

# WALK'S EXXON - ADDITION

## 3221 W. US HIGHWAY 90

### LAKE CITY, FLORIDA



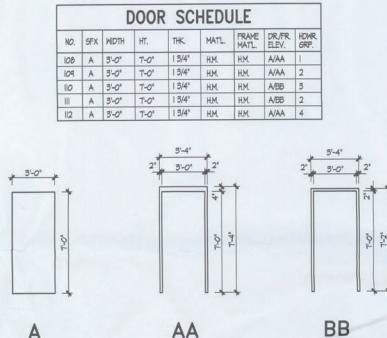
WALK'S EXXON - ADDITION  
3221 W. US HIGHWAY 90  
LAKE CITY, FLORIDA

FINISH SCHEDULE		HALLS			
NUMBER	NAME	FLOOR	NORTH	SOUTH	EAST
I07A	VESTIBULE	TILE	PAINT	PAINT	PAINT
I07B	VESTIBULE	TILE	PAINT	PAINT	PAINT
I09	CORRIDOR	TILE	PAINT	PAINT	PAINT
I01	MENS	TILE	PAINT	PAINT	PAINT
I02	UTILITY	SEALER	PAINT	PAINT	PAINT
III	WOMENS	TILE	PAINT	PAINT	PAINT
I02	STORAGE	SEALER	PAINT	PAINT	PAINT

#### REMARKS

1. INSTALL CEILING AS HIGH AS POSSIBLE OR TO MATCH EXISTING.
2. FLOOR AND BASE TILE SHALL BE SELECTED BY OWNER.
3. COATINGS AND PAINTS USED ON EXISTING SURFACES SHALL BE EQUAL TO SKIDGUARD 62 WATERBORNE EPOXY WITH NON SLIP GRANULES.
4. ALL COLOR SELECTIONS SHALL BE BY OWNER.

DOOR HARDWARE GUIDE SCHEDULE			
HARDWARE GROUP 1			
5	HEAVY DUTY HINGE	4 1/2" X 4 1/2" - 5 KNOCKLE - NON RISING PINS	HAGER
	CYLINDER	PER OWNER'S INSTRUCTION - RM	SARGENT
	EXIT DEVICE	8000 2804 ETL	ROCKWOOD
	CLOSEST	591 100	ROCKWOOD
	KICK PLATE	K 1250 8" X 34"	SARGENT
	SEAL	588 100	ROCKWOOD
	THRESHOLD	2005AV X 36"	PEKO
HARDWARE GROUP 2			
5	HEAVY DUTY HINGE	4 1/2" X 4 1/2" - 5 KNOCKLE - NON RISING PINS	HAGER
	LOCKSET	8200 SERIES WITH HTL TRIM - STOREROOM	SARGENT
	CYLINDER	700 - 4" X 16"	ROCKWOOD
	CLOSEST	591 100	ROCKWOOD
	KICK PLATE	K 1250 8" X 34"	SARGENT
	SILENCER	808	ROCKWOOD
HARDWARE GROUP 3			
5	HEAVY DUTY HINGE	4 1/2" X 4 1/2" - 5 KNOCKLE - NON RISING PINS	HAGER
	LOCKSET	8200 SERIES WITH HTL TRIM - STOREROOM	SARGENT
	CYLINDER	PER OWNER'S INSTRUCTION - RM	SARGENT
	CLOSEST	591 100	ROCKWOOD
	KICK PLATE	K 1250 8" X 34"	SARGENT
	SEAL	588 100	ROCKWOOD
HARDWARE GROUP 4			
5	HEAVY DUTY HINGE	4 1/2" X 4 1/2" - 5 KNOCKLE - NON RISING PINS	HAGER
	LOCKSET	8200 SERIES WITH HTL TRIM - STOREROOM	SARGENT
	CYLINDER	PER OWNER'S INSTRUCTION - RM	SARGENT
	CLOSEST	591 100	ROCKWOOD
	KICK PLATE	K 1250 8" X 34"	SARGENT
	SEAL	588 100	ROCKWOOD
	THRESHOLD	2005AV X 36"	PEKO



DOOR AND FRAME ELEVATIONS

#### DESIGN CRITERIA

1. FLORIDA BUILDING CODE 2010.
2. FLORIDA FIRE PREVENTION CODE 2010.
3. EXISTING BUILDING = 2804 GROSS SQUARE FEET.
4. NEW BUILDING ADDITION = 204 GROSS SQUARE FEET.
5. OCCUPANCY CLASSIFICATION = MERCANTILE GROUP M
6. TYPE OF EXISTING AND NEW BUILDING CONSTRUCTION IS TYPE V B.

#### STRUCTURAL DESIGN CRITERIA

FLORIDA BUILDING CODE 2010, ASCE 7-10 AND ACI 318-08

1. ROOF DEAD LOAD = 12 PSF
2. ROOF LIVE LOAD = 30 PSF
3. ULTIMATE DESIGN WIND SPEED (3-SECOND GUST) = 119 MPH
4. NOMINAL DESIGN WIND SPEED = 43 MPH
5. WIND IMPORTANCE FACTOR = 1.0
6. RISK CATEGORY = II
7. WIND EXPOSURE = B
8. WIND LOAD DIRECTION CLASSIFICATION = ENCLOSED
9. INTERNAL PRESSURE COEFFICIENT = +/- 0.16
10. COMPONENTS AND CLADDING DESIGN WIND PRESSURE = 25.4 PSF
11. ASSUMED ALLOWABLE SOIL PRESSURE = 2,000 PSF
12. REINFORCED CONCRETE = 3,000 PSI

#### SHEET INDEX

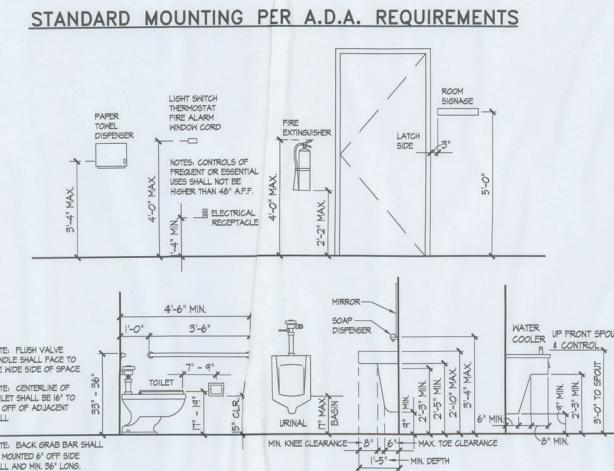
1. GENERAL PROJECT COVER SHEET
2. DEMOLITION PLAN
3. FOUNDATION PLAN
4. FLOOR PLAN
5. EXTERIOR ELEVATIONS
6. SECTIONS
7. ROOF FRAMING PLAN AND ROOF PLAN
8. REFLECTED CEILING PLAN AND RESTROOM DIMENSION PLAN

#### OCCUPANT LOAD CALCULATIONS

1. TOTAL NET FLOOR AREA = 3,307
2. TOTAL NET FLOOR AREA OF ACCESSORY SPACES = 764
3. OCCUPANT LOAD OF ACCESSORY SPACES = 4
4. TOTAL NET FLOOR AREA OF MERCANTILE SPACES = 2,543
5. OCCUPANT LOAD OF MERCANTILE SPACES = 65
6. TOTAL OCCUPANT LOAD = 84

#### PLUMBING FIXTURE CALCULATIONS

1. TOTAL OCCUPANT LOAD = 88
2. 44 MALE AND 44 FEMALE
3. ONE WATER CLOSET REQUIRED FOR MALE AND FEMALE
4. ONE LAVATORY REQUIRED FOR MALE AND FEMALE



CONSTRUCTION DOCUMENTS



G-1

OF 8

Sheets



1418

D-1

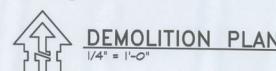
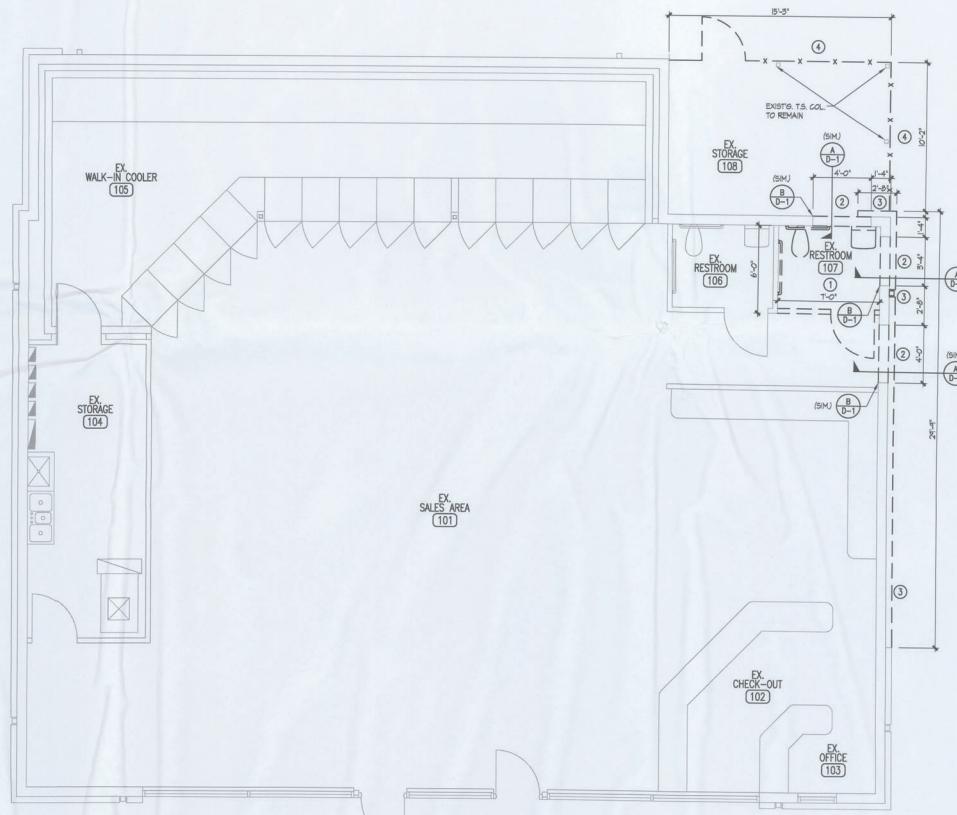
OF  
8  
SHEETS

CONSTRUCTION DOCUMENTS

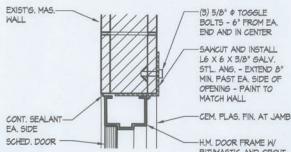
## DEMOLITION NOTES

- REMOVE EXISTING DOOR, WALL, RESTROOM ACCESSORIES, CEILINGS, LIGHTS, CEILINGS, ETC. IN AREA TO BE REMOVED. PATCH AND PREP ALL REMAINING SURFACES FOR NEW FINISHES AS SHED ON SHEET 6H OR AS A MINIMUM TO MATCH EXISTING. OTHERWISE.
- SACOUT NEW 4'-0" OR 5'-4" HIRE AS INDICATED X T-4" HIGH X 16'-0" LONG. REMOVE EXISTING - PATCH AND PREP ALL REMAINING SURFACES FOR NEW FINISHES AS SHED ON SHEET 6H OR AS A MINIMUM TO MATCH EXISTING. OTHERWISE.
- REMOVE EXISTING BRICK VENEER AND DOWNSPOUT AS SHED ON SHEET 6H. REMOVE EXISTING DOWNSPOUT REFER TO THE EXTERIOR ELEVATION ON SHEET A-3. PATCH AND PREP ALL REMAINING SURFACES FOR NEW FINISHES AS SHED ON SHEET 6H OR AS A MINIMUM TO MATCH EXISTING. OTHERWISE.
- REMOVE EXISTING CHAIN LINK FENCING AND GATE AND CONCRETE SLAB AS RECD. FOR NEW FOOTINGS AND TO HAVE A LEVEL FLOOR IN THIS AREA. COORD. W/ THE FOUNDATION PLANS FOR NEW FOOTINGS AND TO HAVE A LEVEL FLOOR SURFACE FOR NEW FINISHES OR AS A MINIMUM TO MATCH EXISTING. OTHERWISE.
- PREPARE FLOORS, WALLS AND CEILINGS FOR NEW FINISHES AS SHED ON SHEET 6H OR AS A MINIMUM TO MATCH EXISTING. OTHERWISE. REFER TO SHEET 6H FOR FINISH SCHEDULE - TYPICAL NOTE.

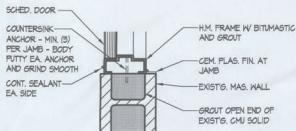
## WALL LEGEND



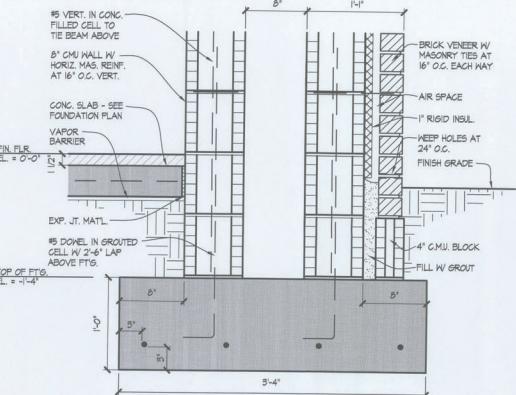
NOTES:  
1. FULL CELLS EA. SIDE OF OPENING UP TO BOTTOM OF ANG.  
2. NEW STL. ANG. SHALL EXTEND 6" MIN. BEYOND OPENING, EA. SIDE.  
3. PROVIDE KNOCKOUT AT BOTTOM OF WALL TO ENSURE PROPER FILLING OF CELLS.  
4. PROVIDE 1/2" MIN. OF EX. BLOCKOUT FOR NEW OPENING. VERTICALLY SAWCUT AT OPENING EDGES AND KNOCKOUTS. TURN TO SIDE/DE GROUT AS RECD., PROVIDE HORIZ. SAWCUT AND INSTALL LINTEL ASSEMBLY. REMOVE REMAINDER OF BLOCKOUT WHEN INSTALLATION OF OPENING. REINFORCEMENT IS COMPLETE.



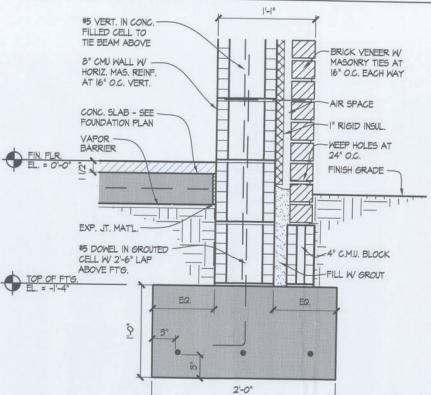
DOOR HEAD DETAIL D-1



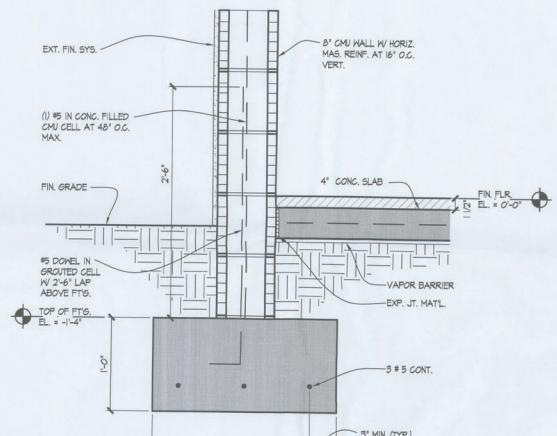
DOOR JAMB DETAIL D-1



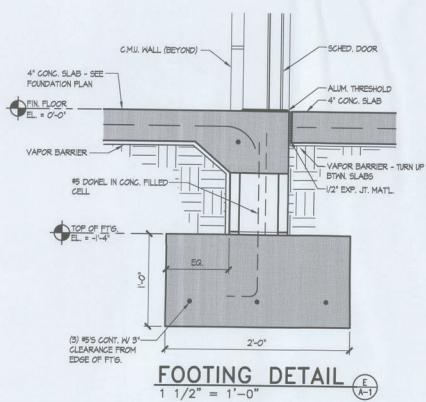
FOOTING DETAIL  
1 1/2" = 1'-0"



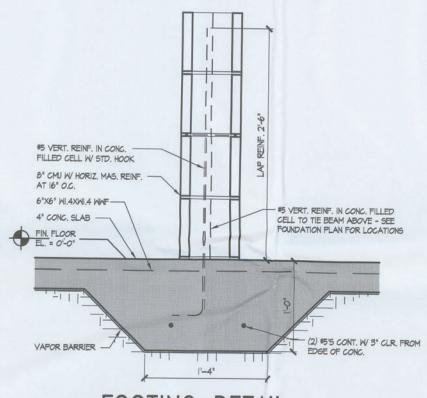
FOOTING DETAIL  
1 1/2" = 1'-0"



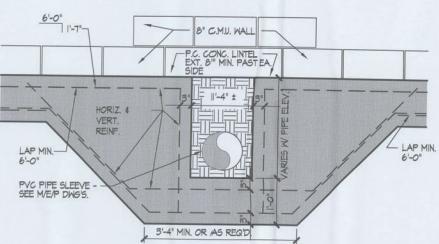
FOOTING DETAIL  
1 1/2" = 1'-0"



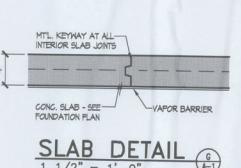
FOOTING DETAIL  
1 1/2" = 1'-0"



FOOTING DETAIL  
1 1/2" = 1'-0"



FOOTING DETAIL  
1 1/2" = 1'-0"



SLAB DETAIL  
1 1/2" = 1'-0"

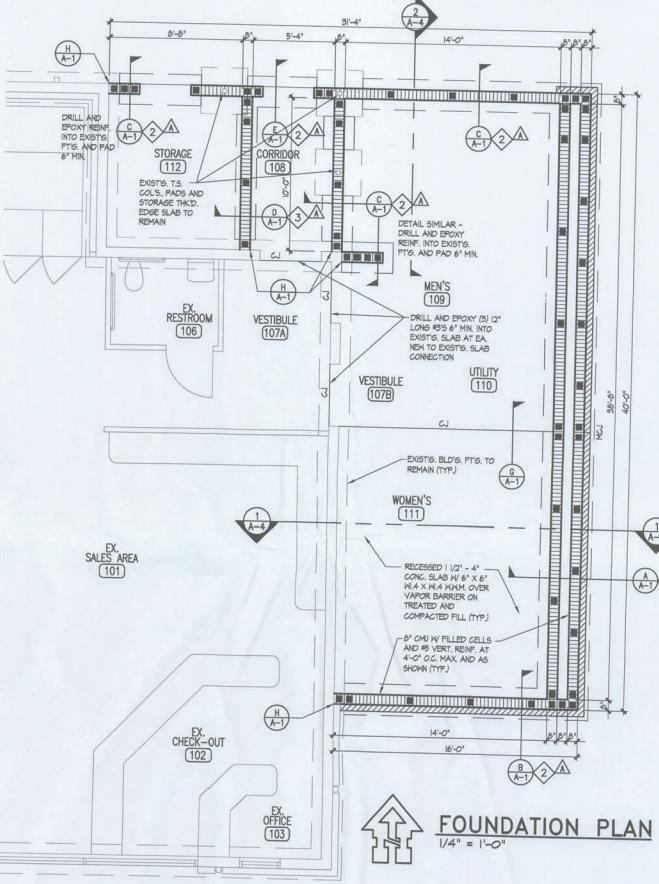
## FOUNDATION SCHEDULE

DESIGN.	SIZE (WIDTH X HEIGHT)	REINFORCING	REMARKS
①	3'-4" X 1'-0"	(4) #5 S CONT. BOTT.	CONTINUOUS FTG.
②	2'-0" X 1'-0"	(5) #5 S CONT. BOTT.	CONTINUOUS FTG.
③	1'-4" X 1'-0"	(2) #5 S CONT. BOTT.	THICKENED SLAB

## CMU WALL REINF.

DESIGN.	WALL REINF.	FOOTING DOWELS
①	#5 @ 48" O.C. - EXT.	#5 @ 48" O.C. - EXT.
②	#5 @ 48" O.C. - INT.	#5 @ 48" O.C. - INT.
③	#5 @ 48" O.C.	#5 @ 48" O.C.

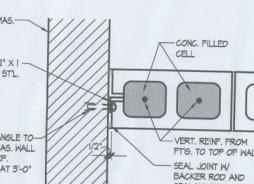
ALL MASONRY WALL REINFORCING SCHEDULED TO BE #5'S SHALL BE LAPPED 30' MIN.



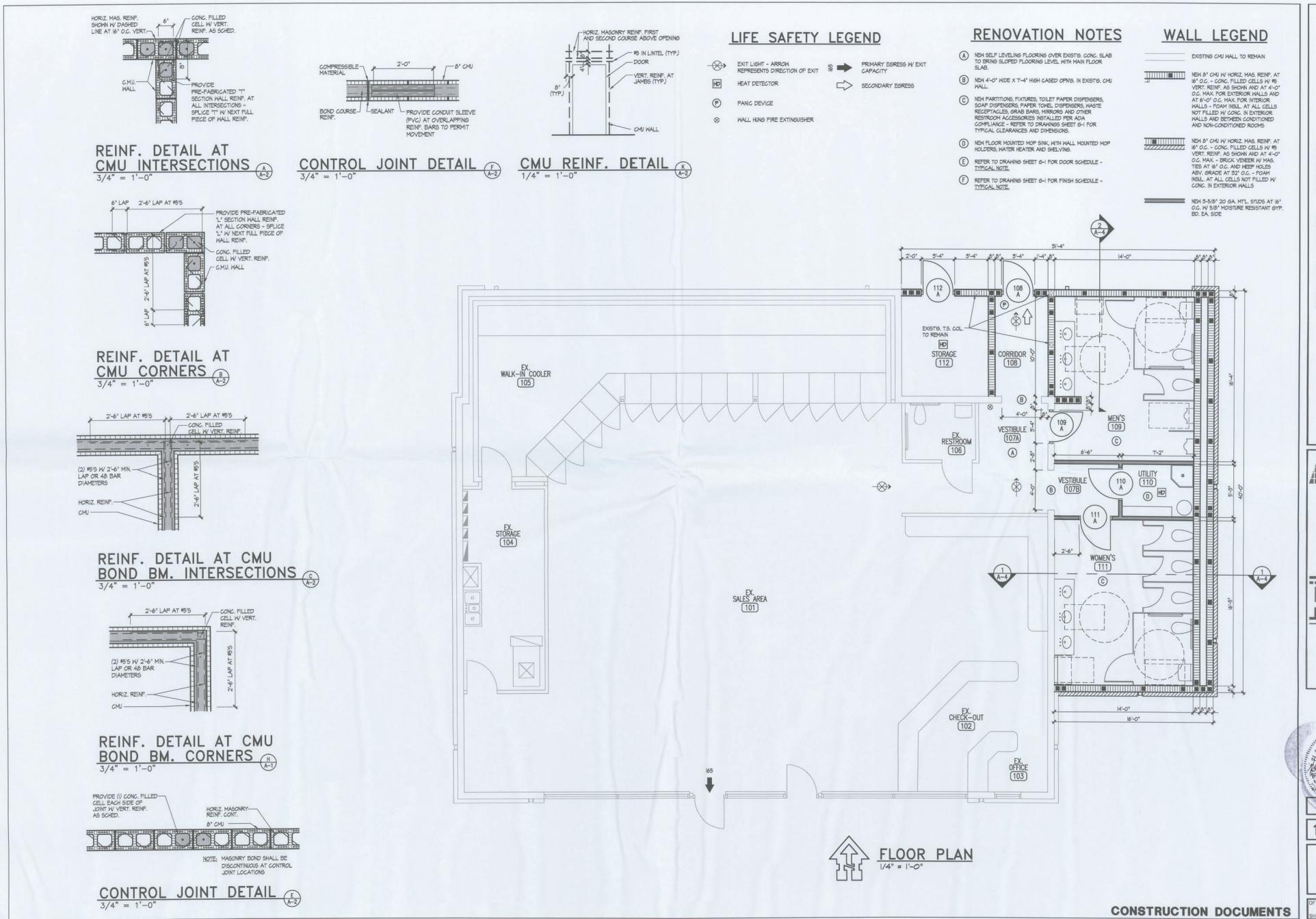
FOUNDATION PLAN  
1/4" = 1'-0"

## GENERAL NOTES:

- SEE DETAILS A/A-2 AND B/A-2 FOR HORIZ. JOINT REINF. AT CMU INTERSECTIONS AND CORNERS.
- SEE DETAILS C/A-2 AND D/A-2 FOR HORIZ. JOINT REINF. AT BOND AND TIE BM. INTERSECTIONS AND CORNERS.
- SEE DETAIL G/A-2 FOR REINF. AT DOOR OPNS. IN CMU WALLS.
- SEE DETAIL F/A-1 FOR STEPPED FTG. AT ALL PIPE PENETRATIONS - COORD. LOCATIONS W/ OTHER SUBCONTRACTORS.
- SEE DETAILS E/A-2 AND F/A-2 FOR CONTROL JOINT DETAILS.



CMU DETAIL  
1 1/2" = 1'-0"





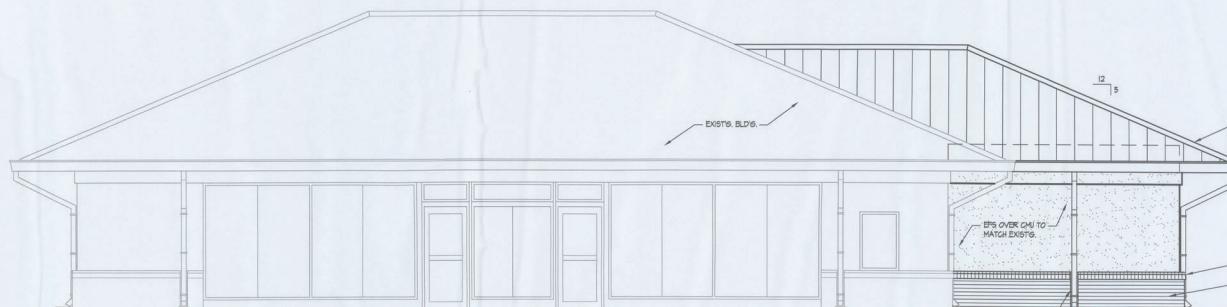
1418

A-3

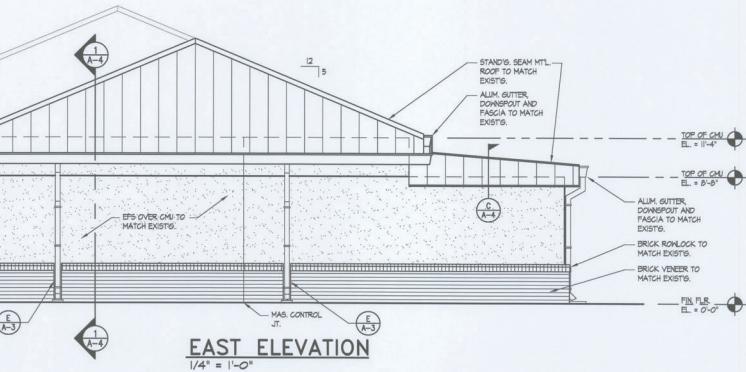
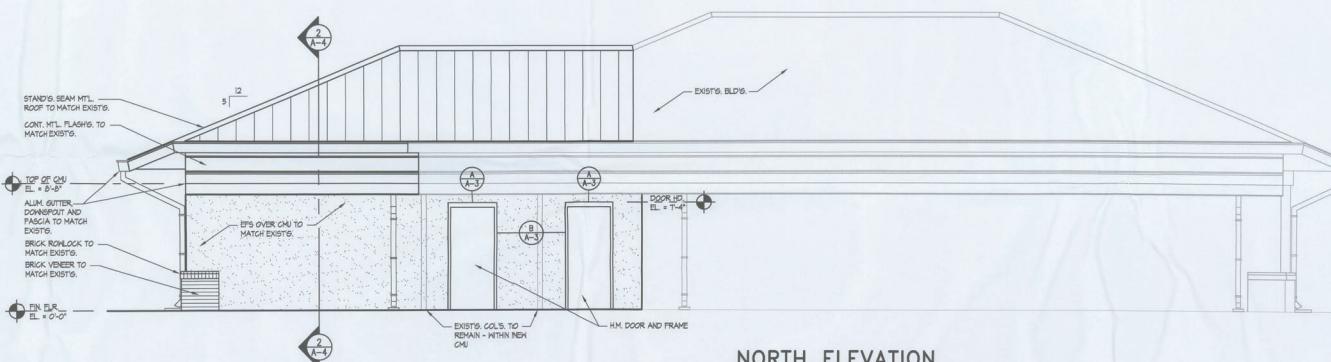
DP  
B  
SHEETS

CONSTRUCTION DOCUMENTS

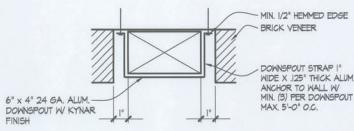
SOUTH ELEVATION  
1/4" = 1'-0"



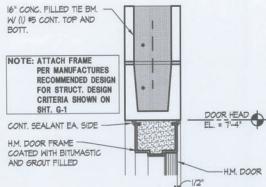
NORTH ELEVATION  
1/4" = 1'-0"



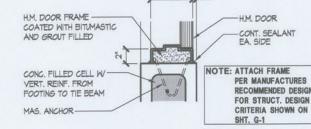
EAST ELEVATION



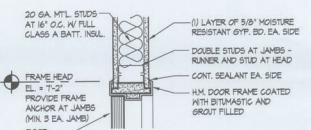
DOWNSPOUT DETAIL  
3" = 1'-0"



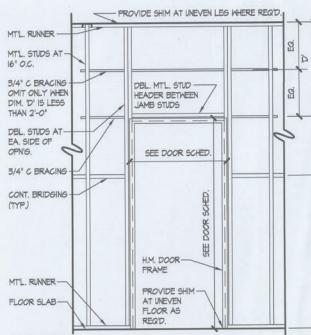
DOOR HEAD DETAIL  
1 1/2" = 1'-0"



DOOR JAMB DETAIL  
1 1/2" = 1'-0"



INTERIOR DOOR DETAIL  
1 1/2" = 1'-0" FOR DOORS 110/A AND 111/A



DOOR FRAMING DETAIL  
NTS FOR DOORS 110/A AND 111/A

NOTES:

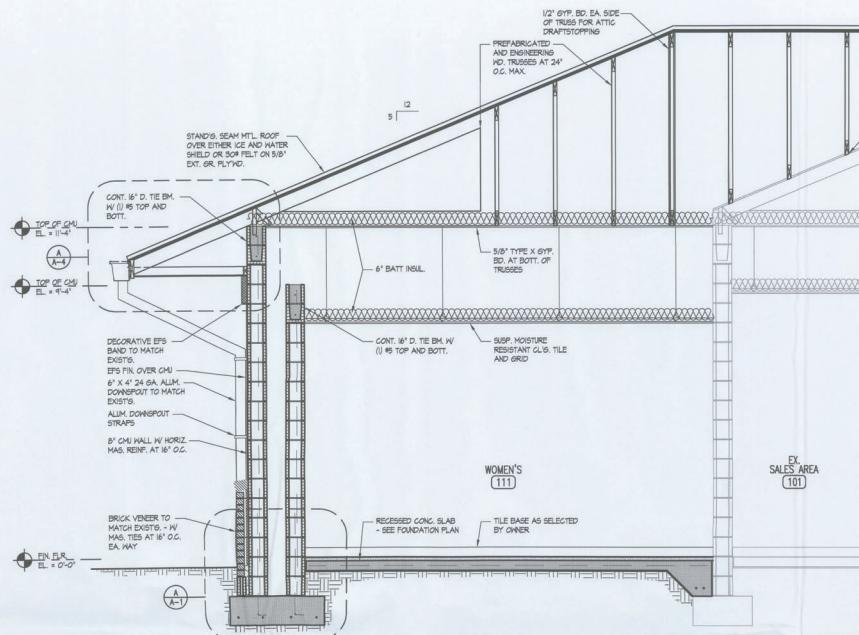
1. ALL METAL STUDS AT FRAMES SHALL BE ANCHORED TOP AND BOTTOM.
2. ADD THIRD STUD AT EACH SIDE OF DOOR FRAME FOR DOORS THAT EXCEED 80 LB. AND/OR OPENINGS MORE THAN 5'-0" WIDE.
3. STUD TRACK AT DOOR HEAD SHALL BE CUT, BENT AND FASTENED TO JAMB STUDS.



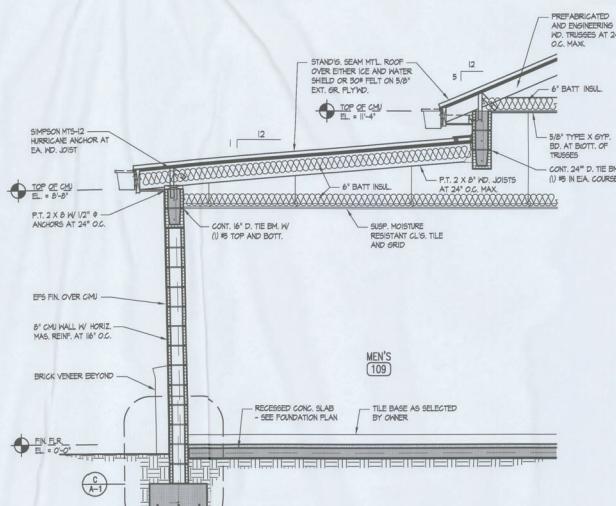
A-4

OF 8  
SHEETS

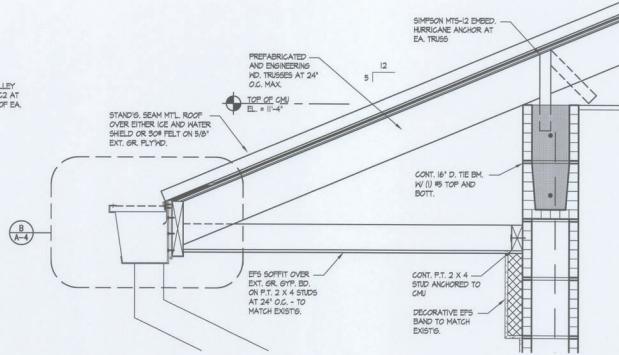
CONSTRUCTION DOCUMENTS



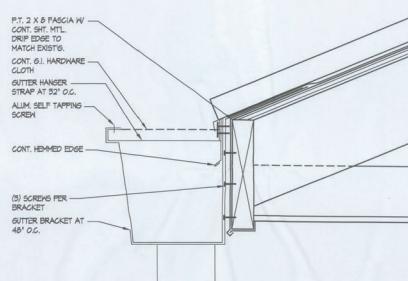
BUILDING SECTION 1  
1/2" = 1'-0"



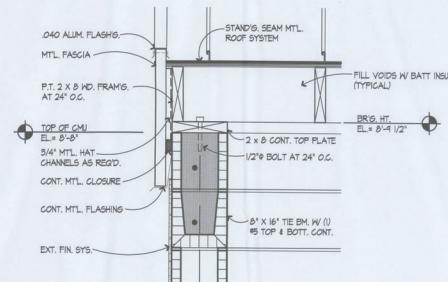
BUILDING SECTION 2  
1/2" = 1'-0"



EAVE AND TRUSS BRDG. DETAIL  
1 1/2" = 1'-0"

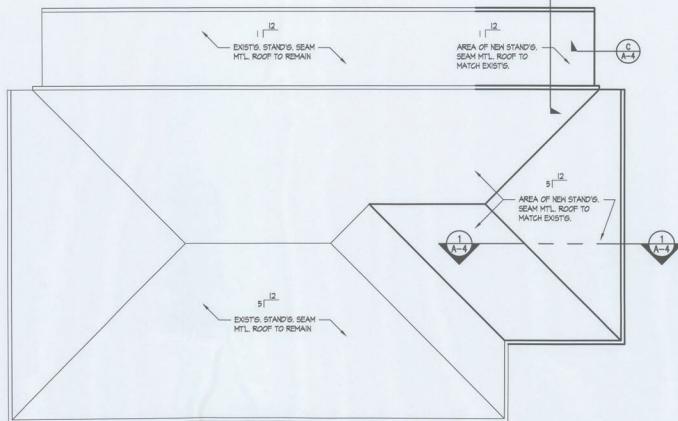


GUTTER DETAIL  
3" = 1'-0"



RAKE DETAIL  
1 1/2" = 1'-0"

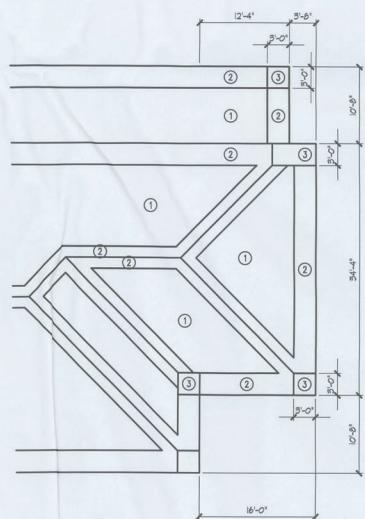
1418





## ROOF PLAN

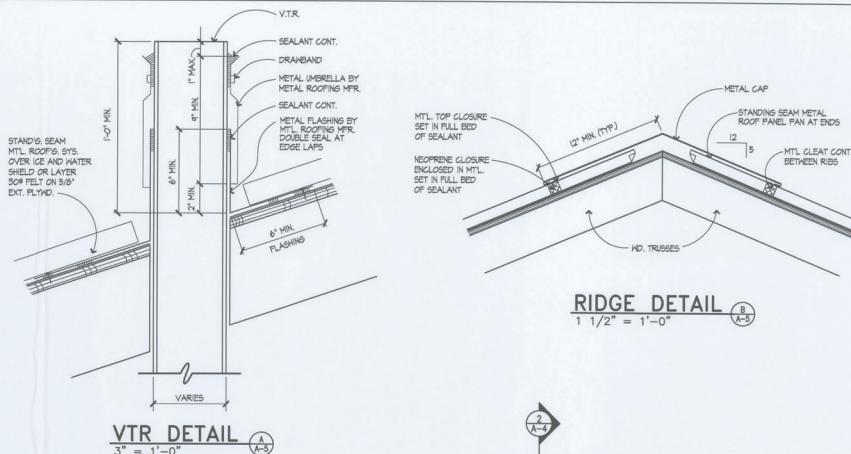
1/8" = 1'-0"



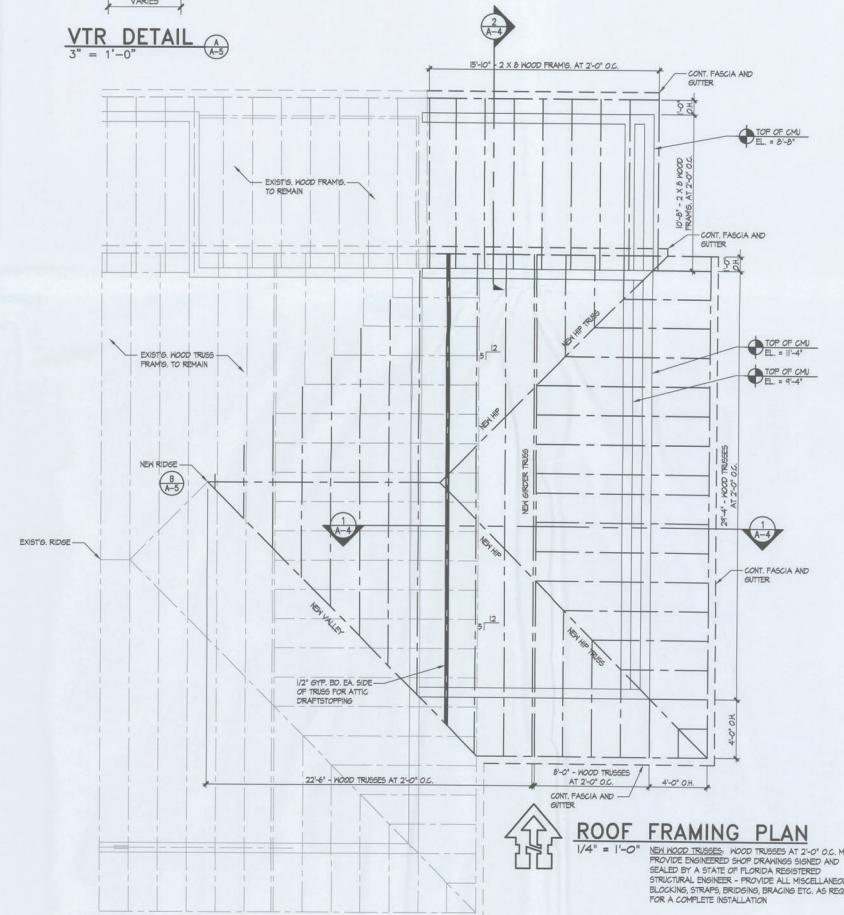
## WIND DIAGRAM - NEW ROOF AREA

SIZE (S.F)	W.L.B. COMPONENT AND CLADDING (P.S.F)		INTERIOR ZONE	
	END ZONE	INTERIOR ZONE	END ZONE	INTERIOR ZONE
POS. +	NEG. -	POS. +	NEG. -	
0-20	25.4	54.7	25.4	28.1
20-50	24.7	52.4	24.7	26.4
50-100	23.2	24.5	23.2	23.4
> 100	22	26.4	22	24.2

**NET UPLIFT**      **DESIGN GUIDELINES:**  
① - 25 PSF      I. SEE SHT. G-1 FOR STRUCT  
② - 31 PSF      DESIGN CRITERIA  
③ - 61 PSF



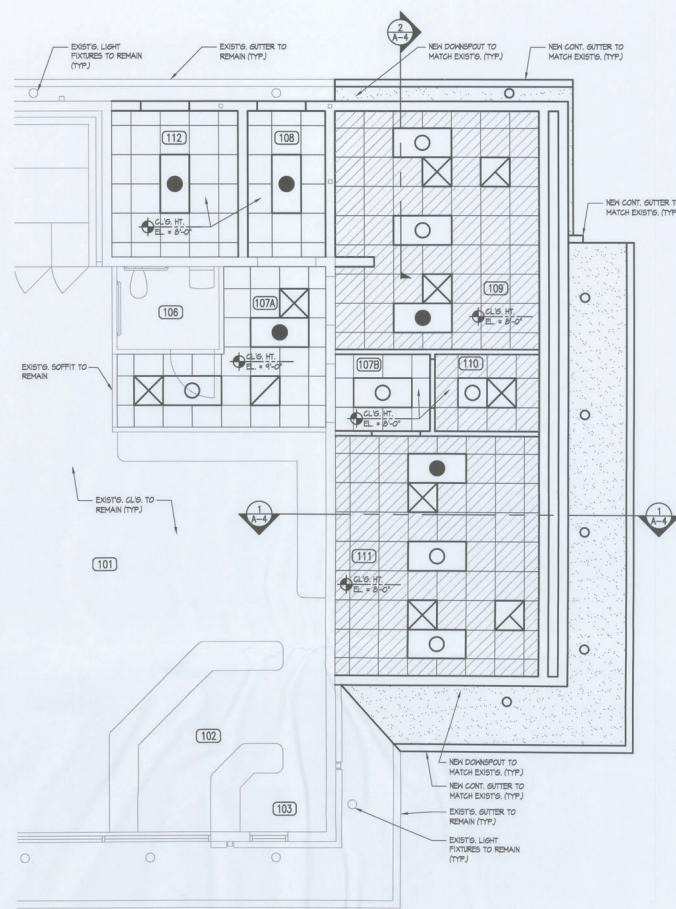
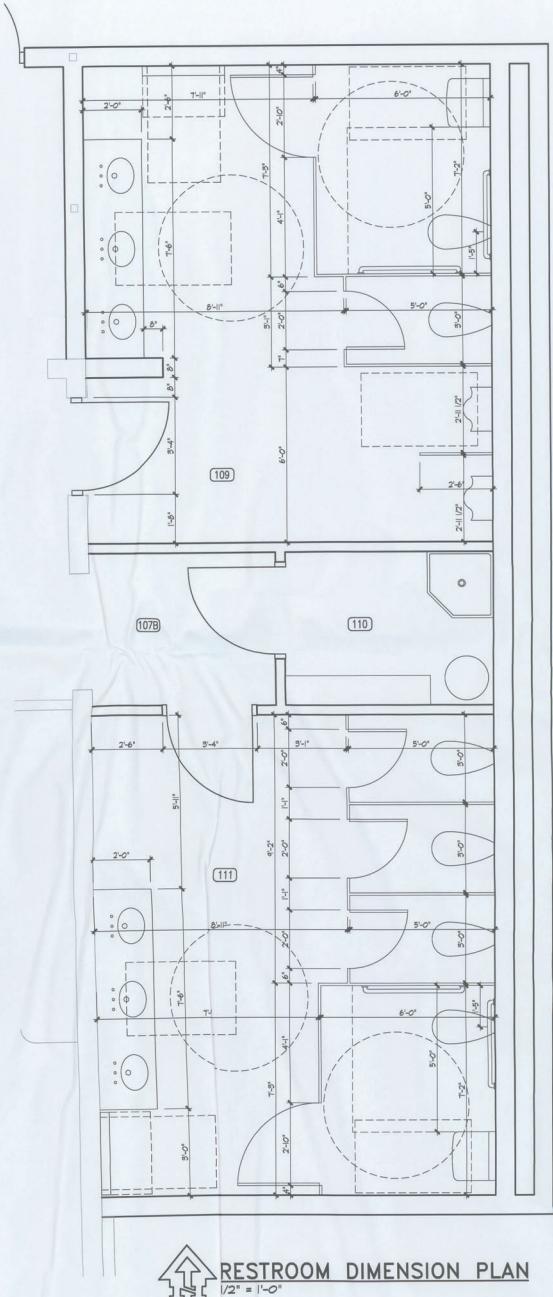
RIDGE DETAIL



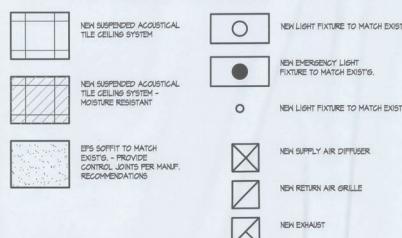
## ROOF FRAMING PLAN

**ROOF FRAMING PLAN**  
1/4" = 1'-0" **NEW WOOD TRUSSES**, WOOD TRUSSES AT 2'-0" O.C. M.  
PROVIDE ENGINEERED SHOD DRAWINGS SIGNED AND  
SEALED BY A STATE OF CALIFORNIA REGISTERED  
STRUCTURAL ENGINEER - PROVIDE ALL MISCELLANEOUS  
BLOCKING, STRAPS, BRIDGING, BRACING ETC. AS REQ.  
FOR A COMPLETE INSTALLATION

## CONSTRUCTION DOCUMENTS



### CEILING LEGEND



### REFLECTED CEILING PLAN



1/4" = 1'-0"

#### GENERAL NOTES:

1. AT NEW SUSPENDED CEILINGS, ALL SUSPENSION SYSTEMS, INCLUDING LIGHT FIXTURES, SHALL BE SUSPENDED FROM STRUCTURE ABOVE - LIGHT FIXTURES TO BE SUSPENDED SEPARATELY FROM THE SUSPENSION SYSTEM.
2. NEW AIR DIFFUSERS AND REGISTERS SHALL BE SUPPORTED BY THE SUSPENDED GRID WHICH SHALL BE SUPPORTED BY TIE WIRE AT TWO DIAGONAL CORNERS MINIMUM AT EACH DIFFUSER. TIE WIRES ATTACHED TO STRUCTURE ABOVE BY ACOUSTICAL CEILING INSTALLER AND FINAL CONNECTIONS TO DIFFUSERS AND REGISTERS BY THE MECHANICAL INSTALLER.
3. THE CEILING SUBCONTRACTOR SHALL PROVIDE AND INSTALL ALL THE TIE WIRE FOR THE CEILING SUBCONTRACTOR ITEMS AND LIGHT FIXTURES. THE MECHANICAL AND ELECTRICAL SUBCONTRACTORS SHALL MAKE THE FINAL CONNECTIONS OF THEIR RESPECTIVE ITEMS TO THE TIE WIRE AND CEILING GRID.
4. REPORT ANY CONFLICTS PRIOR TO ANY INSTALLATION.
5. REFER TO THE FLOOR PLAN FOR NEW EXIT LIGHTS.

CONSTRUCTION DOCUMENTS

WALK'S EXXON - ADDITION  
3221 W. US HIGHWAY 90  
LAKE CITY, FLORIDA

**Kelli**  
**Partners**  
ARCHITECTURE & INTERIORS  
kelli@kellipartners.com

AIA/NC20120106  
352-479-4933  
dawn@kellipartners.com



5/20/14

1418

A-6

OF 2  
SHEETS