

PLAN NOTES:

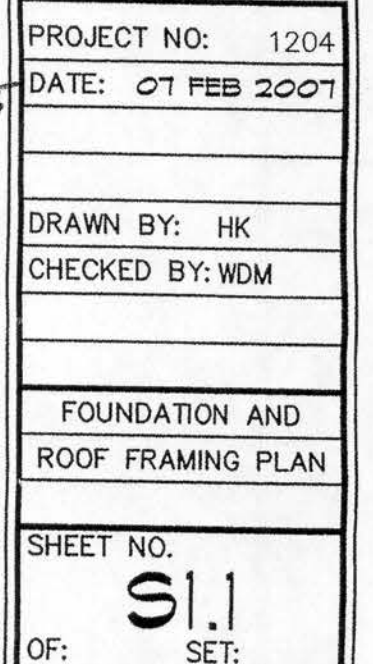
- THIS JOB CONTAINS SIMPSON STRONG-TIE STRONG  
SHEAR WALLS. CONSTRUCTION SEQUENCING IS CRITICAL  
TO THE SMOOTH INSTALLATION OF THIS SYSTEM. PLEASE  
CONTACT SIMPSON BEFORE FOOTINGS ARE POURED  
FOR FURTHER INFORMATION.

PLAN NOTES:  
FOR ALL PLAN NOTES, SEE ROOF FRAMING PLAN NOTES.

PLAN NOTES:

- ND ROOF LEVEL.

MARK DISOWAY, PE 53915  
14 OCT 07

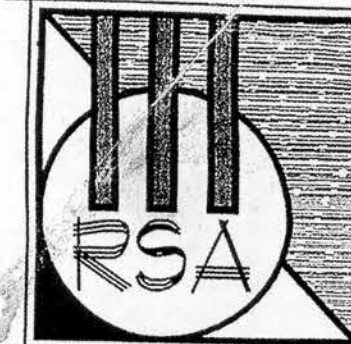


BAILEY, BISHOP, & LANE, INC.  
CIVIL ENGINEERING  
LANDSCAPE DESIGN

**RONALD SCALISI  
ARCHITECTS, P.A.**

CORPORATE LICENSE # AA 0002450

1504 ST. JOHN'S BLUFF ROAD NORTH, SUITE A-5  
JACKSONVILLE FL 32225 (904) 498-8860

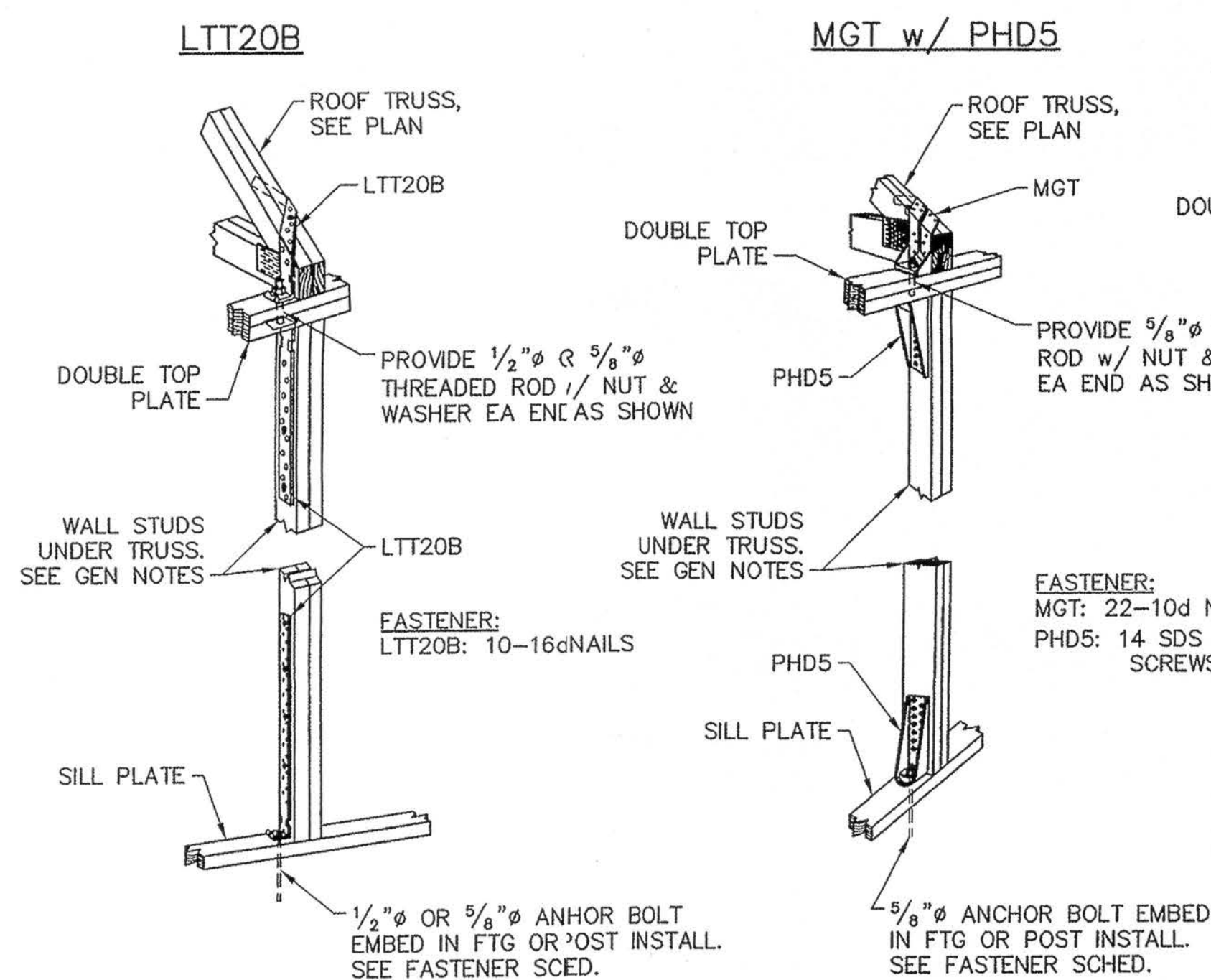




① FASTENER SCHEDULE				
		CONNECTION		
LOCATION	UPLIFT	FASTENER (1)	TRUSS/RAFTER OR STUD POST	PLATE/FDN
ROOF TRUSS (2) (4)	<465# <910# <1750# <3770# <8665#	1-H5 2-H5 1-LTT0B MGT w/ PHD5 HGT w/ 2-HTT22	4-8d 4-8d SEE NOTE 4 SEE NOTE 4 SEE NOTE 4	4-8d 4-8d — — —
TOP PLATE CLIP AT EXT WALLS & INT WALLS W/ ROOF BEARING (5)		SPH @ 32"	12-10dx1 1/2	—
GROUND FLOOR SILL PLATE CLIP AT EXT & INT WALLS W/ ROOF BEARING (5)		SPH @ 32"	12-10dx1 1/2	—
SILL PLATE TO FOUNDATION SLAB OR CMU WALLS (6) (7)		1/2" Ø ANCHOR BOLT W/ 2x2x1/8" W/ WASHER OR "MAS" @ 32"		

#### NOTES:

- ALL CONNECTORS LISTED ARE SIMPSON STRONG-TIE, UON. OTHER MANUFACTURERS MAY BE SUBSTITUTED. NAIL SIZE AND NUMBER SHALL BE IN ACCORDANCE WITH MANUFACTURER'S CATALOG. ROOF TRUSS CLIPS SHALL BE SELECTED TO PROVIDE THE UPLIFT RESISTANCE SHOWN ON THE ROOF TRUSS SHOP DRAWINGS.
- IN ADDITION TO SCHEDULED HOLD DOWN, PROVIDE 3-8d TOE NAILS.
- EMBEDMENT OF BOLTS SHALL BE AS FOLLOWS:  
BOLT TYPE      1/2" Ø      5/8" Ø  
EMBEDDED ANCHOR      7"      2"  
EPOXIED THREADED ROD      6"      7/2"  
EXPANSION ANCHOR      6"      NOT PERMITTED
- ROOF GIRDER (OR TRUSS LOAD GREATER THAN 1750 LBS), TRUSS CONNECTION IS TO STUDS UNDER TRUSS, FROM STUD TO STUD AT EACH FLOOR AND FROM STUD INTO SLAB ON GRADE. SEE DETAIL 6/S2.2
- WHEN TRUSS UPLIFT EXCEEDS 780 LBS, PROVIDE WALL CLIPS AND STRAPPING AT 16" OC, OR LTT20B FROM TRUSS TO STUD AND STUD TO SLAB.
- AT INTERIOR WALLS, 1/2" Ø EXPANSION BOLTS MAY BE SUBSTITUTED. AT EXTERIOR WALLS, 1/2" Ø THREADED RODS EPOXIED INTO THE SLAB MAY BE SUBSTITUTED.
- SEE SHEARWALL SCHEDULE FOR SILL PLATE ATTACHMENT AT SHEARWALLS.



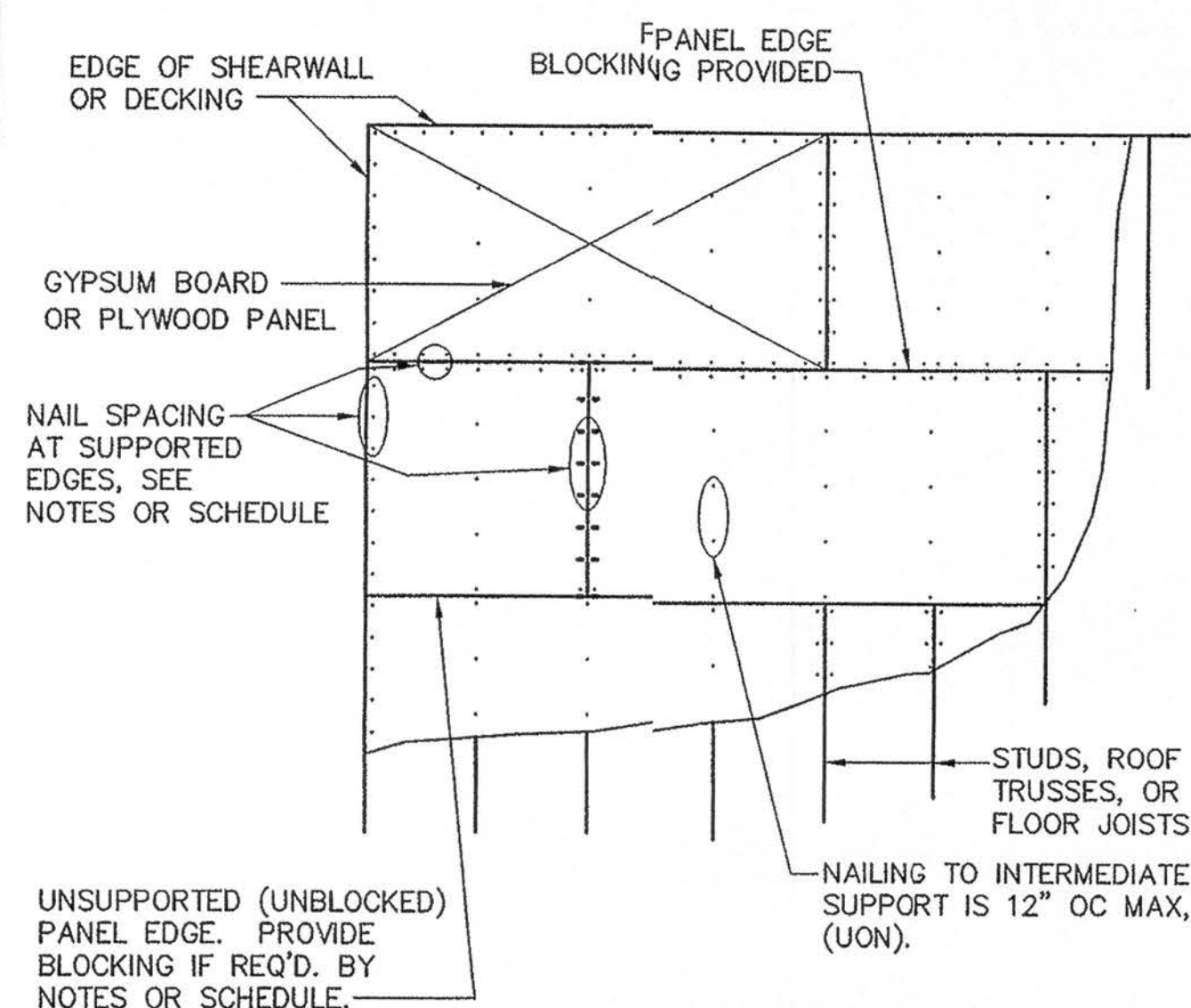
#### TYPICAL GIRDER HOLDDOWNS

DETAIL  
SCALE: NTS

② CONVENTIONAL ROOF FRAMING SCHEDULE		
FRAMING (AT 24" O.C. MAX)	MAXIMUM SPAN	CLIP / STRAP
2x4	7'-0"	H3, H5 OR TS9
2x6	9'-6"	2-H3, 2-H5 OR TS12
2x8	12'-0"	2-H3, 2-H5 OR 2-TS9
2x10	14'-0"	2-H8 OR 2-TS9
2x12	17'-0"	2-H8 OR 2-TS12

#### NOTES:

- USE THIS SCHEDULE FOR AREAS NOT FRAMED WITH ROOF TRUSSES.
- ALL CONNECTORS LISTED ARE SIMPSON STRONG-TIE



#### NAILING REQUIREMENTS FOR ROOF DECK

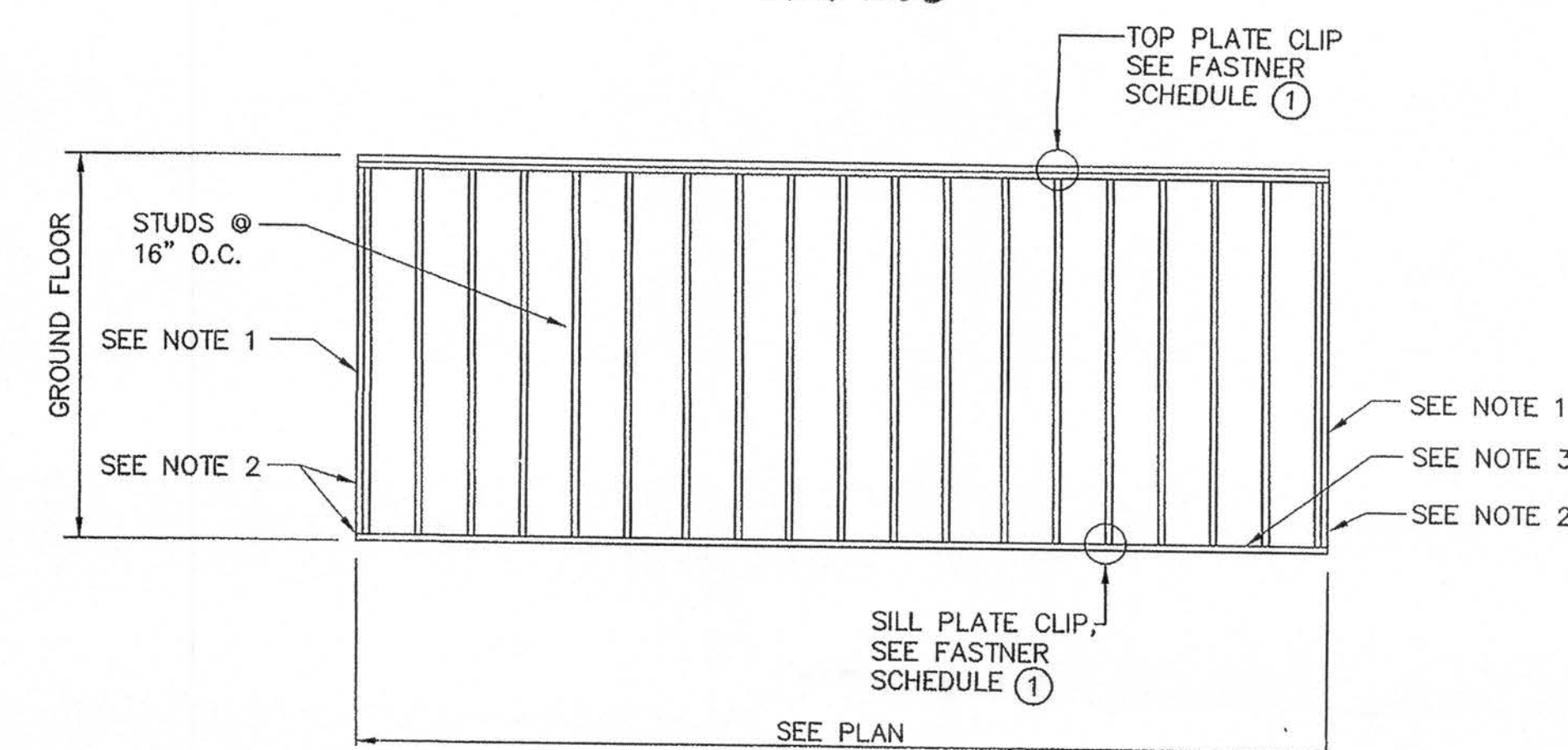
DETAIL  
SCALE: NTS

③ SHEARWALL SCHEDULE (6)									
SHEAR-WALL(1)	FLOOR	SHEATHING TYPE	NAILING (2)			BLOCKING REQUIRED	HOLD DOWN EACH END(4)	# END POST STUDS	SILL PLATE ATTACHMENT (5)
			SIZE	EDGE SPACING	INTERMEDIATE SPACING		⊗ SLAB		
SW6	GROUND	7/16" OSB	8d	6"	12"	YES (3)	MTT28B	2	1/2" Ø A. BOLT ⊗ 32" OR MAS @ 32"
SW10	SEE DETAIL 10/S2.3		ALTERNATE SOLID STUD PACK WITH FORCE TRANSFER AT OPENINGS (SEE S.I.1 APPENDUM)						

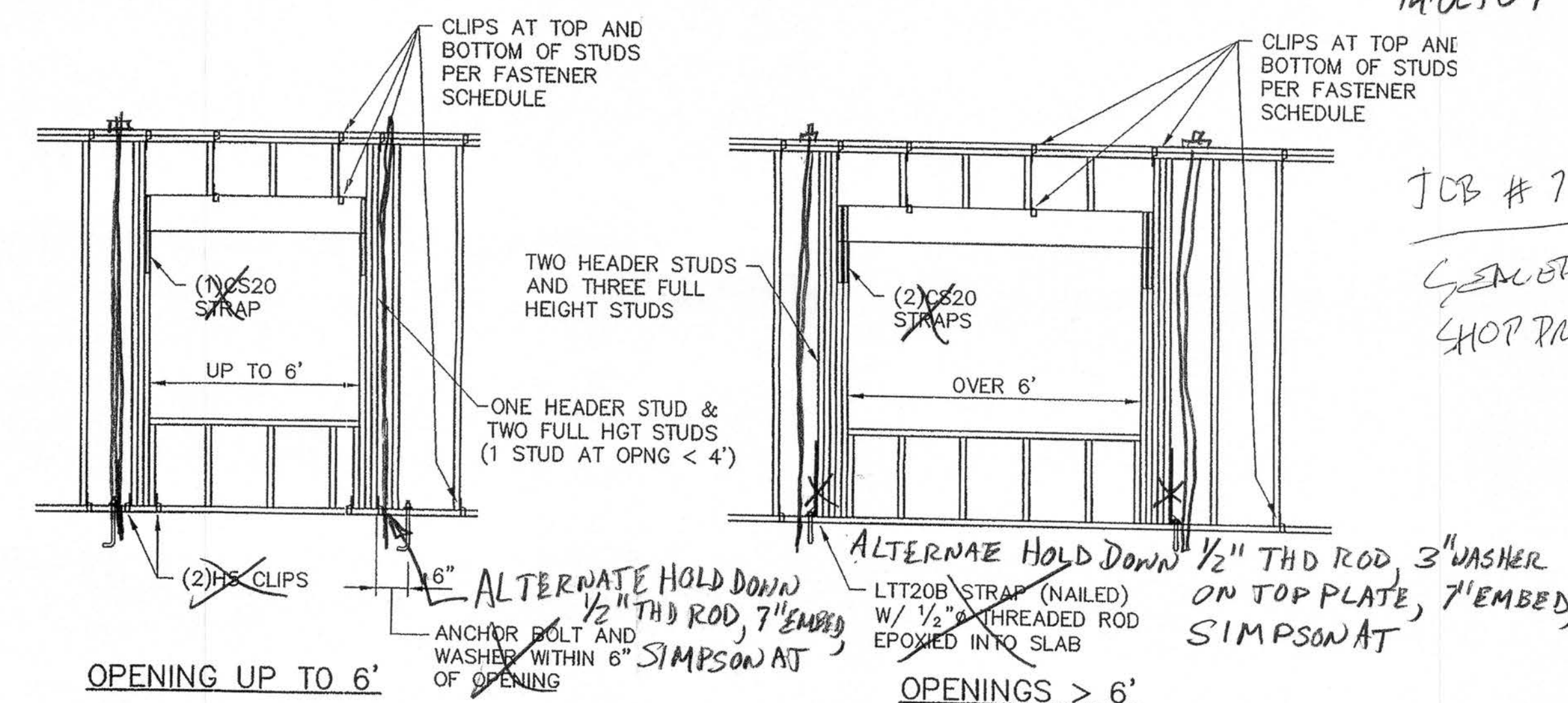
#### NOTES:

- SEE PLANS FOR SHEARWALL LOCATIONS.
- SEE DETAIL 5/S2.2 FOR TYPICAL SHEARWALL CONSTRUCTION.
- SEE DETAIL 4/S2.2 FOR EXAMPLES OF PANEL NAILING PATTERNS WHERE BLOCKING IS REQUIRED.
- ONLY ONE HOLDDOWN IS REQUIRED AT INTERSECTING OUTSIDE CORNER SHEARWALLS WHICH HAVE A COMMON END POST (USE LARGER HOLDDOWN).
- 1/2" Ø ANCHOR BOLTS SHALL BE EMBEDDED A MINIMUM OF 7" INTO THE SLAB. AT INTERIOR WALLS NOT LOCATED ALONG THE EDGE OF THE SLAB, 1/2" Ø EXPANSION BOLTS EMBEDDED 4" MAY BE SUBSTITUTED FOR CAST-IN-PLACE ANCHOR BOLTS. AT EXTERIOR WALLS, 1/2" Ø BOLTS EPOXIED INTO SLAB MAY BE SUBSTITUTED.
- SW 24x10 IS SIMPSON STRONG-TIE STRONG-WALL SHEAR WALL THAT IS 24" WIDE FOR 10' PLATE. INSTALL PER SIMPSON'S INSTRUCTIONS.

ALTERNATE FORCE TRANSFER AT OPENINGS WITH 2 STUDS MIN EACH SIDE OF EACH OPENING (SEE S.I.1 ADDENDUM SHEET SHOP DWG)



ELEVATION — TYPICAL SHEARWALL ELEVATION  
SCALE: NTS



#### STRAPPING REQUIREMENTS AT INTERIOR LOAD BEARING WALL OPENINGS

DETAIL  
SCALE: NTS

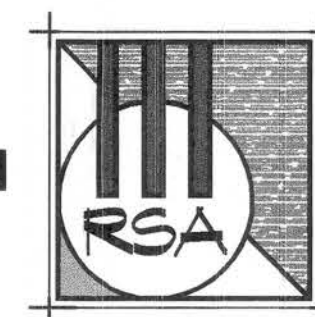


NEW AMENITY CENTER & ENTRANCE FOR  
**THE PRESERVE AT  
 LAUREL LAKE**  
 LAKE CITY, FLORIDA  
 FOR  
 RESIDENTIAL DEVELOPMENT GROUP, LLC  
 CONSTRUCTION DOCUMENTS

**RONALD SCALISI ARCHITECTS, P.A.**

CORPORATE LICENSE #A/A0002450

PROJECT # 1204



MCVEGH AND MANGUM ENGINEERING  
 MECHANICAL, ELECTRICAL, PLUMBING,  
 & STRUCTURAL ENGINEERING

BAILEY, BISHOP, AND LANE, INC.  
 CIVIL ENGINEERING & LANDSCAPE DESIGN

FILE COPY

*Ronald L. Scalisi*  
 Ronald L. Scalisi  
 PE #11477  
 17 July 2007

△ 17 JULY 2007  
 DATE: 05 FEB. 2007  
 SHEET NO.  
**T-1**  
 OF: SET:







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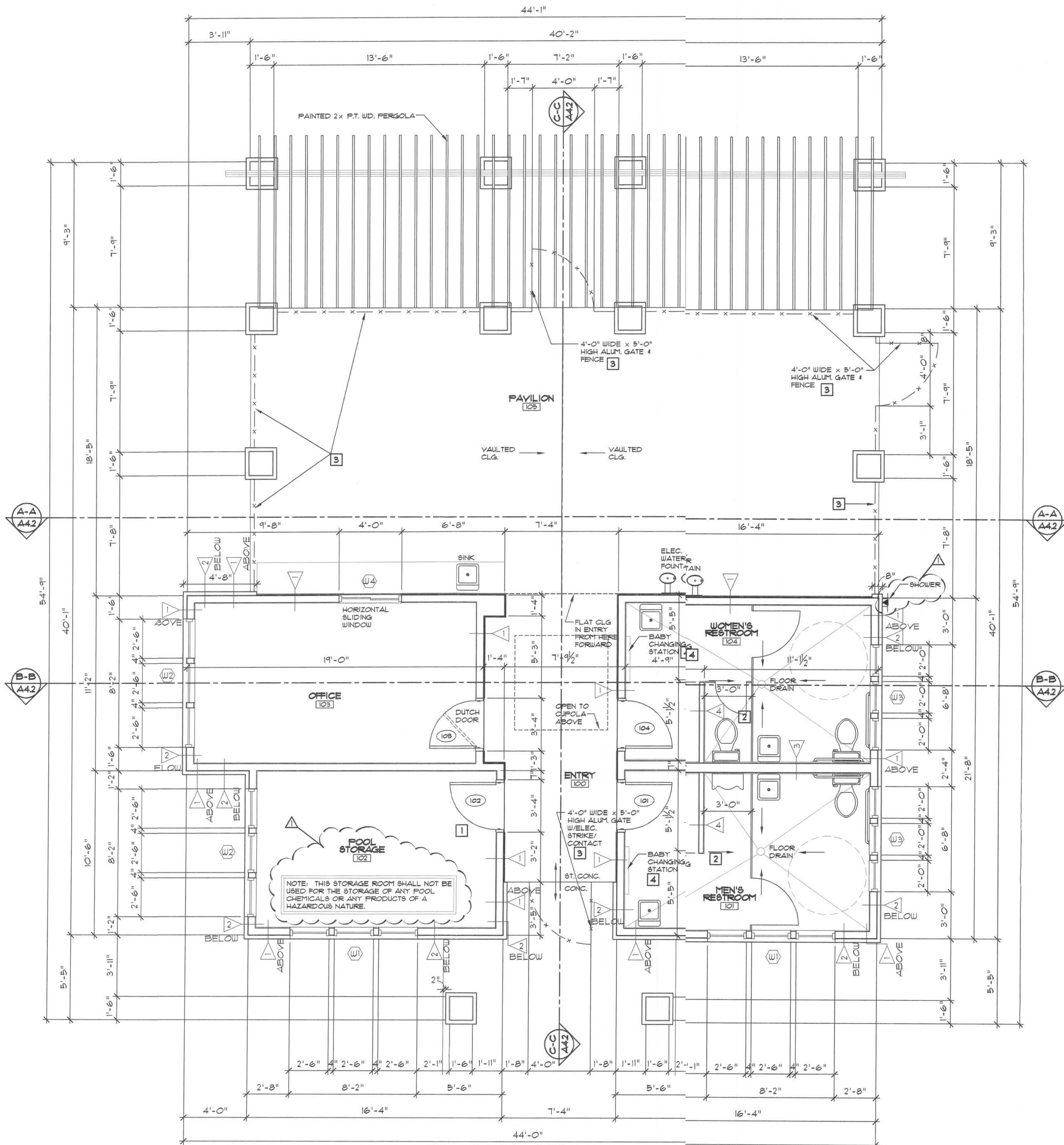
FINISH SCHEDULE										
ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING	HEIGHT (AFF.)	NOTES/REMARKS
				N	E	S	W			
100	ENTRY	ST. CON.	HARDI-TRIM/PT	HARDI-SIDING/PT	HARDI-SIDING/PT	HARDI-SIDING/PT	HARDI-SIDING/PT	VINYL	±11'-0"	
101	MEN'S RR	ST. CON.	HARDI-TRIM/PT	M.R. GUB/PT	M.R. GUB/PT	M.R. GUB/PT	M.R. GUB/PT	ALUM.	±11'-0"	
102	STORAGE	ST. CON.	HARDI-TRIM/PT	M.R. GUB/PT	M.R. GUB/PT	M.R. GUB/PT	M.R. GUB/PT	ALUM.	±11'-0"	
103	OFFICE	ST. CON.	HARDI-TRIM/PT	M.R. GUB/PT	M.R. GUB/PT	M.R. GUB/PT	M.R. GUB/PT	ALUM.	±11'-0"	
104	WOMEN'S RR	ST. CON.	HARDI-TRIM/PT	M.R. GUB/PT	M.R. GUB/PT	M.R. GUB/PT	M.R. GUB/PT	ALUM.	±11'-0"	
105	PAVILION	ST. CON.	HARDI-TRIM/PT	-	-	HARDI-SIDING/PT	-	VINYL	VAULT	

NCE: CAULK FLOOR TO BASE CONTINUOUS

DOOR SCHEDULE										
DOOR	TYPE	DOOR				H/W SET (SEE A5.1)	FRAME			REMARKS/NOTES
		WIDTH	HEIGHT	THICK.	MAT'L		JAMB	HEAD	MAT'L	
101	A	3'-0"	7'-0"	1 3/4"	GALV. HM.	1	FI	8/A21 8/PT	8/A21	GALV. HM. ALUM. #
102	A	3'-0"	7'-0"	1 3/4"	GALV. HM.	1	FI	8/A21 8/PT	8/A21	GALV. HM. ALUM. #
103	B	3'-0"	7'-0"	1 3/4"	GALV. HM.	1	FI	8/A21 8/PT	8/A21	GALV. HM. ALUM. #
104	A	3'-0"	7'-0"	1 3/4"	GALV. HM.	1	FI	8/A21 8/PT	8/A21	GALV. HM. ALUM. #

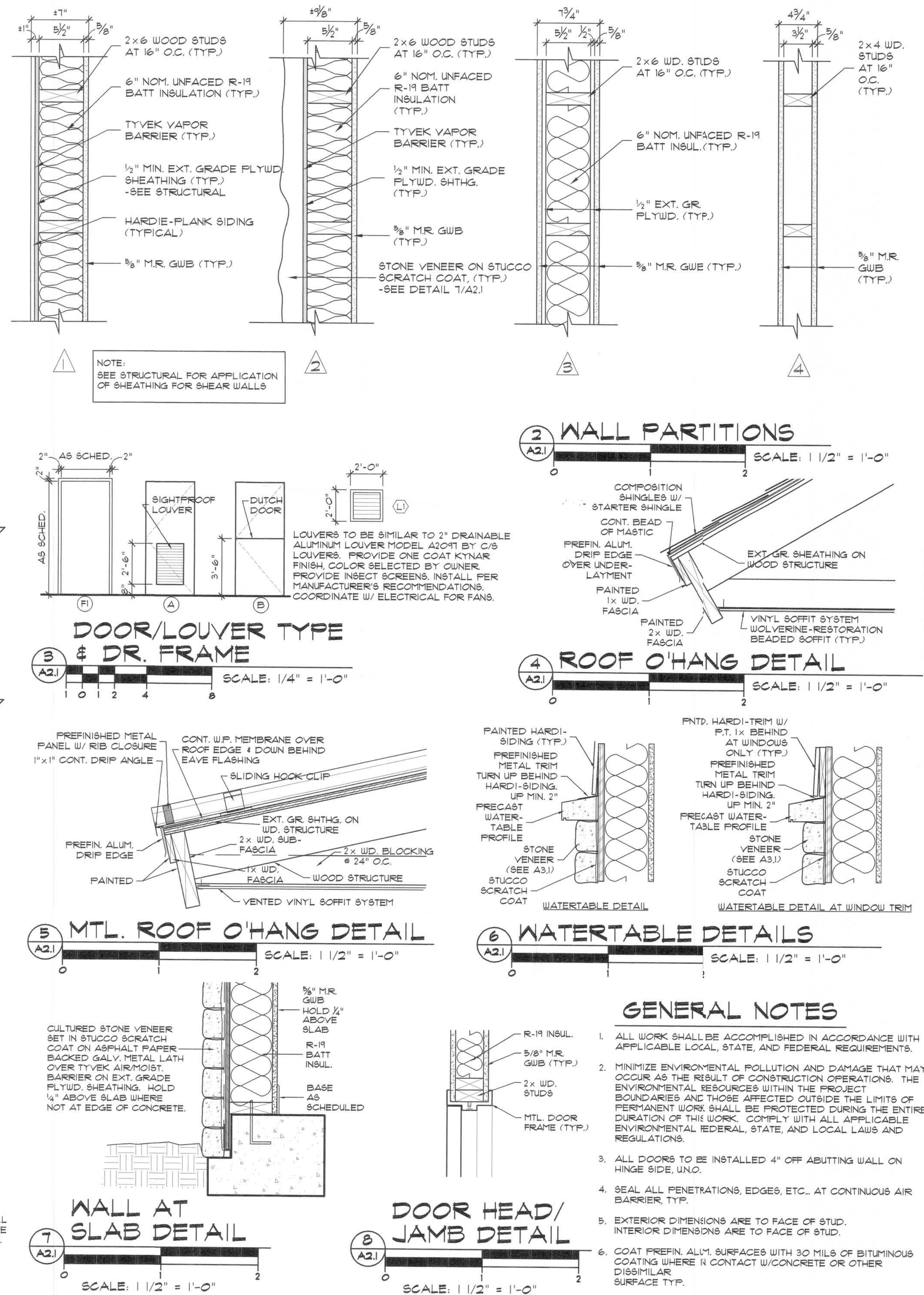
\* PAINT ALL DOORS AND FRAMES

LEGEND OF ABBREVIATIONS										
ACT	- INDICATES -	ACOUSTICAL TILE CEILING, SUSPENDED	HM	- INDICATES -	HOLLOW METAL/PAINTED	FR	- INDICATES -	FAIR		
AL	- INDICATES -	ALUMINUM/PREFIN.	PT	- INDICATES -	PAINT	SC	- INDICATES -	SEALED CONCRETE		
BF	- INDICATES -	BI-FOLD	ST CONC.	- INDICATES -	STAINED CONCRETE	VB	- INDICATES -	VINYL BASE		
CPT	- INDICATES -	CARPET	VCT	- INDICATES -	VINYL COMPOSITION TILE	WB	- INDICATES -	WOOD BASE		
CT	- INDICATES -	CERAMIC TILE	GL	- INDICATES -	GLASS	WD	- INDICATES -	WOOD DOOR (SOLID CORE)/TRANSP. FIN.		
GALV.	- INDICATES -	GALVANIZED/PAINTED								
GB	- INDICATES -	GYP/SUM BOARD (MR - MOISTURE RESISTANT)								



#### PLAN NOTES:

- DOORS TO STORAGE ROOMS ARE SELDOM USED AND KEPT LOCKED WHEN NOT IN USE.
- SLOPES IN BATHROOM AREAS SHALL BE 1/8" PER FOOT.
- 3 FOOT HIGH PREFINISHED ALUMINUM FENCE AND GATE SYSTEM COMPLETE WALL MOUNTING AND ASSEMBLY HARDWARE. SELF-CLOSING/SELF-LATCHING GATE OPERATION AND LOCKING HARDWARE EQUAL TO "CAROLINA STYLE 4403" BY IDEAL ALUMINUM PRODUCTS. MOUNT FENCE/GATE SYSTEM AT MAXIMUM 2" ABOVE CONCRETE. OPENINGS IN FENCE SHALL NOT ALLOW PASSAGE OF A 4" DIAMETER SPHERE.
- BABY CHANGING STATION SHALL BE EQUAL TO HORIZONTAL TYPE KOALA BEAR CARE KB100-00. INSTALL PER MANUFACTURER'S SPECIFICATIONS.



**RONALD SCALISI ARCHITECTS, P.A.**  
CORPORATE LICENSE # AA 0002450  
1504 ST. JOHNS BLUFF ROAD NORTH, SUITE A-5  
JACKSONVILLE FL 32225 (904) 948-6560

SEAL: RONALD L. SCALISI  
ARCHITECT  
17 July 2007

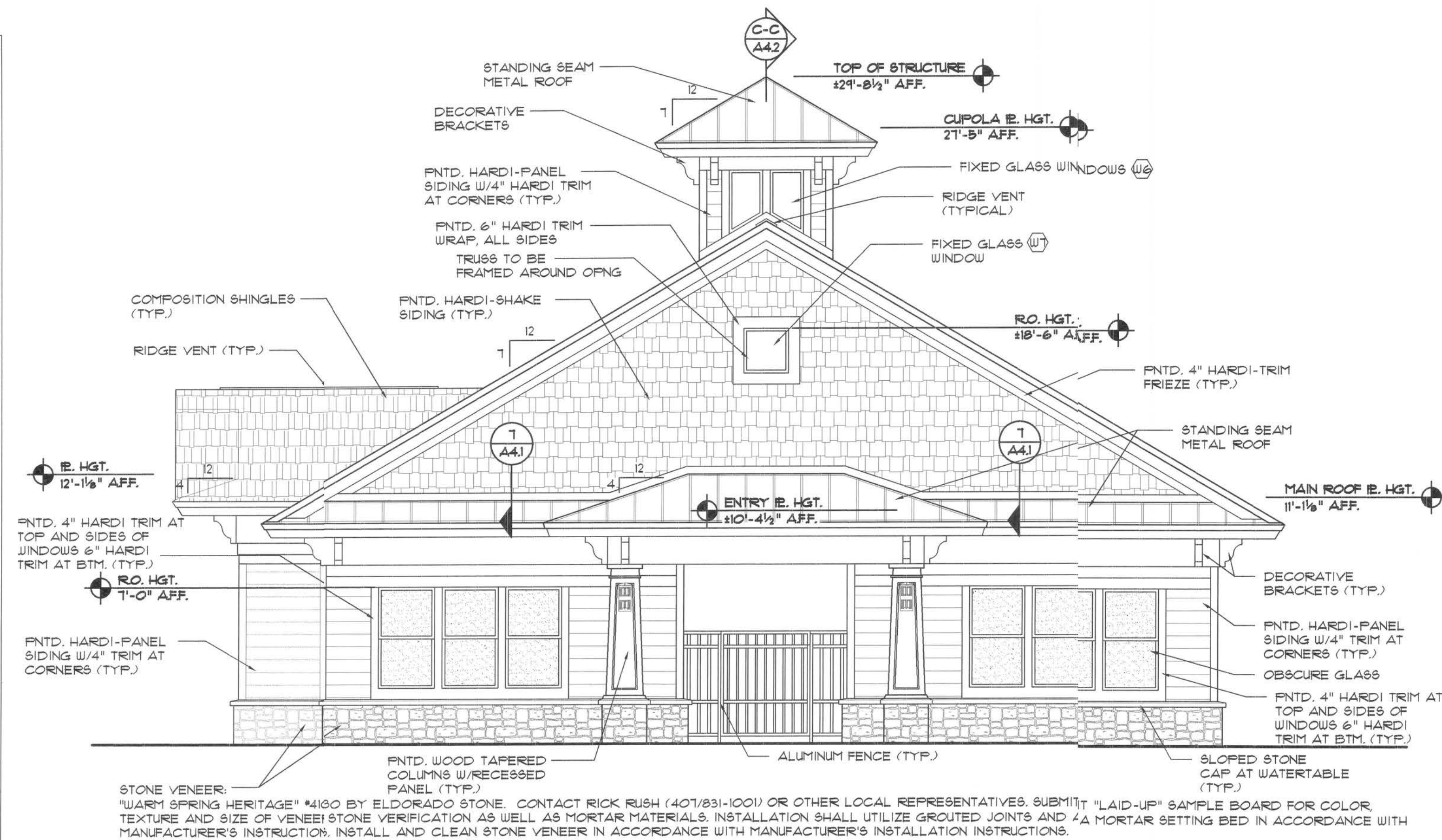
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NATURE & LANDSCAPE ENGINEERING, INC.  
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MECHANICAL ENGINEERING  
ELECTRICAL ENGINEERING  
PLUMBING ENGINEERING

NEW AMENITY CENTER AND ENTRANCE FOR  
THE PRESERVE AT LAUREL LAKE  
LAKE CITY, FLORIDA

PROJECT NO: 1204  
DATE: 05 FEB. 2007  
17 JULY 2007  
DRAWN BY: WDC  
CHECKED BY: RL6  
FLOOR PLAN, SCHED.  
WALL PARTITIONS, 4  
DETAILS  
SHEET NO.  
A2.1  
OF SET

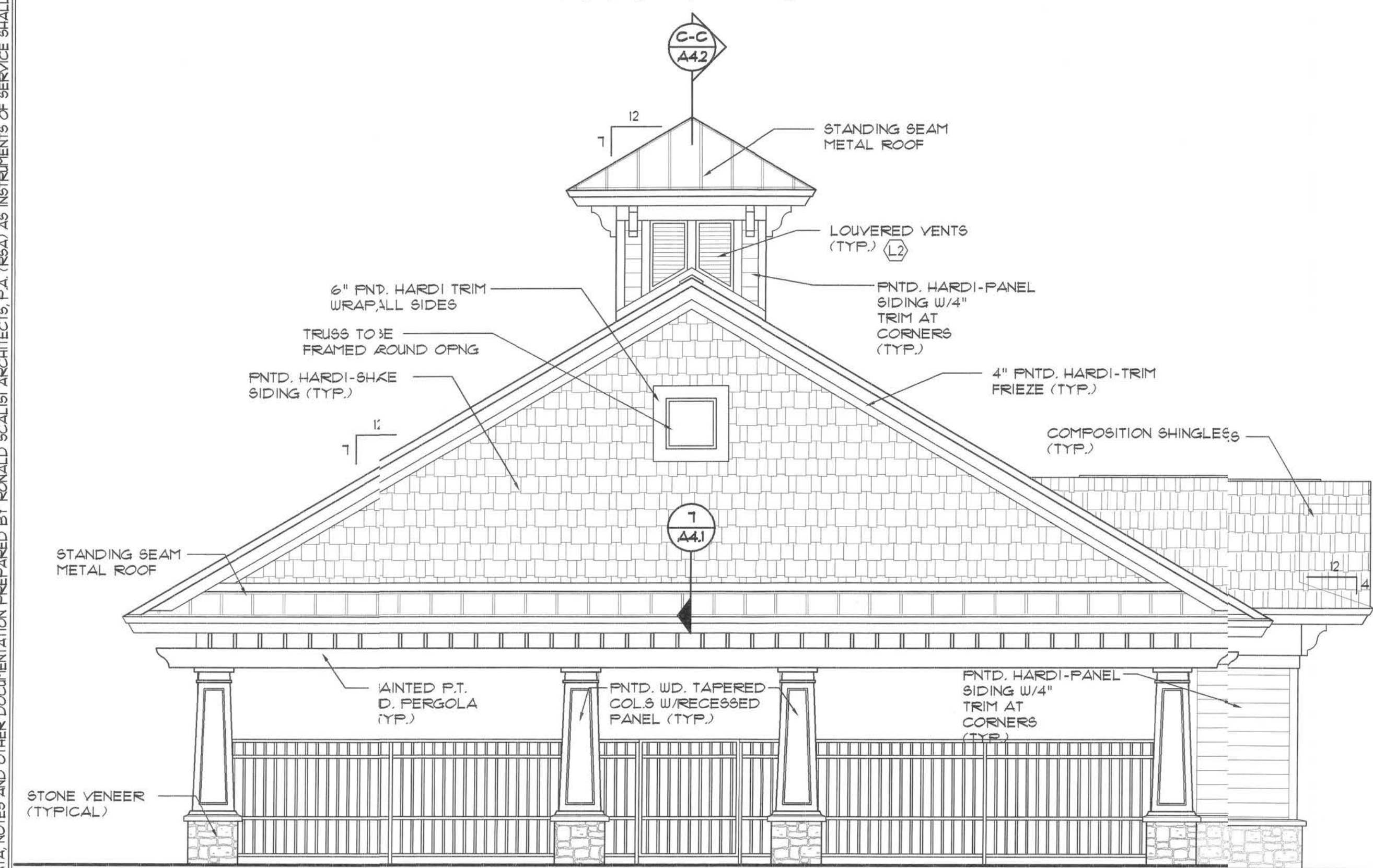


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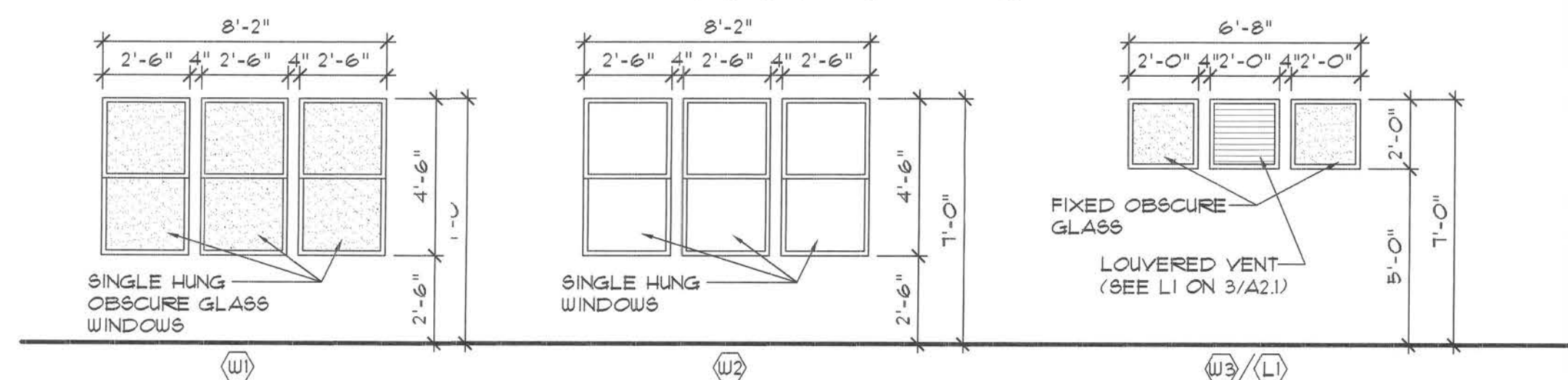
SOUTHEAST ELEVATION

1 0 2 4 8



NORTHWEST ELEVATION

1 0 2 4 8



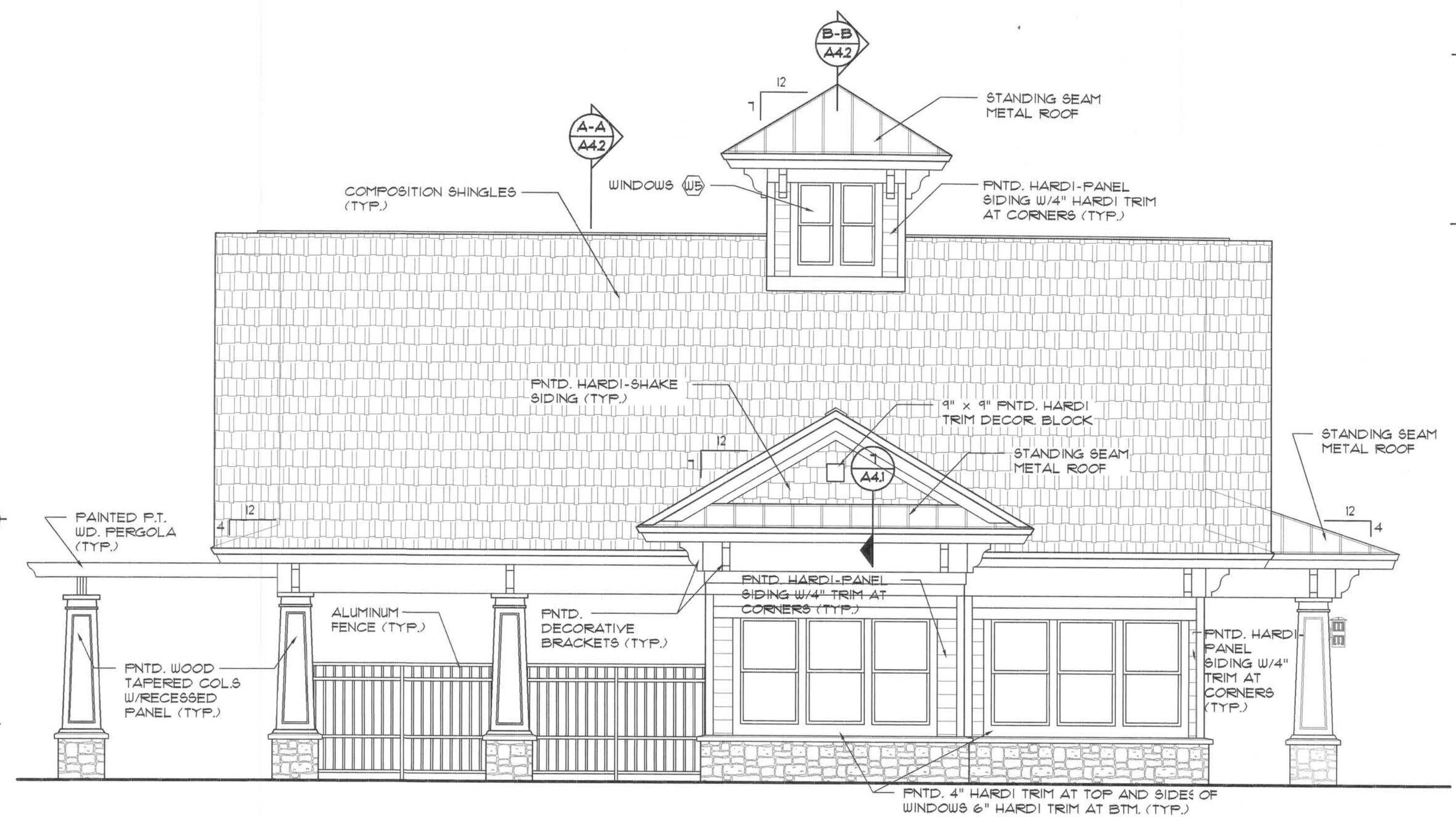
WINDOW TYPES

1.1. WINDOWS SHALL BE PREFINISHED ALUMINUM, COLOR SELECTED BY OWNER, W/NOMINAL 1/4" CLEAR OR OBSCURE GLASS IN MANUFACTURER'S STANDARD FRAMES IN DESIGNATED CONFIGURATION. MANUFACTURER: KINCO OR APPROVED SUBSTITUTION DESIGNED TO WITHSTAND CODE WINDLOAD REQUIREMENTS AT THE PROJECT SITE. INSTALL PER MANUFACTURER'S REQUIREMENTS.

WINDOW TYPES

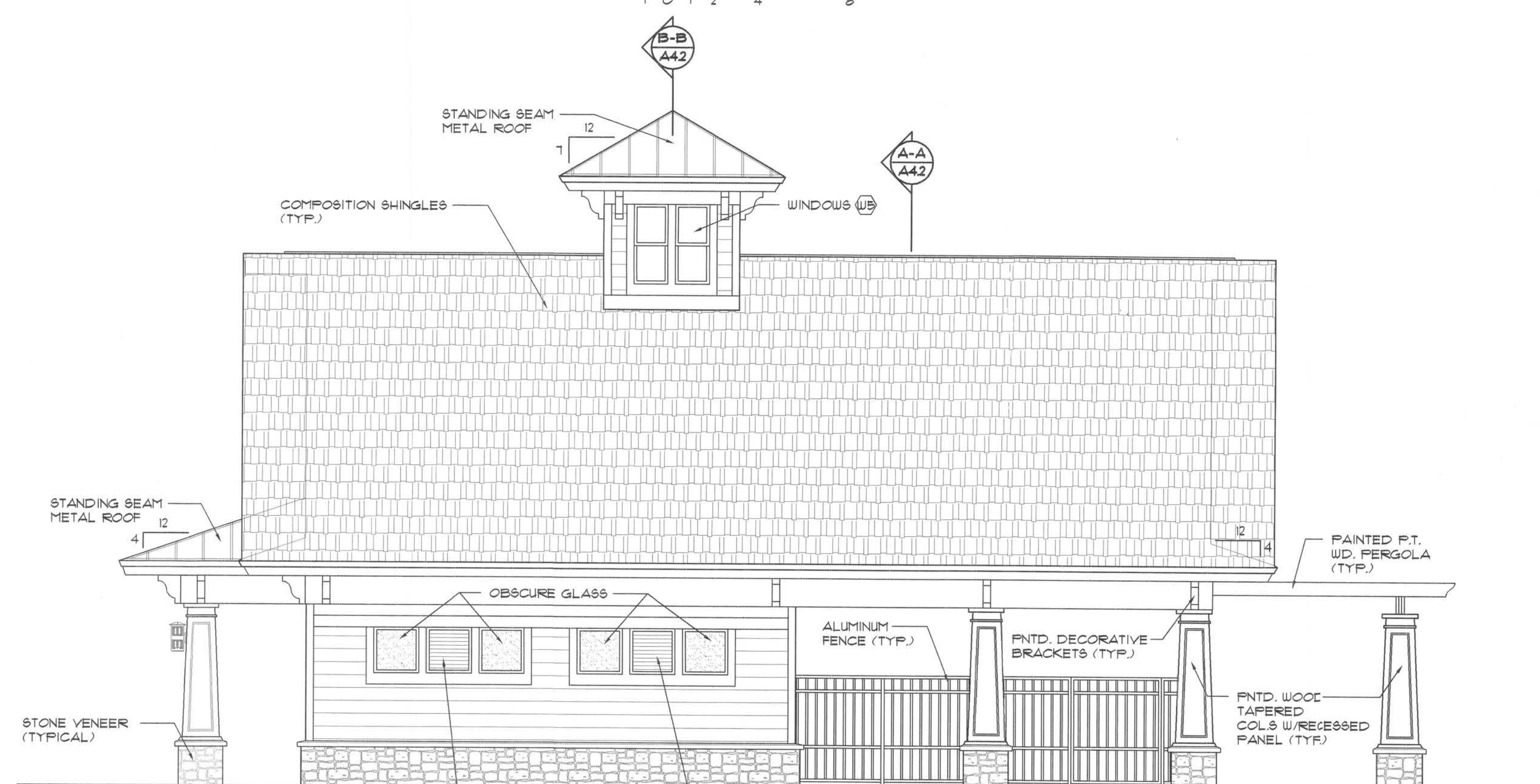
1 0 2 4 8

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



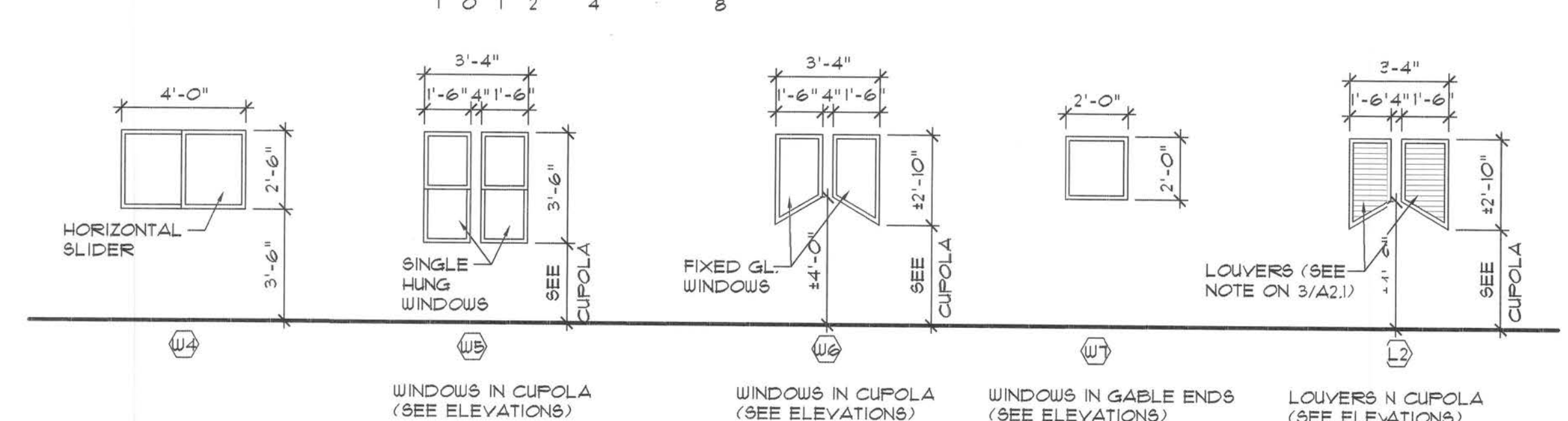
SOUTHWEST ELEVATION

1 0 2 4 8



NORTHEAST ELEVATION

1 0 2 4 8



RONALD SCALISI ARCHITECTS, P.A.

CORPORATE LICENSE # AA 0002450

1804 ST. JOHN'S BLUFF ROAD NORTH, SUITE A-5

JACKSONVILLE FL 32225 (904) 952-8860

SEAL: RONALD L. SCALISI

ARCHITECT

BAILEY BRADY & LANE, INC.

LANDSCAPE DESIGN

NEW AMENITY CENTER AND ENTRANCE FOR  
THE PRESERVE AT LAUREL LAKE  
LAKE CITY, FLORIDA

PROJECT NO. 1204

DATE: 03 FEB. 2007

N/A THIS SH.

DRAWN BY: WDC

CHECKED BY: RLS

EXTERIOR  
ELEVATIONS

4 WINDOW TYPES

SHEET NO.

A3.1

OF SET



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**RONALD SCALISI  
ARCHITECTS, P.A.**

CORPORATE LICENSE # AA 0002480  
1804 ST. JOHN'S BLUFF ROAD NORTH, SUITE A-5  
JACKSONVILLE FL 32225 (904) 988-9860

SEAL: RONALD L. SCALISI  
ARCHITECT

*Ronald L. Scalisi*  
17 July 2007

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LANDSCAPE DESIGN

McVEIGH & MANSUM ENGINEERS, INC.  
MECHANICAL ENGINEERING  
ELECTRICAL ENGINEERING  
PLUMBING ENGINEERING

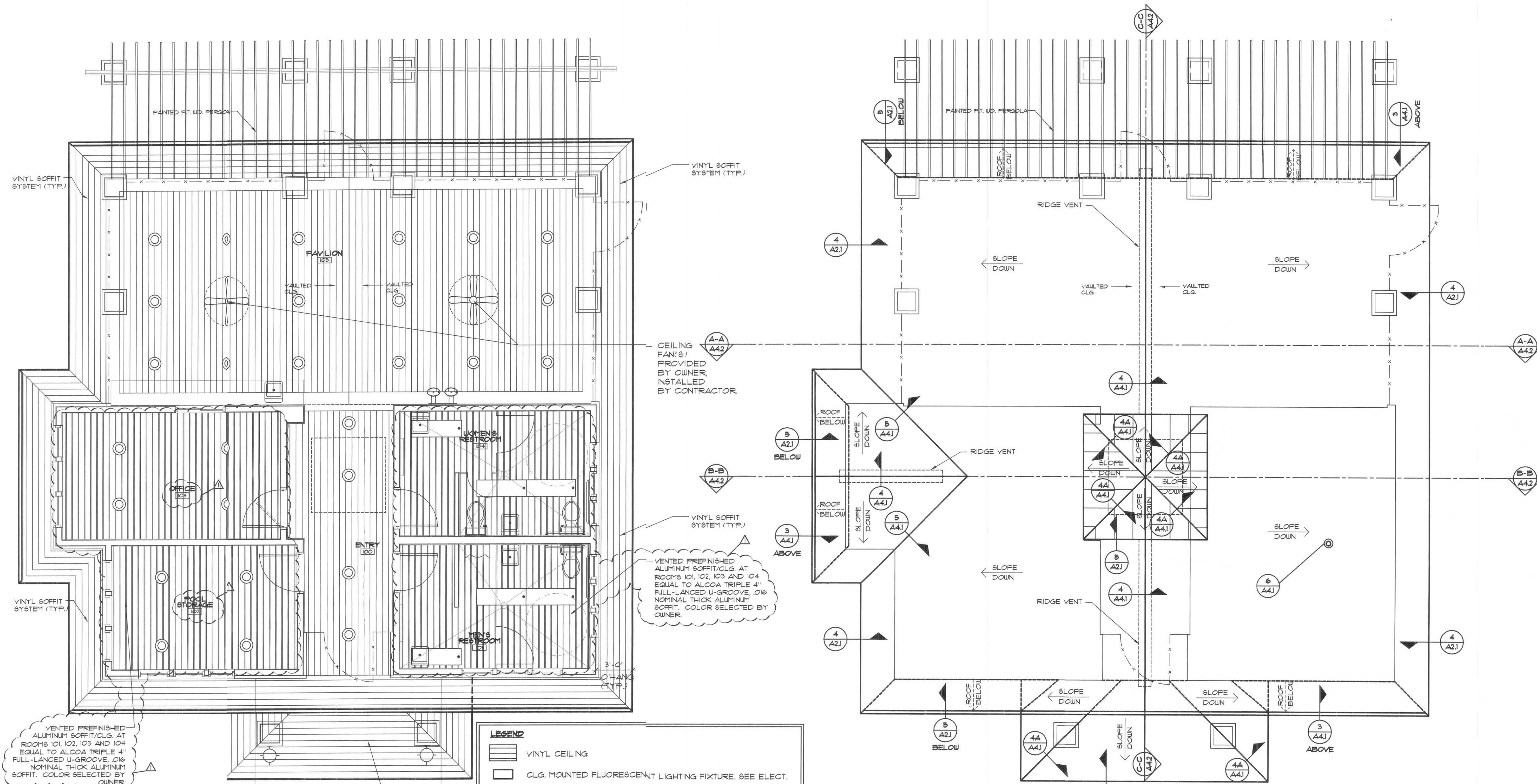
NEW AMENITY CENTER AND ENTRANCE FOR  
**THE PRESERVE AT LAUREL LAKE**  
LAKE CITY, FLORIDA

PROJECT NO: 1204  
DATE: 05 FEB. 2007  
DATE: 17 JULY 2007

DRAWN BY: WDC  
CHECKED BY: RLS

REFL. CLG. PLAN,  
ROOF PLAN, &  
ROOF DETAILS

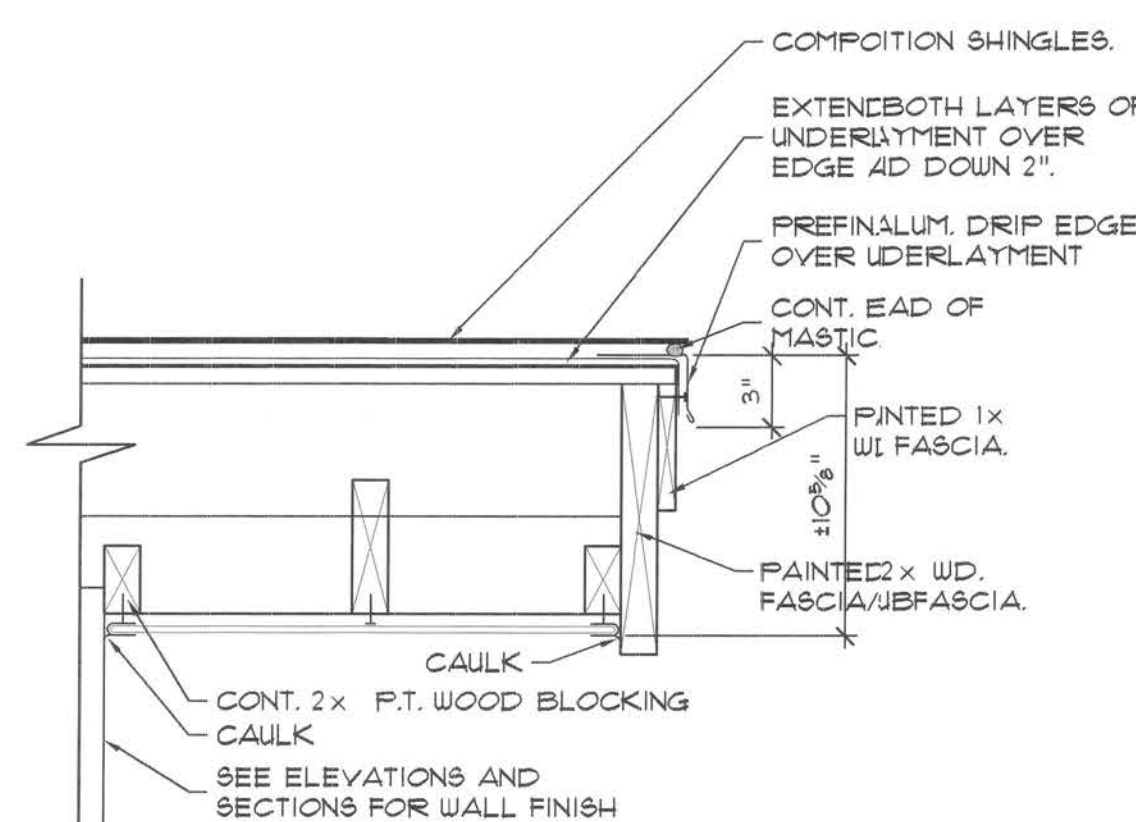
SHEET NO.  
**A4.1**  
OF: SET:



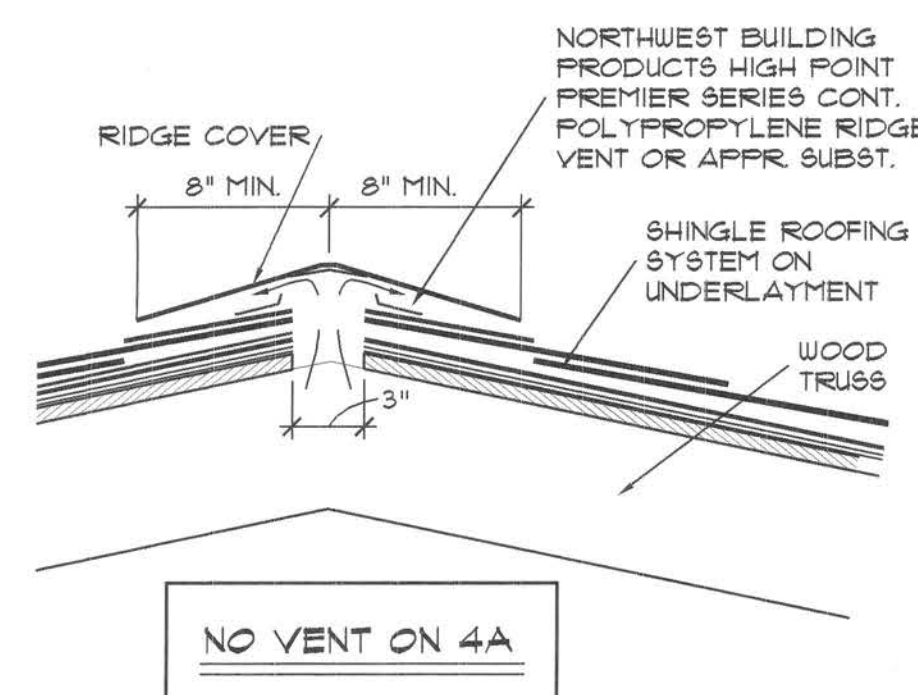
**REFLECTED CEILING PLAN**  
SCALE: 1/4" = 1'-0"

- LEGEND**
- VINYL CEILING
  - CLG. MOUNTED FLUORESCENT LIGHTING FIXTURE. SEE ELECT.
  - BATHROOM LIGHT FIXTURE. SEE ELECT.
  - INCANDESCENT LIGHTING FIXTURE. SEE ELECT.
  - WALL MOUNTED LIGHTING FIXTURE. SEE ELECT.
  - EXIT LIGHT FIXTURE. SEE ELECT.
  - AIR SUPPLY GRILLE. SEE MECH.
  - AIR RETURN GRILLE. SEE MECH.

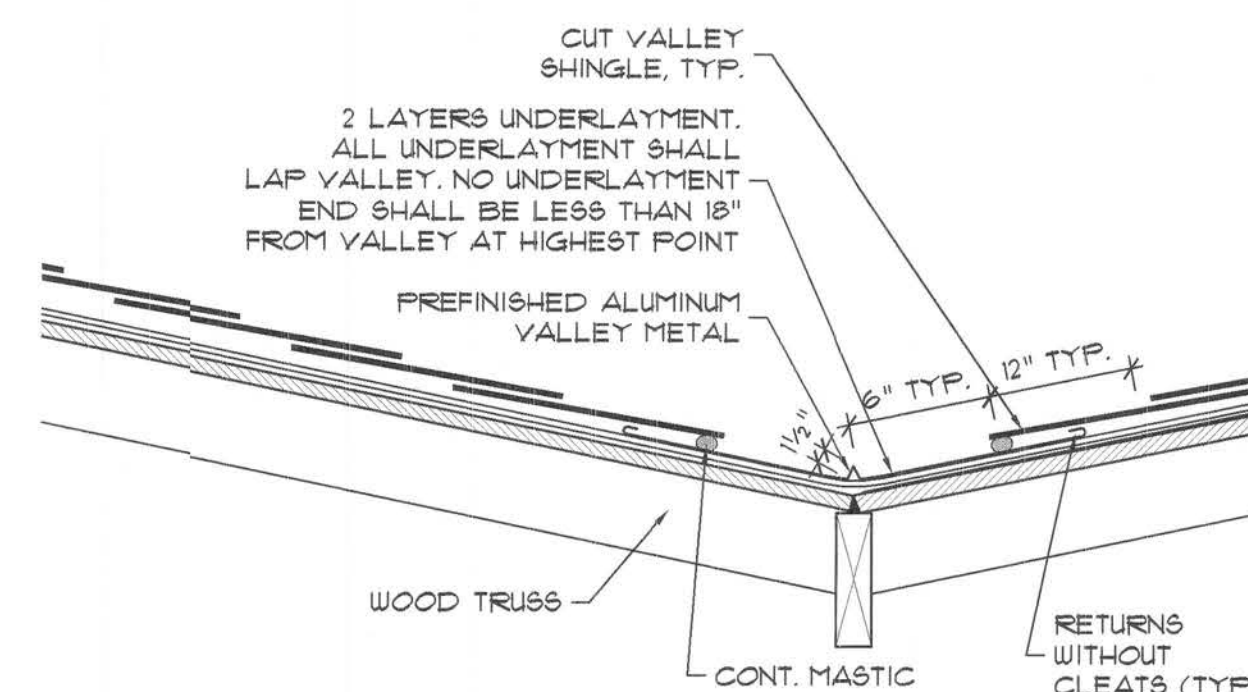
**2 ROOF PLAN**  
SCALE: 1/4" = 1'-0"



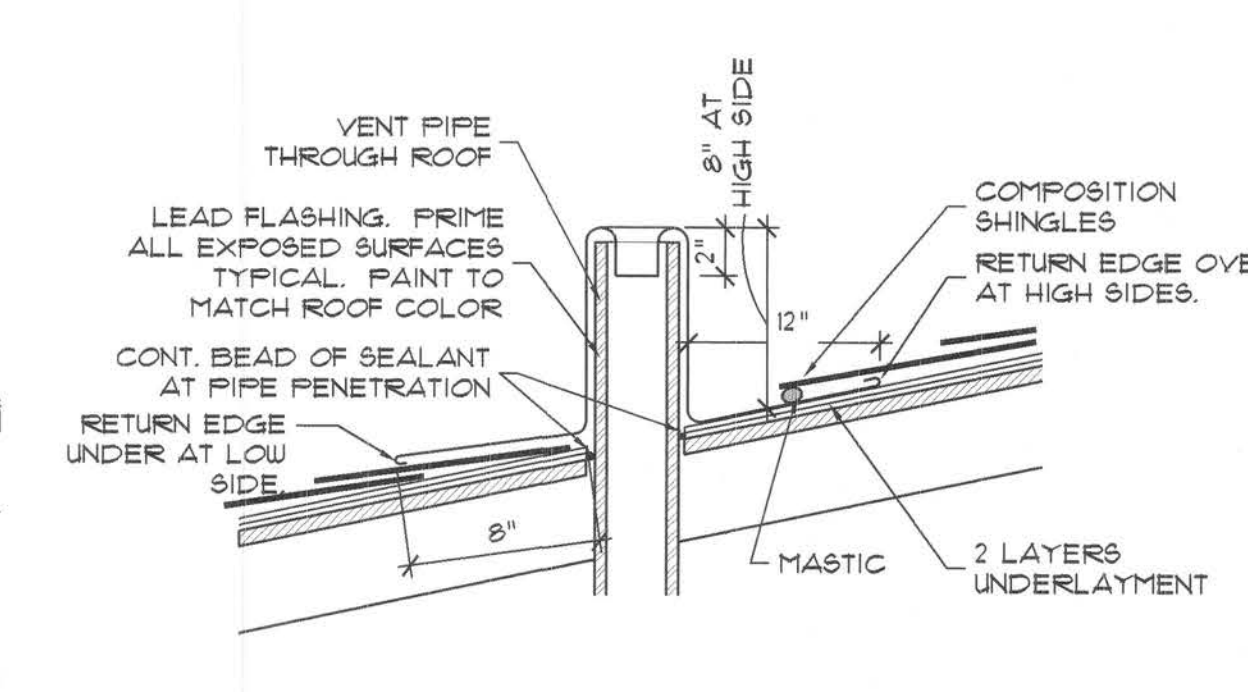
**3 RAKE O'HANG DETAIL**  
SCALE: 1/2" = 1'-0"



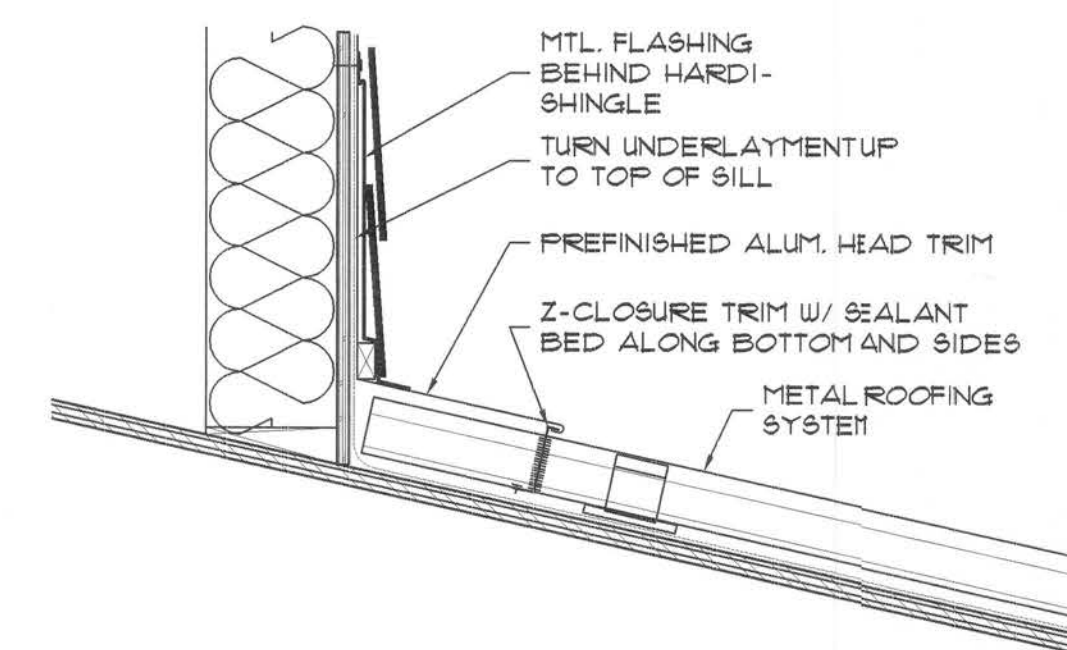
**4 RIDGE DETAIL**  
SCALE: 1/2" = 1'-0"



**5 VALLEY DETAIL**  
SCALE: 1/2" = 1'-0"



**6 PLUMBING PENETRATION DET.**  
SCALE: 1/2" = 1'-0"




**7 METAL ROOF DETAIL**  
SCALE: 1/2" = 1'-0"



Architectural cross-section drawing of a building. The drawing shows the interior layout and structural details. Key components and callouts include:

- Roof and Exterior:**
  - HARDI-PANEL SIDING W/4" TRIM AT CORNERS (TYP.)
  - LOUVERED VENT W/FAN BEHIND, TYPE L1 SEE 3/A21
  - PRE-ENGINEERED WD. TRUSSES (TYP.)
  - 2x OUTRIGGER VINYL SOFFIT SYSTEM (TYP.)
- Interior Structure:**
  - PRE-ENGINEERED WD. TRUSSES (TYP.)
  - PREFIN. ALUM. CLG. (TYPICAL)
  - ALUM. GATE BEYOND
  - PROPPED SOFFIT AREA FOR TRUSS W/PREFIN. ALUM. CLG.
  - VINYL BASE (TYPICAL)
- Room Details:**
  - RESTROOM PARTITION
  - VINYL BASE II (TYPICAL)

SECTION 2-2




SEAL: RONALD L. SCALISI  
AR 001471

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CIVIL ENGINEERING  
LANDSCAPE DESIGN

MCVEIGH & MANSUM ENGINEERING, INC.  
STRUCTURAL ENGINEERING  
MECHANICAL ENGINEERING  
ELECTRICAL ENGINEERING  
PLUMBING ENGINEERING

NEW AMENITY CENTER AND ENTRANCE FOR  
THE PRESERVE AT LAUREL LAKE  
LAKE CITY, FLORIDA

PROJECT NO:	1204
DATE:	05 FEB. 2007
	17 JULY 2007
DRAWN BY: WDC	
CHECKED BY: RLS	
BUILDING SECTIONS	
4 ENTRANCE SIGN	
SHEET NO.	
A4.2	
OF:	SET:



0100-GENERAL REQUIREMENTS

1. Definitive for purposes of this contract document.

**Owner:** Residential Development Group, LLC  
2806 U.S. Hwy 90 West  
Lake City, FL 32055

The term "owner" referred to throughout the Contract Documents mean the Owner or his authorized representative.

**Architect:** Ronald Scalis Architects, P.A.  
1304 St. Johns Bluff Rd. N. Suite A-5  
Jacksonville, FL 32225

The term "Architect" referred to throughout the Contract Documents mean Ronald Scalis or an authorized representative.

**Contractor:** To Be Determined

The term "Contractor" referred to throughout the Contract Documents means (To Be Determined) or their authorized representative.

2. General Conditions - AIA

AIA Document A201 General Conditions of the Contract for Construction, 1997 Edition, is the General Conditions between the Owner and Contractor.

3. Supplementary Conditions

These Supplementary Conditions amend or supplement the General Conditions of the Contract for Construction (AIA Document A201, 1997 Edition) and other provisions of the Contract Documents as indicated below. All provisions which are not so amended or supplemented remain in full force and effect.

The terms used in these Supplementary Conditions which are defined in the General Conditions of the Contract for Construction (AIA Document A201, 1997 Edition) have the meanings assigned to them in the General Conditions.

Article II - Insurance (Verify coverage amounts with Owner's representative)

11.1 General

Purchase and maintain in force the following kinds of insurance of companies acceptable to the Owner:

11.1.1 Contractor's Liability Insurance (Minimum coverage)

A. Employer's Insurance: \$300,000/\$500,000

B. Comprehensive General Liability: Include Independent Contractor's Liability, Contractual Liability, Completed Operations and Products Liability, all on the occurrence basis, with Personal Injury Coverage, Owner's Indemnity and Broad Form Property Damage except the "XCU" exclusions. Maintain Completed Operations Liability for at least one year after the date of final completion.  
Bodily Injury: \$300,000/\$500,000  
Property Damage: \$100,000/\$500,000

C. Comprehensive Automobile Liability: Include non-ownership and hired car coverage, as well as owned vehicles:  
Bodily Injury: \$300,000/\$500,000  
Property Damage: \$500,000 each occurrence  
D. Builder's Risk: Provide "All-Risk" insurance, including structures and materials, to cover Owner, Contractor and all subcontractors, with maximum deductible of \$2500.

11.2 Owner's Insurance

Contractor shall carry and pay for Owner's Protective Liability Insurance, limits same as Contractor's. Name the Architect and Engineers as additional insured.

Definition of Terms

1. Products: Means new material, machinery, components, equipment, fixtures, and systems forming the Work, but does not include machinery and equipment used for preparation, fabrication, conveying and erection of the Work. Products may also include existing materials or components required or reuse.
2. Finish or Supply: To supply and deliver, unload, inspect for damage.
3. Install: To unpack, assemble erect, apply, place finish, cure, protect, clean and ready for use.
4. Provide: To furnish or supply, plus install.

4. Applications for Payment

Submit Applications for Payment on AIA G702 - Application and Certificate for Payment and AIA G703 - Continuation Sheet. For each item, provide a column for listing each of the following:

- a) Item Number  
b) Description of Work  
c) Scheduled Values  
d) Previous Applications  
e) Work in Place and Stored Materials under this application  
f) Authorized Change Orders  
g) Total Completed and Stored to Date of Application  
h) Percentage of Completion  
i) Balance to Finish  
j) Retainage

Execute certification by signature of authorized officer. Use data from approved Schedule of Values.

Submit four copies of each Application for Payment.

Submit intervals stipulated in Agreement.

Submission waivers.

5. Submit Change Orders on AIA G701 Change Order forms.

6. Quality Assurance

Monitor quality control over suppliers, manufacturers, products, services, site conditions and workmanship, to produce work of specified quality.

7. Testing Services

Contractor shall employ services of an independent firm to perform testing. Contractor shall pay for services. Reports shall be submitted by the independent firm to the Architect and Contractor, in duplicate, indicating observations and results of tests and indicating compliance or noncompliance with Contract Documents.

8. Inspection Services

Contractor shall employ services of an independent firm to perform inspection specified elsewhere in the Contract Documents. Contractor shall pay for services.

9. Contractor shall pay for all permits, fees, licenses, and certificates of inspection, inspections and taxes associated with the Work except as provided for in the Owner/Contractor agreement.

10. Contract Closeout

A. Closeout Procedures

- 1) Submit written certification that Contract Documents have been reviewed, Work has been inspected, and that Work is complete in accordance with Contract Documents and ready for Architect/Engineer's review.  
2) Provide submittals to Architect/Engineer that are required by governing or other authorities.  
3) Submit final Application for Payment identifying total adjusted Contract Sum, previous payments, and sum remaining due.

B. Final Cleaning

- 1) Execute final cleaning prior to final project assessment.  
2) Clean equipment and fixtures to a sanitary condition with cleaning materials appropriate to the surface and material being cleaned.  
3) Replace filters of operating equipment.  
4) Clean debris from roofs, gutters, downspouts and drainage systems.  
5) Sweep paved areas, rake clean landscaped surfaces.  
6) Remove waste and surplus materials, rubbish and construction facilities from the site.

C. Adjust operating Products and equipment to ensure smooth and unimpeded operation.

D. Project Record Documents

- 1) Maintain on site one set of the following record documents; record actual revisions to the Work:  
a. Drawings.  
b. Specifications.  
c. Addenda.  
d. Change Orders and other modifications to the Contract.  
e. Reviewed Shop Drawings, Product Data and Samples.  
f. Manufacturer's instruction for assembly, installation and adjusting.  
2) Ensure entries are complete and accurate, enabling future reference by Owner.  
3) Store record documents separate from documents used for construction.  
4) Record information concurrent with construction progress.  
5) Specifications: Legibly mark and record at each Product section description of actual Products installed, including the following:  
a. Manufacturer's name and product model and number.  
b. Product substitutions or alternates utilized.  
c. Changes made by Addenda and modifications.  
6) Record Drawings and Shop Drawings: Legibly mark each item to record actual construction including:  
a. Measured depths of foundations in relation to finish main floor datum.  
b. Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.  
c. Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of the Work.  
d. Field changes of dimension and detail.  
e. Details not on original contract Drawings.  
7) Submit documents to Architect with claim for final Application for Payment.

E. Operation and Maintenance Data

- 1) Submit data bound in 8-1/2" x 11 inch (A4) text pages, three D side ring binders with durable plastic covers.  
2) Prepare binder cover with printed title "OPERATION AND MAINTENANCE INSTRUCTIONS", title of project, and subject matter of binder when multiple binders are required.  
3) Internally subdivide the binder contents with permanent page dividers, logically organized as described below; with tab titling clearly printed under reinforced laminated plastic tabs.

- 4) Contents: Prepare a Table of Contents for each volume, with each Product or system description identified, typed on 20 pound white paper, in three parts as follows:

a) Part 1: Directory, listing names, addresses, and telephone numbers of Architect/Engineer, Contractor, Subcontractors and major equipment suppliers.

b) Part 2: Operation and maintenance instructions, arranged by system and subdivided by specification section. For each category, identify names, addresses and telephone numbers of Subcontractors and suppliers. Identify the following:

Significant design criteria.  
List of equipment.  
Parts list for each component.  
Operating instructions.  
Maintenance instructions for equipment and systems.  
Maintenance instructions for special finishes, including recommended cleaning methods and materials, and special precautions identifying detrimental agents.

c) Part 3: Project documents and certificates, including the following:

Shop drawings and product data.  
Air and water balance reports.  
Certificates.  
Originals of warranties and bonds.

- 5) Submit two sets of final volumes, within 10 days after final inspection.

F. Spare Parts and Maintenance Products

- 1) Provide spare parts, maintenance, and extra Products in quantities specified in individual specification sections.  
2) Deliver to Project site and place in location as directed; obtain receipt prior to final payment.

G. Warranties and Bonds

- 1) Provide duplicate notarized copies.  
2) Execute and assemble transferable warranty documents from Subcontractors, suppliers and manufacturers.  
3) Provide Table of contents and assemble in three D side ring binder with durable plastic cover.  
4) Submit prior to final Application for Payment.  
5) For items of Work delayed beyond date of substantial completion, provide updated submittal within 10 days after acceptance, listing date of acceptance as start of warranty period.

0220-TERMITE CONTROL

Provide soil treatment for termite control below grade at building slab-on-grade, both sides of foundation surface, and soil within 10 feet of building perimeter for a depth of one foot minimum. Conform to applicable code for requirements for application, application licensing and authority to use toxicant chemicals in accordance with EPA. Provide certificate of compliance from authority having jurisdiction indicating approval of toxicants. Provide a maintenance schedule indicating re-treatment. Mix and apply toxicant in accordance with manufacturer's instructions. Re-treat disturbed treated soil with same toxicant as original treatment. If inspection or testing identifies the presence of termites, re-treat soil and re-test. Do not permit soil grading over treated work.

0614-WOOD BLOCKING AND CURING

Wood blocking indicated on drawings for support of accessories and cabinets shall be in accordance with the following standards:

ALEC, ANFA, NFPA, and SPB.

Materials: Wood-Stress Group D, any species, 19 percent maximum moisture content, pressure preservative treated.

Fasteners: Hot dipped galvanized steel for high humidity and treated wood locations, unfinished steel elsewhere.

Anchors: Toggle bolt type to hollow masonry. Expansion shield and lag bolt type for anchorage to solid masonry or concrete.  
Bolt fastener for anchorage to steel.

Factory wood treatment - Wood Preservative (Preservative Treatment); by pressure process ANFA Treatment C2.

0701-ASPHALT SHINGLE ROOFING

Provide granulated surfaced asphalt shingle roofing, associated metal flashings, and accessories as herein specified in accordance with the following references: ASTM D204/204m, D225, D226, D228, D2178, D2822, D3018, D3462, D4586, NRCA-Steepest Roofing Manual, UL 580, T40. Color selected by owner. Provide asphalt shingles, ASTM D3018, Class A w/type self-sealing, ASTM D3462; UL Rating of A and Wind Resistance Label, glass fiber mat base, mineral granule surface type, self-sealing type, and fungus and algae resistant treatment. Provide underlayment-2 layers of 15# unpertforated asphalt saturated felt. Provide nails, standard wire shingle type hot dipped zinc coated steel type, of sufficient length to penetrate roof sheathing. Provide plastic and lap cement free of toxic solvents. Provide appropriate flashing materials min. 0.032 inch thick aluminum. Install per manufacturer's specifications.

0701-CUSTOM SHEET METAL ROOFING

Provide pre-coated galvanized steel Galvalume roofing, associated integral flashings, and underlayment as herein specified in accordance with the following references: ASTM A361, A446, B32, F8 L-P-312, NRCA - National Roofing Contractors Association/Roofing Manual, SMACNA - Arch. Sheet Metal Manual. Color selected by owner. Provide anchor clips min. 18 gauge Galvalume steel, two piece clips are not acceptable. Provide fasteners: concealed, corrosion resistant steel screws designed to meet struct. load requirements-normal minimum screw size shall be #14--exposed fasteners corrosion resistant steel screws (cadmium or zinc coatings are not acceptable) of 200 series stainless steel with neoprene sealing washer, of 3/8" diameter waterproof rivets. Provide all miscellaneous accessories for complete installation. Sealant for concealed application: Bostik Chem-Caluk butyl sealant or equal. Sealant for exposed application: General Electric Co. SILG-LAZE II 2800. Sealant colors selected by owner. Back paint concealed metal surfaces w/protective backing paint to a minimum dry film thickness of 15 mil. Install roofing, flashing, and accessories in accordance with approved manufacturer's specifications.

0701-JOINT SEALANTS

Provide joint sealants appropriate to materials and exposure. Install per manufacturer's requirements.

0812-HOLLOW METAL FRAMES

Hollow metal frames shall be 16 gauge cold rolled steel in accordance with SDI-100. Exterior frames shall be galvanized. Frames shall be welded type prepared for silencers and weatherstripping. Frames shall be factory primed. Provide minimum three anchors per jamb. All frames shall be fabricated with hardware reinforcement plates welded in place. Reinforce frames wider than 48 inches with roll formed steel channels fitted tightly into frame head, flush with top. Provide removable stops at windows: rolled steel channel shape, butted corners; prepared for countersink style screws. Install frames in accordance with SDI-100 and DHI.

0811-STANDARD STEEL DOORS

Hollow metal doors shall be 18 gauge galvanized steel in accordance with SDI-100. Doors shall be factory primed. Fabricate doors with hardware reinforcement welded in place. Install door in accordance with SDI-100 and DHI.

0810-DOOR HARDWARE

Provide hardware for each door according to the schedule following and as identified on the Drawings. Key according to Owner instructions.

Provide hardware products equal to the following:

Hinges: Hager, McKinney, Stanley  
Latch Sets: Russwin  
Closers: LCN, Russwin  
Basket/Thresholds: Hager, Pemko  
Stops: Hager, Ives

HARDWARE SETS

1. 1) 1/2 PAIR HINGES, 1 LEVER LATCHSET (ENTRANCE FUNCTION), 1 FLOOR STOP, 1 CLOSER, 1 SET WEATHERSTRIPPING, ALUMINUM THRESHOLD SET IN SEALANT, DUTCH DOOR HARDWARE AT DOOR #108.

0960-GYPSUM BOARD SYSTEMS

Construct per ASTM C475, C514, C557, C665, C840; 5A-201, 5A-216. Gypsum board shall be 5/8" thick, maximum permissible length, ends square cut, tapered square edges. Thermal insulation shall be ASTM C665, preformed glass fiber, friction fit type, unfaced, thickness as indicated on drawings. Accessories as required and appropriate to providing complete system. Install per manufacturer's requirements.

0960-STAINED CONCRETE FLOOR FINISH

Protect slab areas scheduled to receive staining. Stained concrete finish shall be a chemically reacting acid solution. Kemiko Concrete Products "Stone Tone Stain" or approved substitution shall be applied per manufacturer's requirements over a clean, dry concrete surface that has cured for a minimum of 28 days. The concrete surface shall be free of curing compounds, sealers, membrane forming products, bond breakers, grease, oil, paint, and any other material that would cause the concrete stain to improperly perform. Provide a four foot (4') square test area for approval of the color prior to beginning final work. Allow for two coats of stain at all stained concrete areas. Apply two coats of Kemiko "Decorative Deck Ready Clear Coat" or approved substitution per manufacturer's requirements with an anti-skid additive. Provide a minimum two coats of wax over stained concrete areas using a wax approved by the concrete stain/sealer manufacturer.

0960-PAINT

Provide surface preparation, priming and finish coats as herein specified in accordance with the following references: ASTM D16, ANFA - D102, NACE - Industrial Maintenance Painting, NCPA - Guide to U.S. Government Paint Specifications, PDCA - Painting - Architectural Specifications Manual, SSPC - Steel Structures Painting Manual. Paint colors shall be selected by Architect. Provide products by the following manufacturers: Dulux Paints, Benjamin Moore or Sherwin-Williams. Provide primer recommended by manufacturer for surface being painted. Provide two finish coats of type recommended by manufacturer. Paint shall be flat latex enamel at gypsum wallboard and gloss at painted metal. Install paint per manufacturer's requirements.

1011-SOLID PLASTIC TOILET PARTITIONS AND DOORS

Provide solid plastic toilet compartment doors, partitions, and partitions, overhead braced complete w/all mounting hardware stainless steel plaster base and door hardware for a complete system installation in accordance w/Florida Building Code and ADA requirements. System shall be equal to Santana Products, Co. Product: PolyMar HD. Install per manufacturer's requirements.

1041-PLASTIC SIGNS

Provide raised letter plastic signs complying with applicable codes in accordance with the following references: ANSI A117.1, requirements for the physically handicapped. Signage shall be manufactured by Brown Enterprises, Inc., Jacksonville, Florida or approved substitution. Sign construction: Base material: Solid color acrylic plastic 1/8" thick, height as scheduled, edges square. Raised character size and style: acrylic plastic character adhered to base material; 1/32" thick, height as scheduled, Helvetica font upper and lower case. Colors shall be selected by owner. Signs shall include pictorial images and grade II Braille. Mounting shall be double stick tape and silicon. Install in accordance with manufacturer's instructions. Schedule: Provide 2 total - 8" x 8"; copy 1" high - Copy "Women" and "Men" with wheelchair accessible symbol. Locate in field.

1060-TOILET ACCESSORIES

Provide toilet accessories complying with the following references: ANSI A117.1, ASTM A125, ASTM A167, ASTM A269, ASTM A1009, ASTM B456 and ADAAG codes for access for the physically handicapped. Provide accessories equal to Bradley Corporation. Five paper towel dispensers - Model 254  
Four toilet tissue dispensers - Model 5234  
Four grab bars - 1-1/2" diameter stainless steel, 3'-6" long.  
Four soap dispensers - Model 6562.  
Four 24"x36" safety glass mirrors - Model T015.

MILLWORK NOTES:

MILLWORK STANDARD SHALL EQUAL AIA PREMIUM QUALITY. TYPICAL CABINET CONSTRUCTION EXCEPT WHERE NOTED OTHERWISE ON DRAWINGS: 3/4" MIN. THK. EXT. GRADE PLYWD. WITH BALANCED CONSTRUCTION. PLASTIC LAMINATE CLADDING SHALL BE APPLIED TO ALL EXTERIOR EXPOSED SURFACES AS NOTED. CONCEALED SURFACES SHALL BE MELAMINE. COLORS SELECTED BY OWNER. ADJUSTABLE SHELF SUPPORTS SHALL BE PLASTIC COVERED STEEL CORE PINS FOR PRE-DRILLED HOLE SYSTEM. GF 50 PLASTIC LAMINATE ON TOPS, EDGES AND SIDES. GF28 PLASTIC LAMINATE AT SIDES. CABINET HINGE SHALL BE HEAVY DUTY, FIVE-KNUCKLE 2 3/4" INSTITUTIONAL TYPE HINGE. POWDER-COATED, REVEAL OVERLAY, HOSPITAL TIP, TIGHT FIN FEATURE WITH ALL EDGES EASED. EACH HINGE TO HAVE MIN. 4 SCREWS. 1 PAIR HINGES PER DOOR UP TO 48" HT.±. 2 PAIR FOR TALLER DOORS. PROVIDE HEAVY DUTY MAGNETIC CATCHES ON ALL CABINET DOORS. DOOR AND DRAWER FRONTS SHALL HAVE 1MM PVC EDGING. FULLS SHALL BE PLASTIC BEM-RECESSED. ALL CABINET SUB-BASES SHALL BE 2 x PRESSURE-TREATED WOOD BLOCKING. PROVIDE LOCKS ON ALL DOORS TYPICAL, EQUAL TO NATIONAL LOCK NO. M4-1054.

SEAL: RONALD L. SCALISI  
FOR CONTRACT

BUILDING DESIGN  
LANDSCAPE DESIGN  
NOVEMBER 11, 2007  
STRUCTURAL ENGINEERING  
MECHANICAL ENGINEERING  
ELECTRICAL ENGINEERING  
PLUMBING ENGINEERING

NEW AMENITY CENTER AND ENTRANCE FOR  
THE PRESERVE AT LAUREL LAKE  
LAKE CITY, FLORIDA

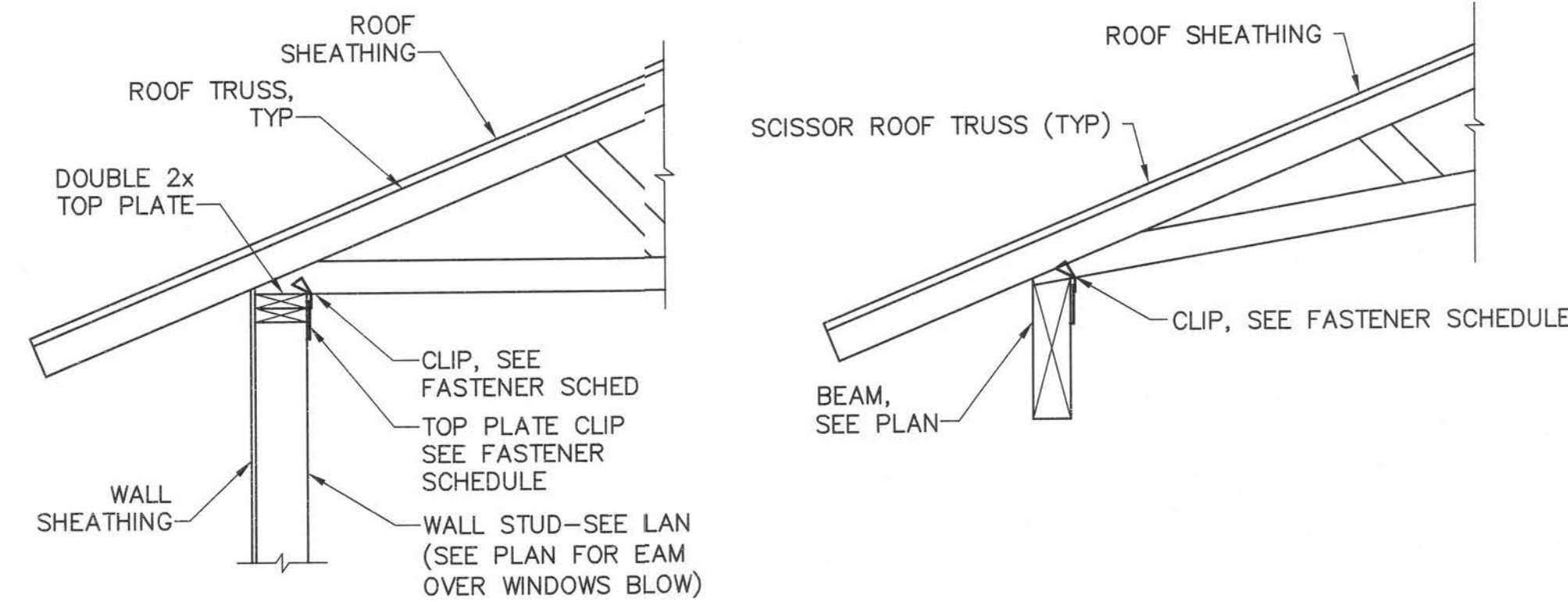
PROJECT NO: 1204  
DATE: 05 FEB. 2007  
N/A THIS SHEET

DRAWN BY: WDC  
CHECKED BY: RL8

SPECIFICATIONS

SHEET NO.  
A5.1  
OF: SET:



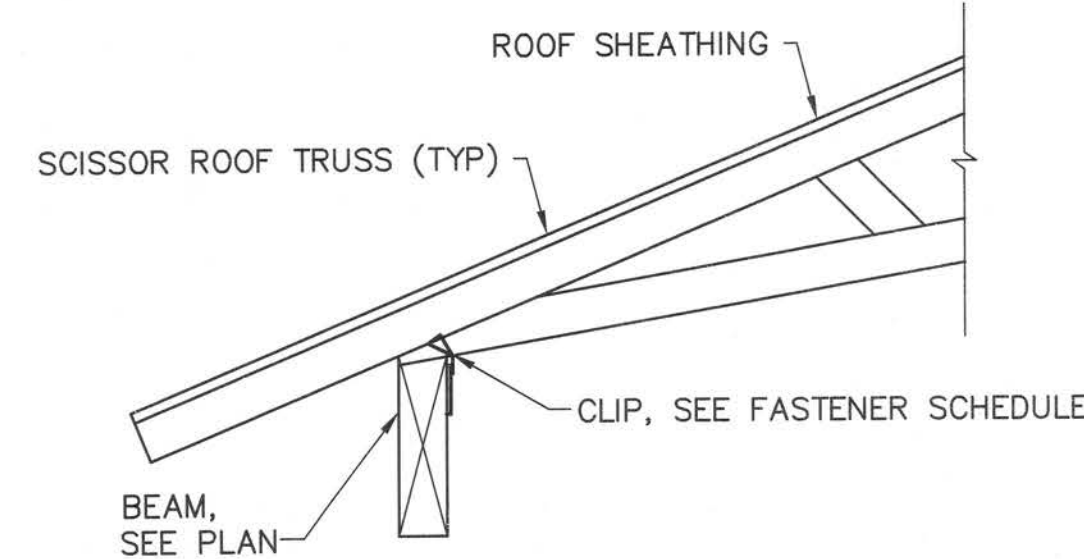


NOTE: SEE ARCH FOR ACTUAL OVERHANG CONFIGURATION

# SECTION 1

SCALE: NTS

1  
S2.3

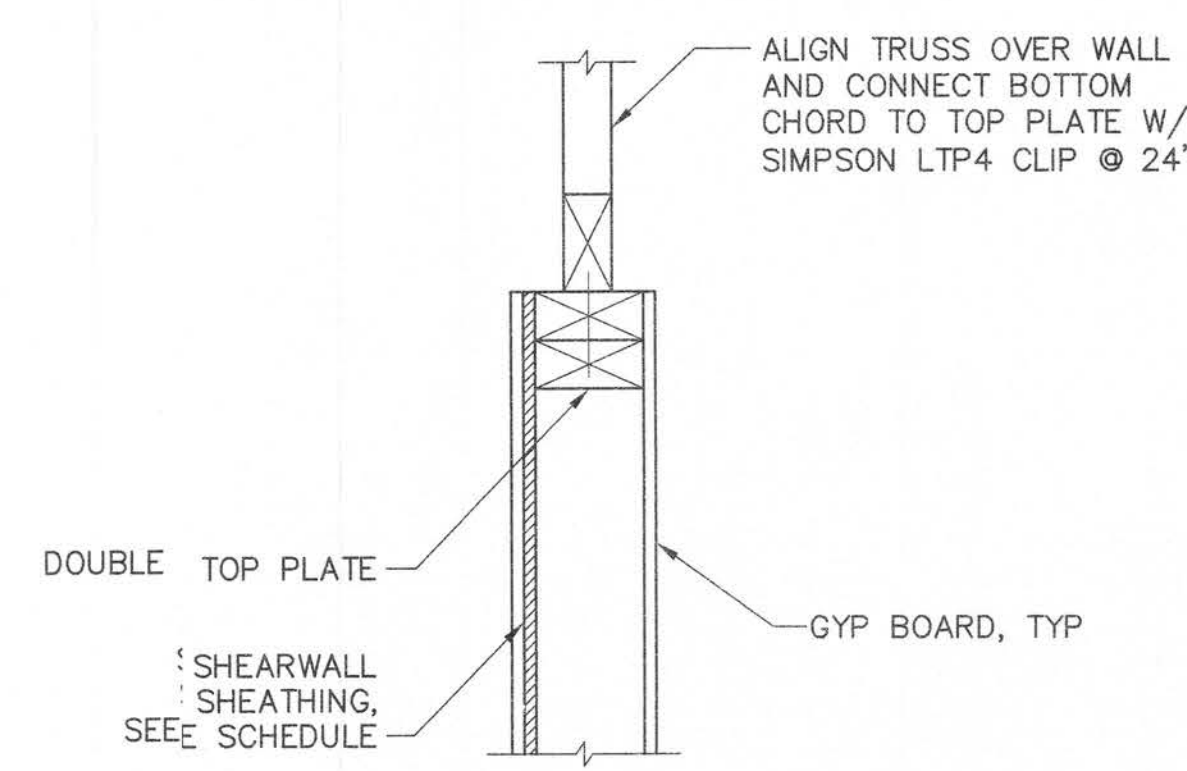


NOTE: SEE ARCH FOR ACTUAL OVERHANG CONFIGURATION

# SECTION 2

SCALE: NTS

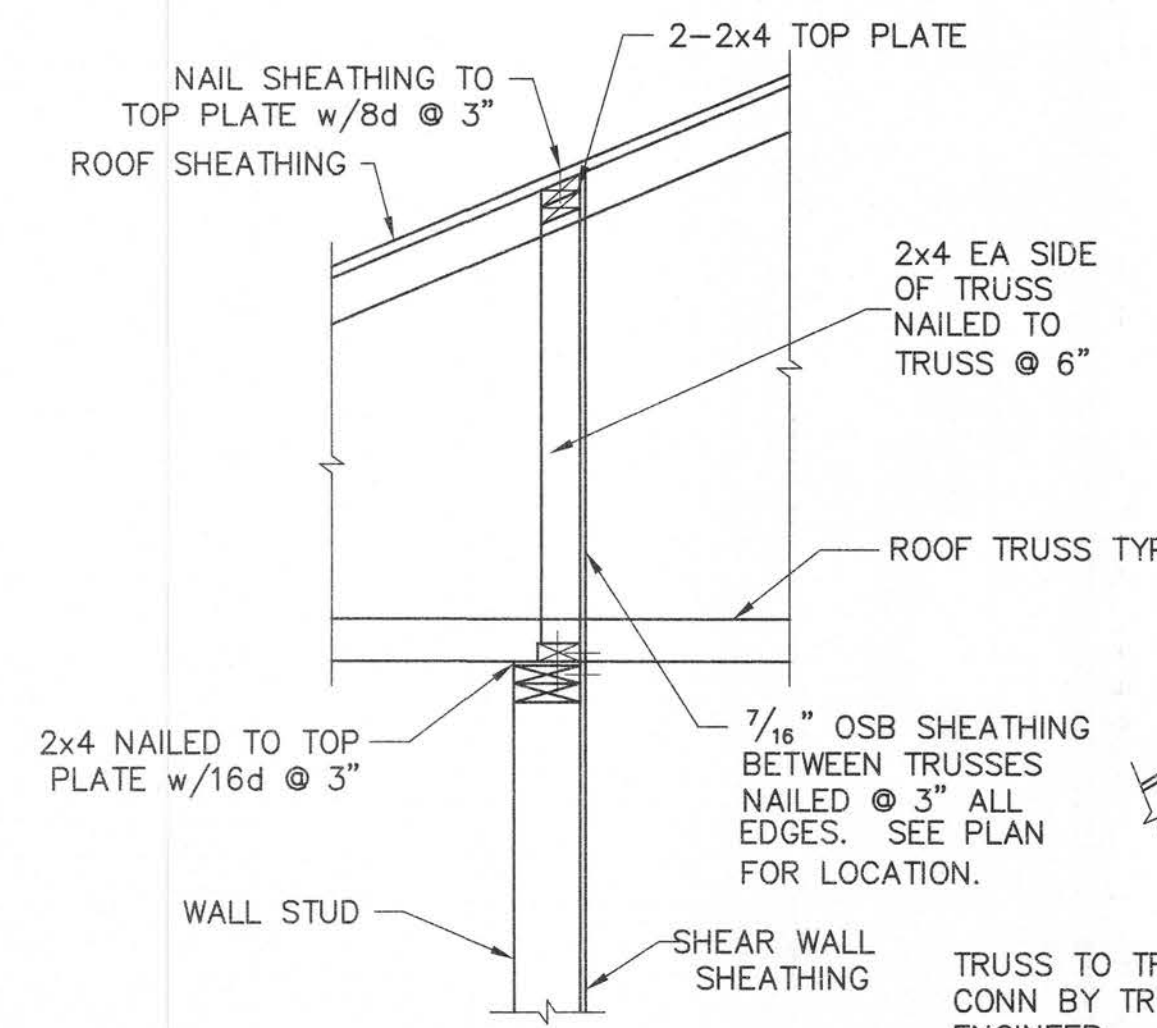
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S2.3



# SECTION 3

SCALE: NTS

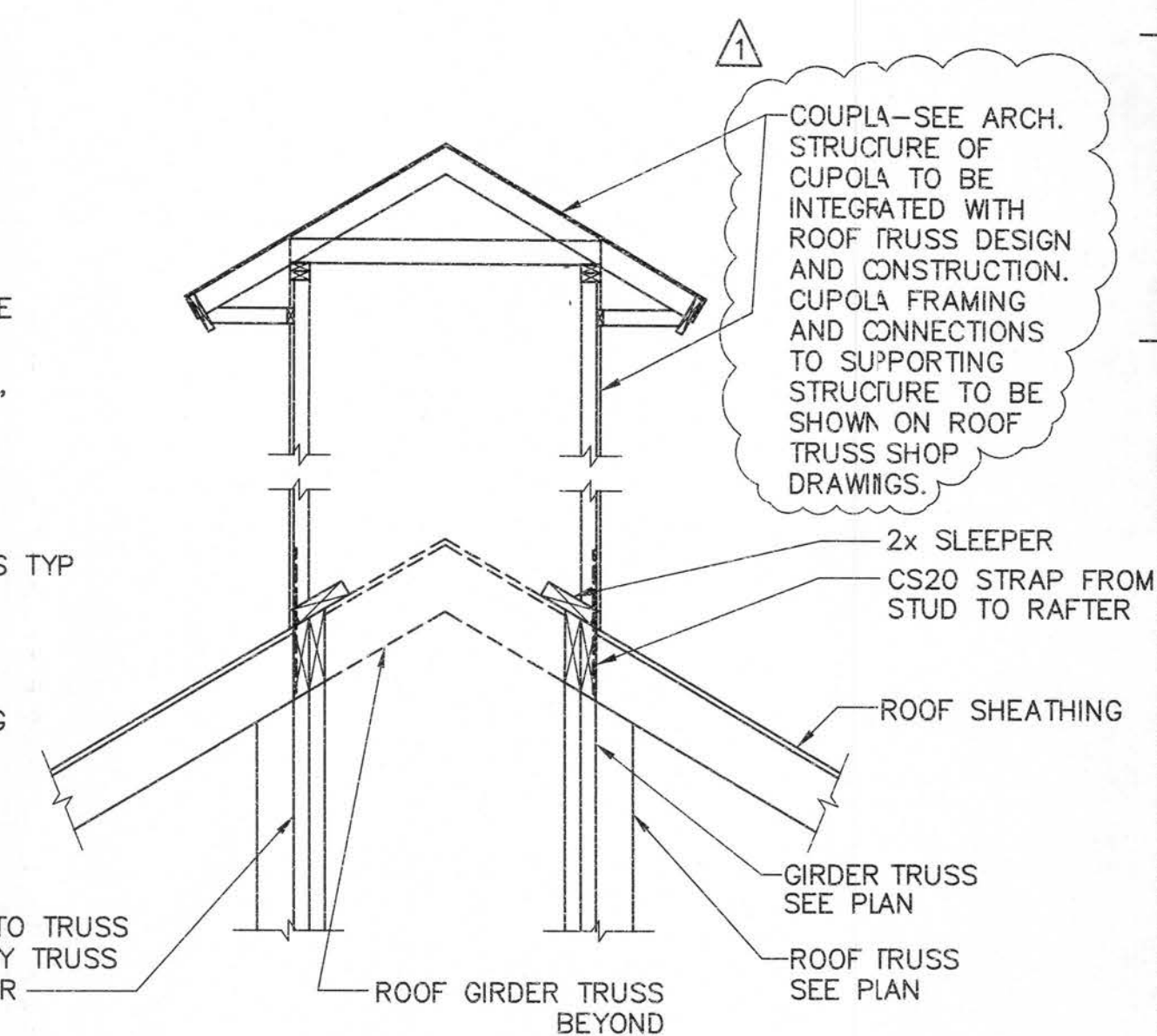
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S2.3



# SECTION 4

SCALE: NTS

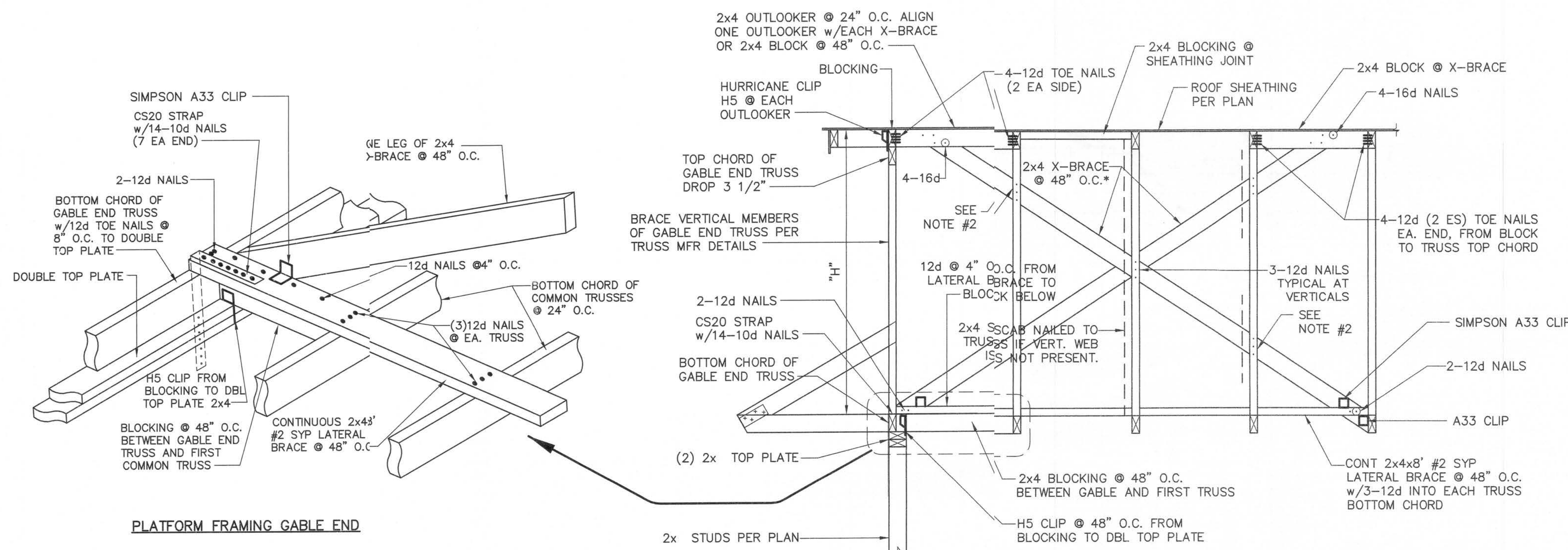
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S2.3



# SECTION 5

SCALE: NTS

5  
S2.3



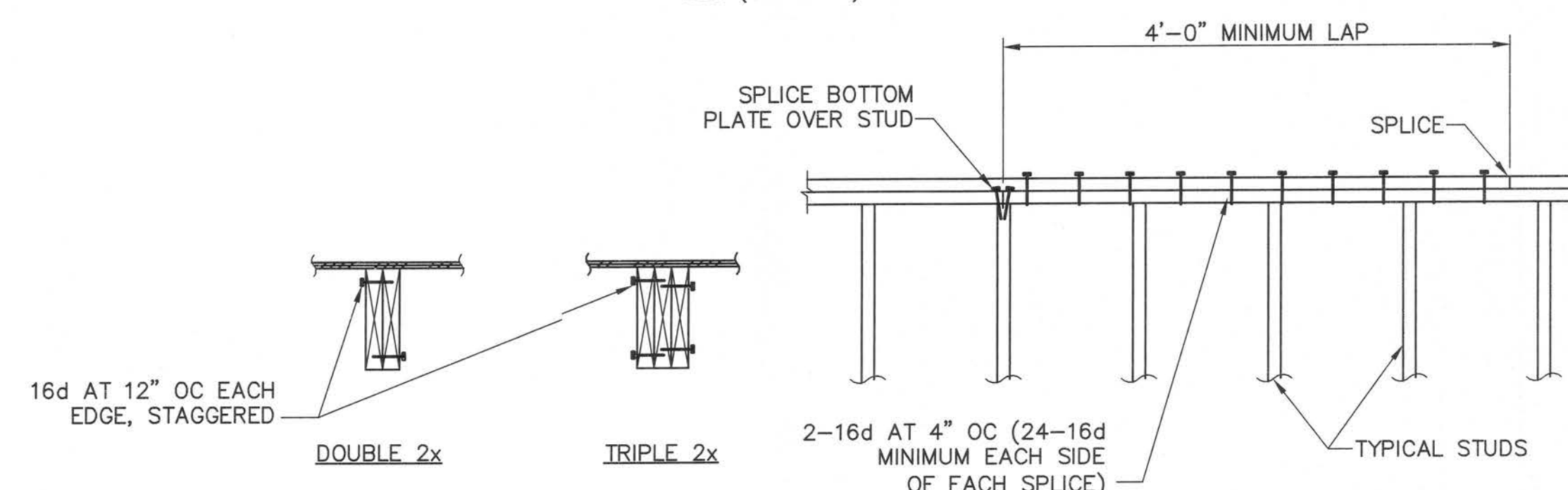
## PLATFORM FRAMING GABLE END

# DETAIL 6

SCALE: NTS

6  
S2.3

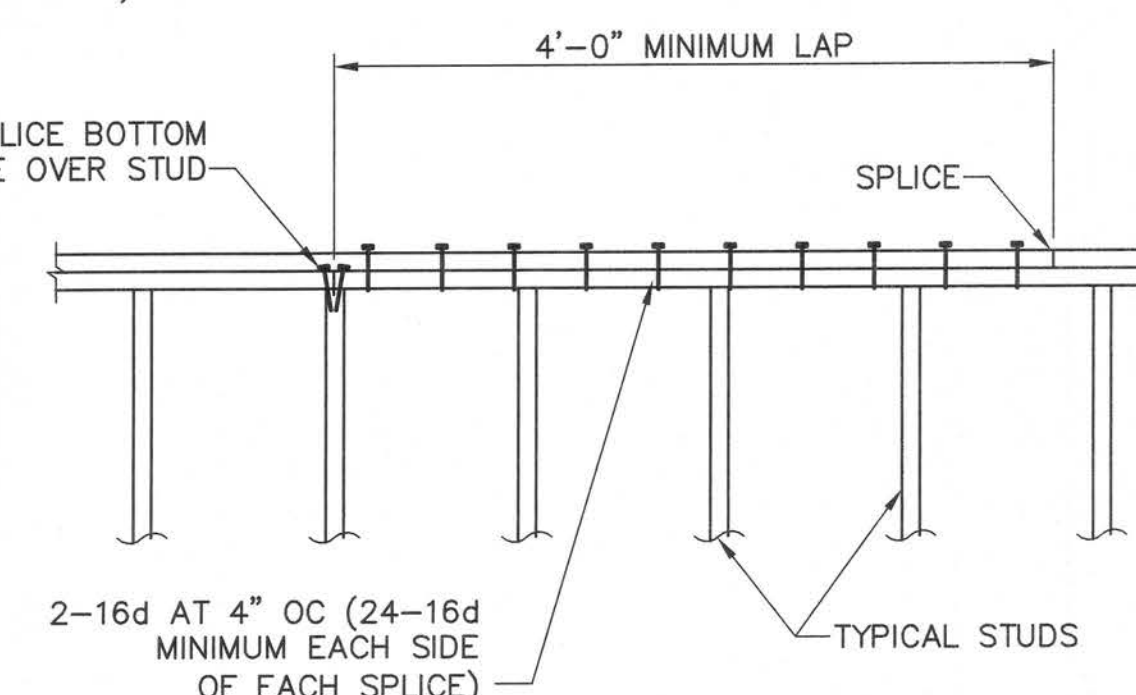
- \*NOTES:
- 1) WHERE "H" EXCEEDS 7'-0" X-BRACES SHALL BE 2x6.
  - 2) WHERE "H" EXCEEDS 10'-6" X-BRACE MEMBERS SHALL BE NAILED TO VERTICAL WEB (OR SCAB) AT EACH TRUSS.



# DETAIL 8

SCALE: NTS

8  
S2.3

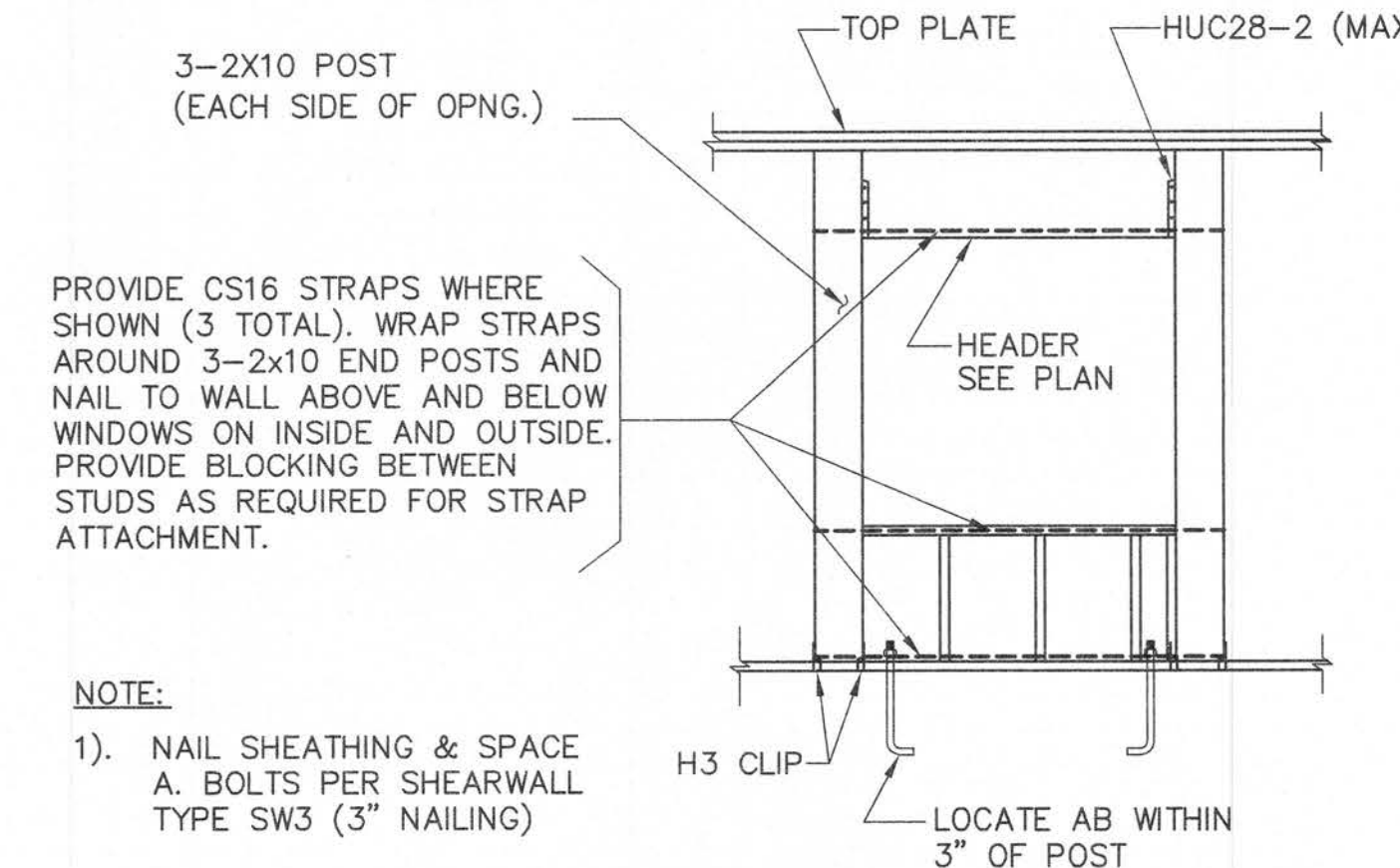


## TYPICAL TOP PLATE SPLICE

# DETAIL 9

SCALE: NTS

9  
S2.3

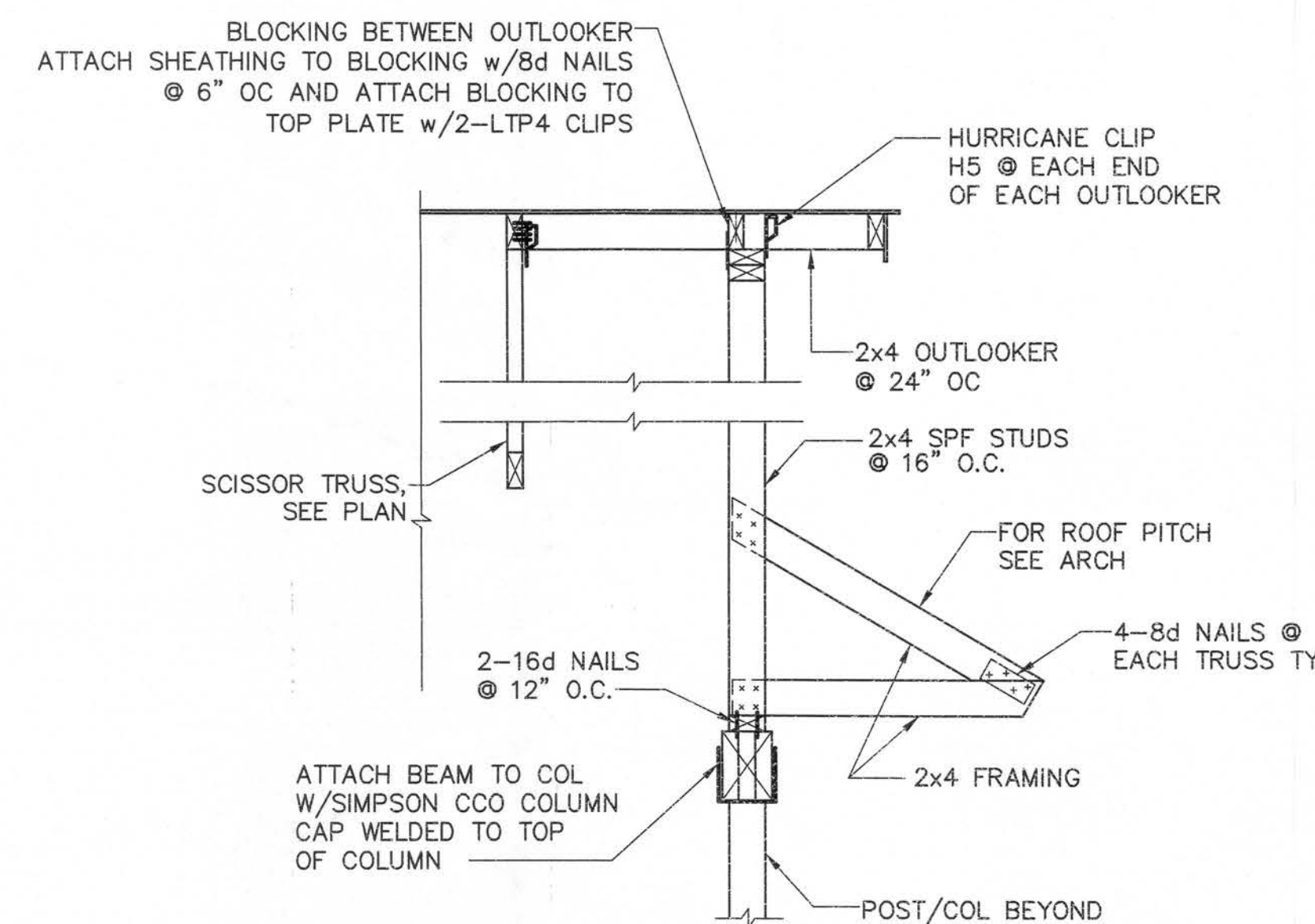


- NOTE:
- 1). NAIL SHEATHING & SPACE A. BOLTS PER SHEARWALL TYPE SW3 (3\"/>

# DETAIL 10

SCALE: NTS

10  
S2.3



NOTE: SEE ARCH FOR PERGOLA FRAMING

# SECTION 7

SCALE: NTS

7  
S2.3



**RONALD SCALISI ARCHITECTS, P.A.**  
CORPORATE LICENSE # AA 0002450  
1904 ST. JOHN'S BLUFF ROAD NORTH, SUITE A-5  
JACKSONVILLE FL 32225 (904) 948-8860

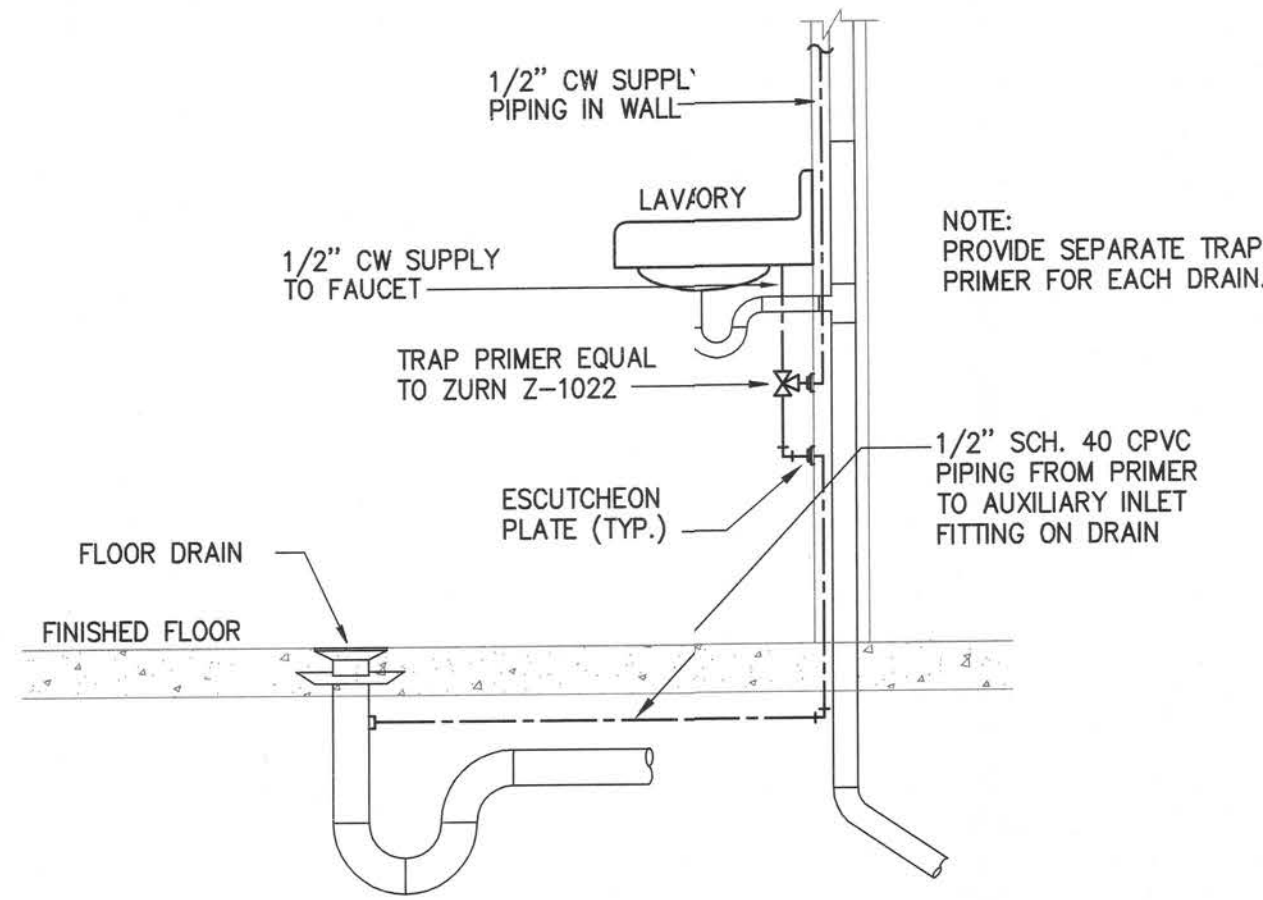
**McVEIGH & MANGUM ENGINEERING, INC.**  
CORPORATE LICENSE # AA 0002450  
1904 ST. JOHN'S BLUFF ROAD NORTH, SUITE A-5  
JACKSONVILLE FL 32225 (904) 948-8860

**NEW AMENITY CENTER AND ENTRANCE FOR THE PRESERVE AT LAUREL LAKE**  
LAKE CITY, FLORIDA

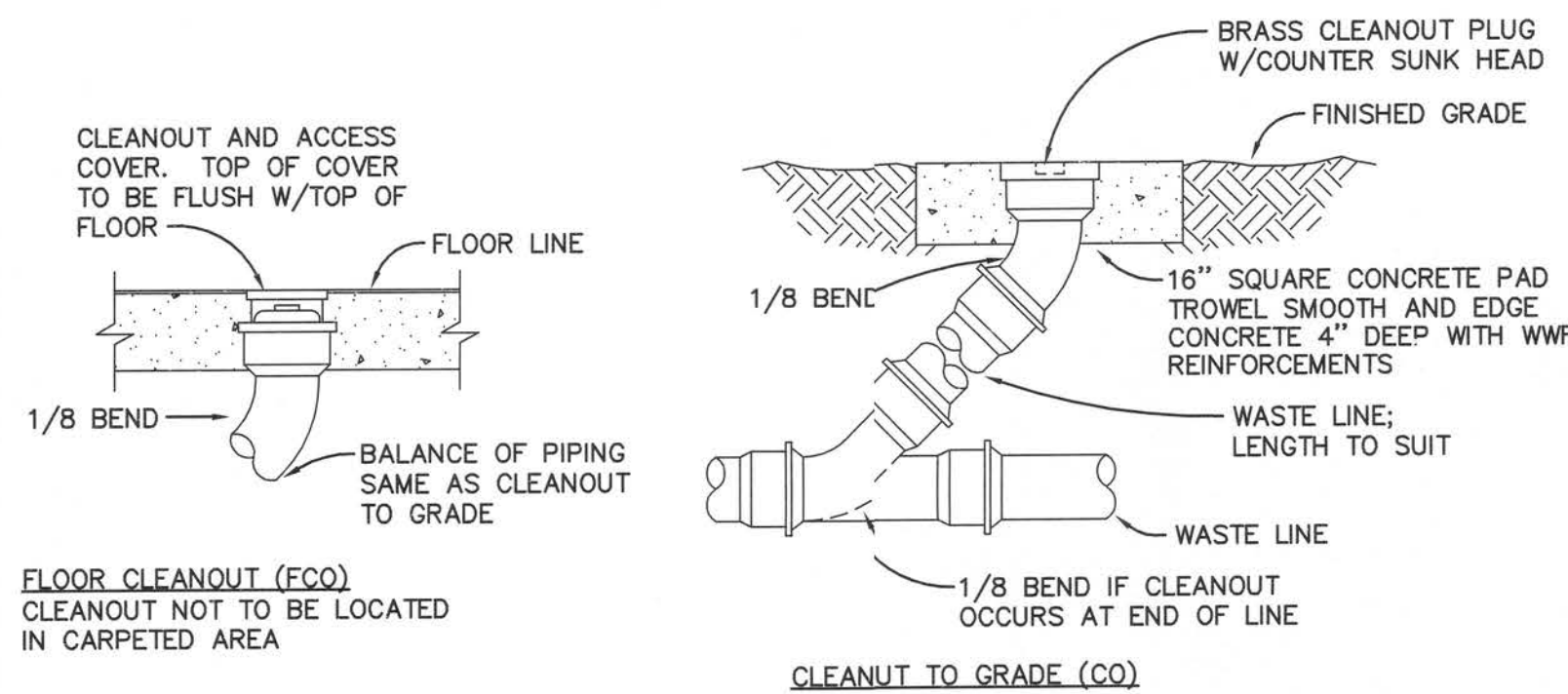
PROJECT NO:	1204
DATE:	07 FEB 2007
DATE:	7/17/07
DRAWN BY:	HK
CHECKED BY:	WDM
SECTIONS AND DETAILS	
SHEET NO.	S2.3
OF:	SET:

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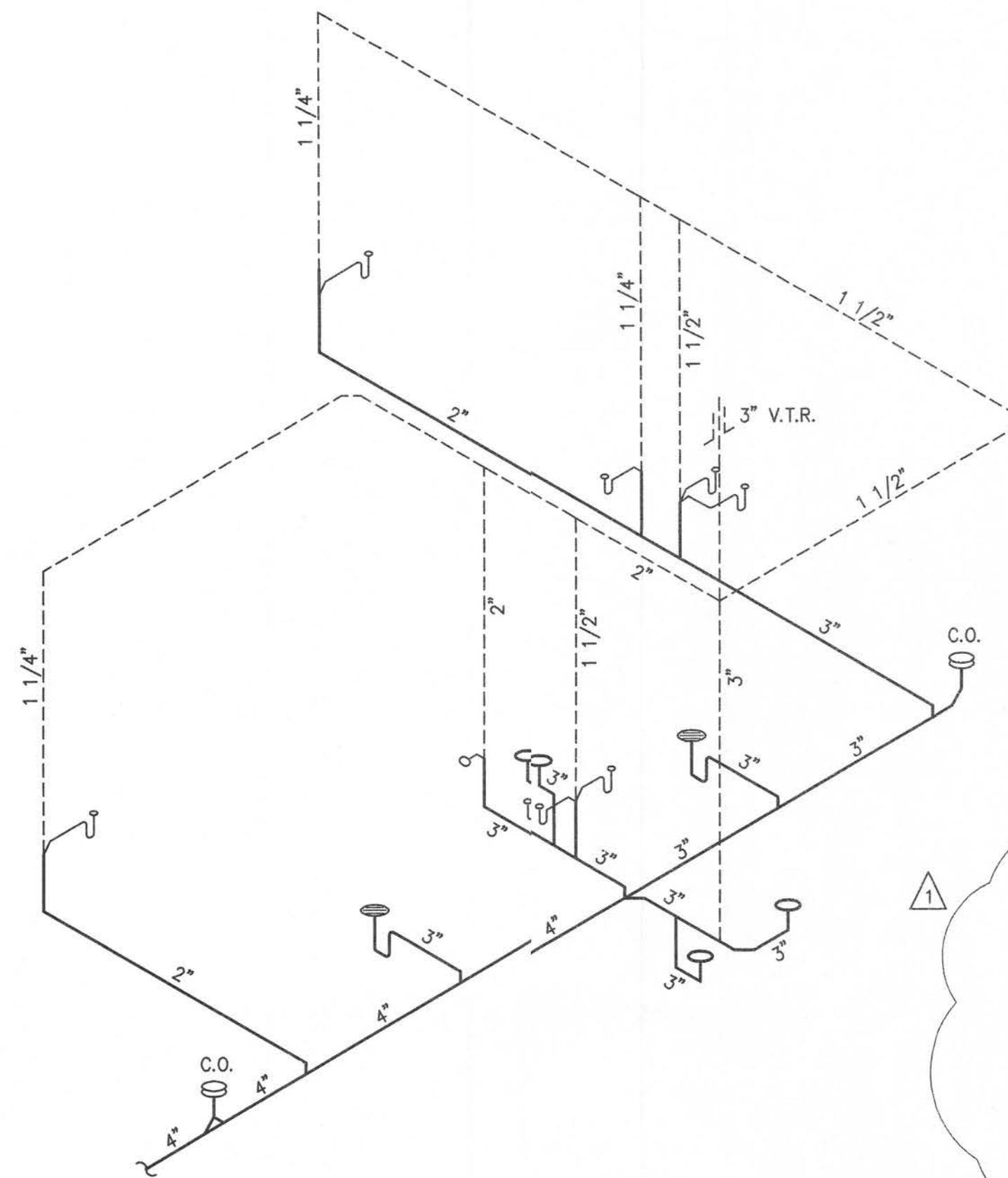




3 FLOOR DRAIN TRAP PRIMER DETAIL  
P1.1 NOT TO SCALE

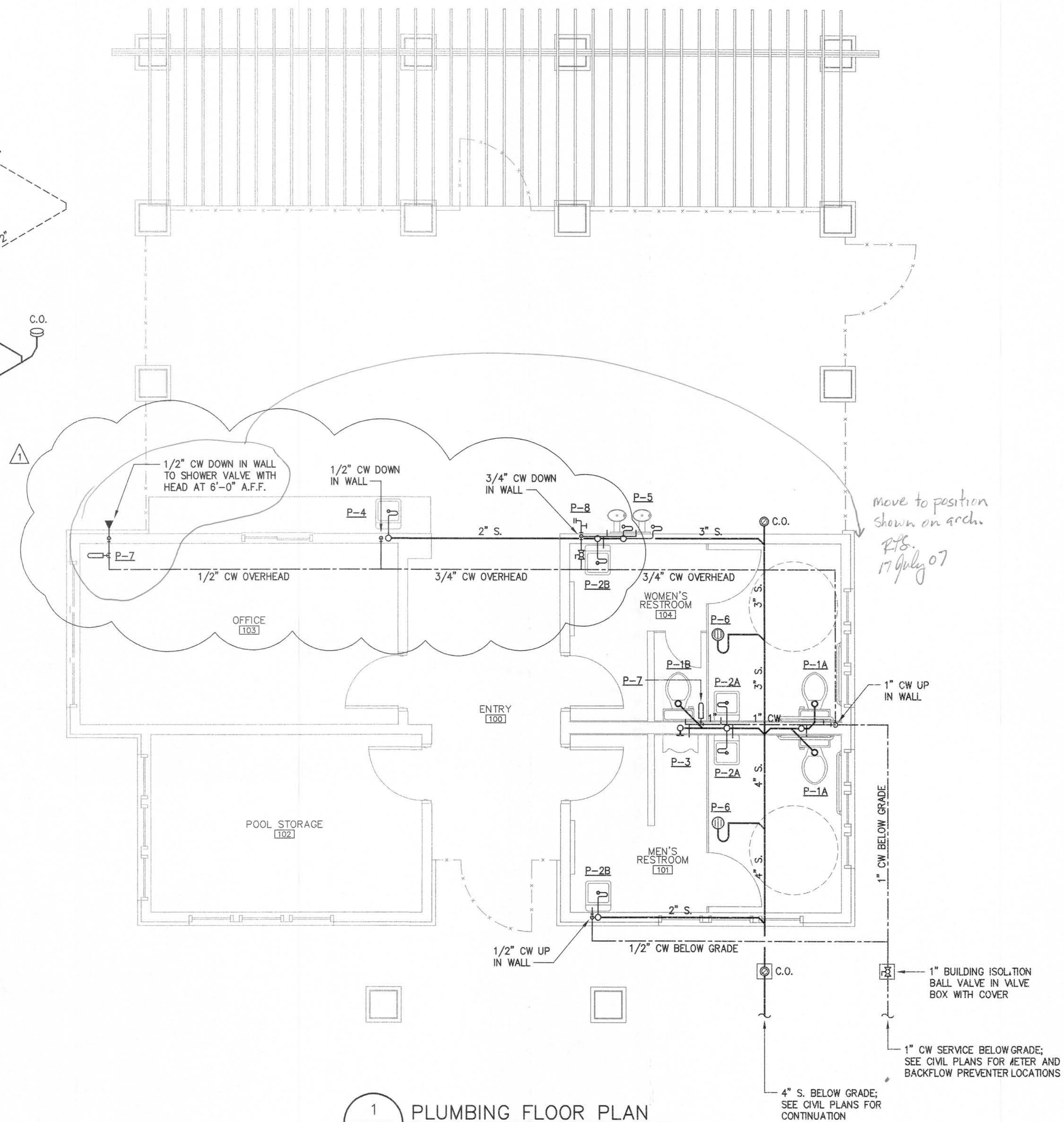


4 CLEANOUT DETAILS  
P1.1 NOT TO SCALE



2 WASTE/VENT RISER DIAGRAM  
P1.1 NOT TO SCALE

DESIGNATION	MANUFACTURER	MODEL NO.	FIXTURE DESCRIPTION	CONNECTION SCHEDULE			
				WASTE	VENT	CW	HW
P-1A	AMERICAN TANDARD	"CADET" 2998.012	16 1/2" HIGH VITREOUS CHINA WATER CLOSET W/ ELONGATED BOWL. LOW CONSUMPTION FLUSH TANK (1.6 GPF) SEAT (NO LID) - CHURCH MODEL 9500-SSC. MOUNT FLUSH CONTROL ON WIDE SIDE OF STALL.	3"	2"	1/2"	--
P-1B	AMERICAN TANDARD	"CADET" 2898.012	14" HIGH VITREOUS CHINA WATER CLOSET W/ ELONGATED BOWL. LOW CONSUMPTION FLUSH TANK (1.6 GPF) SEAT (NO LID) - CHURCH MODEL 9500-SSC.	3"	2"	1/2"	--
P-2A	AMERICAN TANDARD	"LUCERNE" 0355.012	VITREOUS CHINA WALL-HUNG LAVATORY (HANDICAP) FAUCET - SPEAKMAN NO. SC-3075-BOCA/FLO W/ 4" LEVER HANDLES. TRAP - 1 1/4" CAST BRASS WITH C.O. PLUG. SUPPLY - 3/8" ANGLE-TYPE WITH STOPS. PROVIDE SUITABLE CONCEALED ARM CARRIER AND OFFSET TAILPIECE. INSULATE TRAP, OUTLET TUBE & HW SUPPLY TO MEET A.D.A.	2"	1 1/4"	1/2"	--
P-2B	AMERICAN TANDARD	"LUCERNE" 0355.012	VITREOUS CHINA WALL-HUNG LAVATORY FAUCET - SPEAKMAN NO. SC-3075-BOCA/FLO. TRAP - 1 1/4" CAST BRASS WITH C.O. PLUG. SUPPLY - 3/8" ANGLE-TYPE WITH STOPS. PROVIDE SUITABLE CONCEALED ARM CARRIER.	2"	1 1/4"	1/2"	--
P-3	AMERICAN TANDARD	"ALLBROOK" 6541.132	WALL-HUNG, VITREOUS CHINA, FLUSH VALVE URINAL (HANDICAP) FLUSH VALVE - SLOAN REGAL PRO NO. 186-1. LOW WATER CONSUMPTION (1.0 GALLON PER FLUSH). MOUNT TOP OF FRONT RIM AT 17" A.F.F. TO MEET A.D.A. PROVIDE SUITABLE FIXTURE CARRIER.	3"	2"	3/4"	--
P-4	JUST	SL-2219-A-GR	SINGLE-COMPARTMENT, STAINLESS STEEL SINK FAUCET - SPEAKMAN NO. SC-5763-BOCA/FLO. CUP STRAINER - JUST MODEL J-35. SUPPLY - 3/8" ANGLE-TYPE WITH STOPS. TRAP - 1 1/2" CAST BRASS WITH C.O. PLUG.	2"	1 1/2"	1/2"	--
P-5	ELKAY	EZSTL8C	ELECTRIC WATER COOLER W/ DUAL SPLIT-LEVEL BASINS (BARRIER-FREE) 7.5 GPH CAPACITY, 3.7 F.L.A., 120-1-60.	2"	1 1/4"	1/2"	--
P-6	ZURN	Z-415 W/ TYPE "B" STRAINER	FLOOR DRAIN W/ 5" NICKALOY STRAINER TOP AND 3" OUTLET. PROVIDE AUXILIARY INLET FITTING FOR TRAP PRIMER CONNECTION.	3"	2"	--	--
P-7	ZURN	Z-1700 SERIES	WATER HAMMER ARRESTOR. SIZE PER P.D.I. WH-201. VERIFY THAT COMPONENT IS ACCESSIBLE.	--	--	--	--
P-8	ZURN	Z-1321	FROST-PROOF, ANTI-SIPHON, WALL HYDRANT.	--	--	3/4"	--



1 PLUMBING FLOOR PLAN  
P1.1 SCALE: 1/4" = 1'-0"



**RONALD SCALIS ARCHITECTS, P.A.**  
CORPORATE LICENSE # AA 0002450  
1804 ST. JOHN'S BLUFF ROAD NORTH, SUITE A-5  
JACKSONVILLE FL 32225 (904) 948-8860

**BAILEY, BURTON & LANE, INC.**  
CIVIL ENGINEERING  
LANDSCAPE DESIGN  
  
MAYNARD & MANGUM ENGINEERING, INC.  
STRUCTURAL ENGINEERING  
MECHANICAL ENGINEERING  
PLUMBING ENGINEERING

NEW AMENITY CENTER AND ENTRANCE FOR  
**THE PRESERVE AT LAUREL LAKE**  
LAKE CITY, FLORIDA

PROJECT NO: 1204  
DATE: 07 FEB 2007  
7/17/07  
DRAWN BY: WMG  
CHECKED BY: WMG  
PLUMBING PLAN  
AND DETAILS  
SHEET NO.  
**P1.1**  
OF: SET:

**McVEIGH & MANGUM**  
ENGINEERING, INC.  
9133 R.G. Skinner Parkway  
Jacksonville, Florida 32226  
Ph: (904) 483-5200 Fax: (904) 6366770  
ED 6330 email: mail@McVeighMangum.com  
Eng. of Record: William Michael Gregory License No.: 46607



## GENERAL ELECTRICAL NOTES

- ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL AND STATE CODES.
- ALL MATERIAL SHALL BE NEW AND SHALL CONFORM TO THE STANDARDS OF THE UNDERWRITER'S LABORATORIES, INC., AND THE INTERNATIONAL MANUFACTURERS ASSOCIATION.
- ALL ELECTRICAL PERMITS AND INSPECTION FEE SHALL BE OBTAINED AND PAID FOR BY THE ELECTRICAL CONTRACTOR.
- DRAWINGS ARE DIAGRAMMATIC ONLY AND INDICATE ONLY THE GENERAL ARRANGEMENT. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.
- ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER.
- ELECTRICAL CONTRACTOR SHALL MAKE ALL ELECTRICAL POWER CONNECTIONS TO HVAC, PLUMBING AND OTHER EQUIPMENT AS REQUIRED.
- A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC, AND AS SHOWN ON THE DRAWINGS.
- ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- ALL WIRING SHALL BE INSTALLED IN GALVANIZED RIGID CONDUIT, INTERMEDIATE METAL CONDUIT, OR EMT. EMT SHALL NOT BE USED IN OR UNDER CONCRETE SLABS, OR IN MASONRY WALLS. USE SCHEDULE 40 PVC OUTDOORS WHERE NOT SUBJECT TO PHYSICAL DAMAGE OR BELOW FLOOR SLAB.  
CONCEALED BRANCH CIRCUITS RATED 30 AMP OR LESS MAY UTILIZE TYPE NM NON-METALLIC SHEATHED CABLE.  
ALL RACEWAYS (EXCEPT THOSE BELOW SLAB OR GRADE) SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO BUILDING LINES.
- CONDUCTORS SHALL BE COPPER RATED AT NOT LESS THAN 600 VOLTS. MINIMUM SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALL WIRE #8 AWG AND LARGER SHALL BE STRANDED. ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID, UNLESS OTHERWISE NOTED.
- BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE THHN OR THWN AS REQUIRED.
- PROVIDE A PULLWIRE IN ALL EMPTY CONDUITS.
- PROVIDE A TYPED DIRECTORY IN ALL PANELBOARDS CLEARLY DESCRIBING THE LOCATION OF AND TYPE OF LOAD BEING SERVED FOR ALL CIRCUITS.
- PROVIDE ENGRAVED PHENOLIC NAMEPLATES FOR ALL PANELBOARDS AND DISCONNECT SWITCHES, BLACK LETTERS ON WHITE BACKGROUND.
- FUSES 0 - 600 AMPS SHALL BE UL CLASS "K-1" LOW PEAK DUAL ELEMENT TIME DELAY WITH 200,000 AMPERE INTERRUPTING RATING AS MANUFACTURED BY BUSS, UNLESS NOTED OTHERWISE.
- VERIFY ALL REQUIREMENTS AND COORDINATE EXACT LOCATION OF INCOMING ELECTRICAL SERVICE WITH LOCAL POWER COMPANY PRIOR TO PROJECT START-UP. NOTIFY ENGINEER OF ANY CHANGES AS MAY BE REQUIRED.
- PROVIDE SCHEDULE 40 PVC CONDUIT UNDERGROUND FROM TELEPHONE EQUIPMENT ROOM TO CONNECTION POINT AS DIRECTED BY LOCAL TELEPHONE COMPANY.
- ALL TERMINALS, SPlicing CONNECTORS, LUGS, ETC. SHALL BE IDENTIFIED FOR USE WITH THE MATERIAL (CU/AL) OF THE CONDUCTOR AND SHALL BE PROPERLY INSTALLED.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL ELECTRICAL EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, SPARKLE, ETC.).
- WHERE PENETRATIONS ARE MADE THROUGH A REQUIRED FIRE-RESISTIVE WALL, FLOOR, OR PARTITION FOR THE PURPOSE OF RUNNING RACEWAY CARRYING ELECTRICAL, TELEPHONE, TELEVISION, OR LOCAL COMMUNICATION AND/OR SIGNALING CIRCUITS, THE OPENING AROUND THE RACEWAY SHALL BE FIRE STOPPED PER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS FIRE STOPPING IS ACCOMPLISHED. USE APPROVED ASSEMBLIES SUCH AS THE FOLLOWING:  
UP TO 1" PENETRATIONS OF 1, 2, 3 & 4 HOUR GYPSUM WALLS - U.L.#WL1001  
UP TO 4" PENETRATIONS OF 1 & 2 HOUR GYPSUM WALLS - U.L.#WL1001  
UP TO 4" PENETRATIONS OF 1 & 2 HOUR CCC OR BLOCK WALLS & FLOORS - U.L.#CA1009  
UP TO 4" PENETRATIONS OF 3 & 4 HOUR CCC OR BLOCK WALLS & FLOORS - U.L.#CB1020
- IN REQUIRED FIRE RATED WALLS AND PARTITIONS, OPENINGS FOR INSTALLATION OF BOXES THAT ARE GREATER THAN 16 SQUARE INCHES SHALL BE PROTECTED AS REQUIRED BY U.L. COORDINATE CLOSELY WITH THE GENERAL CONTRACTOR TO INSURE THAT THE INTEGRITY OF THE U.L. RATING IS MAINTAINED.

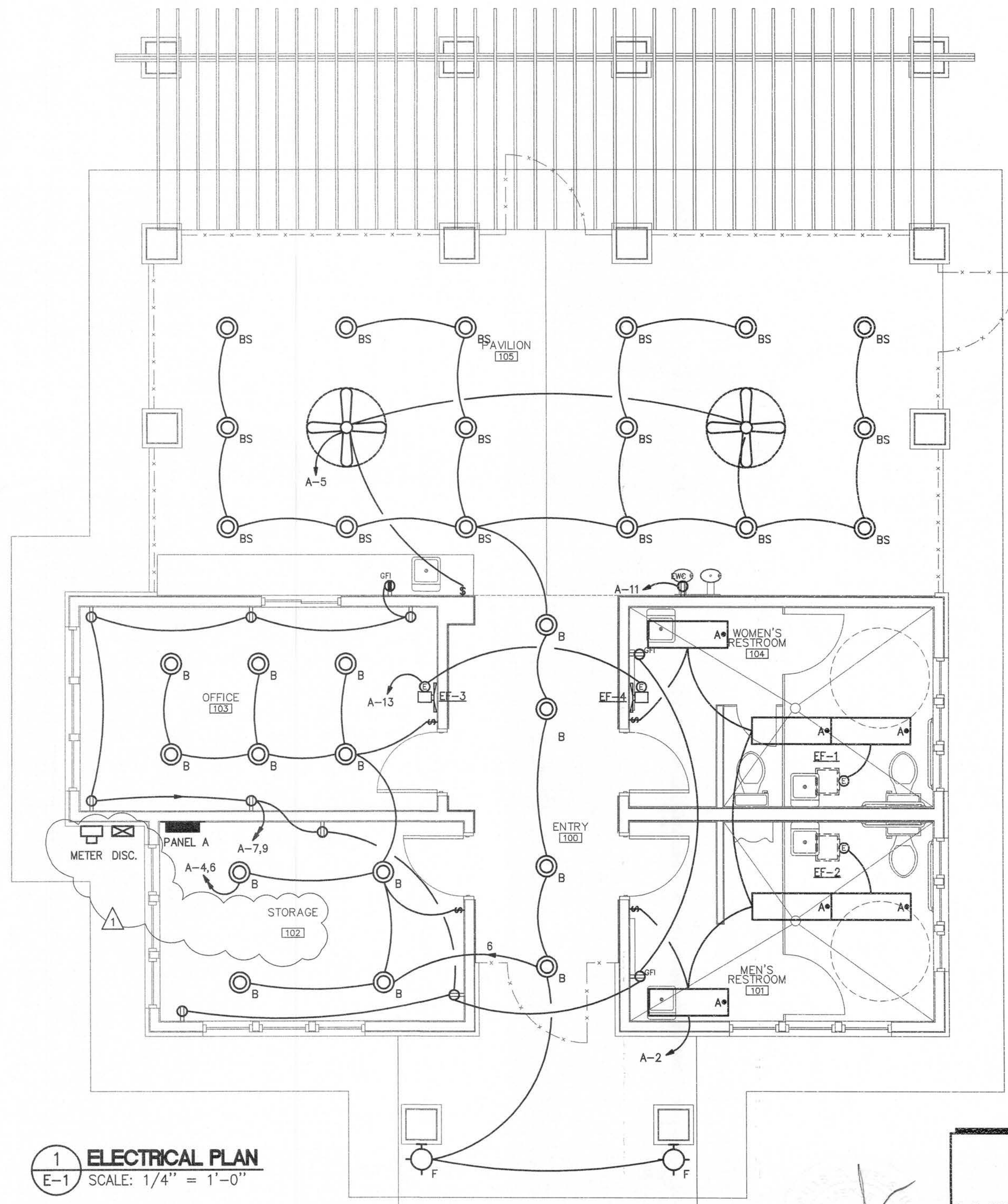
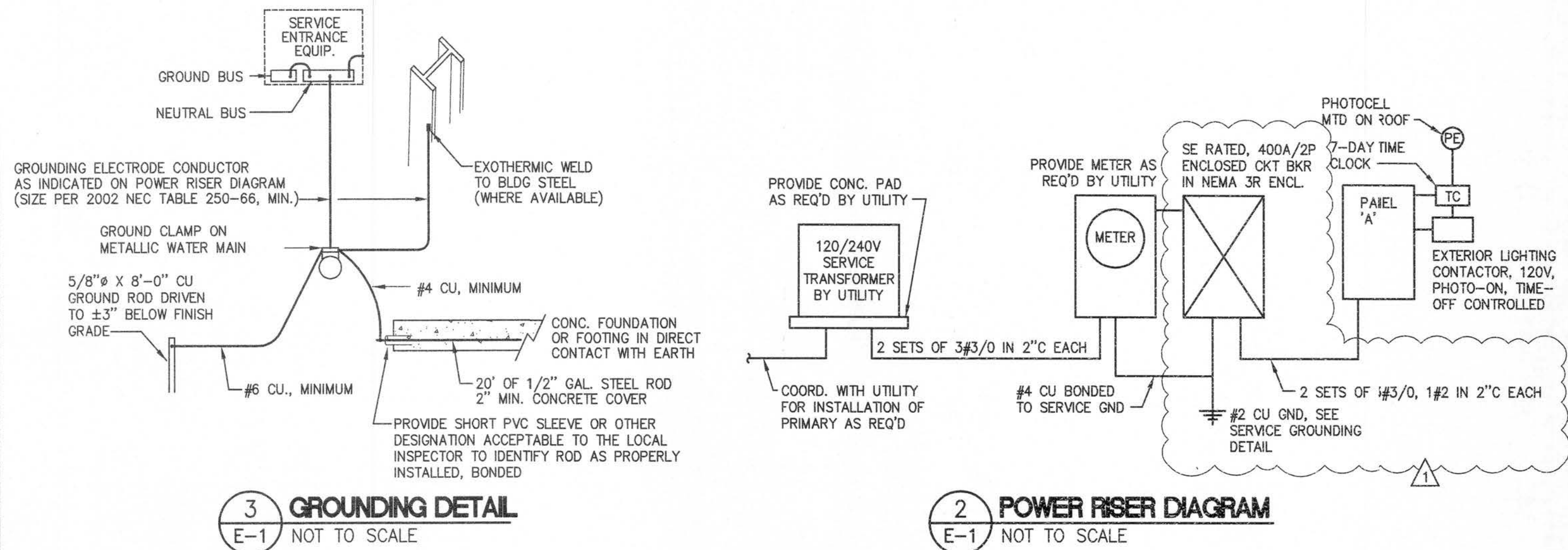
## LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER	CATALOG NUMBER	AMP DATA NO. TYPE	VOLTS	BALLAST DATA NO. TYPE	FIXTURE WATTS	MOUNTING	DESCRIPTION
A	LITHONIA	VC 232 120 GEB VC2WH	2 F32TBCW	120	1 ELECTRONIC	60	SURFACE	1x4 ARCHITECTURAL FLUORESCENT WRAPAROUND, 2 LAMP, ENDCAPS
B	LITHONIA	AF 1/32TRT 6AR 120	1 32W TRT	120	1 ELECTRONIC	35	RECESSED	RECESSED FLUORESCENT DOWNLIGHT, 6" APERTURE
BS	LITHONIA	AF 1/32TRT 6AR 120 SA	1 32W TRT	120	1 ELECTRONIC	35	RECESSED	SIMILAR TO TYPE 'B' EXCEPT 3/12 SLOPE CEILING ADAPTER
C	TO BE SELECTED BY OWNER		---	120	---	---	---	CEILING FAN
D	ANTIQUE STREET LAMPS	AT23E 150W ACT 120 *	1 150W MH	120	1 CWA	188	POLE	POST TOP ACORN FIXTURE, METAL HALIDE LAMP, ACRYLIC LENS
F	STERNBERG	790 / 77WB	1 70W MH	120	1 CWA	88	WALL	DECORATIVE WALL LANTERN, METAL HALIDE LAMP
G	LITHONIA	TFM 10M TA MVOLT LPI TRMFV TM	1 100W MH	240	1 CWA	128	GROUND	FLOOD LIGHT, METAL HALIDE LAMP, FULL VISOR, TENON MOUNT
POLE	SHAKESPEARE	BO15 01 * BC	---	120	---	---	---	DIRECT BURY, ROUND TAPERED, FIBERGLASS POLE

\*FINISH TO BE SELECTED BY OWNER/ARCHITECT.

CATALOG NUMBERS AND MANUFACTURERS ARE TO INDICATE TYPE AND QUALITY OF FIXTURE DESIRED. SUBMIT OUTSHEETS OF ALTERNATE MANUFACTURERS FOR ARCHITECT AND OWNER APPROVAL PRIOR TO PURCHASE OF ANY FIXTURES. ALL FLUORESCENT LAMPS SHALL BE ENERGY SAVING TYPE. ALL INCANDESCENT LAMPS SHALL BE 130V RATED.

VOLTAGE: 120/240 PH: 1 WIRE: 3 BUSSING: 400A /CU MAINS: 400A /MLO										ENCLOSURE: NEMA 1 MOUNTING: SURFACE BRACING: 10 KA/C, SYM.									
PANEL: A																			
— DESCRIPTION		POLE	CONDUIT	WIRE	TRIP	QTY	LOAD PER PHASE		QTY	TRIP	WIRE	CONDUIT	POLE	— DESCRIPTION —					
FILTER PACK		2	1 1/4"	4	80	1	7.5	9.5	7.5	2	20	12	*	1	INTERIOR LTS/EF's				
														1	INTERIOR LTS				
PADDLE FANS		1	*	12	20	5	0.5	0.9	0.4	1	20	12	*	1	EXTERIOR DNLS				
RECEPTACLES		1	*	12	20	7	0.5	0.9	0.4	1	20	12	*	1	PARKING LIGHTS				
RECEPTACLES		1	*	12	20	9	1.1	1.8	0.9	1	20	12	*	1	IRRIGATION PUMP				
WATER COOLER		1	*	12	20	11	0.4	0.6	0.3	1	20	10	3/4"	1	POOL AREA LIGHTS				
EF's		1	*	12	20	13	0.4	0.6	0.3	1	20	2	---	1	SIGN				
SPARE		1	---	---	20	15	---	---	---	1	20	---	---	1	SPARE				
SPARE		1	---	---	20	17	---	---	---	1	20	---	---	1	SPARE				
SIGN		2	3/4"	8	20	19	0.9	1.5	0.4	1	20	---	---	1	SPARE				
							21	0.9	1.5	0.4	22	20	---	1	SPARE				
FUTURE EQUIP		2	---	---	60	23	3.4	3.4	3.4	24	60	---	---	2	FUTURE EQUIP				
							25	3.4	3.4	3.4	26								
							27	3.4	3.4	3.4	28								
FUTURE SUB PANEL		2	1-1/4"	---	100	27	9.5	3.4	3.4	29	60	---	---	2	FUTURE EQUIP				
							28	9.5	3.4	3.4	30								
							31	9.5	3.4	3.4	32								
							33	9.5	3.4	3.4	34								
							35	9.5	3.4	3.4	36								
							37	9.5	3.4	3.4	38								
							39	9.5	3.4	3.4	40								
							41	9.5	3.4	3.4	42								
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							271	9.5	3.4	3.4	272								
							273	9.5	3.4	3.4	274								



1 ELECTRICAL PLAN  
E-1 SCALE: 1/4" = 1'-0"

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**NEW AMENITY CENTER AND ENTRANCE FOR**  
**THE PRESERVE AT LAUREL LAKE**  
LAKE CITY, FLORIDA

PROJECT NO: 1204  
DATE: 07 FEB 2007  
7-17-07

DRAWN BY: TCN  
CHECKED BY: TCN

ELECTRICAL PLAN  
AND NOTES

SHEET NO.  
1  
OF: SET: