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COLUMBIA, SC ROOST "E" ADDITION

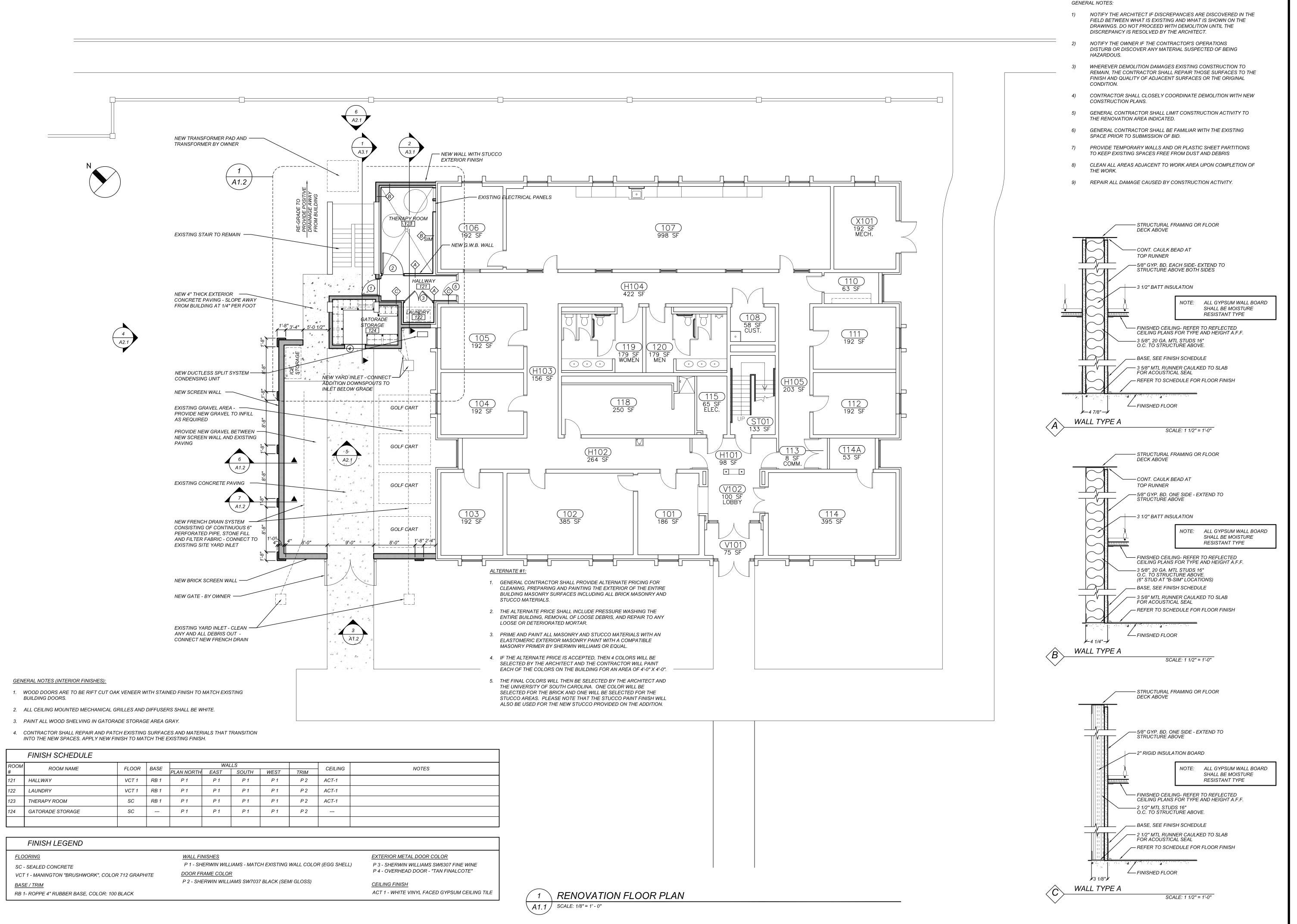
Architecture::Integrated Design

1812 LINCOLN STREET
THIRD FLOOR
COLUMBIA, SC 29201-2310
PHONE: 1.803.252.2400
FAX: 1.803.252.1630

JHS PROJECT NO. 922X10

H27-N259

A 1.0



 Partner In Charge

 MWW

 Project Architect

 MWW

 Date Drawn

 03/12/2012

 Revisions

 No.
 Date

 Issue Date

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Sheet Title

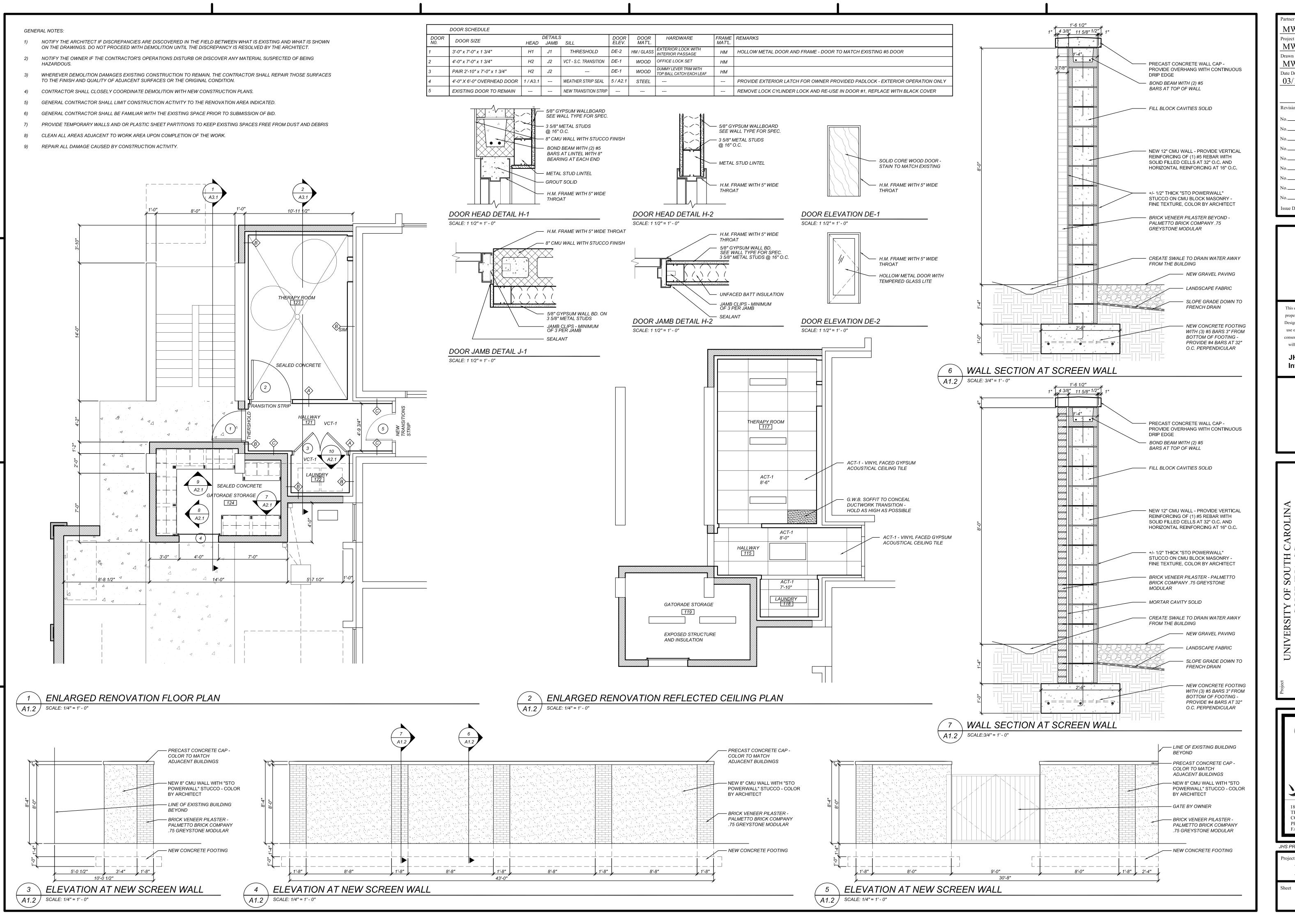
NEW CONSTRUCTION

FLOOR PLAN



Project Number
H27-N259

A 1.1



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COLUMBIA, SC
ROOST "E" ADDITION

Sheet Title
ENLARGED PLANS, ELEVATIONS AND DETAILS

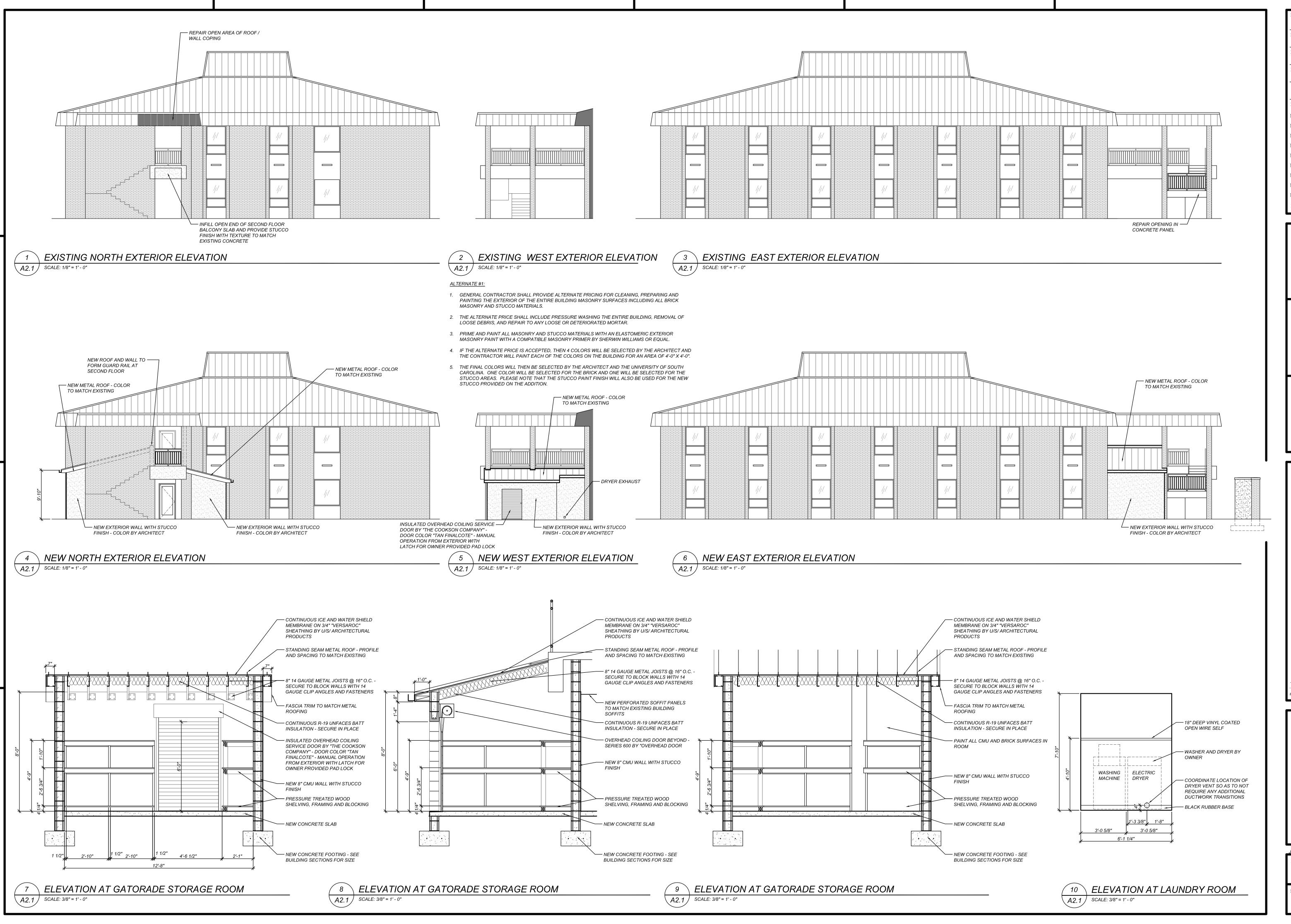


JHS PROJECT NO. 922X10

Project Number

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A 1.2



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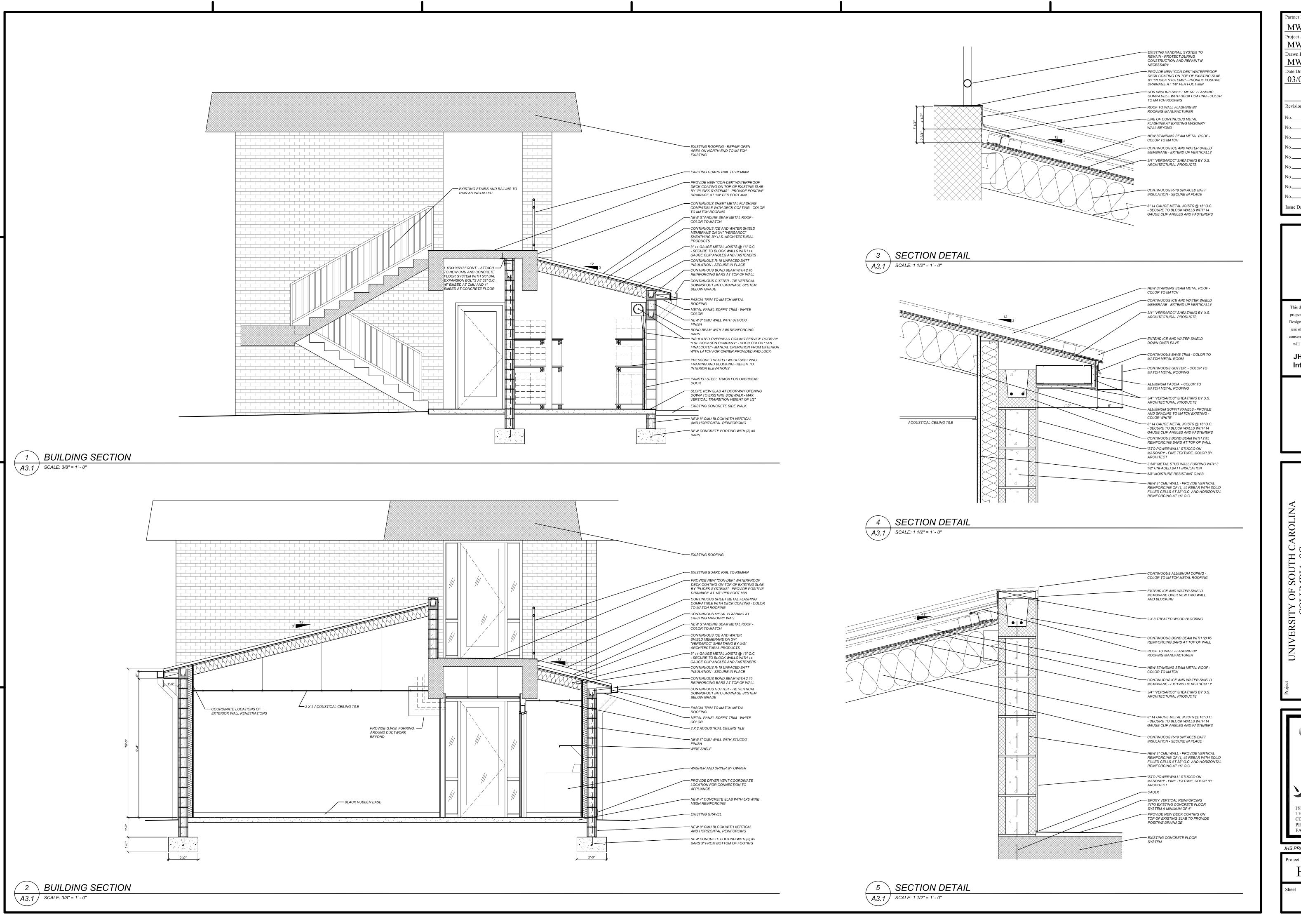
UNIVERSITY OF SOUTH CAROLINA COLUMBIA, SC ROOST "E" ADDITION

Architecture: Integrated Design

1812 LINCOLN STREET THIRD FLOOR COLUMBIA, SC 29201-2310 PHONE: 1.803.252.2400 FAX: 1.803.252.1630

Project Number
H27-N259

A 2.1



 Partner In Charge

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 Project Architect

 MWW

 Date Date Date Date

 No.
 Date Date

 Issue Date
 Issue Date

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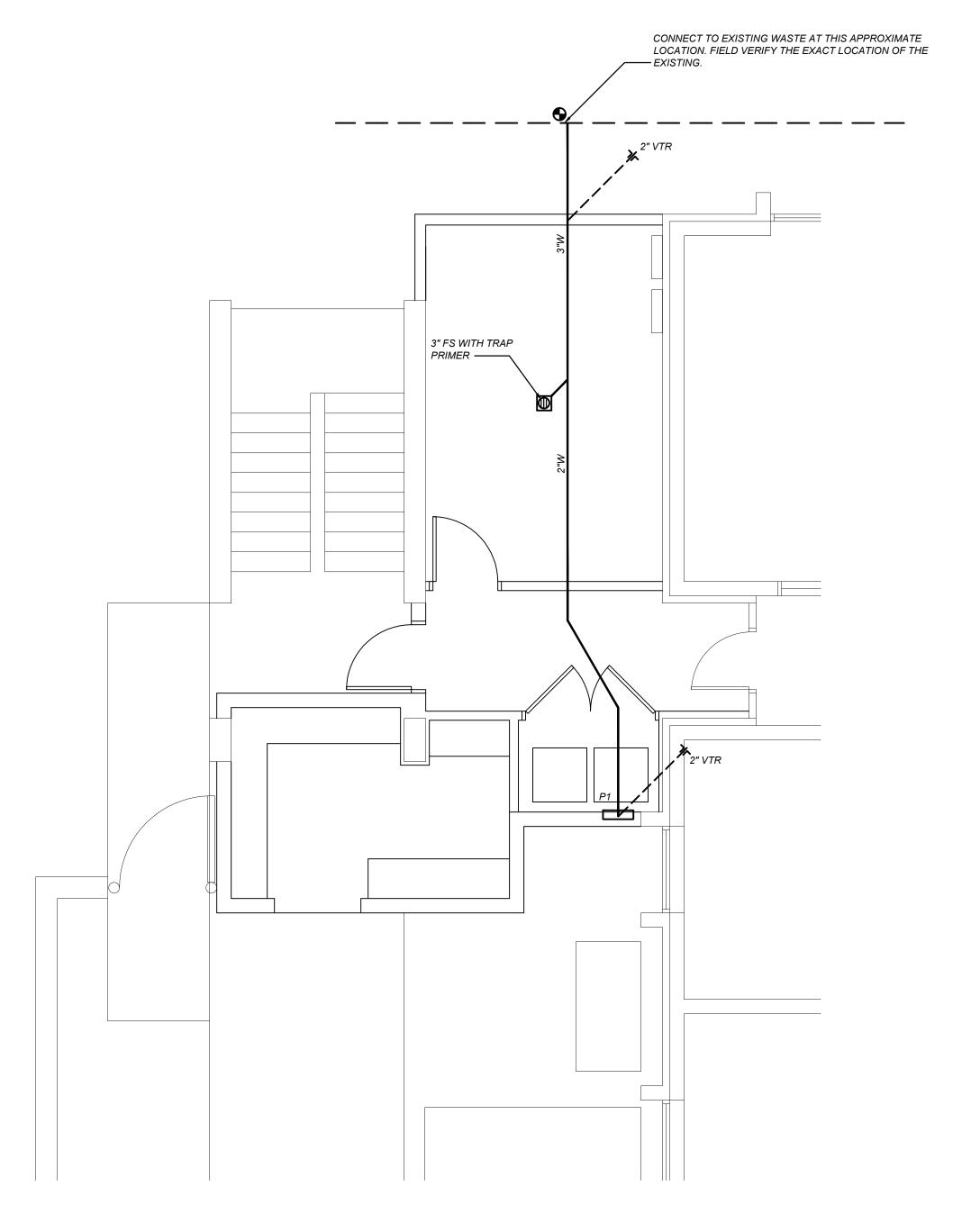


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 Project Number

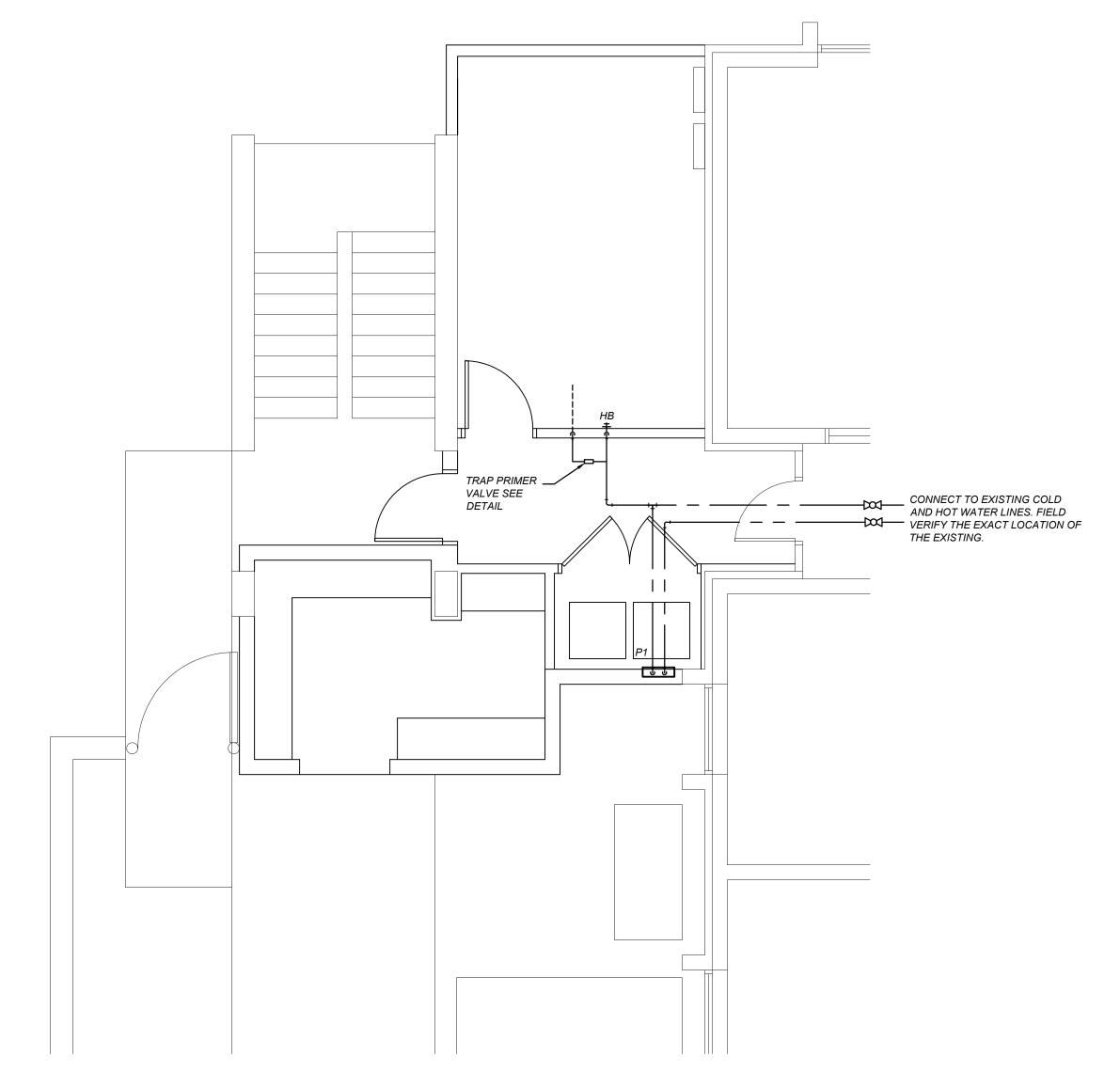
 H27-N259

A 3.1



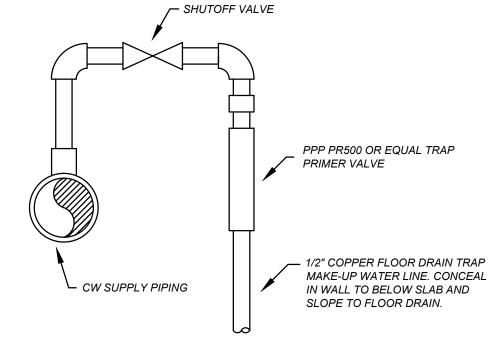
1 PLUMBING WASTE AND VENT PLAN

PLUMBING FIXTURE SCHEDULE								
SYMBOL	DESCRIPTION	MANUFACTURER	MODEL NO.	сw	HW	WASTE	REMARKS	
P1	WASHING MACHINE BOX LOCATE TOP OF DRAIN LINE AT 31" A.F.F.	GUY GRAY	BB-200	1/2"	1/2"	1 1/2"		
FS	HALF GRATE FLUSH FLOOR SINK. ZURN Z1902-P-2 OR EQUAL. 3" SINK WITH INTEGRAL DOME STRAINER AND GRATE. PROVIDE DRAIN WITH DEEP SEAL P-TRAP.	ZURN	Z1902-P-2	-	-	3"	WITH TRAP PRIMER SEE DETAIL	



2 PLUMBING SUPPLY PLAN

PLUMBING LEGEND									
SYMBOL	ABBREV.	SERVICE							
	W	SANITARY DRAIN PIPING SOIL OR WASTE							
	V	SANITARY VENT PIPING							
	cw	DOMESTIC COLD WATER SUPPLY PIPING							
	HW	DOMESTIC HOT WATER SUPPLY PIPING							
	HWR	DOMESTIC HOT WATER CIRCULATING PIPING							
— - — — — — — — — — — — — — — — — — — —	GV	GATE VALVE							
─────────────────────────────────────	НВ	HOSE BIBB							
	FD	FLOOR DRAIN							



3 TRAP PRIMER DETAIL
P1.0 NTS

PLUMBING NOTES:

1- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS, FIXTURE LOCATIONS, ETC.

2- ALL WASTE AND VENT PIPES ARE 2" UNLESS NOTED OTHERWISE.

2- ALL WASTE AND VENT PIPES ARE 2" UNLESS NOTED OTHERWISE.

3- DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE.

4- LOCATE ALL WATER PIPING ABOVE CEILING UNLESS NOTED OTHERWISE.
5- LOCATE HOSE BIBBS AND WALL HYDRANTS 2'-0" ABOVE FINISHED FLOOR OR GRADE RESPECTIVELY.

6- PROVIDE ACCESS FOR ALL EQUIPMENT REQUIRING CLEANING OR ADJUSTMENTS.

7- COORDINATE CLOSELY WITH ALL WORK PERFORMED UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID INTERFERENCE OR CONFLICT.

8- ALL HOSE BIBBS, VALVES WITH THREADED HOSE CONNECTIONS, AND WALL HYDRANTS SHALL BE EQUIPPED WITH A WATTS REGULATOR NO. 8 BACK SIPHONAGE BACKFLOW PREVENTER.

9- CORRECT SETTINGS ON ALL BALANCING FITTINGS SHALL BE PERMANENTLY

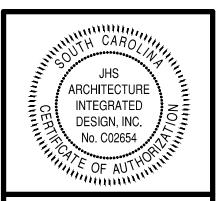
10- VENTS MAY BE COLLECTED ABOVE CEILING AND EXTENDED THROUGH ROOF AS A SINGLE VENT.

11- INSTALL DIELECTRIC UNIONS AT CONNECTION OF DISSIMILAR METALS.

12- EXPOSED WASTE AND WATER PIPING UNDER HANDICAPPED LAVATORIES TO HAVE WHITE INSULATION KIT AS MANUFACTURED BY TRUEBRO, HANDI-LAVA-GUARD OR APPROVED EQUALS.

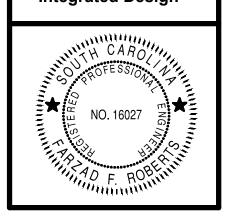
13- PROVIDE SEISMIC RESTRAIN ON ALL PIPING AND EQUIPMENT (DESIGN CATEGORY D),WHERE REQUIRED BY CODE. CONTRACTOR SHALL PROVIDE CALCULATIONS AND DETAILS CERTIFIED BY A REGISTERED SEISMIC PROFESSIONAL ENGINEER.

	Partner III Charge
	MWW
	Project Architect MWW
	Drawn By MWW
	Date Drawn 03/09/2012
	Revisions
	No Date
	Issue Date
(

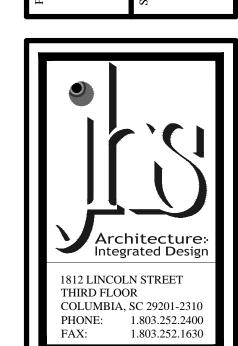


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COLUMBIA, SC
ROOST "E" ADDITION

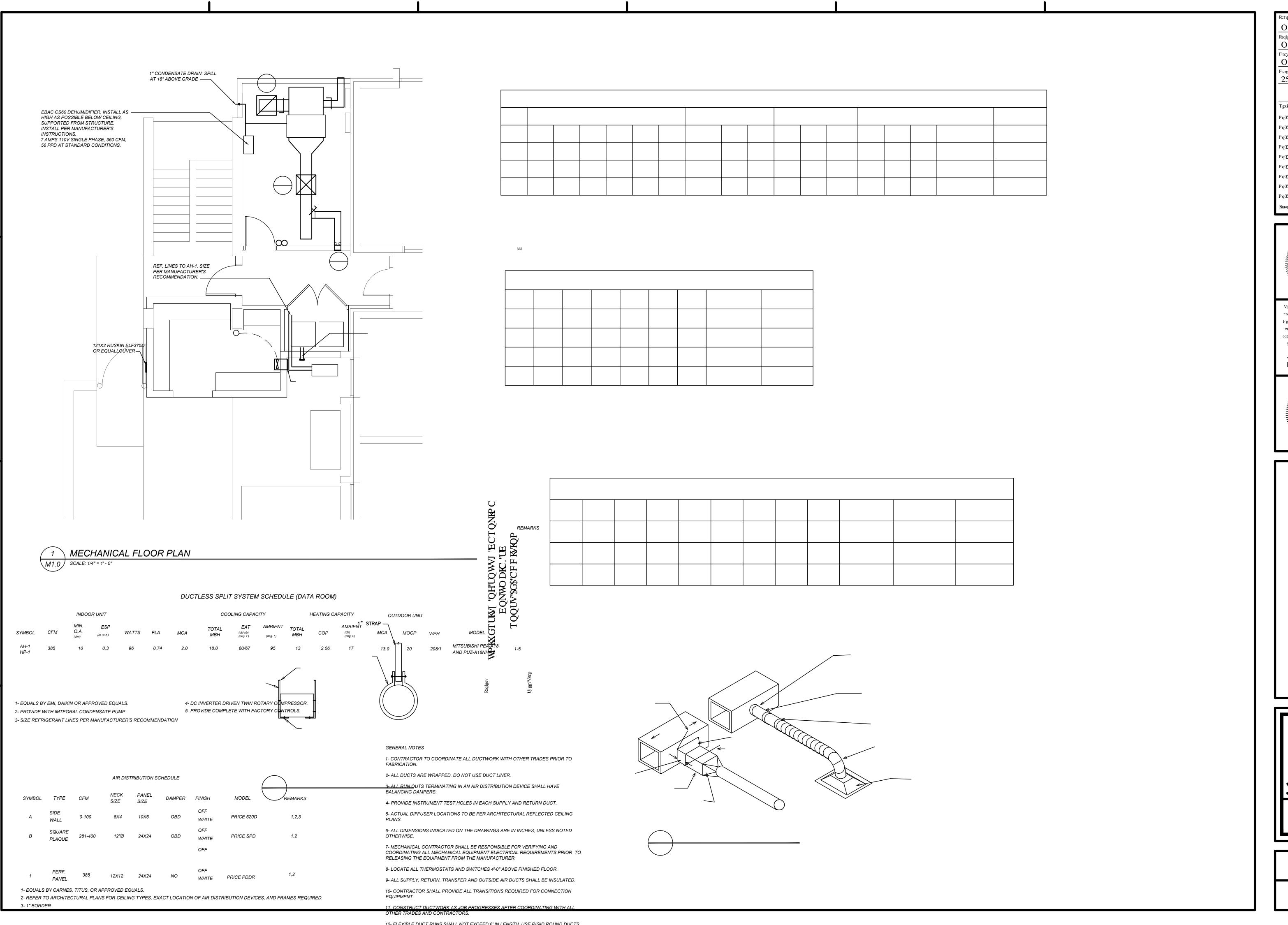


Project Number

H27-N259

Sheet

D 1 0



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Architecture Integrated Design

3: 34'NRP EQNP 'UVTGGV
VJ KTF 'HNQQT
EQNWO DKC.'UE'4; 423/4532
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HCZ< 30 25047408852

H27-N259

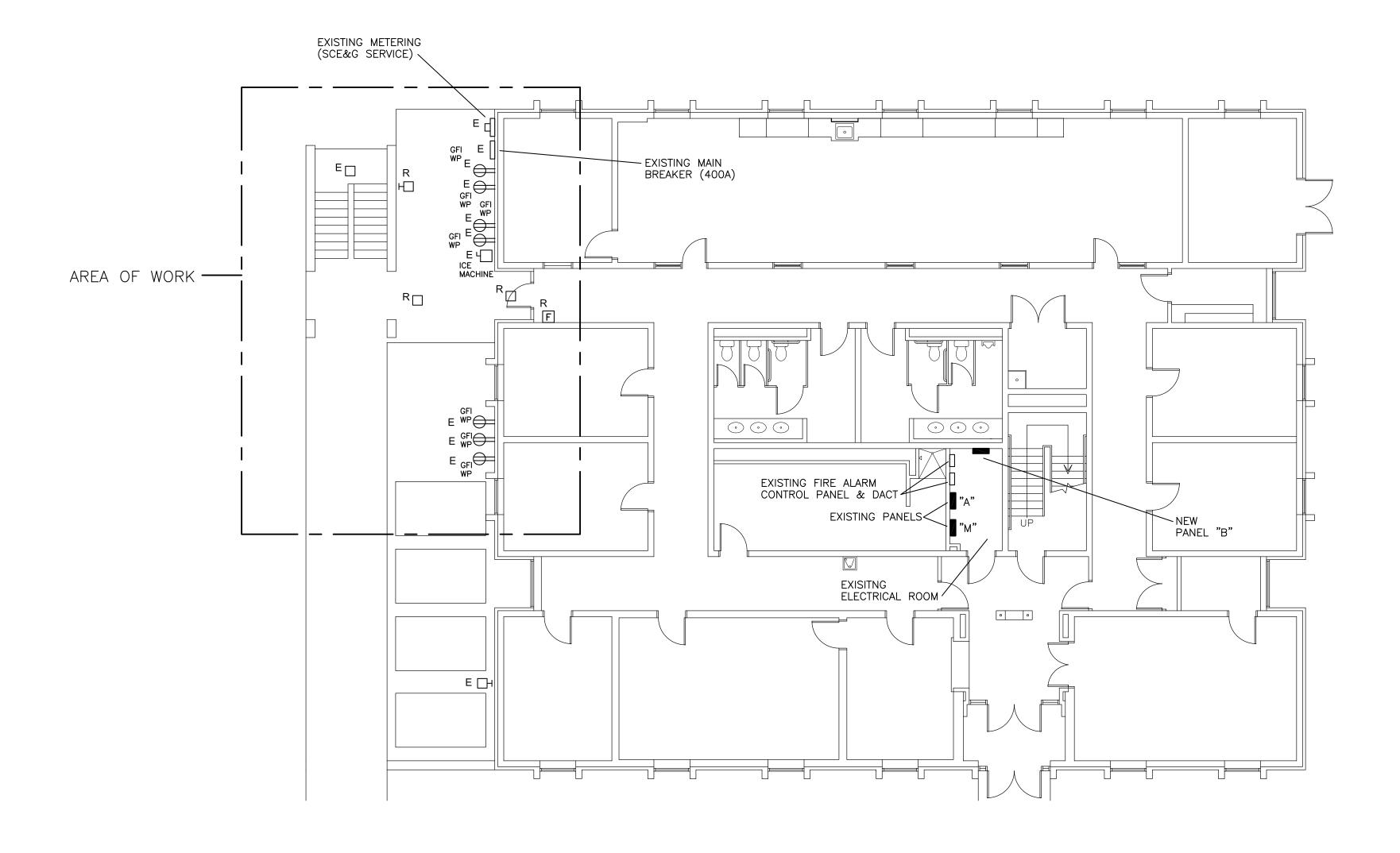
O '"302

	<u> </u>
R R ⊢ □	EXISTING LIGHTING FIXTURE TO BE REMOVED BY ELECTRICAL CONTRACTOR
Ē E□	EXISTING LIGHTING FIXTURE TO REMAIN IN PLACE
E -	EXISTING DUPLEX RECEPTACLE TO REMAIN IN PLACE.
E GFI WP	EXISTING GFI TYPE DUPLEX RECEPTACLE TO REMAIN IN PLACE.
Ĕ□	EXISTING SAFETY DISCONNECT SWITCH TO REMAIN IN PLACE.
R _F	EXISTING FIRE ALARM PULL STATION TO BE RELOCATED BY ELECTRICAL CONTRACTOR. EXTEND WIRING IN CONDUIT AS REQUIRED. 48" AFF (TOP OF BOX)
	RENOVATION SYMBOLS
A	LIGHTING FIXTURES (SEE LIGHTING FIXTURE SCHEDULE) (ALPHANUMERIC DENOTES TYPE, NUMBER DENOTES CIRCUIT)
	LIGHTING FIXTURES WITH EMERGENCY BATTERY PACK BACKUP
⊗	EXIT SIGN, SINGLE FACE, CEILING MOUNTED
3 _P	SINGLE POLE SWITCH, FLUSH MOUNTED IN WALL AT 48" AFF T.O.B. (TOP OF BOX)
2 3	THREE WAY SWITCH FLUSH MOUNTED IN WALL AT 48" AFF T.O.B.
¹²	20 AMP DUPLEX RECEPTACLE, FLUSH MOUNTED IN WALL AT 18" AFF (NUMBER DENOTES CIRCUIT)
GFI ←	20 AMP DUPLEX RECEPTACLE, FLUSH MOUNTED IN WALL AT 18" AFF (GFI = GROUND FAULT INTERRUPTER; WP = WEATHERPROOF METALLIC "IN-USE" TYPE COVER)
30A 208V	30 AMP, 208 VOLT RECEPTACLE, FLUSH MOUNTED IN WALL AT 18" AFF UNLESS NOTED OTHERWISE.
-	ELECTRICAL PANELBOARDS, SURFACE AND FLUSH MOUNTED RESPECTIVELY
1	ELECTRICAL SAFETY DISCONNECT SWITCH. (30 AMP, 208V, 2 POLE, FUSIBLE, NEMA 1) SURFACE MOUNT SWITCH ON WALL AT LOCATION WHERE SWITCH HAS PROPER CLEARANCE IN ACCORDANCE WITH NEC.
2	ELECTRICAL SAFETY DISCONNECT SWITCH. (30 AMP, 208V, 2 POLE, FUSIBLE, NEMA 3R) SURFACE MOUNT SWITCH ON WALL AT LOCATION WHERE SWITCH HAS PROPER CLEARANCE IN ACCORDANCE WITH NEC.
M	DISCONNECT SWITCH INTEGRAL WITH MECHANICAL EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE BRANCH CIRCUIT AND CONNECTION.
Ó	ELECTRICAL MOTOR CONNECTION PROVIDED BY ELECTRICAL CONTRACTOR.
17)	CONDUCTOR/CONDUIT NOTATION (SEE PANELBOARD SCHEDULE)
5cd -	FIRE ALARM AUDIO/VISUAL INDICATING DEVICE, CEILING MOUNTED (EXTEND INDICATING FIRE ALARM CIRCUIT AS REQUIRED). (NUMBER INDICATES CANDELA RATING)

ELECTRICAL SYMBOL LEGEND

DEMOLITION SYMBOLS

			LIGH	TING FIXTURE SCHEDULE				
SYMBOL	TYPE	DESCRIPTION	MANUFACTURER	MODEL NUMBER	OPTICAL ELEMENT	MOUNTING	VOLTS	LAMPS (PHILIPS OR EQUAL)
\boxtimes	А	2'x4' FLUORESCENT GRID FIXTURE, SPEC GRADE, ALUMINUM DOOR, 1400 LUMEN BATTERY PACK	LITHONIA	2SP8G 232 FW A12125 MVOLT GEB10IS EL14	.125 ACRYLIC LENS	GRID	120	2 - F32T8/TL741/ALTO
•	В	4' VAPORTIGHT FLUORESCENT SURFACE FIXTURE	LITHONIA	VSL 232 MVOLT GEB10IS	ACRYLIC LENS	SURFACE	120	2 - F32T8/TL741/ALTO
	BE	SAME AS FIXTURE "B" EXCEPT WITH 1400 LUMEN BATTERY PACK	LITHONIA	VSL 232 MVOLT GEB10IS EL14	ACRYLIC LENS	SURACE	120	2 - F32T8/TL741/ALTO
н⊠	CE	COMPACT FLUORESCENT WALL FIXTURE, BATTERY PACK, PE CELL	LITHONIA	WST 2/26DTT MD MVOLT ELDW PE	GLASS LENS	WALL 8'0" AFF	120	2 - PL-C 26W/841/ALTO
⊗	×	EXIT SIGN, THERMOPLASTIC HOUSING, RED LETTERS, BATTERY PACK	LITHONIA	LQM S W 3 R 120/277 ELN	NONE	CEILING	120	L.E.D. (INCLUDED)



ELECTRICAL DEMOLITION PLAN E1.0 SCALE: 1/8" = 1' - 0"

ELECTRICAL DRAWING INDEX

E1.0 ELECTRICAL DEMOLITION PLAN & LEGENDS

E2.0 ELECTRICAL RENOVATION PLANS

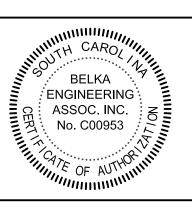




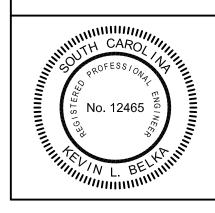


7 CLUSTERS COURT, SUITE 201 COLUMBIA, SOUTH CAROLINA 29210 (803) 731-0650 fax (803) 731-2880 EMAIL: CEStringfield@bellsouth.net

Partner In Charge CES Project Engineer KLB Drawn By ZES Date Drawn 03/13/2012



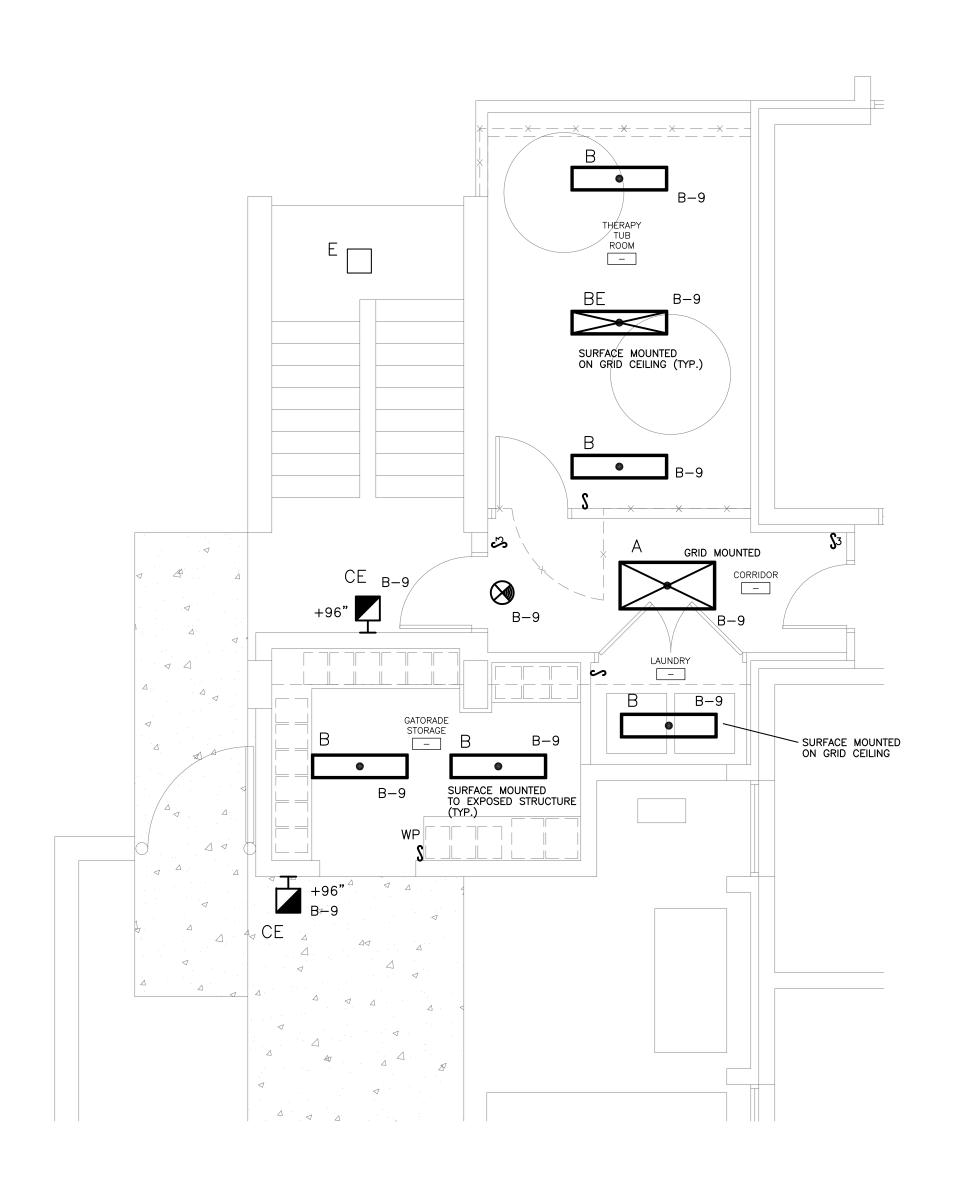
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UNIVERSITY OF SOUTH CAROLIN COLUMBIA, SC ROOST "E" ADDITION

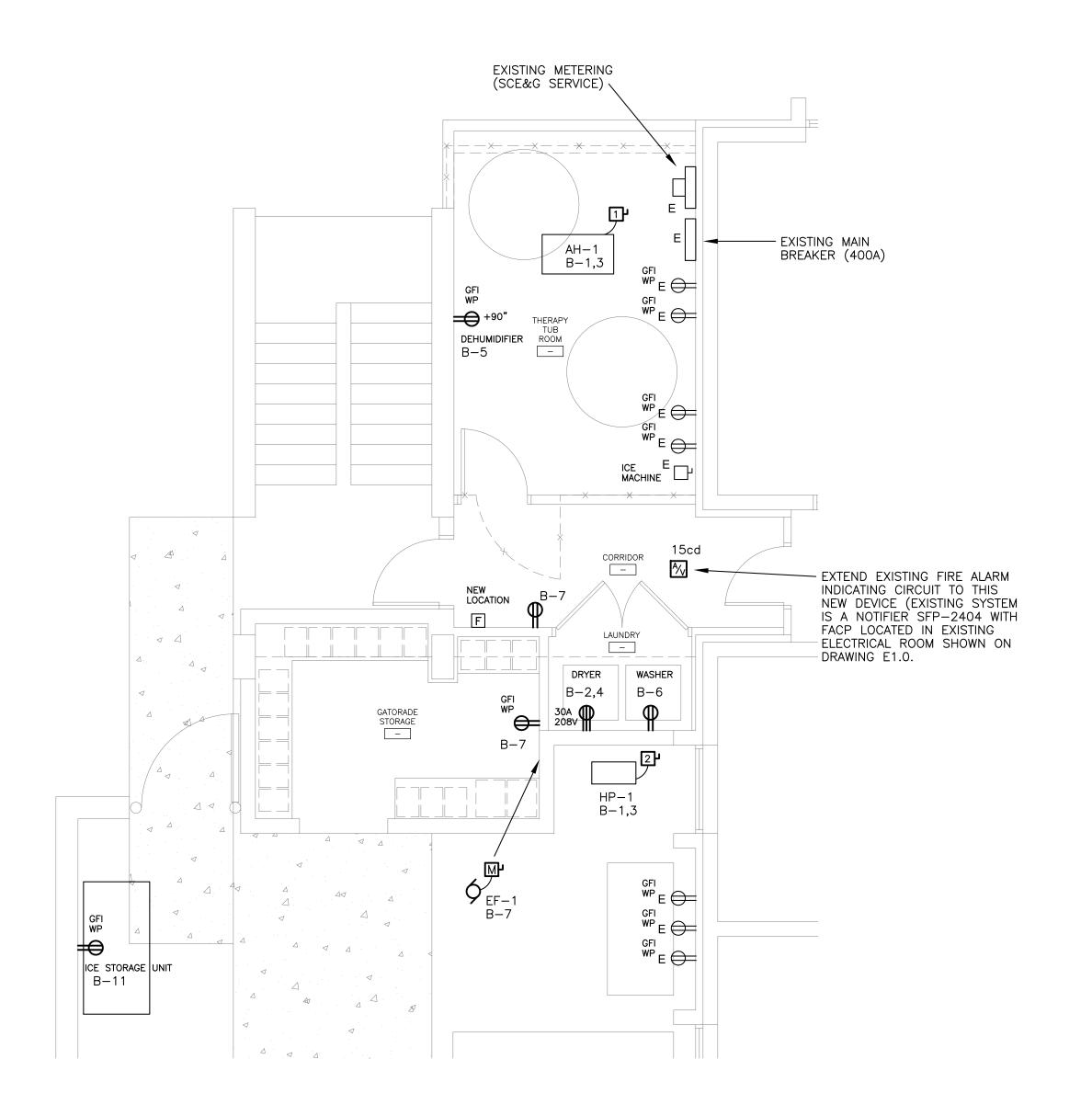
Project Number H27-N259

E1.0



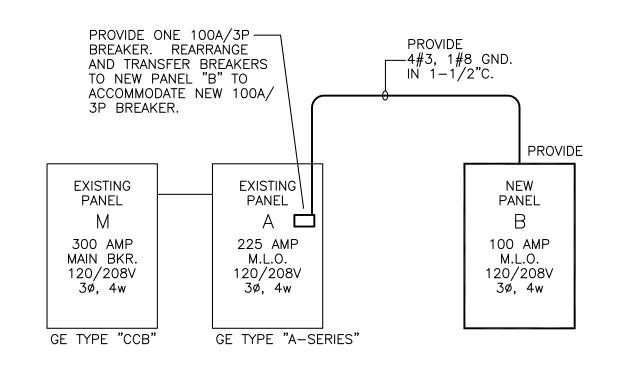


120/208V, 3 PH., 4W, 60 HZ 100 AMP M.L.O.	NEW PANEL "B"									EL "B"			
SURFACE MOUNTED													
10,000 A.I.C. SYM. (MINIMUM)													
	BKR.	LOAD	CKT.				CVT	LOAD	BKR.	T			
LOADS SERVED	AMP	KVA	NO.	()	S /	N)	CKT. NO.	KVA	AMP		LOADS	SERVED	
AH-1/HP-1	20	1.5	1		•		2	2.0	- 30	DRYER			
DEHUMIDIFIER	20	1.5 0.9	3 5				6	2.0	20	WASHER			
RECPS & EF - NEW ADDITION	20	0.9	7			<u> </u>	8	1.0	20	EXISTING	LOAD		
LIGHTING — NEW ADDITION	20	0.7	9				10	1.0	20	EXISTING			
RECEPTACLE - ICE STORAGE	20	0.4	11				12	1.0	20	EXISTING			-
SPARE	20	_	13		•	<u> </u>	14	_	20	SPARE			
SPARE	20	_	15		-	<u> </u>	16	_	20	SPARE			
SPARE	20	_	17] 		—	18	_	20	SPARE			
SPARE	20	_	19]		 	20	_	20	SPARE			
SPARE	20	_	21]	+	 	22	_	20	SPARE			
SPARE	20	_	23			<u> </u>	24	_	20	SPARE			
			0.0	NINIEOTE	.D 10	ADC (10)	· ^ `						
						ADS (KV ØC 3							
			<i>DA</i>	.1_ 00	٥.۷	_ 20_3	/. /						
				TOTAL	LOAD	S (KVA)							
				_	14.0								
		(2)	2#1	0 1#1	O GI	ND. IN	3/4"(?					
		\ <u></u>		•			•						
		3	3#1	0, 1#1	0 GI	ND. IN	3/4"(C.					
ALL OTH			CIBC	יווודי כ	יואוו	DE 04	410	1 11 1 2	CND	IN 3/4"C.			



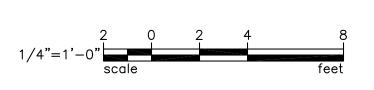
2 ELECTRICAL/SYSTEMS RENOVATION PLAN
E2.0 SCALE: 1/4" = 1' - 0"





FINISHED FLOOR

3 POWER SINGLE LINE DIAGRAM
E2.0 NOT TO SCALE





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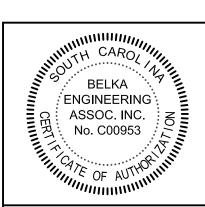
CES
Project Engineer
KLB
Drawn By
ZES
Date Drawn
03/13/2012

Partner In Charge

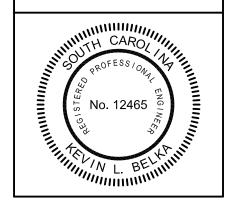
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ROOST "E" ADDITION
ELECTRICAL RENOVATION PLANS

Sheet Title

Project Number
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E1.1