BRANCH BANK FOR

TRADERS AND FARMERS BANK

DOUBLE SPRINGS, ALABAMA

NOVEMBER 30, 2017

SCHEDULE OF DRAWINGS

LAMBERT · EZELL · DURHAM
ARCHITECTURE, LLC
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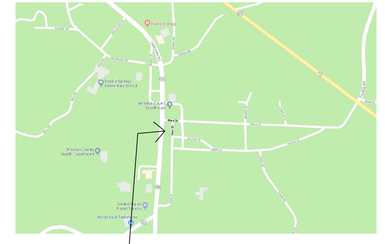
PRM STRUCTURAL ENGINEERS
STRUCTURAL CONSULTANT
120 HOLMES AVENUE, SUITE 122
HUNTSVILLE, ALABAMA 35801
(256) 652-6818

MDS ENGINEERING
PLUMBING AND MECHANICAL CONSULTANT
104-B JEFFERSON STREET - SOUTH
HUNTSVILLE, ALABAMA 35801
(256) 534-5150

SHOALS ENGINEERING, PC
ELECTRICAL CONSULTANT
1138 NORTH WOOD AVENUE
FLORENCE, ALABAMA 35630
(256) 764-0817

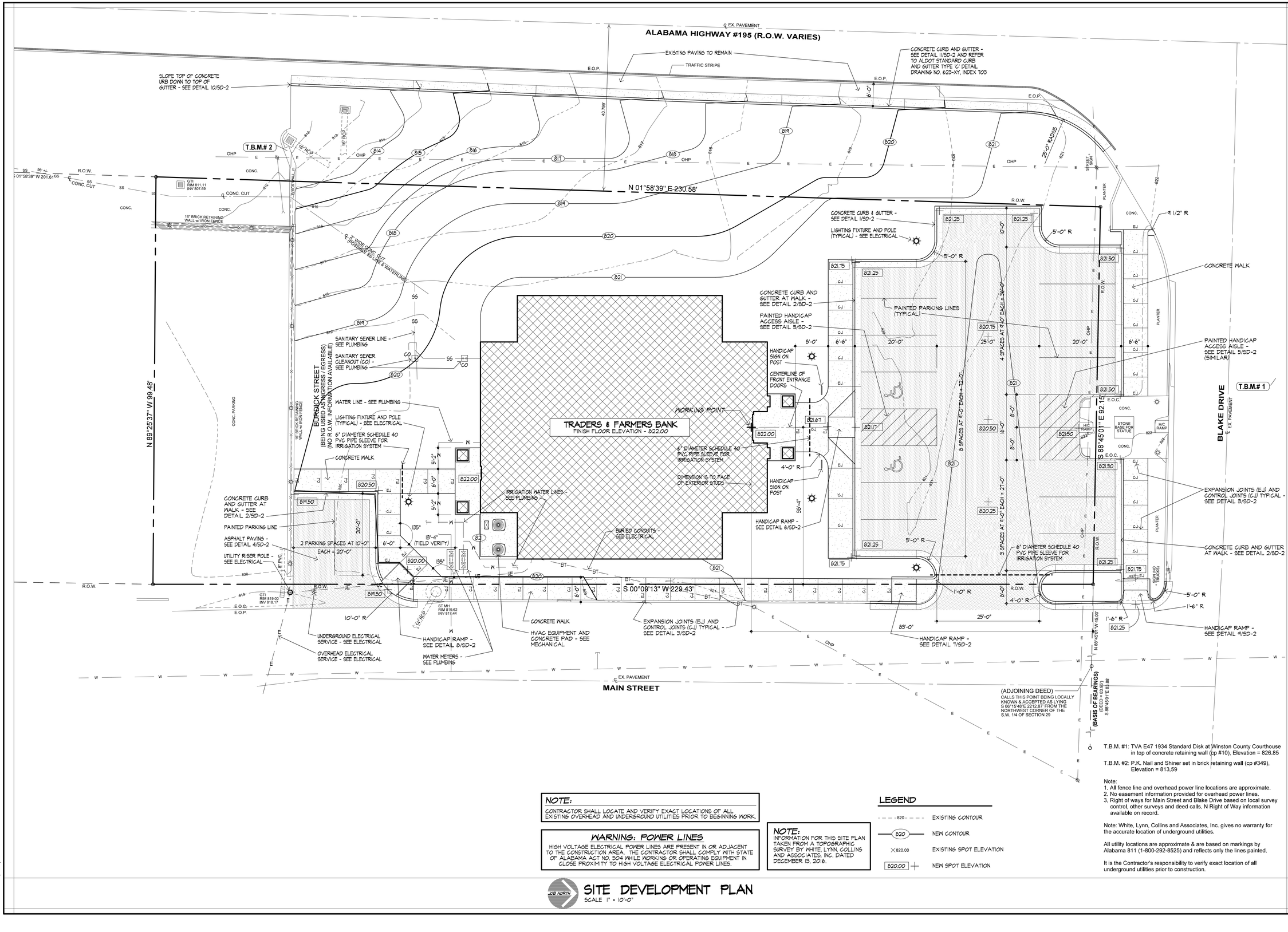
VICINITY MAP



SET NUMBER

JOB NUMBER & NAME
1612
BRANCH BANK FOR TRADERS AND FARMERS BANK
DOUBLE SPRINGS, AL

Plot Date: 5-22-100
Path/File: G:\DEFAULT\24X36\COVER.dc5



T.B.M. #1: TVA E47 1934 Standard Disk at Winston County Courthouse in top of concrete retaining wall (cp #10), Elevation = 826.85

T.B.M. #2: P.K. Nail and Shiner set in brick retaining wall (cp #349), Elevation = 813.59

Note:
1. All fence line and overhead power line locations are approximate.
2. No easement information provided for overhead power lines.
3. Right of ways for Main Street and Blake Drive based on local survey control, other surveys and deed calls. N Right of Way information available on record.

Note: White, Lynn, Collins and Associates, Inc. gives no warranty for the accurate location of underground utilities.

All utility locations are approximate & are based on markings by Alabama 811 (1-800-292-8525) and reflects only the lines painted.

It is the Contractor's responsibility to verify exact location of all underground utilities prior to construction.

NOTE:
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WARNING: POWER LINES
HIGH VOLTAGE ELECTRICAL POWER LINES ARE PRESENT IN OR ADJACENT TO THE CONSTRUCTION AREA. THE CONTRACTOR SHALL COMPLY WITH STATE OF ALABAMA ACT NO. 504 WHILE WORKING OR OPERATING EQUIPMENT IN CLOSE PROXIMITY TO HIGH VOLTAGE ELECTRICAL POWER LINES.

NOTE:
INFORMATION FOR THIS SITE PLAN TAKEN FROM A TOPOGRAPHIC SURVEY BY WHITE, LYNN, COLLINS AND ASSOCIATES, INC. DATED DECEMBER 13, 2016.

LEGEND
- EXISTING CONTOUR (820)
- NEW CONTOUR (820)
- EXISTING SPOT ELEVATION (×820.00)
- NEW SPOT ELEVATION (820.00 +)

JOB NORTH

SITE DEVELOPMENT PLAN
SCALE 1" = 10'-0"

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BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

DATE	11/30/17
REVISED	
REVISED	
JOB NO.	1612
DRAWN	GAS
CHECKED	CED

DRAWING TITLE
SITE DEVELOPMENT PLAN

DRAWING NUMBER
SD-1
OF 2

File Name: G:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 SD-1 SITE DEVELOPMENT PLAN
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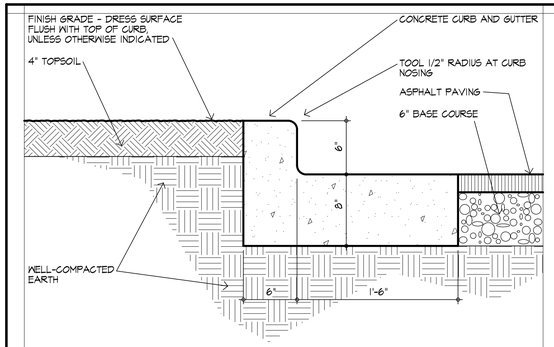
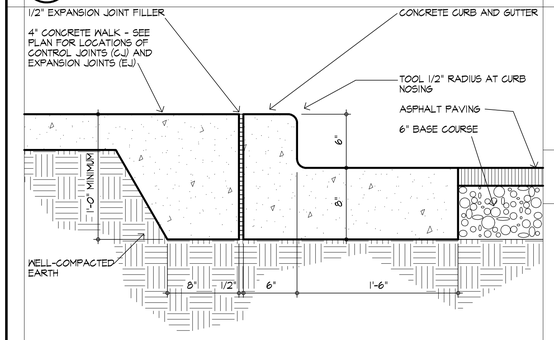


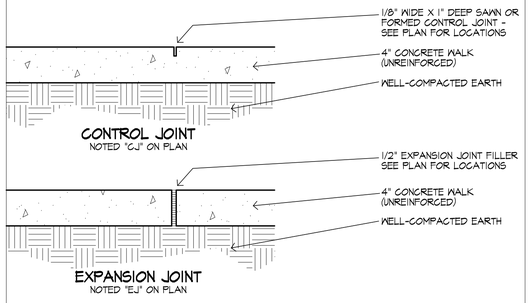
1 **DETAIL** SCALE 1-1/2" = 1'-0"

CONCRETE CURB AND GUTTER



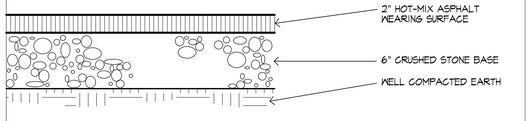
2 **DETAIL** SCALE 1-1/2" = 1'-0"

CONCRETE CURB AND GUTTER AT CONCRETE WALK



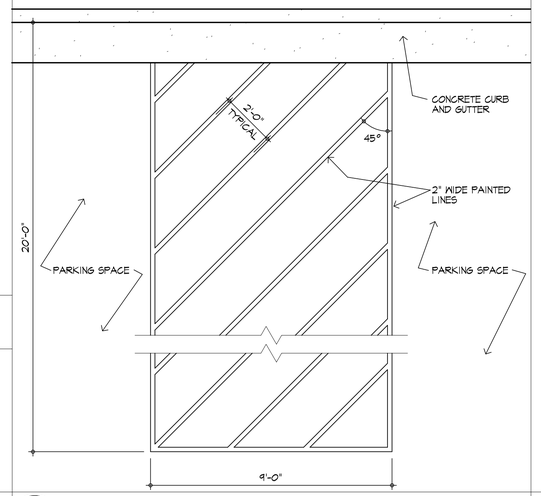
3 **DETAIL** SCALE 1-1/2" = 1'-0"

CONTROL AND EXPANSION JOINTS AT CONCRETE WALKS



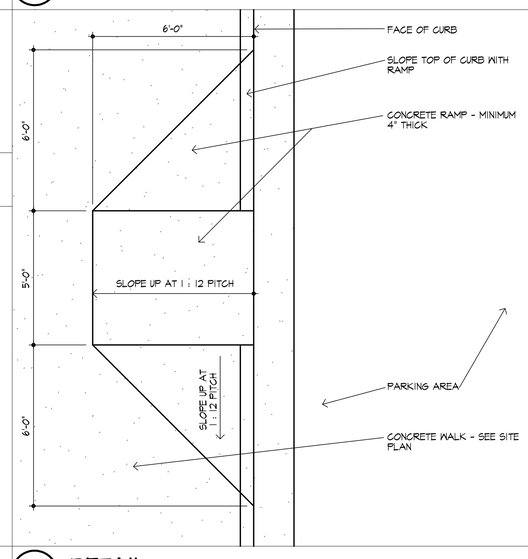
4 **DETAIL** SCALE 1-1/2" = 1'-0"

ASPHALT PAVING



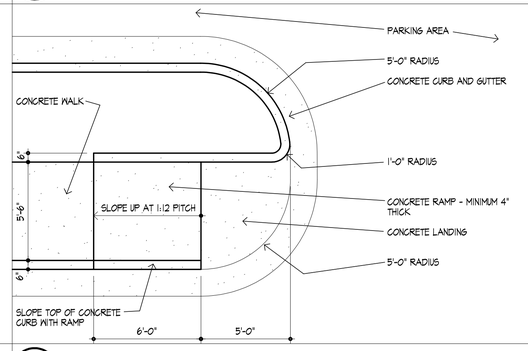
5 **DETAIL** SCALE 3/8" = 1'-0"

PAINTED HANDICAP ACCESS AISLE



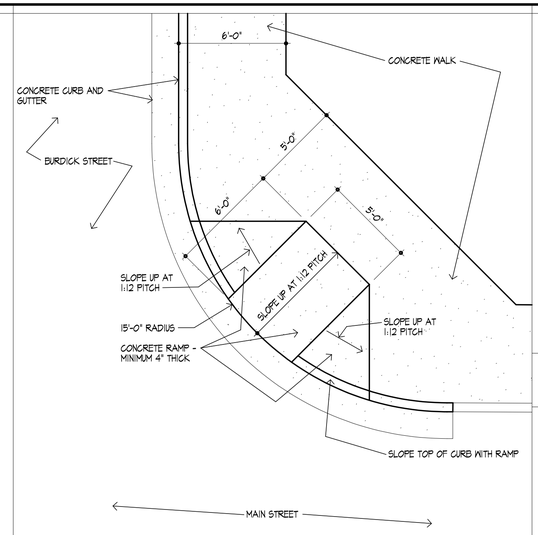
6 **DETAIL** SCALE 3/8" = 1'-0"

PLAN - HANDICAP RAMP



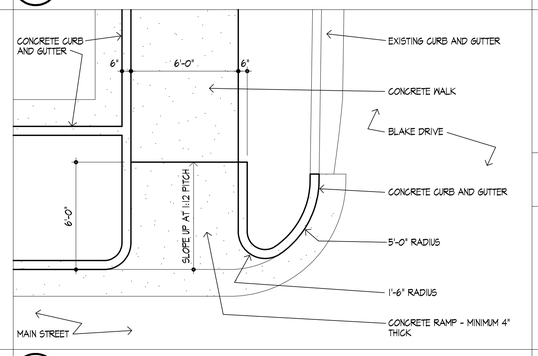
7 **DETAIL** SCALE 1/4" = 1'-0"

HANDICAP RAMP PLAN



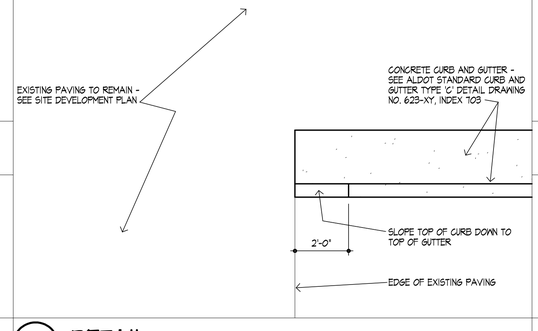
8 **DETAIL** SCALE 1/4" = 1'-0"

HANDICAP RAMP PLAN



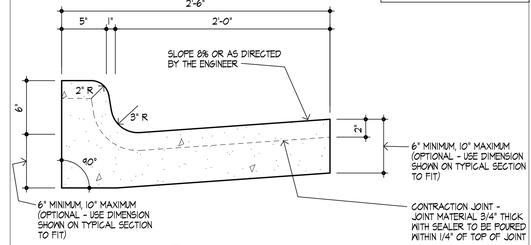
9 **DETAIL** SCALE 1/4" = 1'-0"

HANDICAP RAMP PLAN



10 **DETAIL** SCALE 3/8" = 1'-0"

NOTE: DETAIL TAKEN FROM ALDOT SPECIAL DRAWING NO. 623-XY, INDEX NO. 703



TYPE "C"
COMBINATION CURB AND GUTTER

11 **DETAIL** SCALE 1 1/2" = 1'-0"

ALDOT CONCRETE CURB AND GUTTER SLOPING TYPE

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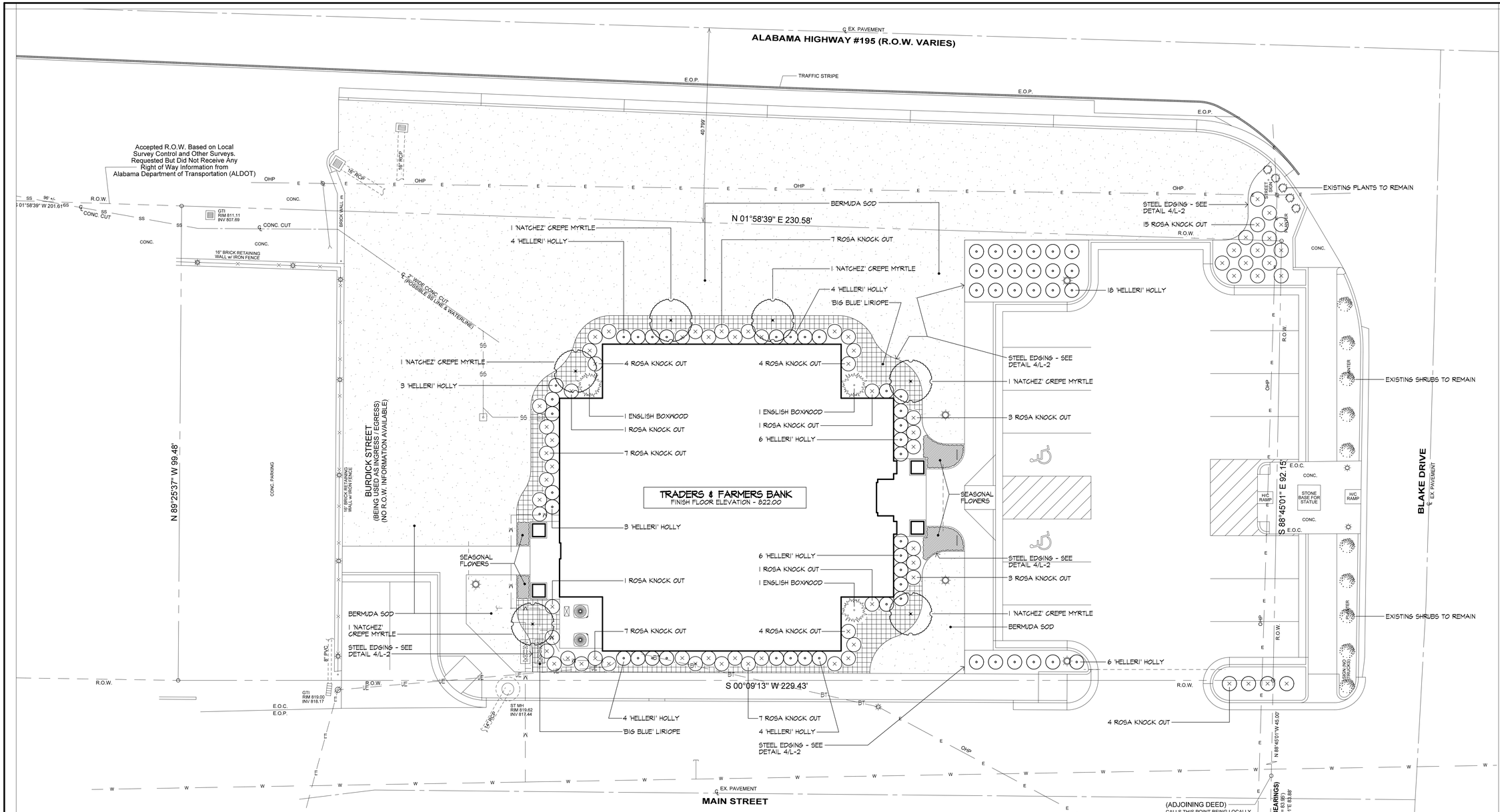
DOUBLE SPRINGS, ALABAMA

JOB NO.	1612	DATE 11/30/17
DRAWN	GAS	REVISED
CHECKED	CED	REVISED

DRAWING TITLE
SITE DETAILS

DRAWING NUMBER
SD-2
OF 2

File Name: G:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 SD-2 SITE DETAILS
Plot Date: 1/30/2018 Plot Time: 3:32 PM



LANDSCAPE NOTES

1. THE LANDSCAPE CONTRACTOR SHALL VERIFY QUANTITIES OF SOD ON SITE.
2. ALL PLANTS ARE SUBJECT TO FIELD INSPECTION AND ADJUSTMENT BY THE ARCHITECT OR OWNER'S REPRESENTATION.
3. ALL BEDS ARE TO BE MULCHED WITH 4" LAYER OF PINE BARK MULCH.
4. SEE DETAILS 1/L-2 AND 2/L-2 FOR TREE STAKING DETAILS.
5. SEE DETAIL 3/L-2 FOR SHRUB PLANTING DETAIL.
6. ALL EDGING IS TO BE 4" BLACK, 10 GAUGE STEEL EDGING, SEE DETAIL 4/L-2.

PLANT LIST

BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY
LAGERSTROEMIA 'NATCHEZ'	'NATCHEZ' CREPE MYRTLE	8' - 10' HT, 3.0 GAL 3 - 5 TRUNKS	6
BUXUS SEMPERVIRENS 'SUFFRUTICOSA'	'ENGLISH' BOXWOOD	4' HT, B & B FULL TO GROUND	3
ILEX CRENATA 'HELLERI'	'HELLERI' HOLLY	3 GALLON	57
ROSA 'RADRAZZ' KNOCK OUT	ROSA KNOCK OUT	3 GALLON	70
LIRIOPE MUSCARI 'BIG BLUE'	'BIG BLUE' LIRIOPE	4" CONTAINER, 9" OC EACH WAY	300
	419 TIFTON BERMUDA SOD	----------	1,091 SQUARE YARDS

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DOUBLE SPRINGS, ALABAMA

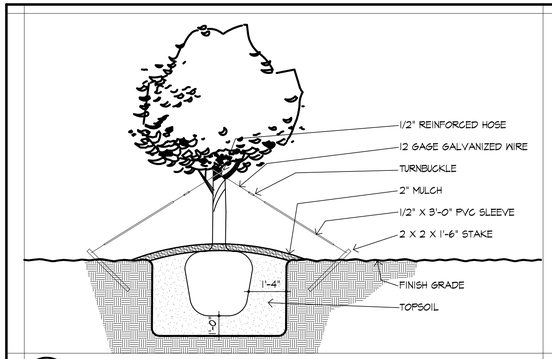
DATE 11/30/17
REVISED
REVISED

JOB NO. 1612
DRAWN GAS
CHECKED CED

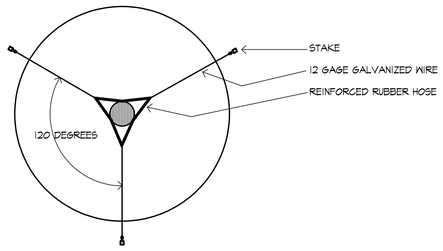
DRAWING TITLE
LANDSCAPING PLAN

DRAWING NUMBER
L-1
OF 2

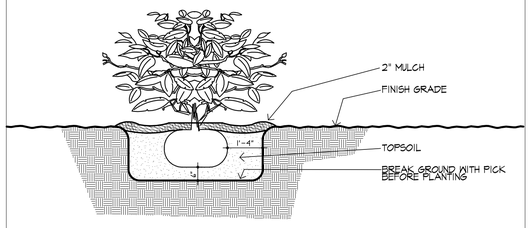
File Name: G:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 L-1 LANDSCAPING PLAN
Plot Date: 1/30/2018 Plot Time: 3:32 PM



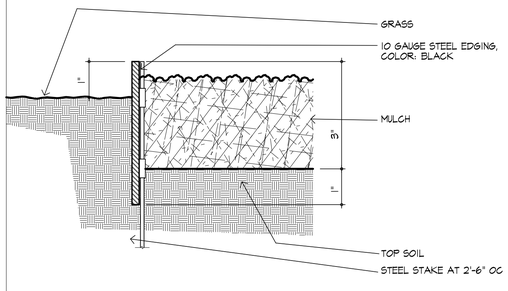
1 **DETAIL** NOT TO SCALE — TYPICAL TREE PLANTING



2 **DETAIL** NOT TO SCALE — PLAN VIEW-TRIPLE STAKING



3 **DETAIL** NOT TO SCALE — TYPICAL SHRUB PLANTING



4 **DETAIL** NO SCALE — STEEL EDGING

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DOUBLE SPRINGS, ALABAMA

JOB NO.	1612
DRAWN	GAS
CHECKED	CED
DATE	11/30/17
REVISED	
REVISED	

DRAWING TITLE
LANDSCAPING DETAILS

DRAWING NUMBER
L-2
OF 2

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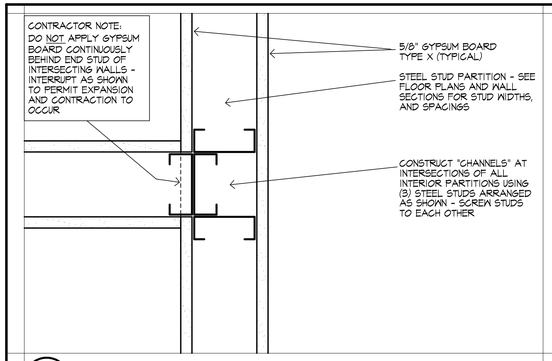
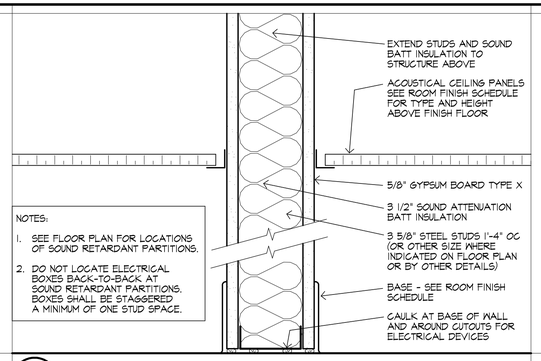


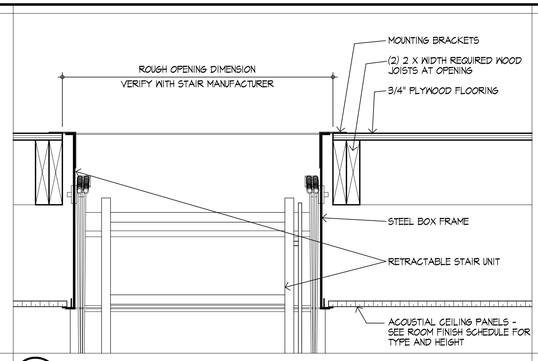
1 **DETAIL** SCALE 3" = 1'-0"

TYPICAL INTERSECTION OF INTERIOR STEEL STUD PARTITIONS



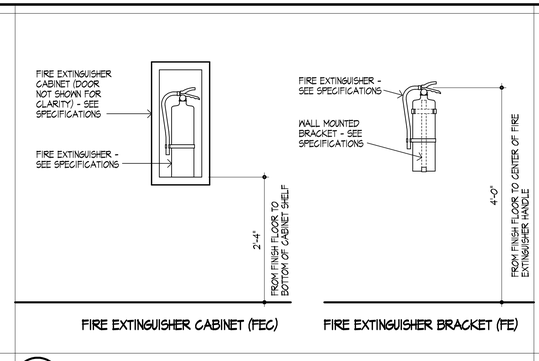
2 **DETAIL** SCALE 3" = 1'-0"

SOUND RETARDANT PARTITION

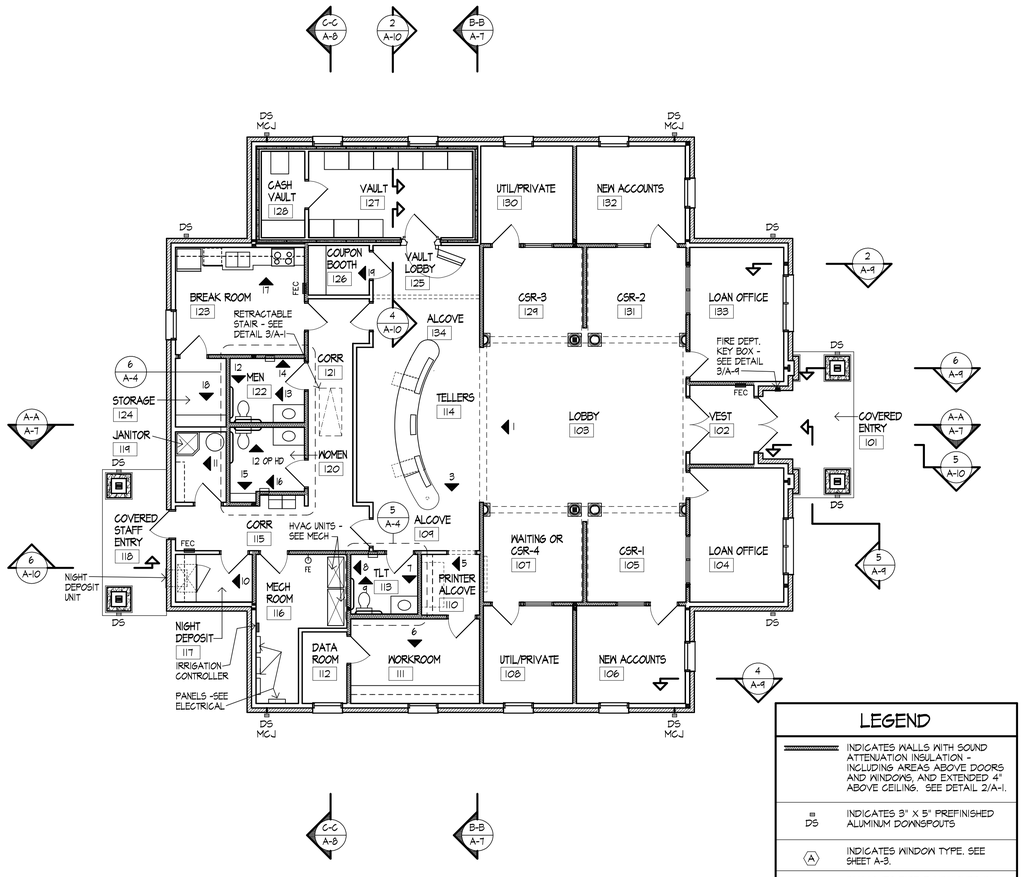


3 **DETAIL** SCALE 1 1/2" = 1'-0"

RETRACTABLE STAIR

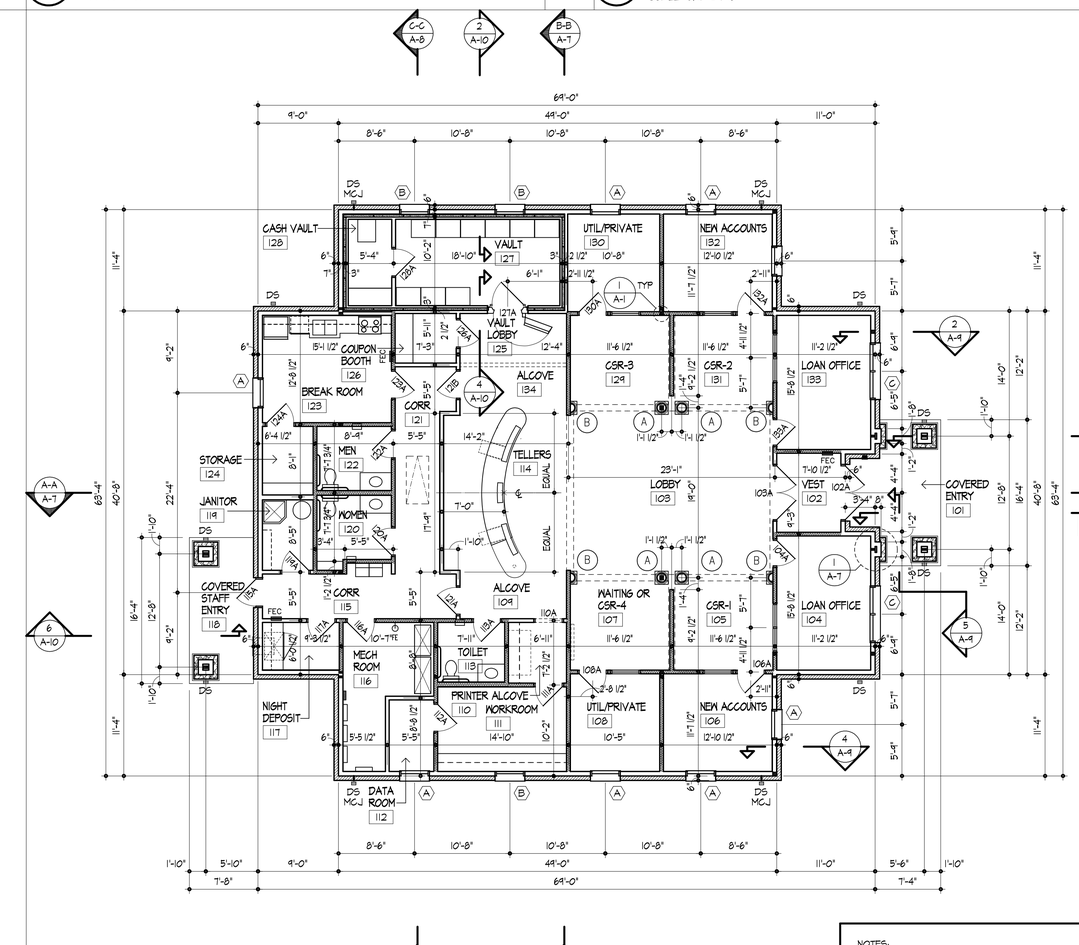


4 **FIRE EXTINGUISHER MOUNTING HEIGHTS** SCALE 3/4" = 1'-0"



LEGEND

	INDICATES WALLS WITH SOUND ATTENUATION INSULATION - INCLUDING AREAS ABOVE DOORS AND WINDOWS, AND EXTENDED 4" ABOVE CEILING. SEE DETAIL 2/A-1.
DS	INDICATES 3" X 5" PREFINISHED ALUMINUM DOWNSPOUTS
A	INDICATES WINDOW TYPE. SEE SHEET A-3.
FEC	INDICATES FIRE EXTINGUISHER IN SEMI-RECESSED METAL CABINET. SEE DETAIL 4/A-1.
FE	FIRE EXTINGUISHER ON WALL-MOUNTED BRACKET. SEE DETAIL 4/A-1.
	INDICATES INTERIOR ELEVATIONS. SEE SHEETS A-13 THRU A-14.
A	TUSCAN COLUMN - SEE 1/A-3 FOR SIZE AND MATERIAL
MCJ	FIRE EXTINGUISHER ON WALL-MOUNTED BRACKET. SEE DETAIL 4/A-2.



NOTES:

1. ALL EXTERIOR WALLS TO BE 6" X 18 GAUGE STEEL STUDS 1'-4" OC (UNLESS INDICATED OTHERWISE) - (SEE STRUCTURAL) WITH ONE LAYER 5/8" GYPSUM BOARD TYPE X ON INTERIOR FACE.

   CONTRACTOR'S OPTION: 2 X 6 WOOD STUDS MAYBE USED IN LIEU OF 6" STEEL STUDS.

2. ALL INTERIOR WALLS TO BE 3 5/8" X 18 GAUGE STEEL STUDS 1'-4" OC (UNLESS INDICATED OTHERWISE) WITH ONE LAYER 5/8" GYPSUM BOARD TYPE X ON EACH FACE.

   CONTRACTOR'S OPTION: 2 X 4 WOOD STUDS MAYBE USED IN LIEU OF 6" STEEL STUDS.

JOB NORTH

FLOOR PLAN - NOTES SCALE 1/8" = 1'-0"

JOB NORTH

FLOOR PLAN - LAYOUT SCALE 1/8" = 1'-0"

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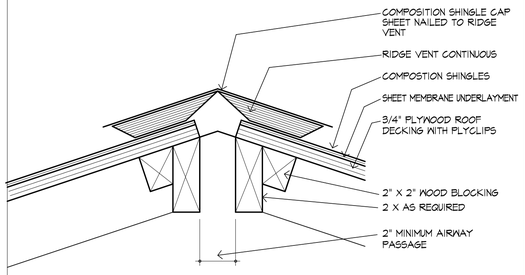
CHECKED	CED	REVISED	

DRAWING TITLE
FLOOR PLAN - NOTES
FLOOR PLAN - LAYOUT

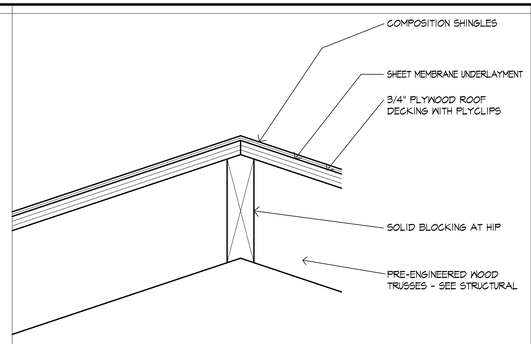
DRAWING NUMBER
A-1
OF 15

File Name: G:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 A01 FLOOR PLANS
Plot Date: 1/30/2018 Plot Time: 3:30 PM



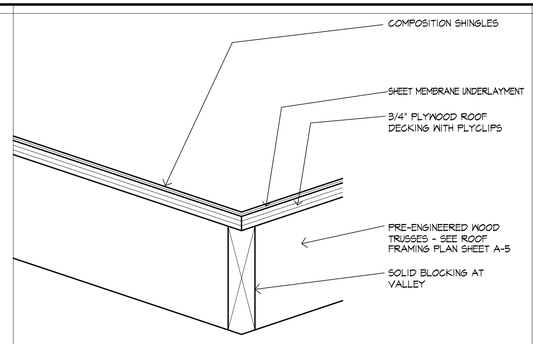
1 DETAIL SCALE 3" = 1'-0"

RIDGE VENT AT COMPOSITION SHINGLE ROOF



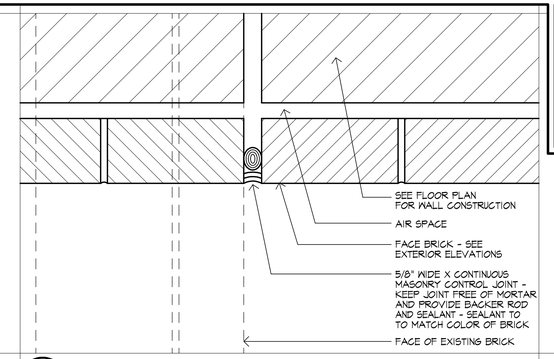
2 DETAIL SCALE 3" = 1'-0"

HIP RIDGE AT COMPOSITION SHINGLE ROOF



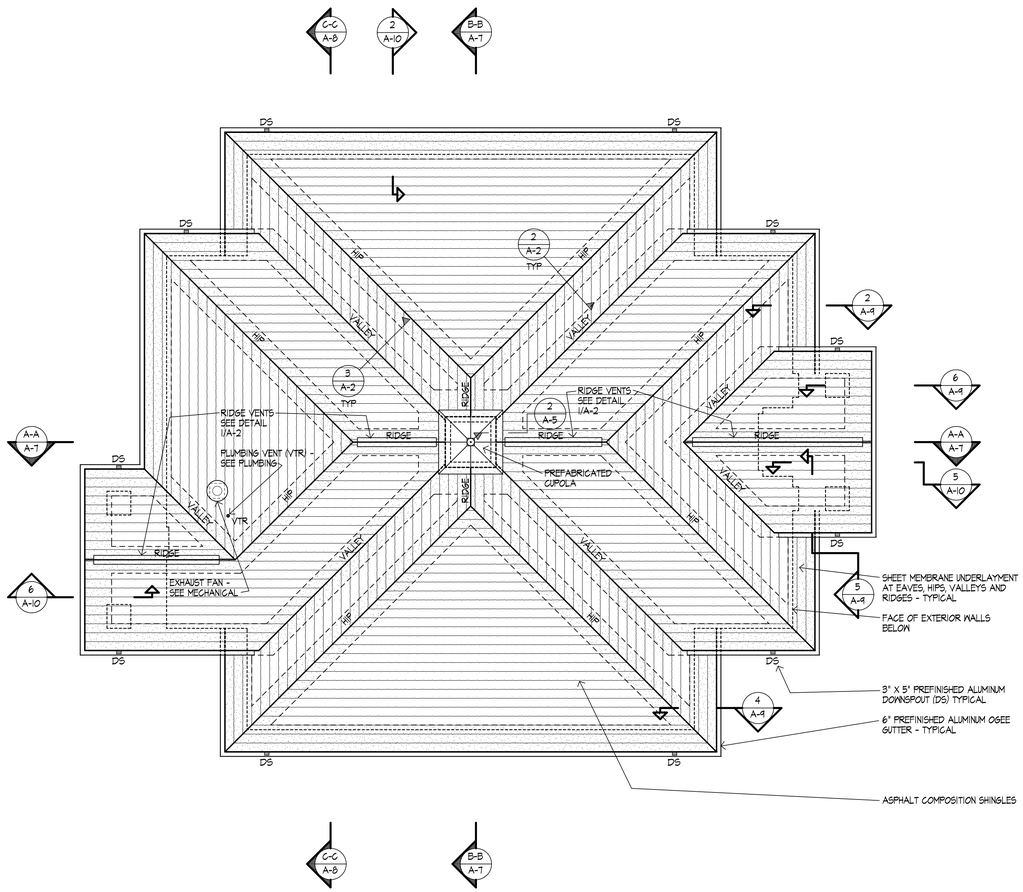
3 DETAIL SCALE 3" = 1'-0"

VALLEY AT COMPOSITION SHINGLE ROOF



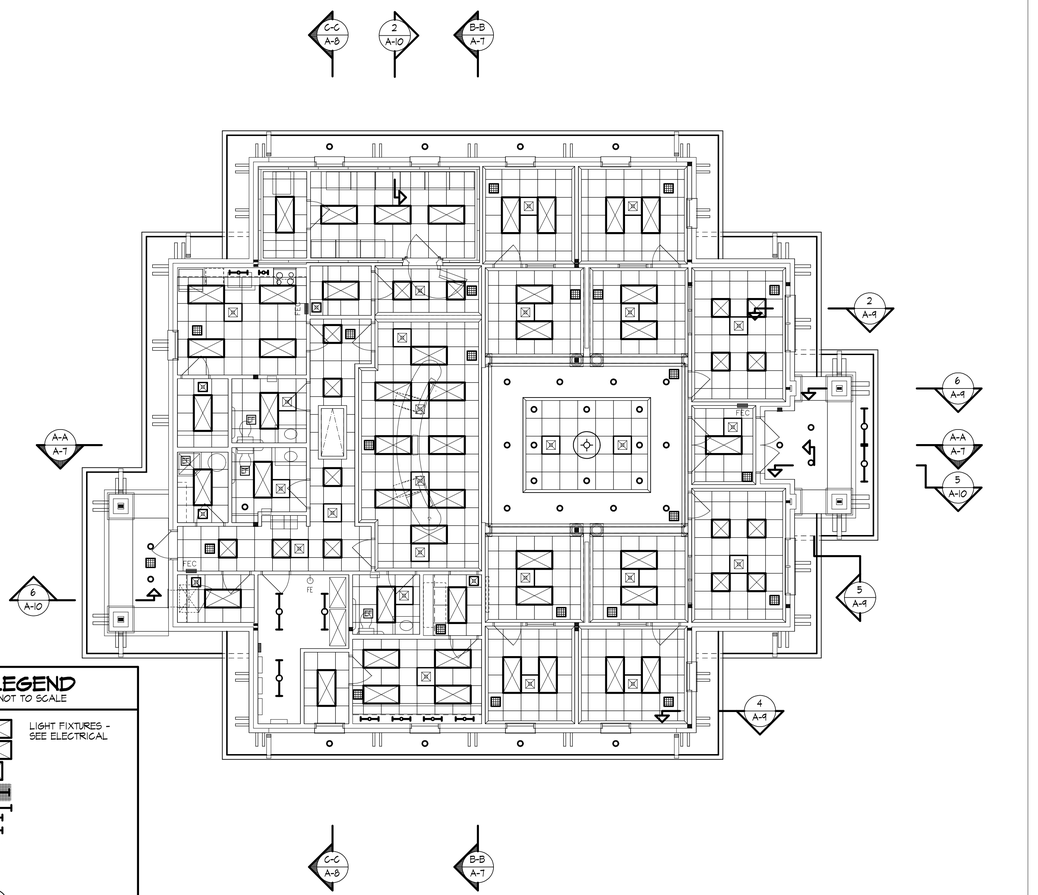
4 DETAIL SCALE 3" = 1'-0"

EXTERIOR MASONRY CONTROL JOINTS (MCJ)



NOTE:
PAINT ALL ROOF PENETRATION SUCH ARE VENT PIPE, ETC TO MATCH ROOF SURFACE. VERIFY COLOR WITH ARCHITECT.

ROOF PLAN
SCALE 1/8" = 1'-0"



LEGEND
NOT TO SCALE

LIGHT FIXTURES - SEE ELECTRICAL

CEILING DIFFUSERS AND GRILLES - SEE MECHANICAL

REFLECTED CEILING PLAN
SCALE 1/8" = 1'-0"

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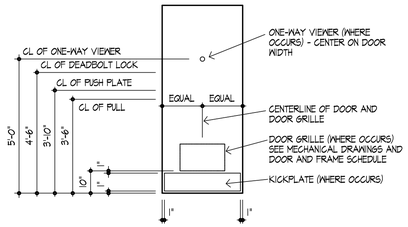
BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

JOB NO.	1612
DRAWN	JWH, GAS
CHECKED	CED
DATE	11/30/17
REVISED	
REVISED	

DRAWING TITLE
ROOF PLAN
REFLECTED CEILING PLAN

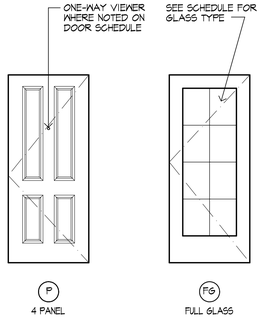
DRAWING NUMBER
A-2
OF 15

File Name: G:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 A02 RCP N ROOF PLAN
Plot Date: 2/5/2018 Plot Time: 10:16 AM

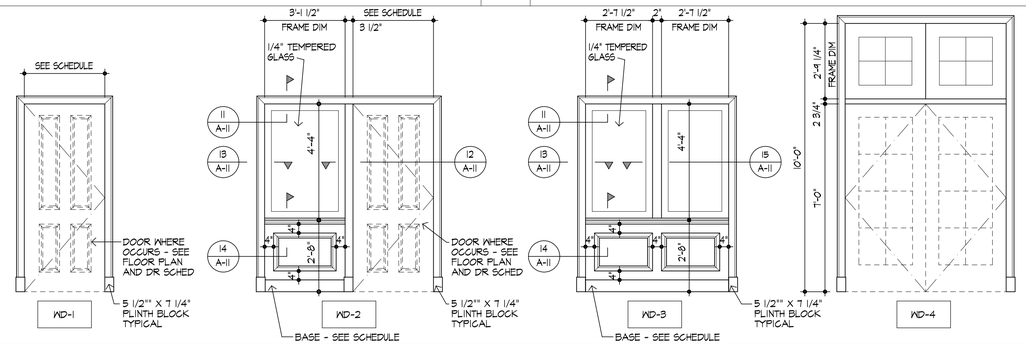


1 DETAIL
SCALE 3/8" = 1'-0"

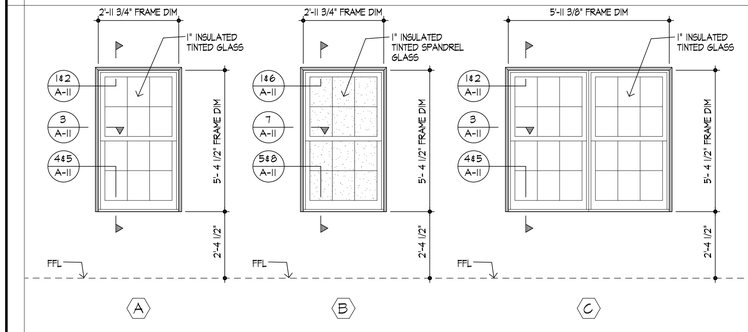
STANDARD HARDWARE MOUNTING HEIGHTS



DOOR TYPES
SCALE 3/8" = 1'-0"

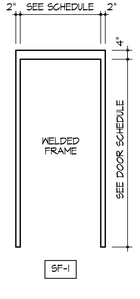


WOOD FRAME TYPES
SCALE 3/8" = 1'-0"

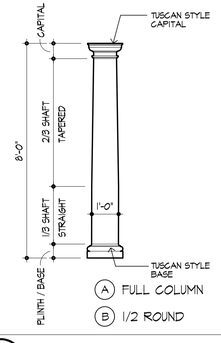


WINDOW TYPES
SCALE 3/8" = 1'-0"

NOTE: WINDOW SIZES BASED ON LOEWEN WINDOWS AND DOORS MANUFACTURER'S DIMENSIONS



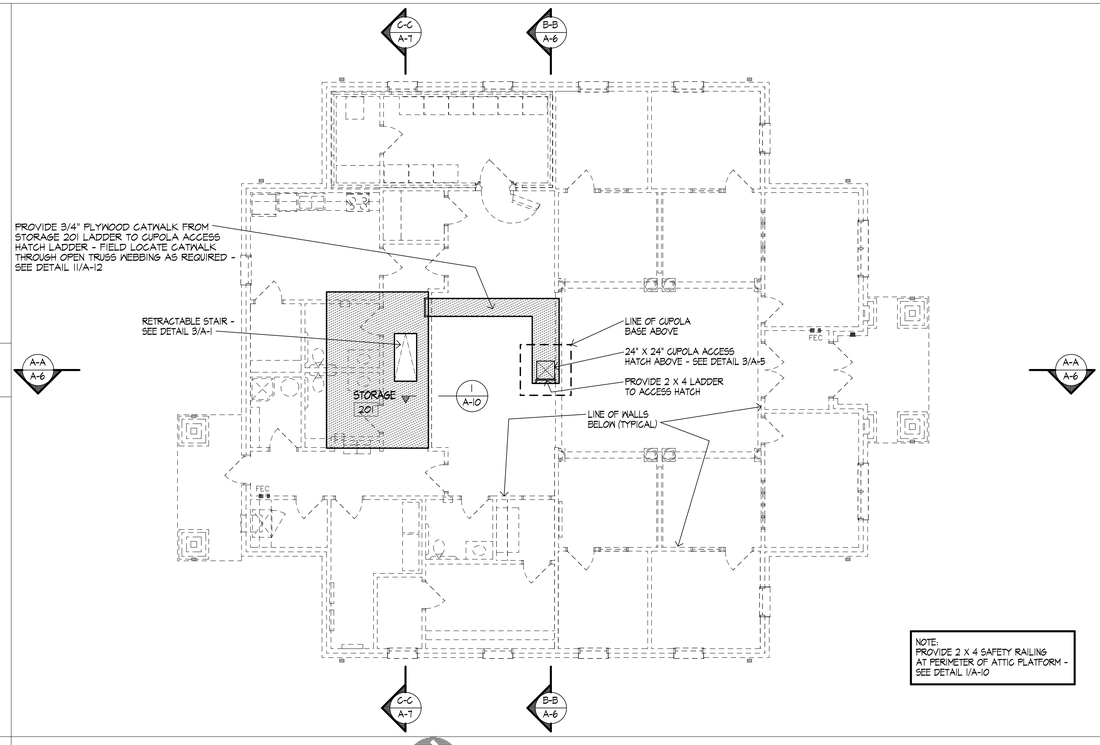
STEEL FRAME TYPES
SCALE 3/8" = 1'-0"



1 WOOD TUSCAN COLUMN TYPES
SCALE 3/8" = 1'-0"

DOOR AND FRAME SCHEDULE

NO.	DOOR SIZE	DOOR CONSTRUCTION	DOOR TYPE	DOOR VISION PANEL SIZE	DOOR VISION PANEL GLASS TYPE	DOOR FINISH	DOOR ROOM SIDE DOOR COLOR	DOOR OUTSIDE RM DOOR COLOR	FRAME TYPE	FRAME DETAILS	FRAME ROOM SIDE FRAME COLOR	FRAME OUTSIDE RM FRAME COLOR	DOOR AND FRAME ASSEMBLY FIRE RATING/LABEL	THRESHOLD MATL	THRESHOLD DETL	REMARKS
102A	(2) 3'-0" X 7'-0" X 1 3/4"	ALUM-CLAD WOOD/GLASS	FG	FULL GLASS	INSUL TINTED TEMP				WD-1	1/A-11 & 9, 10/A-12			--------	ALUMINUM	2/A-4	
103A	(2) 3'-0" X 7'-0" X 1 3/4"	WOOD / GLASS	FG	FULL GLASS	1/4" TEMPERED				WD-1	9, 10/A-11			--------	VINYL	3/A-4	
104A	2'-10" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-1	9, 10/A-11			--------	VINYL	3/A-4	
106A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-2	9, 10, 12/A-11			--------	------	------	
108A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-2	9, 10, 12/A-11			--------	------	------	
109A	2'-10" X 7'-0" CASED OPENING	----------	----	----------	----------				WD-1	12, 13/A-12			--------	------	------	
110A	3'-0" X 7'-0" CASED OPENING	----------	----	----------	----------				WD-1	12, 13/A-12			--------	------	------	
111A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-1	9, 10/A-11			--------	VINYL	3/A-4	
112A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-1	9, 10/A-11			--------	------	------	
113A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-1	9, 10/A-11			--------	MARBLE	4/A-4	
115A	3'-0" X 7'-0" X 1 3/4"	INSULATED METAL	P	----------	----------				SF-1	1/A-11 & 7, 8/A-12			--------	ALUMINUM	2/A-4	PROVIDE ONE-WAY DOOR VIEWER
116A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-1	9, 10/A-11			--------	VINYL	3/A-4	
117A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-1	9, 10/A-11			--------	------	------	
119A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-1	9, 10/A-11			--------	VINYL	3/A-4	
120A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-1	9, 10/A-11			--------	MARBLE	4/A-4	
121A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-1	9, 10/A-11			--------	VINYL	3/A-4	
121B	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-1	9, 10/A-11			--------	VINYL	3/A-4	
122A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-1	9, 10/A-11			--------	MARBLE	4/A-4	
123A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-1	9, 10/A-11			--------	VINYL	3/A-4	
124A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-1	9, 10/A-11			--------	------	------	
125A	2'-10" X 7'-0" CASED OPENING	----------	----	----------	----------				WD-1	12, 13/A-12			--------	VINYL	3/A-4	
126A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------	----------				WD-1	9, 10/A-11			--------	------	------	
127A	SEE DETAILS FOR DOOR SIZE	VAULT DR BY EQUIP SUPPLIER	----	----------	----------	PREFIN	----	----	----	1, 2/A-12			--------	STEEL	3/A-12	
128A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------					WD-1	9, 10/A-11			--------	------	------	
130A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------					WD-2	9, 10, 12/A-11			--------	------	------	
132A	3'-0" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------					WD-2	9, 10, 12/A-11			--------	------	------	
133A	2'-10" X 7'-0" X 1 3/4"	SOLID CORE HARDBOARD	P	----------					WD-1	9, 10/A-11			--------	VINYL	3/A-4	



ATTIC FLOOR PLAN
SCALE 1/8" = 1'-0"

STATE OF ALABAMA
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BRANCH BANK FOR
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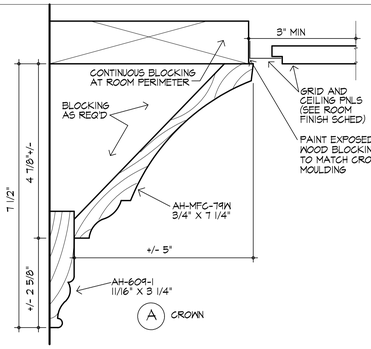
DOUBLE SPRINGS, ALABAMA

JOB NO.	1612
DRAWN	JWH, GAS
CHECKED	CED
DATE	11/30/17
REVISED	
REVISED	

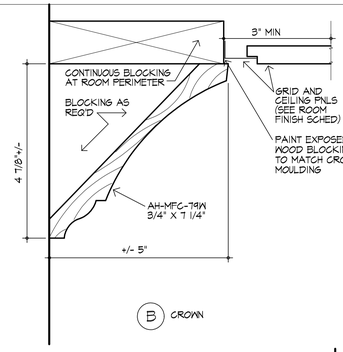
DRAWING TITLE
DOOR SCHEDULE

DRAWING NUMBER
A-3
OF 15

File Name: G:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 A03 DOOR SCHEDULE
Plot Date: 1/30/2018 Plot Time: 3:30 PM

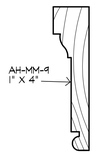


A CROWN

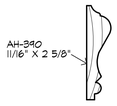


B CROWN

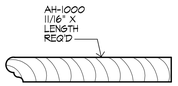
C BASE AND SHOE



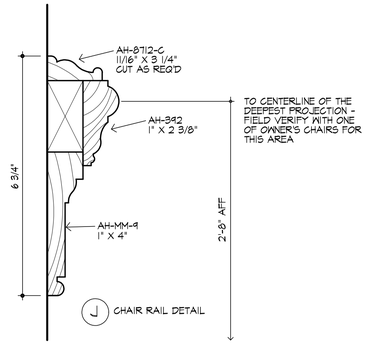
D TYPICAL DOOR / WINDOW CASING



E TRIM MOULD

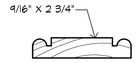


G TYPICAL WINDOW STOOL



J CHAIR RAIL DETAIL

F TYPICAL APPLIED PANEL MOULD



H TYPICAL DOOR / WINDOW MULLION MOULD

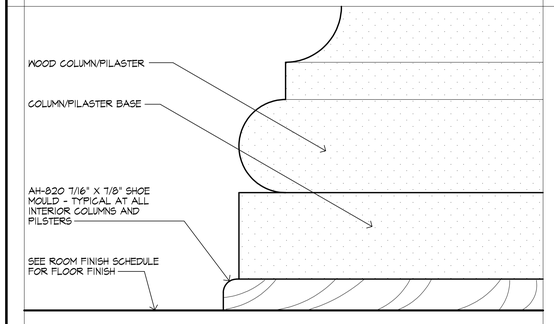
NOTE: COORDINATE BASE TRIM WITH ARCHITECT WHERE NOTED ON INTERIOR ELEVATIONS TO AVOID CONFLICTS WITH BANK EQUIPMENT AND MILLWORK AT VARIOUS LOCATIONS

MOULDING DETAILS

SCALE 6" = 1'-0"

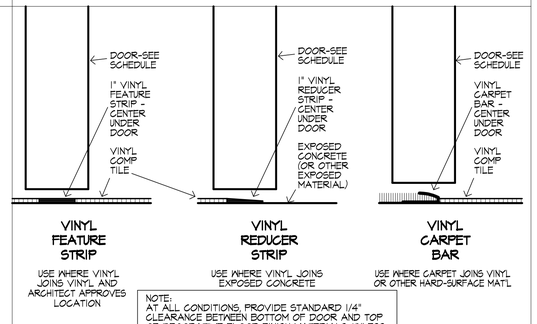
ROOM FINISH SCHEDULE

ROOM		FLOOR		BASE		WALLS			CEILING				REMARKS
NO.	NAME	MATERIAL	COLOR	MATERIAL	COLOR	SUBSTRATE	FINISH	COLOR	SUBSTRATE	FINISH	COLOR	HT.	
101	COVERED ENTRY	CONCRETE		----------	---------	----------	---------	---------	COMPOSITE BEADBOARD	ENAMEL		12'-4"	
102	VESTIBULE	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	11'-0"	
103	LOBBY	SOLID VINYL TILE		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			GYPSUM BOARD/ ACOUST PANELS	ENAMEL/ TYPE 1	WHITE	9'-6"/ 11'-6"	
104	LOAN OFFICE	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-6"	
105	CSR-1	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-6"	
106	NEW ACCOUNTS	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-6"	
107	WAITING OR CSR-4	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-6"	
108	UTILITY / PRIVATE	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-6"	
109	ALCOVE	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-6"	
110	PRINTER ALCOVE	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 2	WHITE	9'-0"	
111	WORKROOM	VCT		RESILIENT		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 2	WHITE	9'-6"	
112	DATA ROOM	VCT		RESILIENT		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 2	WHITE	9'-6"	
113	TOILET	PORCELAIN CERAMIC TILE		PORCELAIN CERAMIC TILE		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-0"	
114	TELLERS	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-6"	
115	CORRIDOR	VCT		RESILIENT		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 2	WHITE	8'-6"	
116	MECHANICAL ROOM	CONCRETE		RESILIENT		GYPSUM BOARD			GYPSUM BOARD	ENAMEL	CEILING WHITE	12'-0"	
117	NIGHT DEPOSIT	VCT		RESILIENT		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 2	WHITE	9'-0"	
118	COVERED STAFF ENTRY	CONCRETE		----------	---------	----------	---------	---------	COMPOSITE BEADBOARD	ENAMEL		10'-9"	
119	JANITOR	CONCRETE		RESILIENT		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 2	WHITE	9'-0"	
120	WOMEN	PORCELAIN CERAMIC TILE		PORCELAIN CERAMIC TILE		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 2	WHITE	8'-6"	
121	CORRIDOR	VCT		RESILIENT		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 2	WHITE	8'-6"	
122	MEN	PORCELAIN CERAMIC TILE		PORCELAIN CERAMIC TILE		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 2	WHITE	8'-6"	
123	BREAK ROOM	VCT		RESILIENT		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 2	WHITE	9'-6"	
124	STORAGE	VCT		RESILIENT		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 2	WHITE	9'-0"	
125	VAULT LOBBY	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-6"	
126	COUPON BOOTH	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-0"	
127	VAULT	CARPET		RESILIENT		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 2	WHITE	8'-0"	
128	CASH VAULT	CARPET		RESILIENT		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 2	WHITE	8'-0"	
129	CSR-3	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-6"	
130	UTILITY / PRIVATE	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-6"	
131	CSR-2	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-6"	
132	NEW ACCOUNTS	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-6"	
133	LOAN OFFICE	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-6"	
134	ALCOVE	CARPET		WOOD - TYPE 3 PAINTED		GYPSUM BOARD			ACOUSTICAL PANEL	TYPE 1	WHITE	9'-6"	
201	STORAGE	PLYWOOD DECKING	----------	----------	---------	*EXPOSED STRUCTURE	----------	----------	EXPOSED STRUCTURE	----------	----------	-------	*PROVIDE 2 X 4 RAILINGS - SEE DETAIL 1/A-10



1 DETAIL
SCALE 6" = 1'-0"

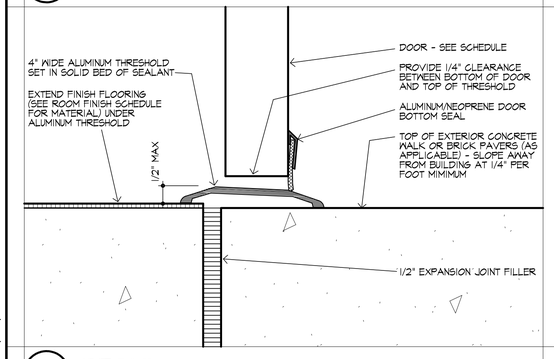
COLUMN / PILASTER BASE WITH SHOE MOULD



NOTE:
AT ALL CONDITIONS, PROVIDE STANDARD 1/4" CLEARANCE BETWEEN BOTTOM OF DOOR AND TOP OF DECORATIVE FLOOR FINISH MATERIALS, UNLESS ADDITIONAL UNDERCUT IS INDICATED ELSEWHERE.

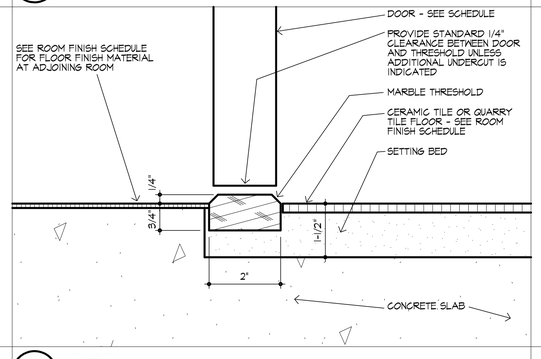
3 DETAIL
SCALE 6" = 1'-0"

THRESHOLD CONDITIONS AT INTERIOR DOORS



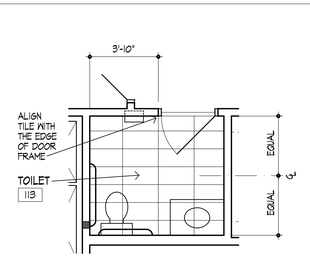
2 DETAIL
SCALE 6" = 1'-0"

ALUMINUM THRESHOLD - HANDICAPPED ACCESSIBLE DOORS

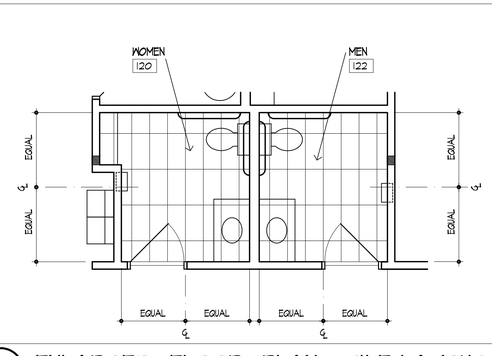


4 DETAIL
SCALE 6" = 1'-0"

MARBLE THRESHOLD (AT TILE FLOOR WITH SETTING BED)



5 ENLARGED FLOOR PLAN - TILE LAYOUT
SCALE 1/4" = 1'-0"



6 ENLARGED FLOOR PLAN - TILE LAYOUT
SCALE 1/4" = 1'-0"

STATE OF ALABAMA
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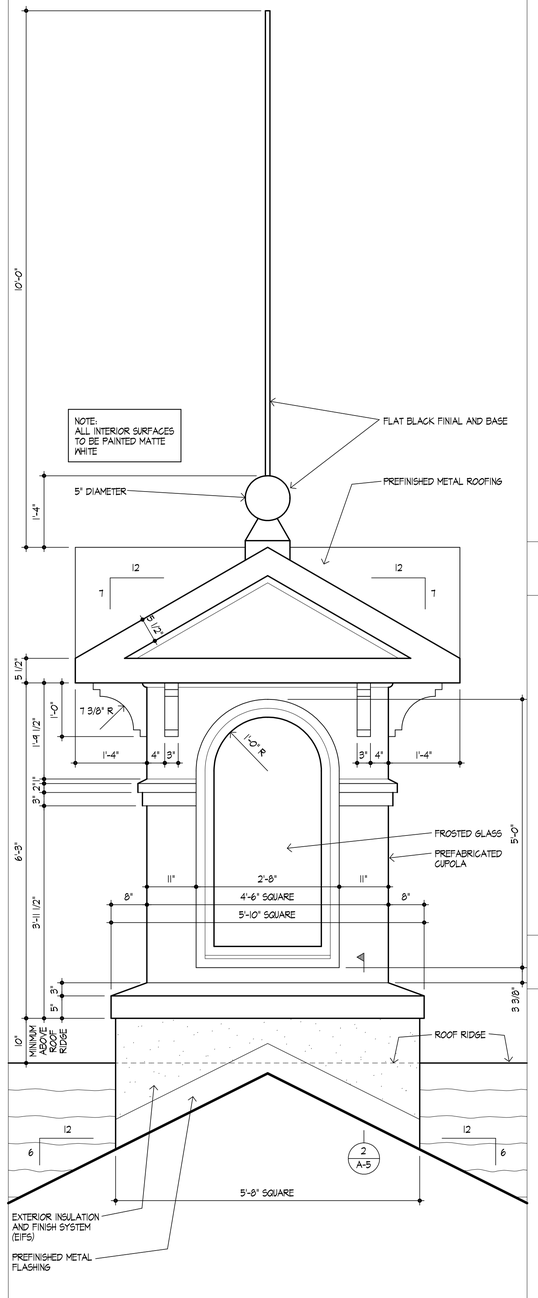
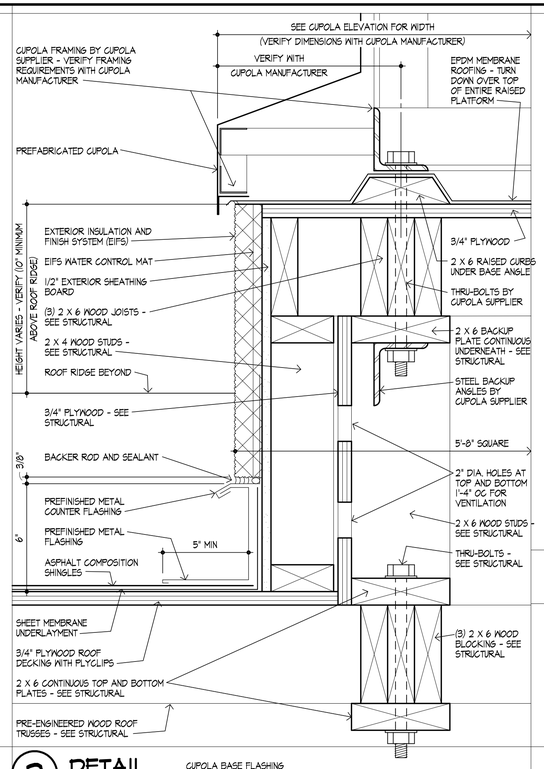
DRAWING TITLE
ROOM FINISH SCHEDULE, DETAILS

DRAWING NUMBER
A-4
OF 15

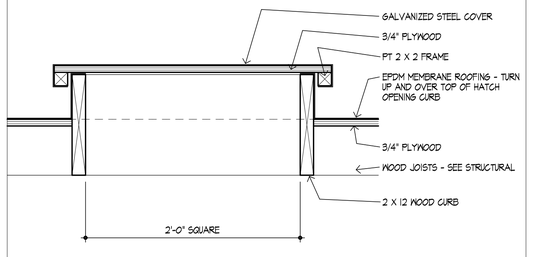
File Name: G:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 A04 FINISH SCHEDULE
Plot Date: 1/30/2018 Plot Time: 3:30 PM



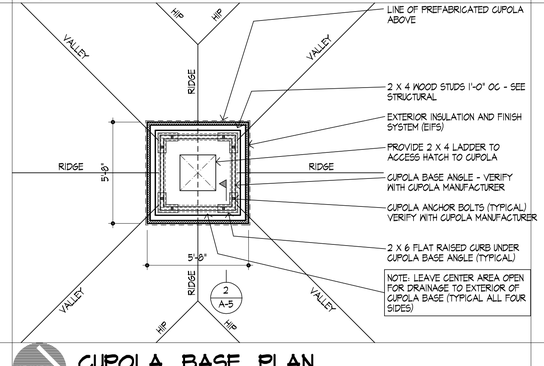
1 ELEVATION
SCALE 3/4" = 1'-0"
PREFABRICATED CUPOLA



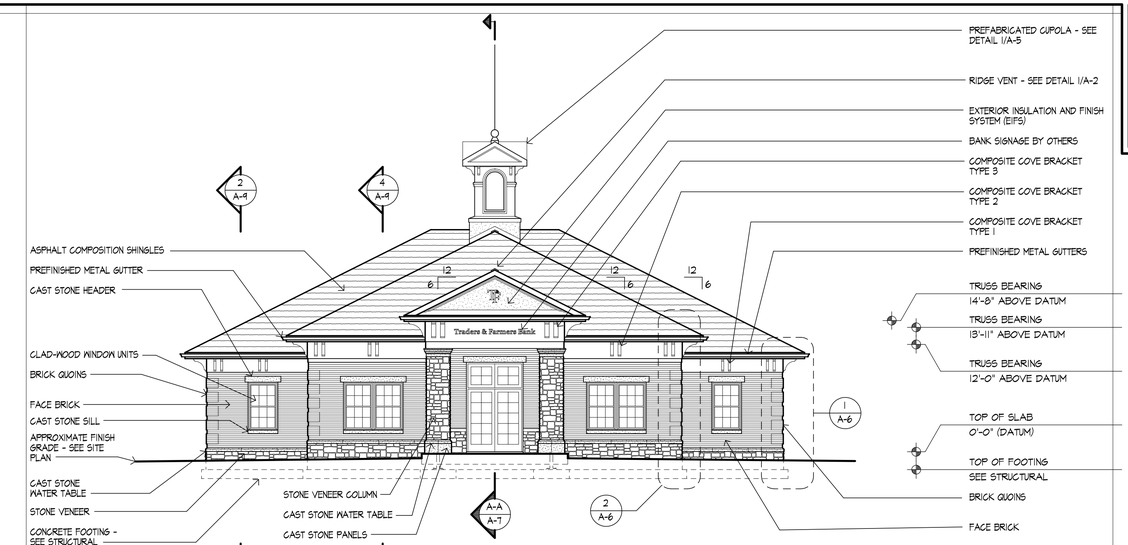
2 DETAIL
SCALE 3" = 1'-0"
CUPOLA BASE FLASHING



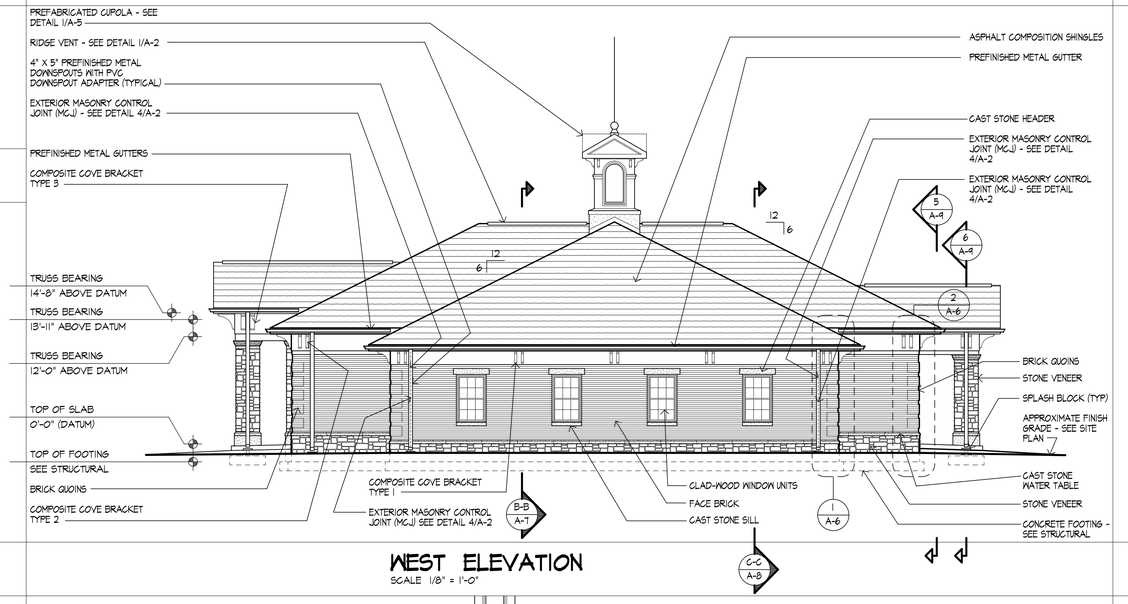
3 DETAIL
SCALE 1 1/2" = 1'-0"
CUPOLA ACCESS HATCH



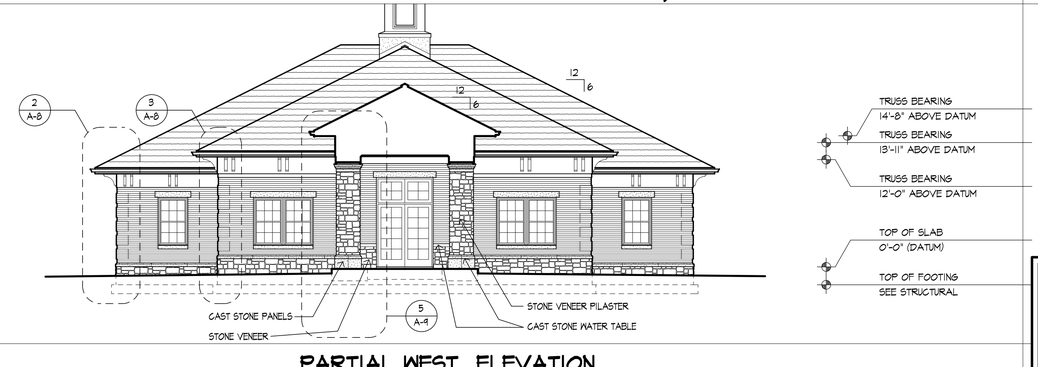
GRID NORTH
CUPOLA BASE PLAN
SCALE 1/4" = 1'-0"



NORTH ELEVATION
SCALE 1/8" = 1'-0"



WEST ELEVATION
SCALE 1/8" = 1'-0"



PARTIAL WEST ELEVATION
SCALE 1/8" = 1'-0"

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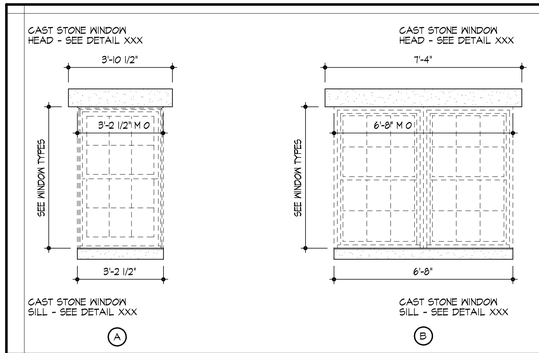
BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

JOB NO.	1612	DATE	11/30/17
DRAWN	JWH, GAS	REVISED	
CHECKED	CED	REVISED	

DRAWING TITLE
EXTERIOR ELEVATIONS

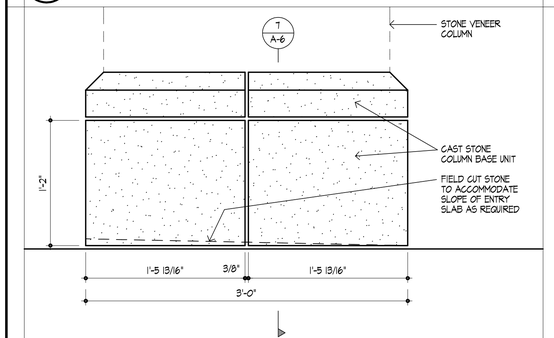
DRAWING NUMBER
A-5
OF 15

File Name: G:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 MD\1612 A05 EXTERIOR ELEVATIONS
Plot Date: 2/5/2018 Plot Time: 10:15 AM



1 CAST STONE HEADER AND SILL TYPES

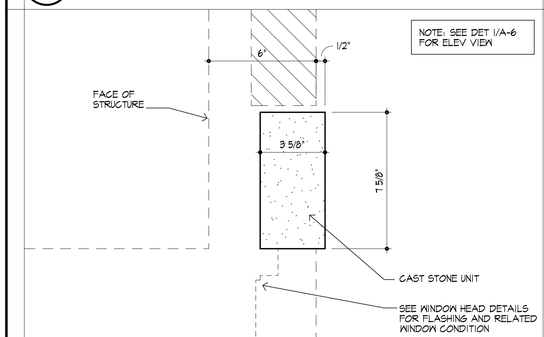
SCALE 3/8" = 1'-0"



2 DETAIL

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

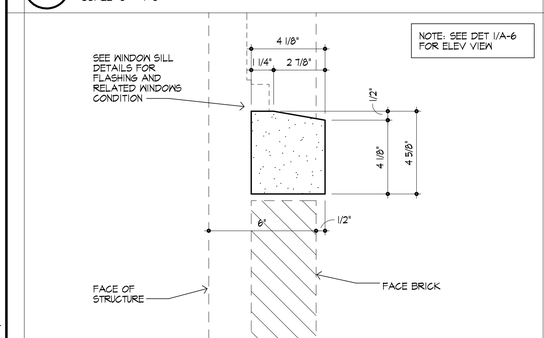
CAST STONE COLUMN BASE UNIT



3 DETAIL

SCALE 3" = 1'-0"

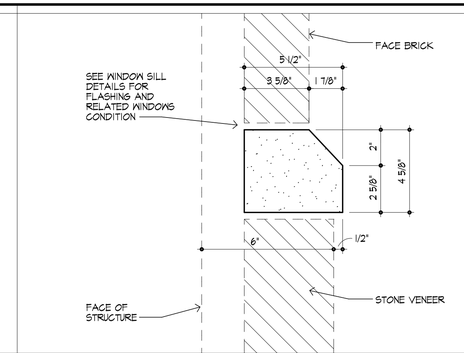
CAST STONE MASONRY UNIT PLAIN HEADER - SEE EXT ELEV FOR LOCATIONS



4 DETAIL

SCALE 3" = 1'-0"

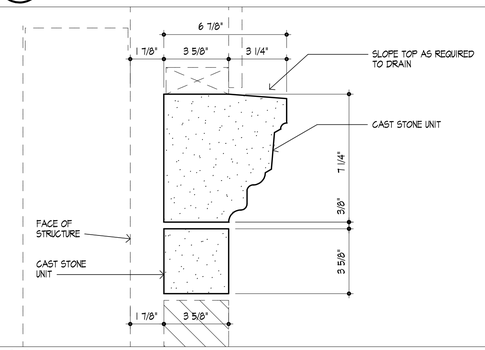
CAST STONE MASONRY SILL UNIT - SEE EXT ELEV



5 DETAIL

SCALE 3" = 1'-0"

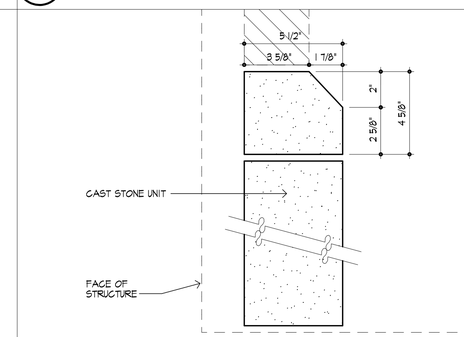
CAST STONE MASONRY WATER TABLE UNIT - SEE EXT ELEV



6 DETAIL

SCALE 3" = 1'-0"

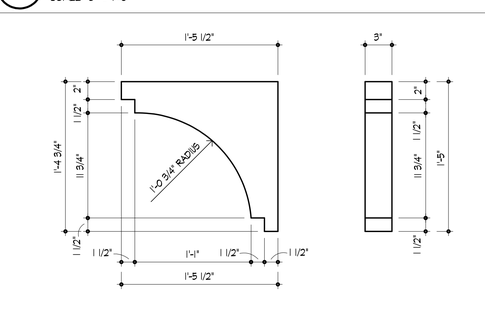
CAST STONE MASONRY UNIT CAPITAL - SEE EXT ELEV FOR LOCATIONS



7 DETAIL

SCALE 3" = 1'-0"

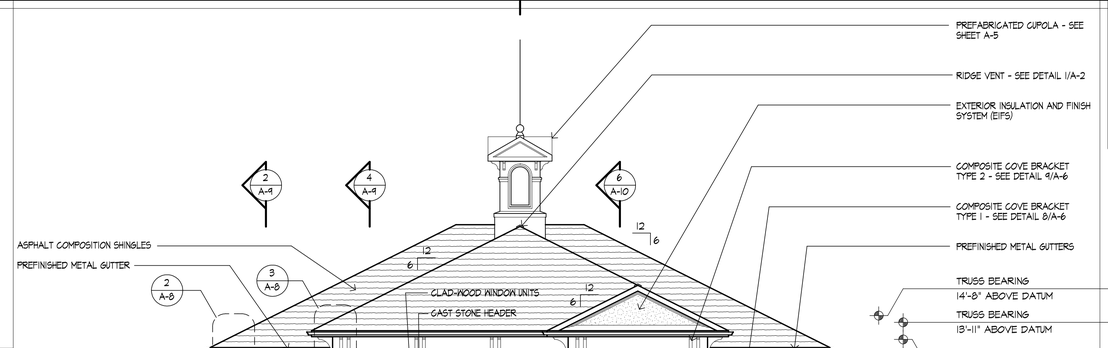
CAST STONE MASONRY COLUMN BASE UNIT - SEE EXT ELEV



8 DETAIL

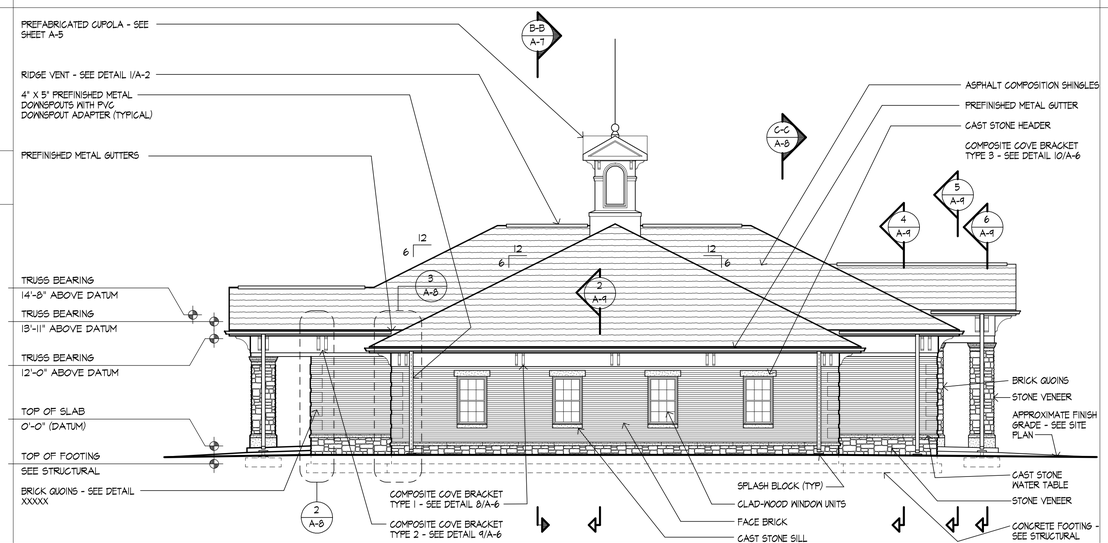
SCALE 1 1/2" = 1'-0"

COMPOSITE COVE BRACKET - TYPE 1



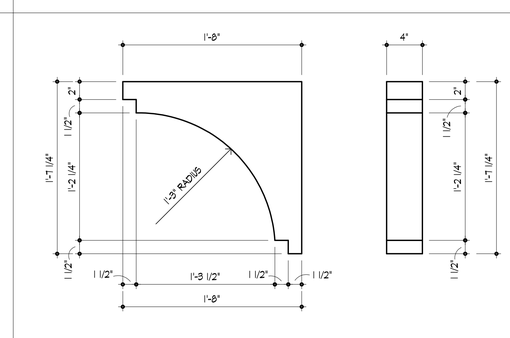
SOUTH ELEVATION

SCALE 1/8" = 1'-0"



EAST ELEVATION

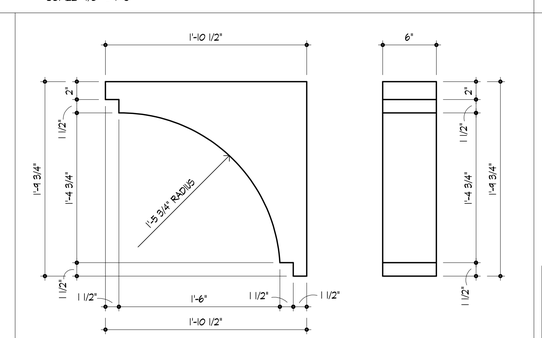
SCALE 1/8" = 1'-0"



9 DETAIL

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

COMPOSITE COVE BRACKET - TYPE 2



10 DETAIL

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

COMPOSITE COVE BRACKET - TYPE 3

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BRANCH BANK FOR
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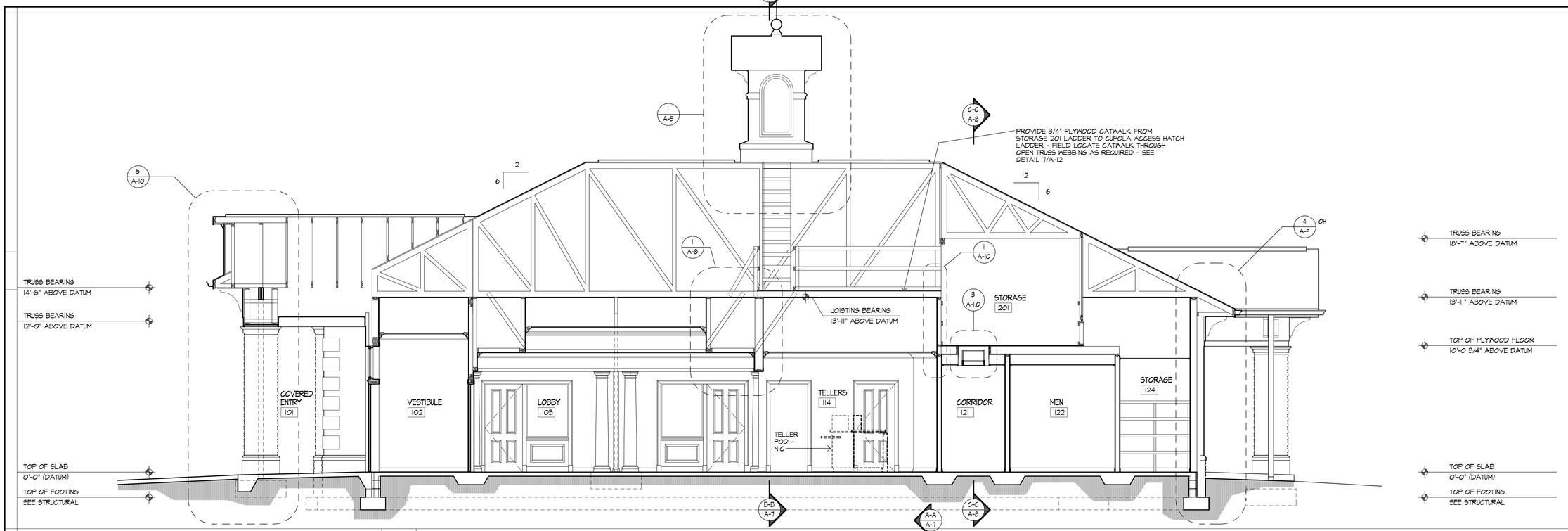
DOUBLE SPRINGS, ALABAMA

JOB NO.	1612
DRAWN	JWH
CHECKED	CED
DATE	11/30/17
REVISED	
REVISED	

DRAWING TITLE
EXTERIOR ELEVATIONS

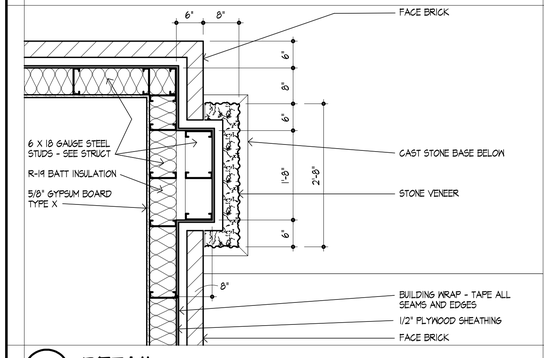
DRAWING NUMBER
A-6
OF 15

File Name: C:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 A06 EXTERIOR ELEVATIONS.dwg
Plot Date: 1/30/2018 Plot Time: 3:30 PM



BUILDING SECTION A-A

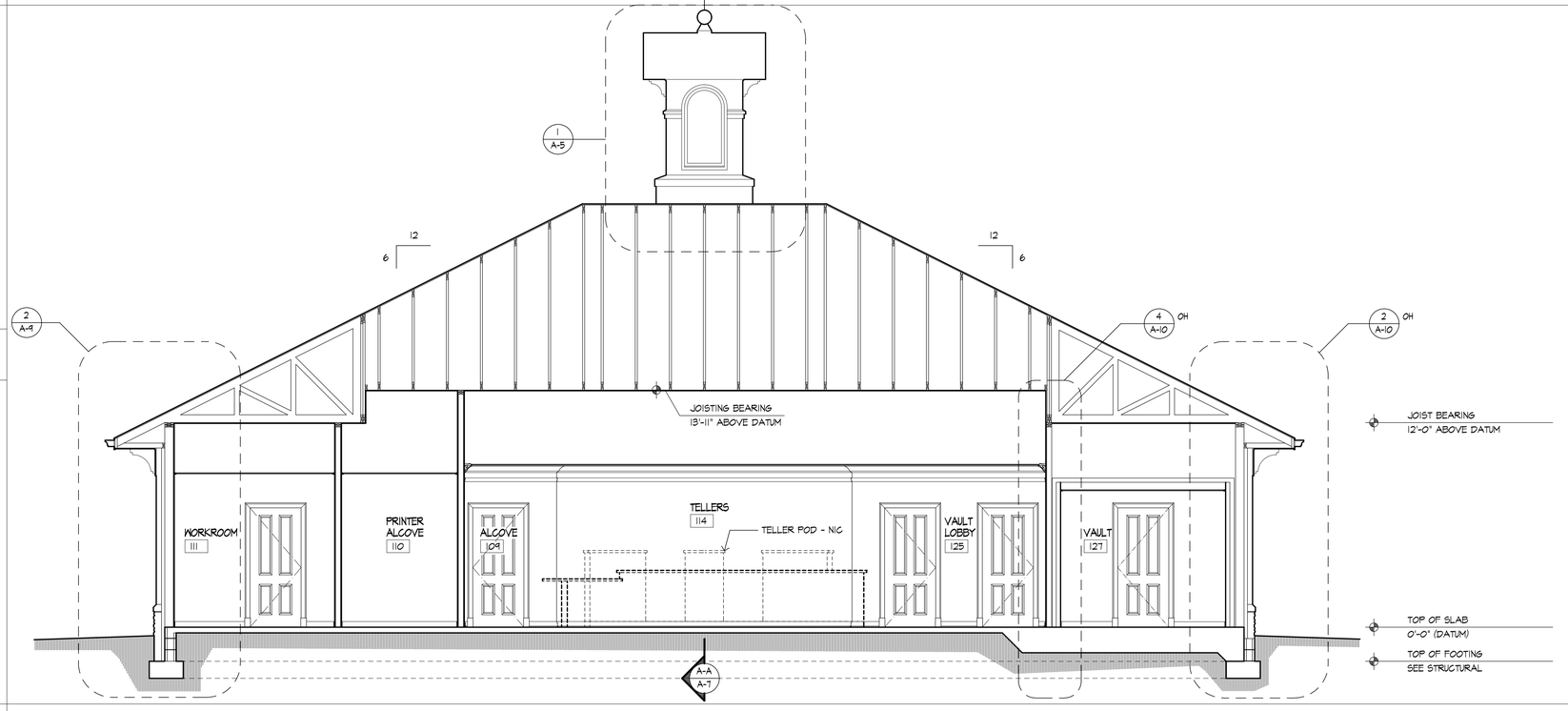
SCALE 1/4" = 1'-0"



1 DETAIL

SCALE 3/4" = 1'-0"

STONE VENEER PILASTER



BUILDING SECTION B-B

SCALE 1/4" = 1'-0"

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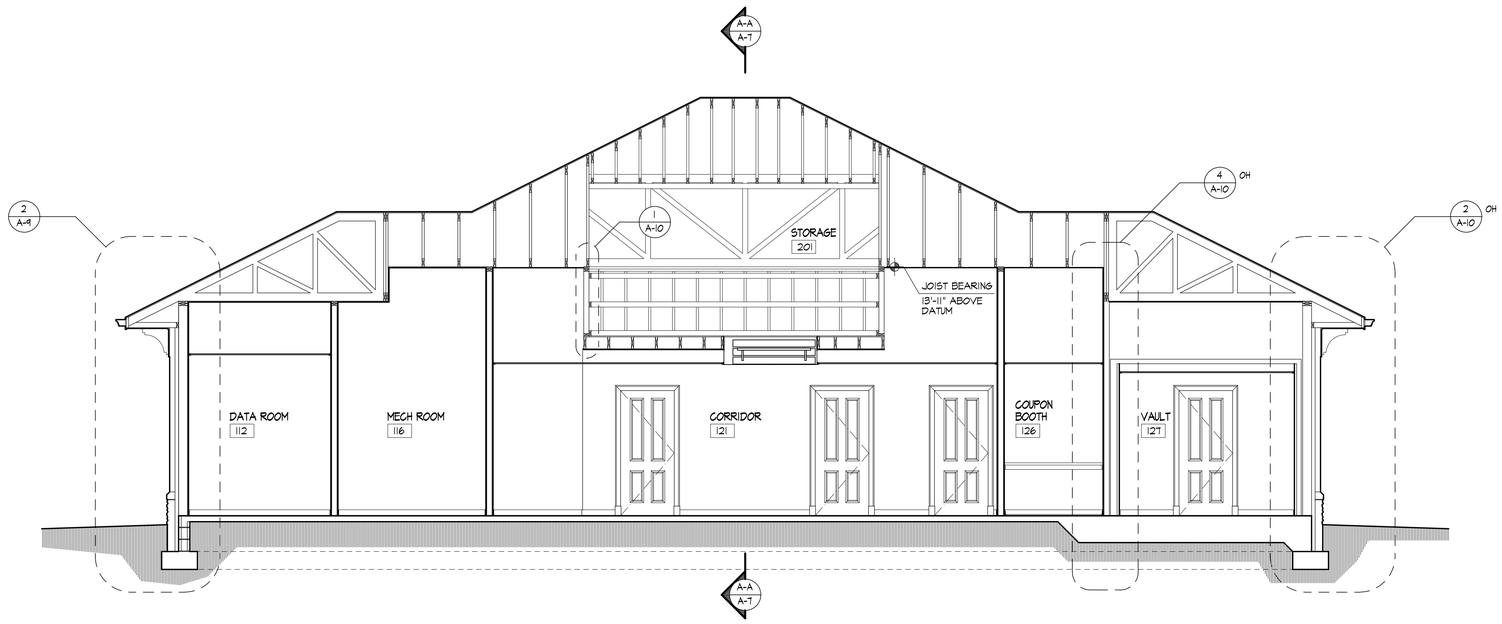
DOUBLE SPRINGS, ALABAMA

JOB NO.	1612	DATE	11/30/17
DRAWN	JWH	REVISED	REVISED
CHECKED	CED	REVISED	

DRAWING TITLE
BUILDING SECTION

DRAWING NUMBER
A-7
OF 15

File Name: G:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 A07 BUILDING SECTIONS
Plot Date: 1/30/2018 Plot Time: 3:31 PM



BUILDING SECTION C-C

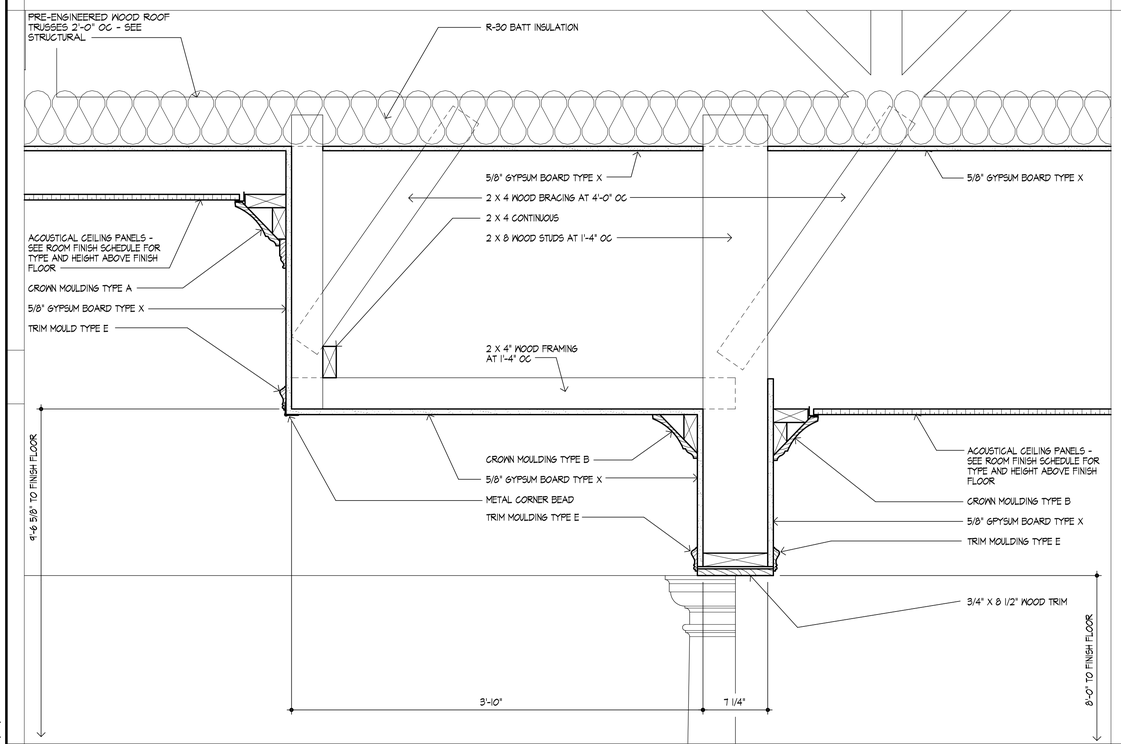
SCALE 1/4" = 1'-0"

JOIST BEARING
12'-0" ABOVE DATUM

TOP OF PLYWOOD FLOOR
10'-0 3/4" ABOVE DATUM

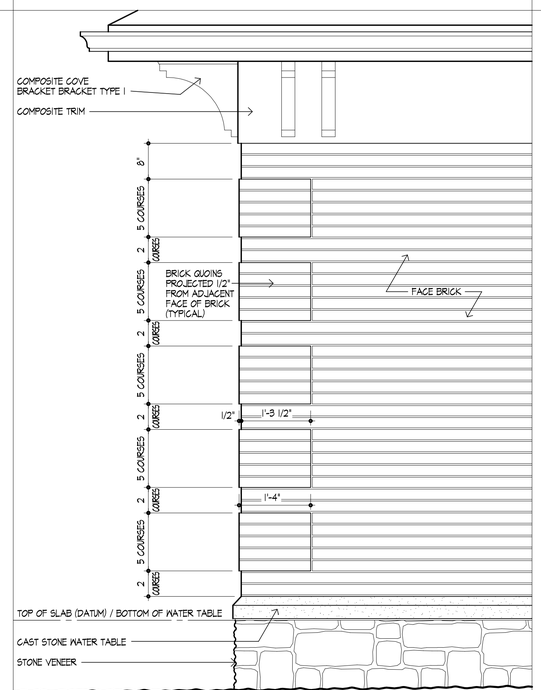
TOP OF SLAB
0'-0" (DATUM)

TOP OF FOOTING
SEE STRUCTURAL



1 DETAIL

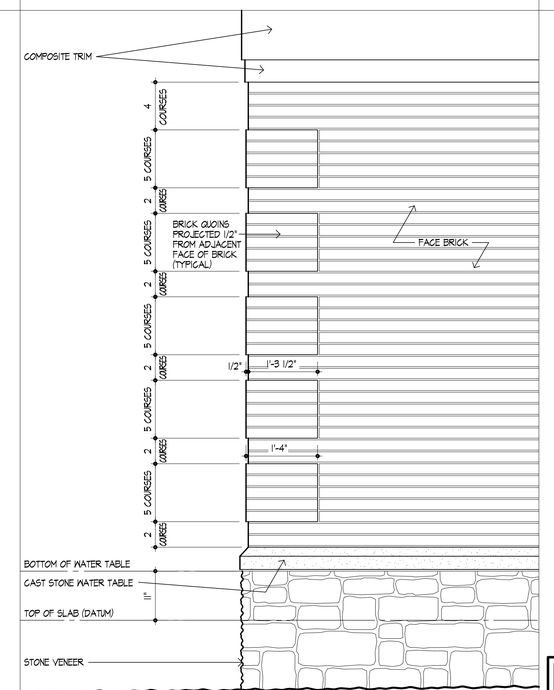
SCALE 1 1/2" = 1'-0"



2 DETAIL

SCALE 3/4" = 1'-0"

BRICK QUOINS



3 DETAIL

SCALE 3/4" = 1'-0"

BRICK QUOINS

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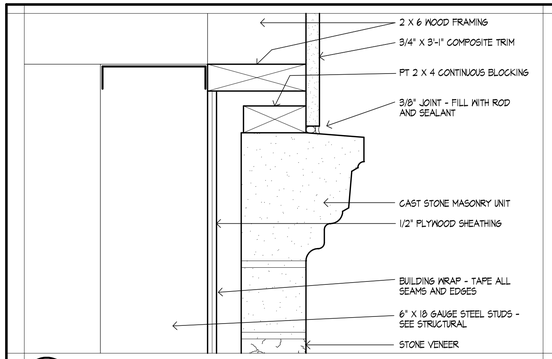
JOB NO.	1612	DATE 11/30/17
DRAWN	JWH	REVISED
CHECKED	CED	REVISED

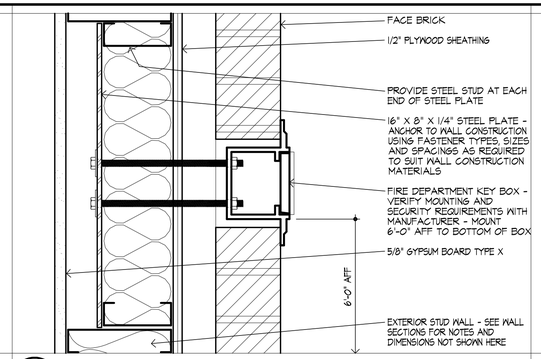
DRAWING TITLE
BUILDING SECTIONS

DRAWING NUMBER
A-8
OF 15

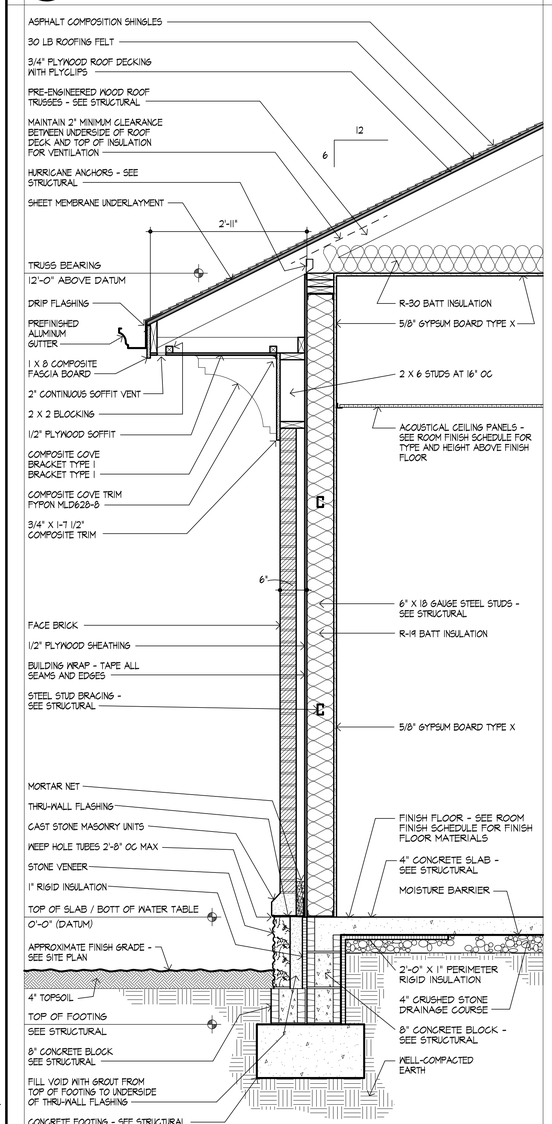
File Name: C:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 A08 BUILDING SECTIONS
Plot Date: 2/5/2018 Plot Time: 10:14 AM



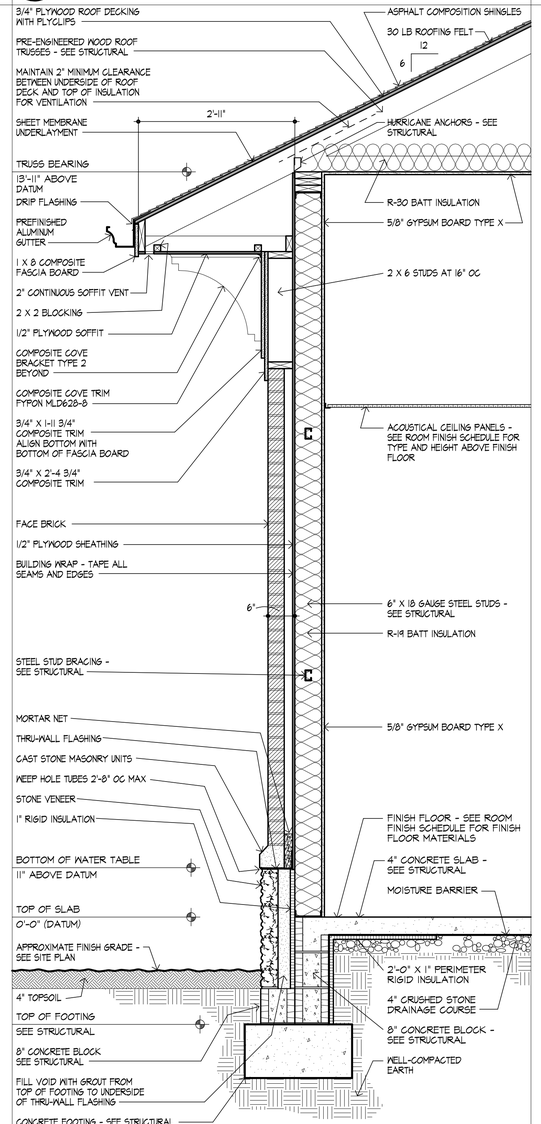
1 DETAIL
SCALE 3" = 1'-0"



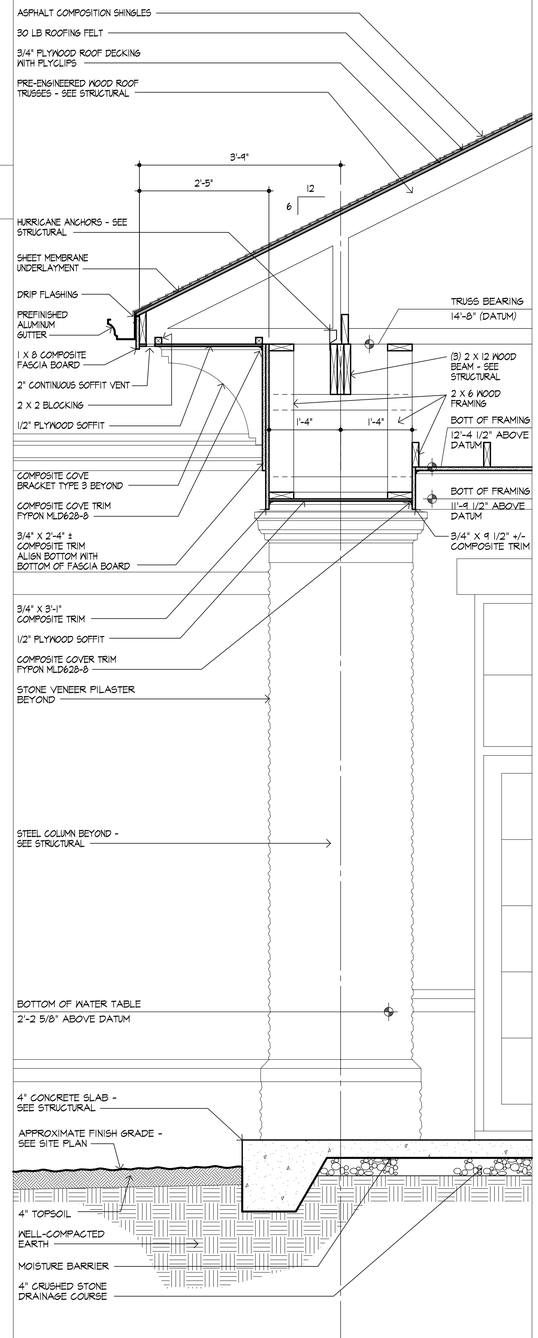
3 DETAIL
SCALE 3" = 1'-0"



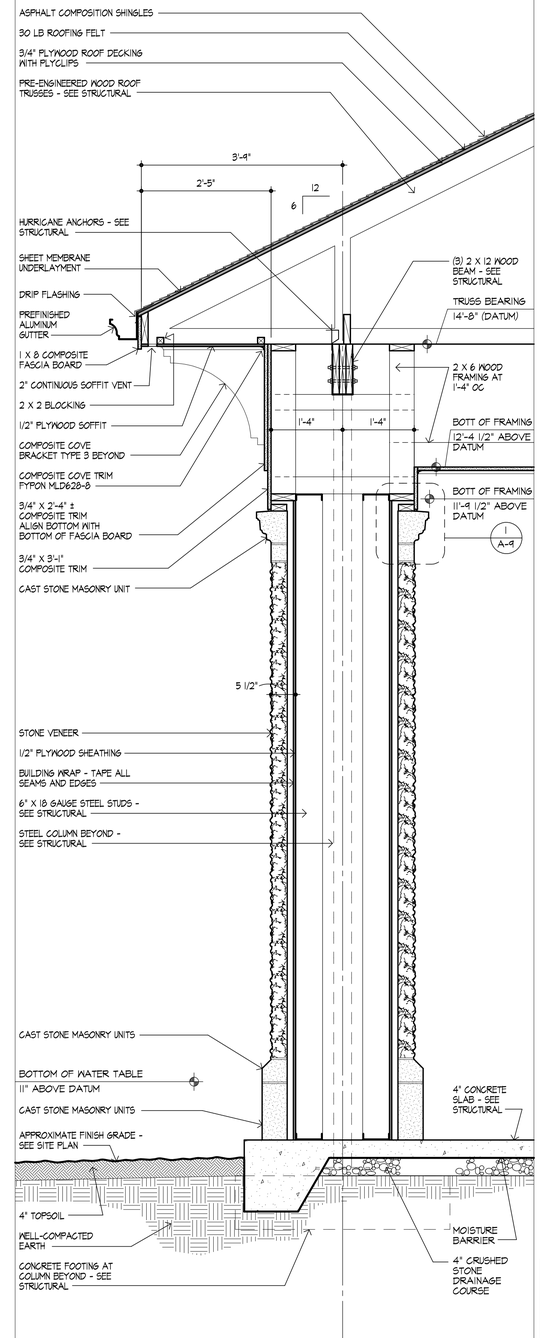
2 WALL SECTION
SCALE 3/4" = 1'-0"



4 WALL SECTION
SCALE 3/4" = 1'-0"



5 WALL SECTION
SCALE 3/4" = 1'-0"



6 WALL SECTION
SCALE 3/4" = 1'-0"

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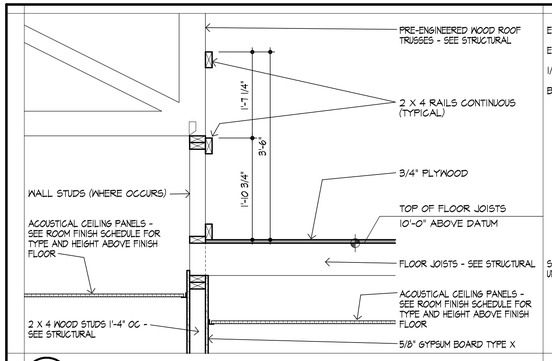
		DATE
JOB NO.	1612	11/30/17
DRAWN	JWH	REVISED
CHECKED	CED	REVISED

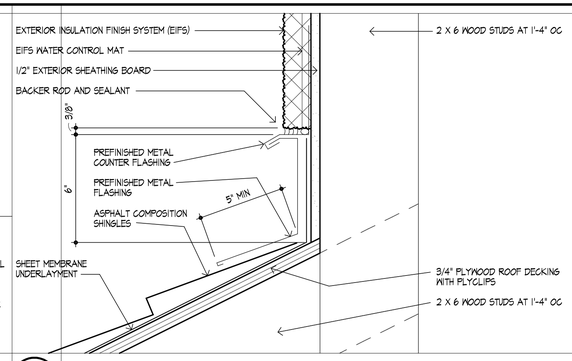
DRAWING TITLE
WALL SECTIONS

DRAWING NUMBER
A-9
OF 15

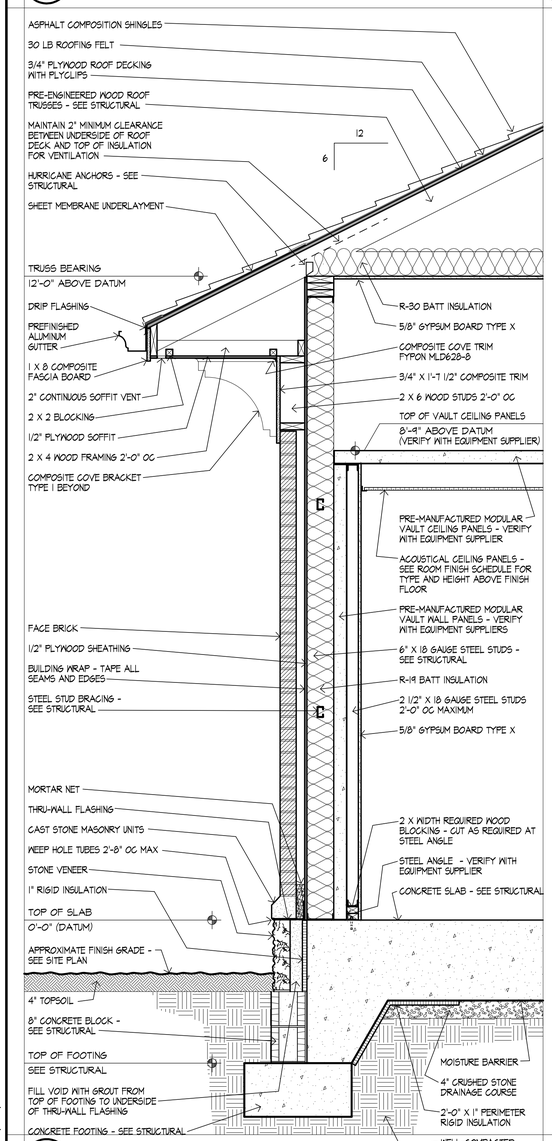
File Name: G:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 A09 WALL SECTIONS
Plot Date: 1/30/2018 Plot Time: 3:31 PM



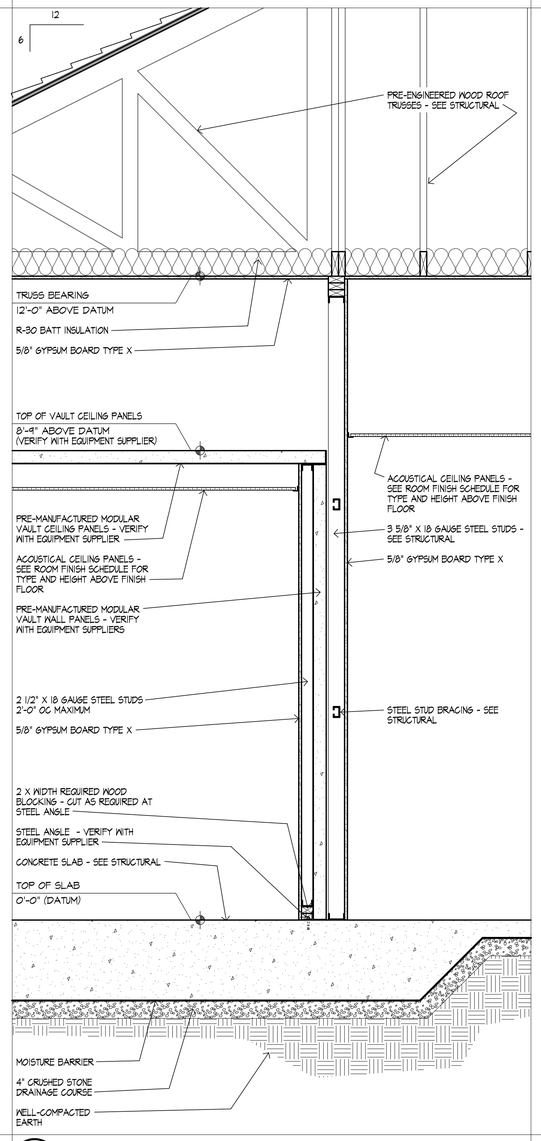
1 DETAIL
SCALE 3/4" = 1'-0"



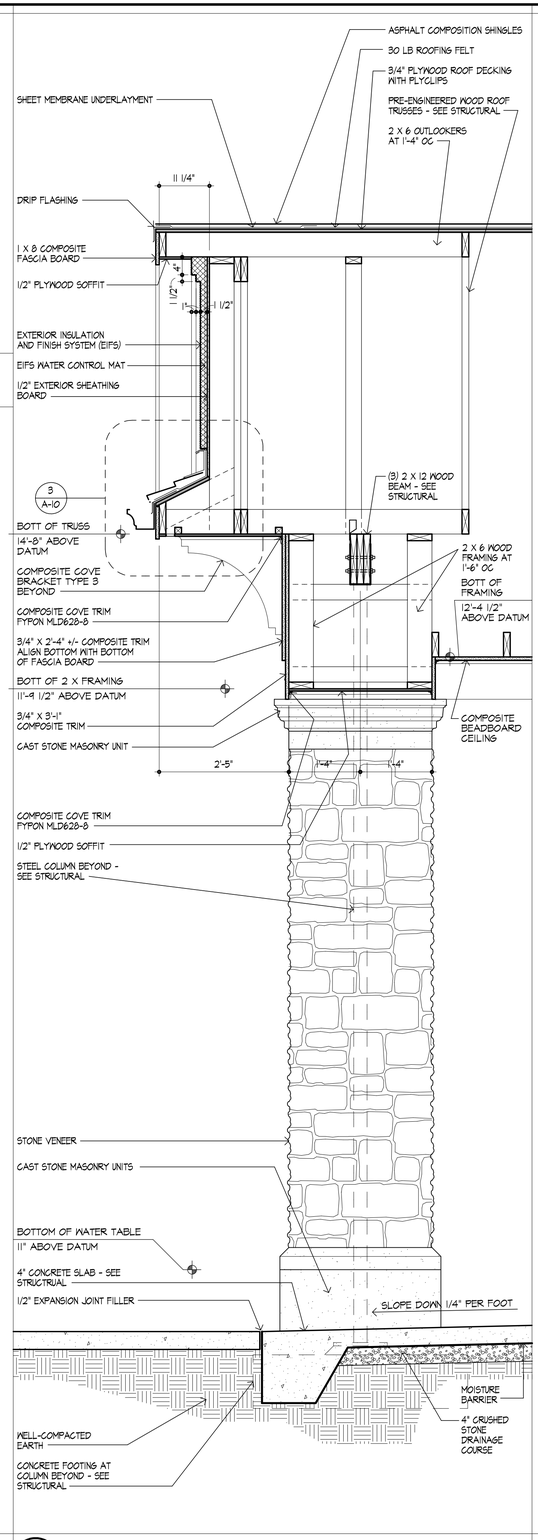
3 DETAIL
SCALE 3" = 1'-0"



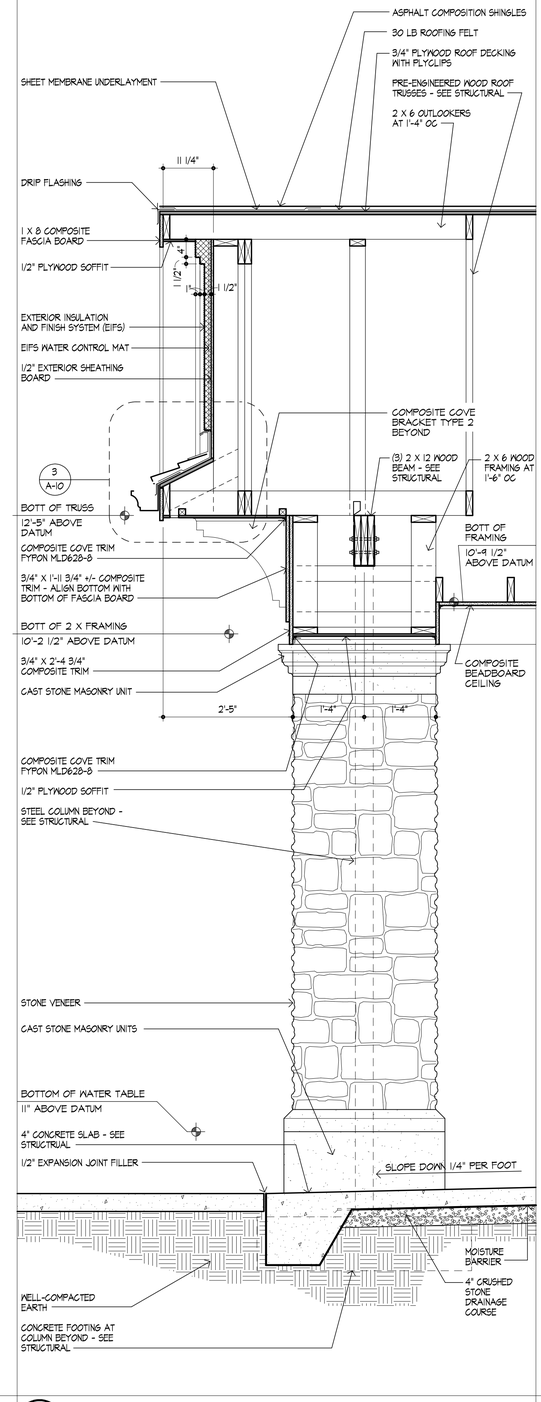
2 WALL SECTION
SCALE 3/4" = 1'-0"



4 WALL SECTION
SCALE 3/4" = 1'-0"



5 WALL SECTION
SCALE 3/4" = 1'-0"



6 WALL SECTION
SCALE 3/4" = 1'-0"

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BRANCH BANK FOR
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DOUBLE SPRINGS, ALABAMA

DATE	11/30/17
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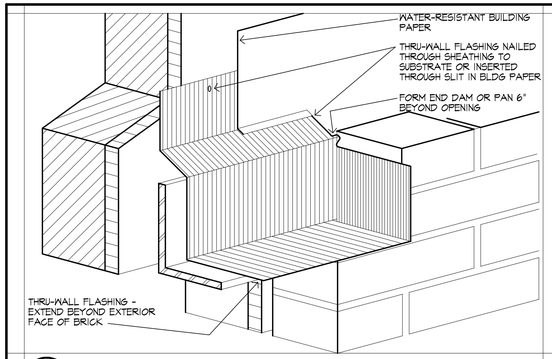
JOB NO.	1612
DRAWN	GAS
CHECKED	CED

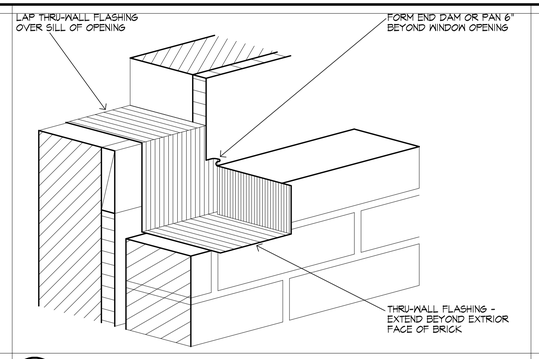
DRAWING TITLE
WALL SECTIONS, DETAILS

DRAWING NUMBER
A-10
OF 15

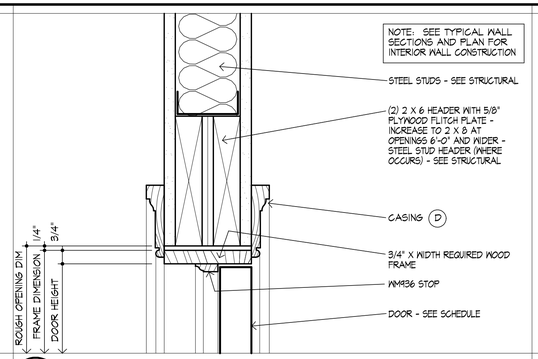
File Name: G:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 A10 WALL SECTIONS
Plot Date: 1/30/2018 Plot Time: 3:31 PM



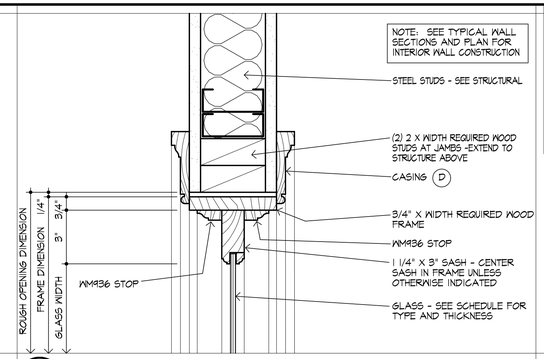
1 DETAIL
SCALE 3" = 1'-0"
WINDOW/DOOR HEAD FLASHING



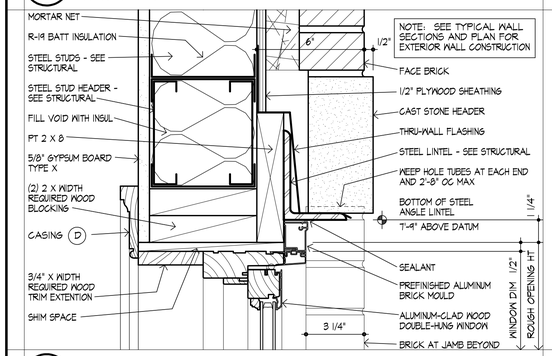
5 DETAIL
SCALE 3" = 1'-0"
WINDOW SILL FLASHING



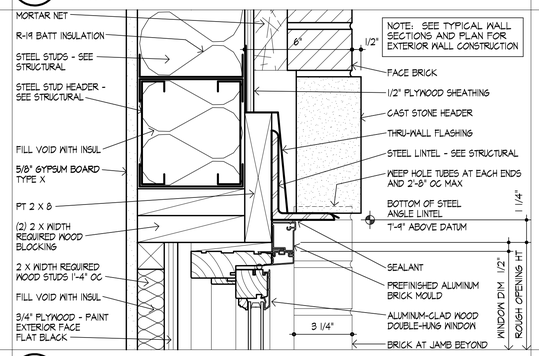
9 DETAIL
SCALE 3" = 1'-0"
DOOR HEAD - INTERIOR WOOD FRAME



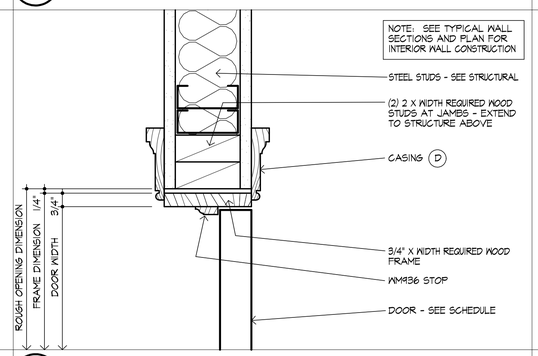
13 DETAIL
SCALE 3" = 1'-0"
BORROWED LIGHT JAMB - INTERIOR WOOD FRAME



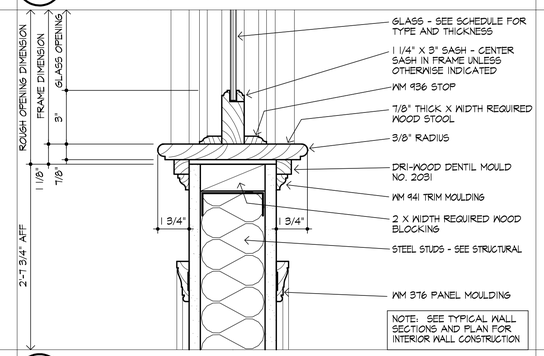
2 DETAIL
SCALE 3" = 1'-0"
HEAD - ALUMINUM-CLAD WOOD DOUBLE-HUNG WINDOW



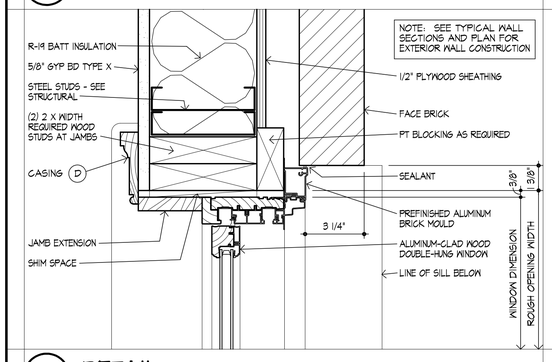
6 DETAIL
SCALE 3" = 1'-0"
HEAD - ALUMINUM-CLAD WOOD DOUBLE-HUNG WINDOW



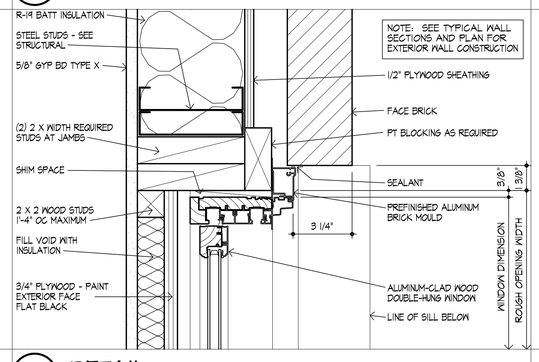
10 DETAIL
SCALE 3" = 1'-0"
DOOR JAMB - INTERIOR WOOD FRAME



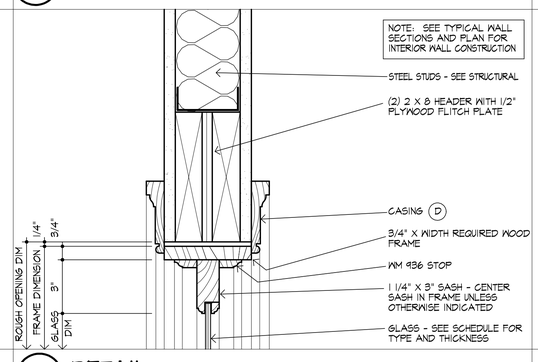
14 DETAIL
SCALE 3" = 1'-0"
BORROWED LIGHT SILL - INTERIOR WOOD FRAME



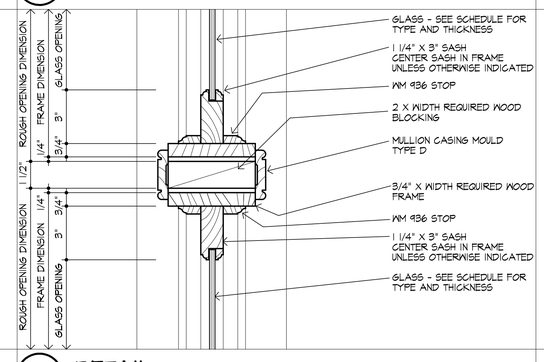
3 DETAIL
SCALE 3" = 1'-0"
JAMB - ALUMINUM-CLAD WOOD DOUBLE-HUNG WINDOW



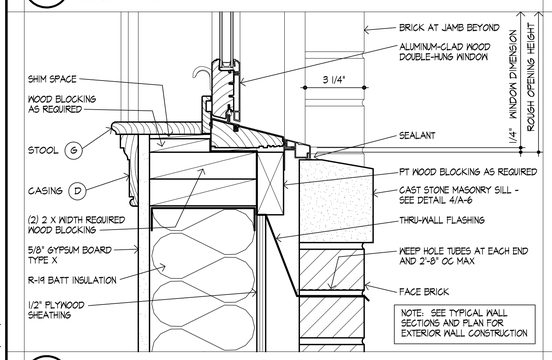
7 DETAIL
SCALE 3" = 1'-0"
JAMB - ALUMINUM-CLAD WOOD DOUBLE-HUNG WINDOW



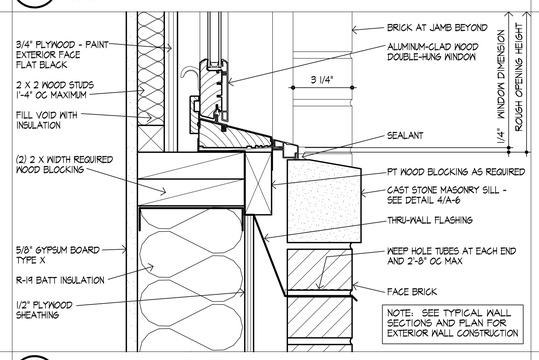
11 DETAIL
SCALE 3" = 1'-0"
BORROWED LIGHT HEAD - INTERIOR WOOD FRAME



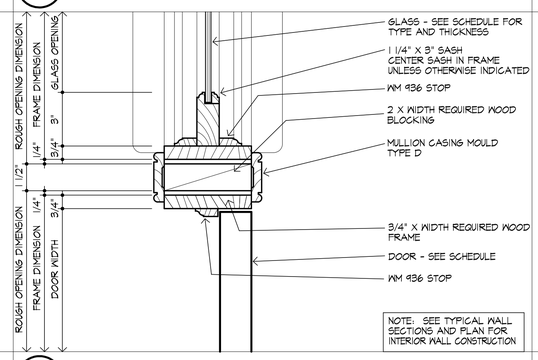
15 DETAIL
SCALE 3" = 1'-0"
BORROWED LIGHT MULLION - INTERIOR WOOD FRAME



4 DETAIL
SCALE 3" = 1'-0"
SILL - ALUMINUM-CLAD WOOD DOUBLE-HUNG WINDOW



8 DETAIL
SCALE 3" = 1'-0"
SILL - ALUMINUM-CLAD WOOD DOUBLE-HUNG WINDOW



12 DETAIL
SCALE 3" = 1'-0"
DOOR MULLION - INTERIOR WOOD FRAME

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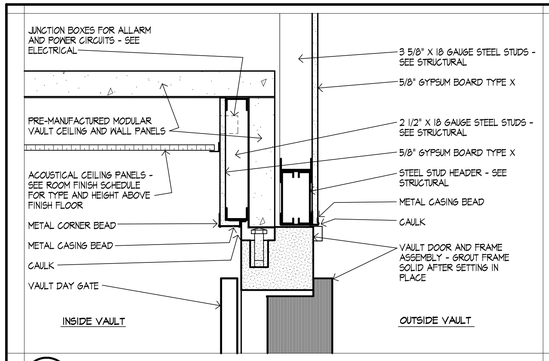
BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

JOB NO.	1612	DATE	11/30/17
DRAWN	GAS, JNH	REVISED	
CHECKED	CED	REVISED	

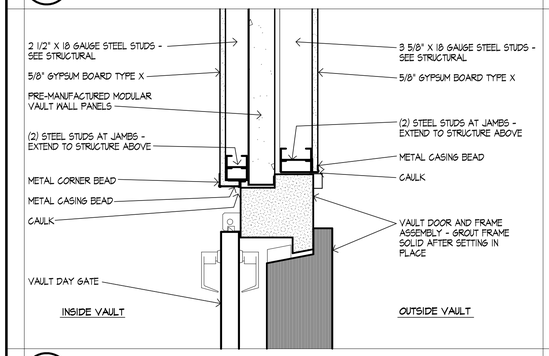
DRAWING TITLE
WINDOW / DOOR DETAILS

DRAWING NUMBER
A-11
OF 15

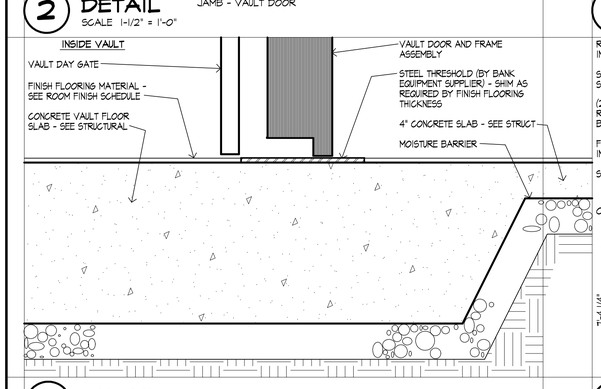
File Name: G:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 A11 WIN DR DETAILS
Plot Date: 1/30/2018 Plot Time: 3:31 PM



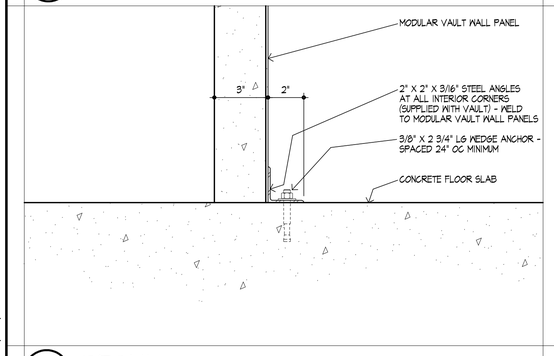
1 **DETAIL** SCALE 1-1/2" = 1'-0" — HEAD - VAULT DOOR



2 **DETAIL** SCALE 1-1/2" = 1'-0" — JAMB - VAULT DOOR



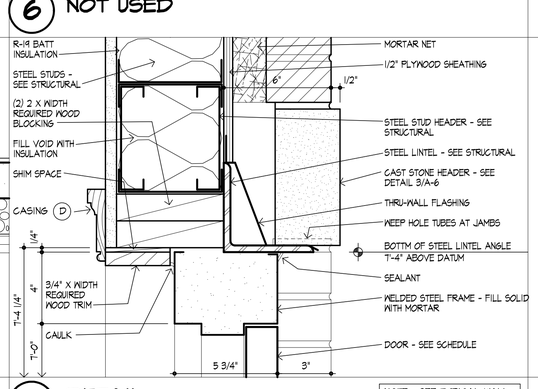
3 **DETAIL** SCALE 1-1/2" = 1'-0" — THRESHOLD - VAULT DOOR



4 **DETAIL** SCALE 3" = 1'-0" — MODULAR VAULT FLOOR ANCHOR PLATE

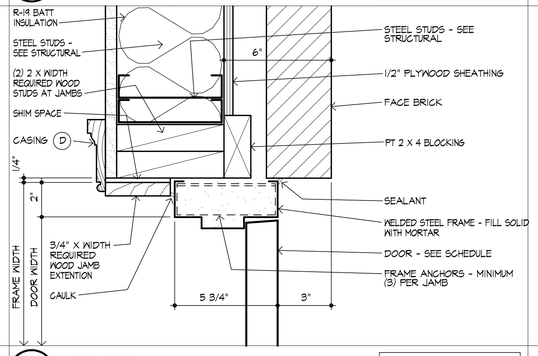
5 **NOT USED**

6 **NOT USED**



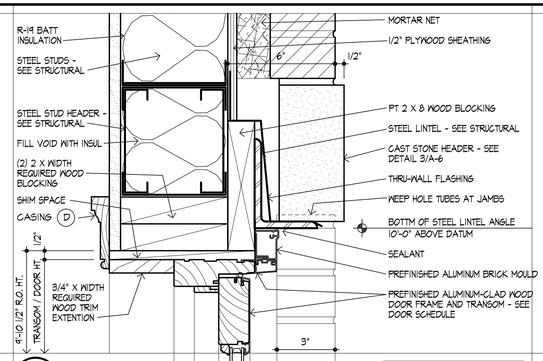
7 **DETAIL** SCALE 3" = 1'-0" — DOOR HEAD - WELDED STEEL FRAME

NOTE: SEE TYPICAL WALL SECTIONS AND PLAN FOR EXTERIOR WALL CONSTRUCTION



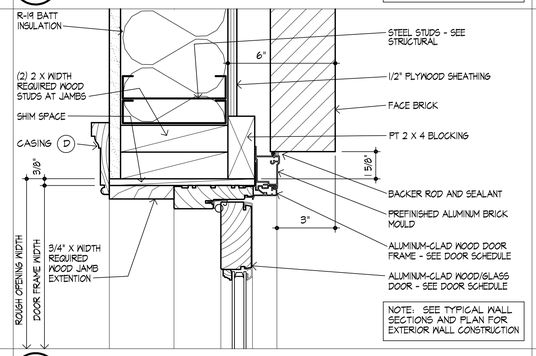
8 **DETAIL** SCALE 3" = 1'-0" — DOOR JAMB - WELDED STEEL FRAME

NOTE: SEE TYPICAL WALL SECTIONS AND PLAN FOR EXTERIOR WALL CONSTRUCTION



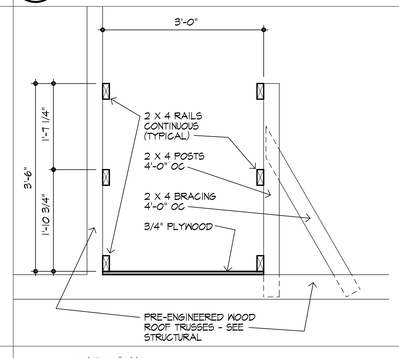
9 **DETAIL** SCALE 3" = 1'-0" — HEAD - ALUMINUM-CLAD WOOD TRANSOM

NOTE: SEE TYPICAL WALL SECTIONS AND PLAN FOR EXTERIOR WALL CONSTRUCTION

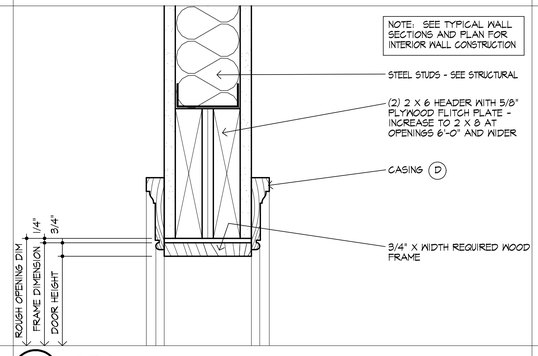


10 **DETAIL** SCALE 3" = 1'-0" — JAMB - ALUMINUM-CLAD WOOD DOOR

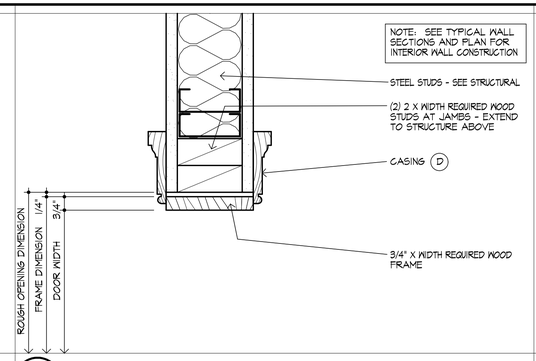
NOTE: SEE TYPICAL WALL SECTIONS AND PLAN FOR EXTERIOR WALL CONSTRUCTION



DETAIL SCALE 3/4" = 1'-0" — CATWALK



12 **DETAIL** SCALE 3" = 1'-0" — CASED OPENING HEAD - INTERIOR WOOD FRAME



13 **DETAIL** SCALE 3" = 1'-0" — CASED OPENING JAMB - INTERIOR WOOD FRAME

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BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

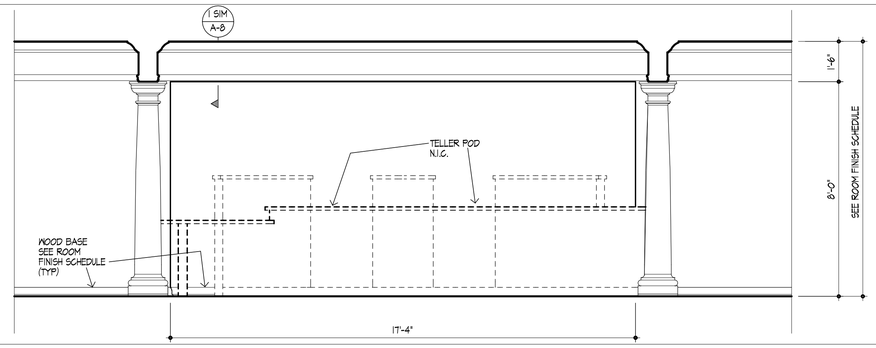
JOB NO. 1612 DATE 11/30/17
DRAWN GAS, JNH REVISED
CHECKED CED REVISED

DRAWING TITLE
DETAILS

DRAWING NUMBER
A-12
OF 15

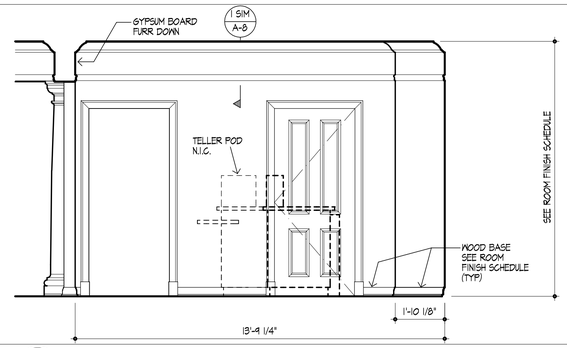
File Name: G:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 A12 DETAILS
Plot Date: 1/30/2018 Plot Time: 3:31 PM

ALL INTERIOR ELEVATIONS ON THIS SHEET ARE DRAWN TO 3/8" = 1'-0" SCALE



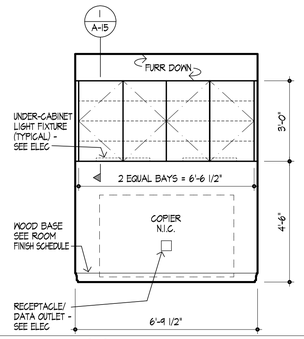
1 ELEVATION
TELLERS 114

2 NOT USED

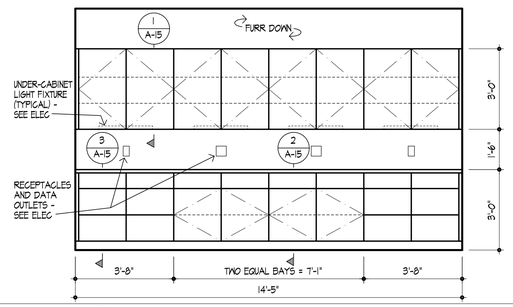


3 ELEVATION
TELLERS 114

4 NOT USED

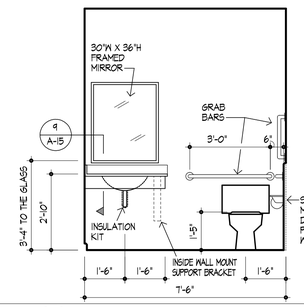


5 ELEV
PRINTER ALCOVE 110



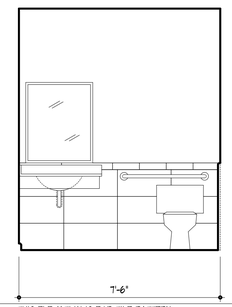
6 ELEVATION
WORKROOM 111

FIELD VERIFY WORKING POINT WITH ARCHITECT



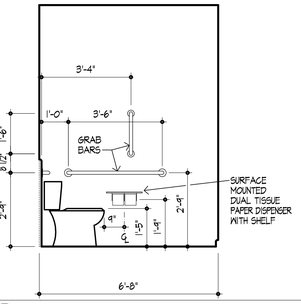
7 ELEVATION
TOILET 113

FIELD VERIFY WORKING POINT WITH ARCHITECT

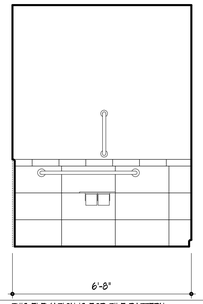


THIS ELEVATION IS FOR TILE PATTERN REPRESENTATION ONLY. EACH WALL WITH WALL TILE IN TOILET 113 IS REPRESENTED IN ELEVATION. WALLS NOT REPRESENTED DO NOT HAVE WALL TILE.

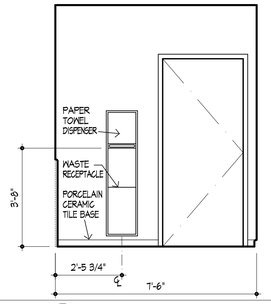
FIELD VERIFY WORKING POINT WITH ARCHITECT



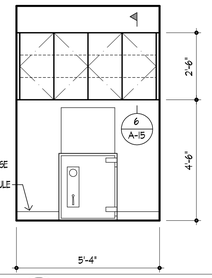
8 ELEVATION
TOILET 113



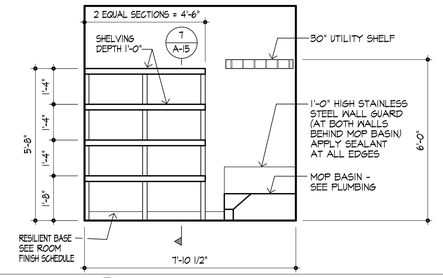
THIS ELEVATION IS FOR TILE PATTERN REPRESENTATION ONLY. EACH WALL WITH WALL TILE IN TOILET 113 IS REPRESENTED IN ELEVATION. WALLS NOT REPRESENTED DO NOT HAVE WALL TILE.



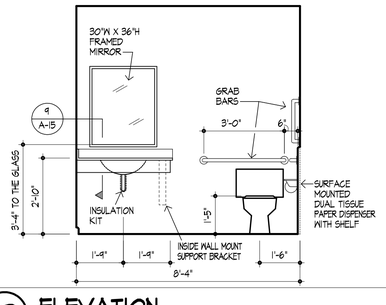
9 ELEVATION
TOILET 113



10 ELEV
NIGHT DEPOSIT 117

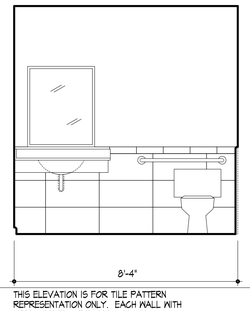


11 ELEVATION
JANITOR 119

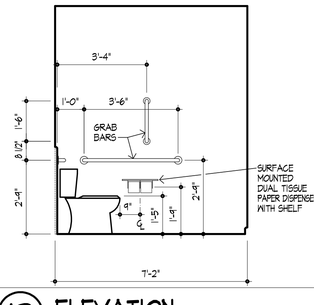


12 ELEVATION
MEN 122 & WOMEN 120 OPPOSITE HAND

FIELD VERIFY WORKING POINT WITH ARCHITECT

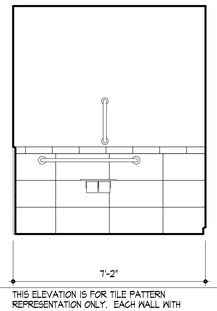


THIS ELEVATION IS FOR TILE PATTERN REPRESENTATION ONLY. EACH WALL WITH WALL TILE IN TOILET 122 & 120 IS REPRESENTED IN ELEVATION. WALLS NOT REPRESENTED DO NOT HAVE WALL TILE.

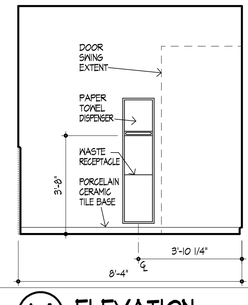


13 ELEVATION
MEN 122 & WOMEN 120 OPPOSITE HAND

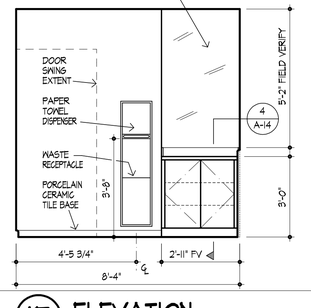
FIELD VERIFY WORKING POINT WITH ARCHITECT



THIS ELEVATION IS FOR TILE PATTERN REPRESENTATION ONLY. EACH WALL WITH WALL TILE IN MEN 122 IS REPRESENTED IN ELEVATION. WALLS NOT REPRESENTED DO NOT HAVE WALL TILE.



14 ELEVATION
MEN 122



15 ELEVATION
WOMEN 120

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BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

JOB NO.	1612	
DRAWN	JBK	
CHECKED	CED	
DATE	11/30/17	
REVISED		
REVISED		

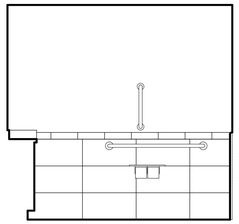
DRAWING TITLE
INTERIOR ELEVATIONS

DRAWING NUMBER
A-13
OF 15

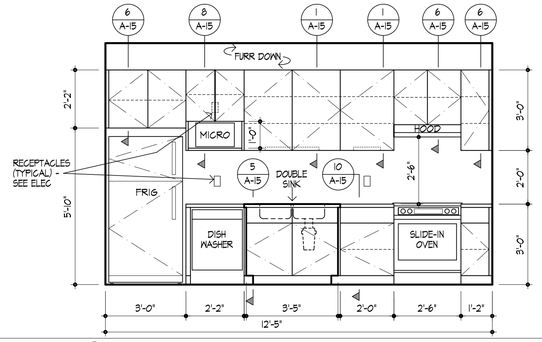
File Name: G:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 A13 INTERIOR ELEVATIONS
Plot Date: 1/30/2018 Plot Time: 3:31 PM

ALL INTERIOR ELEVATIONS ON THIS SHEET ARE DRAWN TO 3/8" = 1'-0" SCALE

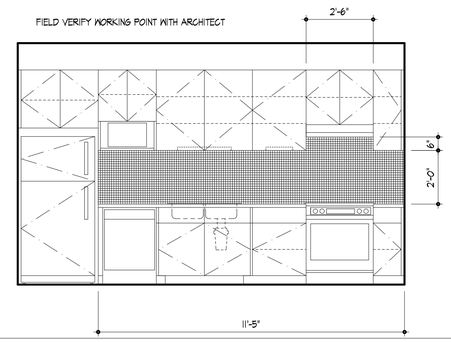
THIS ELEVATION IS FOR TILE PATTERN REPRESENTATION ONLY. EACH WALL WITH WALL TILE IN WOMEN 120 IS REPRESENTED IN ELEVATION. WALLS NOT REPRESENTED DO NOT HAVE WALL TILE. FIELD VERIFY WORKING POINT WITH ARCHITECT



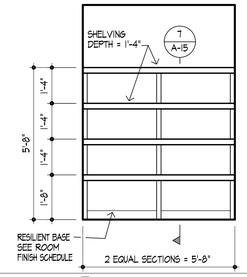
16 ELEVATION
WOMEN 120



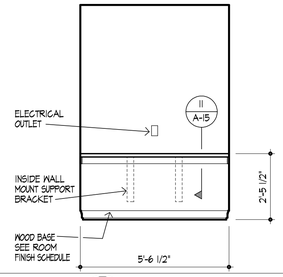
17 ELEVATION
BREAK ROOM 123



THIS ELEVATION IS FOR TILE PATTERN REPRESENTATION ONLY. WALL TILE OCCURS ABOVE COUNTERTOP AS REPRESENTED IN ELEVATION.



18 ELEVATION
STORAGE 124



19 ELEV
COUPON BOOTH 126

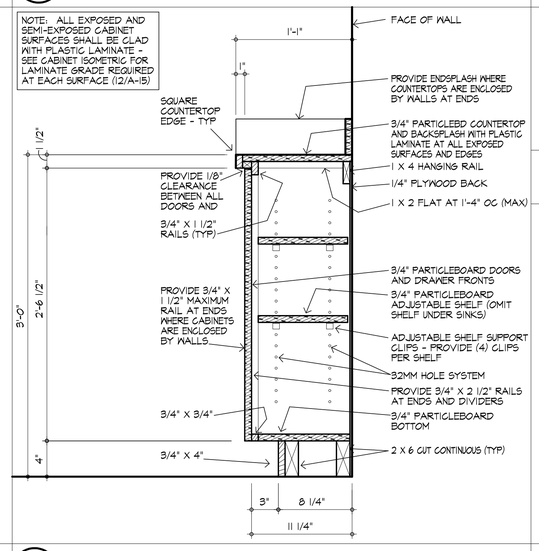
NOT USED

NOT USED

NOT USED

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

3 DETAIL
SCALE 1 1/2" = 1'-0"



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

4 DETAIL
SCALE 1 1/2" = 1'-0"

DOOR BASE CABINET - PLASTIC LAMINATE CLAD

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BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

JOB NO.	1612	
DRAWN	JBK	DATE 11/30/17
CHECKED	CED	REVISED
		REVISED

DRAWING TITLE
INTERIOR ELEVATIONS AND MILLWORK DETAILS

DRAWING NUMBER
A-14
OF 15

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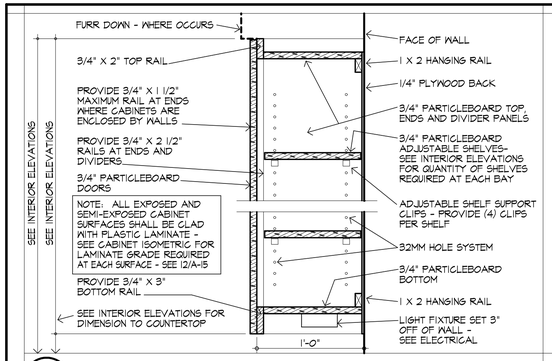
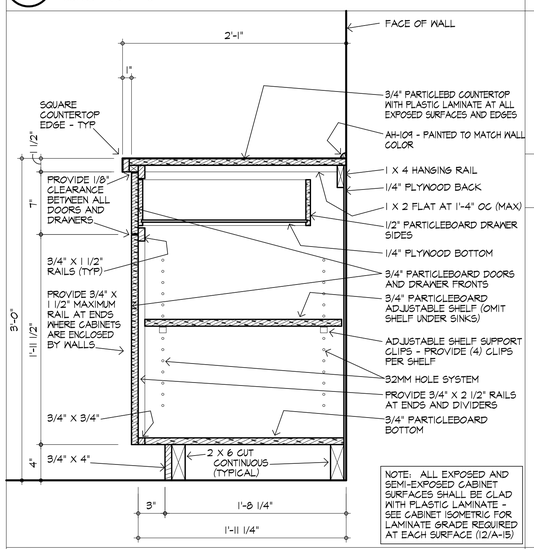
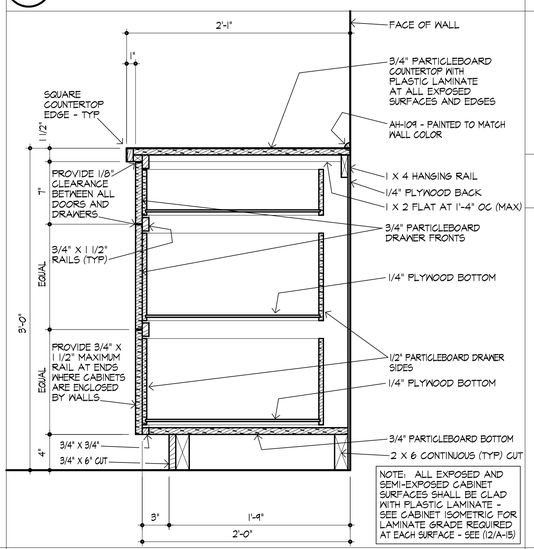


1 DETAIL SCALE 1 1/2" = 1'-0"
WALL CABINET WITH DOORS AND TASKLIGHT - PLASTIC LAMINATE CLAD



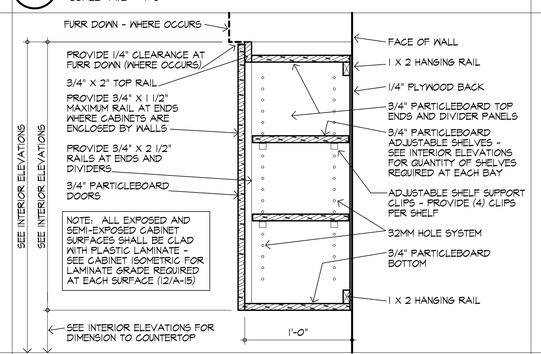
2 DETAIL SCALE 1 1/2" = 1'-0"
DRAWER/DOOR BASE CABINET - PLASTIC LAMINATE CLAD



3 DETAIL SCALE 1 1/2" = 1'-0"
DRAWER BASE CABINET - PLASTIC LAMINATE CLAD

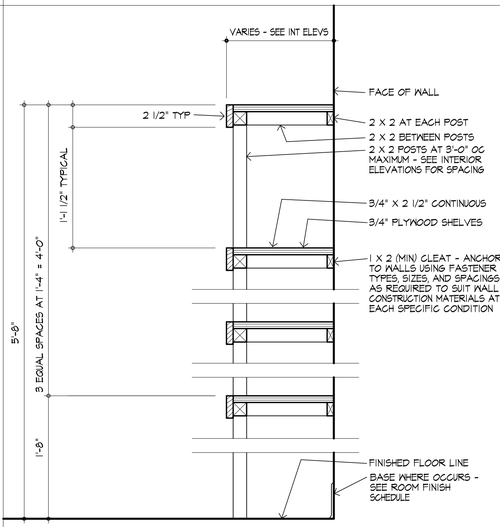
NOT USED

4 DETAIL SCALE 1 1/2" = 1'-0"

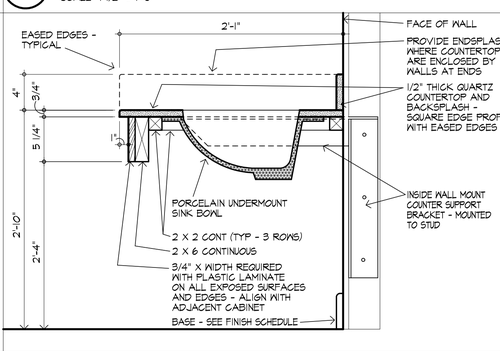


5 DETAIL SCALE 1 1/2" = 1'-0"
SINK BASE CABINET - PLASTIC LAMINATE CLAD WITH QUARTZ COUNTERTOP

6 DETAIL SCALE 1 1/2" = 1'-0"
WALL CABINET WITH DOORS - PLASTIC LAMINATE CLAD

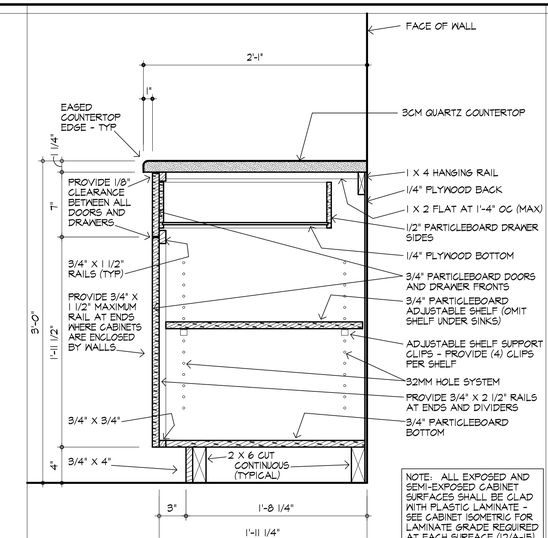


7 DETAIL SCALE 1 1/2" = 1'-0"
FIXED STORAGE SHELVING - PAINT GRADE

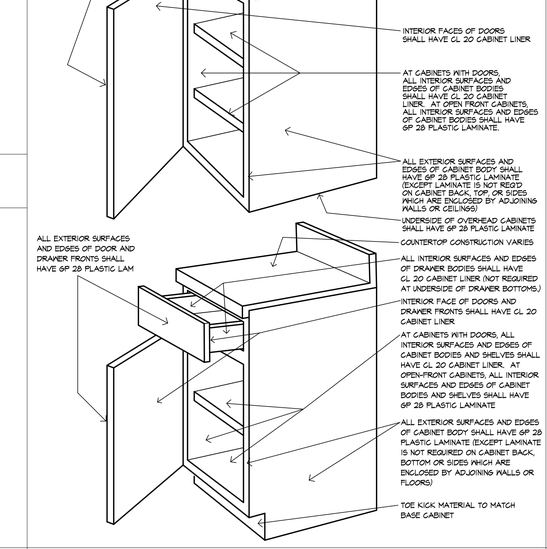


8 DETAIL SCALE 1 1/2" = 1'-0"
WALL CABINET FOR MICROWAVE OVEN - PLASTIC LAMINATE CLAD

9 DETAIL SCALE 1 1/2" = 1'-0"
LAVATORY - QUARTZ COUNTERTOP



10 DETAIL SCALE 1 1/2" = 1'-0"
DRAWER/DOOR BASE CABINET - PLASTIC LAMINATE CLAD WITH QUARTZ COUNTERTOP



11 DETAIL SCALE 1 1/2" = 1'-0"
COUNTERTOP WITH KNEE SPACE - PLASTIC LAMINATE CLAD

THIS ISOMETRIC DRAWING INDICATES ONLY THE REQUIREMENTS FOR PLASTIC LAMINATE GRADES AT EACH TYPE OF CABINET SURFACE. SEE INDIVIDUAL CABINET DETAILS FOR MATERIAL NOTES, DIMENSIONS, AND DETAILS OF CONSTRUCTION.

12 DETAIL SCALE 1 1/2" = 1'-0"
ISOMETRIC - PLASTIC LAMINATE GRADES AT EACH CABINET SURFACE

STATE OF ALABAMA
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3863
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BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

JOB NO.	1612	
DRAWN	JBK	
CHECKED	CED	
DATE	11/30/17	
REVISED		
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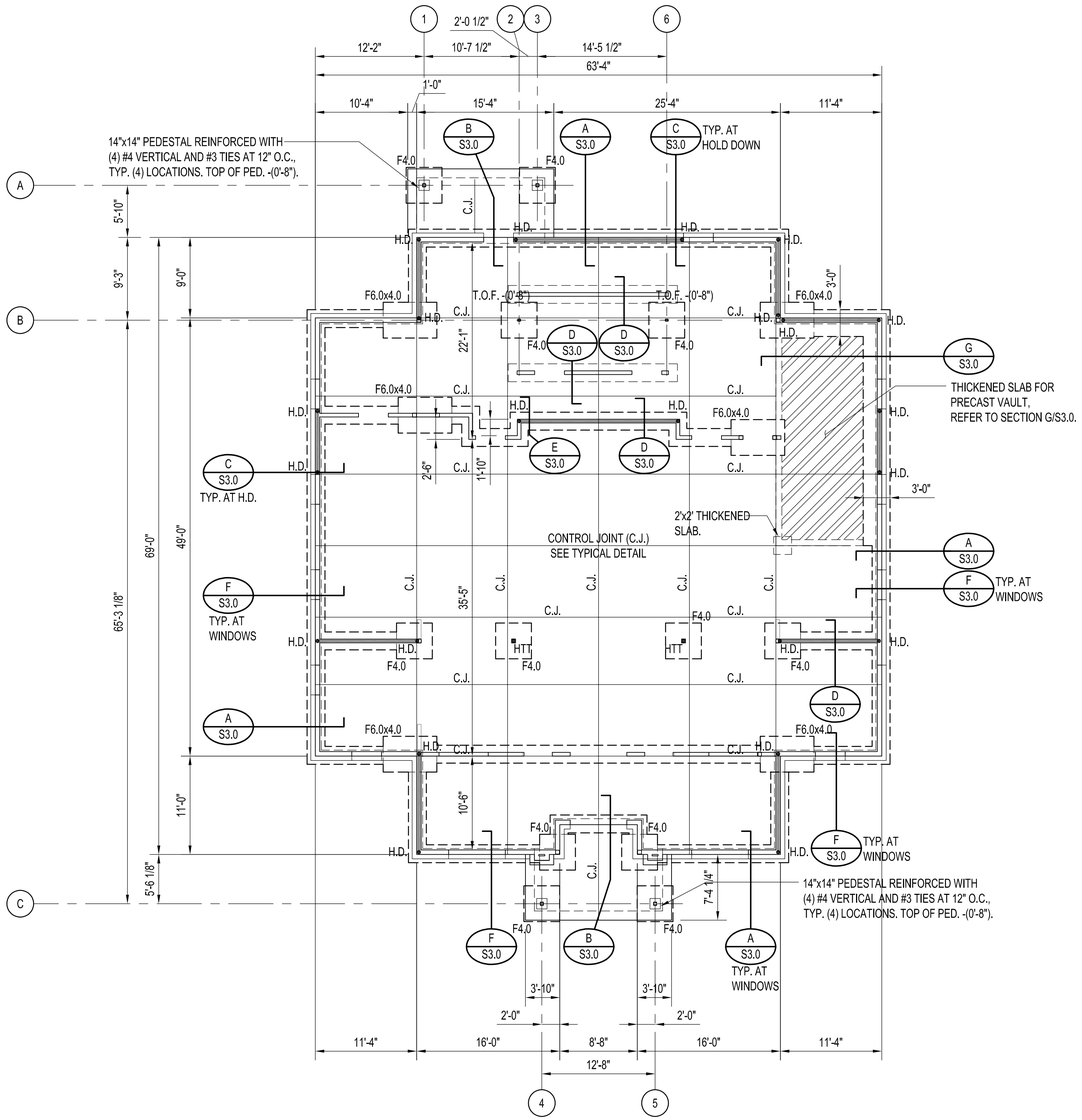
DRAWING TITLE
MILLWORK DETAILS

DRAWING NUMBER
A-15
OF 15

File Name: G:\2016\1612 T&F BANK DOUBLE SPRINGS\1612 WD\1612 A15 MILLWORK DETAILS.dwg
Plot Date: 1/30/2018 Plot Time: 3:31 PM



NORTH

FOUNDATION PLAN

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

PLAN NOTES:

1. FINISHED FLOOR ELEVATION (0'-0") (REFERENCE ELEVATION). REFER TO ARCHITECTURAL / CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. TOP OF EXTERIOR FOOTING ELEVATION (-2'-0") OR A MINIMUM OF 12" BELOW ADJACENT FINISHED GRADE, WHICHEVER IS LOWER, UNLESS NOTED OTHERWISE ON PLAN. TOP OF INTERIOR FOOTING (-0'-0) UNLESS NOTED OTHERWISE.
3. VERIFY ALL FOOTING STEP LOCATIONS WITH FINISHED GRADE ELEVATIONS AND ADJUST AS REQUIRED.
4. FILL ALL CELLS OF MASONRY BELOW GRADE WITH 3,000 PSI GROUT.
5. SLAB ON GRADE CONSTRUCTION TO BE 4" CONCRETE ON 15 MIL VAPOR BARRIER AND 4" (MIN.) POROUS FILL COMPACTED PER SITE AND FOUNDATION GENERAL NOTES, UNLESS NOTED OTHERWISE. REINFORCE CONCRETE SLAB WITH FIBERMESH 300, UNLESS NOTED OTHERWISE.
6. ALL GRAVEL FILL MUST BE PLACED IN 8" (MAX.) LIFTS AND COMPACTED PER SITE AND FOUNDATION GENERAL NOTES TO ENSURE PROPER SUPPORT OF SLABS-ON-GRADE. SPECIAL CARE MUST BE GIVEN TO COMPACTING BACKFILL IN TRENCHES (REFER TO SITE AND FOUNDATION GENERAL NOTES).
7. C.J. DENOTES CONTROL JOINT, REFER TO TYPICAL DETAIL. NOTE: ALL CONTROL JOINT CUTTING MUST BE COMPLETED NLT 8 HOURS AFTER CONCRETE FINISHING IS COMPLETE.
8. SLOPE FLOOR SLAB TO DRAIN AS REQUIRED IN ARCHITECTURAL PLANS.
9. ADD (2) #4 x 5'-0" REENTRANT BARS AT ALL INTERIOR CORNERS OF SLAB, DISCONTINUOUS CONTROL JOINTS AND SLAB PENETRATIONS.
10. RECESS SLAB AS REQUIRED IN ARCHITECTURAL DRAWINGS.
11. SHADED REGION OF WALL DESIGNATES SHEAR WALL. CONTRACTOR SHALL COORDINATE ALL PENETRATIONS IN THIS WALL REGION WITH THE STRUCTURAL ENGINEER.
12. H.D. ● DESIGNATES SHEAR WALL HOLD-DOWN. SHEAR WALL HOLD-DOWNS TO BE SIMPSON S/HTT5, INSTALLED PER MANUFACTURER'S INSTRUCTIONS TO A (2) 600S162-54 (MIN.) STUD PACK.
13. HTT ● DESIGNATES SIMPSON S/HTT4 POST HOLD DOWN INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
14. ALL LT-GA STUD PACKS ARE CALLED OUT ON SHEET S1.1.
15. CONTINUOUS FOOTINGS SHOULD BE STEPPED TO AVOID UTILITIES PER TYPICAL DETAIL ON S2.0.

MARK:	FOOTING SIZE: W x L x D	REINFORCING:
F4.0	4'-0"x4'-0"x16"	4 #5 EACH WAY, BOTTOM
F6.0x4.0	6'-0"x4'-0"x16"	4 #6 x 5'-6", 6 #6 x 3'-6", BOTTOM

PRM STRUCTURAL ENGINEERS
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120 Holmes Ave., Suite 122, Huntsville, AL 35801
Phone: (256) 652-6818
Project No.: 1749

ALABAMA No. 23391 PROFESSIONAL 11-30-17 ENGINEER PHILIP R MATTHEWSON

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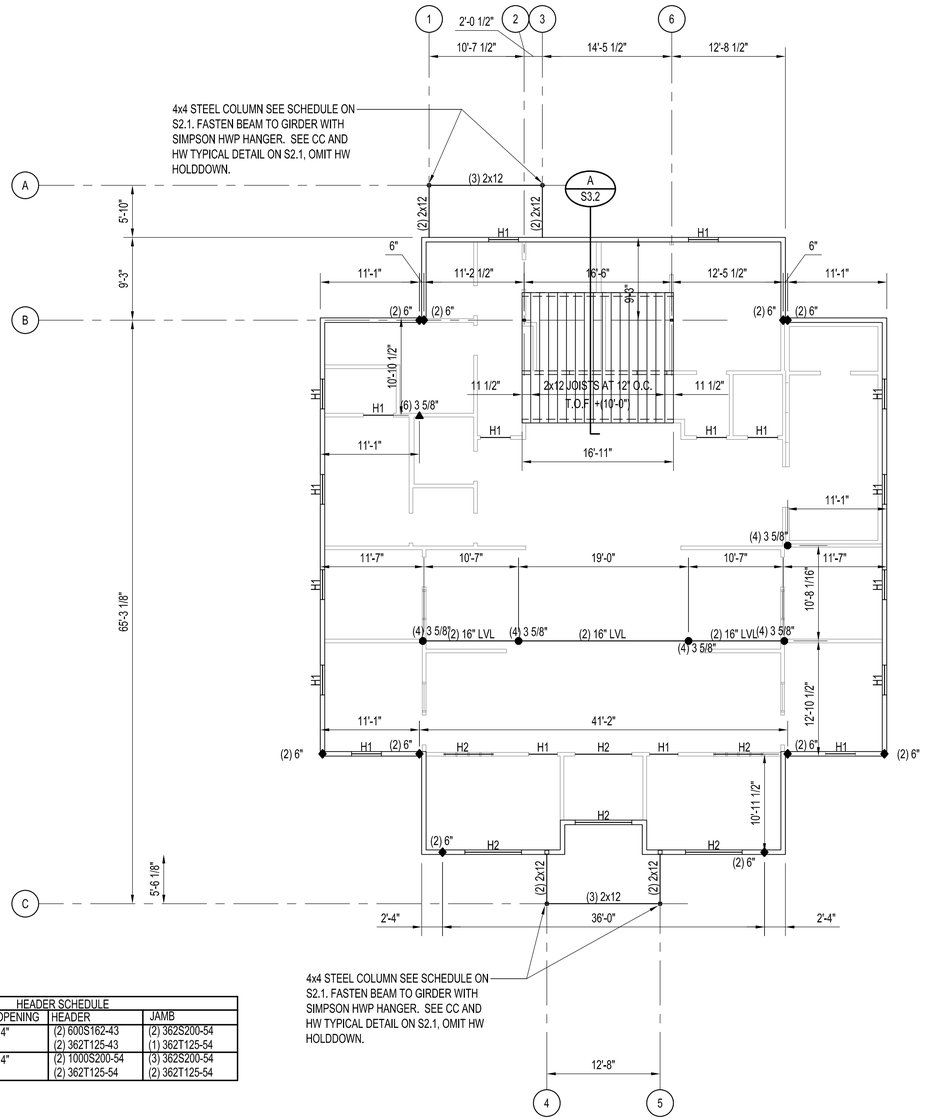
BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

JOB NO. 1749 DATE 11/30/2017
DRAWN JEK REVISED
CHECKED PRM REVISED

DRAWING TITLE
FOUNDATION PLAN

DRAWING NUMBER
S1.0
OF 10



4x4 STEEL COLUMN SEE SCHEDULE ON S2.1. FASTEN BEAM TO GIRDER WITH SIMPSON HWP HANGER. SEE CC AND HW TYPICAL DETAIL ON S2.1, OMIT HW HOLDDOWN.

HEADER SCHEDULE			
MARK	MAX OPENING	HEADER	JAMB
H1	3' - 4"	(2) 600S162-43 (2) 362T125-43	(2) 362S200-54 (1) 362T125-54
H2	6' - 4"	(2) 1000S200-54 (2) 362T125-54	(3) 362S200-54 (2) 362T125-54

NORTH

HEADER AND COLUMN FRAMING PLAN

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

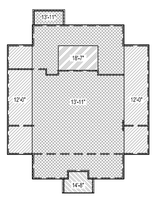
PLAN NOTES:

1. BEARING ELEVATION OF LVL BEAMS, WOOD BEAMS AND LOAD BEARING WALLS IS SHOWN ON THE TRUSS BEARING ELEVATION PLAN.
2. THIS PLAN IS PROVIDED TO SHOW LOW ROOF FRAMING AND FIRST FLOOR HEADERS CLEARLY.
3. HEADERS ARE TO BE LOCATED DIRECTLY ABOVE THE OPENING.
4. REFER TO THE HEADER SCHEDULE ABOVE FOR NUMBER OF JACK AND KING STUDS AT EACH OPENING.

(2) 6" ◆ 5. DENOTES STUD PACK COMPOSED OF (2) 600S162-54 LT-GA STUDS.

(6) 3 5/8"▲ 6. DENOTES STUD PACK COMPOSED OF (6) 362S200-54 [50] LT-GA STUDS.

(4) 3 5/8"● 7. DENOTES STUD PACK COMPOSED OF (4) 362S162-54 LT-GA STUDS.



NORTH

TRUSS BEARING ELEVATION PLAN

SCALE: 1/32" = 1'-0"

THIS DETAIL DENOTES THE TRUSS BEARING ELEVATION AT EACH AREA OF THE BUILDING. FOR CEILING ELEVATIONS REFER TO ARCHITECTURAL, REFLECTED CEILING PLAN.

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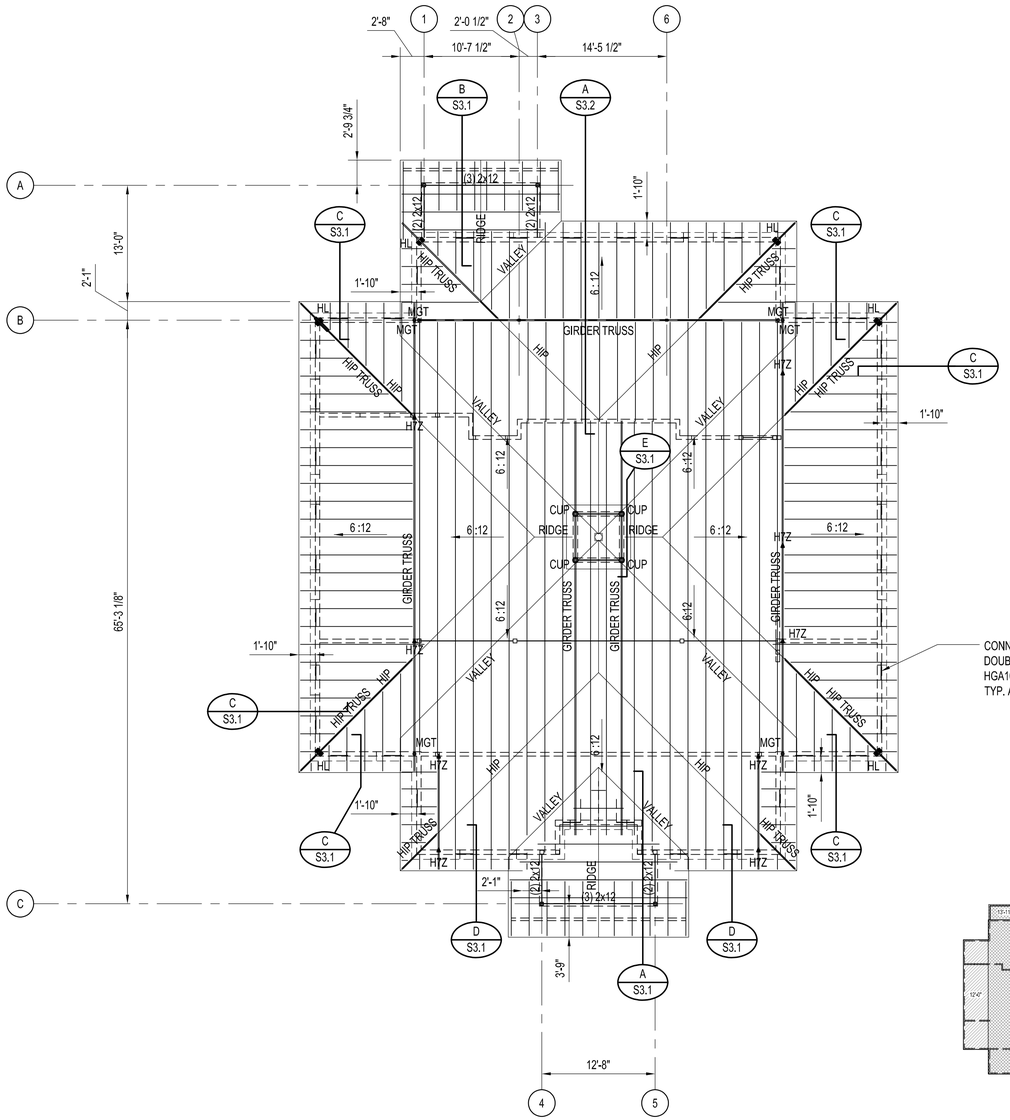
BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

DATE 11/30/2017
REVISED
REVISED

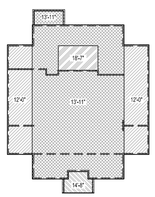
JOB NO. 1749
DRAWN JEK
CHECKED PRM

DRAWING TITLE
HEADER / COLUMN FRAMING PLAN

DRAWING NUMBER
S1.1
OF 10



CONNECT BLOCKING TRUSS TO WALL DOUBLE TOP PLATE WITH (2) SIMPSON HGA10KT CLIPS AT THIRD POINTS. TYP. ALL EXTERIOR WALLS.



NORTH

TRUSS BEARING ELEVATION PLAN

SCALE: 1/32" = 1'-0"

THIS DETAIL DENOTES THE TRUSS BEARING ELEVATION AT EACH AREA OF THE BUILDING. FOR CEILING ELEVATIONS REFER TO ARCHITECTURAL, REFLECTED CEILING PLAN.

NORTH

ROOF FRAMING PLAN

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

PLAN NOTES:

1. TRUSS BEARING IS 12'-0" UNLESS NOTED OTHERWISE.
2. ROOF FRAMING TO BE ENGINEERED WOOD TRUSSES AT 24" O.C. REFER TO GENERAL NOTES FOR REQUIRED LOADING
3. ROOF DECKING TO BE 5/8" PLYWOOD/OSB. CONNECT ROOF DECKING TO SUPPORTING STRUCTURE WITH 8d NAILS SPACED AT 4" O.C. AROUND THE PERIMETER AND AT 12" O.C. IN THE INTERIOR FIELD. ALL ROOF SHEATHING PANELS EDGES TO BE BLOCKED WITH 2x4.
4. THE FOLLOWING INFORMATION IS PROVIDED FOR CLARIFICATION:
   OUTLOOKERS 2x4 AT 24" O.C. WITH BLOCKING BETWEEN OUTLOOKERS: CONNECT BLOCKING TO DOUBLE TOP PLATE WITH SIMPSON A34 CLIP OR (4) #10 x 3" WOOD SCREWS.
5. MINIMUM TRUSS UPLIFT CONNECTOR TO BE SIMPSON H2.5A AT ALL BEARING WALLS.
6. ALL NON-TRUSS ROOF FRAMING TO BE NO. 2 SOUTHERN PINE.
7. STANDARD CORNER ASSEMBLIES ARE ACCEPTABLE AT INSIDE AND OUTSIDE CORNERS.

MGT • 8. DESIGNATES A GIRDER TRUSS HOLD-DOWN: SIMPSON MGT, INSTALLED PER MANUFACTURER'S GUIDE LINES, SEE DETAIL ON S-2.1.

H7Z ▲ 9. DESIGNATES A GIRDER TRUSS HOLD-DOWN: SIMPSON H7Z, INSTALLED PER MANUFACTURER'S GUIDE LINES, SEE DETAIL ON S-2.1.

HL ◆ 10. DESIGNATES A QUADRUPLE HEAVY ANGLE HOLD-DOWN: FASTEN GIRDER TRUSS TO TOP PLATE WITH (2) HL35 AND TOP PLATE TO POST WITH (2) HL35, INSTALL ALL HL35 PER MANUFACTURER'S GUIDE LINES, SEE DETAIL ON S-2.1.

11. FASTEN ALL ROOF TRUSSES AT EACH BEARING LOCATION WITH H2.5A SIMPSON HOLD DOWN, UNLESS NOTED OTHERWISE.

CUP ○ 12. DENOTES CUPOLA CONNECTION POINTS, SEE SECTION F/S3.1. CUPOLA BY CAMPBELLSVILLE INDUSTRIES, SEE MANUFACTURER'S TYPE "H-3" ANCHOR DETAIL FOR ADDITIONAL FRAMING REQUIREMENTS.

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ALABAMA LICENSED PROFESSIONAL ENGINEER No. 23391 P. R. MATTHEWSON 11-30-17

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BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

JOB NO. 1744 DRAWN JEK CHECKED PRM
DATE 11/30/2017 REVISED REVISED

DRAWING TITLE
ROOF FRAMING PLAN

DRAWING NUMBER
S1.2
OF 10

GENERAL NOTES:

1. CONSTRUCTION METHODS, PROCEDURES, AND SEQUENCES ARE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL TAKE ALL THE NECESSARY MEANS TO MAINTAIN AND PROTECT THE STRUCTURAL INTEGRITY OF ALL CONSTRUCTION NEW AND EXISTING, AT ALL STAGES.
2. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY AND ERECTION REQUIREMENTS OF ALL GOVERNING PUBLIC AGENCIES DURING FABRICATION AND CONSTRUCTION.
3. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL DRAWINGS FOR DETAILING INCLUDING, BUT NOT LIMITED TO NOTCHES, STEPS, FORM TIES, REVEALS, AND CONSTRUCTION JOINTS IN EXPOSED CONCRETE AND MASONRY.
4. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS AND ALL DIMENSIONS FROM NEW CONSTRUCTION TO EXISTING CONSTRUCTION. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO ANY PERTINENT WORK. ALL EXISTING CONDITIONS AND DIMENSIONS SHALL BE NOTED BY THE CONTRACTOR ON THE SHOP DRAWINGS PRIOR TO SUBMITTING THOSE SHOP DRAWINGS FOR REVIEW.
5. THE CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND VERIFY THE LOCATIONS AND SIZES OF CHASES, INSERTS, OPENINGS, SLEEVES, FINISHES, DEPRESSIONS, SLOPES, AND OTHER PROJECT REQUIREMENTS. USE DETAILS PROVIDED BY THE MANUFACTURER FOR INSTALLATION AND EQUIPMENT ANCHORAGE.
6. ALL CONSTRUCTION JOINTS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE INCORPORATED INTO THE STRUCTURE. ADDITIONAL CONSTRUCTION JOINTS TO FACILITATE CONSTRUCTION SHALL BE LOCATED AND DETAILED ON THE SHOP DRAWINGS FOR REVIEW.
7. ALL DETAILS SHOWN ARE TYPICAL. SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS, UNLESS SHOWN OTHERWISE.
8. THE CONTRACTOR SHALL SUBMIT THE SHOP DRAWINGS, DETAILING ALL OPENINGS, INCLUDING ADDED REINFORCEMENT, AS SHOWN ON TYPICAL DETAILS, FOR REVIEW.
9. ALL STRUCTURAL MEMBERS, AS SHOWN, HAVE BEEN DESIGNED TO CARRY IN PLACE DESIGN LOADS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPORT OF ANY ADDITIONAL LOADS AND FORCES IMPOSED DURING CONSTRUCTION, TRUCKING, ERECTING AND HANDLING.
10. CONTRACTOR SHALL BRACE ALL BASEMENT TYPE WALLS RETAINING EARTH UNTIL RESTRAINING SLABS HAVE BEEN PLACED AND REACHED REQUIRED DESIGN STRENGTH.
11. CONTRACTOR IS RESPONSIBLE FOR COORDINATING SPECIFIC CONNECTION AND SUPPORT REQUIREMENTS FOR EXTERIOR VENEER WITH THE ARCHITECT, STRUCTURAL ENGINEER, AND AFFECTED SUBCONTRACTOR. ADDITIONAL FRAMING AND SUPPORT MAY NEED TO BE ADDED TO MEET THE SPECIFIC REQUIREMENTS OF THE VENEER SYSTEM.

DESIGN CRITERIA:

1. BUILDING CODES AND STANDARDS:
   - A. GENERAL BUILDING CODE: 2009 INTERNATIONAL BUILDING CODE
   - B. CONCRETE: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318
   - C. MASONRY: BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES, ACI 530
   - D. STRUCTURAL STEEL: SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS, AISC.
   - E. WOOD: NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, NDS
   - F. LIGHT-GAUGE STEEL FRAMING: SPECIFICATION FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, AISI
2. DESIGN LOADS
   - A. DEAD LOADS: ANY CHANGE IN CONSTRUCTION MATERIALS FROM THOSE SHOWN ON THE ARCHITECTURAL OR STRUCTURAL DRAWINGS SHALL BE REPORTED BY THE GENERAL CONTRACTOR TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF LOAD-CARRYING CAPACITY OF THE STRUCTURE.
   - B. LIVE LOADS (PSF):

CORRIDORS (FIRST)	100
OFFICE (LOBBIES)	100
OFFICES	50
ROOFS	20
STAIRS	100
STORAGE (LIGHT)	125

   - C. SNOW LOADS:

GROUND SNOW LOAD	10 PSF
IMPORTANCE FACTOR (I)	1.0
EXPOSURE FACTOR (Ce)	1.0
THERMAL FACTOR (Ct)	1.0

   - D. WIND LOADS:

BASIC WIND SPEED	90 MPH
IMPORTANCE FACTOR (I)	1.0
WIND EXPOSURE	B
BUILDING CLASSIFICATION	ENCLOSED
COMPONENTS AND CLADDING PRESSURES:	IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE

   - E. SEISMIC LOADS:

IMPORTANCE FACTOR (Ie)	1.00	
OCCUPANCY CATEGORY	II	
SS	0.253	
S1	0.119	
SDS	0.269	
SD1	0.184	
SITE CLASS	D	
DESIGN CATEGORY	C	
CS	0.041	
RESISTING SYSTEM	LIGHT FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS R	6.5

SHOP DRAWINGS:

1. ELECTRONIC SHOP DRAWINGS ARE PREFERRED, SUBMITTED THROUGH THE ARCHITECT. IF PAPER SHOP DRAWINGS ARE CHOSEN, SUBMIT 4 COPIES. ONE COPY WILL BE KEPT BY THE STRUCTURAL ENGINEER, ONE COPY WILL BE KEPT BY THE ARCHITECT, AND TWO COPIES WILL BE RETURNED TO THE GENERAL CONTRACTOR. ALL FURTHER COPIES REQUIRED BY THE CONTRACTOR ARE THE RESPONSIBILITY OF THE CONTRACTOR.
2. ALLOW TWO WEEKS FOR THE REVIEW OF EACH SUBMITTAL.
3. THE CONTRACTOR ACKNOWLEDGES ITS RESPONSIBILITY TO SUBMIT COMPLETE SHOP DRAWINGS AND OTHER REQUIRED SUBMITTALS. INCOMPLETE SUBMITTALS WILL BE RETURNED TO THE CONTRACTOR UNREVIEWED. NO TIME EXTENSIONS OR COST INCREASES WILL BE ALLOWED FOR DELAYS CAUSED BY RETURN OF INCOMPLETE SUBMITTALS.
4. THE CONTRACTOR SHALL REVIEW AND STAMP ALL SUBMITTALS PRIOR TO SUBMITTING THEM TO THE STRUCTURAL ENGINEER FOR REVIEW. QUESTIONS TO THE CONTRACTOR AND REQUESTS FOR FIELD VERIFICATION SHALL BE ANSWERED/PROVIDED PRIOR TO SUBMITTING THEM TO THE STRUCTURAL ENGINEER FOR REVIEW. SUBMITTALS THAT HAVE NOT BEEN REVIEWED BY THE GENERAL CONTRACTOR WILL BE RETURNED UNREVIEWED. NO TIME EXTENSIONS OR COST INCREASES WILL BE ALLOWED FOR DELAYS CAUSED BY RETURN OF UNREVIEWED SUBMITTALS.
5. ALL SHOP DRAWINGS ARE TO BE NEWLY PREPARED. REPRODUCTIONS OF CONTRACT STRUCTURAL DRAWINGS FOR USE AS ERECTION DRAWINGS WILL NOT BE PERMITTED. SHOULD SHOP DRAWING SUBMITTALS CONTAIN ANY REPRODUCTIONS OF CONTRACT STRUCTURAL DRAWINGS, THEY WILL BE REJECTED AND RETURNED WITHOUT ENGINEER REVIEW.

SITE AND FOUNDATION:

1. A GEOTECHNICAL ENGINEER, EMPLOYED BY THE GENERAL CONTRACTOR, SHALL PROVIDE COMPACTED FILL REQUIREMENTS FOR THE BUILDING PAD AND REVIEW THE FOUNDATION BEARING SURFACE TO VERIFY THE ASSUMED BEARING PRESSURE NOTED BELOW. DO NOT PLACE CONCRETE PRIOR TO GEOTECHNICAL ENGINEER'S APPROVAL.
2. ASSUMED MAXIMUM BEARING PRESSURE: 2000 PSF.
3. ALL FOUNDATION BEARING SURFACES SHALL BE REVIEWED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE TO ENSURE THEIR COMPLIANCE WITH THE PRESSURES NOTED ABOVE. ALL BOTTOM ELEVATIONS ARE ESTIMATED AND MAY BE ADJUSTED IN THE FIELD BY THE GEOTECHNICAL ENGINEER. ALL BOTTOM ELEVATIONS THAT ARE LOWER THAN THOSE GIVEN IN THE STRUCTURAL DRAWINGS MUST BE FILLED WITH LEAN CONCRETE UP TO THE BOTTOM OF FOOTING ELEVATION.
4. COMPACTED FILL WITHIN THE BUILDING AREA AND EXTENDING 10 FEET OUTSIDE THE EXTERIOR BUILDING LINE SHALL MEET THE FOLLOWING REQUIREMENTS:

   PLASTICITY INDEX LESS THAN 30
   MAXIMUM SIZE STONE OF 4 INCHES
   SOIL FREE OF ORGANIC MATERIAL
   PLACE IN 8 INCH LOOSE LIFTS
   COMPACT TO 98 PERCENT OF STANDARD PROCTOR MAXIMUM DRY DENSITY
   FIELD DENSITY TEST FOR EACH 2500 SQUARE FEET PER FOOT OF FILL

5. STRUCTURAL FILL UNDER FLOOR SLABS: COMPACT TO 98 PERCENT OF SOIL'S STANDARD PROCTOR MAXIMUM DRY DENSITY.
6. GRAVEL FILL IN TRENCHES: PLACE IN 8 INCH MAXIMUM LIFTS AND COMPACT EACH LIFT WITH VIBRATORY OR TAMPING COMPACTION EQUIPMENT.
7. GRAVEL FILL UNDER CONCRETE SLAB-ON-GRADE MUST BE COMPACTED USING VIBRATORY PLATE COMPACTION EQUIPMENT OR VIBRATORY ROLLERS. SPECIAL CARE MUST BE TAKEN TO ENSURE PROPER COMPACTION OF GRAVEL AT EDGES OF SLAB AND ADJACENT TO FOUNDATION STEM WALLS WHILE MAINTAINING THE STRUCTURAL INTEGRITY OF FOUNDATION STEM WALLS.
8. BACKFILL FOR FOUNDATION AND RETAINING WALLS SHALL BE A FREE DRAINING GRANULAR MATERIAL, SUCH AS #57 STONE. BACKFILL SHALL BE PLACED IN 12 INCH LIFTS AND SHALL BE COMPACTED SUFFICIENTLY TO PREVENT SUBSIDENCE OF SURFACE ADJACENT TO THE WALL. THE GRANULAR MATERIAL SHALL BE PLACED IN A 45 DEGREE WEDGE EXTENDING FROM THE OUTSIDE EDGE OF THE FOOTING.

CONCRETE

1. CONCRETE SCHEDULE:

ITEM	28 DAY COMPRESSIVE STRENGTH
FOOTINGS	3000 PSI, NORMAL WEIGHT, AIR-ENTRAINED
SLAB-ON-GRADE	3000 PSI, NORMAL WEIGHT
MASONRY FILL	3000 PSI, NORMAL WEIGHT, PEA-GRAVEL AGGREGATE, 8"-10" SLUMP

2. CONCRETE COVER AROUND REINFORCING (U.N.O.)

UNFORMED SURFACES IN CONTACT WITH EARTH	3 IN.
UNFORMED SURFACES OVER VAPOR BARRIER	2 IN.
FORMED SURFACES EXPOSED TO EARTH OR WEATHER:	
#5 AND SMALLER	1 1/2 IN.
#6 AND LARGER	2 IN.
FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER	1 IN.

3. CONCRETE CONSTRUCTION AND OPERATIONS SHALL COMPLY WITH A.C.I. STANDARDS.
4. CONCRETE FOOTINGS, AND SLABS SHALL HAVE NO HORIZONTAL JOINTS. WHERE THIS IS NOT FEASIBLE, ANY STOP IN CONCRETE WORK MUST BE MADE AT CENTER OF SPAN WITH VERTICAL BULKHEAD AND SHEAR KEY, UNLESS SHOWN OTHERWISE.
5. NO CONDUIT OR PIPE SHALL BE CAST IN CONCRETE WITHOUT THE WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER. IF CONDUIT OR PIPE IS ALLOWED IN THE SLAB, THEY SHALL MEET THE FOLLOWING REQUIREMENTS:
   - A. CONDUIT AND PIPE SHALL HAVE A MINIMUM OF 3" CLEAR BETWEEN PIECES OF CONDUIT OR PIPE AND A MINIMUM SPACING OF 3 TIMES THE CONDUIT OR PIPE DIAMETER.
   - B. OUTER LIMITS OF CONDUIT, CROSSING CONDUIT AND COUPLERS SHALL NOT EXCEED 1/3 THE SLAB THICKNESS AND SHALL BE LOCATED WITHIN THE MIDDLE THIRD OF THE SLAB.
   - C. THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT AND ELECTRICAL ENGINEER AS REQUIRED TO ENSURE THAT PANEL LAYOUTS AND ELECTRICAL ROOMS ARE LARGE ENOUGH TO ACCOMMODATE CONDUIT CLEARANCE AND SPACING REQUIREMENTS WHERE CONDUITS TURN UP/DOWN AND OUT OF THE SLAB.
6. MECHANICAL ANCHORS INTO CONCRETE SHALL BE POWERS WEDGE BOLTS, SIMPSON TITEN HD, OR EQUIVALENT.
7. EPOXY ANCHORS INTO CONCRETE SHALL BE POWERS, SIMPSON, OR HILTI INSTALLED WITH EPOXY ADHESIVES PER THE MANUFACTURER'S GUIDELINES FOR CLEANING, USE, AND INSTALLATION.

REINFORCING

1. ALL REINFORCING SHALL CONFORM TO THE LATEST REVISION OF ASTM SPECIFICATION A615, GRADE 60.
2. ALL REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH A.C.I. STANDARD 315, LATEST REVISION.
3. NO REINFORCING SHALL BE WELDED IN ANY MANNER, UNLESS SPECIFICALLY SHOWN OR NOTED ON THE DRAWINGS.
4. ALL WELDED WIRE FABRIC (W.W.F.) SHALL CONFORM TO ASTM A-185. WELDED WIRE FABRIC SHALL BE LAPPED A MINIMUM OF 1'-0" AND SHALL BE FURNISHED IN SHEETS ONLY (NO ROLLS). ALL WELDED WIRE FABRIC SHALL BE SUPPORTED AT THE CORRECT DEPTH.
5. REINFORCING STEEL SHOWN IN SECTIONS IS A SCHEMATIC INDICATION THAT REINFORCING EXISTS. REFER TO SCHEDULES, SECTION NOTES, AND GENERAL NOTES FOR ACTUAL REINFORCING REQUIRED.
6. REINFORCING BAR PLACING ACCESSORIES SHALL BE PLACED IN ACCORDANCE WITH C.R.S.I. SPECIFICATIONS, AND A.C.I. MANUAL OF STANDARD PRACTICE. WHERE CONCRETE IS EXPOSED IN FINISHED BUILDING, PROVIDE ACCESSORIES WITH RUSTPROOF LEGS.
7. ALL SPLICES SHALL BE CLASS "B" TENSION LAP SPLICES, UNLESS NOTED OTHERWISE.
8. SLABS-ON-GRADE (INCLUDING EXTERIOR WALK AND DRIVE SLABS - UNLESS THESE SLABS ARE COVERED IN CIVIL DRAWINGS): 4" THICK, REINFORCED WITH 6x6 W2.1/W2.1 WELDED WIRE FABRIC, SUPPORTED AT MID-DEPTH OF SLAB, UNLESS SHOWN OTHERWISE.
9. CONTINUOUS WALL FOOTINGS: 1'-0" THICK, REINFORCED WITH 3 #5 CONT. AND #3 TIES AT 48" O.C., UNLESS NOTED OTHERWISE.
10. PROVIDE OUTSIDE CORNER BARS IN CONCRETE FOOTINGS TO MATCH THE SIZE AND SPACING OF THE HORIZONTAL REINFORCING. LEG LENGTH SHALL BE EQUIVALENT TO A CLASS "A" SPLICE, UNLESS NOTED OTHERWISE.
11. CONCRETE WALLS: REINFORCE 8" THICK WALLS WITH #5 AT 12" O.C. EACH WAY, IN THE CENTER OF THE WALL. REINFORCE 12" THICK WALLS WITH #4 AT 12" O.C., EACH WAY, EACH FACE, UNLESS NOTED OTHERWISE.
12. PEDESTAL, WALL, AND COLUMN REINFORCING: DOWEL TO FOUNDATION WITH HOOKED BARS OF SAME SIZE AND SPACING AS THE VERTICAL REINFORCING.
13. AT OPENINGS LARGER THAN 12" IN CONCRETE FLOOR SLABS, PROVIDE 2 #4 BARS AT ALL 4 SIDES OF THE OPENING. EXTEND BARS 2'-0" BEYOND THE CORNERS OF THE OPENING.
14. PROVIDE #4 AT 12" O.C. TEMPERATURE REINFORCING IN ALL SOLID AND JOIST SLABS AT RIGHT ANGLES TO MAIN REINFORCING OR JOISTS, UNLESS NOTED OTHERWISE. IN JOIST SLABS, SPLICES OF TEMPERATURE REINFORCING SHALL BE MADE OVER A JOIST.

CONCRETE MASONRY

1. MASONRY CONSTRUCTION SHALL CONFORM TO ACI 530.1 SPECIFICATION.
2. MASONRY UNIT STRENGTH (f'm) SHALL BE 1500 PSI AT 28 DAYS.
3. GROUT COMPRESSIVE STRENGTH SHALL BE 3000 PSI AT 28 DAYS.
4. MORTAR SHALL BE TYPE S OR M.
5. CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY BRACING FOR ALL MASONRY WALLS DURING CONSTRUCTION.
6. MASONRY SHALL HAVE (9 GAUGE) SEISMIC TYPE HORIZONTAL JOINT REINFORCING PLACED AT A MINIMUM OF EVERY OTHER COURSE (DUR-O-WALL OR EQUIVALENT).
7. ALL CONCRETE MASONRY SHALL BE RUNNING BOND, UNLESS NOTED OTHERWISE.
8. ALL BLOCK CELLS AND CAVITIES BELOW GRADE SHALL BE FILLED WITH 3000 PSI PEA-GRAVEL CONCRETE OR GROUT.
9. MINIMUM REINFORCING LAP SPLICE OF 48 BAR DIAMETERS.
10. COORDINATE LOCATIONS AND DETAILS OF MASONRY CONTROL JOINTS WITH ARCHITECTURAL DRAWINGS. PROVIDE MASONRY CONTROL JOINTS AT A MAXIMUM SPACING OF 30 FEET.
11. REINFORCE EXTERIOR MASONRY CORNERS WITH 1 #5 VERTICAL. PROVIDE HOOKED DOWEL IN FOOTING.

STRUCTURAL STEEL

1. STRUCTURAL STEEL: ASTM A992, GRADE 50 FOR W-SHAPES, ASTM A36 ELSEWHERE.
2. STEEL TUBING: ASTM A500, GRADE B.
3. STEEL PIPE: ASTM A53, TYPE E OR S, GRADE B.
4. WELDED CONNECTIONS: E70XX ELECTRODES, MINIMUM SIZE FILLET WELD 3/16".
5. BOLTED CONNECTIONS: BEARING TYPE A325N, IN ACCORDANCE WITH AISC "SPECIFICAITON FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". BOLTS THROUGH 4" WIDE BEAM FLANGES SHALL BE 5/8" DIAMETER. ALL OTHER BOLTS SHALL BE 3/4" DIAMETER (MINIMUM).
6. ANCHOR BOLTS: ASTM A307, HEADED TYPE, UNLESS NOTED OTHERWISE.
7. FABRICATE AND ERECT ALL STRUCTURAL STEEL IN ACCORDANCE WITH AISC "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
8. BOLTS SHOWN IN SECTIONS AND DETAILS ARE A SCHEMATIC INDICATION THAT BOLTS MAY BE USED. ACTUAL NUMBER, UNLESS SPECIFIED, TO BE IN ACCORDANCE WITH AISC.
9. ALL STRUCTURAL STEEL CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS SHALL BE DESIGNED TO RESIST FORCES INDICATED, BY THE CONTRACTOR, UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ALABAMA.
10. ALL NON-COMPOSITE BEAM CONNECTIONS SHALL BE AISC TYPE 2 "SIMPLE FRAMING" CONNECTIONS, UNLESS NOTED OTHERWISE. WHERE BEAM REACTIONS ARE NOT SHOWN ON THE DRAWINGS, THE CONNECTIONS SHALL BE DESIGNED TO SUPPORT A REACTION EQUAL TO ONE-HALF OF THE TOTAL UNIFORM LOAD CAPACITY FROM THE MAXIMUM UNIFORM LOAD TABLES, AISC MANUAL, MULTIPLIED BY A FACTOR OF 1.2 FOR GIVEN SHAPE, SPAN, AND GRADE OF STEEL.
11. ALL BEAM CONNECTIONS SHALL BE DESIGNED FOR AN AXIAL LOAD OF 5 PERCENT OF THE BEAM REACTION, U.N.O.
12. THE STEEL FRAME IS NOT "SELF-SUPPORTING". ADEQUATE TEMPORARY SUPPORT MUST BE PROVIDED BY THE CONTRACTOR UNTIL REQUIRED CONNECTIONS OR ELEMENTS ARE IN PLACE.
13. PROVIDE 3" MINIMUM CONCRETE COVER FOR ALL STEEL BELOW GRADE. ALL EXPOSED EXTERIOR STRUCTURAL STEEL SHALL BE HOT-DIP GALVANIZED (ASTM A123) UNLESS SHOWN IN THE ARCHITECTURAL DRAWINGS OR SPECIFICATIONS AS PAINTED OR STAINLESS STEEL.
14. COORDINATE PRIMING OR PAINTING OF STRUCTURAL STEEL WITH FIREPROOFING REQUIREMENTS

WOOD CONSTRUCTION

1. ALL SAWN LUMBER IN CONTACT WITH SOIL, MASONRY OR CONCRETE OR EXPOSED TO WEATHER TO BE SOUTHERN PINE, PRESSURE TREATED.
2. WOOD FRAMING MEMBERS: NO. 2 SOUTHERN PINE (SPIB) UNLESS NOTED OTHERWISE.
3. FLOOR JOISTS AND BEAMS SHALL BE LATERALLY BRACED AT MAXIMUM INTERVALS OF 8'-0" BY SOLID BRIDGING OR TRANSVERSE BEAMS. THE ENDS, AT POINTS OF BEARING, SHALL BE LATERALLY SUPPORTED TO PREVENT ROTATION.
4. ROOF SHEATHING: 5/8" PLYWOOD/OSB, C-D GRADE, INTERIOR APA WITH EXTERIOR GLUE, STRUCTURAL I OR II. PANEL IDENTIFICATION INDEX 48/24.
5. ROOF SHEATHING NAILING, UNLESS NOTED OTHERWISE: 8d NAILS AT 6 INCHES AT ALL FOUR PANEL EDGES AND 12 INCHES AT INTERMEDIATE MEMBERS.
6. PLYWOOD SHEAR WALLS: 15/32" PLYWOOD/OSB, UNLESS NOTED OTHERWISE, APA STRUCTURAL II RATED SHEATHING, EXPOSURE 1. LONG DIMENSION OF PANEL TO BE PERPENDICULAR TO STUDS. ALL PLYWOOD EDGES TO BE BACKED WITH TWO-INCH NOMINAL OR WIDER FRAMING.
7. PLYWOOD SHEAR WALL NAILING, UNLESS NOTED OTHERWISE: 8d NAILS AT 4 INCHES AT ALL FOUR PANEL EDGES AND 12 INCHES AT INTERMEDIATE MEMBERS.
8. DESIGN, FABRICATE AND ERECT WOOD TRUSSES IN ACCORDANCE WITH THE "DESIGN SPECIFICATION FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES" OF THE TRUSS PLATE INSTITUTE.
9. TRUSS MANUFACTURER SHALL DESIGN FOR THE FOLLOWING SUPERIMPOSED LOADS:

TOP CHORD DEAD LOAD	10 PSF
BOTTOM CHORD DEAD LOAD	10 PSF
TOP CHORD LIVE LOAD	20 PSF
BOTTOM CHORD LIVE LOAD	10 PSF

10. DESIGN ROOF TRUSSES TO RESIST THE FOLLOWING WIND UPLIFT PRESSURES:

INTERIOR ZONES (REGIONS THAT ARE NOT EDGE OR CORNER ZONES)	15 PSF
EDGE ZONES (REGIONS WITHIN Z DISTANCE OF ROOF EDGE)	20 PSF
CORNER ZONES (REGIONS WITHIN Z DISTANCE OF TWO INTERSECTING ROOF EDGES	30 PSF

    USE 1/3 OF SPECIFIED DEAD LOAD IN DETERMINING NET UPLIFT.

11. IN ADDITION TO THE ABOVE LOADS, WOOD TRUSSES SHALL BE DESIGNED FOR CONCENTRATED LOADS HUNG FROM OR SUPPORTED ON TRUSSES. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR LOADING INFORMATION AND LOCATION. LOADING AS REQUIRED BY OTHER SUBCONTRACTORS, SUCH AS FIRE PROTECTION, SHALL BE COORDINATED BY THE GENERAL CONTRACTOR.
12. ALL TRUSS TO TRUSS CONNECTIONS AND TRUSS TO STRUCTURE CONNECTIONS SHALL BE DESIGNED AND PROVIDED BY THE TRUSS MANUFACTURER FOR THE LOADS INDICATED. ALL CLIPS AND STRAPS SHOWN ON THE PLANS OR IN THE SECTIONS ARE TO BE CONSIDERED MINIMUM ACCEPTABLE CONNECTIONS AND DO NOT NEGATE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER TO DESIGN AND PROVIDE TRUSS TO TRUSS AND TRUSS TO STRUCTURE CONNECTIONS.
13. WTCA 1-1995 PROVISIONS REGARDING TEMPORARY AND PERMANENT BRACING SHALL NOT BE APPLICABLE. ALL TEMPORARY AND PERMANENT BRACING MEMBERS AND CONNECTIONS REQUIRED FOR WOOD TRUSSES SHALL BE DETAILED ON THE WOOD TRUSS MANUFACTURER'S ERECTION PLANS. BRACING MEMBERS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
14. TEMPORARY BRACING SHALL NOT IMPOSE ANY FORCE ON THE SUPPORTING STRUCTURE. PERMANENT BRACING FORCES SHALL BE TRANSFERRED TO THE ROOF DIAPHRAGM BY THE BRACING DESIGN PROVIDED BY THE TRUSS MANUFACTURER.
15. GLUED LAMINATED TIMBER: CONFORM TO THE REQUIREMENTS OF THE "STANDARD APPEARANCE GRADES FOR STRUCTURAL GLUED LAMINATED TIMBER", AITC 110, ARCHITECTURAL APPEARANCE. PROVIDE PRESSURE TREATMENT AS REQUIRED.
16. USE WET-USE ADHESIVES FOR GLUED LAMINATED TIMBER.
17. TIMBER CONNECTORS SHALL BE SIZE SHOWN ON THE DRAWINGS AND SHALL BE HOT-DIP GALVANIZED.
18. ALL BUILT-UP WOOD HEADERS SHALL BE NAILED TOP AND BOTTOM AT 12" O.C., EACH SIDE. NAILS SHALL BE OF SUCH SIZE AS TO PENETRATE ALL MEMBERS PLUS 1/2" AND SHALL BE CLINCHED ON THE FAR SIDE.
19. WINDOW AND DOOR HEADERS ARE TO BE (2) 2x10, UNLESS NOTED OTHERWISE.
20. AT ALL ROOF HEADER BEARINGS, PROVIDE 2x STUD DIRECTLY UNDER BEARING. AT ALL SAWN LUMBER FLOOR HEADERS, PROVIDE (2) 2x STUD DIRECTLY UNDER BEARING. AT ALL LVL HEADERS, PROVIDE (3) 2x STUD DIRECTLY UNDER BEARING. MAINTAIN STUD CONTINUITY TO FOUNDATION INCLUDING BETWEEN DOUBLE TOP PLATE AND BOTTOM PLATE AT FLOOR FRAMING.
21. ALL METAL HARDWARE (BOLTS, NUTS, WASHERS, PLATES, ETC.) TO BE HOT-DIP GALVANIZED IF EXPOSED TO WEATHER AND ZINC COATED (MINIMUM) AT ALL INTERIOR LOCATIONS.

INSTALL 2x6 STRONGBACKS AT FLOOR TRUSS THIRD POINTS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

22. FLOOR TRUSS MANUFACTURER TO PROVIDE 21" MINIMUM WIDTH DUCT OPENING IN WEB AT TRUSS MID-SPAN.
23. FLOOR SHEATHING: 3/4" PLYWOOD/OSB APA STRUCTURAL I RATED SHEATHING, EXPOSURE I, TONGUE AND GROOVE EDGES. PANEL IDENTIFICATION INDEX 48/24. LONG DIMENSION OF PANEL PERPENDICULAR TO SUPPORTS.
24. PLYWOOD, GYPSUM SHEATHING, AND WALLBOARD SHALL BE ATTACHED TO STUDS IN ACCORDANCE WITH TABLE 2304.9.1 OF THE INTERNATIONAL BUILDING CODE, MINIMUM.
25. VERTICAL STUDS INTERRUPTED BY WALL OPENINGS SHALL BE LOCATED EQUALLY ON EACH SIDE OF THE OPENING. SIMILAR STUDS SHALL BE LOCATED BETWEEN THE DOUBLE TOP PLATE AND BOTTOM PLATE AT THE FLOOR FRAMING LEVEL.
26. WOOD I JOISTS TO BE AS MANUFACTURED BY LOUISIANA PACIFIC, WEYERHAUSER, OR APPROVED EQUAL. CONTRACTOR SHALL OBTAIN THE TECHNICAL DATA FROM THE MANUFACTURER AND FOLLOW THE MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION, BRACING, WEB HOLES, BLOCKING, WEB STIFFENERS, ETC. CONTAINED IN THE TECHNICAL DATA. TECHNICAL DATA SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER PRIOR TO START OF FRAMING.
27. ALL PLYWOOD FOR WALLS AND SHEAR WALLS SHALL BE BLOCKED.
28. METAL CONNECTORS SHOWN IN DOCUMENTS ARE SIMPSON STRONG TIE CONNECTORS. SUBSTITUTION WITH EQUAL CONNECTORS BY OTHER MANUFACTURERS IS ACCEPTABLE.
29. ALL SIMPSON CONNECTORS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS WITH THE MAXIMUM NUMBER OF NAILS.

LIGHT GAUGE STEEL FRAMING

1. STRUCTURAL PROPERTIES OF LIGHT GAUGE STEEL MEMBERS SHALL BE COMPUTED IN ACCORDANCE WITH AISI "SPECIFICATION FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".
2. METAL STUDS SHALL BE A MINIMUM OF 6" x 1 5/8" x 18 GAUGE AT 16" O.C. TRACKS SHALL BE A MINIMUM OF 6" x 1 1/4" x 18 GAUGE CONT., CONNECTED TO SUPPORTING STRUCTURE AS SHOWN IN TYPICAL DETAILS.
3. LOAD-BEARING STUDS SHALL BE FULLY END BEARING.
4. SHEAR WALLS: 15/32" PLYWOOD/OSB, UNLESS NOTED OTHERWISE, APA STRUCTURAL II RATED SHEATHING, EXPOSURE 1. LONG DIMENSION OF PANEL MUST BE PERPENDICULAR TO THE STUDS. PANEL EDGES SHALL BE FULLY BLOCKED WITH A MINIMUM OF 1 1/2" WIDE HORIZONTAL STRAPPING OF THE SAME MATERIAL THICKNESS AS THE TRACK AND STUDS.
5. SHEAR WALL FASTENING, UNLESS NOTED OTHERWISE: NO. 8 x 1" BUGLE HEAD SCREWS AT 4" O.C. AT ALL FOUR PANEL EDGES AND AT 8" O.C. AT INTERMEDIATE MEMBERS. SCREWS SHALL BE PLACED A MINIMUM OF 3/8" FROM PANEL EDGES.
6. AT ENDS OF SHEAR WALLS, PROVIDE A DOUBLE STUD (BACK TO BACK) SCREWED TOGETHER WITH 2 SCREWS AT 12" O.C.
7. WALL SHEATHING FASTENING, UNLESS NOTED OTHERWISE: NO. 8 x 1" BUGLE HEAD SCREWS AT 6" O.C. AT ALL FOUR PANEL EDGES AND AT 12" O.C. AT INTERMEDIATE MEMBERS. SCREWS SHALL BE PLACED A MINIMUM OF 3/8" FROM PANEL EDGES.
8. PROVIDE WALL BRACING, CONNECTION DETAILS, AND WINDOW HEADERS AS RECOMMENDED BY THE LIGHT GAUGE STEEL MANUFACTURER FOR ALL LIGHT GAUGE STEEL FRAMING.
9. PROVIDE PERMANENT LATERAL BRACING AT ALL LOAD-BEARING WALLS PER MANUFACTURER'S REQUIREMENTS BUT NOT GREATER THAN 48". LATERAL BRACING MUST BE SECURED BEFORE AXIAL LOAD MAY BE APPLIED.
10. PROVIDE TEMPORARY LATERAL BRACING AT ALL LOAD-BEARING WALLS BEFORE AXIAL LOAD IS APPLIED. LATERAL BRACING SHALL CONSIST OF A MINIMUM OF DIAGONAL STUDS PLACED PARALLEL AND PERPENDICULAR TO THE PLANE OF THE WALL.
11. BEFORE AXIAL LOAD MAY BE APPLIED, ONE FLANGE OF EACH LOAD-BEARING STUD MUST BE BRACED BY SHEATHING OR SOME FORM OF PERMANENT BRACING.
12. TEMPORARY BRACING SHALL NOT IMPOSE ANY FORCE ON THE SUPPORTING STRUCTURE.
13. VERTICAL STUDS INTERRUPTED BY WALL OPENINGS SHALL BE LOCATED EQUALLY ON EACH SIDE OF THE OPENING AS FULL HEIGHT STUDS ON EACH SIDE OF THE OPENING. CONNECT JAMB STUDS TOGETHER WITH 6" LONG PIECES OF TRACK OF GAUGE EQUAL TO THE STUDS AT THE JAMB STUD QUARTER POINTS. CONNECT EACH PIECE OF TRACK TO EACH STUD WITH 2 #10 SCREWS.
14. PROVIDE SHOP DRAWINGS, SHOWING PLANS, ELEVATIONS AND CONNECTION DETAILS AT ALL LOAD-BEARING AND CURTAIN WALL STUD WALLS. THE SUBMITTAL FROM THE LIGHT-GAUGE CONTRACTOR MUST ALSO INCLUDE THE FOLLOWING ITEMS:
    - A. CONNECTION OF TRACK TO SUPPORTING SURFACES
    - B. CONNECTION OF STUD TO TRACK
    - C. CONNECTION/GANGING OF JAMB STUDS
    - D. CONSTRUCTION OF HEADERS TO INCLUDE FASTENER SPACING
    - E. CONNECTION OF HEADERS TO JAMB STUDS
    - F. NUMBER OF JAMB STUDS AT EACH OPENING
    - G. DESCRIPTION OF SHEAR WALL BLOCKING
    - H. CONNECTION/GANGING OF SHEAR WALL HOLD-DOWN COLUMNS
    - I. HOLD-DOWNS TO BE USED AT SHEAR WALL COLUMNS
    - J. BRIDGING DESCRIPTION/CONNECTION OF BRIDGING TO STUDS
15. FOR ANY MEMBER OR CONNECTION NOT SPECIFIED ON THE STRUCTURAL PLANS, SHOP DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED BEARING THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ALABAMA.
16. MEMBERS DESIGNATED AS 18 AND 20 GAUGE SHALL BE 33 KSI, UNLESS NOTED OTHERWISE. MEMBERS DESIGNATED AS 12, 14, AND 16 GAUGE SHALL BE 50 KSI, UNLESS NOTED OTHERWISE.

PRM STRUCTURAL ENGINEERS
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Phone: (256) 652-6818
Project No. 1749

STATE OF ALABAMA LICENSED No. 23391 PROFESSIONAL ENGINEER PHILIP R MATTHEWSON 11-30-17

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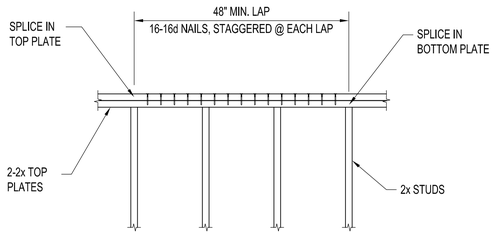
BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

JOB NO. 1749
DRAWN JEK
CHECKED PRM
DATE 11/30/2017
REVISED
REVISED

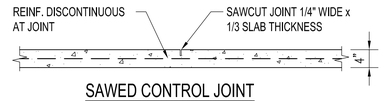
DRAWING TITLE
GENERAL NOTES

DRAWING NUMBER
S2.0
OF 10



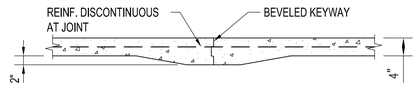
(WOOD OPTION)

TYPICAL TOP PLATE SPLICE DETAIL



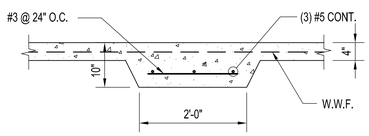
SAWED CONTROL JOINT

SAW JOINTS WITHIN 8 HOURS AFTER CONCRETE IS PLACED.

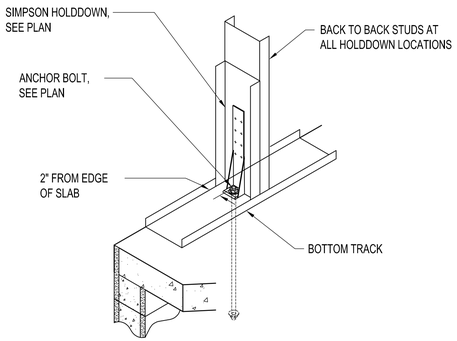


4" THICK SLAB TYPICAL CONTROL JOINT DETAILS

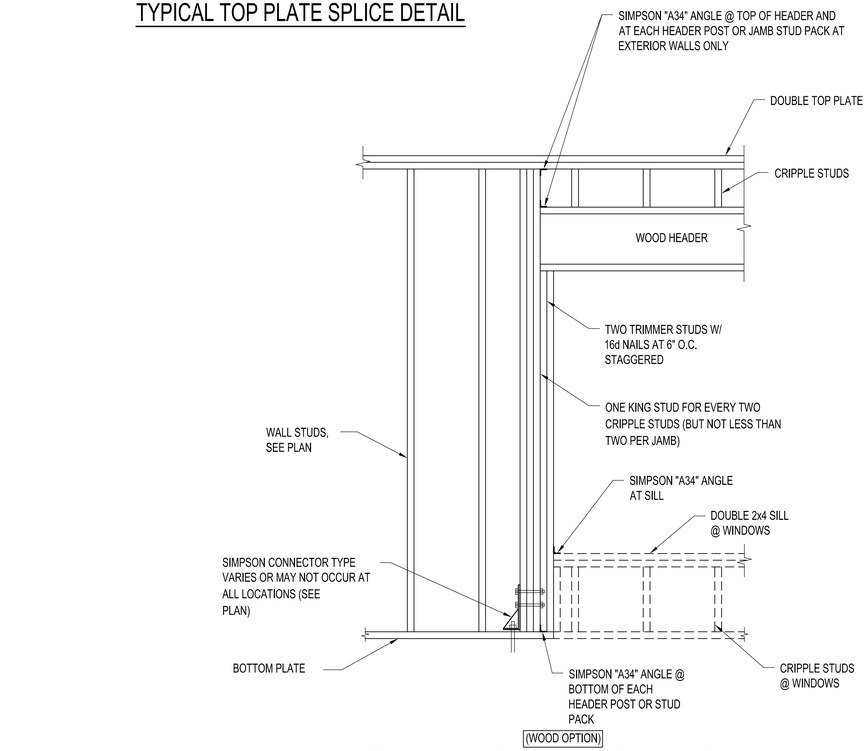
USE EITHER KETED OR SAWED AT CONTRACTOR'S OPTION
SEE PLAN FOR SPACING
HAND-TOOL AREAS INACCESSIBLE WITH SAW



TYPICAL THICKENED SLAB DETAIL



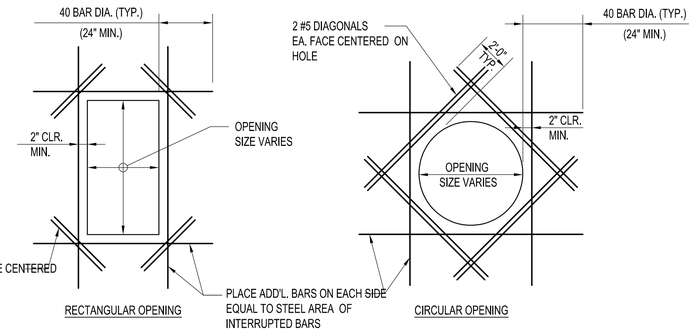
TYPICAL HOLDDOWN DETAIL



(WOOD OPTION)

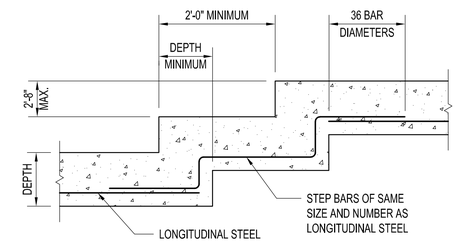
TYPICAL HEADER DETAIL AT STRUCTURAL WALLS

NOTE: MINIMUM HEADER SIZE SHALL BE DOUBLE 2x12 S.Y.P. OR SIZE SHOWN ON PLAN

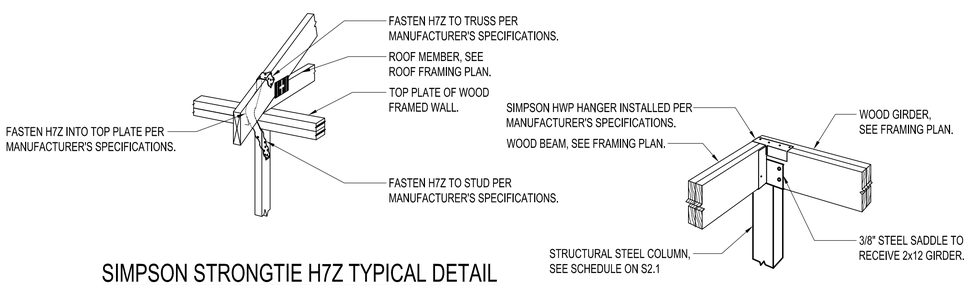


TYPICAL DETAIL OF ADD'L. REINF. AROUND OPENINGS IN CONCRETE WALLS AND SLABS

NOTE: COORD. W/ MECH. & EQUIPMENT DWGS. FOR ALL OPENING SIZES & LOCATIONS



TYPICAL FOOTING STEP DETAIL

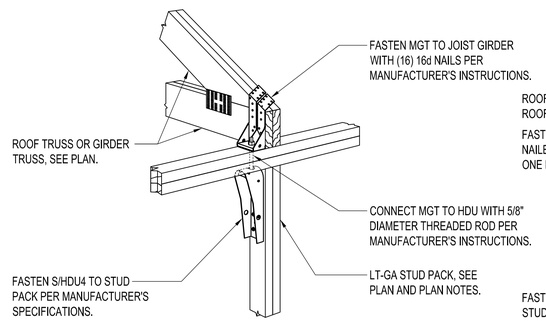


SIMPSON STRONGTIE H7Z TYPICAL DETAIL

SEE ROOF FRAMING PLAN FOR LOCATIONS.

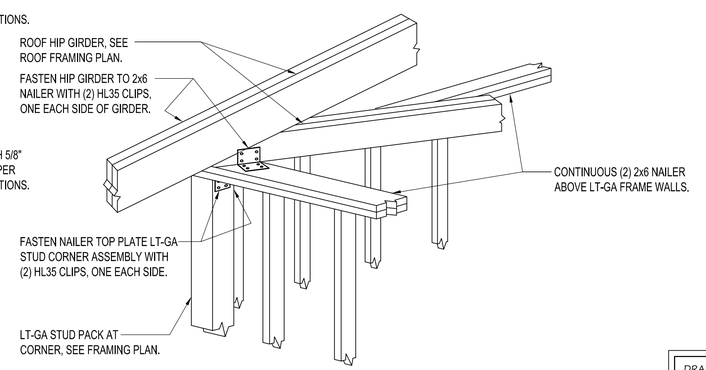
SIMPSON STRONGTIE CC AND HW TYPICAL DETAIL

SEE FRAMING PLAN FOR LOCATIONS.



SIMPSON STRONGTIE MGT AND S/HDU4 TYPICAL DETAIL

SEE ROOF FRAMING PLAN FOR LOCATIONS.



SIMPSON STRONGTIE HL35 AT HIP TYPICAL DETAIL

SEE ROOF FRAMING PLAN FOR LOCATIONS.

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BRANCH BANK FOR
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NAILING SCHEDULE

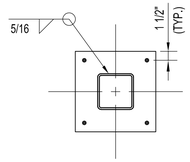
CONNECTION	FASTENING	LOCATION
JOIST TO SILL OR GIRDER	3 – 3"x0.131"	TOENAIL
	3 – 8d	
	2 – 16d	
BRIDGING TO JOIST	2 – 3"x0.131"	TOENAIL EACH END
	2 – 8d	
BOTTOM PLATE TO JOIST OR BLOCKING	3"x0.131" @ 8" o.c.	TYPICAL FACE NAIL
	16d @ 16" o.c.	
BOTTOM PLATE TO JOIST OR BLOCKING AT SHEARWALL	4 – 3"x0.131" @ 8" o.c.	TYPICAL FACE NAIL
	3 – 16d @ 16" o.c.	
TOP PLATE TO STUD	3 – 3"x0.131"	END NAIL
	2 – 16d AT 2x4 STUDS	
	3 – 16d AT 2x6 STUDS	
BOTTOM PLATE TO STUD	3 – 3"x0.131"	END NAIL
	2 – 16d AT 2x4 STUDS	
	3 – 16d AT 2x6 STUDS	
	4 – 3"x0.131"	TOENAIL
CONTINUOUS HEADER TO STUD	4 – 3"x0.131"	TOENAIL
	4 – 8d	
BUILT–UP CORNER STUDS	3"x0.131" @ 12" o.c.	FACE NAIL
	16d @ 16" o.c.	
DOUBLE STUDS	3"x0.131" @ 8" o.c., STAGGERED	FACE NAIL
	16d @ 12" o.c., STAGGERED	
DOUBLE TOP PLATES	3"x0.131" @ 12" o.c.	TYPICAL FACE NAIL
	16d @ 16" o.c	
DOUBLE TOP PLATE SPLICE	12 – 3"x0.131"	FACE NAIL EA. SIDE OF SPLICE
	10 – 16d	
TOP PLATE INTERSECTIONS	4 – 3"x0.131"	FACE NAIL
	3 – 16d	
RIM JOIST TO JOIST	5 – 3"x0.131"	END NAIL
	3 – 16d	
RIM JOIST TO TOP PLATE	3"x0.131" @ 12" o.c.	TOENAIL
	8d @ 6" o.c.	
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	4 – 3"x0.131"	TOENAIL
	4 – 8d	
CEILING JOISTS TO PARALLEL RAFTERS	12 – 3"x0.131"	FACE NAIL
	10 – 16d	
CEILING JOISTS, LAPS OVER WALLS OR BEAMS	12 – 3"x0.131"	FACE NAIL
	10 – 16d	
CEILING JOIST TO PLATE	5 – 3"x0.131"	TOENAIL
	3 – 8d	
RAFTER TO PLATE	3 – 3"x0.131"	TOENAIL
	3 – 8d	
BUILT–UP HEADERS, BEAMS, AND GIRDERS (3–PLY MAXIMUM)	3"x0.131" @ 12"o.c. & 3 @ ENDS	FACE NAIL TOP & BOTTOM &
	16d @ 16"o.c. & 3 @ ENDS	STAGGER OPPOSITE SIDES
LEDGER STRIP	3"x0.131" @ 6" o.c., STAGGERED	FACE NAIL
	16d @ 8"o.c., STAGGERED	
COLLAR TIE TO RAFTER	6 – 3"x0.131"	FACE NAIL
	4 – 16d	
JACK RAFTER TO HIP	4 – 3"x0.131"	TOENAIL
	3 – 10d	
	3 – 3"x0.131"	FACE NAIL
	2 – 16d	
ROOF RAFTER TO 2x RIDGE	4 – 3"x0.131"	TOENAIL
	3 – 16d	
	3 – 3"x0.131"	END NAIL
	2 – 16d	
SUBFLOOR (PLYWOOD OR OSB) TO FRAMING	8d RING SHANK	@ 6" o.c. AT PANEL EDGES & 12" o.c. AT INTERMED. SUPPORTS
ROOF SHEATHING (PLYWOOD OR OSB) TO FRAMING	8d RING SHANK	@ 4" o.c. AT PANEL EDGES & 12" o.c. AT INTERMED. SUPPORTS
EXTERIOR & SHEARWALL SHEATHING TO FRAMING (PLYWOOD OR OSB)	8d RING SHANK	@ 4" o.c. AT PANEL EDGES & 12" o.c. AT INTERMED. SUPPORTS
CELLULOSE FIBERBOARD SHEATHING TO FRAMING	8d	@ 3" o.c. AT PANEL EDGES & 6" o.c. AT INTERMED. SUPPORTS
1/2" GYPSUM BOARD TO FRAMING	6d NAILS OR 1 1/4" SCREWS	@ 7" o.c.
5/8" GYPSUM BOARD TO FRAMING	8d NAILS OR 1 5/8" SCREWS	@ 7" o.c.
1/4" OR 3/8" INT. WOOD PANELING	6d CASING OR FINISH NAILS	@ 6" o.c. AT PANEL EDGES & 12" O.C. AT INTERMED. SUPPORTS
1"x6" PLANKS TO EACH JOIST	2 – 8d	FACE NAIL
2" PLANKS TO EACH JOIST	2 – 16d	FACE NAIL

SCHEDULE NOTES:
1. THIS NAILING SCHEDULE APPLIES TO ALL WOOD FRAMING AND ROUGH CARPENTRY AND REPRESENTS THE MINIMUM ACCEPTABLE CONNECTIONS, UNLESS ADDITIONAL OR ALTERNATE CONNECTIONS ARE REQUIRED OR SPECIFIED IN THE SECTIONS, TYPICAL DETAILS, GENERAL NOTES OR SPECIFICATIONS.
2. NAILS ARE SMOOTH COMMON UNLESS NOTED OTHERWISE.
3. JOIST NAILING SHALL BE USED WHERE FLOOR TRUSSES OCCUR INSTEAD, BUT NOT LESS THAN THE TRUSS SUPPLIER'S RECOMMENDED MINIMUM ATTACHMENT PATTERN.
4. RAFTER NAILING SHALL BE USED WHERE ROOF TRUSSES OCCUR INSTEAD, BUT NOT LESS THAN THE TRUSS SUPPLIER'S RECOMMENDED MINIMUM ATTACHMENT PATTERN.

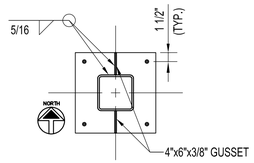
(WOOD OPTION)

STEEL COLUMN SCHEDULE

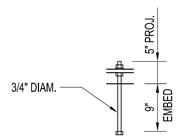
COLUMN DESIGNATION	A - 1, A - 3 D - 4, D - 7	B - 2, B - 8
CAP PLATE	3/8" SADDLE	3/8" SADDLE
TRUSS BEARING +(14'-8")		
TRUSS BEARING +(13'-11")		
BEAM BEARING +(13'-8 1/2")		
TRUSS BEARING +(12'-0")		
FIRST FLOOR (0'-0")	HSS4x4x1/4	HSS4x3x5/16
BASE PLATE SIZE (IN)	10 x 10 x 3/4	10 x 10 x 3/4
BASE PLATE TYP. DETAIL	CBP1	CBP1
ANCHOR BOLT (A307 OR A36)	(4) 3/4"	(4) 3/4"
ANCHOR BOLT TYP. DETAIL	AB1	AB1
PEDESTAL SIZE (IN) VERTICAL BARS TIES TOP OF PEDESTAL ELEV.		
REMARKS	CAP PLATE TO BE 3/8" SADDLE TO RECEIVE (3) 2x12 WOOD BEAM.	CAP PLATE TO BE 3/8" SADDLE TO RECEIVE WOOD TRUSS GIRDER.



CBP1



CBP2



AB1

TENSION LAP SPLICE LENGTHS

BAR SIZE	f'c 3000 PSI				f'c 4000 PSI			
	TOP BARS		OTHER BARS		TOP BARS		OTHER BARS	
	A	B	A	B	A	B	A	B
#3	22"	28"	17"	22"	19"	24"	15"	19"
#4	29"	37"	22"	29"	25"	32"	19"	25"
#5	36"	47"	28"	36"	31"	40"	24"	31"
#6	43"	56"	33"	43"	37"	48"	29"	37"
#7	63"	81"	48"	63"	54"	70"	42"	54"
#8	72"	93"	55"	72"	62"	80"	48"	62"
#9	81"	105"	62"	81"	70"	91"	54"	70"
#10	91"	118"	70"	91"	79"	102"	61"	79"
#11	101"	131"	78"	101"	87"	113"	67"	87"

1) TOP BARS ARE HORIZONTAL REINFORCEMENT WITH MORE THAN 12" OF CONCRETE CAST BELOW THE REINFORCEMENT.
2) MASONRY REINFORCING LAP SPLICE LENGTHS SHALL BE 48x BAR DIAMETER.

BRICK LINTEL SCHEDULE

MAXIMUM OPENING WIDTH	STEEL FOR EACH 4" OF WALL THICKNESS
4'-0"	L5x5x5/16
6'-0"	L5x5x5/16
8'-0"	L5x5x3/8
12'-0"	L7x4x3/8 (LLV) W/ 1/4" CLOSURE PLATE

AT ARCHED OPENINGS, ROLL ANGLE TO RADIUS SHOWN ON ARCHT DWGS. MITER & WELD 8" LENGTH OF ANGLE HORIZ. EACH END FOR BEARING.

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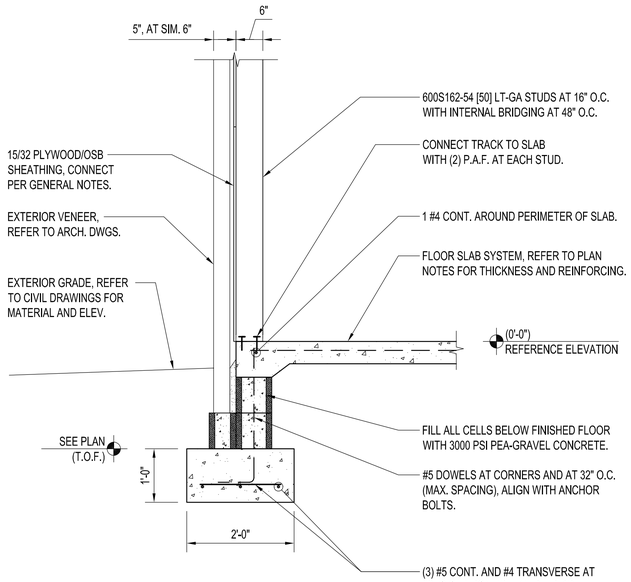
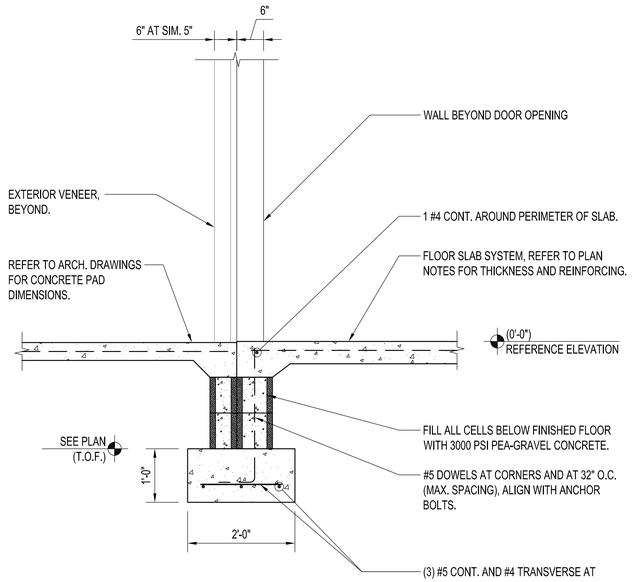
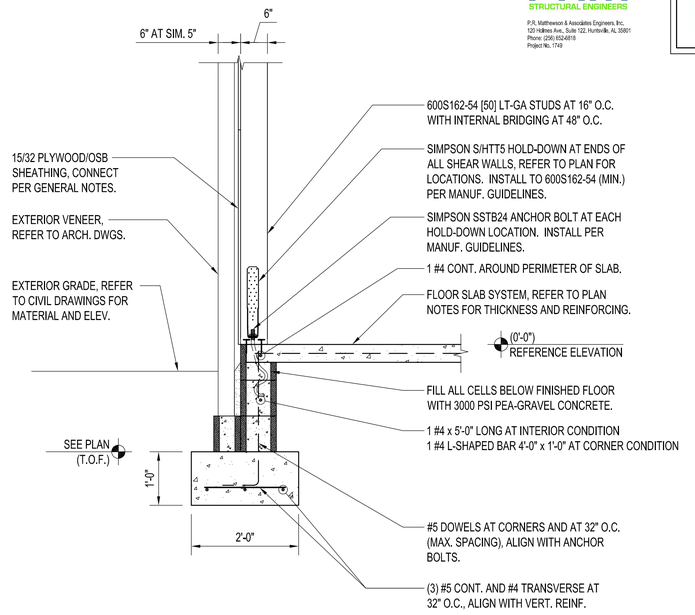


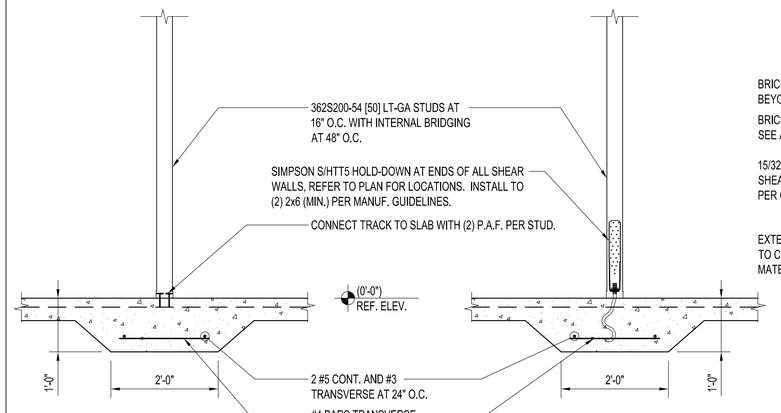
SECTION A
SCALE 3/4" = 1'-0" S3.0



SECTION B
SCALE 3/4" = 1'-0" S3.0

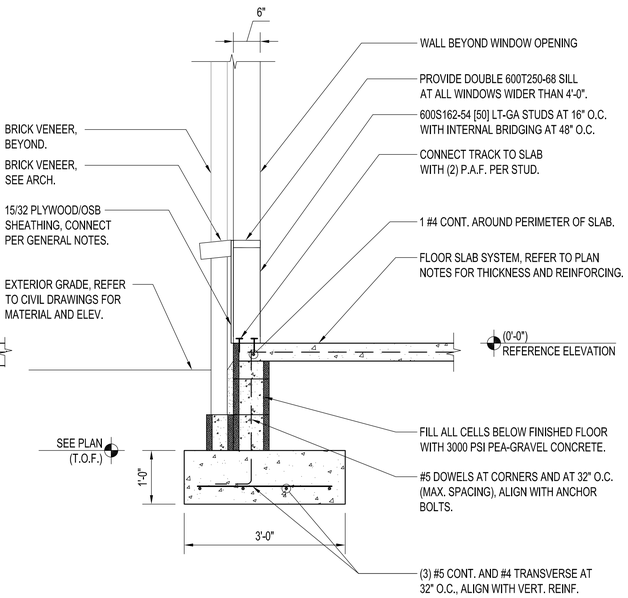


SECTION C
SCALE 3/4" = 1'-0" S3.0



SECTION D
SCALE 3/4" = 1'-0" S3.0

SECTION E
SCALE 3/4" = 1'-0" S3.0



SECTION F
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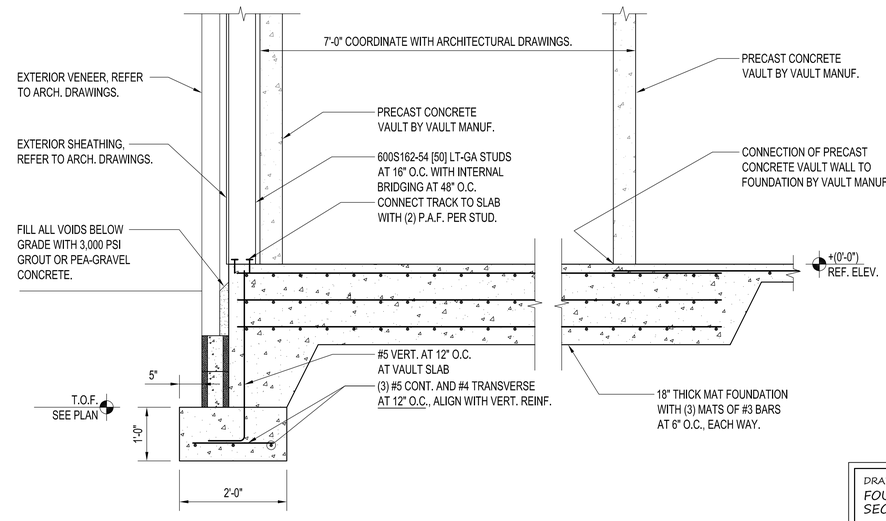

SECTION G
SCALE 3/4" = 1'-0" S3.0

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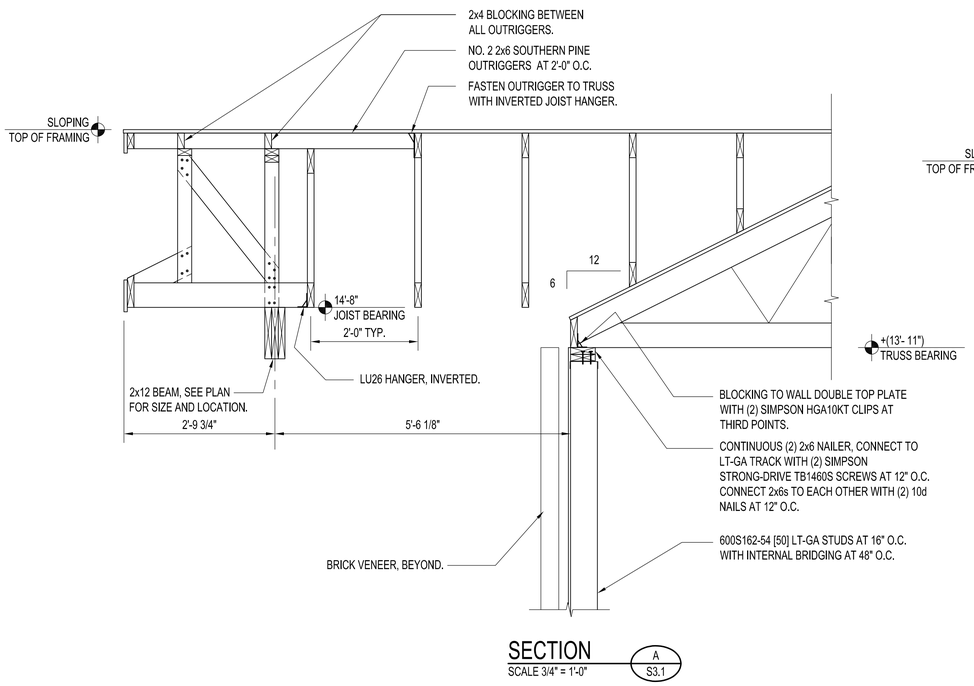
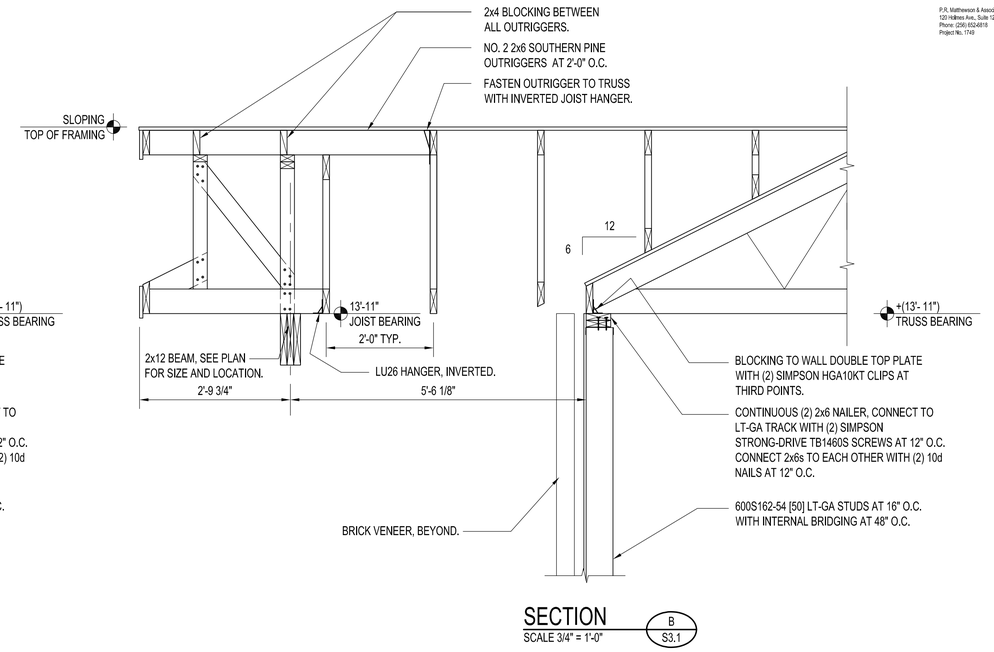
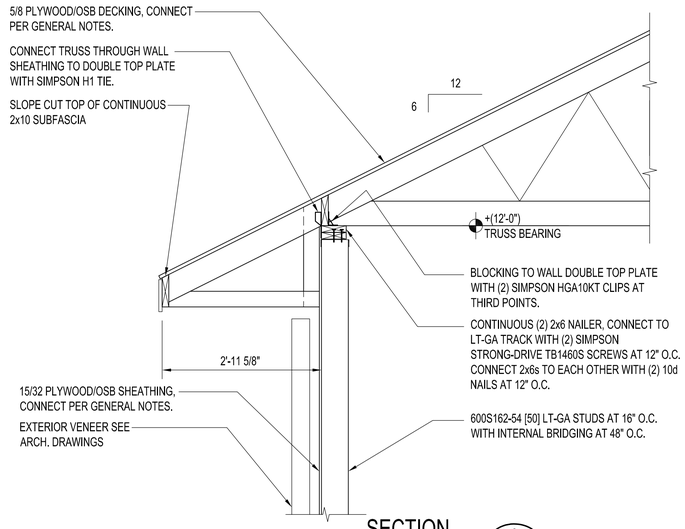


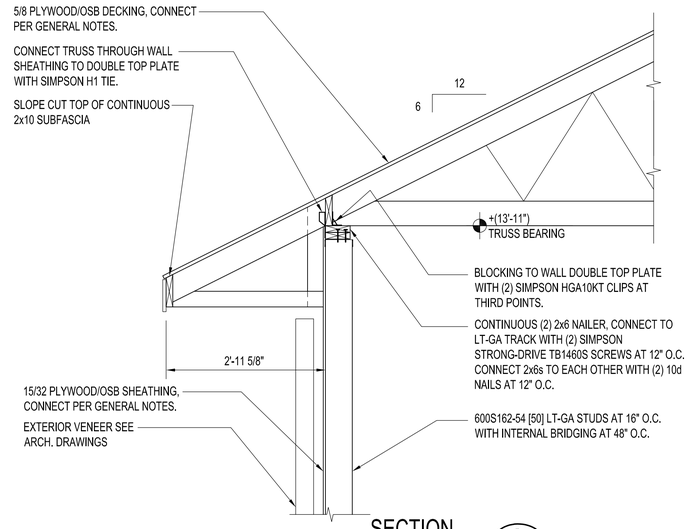
SECTION A
SCALE 3/4" = 1'-0" S3.1



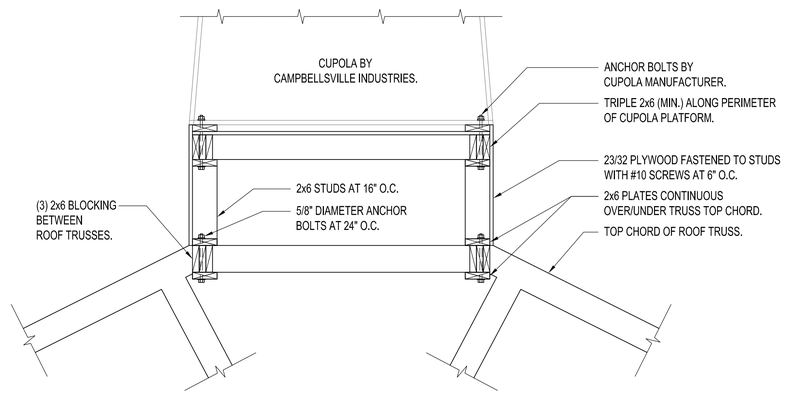
SECTION B
SCALE 3/4" = 1'-0" S3.1



SECTION C
SCALE 3/4" = 1'-0" S3.1



SECTION D
SCALE 3/4" = 1'-0" S3.1



SECTION E
SCALE 3/4" = 1'-0" S3.1

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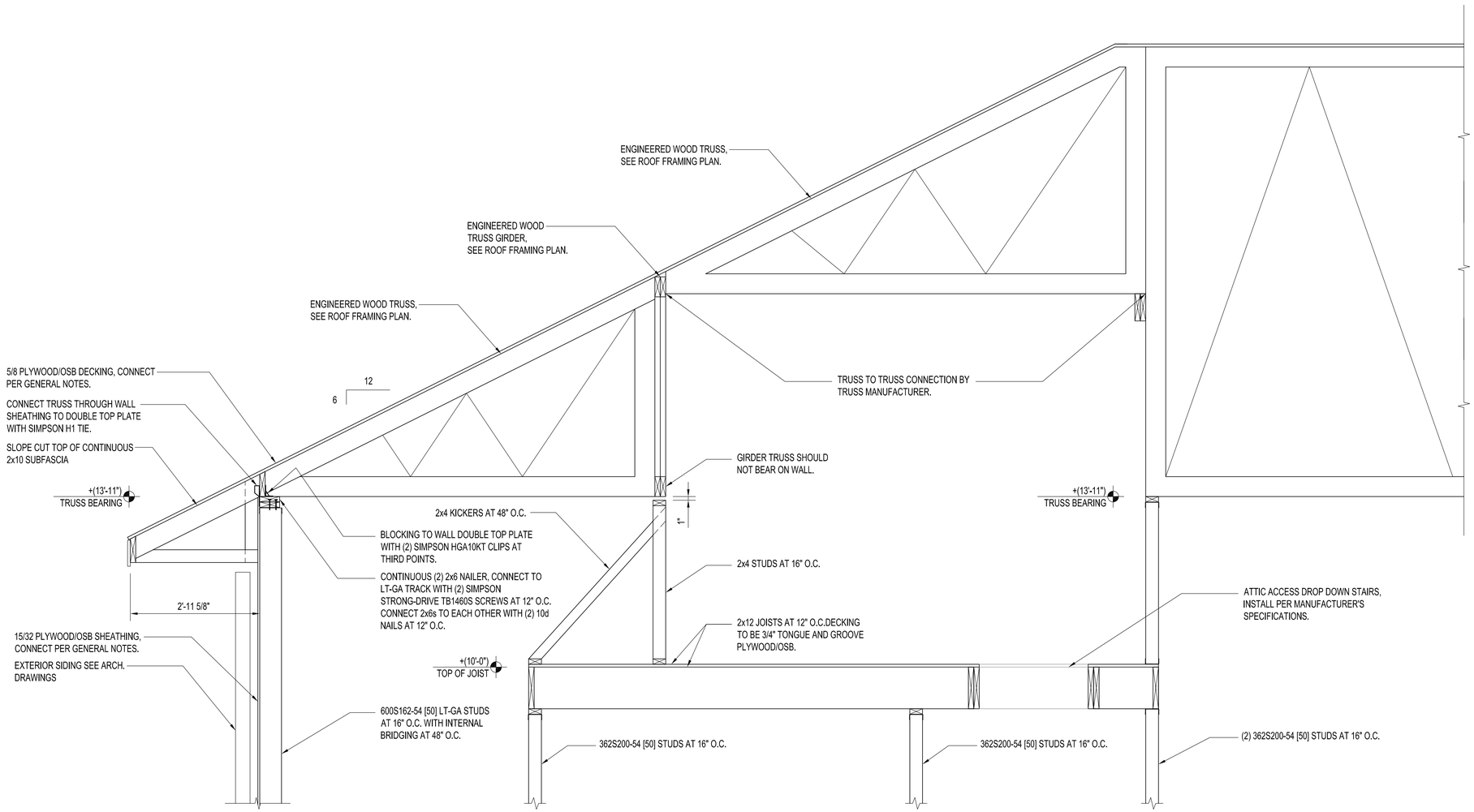

SECTION
SCALE 3/4" = 1'-0"

A
S3.2

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LEVEL 1 SPECIAL INSPECTION

TABLE 1704.5.1

INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA		
	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION	ACI 530/ASCE 5/TMS 402	ACI 530.1/ASCE 6/TMS 602
1. As masonry construction begins, the following shall be verified to ensure compliance:					
a. Proportions of site-prepared mortar.	-	X	-	-	Art. 2.6A
b. Construction of mortar joints.	-	X	-	-	Art. 3.3B
c. Location of reinforcement, connectors, prestressing tendons and anchorages.	-	X	-	-	Art. 3.4, 3.6A
d. Prestressing technique.	-	X	-	-	Art. 3.6B
e. Grade and size of prestressing tendons and anchorages.	-	X	-	-	Art. 2.4B, 2.4H
2. The inspection program shall verify:					
a. Size and location of structural elements.	-	X	-	-	Art. 3.3G
b. Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction.	-	X	-	Sec.1.2.2(e), 2.1.4, 3.1.6	-
c. Specified size, grade and type of reinforcement.	-	X	-	Sec. 1.13	Art. 2.4, 3.4
d. Welding of reinforcing bars.	X	-	-	Sec. 2.1.10.7.2, 3.3.3.4(b)	-
e. Protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F).	-	X	Sec. 2104.3, 2104.4	-	Art. 1.8C, 1.8D
f. Application and measurement of prestressing force.	-	X	-	-	Art. 3.6B
3. Prior to grouting, the following shall be verified to ensure compliance:					
a. Grout space is clean.	-	X	-	-	Art. 3.2D
b. Placement of reinforcement and connectors and prestressing tendons and anchorages.	-	X	-	Sec. 1.13	Art. 3.4
c. Proportions of site-prepared grout and prestressing grout for bonded tendons.	-	X	-	-	Art. 2.6B
d. Construction of mortar joints.	-	X	-	-	Art. 3.3B
4. Grout placement shall be verified to ensure compliance with code and construction document provisions.	X	-	-	-	Art 3.5
a. Grouting of prestressing bonded tendons.	X	-	-	-	Art. 3.6C
5. Preparation of any required grout specimens, mortar specimens and/or prisms shall be observed.	X	-	Sec. 2105.2.2, 2105.3	-	Art. 1.4
6. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.	-	X	-	-	Art. 1.5

REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION

TABLE 1704.4

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD (a)	IBC REFERENCE
1. Inspection of reinforcing steel, including prestressing tendons, and placement.	-	X	ACI 318: 3.5, 7.1-7.7	1913.4
2. Inspection of reinforcing steel welding in accordance with Table 1704.3, Item 5b.	-	-	AWS D1.4 CI 318: 3.5.2	-
3. Inspect bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased.	X	-	-	1911.5
4. Verifying use of required design mix.	-	X	ACI 318: Ch. 4, 5.2-5.4	1904.2.2, 1913.2, 1913.3
5. At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	X	-	ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8	1913.1
6. Inspection of concrete and shotcrete placement for proper application techniques.	X	-	ACI 318: 5.9, 5.10	1913.6, 1913.7, 1913.8
7. Inspection for maintenance of specified curing temperature and techniques.	-	X	ACI 318: 5.11-5.13	1913.9
8. Inspection of prestressed concrete:				
a. Application of prestressing forces.	X	-	ACI 318: 18.20 ACI 318: 18.18.4	-
b. Grouting of bonded prestressing tendons in the seismic-force-resisting system.	X	-		-
9. Erection of precast concrete members.	-	X	ACI 318: Ch. 16	-
10. Verification of in-situ concrete strength, prior to stressing of tendons in posttensioned concrete and prior to removal of shores and forms from beams and structural slabs.	-	X	ACI 318: 6.2	-
11. Inspect formwork for shape, location and dimensions of the concrete member being formed.	-	X	ACI 318: 6.1.1	-

REQUIRED VERIFICATION AND INSPECTION OF SOILS

TABLE 1704.7

VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
1. Verify materials below footings are adequate to achieve the design bearing capacity.	-	X
2. Verify excavations are extended to proper depth and have reached proper material.	-	X
3. Perform classification and testing of controlled fill materials.	-	X
4. Verify use of proper materials, densities and lift thicknesses during placement and compaction of controlled fill.	X	-
5. Prior to placement of controlled fill, observe subgrade and verify that site has been prepared properly.	-	X

STATEMENT OF SPECIAL INSPECTIONS

Project:
Project Address:
Permit Applicant:
Applicant Address:
Owner:
Owner Address:

Registered Design Professionals (RDP):

Architect*
Geotechnical Engineer:
Structural Engineer:
Mechanical Engineer:
Electrical Engineer:

This statement of special Inspections is submitted as a condition for permit issuance in accordance with Chapter 17 of the International Building Code. It includes a *Schedule of Special Inspections* applicable to the above referenced project as well as the identity of the individuals, agencies, or firms intended to be retained for conducting these inspections.

The Special Inspector(s) shall keep records of all inspections and shall furnish interim inspection reports to the building official and to the registered design professional in responsible charge at a frequency agreed upon by the permit applicant and building official prior to the start of work. Discrepancies shall be brought to the immediate attentions of the contractor for correction. If the discrepancies are not corrected the discrepancies shall be brought to the attention of the building official and the registered design professional in responsible charge prior to completion of that phase of work. A *Final Report of Special Inspections* documenting required inspections and correction of any discrepancies noted in the inspections shall be submitted by each agent at the completion of that phase of work.

Maximum frequency of interim report submittals shall be less than weekly.

The Special Inspection program does not relieve the contractor of the responsibility to comply with the Contract Documents. Jobsite safety and means and methods of construction are solely the the responsibility of the Contractor.

Owner's Acknowedgement:

Signature Date

Building Official's Acceptance:

Signature Date

Permit No.

Frequency of interim report submittals to building official:
❑ Monthly ❑ Bi-Monthly ❑ Upon Completion ❑ Per Attached Schedule

RDP in Responsible Charge

FINAL REPORT OF SPECIAL INSPECTIONS

Project:
Project Address:
Testing / Inspection Agent:
Testing / Inspection Agent Address:
Scope of Testing / Inspections:

To the best of my information, knowedge, and bellief, the special inspections or testing required for this project, and designated for this Agent in the *Schedule of Special Inspections* submitted for permit, have been completed in accordance with the contract documents.

Interim reports submitted prior to this final report and numbered [redacted] to [redacted], form a basis for, and are to be considered an integral part of this final report. The following discrepancies that were outstanding since the last interim report dated [redacted] have been corrected:

(Attache 8 1/2" X 11" continuation sheet(s) if required to complete the description of corrections)

Prepared By:

Type or print name

Signature Date

Special Inspector's Seal

(*Licensed Professional Engineer*)

PRM STRUCTURAL ENGINEERS
P.R. Matthewson & Associates Engineers, Inc.
120 Holmes Ave., Suite 122, Huntsville, AL 35801
Phone: (256) 652-6816
Project No.: 1749

ALABAMA No. 23391 PROFESSIONAL ENGINEER P. R. MATTHEWSON 11-30-17

LAMBERT • EZELL • DURHAM ARCHITECTURE, LLC
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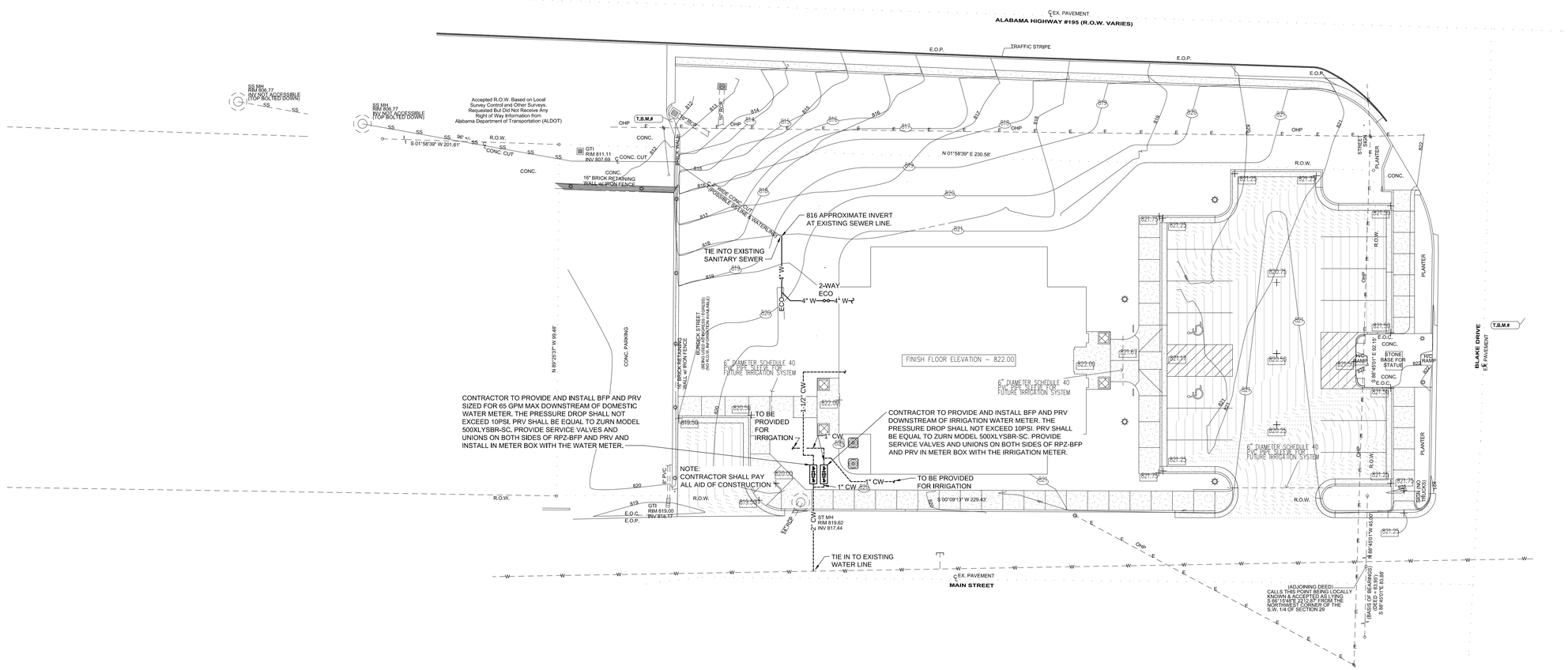
BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

DATE 11/30/2017
REVISED
REVISED

JOB NO. 1744
DRAWN JEK
CHECKED PRM

DRAWING TITLE
SPECIAL INSPECTIONS

DRAWING NUMBER
S4.0
OF 10



PLUMBING SITE PLAN

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

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

0 8' 16' 32' 48' 64'

mds
Mechanical Design Services, Inc.
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JOB NO.	1612	DATE	11/30/17
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CHECKED	JNE	REVISED	

DRAWING TITLE
PLUMBING SITE PLAN

DRAWING NUMBER
P-1.0
OF 4

ALABAMA LICENSED PROFESSIONAL ENGINEER JOHNNY N. ECHOLS 11/30/17

File Name@@DWGFULLNAME
Plot Date@PLTDATE Plot Time@PLTTIME

GENERAL PLUMBING NOTES

1. THESE DRAWINGS ARE DIAGRAMMATICAL ONLY AND ARE AN INTERPRETATION ON HOW TO INSTALL SYSTEM COMPONENTS AS INTENDED AND SHOWN ON FLOOR PLAN DRAWINGS IN A MANNER TO ELIMINATE CONFLICTS BETWEEN OTHER TRADES AND ALLOW FOR CLEARANCES, ETC. THEY MAY BE REQUIRED TO BE SHIFTED AS DETERMINED BY FIELD CONDITIONS. REFER TO ALL FLOOR PLAN DRAWINGS FOR NOTATIONS, SIZES, ETC. THE DRAWINGS DO NOT SHOW ALL COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION (HANGERS, INSULATION, ETC.). IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL MATERIALS AND LABOR NECESSARY TO INSTALL THE FIXTURES, EQUIPMENT, PIPING, ETC. TO MEET THE INTENT OF THE DRAWINGS. REFER TO ENTIRE CONTRACT DOCUMENT SET FOR ALL COMPONENTS REQUIRED (FLOOR PLAN DRAWINGS, SPECIFICATIONS, SCHEDULES, DETAILS, ETC.).
2. THIS CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL DRAWINGS AND SPECIFICATIONS OF ALL DISCIPLINES FOR ANY AND ALL WORK THAT WILL IMPACT THIS CONTRACTOR AND WILL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO PROVIDE SAID WORK.
3. CERTAIN AREAS WILL REQUIRE EXTENSIVE COORDINATION BETWEEN ALL TRADES. CONTRACTOR(S) SHALL COORDINATE PRIOR/DURING CONSTRUCTION TO ELIMINATE ANY CONFLICTS.
4. THE BOTTOM OF ALL PIPING TO BE COORDINATED WITH ROOM FINISH SCHEDULE FOR CEILING HEIGHTS AND SHALL BE A MINIMUM OF 6" ABOVE THE CEILING GRID. ALL SERVICEABLE ITEMS SUCH AS EQUIPMENT, VALVES, CIRCUIT SETTERS, ETC. SHALL BE LOCATED NO MORE THAN 24" ABOVE THE CEILING GRID.
5. SLEEVE ALL FOUNDATION WALL PENETRATIONS WITH SCH. 40 SLEEVE 2 PIPE SIZES LARGER THAN SERVICE PIPE.

PLUMBING FIXTURE CONNECTION SCHEDULE

Fixture Symbol	Type of Fixture	Connection sizes			
		Waste	CW	HW	HWR
P-1	ADA Floor Mount Flush Tank Water Closet	4"	1/2"		
P-2	ADA Lavatory	2"	1/2"	1/2"	
P-3	Bi-level Electric Water Cooler	2"	1/2"		
P-4	Kitchen 2 Compartment Sink	2"	1/2"	1/2"	
P-5	Mop Sink	3"	3/4"	3/4"	
P-6	Icemaker Wall Box				
P-7	Exterior Hydrant		3/4"		
P-8	Water Heater		1-1/4"	1-1/4"	3/4"
P-9	Circulation Pump				1"
P-10	Trench Drain	3"			
P-11	Recessed Floor Drain	3"			
WCO	Wall Cleanout				
ECO	Exterior Cleanout				

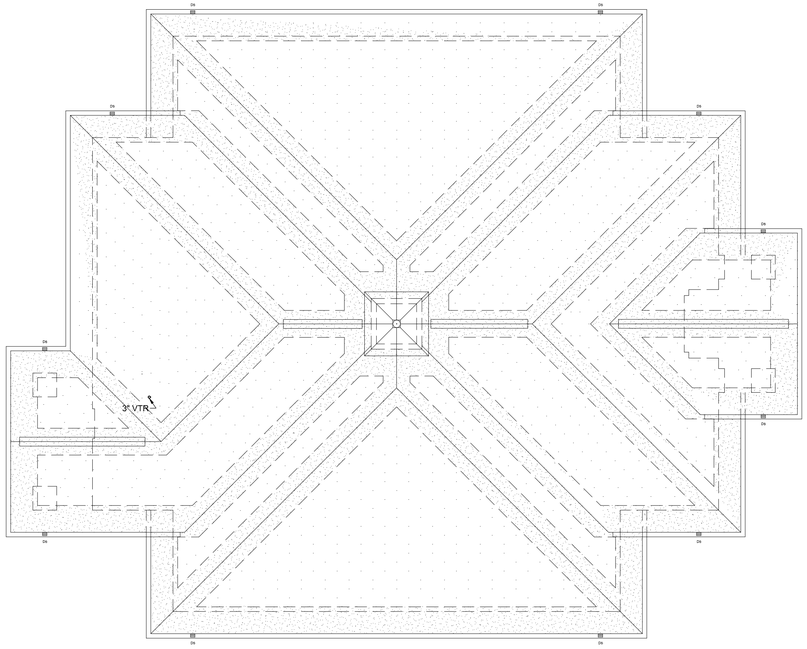
Notes:
1. Coordinate mounting height of all wall mounted fixtures with the Architectural Drawings.

PLUMBING SYMBOL LEGEND

- = NEW WORK (EQUIPMENT, PIPE, ETC.)
- = COLD WATER PIPING ABOVE GRADE
- = HOT WATER PIPING ABOVE GRADE
- = HOT WATER RETURN PIPING ABOVE GRADE
- = COLD OR HOT WATER PIPING BELOW GRADE
- = WASTE / RAIN WATER PIPING
- = VENT PIPING

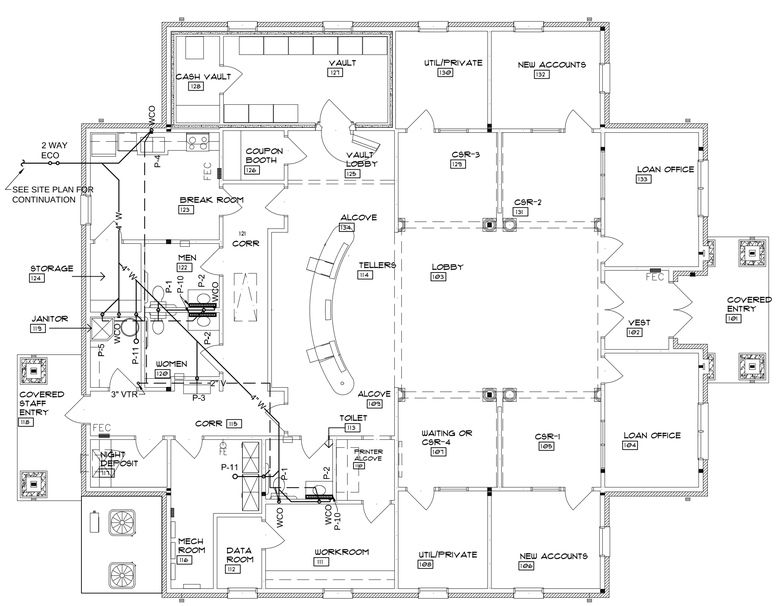
PLUMBING NOTATION LEGEND

CO = CLEAN OUT
CW = COLD WATER
ECO = EXTERIOR CLEANOUT
HW = HOT WATER
HWR = HOT WATER RETURN
W = WASTE



NEW CONSTRUCTION - WASTE AND VENT
PLUMBING ROOF PLAN
SCALE: 1/8" = 1'-0"

NEW CONSTRUCTION - DOMESTIC WATER
PLUMBING FLOOR PLAN
SCALE: 1/8" = 1'-0"



NEW CONSTRUCTION - WASTE AND VENT
PLUMBING FLOOR PLAN
SCALE: 1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"
0 4' 8' 16' 24' 32'

ALABAMA LICENSED PROFESSIONAL ENGINEER
11/30/17
JOHNNY N. ECHOLS

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BRANCH BANK FOR
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JOB NO.	1612
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CHECKED	JNE
DATE	11/30/17
REVISED	
REVISED	

DRAWING TITLE
PLUMBING FLOOR & ROOF PLAN

DRAWING NUMBER
P-2.0
OF 4

File Name@@DWGFULLNAME
Plot Date:@PLTDATE Plot Time@PLTTIME

PLUMBING FIXTURE CONNECTION SCHEDULE

Fixture Symbol	Type of Fixture	Connection sizes			
		Waste	CW	HW	HWR
P-1	ADA Floor Mount Flush Tank Water Closet	4"	1/2"		
P-2	ADA Lavatory	2"	1/2"	1/2"	
P-3	Bi-level Electric Water Cooler	2"	1/2"		
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P-5	Mop Sink	3"	3/4"	3/4"	
P-6	Icemaker Wall Box				
P-7	Exterior Hydrant		3/4"		
P-8	Water Heater		1-1/4"	1-1/4"	3/4"
P-9	Circulation Pump				1"
P-10	Trench Drain	3"			
P-11	Recessed Floor Drain	3"			
WCO	Wall Cleanout				
ECO	Exterior Cleanout				

Notes:
1. Coordinate mounting height of all wall mounted fixtures with the Architectural Drawings.

WATER HAMMER ARRESTOR SCHEDULE

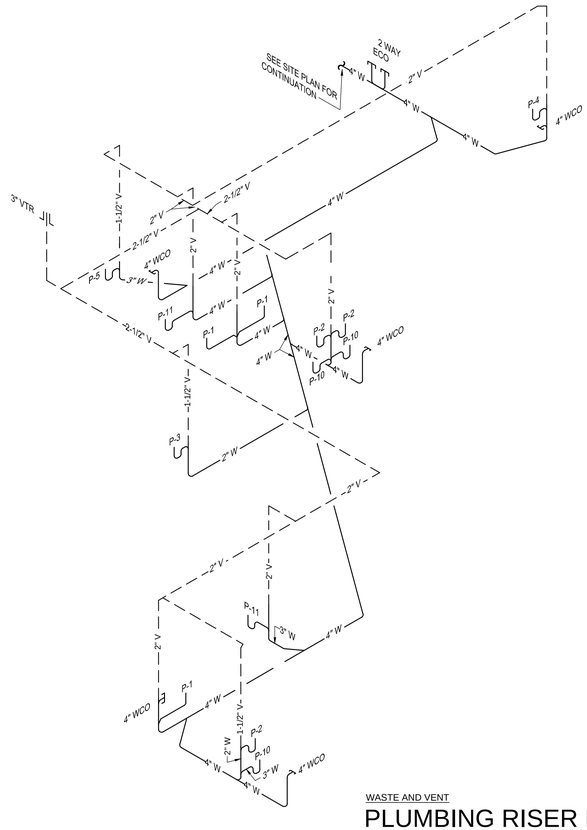
Mark	Manufacturer	Series	Size	Fixture Unit Capacity	Connection Size
WHA-A	Sioux Chief	650	100	1 - 11	3/4"
WHA-B	Sioux Chief	650	200	12 - 32	3/4"
WHA-C	Sioux Chief	650	300	33 - 60	1"
WHA-D	Sioux Chief	650	400	61 - 113	1"
WHA-E	Sioux Chief	650	500	114 - 154	1"
WHA-F	Sioux Chief	650	600	155 - 330	1"

Notes:
1. Water hammer arrestors have been shown generally on the piping diagrams. The Plumbing Contractor shall be responsible for installing additional arrestors as necessary conforming to IPC, Local Code and the manufacturer's installation requirements based on the length of pipe and the total quantity of fixture units on each branch line.
2. Arrestors specified are rated for the required test pressures of the hot and cold water piping systems. All arrestors shall be installed when piping is tested.
3. Provide an isolation valve under every arrestor installed.

DOMESTIC HOT AND COLD

PLUMBING RISER DIAGRAM

NOT TO SCALE



WASTE AND VENT

PLUMBING RISER DIAGRAM

NOT TO SCALE

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DOUBLE SPRINGS, ALABAMA

JOB NO.	1612	DATE 11/30/17
DRAWN	WBJ	REVISED
CHECKED	JNE	REVISED

DRAWING TITLE
PLUMBING RISER DIAGRAMS

DRAWING NUMBER
P-3.0
OF 4

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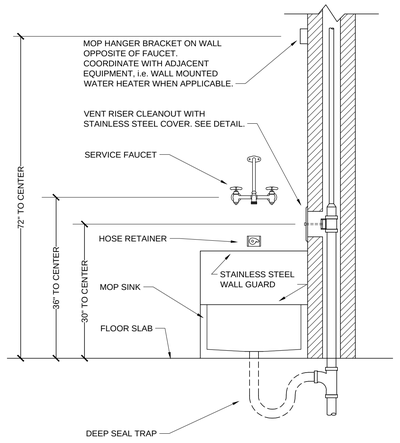
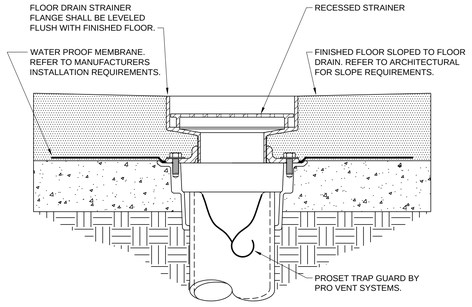


MOP SINK INSTALLATION DETAIL

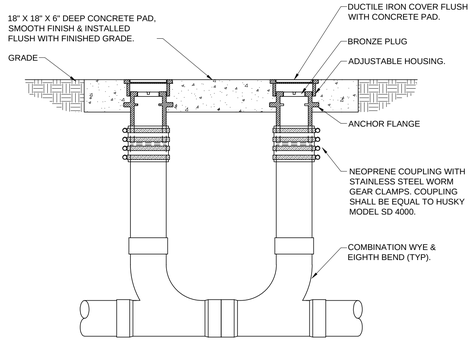
NOT TO SCALE



FLOOR ON GRADE - RECESSED STRAINER

FLOOR DRAIN DETAIL

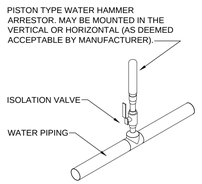
NOT TO SCALE



TWO WAY

EXTERIOR CLEANOUT DETAIL

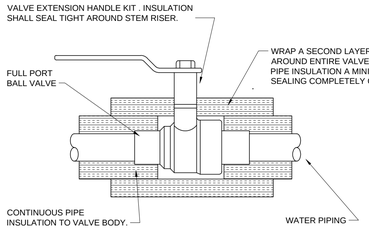
NOT TO SCALE



DOMESTIC WATER

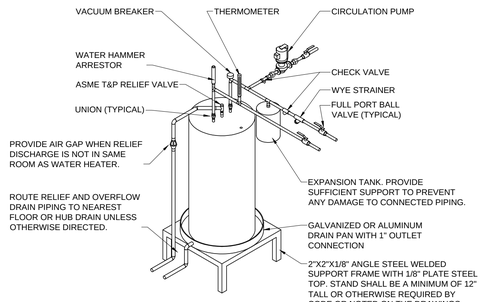
WATER HAMMER ARRESTOR DETAIL

NOT TO SCALE



SERVICE VALVE DETAIL

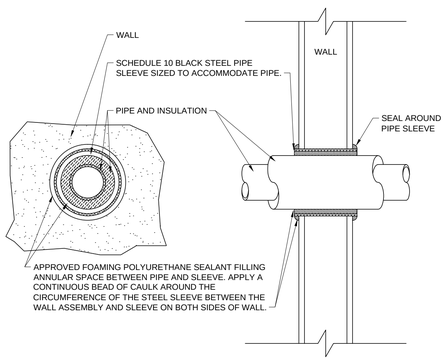
NOT TO SCALE



STAND MOUNT

WATER HEATER DETAIL

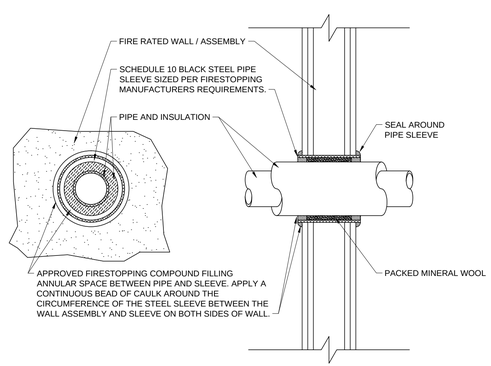
NOT TO SCALE



NON RATED WALL / ASSEMBLY

PIPE SLEEVE DETAIL

NOT TO SCALE



RATED U.L. LISTED WALL / ASSEMBLY

PIPE SLEEVE DETAIL

NOT TO SCALE

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DOUBLE SPRINGS, ALABAMA

JOB NO. 1612 DATE 11/30/17
DRAWN IJBJ REVISED
CHECKED JNE REVISED

DRAWING TITLE
PLUMBING DETAILS

DRAWING NUMBER
P-4.0
OF 4

Mechanical Design Services, Inc.
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ALABAMA LICENSED PROFESSIONAL ENGINEER JOHNNY N. ECHOLS 11/30/17

File Name@@DWGFULLNAME
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NOTE:
THIS DRAWING IS DIAGRAMMATICAL ONLY AND IS AN INTERPRETATION ON HOW TO INSTALL SYSTEM COMPONENTS AS INTENDED AND SHOWN ON FLOOR PLAN DRAWINGS IN A MANNER TO ELIMINATE CONFLICTS BETWEEN OTHER TRADES AND ALLOW FOR CLEARANCES, ETC. REFER TO ALL FLOOR PLAN DRAWINGS FOR NOTATIONS, SIZES, ETC. THIS DRAWING DOES NOT SHOW ALL COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION. REFER TO ENTIRE CONTRACT DOCUMENT SET FOR ALL COMPONENTS REQUIRED (FLOOR PLAN DRAWINGS, SPECIFICATIONS, SCHEDULES, ETC.).

GENERAL MECHANICAL NOTES

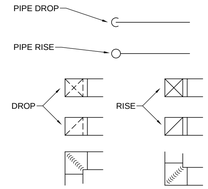
1. THIS CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL DRAWINGS AND SPECIFICATIONS OF ALL DISCIPLINES FOR ANY AND ALL WORK THAT WILL IMPACT THIS CONTRACTOR AND WILL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO PROVIDE SAID WORK.
2. CERTAIN AREAS WILL REQUIRE EXTENSIVE COORDINATION BETWEEN ALL TRADES. CONTRACTOR(S) SHALL COORDINATE PRIOR/DURING CONSTRUCTION TO ELIMINATE ANY CONFLICTS.
3. THE LOCATION OF ALL CEILING MOUNTED AIR DISTRIBUTION DEVICES SHALL BE COORDINATED WITH THE ARCHITECTURAL REFLECTED CEILING PLAN AND SHALL AVOID CONFLICT WITH ALL CEILING DEVICES, MOUNTED LIGHTS, PROJECTORS, ETC.
4. ALL DUCT SIZES INDICATED ON THE DRAWINGS ARE FOR THE CLEAR INSIDE DIMENSION. CONTRACTOR SHALL INCREASE DUCT SIZE IF INTERIOR DUCT INSULATION IS CALL FOR ON THE DRAWINGS.
5. THE BOTTOM OF ALL DUCTWORK AND PIPING TO BE COORDINATED WITH ROOM FINISH SCHEDULE FOR CEILING HEIGHTS AND SHALL BE A MINIMUM OF 6" ABOVE THE CEILING GRID. ALL SERVICEABLE ITEMS SUCH AS EQUIPMENT, DAMPERS, CONTROL DEVICES, ETC. SHALL BE LOCATED NO MORE THAN 24" ABOVE THE CEILING GRID.
6. ALL DUCTS AND PIPING INDICATED ON THE DRAWINGS ARE DIAGRAMMATIC ONLY. THEY MAY BE REQUIRED TO BE SHIFTED, OFFSET OR INSTALLED HIGH IN BETWEEN THE JOISTS AS DETERMINED BY FIELD CONDITIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL MATERIALS AND LABOR NECESSARY TO INSTALL THE PIPING AND DUCTS TO MEET THE INTENT OF THE DRAWINGS.
7. ROUND BRANCH RUN-OUTS TO AIR DISTRIBUTION DEVICES ARE TO BE ENTIRELY SHEET METAL WITH THE EXCEPTION THAT UP TO FIVE FEET OF FLEX DUCT MAY BE USED ON EACH BRANCH UNLESS OTHERWISE INDICATED. ALL FLEX DUCT SHALL BE SUPPORTED INDEPENDENT OF THE CEILING, PIPING, CONDUITS, OTHER DUCTS, ETC. AND SHALL BE SUPPORTED IN SUCH A WAY AS TO AVOID KINKING OR OBSTRUCTION OF AIR FLOW.
8. THE MECHANICAL CONTRACTOR SHALL INSTALL CONDENSATE TRAPS AND INSTALL THE CONDENSATE DRAIN LINES OVER TO THE NEAREST DRAIN. NO PREFORMED TRAPS SHALL BE ALLOWED. PROVIDE REMOVABLE CLEAN OUT TEES AT TOP AND BOTTOM OF TRAP. CONDENSATE DRAINS SHALL BE SUPPORTED AT PROPER INTERVALS PER PVC MANUFACTURES REQUIREMENTS AND AT ALL ELBOWS TO PREVENT SAGGING. MINIMUM CONDENSATE DRAIN SIZE SHALL BE 3/4".
9. THE SYSTEMS ANALYSIS FORMS SHALL BE FILLED OUT BY THE MECHANICAL CONTRACTOR FOR EVERY PIECE OF APPLICABLE EQUIPMENT. AFTER ALL SYSTEMS ANALYSIS FORMS HAVE BEEN COMPLETED, THE MECHANICAL CONTRACTOR SHALL PROVIDE A QUALIFIED TECHNICIAN AND ALL NECESSARY TOOLS AND EQUIPMENT TO ACCOMPANY THE ENGINEER TO VERIFY PIECES OF EQUIPMENT FOR FORM ACCURACY. IF AN ANALYSIS FORM IS FOUND INACCURATE, THE MECHANICAL CONTRACTOR SHALL CORRECT ALL WORK. AFTER WORK IS CORRECTED, SYSTEMS WILL BE VERIFIED BY THE ENGINEER WITH A TECHNICIAN FROM THE MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR WILL PROVIDE ALL REQUIRED TOOLS AND DEVICES AND SERVICES UNTIL ALL WORK IS CORRECT PER DRAWINGS AND MANUFACTURER'S REQUIREMENTS.

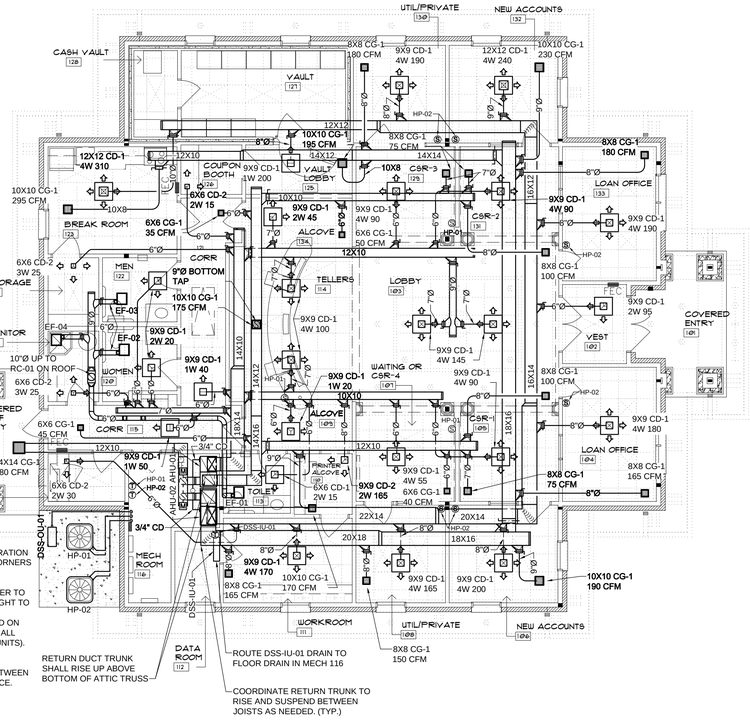
MECHANICAL NOTATION LEGEND

- CD = CONDENSATE DRAIN (PIPING)
- M = MOTORIZED DAMPER
- S = TEMPERATURE SENSOR
- T = THERMOSTAT

MECHANICAL SYMBOL LEGEND

- = NEW WORK (DUCT, EQUIPMENT, PIPE, ETC.)
- = MANUAL VOLUME DAMPER
- = MOTORIZED DAMPER
- = SENSOR OR THERMOSTAT
- = SUPPLY DROP / RISE
- = RETURN DROP / RISE
- = EXHAUST DROP / RISE





NOTE:
PROVIDE RUBBER IN SHEAR VIBRATION ISOLATORS UNDER ALL FOUR CORNERS OF PAD MOUNTED EQUIPMENT.

ROUTE HARD DRAWN ACR COPPER TO INDOOR UNIT. PIPING TO RISE TIGHT TO WALL. PROVIDE 3/4" ARMAFLEX INSULATION ON VAPOR LINE (AND ON LIQUID LINE FOR DSS-01). MITER ALL JOINTS. (TYPICAL AT ALL SPLIT UNITS). SEE LINE SET ROUGH IN DETAIL.

PROVIDE A MINIMUM OF 3'-0" BETWEEN UNITS AND BUILDING FOR SERVICE.

RETURN DUCT TRUNK SHALL RISE UP ABOVE BOTTOM OF ATTIC TRUSS

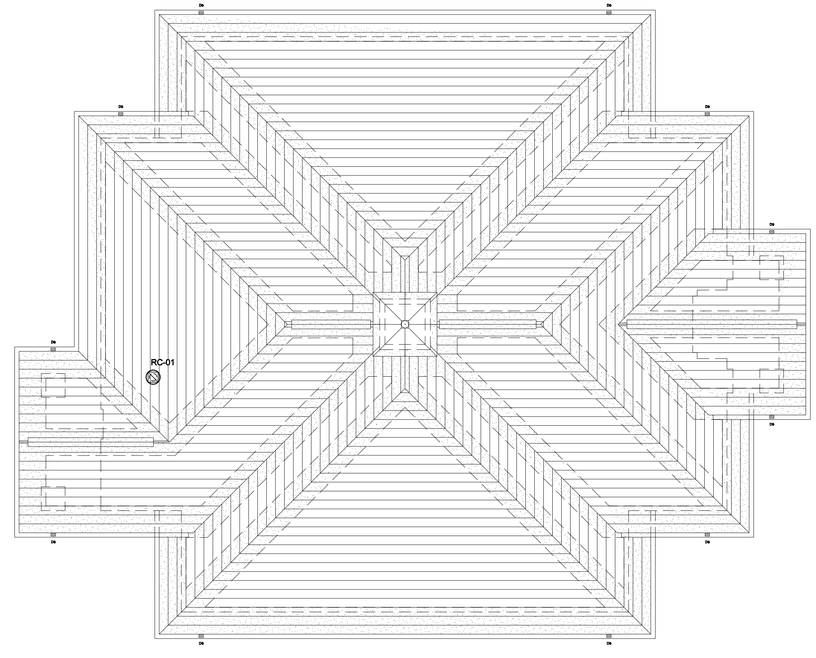
ROUTE DSS-IU-01 DRAIN TO FLOOR DRAIN IN MECH 116

COORDINATE RETURN TRUNK TO RISE AND SUSPEND BETWEEN JOISTS AS NEEDED. (TYP.)

NEW CONSTRUCTION

MECHANICAL FLOOR PLAN

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



NEW CONSTRUCTION

MECHANICAL ROOF PLAN

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

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

0 4' 8' 16' 24' 32'

ALABAMA LICENSED PROFESSIONAL ENGINEER
11/30/17
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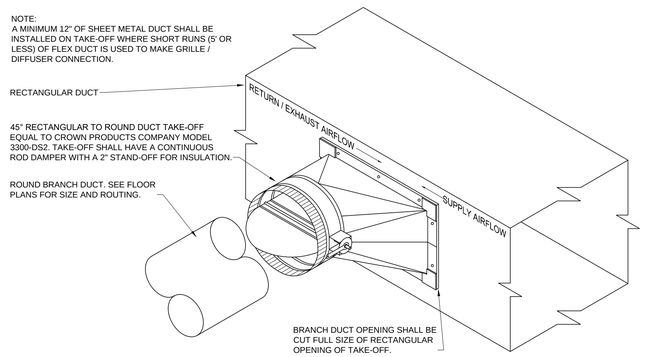
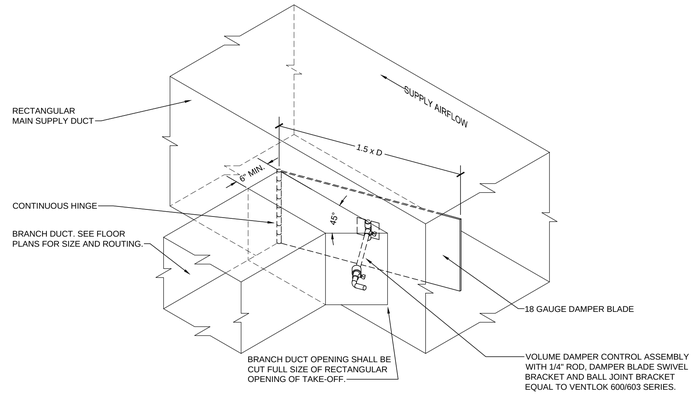
NOTE:
A MINIMUM 12" OF SHEET METAL DUCT SHALL BE INSTALLED ON TAKE-OFF WHERE SHORT RUNS (5' OR LESS) OF FLEX DUCT IS USED TO MAKE GRILLE / DIFFUSER CONNECTION.

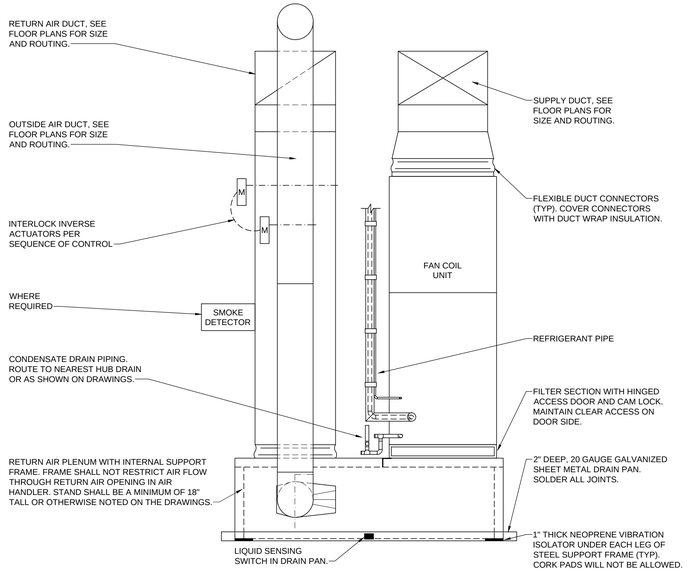


RECTANGULAR TO ROUND 45°
DUCT TAKE-OFF DETAIL
NOT TO SCALE



ADJUSTABLE
VOLUME DAMPER DETAIL
NOT TO SCALE

NOTE:
PLENUM & FRAME SHALL BE SIZED TO ACCOMMODATE THE AIR HANDLER AND DUCT CONNECTIONS AS INDICATED ON THE FLOOR PLANS. SUPPORT FRAME SHALL BE CONSTRUCTED WITH 2" X 2" X 1/8" STEEL ANGLE FRAMING WITH ALL WELDED CONNECTIONS. PROVIDE ADDITIONAL ANGLE SUPPORTS ALONG THE EDGE OF THE AIR HANDLER AND AS NEEDED TO SUPPORT PLENUM BOX. COMPLETELY COVER THE FRAME ON ALL SIDES WITH 22 GAUGE GALVANIZED SHEET METAL. STEEL SHALL BE CLEANED AND COATED WITH TWO COATS OF RUST INHIBITING PRIMER. WHERE PRE-PRIMED STEEL IS USED, PRIMER SHALL BE APPLIED OVER THE CUT ENDS. ALL WELDED STEEL SHALL BE WIRE BRUSHED TO REMOVE ANY SCALE, GROUND SMOOTH WHERE NECESSARY AND THEN PRIMED.

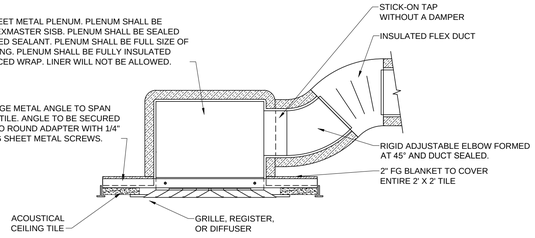


VERTICAL STAND MOUNT
AIR HANDLING UNIT MOUNTING DETAIL
NOT TO SCALE

NOTE:
FOIL TAPE ALL INSULATION SEAMS TO PROVIDE A VAPOR BARRIER.

26 GAUGE SHEET METAL PLENUM. PLENUM SHALL BE EQUAL TO FLEXMASTER SISB. PLENUM SHALL BE SEALED WITH SPECIFIED SEALANT. PLENUM SHALL BE FULL SIZE OF GRILLE OPENING. PLENUM SHALL BE FULLY INSULATED WITH FOIL FACED WRAP. LINER WILL NOT BE ALLOWED.

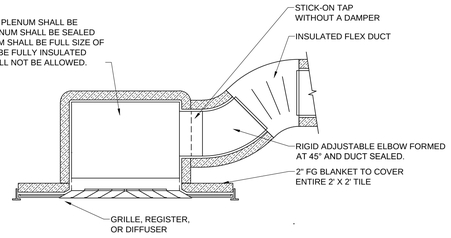
2" X 2" 24 GAUGE METAL ANGLE TO SPAN ENTIRE 2' X 2' TILE. ANGLE TO BE SECURED TO SQUARE TO ROUND ADAPTER WITH 1/4" SELF TAPPING SHEET METAL SCREWS.



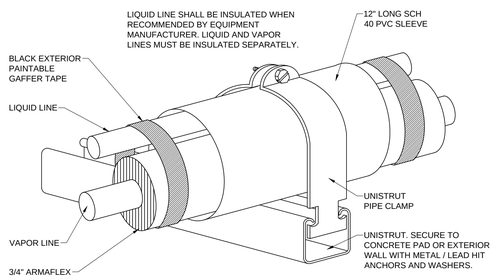
2X2 A.C.T. SURFACE MOUNTED
GRILLE / REGISTER / DIFFUSER DETAIL
NOT TO SCALE

NOTE:
FOIL TAPE ALL INSULATION SEAMS TO PROVIDE A VAPOR BARRIER.

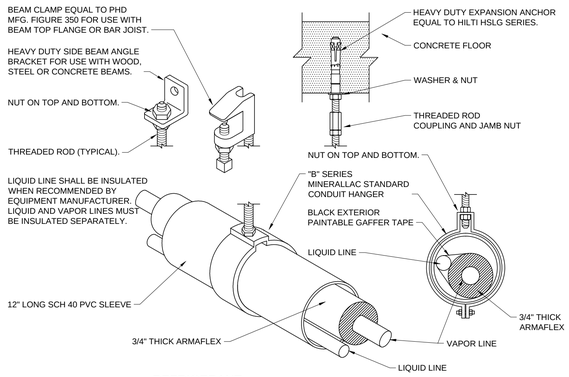
26 GAUGE SHEET METAL PLENUM. PLENUM SHALL BE EQUAL TO FLEXMASTER SISB. PLENUM SHALL BE SEALED WITH SPECIFIED SEALANT. PLENUM SHALL BE FULL SIZE OF GRILLE OPENING. PLENUM SHALL BE FULLY INSULATED WITH FOIL FACED WRAP. LINER WILL NOT BE ALLOWED.



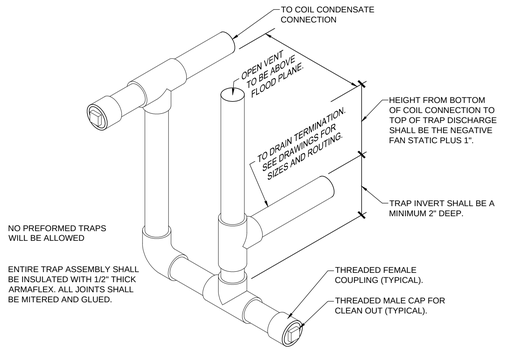
ACOUSTICAL CEILING LAY-IN
GRILLE / REGISTER / DIFFUSER DETAIL
NOT TO SCALE



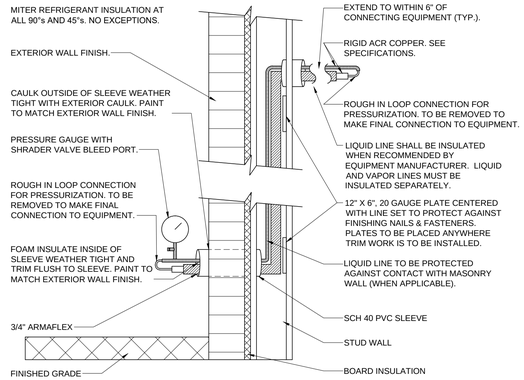
REFRIGERANT
EXTERIOR PIPE SUPPORT DETAIL
NOT TO SCALE



REFRIGERANT
PIPE HANGER DETAIL
NOT TO SCALE



CONDENSATE DRAIN TRAP DETAIL
NOT TO SCALE



NOTE:
LINE SET TO BE RUN WITHIN 6" OF EACH PIECE OF CONNECTING EQUIPMENT AND CHARGED WITH NITROGEN TO A STATIC PRESSURE OF 150 PSI THROUGHOUT DURATION OF CONSTRUCTION. 36 HOURS PRIOR TO THE FINAL CONNECTION TO THE EQUIPMENT, THE LINE SET WILL BE EVACUATED AND RE-CHARGED TO 150 PSI WITH NITROGEN AND GRAPHED FOR 24 HOURS. THE LINE SET INCLUDES ALL REFRIGERANT PIPING, VAPOR LINE, LIQUID LINE, HOT GAS, ETC.

STUD WALL
LINE SET ROUGH IN DETAIL
NOT TO SCALE

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BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

JOB NO.	1612
DRAWN	IJBJ
CHECKED	JNE
DATE	11/30/17
REVISED	
REVISED	

mds
Mechanical Design Services, Inc.
100 Church Street SW, Suite 650
Huntsville, AL 35801
(256) 534-5150 mds@mdseng.com

DRAWING TITLE
MECHANICAL DETAILS

DRAWING NUMBER
M-2.0
OF 3

File Name@@DWGFULLNAME
Plot Date@PLTDATE Plot Time@PLTTIME

DX System Analysis Form				
Project:				
Date:				
Architect:				
Mechanical Contractor:				
System Mark				
System Manufacturer				
System Model Number				
System Serial Number				
Heating Type	Heat Pump	Gas	Hot Water	Electric
Reheat Type	Hot Gas	Hot Water	Electric	N/A
Outdoor Temperature @ Outdoor Coil				
Outdoor Coil Leaving Temperature				
Indoor Temperature				
Indoor Relative Humidity				
Mixed Air Temperature Entering Indoor Coil				
Supply Air Temperature @ The Unit Discharge				
Supply Air Temperature @ The Farthest Supply Grille				
Refrigerant Type				
Suction Pressure				
Suction Line Temperature @ Compressor				
Discharge Pressure				
Discharge Line Temperature @ Compressor				
Liquid Line Pressure				
Liquid Line Temperature @ Condenser				
Superheat				
Subcooling				
Discharge Superheat				
Heating Entering and Leaving Air Temperature				
Inlet Gas Pressure				
Manifold Gas Pressure				
Electric Heat kW				
Amps per Heating Element				
Total Electric Heat Amps				
Discharge Air Temperature with Reheat Operational				
Supply Air CFM				
Return Air CFM (Occ, UnOcc)				
Outside Air CFM (Occ, UnOcc)				

This shall be filled out in heating, cooling & dehumidification modes for every piece of DX equipment. Outdoor ambient shall be 80°F minimum for cooling readings and 50°F or below for heating readings.

SPLIT HEAT PUMP SYSTEM SCHEDULE		
System		
Outside Air CFM		
Minimum	295	185
Maximum	295	185
SEER / EER @ ARI	15.5 / 13.0	15.0 / 12.0
Total Net Capacity at ARI, MBH	41.9	57.30
Sensible Net Capacity at ARI, MBH	30.5	40.3
EAT db./wb., °F	80.8 / 67.1	77.6 / 65.3
LAT db./wb., °F	57.7 / 56.4	58.9 / 56.0
Air Handling Unit		
Mark	AHU-01	AHU-02
Manufacturer	Carrier	Carrier
Model	FVACNF005	FVACNB006
Supply Fan		
Supply Air, CFM	1,225	2,000
External Static Pressure, In. WG	0.5	0.5
Motor HP	0.5	0.75
Volt/Phase	208/230/1	208/230/1
Auxiliary Electric Heat		
KW (240/3, 208/3)	18.0 / 13.5	24.0 / 18.0
Volt/Phase	208/3	208/3
Indoor Unit Single Point Power Electrical		
Volt/Phase	208/3	208/3
Heater + Motor MCA	55.5	71.2
Heater + Motor Max OCP	60	80
Heat Pump		
Mark	HP-01	HP-02
Manufacturer	Carrier	Carrier
Model	25HCC542	25HCC560
Heat Pump, @ 47°F MBH	41.6	58.0
HSPF	8.5	8.5
MCA	27.6	34.2
Max OCP	40.0	50.0
Volt/Phase	208/230/1	208/230/1
Options	1 through 7	1 through 7
Notes	A, B, C	A, B, C, D

Options:
1) Single point wiring connection
2) Hard shut off TXV
3) ECM blower motor
4) Hail Guard
5) Motormaster Low Ambient Kit, Ball Bearing Condenser Motor & Capacitor / Relay Start Assist
6) Evaporator freeze stat
7) High and Low pressure switches

Notes:
A See Sequence of Control
B Provide condensate overflow pan with liquid switch, 3/4" ball valve with threaded nipple and cap
C 2" Filter housing with piano hinge and cam lock and gasketed seal
D Install return duct mounted smoke detector

ROOF CAP SCHEDULE	
Mark	RC-01
Function	Exhaust
CFM	300
Throat Area, ft²	0.852
Face Area, ft²	1.38
Max. ΔP (in. WG)	0.05
Construction	16 Ga. Marine Alloy Aluminum
Finish	Kynar
Cook Model	PR-12

Notes:
1) Provide prefabricated roof curb with wood nailer and thermal insulation. See Architectural Drawings for roof slope and construction.
2) Submit color chart for architect's selection of the Kynar finish. Finish selection shall be for the cap and roof curb.
3) Provide 1/2" x 1/2" birdsceen

GRILLE, REGISTER AND DIFFUSER SCHEDULE			
Mark	CD-1	CD-2	CG-1
Description	Square Louvered Face Ceiling Diffuser, Square Neck, Fixed Discharge Pattern, Induction Vanes	Square Louvered Face Ceiling Diffuser, Square Neck, Fixed Discharge Pattern, Induction Vanes	Square Louvered Face Ceiling Grille, Square Neck, 35° Deflection
Mounting	Lay-In	Surface	Surface
Material	Aluminum	Aluminum	Aluminum
Finish	Match Ceiling Color	Match Ceiling Color	Match Ceiling / Wall Color
Titus Model	TDV-AA	TDV-AA	350FL
Border Type	Type 3	Type 6	Type 1
Accessories	-	-	-

Notes:
1) Titus has been specified to establish the type and quality of air device to be installed. Prior approved equals must be submitted 10 days prior to bid for consideration.
2) Maximum NC Rating shall not exceed 30.
3) Air devices that are ceiling cut-in type shall be centered in the tile.
4) Ceiling mounted louvered return / exhaust grilles shall be installed with the blades pointed toward the closest wall so that the blades form a view block.
5) Wall mounted return / exhaust grilles shall be installed with the blades pointing toward the floor or ceiling, whichever is nearest, so that the blades form a view block.
6) Internal portion of duct, including inlet plenum box, attached to supply, return, exhaust and transfer grilles shall be blacked out with a dull finish, non-toxic, DTM paint.
7) Grille termination shall be Flexmaster SIDB or prior approved equal unless otherwise specified in schedule above or noted on drawings. See detail for duct to grille, register, diffuser connection.

SEQUENCE OF CONTROL

Provide all necessary equipment, materials, labor, devices, etc. to satisfy the intent of this Sequence of Control.

All controls wiring shall be in EMT conduit with MC flex whips (interior) Sealtight (exterior) no longer than 60" to all devices, equipment, etc. The Controls Contractor shall furnish and install all wall boxes and EMT conduit, with pull string, for all controls wiring including drops to thermostats, sensors and other wall mounted devices.

Heating set points shall be 71°F during Occupied periods and 65°F during Unoccupied periods with a +/- 3°F adjustment. Cooling set points shall be 72°F during Occupied periods and 80°F during Unoccupied periods with a +/- 3°F adjustment. All set points shall be adjustable.

HP-01,02

The System shall be controlled by a Honeywell 8000 Vision Pro with occupancy contacts and averaging sensors as shown on the Drawings. The occupancy contacts will be used as pilot relay to enable a power duty relay to enable / disable the return and outside air actuators. This Contractor shall provide a transformer with appropriate VA to power the return and outside air dampers. The unit's transformer will not be allowed to be used to power the damper actuators. The thermostats occupancy contacts will not be allowed to be used to directly enable / disable the damper actuators. The System shall be enabled during occupied periods. The unit's factory controls shall enable the unit in the heating or cooling mode as required to maintain the space temperature set point(s) as determined by the space temperature sensor. The fan shall be enabled whenever there is a call for heating or cooling and the outside air damper shall open from its closed position to its minimum set point position while the return air damper closes accordingly for proper air balance. The outside air damper shall be fully closed and the return damper open when the fan is disabled.

The space temperature sensor shall also enable the unit during unoccupied periods in the setback mode. The unit shall be enabled in the cooling mode whenever the space temperature exceeds 80°F to maintain the space temperature set point. The unit shall be enabled in the heating mode whenever the space temperature falls below 65°F to maintain the space temperature set point. When the unit is enabled in the night/setback mode, the fan shall be enabled when the unit is either heating or cooling and the outside air damper shall be fully closed at all times in unoccupied mode. Space temperature sensor shall be integrated into the room light system occupancy switch to enable system in occupied mode when in unoccupied time period.

Whenever the unit is disabled, the outside air damper shall be fully closed.

DSS-01

Unit shall be controlled via factory provided wall mounted wired room thermostat.

EF-01,02,03

Fan shall be enabled by the room's light switch. Provide switch type service disconnect at the fan.

EF-04

Fan shall run continuous. Provide switch type service disconnect at the fan.

DUCTLESS SPLIT HEAT PUMP SYSTEM SCHEDULE	
System	
SEER	23.0
Total Capacity Range, MBH	1.7 - 10.9
Heat Pump Heating Range, MBH (@ 47°F)	1.7 - 15.0
HSPF	11.0
Electrical	
Voltage / Phase	208/1
MCA	10
MOCP	15
Evaporator	
Mark	DSS-IU-01
Basis of Design, Manufacturer	Fujitsu
Model	9RLFW
Heat Pump	
Mark	DSS-OU-01
Basis of Design, Manufacturer	Fujitsu
Model	9RLFW
Options	1
Notes	A, B

Options:
1) Provide low ambient controls and trim kit.

Notes:
A) Indoor Unit receives power from Outdoor Unit.
B) Line set and condensate piping shall be located within the wall. Exposed piping will not be allowed.
C) Both the liquid and vapor lines will be insulated 3/4" Armaflex, non-split seam insulation. Insulation shall be mitered and glued.

FAN SCHEDULE				
Mark	EF-01	EF-02	EF-03	EF-04
Drive	Direct	Direct	Direct	Direct
CFM	75	75	75	75
Watts	31	31	31	31
Motor HP	-	-	-	-
Motor RPM	-	-	-	-
Fan RPM	759	759	759	759
Static Pressure, In WC	0.25	0.25	0.25	0.25
Sones	0.9	0.9	0.9	0.9
Volt/Phase	115 / 1	115 / 1	115 / 1	115 / 1
Basis of Design				
Manufacturer	Cook	Cook	Cook	Cook
Model	GC-148	GC-148	GC-148	GC-148
Accessories	1, 2, 3, 4, 5	1, 2, 3, 4, 5	1, 2, 3, 4, 5	1, 2, 3, 4, 5
Notes	A	A	A	B

Accessories:
1. Provide speed control mounted on fan
2. Provide spring vibration isolator kit
3. Provide service disconnect switch.
4. Provide backdraft damper.
5. Provide white deluxe aluminum grille.

Notes:
A. Fan shall be controlled by associated room's light occupancy switch.
B. Fan shall be enabled to run continuously.

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BRANCH BANK FOR
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DOUBLE SPRINGS, ALABAMA

JOB NO. 1612 | DATE 11/30/17
DRAWN IJBJ | REVISED
CHECKED JNE | REVISED

DRAWING TITLE
MECHANICAL SCHEDULES

DRAWING NUMBER
M-3.0
OF 3

mds Mechanical Design Services, Inc.
100 Church Street SW, Suite 650
Huntsville, AL 35801
(256) 534-5150 mds@mdseng.com

File Name@@DWGFULLNAME
Plot Date@@PLTDATE Plot Time@@PLTTIME

SHOALS ENGINEERING, PC
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FAX: (256) 764-0838
PROJECT NO.: 17-1718

ALABAMA REGISTERED NO. 20689 PROFESSIONAL ENGINEER JASON B. LENT

ALABAMA HIGHWAY #195 (R.O.W. VARIES)

OHP

BURDICK STREET

MAIN STREET

BLAKE DRIVE

TRADERS + FARMERS BANK
FINISH FLOOR ELEVATION = 822.00

EMPTY 3/4" c FOR FUTURE LIGHTS

13 LP

PA-13 THRU PHOTOCELL CONTACTOR

NEW UG SERVICE

TELE BD

MP

2@2"C

15 LP

HANDICAP SIGN ON POST

PA-15 THRU PHOTOCELL CONTACTOR

PLANTER

EX

STONE BASE FOR STATUE

H/C RAMP

SIGN (NO TRUCKS)

R.O.W.

NEW RISER POLE BY APCO

NEW OH PRIMARY BY APCO

EX. UTILITY POLE

JOB NORTH

ELECTRICAL SITE PLAN
SCALE 1" = 10'-0"

10 0 10 20
SCALE IN FEET
SCALE 1"=10'

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Job No. 1612 Date 11/30/17
Drawn RAR/ABL Revised
Checked JBL Revised

Drawing Title
ELECTRICAL SITE PLAN

Drawing Number
E-1
Of 8

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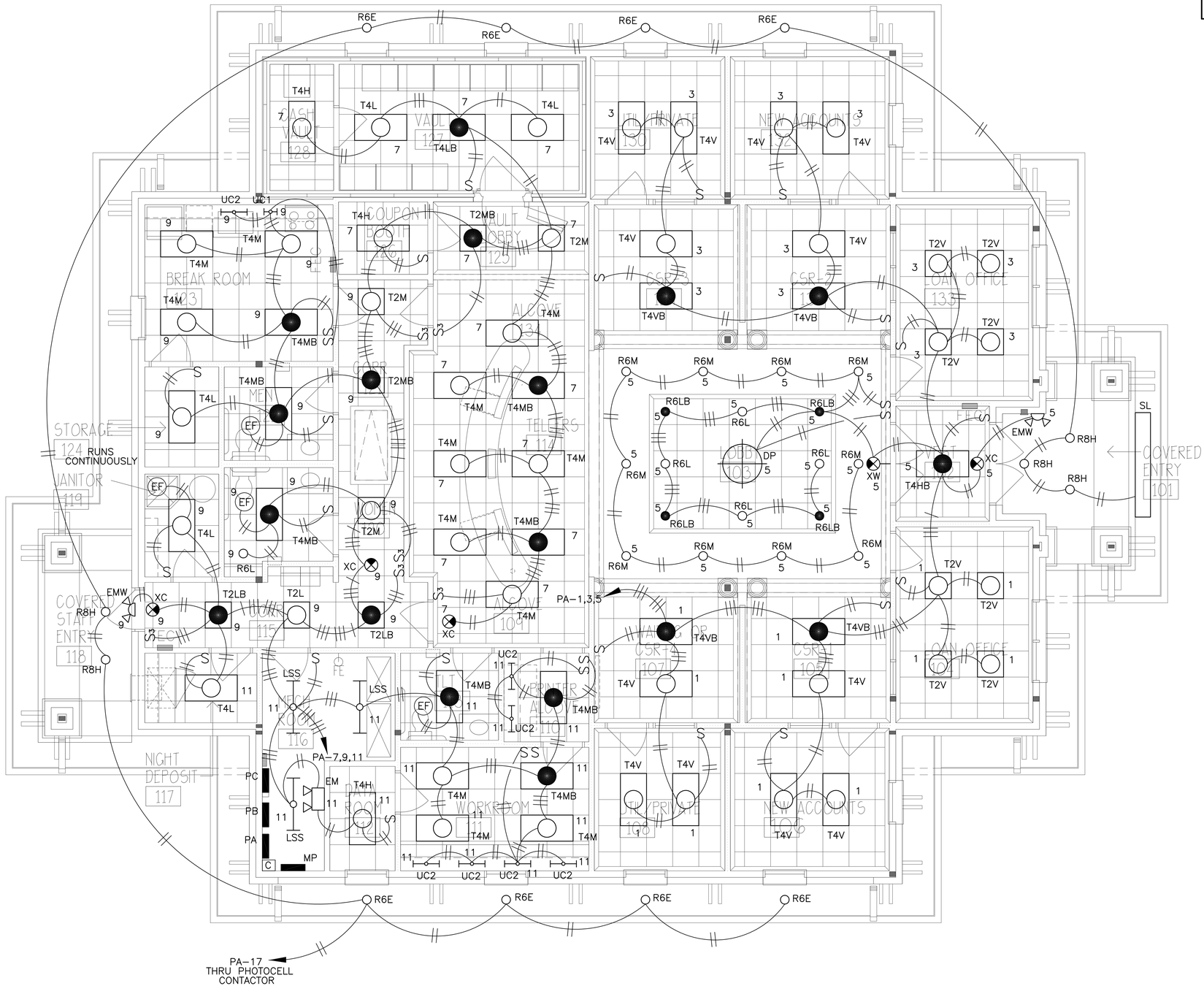

LIGHTING PLAN
SCALE 1/4" = 1'-0"

GRAPHIC SCALE
1/4"=1'-0"
4' 0 4' 8'

Job No. 1612
Drawn RAR/ABL
Checked JBL

Date 11/30/17
Revised
Revised
Revised

Drawing Title
LIGHTING PLAN

Drawing Number
E-2
Of 8

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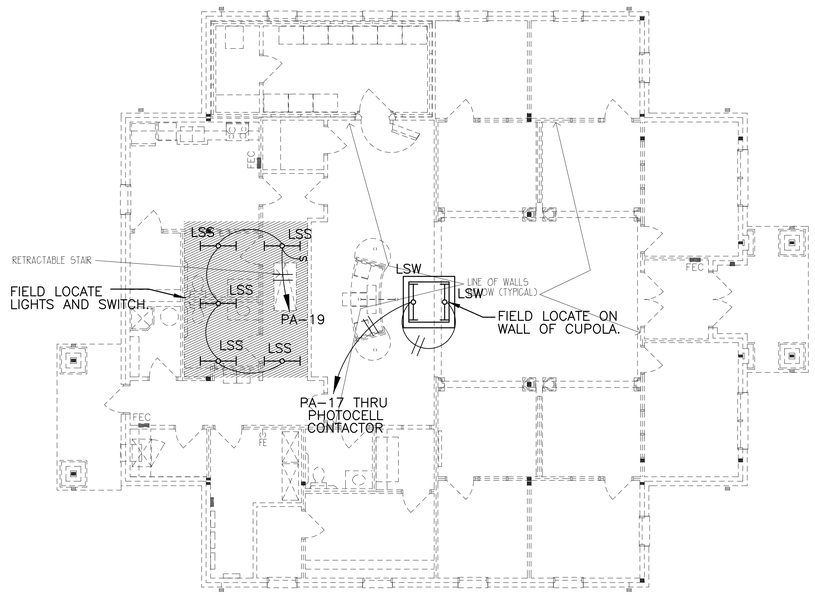
PROJECT NO.: 17-1718

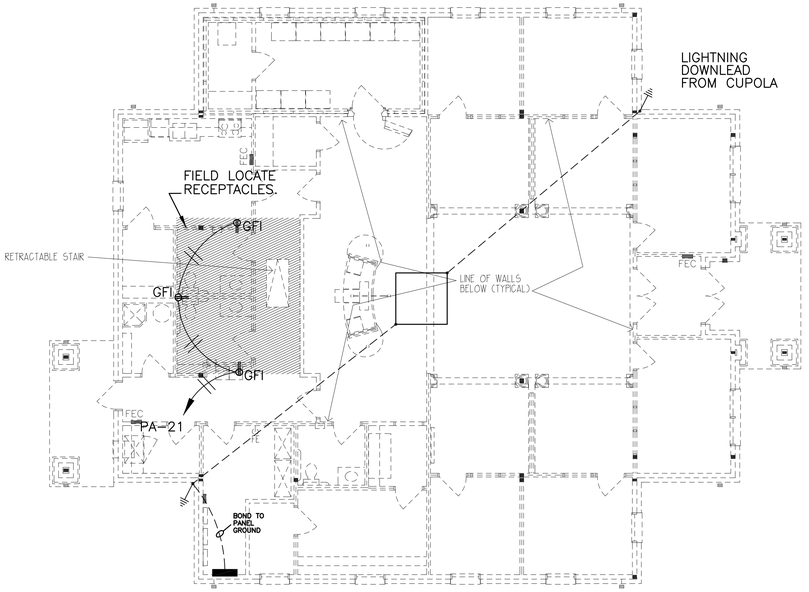
ALABAMA REGISTERED NO. 20689 PROFESSIONAL ENGINEER JASON B. LENT 11-29-17

NOTE:
PROVIDE A #1/0 BARE STRANDED ALUMINUM CONDUCTOR FROM THE CUPOLA TO 2 DIAMETRICALLY OPPOSED GROUND RODS. BOND LIGHTNING GROUND TO THE ELECTRICAL SERVICE GROUND SYSTEM. ISOLATE FROM COMBUSTIBLE WOOD. FINAL CONNECTIONS TO GROUND RODS SHALL BE WITH COPPER CONDUCTORS. PROVIDE CONNECTORS FOR DISSIMILAR METALS (COPPER/ALUMINUM).



JOB NORTH

ATTIC LIGHTING PLAN
SCALE 1/8" = 1'-0"



JOB NORTH

ATTIC POWER PLAN
SCALE 1/8" = 1'-0"

8' 0 8' 16'
GRAPHIC SCALE
1/8"=1'-0"

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Job No. 1612 Date 11/30/17
Drawn RAR/ABL Revised
Checked JBL Revised

Drawing Title
ATTIC PLAN

Drawing Number
E-3
Of 8

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PROJECT NO.: 17-1718

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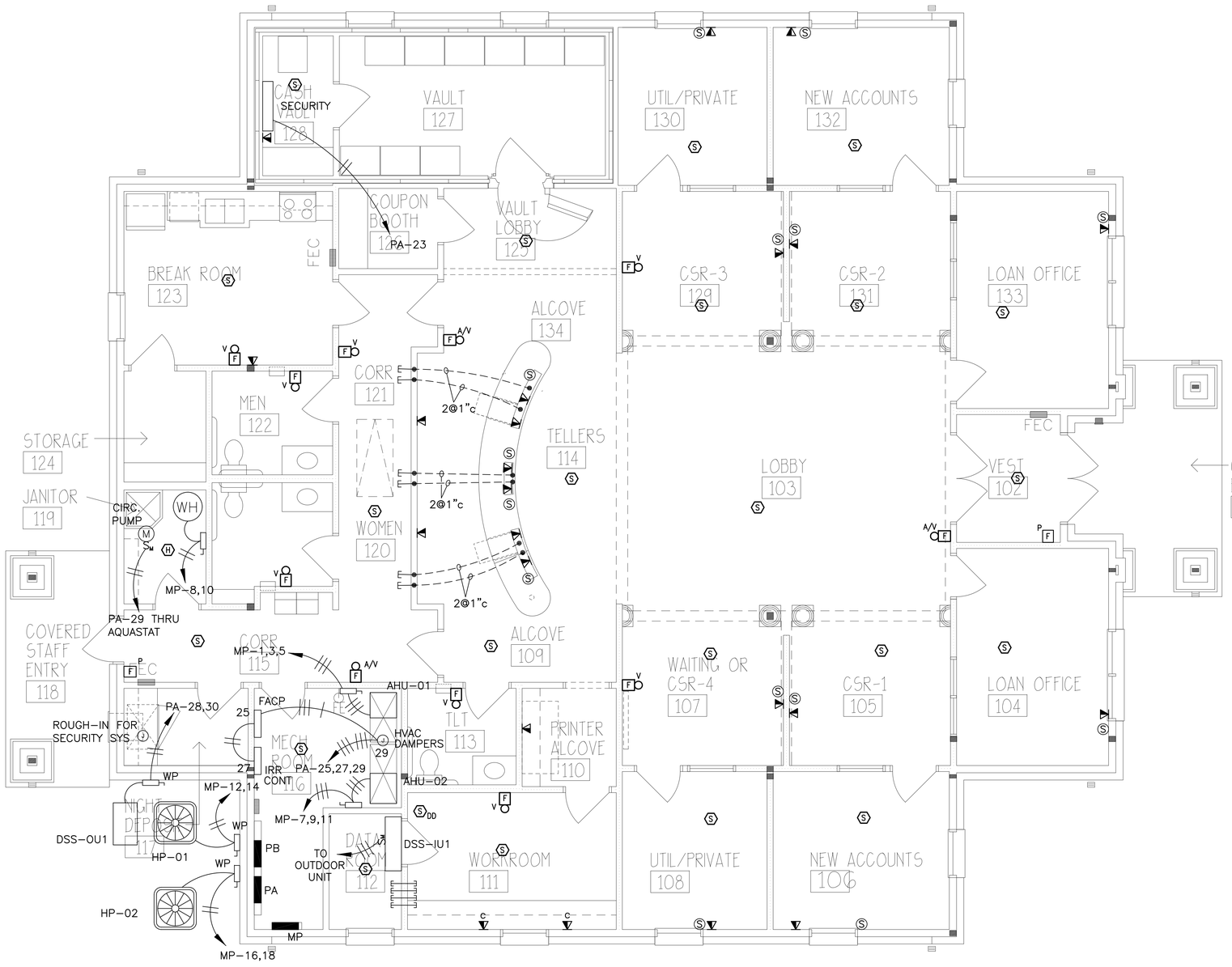

NOTE:
FIELD LOCATE ALL DISCONNECT SWITCHES FOR ACCESS TO SWITCHES AND ASSOCIATED EQUIPMENT.

EQUIPMENT PLAN
SCALE 1/4" = 1'-0"

4' 0 4' 8'
GRAPHIC SCALE
1/4"=1'-0"

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DOUBLE SPRINGS, ALABAMA

Job No. 1612 Date 11/30/17
Drawn RAR/ABL Revised
Checked JBL Revised

Drawing Title
EQUIPMENT PLAN

Drawing Number
E-4
Of 8

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PROJECT NO.: 17-1718

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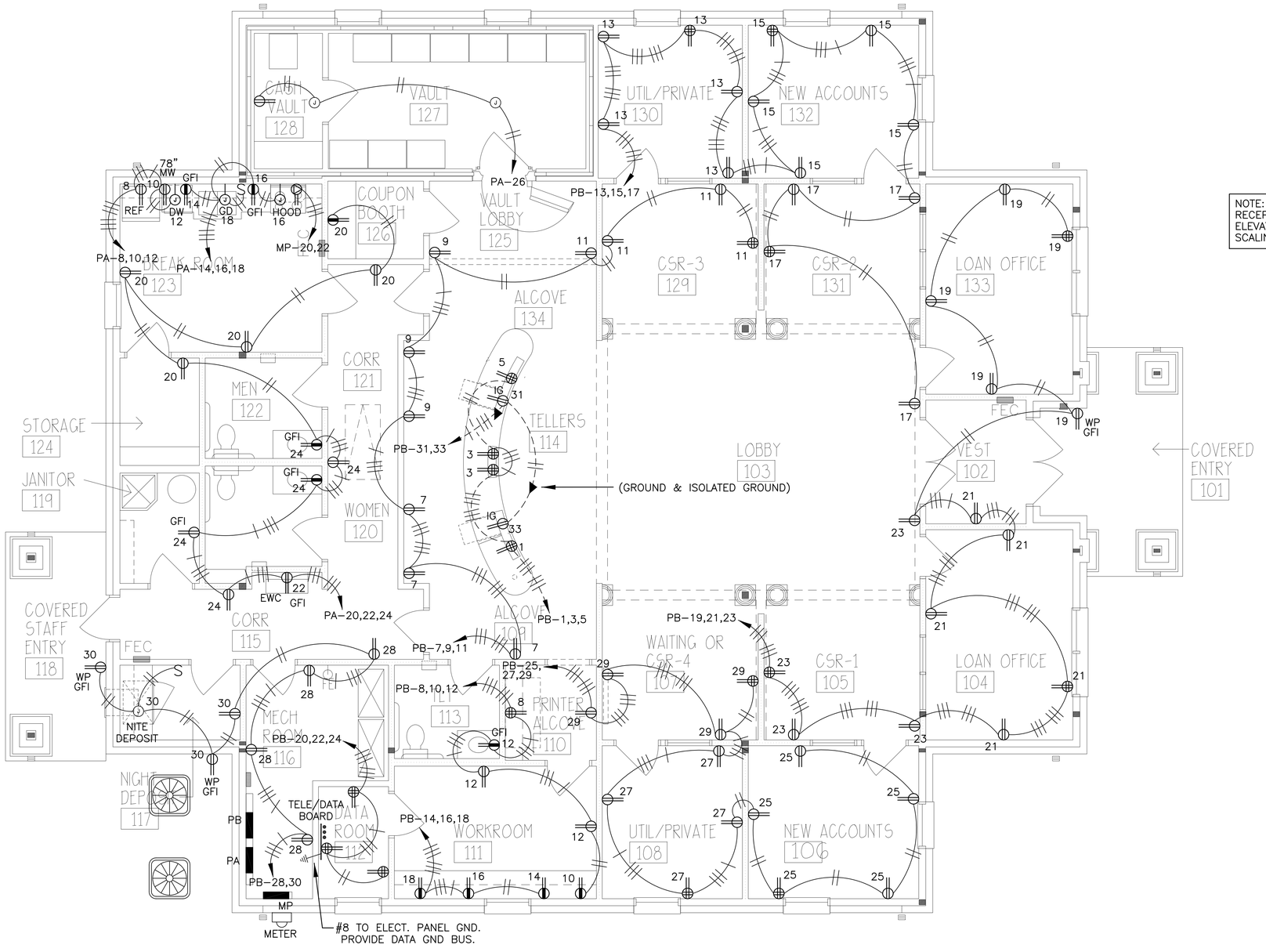
NOTE:
RECEPTACLE LOCATIONS ON ARCHITECTURAL INTERIOR ELEVATIONS & DETAILS TAKE PRECEDENCE OVER SCALING THIS DRAWING.



POWER PLAN
SCALE 1/4" = 1'-0"

4' 0 4' 8'
GRAPHIC SCALE
1/4"=1'-0"

Job No. 1612 Date 11/30/17
Drawn RAR/ABL Revised
Checked JBL Revised

Drawing Title
POWER PLAN

Drawing Number
E-5
Of 8

LIGHTING FIXTURE SCHEDULE

SYMBOL	MANUFACTURER	CATALOG NO.	LAMPS NO.	LAMPS WATTS	LAMPS TYPE	MOUNTING	HEIGHT	REMARKS
DP	---	(INCLUDE $2,000 ALLOWANCE)	6	10	CAND. L.E.D.	CHAIN	VERIFY	DECORATIVE PENDANT CHANDELIER, SEE NOTES 5 & 6
EM	EVENLITE	TEBL2W-SD	2	3	L.E.D.	WALL	8'	DOUBLE HEAD EMERGENCY LIGHT, SELF-DIAGNOSTIC
EMW	EVENLITE	WLEM-BZ-CT	–	–	L.E.D.	WALL	8'	WEATHERPROOF OUTDOOR EMERGENCY LIGHT, COLD TEMP.
LP	AAL	PR4-4R14-226-14-XX/BC8-4-XX	–	75	L.E.D.	POLE	14'	CAST ALUMINUM LANTERN ON ROUND ALUMINUM POLE WITH DECORATIVE CLAMSHELL BASE,
		ALN440-Y4-32LED-4K-700-XX-SBL						COLOR TO BE SELECTED BY ARCHITECT, SURGE PROTECTION ON LANTERN, TYPE 4 DISTRIBUTION
LSS	COLUMBIA	LCL4-35ML-ED1U-PAF-LCLWG	–	42	L.E.D.	CHAIN	VERIFY	SUSPENDED 4' STRIP, MEDIUM LUMENS, 3500K, PAINT AFTER FAB, FROST LENS
LSW	COLUMBIA	LCL4-40LW-EU-PAF	–	19	L.E.D.	WALL	VERIFY	WALL MOUNTED 4' STRIP, 2616 LUMENS, 4000K, PAINT AFTER FAB, FROST LENS
R6E	PRESCOLITE	LF6SL-DM1/6LFSL-15L-40K	–	20	L.E.D.	RECESS	CEILING	6" L.E.D. DOWNLIGHT, 1500 LUMEN, 4000K, 90 CRI
R6L	PRESCOLITE	LF6SL-DM1/6LFSL-11L-35K-B24	–	14	L.E.D.	RECESS	CEILING	6" L.E.D. DOWNLIGHT, 1100 LUMEN, 3500K, 90 CRI
R6LB	PRESCOLITE	LF6SL-DM1-EM/6LFSL-11L-35K-EM-B24	–	14	L.E.D.	RECESS	CEILING	SAME AS R6L, WITH EMERGENCY BATTERY PACK
R6M	PRESCOLITE	LF6SL-DM1/6LFSL-15L-35K-B24	–	20	L.E.D.	RECESS	CEILING	6" L.E.D. DOWNLIGHT, 1500 LUMEN, 3500K, 90 CRI
R8H	PRESCOLITE	LF8SL-DM1/8LFSL-20L-40K	–	25	L.E.D.	RECESS	CEILING	8" L.E.D. DOWNLIGHT, 2000 LUMEN, 4000K, 90 CRI
SL	SPI LTG	EEW11922-L31W-40K-BRK	–	31	L.E.D.	WALL	VERIFY	8 FOOT DIRECTIONAL SIGN LIGHT
T2L	HUBBELL	LCAT22-935MLG-ED1U	–	29	L.E.D.	RECESS	CEILING	2X2 L.E.D. CONTEMP. TROFFER, 2888 LUMEN, 3500K, PAINT AFTER FAB, 90 CRI
T2LB	HUBBELL	LCAT22-935MLG-ED1U-ELL14	–	29	L.E.D.	RECESS	CEILING	SAME AS T2L, WITH EMERGENCY BATTERY PACK
T2M	HUBBELL	LCAT22-935HLG-ED1U	–	32	L.E.D.	RECESS	CEILING	2X2 L.E.D. CONTEMP. TROFFER, 3190 LUMEN, 3500K, PAINT AFTER FAB, 90 CRI
T2MB	HUBBELL	LCAT22-935HLG-ED1U-ELL14	–	32	L.E.D.	RECESS	CEILING	SAME AS T2M, WITH EMERGENCY BATTERY PACK
T2V	HUBBELL	LCAT22-935VLG-ED1U	–	39	L.E.D.	RECESS	CEILING	2X2 L.E.D. CONTEMP. TROFFER, 4381 LUMEN, 3500K, PAINT AFTER FAB, 90 CRI
T4H	HUBBELL	LCAT24-935VLG-ED1U	–	58	L.E.D.	RECESS	CEILING	2X4 L.E.D. CONTEMP. TROFFER, 6007 LUMEN, 3500K, PAINT AFTER FAB, 90 CRI
T4HB	HUBBELL	LCAT24-935VLG-ED1U-ELL14	–	58	L.E.D.	RECESS	CEILING	SAME AS T4H, WITH EMERGENCY BATTERY PACK
T4L	HUBBELL	LCAT24-935MLG-ED1U	–	39	L.E.D.	RECESS	CEILING	2X4 L.E.D. CONTEMP. TROFFER, 4150 LUMEN, 3500K, PAINT AFTER FAB, 90 CRI
T4LB	HUBBELL	LCAT24-935MLG-ED1U-ELL14	–	39	L.E.D.	RECESS	CEILING	SAME AS T4L, WITH EMERGENCY BATTERY PACK
T4M	HUBBELL	LCAT24-935HLG-ED1U	–	43	L.E.D.	RECESS	CEILING	2X4 L.E.D. CONTEMP. TROFFER, 4913 LUMEN, 3500K, PAINT AFTER FAB, 90 CRI
T4MB	HUBBELL	LCAT24-935HLG-ED1U-ELL14	–	43	L.E.D.	RECESS	CEILING	SAME AS T4M, WITH EMERGENCY BATTERY PACK
T4V	HUBBELL	LCAT24-935XLG-ED1U	–	75	L.E.D.	RECESS	CEILING	2X4 L.E.D. CONTEMP. TROFFER, 7207 LUMEN, 3500K, PAINT AFTER FAB, 90 CRI
T4VB	HUBBELL	LCAT24-935XLG-ED1U-ELL14	–	75	L.E.D.	RECESS	CEILING	SAME AS T4V, WITH EMERGENCY BATTERY PACK
UC1	PROGRESS	P7012-30	–	6.5	L.E.D.	SURFACE	CABINET	12" UNDER CABINET FIXTURE, 3000K
UC2	PROGRESS	P7013-30	–	12	L.E.D.	SURFACE	CABINET	24" UNDER CABINET FIXTURE, 3000K
XC	EVENLITE	SOV-EM-G-1C-BA-RC-UC	–	–	L.E.D.	SURFACE	CEILING	EDGE LIT EXIT SIGN, GREEN LETTERS, BATTERY, CEILING
XW	EVENLITE	SOV-EM-G-1M-BA-SW-UC	–	–	L.E.D.	WALL	VERIFY	EDGE LIT EXIT SIGN, GREEN LETTERS, BATTERY, CEILING

FIXTURE SCHEDULE NOTES:

1. FIXTURES SHALL BE FURNISHED COMPLETE WITH ALL LAMPS AND MOUNTING HARDWARE.
2. EMERGENCY BALLASTS SHALL BE FACTORY INSTALLED.
3. EQUAL, IDENTICAL FIXTURES WILL BE CONSIDERED.
4. SEE ARCHITECTURAL FINISH SCHEDULE FOR CEILING TYPES. COORDINATE FIXTURE MOUNTINGS WITH CEILING TYPES.
5. CONTRACTOR SHALL INCLUDE AN ALLOWANCE OF $2,000 IN HIS BID PRICE FOR PURCHASING THE "DP" FIXTURE. CONTRACTOR MARKUP NOT INCLUDED.
6. CONTRACTOR SHALL INCLUDE FIXTURE ASSEMBLY, FIXTURE MOUNTING, AND CANDELABRA L.E.D. LAMPS IN 3500 DEGREE KELVIN.

FIRE ALARM NOTES:

1. A NEW ADDRESSABLE FIRE ALARM SYSTEM SHALL BE INSTALLED AS SHOWN.
2. FIRE ALARM SYSTEM SHALL BE CONNECTED SO THAT ACTIVATION OF ANY SMOKE DETECTOR OR PULL STATION SHALL INITIATE HORNS AND STROBES.
3. THE ENTIRE SYSTEM SHALL BE INSTALLED AND WIRED BY A TECHNICIAN EXPERIENCED IN INSTALLATION OF FIRE ALARM SYSTEMS.
4. THE CONTRACTOR SHALL FURNISH THE ARCHITECT A LETTER CERTIFYING THAT THE SYSTEM HAS BEEN PROPERLY INSTALLED, CHECKED, AND PROVEN TO BE IN PROPER ORDER.
5. THE SYSTEM SHALL BE WIRED USING PLENUM CABLE RATED FOR FIRE ALARM SYSTEM USE. CONDUIT SHALL BE INSTALLED WHERE CABLES PENETRATE WALLS OR ARE ROUTED IN AREAS WITH NO CEILING.
6. THE FIRE ALARM CERTIFICATION REPORT SHALL BE IN ACCORDANCE WITH NFPA 72 AND SUBMITTED AT COMPLETION OF THE PROJECT.
7. THE SYSTEM SHALL BE REMOTELY MONITORED VIA UL LISTED WIRELESS SIGNALING OR TELEPHONE SYSTEM.
8. WIRING SHALL CONFORM TO NFPA 72 AND IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AS IS NECESSARY TO PERFORM THE REQUIRED FUNCTION.
9. WIRING SHALL BE COLOR CODED AND COLOR CODING SHALL BE UNIFORM THROUGHOUT PROJECT.
10. TYPICAL MOUNTING HEIGHTS:
    PULL STATIONS ---- 4'-0" A.F.F. (MAX)
    STROBE LIGHTS ---- 6'-8" A.F.F.
    HORN/STROBES ---- 6'-8" A.F.F.
11. ALL EXPOSED CONDUIT SHALL BE INSTALLED IN A NEAT MANNER. ALL CABLING IN EXPOSED LOCATIONS SHALL BE IN CONDUIT.
12. DUCT MOUNTED SMOKE DETECTORS SHALL BE PHOTOELECTRIC TYPE AND SHALL BE CONNECTED TO INITIATE A GENERAL FIRE ALARM AND SHUT DOWN THE ASSOCIATED AIR HANDLER. REMOTE TEST AND ALARM PLATES SHALL BE PROVIDED AS NEEDED AND SPECIFIED.
13. DUCT SMOKE DETECTOR LOCATIONS SHALL BE PERMANENTLY AND CLEARLY IDENTIFIED IN ACCORDANCE WITH NFPA 72-5.16.5.4.

GENERAL ELECTRICAL NOTES:

1. ELECTRIC WATER COOLER RECEPTACLES INDICATED BY "EWC" SHALL BE LOCATED AS REQUIRED TO CONCEAL THE RECEPTACLE BELOW THE WATER COOLER ASSEMBLY. COORDINATE WITH PLUMBING TRADE. MAKE GFCI RESET BUTTON ACCESSIBLE.
2. FLEXIBLE CONDUIT INSTALLED OUT-OF-DOORS OR IN ANY NORMALY WET AREAS SHALL BE LIQUID TIGHT FLEXIBLE METAL WITH SUITABLE FITTINGS.
3. DO NOT MOUNT OUTLETS BACK-TO-BACK. THEY MUST BE IN SEPARATE STUD SPACES.
4. CONDUITS SHALL PASS THROUGH WALLS AT 90 DEGREE ANGLES AND SHALL BE RUN PARALLEL OR PERPENDICULAR TO WALLS.
5. BRANCH CIRCUITS AND HOMERUNS SHALL BE #12 WIRE AND 1/2" CONDUIT MINIMUM. EVERY CONDUIT SHALL HAVE A GROUND WIRE. (#12 MINIMUM). THIS INCLUDES RECEPTACLE, SWITCH, LIGHT FIXTURE, AND HVAC CIRCUITS.
6. NO MORE THAN 3 PHASE CONDUCTORS MAY BE INSTALLED IN ONE CONDUIT UNLESS NOTED OTHERWISE. N.E.C. REQUIRED DE-RATING SHALL APPLY WHERE MORE THAN 3 PHASE CONDUCTORS ARE ROUTED TOGETHER.
7. ALL RECEPTACLES, SWITCHES, ETC. SHALL BE IN A COLOR AS SELECTED BY THE ARCHITECT.
8. MOUNTING HEIGHTS OF WALL OUTLETS ABOVE FINISHED FLOOR SHALL BE AS INDICATED IN THE LEGEND AND IN THE FOLLOWING TABLE UNLESS NOTED OTHERWISE ON THE PLANS (MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICE):
   SWITCHES (GENERAL) ---------- 4'-0"
   RECEPTACLES (GENERAL) ---------- 1'-6"
   BATH BRACKETS ---------- 6'-6"
   TELEPHONE OUTLETS ---------- 1'-6"
9. MAINTAIN N.E.C. MINIMUM CLEARANCE IN FRONT OF ALL PANELBOARDS.
10. ALL UNDERGROUND CONDUIT RUNS ENTERING THE BUILDING SHALL BE SEALED TO PREVENT THE ENTRANCE OF MOISTURE AND GASES.
11. CONDUIT FOR RECEPTACLE CIRCUITS SHALL BE RUN OVERHEAD UNLESS NOTED OTHERWISE.
12. PROVIDE CONDUIT AND OUTLET BOXES AS REQUIRED FOR THERMOSTATS. THERMOSTATS ARE SHOWN ON MECHANICAL DRAWINGS.
13. CONTRACTOR SHALL FOLLOW DRAWING PANEL SCHEDULES TO THE LETTER, NO SUBSTITUTIONS ARE ALLOWED. CIRCUIT NUMBERS SHALL MATCH CIRCUITS SHOWN ON LIGHTING & POWER PLANS. DIRECTORY CARDS SHALL BE NEATLY TYPED AND REFLECT PANEL SCHEDULES. PANEL CIRCUIT NUMBERS SHALL BE PERMANENT NOT STICK-ON, AND PANEL NAMEPLATES SHALL BE SCREW MOUNTED NOT STICK-ON.

DATA/SECURITY/SURVEILLANCE SYSTEM NOTES

1. CABLING AND DEVICES FOR DATA, TELEPHONE, INTRUSION DETECTION, SURVEILLANCE, ETC. WILL BE FURNISHED OUTSIDE OF THE CONTRACT.
2. CONTRACTOR SHALL PROVIDE ROUGH-IN AS INDICATED.

ELECTRICAL SPECIFICATIONS

A. All Electrical work shall comply with National Electric Code and all local regulations.

B. Conduit for branch circuit inside building and above the floor may be THIN Wall Metal (EMT).

C. Conduit exposed to weather shall be rigid metal or weatherproof flexible metallic conduit.

D. Conduit installed underground or in the slab shall be schedule 40 PVC.

E. Wire #4 and larger shall be copper type RHW/USE OR XHHW. Wire smaller than #4 shall be copper type THHN/THWN.

F. All grounding shall, as a minimum, comply with the National Electrical Code. Grounding in addition to that required by the NEC shall be completed as shown on the drawings.

G. Scope, Work Included:

a. Install complete system of electrical wiring to each lighting fixture, receptacle and switch outlet.

b. Install all lighting fixtures and other electrical equipment covered by this section of specifications and electrical drawings.

c. Provide a new fire alarm system as shown.

d. Provide a rough-in for data cabling, telephone, and security systems.

e. Install empty conduit for thermostat and control circuits as required.

f. Install all power wiring and make electrical connections to heating, air conditioning, ventilation and other electric consuming equipment that is furnished and installed by other trades. Proper starter(s) and interior controls, including control wiring, shall be furnished with equipment with all wiring brought out to junction box or terminal block. Electrical Contractor to furnish proper disconnect switch where required as shown and make proper connections to unit.

g. See separate book of specifications for additional and more detailed requirements.

H. Fees and Permits

This Contractor shall pay additional cost that may be incurred by other trades due to the installation of equipment or material, covered by this section of specifications and electrical plans, which differ from that specified.

This Contractor shall secure all licenses and permits and pay all fees required for completion of work under this section of the specifications.

ELECTRICAL LEGEND

LS1 3	STRIP OR SURFACE FIXTURE, "LS1" DESIGNATES FIXTURE SYMBOL, "3" INDICATES CIRCUIT NUMBER
	2' X 4' L.E.D. RECESSED FIXTURE (BATTERY PACK WHEN CENTER DARKENED)
	2' X 2' L.E.D. RECESSED FIXTURE (BATTERY PACK WHEN CENTER DARKENED)
	8' L.E.D. WALL MOUNTED FIXTURE
	CHAIN MOUNTED L.E.D. CHANDELIER FIXTURE
	RECESSED L.E.D. CAN FIXTURE
	DUAL HEAD L.E.D. EMERGENCY FIXTURE
	DUAL HEAD EXTERIOR L.E.D. EGRESS FIXTURE
	CEILING MOUNTED EXIT FIXTURE, FACE AS SHOWN DARKENED, ARROW INDICATE DIRECTION
	WALL MOUNTED EXIT FIXTURE, FACE AS SHOWN DARKENED
	LIGHT POLE FIXTURE
S	SINGLE POLE, 20A 120/277V SILENT TYPE TOGGLE SWITCH
S_3	THREE WAY, 20A 120/277V SILENT TYPE TOGGLE SWITCH
S_M	MANUAL MOTOR STARTER WITH THERMAL OVERLOADS
	20A, 125V DUPLEX RECEPTACLE, SPECIFICATION GRADE
GFI	DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTING (WEATHERPROOF WHERE INDICATED)
EWC	ELECTRIC WATER COOLER RECEPTACLE CONCEALED BELOW COOLER
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER TOP
	DOUBLE DUPLEX RECEPTACLE, SPECIFICATION GRADE
J	CEILING MOUNTED JUNCTION BOX
J	WALL OR EQUIPMENT MOUNTED JUNCTION BOX
	BRANCH CIRCUIT RUN IN CEILING OR WALLS. PROVIDE GROUND WIRE IN EACH CONDUIT. NUMBER OF WIRES AS SHOWN (THREE SHOWN HERE PLUS GROUND (IMPLIED)). CONDUIT SHALL BE 1/2" MINIMUM. WIRE SHALL BE #12 COPPER MINIMUM. WIRE FILL PER N.E.C.
P2A-61,63	HOMERUN TO PANELBOARD. SEE SCHEDULE FOR BREAKER SIZE.
	CIRCUIT ROUTED UNDERGROUND OR UNDER CONCRETE SLAB
	LIGHTING & APPLIANCE PANELBOARD, SURFACE MOUNTED
WP	FUSIBLE, HEAVY DUTY, WEATHERPROOF DISCONNECT, 250 VOLT, SIZED WITH BREAKER
EF	EXHAUST FAN CONNECTION
WH	WATER HEATER CONNECTION
M	MOTOR CONNECTION
HP-1	CONDENSING UNIT CONNECTION
AHU-1	INDOOR HEAT PUMP CONNECTION
	TELE/DATA COMBO OUTLET BOX, (C) INDICATES COUNTER HEIGHT
W	TELEPHONE OUTLET AT 48" A.F.F.
	TELE/DATA BACK BOARD
S	ROUGH-IN FOR SECURITY SYSTEM PANIC BUTTON
F.A.C.P.	FIRE ALARM SYSTEM CONTROL PANEL
F A/V	FIRE ALARM SYSTEM STROBE/HORN COMBINATION
F V	FIRE ALARM SYSTEM STROBE ONLY
F P	FIRE ALARM SYSTEM PULL STATION
S	FIRE ALARM SYSTEM SMOKE DETECTOR
S DD	FIRE ALARM SYSTEM DUCT MOUNTED SMOKE DETECTOR
H	FIRE ALARM SYSTEM HEAT DETECTOR

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BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

Job No. 1612 Date 11/30/17
Drawn RAR/ABL Revised
Checked JBL Revised

Drawing Title
FIXTURE SHEDULE + NOTES

Drawing Number
E-6
Of 8

PANELBOARD SCHEDULE

PANEL NAME: MP
LOCATION: MECH 116

VOLTS: 208Y/120
PHASE: 3
WIRE: 4
MINIMUM KA.I.C.: 35

MAIN: BREAKER
AMPS: 400
POLES: 3
REMARKS: GND BUS, S.E. LABEL, PERM CKT No'S, SCREW NAMEPLATE

MOUNT: SURFACE

NAMEPLATE: MP 208Y/120V, 3ø, 4W FED FROM UTIL

CONDUIT	WIRE	ROOM NOS/REMARKS	CIR	BREAKERS		AMPS PER PHASE			PHASES			AMPS PER PHASE			BREAKERS		CIR	ROOM NOS / REMARKS	CONDUIT	WIRE
			#	AMP	POLE	A	B	C	A	B	C	A	B	C	AMP	POLE	#			
1 1/2	4+8G	INDOOR UNIT AHU-01	1	60	3	41.9			●			0			30	3	2	SURGE PROTECTION DEVICE	3/4	10+10N+10G
–	4	–	3	–	–		41.9			●			0		–	–	4	–	–	10
–	4	–	5	–	–			41.9			●			0	–	–	6	–	–	10
1 1/2	3+8G	INDOOR UNIT AHU-02	7	80	3	56.9			●			20			30	2	8	WATER HEATER	3/4	10+10G
–	3	–	9	–	–		56.9			●			20		–	–	10	–	–	10
–	3	–	11	–	–			56.9			●			22.3	40	2	12	OUTDOOR UNIT HP-01	1	8+10G
		SPARE	13	100	3	0			●			22.3			–	–	14	–	–	8
		–	15	–	–		0			●			27.6		50	2	16	OUTDOOR UNIT HP-02	1	6+10G
		–	17	–	–			0			●			27.6	–	–	18	–	–	6
SL	SL	PANEL PA	19	100	3	41.5			●			33			50	2	20	STOVE	1	6+6N+10G
–	SL	–	21	–	–		46.5			●			33		–	–	22	–	–	6
–	SL	–	23	–	–			52.5			●			–	20	1	24	SPACE ONLY		
SL	SL	PANEL PB	25	100	3	46.5			●						100	3	26	SPACE ONLY		
–	SL	–	27	–	–		49.5			●					–	–	28	–		
–	SL	–	29	–	–			51			●				–	–	30	–		
		SPACE ONLY	31	100	3				●						100	3	32	SPACE ONLY		
		–	33	–	–					●					–	–	34	–		
		–	35	–	–						●				–	–	36	–		
		SPACE ONLY	37	100	3				●						100	3	38	SPACE ONLY		
		–	39	–	–					●					–	–	40	–		
		–	41	–	–						●				–	–	42	–		
		CONNECTED LOAD (AMPS) –							262.1	275.4	252.2									

SL = SEE SINGLE LINE DIAGRAM

PANELBOARD SCHEDULE

PANEL NAME: PA
LOCATION: MECH 116

VOLTS: 208Y/120
PHASE: 3
WIRE: 4
MINIMUM KA.I.C.: 22

MAIN: LUGS
AMPS: 100
POLES: 3
REMARKS: GND BUS, PERM CKT No'S, SCREW NAMEPLATE

MOUNT: SURFACE

NAMEPLATE: PA 208Y/120V, 3ø, 4W FED FROM "MP"

CONDUIT	WIRE	ROOM NOS/REMARKS	CIR	BREAKERS		AMPS PER PHASE			PHASES			AMPS PER PHASE			BREAKERS		CIR	ROOM NOS / REMARKS	CONDUIT	WIRE
			#	AMP	POLE	A	B	C	A	B	C	A	B	C	AMP	POLE	#			
1/2	12+N+G	CSR, OFFICES EAST LIGHTS	1	20	1	5.3			●			0			30	3	2	SURGE PROTECTIVE DEVICE	3/4	10+10N+10G
–	12+N	CSR, OFFICES WEST LIGHTS	3	20	1		5.3			●			0		–	–	4	–	–	10
–	12+N	LOBBY, VESTIBULE LIGHTS	5	20	1			6.5			●			0	–	–	6	–	–	10
1/2	12+N+G	TELLER, VAULT, HALL 125 LIGHTS	7	20	1	4.7			●			10			20	1	8	BREAKROOM REFRIGERATOR	1/2	12+N+G
–	12+N	BREAKROOM, TOILET, REAR CORRIDOR LIGHTS	9	20	1		4.7			●			10		20	1	10	BREAKROOM MICROWAVE	–	12+N
–	12+N	WORKROOM, ELECTRIC ROOM, NIGHT DEPOSIT LIGHTS	11	20	1			4			●			10	20	1	12	BREAKROOM DISHWASHER	–	12+N
3/4	10+10N+10G	OUTDOOR LANTERN POLES	13	20	1	4			●			1.5			20	1	14	BREAKROOM COUNTER RECEPTACLE	1/2	12+N+G
3/4	10+10N+10G	OUTDOOR LANTERN POLES	15	20	1		4			●			1.5		20	1	16	BREAKROOM COUNTER RECEPTACLE	–	12+N
1/2	12+N+G	OUTDOOR SOFFIT AND ENTRY LIGHTS	17	20	1			3			●			1.5	20	1	18	BREAKROOM GARBAGE DISPOSAL	–	12+N
1/2	12+N+G	ATTIC LIGHTS	19	20	1	2			●			7.5			20	1	20	BREAKROOM, COUPON BOOTH RECEPTACLE	1/2	12+N+G
–	12+N	ATTIC RECEPTACLES	21	20	1		4.5			●			1.5		20	1	22	ELECTRIC WATER COOLER	–	12+N
◇ 1/2	12+N+G	SECURITY PANEL	23	20	1			5			●			7.5	20	1	24	TOILET, CORRIDOR, JANITOR RECEPTACLE	–	12+N
◇ 1/2	12+N+G	FIRE ALARM PANEL	25	20	1	5			●			1.5			20	1	26	VAULT RECEPTACLE	1/2	12+N+G
–	12+N	IRRIGATION CONTROLLER	27	20	1		5			●			10		15	2	28	DATA ROOM DUCTLESS UNIT	1/2	12+G
–	12+N	HVAC DAMPER TRANSFORMERS	29	20	1			5			●			10	–	–	30	–	–	12
		SPARE	31	20	1				●						20	1	32	SPARE		
		SPARE	33	20	1					●					20	1	34	SPARE		
		SPARE	35	20	1						●				20	1	36	SPARE		
		SPACE ONLY	37	20	1				●						20	1	38	SPACE ONLY		
		SPACE ONLY	39	20	1					●					20	1	40	SPACE ONLY		
		SPACE ONLY	41	20	1						●				20	1	42	SPACE ONLY		
		CONNECTED LOAD (AMPS) –							41.5	46.5	52.5									

◇ = LOCKABLE HANDLE

PANELBOARD SCHEDULE

PANEL NAME: PB
LOCATION: MECH 116

VOLTS: 208Y/120
PHASE: 3
WIRE: 4
MINIMUM KA.I.C.: 22

MAIN: LUGS
AMPS: 100
POLES: 3
REMARKS: GND BUS, PERM CKT No'S, SCREW NAMEPLATE, ISOLATED GROUND

MOUNT: SURFACE

NAMEPLATE: PB 208Y/120V, 3ø, 4W FED FROM "MP"

CONDUIT	WIRE	ROOM NOS/REMARKS	CIR	BREAKERS		AMPS PER PHASE			PHASES			AMPS PER PHASE			BREAKERS		CIR	ROOM NOS / REMARKS	CONDUIT	WIRE
			#	AMP	POLE	A	B	C	A	B	C	A	B	C	AMP	POLE	#			
1/2	12+N+G	TELLER DESK RECEPTACLES	1	20	1	6			●			0			30	3	2	SURGE PROTECTIVE DEVICE	3/4	10+10N+10G
–	12+N	TELLER DESK RECEPTACLES	3	20	1		6			●			0		–	–	4	–	–	10
–	12+N	TELLER DESK RECEPTACLES	5	20	1			6			●			0	–	–	6	–	–	10
1/2	12+N+G	TELLER COUNTER, CORRIDOR RECEPTACLES	7	20	1	6			●			3			20	1	8	ALCOVE PRINTER RECEPTACLE	1/2	12+N+G
–	12+N	TELLER COUNTER, CORRIDOR RECEPTACLES	9	20	1		6			●			1.5		20	1	10	WORKROOM COUNTER RECEPTACLES	–	12+N
–	12+N	CSR-3 RECEPTACLES	11	20	1			7.5			●			4.5	20	1	12	TOILET, WORKROOM RECEPTACLES	–	12+N
1/2	12+N+G	PRIVATE OFFICE 130	13	20	1	9			●			1.5			20	1	14	WORKROOM COUNTER RECEPTACLES	1/2	12+N+G
–	12+N	NEW ACCOUNTS OFFICE RECEPTACLES	15	20	1		9			●			1.5		20	1	16	WORKROOM COUNTER RECEPTACLES	–	12+N
–	12+N	CSR-2 RECEPTACLES	17	20	1			7.5			●			1.5	20	1	18	WORKROOM COUNTER RECEPTACLES	–	12+N
1/2	12+N+G	LOAN OFFICE 133 RECEPTACLES	19	20	1	9			●			3			20	1	20	DATA ROOM RECEPTACLES	1/2	12+N+G
–	12+N	LOAN OFFICE 104 RECEPTACLES	21	20	1		9			●			3		20	1	22	DATA ROOM RECEPTACLES	–	12+N
–	12+N	CSR-1 105 RECEPTACLES	23	20	1			7.5			●			3	20	1	24	DATA ROOM RECEPTACLES	–	12+N
1/2	12+N+G	NEW ACCOUNTS OFFICE RECEPTACLES	25	20	1	9			●			0			20	1	26	SPARE		
–	12+N	PRIVATE OFFICE 108 RECEPTACLES	27	20	1		7.5			●			6		20	1	28	ELECTIC ROOM RECEPTACLES	1/2	12+N+G
–	12+N	CSR-4 RECEPTACLES	29	20	1			7.5			●			6	20	1	30	NIGHT DEPOSIT, OUTDOOR RECEPTACLES	–	12+N
3/4	12+N+G	CASH RECYCLER	31	20	1	–			●						20	1	32	SPARE		
–	12+N+G	CASH RECYCLER	33	20	1		–			●					20	1	34	SPARE		
		SPARE	35	20	1						●				20	1	36	SPARE		
		SPACE ONLY	37	20	1				●						20	1	38	SPACE ONLY		
		SPACE ONLY	39	20	1					●					20	1	40	SPACE ONLY		
		SPACE ONLY	41	20	1						●				20	1	42	SPACE ONLY		
		CONNECTED LOAD (AMPS) –							46.5	49.5	51									

PANEL LEGEND

MP	PB
PA	

SHOALS ENGINEERING, PC
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FflorENCE, ALABAMA, 35630
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PROJECT NO.: 17-1718

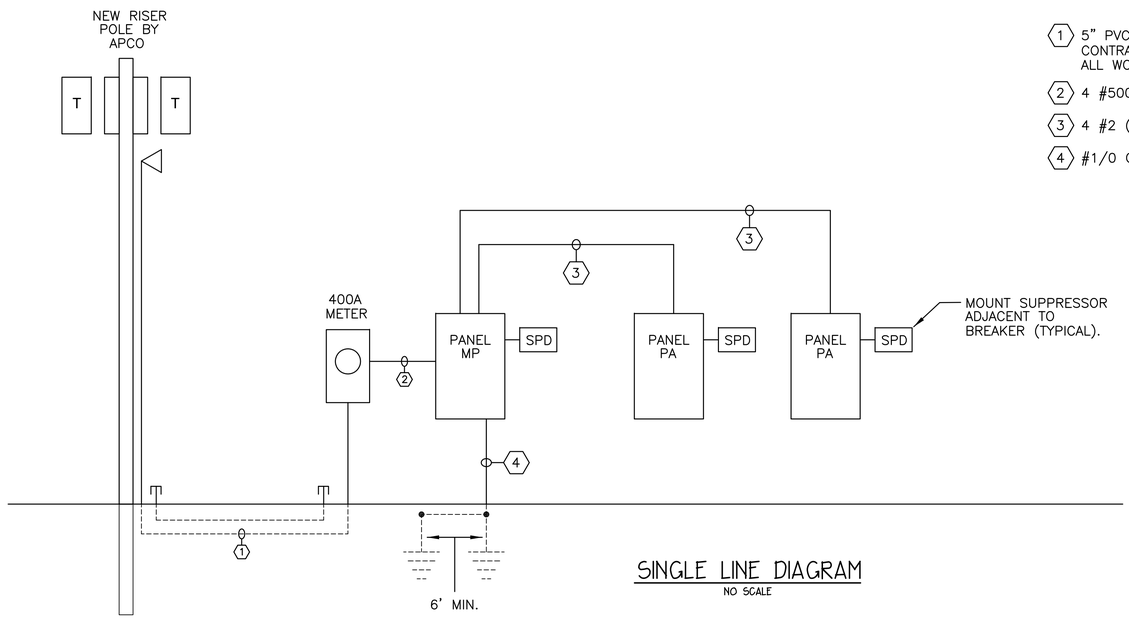
ALABAMA REGISTERED 11-29-17 NO. 20689 PROFESSIONAL ENGINEER JASON B. LAMBERT

WIRING COLOR CODE CHART

WIRING SHALL BE COLOR CODED AS FOLLOWS:
208 WYE/120 VOLT, 3 PHASE, 4 WIRE
PHASE A – BLACK
PHASE B – RED
PHASE C – BLUE
NEUTRAL – WHITE
GROUND – GREEN

PROVIDE A WIRING COLOR CHART AT EVERY PANEL.

SWITCH LEG TRAVELERS SHALL BE PURPLE.



SINGLE LINE DIAGRAM
NO SCALE

1. 5" PVC CONDUIT PLUS SPARE WITH 4 FOOT SWEEPING 90'S BY CONTRACTOR. CONTRACTOR SHALL PROVIDE DITCH. APCO WILL PROVIDE WIRE. COORDINATE ALL WORK WITH ALABAMA POWER COMPANY (SCOTT KNIGHT – 205.486.9403).
2. 4 #500 (XHHW), 1 #1/0 GND, 4"c.
3. 4 #2 (XHHW), 1 #8 GND, 2"c.
4. #1/0 COPPER TO TWO 10' GND RODS, SPACED A MINIMUM OF 6' APART.

LAMBERT • EZELL • DURHAM
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BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

Job No. 1612
Drawn RAR/ABL
Checked JBL

Date 11/30/17
Revised
Revised

Drawing Title
SINGLE LINE DIAGRAM + PANEL SCHEDULES

Drawing Number
E-7
Of 8

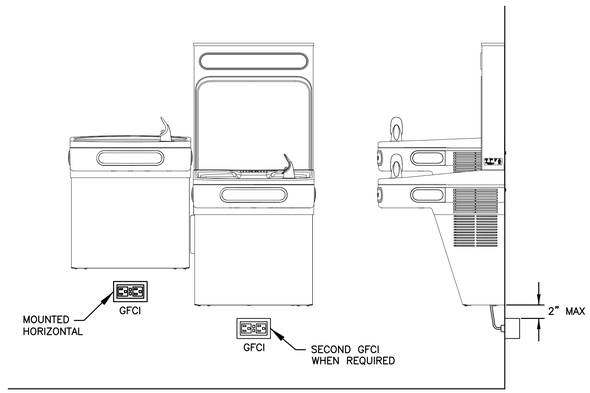
Minimum Cover Requirements, 0 to 600 Volts, Nominal, Burial in Inches

Location of Wiring Method or Circuit	Type of Wiring Method or Circuit				
	Column 1	Column 2	Column 3	Column 4	Column 5
	Direct Burial Cables or Conductors	Rigid Metal Conduit or Intermediate Metal Conduit	Nonmetallic Raceways Listed for Direct Burial Without Concrete Encasement or Other Approved Raceways	Residential Branch Circuits Rated 120 Volts or Less With GFCI Protection and Maximum Protection of 20 Amperes	Circuits for Control of Irrigation and Landscape Lighting Limited to Not More Than 30 Volts and Installed with Type UF or in Other Identified Cable or Raceway
	In Inches	In Inches	In Inches	In Inches	In Inches
All Locations not Specified Below	24	6	18	12	6
In Trench Below 2" Thick Concrete or Equivalent	18	6	12	6	6
Under Building	0 (In Raceway Only)	0	0	0 (In Raceway Only)	0 (In Raceway Only)
Under Minimum of 4" Thick Concrete Exterior Slab With No Vehicular Traffic and the Slab Extending Not Less Than 6" Beyond the Underground Installation	18	4	4	6 (Direct Burial) 4 (In Raceway)	6
Under Streets, Highways, Roads, Alleys, Driveways, and Parking Lots	24	24	24	24	24
One-and Two-Family Dwelling Driveways and Outdoor Parking Areas, and Used Only for Dwelling-Related Purposes	18	18	18	12	18
In or Under Airport Runways, Including Adjacent Areas Where Trespassing is Prohibited	18	18	18	18	18

Notes:

1. Cover is defined as the shortest distance in inches measured between a point on the top surface of any direct-buried conductor, cable, conduit, or other raceway and the top surface of finished grade, concrete, or similar cover.
2. Raceways approved for burial only where concrete encased shall require concrete envelope not less than 2" thick.
3. Lesser depths shall be permitted where cables and conductors rise for termination's or splices or where access is otherwise required.
4. Where one of the wiring method types listed in Columns 1-3 is used for one of the circuit types in Column 4 and 5, the shallower depth of burial shall be permitted.
5. Where solid rock prevents compliance with the cover depths specified in this table, the wiring shall be installed in metal or nonmetallic raceway permitted for direct burial. The raceways shall be covered by a minimum of 2" of concrete extending down to rock.

NATIONAL ELECTRICAL CODE 2014 EDITION

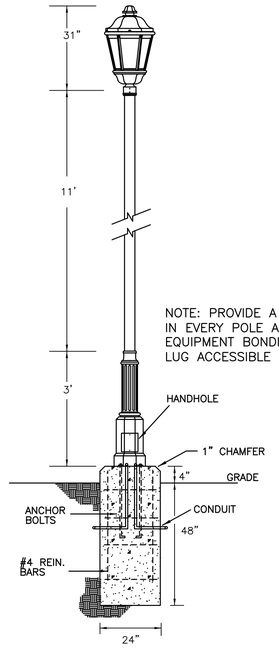


NOTES:

1. GFCI RECEPTACLE IS INTENDED TO BE BELOW THE COOLER AND CONCEALED AS MUCH AS POSSIBLE FROM THE CASUAL OBSERVER. THE GFCI RESET BUTTON SHALL BE ACCESSIBLE WITHOUT REMOVING THE WATER COOLER HOUSING.
2. FIELD VERIFY DIMENSIONS WITH ACTUAL WATER COOLER BEING PROVIDED.

WATER COOLER & GFCI RECEPTACLE DETAIL

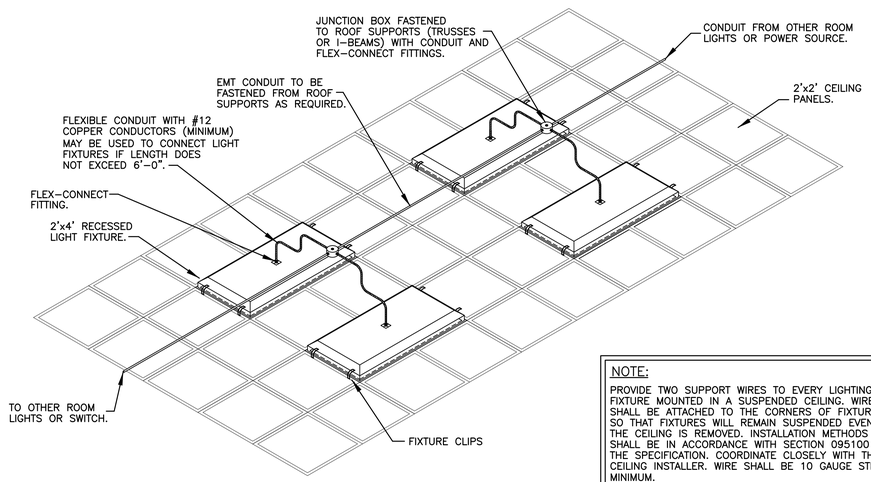
NOT TO SCALE



NOTE: PROVIDE A GROUNDING LUG IN EVERY POLE AND BOND INTO EQUIPMENT BONDING SYSTEM. MAKE LUG ACCESSIBLE THRU THE HANDHOLE.

FIXTURE "LP" POLE DETAIL

NOT TO SCALE

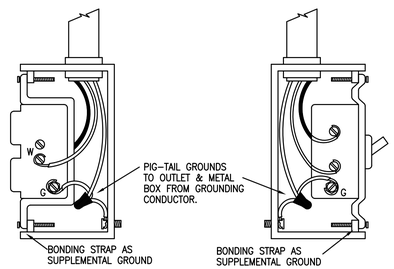


FLEX-CONNECT INSTALLATION DETAILS

NOT TO SCALE

NOTE:
PROVIDE TWO SUPPORT WIRES TO EVERY LIGHTING FIXTURE MOUNTED IN A SUSPENDED CEILING. WIRES SHALL BE ATTACHED TO THE CORNERS OF FIXTURES SO THAT FIXTURES WILL REMAIN SUSPENDED EVEN IF THE CEILING IS REMOVED. INSTALLATION METHODS SHALL BE IN ACCORDANCE WITH SECTION 09510O OF THE SPECIFICATION. COORDINATE CLOSELY WITH THE CEILING INSTALLER. WIRE SHALL BE 10 GAUGE STEEL, MINIMUM.

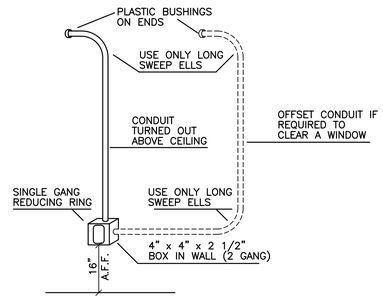
NOTE:
ORIENT GROUND PRONG PER LOCAL JURISDICTION REQUIREMENTS.



RECEPTACLE & SWITCH WIRING DETAIL

SCALE: NOT TO SCALE

CONDUIT STUB-OUT CHART	
CABLE QTY.	CONDUIT SIZE
1 TO 2	3/4"
3 TO 4	1"
5 TO 6	1 1/4" OR 2@3/4"



TELEPHONE, DATA, AND TELEVISION

DETAIL OF OUTLET BOX

NOT TO SCALE

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BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

Job No. 1612 Date 11/30/17
Drawn RAR/ABL Revised
Checked JBL Revised

Drawing Title
DETAILS + NOTES

Drawing Number
E-8
of 8