION. NOTE : NUMBER TO INDICATE THICKNESS AND HEIGHT ON SCHEDULE.



SMOKE TIGHT PARTITION (BUT NOT SMOKE RATED.)

1 HOUR FIRE RESISTIVE CONSTRUCTION

1 HOUR FIRE RESISTIVE CONSTRUCTION & SMOKE BARRIER

2 HOUR FIRE RESISTIVE CONSTRUCTION

2 HOUR FIRE RESISTIVE CONSTRUCTION & SMOKE BARRIER

4 HOUR FIRE RESISTIVE CONSTRUCTION

HOUR RATING

FIRE RATING

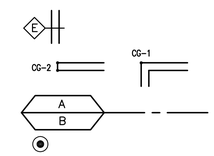
FIRE / SMOKE RATING

PARTITION TYPE (SEE PARTITION SCHEDULE DWG. A8.1)

CORNER GUARD

MATCH LINE

FIRE EXTINGUISHER



9 PARTITION SYMBOLS

10 DIMENSION CONVENTIONS
N.T.S.

11 STRUCTURAL GRID CONVENTIONS
N.T.S.

12 NOT USED
3"=1'-0"

13 NOT USED
3"=1'-0"

14 REFLECTED CEILING PLAN SYMBOLS

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JOHN C. STOCKWELL ADMINISTRATION BUILDING

sheet title

GENERAL NOTES, SYMBOLS AND MISCELLANEOUS DETAILS

sheet number

A0.0

drawn by RTC

checked by TMW

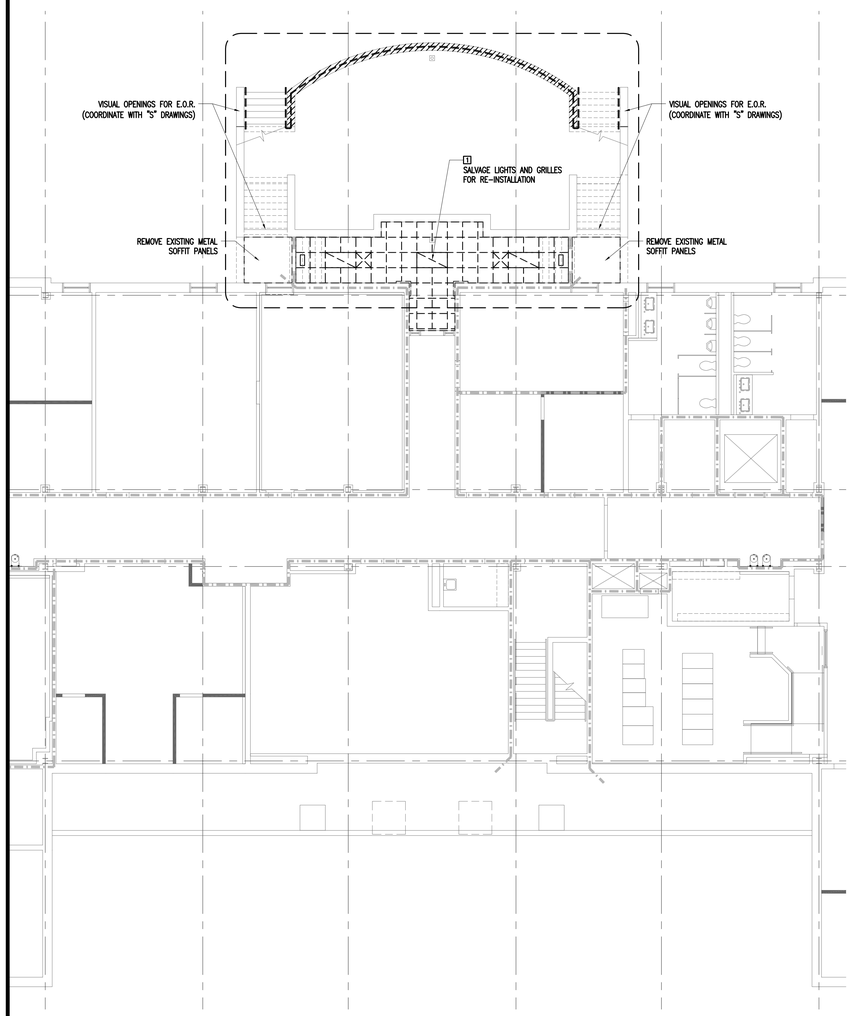
GENERAL DEMOLITION NOTES:

1. **LIFE-SAFETY EGRESS FROM EXISTING AREAS EITHER RENOVATED OR HAVING THE EGRESS AFFECTED BY THE RENOVATION SHALL BE MAINTAINED CLEAR OF OBSTRUCTION AND IMPEDIMENT TO EXITING AND SHALL BE SUPPLANTED TO PROVIDE REQUIRED LIFE-SAFETY COVERAGE AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION.**
2. NOTIFY THE ARCHITECT IF DISCREPANCIEW ARE DISCOVERED IN THE FIELD BETWEEN WHAT IS EXISTING AND WHAT IS SHOWN ON THE DRAWINGS. DO NOT PROCEED WITH DEMOLITION UNTIL THE DISCREPANCY IS RESOLVED BY THE ARCHITECT.
3. CONTRACTOR SHALL CLOSELY COORDINATE DEMOLITION WITH NEW CONSTRUCTION PLANS.
4. WHEREVER DEMOLITION DAMAGES EXISTING CONSTRUCTION TO REMAIN, THE CONTRACTOR SHALL REPAIR THOSE SURFACES TO THE FINISH AND QUALITY OF ADJACENT SURFACES OR TO THE ORIGINAL CONDITION.
5. THE CONTRACTOR SHALL TAKE AS NECESSARY PROVISIONS TO PROTECT THE EXISTING CONSTRUCTION TO REMAIN. CONSTRUCT DUST BARRIERS AS REQUIRED TO PREVENT THE PASSAGE OF DUST INTO OCCUPIED AREAS.
6. PROTECT EXISTING SPRAYED-ON FIREPROOFING DURING DEMOLITION AND RENOVATION WORK. REPAIR ANY DAMAGED FIREPROOFING WITH LIKE MATERIAL MATCHING REQUIRED FIRE RATING, U.L. APPROVED.

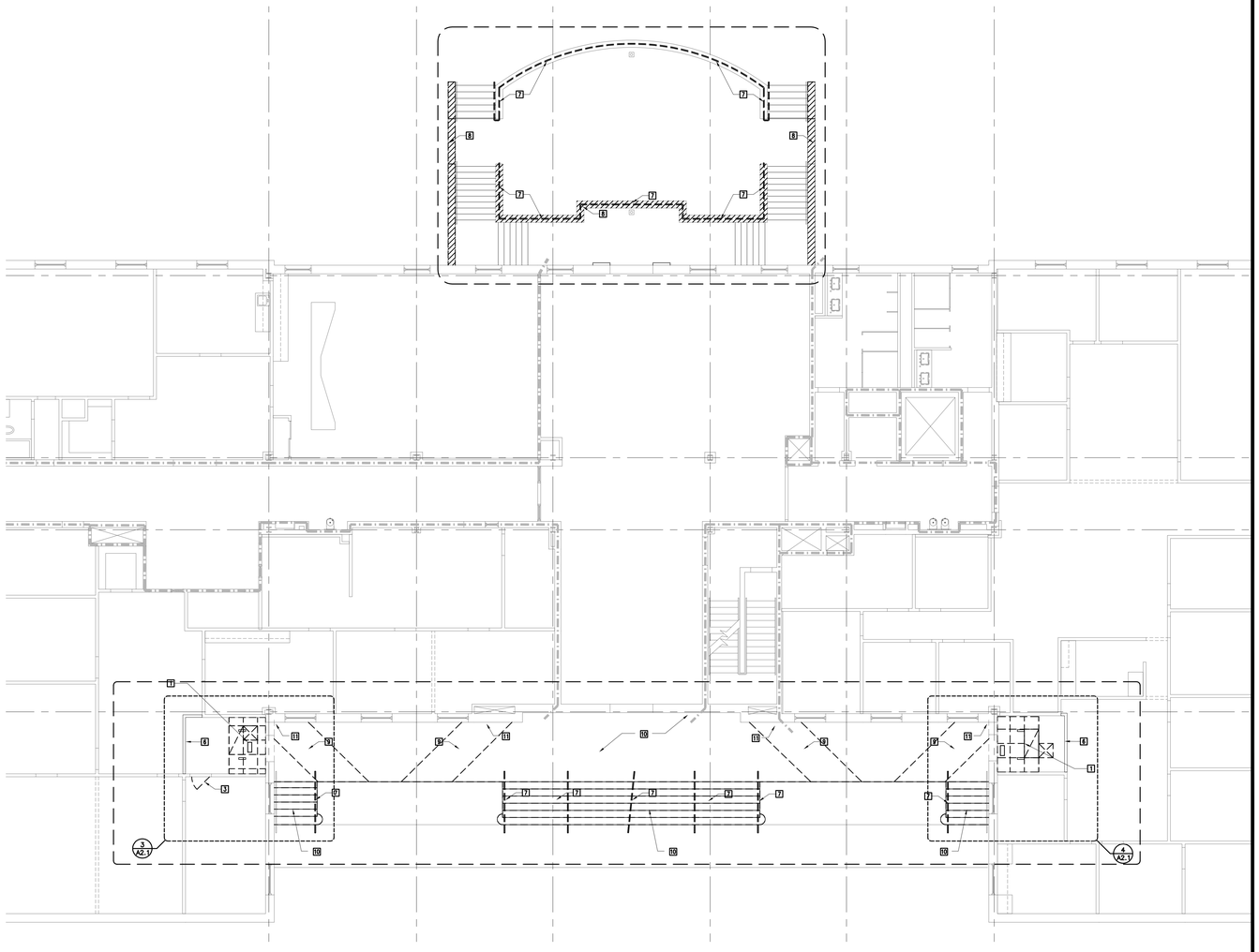
KEYED DEMOLITION NOTES:

1. REMOVE EXISTING CEILING INCLUSIVE OF LIGHT FIXTURES, GRILLES AND ALL OTHER DEVICES ATTACHED TO CEILING GRID OR TILES AS REQUIRED FOR NEW HVAC WORK. SALVAGE ALL REMOVED ITEMS FOR RE-INSTALLATION AFTER NEW WORK IS COMPLETE.
2. REMOVE EXISTING CMU AND BRICK WALL, INCLUSIVE OF METAL DOOR AND FRAME.
3. REMOVE EXISTING DOOR AND FRAME.
4. REMOVE EXISTING CARPET, ADHESIVE AND PAD (IF ANY). THIS WORK REQUIRES ABATEMENT (MASTIC).
5. REMOVE EXISTING WALL BASE. SALVAGE WALL BASE FOR REUSE IN THIS PROJECT.
6. NEW DUST BARRIER WALL - CONSTRUCTED WITH GWB ON ONE SIDE (JOINTS CAULKED) AND 3'-0" X 7'-0" DOOR AND FRAME WITH LATCHING HDWR. AND WEATHERSTRIPPING. REMOVE WALL AND DOOR WHEN ALL WORK IN THIS AREA IS COMPLETE AND REPAIR DAMAGED SURFACES.
7. REMOVE EXISTING METAL RAILING AS INTACT, CONTINUOUS UNIT. SALVAGE FOR RE-PAINTING AND RE-INSTALLATION AT COMPLETION OF REPAIRS AND NEW WORK.
8. REMOVE EXISTING BRICK COPING.
9. REFER TO STRUCTURAL DRAWINGS FOR EXTENT OF REMOVAL AND REPLACEMENT OF EXISTING CONCRETE PORCH SLAB.
10. REMOVE EXISTING SLATE PAVERS, SLATE STAIR TREADS AND GROUT SETTING BEDS DOWN TO STRUCTURAL CONCRETE. TURN GOOD SLATE OVER TO THE OWNER, DISCARD ALL BROKEN SLATE.
11. EXISTING GUTTERS AND DOWNSPOUT LEADERS TO REMAIN PER DETAIL X/XX. PROVIDE TEMPORARY GUTTER CLOSURES AND DOWNSPOUTS AS REQUIRED TO MAINTAIN INTEGRITY OF ROOF DRAINAGE SYSTEM UNTIL NEW CONSTRUCTION IS COMPLETE.

===== DASHED LINES INDICATE WORK TO BE DEMOLISHED.



1 PARTIAL FIRST FLOOR DEMOLITION PLAN
1/8"=1'-0"



2 PARTIAL SECOND FLOOR DEMOLITION PLAN
1/8"=1'-0"

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JOHN C. STOCKWELL ADMINISTRATION BUILDING

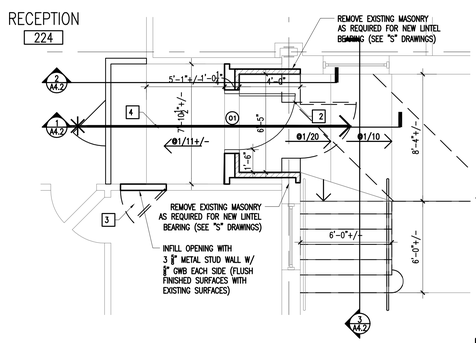
sheet title

PARTIAL FIRST AND SECOND DEMOLITION FLOOR PLANS

sheet number

A1.1

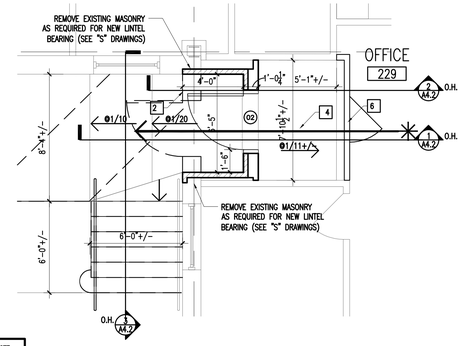
drawn by RTC
checked by TMW



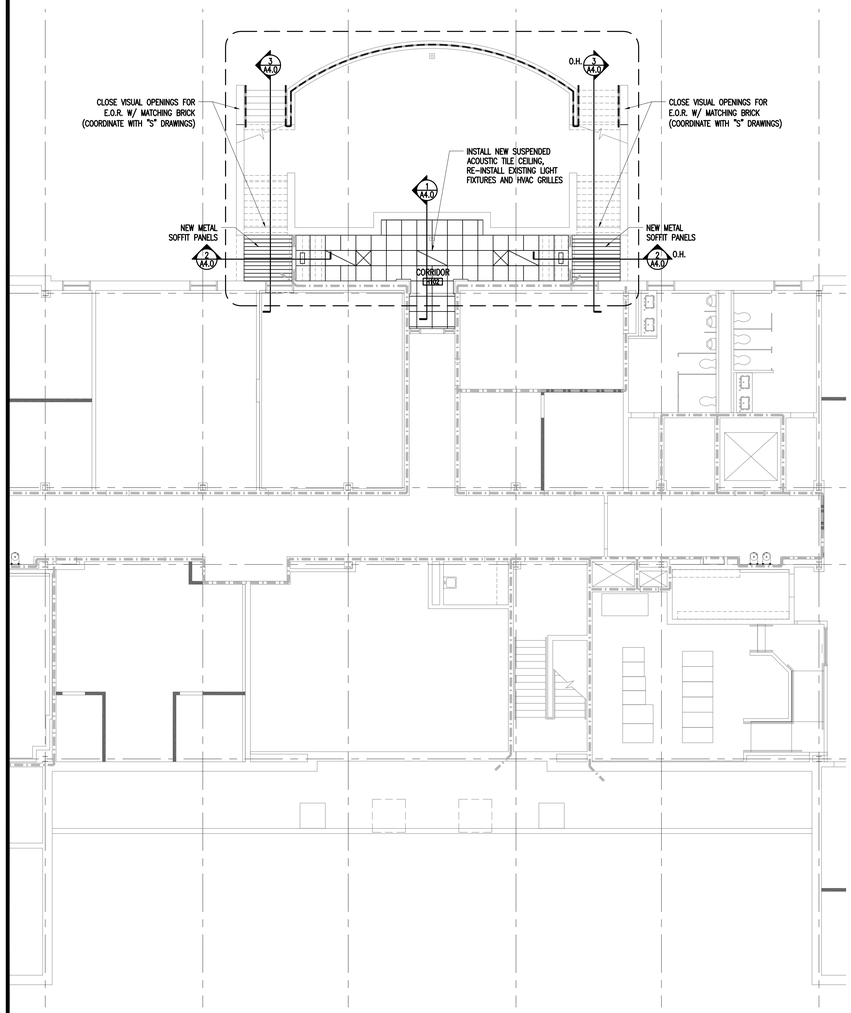
3 ENLARGED PLAN
1/4"=1'-0"

✳ PROTECT EGRESS AT ALL TIMES

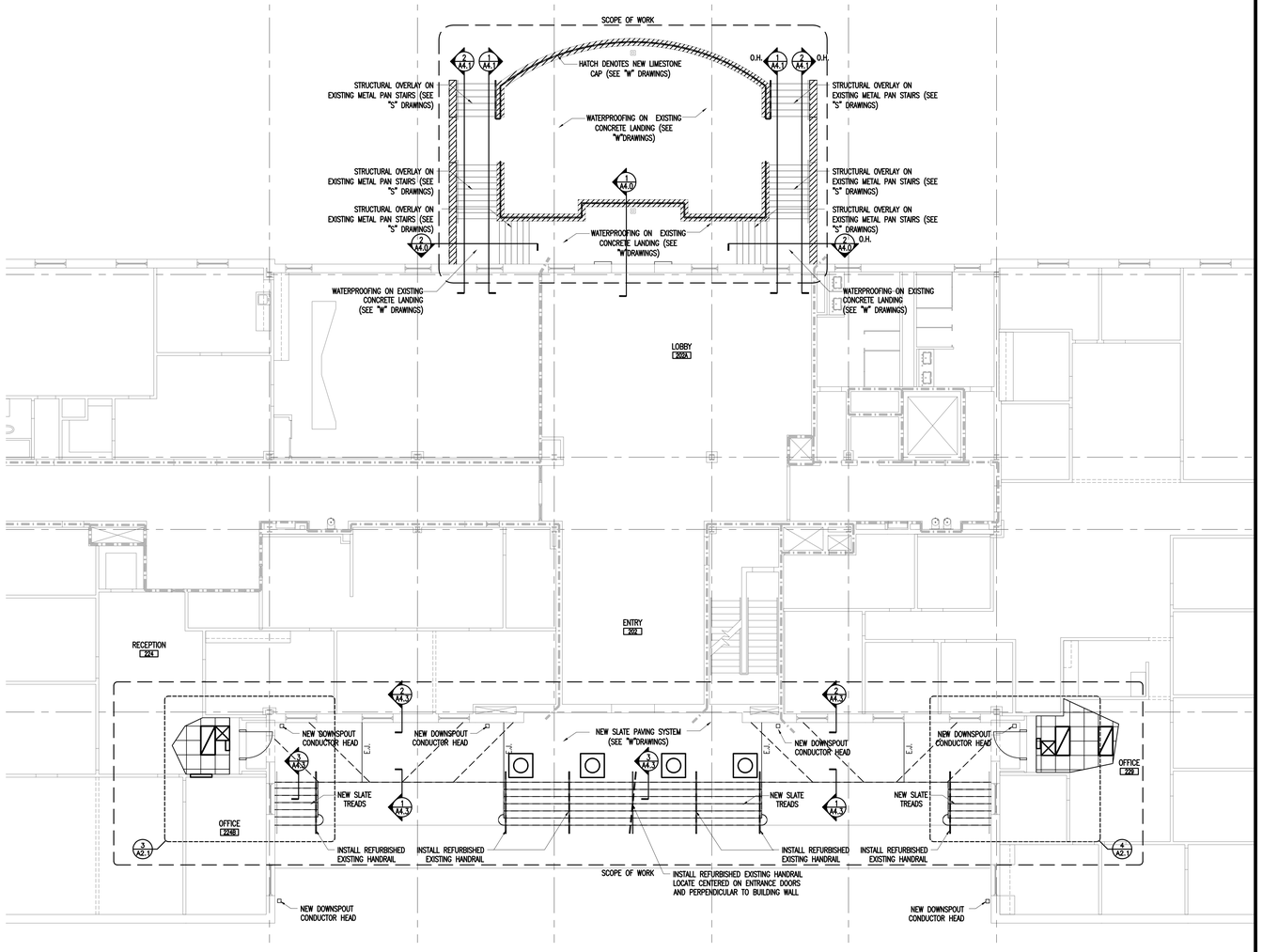
SYMBOL FOR KEYED DEMOLITION NOTE
2 (REFER TO SHEET A1.1 FOR GENERAL & KEYED NOTES)



4 ENLARGED PLAN
1/4"=1'-0"



1 PARTIAL FIRST FLOOR RENOVATION PLAN
1/8"=1'-0"



2 PARTIAL SECOND FLOOR RENOVATION PLAN
1/8"=1'-0"

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project name/number

UPSTATE ADMINISTRATION BUILDING REPAIRS AND RENOVATIONS
H34-9541-JV-B

project number

11049.03

seals/signature

issued for

95% CONSTRUCTION DOCUMENTS

date

MAY 15, 2015

number	item	date

key plan

JOHN C. STOCKWELL ADMINISTRATION BUILDING

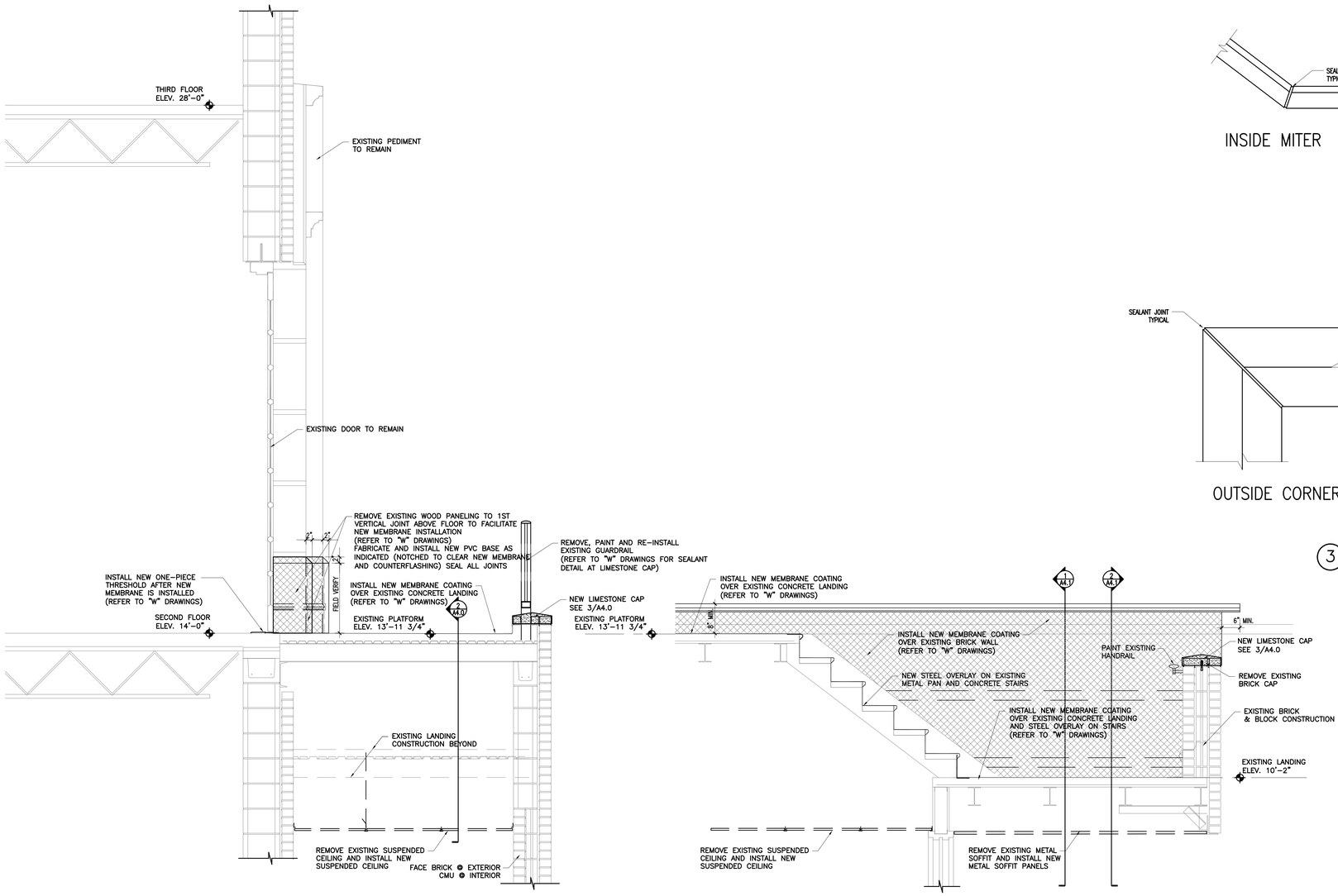
sheet title

PARTIAL FIRST AND SECOND RENOVATION FLOOR PLANS ENLARGED PLANS

sheet number

A2.1

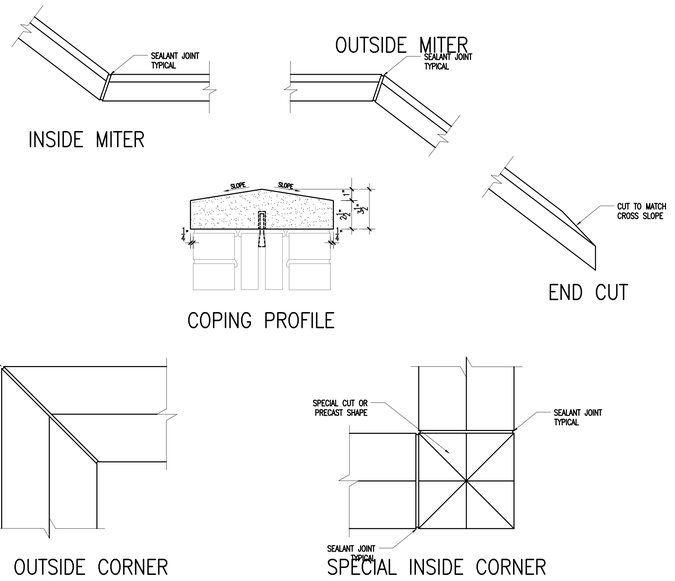
drawn by RTC
checked by TMW



1 SECTION AT SECOND FLOOR LANDING
3/4"=1'-0"

2 SECTION AT INTERMEDIATE LANDING
3/4"=1'-0"

REFER TO "S" AND "W" DRAWINGS FOR STRUCTURAL AND WATERPROOFING DETAILS.



3 COPING/CAP DETAILS
NOT TO SCALE

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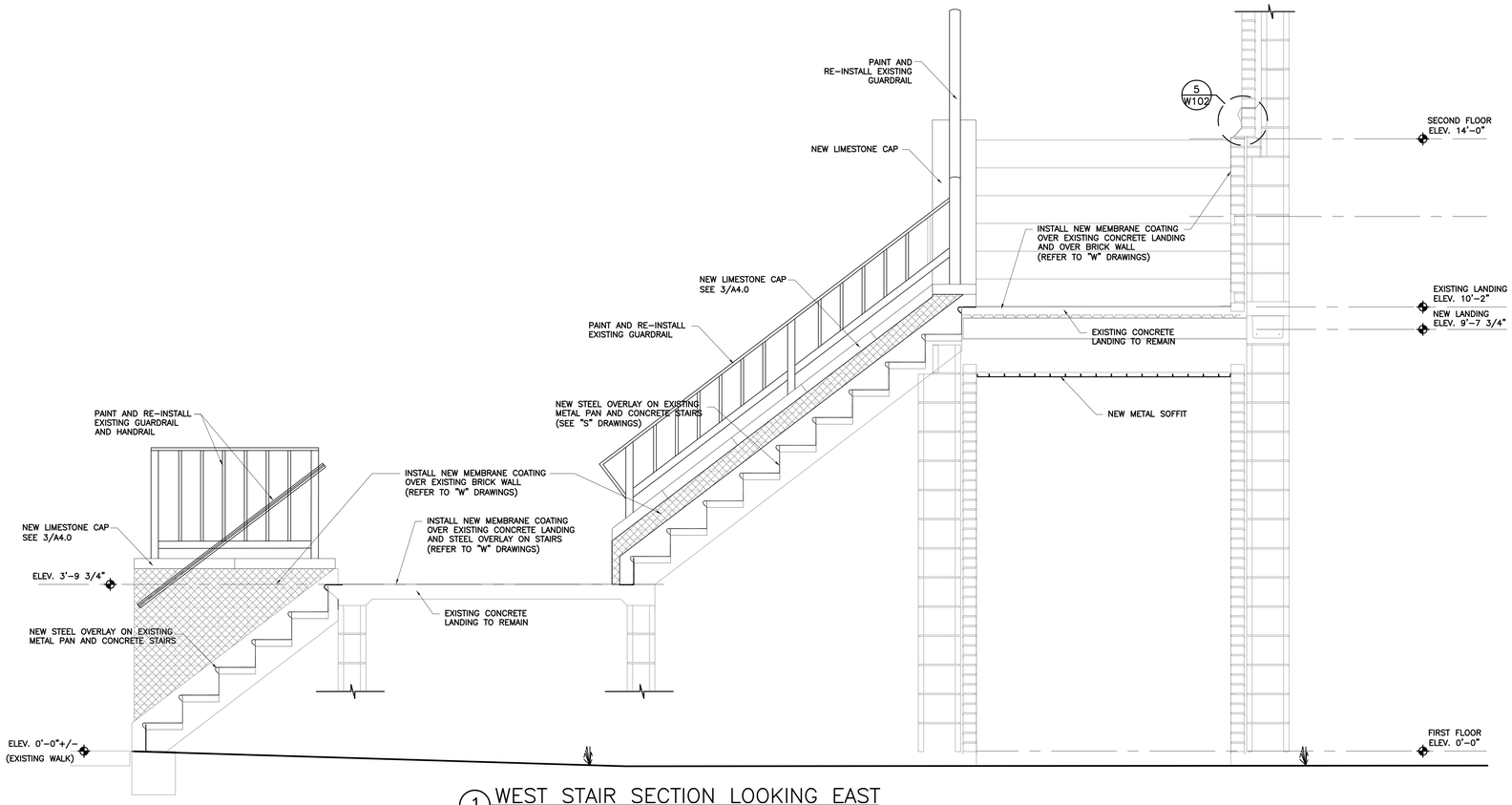
JOHN C. STOCKWELL ADMINISTRATION BUILDING

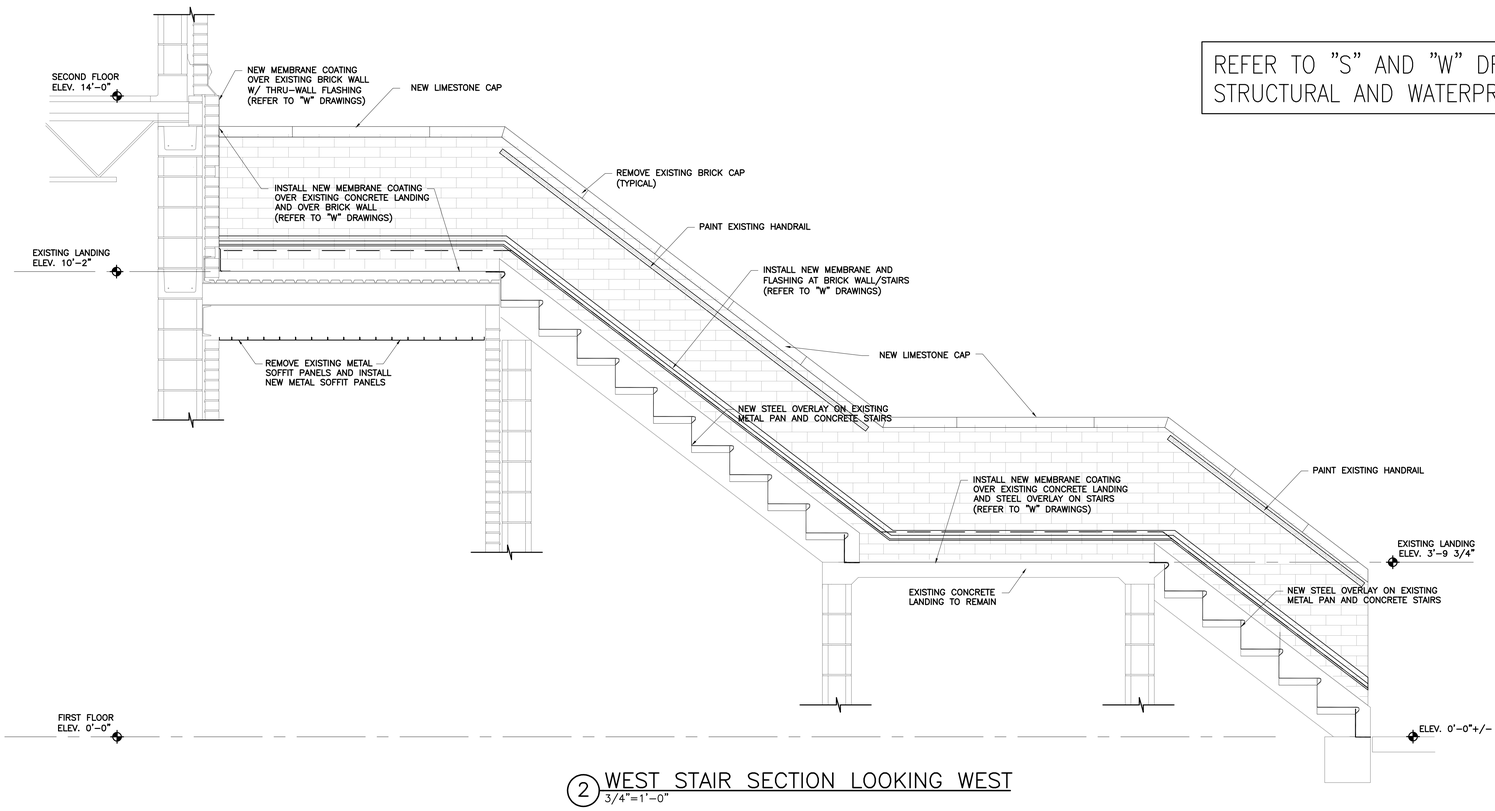
sheet title
NORTH PORCH STAIR SECTIONS

sheet number
A4.0

drawn by RTC
checked by TMW



1 WEST STAIR SECTION LOOKING EAST
3/4"=1'-0"



2 WEST STAIR SECTION LOOKING WEST
3/4"=1'-0"

REFER TO "S" AND "W" DRAWINGS FOR STRUCTURAL AND WATERPROOFING DETAILS.

[EAST STAIR SECTIONS ARE MIRRORED AND IDENTICAL]

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key plan

JOHN C. STOCKWELL ADMINISTRATION BUILDING

sheet title
NORTH PORCH STAIR SECTIONS

sheet number
A4.1

drawn by RTC
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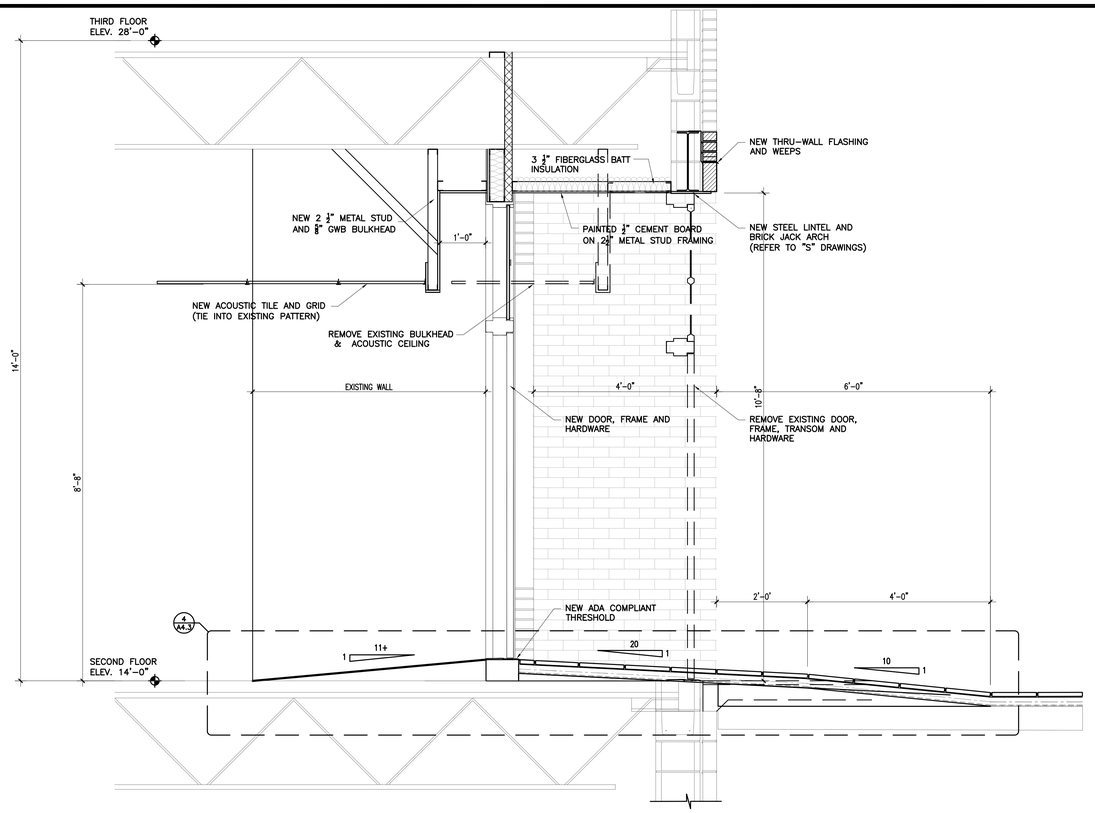
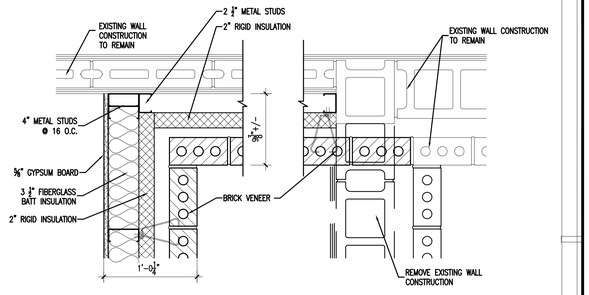
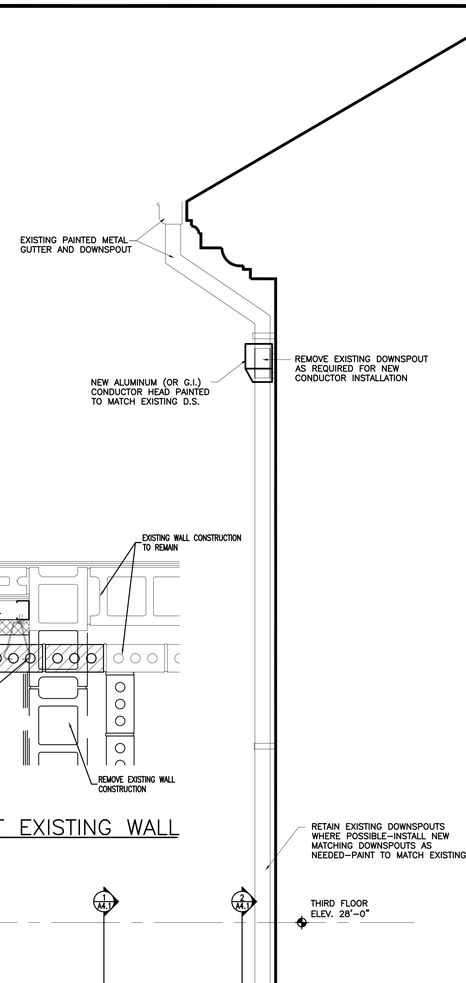


1 PARTIAL SECTION THRU DOOR
3/4"=1'-0"

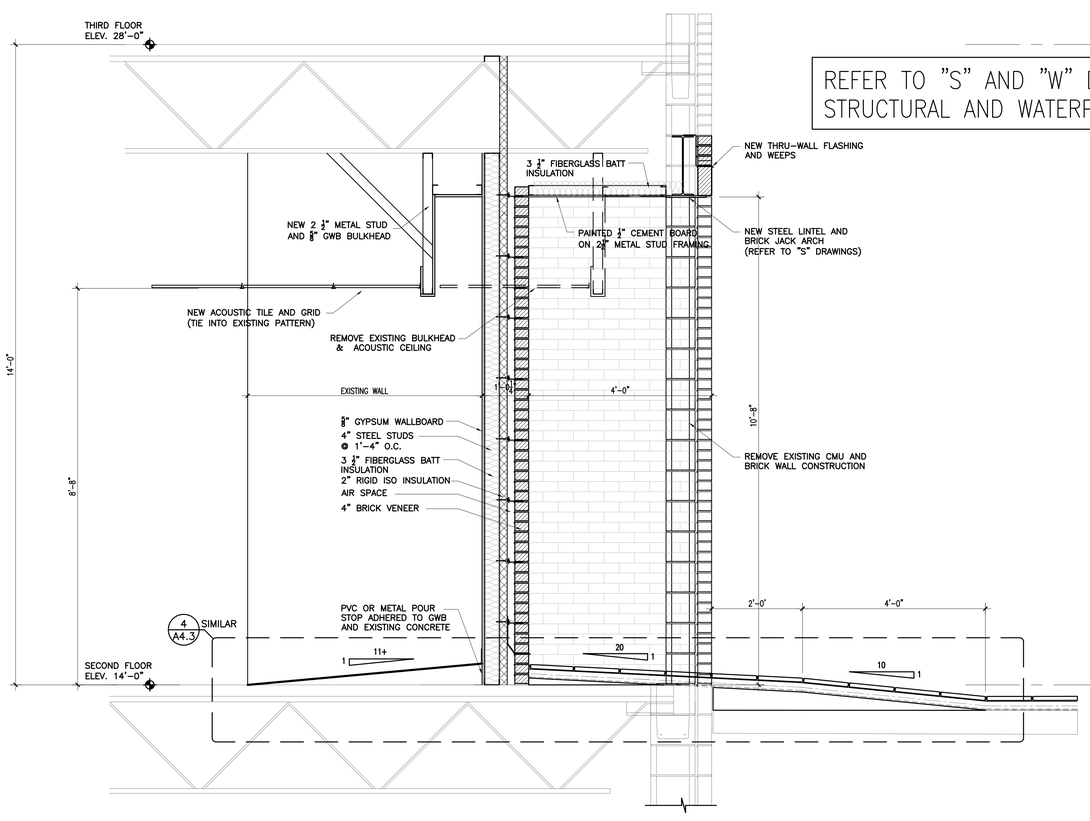


4 PLAN DETAIL AT EXISTING WALL
1 1/2"=1'-0"



3 ENLARGED ELEVATION LOOKING WEST
3/4"=1'-0"

REFER TO "S" AND "W" DRAWINGS FOR STRUCTURAL AND WATERPROOFING DETAILS.



2 PARTIAL SECTION THRU WALL
3/4"=1'-0"

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key plan

JOHN C. STOCKWELL ADMINISTRATION BUILDING

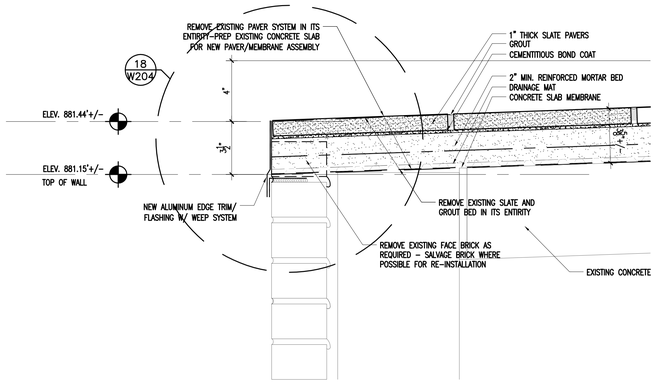
sheet title

SOUTH PORCH SECTIONS AND DETAILS

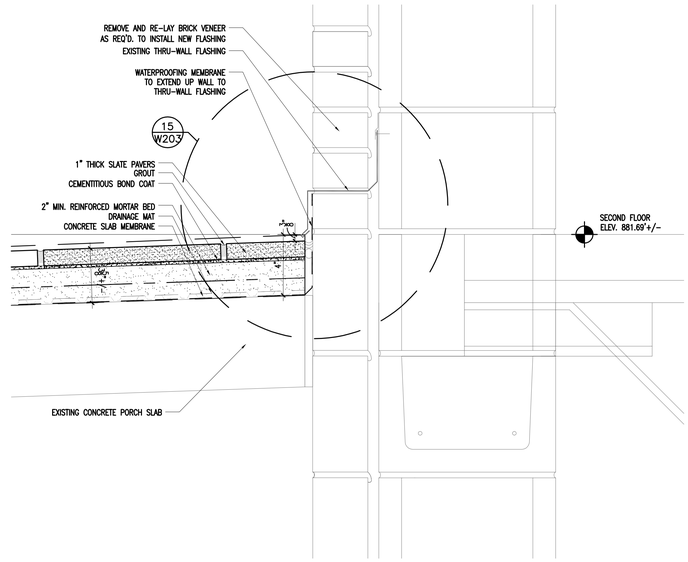
sheet number

A4.2

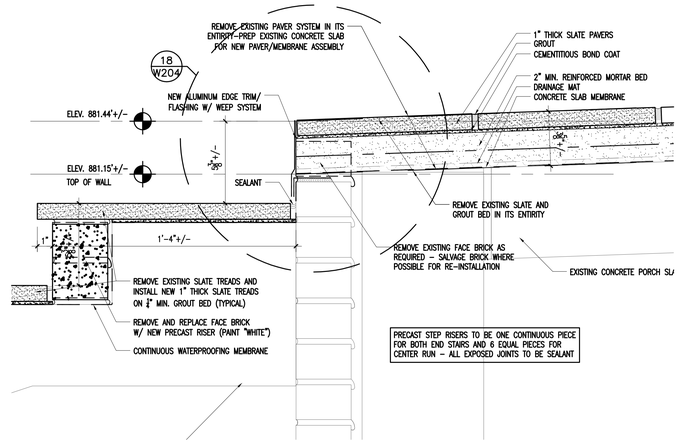
drawn by RTC
checked by TMW



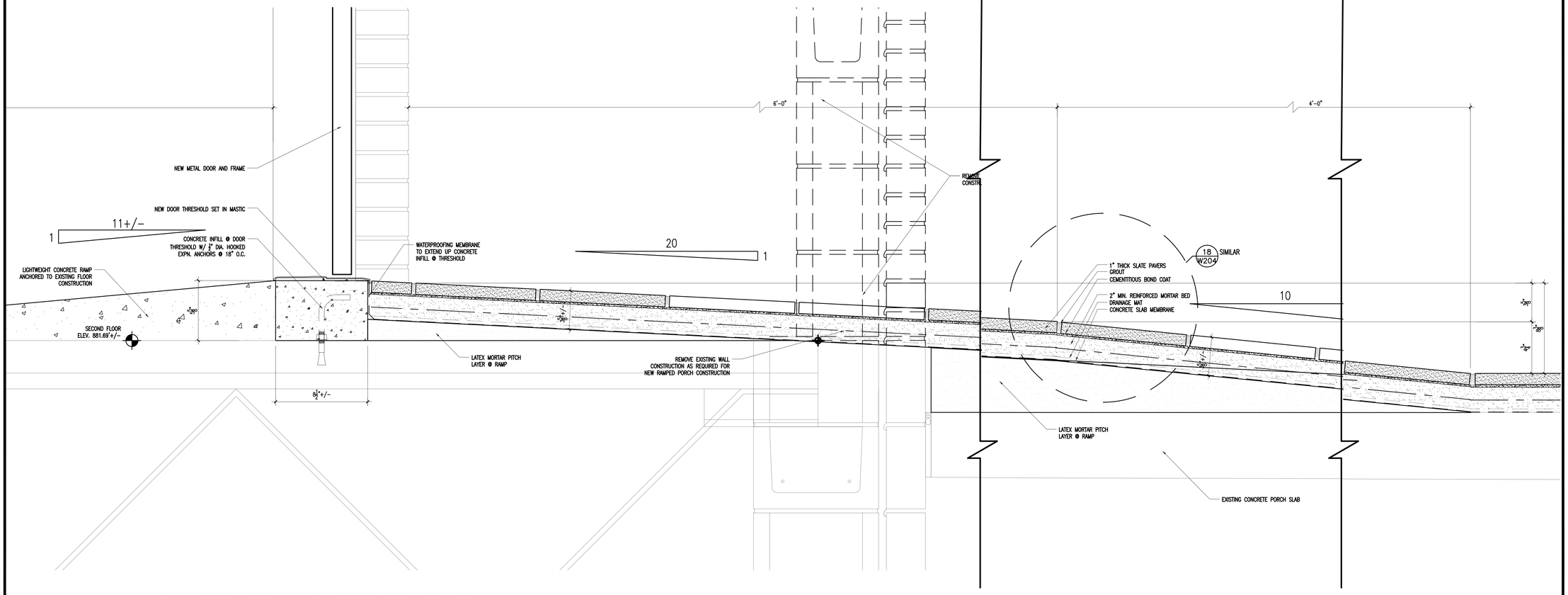
1 ENLARGED DETAIL AT PORCH WALL
3"=1'–0"



2 ENLARGED DETAIL AT BUILDING WALL
3"=1'–0"



3 ENLARGED DETAIL AT PORCH STEPS
3"=1'–0"



3 ENLARGED DETAIL AT RECESSED DOORS
3"=1'–0"

REFER TO "S" AND "W" DRAWINGS FOR STRUCTURAL AND WATERPROOFING DETAILS.

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sheet title
SOUTH PORCH ENLARGED DETAILS

sheet number
A4.3

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