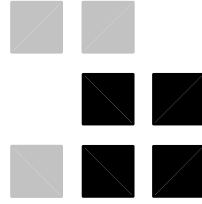


**UNIVERSITY OF SOUTH CAROLINA  
COLUMBIA, SOUTH CAROLINA**

**350 WAYNE STREET  
FIRE PROTECTION UPGRADES**

**GMK Project #13016.01  
USC Project #H27-Z099  
MAY 31, 2013  
ISSUE FOR CONSTRUCTION**

Prepared by:

 **GMK**  
ASSOCIATES, INC.  
Design/Planning/Construction  
1201 Main Street  
Columbia, South Carolina 29201-3299  
tel. 803-256-0000 fax 803-255-7243

**DRAWING INDEX**

**ARCHITECTURAL**

A1.1 ARCHITECTURAL, MECHANICAL, AND ELECTRICAL FLOOR PLAN

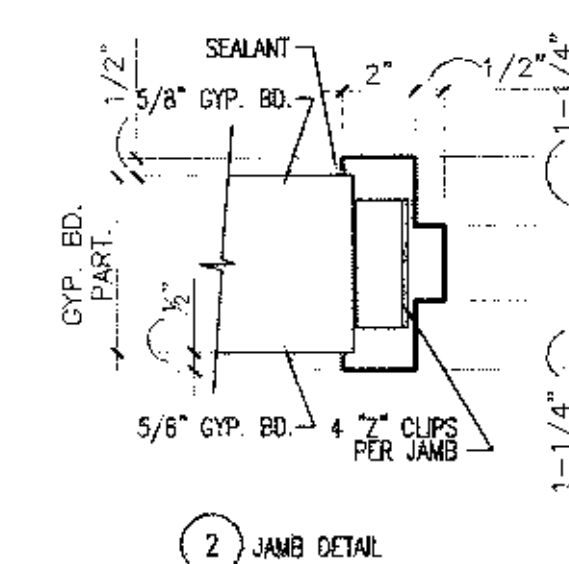
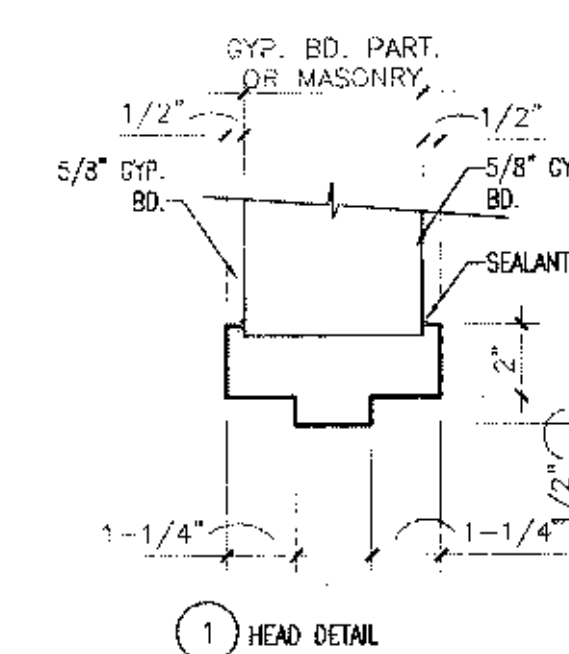
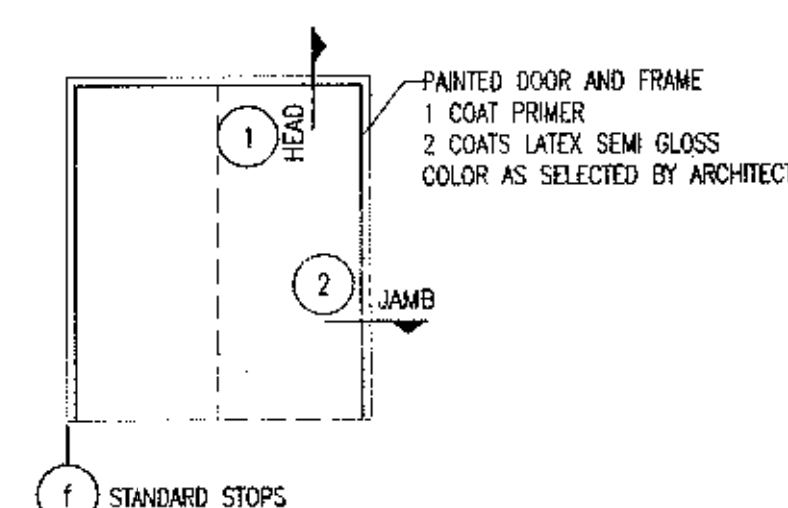
**FIRE PROTECTION**

FP-1.0 FIRE PROTECTION UNDERGROUND  
FP-1.1 FIRE PROTECTION UNDERGROUND DETAILS  
FP-2.0 FIRE PROTECTION FLOOR PLAN  
FP-2.1 FIRE PROTECTION ABOVEGROUND DETAILS



consultants:

|                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. <u>ST. HARDWARE SET</u></p> <p>1.1 CYLINDRICAL STORAGE FUNCTION LOCKSET -- LEVER</p> <p>1.2 SET OF FLUSH BOLTS WITH FLOOR AND HEAD STROKES</p> <p>6 HENKES</p> <p>FRAME SILENCERS</p> <p>FLOOR STOPERS FOR EACH LEAF</p> | <p><u>DOOR HARDWARE:</u></p> <p>1. ALL HARDWARE TO BE BIMA OPERATIONAL GRADE 1 -- HEAVY DUTY COMMERCIAL</p> <p>2. ALL HARDWARE SHALL MEET ANSI 117.1 AND ADA AS APPLICABLE</p> <p>3. FINISH SHALL BE SATIN NICKEL</p> <p>4. KEYING AND CORE MANUFACTURER SHALL BE COORDINATED WITH OWNER AND KEYS PROVIDED.</p> <p>5. EXACT TRIM, FINISH AND STYLE SHALL BE SELECTED BY ARCHITECT, BUT MATCH EXISTING HARDWARE IN THE BUILDING</p> <p>6. HARDWARE SUPPLIER SHALL COORDINATE WITH DOOR AND FRAME SUPPLIER ON PREPARATION FOR HARDWARE.</p> <p>7. MINIMUM 7 YEAR WARRANTY</p> <p>8. SUBMIT SCHEDULE, SPECS, PRODUCT DATA TO THE ARCHITECT FOR REVIEW AND APPROVAL. AS PER SECTION 01300.</p> |
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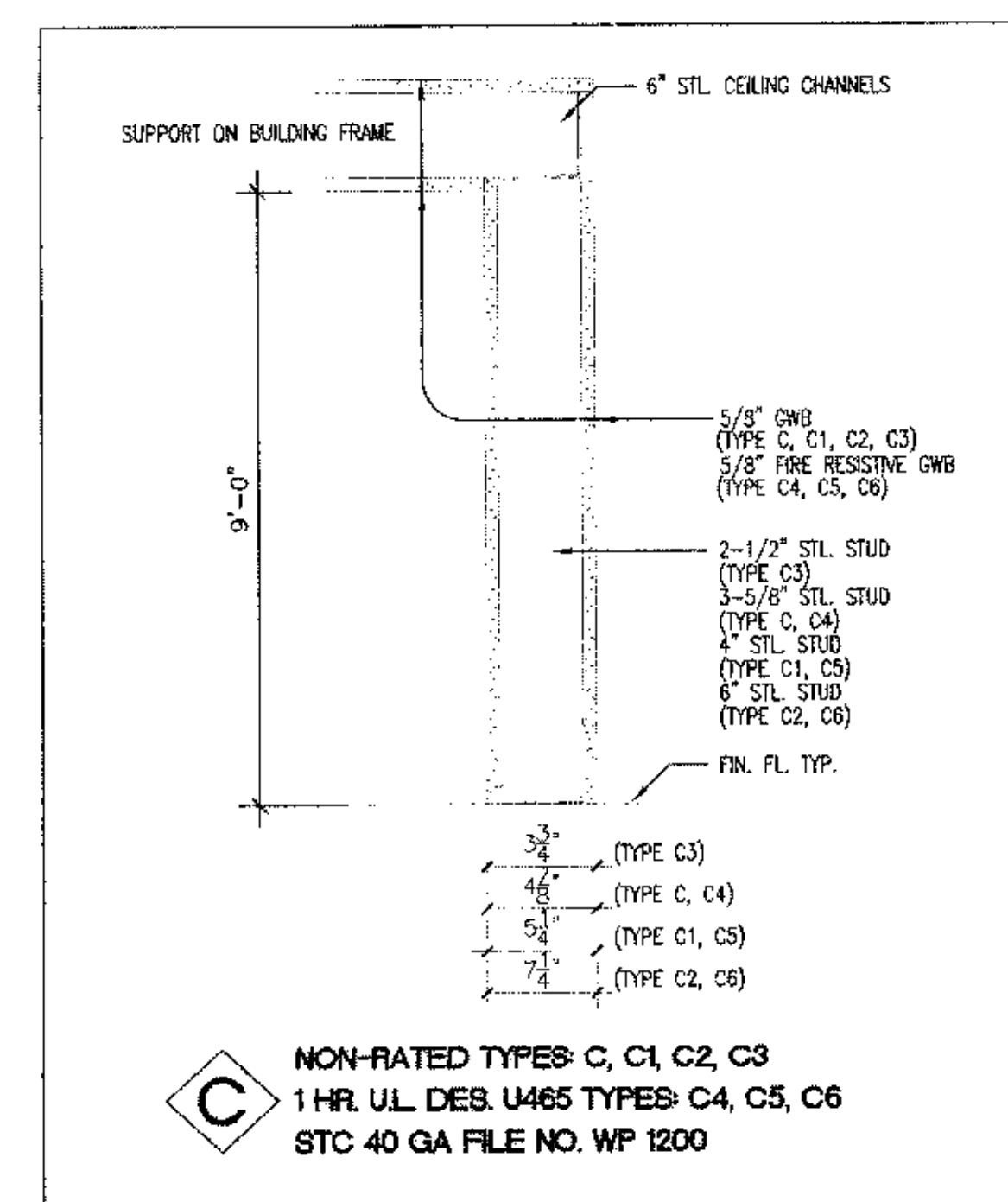


NOTES:

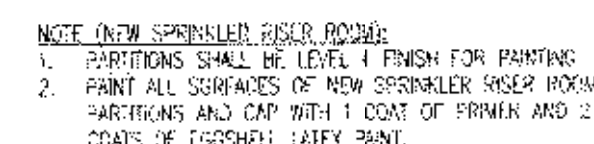
1. ALL DOORS ARE 7'-0" HIGH UNLESS OTHERWISE NOTED
2. ASTRAGAL REQUIRED AT DOUBLE EGRESS DOORS

NOTES: LABELED DOORS REQUIRE LABELED FRAMES

NOTE: GROUT ALL FRAMES SOLID.



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$$\frac{1}{g''} = 1' \cdot 0$$

2000

drawn by TMW  
packed by TMW

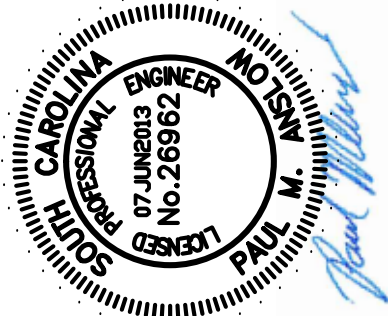












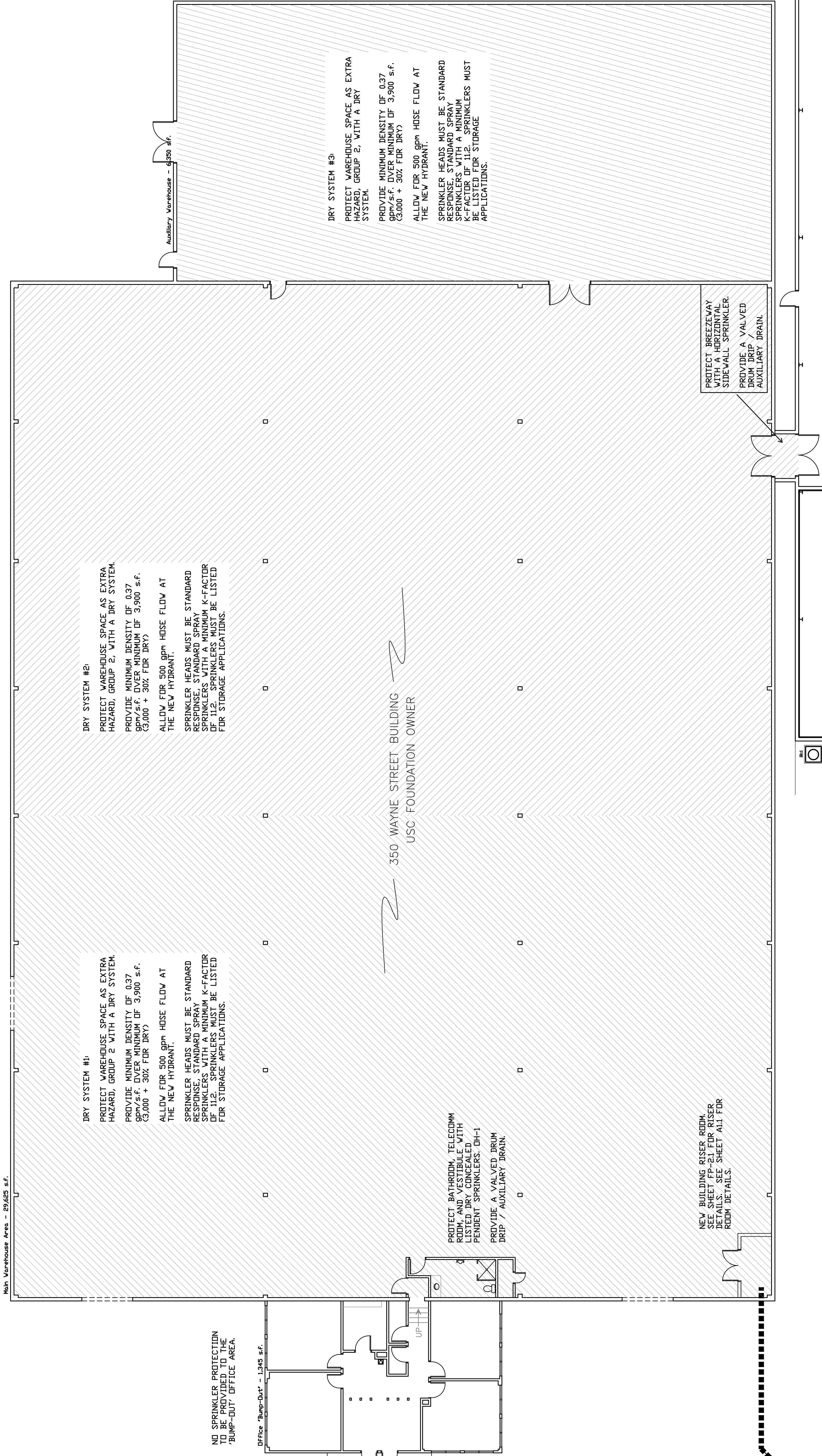
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PLAN NOTES:

- 1) PROTECT AS NOTED
- 2) FIRE ALARM - NEW DEVICES TO BE CONNECTED TO EXISTING FIRE ALARM PANEL IN ADJACENT BUILDING (707 CATAWBA STREET)

SCALE: 1/8"=1'-0"



NO SPRINKLER PROTECTION TO BE PROVIDED TO THE 'BUMP-OUT' OFFICE AREA.

Office 'Bump-Out' - 1,345 s.f.

350 WAYNE STREET BUILDING  
USC FOUNDATION OWNER

PROTECT BATHROOM, TELECOMM ROOM, AND VESTIBULE WITH LISTED DR CONCEALED PENDENT SPRINKLERS, DH-1 PROVIDE A VALVED DRUM DRIP / AUXILIARY DRAIN.

NEW BUILDING RISER ROOM. SEE SHEET FP-2.1 FOR RISER DETAILS. SEE SHEET A1.1 FOR ROOM DETAILS.

PROTECT BREEZEWAY WITH A PENDENT SIDEWALL SPRINKLER. PROVIDE A VALVED DRUM DRIP / AUXILIARY DRAIN.

DRY SYSTEM #1:  
PROTECT WAREHOUSE SPACE AS EXTRA HAZARD, GROUP 2 WITH A DRY SYSTEM.  
PROVIDE MINIMUM DENSITY OF 0.37 gpm/s.f. OVER MINIMUM OF 3,900 s.f. (3,000 + 30% FOR DRY)  
ALLOW FOR 500 gpm HOSE FLOW AT THE NEW HYDRANT.  
SPRINKLER HEADS MUST BE STANDARD RESPONSE, STANDARD SPRAY SPRINKLERS WITH A MINIMUM K-FACTOR OF 11.2. SPRINKLERS MUST BE LISTED FOR STORAGE APPLICATIONS.

DRY SYSTEM #2:  
PROTECT WAREHOUSE SPACE AS EXTRA HAZARD, GROUP 2, WITH A DRY SYSTEM.  
PROVIDE MINIMUM DENSITY OF 0.37 gpm/s.f. OVER MINIMUM OF 3,900 s.f. (3,000 + 30% FOR DRY)  
ALLOW FOR 500 gpm HOSE FLOW AT THE NEW HYDRANT.  
SPRINKLER HEADS MUST BE STANDARD RESPONSE, STANDARD SPRAY SPRINKLERS WITH A MINIMUM K-FACTOR OF 11.2. SPRINKLERS MUST BE LISTED FOR STORAGE APPLICATIONS.

DRY SYSTEM #3:  
PROTECT WAREHOUSE SPACE AS EXTRA HAZARD, GROUP 2, WITH A DRY SYSTEM.  
PROVIDE MINIMUM DENSITY OF 0.37 gpm/s.f. OVER MINIMUM OF 3,900 s.f. (3,000 + 30% FOR DRY)  
ALLOW FOR 500 gpm HOSE FLOW AT THE NEW HYDRANT.  
SPRINKLER HEADS MUST BE STANDARD RESPONSE, STANDARD SPRAY SPRINKLERS WITH A MINIMUM K-FACTOR OF 11.2. SPRINKLERS MUST BE LISTED FOR STORAGE APPLICATIONS.

Auxiliary Warehouse - 6,350 s.f.

Main Warehouse Area - 29,625 s.f.



