DAVID R. POLSTON • ARCHITECT

3806 Park Avenue, Suite 2L
Wilmington, North Carolina 28403
(910) 350-8900 Fax: (910) 350-0401
Email: polstonaia@bellsouth.net

ADDENDUM NO. 1

MAY 21, 2025

100 BED NURSING HOME
PRUITTHEALTH – GRANDE DUNES
MYRTLE BEACH, SOUTH CAROLINA

A. CHANGE OF BID DATE:

1. The receipt of bids from the four invited general contractors shall be changed from May 27, 2025 to June 3, 2025 at 2:00 p.m.

2. The four invited general contractors are:

John M. Campbell Company
102 Winchester Avenue
Monroe, North Carolina 28111
(704) 283-8191

3. The general contractors may submit their bids prior to 2:00 p.m. on June 3, 2025 at PruittHealth offices, 1626 Jeurgens Court, Norcross, Georgia 30093 or email their proposals to nfrazier@pruitthealth.com and polstonaia@bellsouth.net.

4. The opening of proposals will remain private.

B. CIVIL:

1. Attached landscape Sheets L1 and L2 to be added to the construction contract requirements. General Contractors to include in their base bid all landscape requirements detailed on attached Landscape Sheets L1 and L2.

2. The general contractor shall include in their base bid the cost to install twelve (12) 26 feet long 4" PVC sleeves under driveways or walks as directed by the owner, architect or civil engineer.

3. The owner will be responsible for the installation of any landscape irrigation systems.

4. Attached Detail A60 Structure to be included in the construction contract for the 4 x 4 CS (60) Structure as shown on Civil Sheet C5.0.

C. STRUCTURAL:

1. Attached new Structural Sheet S1.10 to be added to the contract construction requirements. New sheet adds the Storage Building foundation plan, Storage Building framing plan and structural notes.

D. ARCHITECTURAL:

1. All bedrooms are private rooms and do not require the installation of ceiling mounted privacy curtain tracks. Item 12 on the Toilet Accessories Schedule is not used on this project.

2. Delete Note 4 (all exterior perimeter downspouts to have concrete splash blocks) on Sheets A-22, A-23, A-24, A-25, A-26 and A-27. All exterior perimeter downspouts are to be piped underground to the storm water collection system as detailed on Civil Sheet C5.1.

E. ELECTRICAL:

1. Sheet E-0.11 revises Breakers 51, 53 and 55 in Panel NA for the Occupational Therapy range to shunt trip breakers.

2. Sheet E-0.11 adds Breaker 57 in Panel NA for electrical circuit to Occupational Therapy range hood fire suppression system.

3. Sheet F0.1 adds new Occupational Therapy range hood fire suppression system to the Function Fire Alarm Riser and Fire Alarm system Control Matrix.

4. Sheet FA1.1 adds the fire alarm connection to the Occupational Therapy range hood fire suppression system.

END OF ADDENDUM

HWY 17 BYPASS

WALL / 15' LANDSCAPE BUFFER

(5) POD MAK
7 gal.

(93) VIB ODO
3 gal.

(20) QUE NIG
IO` Ht.

(5) POD MAK
7 gal.

(52) MYR CER
3 gal.

(3) NYS SYL
IO` Ht.

(3) PIN ELL
IO` Ht.

(3) NYS SYL
IO` Ht.

(3) PIN ELL
IO` Ht.

TURF

NATURAL VEGETATION
TO REMAIN

NATURAL VEGETATION
TO REMAIN

FUTURE EXPANSION

(I) QUE TEX
IO` Ht.

(I) POD MAK
7 gal.

(7) ILE HEL
3 gal.

(9) ILE HEL
3 gal.

(12) ILE HEL
3 gal.

(8) RHO UOZ
3 gal.

(21) LOM LON
1 gal.

(9) RHO XZD
3 gal.

(15) LOM LON
1 gal.

(15) RHO XZD
3 gal.

(47) POD MAK
7 gal.

(16) RHO UOZ
3 gal.

(3) POD MAK
7 gal.

(2) POD MAK
7 gal.

(6) ROS DKN
3 gal.

(2) SAB SAB
IO`-12`

(5) SAB SAB
IO`-12`

(50) LOM LON
1 gal.

71ST AVE NORTH EXTENSION

MUH WHI
3 gal.

(7) JUS DKN
3 gal.

(15) MUH WHI
3 gal.

(5) SAB SAB
IO`-12`

(8) ROS DKN
3 gal.

(13) MUH WHI
3 gal.

(11) MUH WHI
3 gal.

(2) CAM PCS
7 gal.

(37) RHO XZD
3 gal.

(23) RHO UOZ
3 gal.

(7) RHO UOZ
3 gal.

(6) ILE HEL
3 gal.

(6) MUH WHI
3 gal.

(3) CAM PCS
7 gal.

(12) RHO XZD
3 gal.

(73) LOR GRE
7 gal.

(27) CHA YAD
5 gal.

(9) NYS SYL
IO` Ht.

(7) PIN ELL
IO` Ht.

(74) MYR CER
3 gal.

JOINT STORMWATER
FACILITY
TOB - 30'
BOT - 18'

10' LANDSCAPE BUFFER

50' SANTEE COOPER EASEMENT

EX MH
RIM:27.49
INV:19.44

SS

DEVELOPMENT RESOURCE GROUP, LLC
4703 OLEANDER DRIVE
MYRTLE BEACH, SC 29577
843-839-3350 | DRGPLLC.COM

DEVELOPMENT RESOURCE GROUP, LLC No.6089

REGISTERED LANDSCAPE ARCHITECT
State of South Carolina
No. 1320
SEAN C. HOELSCHER

LANDSCAPE PLAN

PRUITT HEALTHCARE

PREPARED FOR:
PRUITT HEALTHCARE
1627 JEURGEN COURT
NORCROSS, GA 30093
706-491-9099

JOB NO:	24153
SCALE:	1"=40'
DRAFTED BY:	SCH
DESIGNED BY:	SCH
APPROVED BY:	SCH
DATE:	04/28/2025

SHEET NUMBER:

L1

P:\24153 - PRUITT HEALTHCARE - CANE PATCH\DESIGN\DRAWINGS\LANDSCAPE\24153 LSCP.DWG

LANDSCAPE NOTES:

1. REFERENCE SITE WORK AND SPECIFICATIONS FOR INFORMATION NEEDED FOR LANDSCAPE WORK.
2. CONTRACTOR TO VERIFY AND LOCATE ALL PROPOSED AND EXISTING STRUCTURES. NOTIFY LANDSCAPE ARCHITECT OR DESIGNATED REPRESENTATIVE FOR ANY LAYOUT DISCREPANCIES OR ANY CONDITION THAT WOULD PROHIBIT THE INSTALLATION AS SHOWN.
3. CONTRACTOR SHALL CALL 811 TO VERIFY AND LOCATE ANY AND ALL UTILITIES ON SITE PRIOR TO COMMENCING WORK. LANDSCAPE ARCHITECT SHOULD BE NOTIFIED OF ANY CONFLICTS.
4. QUANTITIES ON THESE PLANS ARE FOR REFERENCE ONLY.
5. THE SPACING OF PLANTS SHOULD BE AS INDICATED ON PLANS OR OTHERWISE NOTED. ALL TREES AND SHRUBS SHALL BE PLANTED PER DETAILS.
6. A MINIMUM OF 2% SLOPE SHALL BE PROVIDED AWAY FROM ALL STRUCTURES.
7. LANDSCAPE ISLANDS SHALL BE CROWNED, AND UNIFORM THROUGHOUT THE SITE.
8. ALL PLANTING AREAS SHALL BE GRADED SMOOTH TO ACHIEVE FINAL CONTOURS AS INDICATED ON PLAN WITH 3" OF TOPSOIL AND 3" OF COMPOST AND CONSISTENTLY BLENDED TO A DEPTH OF 9". ALL BEDS SHALL BE CROWNED TO ANTICIPATE SETTLEMENT AND ENSURE PROPER DRAINAGE.
9. PLANTING AREAS AND SOD TO BE SEPARATED BY "V-NOTCH" AS PER DETAILS.
10. MULCH SHALL BE INSTALLED AT 1/2" BELOW THE TOPS OF SIDEWALKS AND CURBING.
11. CONTAINER GROWN PLANT MATERIAL IS PREFERRED UNLESS INDICATED ON THE PLANT QUANTITIES. BALL AND BURLAP PLANT MATERIAL CAN BE SUBSTITUTED IF NEED BE AND IS APPROPRIATE TO THE SIZE AND QUALITY INDICATED ON THE PLANT MATERIAL LIST.
12. TREES SHALL BE PLANTED AT A MINIMUM OF 5' FROM ANY UTILITY LINE, SIDEWALK OR CURB. TREES SHALL ALSO BE 10' CLEAR FROM FIRE HYDRANTS.
13. 4" OF TRIPLE GROUND DARK HARDWOOD MULCH (2" SETTLED THICKNESS) SHALL BE PLACED IN ALL LANDSCAPE BEDS AFTER PLANTING IS COMPLETED.
14. CONTRACTOR TO PROVIDE UNIT PRICING OF LANDSCAPE MATERIALS AND BE RESPONSIBLE FOR OBTAINING ALL LANDSCAPE AND IRRIGATION PERMITS.
15. HEIGHT AND CALIPER SIZE SUPERSEDE GALLON SIZE AT THE TIME OF PLANTING.
16. ANY DISTURBED AREA NOT SPECIFICALLY NOTED TO BE SODDED SHALL BE HYDROSEEDED WITH AN APPROPRIATE SEASONAL MIX.

IRRIGATION:

1. IN THE ABSENCE OF AN IRRIGATION SYSTEM OR AREAS BEYOND THE COVERAGE LIMITS OF A PERMANENT IRRIGATION SYSTEM, CONTRACTOR SHALL WATER SOD TEMPORARILY, BY ANY MEANS AVAILABLE, TO DEVELOP ADEQUATE GROWTH. TURF SHALL BE IN 100% ESTABLISHMENT AT THE TIME OF ACCEPTANCE BY OWNER.
2. HOSE BIB WITHIN 50' OF LANDSCAPE MATERIAL IN THE ABSENCE OF A MECHANICAL IRRIGATION SYSTEM.

MAINTENANCE REQUIREMENTS:

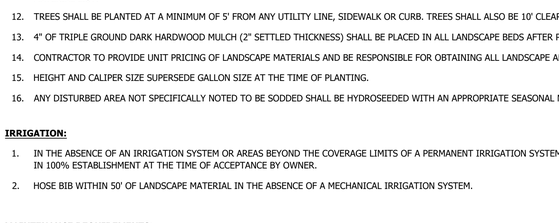
1. VEGETATION SHOULD BE INSPECTED REGULARLY TO ENSURE THAT PLANT MATERIAL IS ESTABLISHING PROPERLY AND REMAINS IN A HEALTHY GROWING CONDITION APPROPRIATE FOR THE SEASON. IF DAMAGED OR REMOVED, PLANTS MUST BE REPLACED BY A SIMILAR VARIETY AND SIZE.
2. PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR FOLLOWING THE ACCEPTANCE BY OWNING. SHOULD PLANT MATERIAL FAIL DURING THAT WARRANTY PERIOD THE OWNER MAY REQUEST FOR THE ONE-TIME REPLACEMENT.
3. MOWING, TRIMMING, EDGING AND SUPERVISION OF WATER APPLICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE OWNER OR OWNER'S REPRESENTATIVE ACCEPTS AND ASSUMES REGULAR MAINTENANCE.
4. ALL LANDSCAPE AREAS SHOULD BE CLEANED AND KEPT FREE OF TRASH, DEBRIS, WEEDS AND OTHER MATERIAL.

GENERAL TURF NOTES

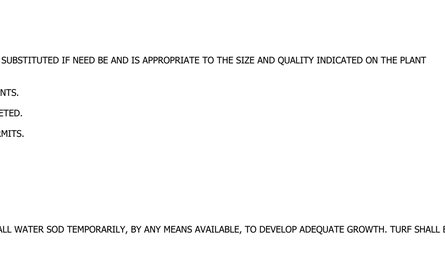
1. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TOP SOIL AT THE CORRECT GRADES. CONTRACTOR TO FINE GRADE AREAS TO REACH FINAL CONTOURS AS SPECIFIED PER CIVIL PLANS. ALL CONTOURS SHOULD ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND STRUCTURES. WATER SHOULD NOT BE ABLE TO POOL IN ANY AREAS UNLESS SPECIFIED OTHERWISE. EROSION CONTROL FABRIC TO BE USED WHERE NECESSARY TO PREVENT SOIL EROSION.
2. ANY LOSS OF TOPSOIL OR TURF DUE TO EROSION IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL IT IS 100% ESTABLISHED.
3. CONTRACTOR TO REMOVE ANY ROCKS 3/4" AND LARGER, STICKS AND DEBRIS PRIOR TO INSTALLATION OF TOPSOIL AND SOD.
4. FOUR (4") OF TOPSOIL SHALL BE APPLIED TO AREAS DISTURBED BY CONSTRUCTION RECEIVING SOD. IF TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL AS APPROVED BY THE OWNER OR OWNERS REPRESENTATIVE.
5. TOPSOIL SHALL BE FRIABLE, NATURAL LOAM, FREE OF ROCKS, WEEDS, BRUSH, CLAY LUMPS, ROOTS, TWIGS, LITTER AND ENVIRONMENTAL CONTAMINANTS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR SOD UNTIL ACCEPTANCE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: MOWING, WATERING, WEEDING, CULTIVATING, CLEANING AND REPLACING DEAD OR BARE AREAS TO KEEP PLANTS IN A VIGOROUS, HEALTHY CONDITION. SOD SHALL BE REPLACED IF NECESSARY.
7. CENTIPEDE / BERMUDA SOD SHALL BE PLACED ALONG ALL IMPERVIOUS EDGES, AT A MINIMUM. THIS SHALL INCLUDE CURBS, WALKS, INLETS, MANHOLES AND PLANTING BED AREAS. SOD SHALL COVER OTHER AREAS COMPLETELY AS INDICATED BY PLAN.
8. SOD SHALL BE STRONGLY ROOTED DROUGHT RESISTANT SOD, FRESHLY CUT, FREE OF WEEDS AND UNDESIRABLE NATIVE GRASS AND MACHINE CUT TO PAD THICKNESS OF 3/4" (+1/4"), EXCLUDING TOP GROWTH AND THATCH. PROVIDE ONLY SOD CAPABLE OF VIGOROUS GROWTH AND DEVELOPMENT WHEN PLANTED.
9. LAY SOD WITH TIGHTLY FITTING JOINTS, NO OVERLAPS WITH STAGGERED STRIPS TO OFFSET JOINTS.
10. SOD SHALL BE ROLLED TO CREATE A SMOOTH EVEN SURFACE. SOD SHOULD BE WATERED THOROUGHLY DURING INSTALLATION PROCESS.
11. SHOULD INSTALLATION OCCUR BETWEEN OCTOBER 1ST AND MARCH 1ST, SOD SHALL INCLUDE AN OVER-SEED OF ANNUAL RYE OR WINTER RYEGRASS AT A RATE OF FOUR POUNDS PER ONE THOUSAND SQUARE FEET FOR A GROWN-IN APPEARANCE.

LIGHTING NOTES

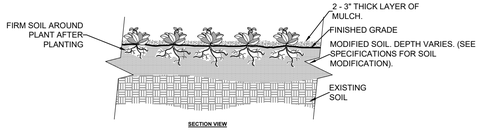
1. LIGHT FIXTURES SHALL BE FULL-CUTOFF AND MEET ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) CRITERIA.
2. LIGHTING SHALL BE AIMED STRAIGHT DOWN.
3. PARKING LOT LIGHTING SHALL HAVE LIGHTING NO GREATER THAN SIXTEEN FEET IN HEIGHT.
4. LIGHTING SHALL NOT PRODUCE ILLUMINATION THAT EXCEEDS 1 FOOTCANDLE BEYOND ANY RESIDENTIAL LINE

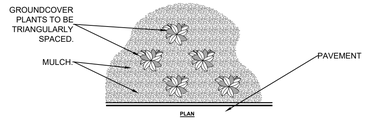


1. SHRUB PLANTING DETAIL

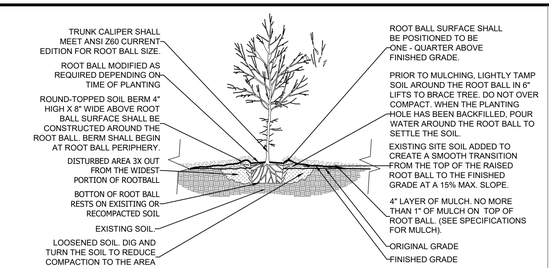


3. TREE STAKING DETIAL

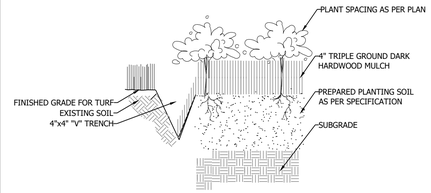




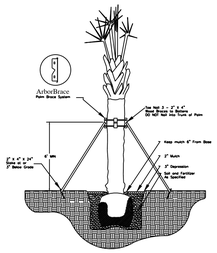
2. GROUND COVER PLANTING DETIAL



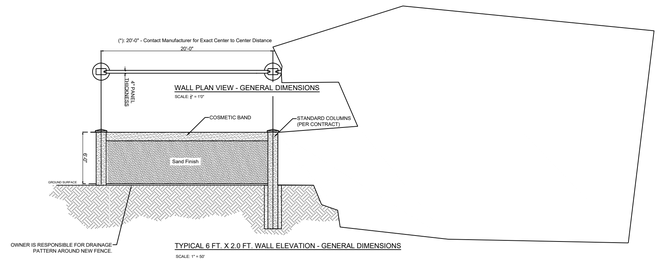
4. TREE PLANTING DETAIL



5. BED EDGING DETAIL



6. PALM TREE PLANTING DETAIL



7. WALL DETAIL

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	QTY	DETAIL
TREES						
	NYS SYL	Nyssa sylvatica / Tupelo	10` Ht.	Pot	15	
	PIN ELL	Pinus elliottii / Slash Pine	10` Ht.	Pot	13	
	QUE NIG	Quercus nigra / Water Oak	10` Ht.	Pot	20	
	QUE TEX	Quercus texana / Nuttall Oak	10` Ht.		17	
	SAB SAB	Sabal palmetto / Cabbage Palmetto	10`-12`	B&B	24	
SHRUBS						
	CAM PCS	Camellia japonica 'Professor Charles Sargent' / Professor Sargent Camellia	7 gal.	Pot	11	
	CHA YAD	Chamaecyparis pisifera 'Yadkin Gold' / Vintage Gold Sawara Cypress	5 gal.	Pot	27	
	ILE HEL	Ilex crenata 'Helleri' / Heler Japanese Holly	3 gal.	Pot	59	
	LOM LON	Lomandra longifolia / Mat Rush	1 gal.	Pot	86	
	LOR GRE	Loropetalum chinense / Chinese Fringe Flower	7 gal.	Pot	73	
	MUH WHI	Muhlenbergia capillaris 'White Cloud' / White Cloud Muhly Grass	3 gal.	Pot	79	
	MYR CER	Myrica cerifera / Wax Myrtle	3 gal.	Pot	126	
	POD MAK	Podocarpus macrophyllus 'Maki' / Maki Yew Podocarpus	7 gal.	Pot	15	
	RHO XZD	Rhododendron x 'Formosa' / Formosa Azalea	3 gal.	Pot	70	
	RHO UOZ	Rhododendron x 'Roblezd' / Autumn Majesty® Encore® Azalea	3 gal.	Pot	54	
	ROS DKN	Rosa x 'Radtkopink' / Pink Double Knock Out® Rose	3 gal.	Pot	27	
	VIB ODO	Viburnum odoratissimum / Sweet Viburnum	3 gal.	Pot	93	

DEVELOPMENT RESOURCE GROUP, LLC
4703 OLEANDER DRIVE
MYRTLE BEACH, SC 29577
843-839-3350 | DRGPLLC.COM

DEVELOPMENT RESOURCE GROUP, LLC No.6089

REGISTERED LANDSCAPE ARCHITECT — State of South Carolina — No. 1320 — SEAN C. HOELSCHER

LANDSCAPE NOTES & DETAILS

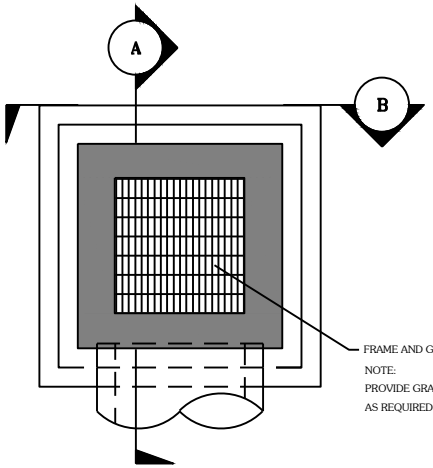
PRUITT HEALTHCARE

PREPARED FOR:
PRUITT HEALTHCARE
1627 JEURGEN COURT
NORCROSS, GA 30093
706-491-9099

JOB NO:	24153
SCALE:	1"=40'
DRAFTED BY:	SCH
DESIGNED BY:	SCH
APPROVED BY:	SCH
DATE:	04/28/2025

SHEET NUMBER:

L2

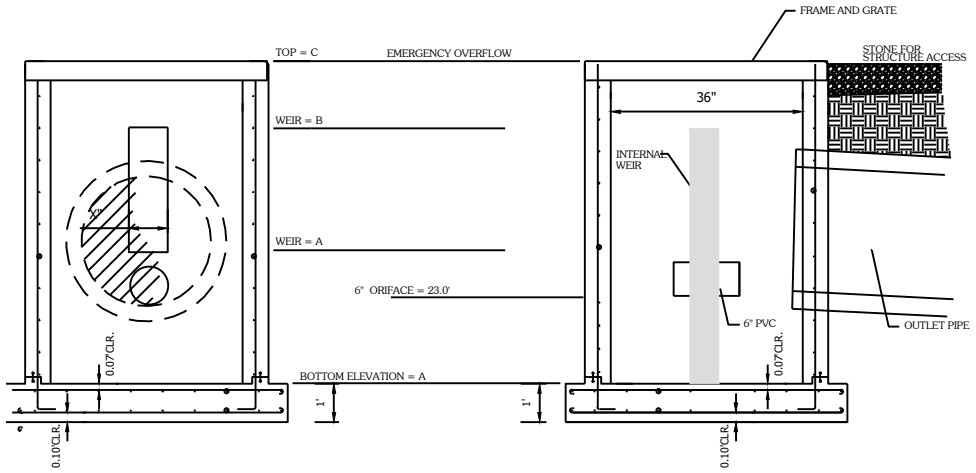


TOP VIEW

NOTE:
PROVIDE GRATING SUPPORTS
AS REQUIRED FOR LOADING.

NOTE:
THE PRECAST MANUFACTURE IS TO PREPARE AND SUBMIT TO THE ENGINEER DESIGN DETAILS AND CALCULATIONS FOR THE STRUCTURES SHOWN BASED ON THE DESIGN CRITERIA SPECIFIED. THE DESIGN SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NORTH OR SOUTH CAROLINA EXPERIENCED
IN THE DESIGN OF PRECAST CONCRETE. THE DESIGN SHALL INCLUDE PROVISIONS FOR HANDLING STRESSES AND CONSTRUCTION LOADS. REPRODUCED COPIES OF ASTM C789 "STANDARD SPECIFICATIONS FOR PRECAST REINFORCED CONCRETE BOX SECTIONS FOR CULVERTS, STORM DRAINS, AND SEWERS" WILL NOT BE ACCEPTED AS A SUBSTITUTE FOR DESIGN.

	STRUCTURE O1
A	24.5"
B	25.5"
C	27.0"
X	6"



A SECTION

B SECTION

OUTLET STRUCTURE DETAIL
NOT TO SCALE

DEVELOPMENT RESOURCE GROUP, LLC
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MYRTLE BEACH, SC 29577
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A60 STRUCTURE

CANE PATCH

JOB NO:	24144
SCALE:	NTS
DATE:	5-20-25
EXHIBIT NUMBER:	1

CBHF
Engineers, PLLC
2246 Yaupon Drive Phone: 910.791.4000
Wilmington, NC 28401 Fax: 910.791.5266
www.cbhfengineers.com
SC# 3603

No. 8586
R. DUNCAN McFADYEN
5/6/2025

CBHF ENGINEERS, PLLC No. 3603

ISSUED FOR BID
04-30-2025

Main Switchboard MDP

TYPE: 208 120 VOLTS, 3 PHASE, 4 WIRE
UL 891 SWITCHBOARD CONSTRUCTION, MOUNT: SURFACE
FREE STANDING, FRONT ACCESS ONLY, FEED: BOTTOM
SEE SPECS SECTION 16032 FOR ADDITIONAL DETAILS NEMA - 1 ENCLOSURE

PROVIDE IF CHECKED:
- XX EQUIPMENT GROUND BUS
- XX 100 % NEUTRAL BUS
- XX ULSE LABEL
- ISOLATED GROUND BAR

LOAD SERVED	LOAD VA	CKT BKR POLES/TRIP	CKT #	PHASE LOAD VA A	B	C	CKT #	CKT BKR POLES/TRIP	LOAD VA	LOAD SERVED
PANEL NA	14,429	150/3		45,809				250/3	31,380	PANEL NK
|	16,350	|	1		50,310		2	|	33,960	|
|	13,188	|				45,648		|	32,460	|
PANEL NB	9,051	100/3		9,771				60/3	720	PANEL NG
|	9,000	|	3		9,360		4	|	360	|
|	10,825	|				10,825		|	0	|
PANEL NC	42,784	250/3		46,804				100/3	4,020	PANEL NS
|	53,964	|	5		57,908		6	|	3,944	|
|	27,580	|				30,574		|	2,994	|
PANEL ND	32,938	225/3		38,858				100/3	5,920	PANEL NL
|	33,845	|	7		39,245		8	|	5,400	|
|	33,676	|				39,776		|	6,100	|
PANEL NE	29,241	200/3		29,241				100/3		SPARE
|	31,241	|	9		31,241		10	|		|
|	25,834	|				25,834		|		|
PANEL LS VIA LIFE SAFETY BRANCH ATS-1	5,404	100/3		5,404				30/3		SPD
|	6,599	|	11		6,599		12	|		|
|	6,573	|				6,573		|		|
PANEL C VIA CRITICAL BRANCH ATS-2	58,167	400/3		58,167				100/3		PREPARED SPACE
|	56,462	|	13		56,462		14	|		|
|	62,132	|				62,132		|		|
SWITCHBOARD EH VIA EQUIPMENT SYSTEM ATS-3	145,111	1600/3		145,111				225/3		PREPARED SPACE
(100% RATED CB)	142,685	|	15		142,685		16	|		|
|	141,992	|				141,992		|		|
PREPARED SPACE		225/3		0				225/3		PREPARED SPACE
|		|	17		0		18	|		|
|		|				0		|		|

	A	B	C	
	379,165	393,810	363,354	TTL PHASE VA
	3,160	3,282	3,028	TTL PHASE AMPS
	33%	35%	32%	PHASE BALANCE

NOTES (AS APPLICABLE):
1. COORDINATE CIRCUIT BREAKER TRIP WITH EQUIPMENT.
2. SEE DEMAND LOAD SUMMARY BELOW FOR SERVICE SIZING CALCULATIONS

2,500 A. BUS (COPPER, UNO)
2,500 A. MAIN CIRCUIT BREAKER
65 KAIC MINIMUM RATING

DEMAND SUMMARY:		CONN. (VA)	DEMAND FACTOR	DEMAND (VA)
TOTAL RECEPTACLES (VA) =	492,510			
RECEPTACLES FIRST 10 KVA		10,000	1.00	10,000
RECEPTACLES > 10 KVA		482,510	0.50	241,255
LIGHTING		58,051	1.25	72,564
MISCELLANEOUS EQUIPMENT		31,627	1.00	31,627
OTHER EQUIPMENT (CONTINUOUS)		48,657	1.25	60,821
LARGEST MOTOR		42,513	1.25	53,141
HVAC EQUIPMENT (FLA = MCA X 0.8)		314,975	1.00	314,975
KITCHEN EQUIPMENT	49	147,996	0.65	96,197
TOTAL CONNECTED (VA)		1,136,329		
TOTAL DEMAND (VA)				880,580
TOTAL DEMAND (AMPERES)				2,444.2

ADDITIONAL NOTES (AS APPLICABLE):
3. COORDINATE SPD CIRCUIT BREAKER TRIP WITH SPD PROVIDED.
4. SWBD EH CB SHALL BE 100% RATED & PROVIDED WITH AN ARC ENERGY REDUCTION MAINTENANCE SWITCH PER NEC ART. 240.87.
5. THE MCB SHALL BE 100% RATED & PROVIDED WITH AN ARC ENERGY REDUCTION MAINTENANCE SWITCH PER NEC ART. 240.87.
6. KITCHEN EQUIPMENT DEMAND FACTOR PER NEC TABLE 220.56

Panel NB

TYPE: 208 120 VOLTS, 3 PHASE, 4 WIRE
BOLT-ON MOUNT: SURFACE
HINGED TRIM FEED: BOTTOM
NEMA - 1 ENCLOSURE

PROVIDE IF CHECKED:
- XX EQUIPMENT GROUND BUS
- XX 100 % NEUTRAL BUS
- ULSE LABEL
- ISOLATED GROUND BAR

LOAD SERVED	LOAD VA	CKT BKR POLES/TRIP	CKT #	PHASE LOAD VA A	B	C	CKT #	CKT BKR POLES/TRIP	LOAD VA	LOAD SERVED
RECEPTACLE 14	1,800	20/1	1	3,060			2	20/1	1,260	RECEPTACLES 13,15,17,18
RECEPTACLE 14	1,800	20/1	3		2,340		4	20/1	540	EXTERIOR RECEPTACLES
RECEPTACLE 14	1,800	20/1	5			2,880	6	20/1	1,080	RECEPTACLES 23,24,78,79
PEDECURE STATION 14	1,800	20/1	7	3,240			8	20/1	1,440	RECEPTACLES 21
DRYER CHAIR 14	1,800	20/1	9		2,880		10	20/1	1,080	RECEPTACLES 22
DRYER CHAIR 14	1,800	20/1	11			2,300	12	20/1	500	PROJECTOR 22
RECEPTACLES 14	540	20/1	13	740			14	20/1	200	PROJECTION SCREEN 22
RECEPTACLES, FLOORBOX AND TELEVISIONS 8,9	1,260	20/1	15		2,340		16	20/1	1,080	RECEPTACLES 14D,20
RECEPTACLE 8	180	20/1	17			1,620	18	20/1	1,440	RECEPTACLES, FLOORBOX 19
RECEPTACLE 8	180	20/1	19	360			20	20/1	180	RECEPTACLE 20
ATTIC RECEPTACLES	720	20/1	21		900		22	20/1	180	RECEPTACLE 20
RECEPTACLES 16	540	20/1	23			720	24	20/1	180	RECEPTACLE 20
RECEPTACLE PATIENT TV'S 16	360	20/1	25	720			26	20/1	360	RECEPTACLES 14D,14C
RECEPTACLE PATIENT TV'S 16	360	20/1	27		540		28	20/1	180	RECEPTACLE 14A
SPARE		20/1	29			1,800	30	20/1	1,800	COPIER 13
SPARE		20/1	31	0			32	20/1		SPARE
SPARE		20/1	33		0		34	20/1		SPARE
LIGHTING 8,13,14,14A,14B,14D	1,505	20/1	35			1,505	36	20/1		SPARE
LIGHTING 19,20,21,22,23,24	931	20/1	37	931			38	20/1		SPARE
SPARE		20/1	39		0		40	20/1		SPARE
SPARE		20/1	41			0	42	20/1		SPARE

	A	B	C	
	9,051	9,000	10,825	TTL PHASE VA
	75	75	90	TTL PHASE AMPS
	31%	31%	37%	PHASE BALANCE

NOTES (AS APPLICABLE):
1. COORDINATE CIRCUIT BREAKER TRIP WITH EQUIPMENT.
2. SEE DEMAND LOAD SUMMARY BELOW FOR SIZING CALCULATIONS.

100 A. BUS (COPPER, UNO)
100 A. MAIN LUGS AND/OR FEEDER RATING
10 KAIC MINIMUM RATING

DEMAND SUMMARY:		CONN. (VA)	DEMAND FACTOR	DEMAND (VA)
TOTAL RECEPTACLES (VA) =	26,440			
RECEPTACLES FIRST 10 KVA		10,000	1.00	10,000
RECEPTACLES > 10 KVA		16,440	0.50	8,220
LIGHTING		2,436	1.25	3,045
MISCELLANEOUS EQUIPMENT		0	1.00	0
OTHER EQUIPMENT (CONTINUOUS)		0	1.25	0
LARGEST MOTOR		0	1.25	0
HVAC EQUIPMENT (FLA = MCA X 0.8)		0	1.00	0
KITCHEN EQUIPMENT	0	0	1.00	0
TOTAL CONNECTED (VA)		28,876		
TOTAL DEMAND (VA)				21,265
TOTAL DEMAND (AMPERES)				59.0
PANEL DEMAND LOADING VS RATING		59.0%		

ADDITIONAL NOTES (AS APPLICABLE):
3. NUMBERS IN PARENTHESIS REPRESENT KITCHEN EQUIPMENT NUMBERS.
4. PROVIDE CIRCUIT BREAKER LOCKING DEVICE WHERE NOTED AND FOR FACU AND UNIT TYPE SMOKE DETECTOR CIRCUITS.
5. PROVIDE ARC FAULT CIRCUIT BREAKERS FOR ALL 120V, 15A & 20A PATIENT ROOM BRANCH CIRCUITS SUPPLYING OUTLETS AND DEVICES.

Panel NC2

TYPE: 208 120 VOLTS, 3 PHASE, 4 WIRE
BOLT-ON MOUNT: SURFACE
HINGED TRIM FEED: TOP
NEMA - 1 ENCLOSURE

PROVIDE IF CHECKED:
- XX EQUIPMENT GROUND BUS
- XX 100 % NEUTRAL BUS
- ULSE LABEL
- ISOLATED GROUND BAR

LOAD SERVED	LOAD VA	CKT BKR POLES/TRIP	CKT #	PHASE LOAD VA A	B	C	CKT #	CKT BKR POLES/TRIP	LOAD VA	LOAD SERVED
PRIVATE ROOM 601 RECEPTACLES	540	20/1	1	1,620			2	20/1	1,080	PRIVATE ROOM 701 RECEPTACLES
PRIVATE ROOM 601 BATH RECEPTACLE	1,500	20/1	3		3,000		4	20/1	1,500	PRIVATE ROOM 701 BATH RECEPTACLE
PRIVATE ROOM 602 RECEPTACLES	540	20/1	5			900	6	20/1	360	PRIVATE ROOM 701 REFRIG
PRIVATE ROOM 602 BATH RECEPTACLE	1,500	20/1	7	2,580			8	20/1	1,080	PRIVATE ROOM 702 RECEPTACLE
PRIVATE ROOM 603 RECEPTACLES	540	20/1	9		2,040		10	20/1	1,500	PRIVATE ROOM 702 BATH RECEPTACLE
PRIVATE ROOM 603 BATH RECEPTACLE	1,500	20/1	11			1,860	12	20/1	360	PRIVATE ROOM 702 UC REFRIG
PRIVATE ROOM 604 RECEPTACLES	540	20/1	13	1,620			14	20/1	1,080	PRIVATE ROOM 703 RECEPTACLES
PRIVATE ROOM 604 BATH RECEPTACLE	1,500	20/1	15		3,000		16	20/1	1,500	PRIVATE ROOM 703 BATH RECEPTACLE
PRIVATE ROOM 605 RECEPTACLES	540	20/1	17			900	18	20/1	360	PRIVATE ROOM 703 REFRIG
PRIVATE ROOM 605 BATH RECEPTACLE	1,500	20/1	19	2,580			20	20/1	1,080	PRIVATE ROOM 704 RECEPTACLE
PRIVATE ROOM 606 RECEPTACLES	540	20/1	21		2,040		22	20/1	1,500	PRIVATE ROOM 704 BATH RECEPTACLE
PRIVATE ROOM 606 BATH RECEPTACLE	1,500	20/1	23			1,860	24	20/1	360	PRIVATE ROOM 704 UC REFRIG
PRIVATE ROOM 607 RECEPTACLES	540	20/1	25	1,620			26	20/1	1,080	PRIVATE ROOM 705 RECEPTACLES
PRIVATE ROOM 607 BATH RECEPTACLE	1,500	20/1	27		3,000		28	20/1	1,500	PRIVATE ROOM 705 BATH RECEPTACLE
PRIVATE ROOM 608 RECEPTACLES	540	20/1	29			900	30	20/1	360	PRIVATE ROOM 705 RECEPTACLES
PRIVATE ROOM 608 BATH RECEPTACLE	1,500	20/1	31	2,580			32	20/1	1,080	PRIVATE ROOM 706 RECEPTACLES
PRIVATE ROOM 609 RECEPTACLES	540	20/1	33		2,040		34	20/1	1,500	PRIVATE ROOM 706 BATH RECEPTACLE
PRIVATE ROOM 609 BATH RECEPTACLE	1,500	20/1	35			1,860	36	20/1	360	PRIVATE ROOM 706 UC REFRIG
PRIVATE ROOM 610 RECEPTACLES	540	20/1	37	1,620			38	20/1	1,080	PRIVATE ROOM 707 RECEPTACLES
PRIVATE ROOM 610 BATH RECEPTACLE	1,500	20/1	39		3,000		40	20/1	1,500	PRIVATE ROOM 707 BATH RECEPTACLE
PRIVATE ROOM 611 RECEPTACLES	540	20/1	41			900	42	20/1	360	PRIVATE ROOM 707 ECEPTACLES
PRIVATE ROOM 611 BATH RECEPTACLE	1,500	20/1	43	2,580			44	20/1	1,080	PRIVATE ROOM 708 RECEPTACLES
PRIVATE ROOM 612 RECEPTACLES	540	20/1	45		2,040		46	20/1	1,500	PRIVATE ROOM 708 BATH RECEPTACLE
PRIVATE ROOM 612 BATH RECEPTACLE	1,500	20/1	47			1,860	48	20/1	360	PRIVATE ROOM 708 UC REFRIG
SPARE		20/1	49	720			50	20/1	720	RECEPTACLES 54
SPARE		20/1	51		360		52	20/1	360	RECEPTACLE PATIENT TV'S 54
SPARE		20/1	53			360	54	20/1	360	RECEPTACLE PATIENT TV'S 54
SPARE		20/1	55	0			56	20/1		SPARE
SPARE		20/2	57		0		58	20/1		SPARE
SPARE		20/1	59			0	60	20/1		SPARE

	A	B	C	
	17,520	20,520	11,400	TTL PHASE VA
	146	171	95	TTL PHASE AMPS
	35%	42%	23%	PHASE BALANCE

1. COORDINATE CIRCUIT BREAKER TRIP WITH EQUIPMENT.
2. SEE DEMAND LOAD SUMMARY BELOW FOR SIZING CALCULATIONS.

200 A. BUS (COPPER, UNO)
125 A. MAIN LUGS AND/OR FEEDER RATING
10 KAIC MINIMUM RATING

DEMAND SUMMARY:		CONN. (VA)	DEMAND FACTOR	DEMAND (VA)
TOTAL RECEPTACLES (VA) =	49,440			
RECEPTACLES FIRST 10 KVA		10,000	1.00	10,000
RECEPTACLES > 10 KVA		39,440	0.50	19,720
LIGHTING		0	1.25	0
MISCELLANEOUS EQUIPMENT		0	1.00	0
OTHER EQUIPMENT (CONTINUOUS)		0	1.25	0
LARGEST MOTOR		0	1.25	0
HVAC EQUIPMENT (FLA = MCA X 0.8)		0	1.00	0
KITCHEN EQUIPMENT	6	0	0.65	0
TOTAL CONNECTED (VA)		49,440		
TOTAL DEMAND (VA)				29,720
TOTAL DEMAND (AMPERES)				82.5
PANEL DEMAND LOADING VS RATING		66.0%		

ADDITIONAL NOTES (AS APPLICABLE):
3. NUMBERS IN PARENTHESIS REPRESENT KITCHEN EQUIPMENT NUMBERS.
4. PROVIDE CIRCUIT BREAKER LOCKING DEVICE WHERE NOTED AND FOR FACU AND UNIT TYPE SMOKE DETECTOR CIRCUITS.
5. PROVIDE ARC FAULT CIRCUIT BREAKERS FOR ALL 120V, 15A & 20A PATIENT ROOM BRANCH CIRCUITS SUPPLYING OUTLETS AND DEVICES.

Panel NA

TYPE: 208 120 VOLTS, 3 PHASE, 4 WIRE
BOLT-ON MOUNT: SURFACE
HINGED TRIM FEED: BOTTOM
NEMA - 1 ENCLOSURE

PROVIDE IF CHECKED:
- XX EQUIPMENT GROUND BUS
- XX 100 % NEUTRAL BUS
- ULSE LABEL
- ISOLATED GROUND BAR

LOAD SERVED	LOAD VA	CKT BKR POLES/TRIP	CKT #	PHASE LOAD VA A	B	C	CKT #	CKT BKR POLES/TRIP	LOAD VA	LOAD SERVED
RECEPTACLES, TELEVISION 70	720	20/1	1	1,620			2	20/1	900	RECEPTACLES 68,69,70B,81
RECEPTACLES, TELEVISION 70	540	20/1	3		1,440		4	20/1	900	RECEPTACLES 65
RECEPTACLES, TELEVISION 70	720	20/1	5			1,440	6	20/1	720	RECEPTACLES 67
RECEPTACLES 70	180	20/1	7	560			8	20/1	380	TELEVISION. FIREPLACE 67
FLOOR BOX 70	180	20/1	9		1,620		10	20/1	1,440	RECEPTACLES 70,70A,70C,70D,70E
FLOOR BOX 70	180	20/1	11			720	12	20/1	540	RECEPTACLES 70
FLOOR BOX 70	180	20/1	13	1,260			14	20/1	1,080	RECEPTACLES 74,80
FLOOR BOX 70	180	20/1	15		1,180		16	20/1	1,000	DISHWASHER 70D
FLOOR BOX 70	180	20/1	17			380	18	20/1	200	HOOD 70D
FLOOR BOX 70	180	20/1	19	720			20	20/1	540	RECEPTACLES 70D
EXTERIOR RECEPTACLES	1,080	20/1	21		2,080		22	20/1	1,000	UC FREEZER 65
RECEPTACLES 74A,75,76	540	20/1	23			1,540	24	20/1	1,000	UC REFRIGERATOR 65
RECEPTACLES, TELEVISION 2,3	1,080	20/1	25	2,080			26	20/1	1,000	UC ICE MAKER 65
RECEPTACLES, FLOORBOX, FIRE PLACE, TV 1	1,080	20/1	27		1,440		28	20/1	360	RECEPTACLE 65
RECEPTACLES, FLOORBOX, FIRE PLACE, TV 1	1,080	20/1	29			1,440	30	20/1	360	RECEPTACLE 65
RECEPTACLES, FLOOR BOX 4,5	1,260	20/1	31	1,620			32	20/1	360	RECEPTACLE 65
FOUNTAIN PUMP	1,000	20/1	33		1,900		34	20/1	900	RECEPTCLES, TELEVISIONS 5
FOUNTAIN RECEPTACLE 77	180	20/1	35			540	36	20/1	360	RECEPTACLES 5
EWC (NOTE 4)	1,000	20/1	37	2,000			38	20/1	1,000	UC ICE MAKER 5
ATTIC RECEPTACLES	720	20/1	39		1,720		40	20/1	1,000	ICE CREAM CABINET 5
RECEPTACLES 71,72	1,080	20/1	41			2,080	42	20/1	1,000	UC REFRIGERATOR 5
RECEPTACLES 73	720	20/1	43	1,720			44	20/1	1,000	UC FREEZER 5
SPARE		20/1	45		1,500		46	20/1	1,500	COFFEE MACHINE 7
LIGHTING 65,66,67,68,69,70B,70C,70D,70F,81	1,514	20/1	47			2,054	48	20/1	540	RECEPTACLES 7
LIGHTING 4,5,70,70G,73,74,77,78,79,80,	1,769	20/1	49	2,849			50	20/1	1,080	RECEPTACLES 6,7
RANGE 70D (NOTE 5)	2,750	50/2	51		3,470		52	20/1	720	ATTIC RECEPTACLES
|	2,750	|	53			2,994	54	20/1	244	ATTIC LIGHTS
SHUNT TRIP POWER			55	0			56	20/1		SPARE
RANGE HOOD SUPPRESSION SYSTEM	200	20/1	57		200		58	20/1		SPARE
SPARE		20/1	59			0	60	20/1		SPARE

	A	B	C	
	14,429	16,550	13,188	TTL PHASE VA
	120	138	110	TTL PHASE AMPS
	33%	37%	30%	PHASE BALANCE

NOTES (AS APPLICABLE):
1. COORDINATE CIRCUIT BREAKER TRIP WITH EQUIPMENT.
2. SEE DEMAND LOAD SUMMARY BELOW FOR SIZING CALCULATIONS.

200 A. BUS (COPPER, UNO)
150 A. MAIN LUGS AND/OR FEEDER RATING
10 KAIC MINIMUM RATING

DEMAND SUMMARY:		CONN. (VA)	DEMAND FACTOR	DEMAND (VA)
TOTAL RECEPTACLES (VA) =	32,600			
RECEPTACLES FIRST 10 KVA		10,000	1.00	10,000
RECEPTACLES > 10 KVA		22,600	0.50	11,300
LIGHTING		3,527	1.25	4,409
MISCELLANEOUS EQUIPMENT		200	1.00	200
OTHER EQUIPMENT (CONTINUOUS)		0	1.25	0
LARGEST MOTOR		0	1.25	0
HVAC EQUIPMENT (FLA = MCA X 0.8)		1,260	1.00	1,260
KITCHEN EQUIPMENT	3	6,580	0.90	5,922
TOTAL CONNECTED (VA)		44,167		
TOTAL DEMAND (VA)				33,091
TOTAL DEMAND (AMPERES)				91.8
PANEL DEMAND LOADING VS RATING		61.2%		

ADDITIONAL NOTES (AS APPLICABLE):
3. NUMBERS IN PARENTHESIS REPRESENT KITCHEN EQUIPMENT NUMBERS.
4. PROVIDE AND INSTALL GFCI CIRCUIT BREAKER
5. PROVIDE CB WITH SHUNT TRIP ACCESSORY

Panel NC

TYPE: 208 120 VOLTS, 3 PHASE, 4 WIRE
BOLT-ON MOUNT: SURFACE
HINGED TRIM FEED: TOP
NEMA - 1 ENCLOSURE

PROVIDE IF CHECKED:
- XX EQUIPMENT GROUND BUS
- XX 100 % NEUTRAL BUS
- ULSE LABEL
- ISOLATED GROUND BAR

LOAD SERVED	LOAD VA	CKT BKR POLES/TRIP	CKT #	PHASE LOAD VA A	B	C	CKT #	CKT BKR POLES/TRIP	LOAD VA	LOAD SERVED
PRIVATE ROOM 801 RECEPTACLES	1,080	20/1	1	2,160			2	20/1	1,080	PRIVATE ROOM 809 RECEPTACLES
PRIVATE ROOM 801 BATH RECEPTACLE	1,500	20/1	3		3,000		4	20/1	1,500	PRIVATE ROOM 809 BATH RECEPTACLE
PRIVATE ROOM 801 UC REFRIG	360	20/1	5			720	6	20/1	360	PRIVATE ROOM 809 UC REFRIG
PRIVATE ROOM 802 RECEPTACLE	1,080	20/1	7	2,160			8	20/1	1,080	PRIVATE ROOM 810 RECEPTACLES
PRIVATE ROOM 802 BATH RECEPTACLES	1,500	20/1	9		3,000		10	20/1	1,500	PRIVATE ROOM 810 BATH RECEPTACLE
PRIVATE ROOM 802 UC REFRIG	360	20/1	11			720	12	20/1	360	PRIVATE ROOM 810 UC REFRIG
PRIVATE ROOM 803 RECEPTACLE	1,080	20/1	13	2,160			14	20/1	1,080	PRIVATE ROOM 811 RECEPTACLES
PRIVATE ROOM 803 BATH RECEPTACLES	1,500	20/1	15		3,000		16	20/1	1,500	PRIVATE ROOM 811 BATH RECEPTACLE
PRIVATE ROOM 803 UC REFRIG	360	20/1	17			720	18	20/1	360	PRIVATE ROOM 811 UC REFRIG
PRIVATE ROOM 804 RECEPTACLE	1,080	20/1	19	2,160			20	20/1	1,080	PRIVATE ROOM 812 RECEPTACLES
PRIVATE ROOM 804 BATH RECEPTACLES	1,500	20/1	21		3,000		22	20/1	1,500	PRIVATE ROOM 812 BATH RECEPTACLE
PRIVATE ROOM 804 UC REFRIG	360	20/1	23			720	24	20/1	360	PRIVATE ROOM 812 UC REFRIG
PRIVATE ROOM 805 RECEPTACLE	1,080	20/1	25	1,276			26	20/1	196	ATTIC LIGHTS
PRIVATE ROOM 805 BATH RECEPTACLES	1,500	20/1	27		2,220		28	20/1	720	ATTIC RECEPTACLES
PRIVATE ROOM 805 UC REFRIG	360	20/1	29			1,080	30	20/1	720	RECEPTACLES 63
PRIVATE ROOM 806 RECEPTACLE	1,080	20/1	31	1,800			32	20/1	720	RECEPTACLES 64
PRIVATE ROOM 806 BATH RECEPTACLES	1,500	20/1	33		2,400		34	20/1	900	RECEPTACLES 64,64A,64B
PRIVATE ROOM 806 UC REFRIG	360	20/1	35			1,620	36	20/1	1,260	RECEPTACLES 59,60,825
PRIVATE ROOM 807 RECEPTACLE	1,080	20/1	37	1,260			38	20/1	180	RECEPTACLE 61
PRIVATE ROOM 807 BATH RECEPTACLES	1,500	20/1	39		1,680		40	20/1	180	RECEPTACLE 55
PRIVATE ROOM 807 UC REFRIG	360	20/1	41			1,620	42	20/1	1,260	RECEPTACLES 57,726
PRIVATE ROOM 808 RECEPTACLE	1,080	20/1	43	1,800			44	20/1	720	TELEVISION, FIREPLACE 64,64A
PRIVATE ROOM 808 BATH RECEPTACLES	1,500	20/1	45		2,760		46	20/1	1,260	RECEPTACLES, FLOORBOX 64,64A
PRIVATE ROOM 808 UC REFRIG	360	20/1	47			1,080	48	20/1	720	RECEPTACLES 725
HOLDING CABINET (9) 63	1200	20/1	49	2,280			50	20/1	1,080	EXTERIOR, COURTYARD RECEPTACLES
PANINI PRESS (1) 63	1800	20/1	51		2,939		52	20/1	1,139	LIGHTS 63,64,64A
CONVECTION TOASTER (2) 63	1,248	20/2	53			2,515	54	20/1	1,267	LIGHTS 55,56,59,60,61,725,825
|	1,248	|	55	1,248			56	20/1		SPARE
HOT FOOD TABLE (3) 63	2,125	30/2	57		2,125		58	20/1		SPARE
|	2,125	|	59			2,625	60	20/1	500	COURTYARD LV LIGHTING TRANSFORMER
PANEL "NC2"	17,520	125/3	61	24,480			62	100/3	6,960	PANEL "NC3"
	20,520		63		27,840		64		7,320	
	11,400		65			14,160	66		2,760	

	A	B	C	
	42,784	53,964	27,580	TTL PHASE VA
	357	450	230	TTL PHASE AMPS
	34%	43%	22%	PHASE BALANCE

NOTES (AS APPLICABLE):
1. COORDINATE CIRCUIT BREAKER TRIP WITH EQUIPMENT.
2. SEE DEMAND LOAD SUMMARY BELOW FOR SIZING CALCULATIONS.

400 A. BUS (COPPER, UNO)
250 A. MAIN LUGS AND/OR FEEDER RATING
10 KAIC MINIMUM RATING

DEMAND SUMMARY:		CONN. (VA)	DEMAND FACTOR	DEMAND (VA)
TOTAL RECEPTACLES (VA) =	104,760			
RECEPTACLES FIRST 10 KVA		10,000	1.00	10,000
RECEPTACLES > 10 KVA		94,760	0.50	47,380
LIGHTING		8,382	1.25	10,478
MISCELLANEOUS EQUIPMENT		360	1.00	360
OTHER EQUIPMENT (CONTINUOUS)		0	1.25	0
LARGEST MOTOR		1,080	1.25	1,350
HVAC EQUIPMENT (FLA = MCA X 0.8)		0	1.00	0
KITCHEN EQUIPMENT	12	9,746	0.65	6,335
TOTAL CONNECTED (VA)		124,328		
TOTAL DEMAND (VA)				75,902
TOTAL DEMAND (AMPERES)				210.7
PANEL DEMAND LOADING VS RATING		84.3%		

ADDITIONAL NOTES (AS APPLICABLE):
3. NUMBERS IN PARENTHESIS REPRESENT KITCHEN EQUIPMENT NUMBERS.
4. PROVIDE CIRCUIT BREAKER LOCKING DEVICE WHERE NOTED AND FOR FACU AND UNIT TYPE SMOKE DETECTOR CIRCUITS.
5. PROVIDE ARC FAULT CIRCUIT BREAKERS FOR ALL 120V, 15A & 20A PATIENT ROOM BRANCH CIRCUITS SUPPLYING OUTLETS AND DEVICES.
6. KITCHEN EQUIPMENT DEMAND FACTOR PER NEC TABLE 220.56

Panel NC3

TYPE: 208 120 VOLTS, 3 PHASE, 4 WIRE
BOLT-ON MOUNT: SURFACE
HINGED TRIM FEED: TOP
NEMA - 1 ENCLOSURE

PROVIDE IF CHECKED:
- XX EQUIPMENT GROUND BUS
- XX 100 % NEUTRAL BUS
- ULSE LABEL
- ISOLATED GROUND BAR

LOAD SERVED	LOAD VA	CKT BKR POLES/TRIP	CKT #	PHASE LOAD VA A	B	C	CKT #	CKT BKR POLES/TRIP	LOAD VA	LOAD SERVED
PRIVATE ROOM 801-806 LIGHTING	1,320	20/1	1	2,400			2	20/1	1,080	PRIVATE ROOM 709 RECEPTACLES
PRIVATE ROOM 807-812 LIGHTING	1,320	20/1	3		2,820		4	20/1	1,500	PRIVATE ROOM 709 BATH RECEPTACLE
PRIVATE ROOM 701-708 LIGHTS	1,320	20/1	5			1,680	6	20/1	360	PRIVATE ROOM 709 UC REFRIG
PRIVATE ROOM 709-712 LIGHTING	1,320	20/1	7	2,400			8	20/1	1,080	PRIVATE ROOM 710 RECEPTACLES
SPARE		20/1	9		1,500		10	20/1	1,500	PRIVATE ROOM 710 BATH RECEPTACLE
SPARE		20/1	11			360	12	20/1	360	PRIVATE ROOM 710 UC REFRIG
SPARE		20/1	13	1,080			14	20/1	1,080	PRIVATE ROOM 711 RECEPTACLES
SPARE		20/1	15		1,500		16	20/1	1,500	PRIVATE ROOM 711 BATH RECEPTACLE
SPARE		20/1	17			360	18	20/1	360	PRIVATE ROOM 711 UC REFRIG
SPARE		20/1	19	1,080			20	20/1	1,080	PRIVATE ROOM 712 RECEPTACLES
SPARE		20/1	21		1,500		22	20/1	1,500	PRIVATE ROOM 712 BATH RECEPTACLE
SPARE		20/1	23			360	24	20/1	360	PRIVATE ROOM 712 UC REFRIG
SPARE		20/1	25	0			26	20/1		SPARE
SPARE		20/1	27		0		28	20/1		SPARE
SPARE		20/1	29			0	30	20/1		SPARE

	A	B	C	
	6,960	7,320	2,760	TTL PHASE VA
	58	61	23	TTL PHASE AMPS
	41%	43%	16%	PHASE BALANCE

NOTES (AS APPLICABLE):
1. COORDINATE CIRCUIT BREAKER TRIP WITH EQUIPMENT.
2. SEE DEMAND LOAD SUMMARY BELOW FOR SIZING CALCULATIONS.

100 A. BUS (COPPER, UNO)
100 A. MAIN LUGS AND/OR FEEDER RATING
10 KAIC MINIMUM RATING

DEMAND SUMMARY:		CONN. (VA)	DEMAND FACTOR	DEMAND (VA)
TOTAL RECEPTACLES (VA) =	11,760			
RECEPTACLES FIRST 10 KVA		10,000	1.00	10,000
RECEPTACLES > 10 KVA		1,760	0.50	880
LIGHTING		5,280	1.25	6,600
MISCELLANEOUS EQUIPMENT		0	1.00	0
OTHER EQUIPMENT (CONTINUOUS)		0	1.25	0
LARGEST MOTOR		0	1.25	0
HVAC EQUIPMENT (FLA = MCA X 0.8)		0	1.00	0
KITCHEN EQUIPMENT	0	0	1.00	0
TOTAL CONNECTED (VA)		17,040		
TOTAL DEMAND (VA)				17,480
TOTAL DEMAND (AMPERES)				48.5
PANEL DEMAND LOADING VS RATING		48.5%		

ADDITIONAL NOTES (AS APPLICABLE):
3. NUMBERS IN PARENTHESIS REPRESENT KITCHEN EQUIPMENT NUMBERS.
4. PROVIDE CIRCUIT BREAKER LOCKING DEVICE WHERE NOTED AND FOR FACU AND UNIT TYPE SMOKE DETECTOR CIRCUITS.
5. PROVIDE ARC FAULT CIRCUIT BREAKERS FOR ALL 120V, 15A & 20A PATIENT ROOM BRANCH CIRCUITS SUPPLYING OUTLETS AND DEVICES.

NOTE: ARRANGE PANELBOARD BRANCH CIRCUIT BREAKERS AS SHOWN ON THE ABOVE SCHEDULES. AGREEMENT OF CIRCUIT BREAKER (POLE) NUMBERS WITH THE PANEL SCHEDULES AND ELECTRICAL FLOOR PLANS IS REQUIRED IN ORDER TO AVOID CONFUSION DURING CONSTRUCTION, REDRAWING THE CIRCUITRY FOR RECORD DRAWING PURPOSES AND ACCURATE DOCUMENTATION OF THE AS-BUILT CONDITIONS.

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100 BED NURSING FACILITY
ELECTRICAL SCHEDULES

E0.11

FIRE ALARM SYSTEM CONTROL MATRIX

SYSTEM INPUTS	ACTUATE COMMON ALARM SIGNAL INDICATOR	ACTUATE NOTIFICATION APPLIANCES	ACTUATE COMMON TROUBLE SIGNAL INDICATOR	ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR	ALARM SIGNAL TO MONITORING SERVICE	SUPERVISORY SIGNAL TO MONITORING SERVICE	TROUBLE SIGNAL TO MONITORING SERVICE	DISPLAY/PRINT CHANGE OF STATUS	RELEASE MAGNETICALLY HELD DOORS	SIGNAL HVAC CONTROL SYSTEM
	SYSTEM OUTPUTS									
SMOKE DETECTORS	X	X			X			X	X	X
HEAT DETECTORS	X	X			X			X	X	X
MANUAL PULL STATIONS	X	X			X			X	X	
CARBON MONOXIDE DETECTORS				X		X				
SYSTEM TROUBLE CONDITION			X				X	X		
LOSS OF FACU AC POWER (NOTE 1)			X				X	X		
GROUND FAULT			X				X	X		
SHORT CIRCUIT			X				X	X		
OPEN CIRCUIT			X				X	X		
EXHAUST HOOD FIRE SUPPRESSION SYSTEM	X	X			X			X	X	X
SPRINKLER RISER #1 (MECH EQUIP 49) SYSTEM FLOW SWITCH (ES)	X	X			X			X	X	X
SPRINKLER RISER #1 (MECH EQUIP 49) SYSTEM TAMPER SWITCH (ES)				X		X		X		
SPRINKLER RISER #1 (MECH EQUIP 49) PRESSURE SWITCH (ES)				X		X		X		
SPRINKLER RISER #1 (MECH EQUIP 49) PIV SUPERVISORY				X		X		X		
SPRINKLER RISER #1 RPZ TAMPER SWITCH (ES)				X		X		X		

NOTES:
1. ONLY AFTER LOSS OF POWER FOR > 8 HOURS.
2. ALL SPRINKLER FIRE ALARM SYSTEM CONNECTIONS ARE NOT SHOWN. REFER TO FIRE PROTECTION DRAWINGS FOR SPRINKLER DEVICE LOCATIONS.

FIRE ALARM LEGEND

SYMBOL	DESCRIPTION
F	FIRE ALARM MANUAL STATION, 48" AFF
15cd	FIRE ALARM HORN/STROBE DEVICE, 80" AFF, "15cd" INDICATED CANDELA RATING
15cd	FIRE ALARM VISUAL (ONLY) DEVICE, 80" AFF, "15 cd" INDICATES CANDELA RATING
15cd	FIRE ALARM HORN/STROBE DEVICE, CEILING MOUNTED, "15cd" INDICATES CANDELA RATING
15cd	FIRE ALARM VISUAL (ONLY) CEILING MOUNTED, "15cd" INDICATES CANDELA RATING
15cd	FIRE ALARM CHIME/STROBE DEVICE, CEILING MOUNTED, "15cd" INDICATES CANDELA RATING
	DOOR HOLD OPEN DEVICE BY G.C.
	SMOKE DETECTOR, CEILING MOUNTED
	HEAT DETECTOR, CEILING MOUNTED
C	CARBON MONOXIDE DETECTOR, CEILING MOUNTED
F	EXTERIOR ELECTRIC WATER BELL , WP, ANNUNCIATED WATER FLOW
	SPRINKLER TAMPER SWITCH
	SPRINKLER FLOW SWITCH
C	CONTROL MODULE
M	MONITOR MODULE
R	DUCT SMOKE DETECTOR, REMOTE INDICATING DEVICE (RAIL)
R	REMOTE INDICATING DEVICE (RAIL), WALL MOUNTED
I	ISOLATION MODULE
FACU	FIRE ALARM CONTROL UNIT (FACU)
FA REMOTE ANN	FIRE ALARM REMOTE ANNUNCIATOR PANEL

(SYMBOLS SHOWN FOR REFERENCE ONLY AND MAY NOT IMPLY CONTRACTUAL REQUIREMENTS)

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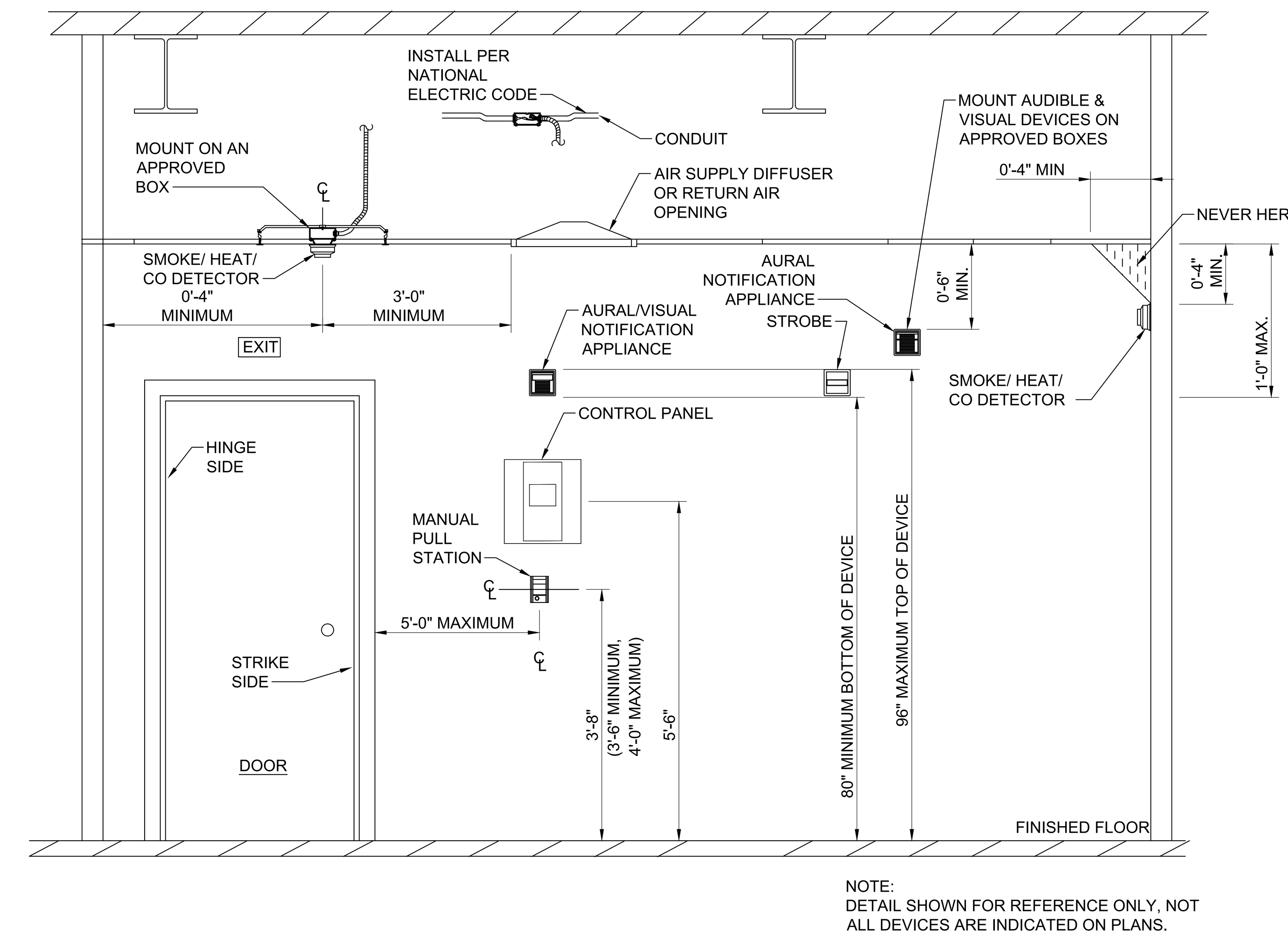
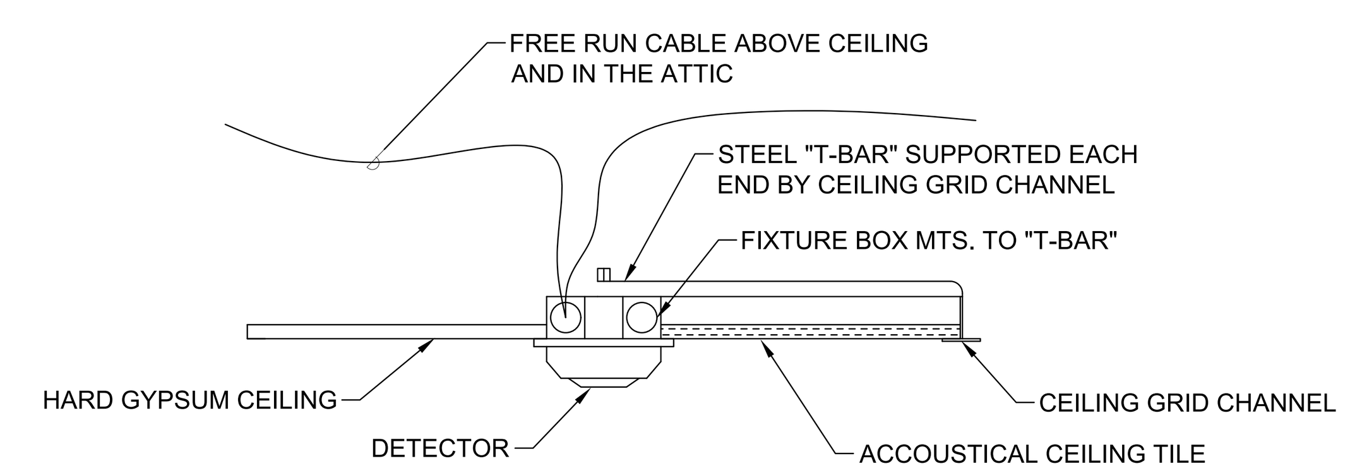


NOTE:
DETAIL SHOWN FOR REFERENCE ONLY, NOT ALL DEVICES ARE INDICATED ON PLANS.

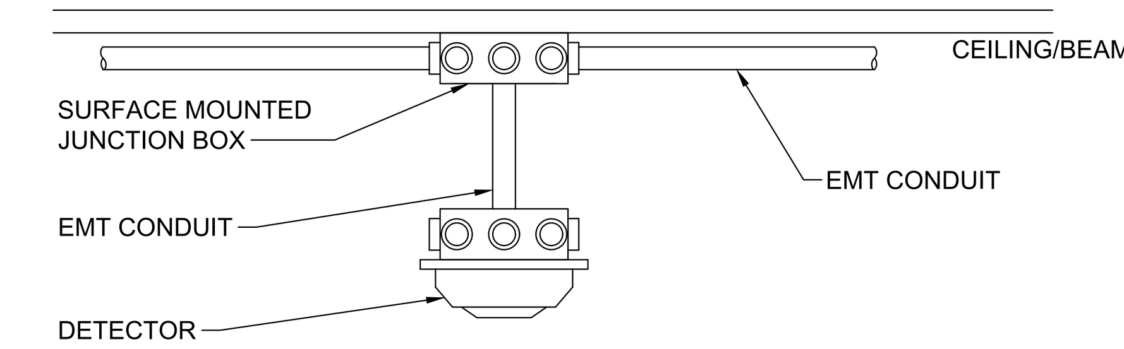
2 DEVICE MOUNTING DETAIL
NOT TO SCALE

ATTIC LOW VOLTAGE SYSTEMS CABLE INSTALLATION NOTES:

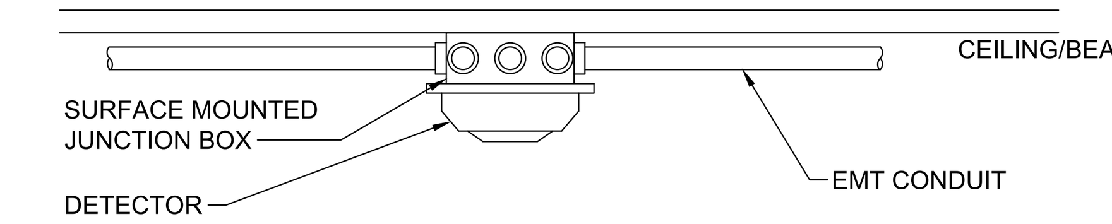
1. ALL LOW VOLTAGE SYSTEM CABLE INSTALLED FREE RUN IN THE ATTIC SHALL BE INSTALLED ON J HOOKS. CABLES SHALL BE INSTALLED IN A MANNER TO PROTECT THE CABLES FROM DAMAGE DURING INSTALLATION, FACILITATE CABLE MANAGEMENT AND IDENTIFICATION, AND PROVIDE A NEAT AND GROOMED APPEARANCE.
2. EACH CABLE SYSTEM SHALL BE INSTALLED AND SUPPORTED INDEPENDENTLY.
3. CABLING SHALL BE INSTALLED IN STRAIGHT PATHS IN A NEAT AND ORDERLY FASHION FOLLOWING MAINTENANCE WALKWAYS AND AT NINETY-DEGREE ANGLES. DIAGONAL, BEELINE AND OR NON-SUPPORTED CABLING ARE UNACCEPTABLE. CABLING SHALL BE ROUTED AS HIGH AS POSSIBLE AND ABOVE OTHER BUILDING FACILITIES IN THE PATH WITH THE LEAST OBSTRUCTIONS IN THE SPACE. PATHWAYS SHALL BE AT LEAST 2 FEET AWAY FROM ALL LIGHTING FIXTURES AND OTHER POTENTIAL EMF SOURCES. CABLES SHALL NOT BE STRAPPED TO ELECTRICAL POWER CONDUITS, PIPING OR OTHER SYSTEMS. THE PLACING OF CABLE TIES SHALL NOT DEFORM THE CABLES.
4. THE CABLE SUPPORT STRUCTURE SHALL UTILIZE APPROVED J HOOK CABLE SUPPORTS AND BE SIZED TO ACCOMMODATE CHANGE. J HOOK TYPE CABLE SUPPORTS SHALL BE SECURELY FASTENED TO THE BUILDING STRUCTURE AND BE SPACED AT A MAXIMUM DISTANCE OF FOUR (4) FEET SO THAT SAG BETWEEN SUPPORTS DOES NOT EXCEED 12 INCHES. ALL J HOOKS SHALL BE SIZED WITH 20% SPARE CAPACITY. ALL ATTACHMENT HARDWARE SHALL BE APPROVED FOR THE TYPE OF INSTALLATION AND MAXIMUM LOAD RATING OF THE PRODUCTS INSTALLED.
5. ALL PENETRATIONS THROUGH WALLS AND CEILINGS SHALL BE SLEEVED. ALL SLEEVES SHALL HAVE PERMANENTLY ATTACHED PLASTIC BUSHINGS. SLEEVES SHALL BE SIZED TO ACCEPT 50% GROWTH. ALL SLEEVES SHALL BE FIRE-STOPPED USING THIRD PARTY TESTING AGENCY APPROVED METHODS AND SHALL MAINTAIN ASSEMBLY FIRE RATINGS.



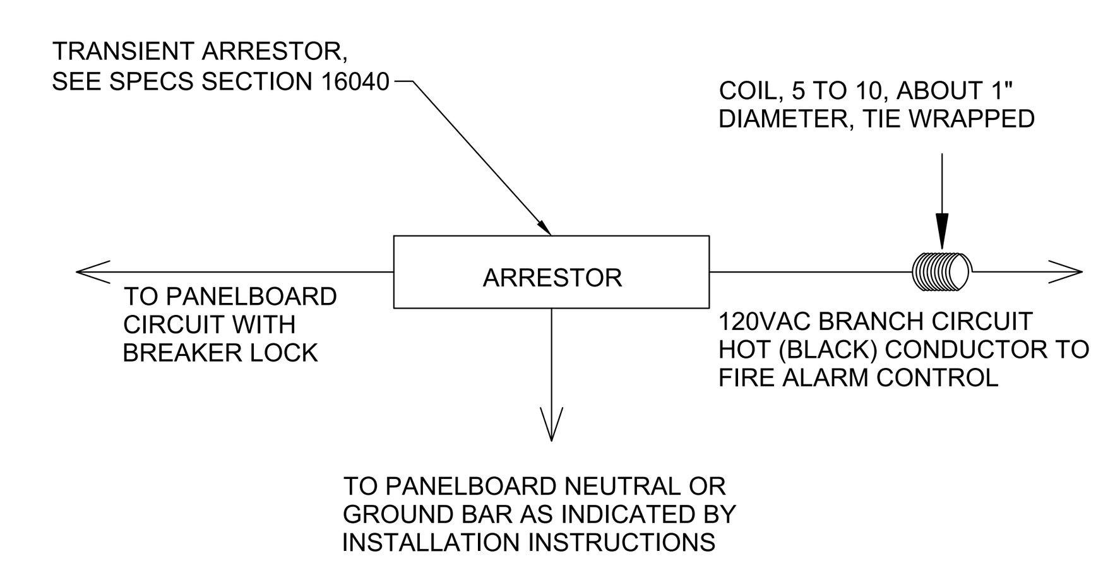
3 TYPICAL CEILING MOUNTED DEVICE DETAIL
NOT TO SCALE



4 TYPICAL SUSPENDED DEVICE DETAIL
NOT TO SCALE

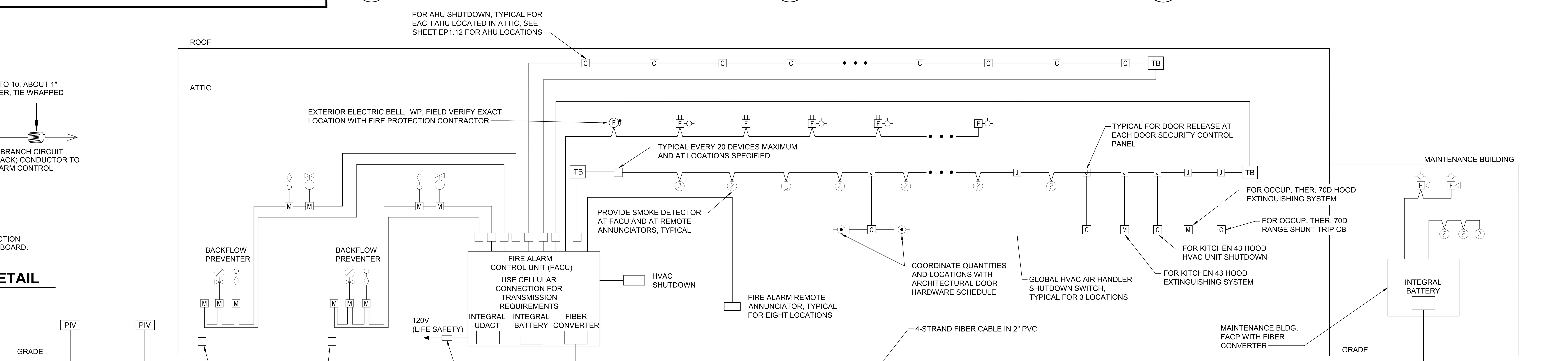


5 TYPICAL SURFACE MOUNTED DEVICE DETAIL
NOT TO SCALE



NOTES:
SECURELY MOUNT TRANSIENT ARRESTOR IN ACCESSIBLE JUNCTION BOX OR PROPER METAL ENCLOSURE ADJACENT TO THE PANELBOARD. PROVIDE ENGRAVED LABEL INDICATING ITS LOCATION

6 TRANSIENT ARRESTOR DETAIL
NOT TO SCALE



2#12 - 1/2" CND

DC TRANSIENT ARRESTOR, SEE DETAIL 6/F0.1 AND SPEC SECTION 16040

TRANSIENT ARRESTOR, SEE DETAIL 6/F0.1 AND SPEC SECTION 16040

1 FUNCTION FIRE ALARM RISER DIAGRAM
NOT TO SCALE

NOTE:
1. RISER DIAGRAM IS DEPICTIVE (FUNCTIONAL) ONLY. ALL DEVICES ARE NOT SHOWN.
2. TYPICAL INITIATING DEVICE ZONE SHOWN. PROVIDE ZONING AS REQUIRED BY NCSBC OR THE AHJ. SEE FIRE ALARM ZONE PLAN SHEET F0.2
3. SPRINKLER RISER ROOM FA REMOTE ANNUNCIATORS MAY BE DELETED IF APPROVED BY THE AHJ.
5. THE FUNCTIONAL FIRE ALARM RISER DIAGRAM INDICATES SUPERVISION OF TYPICAL VALVES CONTROLLING THE WATER SUPPLY FOR AUTOMATIC SPRINKLER SYSTEMS, PUMPS, TANKS, WATER LEVELS AND TEMPERATURES, CRITICAL AIR PRESSURES AND WATERFLOW SWITCHES. THE CONTRACTOR MUST COORDINATE ALL OF THE ABOVE WITH THE FIRE PROTECTION DRAWINGS AND THE FIRE PROTECTION CONTRACTOR.
6. SEE SPECIFICATIONS SECTION 16040 FOR ADDITIONAL DETAILS AND REQUIREMENTS.

ISSUED FOR BID
04-30-2025

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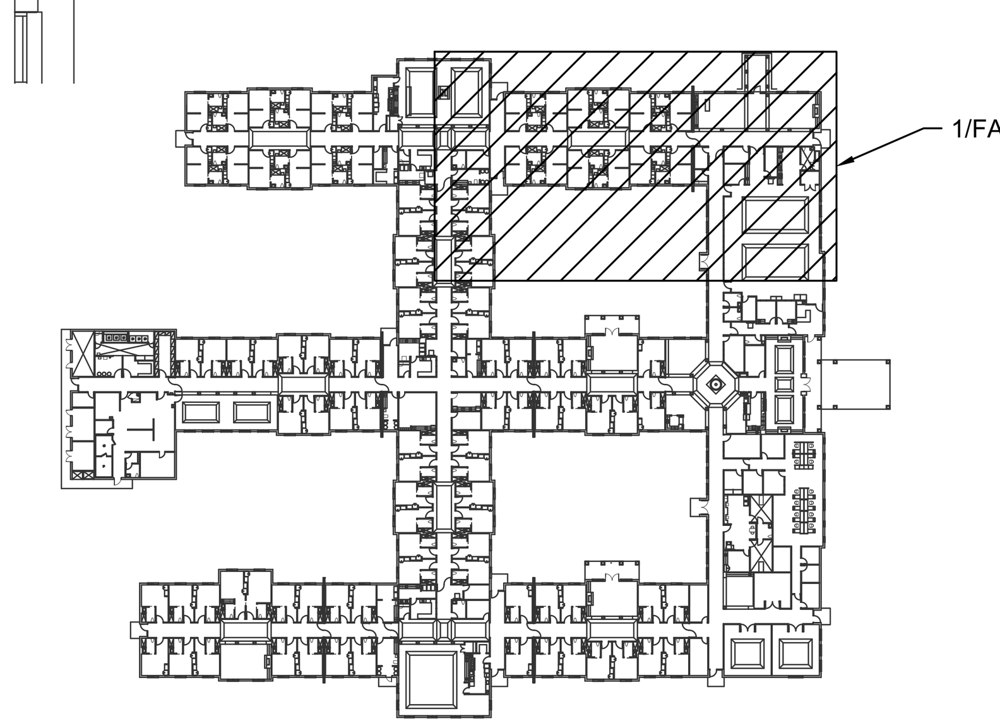
100 BED NURSING FACILITY
FIRE ALARM NOTES, AND DETAILS

F 0.1

1 **PARTIAL FIRE ALARM PLAN**
1/8" = 1'-0"

PLAN NORTH



0 **KEYPLAN**
NOT TO SCALE

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WALL TYPE LEGEND

- 1 HOUR FIRE BARRIER WALL
- 1 HOUR FIRE/SMOKE BARRIER WALL
- 2 HOUR FIRE BARRIER WALL
- SMOKE RESISTANT WALL

SOUTH CAROLINA — R. DUNCAN — 5/6/2025

SOUTH CAROLINA — CBHF ENGINEERS, PLLC No. 3603 — CERTIFICATE OF AUTHORIZATION

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100 BED NURSING FACILITY
FIRE ALARM PARTIAL PLAN

FA 1.1

FOUNDATION NOTES:

1. PROVIDE 4" CONCRETE SLAB ON GRADE REINFORCED W/ WWF 6x6-W1.4xW1.4 OVER 10 MIL POLY VAPOR BARRIER (LAP EDGES 6" MIN.) OVER 4" POROUS BASE. ALL DIMENSIONS REFERENCED TO CENTERLINE OF COLUMNS, FACE OF EXTERIOR VENEER, AND CENTERLINE OF INTERIOR BEARING WALLS. SEE ARCHITECTURAL AND STRUCTURAL SECTIONS TO DETERMINE EDGE OF SLAB. VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
2. TOP OF EXTERIOR FTG. = F.F.E. -1'-4" AND FIN. GRADE -1'-0" (MIN.)
3. SEE ARCH. DWGS. FOR DIMENSIONS NOT SHOWN.
4. SEE DETAIL 5/S5-3 FOR RECESSED SLAB DETAILS.
5. SEE DETAIL 1/S-3 FOR SLAB CONTROL JOINTS (CJ), ALTERNATE LAYOUT PLANS MAY BE SUBMITTED FOR APPROVAL.
6. SEE ARCHITECTURAL DRAWINGS. FOR LOCATIONS OF RECESSED AND/OR SLOPED SLAB AREAS. PROVIDE POSITIVE DRAINAGE FROM ALL PERIMETER WALLS TO FLOOR DRAIN. COORDINATE W/ PLUMBING DWGS. SEE DETAIL 5/S-3.
7. LOCATE CONTROL JOINTS UNDERNEATH NON-BEARING WALLS WHERE POSSIBLE.
8. PROVIDE (4) 2X6 @ EXT. WALLS, (5) 2X4 @ INT. WALLS BEARING (MIN.) AT ALL GIRDER TRUSSES BEARING POINTS AND SHEARWALL END POSTS W/ SIMPSON HTT4 AT STUD BASE.
9. REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALL LOCATIONS.
10. SEE FOOTING SCHEDULE FOR SIZES AND REINFORCING.
11. PROVIDE THICKENED SLAB AS REQUIRED BY WASHER MANUFACTURER. CONTRACTOR TO PROVIDE AND INSTALL REBAR FRAME. SEE 5/S-5.
12. ALL EXTERIOR STUDS SHALL BE 2x6 SPF NO. 2 STUDS AT 16" O.C. ALL INTERIOR STUDS AT BEARING WALLS AND SHEAR WALLS SHALL BE 2x4 SPF NO. 2 STUDS AT 16" O.C.
13. PROVIDE (2) 6'-0" LONG #5 BARS AT RE-ENTRANT CORNERS, PLACE AT MID-DEPTH OF SLAB.
14. INTERIOR FOOTING DIMENSIONS SHOULD NOT BE USED TO LOCATE INTERIOR WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL INTERIOR WALL DIMENSIONS.
15. CONTRACTOR MUST PROVIDE SCREEN WALL PROTECTION FOR HVAC UNITS PER DETAIL 9 ON SHEET S9. SEE MECHANICAL PLANS FOR LOCATIONS AND QUANTITIES.
16. CONTRACTOR MUST PROVIDE AN ENGINEERED SIGN WALL INSTALLATION. SEE THE ATTACH DETAIL 8 ON S9 FOR A GENERAL SUPPORT INSTALLATION. CONTRACTOR MUST VERIFY THE SIGN SIZE, ATTACHMENT, AND LOCATION WITH SIGN SHOP DRAWINGS.
17. PROVIDE (2) 6'-0" LONG #5 BARS AT RE-ENTRANT CORNERS, PLACE AT MID-DEPTH OF SLAB.
18. QUICKTIE IS AN ACCEPTABLE ALTERNATIVE TO HOLD DOWNS. SUBMIT SHOP DRAWINGS FOR APPROVAL.

"SHEARWALL" DESIGNATES INTERIOR 2X4 STUDS SHEATHED W/ MINIMUM 7/16" OSB. PROVIDE HORIZONTAL 2x BLOCKS AT ALL UNSUPPORTED JOINTS. EDGE NAIL WITH 8d COMMONS AT 4" O.C. AND FIELD NAIL WITH 8d COMMONS AT 12" O.C.

WRAP ALL EXTERIOR WALLS WITH MINIMUM 7/16" OSB. PROVIDE HORIZONTAL 2x BLOCKS AT ALL UNSUPPORTED JOINTS. EDGE NAIL WITH 8d COMMONS AT 4" O.C. AND FIELD NAIL WITH 8d COMMONS AT 12" O.C.

FOOTING SCHEDULE

TYPE	SIZE	REBAR
F1	4'-0" X 4'-0" X 1'-0"	(4) #5s (3'-6" LONG) E.W.
F2	3'-0" X 3'-0" X 1'-0"	(3) #5s (2'-6" LONG) E.W. TOP OF FOOTING = -0'-8" F.F.E.
F3	3'-6" X 3'-6" X 1'-0"	(4) #5s (3'-0" LONG) E.W.
F4	6'-0" X 6'-0" X 1'-6"	(6) #6s (5'-6" LONG) E.W. T + B
F5	4'-0" X 4'-0" X 1'-0" THICKENED SLAB	(4) #5s (3'-6" LONG) E.W.

FRAMING NOTES:

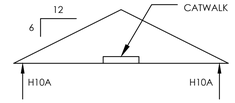
1. ALL TRUSS SPACING IS AT 2'-0" O.C. UNLESS NOTED OTHERWISE. SPACE TRUSSES AT ATTIC ACCESS DOORS TO ALLOW FOR PROPER INSTALLATION.
2. TRUSS FABRICATOR SHALL VERIFY ALL DIMENSIONS, LAYOUTS AND COORDINATE WITH BEARING WALL AND BEAM LOCATIONS. ALTERNATE LAYOUT PLANS MAY BE SUBMITTED FOR APPROVAL.
3. THE CONTRACTOR MUST VERIFY THAT ALL LATERAL BRACING REQUIRED FOR TRUSS WEBS IS INSTALLED PER THE TRUSS SHOP DRAWINGS AND DETAIL 4/S-5.
4. REFER TO FOUNDATION PLAN FOR DIMENSIONS AND TO ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN.
5. DESIGN ROOF TRUSSES FOR ADDITIONAL MECHANICAL, SPRINKLER, AND ARCHITECTURAL LOADS AS REQUIRED.
6. ALL TRUSS TO TRUSS CONNECTIONS SHALL BE SPECIFIED BY THE TRUSS DESIGNER AND SHALL BE CLEARLY INDICATED ON THE TRUSS SHOP DRAWINGS.
7. SEE DETAIL 7/S-4 OR 8/S-4 FOR ROOF DECK NAILING PATTERN.
8. PROVIDE L4x4x5/16 MIN. LOOSE LAID BRICK LINTEL ABOVE ALL OPENINGS UP TO 8'-0" WHERE OPENINGS EXCEED 8'-0" PROVIDE 1/2" Ø THRU BOLTS TO HEADER FOR SUPPORT OF BRICK LINTEL.
9. VERIFY LOCATIONS AND AMOUNTS OF ALL HEADERS.
10. PRE-FABRICATED TRUSS OVER-BUILD FRAMING. ROOF SHEATHING SHALL BE CONTINUOUS BENEATH TRUSS OVERBUILD. PROVIDE ATTACHMENT OF OVERBUILD FRAMING TO ROOF SHEATHING AND TRUSSES BELOW ACCORDING TO TRUSS MANUFACTURER.
11. SEE ARCH. DWGS. FOR LOCATIONS OF FIRE/SMOKE WALLS AND DRAFT PARTITIONS. TRUSSES MUST BE COORDINATED WITH FIRE/SMOKE WALLS. WHERE ARCHITECTURAL PLANS REQUIRE SMOKE/FIRE WALLS TO EXTEND TO UNDER SIDE OF ROOF SHEATHING, THE TRUSSES MUST BE STOP AT THE FACE OF THE WALL.
12. BOTTOM CHORD RAISED TWO FEET FOR RECESSED CEILING - DASHED LINE SHOWS APPROXIMATE LOCATION. VERIFY ALL LOCATIONS WITH ARCH DWGS.
13. VERIFY ATTIC ACCESS LOCATIONS W/ ARCH. DWGS. SPACE TRUSSES AS REQUIRED FOR PROPER INSTALLATION. WHERE TRUSS SPACING EXCEEDS 24" O.C., LADDER BLOCK BETWEEN CHORDS WITH 2x BLOCKING @ 24" O.C.
14. SEE DETAIL 12/S5 FOR TOP PLATE SPLICE DETAIL.
15. SEE DETAILS 3/S-5 AND 4/S-5 FOR PERMANENT ROOF TRUSS BRACING.
16. DESIGN ROOF TRUSSES TO INCORPORATE FIXED WINDOW INSTALLATION. COORDINATE WITH ARCHITECTURAL DRAWINGS.
17. PROVIDE (4) 2X6 AT EXTERIOR WALL AND (5) 2X4 @ INTERIOR WALL BELOW ALL GIRDER TRUSS BEARING POINTS PROVIDE LGT TIE DOWN WITH HTT4 AT STUD BASE..
18. SMOKE WALLS EXTEND THROUGH TRUSS OVERBUILD TO ROOF SHEATHING. BREAK TRUSS OVERBUILD ON BOTH SIDES OF WALL.
19. TRUSS CLIPS AT ENDS OF TRUSSES HAVE BEEN DESIGNED TO TRANSFER LATERAL SHEAR LOAD AND UPLIFT INTO THE WALLS. ANY SUBSTITUTIONS MUST BE APPROVED BY THE EOR. H10A TIE DOWNS AT EXTERIOR WALLS MUST BE APPLIED OVER THE EXTERIOR WALL OSB SHEATHING.
20. REFER TO ARCHITECTURAL PLANS FOR LOCATION OF DORMERS ON MAIN ROOF. DORMERS SHALL BE FRAMED USING 2x4 STUDS AT 16" O.C.WITH 2X4 RAFTERS AND COLLAR TIES AT 24" O.C. PROVIDE 2x6 LADDER BLOCKING BETWEEN TRUSSES FOR ATTACHEMENT OF THE DORMER WALL SILL PLATE.PROVIDE A MINIMUM OF (1) 1/2" X 3" WOOD SCREW AT 24" O.C. FROM DORMER SILL TO BLOCKING BETWEEN TRUSSES. THE MAIN ROOF SHEATHING MUST EXTEND BELOW DORMER. IF REQUIRED CUT A MAXIMUM 20"x36" HOLE IN THE MAIN ROOF SHEATHING BELOW THE DORMER FOR VENTILATION.
21. COORDINATE WITH MP AND E DRAWINGS FOR THE ROOF TOP PLATFORM AND EXTERIOR LADDER LOCATION. SEE SHEET S7 FOR DETAILS.
22. BUILD CRIPPLE WALL FROM LOW ROOF SHEATHING TO BOTTOM OF CANOPY TRUSS, PROVIDE 2X6 LADDER BLOCKING AT 24" O.C. BETWEEN LOW ROOF TRUSSES UNDER CRIPPLE WALL. CONTRACTOR MUST PROVIDE CONTINUOUS UPLIFT CONNECTIONS.
23. ALIGN DRAG TRUSS WITH SHEAR WALL PER DETAIL 6/S4. DESIGN DRAG TRUSS TO TRANSFER 200 PLF LATERAL LOAD FROM TOP CHORD TO BOTTOM CHORD. LATERAL LOAD IS RESISTED BY SHEAR WALL BELOW.
24. PROVIDE DOUBLE DROPPED STRUCTURAL GABLE END TRUSS AT END OF PORCH ROOF. HANG SOFFIT FRAMING FROM BOTTOM CHORD OF TRUSSES. TRUSS DESIGNER TO DESIGN GABLE END TO SUPPORT AN ADDITIONAL 150 PLF DEAD LOAD AT THE BOTTOM CHORD.
25. SEE DETAIL 10 ON SHEET S9 FOR ROOF TOP CURB ATTACHMENTS.
26. TRUSS MANUFACTURER TO COORDINATE FIXED WINDOW OPENINGS IN GABLE END TRUSSES - SEE ARCH ELEVATIONS.

HEADER AND BEAM SCHEDULE

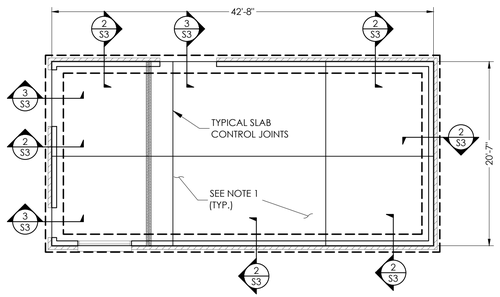
TYPE	SIZE	NOTES
H1	(2) 2x8	W/ (1) 1/2" PLYWOOD SPACER. SEE 7/S5
H2	(2) 2x10	W/ (1) 1/2" PLYWOOD SPACER. SEE 7/S5
H3	(2) 2x12	W/ (1) 1/2" PLYWOOD SPACER. SEE 7/S5
H4	(3) 2x8	W/ (2) 1/2" PLYWOOD SPACERS. SEE 7/S5
H5	(3) 2x10	W/ (2) 1/2" PLYWOOD SPACERS. SEE 7/S5
H6	(3) 2x12	W/ (2) 1/2" PLYWOOD SPACERS. SEE 7/S5
H7	(2) 1 3/4" x 11 7/8" LVL DROPPED BEAM	Fb=2850 PSI, E=2.0, STRAP EACH FACE OF HEADER TO FACE OF JACK STUD W/ CS16 24" LONG. PROVIDE HTT4 HOLDDOWN AT STUD BASE.
H8	(3) 1 3/4" x 11 7/8" LVL DROPPED BEAM	Fb=2850 PSI, E=2.0
H9	(2) 1 3/4" x 14" LVL FLUSH BEAM. BOTTOM OF BEAM FLUSH WITH BOTTOM OF ROOF TRUSSES	Fb=2850 PSI, E=2.0, STRAP ENDS OF BEAM TO STUD GROUP BELOW W/ (2) H6 TIES. PROVIDE HTT4 HOLDDOWN AT STUD BASE.
H10	(2) 1 3/4" x 9 1/4" LVL DROPPED BEAM	Fb=2850 PSI, E=2.0
H11	(3) 1 3/4" x 9 1/4" LVL DROPPED BEAM	Fb=2850 PSI, E=2.0
B1	W8x18 STEEL BEAM. T.O.S = 8'-10 1/2" AFF	
B2	W8x28 STEEL BEAM. T.O.S = 8'-10 1/2" AFF, U.N.O.	
B3	W8x40 STEEL BEAM. T.O.S = 8'-10 1/2" AFF	
B4	W12x50 STEEL BEAM. T.O.S = 8'-10 1/2" AFF	
B5	W16x57 STEEL BEAM. T.O.S = 15'-0" AFF	
B6	(2) 8" DEEP BOND BEAMS	PROVIDE (2) #5 CONTINUOUS BARS IN EACH BOND BEAM

"SHEARWALL" DESIGNATES INTERIOR 2X4 STUDS SHEATHED @ ONE FACE W/ MINIMUM 7/16" OSB. PROVIDE HORIZONTAL 2x BLOCKS AT ALL UNSUPPORTED JOINTS. EDGE NAIL WITH 8d COMMONS AT 4" O.C. AND FIELD NAIL WITH 8d COMMONS AT 12" O.C.

WRAP ALL EXTERIOR WALLS WITH MINIMUM 7/16" OSB. PROVIDE HORIZONTAL 2x BLOCKS AT ALL UNSUPPORTED JOINTS. EDGE NAIL WITH 8d COMMONS AT 4" O.C. AND FIELD NAIL WITH 8d COMMONS AT 12" O.C.



TRUSS TYPE "A"

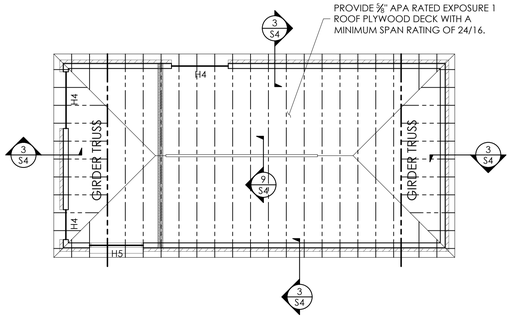


STORAGE BUILDING FOUNDATION PLAN

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

N

PLAN NORTH



STORAGE BUILDING FRAMING PLAN

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

N

PLAN NORTH

HAUSER-CREECH, INC.
PROJECT #: 24-001-006

SOUTH CAROLINA LICENSED ENGINEERING CORPORATION HAUSER-CREECH INC. No. 4879 CERTIFICATE OF AUTHORIZATION

HAUSER CREECH

HAUSER-CREECH, INC.
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PRUITT HEALTH
MYRTLE BEACH
MYRTLE BEACH, SOUTH CAROLINA

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Architecture Planning Design

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 31065 M. GABRIEL HAUSER

2/18/2025

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100 BED NURSING FACILITY

ISSUE DATE: 02.18.2025

DATE

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