JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NORTH CAROLINA
28546

2012 APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)

NAME OF PROJECT: VETERANS AFFAIRS MEDICAL CENTER

ADDRESS: 4006 HENDERSON DRIVE, JACKSONVILLE, NC ZIP CODE: 28546

PROPOSED USE: MEDICAL CENTER/ DOCTOR'S OFFICE

OWNER OR AUTHORIZED AGENT: TOM MOREAU PHONE #: 336-282-7171 E-MAIL: tma@triad.rr.com

OWNED BY: ☐ CITY/COUNTY ☒ PRIVATE ☐ STATE

CODE ENFORCEMENT JURISDICTION: ☒ CITY JACKSONVILLE ☐ COUNTY ONSLOW ☐ STATE

LEAD DESIGN PROFESSIONAL: _____

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
ARCHITECTURAL	TMA ARCHITECT, P.A.	TOM MOREAU	TMA#	(336)282.7171	tma@triad.rr.com
CIVIL	SEPARATE COVER	N/A	N/A	N/A	N/A
ELECTRICAL	SEPARATE COVER	N/A	N/A	N/A	N/A
FIRE ALARM	SEPARATE COVER	N/A	N/A	N/A	N/A
PLUMBING	SEPARATE COVER	N/A	N/A	N/A	N/A
MECHANICAL	SEPARATE COVER	N/A	N/A	N/A	N/A
SPRINKLER-STANDPIPE	SEPARATE COVER	N/A	N/A	N/A	N/A
STRUCTURAL	SEPARATE COVER	N/A	N/A	N/A	N/A
RETAINING WALLS> 5' HIGH	n/a				
OTHER	n/a				

2012 EDITION OF NC CODE: ☒ NEW CONSTRUCTION ☐ ADDITION ☐ UPFIT
EXISTING: ☐ RECONSTRUCTION ☐ ALTERATION ☐ REPAIR ☐ RENOVATION
CONSTRUCTED: (date) _____ ORIGINAL USE(S) (Ch. 3): _____
RENOVATED: (date) _____ CURRENT USE(S) (Ch. 3): _____
PROPOSED USE(S) (Ch. 3): _____

BUILDING DATA

CONSTRUCTION TYPE: ☐ I-A ☐ II-A ☐ III-A ☐ IV ☐ V-A
☐ I-B ☐ II-B ☐ III-B ☒ V-B

SPRINKLERS: ☐ NO ☒ YES ☐ PARTIAL ☒ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D

STANDPIPES: ☒ NO ☐ YES CLASS ☐ I ☐ II ☐ III WET ☐ DRY

FIRE DISTRICT: ☒ NO ☐ YES (PRIMARY) FLOOD HAZARD AREA: ☐ NO ☐ YES

BUILDING HEIGHT: 1ST -0" FEET

GROSS BUILDING AREA:

FLOOR	EXISTING (SQ. FT.)	NEW (SQ. FT.)	SUB-TOTAL
6HT FLOOR			
5TH FLOOR			
4TH FLOOR			
3RD FLOOR			
2ND FLOOR			
MEZZANINE			
1ST FLOOR		16,375	16,375
BASEMENT			
TOTAL		16,375	16,375

ALLOWABLE AREA

OCCUPANCY:
ASSEMBLY ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
BUSINESS ☒
EDUCATIONAL ☐
FACTORY ☐ F-1 MODERATE ☐ F-2 LOW
HAZARDOUS ☐ H-1 DETONATE ☐ H-2 DEFLAGRATE ☐ H-3 COMBUST ☐ H-4 HEALTH ☐ H-5 HPM
INSTITUTIONAL ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
I-3 CONDITION ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
MERCANTILE ☐
RESIDENTIAL ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
STORAGE ☐ S-1 MODERATE ☐ S-2 LOW ☐ HIGH-PILED
☐ PARKING GARAGE ☐ OPEN ☐ ENCLOSED ☐ REPAIR GARAGE
UTILITY AND MISCELLANEOUS ☐

ACCESSORY OCCUPANCY:
ASSEMBLY ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
BUSINESS ☐
EDUCATIONAL ☐
FACTORY ☐ F-1 MODERATE ☐ F-2 LOW
HAZARDOUS ☐ H-1 DETONATE ☐ H-2 DEFLAGRATE ☐ H-3 COMBUST ☐ H-4 HEALTH ☐ H-5 HPM
INSTITUTIONAL ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
I-3 CONDITION ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
MERCANTILE ☐
RESIDENTIAL ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
STORAGE ☐ S-1 MODERATE ☒ S-2 LOW ☐ HIGH-PILED
☐ PARKING GARAGE ☐ OPEN ☐ ENCLOSED ☐ REPAIR GARAGE
UTILITY AND MISCELLANEOUS ☐

INCIDENTAL USES (TABLE 508.2.5):
☐ FURNANCE ROOM WHERE ANY PIECE OF EQUIPMENT IS OVER 400,000 BTU PER HOUR INPUT
☐ ROOMS WITH BOILERS WHERE THE LARGEST PIECE OF EQUIPMENT IS OVER 15 PSI AND 10 HORSEPOWER
☐ REFRIGERANT MACHINE ROOM
☐ HYDROGEN CUTOFF ROOMS, NOT CLASSIFIED AS GROUP H
☐ INCINERATOR ROOMS
☐ PAINT SHOPS, NOT CLASSIFIED AS GROUP H, LOCATED IN OCCUPANCIES OTHER THAN GROUP F
☐ LABORATORIES & VOCATIONAL SHOPS, NOT CLASSIFIED AS GROUP H, LOCATED IN A GROUP E OR I-2 OCCUPANCY
☐ LAUNDRY ROOMS OVER 100 SQUARE FEET
☐ GROUP I-3 CELLS EQUIPPED WITH PADDED SURFACES
☐ GROUP I-2 WASTE AND LINEN COLLECTION ROOMS
☐ WASTE AND LINEN COLLECTION ROOMS OVER 100 SQUARE FEET
☐ STATIONARY STORAGE BATTERY SYSTEMS HAVING A LIQUID ELECTROLYTE CAPACITY OF MORE THAN 50 GALLONS, OR A LITHIUM-ION CAPACITY OF 1,000 POUNDS USED FOR FACILITY STANDBY POWER, EMERGENCY POWER OR UNINTERRUPTED POWER SUPPLIES
☐ ROOMS CONTAINING FIRE PUMPS
☐ GROUP I-2 STORAGE ROOMS OVER 100 SQUARE FEET
☐ GROUP I-2 COMMERCIAL KITCHENS
☐ GROUP I-2 LAUNDRIES EQUAL TO OR LESS THAN 100 SQUARE FEET
☐ GROUP I-2 ROOMS OR SPACES THAT CONTAIN FUEL-FIRED HEATING EQUIPMENT

SPECIAL USES: ☐ 402 ☐ 403 ☐ 404 ☐ 405 ☐ 406 ☐ 407 ☐ 408 ☐ 409 ☐ 410 ☐ 411 ☐ 412 ☐ 413 ☐ 414 ☐ 415 ☐ 416 ☐ 417 ☐ 418 ☐ 419 ☐ 420 ☐ 421 ☐ 422 ☐ 423 ☐ 424 ☐ 425 ☐ 426 ☐ 427

SPECIAL PROVISIONS: ☐ 509.2 ☐ 509.3 ☐ 509.4 ☐ 509.5 ☐ 509.6 ☐ 509.7 ☐ 509.8 ☐ 509.9

MIXED OCCUPANCY: ☒ NO ☐ YES SEPARATION: N/AHR. EXCEPTION: _____

☐ INCIDENTAL USE SEPARATION (508.2.5)
THIS SEPARATION IS NOT EXEMPT AS A NON-SEPARATED USE (SEE EXCEPTIONS).

☐ NON-SEPARATED USE (508.3)
THE REQUIRED TYPE OF CONSTRUCTION FOR THE BUILDING SHALL BE DETERMINED BY APPLYING THE HEIGHT AND AREA LIMITATIONS FOR EACH OF THE APPLICABLE OCCUPANCIES TO THE ENTIRE BUILDING. THE MOST RESTRICTIVE TYPE OF CONSTRUCTION, SO DETERMINED, SHALL APPLY TO THE ENTIRE BUILDING.

☐ SEPARATED USE (508.4) – SEE BELOW FOR AREA CALCULATIONS
FOR EACH STORY, THE AREA OF THE OCCUPANCY SHALL BE SUCH THAT THE SUM OF THE RATIOS OF THE ACTUAL FLOOR AREA OF EACH USE DIVIDED BY THE ALLOWABLE FLOOR AREA FOR EACH USE SHALL NOT EXCEED 1.

ACTUAL AREA OF OCCUPANCY A / ALLOWABLE AREA OF OCCUPANCY A + ACTUAL AREA OF OCCUPANCY B / ALLOWABLE AREA OF OCCUPANCY B ≤ 1

_____ + _____ + _____ + _____ ≤ 1

STORY NO.	(A) DESCRIPTION AND USE	(B) BLDG. AREA PER STORY (ACTUAL)	(B) TABLE 503[1] AREA	(C) AREA FOR FRONTAGE INCREASE[1]	(D) AREA FOR SPRINKLER INCREASE[2]	(E) ALLOWABLE AREA OF UL/MITED[3]	(F) MAXIMUM BUILDING AREA[4]
1	BUSINESS	16,375	9,000	6750	27,000	42,750	42,750

[1]FRONTAGE AREA INCREASES FROM SECTION 506.2 ARE COMPUTED THUS:
A. PERIMETER WHICH FRONTS A PUBLIC WAY OR OPEN SPACE HAVING 20 FEET MINIMUM WIDTH = 554 (F)
B. TOTAL BUILDING PERIMETER = 554 (P)
C. RATIO (F/P) = 1.0 (F/P)
D. W=MINIMUM WIDTH OF PUBLIC WAY = 30'-0" (W)
E. PERCENT OF FRONTAGE INCREASE I$_f$ = 100 [F/P – .25] x W/30 = .75 (%)

[2]THE SPRINKLER INCREASE PER SECTION 506.3 IS AS FOLLOWS:
A. MULTI-STORY BUILDING I$_s$ = 200 PERCENT
B. SINGLE-STORY BUILDING I$_s$ = 300 PERCENT

[3]UNLIMITED AREA APPLICABLE UNDER CONDITIONS OF SECTIONS 507

[4]MAXIMUM BUILDING AREA = TOTAL NUMBER OF STORIES IN THE BUILDING x E (506.4)

[5]THE MAXIMUM AREA OF PARKING GARAGES MUST COMPLY WITH 406.3.5. THE MAXIMUM AREA OF AIR TRAFFIC CONTROL TOWERS MUST COMPLY WITH TABLE 412.1.2.

ALLOWABLE HEIGHT

	ALLOWABLE (TABLE 503)	INCREASE FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
TYPE OF CONSTRUCTION	TYPE V-B		TYPE V-B	
BUILDING HEIGHT IN FEET	FEET 40'-0"	FEET = HEIGHT + 20' = 60'-0"	19'-8"	
BUILDING HEIGHT IN STORIES	2	STORIES + 1 = 3	1	

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/ REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR PENETRATION	DESIGN # FOR RATED JOINTS
STRUCTURAL FRAME, INCLUDING COLUMNS, GIRDERS, TRUSSES	N/A	0					
BEARING WALLS							
EXTERIOR							
NORTH		0					
EAST		0					
WEST		0					
SOUTH		0					
INTERIOR		0					
NONBEARING WALLS AND PARTITIONS							
EXTERIOR WALLS							
NORTH	30'	0					
EAST	30'	0					
WEST	30'	0					
SOUTH	30'	0					
INTERIOR WALLS & PARTITIONS		0					
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS		0					
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS		0					
SHAFTS ENCLOSURES – EXIT		0					
SHAFTS ENCLOSURES – OTHER		0					
CORRIDOR SEPARATION		0					
OCCUPANCY SEPARATION		0					
PARTY/FIRE WALL SEPARATION		N/A					
SMOKE BARRIER SEPARATION		N/A					
TENANT SEPARATION		N/A					
INCIDENTAL USE SEPARATION		0					

* INDICATE SECTION NUMBER PERMITTING REDUCTION

LIFE SAFETY SYSTEM REQUIREMENTS

EMERGENCY LIGHTING:	☐ NO	☒ YES
EXIT SIGNS:	☐ NO	☒ YES
FIRE ALARM:	☐ NO	☒ YES
SMOKE DETECTION SYSTEMS:	☐ NO	☒ YES ☐ PARTIAL
PANIC HARDWARE:	☐ NO	☒ YES

LIFE SAFETY PLAN REQUIREMENTS

LIFE SAFETY PLAN SHEET # G-105

☒ FIRE AND/OR SMOKED RATED WALL LOCATIONS (CHAPTER 7) NONE
☒ ASSUMED AND REAL PROPERTY LINE LOCATIONS SEE CIVIL DRAWINGS
☒ EXTERIOR WALL OPENING AREA WITH RESPECT TO DISTANCE TO ASSUMED PROPERTY LINES (705.8) ALL GREATER THAN 30'
☒ EXISTING STRUCTURES WITHIN 30' OF THE PROPOSED BUILDING NONE
☒ OCCUPANCY TYPES FOR EACH AREA AS IT RELATES TO OCCUPANT LOAD CALCULATION (TABLE 1004.1.1) BUSINESS
☒ OCCUPANT LOADS FOR EACH AREA 16,180/100 = 162 TOTAL OCCUPANTS
☒ EXIT ACCESS TRAVEL DISTANCES (1016) 300' ALLOWED, 154' ACTUAL
☒ COMMON PATH OF TRAVEL DISTANCES (1014.3 & 1028.8) 100' ALLOWED, 67' ACTUAL
☒ DEAD END LENGTHS (1018.4) 50' ALLOWED, 27' ACTUAL
☒ CLEAR EXIT WIDTHS FOR EACH EXIT DOOR ALL DOORS = 32"
☒ MAXIMUM CALCULATED OCCUPANT LOAD CAPACITY EACH EXIT DOOR CAN ACCOMODATE BASED ON EGRESS WIDTH (1005.1) 162 X .2 = 32" TOTAL REQ. EACH DOOR CAPACITY = 160
☒ ACTUAL OCCUPANT LOAD FOR EACH EXIT DOOR 162/4 = 27 # EACH DOOR
☒ A SEPARATE SCHEMATIC PLAN INDICATING WHERE FIRE RATED FLOOR/CEILING AND/OR ROOF STRUCTURE IS PROVIDED FOR PURPOSES OF OCCUPANCY SEPARATION NONE
☒ LOCATION OF DOORS WITH PANIC HARDWARE (1008.1.10) ALL EXTERIOR DOORS
☒ LOCATION OF DOORS WITH DELAYED EGRESS LOCKS AND THE AMOUNT OF DELAY (1008.1.8.7) NONE
☒ LOCATION OF DOORS WITH ELECTROMAGNETIC EGRESS LOCK (1008.1.8.7) NONE
☒ LOCATION OF DOORS EQUIPPED WITH HOLD-OPEN DEVICES FRONT AUTOMATIC DOORS (1-100A, B AND C)
☒ LOCATION OF EMERGENCY ESCAPE WINDOWS (1029) NONE
☒ THE SQUARE FOOTAGE OF EACH FIRE AREA 16,180 SQUARE FEET (TOTAL BUILDING)
☒ THE SQUARE FOOTAGE OF EACH SMOKE COMPARTMENT (407.4) NONE
☒ NOTE ANY CODE EXCEPTIONS OR TABLE NOTES THAT MAY HAVE BEEN UTILIZED REGARDING THE ITEMS ABOVE NONE

ACCESSIBLE DWELLING UNITS
(SECTION 1107)

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED
N/A							

ACCESSIBLE PARKING

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES		# OF ACCESSIBLE SPACES PROVIDED				TOTAL # ACCESSIBLE PROVIDED
	REQUIRED	PROVIDED	REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE		
16,180 S.F.	X	X	0	0	1		1
TOTAL	X	X	0	0	1		1

SEE CIVIL PLANS

STRUCTURAL DESIGN

DESIGN LOADS:
IMPORTANCE FACTORS: WIND (I$_w$) _____ SNOW (I$_s$) _____ SEISMIC (I$_E$) _____
LIVE LOADS: ROOF _____ psf; MEZZANINE N/A psf; FLOOR N/A psf
GROUND SNOW LOAD: _____ psf
WIND LOAD: BASIC WIND SPEED _____ mph (ASCE 7-02); EXPOSURE CATEGORY; WIND BASE SHEARS (FOR MWFRS) Vx = _____ Vy = _____

SEISMIC DESIGN CATEGORY ☐ A ☐ B ☐ C ☐ D
PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS:
OCCUPANCY CATEGORY (TABLE 1604.5) ☐ I ☐ II ☐ III ☐ IV
SPECTRAL RESPONSE ACCELERATION S_s _____ S_D _____ S_1 _____ S_D _____
SITE CLASSIFICATION (TABLE 1613.5.2) ☐ A ☐ B ☐ C ☐ D
DATA SOURCE: ☐ FIELD TEST ☐ PRESUMPTIVE ☐ HISTORIAL DATA
BASIC STRUCTURAL SYSTEM (CHECK ONE)
☐ BEARING WALL ☐ DUAL W/ SPECIAL MOMENT FRAME
☐ BUILDING FRAME ☐ DUAL W/ INTERMEDIATE R/C OR SPECIAL STEEL
☐ MOMENT FRAME ☐ INVERTED PENDULUM
SEISMIC BASE SHEAR Vx = _____ Vy = _____
ANALYSIS PROCEDURE ☐ SIMPLIFIED ☐ EQUIVALENT LATERAL FORCE ☐ DYNAMIC
ARCHITECTURAL, MECHANICAL, COMPONENTS ANCHORED? ☐ YES ☐ NO

LATERAL DESIGN CONTROL: ☐ EARTHQUAKE ☐ WIND

SOIL BEARING CAPACITIES:
FIELD TEST (PROVIDE COPY OF TEST REPORT) N/A psf
PRESUMPTIVE BEARING CAPACITY _____ psf
PILE SIZE, TYPE, AND CAPACITY N/A
SPECIAL INSPECTIONS REQUIRED? ☐ YES ☐ NO

SEE STRUCTURAL PLANS

PLUMBING FIXTURE REQUIREMENTS
(TABLE 2902.1)

USE		WATERCLOSETS		URINALS	LAVATORIES		SHOWERS/ TUBS	DRINKING FOUNTAINS	
		MALE	FEMALE		MALE	FEMALE		REGULAR	ACCESSIBLE
SPACE	EXISTING								
	NEW	5	8	0	5	5	0	2	2
	REQUIRED	5	5	0	2	2	0	2	2

NOTE: ALL INDIVIDUAL TOILET ROOMS ARE UNISEX – 12 TOTAL

SPECIAL APPROVALS

SPECIAL APPROVAL: (LOCAL JURISDICTION, DEPARTMENT OF INSURANCE, OSC, ICC, DPI, DHHS ETC., DESCRIBE BELOW)

ENERGY SUMMARY

ENERGY REQUIREMENTS:

THE FOLLOWING DATA SHALL BE CONSIDERED MINIMUM AND ANY SPECIAL ATTRIBUTE REQUIRED TO MEET THE ENERGY CODE SHALL ALSO BE PROVIDED. EACH DESIGNER SHALL FURNISH THE REQUIRED PORTIONS OF THE PROJECT INFORMATION FOR THE PLAN DATA SHEET. IF PERFORMANCE METHOD, STATE THE ANNUAL ENERGY COST FOR THE STANDARD REFERENCE DESIGN VS. ANNUAL ENERGY COST FOR THE PROPOSED DESIGN.

CLIMATE ZONE: ☒ 3 ☐ 4 ☐ 5

METHOD OF COMPLIANCE:
☒ PRESCRIPTIVE (ENERGY CODE)
☐ PERFORMANCE (ENERGY CODE)
☐ PRESCRIPTIVE (ASHRAE 90.1)
☐ PERFORMANCE (ASHRAE 90.1)

THERMAL ENVELOPE:

ROOF/CEILING ASSEMBLY (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY MEMBRANE OVER 6" RIGID INSULATION OVER METAL DECKING
U-VALUE OF TOTAL ASSEMBLY .033
R-VALUE OF INSULATION 30
SKYLIGHTS IN EACH ASSEMBLY N/A
U-VALUE OF SKYLIGHT N/A
TOTAL SQUARE FOOTAGE OF SKYLIGHTS IN EACH ASSEMBLY N/A

EXTERIOR WALLS (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY MASONRY OVER AIR SPACE OVER 12" INSULATED CONCRETE
U-VALUE OF TOTAL ASSEMBLY .0.05
R-VALUE OF INSULATION 20
OPENINGS (WINDOWS OR DOORS WITH GLAZING)
U-VALUE OF ASSEMBLY .0.10
SOLAR HEAT GAIN COEFFICIENT .0.4
PROJECTION FACTOR 1.0
DOOR R-VALUES 4.0

WALLS BELOW GRADE (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY CONC. BLOCK – FOUNDATION WALL ONLY
U-VALUE OF TOTAL ASSEMBLY .10
R-VALUE OF INSULATION 10

FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY N/A
U-VALUE OF TOTAL ASSEMBLY
R-VALUE OF INSULATION

FLOORS SLAB ON GRADE
DESCRIPTION OF ASSEMBLY FINISH, 4" CONC. SLAB ON GRADE, 2" RIGID INSULATION
U-VALUE OF TOTAL ASSEMBLY .10
R-VALUE OF INSULATION 10
HORIZONTAL/VERTICAL REQUIREMENT 2'-0" INSIDE SLAB
SLAB HEATED N/A

SEE MECHANICAL SHEETS FOR ADDITIONAL INFORMATION

MECHANICAL SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

THERMAL ZONE
WINTER DRY BULB: _____
SUMMER DRY BULB: _____

INTERIOR DESIGN CONDITIONS
WINTER DRY BULB: _____
SUMMER DRY BULB: _____
RELATIVE HUMIDITY: _____

BUILDING HEATING LOAD: _____

BUILDING COOLING LOAD: _____

MECHANICAL SPACE CONDITIONING SYSTEM
UNITARY
DESCRIPTION OF UNIT: _____
HEATING EFFICIENCY: _____
COOLING EFFICIENCY: _____
SIZE CATEGORY OF UNIT: _____

BOILER
SIZE CATEGORY. IF OVERSIZED, STATE REASON: N/A

CHILLER
SIZE CATEGORY. IF OVERSIZED, STATE REASON: N/A

LIST EQUIPMENT EFFICIENCIES SEE SCHEDULES

SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT

METHOD OF COMPLIANCE:
ENERGY CODE: ☐ PRESCRIPTIVE ☐ PERFORMANCE
ASHRAE 90.1 ☐ PRESCRIPTIVE ☐ PERFORMANCE

LIGHTING SCHEDULE
LAMP TYPE REQUIRED IN FIXTURE
NUMBER OF LAMPS IN FIXTURE
BALLAST TYPE USED IN THE FIXTURE
NUMBER OF BALLASTS IN FIXTURE
TOTAL WATTAGE PER FIXTURE
TOTAL INTERIOR WATTAGE SPECIFIED VS. ALLOWED
TOTAL EXTERIOR WATTAGE SPECIFIED VS. ALLOWED

METHOD OF COMPLIANCE:
☐ 506.2.1 MORE EFFICIENT MECHANICAL EQUIPMENT
☐ 506.2.2 REDUCED LIGHTING POWER DENSITY
☐ 506.2.3 ENERGY RECOVERY VENTILATION SYSTEMS
☐ 506.2.4 HIGHER EFFICIENCY SERVICE WATER HEATING
☐ 506.2.5 ON-SITE SUPPLY OF RENEWABLE ENERGY
☐ 506.2.6 AUTOMATIC DAYLIGHTING CONTROL SYSTEMS

tma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438

tel 336-282-7171

SCOPE DOCUMENT

This drawing indicates the general scope of the project in terms of the architectural design concept, building dimensions and an outline of major architectural elements of construction. As a scope document, this drawing does not necessarily indicate or describe all work required for the project's full performance and completion. Contractors, Sub-Contractors and Suppliers shall be responsible for providing and installing all items indicated, implied or required by local codes, without adjustment to Contract Price.

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Consultants:

Structural-
Mechanical, Plumbing, Electrical Engineering-

DEVELOPER/CONTRACTOR:

Construction Managers, Inc.
Design-Build Management
Fremont, NC www.constructionman.com 919-242-4600

CONSTRUCTION MANAGERS, INC
P.O. BOX 1138
FREMONT, NC 27830
t 919.242.4600
f 919.869.2080

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THOMAS MOREAU REGISTERED ARCHITECT 7549 NORTH CAROLINA GREENSBORO, N.C.

tma architect p.a. CERTIFICATE OF AUTHORIZATION CERT. NO. 50860 NORTH CAROLINA GREENSBORO, NC

SEPT. 30, 2014

PERMIT XXX

JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NC
28546

ONSLOW COUNTY

Issue	Date	Description
	9.30.14	ISSUED FOR PERMIT

Date: 9.30.14
Project No.: 130202-A
Drawn By: TM/KE
Checked By: TM
CADD Drawing:

TITLE SHEET

G-101

Sheet _____ of _____

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LEAD DESIGN PROFESSIONAL: _____

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CIVIL	SEPARATE COVER	N/A	N/A	N/A	N/A
ELECTRICAL	SEPARATE COVER	N/A	N/A	N/A	N/A
FIRE ALARM	SEPARATE COVER	N/A	N/A	N/A	N/A
PLUMBING	SEPARATE COVER	N/A	N/A	N/A	N/A
MECHANICAL	SEPARATE COVER	N/A	N/A	N/A	N/A
SPRINKLER-STANDPIPE	SEPARATE COVER	N/A	N/A	N/A	N/A
STRUCTURAL	SEPARATE COVER	N/A	N/A	N/A	N/A
RETAINING WALLS> 5' HIGH	n/a				
OTHER	n/a				

2012 EDITION OF NC CODE: ☒ NEW CONSTRUCTION ☐ ADDITION ☐ UPFIT
EXISTING: ☐ RECONSTRUCTION ☐ ALTERATION ☐ REPAIR ☐ RENOVATION
CONSTRUCTED: (date) _____ ORIGINAL USE(S) (Ch. 3): _____
RENOVATED: (date) _____ CURRENT USE(S) (Ch. 3): _____
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BUILDING DATA

CONSTRUCTION TYPE: ☐ I-A ☐ II-A ☐ III-A ☐ IV ☐ V-A
☐ I-B ☐ II-B ☐ III-B ☒ V-B

SPRINKLERS: ☐ NO ☒ YES ☐ PARTIAL ☒ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D

STANDPIPES: ☒ NO ☐ YES CLASS ☐ I ☐ II ☐ III WET ☐ DRY

FIRE DISTRICT: ☒ NO ☐ YES (PRIMARY) FLOOD HAZARD AREA: ☐ NO ☐ YES

BUILDING HEIGHT: 1ST -0" FEET

GROSS BUILDING AREA:

FLOOR	EXISTING (SQ. FT.)	NEW (SQ. FT.)	SUB-TOTAL
6HT FLOOR			
5TH FLOOR			
4TH FLOOR			
3RD FLOOR			
2ND FLOOR			
MEZZANINE			
1ST FLOOR		16,375	16,375
BASEMENT			
TOTAL		16,375	16,375

ALLOWABLE AREA

OCCUPANCY:
ASSEMBLY ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
BUSINESS ☒
EDUCATIONAL ☐
FACTORY ☐ F-1 MODERATE ☐ F-2 LOW
HAZARDOUS ☐ H-1 DETONATE ☐ H-2 DEFLAGRATE ☐ H-3 COMBUST ☐ H-4 HEALTH ☐ H-5 HPM
INSTITUTIONAL ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
I-3 CONDITION ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
MERCANTILE ☐
RESIDENTIAL ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
STORAGE ☐ S-1 MODERATE ☐ S-2 LOW ☐ HIGH-PILED
☐ PARKING GARAGE ☐ OPEN ☐ ENCLOSED ☐ REPAIR GARAGE
UTILITY AND MISCELLANEOUS ☐

ACCESSORY OCCUPANCY:
ASSEMBLY ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
BUSINESS ☐
EDUCATIONAL ☐
FACTORY ☐ F-1 MODERATE ☐ F-2 LOW
HAZARDOUS ☐ H-1 DETONATE ☐ H-2 DEFLAGRATE ☐ H-3 COMBUST ☐ H-4 HEALTH ☐ H-5 HPM
INSTITUTIONAL ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
I-3 CONDITION ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
MERCANTILE ☐
RESIDENTIAL ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
STORAGE ☐ S-1 MODERATE ☒ S-2 LOW ☐ HIGH-PILED
☐ PARKING GARAGE ☐ OPEN ☐ ENCLOSED ☐ REPAIR GARAGE
UTILITY AND MISCELLANEOUS ☐

INCIDENTAL USES (TABLE 508.2.5):
☐ FURNANCE ROOM WHERE ANY PIECE OF EQUIPMENT IS OVER 400,000 BTU PER HOUR INPUT
☐ ROOMS WITH BOILERS WHERE THE LARGEST PIECE OF EQUIPMENT IS OVER 15 PSI AND 10 HORSEPOWER
☐ REFRIGERANT MACHINE ROOM
☐ HYDROGEN CUTOFF ROOMS, NOT CLASSIFIED AS GROUP H
☐ INCINERATOR ROOMS
☐ PAINT SHOPS, NOT CLASSIFIED AS GROUP H, LOCATED IN OCCUPANCIES OTHER THAN GROUP F
☐ LABORATORIES & VOCATIONAL SHOPS, NOT CLASSIFIED AS GROUP H, LOCATED IN A GROUP E OR I-2 OCCUPANCY
☐ LAUNDRY ROOMS OVER 100 SQUARE FEET
☐ GROUP I-3 CELLS EQUIPPED WITH PADDED SURFACES
☐ GROUP I-2 WASTE AND LINEN COLLECTION ROOMS
☐ WASTE AND LINEN COLLECTION ROOMS OVER 100 SQUARE FEET
☐ STATIONARY STORAGE BATTERY SYSTEMS HAVING A LIQUID ELECTROLYTE CAPACITY OF MORE THAN 50 GALLONS, OR A LITHIUM-ION CAPACITY OF 1,000 POUNDS USED FOR FACILITY STANDBY POWER, EMERGENCY POWER OR UNINTERRUPTED POWER SUPPLIES
☐ ROOMS CONTAINING FIRE PUMPS
☐ GROUP I-2 STORAGE ROOMS OVER 100 SQUARE FEET
☐ GROUP I-2 COMMERCIAL KITCHENS
☐ GROUP I-2 LAUNDRIES EQUAL TO OR LESS THAN 100 SQUARE FEET
☐ GROUP I-2 ROOMS OR SPACES THAT CONTAIN FUEL-FIRED HEATING EQUIPMENT

SPECIAL USES: ☐ 402 ☐ 403 ☐ 404 ☐ 405 ☐ 406 ☐ 407 ☐ 408 ☐ 409 ☐ 410 ☐ 411 ☐ 412 ☐ 413 ☐ 414 ☐ 415 ☐ 416 ☐ 417 ☐ 418 ☐ 419 ☐ 420 ☐ 421 ☐ 422 ☐ 423 ☐ 424 ☐ 425 ☐ 426 ☐ 427

SPECIAL PROVISIONS: ☐ 509.2 ☐ 509.3 ☐ 509.4 ☐ 509.5 ☐ 509.6 ☐ 509.7 ☐ 509.8 ☐ 509.9

MIXED OCCUPANCY: ☒ NO ☐ YES SEPARATION: N/AHR. EXCEPTION: _____

☐ INCIDENTAL USE SEPARATION (508.2.5)
THIS SEPARATION IS NOT EXEMPT AS A NON-SEPARATED USE (SEE EXCEPTIONS).

☐ NON-SEPARATED USE (508.3)
THE REQUIRED TYPE OF CONSTRUCTION FOR THE BUILDING SHALL BE DETERMINED BY APPLYING THE HEIGHT AND AREA LIMITATIONS FOR EACH OF THE APPLICABLE OCCUPANCIES TO THE ENTIRE BUILDING. THE MOST RESTRICTIVE TYPE OF CONSTRUCTION, SO DETERMINED, SHALL APPLY TO THE ENTIRE BUILDING.

☐ SEPARATED USE (508.4) – SEE BELOW FOR AREA CALCULATIONS
FOR EACH STORY, THE AREA OF THE OCCUPANCY SHALL BE SUCH THAT THE SUM OF THE RATIOS OF THE ACTUAL FLOOR AREA OF EACH USE DIVIDED BY THE ALLOWABLE FLOOR AREA FOR EACH USE SHALL NOT EXCEED 1.

ACTUAL AREA OF OCCUPANCY A / ALLOWABLE AREA OF OCCUPANCY A + ACTUAL AREA OF OCCUPANCY B / ALLOWABLE AREA OF OCCUPANCY B ≤ 1

_____ + _____ + _____ + _____ ≤ 1

STORY NO.	(A) DESCRIPTION AND USE	(B) BLDG. AREA PER STORY (ACTUAL)	(B) TABLE 503[1] AREA	(C) AREA FOR FRONTAGE INCREASE[1]	(D) AREA FOR SPRINKLER INCREASE[2]	(E) ALLOWABLE AREA OF UL/MITED[3]	(F) MAXIMUM BUILDING AREA[4]
1	BUSINESS	16,375	9,000	6750	27,000	42,750	42,750

[1]FRONTAGE AREA INCREASES FROM SECTION 506.2 ARE COMPUTED THUS:
A. PERIMETER WHICH FRONTS A PUBLIC WAY OR OPEN SPACE HAVING 20 FEET MINIMUM WIDTH = 554 (F)
B. TOTAL BUILDING PERIMETER = 554 (P)
C. RATIO (F/P) = 1.0 (F/P)
D. W=MINIMUM WIDTH OF PUBLIC WAY = 30'-0" (W)
E. PERCENT OF FRONTAGE INCREASE I$_f$ = 100 [F/P – .25] x W/30 = .75 (%)

[2]THE SPRINKLER INCREASE PER SECTION 506.3 IS AS FOLLOWS:
A. MULTI-STORY BUILDING I$_s$ = 200 PERCENT
B. SINGLE-STORY BUILDING I$_s$ = 300 PERCENT

[3]UNLIMITED AREA APPLICABLE UNDER CONDITIONS OF SECTIONS 507

[4]MAXIMUM BUILDING AREA = TOTAL NUMBER OF STORIES IN THE BUILDING x E (506.4)

[5]THE MAXIMUM AREA OF PARKING GARAGES MUST COMPLY WITH 406.3.5. THE MAXIMUM AREA OF AIR TRAFFIC CONTROL TOWERS MUST COMPLY WITH TABLE 412.1.2.

ALLOWABLE HEIGHT

	ALLOWABLE (TABLE 503)	INCREASE FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
TYPE OF CONSTRUCTION	TYPE V-B		TYPE V-B	
BUILDING HEIGHT IN FEET	FEET 40'-0"	FEET = HEIGHT + 20' = 60'-0"	19'-8"	
BUILDING HEIGHT IN STORIES	2	STORIES + 1 = 3	1	

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/ REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR PENETRATION	DESIGN # FOR RATED JOINTS
STRUCTURAL FRAME, INCLUDING COLUMNS, GIRDERS, TRUSSES	N/A	0					
BEARING WALLS							
EXTERIOR							
NORTH		0					
EAST		0					
WEST		0					
SOUTH		0					
INTERIOR		0					
NONBEARING WALLS AND PARTITIONS							
EXTERIOR WALLS							
NORTH	30'	0					
EAST	30'	0					
WEST	30'	0					
SOUTH	30'	0					
INTERIOR WALLS & PARTITIONS		0					
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS		0					
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS		0					
SHAFTS ENCLOSURES – EXIT		0					
SHAFTS ENCLOSURES – OTHER		0					
CORRIDOR SEPARATION		0					
OCCUPANCY SEPARATION		0					
PARTY/FIRE WALL SEPARATION		N/A					
SMOKE BARRIER SEPARATION		N/A					
TENANT SEPARATION		N/A					
INCIDENTAL USE SEPARATION		0					

* INDICATE SECTION NUMBER PERMITTING REDUCTION

LIFE SAFETY SYSTEM REQUIREMENTS

EMERGENCY LIGHTING:	☐ NO	☒ YES
EXIT SIGNS:	☐ NO	☒ YES
FIRE ALARM:	☐ NO	☒ YES
SMOKE DETECTION SYSTEMS:	☐ NO	☒ YES ☐ PARTIAL
PANIC HARDWARE:	☐ NO	☒ YES

LIFE SAFETY PLAN REQUIREMENTS

LIFE SAFETY PLAN SHEET # G-105

☒ FIRE AND/OR SMOKED RATED WALL LOCATIONS (CHAPTER 7) NONE
☒ ASSUMED AND REAL PROPERTY LINE LOCATIONS SEE CIVIL DRAWINGS
☒ EXTERIOR WALL OPENING AREA WITH RESPECT TO DISTANCE TO ASSUMED PROPERTY LINES (705.8) ALL GREATER THAN 30'
☒ EXISTING STRUCTURES WITHIN 30' OF THE PROPOSED BUILDING NONE
☒ OCCUPANCY TYPES FOR EACH AREA AS IT RELATES TO OCCUPANT LOAD CALCULATION (TABLE 1004.1.1) BUSINESS
☒ OCCUPANT LOADS FOR EACH AREA 16,180/100 = 162 TOTAL OCCUPANTS
☒ EXIT ACCESS TRAVEL DISTANCES (1016) 300' ALLOWED, 154' ACTUAL
☒ COMMON PATH OF TRAVEL DISTANCES (1014.3 & 1028.8) 100' ALLOWED, 67' ACTUAL
☒ DEAD END LENGTHS (1018.4) 50' ALLOWED, 27' ACTUAL
☒ CLEAR EXIT WIDTHS FOR EACH EXIT DOOR ALL DOORS = 32"
☒ MAXIMUM CALCULATED OCCUPANT LOAD CAPACITY EACH EXIT DOOR CAN ACCOMODATE BASED ON EGRESS WIDTH (1005.1) 162 X .2 = 32" TOTAL REQ. EACH DOOR CAPACITY = 160
☒ ACTUAL OCCUPANT LOAD FOR EACH EXIT DOOR 162/4 = 27 # EACH DOOR
☒ A SEPARATE SCHEMATIC PLAN INDICATING WHERE FIRE RATED FLOOR/CEILING AND/OR ROOF STRUCTURE IS PROVIDED FOR PURPOSES OF OCCUPANCY SEPARATION NONE
☒ LOCATION OF DOORS WITH PANIC HARDWARE (1008.1.10) ALL EXTERIOR DOORS
☒ LOCATION OF DOORS WITH DELAYED EGRESS LOCKS AND THE AMOUNT OF DELAY (1008.1.8.7) NONE
☒ LOCATION OF DOORS WITH ELECTROMAGNETIC EGRESS LOCK (1008.1.8.7) NONE
☒ LOCATION OF DOORS EQUIPPED WITH HOLD-OPEN DEVICES FRONT AUTOMATIC DOORS (1-100A, B AND C)
☒ LOCATION OF EMERGENCY ESCAPE WINDOWS (1029) NONE
☒ THE SQUARE FOOTAGE OF EACH FIRE AREA 16,180 SQUARE FEET (TOTAL BUILDING)
☒ THE SQUARE FOOTAGE OF EACH SMOKE COMPARTMENT (407.4) NONE
☒ NOTE ANY CODE EXCEPTIONS OR TABLE NOTES THAT MAY HAVE BEEN UTILIZED REGARDING THE ITEMS ABOVE NONE

ACCESSIBLE DWELLING UNITS
(SECTION 1107)

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED
N/A							

ACCESSIBLE PARKING

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES		# OF ACCESSIBLE SPACES PROVIDED				TOTAL # ACCESSIBLE PROVIDED
	REQUIRED	PROVIDED	REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE		
16,180 S.F.	X	X	0	0	1		1
TOTAL	X	X	0	0	1		1

SEE CIVIL PLANS

STRUCTURAL DESIGN

DESIGN LOADS:
IMPORTANCE FACTORS: WIND (I$_w$) _____ SNOW (I$_s$) _____ SEISMIC (I$_E$) _____
LIVE LOADS: ROOF _____ psf; MEZZANINE N/A psf; FLOOR N/A psf
GROUND SNOW LOAD: _____ psf
WIND LOAD: BASIC WIND SPEED _____ mph (ASCE 7-02); EXPOSURE CATEGORY; WIND BASE SHEARS (FOR MWFRS) Vx = _____ Vy = _____

SEISMIC DESIGN CATEGORY ☐ A ☐ B ☐ C ☐ D
PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS:
OCCUPANCY CATEGORY (TABLE 1604.5) ☐ I ☐ II ☐ III ☐ IV
SPECTRAL RESPONSE ACCELERATION S_s _____ S_D _____ S_1 _____ S_D _____
SITE CLASSIFICATION (TABLE 1613.5.2) ☐ A ☐ B ☐ C ☐ D
DATA SOURCE: ☐ FIELD TEST ☐ PRESUMPTIVE ☐ HISTORIAL DATA
BASIC STRUCTURAL SYSTEM (CHECK ONE)
☐ BEARING WALL ☐ DUAL W/ SPECIAL MOMENT FRAME
☐ BUILDING FRAME ☐ DUAL W/ INTERMEDIATE R/C OR SPECIAL STEEL
☐ MOMENT FRAME ☐ INVERTED PENDULUM
SEISMIC BASE SHEAR Vx = _____ Vy = _____
ANALYSIS PROCEDURE ☐ SIMPLIFIED ☐ EQUIVALENT LATERAL FORCE ☐ DYNAMIC
ARCHITECTURAL, MECHANICAL, COMPONENTS ANCHORED? ☐ YES ☐ NO

LATERAL DESIGN CONTROL: ☐ EARTHQUAKE ☐ WIND

SOIL BEARING CAPACITIES:
FIELD TEST (PROVIDE COPY OF TEST REPORT) N/A psf
PRESUMPTIVE BEARING CAPACITY _____ psf
PILE SIZE, TYPE, AND CAPACITY N/A
SPECIAL INSPECTIONS REQUIRED? ☐ YES ☐ NO

SEE STRUCTURAL PLANS

PLUMBING FIXTURE REQUIREMENTS
(TABLE 2902.1)

USE		WATERCLOSETS		URINALS	LAVATORIES		SHOWERS/ TUBS	DRINKING FOUNTAINS	
		MALE	FEMALE		MALE	FEMALE		REGULAR	ACCESSIBLE
SPACE	EXISTING								
	NEW	5	8	0	5	5	0	2	2
	REQUIRED	5	5	0	2	2	0	2	2

NOTE: ALL INDIVIDUAL TOILET ROOMS ARE UNISEX – 12 TOTAL

SPECIAL APPROVALS

SPECIAL APPROVAL: (LOCAL JURISDICTION, DEPARTMENT OF INSURANCE, OSC, ICC, DPI, DHHS ETC., DESCRIBE BELOW)

ENERGY SUMMARY

ENERGY REQUIREMENTS:

THE FOLLOWING DATA SHALL BE CONSIDERED MINIMUM AND ANY SPECIAL ATTRIBUTE REQUIRED TO MEET THE ENERGY CODE SHALL ALSO BE PROVIDED. EACH DESIGNER SHALL FURNISH THE REQUIRED PORTIONS OF THE PROJECT INFORMATION FOR THE PLAN DATA SHEET. IF PERFORMANCE METHOD, STATE THE ANNUAL ENERGY COST FOR THE STANDARD REFERENCE DESIGN VS. ANNUAL ENERGY COST FOR THE PROPOSED DESIGN.

CLIMATE ZONE: ☒ 3 ☐ 4 ☐ 5

METHOD OF COMPLIANCE:
☒ PRESCRIPTIVE (ENERGY CODE)
☐ PERFORMANCE (ENERGY CODE)
☐ PRESCRIPTIVE (ASHRAE 90.1)
☐ PERFORMANCE (ASHRAE 90.1)

THERMAL ENVELOPE:

ROOF/CEILING ASSEMBLY (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY MEMBRANE OVER 6" RIGID INSULATION OVER METAL DECKING
U-VALUE OF TOTAL ASSEMBLY .033
R-VALUE OF INSULATION 30
SKYLIGHTS IN EACH ASSEMBLY N/A
U-VALUE OF SKYLIGHT N/A
TOTAL SQUARE FOOTAGE OF SKYLIGHTS IN EACH ASSEMBLY N/A

EXTERIOR WALLS (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY MASONRY OVER AIR SPACE OVER 12" INSULATED CONCRETE
U-VALUE OF TOTAL ASSEMBLY .0.05
R-VALUE OF INSULATION 20
OPENINGS (WINDOWS OR DOORS WITH GLAZING)
U-VALUE OF ASSEMBLY .0.10
SOLAR HEAT GAIN COEFFICIENT .0.4
PROJECTION FACTOR 1.0
DOOR R-VALUES 4.0

WALLS BELOW GRADE (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY CONC. BLOCK – FOUNDATION WALL ONLY
U-VALUE OF TOTAL ASSEMBLY .10
R-VALUE OF INSULATION 10

FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY N/A
U-VALUE OF TOTAL ASSEMBLY
R-VALUE OF INSULATION

FLOORS SLAB ON GRADE
DESCRIPTION OF ASSEMBLY FINISH, 4" CONC. SLAB ON GRADE, 2" RIGID INSULATION
U-VALUE OF TOTAL ASSEMBLY .10
R-VALUE OF INSULATION 10
HORIZONTAL/VERTICAL REQUIREMENT 2'-0" INSIDE SLAB
SLAB HEATED N/A

SEE MECHANICAL SHEETS FOR ADDITIONAL INFORMATION

MECHANICAL SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

THERMAL ZONE
WINTER DRY BULB: _____
SUMMER DRY BULB: _____

INTERIOR DESIGN CONDITIONS
WINTER DRY BULB: _____
SUMMER DRY BULB: _____
RELATIVE HUMIDITY: _____

BUILDING HEATING LOAD: _____

BUILDING COOLING LOAD: _____

MECHANICAL SPACE CONDITIONING SYSTEM
UNITARY
DESCRIPTION OF UNIT: _____
HEATING EFFICIENCY: _____
COOLING EFFICIENCY: _____
SIZE CATEGORY OF UNIT: _____

BOILER
SIZE CATEGORY. IF OVERSIZED, STATE REASON: N/A

CHILLER
SIZE CATEGORY. IF OVERSIZED, STATE REASON: N/A

LIST EQUIPMENT EFFICIENCIES SEE SCHEDULES

SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT

METHOD OF COMPLIANCE:
ENERGY CODE: ☐ PRESCRIPTIVE ☐ PERFORMANCE
ASHRAE 90.1 ☐ PRESCRIPTIVE ☐ PERFORMANCE

LIGHTING SCHEDULE
LAMP TYPE REQUIRED IN FIXTURE
NUMBER OF LAMPS IN FIXTURE
BALLAST TYPE USED IN THE FIXTURE
NUMBER OF BALLASTS IN FIXTURE
TOTAL WATTAGE PER FIXTURE
TOTAL INTERIOR WATTAGE SPECIFIED VS. ALLOWED
TOTAL EXTERIOR WATTAGE SPECIFIED VS. ALLOWED

METHOD OF COMPLIANCE:
☐ 506.2.1 MORE EFFICIENT MECHANICAL EQUIPMENT
☐ 506.2.2 REDUCED LIGHTING POWER DENSITY
☐ 506.2.3 ENERGY RECOVERY VENTILATION SYSTEMS
☐ 506.2.4 HIGHER EFFICIENCY SERVICE WATER HEATING
☐ 506.2.5 ON-SITE SUPPLY OF RENEWABLE ENERGY
☐ 506.2.6 AUTOMATIC DAYLIGHTING CONTROL SYSTEMS

tma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438

tel 336-282-7171

SCOPE DOCUMENT

This drawing indicates the general scope of the project in terms of the architectural design concept, building dimensions and an outline of major architectural elements of construction. As a scope document, this drawing does not necessarily indicate or describe all work required for the project's full performance and completion. Contractors, Sub-Contractors and Suppliers shall be responsible for providing and installing all items indicated, implied or required by local codes, without adjustment to Contract Price.

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Consultants:

Structural-
Mechanical, Plumbing, Electrical Engineering-

DEVELOPER/CONTRACTOR:

Construction Managers, Inc.
Design-Build Management
Fremont, NC www.constructionman.com 919-242-4600

CONSTRUCTION MANAGERS, INC
P.O. BOX 1138
FREMONT, NC 27830
t 919.242.4600
f 919.869.2080

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THOMAS MOREAU REGISTERED ARCHITECT 7549 NORTH CAROLINA GREENSBORO, N.C.

tma architect p.a. CERTIFICATE OF AUTHORIZATION CERT. NO. 50860 NORTH CAROLINA GREENSBORO, NC

SEPT. 30, 2014

PERMIT XXX

JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NC
28546

ONSLOW COUNTY

Issue	Date	Description
	9.30.14	ISSUED FOR PERMIT

Date: 9.30.14
Project No.: 130202-A
Drawn By: TM/KE
Checked By: TM
CADD Drawing:

TITLE SHEET

G-101

Sheet _____ of _____

DRAWING INDEX:

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G-102 GENERAL NOTES, PARTITION TYPES
G-103 CODE PLAN

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S2.1 FOUNDATION PLAN
S3.1 ROOF FRAMING PLAN
S4.1 FOUNDATION DETAILS
S4.2 DETAILS
S5.1 FOUNDATION DETAILS
S6.1 DETAILS
S6.2 DETAILS
S7.1 FRAMING ELEVATIONS

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A1.0 DIMENSIONED FLOOR PLAN, NOTES AND LEGEND
A1.0B IFC DIMENSION PLAN
A1.1 NOTED FLOOR PLAN, NOTES AND LEGEND
A1.2 CEILING PLAN, NOTES AND LEGEND
A1.3 DETAILS
A1.4 DETAILS
A2.0 BUILDING ELEVATIONS
A3.0 BUILDING SECTIONS
A3.1 BUILDING SECTIONS
A3.2 WALL SECTIONS
A3.3 WALL SECTIONS
A3.4 WALL SECTIONS
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A3.6 WALL SECTION DETAILS
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A4.0 ROOF PLAN, NOTES AND LEGEND
A5.0 DOOR SCHEDULE, HARDWARE SCHEDULE, STOREFRONT ELEVATIONS AND DETAILS
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A6.1 ENLARGED PLAN, ELEVATIONS AND DETAILS
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F1.1 FLOOR FINISH PLAN, NOTES AND LEGEND

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P2.1 WASTE, VENT, COLD, AND HOT WATER PLAN
P3.1 PLUMBING RISER DIAGRAMS
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P4.2 PLUMBING SCHEDULE AND DETAILS
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M2.1 HVAC PLAN
M2.2 MECHANICAL PIPING PLAN
M3.1 MECHANICAL DETAILS
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E2.2 POWER AND TELECOMMUNICATIONS PLAN
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E3.1 ELECTRICAL RISERS AND DIAGRAMS
E3.2 ELECTRICAL RISERS AND DIAGRAMS
E4.1 ELECTRICAL DETAILS
E4.2 ELECTRICAL DETAILS
E4.3 ELECTRICAL DETAILS
E5.1 PANEL SCHEDULES AND ELECTRICAL RISERS

PLANS OF EXISTING BUILDING ON FILE WITH:

PARKING REQUIREMENTS:

REQUIRED: 45

PROVIDED: 61

ADA STALLS: 4

general notes:

1. CONTRACTOR SHALL NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES. IN THE EVENT OF OMISSION OF NECESSARY DIMENSIONS, THE CONTRACTOR SHALL NOTIFY ARCHITECT OR OWNER'S REPRESENTATIVE.
2. EACH CONTRACTOR OR SUBCONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, AND LICENSES REQUIRED FOR PROPER EXECUTION.
3. EACH CONTRACTOR OR SUBCONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF ALL APPLICABLE LAWS AND ORDER OF PUBLIC OFFICIALS WITH JURISDICTION FOR SAFETY OF PERSONS/PROPERTY
4. VERIFY WITH THE MANUFACTURER/SUPPLIER THE SIZE, LOCATION AND CHARACTERISTICS OF ALL WORK AND EQUIPMENT THAT IS TO BE FURNISHED BY THE OWNER OR OTHER CONTRACTORS PRIOR TO ANY CONSTRUCTION PERTAINING TO THE SAME IS BEGUN.
5. KEEP DRIVEWAYS AND ENTRANCES CLEAR AT ALL TIMES. EACH SUBCONTRACTOR SHALL REMOVE RUBBISH AT THE COMPLETION AT THE COMPLETION OF HIS WORK. PROMPTLY REPAIR ANY DAMAGE DONE TO ADJACENT PROPERTY/TENANT SPACES AT NO COST TO OWNER.
6. GENERAL CONTRACTOR AND ALL SUBCONTRACTORS TO VISIT THE SITE AND VERIFY ALL SITE CONDITIONS PERTAINING TO THIS PROJECT PRIOR TO SUBMISSION OF BIDS. ANY DISCREPANCIES FOUND DURING SITE INVESTIGATION TO BE REPORTED TO OWNER'S REP IN WRITING PRIOR TO BID SUBMISSION.
7. CONTRACTOR TO COMPLY WITH ALL LANDLORD'S AND OWNER'S RULES AND REGULATIONS REGARDING CONSTRUCTION WITHIN THE BUILDING.
8. ALL PARTITIONS ARE DIMENSIONED TO FACE OF GYPSUM BOARD, UNLESS OTHERWISE NOTED.
9. ALL INSTALLATIONS AND ALL CONNECTIONS TO EXISTING BUILDING MECHANICAL SYSTEMS SHALL BE COORDINATED WITH THE LANDLORD'S REPRESENTATIVE.
10. ALL MECHANICAL, AND ELECTRICAL, SHALL TIE–IN TO EXISTING SYSTEMS. HVAC BY OTHERS.
11. ALL WORK SHALL BE DONE BY LICENSED CONTRACTORS AND IN CONFORMANCE WITH ALL NATIONAL, STATE, COUNTY, AND LOCAL CODES. ANY VARIANCE/NON–COMPLIANCE WITH LOCAL CODE TO BE REPORTED TO PROJECT MANAGER IN WRITING PRIOR TO BIDS.
12. G.C. TO ENSURE THAT A COMPLETE OF CONSTRUCTION DOCUMENTS IS GIVEN TO ALL SUBCONTRACTORS PRIOR TO BID SUBMISSION.
13. REFER TO EQUIPMENT SHEET A.3 FOR ALL EQUIPMENT LOCATIONS. REFER TO PROJECT MANUAL & ENGINEERING DRAWINGS FOR EQUIPMENT REQUIREMENTS. NOTIFY CONSTRUCTION MANAGER OF ANY DISCREPANCIES.
14. G.C. TO COORDINATE LAYOUT, ROUTING, AND INSTALLATION OF ALL NEW MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND PLUMBING WORK WITH EXISTING MEP/FP SYSTEMS, AND WITH EXISTING STRUCTURE TO REMAIN. REPORT ALL DISCREPANCIES TO OWNER'S REP IN WRITING PRIOR TO SUBMITTING BID PACKAGE.
15. ALL EXISTING CONDITIONS, STRUCTURAL AND MECHANICAL CONNECTIONS TO ALL EXISTING BUILDING SERVICES MUST BE FIELD VERIFIED PRIOR TO SUBMISSION OF BIDS. ANY DISCREPANCIES SHALL BE REFLECTED AND NO ADJUSTMENT TO BID PRICE SHALL BE MADE AFTER BID SUBMISSION. SUBMISSION OF BID SHALL BE UNDERSTOOD AND CONSTRUED AS CONTRACTOR AS CONTRACTOR HAVING VERIFIED ALL EXISTING CONDITIONS WHETHER OR NOT SHOWN ON DRAWINGS AND HAVING TAKEN INTO ACCOUNT ANY ADJUSTMENT NECESSARY TO FULFILL THE DESIGN INTENT IN FULL AND COMPLETELY.
16. G.C. TO PROVIDE AS BUILT DRAWINGS WITHIN TWO WEEKS OF COMPLETION OF PROJECT, PRIOR TO ALL FINAL PAYMENT, IN REPRODUCIBLE FORMAT.
17. LOCATION, TYPE AND SIZE OF PORTABLE FIRE EXTINGUISHERS TO BE DETERMINED BY THE FIRE MARSHALL. FIRE EXTINGUISHERS TO BE PROVIDED BY THE G.C.
18. G.C. TO ENSURE THAT EXISTING STRUCTURE IS NOT ALTERED OR DAMAGED WITH EXCEPTION OF MODIFICATIONS SHOWN ON DRAWINGS
19. ALL WOOD BLOCKING TO BE FIRE RETARDANT TREATED

ABBREVIATIONS:

A.C.T	ACOUSTICAL CEILING TILE	LAM.	LAMINATED
A.F.F	ABOVE FINISH FLOOR	LT.	LIGHT
ALUM.	ALUMINUM		
ANOD.	ANODIZED	MAX.	MAXIMUM
		MECH.	MECHANICAL
B.E.J.	BUILDING EXPANSION JOINT	MEZZ.	MEZZANINE
BD.	BOARD	MFR.	MANUFACTURER
BOT.	BOTTOM OF	MIN.	MINIMUM
BLDG.	BUILDING	M.O.	MASONRY OPENING
BLK.	BLOCKING	M.R.	MOISTURE RESISTANT
BRG.	BEARING	MSR'Y.	MASONRY
		MTL.	METAL
CAB'T.	CABINET		
℄	CENTER LINE	N.I.C.	NOT IN CONTRACT
C.J.	CONTROL JOINT	NO.	NUMBER
CLG.	CEILING	N.T.S.	NOT TO SCALE
C.M.U	CONCRETE MASONRY UNIT		
CO.	CLEAN OUT	O.C.	ON CENTER
COL.	COLUMN	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
CONT.	CONTINUOUS	OFOI	OWNER FURNISHED OWNER INSTALLED
CONC.	CONCRETE	OPN'G	OPENING
CONST.	CONSTRUCTION	O.H.	OPPOSITE HAND
CPT.	CARPET		
CT.	CERAMIC TILE	P.C.	PRE CAST
		PLAM.	PLASTIC LAMINATED
DIA.	DIAMETER	PLAS.	PLASTIC
DN.	DOWN	PLBG.	PLUMBING
DS.	DOWN SPOUT	PRE–FAB	PRE–FRABRICATED
DTL.	DETAIL	PT	PRESSURE TREATED
DWG	DRAWING	PTD	PAINT(ED)
		PSF.	POUNDS PER SQUARE FOOT
EA.	EACH	PSI.	POUNDS PER SQUARE INCH
E.F.I.S.	EXTERIOR INSUL + FINISH SYSTEM	R.	RADIUS
ELEC.	ELECTRIC(AL)	RB	RUBBER BASE
ELEV.	ELEVATION	RD.	ROOF DRAIN
E.O.S.	EDGE OF SLAB	REINF.	REINFORCEMENT
EQ.	EQUAL	REF.	REFERENCE
EQUIP.	EQUIPMENT	REQ'D	REQUIRED
E.W.C.	ELECTRIC WATER COOLER	RM.	ROOM
ETR	EXISTING TO REMAIN	RO.	ROUGH OPENING
EXIST.	EXISTING		
		S.C.	SOLID CORE
F.E.C.	FIRE EXSTINGUISHER CABINET	SCWD	SOLID CORE WOOD DOOR
		S.F.	SQUARE FOOT
F.D.	FLOOR DRAIN	SHT.	SHEET
FLR.	FLOOR	SIM.	SIMILAR
F.O.	FACE OF	SP.	SPEAKER
F.O.S.	FACE OF SLAB	SPEC.	SPECIFICATION(SO
F.R.P	FIBERGLASS REINFORCED PANELS	S.S.	STAINLESS STEEL
		STD	STANDARD
F.R.T.	FIRE RETARDANT TREATMENT	STL.	STEEL
		STRUCT.	STRUCTURE(AL)
F.S.	FLOOR SINK	SQ. FT.	SQUARE FEET
GA.	GAUGE	T/	TOP OF
GALV.	GALVANIZED	TFCI	TENANT FURNISHED CONTRACTOR INSTALLED
G.C.	GENERAL CONTRACTOR	TFTI	TENANT FURNISHED TENANT INSTALLED
GL.	GLASS	THK.	THICK
G.W.B.	GYPSUM WALL BOARD	T.O.S.	TOP OF STEEL
GYP.	GYPSUM	TYP.	TYPICAL
HC	HANDICAPPED	UL	UNDERWRITER LABRATORY
HDW.	HARDWARE	U.N.O	UNLESS NOTED OTHERWISE
HM.	HOLLOW METAL		
HOL.	HOLLOW	V.C.B.	VINYL COVER BASE
HORIZ.	HORIZONTAL	V.C.T.	VINYL COMPOSITION TILE
HR.	HOUR	VERT.	VERTICAL
HT.	HEIGHT	V.I.F.	VERIFY IN FIELD
HVAC	HEATING/VENTILATION/AIR CONDITIONING	V.W.C.	VINYL WALL COVERING
		W/	WITH
I.C.P.	INSULATED CEILING PANEL(S)	W/O	WITH OUT
		W.C.	WATER CLOSET
INFO.	INFORMATION	WD.	WOOD
INSUL.	INSULATED	W.R.	WATER RESISTANT
INT.	INTERIOR	WT.	WEIGHT
I.W.P.	INSULATED WALL PANEL(S)		
J.B.E	JOIST BEARING ELEVATION		

TAG	DESCRIPTION	HEIGHT	GWB- 5/8" "TYPE X"	SOUND BATTS	RATING	NOTES
TYP. WALL NO TAG	3 5/8" STUD	6" ABOVE CEILING	1 LAYER - BOTH SIDES	YES	-	-
S4	6" STUD	6" ABOVE CEILING	1 LAYER - BOTH SIDES	YES	-	-
D1	3 5/8" STUD	TO DECK ABOVE	1 LAYER - BOTH SIDES	YES	-	-
D3	6" STUD	TO DECK ABOVE	1 LAYER - BOTH SIDES	YES	-	-

PARTITION NOTES:

1. NOT ALL PARTITIONS TYPES ON THIS SCHEDULE ARE UTILIZED ON THIS PROJECT. SEE NEW WORK PLAN A1.0 AND A1.1 FOR WALL TAG INDICATIONS.
2. ALL GWB ASSEMBLIES SHALL CONFORM TO GYPSUM ASSOCIATION GA-600 AND THE UL FIRE RESISTANCE DIRECTORY, MOST CURRENT EDITIONS.
3. SOUND ATTENUATION BATTS SHALL BE FULL HEIGHT AND WIDTH , SEE DETAIL 3/A1.4 FOR SOUND ATTENUATION AT ALL TYP. WALLS AND "S" TYPE PARTITIONS.
4. BRACE ALL WALLS @ 48" O.C. ABOVE CEILING AS REQUIRED FOR STABILITY.
5. ALL INTERIOR STUD PARTITIONS SHALL BE 25 GAUGE UNLESS OTHERWISE NOTED. INT. MTL.. STUD WALLS TO RECEIVE CERAMIC TILE SHALL BE 20 GAUGE MIN. INT. MTL. STUD WALLS TO RECEIVE WALL HUNG CASEWORK OR PLUMBING SHALL BE 20 GAUGE MIN. INT. MTL. STUD WALLS THAT EXTEND ABOVE 10'-0" SHALL BE 20 GAUGE MIN.
6. INSTALL WOOD BLOCKING PER CODE REQUIREMENTS FOR ALL WALL MOUNTED ITEMS INCLUDING OWNER FURNISHED , OWNER INSTALLED ITEMS. COORDINATE AS REQUIRED.
7. WHERE WALLS ARE INDICATED TO RECEIVE CERAMIC TILE, INSTALL 5/8" CEMENTITIOUS TILE BAKER BOARD IN LIEU OF GWB INDICATED.
8. ALL GWB IN TOILET ROOMS AND/OR IN WET LOCATIONS SHALL BE MOLD AND WATER RESISTANT.
9. ALL PARTITIONS SHALL UTILIZE TYPE "X" GWB.
10. FOR ELECTRICAL OUTLETS IN RATED WALLS, PROVIDE AN ADDITIONAL 12" MINIMUM WIDTH LAYER OF TYPE "X" GWB BEHIND BOX. BOXES CUT INTO OPPOSITE SIDES OF A RATED PARTITION SHALL BE SEPARATED HORIZONTALLY BY 2'-0" MINIMUM.
11. ALL ABOVE CEILING OR CONCEALED FIRE RATED ASSEMBLIES SHALL BE LABELED "FIRE RATED ASSEMBLY" AND INDICATE THE RATING. SIGNAGE SHALL BE PLACED AT HORIZONTAL INTERVALS OF NO LESS THAN 8'-0" AND LETTERS SHALL BE 1" MINIMUM.
12. AT ALL FIRE RATED PARTITIONS, SEAL ALL GWB TO FLOOR AND DECK WITH FLEXIBLE SEALANT. CUT GWB TO WITHIN 1/4" OF FLOOR AND DECK FLUTES FOR PROPER INSTALLATION OF SEALANT. PACK ANY PENETRATIONS WITH THERMOFIBER SAFING INSULATION AND SEAL WITH FIRESTOP SEALANT.
13. RATED PARTITIONS SHALL BE CONTINUOUS AND SHALL NOT COMPROMISED IN ANY WAY BY INTERSECTING WALLS.
14. LARGER SHAPED WALL ENCLOSURES NOT NOTED WITH A WALL TAG SHALL BE TYPE S2.
15. ALL GWB ON INTERIOR FACE OF EXTERIOR WALLS SHALL BE MOLD RESISTANT.

SITE DEVELOPMENT

DEVELOPER (LESSOR) SHALL BE RESPONSIBLE FOR ALL SITE DEVELOPMENT INCLUDING ENGINEERING, LAYOUT, PARKING, SIDEWALKS, LANDSCAPING, BRICK PAVERS, SITE LIGHTING, SITE SIGNAGE, FLAGPOLE W/ LIGHTING AND ALL OTHER REQUIRED SITE ELEMENTS. VA SHALL REVIEW AND APPROVE ALL SITE WORK PRIOR TO COMMENCEMENT.

DEVELOPER (LESSOR) SHALL PROVIDE 30" TALL FLAGPOLE WITH ASSOCIATED LIGHTING TO BE LOCATED PER CONCEPTUAL RENDERINGS AND VA DIRECTION.

INTERIOR AND EXTERIOR SIGNAGE

LESSOR SHALL PROVIDE A FULL INTERIOR AND EXTERIOR SIGNAGE PACKAGE THAT IS FULLY COMPLIANT WITH VA SPECIFICATIONS AND REQUIREMENTS. EXTERIOR SIGNAGE SHALL INCLUDE MONUMENT SIGNAGE, BUILDING MOUNTED SIGNAGE AND SITE DIRECTIONAL SIGNS.

RECORD DRAWINGS

THESE ARE RECORD DRAWINGS CREATED ON 2/24/12. THESE DRAWINGS DO NOT GUARANTEE EXACT DIMENSIONS, SCALES, AND/OR LOCATIONS AND SHOULD NOT BE USED FOR CONSTRUCTION. ALL FUTURE USERS SHOULD FIELD VERIFY ACTUAL LOCATIONS AND DIMENSIONS PRIOR TO USE.

tma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

SCOPE DOCUMENT

This drawing indicates the general scope of the project in terms of the architectural design concept, building dimensions and an outline of major architectural elements of construction. As a scope document, this drawing does not necessarily indicate or describe all work required for the project's full performance and completion. Contractors, Sub-Contractors and Suppliers shall be responsible for providing and installing all items indicated, implied or required by local codes, without adjustment to Contract Price.

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Consultants:

Structural:
Mechanical, Plumbing, Electrical Engineering:

DEVELOPER/CONTRACTOR:

Construction Managers, Inc.
Design-Build Management
Fremont, NC www.constructionman.com 919-242-4600

CONSTRUCTION MANAGERS, INC
P.O. BOX 1138
FREMONT, NC 27830
t 919.242.4600
f 919.869.2080

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THOMAS MOREAU REGISTERED ARCHITECT 7549 NORTH CAROLINA GREENSBORO, N.C.

tma architect p.a. CERT. NO. 50860 REGISTERED ARCHITECTURAL CORPORATION NORTH CAROLINA GREENSBORO, NC

SEPT. 30, 2014

PERMIT XXX

JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NC
28546

ONSLOW COUNTY

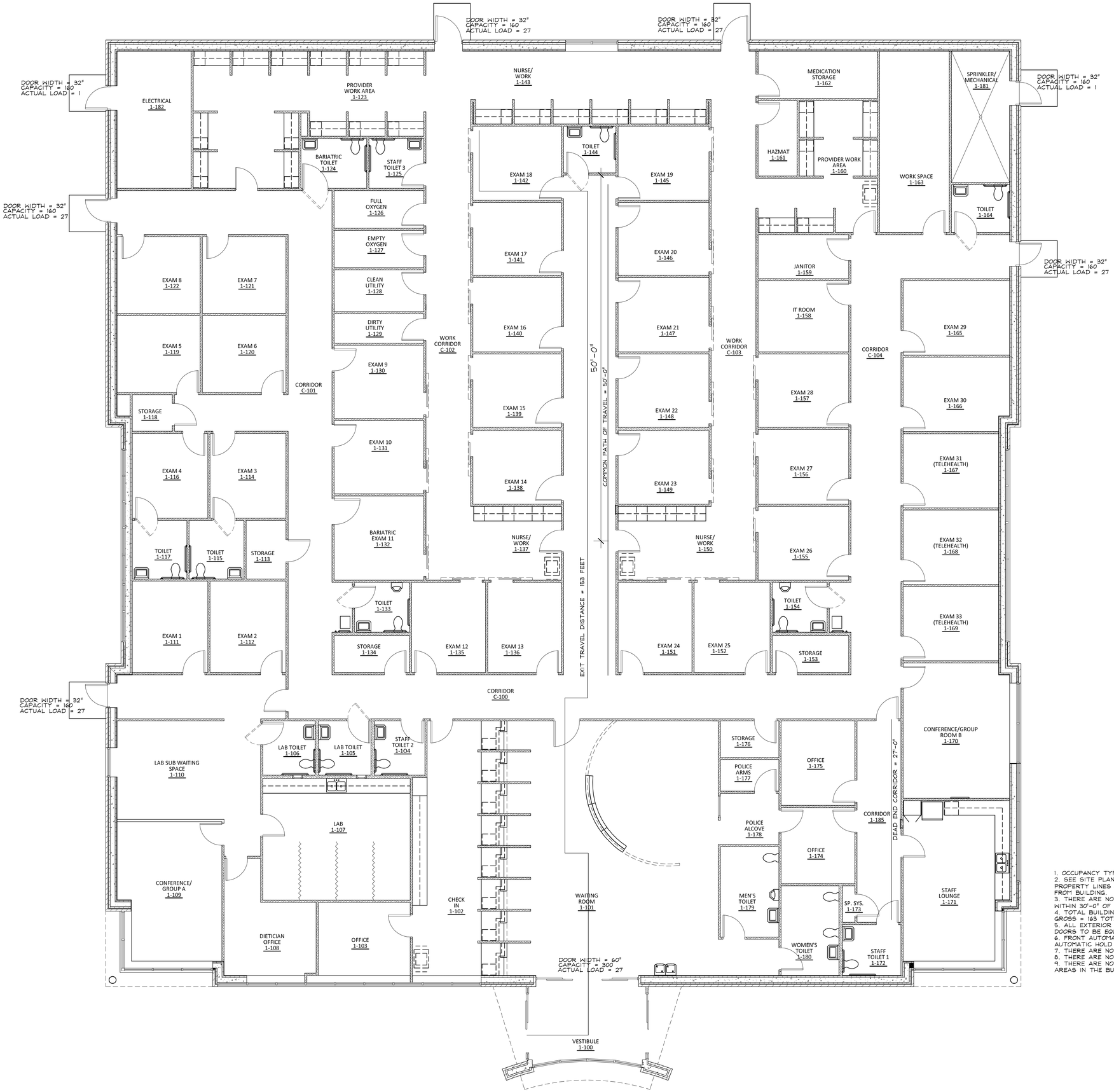
Issue	Date	Description
	9.30.14	ISSUED FOR PERMIT

Date: 9.30.14
Project No.: 130202-A
Drawn By: TM/KE
Checked By: TM
CADD Drawing:

PARTITION SCHEDULE NOTES

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Sheet _____ of _____



1. OCCUPANCY TYPE - ENTIRE BUILDING IS BUSINESS
2. SEE SITE PLAN FOR REAL PROPERTY LINES - ALL PROPERTY LINES ARE GREATER THAN 30'-0" AWAY FROM BUILDING.
3. THERE ARE NO OTHER BUILDINGS ON THE SITE OR WITHIN 30'-0" OF THE BUILDING.
4. TOTAL BUILDING OCCUPANCY LOAD = 16,375 / 100 GROSS = 163 TOTAL OCCUPANTS.
5. ALL EXTERIOR DOORS EXCEPT FRONT AUTOMATIC DOORS TO BE EQUIPPED WITH PANIC HARDWARE.
6. FRONT AUTOMATIC DOORS TO BE EQUIPPED WITH AUTOMATIC HOLD OPEN DEVISES FOR OPEN POSITION.
7. THERE ARE NO FIRE RATED FLOORS OR CEILINGS.
8. THERE ARE NO EMERGENCY ESCAPE WINDOWS.
9. THERE ARE NO SEPARATE FIRE AREAS OR SMOKE AREAS IN THE BUILDING. EACH WOULD BE 16,375 S.F.

tma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

SCOPE DOCUMENT

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CONSTRUCTION MANAGERS, INC
P.O. BOX 1138
FREMONT, NC 27830
t 919.242.4600
f 919.869.2080

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THOMAS MORCAU REGISTERED ARCHITECT 7549 NORTH CAROLINA GREENSBORO, N.C.

tma architect p.a. CERT. NO. 50860 GREENSBORO, NC

SEPT. 30, 2014

PERMIT XXX

JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NC
28546

ONSLOW COUNTY

Issue	Date	Description
	9.30.14	ISSUED FOR PERMIT

Date:	9.30.14
Project No.:	130202-A
Drawn By:	TM/KE
Checked By:	TM
CADD Drawing:	

LIFE SAFETY FLOOR PLAN

G-103

Sheet _____ of _____

GENERAL NOTES:

1. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND THE SPECIFICATIONS. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES AS TO ITEMS TO BE PLACED OR SET IN THE STRUCTURAL WORK.

2. THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE PROVISIONS OF THE INTERNATIONAL BUILDING CODE, 2009 EDITION, AS ADOPTED AND AMENDED BY THE NORTH CAROLINA STATE BUILDING CODE, 2012 AND AMENDED EDITION.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY SHORING AND BRACING REQUIRED TO ERECT AND HOLD THE STRUCTURE IN PROPER ALIGNMENT UNTIL PERMANENT SUPPORTS AND LATERAL BRACING ARE IN PLACE.

4. THE PROJECT SPECIFICATIONS ARE NOT SUPERSEDED BY THE STRUCTURAL NOTES BUT ARE INTENDED TO BE COMPLEMENTARY TO THEM. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS IN EACH SECTION.

5. SPECIFIC NOTES AND SPECIFIC DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER STRUCTURAL NOTES AND TYPICAL DETAILS.

6. CONSULTANTS' DRAWINGS, INCLUDING STRUCTURAL DRAWINGS, ARE CONSIDERED SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. ANY OMISSIONS OR CONFLICTS, INCLUDING DIMENSIONS, BETWEEN VARIOUS ELEMENTS OF THE CONSULTANTS' DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.

7. THESE DOCUMENTS ARE PROTOTYPE DRAWINGS AND SHALL BE USED AS GUIDANCE FOR THE DEVELOPMENT OF CONSTRUCTION DOCUMENTS FOR A SPECIFIC SITE.

8. LOADS USED IN THE DESIGN OF THIS STRUCTURE ARE AS FOLLOWS:

A. LIVE LOADS:

SLAB ON-GRADE	100 PSF
ROOF	20 PSF

B. SNOW DESIGN DATA:

GROUND SNOW LOAD	10 PSF

C. WIND DESIGN DATA:

BASIC WIND SPEED (3-SECOND GUST)	125 MPH
WIND EXPOSURE	C (SITE DEPENDENT)
OCCUPANCY CATEGORY	II
WIND IMPORTANCE FACTOR	1.0
INTERNAL PRESSURE COEFFICIENT	±0.18
COMPONENTS AND CLADDING DESIGN PRESSURES	
(ZONE 1 WITH 50 SF TRIBUTARY AREA)	34 PSF
(ZONE 4 WITH 50 SF TRIBUTARY AREA)	39 PSF

D. SEISMIC DESIGN DATA:

OCCUPANCY CATEGORY	II
SEISMIC IMPORTANCE FACTOR	1.0
S_s	.243g
S_1	.107g
SITE CLASS	F
S_{DS}	.24g
S_{D1}	.16g
SEISMIC DESIGN CATEGORY	C
DESIGN BASE SHEAR	108 KIPS
RESPONSE MODIFICATION FACTOR	3
ANALYSIS PROCEDURE EQUIVALENT LATERAL FORCE	
BASIC SEISMIC-FORCE-RESISTING SYSTEM IS ORDINARY STEEL CONCENTRICALLY BRACED FRAMES	

PER SECTION 2205.2.1 OF THE INTERNATIONAL BUILDING CODE, 2009 EDITION - STEEL STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORIES A, B, OR C, ARE NOT REQUIRED TO BE DESIGNED AND DETAILED IN ACCORDANCE WITH THE AISC SEISMIC PROVISIONS. TO COMPLY WITH THIS SECTION, A RESPONSE MODIFICATION FACTOR, R, OF THREE (3) HAS BEEN UTILIZED IN THE SEISMIC LOAD CALCULATIONS, INDICATING A 'STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE'.

9. MECHANICAL UNIT WEIGHTS AND LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATIONS AND WEIGHTS SHOWN AND REPORT DISCREPANCIES TO THE ARCHITECT.

FOUNDATION NOTES:

1. FOUNDATIONS HAVE BEEN DESIGNED FOR A BEARING PRESSURE OF 2000 PSF. FOUNDATION BEARING SOILS SHALL BE EVALUATED BY A LICENSED GEOTECHNICAL ENGINEER TO CONFIRM THE DESIGN BEARING PRESSURE AND THAT THE ASSOCIATED SETTLEMENTS ARE WITHIN GENERALLY ACCEPTED TOLERABLE LIMITS.

2. PRIOR TO PLACING FOUNDATION CONCRETE, ALL FOUNDATION EXCAVATIONS SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER TO EXPLORE THE EXTENT OF LOOSE, SOFT OR OTHERWISE UNSATISFACTORY SOIL MATERIAL AND TO VERIFY DESIGN BEARING PRESSURE. THE GEOTECHNICAL ENGINEER WILL PROVIDE DIRECTION FOR CORRECTIVE ACTION WHERE REQUIRED.

3. NO UNBALANCED BACKFILLING SHALL BE DONE AGAINST WALLS UNLESS WALLS ARE SECURELY BRACED AGAINST OVERTURNING, EITHER BY TEMPORARY CONSTRUCTION BRACING OR BY PERMANENT CONSTRUCTION.

4. FROST LINE DEPTH WILL VARY WITH THE BUILDING LOCATIONS, ALL FOUNDATION ELEVATIONS SHALL BE COORDINATED WITH LOCAL BUILDING REQUIREMENTS. TOP OF ALL EXTERIOR FOUNDATIONS SHALL BE A MINIMUM OF 1'-4" BELOW EXTERIOR FINISHED GRADE ELEVATION.

CAST-IN-PLACE CONCRETE NOTES:

1. CAST-IN-PLACE CONCRETE FOR THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE (ACI) "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-08) AND COMMENTARY (ACI 318R-08 TYP)".

2. CONCRETE SHALL BE NORMAL WEIGHT AND SHALL OBTAIN 28 DAY COMPRESSIVE STRENGTHS AS FOLLOWS:
   A. SLAB-ON-GRADE 3500 PSI
   B. CONCRETE NOT OTHERWISE NOTED 3000 PSI

3. REINFORCING MATERIALS SHALL BE AS FOLLOWS:
   A. REINFORCING BARS - ASTM A615, GRADE 60, DEFORMED.
   B. FIBER REINFORCING:
      1. SYNTHETIC - ASTM C1116, TYPE III.

4. ALL REINFORCING STEEL AND EMBEDDED ITEMS SHALL BE ACCURATELY PLACED IN THE POSITIONS SHOWN AND ADEQUATELY TIED AND SUPPORTED BEFORE CONCRETE IS PLACED TO PREVENT DISPLACEMENT BEYOND PERMITTED TOLERANCES.

5. MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS INDICATED ON THE DRAWINGS SHALL GOVERN WHEN IN CONFLICT WITH ACI 318-08.

6. UNLESS OTHERWISE NOTED ON THE STRUCTURAL DRAWINGS:
   A. LAP SPLICE LENGTHS SHALL COMPLY WITH 'CAST-IN-PLACE CONCRETE REINFORCING BAR LAP SPLICE SCHEDULE' ON SHEET S2.1

CONCRETE MASONRY NOTES:

1. CONCRETE MASONRY FOR THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE (ACI) "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" ACI 530-08 / ASCE 5-08 / TMS 402-08.

2. CONCRETE MASONRY CONSTRUCTION SHALL CONFORM TO THE "SPECIFICATIONS FOR MASONRY STRUCTURES" ACI 530.1-08 / ASCE 6-08 / TMS 602-08.

3. CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, TYPE 2 AND BE MADE WITH LIGHTWEIGHT AGGREGATE. THE COMPRESSIVE STRENGTH OF MASONRY, F'm, EXPRESSED AS FORCE PER UNIT OF NET CROSS-SECTIONAL AREA, SHALL BE 1500 PSI AT 28 DAYS.

4. REINFORCING STEEL SHALL COMPLY WITH ASTM A615, GRADE 60. SHOP FABRICATE REINFORCING BARS WHICH ARE SHOWN TO BE BENT OR HOOKED.

5. GROUT SHALL COMPLY WITH ASTM C476 OR IBC TABLE 2303.12, AND SHALL BE PROPORTIONED TO OBTAIN A 28 DAY COMPRESSIVE STRENGTH OF 2500 PSI.

6. MORTAR SHALL COMPLY WITH ASTM C270, TYPE S OR M. AGGREGATE FOR MORTAR SHALL COMPLY WITH ASTM C144. AGGREGATE FAILING TO COMPLY WITH ASTM C144 GRADATION REQUIREMENTS MAY BE USED PROVIDED THE MORTAR CAN BE PREPARED TO COMPLY WITH THE AGGREGATE RATIO, WATER RETENTION, AND COMPRESSIVE STRENGTH REQUIREMENTS OF THE PROPERTY SPECIFICATIONS OF ASTM C270. USE TYPE M BELOW GRADE AND TYPE S ABOVE GRADE (UNLESS CELLS ARE GROUTED SOLID).

7. HORIZONTAL JOINT REINFORCING SHALL BE STANDARD 9 GAGE LADDER TYPE IN CMU WALLS AT 16" ON-CENTER. JOINT REINFORCING SHALL COMPLY WITH ASTM A951 AND BE HOT-DIPPED GALVANIZED ACCORDING TO ASTM A153, CLASS B.

8. GROUT ALL CELLS SOLID BELOW FINISHED FIRST FLOOR.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL FOR THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE THIRTEENTH EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC 360-08) "STEEL CONSTRUCTION MANUAL" - ALLOWABLE STRESS DESIGN

2. STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:
   A. STRUCTURAL STEEL W- AND WT-SHAPES - ASTM A992, Fy=50 KSI
   B. RECTANGULAR AND SQUARE HSS - ASTM A500, GRADE B, Fy=46 KSI
   C. ROUND HSS - ASTM A500, GRADE B, Fy=42 KSI
   D. ANCHOR RODS - ASTM F1554, GRADE 36 (WELDABLE)
   E. ALL OTHER STRUCTURAL STEEL SHAPES, PLATES AND BARS - ASTM A36, Fy=36 KSI (UNLESS OTHERWISE NOTED)

3. UNLESS OTHERWISE NOTED, ALL BEAM CONNECTIONS SHALL BE ACCORDING TO "TYPICAL BOLTED WEB PLATE CONNECTION DETAILS" ON SHEET S4.2 USING ASTM A325 BOLTS.

4. BRACED FRAME CONNECTIONS SHALL BE DESIGNED AND DETAILED FOR THE FORCES INDICATED ON THE DRAWINGS. CONNECTIONS SHALL COMPLY WITH THE "STEEL CONSTRUCTION MANUAL", ALLOWABLE STRESS DESIGN. CONNECTIONS MAY BE WELDED OR BOLTED USING SLIP CRITICAL BOLTS. CONTRACTOR SHALL SUBMIT CALCULATIONS AND DETAILS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NORTH CAROLINA FOR ALL BRACED FRAME CONNECTIONS NOT DETAILED ON THE CONSTRUCTION DOCUMENTS.

5. HIGH STRENGTH BOLTS MAY BE TIGHTENED TO THE "SNUG TIGHT" CONDITION IN LIEU OF FULL PRETENSIONING, EXCEPT FOR THE FOLLOWING CONNECTIONS WHICH SHALL BE FULLY PRETENSIONED:
   A. SLIP-CRITICAL CONNECTIONS (SC) IDENTIFIED ON DRAWINGS. PROVIDE CLASS A CONTACT SURFACE FOR SLIP-CRITICAL CONNECTIONS.

6. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1, "STRUCTURAL WELDING CODE - STEEL". WELD ELECTRODES SHALL BE E70XX-LH. CONTINUOUS 3/16" FILLET WELDS ARE REQUIRED UNLESS OTHERWISE NOTED.

7. THE FABRICATION OF STRUCTURAL STEEL FRAMING SHOWN TO BE CURVED SHALL BE ACCOMPLISHED BY ROLLING IF FEASIBLE. WHERE ROLLING IS NOT FEASIBLE SUBMIT AN ALTERNATE METHOD FOR REVIEW.

8. SEE THE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL STEEL (IF ANY) NOT SHOWN ON THE STRUCTURAL DRAWINGS.

9. UNLESS OTHERWISE NOTED, THE TOP OF ALL STEEL COLUMNS SHALL HAVE A STEEL CAP PLATE. UNLESS OTHERWISE DETAILED OR NOTED, MINIMUM CAP PLATE DIMENSIONS SHALL MATCH COLUMN WIDTH AND DEPTH, AND MINIMUM THICKNESS OF CAP PLATE SHALL EQUAL COLUMN WEB THICKNESS (1/2" MIN).

10. STRUCTURAL STEEL NOTED TO BE GALVANIZED SHALL CONFORM TO ASTM A123 OR ASTM A153. GALVANIZE AFTER FABRICATION WHERE PRACTICAL. REPAIR DAMAGED GALVANIZED COATING USING ASTM A780 ZINC-RICH PAINT.

STEEL JOIST NOTES:

1. STEEL JOISTS SHALL CONFORM TO THE LATEST EDITION OF THE STEEL JOIST INSTITUTE (SJI) STANDARD SPECIFICATIONS.

2. PREPARE AND SUBMIT FOR REVIEW SHOP DRAWINGS SHOWING THE LAYOUT OF JOIST MEMBERS, SPECIAL CONNECTIONS, JOINING AND ACCESSORIES. INCLUDE MARK, NUMBER, TYPE, LOCATION AND SPACING OF JOISTS AND BRIDGING.

3. THE JOIST MANUFACTURER SHALL BE RESPONSIBLE FOR CONTINUOUS JOIST BRIDGING LINES SATISFYING THE REQUIREMENTS OF THE SJI SPECIFICATION FOR THE TOP AND BOTTOM CHORDS OF ALL STEEL JOISTS, AS WELL AS ANY ADDITIONAL BRIDGING / BRACING SHOWN ON THE DRAWINGS OR REQUIRED FOR JOISTS SUBJECTED TO NET UPLIFT OR OTHER SPECIAL LOADS. ALL REQUIRED JOIST BRIDGING SHALL BE CLEARLY INDICATED ON THE SHOP DRAWINGS. CROSS-BRIDGING IS REQUIRED AT CHANGES OF JOIST DEPTHS AND AT ENDS OF ALL BRIDGING LINES UNLESS SUCH ENDS ARE PROPERLY ANCHORED INTO INTERSECTING INTERIOR OR END WALLS. ALL BRIDGING AND BRIDGING ANCHORS SHALL BE COMPLETELY INSTALLED BEFORE PLACING OF ANY CONSTRUCTION LOADS ON THE JOISTS.

4. ROOF JOISTS SHALL BE DESIGNED FOR A NET UPLIFT LOAD INDICATED BELOW. UPLIFT LOAD BASED ON COMPONENT AND CLADDING WIND LOAD WITH 50 SQ. FOOT EFFECTIVE AREA. ROOF ZONE 3 IS 7 FOOT BY 7 FOOT CORNER AREA, ZONE 2 IS A CONTINUOUS 7 FOOT WIDE STRIP ALONG EXTERIOR WALLS (EXCLUDING AREA DEFINED AS ZONE 3) AND ZONE 1 IS ALL OTHER ROOF AREAS.
   A. ZONE 1 15 PSF
   B. ZONE 2 26 PSF
   C. ZONE 3 34 PSF
   ONE-THIRD STRESS INCREASE NOT PERMITTED FOR LOAD COMBINATIONS INVOLVING WIND PER IBC SECTION 1605.3.1.1.

5. CONCENTRATED LOADS NOT LOCATED AT JOIST PANEL POINTS SHALL BE REINFORCED PER 'TYPICAL DETAIL AT CONCENTRATED LOADS ON JOISTS'.

6. UNLESS OTHERWISE NOTED ON THE FRAMING PLANS, JOIST SEAT DEPTHS SHALL BE AS FOLLOWS:
   A. 2-1/2" DEEP SEATS AT 'K' SERIES JOISTS

STEEL DECK NOTES:

1. STEEL DECK SHALL CONFORM TO THE LATEST EDITION OF THE AMERICAN IRON AND STEEL INSTITUTE (AISI), "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" AND THE STEEL DECK INSTITUTE (SDI), "DESIGN MANUAL FOR COMPOSITE DECKS, FORM DECKS, AND ROOF DECKS."

2. STEEL DECK UNITS SHALL COMPLY WITH THE FOLLOWING:
   A. 1-1/2" ROOF DECK SHALL BE 22 GAGE PAINTED TYPE B RIB DECK SPANNING PERPENDICULAR TO SUPPORTS UNLESS OTHERWISE NOTED. ATTACH DECK TO STRUCTURAL STEEL SUPPORTS WITH 5/8" DIAMETER PUDDLE WELDS AT EVERY RIB AND ALL RIBS WHERE SIDELAPS OCCUR. FASTEN ADJACENT DECK UNITS WITH #10 SELF-TAPPING HEX HEAD SCREWS AT 1/6 POINTS BETWEEN SUPPORTS ALONG SIDELAPS AND FASTEN EDGEMOST DECK PANEL TO STEEL FRAMING WITH 5/8" DIAMETER PUDDLE WELDS AT 36/7 SPACING.
   B. 1" ROOF DECK SHALL BE 24 GAGE GALVANIZED TYPE E DECK PERPENDICULAR TO SUPPORTS UNLESS OTHERWISE NOTED. ATTACH DECK TO STRUCTURAL STEEL SUPPORTS WITH 5/8" DIAMETER PUDDLE WELDS AT EVERY OTHER RIB AND ALL RIBS WHERE SIDELAPS OCCUR. FASTEN ADJACENT DECK UNITS WITH #10 SELF-TAPPING HEX HEAD SCREWS AT 1/3 POINTS BETWEEN SUPPORTS ALONG SIDELAPS AND FASTEN EDGEMOST DECK PANEL TO STEEL FRAMING WITH 5/8" DIAMETER PUDDLE WELDS AT SAME SPACING AS SIDELAP FASTENERS.

3. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3 "STRUCTURAL WELDING CODE - SHEET STEEL". FIELD WELDS SHALL BE WIRE BRUSHED AND PRIMED PAINTED IN ACCORDANCE WITH THE SPECIFICATIONS.

4. DECK OPENINGS MEASURING GREATER THAN 12" ON ANY SIDE SHALL HAVE SUPPORTS ON ALL SIDES OF OPENING. SUPPORTS SHALL SPAN BETWEEN ADJACENT BEAMS OR JOISTS ON TWO SIDES. UNLESS OTHERWISE NOTED OR DETAILED ON THE DRAWINGS, USE 5x5x5/16" ANGLES FOR SPANS EXCEEDING 6'-0" AND 3x3x1/4" ANGLES FOR SPANS LESS THAN 6'-0". COORDINATE OPENING SIZES, LOCATIONS AND DETAILS WITH ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.

5. PERMANENT SUSPENDED LOADS SUCH AS SUSPENDED CEILINGS, LIGHT FIXTURES, DUCTS, OR OTHER UTILITIES, SHALL NOT BE SUPPORTED BY STEEL ROOF DECK.

6. DURING STEEL DECK ERECTION AND ROOFING OPERATIONS, DISTRIBUTE CONSTRUCTION LOADS TO PREVENT DAMAGE TO DECK. CONCENTRATED CONSTRUCTION LOADS OF 200 POUNDS OR LESS DISTRIBUTED OVER A 1'-0" WIDE SECTION OF DECK SHALL NOT REQUIRE ANY FURTHER DISTRIBUTION. USE WORKING PLATFORMS FOR CONCENTRATED CONSTRUCTION LOADS OF OVER 200 POUNDS, SUCH THAT THE RESULTING UNIFORM CONSTRUCTION LOAD ON THE DECK DOES NOT EXCEED 50 PSF.

7. PREPARE AND SUBMIT SHOP DRAWINGS FOR REVIEW SHOWING THE LAYOUT AND TYPES OF DECK UNITS, ANCHORAGE DETAILS AND CONDITIONS REQUIRING CLOSURE STRIPS, SUPPLEMENTARY FRAMING AND OTHER ACCESSORIES.

8. TOUCH-UP ALL SCARRED, ABRADED, AND RUST AREAS IN STEEL DECK IN ACCORDANCE WITH THE SPECIFICATIONS.

COLD-FORMED METAL FRAMING NOTES:

1. COLD-FORMED METAL FRAMING FOR THIS STRUCTURE SHALL BE DESIGNED IN ACCORDANCE WITH THE AMERICAN IRON AND STEEL INSTITUTE (AISI) "COLD-FORMED STEEL DESIGN MANUAL".

2. COLD-FORMED METAL FRAMING MEMBERS SHALL BE FORMED OF CORROSION-RESISTANT STEEL CONFORMING TO ASTM A653 WITH A MINIMUM YIELD STRENGTH OF 33 KSI FOR TRACKS AND RUNNERS AND 33 KSI.

3. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3, "STRUCTURAL WELDING CODE - SHEET STEEL".

4. COLD-FORMED METAL FRAMING MEMBERS HAVE BEEN DESIGNED FOR THE CODE REQUIRED LOADING, I.E. 5.0 PSF WIND LOAD AT FOR THE INTERIOR PARTITIONS.

5. MAXIMUM LATERAL DEFLECTION OF COLD-FORMED FRAMING MEMBERS SHALL BE DETERMINED BY THE FOLLOWING TABLE:

STUD USE	L/y RATIO (LIMIT)
BACKING UP METAL PANEL	L/240 (MANUF. RECOMMENDATION)

6. COLD-FORMED METAL FRAMING MEMBERS SHALL BE DESIGNED FOR ALL FRAMING CONDITIONS FOUND IN THE STRUCTURE, INCLUDING WALLS, CORNERS, HEADERS, AND JAMBS. SOME CONDITIONS MAY REQUIRE MODIFICATION OF COLD-FORMED FRAMING MEMBERS (SUCH AS NOTCHING OR REVISING SIZES) OR MULTIPLE STUDS TO SUPPORT INCREASED LOADS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL CONDITIONS AND DETAILS.

7. COLD-FORMED METAL FRAMING CONNECTIONS TO THE STRUCTURE SHALL BE DESIGNED FOR ALL FRAMING CONDITIONS. CONNECTIONS ARE SCHEMATICALLY SHOWN ON THE STRUCTURAL DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL CONNECTION CONDITIONS AND LOCATIONS.

ICF WALL NOTES

1. THE 28-DAY COMPRESSIVE STRENGTH OF ALL WALLS IS 3,000 PSI.

2. ALL REINFORCING STEEL TO BE ASTM A615 GRADE 60.

3. WALL CONCRETE MIX TO HAVE ¾" MAXIMUM AGGREGATE SIZE WITH 5"-6" SLUMP.

4. ALL ICF WALLS ARE 8" THICK CONCRETE WITH #4 BAR AT 16" O.C. EACH WAY, WITH VERICAL BAR WITHIN 12" OF CORNER AND HORIZONTAL BAR WITHIN 12" OF ROOF ELEVATION U.N.O.; #4 VERT. BAR @ 10" O.C. SPACING REQUIRED FOR FIRST 7'-0" FROM CORNERS

5. ALL HORIZONTAL BAR IS TO LAP 24" AT CORNERS.

6. ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.

7. USE #4, #5, OR #6 VERTICAL BAR ADJACENT TO ALL WALL OPENINGS.

8. REINFORCEMENT IN ALL CONC. WALLS & FOOTINGS SHALL BE CONTINUOUS AROUND CORNERS.

9. PROVIDE ADEQUATE BRACING AND SHORING UNTIL WALL HAS REACHED SUFFICIENT STRENGTH.

10. PROVIDE 24 BAR MINIMUM AT LAPPED SPLICES U.N.O.

STRUCTURAL ABBREVIATION LIST:

¾	WITH	K	KIPS
±	PLUS/MINUS	K.S.F.	KIPS PER SQUARE FOOT
Ø	DIAMETER	K.S.I.	KIPS PER SQUARE INCH
℄	CENTERLINE		
□	SQUARE	LG.	LONG
O.C.	ON CENTER	LLH	LONG LEG HORIZONTAL
		LLO	LONG LEG OUTSTANDING
A.B.	ANCHOR BOLT	LLV	LONG LEG VERTICAL
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	LSH	LONG SIDE HORIZONTAL
		LSV	LONG SIDE VERTICAL
ACI	AMERICAN CONCRETE INSTITUTE		
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	M.O.S.	MIDDLE OF SLAB
		M.O.W.	MIDDLE OF WALL
A.R.	ANCHOR ROD	MANUF.	MANUFACTURER or MANUFACTURER'S
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MAS.	MASONRY
		MATL.	MATERIAL
ADJ.	ADJACENT	MAX.	MAXIMUM
ARCH.	ARCHITECT or ARCHITECTURAL	MECH.	MECHANICAL
		MIN.	MINIMUM
B.	BOTTOM	MTL.	METAL
B.E.J.	BUILDING EXPANSION JOINT		
B.D.	BAR DIAMETER		
BLDG.	BUILDING	N.T.S.	NOT TO SCALE
BM.	BEAM		
BRCG.	BRACING	OPP.	OPPOSITE
BRDG.	BRIDGING		
BRG.	BEARING	P/T	POST-TENSIONED
BTWN.	BETWEEN	PAF	POWDER ACTUATED FASTENER
		P.C.	PRECAST
C.G.	CENTER OF GRAVITY	P.E.B.	PRE-ENGINEERED BUILDING
C.I.P.	CAST IN PLACE	PLF	POUNDS PER LINEAR FOOT
C.J.P.	COMPLETE JOINT PENETRATION	P.S.	PRE-STRESSED
CANT.	CANTILEVER	PSF	POUNDS PER SQUARE FOOT
CL.	CLEAR	PSI	POUNDS PER SQUARE INCH
CMU	CONCRETE MASONRY UNIT	P.T.	PRESSURE TREATED
COL.	COLUMN	Pc	PIECE
CONC.	CONCRETE	PLUMB.	PLUMBING
CONN.	CONNECT or CONNECTION	PROJ.	PROJECTION
CONT.	CONTINUOUS		
COORD.	COORDINATE	R.	RADIUS
		REF.	REFERENCE
D.	DEEP or DEPTH	REINF.	REINFORCED or REINFORCING
DBL.	DOUBLE	REQD.	REQUIRED
DET.	DETAIL	REV.	REVISION
DIA.	DIAMETER		
DIAG.	DIAGONAL	SLO	SHORT LEG OUTSTANDING
DWG.	DRAWING	S.D.I.	STEEL DECK INSTITUTE
DWL.	DOWEL	S.E.J.	SEISMIC EXPANSION JOINT
		S.J.I.	STEEL JOIST INSTITUTE
E.F.	EACH FACE	S.O.G.	SLAB ON GRADE
E.O.	EDGE OF	S.F.	STEPPED FOOTING
E.W.	EACH WAY	SCHED.	SCHEDULE
EA.	EACH	SECT.	SECTION
EL.	ELEVATION	SHT.	SHEET
ELEC.	ELECTRICAL	SIM.	SIMILAR
ELEV.	ELEVATOR or ELEVATION	S.I.R.D.A.	SLOPED INTEGRAL ROOF DECK ASSEMBLY
EMB.	EMBED or EMBEDMENT		
ENG.	ENGINEER	SL.	SLOPE
EQ.	EQUAL	SPA.	SPACE
EQUIV.	EQUIVALENT	STD.	STANDARD
EXIST.	EXISTING	STIFF.	STIFFENER
EXP.	EXPANSION	STIR.	STIRRUP
		STL.	STEEL
F.L.	FULL LENGTH	STRUCT.	STRUCTURAL
F.O.	FACE OF		
F.R.	FIRST RISER	T.	TOP
FIN.	FINISH or FINISHED	T.O.S.	TOP OF STEEL
FLR.	FLOOR	TEMP.	TEMPERATURE
FTG.	FOOTING	TYP.	TYPICAL
G.C.	GENERAL CONTRACTOR	U.O.N.	UNLESS OTHERWISE NOTED
ga	GAGE		
GALV.	GALVANIZED	VERT.	VERTICAL
GD.	GRADE		
		W.	WIDE or WIDTH
H.C.	HOLLOW CORE	W.P.	WORKING POINT
HK.	HOOK	W.W.F.	WELDED WIRE FABRIC
HORIZ.	HORIZONTAL		
J.B.E.	JOIST BEARING ELEVATION		
JT.	JOINT		

STRUCTURAL DESIGN

DESIGN LOADS:

Importance Factors: Wind (Iw): 1.0; Snow (Is): 1.0; Seismic (Ie): 1.0

Live Loads: Roof: 20 psf; Mezzanine: N/A psf; Floor: N/A psf

Ground Snow Load: 10 psf

Wind Load: Basic Wind Speed 125 mph; ASCE-7- 05; Exposure Category C

Wind Base Shears (for MWFRS)

Vx = 37.7 k

Vy = 35.4 k

SEISMIC DESIGN CATEGORY A

Compliance with Section 1616.4 only? ☐ No ☐ Yes

SEISMIC DESIGN CATEGORY B (C) D

Provide the following Seismic Design Parameters:

Seismic Use Group II

Ss 24.39%g

S_1 10.7%g

SITE CLASSIFICATION D

Basic structural system:

■ Bearing wall ☐ Dual w/Special Moment Frame

☐ Building frame

☐ Moment Frame ☐ Dual w/ Intermediate R/C or Special Steel

☐ Inverted Pendulum

Seismic base shear: Vx = 108 k; Vy = 108 k

Analysis Procedure: ☐ Simplified ■ Equivalent Lateral Force ☐ Modal

Architectural, Mechanical, Components anchored?

☐ N/A ☐ No ■ Yes

LATERAL DESIGN CONTROL:

■ Earthquake ☐ Wind

SOIL BEARING CAPACITIES:

Field Test (provide copy of test report) _____ psf

Presumptive Bearing Capacity 2000 psf

Pile size, type, and capacity NA

t ma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

SCOPE DOCUMENT

This drawing indicates the general scope of the project in terms of the architectural design concept, building dimensions and an outline of major architectural elements of construction. As a scope document, this drawing does not necessarily indicate or describe all work required for the project's full performance and completion. Contractors, Sub-Contractors and Suppliers shall be responsible for providing and installing all items indicated, implied or required by local codes, without adjustment to Contract Price.

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ACE Solutions, Inc.
Construction Engineering Services
Business License # C-3421
Kevin R. Adams, P.E. 930 Graves Street, Suite C
Phone: 336-993-5114 Kernersville, NC 27284

DEVELOPER/CONTRACTOR:

Construction Managers, Inc.
Design–Build Management
Fremont, NC www.constructionman.com 919-242-4600

CONSTRUCTION MANAGERS, INC
P.O. BOX 1138
FREMONT, NC 27830
t 919.242.4600
f 919.869.2080

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NORTH CAROLINA PROFESSIONAL ENGINEER 37221 10-31-14 KEVIN R. ADAMS

JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NC
28546

ONSLOW COUNTY

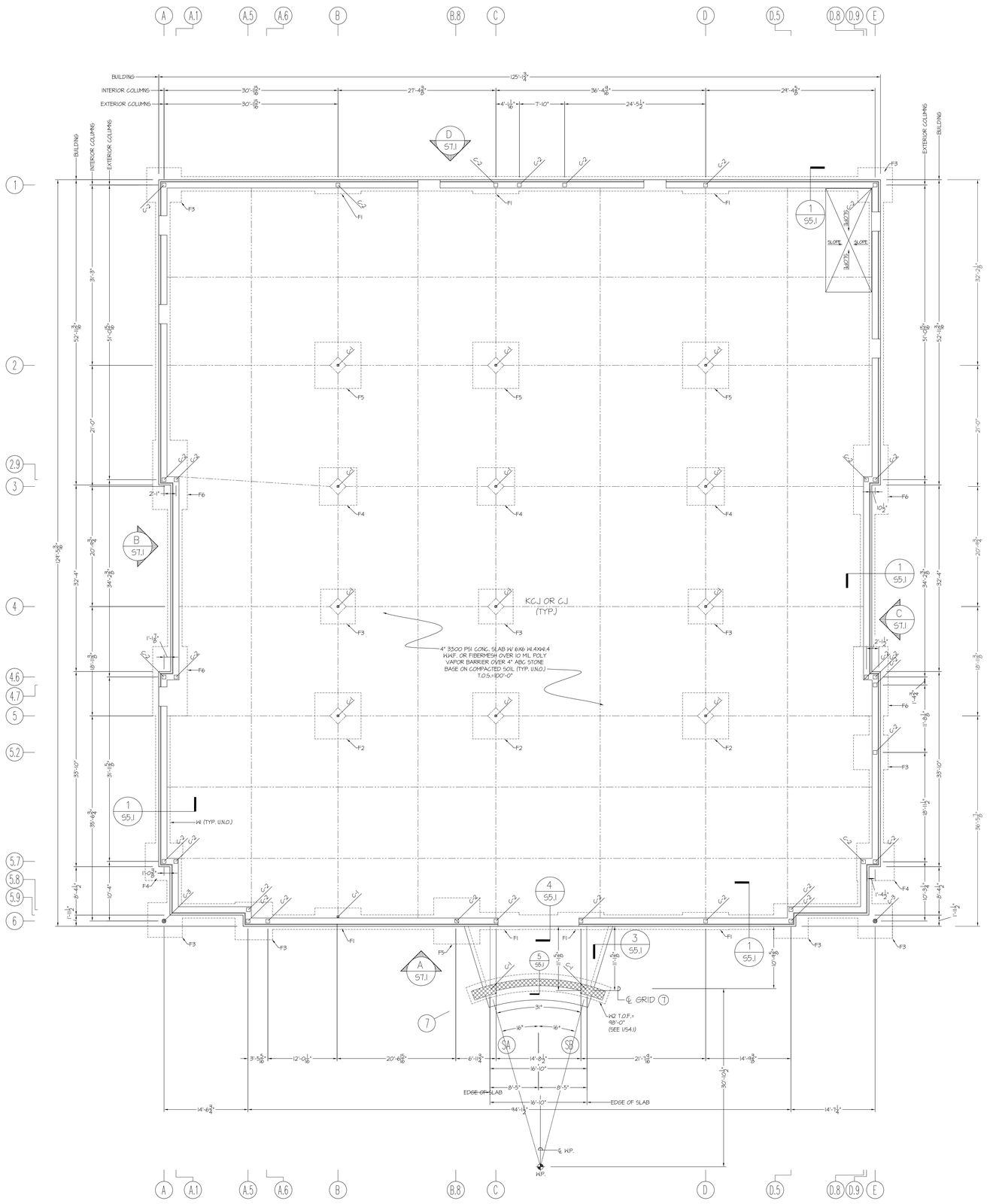
Issue	Date	Description

Date:	OCTOBER 31, 2014
Project No.:	14082
Drawn By:	EW
Checked By:	KA
CADD Drawing:	

GENERAL NOTES

S1.1

Sheet ____ of _____



FOUNDATION PLAN

1/8" = 1'-0"

FOUNDATION PLAN LEGEND :

- KGJ = SLAB-ON-GRADE KEYED CONSTRUCTION JOINT - SEE TYPICAL DETAIL ON SHEET S4.1
- CJ = SLAB-ON-GRADE CONTROL JOINT - SEE TYPICAL DETAIL ON SHEET S4.1
- = INDICATES SLAB-ON-GRADE JOINT (CONTROL JOINT UNLESS OTHERWISE REQUIRED)
- WF X.X = WALL FOOTING MARK - SEE SCHEDULE ON THIS SHEET
- CF X.X = COLUMN FOOTING MARK - SEE SCHEDULE ON THIS SHEET
- SF = STEPPED FOOTING - SEE TYPICAL DETAIL ON SHEET S4.1
- (-X'-X") = INDICATES TOP OF FOOTING ELEVATION - MEASURED FROM REFERENCE ELEVATION 0'-0"
- (X) = COLUMN GRID MARK
- C-X = COLUMN MARK - SEE COLUMN SCHEDULE ON THIS SHEET
- W.P. = WORKING POINT
- = SANITARY OR STORM SEWER PIPING BELOW SLAB - COORDINATE WITH PLUMB. DWGS. (PIPING PARTIALLY SHOWN, SEE PLUMB. DWGS. FOR ADDITIONAL PIPING NOT SHOWN)

FOUNDATION PLAN NOTES :

A. ACTUAL FINISHED FIRST FLOOR ELEVATION SHALL BE AS SHOWN ON THE CIVIL DRAWINGS FOR THE PROJECT SITE SERVE AS THE REFERENCE ELEVATION 0'-0".

B. FLOOR SLAB SHALL BE A 4" THICK FIBRILLATED SYNTHETIC FIBER REINFORCED CONCRETE SLAB-ON-GRADE, OVER 10 MIL. VAPOR BARRIER OVER 4" DEPTH OF POROUS FILL. FIBERS SHALL BE FIBERMESH 300 AS MANUFACTURED BY SI CONCRETE SYSTEMS AT ADOSAGE RATE OF 1-1/2 POUNDS PER CUBIC YARD.

C. TOP OF ALL FOOTINGS (T.O.F.) SHALL BE A MINIMUM OF 1'-4 3/4" BELOW FINISHED GRADE UNLESS OTHERWISE NOTED.

D. FOR DIMENSIONS NOT SHOWN AND LOCATIONS OF MASONRY CONTROL JOINTS SEE THE ARCHITECTURAL DRAWINGS.

E. UNLESS OTHERWISE NOTED, FOOTINGS SHALL BE CENTERED ON TOTAL WIDTH OF THE FOUNDATION WALL.

F. 2 - #4 x 3'-0" SPACED AT 2" O.C., MIDDLE OF SLAB AT RE-ENTRANT CORNERS WHERE NO SLAB JOINT OCCURS.

G. WIDEN FOOTING TO ACCOMMODATE WALL ABOVE - REINFORCE WITH #4 AT 12" O.C. PERPENDICULAR TO MAIN FOOTING REINFORCING AND 1 - #4 TIE AT EDGE. EDGE OF FOOTING SHALL PROJECT 6" MINIMUM FROM FACE OF WALL ABOVE.

H. FOR STRUCTURAL NOTES SEE SHEET S1.1 FOR COLUMN SCHEDULE SEE THIS SHEET.

I. PRESUMED SOIL BEARING PRESSURE=2,000 PSF.

J. COMPACTION NOTES:
1. COMPACT IN LAYERS LESS THAN 8"
2. 95% PROCTOR DENSITY (100% PROCTOR DENSITY AT TOP 12" OF SUBGRADE)

K. 24" WIDE R-15 RIGID BOARD INSUL. REQUIRED @ PERIMETER

L. BRICK STEEL LINTEL TO HAVE 8" MINIMUM BEARING

COLUMN SCHEDULE

MARK	SIZE	CAP/BASE PLATE TYPE	REMARKS
C-1	4x4x3/8" HTS	II , I	Fy=46 KSI
C-2	8"X8" CONC. COL.		(4)#8 VERT. BAR W/ #3 TIES @ 8" O.C.
C-3	8"Φ STD. WT. PIPE	III	Fy=42 KSI

COLUMN SCHEDULE NOTES:

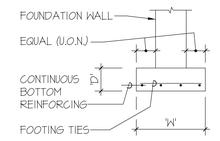
1. SEE SHEET S4.1 FOR COLUMN PLATE DETAILS.

COLUMN FOOTING SCHEDULE

MARK	SIZE (SQUARE U.N.O.)	DEPTH	REINFORCING (BOTTOM)
F1	8'-0"X3'-0"	12"	4 - #5 LONG DIR. & 8 - #5 SHORT DIR.
F2	8'-0"	18"	6 - #5 EACH WAY TOP & BOTTOM
F3	6'-0"	12"	6 - #5 EACH WAY
F4	6'-6"	12"	7 - #5 EACH WAY
F5	8'-0"	16"	9 - #5 EACH WAY
F6	6'-0"X12'-0"	12"	6 - #5 LONG DIR. & 12 - #5 SHORT DIR.

WALL FOOTING SCHEDULE

MARK	WIDTH 'W'	DEPTH 'D'	REINFORCING (BOTTOM U.O.N.)	
			CONTINUOUS	TIES
W1	2'-6"	12"	4 - #4	#4 AT 2'-8" O.C.
W2	3'-0"	12"	5 - #4	#4 AT 2'-0" O.C.



WALL FOOTING DIAGRAM

CAST-IN-PLACE CONCRETE REINFORCING BAR LAP SPLICE SCHEDULE

BAR SIZE Fy = 60 KSI	TENSION BARS														COMP. BARS
	f'c = 3000 PSI				f'c = 3500 PSI				f'c = 4000 PSI				f'c = 5000 PSI		f'c = ALL
	REGULAR CLASS		TOP CLASS		REGULAR CLASS		TOP CLASS		REGULAR CLASS		TOP CLASS		REGULAR CLASS		TOP CLASS		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
#3	17"	22"	22"	28"	16"	21"	21"	26"	15"	19"	19"	25"	13"	17"	17"	22"	12"
#4	22"	29"	29"	38"	21"	27"	27"	36"	19"	25"	25"	33"	17"	23"	23"	29"	15"
#5	28"	36"	36"	47"	26"	34"	34"	44"	24"	31"	31"	41"	22"	28"	28"	36"	19"
#6	33"	43"	43"	56"	31"	40"	40"	52"	29"	37"	37"	48"	26"	34"	34"	44"	23"
#7	48"	63"	63"	81"	45"	54"	54"	75"	42"	54"	54"	71"	38"	49"	49"	63"	27"
#8	55"	72"	72"	93"	51"	67"	67"	87"	48"	62"	62"	81"	43"	56"	56"	72"	30"
#9	62"	81"	81"	105"	58"	75"	75"	98"	54"	70"	70"	91"	48"	63"	63"	81"	34"
#10	70"	91"	91"	118"	65"	85"	85"	110"	61"	79"	79"	102"	54"	71"	71"	92"	38"
#11	78"	101"	101"	131"	73"	94"	94"	122"	67"	87"	87"	114"	60"	78"	78"	102"	43"

NOTES: THESE NOTES SHALL BE USED FOR ALL SPLICES, UNLESS NOTED OTHERWISE ON DRAWINGS.

1. TOP BARS ARE HORIZONTAL BARS, SPLICED SO THAT 12" OR MORE OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE REINFORCING BAR.
2. CLASS A SPLICES MAY BE USED ONLY WHEN 50% OR LESS OF THE BARS ARE SPLICED WITHIN THE LAP SPLICE LENGTH.
3. CLASS B SPLICES SHALL BE USED FOR ALL SPLICES IN SLABS, BEAMS, JOISTS, WALLS, MOMENT RESISTING COLUMNS, AND JAMB COLUMNS, UNLESS THEY MEET THE REQUIREMENTS OF NOTE #2 ABOVE.
4. TIES AND STIRRUPS SHALL NOT BE SPLICED UNLESS APPROVED BY THE ENGINEER OF RECORD. ROUND COLUMN TIES MAY BE SPLICED USING CLASS A LAPS.
5. FOR ALL LIGHTWEIGHT CONCRETE, LAP LENGTHS SHALL BE MULTIPLIED BY 1.3.
6. THE BAR LAP SPLICE LENGTHS SHALL BE MULTIPLIED BY 1.5 WHEN EITHER OF THE FOLLOWING IS TRUE:
   A. CLEAR SPACING OF BARS BEING DEVELOPED IS LESS THAN ONE BAR DIAMETER, CLEAR COVER IS LESS THAN ONE BAR DIAMETER AND STIRRUPS OR TIES ALONG THE LENGTH OF THE SPLICE ARE LESS THAN THE CODE MINIMUM.
   B. CLEAR SPACING OF BARS BEING DEVELOPED IS LESS THAN 2 BAR DIAMETERS AND CLEAR COVER IS LESS THAN ONE BAR DIAMETER.

t ma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

SCOPE DOCUMENT

This drawing indicates the general scope of the project in terms of the architectural design concept, building dimensions and an outline of major architectural elements of construction. As a scope document, this drawing does not necessarily indicate or describe all work required for the project's full performance and completion. Contractors, Sub-Contractors and Suppliers shall be responsible for providing and installing all items indicated, implied or required by local codes, without adjustment to Contract Price.

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ACE Solutions, Inc.
Construction Engineering Services
Business License # C-3421
Kevin R. Adams, P.E. 930 Graves Street, Suite C
Phone: 336-993-5114 Kernersville, NC 27284

DEVELOPER/CONTRACTOR:

Construction Managers, Inc.
Design-Build Management
Fremont, NC www.constructionman.com 919-242-4600

CONSTRUCTION MANAGERS, INC
P.O. BOX 1138
FREMONT, NC 27830
t 919.242.4600
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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 17224 KEVIN R. ADAMS 10-31-14

JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NC
28546

ONSLOW COUNTY

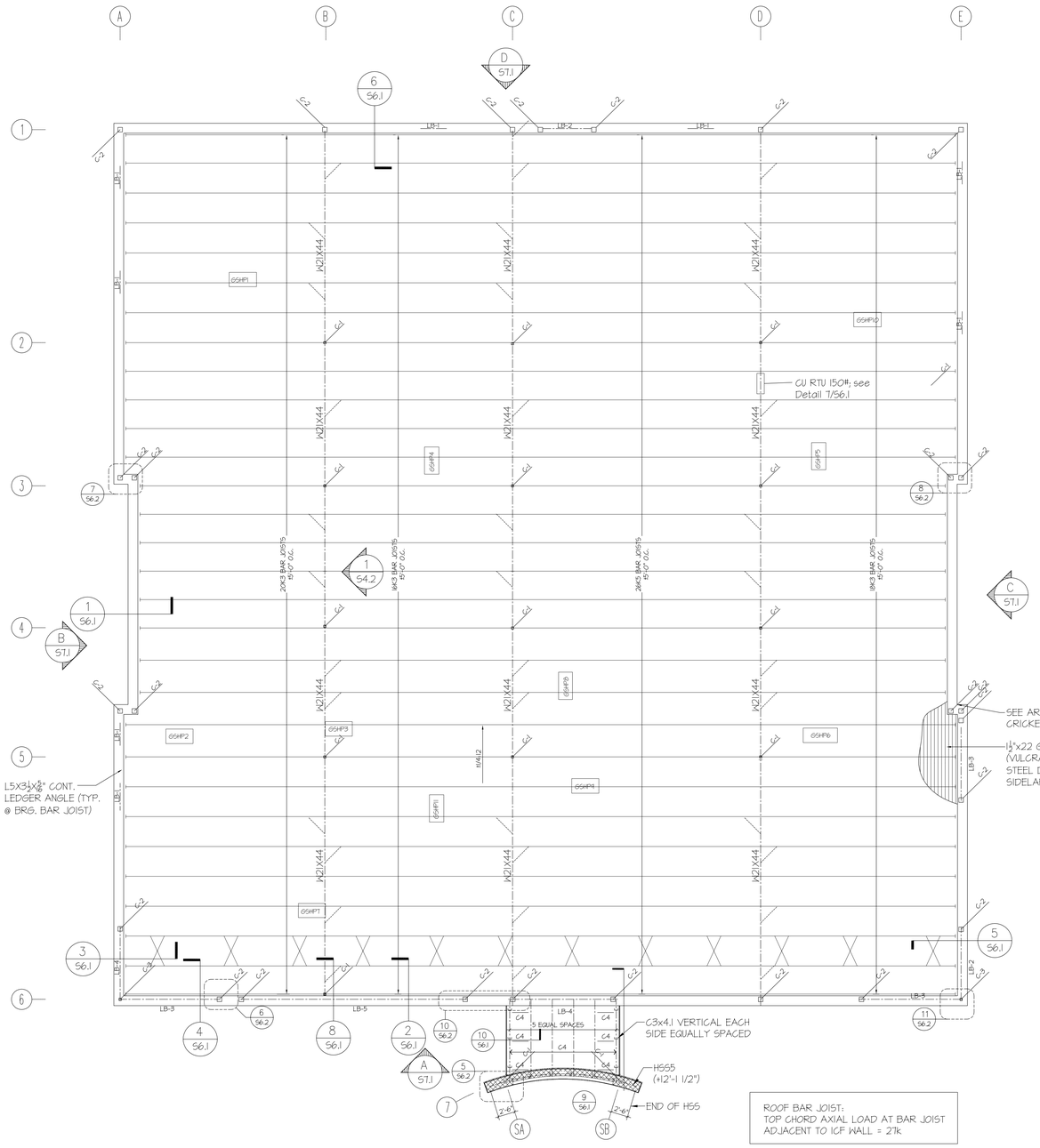
Issue	Date	Description

Date:	OCTOBER 31, 2014
Project No.:	14082
Drawn By:	EW
Checked By:	KA
CADD Drawing:	

FOUNDATION PLAN

S2.1

Sheet ____ of _____



ROOF FRAMING PLAN

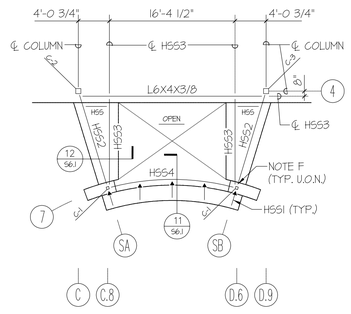
1/8" = 1'-0"

LINTEL BEAM SCHEDULE

MARK	SIZE (DEPTH)	REMARKS	STIRRUP SIZE & SPACING
LB-1	1'-4"	1 #5 CONT. HORIZ.	#4 REBAR @ 2'-0" O.C.
LB-2	2'-8"	2 #5 CONT. HORIZ.	#5 REBAR @ 2'-0" O.C.
LB-3	4'-0"	4 #5 CONT. HORIZ.	#5 REBAR @ 1'-4" O.C.
LB-4	5'-4"	5 #5 CONT. HORIZ. OR 3 #6 CONT. HORIZ.	#5 REBAR @ 1'-0" O.C.
LB-5	7'-4"	4 #6 CONT. HORIZ.	#5 REBAR @ 1'-0" O.C.

GSHP WEIGHTS

MODEL NUMBER (S)	WEIGHT (LBS)
GSHP4 GSHP7 GSHP8 GSHP10 GSHP11	295
GSHP1 GSHP2 GSHP5	375
GSHP6	380
GSHP3 GSHP9	420



FRAMING PLAN NOTES :

A. SEE FOUNDATION PLAN ON SHEET S2.1 AND THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN. SEE THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF MASONRY CONTROL JOINTS.

B. FOR JOIST BEARING ELEVATIONS NOT SHOWN ON PLAN INTERPOLATE LINEARLY BETWEEN GIVEN ELEVATIONS.

C. ROOF JOISTS AND OTHER ROOF DECK SUPPORTS SHALL BE SPACED EQUALLY BETWEEN GIVEN LOCATIONS, WITH A MAXIMUM SPACING OF 5'-0" ON CENTER UNLESS OTHERWISE NOTED).

D. FOR STRUCTURAL NOTES SEE SHEET S1.1. FOR COLUMN SCHEDULE SEE SHEET S2.1.

E. PROVIDE 2 - 4"ø HOLES 12" APART, CENTERED ON THE LENGTH OF THE BEAM AND MID HEIGHT OF THE BEAM FOR CANOPY RAIN LEADERS. COORDINATE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS.

F. BEVEL AS REQUIRED AND WELD ALL AROUND WITH 1/4" WELD.

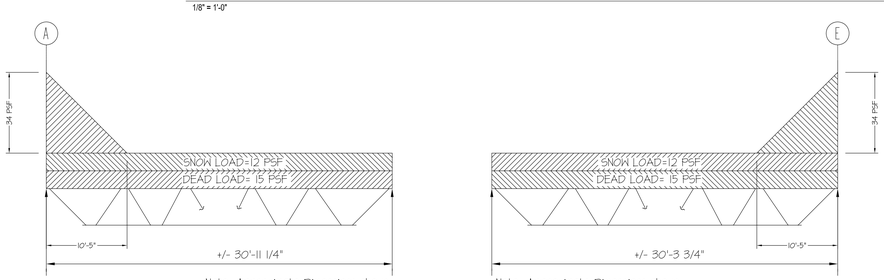
G. ROOF BEAMS REQUIRE 4" MIN. BEARING ON CONCRETE COLUMNS.

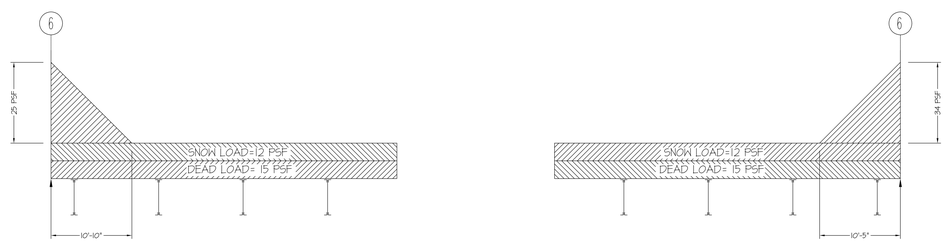
FRAMING PLAN LEGEND :

- [+XX'-XX"] = JOIST BEARING ELEVATION (J.B.E) - MEASURED FROM REFERENCE ELEVATION 0'-0"
- (+XX'-XX") = TOP OF STEEL (T.O.S.) ELEVATION - MEASURED FROM REFERENCE ELEVATION 0'-0" (HI = HIGH; LO = LOW; SL = SLOPE)
- = JOIST TO COLUMN CONNECTION - SEE TYPICAL DETAIL ON SHEET S4.2
- = INDICATES DIAGONAL BRACE TO BEAM BOTTOM FLANGE - SEE TYPICAL DETAIL ON SHEET S4.2
- = CANTILEVER BEAM TO COLUMN CONNECTION - SEE TYPICAL DETAIL ON SHEET S4.2
- = INDICATES DRAG STRUT CONNECTION - USE 7/8 A325-SC 'SLIP CRITICAL' BOLTS WITH 'TYPICAL WEB PLATE CONNECTION DETAILS' ON SHEET S4.2
- = INDICATES MOMENT CONNECTION - SEE SECTION 5/S3.1
- = INDICATES CHANGE IN ROOF ELEVATION - SEE ARCH. DWGS.
- [XXX#] = MECHANICAL UNIT HUNG BELOW ROOF JOIST - MAXIMUM OPERATING WEIGHT GIVEN IN POUNDS, COORDINATE WITH MECHANICAL DRAWINGS AND FINAL DESIGNED
- (X) = COLUMN GRID MARK
- ⊗ = SPECIAL CONNECTION MARK - SEE DETAILS ON SHEET S4.2
- BF = BRACED FRAME - SEE FRAMING ELEVATIONS ON SHEET S7.1 FOR ADDITIONAL INFORMATION
- HSS = HSS 2 1/2 x2 1/2x 1/4
- HSS1 = HSS 4x2x1/4 (LSV) OUTRIGGER
- HSS2 = HSS 5x4x1/4 (LSV) (+8'-8")
- HSS3 = HSS 6x4x1/4 (LSV) (+8'-8")
- HSS4 = HSS 6x4x1/4 (LSV) CURVED B.O.S. = +8'-2"
- HSS5 = HSS 8x4x1/4 (LSV) CURVED
- C4 = C4x5.4
- C8 = C8x11.4
- B.O.S. = BOTTOM OF STEEL
- = BAR JOIST BRIDGING (SEE BAR JOIST DRAWINGS FOR DETAILS)
- = L2x2x3/16 FLANGE BRACE (SEE DETAIL SHEET S4.2)

NET WIND UPLIFT
a=7'
FIELD=15 PSF
PERIMETER=26 PSF
CORNER=34 PSF

NOTE: SEE MECHANICAL & ELECTRICAL PLANS FOR EXACT SIZE & LOCATIONS OF MECHANICAL UNITS, I.E. GHSP, AND CABLE TRAYS, ETC.





DRIFTING SNOW LOADS

NO SCALE

t ma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

SCOPE DOCUMENT

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ACE Solutions, Inc.
Construction Engineering Services
Business License # C-3421
Kevin R. Adams, P.E. 930 Graves Street, Suite C
Phone: 336-993-5114 Kernersville, NC 27284

DEVELOPER/CONTRACTOR:

Construction Managers, Inc.
Design-Build Management
Fremont, NC www.constructionman.com 919-242-4600

CONSTRUCTION MANAGERS, INC
P.O. BOX 1138
FREMONT, NC 27830
t 919.242.4600
f 919.869.2080

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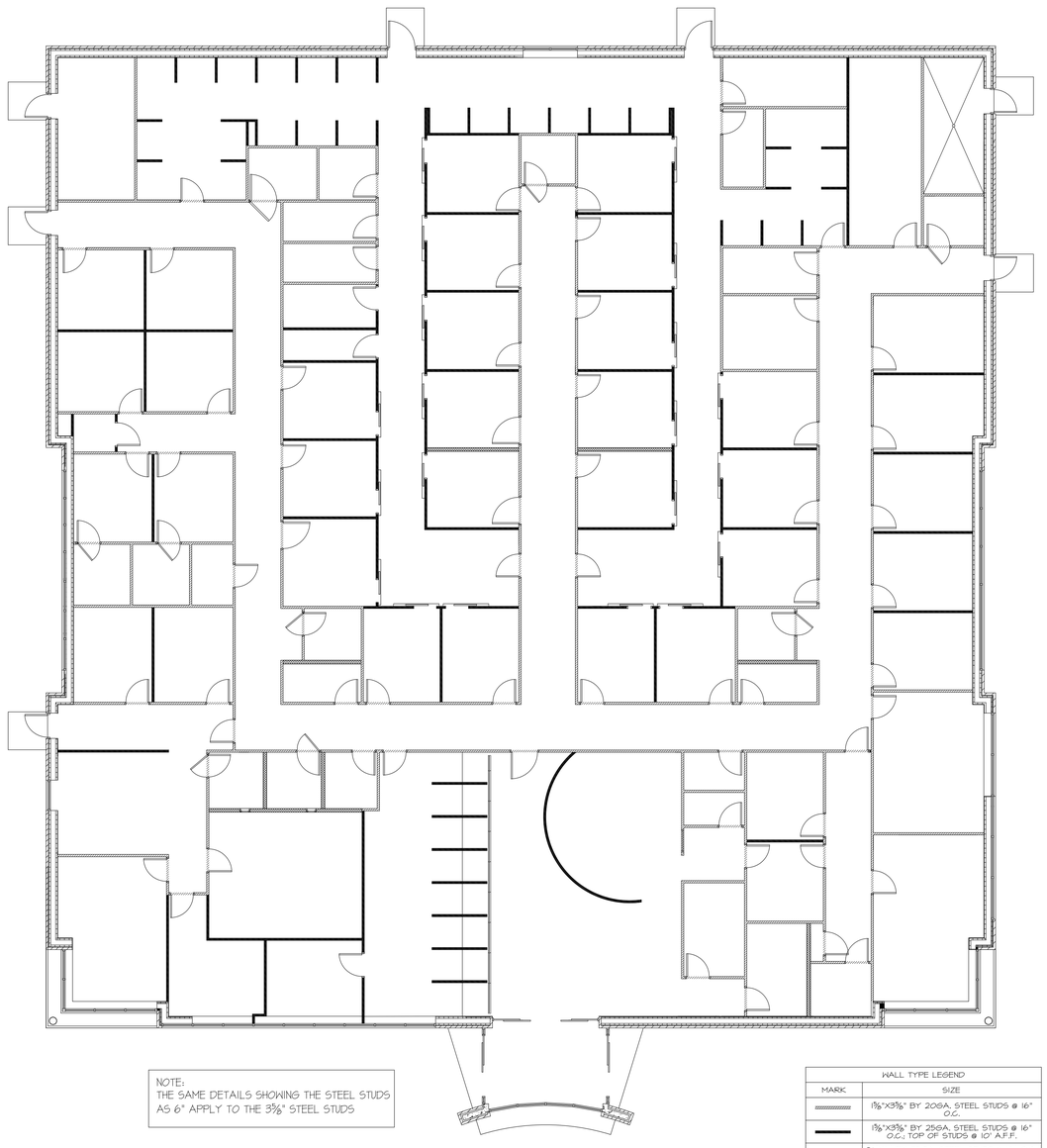
Issue	Date	Description

Date:	OCTOBER 31, 2014
Project No.:	14082
Drawn By:	EW
Checked By:	KA
CADD Drawing:	

ROOF FRAMING PLAN

S3.1

Sheet ____ of _____

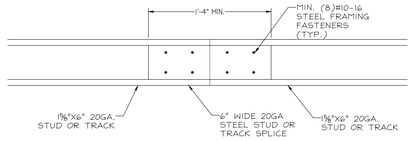


NOTE:
THE SAME DETAILS SHOWING THE STEEL STUDS AS 6" APPLY TO THE 3⅝" STEEL STUDS

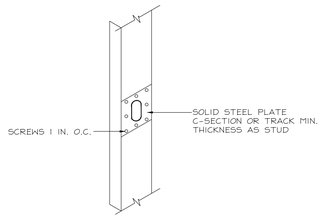
WALL TYPE LEGEND	
MARK	SIZE
	1⅝"X3⅝" BY 20GA. STEEL STUDS @ 16" O.C.
	1⅝"X3⅝" BY 25GA. STEEL STUDS @ 16" O.C.; TOP OF STUDS @ 10' A.F.F.
	1⅝"X6" BY 25GA. STEEL STUDS @ 16" O.C.; TOP OF STUDS @ 10' A.F.F.

INTERIOR PARTITION WALLS STEEL STUD FRAMING PLAN

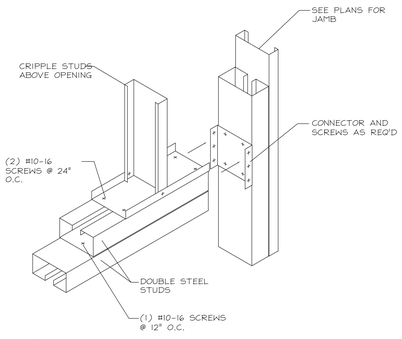
1/8" = 1'-0"



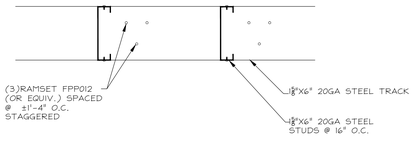
3 / S3.2 TRACK SPLICE DETAIL
N.T.S.



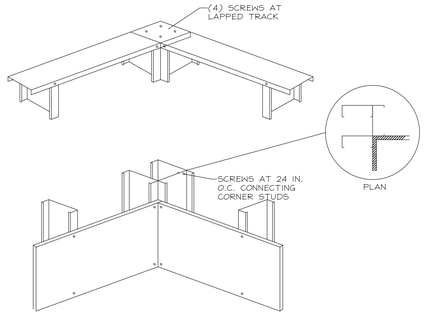
4 / S3.2 HOLE PATCH DETAIL
N.T.S.



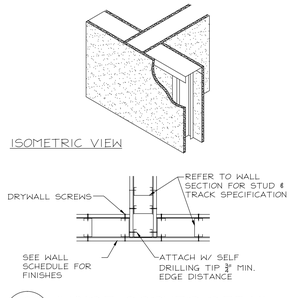
5 / S3.2 INTERIOR HEADER DETAIL
N.T.S.



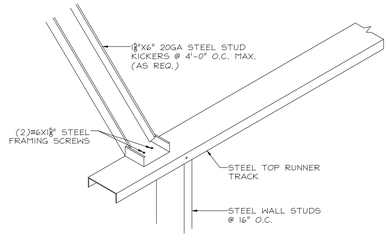
6 / S3.2 TYPICAL BASE ATTACHMENT DETAIL
N.T.S.



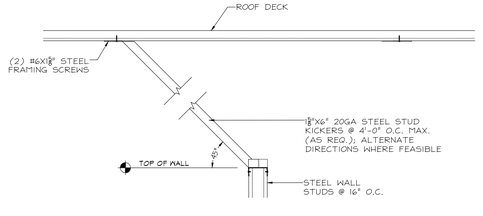
1 / S3.2 CORNER DETAILS
N.T.S.



2 / S3.2 INSIDE CORNER DETAIL
N.T.S.



7 / S3.2 SUGGESTED KICKER BRACING DETAIL
N.T.S.



8 / S3.2 SUGGESTED KICKER BRACING DETAIL
N.T.S.

STEEL STUD NOTES

1. All exterior studs shall be a minimum 1-5/8" by 3 5/8" or 6" with a 1/2" return lip. Studs shall have a minimum uncoated base metal thickness of 20 GA., 0.034 inch thickness (U.N.O.) and shall be of the following grade of structural quality steel: ASTM C 955. Maximum deflection of interior wall framing of L/240 at 5 psf.
2. Use 33 ksi minimum yield strength steel, the metal is continuously dimpled, and effective thickness is at least twice the base metal thickness, and maximum stud heights are determined by tested in accordance with ASTM E 72 using assemblies specified by ASTM C 754.
3. Allow for minimum movement of ¾ inch.
4. All exterior tracks shall be a minimum 1-1/4" and of the same thickness material as the studs.
5. Screws used to attach the sheathing shall have a minimum head diameter of 0.292" with countersunk heads in accordance with SAE J78. Sheathing screws may have a minimum edge distance of 3/8" and shall be installed at 6" o.c. around the perimeter and 12" o.c. along framing member within the field of the panel.
6. Screws in all connections shall be of sufficient length to penetrate through the cold-formed steel-framing member by at least three exposed threads. Framing screws shall be as a minimum in accordance with SAE J78 and shall have a coating in accordance with ASTM A153. All screws shall have a minimum edge distance and spacing of 0.5 inch. They shall be self-drilling tapping screws.
7. Gypsum board shall be applied perpendicular to the studs with no. 6 screws in accordance with ASTM C 954 at 7" o.c. maximum along all framing members. All board end joints must be staggered.
8. Vertical and diagonal members in braced bays shall be anchored such that the bottom track is not required to resist uplift by bending in the track web. Both flanges of all studs to be braced by the sheathing material.
9. See project specifications by the Architect for all requirements.
10. Holes in structural members shall not exceed 1.5" in width by 4" in length. Holes shall be permitted only along the centerline of the web of the framing member. Such holes shall not be less than 24" o.c. and shall not be located less than 10" from the edge of hole to the end of the member unless it is patched. Such patches shall consist of either a solid steel plate, c-section or track section. The patch material shall be at least the same thickness as the member it is patching and shall extend at least 1" beyond all edges of the hole. The patch shall be attached using no. 8 screws at a maximum of 1" o.c. around the hole maintaining a minimum edge distance of 1/2". Flanges and lips of any structural member shall not be cut or notched.
11. A minimum of three studs is required at all corners with top tracks lapped at corners and fastened with 4 screws.
12. Exterior walls with architectural metal panel cladding, maximum horizontal deflection under wind load of 1/240 of span, normal to plane of wall.
13. Design non-axial load-bearing framing to accommodate not less than ¾" vertical deflection.

t ma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438

tel 336-282-7171

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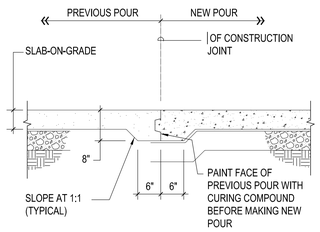
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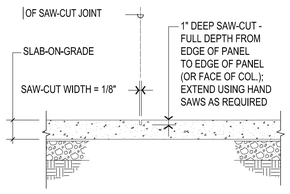
STEEL STUD FRAMING PLAN

S3.2

Sheet ____ of _____

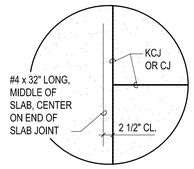


KEYED CONSTRUCTION JOINT (KCJ)



CONTRACTOR HAS THE OPTION TO FORM CONTROL JOINTS USING PREMOLDED PLASTIC, HARDBOARD OR FIBERBOARD STRIPS.

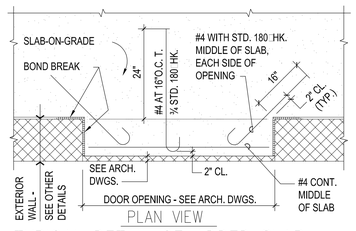
CONTROL JOINT (CJ)



PLAN AT DISCONTINUOUS SLAB JOINT

TYPICAL SLAB-ON-GRADE DETAILS

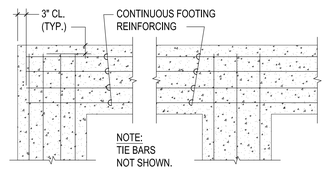
NOT TO SCALE



PLAN VIEW

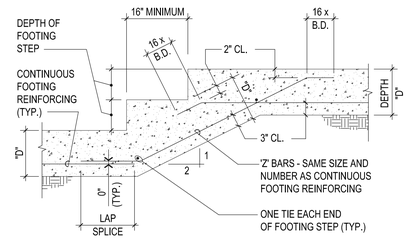
TYPICAL DETAIL OF ADDED SLAB REINFORCING AT EXTERIOR DOORS

NOT TO SCALE



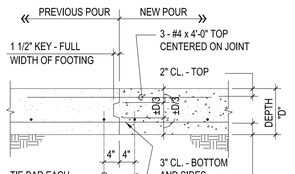
TYPICAL DETAIL AT FOOTING CORNERS AND INTERSECTIONS

NOT TO SCALE



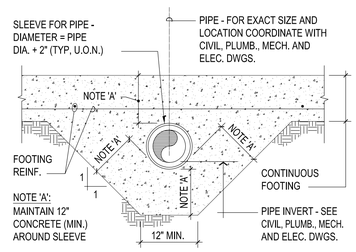
TYPICAL STEPPED FOOTING DETAIL

NOT TO SCALE



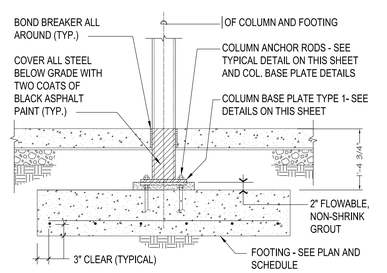
TYPICAL CONCRETE FOOTING CONSTRUCTION JOINT DETAIL

NOT TO SCALE



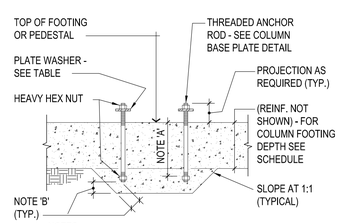
TYPICAL PIPE SLEEVE UNDER CONTINUOUS FOOTING DETAIL

NOT TO SCALE



TYPICAL COLUMN AND FOOTING DETAIL

NOT TO SCALE

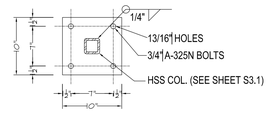


NOTES:
A) EMBEDMENT - SEE COLUMN BASE PLATE DETAIL
B) DEEPEN FOOTING AS INDICATED AT ANCHOR RODS TO PROVIDE 3" MINIMUM COVERAGE

PLATE WASHER TABLE	
ANCHOR ROD DIAMETER	DIMENSIONS
3/4"	1/4" x 2" SQ.
7/8"	5/16" x 2 1/2" SQ.
1"	3/8" x 3" SQ.
1 1/4"	1/2" x 3" SQ.
1 1/2"	1/2" x 3 1/2" SQ.
1 3/4"	5/8" x 4" SQ.
2"	3/4" x 5" SQ.
2 1/2"	7/8" x 5 1/2" SQ.

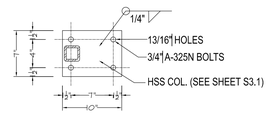
TYPICAL COLUMN ANCHOR ROD DETAIL

NOT TO SCALE



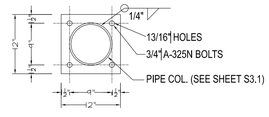
TYPE 1

PL3/4x10x10 WITH 3/4"ϕ A-325N BOLTS



TYPE 1I

PL3/4x7x10 WITH 3/4"ϕ A-325N BOLTS

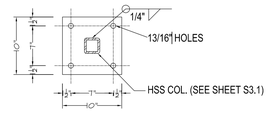


TYPE 1II

PL3/4x12x12 WITH 3/4"ϕ A-325N BOLTS

COLUMN CAP PLATE DETAIL

NOT TO SCALE

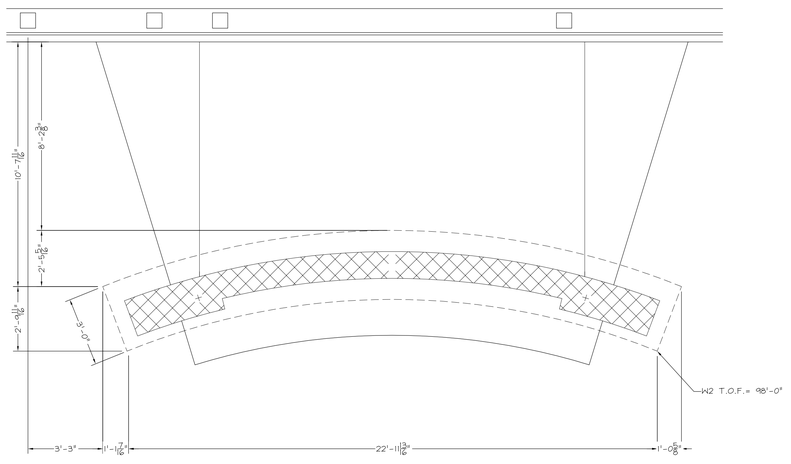


TYPE 1

PL3/4x10x10 WITH 4 - 3/4"ϕ A-36 ANCHOR RODS (9" EMB.)

COLUMN BASE PLATE DETAIL

NOT TO SCALE



1 S4.1 ENLARGED FOUNDATION & ENTRY

3/8" = 1'-0"

t ma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 17224 10-31-14 KEVIN R. ADAMS

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4006 HENDERSON DRIVE
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ONSLOW COUNTY

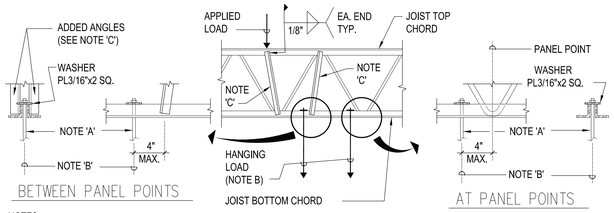
Issue	Date	Description

Date:	OCTOBER 31, 2014
Project No.:	14082
Drawn By:	EW
Checked By:	KA
CADD Drawing:	

FOUNDATION DETAILS

S4.1

Sheet ____ of _____



NOTES:

A) HANGER RODS - SEE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.

B) POSITION HANGER RODS ON JOIST CENTERLINE BETWEEN BOTTOM CHORD ANGLES. "C" CLAMP CONNECTIONS ARE NOT ALLOWED.

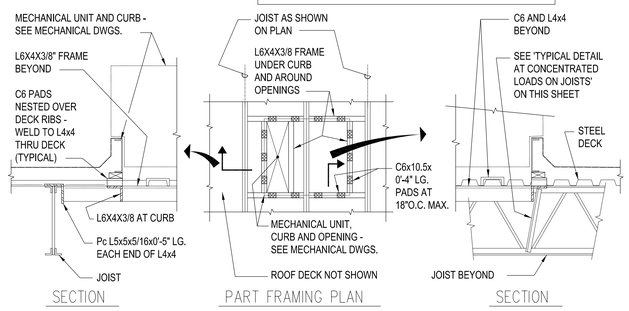
C) WHERE CONCENTRATED LOADS ARE APPLIED TO TOP CHORDS OR HUNG FROM BOTTOM CHORDS BETWEEN PANEL POINTS REINFORCE JOIST WITH DOUBLE ANGLES AS INDICATED. AT "K" SERIES PROVIDE DBL. L1x1xÊ.

TYPICAL DETAIL AT CONCENTRATED LOADS ON JOISTS

NOT TO SCALE

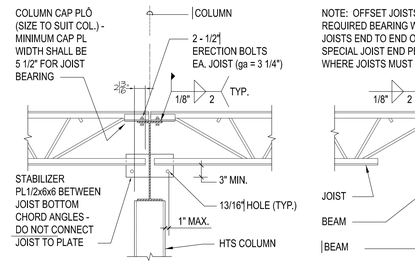
NOTE: THIS DETAIL IS FOR ALL LOADS WHICH EXCEED 50 POUNDS

MECHANICAL UNITS ARE SHOWN HUNG FROM THE STRUCTURE. UTILIZE DETAIL IF ROOF TOP UNITS ARE INSTALLED.



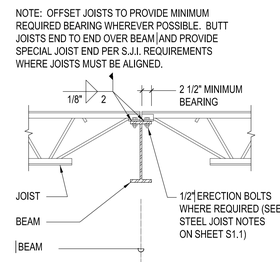
TYPICAL ROOF TOP MECHANICAL UNIT SUPPORT DETAIL

NOT TO SCALE



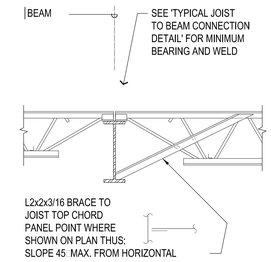
TYPICAL ROOF JOIST TO COLUMN CONNECTION DETAIL

NOT TO SCALE



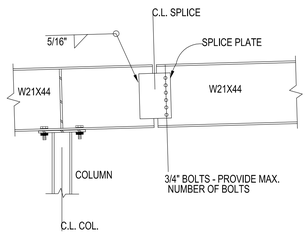
TYPICAL JOIST TO BEAM CONNECTION DETAIL

NOT TO SCALE



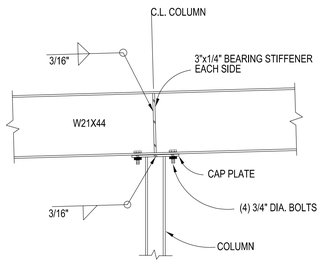
TYPICAL BEAM BOTTOM FLANGE BRACE DETAIL

NOT TO SCALE



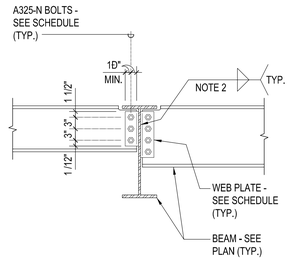
1 S4.2 BEAM SPLICE DETAIL

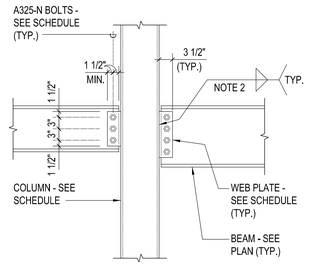
NOT TO SCALE



2 S4.2 BEAM / COLUMN DETAIL

NOT TO SCALE





TYPICAL BOLTED WEB PLATE CONNECTION DETAILS

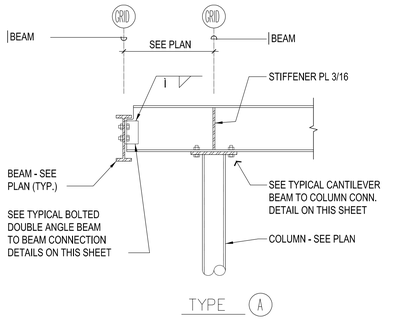
NOT TO SCALE

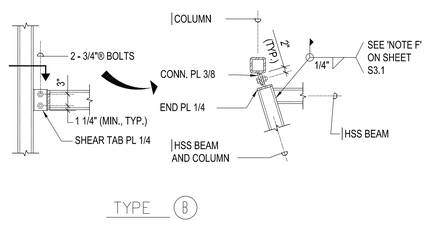
WEB PLATE CONNECTION NOTES:

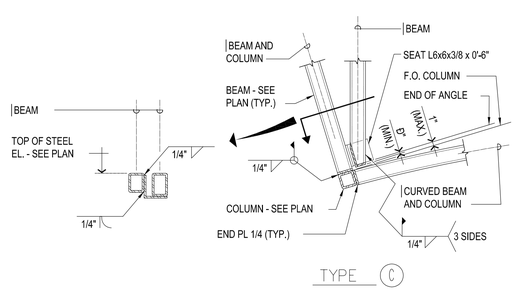
1. BOLT EDGE DISTANCE SHALL BE 1 1/2" MIN. AT ALL EDGES. BOLT SPACING SHALL BE 3" MIN.
2. FILLET WELDS SHALL BE 3/4 OF THE PLATE THICKNESS (1/4" MIN.) EACH SIDE.
3. THICKNESS EQUALS FLANGE THICKNESS OF BEAM FRAMING INTO COLUMN WEB (3/8" MIN.).

WEB PLATE CONNECTION SCHEDULE

MAXIMUM BEAM SIZE IN EACH BEAM DEPTH GROUP	WEB PLATE THICKNESS	A325-N BOLTS	
		QUANTITY	SIZE
W10	3/8"	2	3/4"Ø
W12	3/8"	3	3/4"Ø
W14	3/8"	3	3/4"Ø
W16	3/8"	4	3/4"Ø



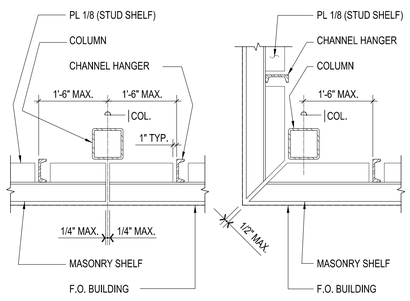




NOTE: INTERSECTING BEAMS, INTERSECTING JOISTS, STEEL DECK, METAL STUDS AND MASONRY NOT SHOWN FOR CLARITY, COORDINATE WITH OTHER DETAILS AND THE ARCH. DWGS.

SPECIAL CONNECTION DETAILS

NOT TO SCALE

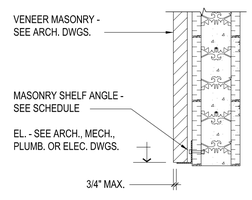


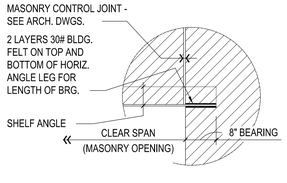
TYPICAL MASONRY SHELF AND HANGER DETAILS

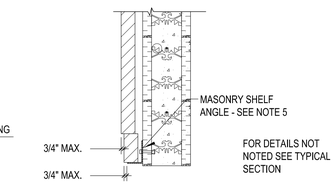
NOT TO SCALE

MASONRY SHELF ANGLE SCHEDULE

CLEAR SPAN	ANGLE SIZE
0 TO 6'-8"	L6x4x3/8 (LLV) (NOTE 5)







MASONRY SHELF ANGLE NOTES:

1. PROVIDE 8" BEARING EACH END OF ANGLE.
2. FOR EXACT SIZE AND LOCATION OF ALL WALL OPENINGS COORDINATE WITH ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.
3. MASONRY SHELF ANGLE SCHEDULE APPLIES ONLY TO MASONRY SHELF ANGLES NOT OTHERWISE SHOWN ON THE DRAWINGS.
4. MASONRY SHELF ANGLES IN EXTERIOR WALLS SHALL BE HOT-DIP GALVANIZED.
5. MASONRY SHELF ANGLES AT RECESSED SOLDIER COURSE BRICK VENEER SHALL BE BENT PL3/16x4 1/2"x4 (LLH) FOR OPENINGS LESS THAN 3'-8".

TYPICAL MASONRY SHELF ANGLE DETAILS

NOT TO SCALE

t ma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

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ONSLOW COUNTY

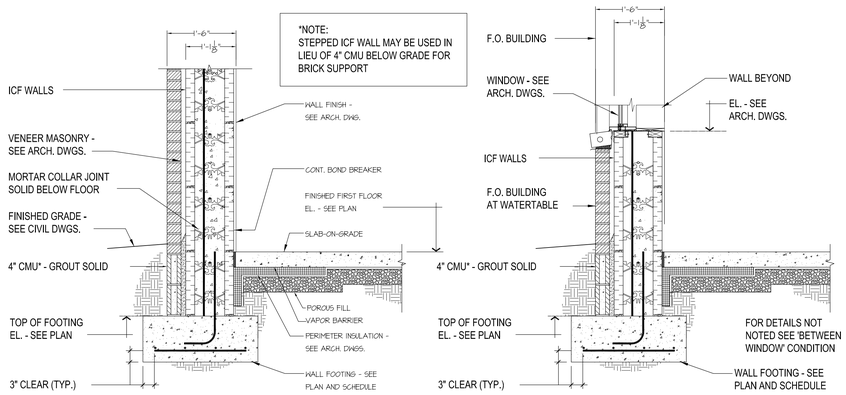
Issue	Date	Description

Date:	OCTOBER 31, 2014
Project No.:	14082
Drawn By:	EW
Checked By:	KA
CADD Drawing:	

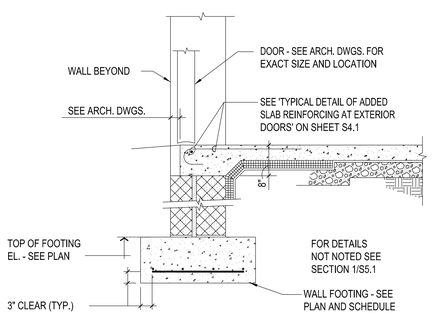
DETAILS

S4.2

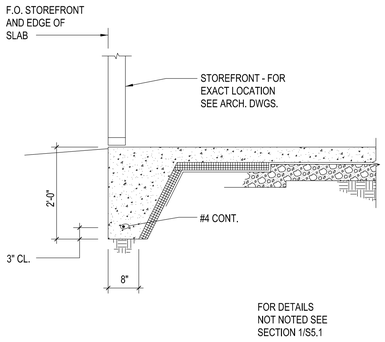
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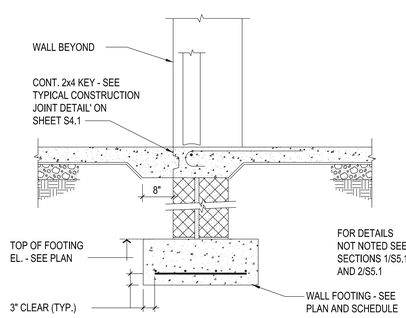
1 S5.1 SECTION
3/4" = 1'-0"



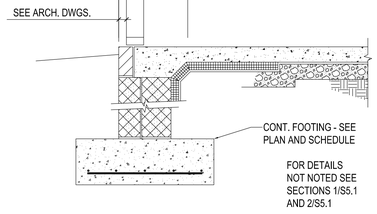
2 S5.1 SECTION
3/4" = 1'-0"



3 S5.1 SECTION
3/4" = 1'-0"



4 S5.1 SECTION
3/4" = 1'-0"



5 S5.1 SECTION
3/4" = 1'-0"

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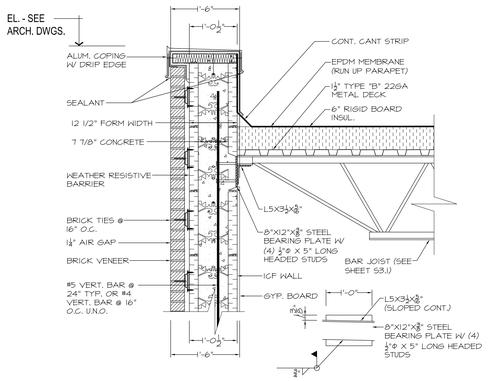
ONSLOW COUNTY

Issue	Date	Description

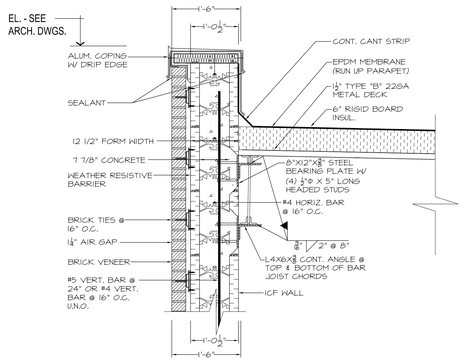
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CADD Drawing:	

FOUNDATION DETAILS

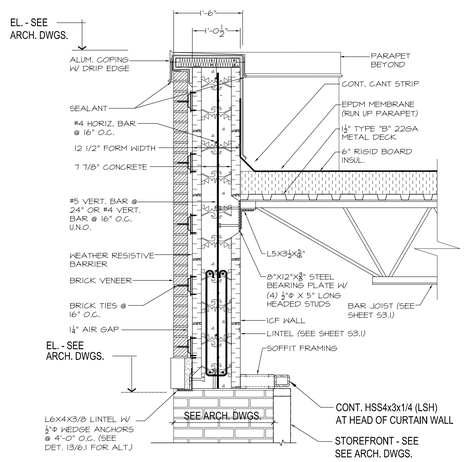
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Sheet ____ of _____



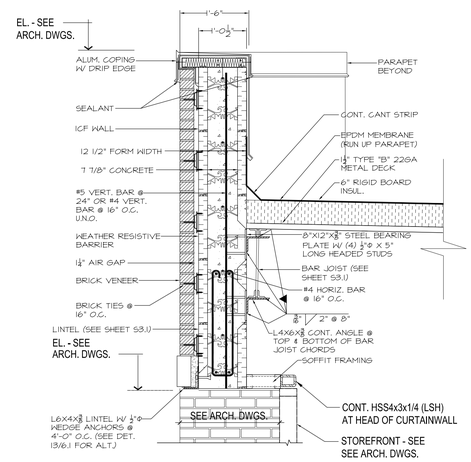
1 S6.1 SECTION
3/4" = 1'-0"



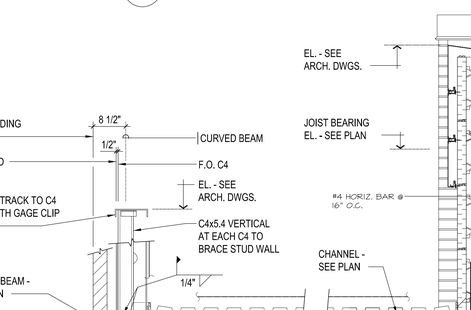
2 S6.1 SECTION
3/4" = 1'-0"



3 S6.1 SECTION
3/4" = 1'-0"



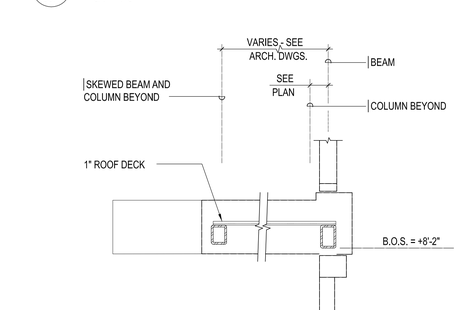
4 S6.1 SECTION
3/4" = 1'-0"



5 S6.1 SECTION
3/4" = 1'-0"

6 S6.1 SECTION
3/4" = 1'-0"

7 S6.1 CONDENSER PEDESTAL ASSEMBLY
3/4" = 1'-0"



8 S6.1 SECTION
3/4" = 1'-0"

FOR DETAILS NOT NOTED SEE SECTION 1/S3.1

9 S6.1 SECTION
3/4" = 1'-0"

FOR DETAILS NOT NOTED SEE SECTION 7/S3.1

10 S6.1 SECTION
3/4" = 1'-0"

FOR DETAILS NOT NOTED SEE SECTION 1/S3.1

11 S6.1 SECTION
3/4" = 1'-0"

FOR DETAILS NOT NOTED SEE SECTION 5/S3.1

12 S6.1 SECTION
3/4" = 1'-0"

13 S6.1 ALTERNATE BRICK LINTEL DETAIL
3/4" = 1'-0"

14 S6.1 BRICK TIE DETAIL @ ICF WALL
1 1/2"=1'-0"

t ma
architect, p.a.
tmaarchitect.com

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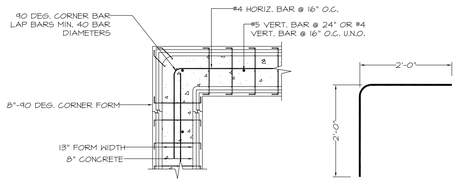
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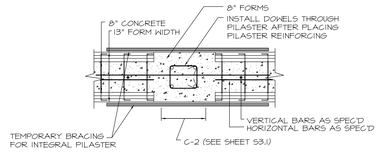
DETAILS

S6.1

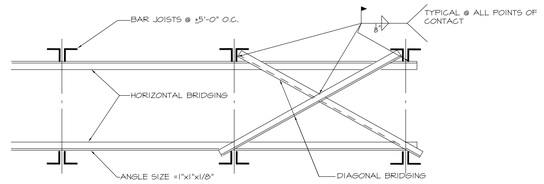
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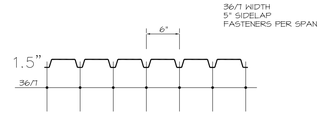
1 S6.2 DETAIL
3/4" = 1'-0"



2 S6.2 DETAIL
3/4" = 1'-0"

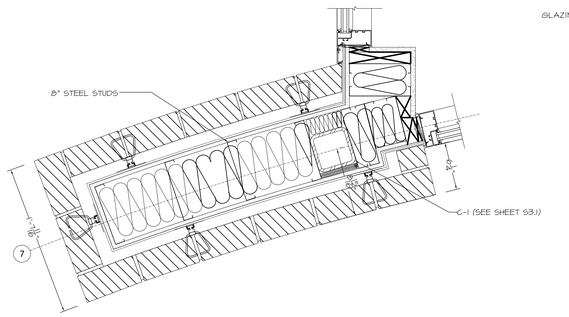


3 S6.2 DETAIL
3/4" = 1'-0"

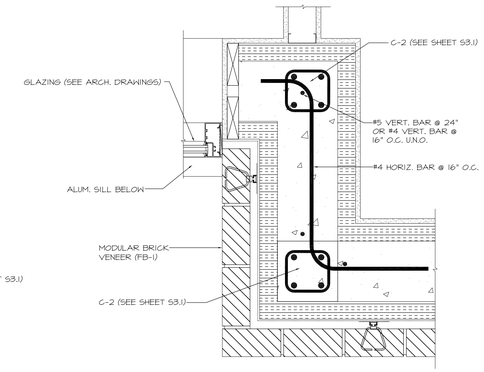


Metal roof deck shall be supplied in 36" widths. Roof deck shall be attached to each support by welding in accordance with weld pattern noted on drawings. See schedule above for applicable weld pattern. Welds shall be 5/4" round puddle welds. Metal roof deck sidelaps shall be attached with indicated number of sidelap fasteners between supports as noted on drawings. Sidelap fasteners shall be #10 drill-point, self-tapping screws. Minimum sidelap attachment shall be one fastener at midpoint of deck span between supports. Attachment at perimeter of deck shall be equal to attachment at deck sheet laps and deck sheet ends. Any partial or skewed sheets shall be attached at every flute regardless of deck weld pattern.

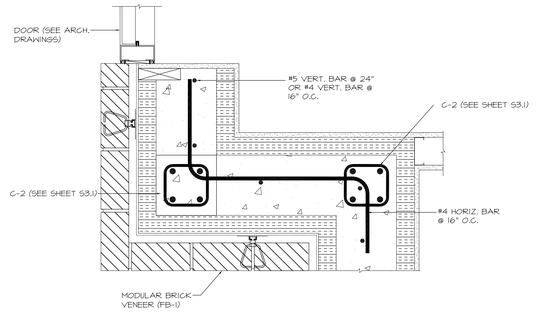
4 S6.2 DETAIL
3/4" = 1'-0"



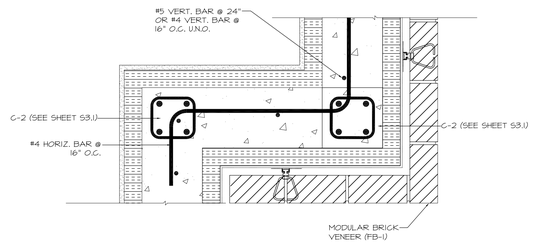
5 S6.2 DETAIL
1 1/2" = 1'-0"



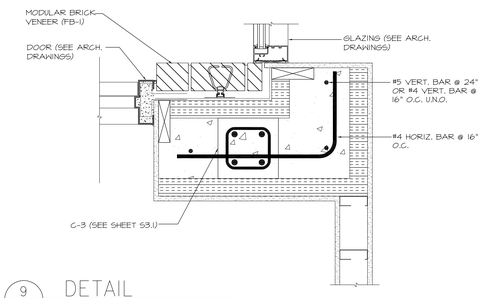
6 S6.2 DETAIL
1 1/2" = 1'-0"



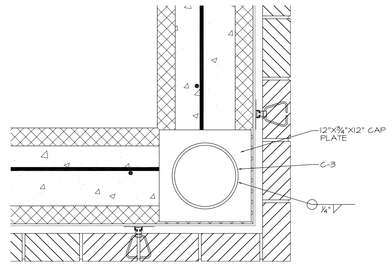
7 S6.2 DETAIL
1 1/2" = 1'-0"



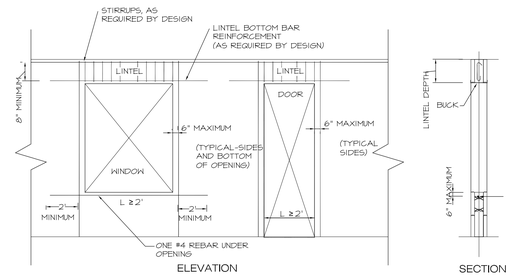
8 S6.2 DETAIL
1 1/2" = 1'-0"

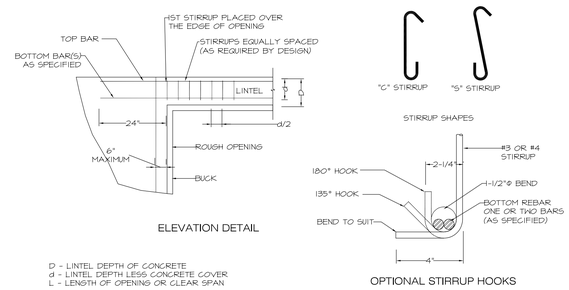


9 S6.2 DETAIL
1 1/2" = 1'-0"

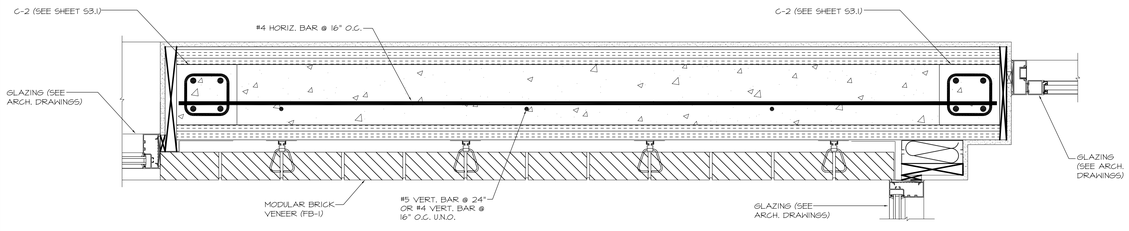


11 S6.2 DETAIL
1 1/2" = 1'-0"





D - LINTEL DEPTH OF CONCRETE
d - LINTEL DEPTH LESS CONCRETE COVER
L - LENGTH OF OPENING OR CLEAR SPAN

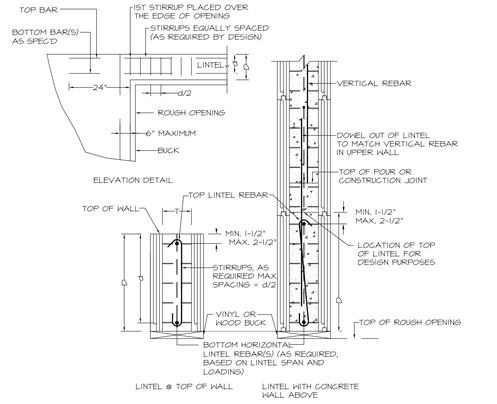


10 S6.2 DETAIL
1 1/2" = 1'-0"

NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.
3. IT IS THE RESPONSIBILITY OF THE DESIGNER TO PROVIDE THE INFORMATION REQUIRED TO SUIT LOCAL BUILDING CODES AND REGULATIONS.

12 S6.2 GENERAL REINFORCEMENT @ OPENINGS
NO SCALE



D - LINTEL DEPTH OF CONCRETE
d - LINTEL DEPTH LESS CONCRETE COVER
T - CONCRETE CORE SIZE

13 S6.2 DETAIL
NO SCALE

t ma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

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ACE Solutions, Inc.
Construction Engineering Services
Business license # C-3421
Kevin R. Adams, P.E. 950 Graves Street, Suite C
Phone: 336-993-5114 Kernersville, NC 27284

DEVELOPER/CONTRACTOR:
Construction Managers, Inc.
Design-Build Management
Fremont, NC www.constructionman.com 919-242-4600

CONSTRUCTION MANAGERS, INC
P.O. BOX 1138
FREMONT, NC 27830
t 919.242.4600
f 919.869.2080

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NORTH CAROLINA PROFESSIONAL 17224 ENGINEER KEVIN R. ADAMS

JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NC
28546

ONSLOW COUNTY

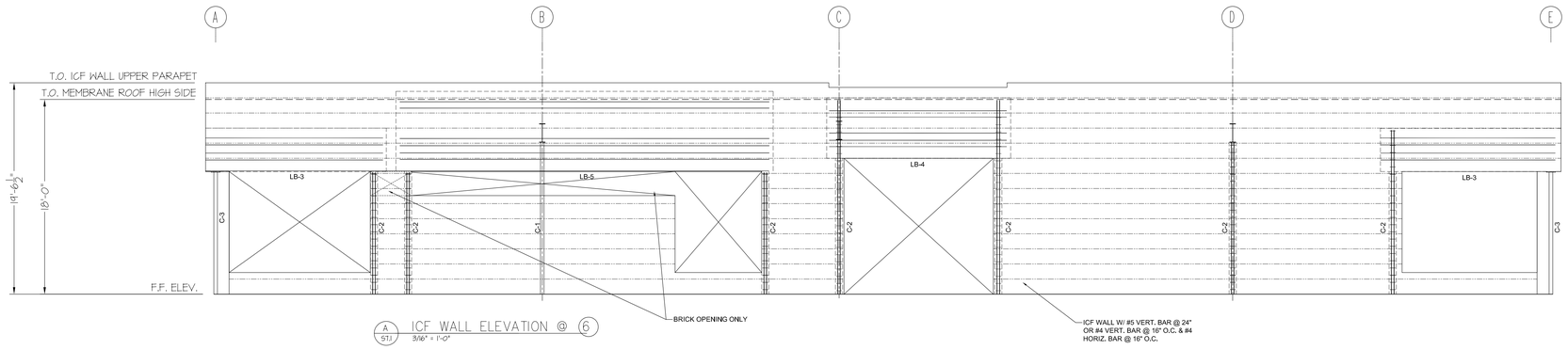
Issue	Date	Description

Date:	OCTOBER 31, 2014
Project No.:	14082
Drawn By:	EW
Checked By:	KA
CADD Drawing:	

DETAILS

S6.2

Sheet ____ of _____



A 5T1 ICF WALL ELEVATION @ 6
3/16" = 1'-0"

FRAMING ELEVATION NOTES :

A. SEE THE FOUNDATION PLAN ON SHEET S2.1 AND THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.

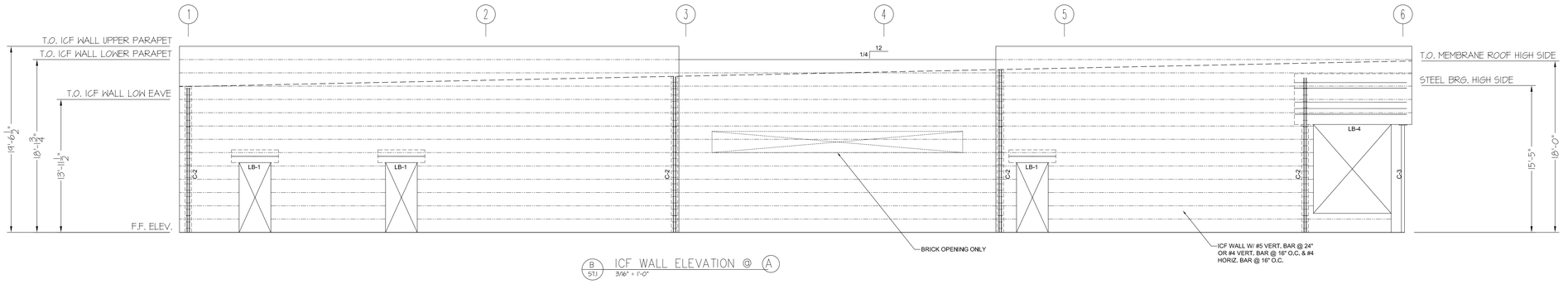
B. SEE SHEET S1.1 FOR STRUCTURAL NOTES. SEE SHEET S2.1 FOR COLUMN SCHEDULE.

C. THE BASIC CONNECTION DESIGN METHOD SHALL BE THE UNIFORM FORCE METHOD AS DESCRIBED IN PART 13 OF THE MANUAL OF STEEL CONSTRUCTION, THIRTEENTH EDITION BY AISC. THE FORCES SHOWN ON THE FRAME ELEVATIONS ARE INTENDED TO BE USED FOR THE DETAILING OF THE JOINT. IN ADDITION TO THE FORCES SHOWN ON THE ELEVATIONS, THE BEAM END SHEAR SHALL BE AS DETAILED ON THE DRAWINGS.

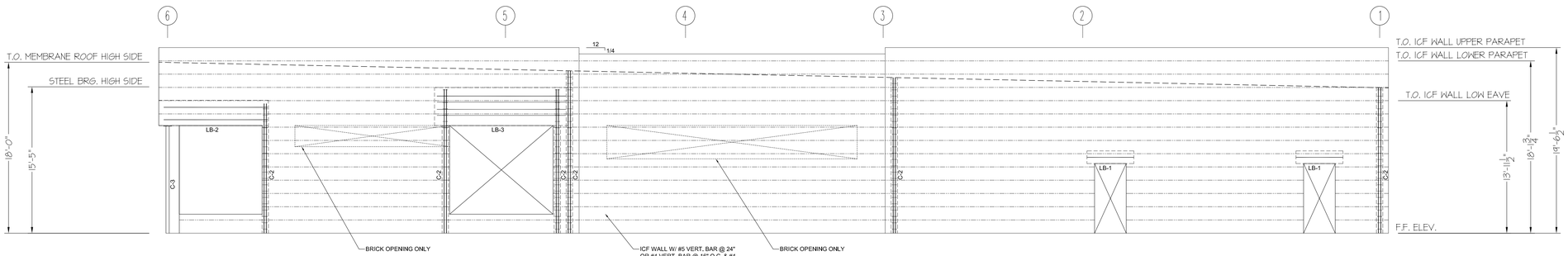
D. FOR REQUIRED MINIMUM WELD SEE BRACED FRAME WELDING SCHEDULE ON THIS SHEET. PROVIDE SPECIFIED WELD ALONG ALL FOUR EDGES WHERE SLOTTED TUBE CONTACTS GUSSET PLATE AT EACH END OF TUBE.

E. OPENING - SEE THE ARCHITECTURAL DRAWINGS FOR LOCATION, DIMENSIONS AND DETAILS.

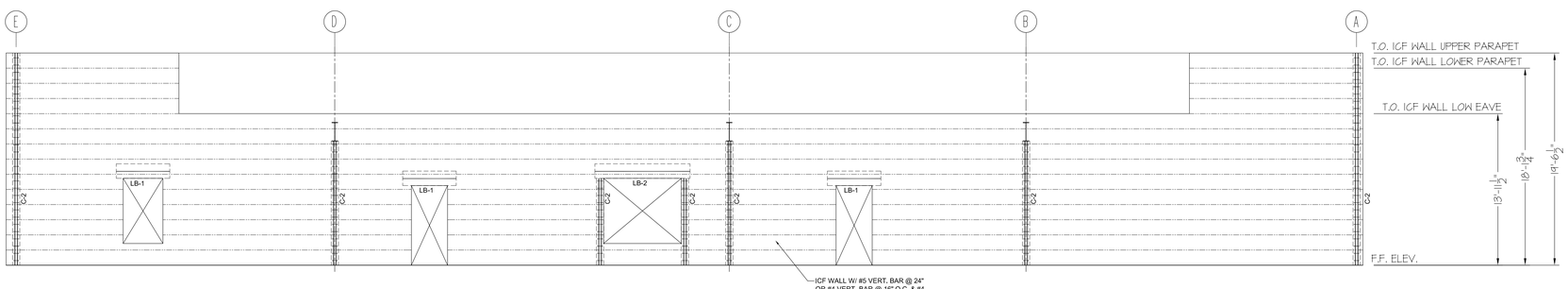
F. SEE ARCHITECTURAL ELEVATION DRAWINGS FOR BRICK CONTROL JOINT LOCATIONS.



B 5T1 ICF WALL ELEVATION @ A
3/16" = 1'-0"



C 5T1 ICF WALL ELEVATION @ E
3/16" = 1'-0"



D 5T1 ICF WALL ELEVATION @ 1
3/16" = 1'-0"

NOTE:
SEE DETAIL 4/S6.1 FOR TYPICAL STEEL BRICK LINTEL DETAIL; REQUIRED AT ALL BRICK OPENINGS

t ma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

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Business License # C-3421
Kevin R. Adams, P.E. 930 Graves Street, Suite C
Phone: 336-993-5114 Kernersville, NC 27284

DEVELOPER/CONTRACTOR:

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Design–Build Management
Fremont, NC www.constructionman.com 919-242-4600

CONSTRUCTION MANAGERS, INC
P.O. BOX 1138
FREMONT, NC 27830
t 919.242.4600
f 919.869.2080

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4006 HENDERSON DRIVE
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28546

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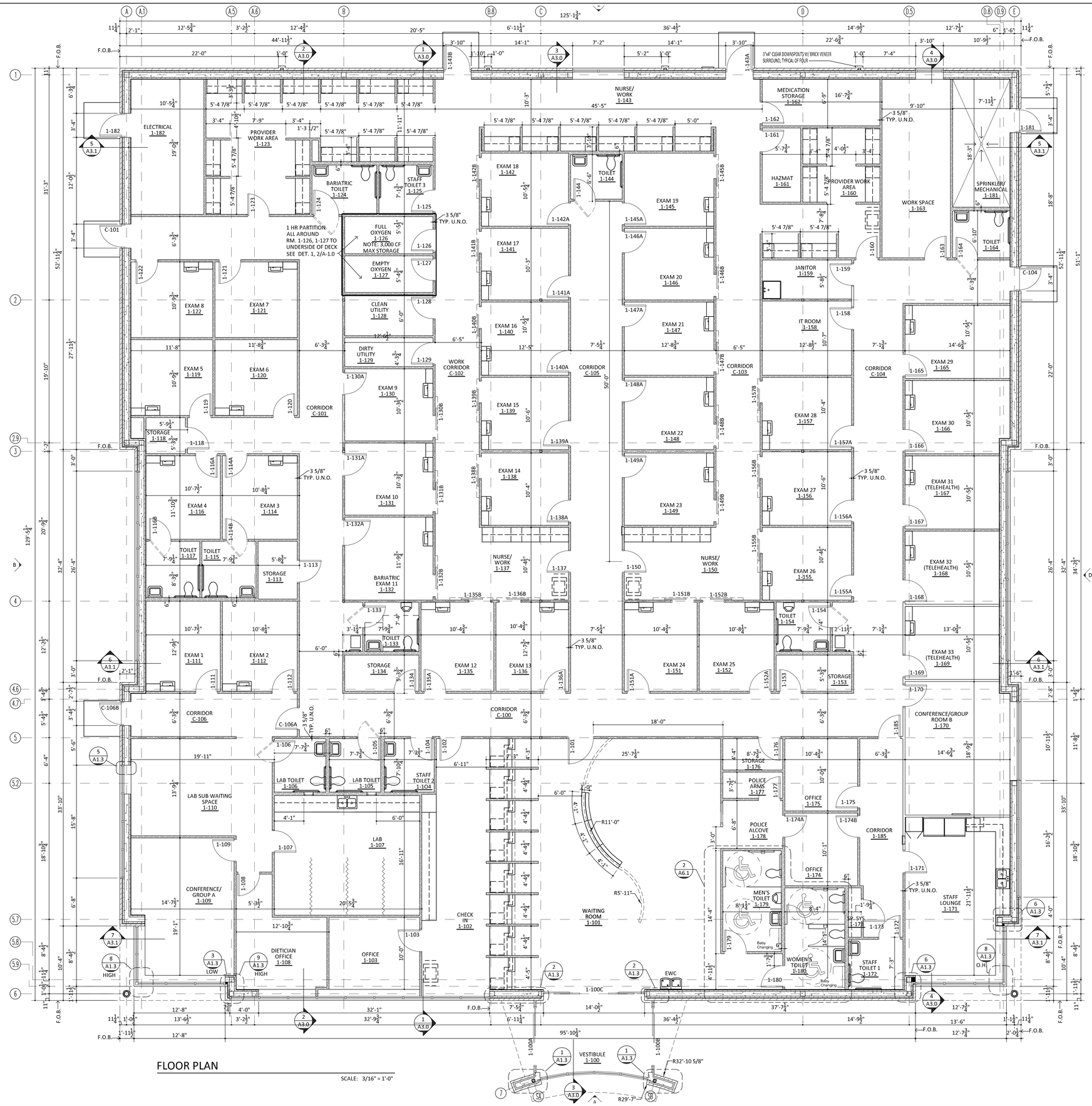
Issue	Date	Description
	08/26/13	Revisions

Date:	OCTOBER 31, 2014
Project No.:	14082
Drawn By:	EW
Checked By:	KA
CADD Drawing:	

FRAMING ELEVATIONS

S7.1

Sheet ____ of _____



GENERAL DIMENSION FLOOR PLAN NOTES

1 - ALL DIMENSIONS ARE EITHER TO FACE OF STUD OR CENTERLINE OF COLUMN.

2 - LAY OUT STUDS TO VERIFY DIMENSIONAL ACCURACY OF NEW WORK INDICATED. G.C. SHALL REVIEW LAYOUT WITH ARCHITECT IN FIELD AND PROCEED WITH STUD ERECTION ONLY AFTER ARCHITECTS APPROVAL.

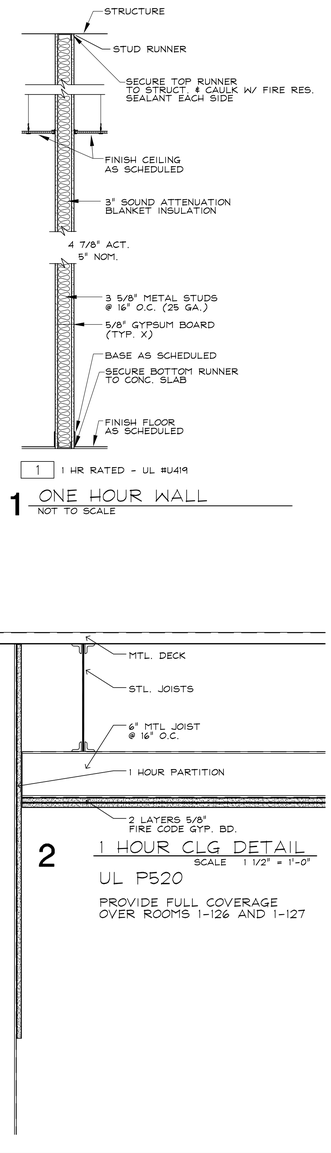
3 - TYPICAL DOOR OFFSET SHALL BE 4" AT ALL LOCATIONS UNLESS INDICATED OR NOTED OTHERWISE.

4 - WHERE PLAN DESCRIBES A RELATIONSHIP OF TWO WALLS AS 'ALIGN' CONFIGURE STUDS TO ALLOW FACE OF GWB TO BE FLUSH WITH FACE OF GWB.

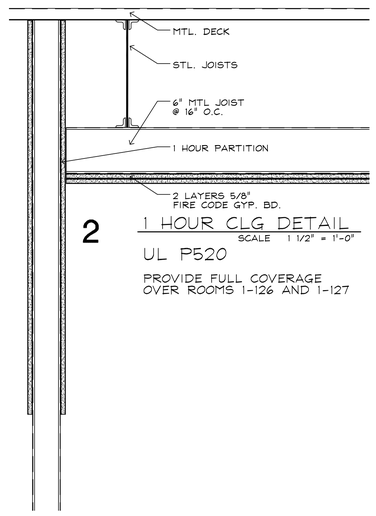
5 - SEE SHEET DS1 FOR PARTITION TYPE SCHEDULE.

NEW WORK PLAN LEGEND

- MTL. STUD WALL
- PARTIAL HEIGHT MTL. STUD WALL
- BRICK VENEER
- BRACED FRAME, SEE STRUCTURAL DWGS (6)
- EXTERIOR ELEVATION TAG, SEE SHEETS A2.0
- WINDOW TYPE TAG, SEE SHEETS A5.0 (X / K)
- NEW WORK NOTE, THIS SHEET ONLY (X)
- PARTITION TYPE, SEE SHEET DS1
- FACE OF BRICK
- BRACED FRAME



1 ONE HOUR WALL
NOT TO SCALE



2 1 HOUR CLG DETAIL
SCALE 1 1/2" = 1'-0"

UL P520

PROVIDE FULL COVERAGE OVER ROOMS 1-126 AND 1-127

tma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

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Design-Build Management
Fremont, NC www.constructionman.com 919-242-4600

CONSTRUCTION MANAGERS, INC
P.O. BOX 1138
FREMONT, NC 27830
t 919.242.4600
f 919.869.2080

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THOMAS MOREAU REGISTERED ARCHITECT 7549 NORTH CAROLINA GREENSBORO, N.C.
tma architect p.a. CERT. NO. 50860 REGISTERED ARCHITECTURAL CORP. NORTH CAROLINA GREENSBORO, NC

OCT. 21, 2014

PERMIT XXX

JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NC
28546

ONSLOW COUNTY

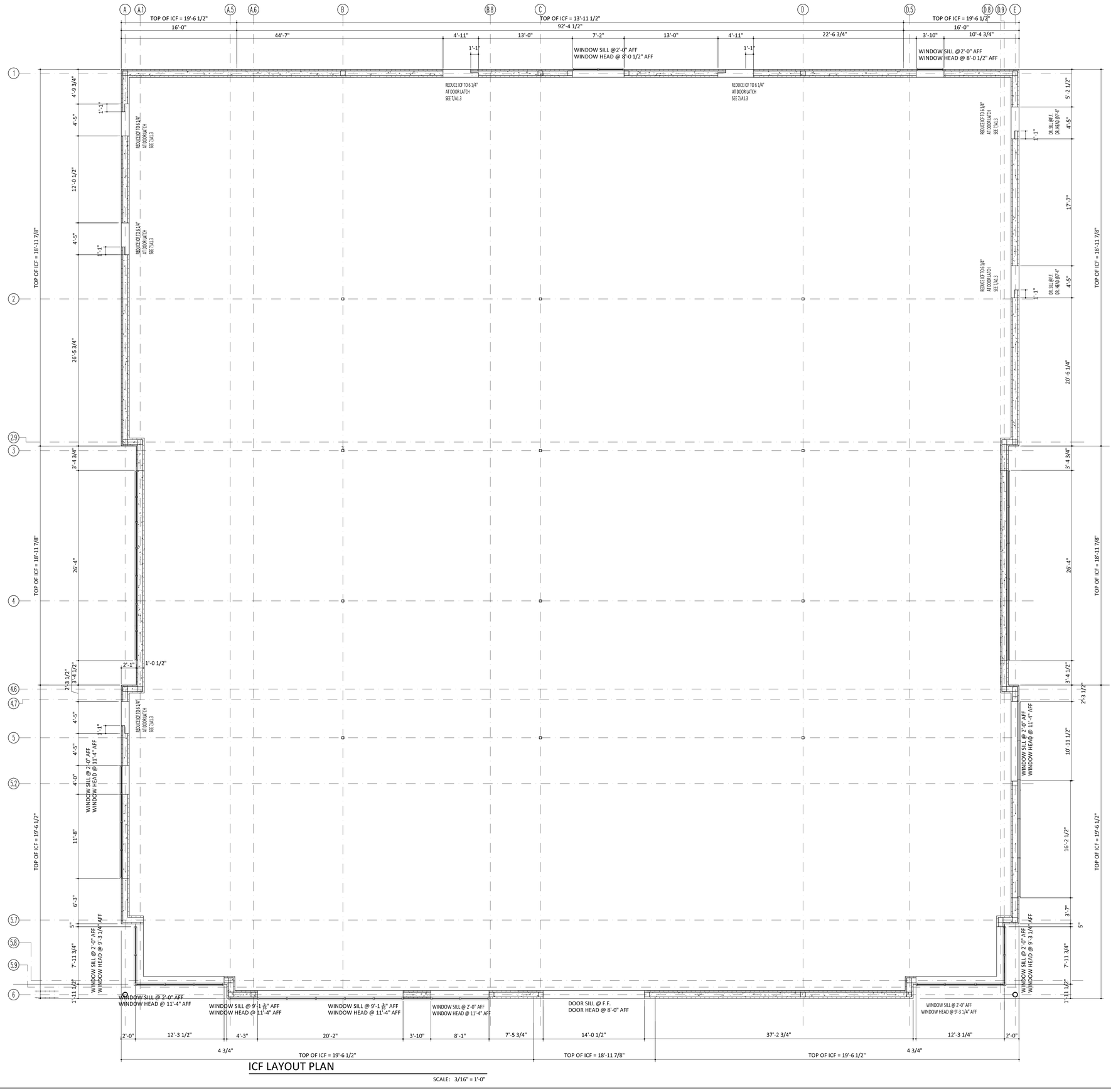
Issue	Date	Description
	10.21.14	ISSUED FOR PERMIT

Date: 10.21.14
Project No.: 130202-A
Drawn By: TM/KE
Checked By: TM
CADD Drawing:

FLOOR PLAN

A1.0

Sheet _____ of _____



ICF LAYOUT PLAN

SCALE: 3/16" = 1'-0"

tma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

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Design-Build Management
Fremont, NC www.constructionman.com 919-242-4800

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FREMONT, NC 27830
t 919.242.4600
f 919.869.2080

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THOMAS MOREAU REGISTERED ARCHITECT 7549 NORTH CAROLINA GREENSBORO, N.C.

tma architect p.a. CERTIFICATE OF AUTHORIZATION CERT. NO. 50860 NORTH CAROLINA GREENSBORO, N.C.

SEPT. 30, 2014

PERMIT XXX

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28546

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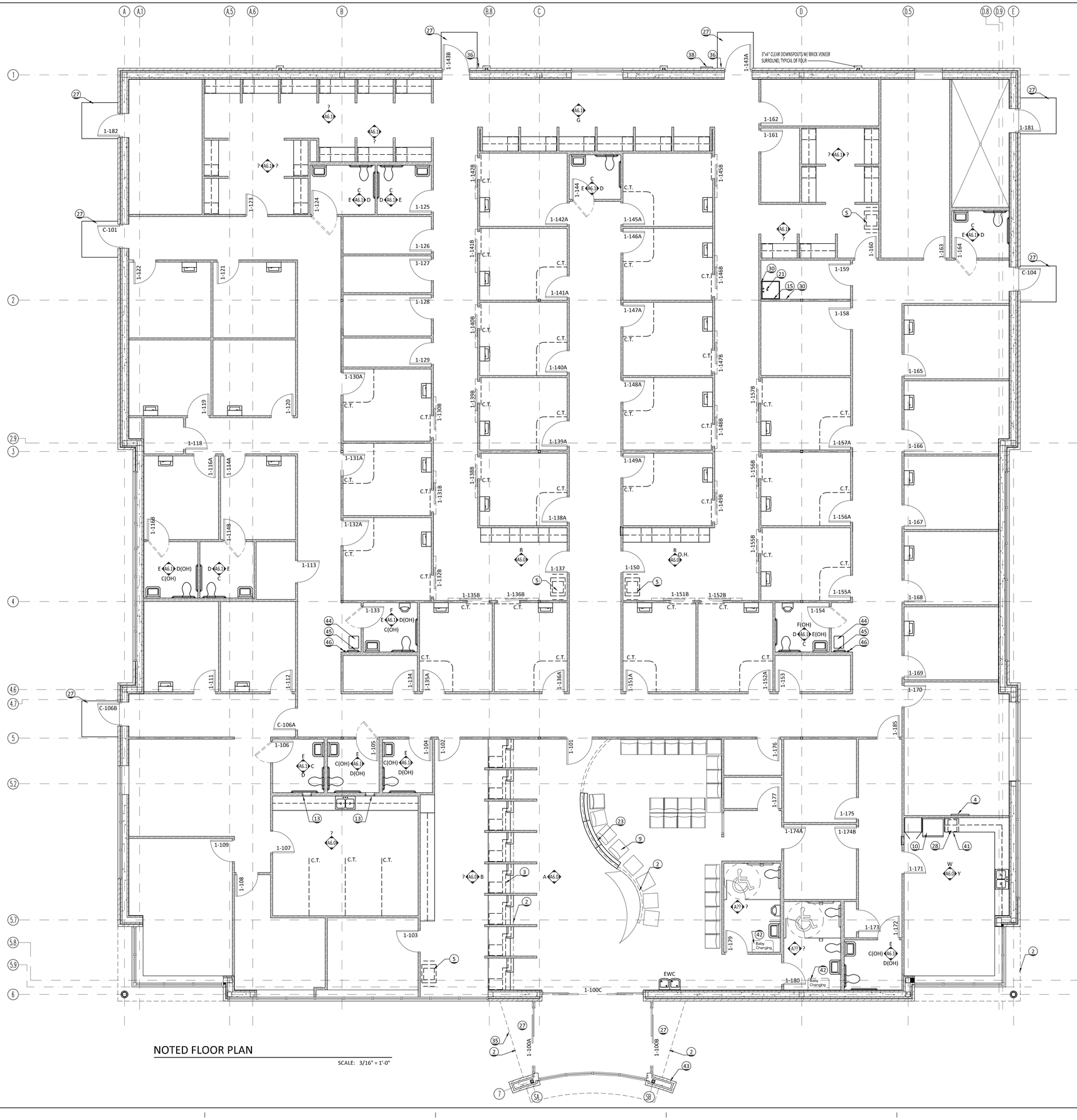
Issue	Date	Description
	9.30.14	ISSUED FOR PERMIT

Date:	9.30.14
Project No.:	130202-A
Drawn By:	TM/KE
Checked By:	TM
CADD Drawing:	

ICF LAYOUT PLAN

A1.0b

Sheet _____ of _____



NOTED FLOOR PLAN

SCALE: 3/16" = 1'-0"

NEW WORK PLAN NOTES (THIS SHEET ONLY)

1. PROVIDE F.R.T. 3/4" AC PLYWOOD BACKER BOARD OVER GWB ON ALL WALLS THIS SPACE UP TO 8'-0" A.F.F. PAINT PT1.
2. LINE OF SOFFIT ABOVE.
3. DASHED LINE INDICATES CASEWORK BELOW.
4. FLAT PANEL TV - TFCI. SEE DETAIL A/A6.0 FOR DETAILED INFORMATION. PROVIDE ADEQUATE BLOCKING FOR SECURE ATTACHMENT. SEE PME DWG'S. FOR ADD'L INFORMATION.
5. COPIER - TFTI. SEE ELECTRICAL DWGS FOR ADDITIONAL INFORMATION.
6. FIRE EXTINGUISHER CABINET - PROVIDE LARSEN ARCHITECTURAL SERIES, SEMI-RECESSED WITH BRUSHED ALUMINUM FINISH AND FULL GLASS DOOR. PROVIDE #10 FIRE EXTINGUISHER,TYPICAL.
7. ADA BI-LEVEL WATER FOUNTAIN, SEE PME DWGS FOR ADDITIONAL INFORMATION.
8. EXTENDED MICROWAVE SHELF - ACTUAL MICROWAVE UNIT - TFTI.
9. FURNITURE, NIC
10. REFRIGERATOR - TFCI - SEE PME DRAWINGS FOR ADD'L REQUIREMENTS.
11. COUNTERTOP REFRIGERATOR - TFTI. - SEE PME DRAWINGS FOR ADD'L REQUIREMENTS.
12. PROVIDE ALL BLOCKING, PLUMBING, AND ELECTRICAL ROUGH INS FOR FUTURE BUILD OUT OF TYPICAL EXAM ROOM THIS SPACE. SEE PME DRAWINGS FOR MORE INFORMATION. COORDINATE WITH ICF CONTRACTOR FOR EXACT LOCATION OF METHOD TO ADHERE ELEMENTS REQUIRING BLOCKING DIRCTLY TO CONCRETE IN ICF WALL FORM/SECTION. TYP.
13. INSTALL SPECIMEN PASS-THRU, (G) SEE ACCESSORY SCHEDULE ON A6.1. COORDINATE LOCATION WITH WALL MOUNTED ITEMS.
14. RECESSED FLOOR MAT- 36" W. X 8'-0"
15. INSTALL MOP STRIP (K) @ 60" A.F.F. SEE ACCESSORY SCHEDULE ON A6.1.
16. GRIND, BONDO, SAND AND PAINT COLUMN (PT1).
17. COMPUTER KIOSK, TFTI. SEE PME DWGS FOR ADDITIONAL INFORMATION.
18. GLASS FACED BULLETIN BOARD, TFCI.
19. SURFACE MOUNTED VIEW BOX - TFCI. SEE ELECTRICAL DRAWINGS. COORDINATE ELECTRICAL CONNECTION LOCATION WITH ACTUAL UNIT.
20. PARTIAL HEIGHT WALL TO BE 4'-0" HIGH. SEE P & Q/A6.0 FOR ELEVATION.
21. JANITOR'S SINK. SEE PME DWGS FOR ADDITIONAL INFORMATION.
22. SOFFIT ABOVE, SEE ELEVATIONS AND DETAILS ON SHEET A6.1 FOR ADDITIONAL INFORMATION.
23. P.LAM MOVEABLE ROOM DIVIDER WITH ACRYLIC PANEL (AP1). SEE DETAIL 3/A6.2 FOR MORE INFORMATION.
24. LOCKERS, TFTI.
25. VENDING MACHINES, SEE ELECTRICAL DWGS. FOR ELECTICAL CONNECTIONS.
26. COUNTER & UNDERCOUNTER REFRIGERATOR.
27. CONCRETE PAD, FINAL SIZES AND DIMENSIONS AND CONNECTION TO SIDEWALKS TO BE COORDINATED WITH ACTUAL SITE.
28. ICE MACHINE, TFTI
29. EQUIPMENT, TFTI.
30. PROVIDE FRP ALL WALLS THIS SPACE. EXTEND FRP TO 4'-0" A.F.F. PROVIDE MANUFACTURER'S STANDARD ACCESSORIES AND TRIM FOR A COMPLETE JOB.
31. PROVIDE ELECTRICAL CONNECTIONS FOR TENANT PROVIDED COMPUTER CART. SEE PME DWGS.
32. NOT USED.
33. NOT USED.
34. NOT USED.
35. LINE OF ALUMINUM SOFFIT ABOVE.
36. LOCATIONS OF CARD READER/KEY PAD FOR DOOR SECURITY. MOUNTING HEIGHT 4'-0" C.L. PROVIDE BACK BOX AND CONDUIT W/ PULL STRING FOR SECURITY VENDOR.
37. NOT USED.
38. NICKEL PLATED WALL HYDRANT, MOUNTING HEIGHT 2'-0" A.F.F. TO TOP. SEE PLUMBING DRAWINGS.
39. WALL MOUNTED SINK, SEE PME DWGS.
40. NOT USED
41. DISHWASHER, CFCI. SEE PME DWGS.
42. INSTALL BABY CHANGING STATION (L). SEE ACCESSORY SCHEDULE A6.1
43. KNOX BOX TO HOLD BUILDING KEYS FOR FIRE DEPARTMENT. COORDINATE W/ LOCALITY.
44. SCALE, OFOI. PROVIDE REQUIRED ELECTRICAL CONNECTIONS.
45. INSTALL 18" GRAB BAR (C) INSTALL @ 60" ANGLE WITH BOTTOM EDGE @ 2'-10" A.F.F. SEE ACCESSORY SCHEDULE A6.1. PROVIDE ADEQUATE BLOCKING FOR SECURE ATTACHMENT. PER NOTE (12)
46. INSTALL ROBE HOOK (F) @ 54"A.F.F. SEE ACCESSORY SCHEDULE A6.1. PROVIDE ADEQUATE BLOCKING FOR SECURE ATTACHMENT. PER NOTE (12)
47. WATER HEATER, SEE PLUMBING DWG'S FOR ADDITIONAL INFORMATION.

GENERAL NEW WORK NOTES

1 - SEE SHEET CVR FOR GENERAL NOTES AND PARTITION TYPES.

NEW WORK PLAN LEGEND

(X) NEW WORK NOTE, THIS SHEET ONLY

X PARTITION TYPE, SEE SHEET DS1

C.T. CUBICLE CURTAIN AND TRACK, SEE FINISH PLANS

tma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

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tma architect p.a. CERT. NO. C-0660 REGISTERED ARCHITECTURAL CORPORATION NORTH CAROLINA GREENSBORO, NC

SEPT. 30, 2014

PERMIT XXX

JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NC
28546

ONSLOW COUNTY

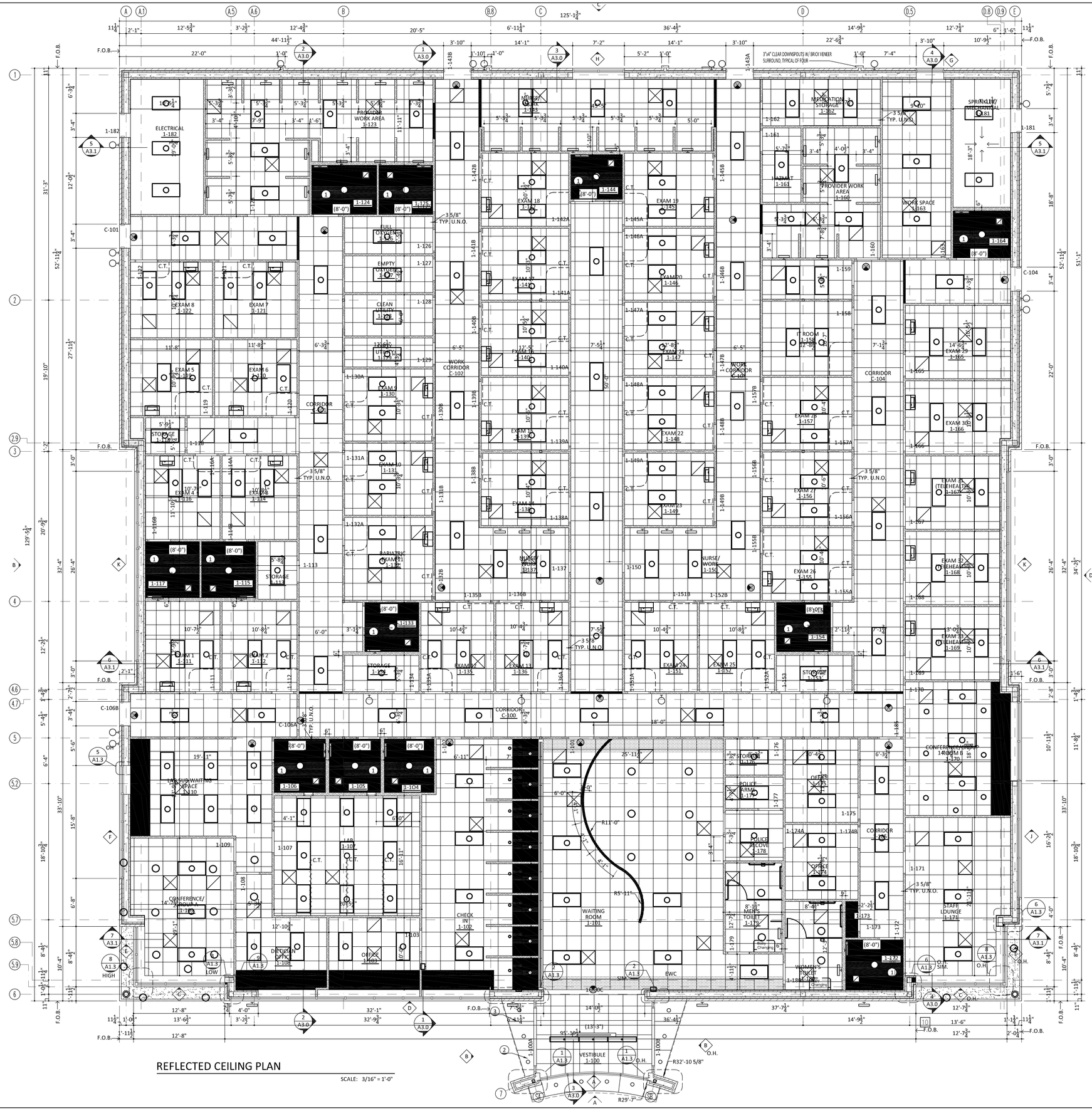
Issue	Date	Description
	9.30.14	ISSUED FOR PERMIT

Date:	9.30.14
Project No.:	130202-A
Drawn By:	TM/KE
Checked By:	TM
CADD Drawing:	

NOTED FLOOR PLAN NOTES AND LEGEND

A1.1

Sheet _____ of _____



tma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

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Mechanical, Plumbing, Electrical Engineering:

DEVELOPER/CONTRACTOR:

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P.O. BOX 1138
FREMONT, NC 27830
t 919.242.4600
f 919.869.2080

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tma architect, p.a. CERT. NO. 50860 GREENSBORO, NC

SEPT. 30, 2014

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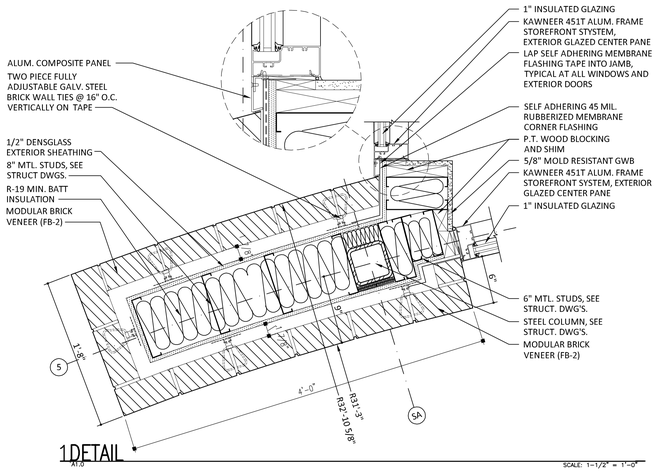
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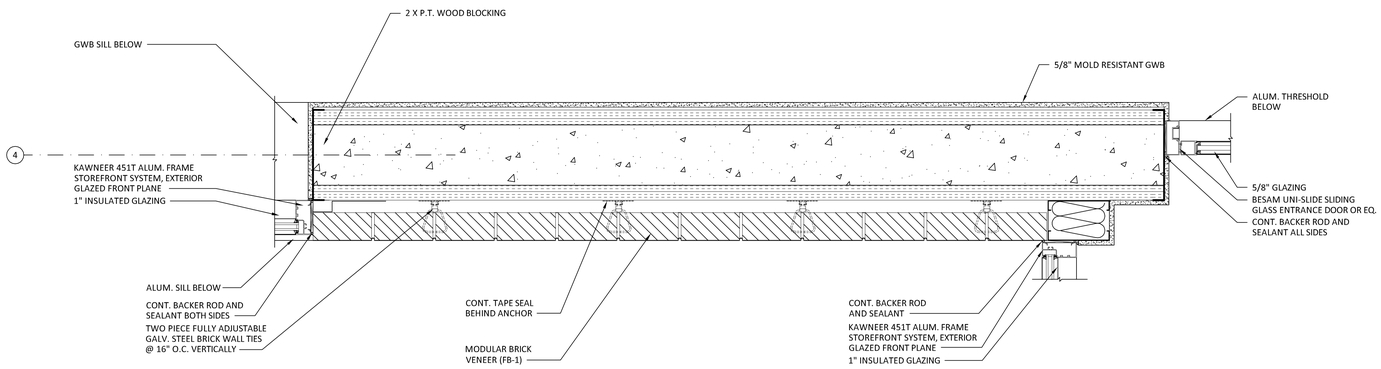
REFLECTED CEILING PLAN NOTES AND LEGEND

A1.2

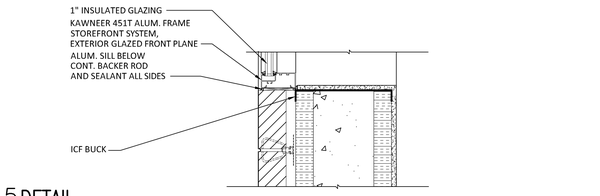
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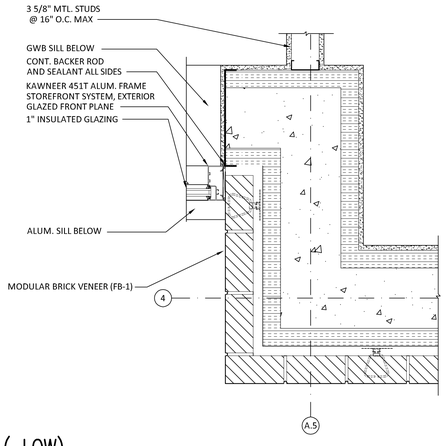
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SCALE: 1-1/2" = 1'-0"



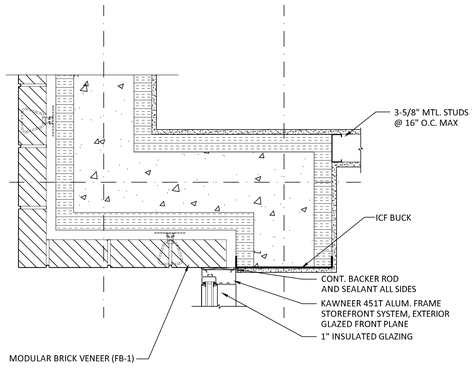
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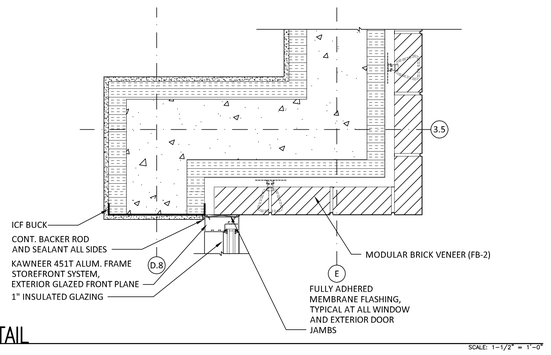
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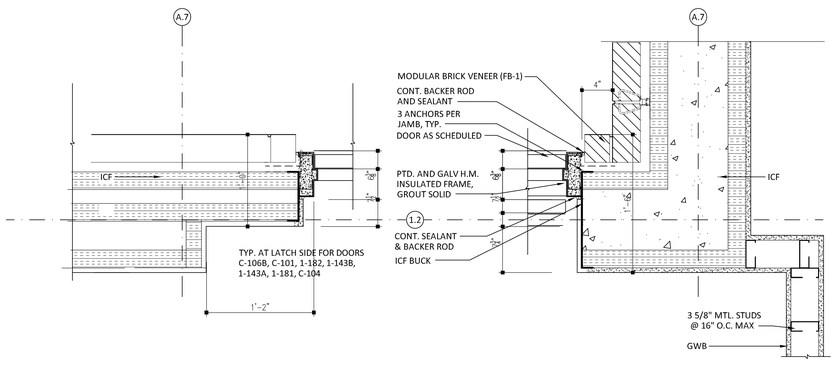
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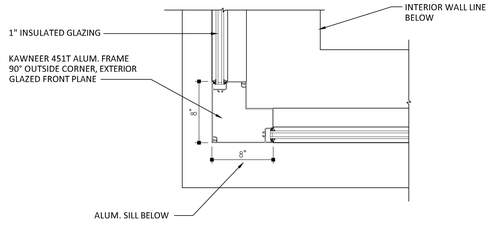
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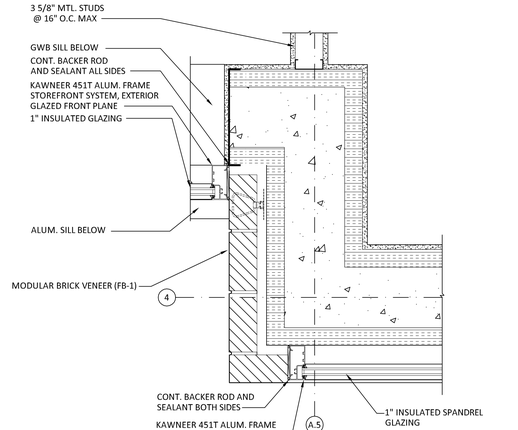
6 DETAIL
A1.0
SCALE: 1-1/2" = 1'-0"



7 DETAIL
A1.0
SCALE: 1-1/2" = 1'-0"



8 DETAIL (HIGH)
A1.0
SCALE: 1-1/2" = 1'-0"



9 DETAIL (HIGH)
A1.0
SCALE: 1-1/2" = 1'-0"

tma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

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P.O. BOX 1138
FREMONT, NC 27830
t 919.242.4600
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THOMAS MOREAU REGISTERED ARCHITECT 7549 NORTH CAROLINA GREENSBORO, N.C.
tma architect, p.a. CERT. NO. 50860 NORTH CAROLINA GREENSBORO, NC
OCT. 21, 2014

PERMIT XXX

JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NC
28546

ONSLOW COUNTY

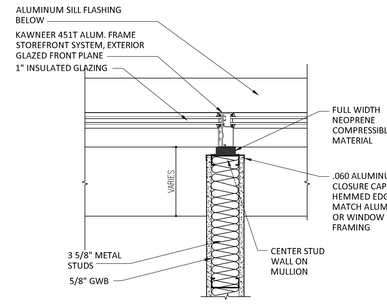
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Project No.:	130202-A
Drawn By:	TM/KE
Checked By:	TM
CADD Drawing:	

ICF OPENING AND GLAZING DETAILS

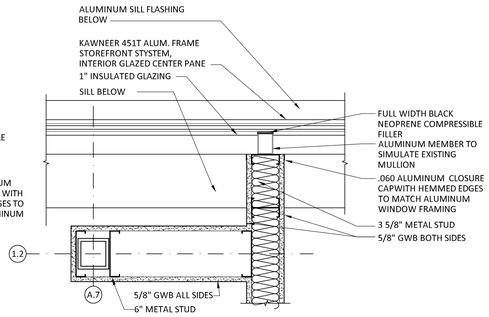
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Sheet _____ of _____



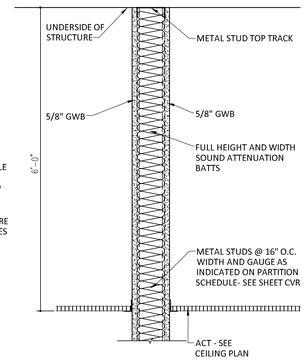
1 PLAN DETAIL

A1.0 | 1 1/2" = 1'-0"



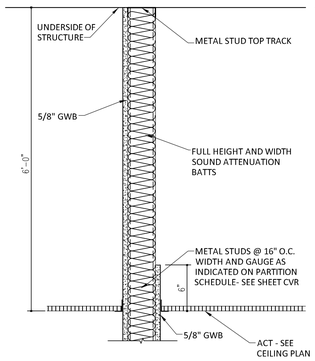
2 PLAN DETAIL

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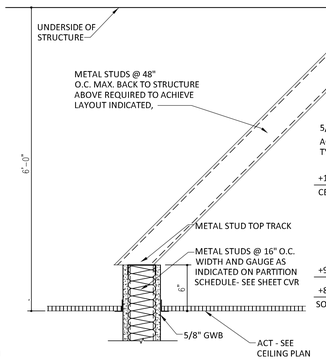
3a DETAIL

CVR | 1 1/2" = 1'-0"



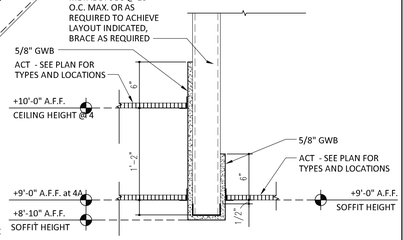
3b DETAIL

CVR | 1 1/2" = 1'-0"



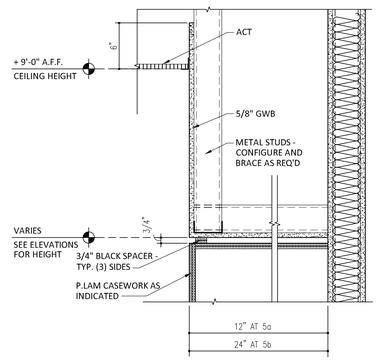
3c DETAIL

CVR | 1 1/2" = 1'-0"



4 SOFFIT DETAIL

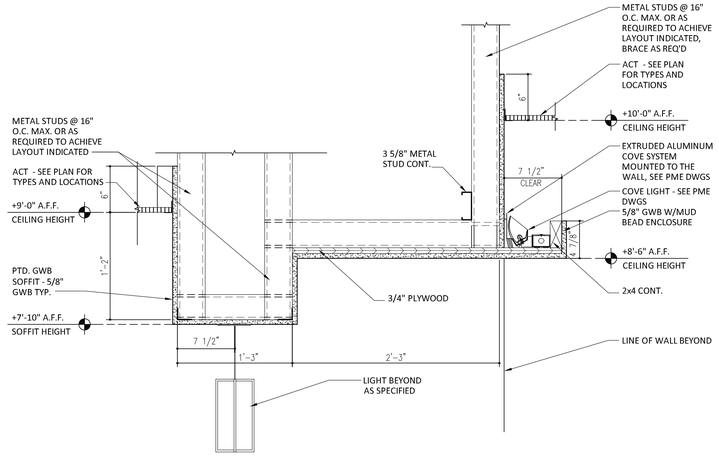
4A A1.2 | 1 1/2" = 1'-0"



5a–12" DEEP SOFFIT
5b–24" DEEP SOFFIT

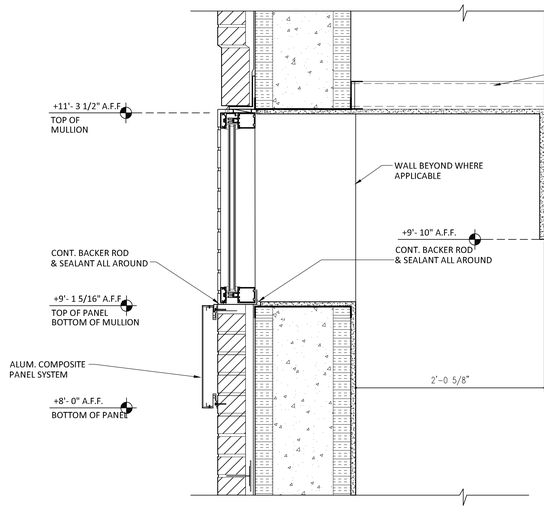
5 SOFFIT DETAIL

A1.2 | 1 1/2" = 1'-0"



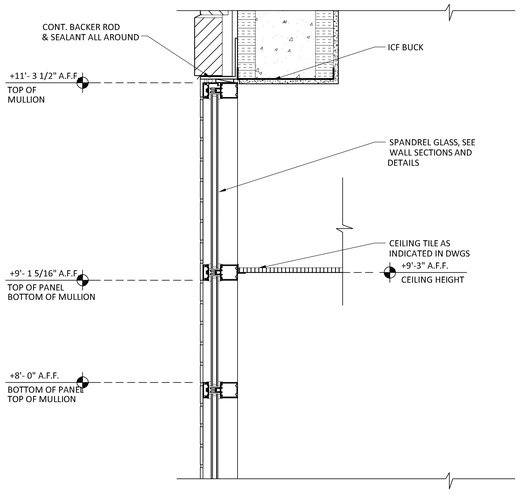
6 SOFFIT DETAIL

A1.2 | 1 1/2" = 1'-0"



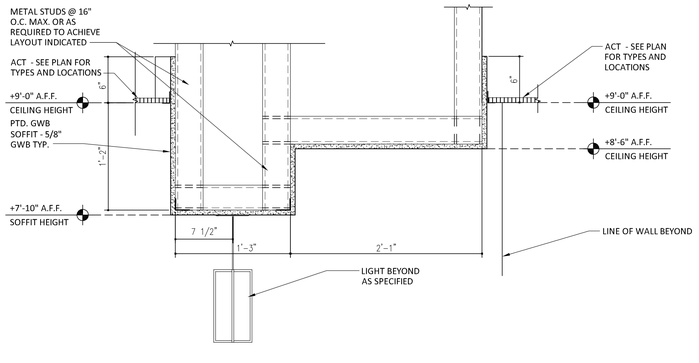
7 SOFFIT DETAIL

A1.2 | 1 1/2" = 1'-0"



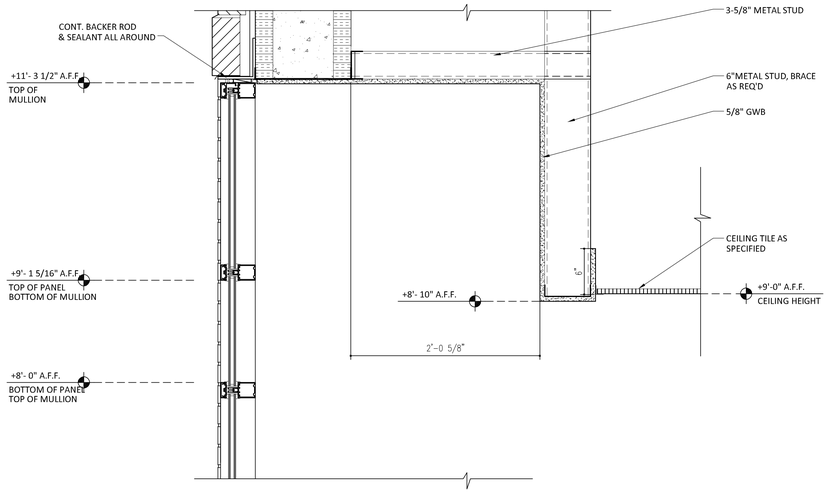
8 SOFFIT DETAIL

A1.2 | 1 1/2" = 1'-0"



9 SOFFIT DETAIL

A1.2 | 1 1/2" = 1'-0"



10 SOFFIT DETAIL

A1.2 | 1 1/2" = 1'-0"

tma
architect, p.a.
tmaarchitect.com

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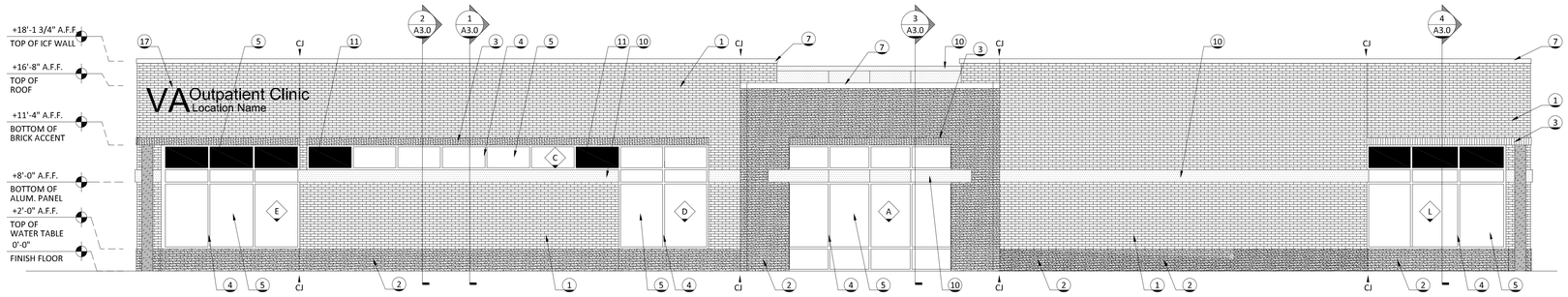
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Checked By:	TM
CADD Drawing:	

DETAILS

A1.4

Sheet _____ of _____

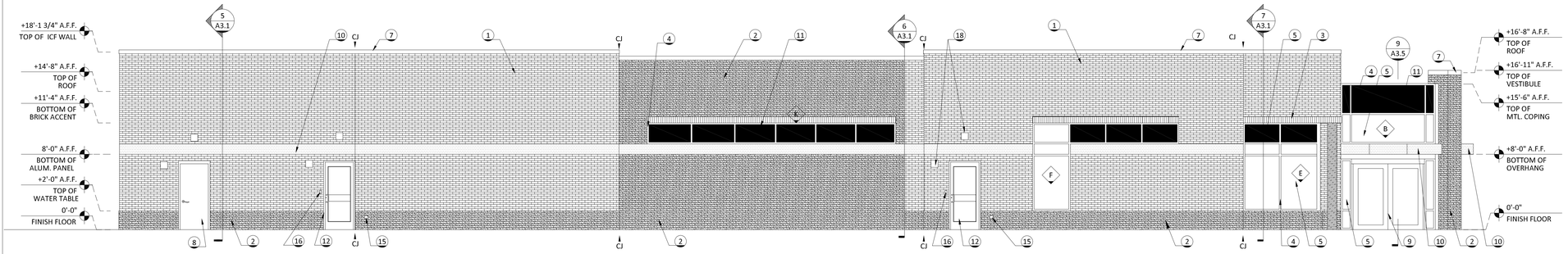


A FRONT ELEVATION

A1.1

SCALE: 3/16" = 1'-0"

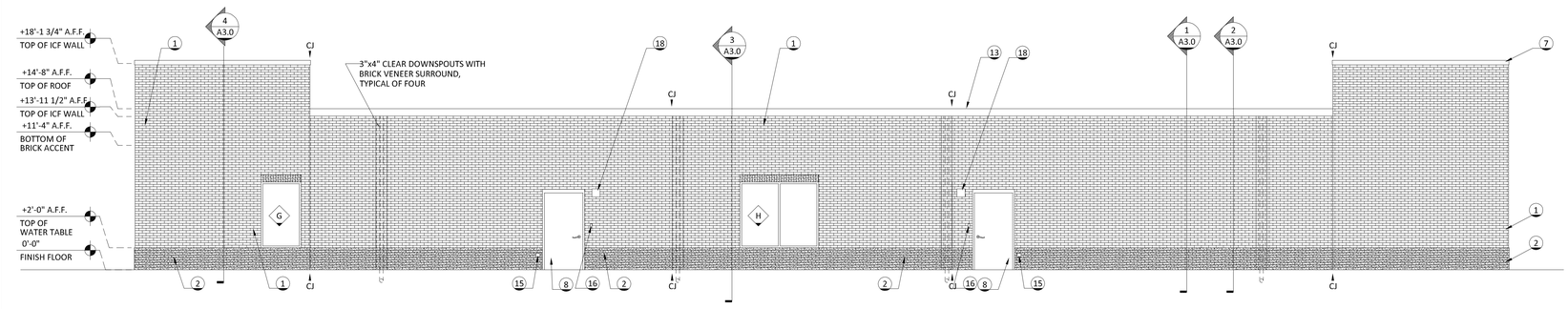
FRONT ELEVATION GLAZING: TOTAL FACADE AREA = 358.7 SQ. FT.
GLAZING ON FRONT ELEVATION = 387.0 SQ. FT., GLAZING ON SIDES OF ENTRY CANOPY = 194.0 SQ. FT. = 581 SQ. FT. (358.7 SQ. FT. REQUIRED.)



A LEFT SIDE ELEVATION

A1.1

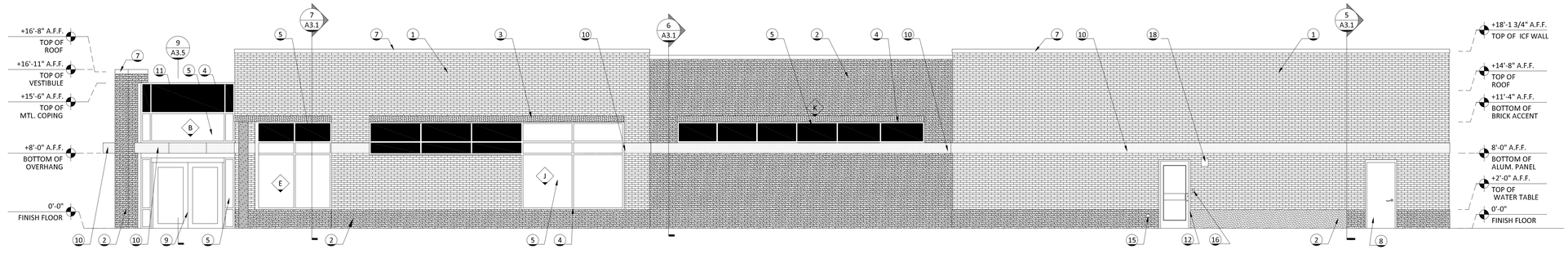
SCALE: 3/16" = 1'-0"



A REAR ELEVATION

A1.1

SCALE: 3/16" = 1'-0"



A RIGHT SIDE ELEVATION

A1.1

SCALE: 3/16" = 1'-0"

EXTERIOR MATERIALS

1 MODULAR FACE BRICK 1. (FB-1)

2 MODULAR FACE BRICK 2. (FB-2)

3 MODULAR FACE BRICK 3 (SOLDIER COURSE). (FB-2)

4 KAWNEER 451T TRIFAB CENTER PANE EXTERIOR GLAZED STOREFRONT SYSTEM OR EQUAL. (CLEAR ANODIZED)

5 1" INSULATED GLAZING. (LOW-E) TEMPERED AS REQ'D.

6 COMPOSITE ALUM. INFILL INTO STOREFRONT. (CLEAR ANODIZED)

7 .060 ALUM. PREFINISHED AND PREFABRICATED COPING. (CLEAR ANODIZED)

8 GALVANIZED PTD. INSULATED STL. H.M. DOOR AND GALV. PTD. H.M. FRAME TO MATCH BRICK #2.

9 8' BESAM UNI-SLIDE ENTRY DOOR OR EQUAL. (CLEAR ANODIZED)

10 COMPOSITE ALUM. PANEL SYSTEM. (CLEAR ANODIZED)

11 1" INSULATED SPANDREL GLAZING.

12 INSULATED ALUM. DOOR W/ 1" INSULATED GLAZING AND W/ CLEAR ANODIZED ALUMINUM FRAME

13 GUTTERS AND DOWNSPOUTS. SIZES OF BOTH AND LOCATIONS OF SOWNSPOUTS ARE TO BE PER CODE ADN SMACNA.

14 GALVANIZED PTD. INSULATED STL. H.M. DOOR W/ 1" INSULATED GLAZED WINDOW AND GALV. PTD. H.M. FRAME TO MATCH BRICK #2.

15 NICKEL PLATED WALL HYDRANT. 2'-0" A.F.F. TO TOP.

16 MAGNETIC SWIPE CARD READER, SEE ELECTRICAL DWG'S. FOR ADDITIONAL INFORMATION.

17 INDIVIDUALLY ILLUMINATED CHANNEL LETTERS. COORDINATE EXACT SPECIFICATIONS AND TEXT WITH VA REPRESENTATIVE AND VA STANDARD SPECIFICATIONS.

18 WALL PACK LIGHT FIXTURE, SEE ELECTRICAL DWG'S. FOR ADDITIONAL INFORMATION.

EXTERIOR ELEVATION LEGEND

= 1" INSULATED GLAZING

= 1" INSULATED SPANDREL GLAZING

= COMPOSITE ALUM. INFILL PANEL

= COMPOSITE ALUM. PANEL SYSTEM METAL PANEL

= MODULAR FACE BRICK 1

= MODULAR FACE BRICK 2

= MODULAR FACE BRICK 3 (SOLDIER COURSE)

= MODULAR FACE BRICK 3 (SOLDIER COURSE)

(X) = EXTERIOR MATERIAL TAG, SEE THIS SHEET.

CJ = CONTROL JOINT IN BRICK

tma
architect, p.a.
tmaarchitect.com

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tma architect, p.a. CERTIFIED ARCHITECTURAL CORPORATION CERT. NO. 50860 NORTH CAROLINA GREENSBORO, NC
OCT. 21, 2014

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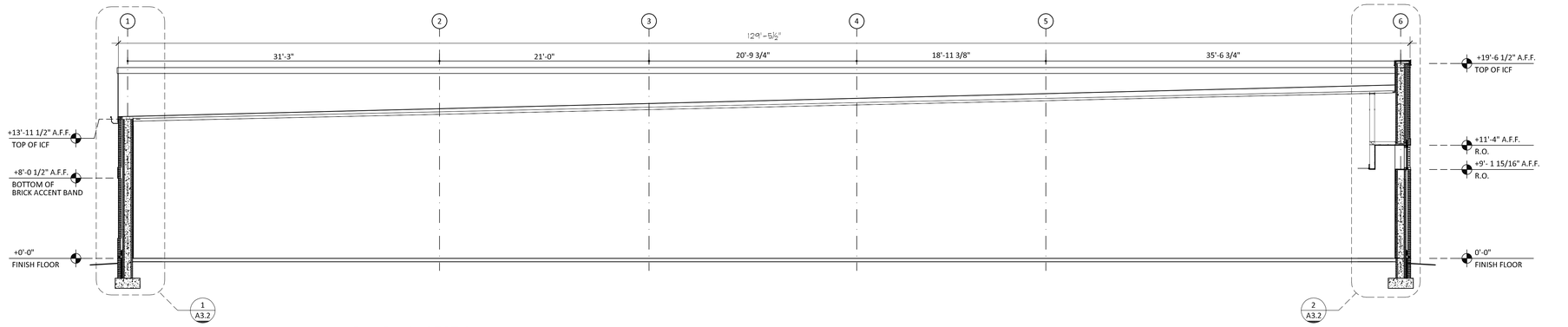
ONSLOW COUNTY

Issue	Date	Description
	10.21.14	ISSUED FOR PERMIT

Date: 10.21.14
Project No.: 130202-A
Drawn By: TM/KE
Checked By: TM
CADD Drawing:

BUILDING ELEVATIONS

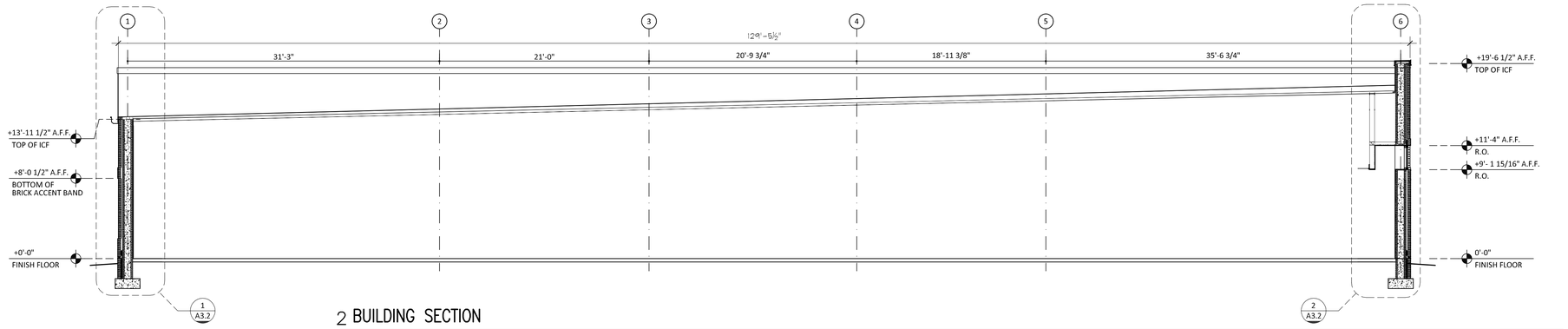
A2.0
Sheet ____ of ____



1 BUILDING SECTION

A1.0

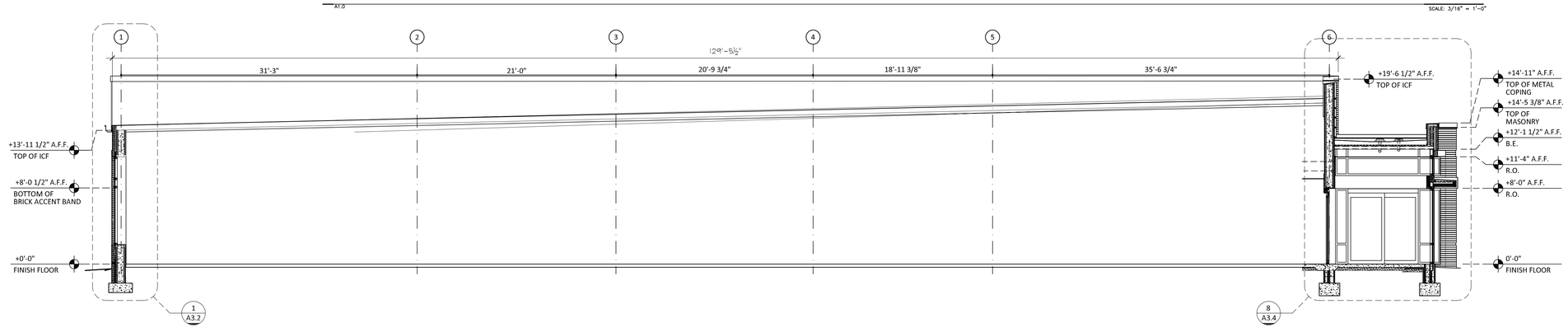
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2 BUILDING SECTION

A1.0

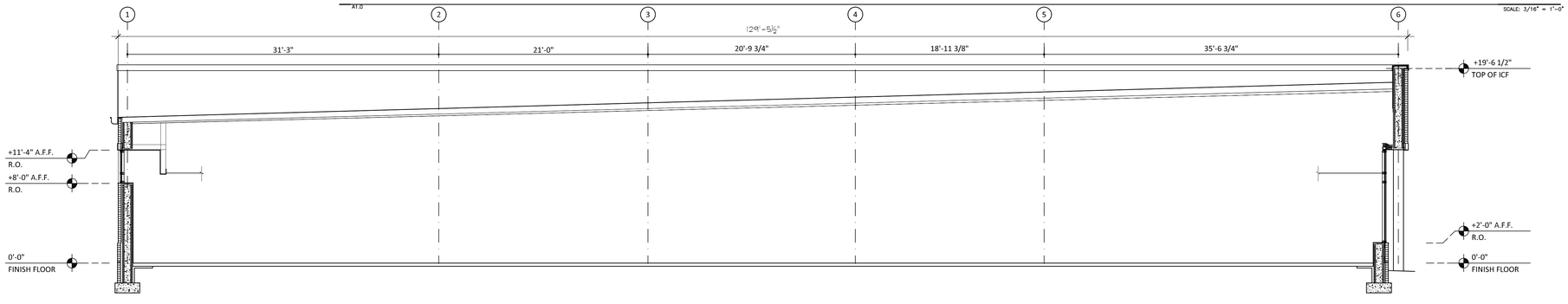
SCALE: 3/16" = 1'-0"



3 BUILDING SECTION

A1.0

SCALE: 3/16" = 1'-0"



4 BUILDING SECTION

A1.0

SCALE: 3/16" = 1'-0"

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architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

SCOPE DOCUMENT

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Mechanical, Plumbing, Electrical Engineering:

DEVELOPER/CONTRACTOR:

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f 919.869.2080

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THOMAS MOREAU
REGISTERED ARCHITECT
7549
North Carolina
GREENSBORO, N.C.

tma architect p.a.
REGISTERED CORPORATION
CERT. NO. 50860
North Carolina
GREENSBORO, NC

SEPT. 30, 2014

PERMIT XXX

JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NC
28546

ONSLOW COUNTY

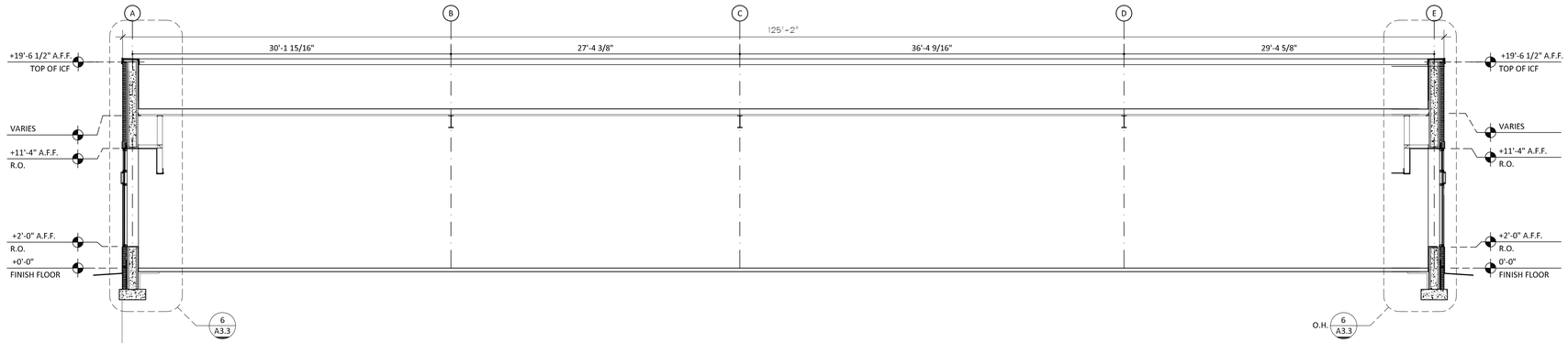
Issue	Date	Description
	9.30.14	ISSUED FOR PERMIT

Date:	9.30.14
Project No.:	130202-A
Drawn By:	TM/KE
Checked By:	TM
CADD Drawing:	

BUILDING SECTIONS

A3.0

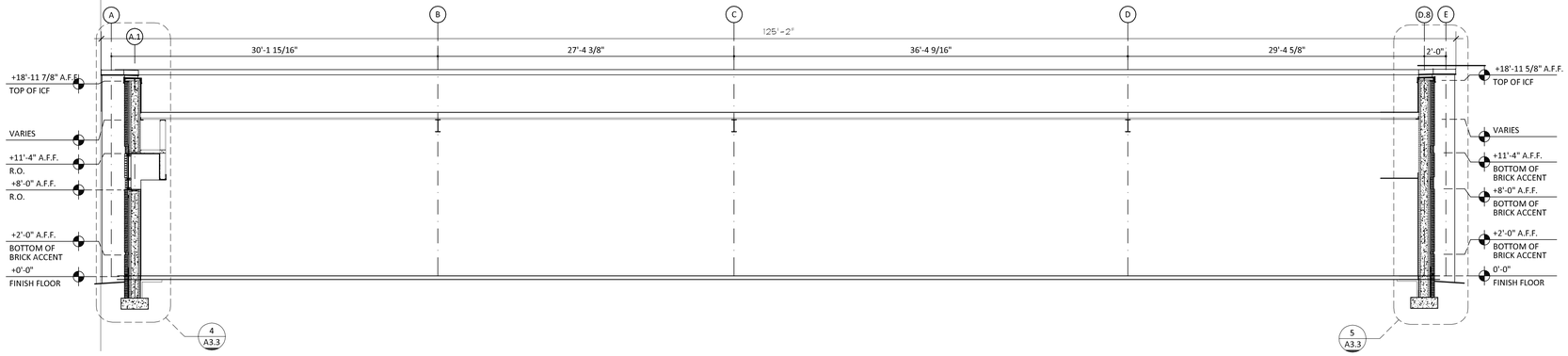
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5 BUILDING SECTION

A1.1

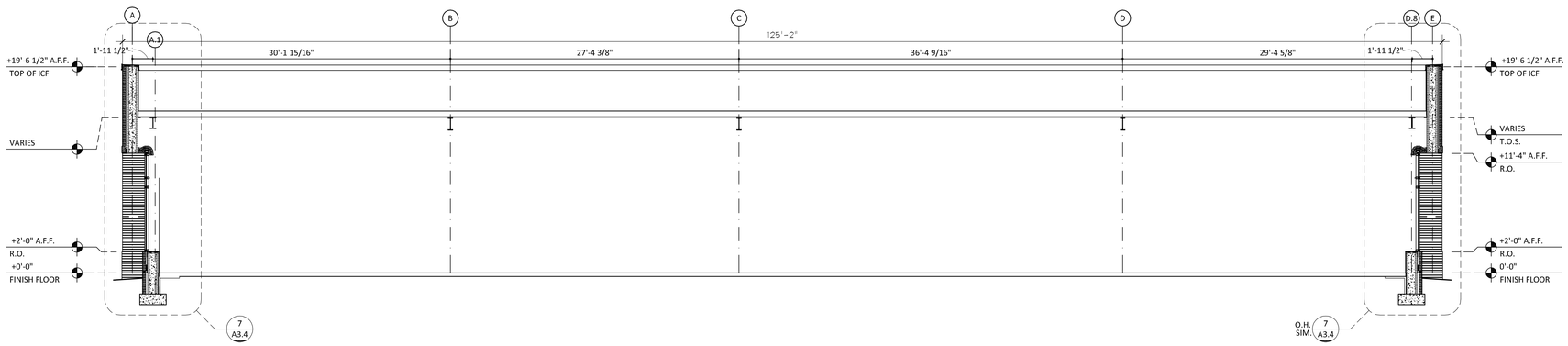
SCALE: 3/16" = 1'-0"



6 BUILDING SECTION

A1.1

SCALE: 3/16" = 1'-0"



7 BUILDING SECTION

A1.1

SCALE: 3/16" = 1'-0"

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architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
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t 919.242.4600
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tma architect p.a. CERT. NO. 50860 GREENSBORO, NC

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4006 HENDERSON DRIVE
JACKSONVILLE, NC
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ONSLOW COUNTY

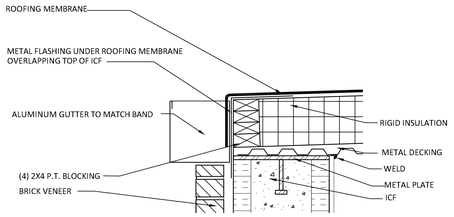
Issue	Date	Description
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Project No.	130202-A
Drawn By	TM/KE
Checked By	TM
CADD Drawing	

BUILDING SECTIONS

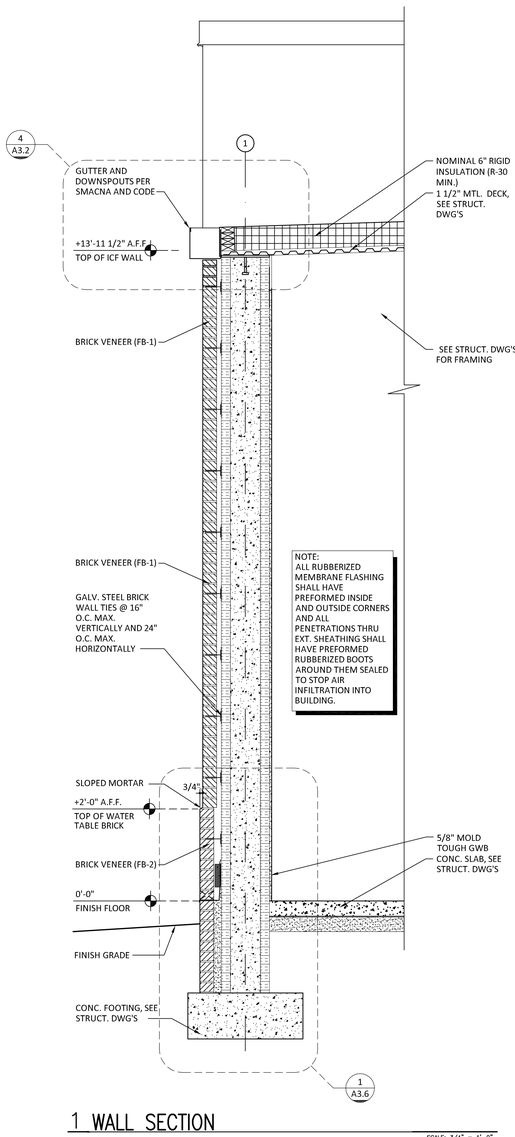
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Sheet _____ of _____



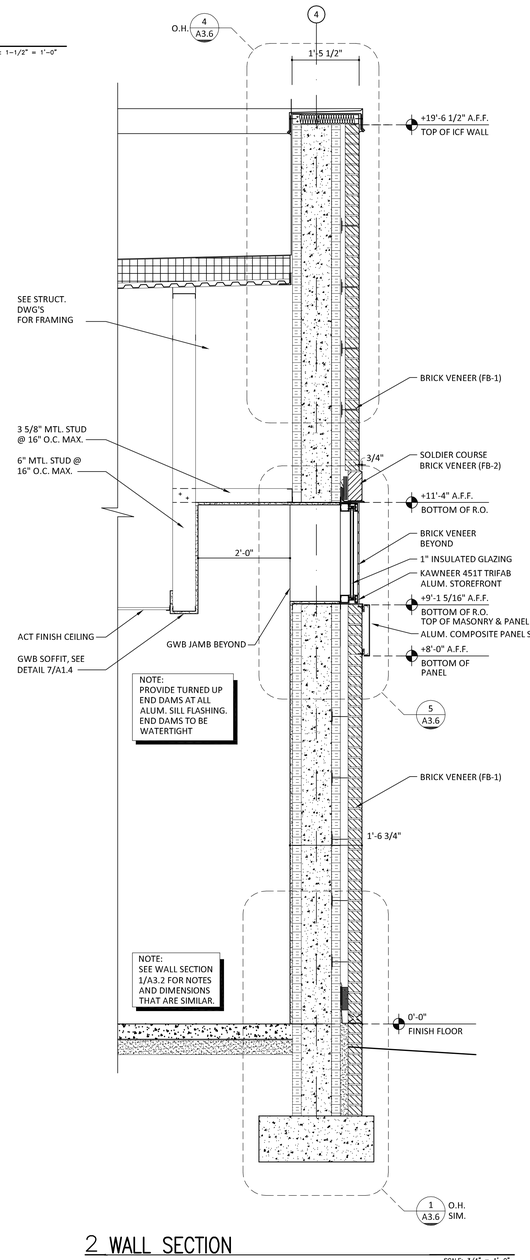
4 GUTTER DETAIL

SCALE: 1-1/2" = 1'-0"



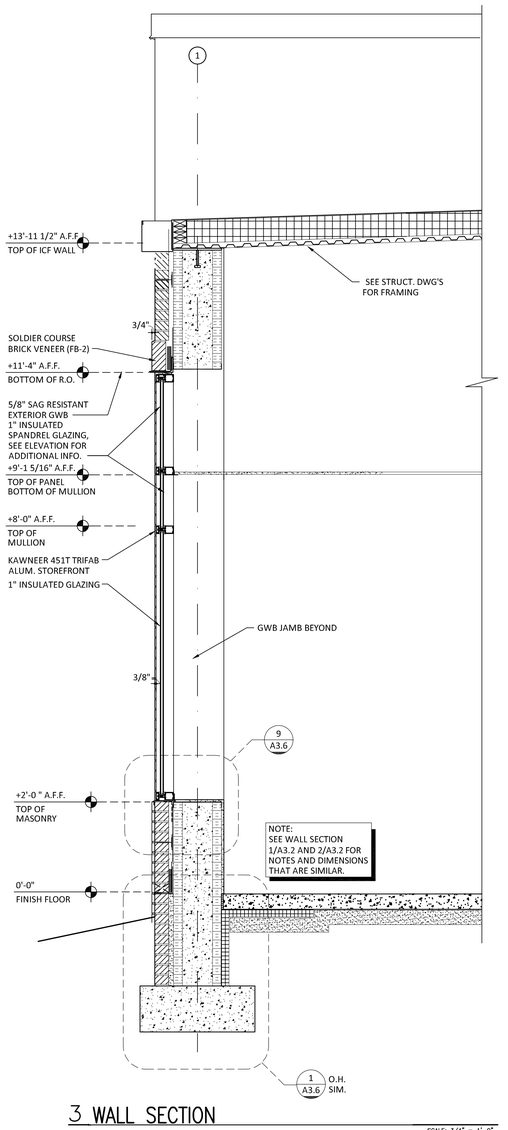
1 WALL SECTION

SCALE: 3/4" = 1'-0"



2 WALL SECTION

SCALE: 3/4" = 1'-0"



3 WALL SECTION

SCALE: 3/4" = 1'-0"

tma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
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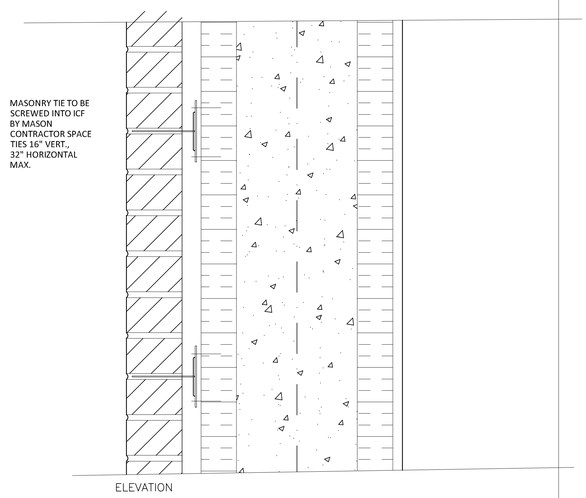
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Checked By:	TM
CADD Drawing:	

WALL SECTIONS

A3.2

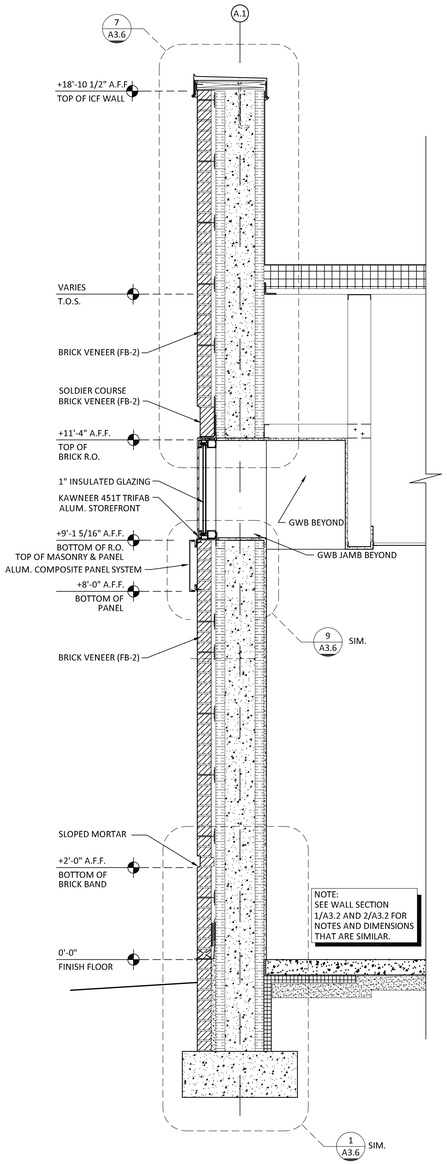
Sheet _____ of _____



4 WALL TIE DETAILS

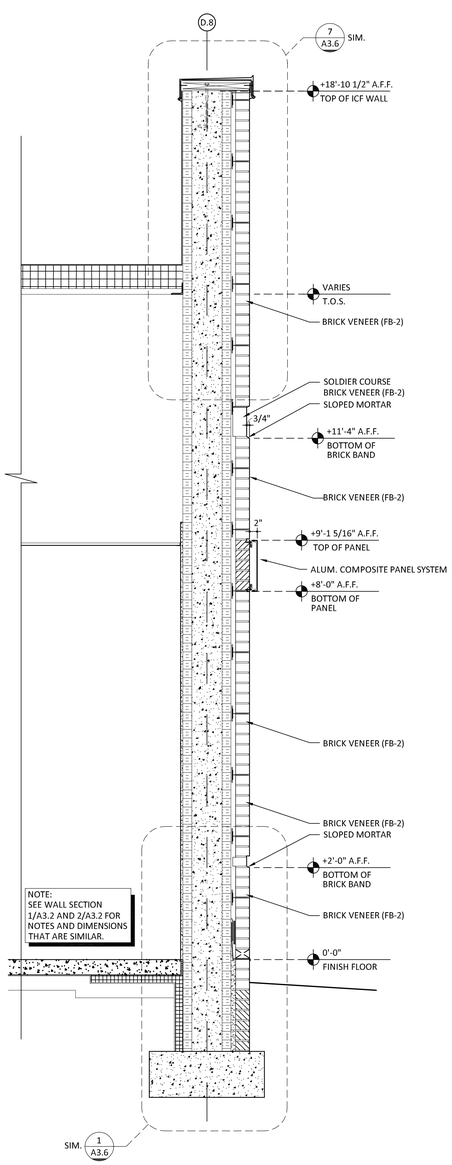
SCALE: 3" = 1'-0"





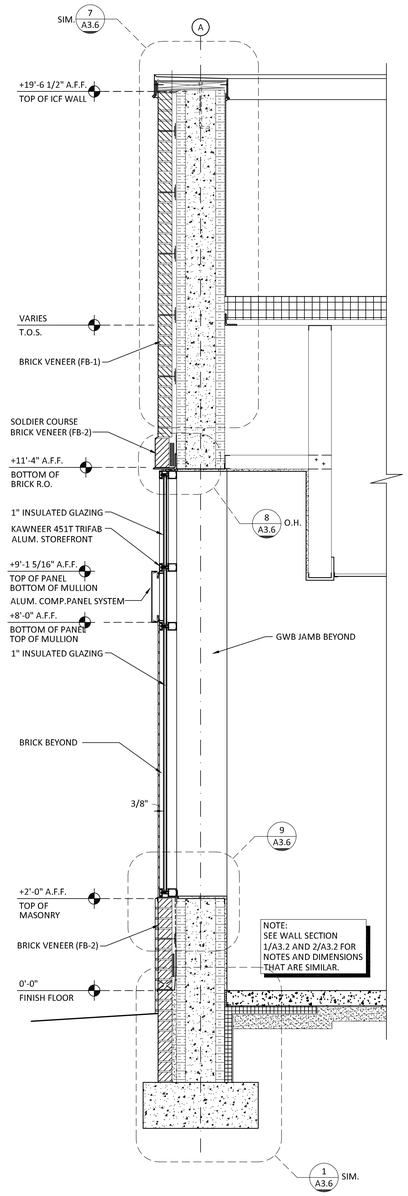
4 WALL SECTION

SCALE: 3/4" = 1'-0"



5 WALL SECTION

SCALE: 3/4" = 1'-0"



6 WALL SECTION

SCALE: 3/4" = 1'-0"

tma
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post office box 39355
greensboro, north carolina 27438
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tma architect, p.a. REGISTERED ARCHITECTURAL CORPORATION CERT. NO. C-0860 NORTH CAROLINA GREENSBORO, NC

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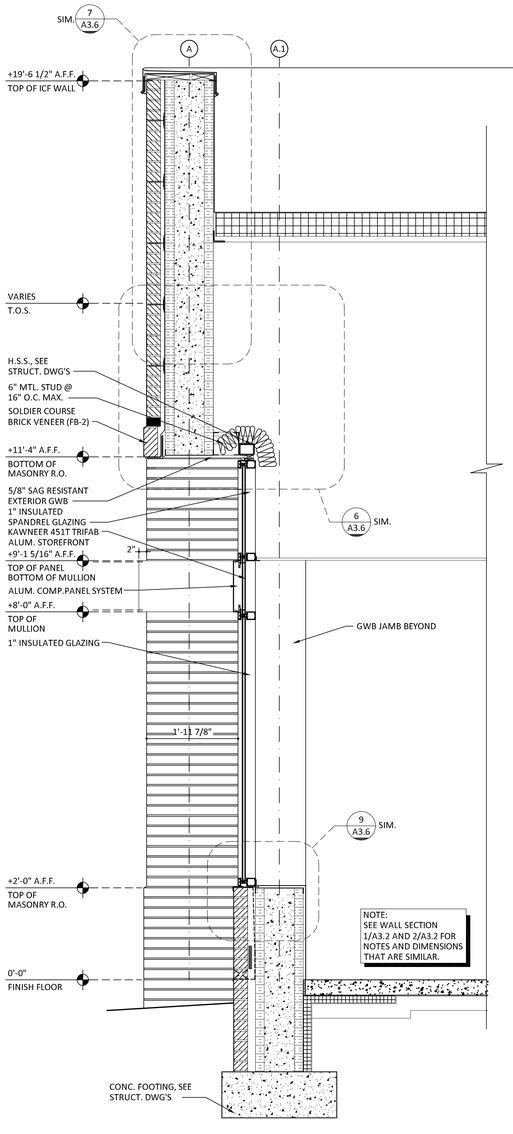
Issue	Date	Description
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Date:	9.30.14
Project No.:	130202-A
Drawn By:	TM/KE
Checked By:	TM
CADD Drawing:	

WALL SECTIONS

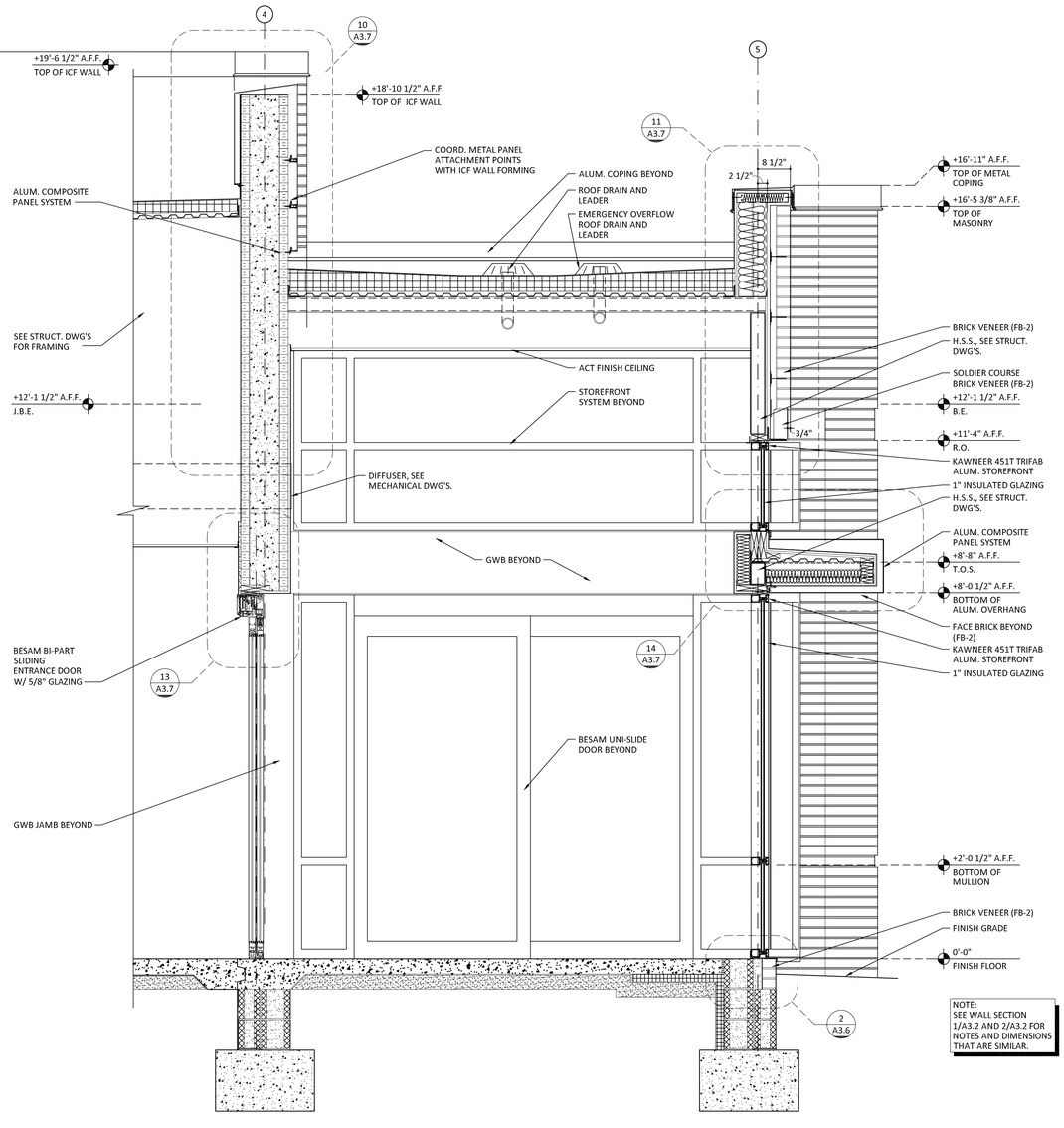
A3.3

Sheet _____ of _____



7 WALL SECTION

SCALE: 3/4" = 1'-0"



8 WALL SECTION

SCALE: 3/4" = 1'-0"

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architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
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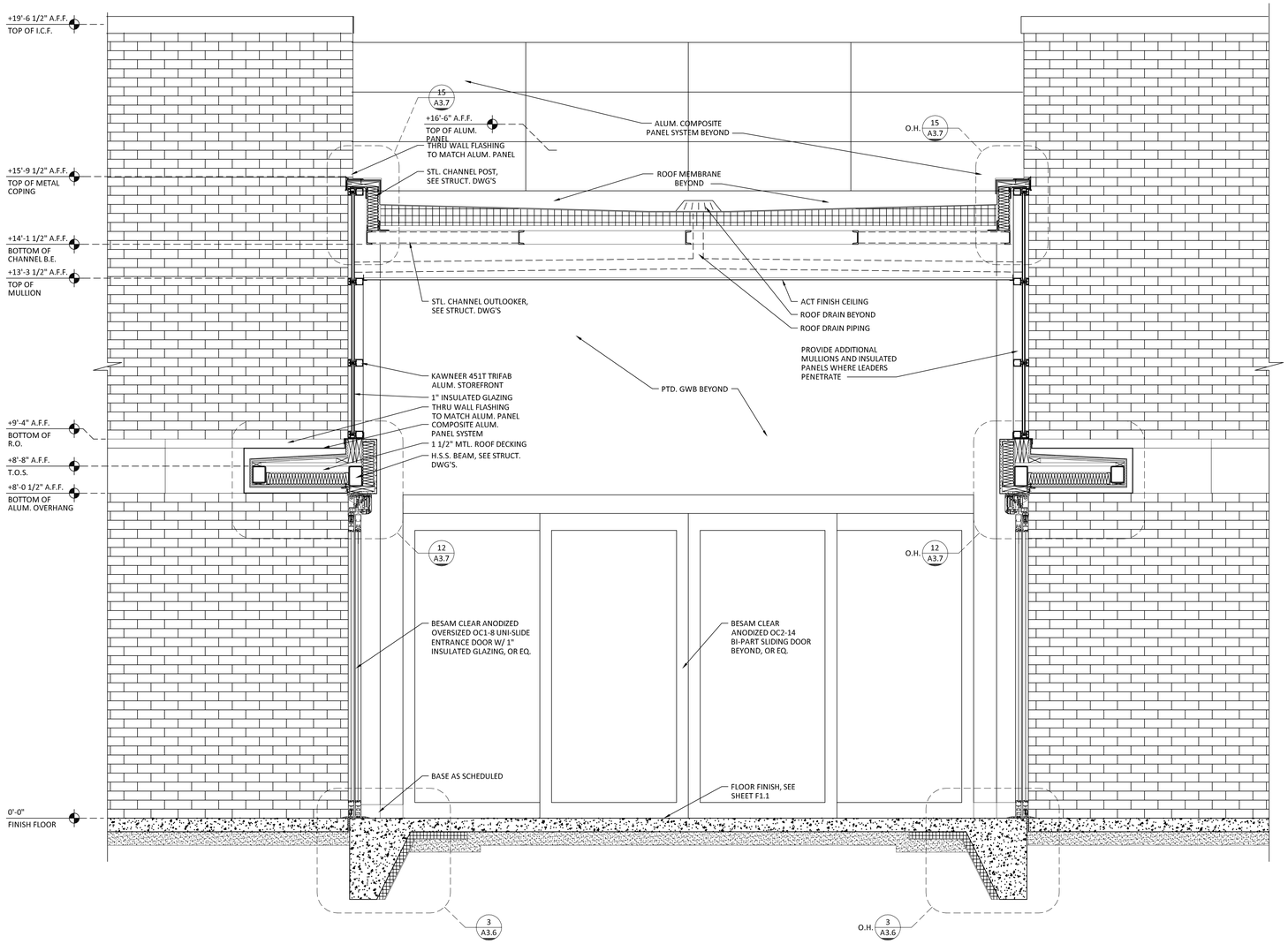
Issue	Date	Description
	9.30.14	ISSUED FOR PERMIT

Date: 9.30.14
Project No.: 130202-A
Drawn By: TM/KE
Checked By: TM
CADD Drawing:

WALL SECTIONS

A3.4

Sheet _____ of _____



9 WALL SECTION

SCALE: 3/4" = 1'-0"

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architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

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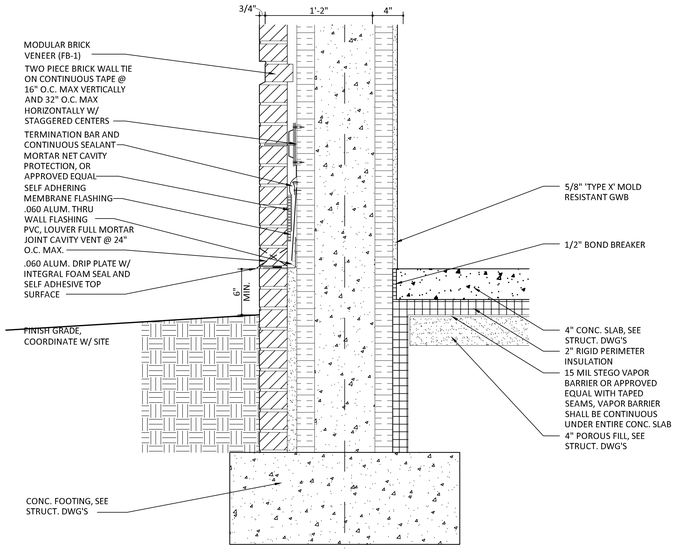
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WALL SECTIONS

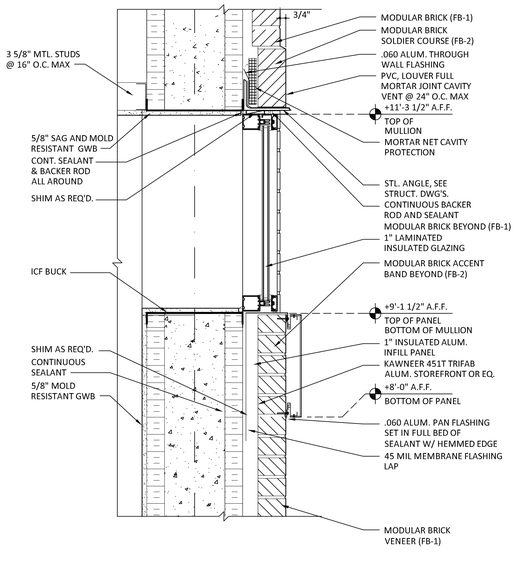
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Sheet _____ of _____

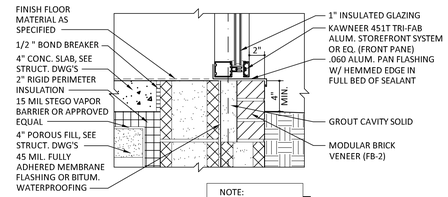


1 WALL SECTION DETAIL
A3.3

1 1/2" = 1'-0"



5 WALL SECTION DETAIL
1 1/2" = 1'-0"



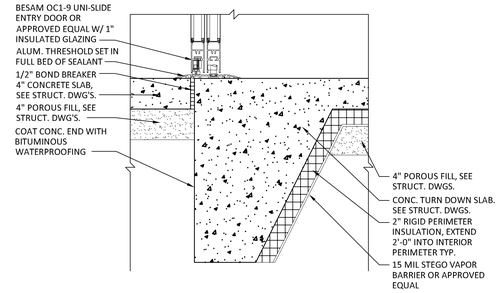
NOTE:
SEE 1/A3.6 FOR NOTES AND DIMENSIONS THAT ARE SIMILAR.

2 WALL SECTION DETAIL
A3.5

1 1/2" = 1'-0"

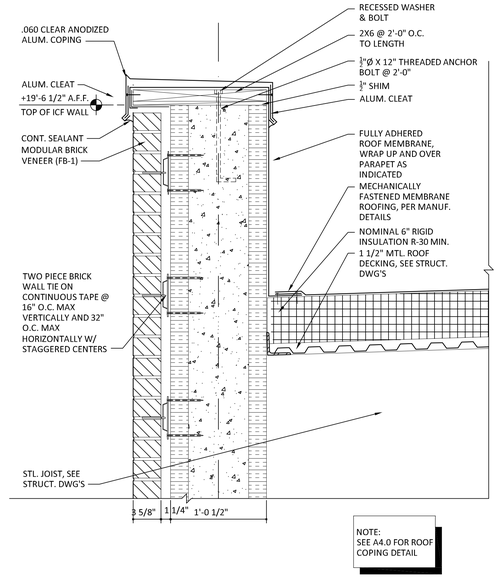
NOTE: PROVIDE WATER TIGHT END DAMS AT ENDS OF ALL HEAD, SILL AND THRU WALL FLASHING.

NOTE: PROVIDE PREMANUFACTURED INSIDE AND OUTSIDE CORNERS AT ALL THRU WALL FLASHING AND END DAM LOCATIONS.



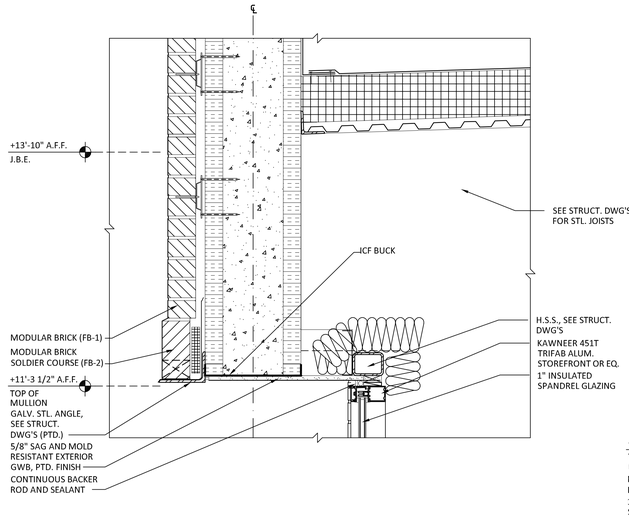
3 WALL SECTION DETAIL
A3.2

1 1/2" = 1'-0"

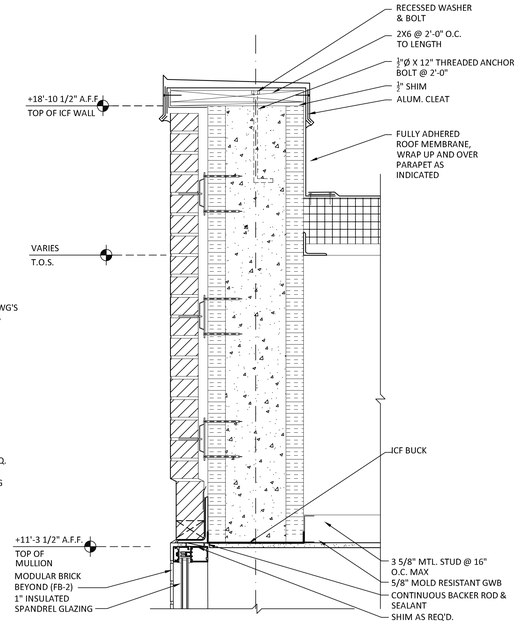


NOTE:
SEE A4.0 FOR ROOF COPING DETAIL

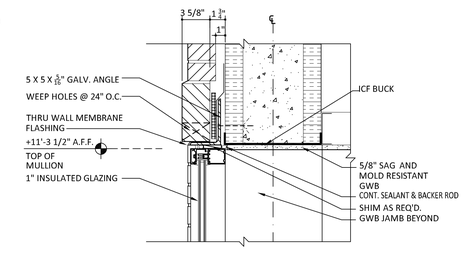
4 WALL SECTION DETAIL
1 1/2" = 1'-0"



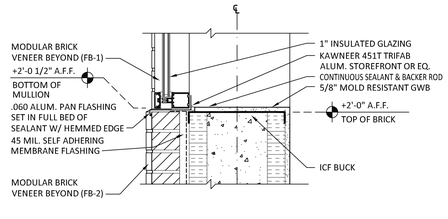
6 WALL SECTION DETAIL
1 1/2" = 1'-0"



7 WALL SECTION DETAIL
1 1/2" = 1'-0"



8 WALL SECTION DETAIL
1 1/2" = 1'-0"



9 WALL SECTION DETAIL
1 1/2" = 1'-0"

tma
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tmaarchitect.com

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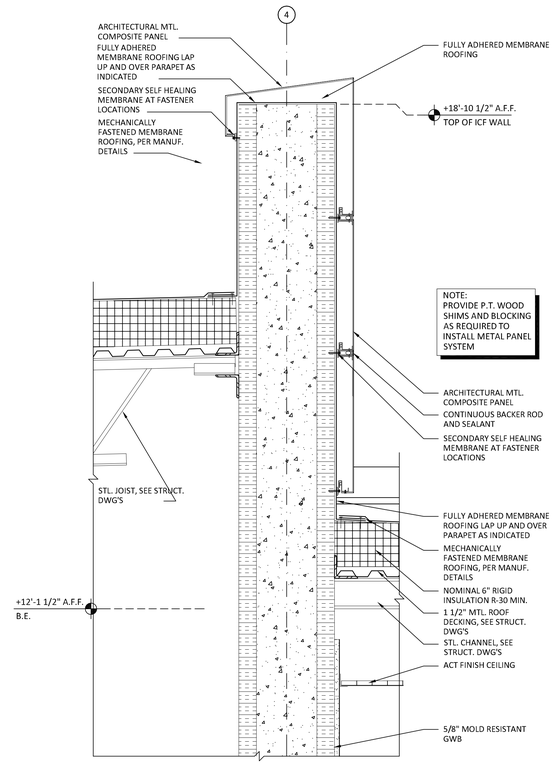
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Project No.:	130202-A
Drawn By:	TM/KE
Checked By:	TM
CADD Drawing:	

WALL SECTION DETAILS

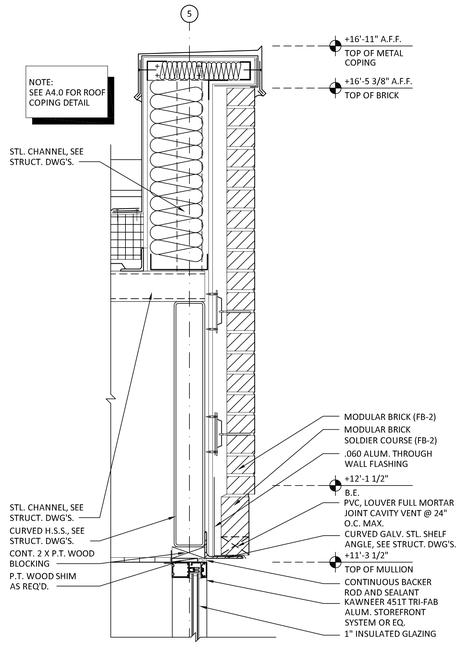
A3.6

Sheet _____ of _____



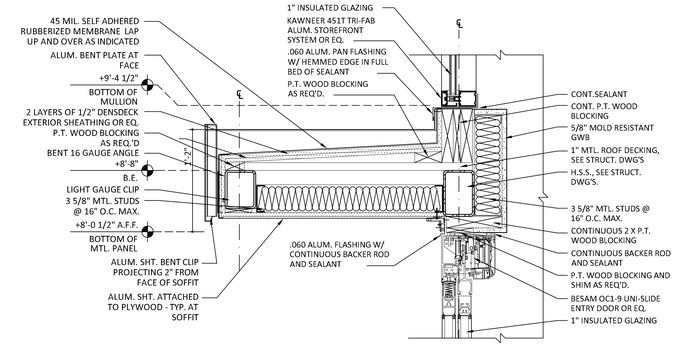
10 WALL SECTION DETAIL

1 1/2" = 1'-0"



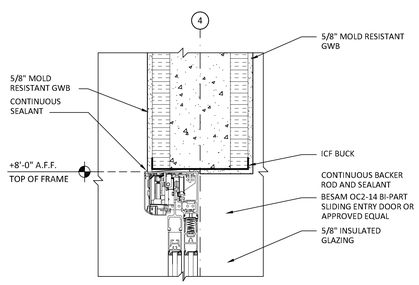
11 WALL SECTION DETAIL

1 1/2" = 1'-0"



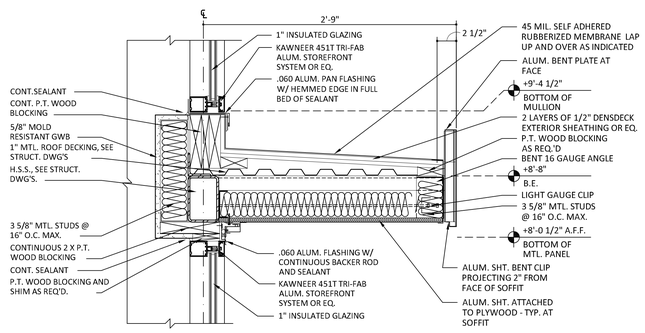
12 WALL SECTION DETAIL

1 1/2" = 1'-0"



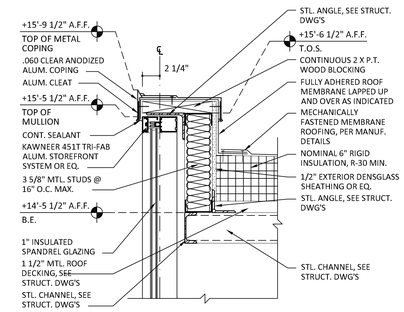
13 WALL SECTION DETAIL

1 1/2" = 1'-0"



14 WALL SECTION DETAIL

1 1/2" = 1'-0"



15 WALL SECTION DETAIL

1 1/2" = 1'-0"

tma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

SCOPE DOCUMENT

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Fremont, NC www.constructionman.com 919-242-4600

CONSTRUCTION MANAGERS, INC
P.O. BOX 1138
FREMONT, NC 27830
t 919.242.4600
f 919.869.2080

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THOMAS MORGAN REGISTERED ARCHITECT 7549 NORTH CAROLINA GREENSBORO, N.C.

tma architect p.a. CERT. NO. 50560 GREENSBORO, NC

SEPT. 30, 2014

PERMIT XXX

JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NC
28546

ONSLOW COUNTY

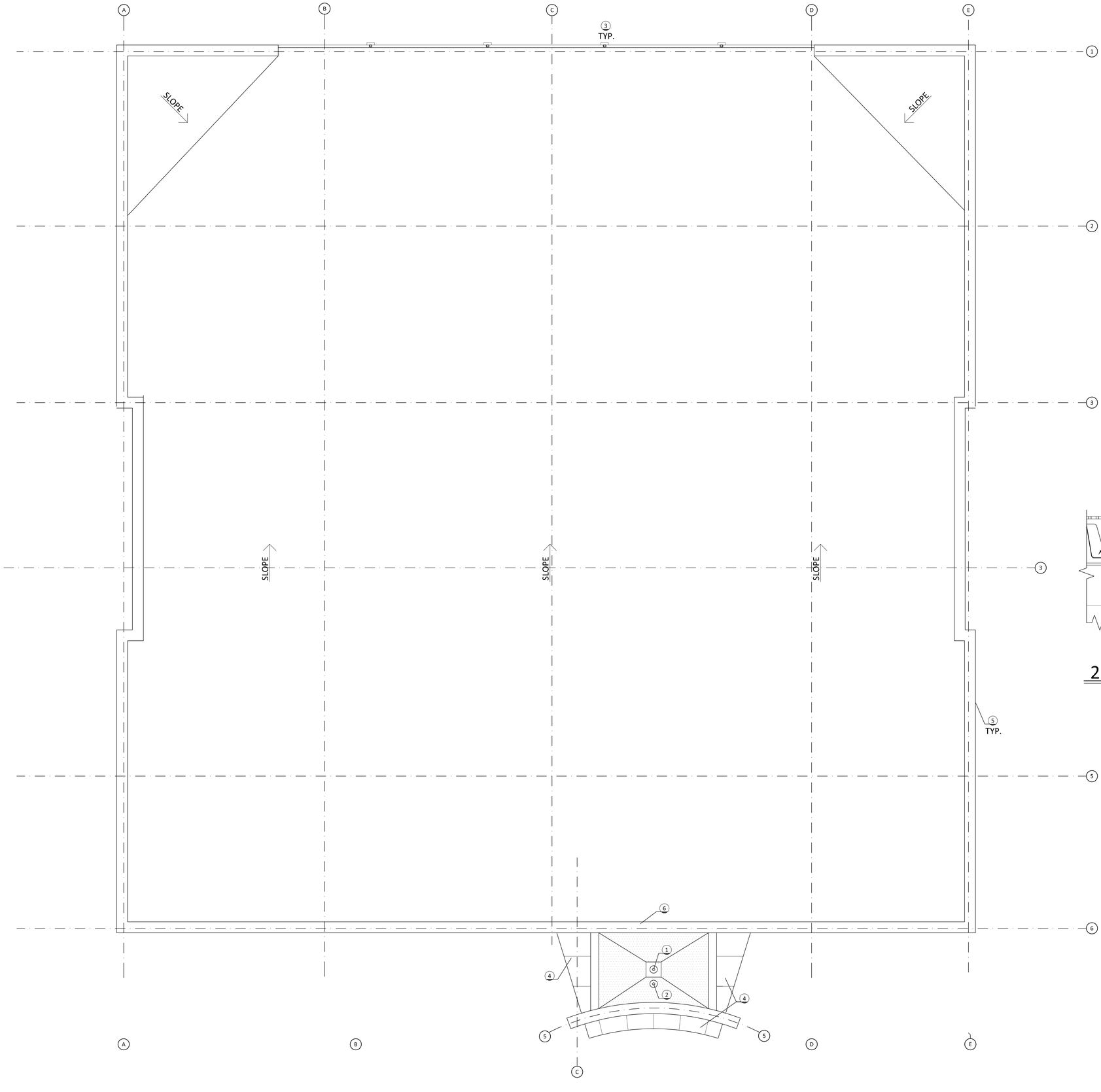
Issue	Date	Description
	9.30.14	ISSUED FOR PERMIT

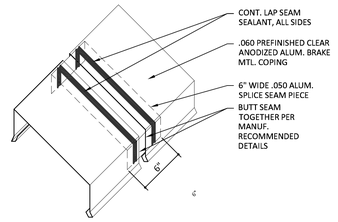
Date:	9.30.14
Project No.:	130202-A
Drawn By:	TM/KE
Checked By:	TM
CADD Drawing:	

WALL SECTION DETAILS

A3.7

Sheet _____ of _____





1 ROOF COPING DETAIL

A4.0 — 1-1/2" = 1'-0"

ROOF PLAN LEGEND

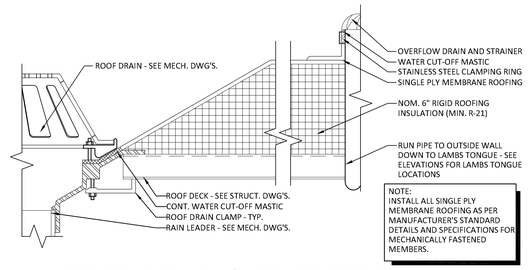
TAPERED INSULATION CRICKETS - 1/2" PER FOOT, TYPICAL. ARROWS INDICATE DIRECTION OF SLOPE.

GENERAL ROOF PLAN NOTES

1 - MINIMUM ROOF SLOPE IS 1/4" PER 1'-0".
2 - ALL ARROWS LABELED "SLOPE" REPRESENT DIRECTION OF DOWNWARD SLOPE.
3 - DESIGN ROOF ATTACHMENT FOR FM GLOBAL I-90.
4 - PROVIDE TAPERED INSULATION CRICKETS WHERE REQUIRED TO DIRECT WATER INTO ROOF DRAINS.
5 - ROOF MEMBRANE SHALL BE FIRESTONE ULTRAPLY WHITE T.P.O. 60 MIL. SINGLE PLY FULLY ADHERED OR ARCHITECT APPROVED EQUAL. ALL COMPONENTS AND ACCESSORIES SHALL BE BY SAME MANUFACTURER.
6 - ROOF WARRANTY SHALL BE 20 YEARS.

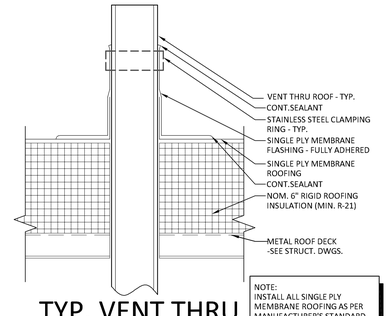
ROOF PLAN NOTES

1. ROOF DRAIN WITH STEEL DOME LEAF GUARD
2. OVERFLOW DRAIN WITH STEEL DOME LEAF GUARD
3. GUTTER AND DOWNSPOUT - SIZE PER CODE AND SMACNA.
4. ARCHITECTURAL METAL PANEL SOFFIT OVERHANG
5. METAL COPING
6. ARCHITECTURAL METAL PANEL COPING



2 ROOF DRAIN & EMERGENCY OVERFLOOR DETAIL AT ENTRY

A4.0 — 3" = 1'-0"



3 TYP. VENT THRU ROOF DETAIL

A4.0 — 3" = 1'-0"

tma
architect, p.a.
tmaarchitect.com

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SEPT. 30, 2014

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ONSLOW COUNTY

Issue	Date	Description
	9.30.14	ISSUED FOR PERMIT

Date: 9.30.14
Project No.: 130202-A
Drawn By: TM/KE
Checked By: TM
CADD Drawing:

ROOF PLAN NOTES AND LEGEND

A4.0

Sheet _____ of _____

DOOR SCHEDULE

DOOR NO.	DOOR SIZE	DOOR TAG	FRAME TAG	HDWR	NOTES
1-100A	8'-0" X 8'-0"	F	ALUM	--	2, 3, 7, 12
1-100B	8'-0" X 8'-0"	F	ALUM	--	2, 3, 7, 12
1-100C	14'-0" X 8'-0"	G	ALUM	--	8, 14
1-101	3'-6" X 7'-0"	B	HM-1	1C	4
1-102	3'-0" X 7'-0"	A	HM-1	1B	
1-103	3'-0" X 7'-0"	A	HM-1	1B	
1-104	3'-0" X 7'-0"	A	HM-3	6A	5, 10
1-105	3'-0" X 7'-0"	A	HM-3	6A	5,10
1-106	3'-0" X 7'-0"	A	HM-3	6A	5, 10
1-107	3'-0" X 7'-0"	A	HM-1	3B	1, 2, 3, 11
1-108	3'-0" X 7'-0"	A	HM-1	1B	
1-109	3'-0" X 7'-0"	A	HM-1	2A	
1-111	3'-0" X 7'-0"	A	HM-1	6A	
1-112	3'-0" X 7'-0"	A	HM-1	6A	
1-113	3'-0" X 7'-0"	A	HM-1	1B	
1-114A	3'-0" X 7'-0"	A	HM-1	6B	
1-114B	3'-0" X 7'-0"	A	HM-3	6A	5, 10
1-115	NOT USED				
1-116A	3'-0" X 7'-0"	A	HM-1	6A	
1-116B	3'-0" X 7'-0"	A	HM-3	6A	5, 10
1-118	3'-0" X 7'-0"	A	HM-1	1B	
1-119	3'-0" X 7'-0"	B	HM-1	6B	
1-120	3'-0" X 7'-0"	D	HM-2	6B	
1-121	3'-0" X 7'-0"	A	HM-1	6B	
1-122	3'-0" X 7'-0"	A	HM-1	6B	
1-123	3'-0" X 7'-0"	A	HM-1	2A	
1-124	3'-6" X 7'-0"	A	HM-3	6A	5, 10
1-125	3'-0" X 7'-0"	A	HM-1	6A	5, 10
1-126	3'-0" X 7'-0"	A	HM-1	1B	13
1-127	3'-0" X 7'-0"	A	HM-1	1B	13
1-128	3'-0" X 7'-0"	A	HM-1	1B	
1-129	3'-0" X 7'-0"	A	HM-1	1B	
1-130A	3'-0" X 7'-0"	A	HM-1	6B	
1-130B	3'-0" X 7'-0"	A	-	8B	
1-131A	3'-0" X 7'-0"	A	HM-1	6B	
1-131B	3'-0" X 7'-0"	A	-	8B	
1-132A	3'-6" X 7'-0"	A	HM-1	6B	
1-132B	3'-0" X 7'-0"	A	-	8B	
1-133	3'-0" X 7'-0"	A	HM-3	6A	5, 10
1-134	3'-0" X 7'-0"	A	HM-1	1B	
1-135A	3'-6" X 7'-0"	A	HM-1	6B	
1-135B	3'-0" X 7'-0"	A	-	8B	
1-136A	3'-6" X 7'-0"	A	HM-1	6B	
1-136B	3'-0" X 7'-0"	A	-	8B	
1-137	3'-0" X 7'-0"	A	HM-1	2A	
1-138A	3'-6" X 7'-0"	A	HM-1	6B	
1-138B	3'-0" X 7'-0"	A	-	8B	
1-139A	3'-6" X 7'-0"	A	HM-1	6B	
1-139B	3'-0" X 7'-0"	A	-	8B	
1-140A	3'-0" X 7'-0"	A	HM-1	6B	
1-140B	3'-0" X 7'-0"	A	-	8B	
1-141A	3'-6" X 7'-0"	A	HM-1	6B	
1-141B	3'-0" X 7'-0"	A	-	8B	
1-142A	3'-0" X 7'-0"	A	HM-1	6B	
1-142B	3'-0" X 7'-0"	A	-	8B	
1-143A	3'-6" X 7'-0"	C	HM-1	3C	1, 2, 3, 4

DOOR SCHEDULE CONT.

DOOR NO.	DOOR SIZE	DOOR TAG	FRAME TAG	HDWR SET	NOTES
1-143B	3'-6" X 7'-0"	C	HM-1	3C	1, 2, 3, 4
1-144	3'-0" X 7'-0"	A	HM-3	6A	5, 10
1-145A	3'-0" X 7'-0"	A	HM-1	6B	
1-145B	3'-0" X 7'-0"	A	-	8B	
1-146A	3'-6" X 7'-0"	A	HM-1	6B	
1-146B	3'-0" X 7'-0"	A	-	8B	
1-147A	3'-0" X 7'-0"	A	HM-1	6B	
1-147B	3'-0" X 7'-0"	A	-	8B	
1-148A	3'-6" X 7'-0"	A	HM-1	6B	
1-148B	3'-0" X 7'-0"	A	-	8B	
1-149A	3'-0" X 7'-0"	A	HM-1	6B	
1-149B	3'-0" X 7'-0"	A	-	8B	
1-150	3'-0" X 7'-0"	A	HM-1	2A	
1-151A	3'-0" X 7'-0"	A	HM-1	6B	
1-151B	3'-0" X 7'-0"	A	-	8B	
1-152A	3'-0" X 7'-0"	A	HM-1	6B	
1-152B	3'-0" X 7'-0"	A	-	8B	
1-153	3'-0" X 7'-0"	A	HM-1	1B	
1-154	3'-0" X 7'-0"	A	HM-3	6A	5, 10
1-155A	3'-0" X 7'-0"	A	HM-1	6B	
1-155B	3'-0" X 7'-0"	A	-	8B	
1-156A	3'-0" X 7'-0"	A	HM-1	6B	
1-156B	3'-0" X 7'-0"	A	-	8B	
1-157A	3'-0" X 7'-0"	A	HM-1	6B	
1-157B	3'-0" X 7'-0"	A	-	8B	
1-158	3'-0" X 7'-0"	A	HM-1	1A	1, 4, 7, 11
1-159	3'-0" X 7'-0"	A	HM-1	1A	
1-160	3'-0" X 7'-0"	A	HM-1	2A	
1-161	3'-0" X 7'-0"	A	HM-1	1B	
1-162	3'-0" X 7'-0"	A	HM-1	1B	
1-163	3'-0" X 7'-0"	A	HM-1	1B	
1-164	3'-0" X 7'-0"	A	HM-3	6A	5, 10
1-165	3'-0" X 7'-0"	A	HM-1	6B	
1-166	3'-0" X 7'-0"	A	HM-1	6B	
1-167	3'-0" X 7'-0"	A	HM-1	6B	
1-168	3'-0" X 7'-0"	A	HM-1	6B	
1-169	3'-0" X 7'-0"	A	HM-1	6B	
1-170	3'-0" X 7'-0"	A	HM-1	2A	
1-171	3'-0" X 7'-0"	A	HM-1	1A	
1-172	3'-0" X 7'-0"	A	HM-1	6A	5, 10
1-173	3'-0" X 7'-0"	A	HM-1	1A	7, 11
1-174A	3'-0" X 7'-0"	A	HM-1	1B	
1-174B	3'-0" X 7'-0"	A	HM-1	1B	
1-175	3'-0" X 7'-0"	A	HM-1	1B	
1-176	3'-0" X 7'-0"	A	HM-1	1B	
1-177	3'-0" X 7'-0"	A	HM-1	1B	1, 4, 7
1-178	NOT USED				
1-179	3'-0" X 7'-0"	A	HM-1	9A	
1-180	3'-0" X 7'-0"	A	HM-1	9A	
1-181	3'-0" X 7'-0"	C	HM-1	7A	11
1-182	3'-0" X 7'-0"	C	HM-1	7A	11
C-101	3'-0" X 7'-0"	E	AL-1	10A	
C-104	3'-0" X 7'-0"	E	AL-1	10A	
C-106A	3'-0" X 7'-0"	A	HM-1	10A	
C-106B	3'-0" X 7'-0"	E	AL-1	10A	

DOOR SCHEDULE NOTES:

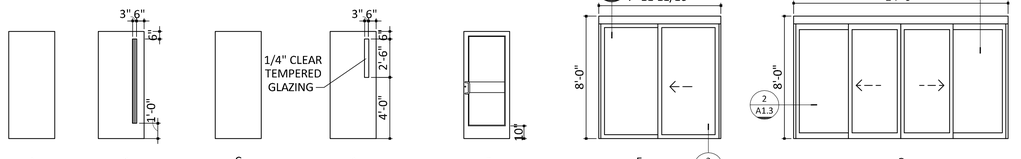
1. CARD READER ACCESS.
2. PROVIDE DOOR CONTACTS.
3. PROVIDE INTRUSION DETECTION AND DIRECT CALL TO POLICE TIED INTO TENANT'S SECURITY SYSTEM. USE SONITROL OR EQUAL.
4. PROVIDE ELECTRIC STRIKE
5. PROVIDE AND INSTALL ROBE HOOK (F) @ 48" A.F.F. ON BACK OF DOOR. MEET ANSI A117.1 STANDARDS.
6. PROVIDE AND INSTALL ROBE HOOK (F) @ 48" A.F.F. ON BACK OF DOOR. MEET ANSI A117.1 STANDARDS.
7. DOOR HARDWARE TO BE INSTALLED BY DOOR MANUFACTURER. PROVIDE DEADBOLT WITH KEY LOCK FOR SECONDARY LOCKING..
8. DOOR HARDWARE TO BE INSTALLED BY DOOR MANUFACTURER.
9. NOT USED
10. PROVIDE AND INSTALL SOUND SEALS.
11. PROVIDE DOOR HINGES W/ NON-REMOVABLE PINS THIS DOOR.
12. SEE ELECTRICAL DWG'S. FOR REMOTE MOTOR SWITCH LOCATION.
13. DOOR AND FRAME TO BE 45 MIN. RATED

GENERAL DOOR NOTES:

1. SEE SPECIFICATIONS FOR ADDITIONAL HARDWARE INFORMATION AND REQUIREMENTS.
2. CONTRACTOR SHALL PROVIDE ALL NECESSARY HARDWARE AND ACCESSORIES TO ENSURE FULL FUNCTIONALITY OF EACH DOOR.
3. ALL DOOR HARDWARE SHALL BE ANSI A117.1A COMPLIANT.
4. ALL DOOR FRAMES SHALL BE EQUIPPED WITH DOOR SILENCERS UNLESS SCHEDULED TO RECEIVE SOUND SEALS.
5. ANY DOOR WITH A CLOSER SHALL HAVE ITS SWEEP PERIOD ADJUSTED SO THAT FROM AN OPEN POSITION TO 90°, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 INCHES SEPARATING THE LATCH AND THE LEADING EDGE OF THE DOOR. DOOR OPENING FORCE FOR PUSHING OR PULLING SHALL NOT EXCEED 5 POUNDS FORCE.
6. PROVIDE GREY DOOR CONTACTS ON ALL EXTERIOR DOORS.
7. PROVIDE TACTILE EXIT SIGNS AT EACH EXIT DOOR THAT COMPLIES WITH ICC A117.1.

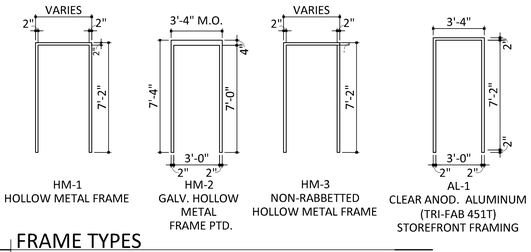
HARDWARE SCHEDULE

SET NO.	FUNCTION	HINGES	STOP	CLOSER	NOTES
SET #1A	CLASSROOM LOCKSET	1 1/2 PR. BUTT	WALL	YES	-
SET #1B	CLASSROOM LOCKSET	1 1/2 PR. BUTT	WALL	NO	-
SET #1C	CLASSROOM LOCKSET	2 PR. BUTT	WALL	NO	-
SET #2A	PASSAGE LATCHSET	1 1/2 PR. BUTT	-	NO	B
SET #2B	PASSAGE LATCHSET	1 1/2 PR. BUTT	WALL	YES	-
SET #2C	PASSAGE LATCHSET	CONT. HINGE	WALL	NO	-
SET #3A	ENTRANCE/OFFICE LOCKSET	1 1/2 PR. BUTT	WALL	YES	-
SET #3B	ENTRANCE LOCKSET (MORTISE)	2 PR. BUTT	-	YES	C,F
SET #3C	ENTRANCE LOCKSET (MORTISE)	1 1/2 NRP PR. BUTT	-	YES	C,F
SET #4A	PRIVACY LOCKSET	1 1/2 PR. BUTT	WALL	NO	A
SET #5A	CIPHER LOCK	1 1/2 PR. BUTT	WALL	YES	-
SET #6A	ENTRANCE/PRIVACY LOCKSET	PIVOT SET	WALL	NO	D
SET #7A	STORAGE LOCKSET	1 1/2 NRP. BUTT	-	YES	C
SET #8A	PASSAGE LATCHSET	1 1/2 PR. BUTT	WALL	NO	-
SET #8B	-	-	-	-	H
SET #8C	PASSAGE LATCHSET	2 PR. BUTT	WALL	NO	-
SET #9A	PUSH/ PULLS	1 1/2 PR. BUTT	WALL	YES	-
SET #10A	-	2 PAIR NRP BUTT	-	YES	



DOOR TYPES

A3.0 — 1/4" = 1'-0"

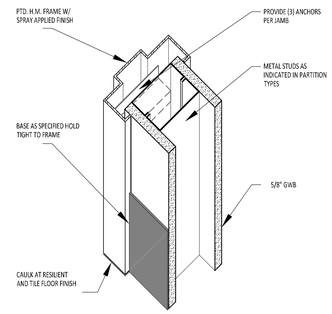


FRAME TYPES

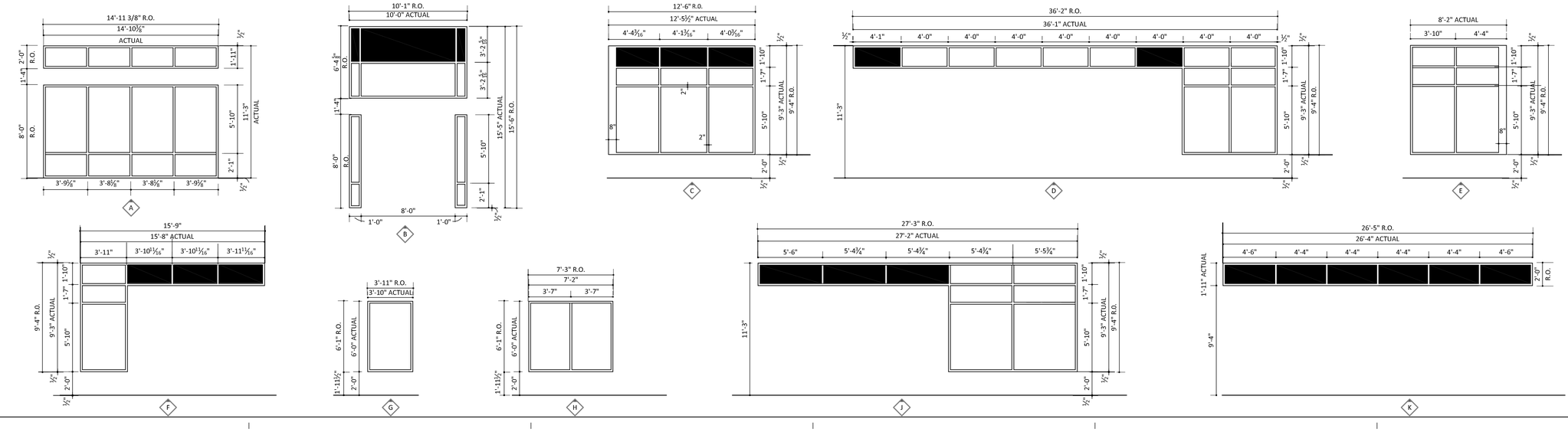
A3.0 — 1/4" = 1'-0"

HARDWARE SCHEDULE NOTES:

A. PROVIDE SOUND SEALS.
B. WALL OR FLOOR STOP BASED ON LOCATION.
C. PROVIDE DOOR SEALS, DRIP CAP AT DOOR HEAD, THRESHOLD AND DOOR BOTTOM SEAL.
D. PROVIDE EMERGENCY STOP AND STRIKE.
E. PROVIDE KAWNEER PANELINE EL EXIT DEVICE, POWER TRANSFER INTERMEDIATE BUTT HINGE(S), ELECTRIC POWER TRANSFER (EPT), SP1000 POWER SUPPLY, CPN EXTERIOR PULL AND CYLINDER GUARD.
F. PROVIDE DEAD BOLT WITH THUMB TURN.
G. NOT USED
H. PROVIDE THE FOLLOWING DOOR HARDWAR:
(1)PEMKO SIDEWALL TRACK, 280SWTKIT/6
(1)HAGER FLUSH PULL ON EXAM SIDE OF DOOR, 155, US26D FINISH
(1)HAGER DOOR PULL ON CORRIDOR SIDE OF DOOR, 922P CONTINOUS, 10", US26D FINISH



1 TYPICAL JAMB DETAIL — A3.0 — 3/16"=1'-0"



tma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
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t 919.242.4600
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THOMAS MORGAN REGISTERED ARCHITECT 7549 NORTH CAROLINA GREENSBORO, N.C.

tma architect, p.a. CERT. NO. C0860 GREENSBORO, NC

OCT. 21, 2014

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JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NC
28546

ONSLOW COUNTY

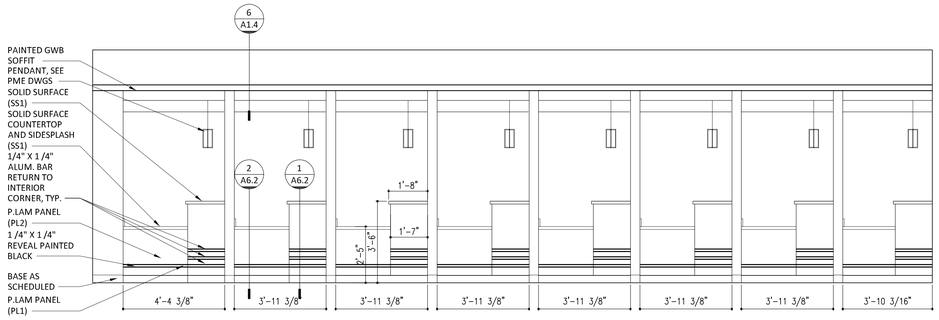
Issue	Date	Description
	10.21.14	ISSUED FOR PERMIT

Date:	10.21.14
Project No.:	130202-A
Drawn By:	TM/KE
Checked By:	TM
CADD Drawing:	

DOOR SCHEDULE STOREFRONT ELEVATIONS AND DETAILS

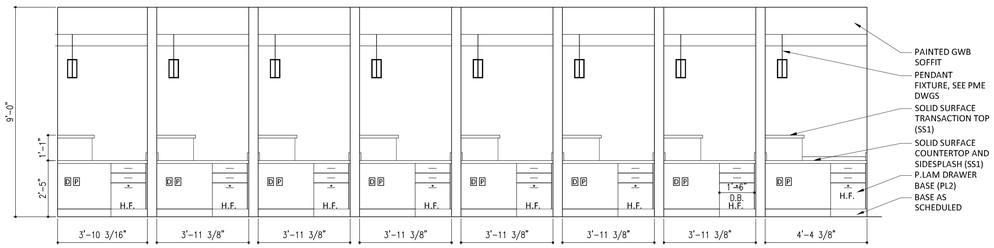
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Sheet _____ of _____



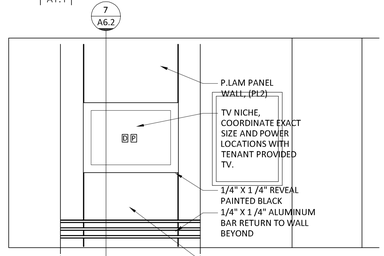
A | WAITING 1–101

A1.1 | VARIES 3/8" = 1'-0"



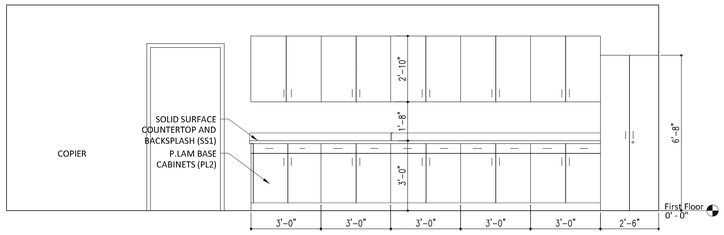
B | CHECK–IN 1–102

A1.1 | VARIES 3/8" = 1'-0"



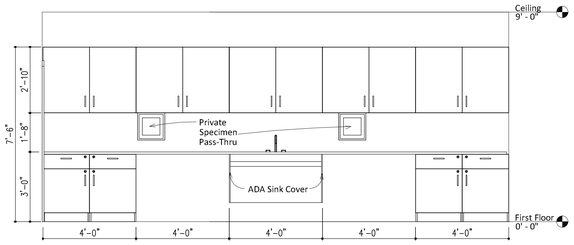
C | WAITING ROOM 1–101

A1.1 | VARIES 3/8" = 1'-0"



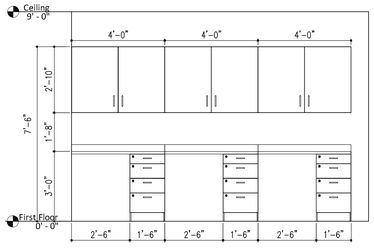
D | CHECK–IN 1–102

A1.1 | VARIES 3/8" = 1'-0"



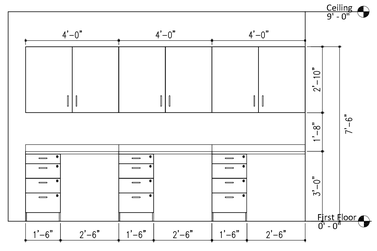
E | LAB 1–107

A1.1 | VARIES 3/8" = 1'-0"



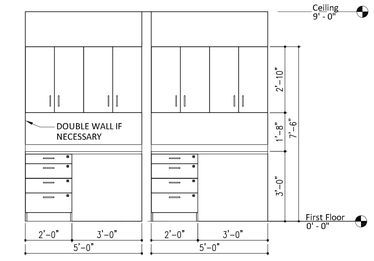
F | NURSE/WORK 1–150

A1.1 | VARIES 3/8" = 1'-0"



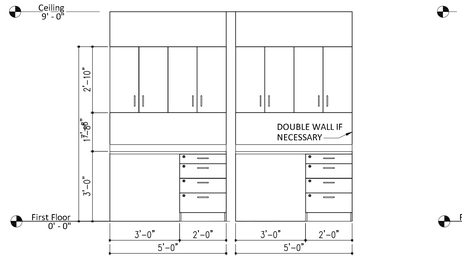
G | NURSE/WORK 1–137

A1.1 | VARIES 3/8" = 1'-0"



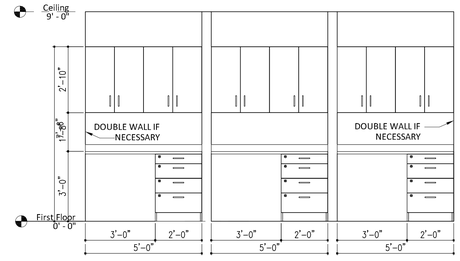
H | PROVIDER WK 1–123

A1.1 | VARIES 3/8" = 1'-0"



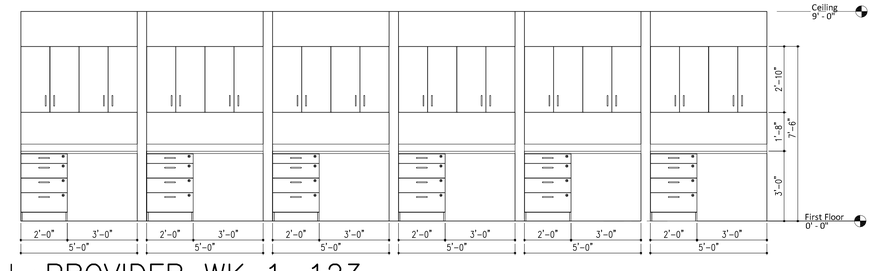
J | PROVIDER WK 1–123

A1.1 | VARIES 3/8" = 1'-0"



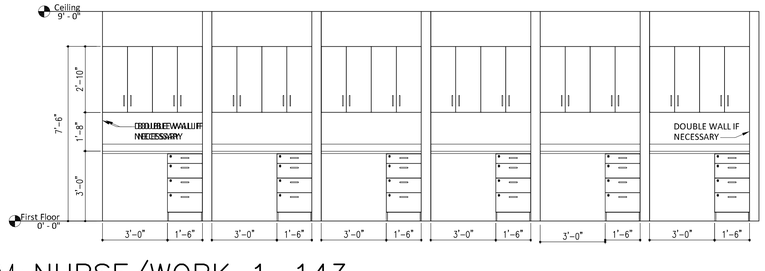
K | PROVIDER WK 1–123

A1.1 | VARIES 3/8" = 1'-0"



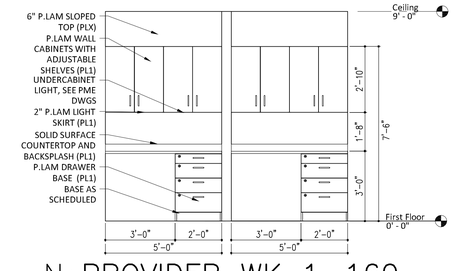
L | PROVIDER WK 1–123

A1.1 | VARIES 3/8" = 1'-0"



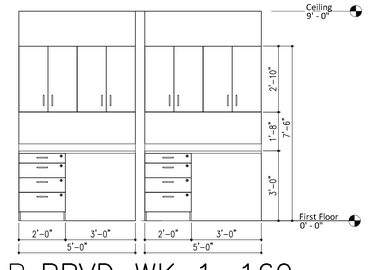
M | NURSE/WORK 1–143

A1.1 | VARIES 3/8" = 1'-0"



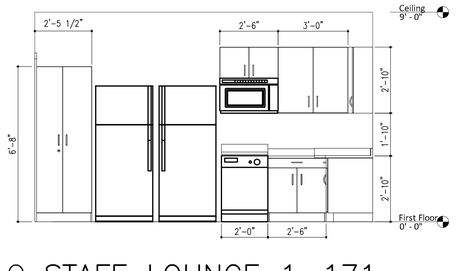
N | PROVIDER WK 1–160

A1.1 | VARIES 3/8" = 1'-0"



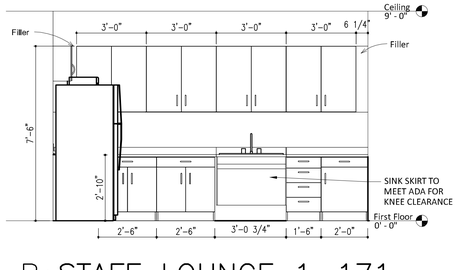
P | PRVD WK 1–160

A1.1 | VARIES 3/8" = 1'-0"



Q | STAFF LOUNGE 1–171

A1.1 | VARIES 3/8" = 1'-0"



R | STAFF LOUNGE 1–171

A1.1 | VARIES 3/8" = 1'-0"

tma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

SCOPE DOCUMENT

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DEVELOPER/CONTRACTOR:

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Design-Build Management
Fremont, NC www.constructionman.com 919-242-4600

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P.O. BOX 1138
FREMONT, NC 27830
t 919.242.4600
f 919.869.2080

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THOMAS MOREAU REGISTERED ARCHITECT 7549 NORTH CAROLINA GREENSBORO, N.C.
tma architect p.a. CERTIFICATE OF AUTHORIZATION CERT. NO. 50860 NORTH CAROLINA GREENSBORO, NC
OCT. 21, 2014

PERMIT XXX

JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NC
28546

ONSLOW COUNTY

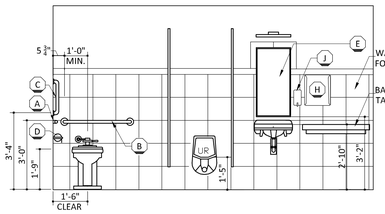
Issue	Date	Description
	10.21.14	ISSUED FOR PERMIT

Date:	10.21.14
Project No.:	130202-A
Drawn By:	TM/KE
Checked By:	TM
CADD Drawing:	

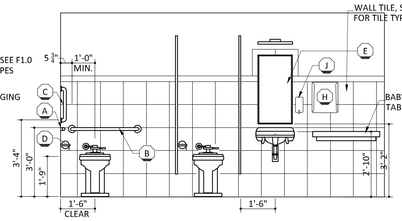
CASEWORK ELEVATIONS AND NOTES

A6.0

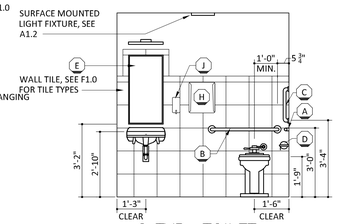
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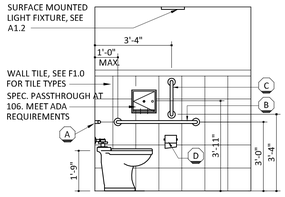
A MAIN TOILET ELEV.
A1.1 | 3/8" = 1'-0"



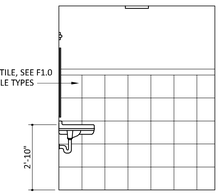
B MAIN TOILET ELEV.
A1.1 | 3/8" = 1'-0"



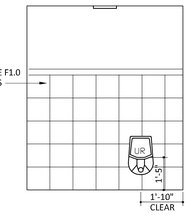
C TYP. TOILET
A1.1 | 3/8" = 1'-0"



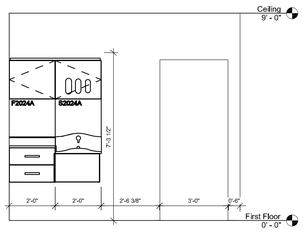
D TYP. TOILET
A1.1 | 3/8" = 1'-0"



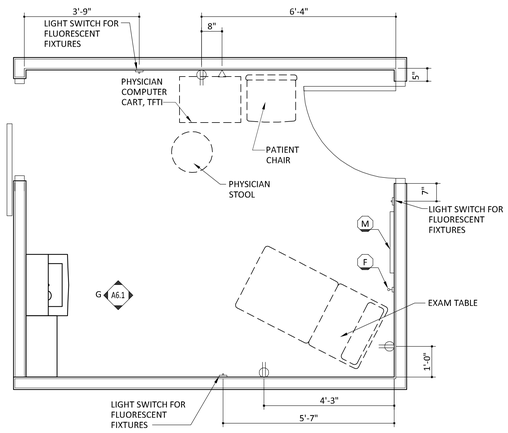
E TYP. TOILET
A1.1 | 3/8" = 1'-0"



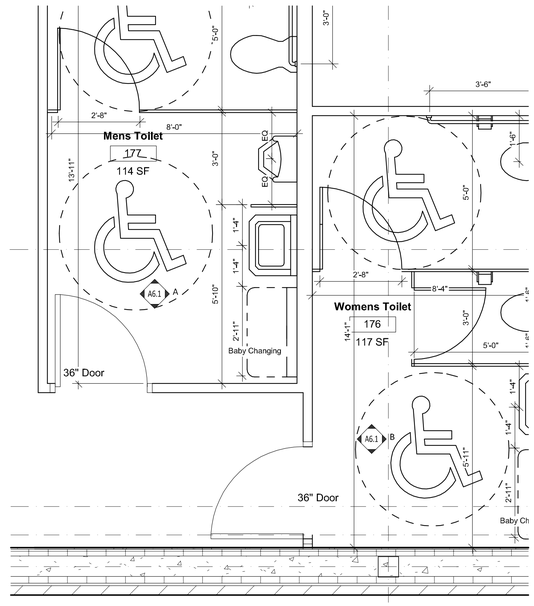
F TYP. TOILET
A1.1 | 3/8" = 1'-0"



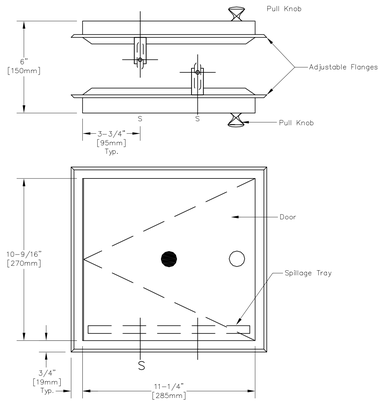
G TYP. EXAM ROOM UNIT
A1.1 | 3/8" = 1'-0"



1 TYP. ENLARGED EXAM PLAN
A1.0 | 1/2" = 1'-0"



2 TYP. ENLARGED MAIN TOILET RM. PLAN
A1.0 | 1/2" = 1'-0"



SPECIMEN
PASS-THRU CABINET
B-505.DWG

ACCESSORY SCHEDULE

TAG	PRODUCT	PRODUCT NO.	MOUNTING HEIGHT	NOTES
A	BOBRICK GRAB BAR	B-6806X42	36" A.F.F. TO CENTERLINE	
B	BOBRICK GRAB BAR	B-6806X36	36" A.F.F. TO CENTERLINE	
C	BOBRICK GRAB BAR	B-6806X18	40" A.F.F. TO CENTERLINE	1
D	TOILET PAPER HOLDER	B-2888	21" A.F.F. TO BOTTOM EDGE	
E	BOBRICK FRAMED MIRROR	B-290 24X36	38" A.F.F. TO BOTTOM EDGE	
F	BOBRICK ROBE HOOK	B-983	VARIES	1
G	BOBRICK SPECIMEN PASS THRU	B-505	COORDINATE W/ CASEWORK	1
H	PAPER TOWEL DISPENSER	59466	40" A.F.F. TO BOTTOM EDGE OR COORDINATE WITH CASEWORK	AUTOMATIC BATTERY OPERATED (ENMOTION BY GEORGIA PACIFIC)
J	SOAP DISPENSER	1307Q5	38" A.F.F. TO BOTTOM EDGE OR COORDINATE WITH CASEWORK	AUTOMATIC BATTERY OPERATED (STERIS)
K	MOP STRIP	B-223	60" A.F.F TO CENTERLINE	1
L	KOALA KARE BABY CHANGING STATION	KB200	31" TO BOTTOM EDGE	
M	BOBRICK FRAMED MIRROR	B-290 18X24	48" A.F.F. TO BOTTOM EDGE	

ACCESSORY SCHEDULE NOTES

1. SEE FLOOR PLAN, DOOR SCHEDULE & NOTES FOR ADDITIONAL LOCATIONS OF ACCESSORIES.

CASEWORK LEGEND

DESIGNATION	MANU.	PRODUCT	COLOR NAME	COLOR NO.	NOTES
PL1	-	PLASTIC LAMINATE	WOOD LOOK LAMINATE	-	-
PL2	-	PLASTIC LAMINATE	WOOD LOOK LAMINATE	-	-
AP1	-	ACRYLIC PANEL	-	-	-
SS1	-	SOLID SURFACE	-	-	-
TS1	-	TACKABLE SURFACE	-	-	1/8" CORK BOARD TO EXTEND FROM COUNTERTOP TO THE UNDERSIDE OF WALL CABINETS - APPLY TACKABLE SURFACE TO FACE

tma
architect, p.a.
tmaarchitect.com

post office box 39355
greensboro, north carolina 27438
tel 336-282-7171

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P.O. BOX 1138
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t 919.242.4600
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tma architect, pa REGISTERED ARCHITECTURAL CORPORATION CERT. NO. 50860 GREENSBORO, NC
OCT. 21, 2014

PERMIT XXX

JACKSONVILLE VA OUTPATIENT CLINIC

4006 HENDERSON DRIVE
JACKSONVILLE, NC
28546

ONSLOW COUNTY

Issue	Date	Description
	10.21.14	ISSUED FOR PERMIT

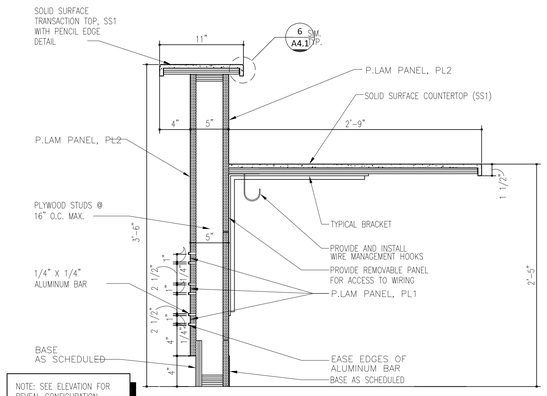
Date: 10.21.14
Project No.: 130202-A
Drawn By: TM/KE
Checked By: TM
CADD Drawing:

ENLARGED PLAN, ELEVATIONS AND SCHEDULES

A6.1

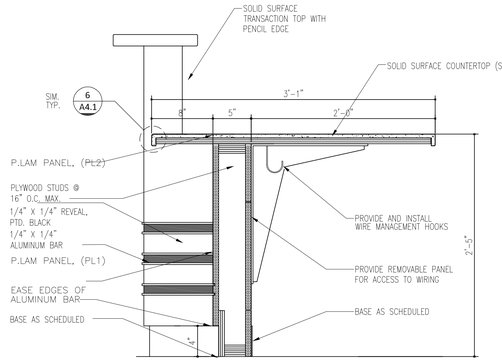
Sheet _____ of _____

NOTE: ALL OUTSIDE CORNERS OF 1/4" X 1/4" ALUMINUM BARS SHALL BE EASED

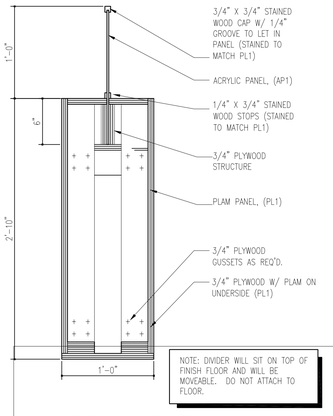


NOTE: SEE ELEVATION FOR REVEAL CONFIGURATION

1 | SECTION
A6.0 | 1 1/2" = 1'-0"

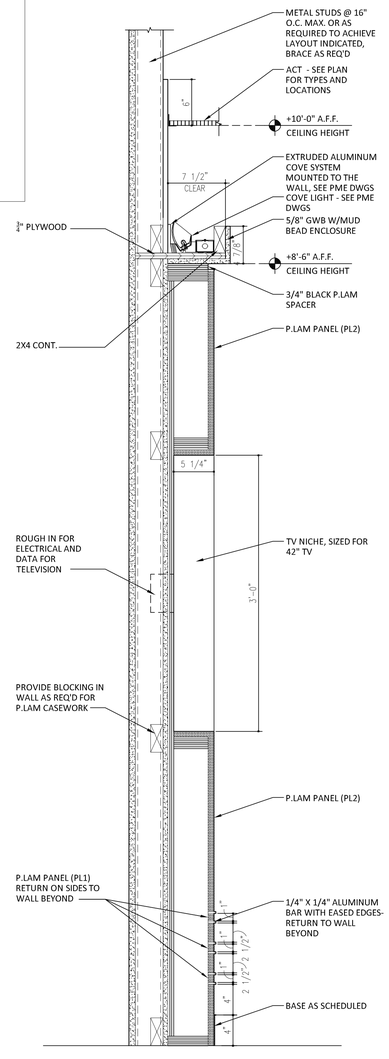


2 | SECTION
A6.0 | 1 1/2" = 1'-0"



NOTE: DIVIDER WILL SIT ON TOP OF FINISH FLOOR AND WILL BE MOVEABLE. DO NOT ATTACH TO FLOOR.

3 | DIVIDER SECTION
A1.1 | 1 1/2" = 1'-0"



NOTE: THESE CASEWORK SECTIONS ARE INTENDED TO SHOW GENERAL DESIGN INTENT AND CONFIGURATION. FINAL DETAILS TO BE BY CASEWORK MANUFACTURER AND ARCHITECT OF RECORD.

7 | SECTION
A6.0 | 1 1/2" = 1'-0"

tma
architect, p.a.
tmaarchitect.com

post office box 39355
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tma architect inc CERT. NO. 50860 GREENSBORO, NC
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Checked By: TM
CADD Drawing:

CASEWORK SECTIONS AND DETAILS

A6.2

Sheet _____ of _____