

GENERAL INFORMATION

TOTAL A/C LIVING - 2,426.00 SQ. FT.

ENTRY - 60.00 SQ.FT.

3-CAR GARAGE - 754.00 SQ. FT.

OUTDOOR LIVING -423.00 SQ.FT.

NON A/C LIVING AREA - 1,237.00 SQ.FT.

TOTAL UNDER ROOF - 3,663.00 SQ. FT.

1 MASTER BEDROOM

3 BEDROOM

OFFICE / STUDY

1 MASTER BATH

2 BATHROOM

LAUNDRY

OPEN CONCEPT FOR LIVING AREA WITH:
LIVING , DINING & KITCHEN

OUTDOOR LIVING

ROW AND DRIVEWAY 16.0'

SET BACK

FRONT - 240.0'

SIDE RIGHT - 45.9'

SIDE LEFT - 45.9'

BACK - 274.2'

FOUNDATION TYPE: STEM WALL FOUNDATION
IMPACT WINDOW, GLASS PROTECTION

INTERIOR PANEL DOOR 8.0' HEIGHT

TOP OF BOND BEAM 10.0', 11.0', 12.0' & 14.0'
HEIGHT

TILE ROOF

PITCH ROOF 5/12

CONVENTIONAL TYPE TRUSSES

OVERHANG 2'-0" W/ ALUMINUM SOFFIT

5/8" STUCCO FINISH
OPTIONAL*

STUCCO DECORATIVE BAND AND BASE
TEXTURE FINISH AT THE FRONT FACADE
OF THE RESIDENCE

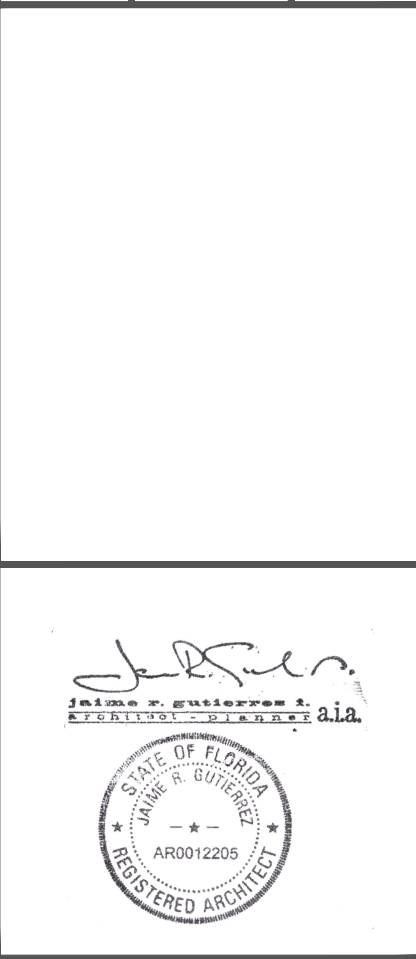
NEW SINGLE FAMILY RESIDENCE
"MODEL DELTA LUXURY"
PARCEL #: 39265640001
1263 GOLDEN GATE BLVD E, NAPLES, FL. 34120



THESE IMAGES ARE FOR REPRESENTATIVE USE ONLY, SHAPES AND DIMENSIONS MAY VARY WITHOUT PRIOR NOTICE.

THE OWNER OR CONTRACTOR:
- SHALL BE TOTALLY RESPONSIBLE FOR THE CONSTRUCTION PHASE OF THIS PROJECT & STRICTLY FOLLOWS THE LOCAL BUILDING CODES AND ORDINANCES.
- THEY SHALL ALSO NOTIFY THE ARCHITECT IN WRITING FOR ANY ERRORS, OMISSIONS, OR NON-CONFORMANCE OF SUCH CODES & ORDINANCES IN THE CONSTRUCTION DOCUMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THIS DRAWING & OTHER RELATED DOCUMENTS ARE INSTRUMENTS OF "AAA HOME DESIGN SERVICES INC.", FOR USE SOLELY WITH THIS PROJECT. NO PART OF THESE OTHER DOCUMENTS PROVIDED BY THE DESIGNER SHALL BE REPRODUCED OR USED FOR ANY OTHER PROJECTS WITHOUT THE WRITTEN PERMISSION OF THE DESIGNER. THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF THE DESIGNER.

PROJ. NAME:
NEW SINGLE FAMILY RESIDENCE
MODEL "DELTA LUXURY"
ADDRESS:
1263 GOLDEN GATE BLVD. E, NAPLES, FL. 34120
FARAOV, CLAUDIA
DESCRIPTION:
COVER SHEET



Jaime R. Gutierrez I., A.I.A., P.A. & Associates
P.O. BOX 1988
NAPLES, FL 34106-1988 LIC. 12205
3690 14th ST. NAPLES, FL 34103
E-MAIL JAIMEARCHITECT@GMAIL.COM
Architect - Planner

REVISION:	
REV.	DATE
△	
△	
△	
PROJECT DATE : 08/11/2023	
SCALE : N.T.S.	
SHEET : JOB:AA517	
CS	

GENERAL NOTES
1. THE CONTRACTOR AND ALL SUB CONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE AND SHALL NOTIFY THE OWNER OF ANY DISCREPANCY.THE CONTRACTOR AND SUBCONTRACTORS SHALL VERIFY DRAWINGS AND DIMENSIONS SHOWN ON THE STRUCTURAL WITH RELATED REQUIREMENTS ON THE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND CIVIL DRAWINGS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WITHIN 10 DAYS RECEIPT OF DRAWINGS. 2. FLOOR AND WALL OPENINGS , SLEEVES , VARIATION IN STRUCTURAL SLAB ELEVATIONS , DEPRESSED AREA SAND ALL OTHER ARCHITECTURAL , MECHANICAL, ELECTRICAL AND CIVIL REQUIREMENTS MUST BE COORDINATED BEFORE CONTRACTOR PROCEEDS. 3. IN ALL CASES WHERE A CONFLICT MAY OCCUR SUCH AS BETWEEN ITEMS COVERED BY SPECIFICATIONS AND NOTES ON THE DRAWINGS , OR BETWEEN GENERAL NOTES AND SPECIFIC DETAILS THE OWNER SHALL BE NOTIFY AND HE WILL INTERPRET THE INTENT OF THE CONTRACT DOCUMENTS. 4. DETAILS NOTED AS TYPICAL SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. 5. WHERE NO SPECIFIC DETAIL IS SHOWN THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THIS PROJECT. 6. WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF 7TH EDITION (2020) FLORIDA BUILDING CODE. 7. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS , SECTIONS , OR DETAILS ON STRUCTURAL DRAWINGS. 8. THE PRECISE DIMENSIONS AND LOCATIONS OF DOORS AND WINDOWS OPENINGS SHALL BE DETERMINED FROM ARCHITECTURAL PLANS AND DETAILS COORDINATED WITH OWNERS SELECTIONS AND MANUFACTURES SPECS OTHER WALL AND FLOOR OPENINGS SHALL BE ALSO REQUIRED BY MECHANICAL, ELECTRICAL OR SIMILAR REQUIREMENTS

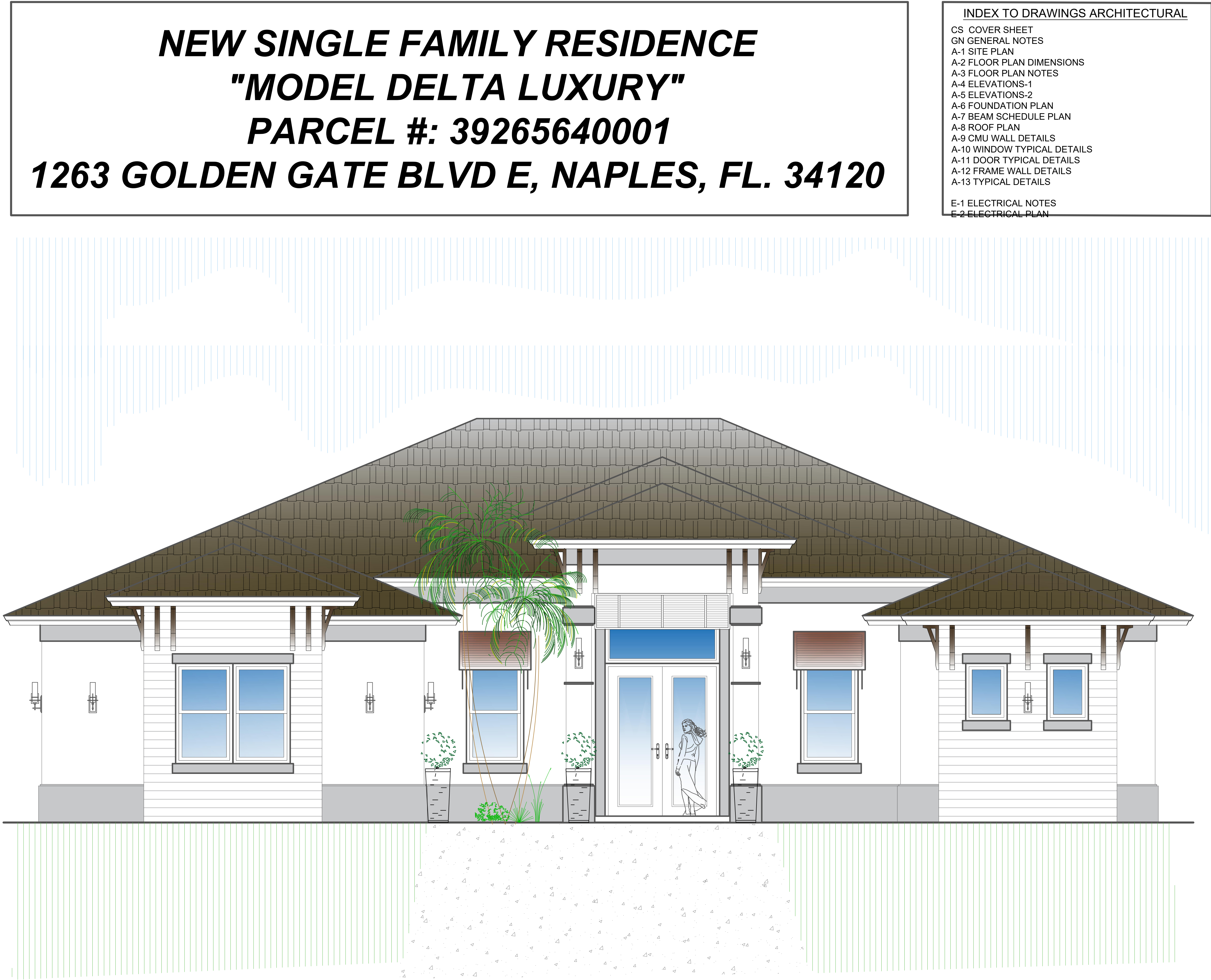
STRUCTURAL NOTES.-
FOUNDATIONS.- THE FOUNDATIONS ARE DESIGNED FOR ALLOWABLE SOIL BEARING PRESSURE OF 2000 POUNDS PER SQUARE FOOT FILL MATERIAL UP TO FINISH GRADE SHALL BE PLACED WITH MAXIMUM LIFTS OF 12 INCHES. SUBGRADE AND EACH LIFT OF MATERIAL SHALL BE COMPACTED TO 95 PROCTOR DENSITY DETERMINED IN ACCORDANCE WITH ASTM D-1557.
CONCRETE.- CONCRETE SHALL ACHIEVE A STRENGTH AT 28 DAYS OF 3000 PSI FOR FOOTINGS SLABS ON GRADE, AND GROUTED MASONRY CELLS. TIE BEAMS AND C.I.P. SLABS SHALL BE f'c=3000 PSI. CONCRETE SHALL BE A MIX DESIGNED BY A RECOGNIZED TESTING LABORATORY AND SHALL BE PLACED, CURED AND TESTED ACCORDING TO ACI AND ASTM STANDARDS AND SPECIFICATIONS.
FORMWORK AND SHORING.- STRUCTURAL CONCRETE SHALL NOT BE STRIPPED UNTIL IT HAS REACHED AT LEAST TWO-THIRDS OF THE 28 DAY DESIGN STRENGTH. ERECTION AND REMOVAL OF ALL FORMWORK SHORES AND RESHORES SHALL MEET THE REQUIREMENTS OF THE ACI STANDARDS AND SPECIFICATIONS.
REINFORCING STEEL.- TO BE ASTM GRADE 60 DEFORMED BARS FREE FROM OIL AND RUST STEEL SHALL BE BENT AND PLACED ACCORDING TO THE ACI STANDARDS AND SPECIFICATIONS. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION. #5 BARS SHALL BE LAPPED 2'-0" U.N.O.
WELDED WIRE FABRIC (WWF).- TO CONFORM TO ASTM A-185 FREE FROM OIL AND RUST AND SHALL BE PLACED ACCORDING TO THE ACI STANDARDS AND SPECIFICATIONS. MINIMUM LAP SHALL BE ONE FOOT.
MISC STEEL.- ALL NEW STEEL TO BE ASTM A-36 STRUCTURAL STEEL , 36 KSI MIN CONNECTIONS PER MIN. CONNECTIONS PER AISC STANDARDS DETAILS. BOLTS TO BE ASTM A307, WELDED TO BE PER AWS SPEC.
MASONRY WALLS.- 8" HOLLOW MASONRY UNITS SHALL MEET ASTM C-90 FOR LOAD BEARING TYPE MASONRY. MORTAR SHALL BE TYPE "M" OR "S" AND MEET C-270. GROUT SHALL BE 3000 PSI PEA GRAVEL CONCRETE AND MEET ASTM C-476. PROVIDE HOOKED DOWELS IN FOOTINGS FOR ALL VERTICAL REINFORCING ABOVE LAP SPLICES TO BE A MINIMUM 2'-1". EXTEND VERTICAL REINFORCING INTO HIGHEST CONCRETE BEAM ABOVE. MASONRY BLOCK CELLS AT WALL ENDS, CORNERS, INTERSECTIONS AND ADJACENT TO OPENINGS SHALL BE GROUT FILLED WITH ONE #5 VERTICAL REINFORCING BAR TIE BEAMS SHALL BE POURED AFTER THE MASONRY BLOCK WALLS BELOW ARE IN PLACE CONFINCE CONCRETE IN THE TIE BEAMS TO AREA REQUIRED. DO NOT USE SOLID METAL OR FELT CAVITY CAPS. MASONRY WALLS BELOW THE SOIL LINE SHALL HAVE GALVANIZED 9 GAUGE TRUSS TYPE HORIZONTAL JOINT REINFORCEMENT AT EACH COURSING AND WALLS ABOVE THE SOIL LINE SHALL HAVE THE HORIZONTAL JOINT REINFORCING SPACED AT 16" ON CENTER.
PENETRATIONS.- NO PENETRATIONS OR OPENINGS SHALL BE MADE IN ANY STRUCTURAL MEMBERS OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS OR WITHOUT PREVIOUS APPROVAL OF THE ENGINEER.
WOOD.- WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PROTECTED OR PRESSURE TREATED IN ACCORDANCE WITH

APPLICABLE CODES

7TH EDITION (2020) FLORIDA BUILDING CODES
7TH EDITION (2020) FLORIDA BUILDING CODE: RESIDENTIAL
2017 STANDARD NATIONAL ELECTRICAL CODE

PROJECT INFORMATION

<u>ALLOWED</u>	<u>PROVIDED</u>
· OCCUPANCY/ CLASSIFICATION	RESIDENTIAL R-3
· TYPE OF CONSTRUCTION:	TYPE V (B).
· BUILDING AREA:	TOTAL UNDER ROOF: 3,663.00 SF.
· HEIGHT OF BUILDING:	20'-10" MAIN HEIGHT OF ROOF
· BUILDING HEIGHT IN STORIES:	1 STORY PROVIDED
· FLOOD ZONE:	AH/B.F.E.=13.0'
· DESIGN CRITERIA.-	170 MPH
BASIC WIND SPEED:	1.0
WIND IMPORTANCE FACTOR (Iw):	LOW-RISE BUILDING. ENCLOSED
BUILDING CATEGORY:	C
EXPOSURE CATEGORY:	



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E-1 ELECTRICAL NOTES E-2 ELECTRICAL PLAN



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NEW SINGLE FAMILY RESIDENCE
MODEL "DELTA LUXURY"

ADDRESS:
1263 GOLDEN GATE BLVD. E, NAPLES, FL. 34120
FARANOV, CLAUDIA

DESCRIPTION:
GENERAL NOTES



Jaime R. Gutierrez I., A.I.A. P. A. & Associates
P.O. BOX 1988
NAPLES, FL 34106-1988 LIC. 12205
3690 14 th ST. NAPLES, FL 34103
E-MAIL JAIMEARCHITECT@GMAIL.COM

Ph (239) 825 6498
Architect - Planner

REVISION:	
REV.	DATE
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PROJECT DATE :
08/11/2023

SCALE :
N.T.S.

SHEET :
JOB:AA517

GN



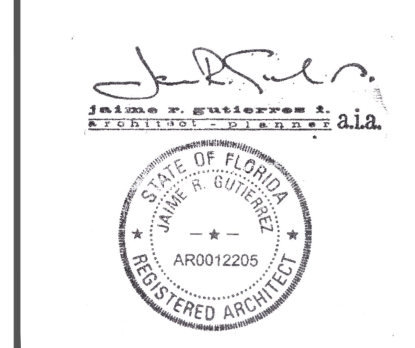
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MODEL "DELTA LUXURY"

ADDRESS:
1263 GOLDEN GATE BLVD. E, NAPLES, FL. 34120
FARANOV, CLAUDIA

DESCRIPTION:
SITE PLAN



Jaime R. Gutierrez I., A.I.A., P. A. & Associates
P.O. BOX 1988
NAPLES, FL 34106-1988 UC 12205
3690 14th ST. NAPLES, FL 34103
E-MAIL JAIMEARCHITECT@GMAIL.COM
Ph (239) 825 6498
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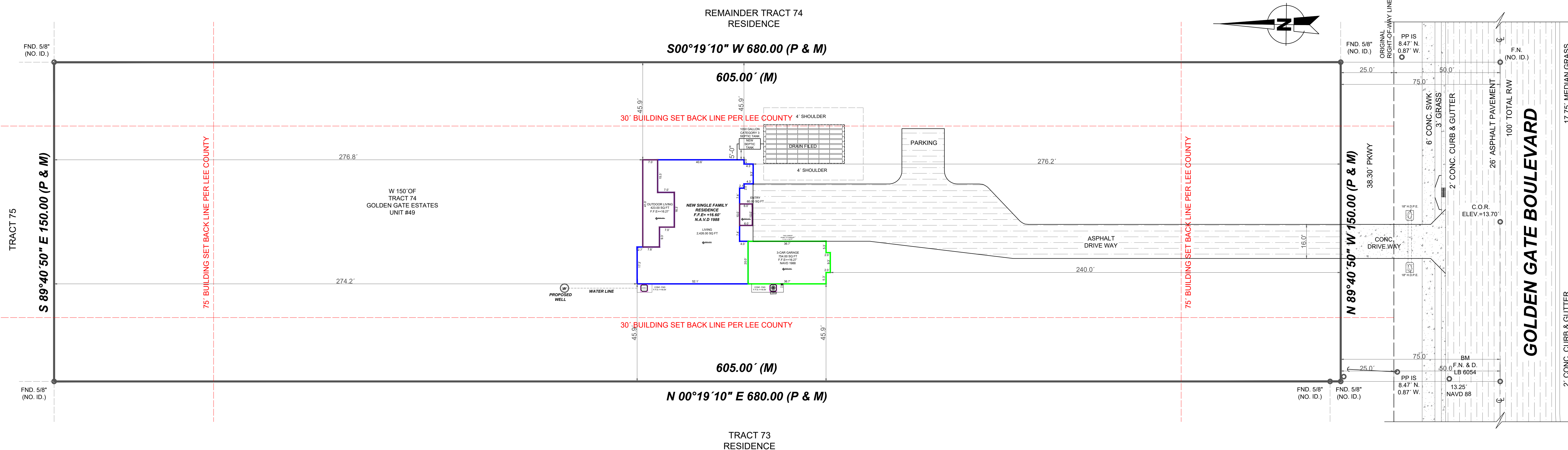
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PROJECT DATE :
08/11/2023

SCALE :
1/24"=1'-0"

SHEET :
JOB:AA517

A-1



BUILDING SQUARE FOOTAGE		
AREA SUMMARY		
TOTAL A/C LIVING AREA:	2,426.00	SQ FT
ENTRY:	60.00	SQ FT
3-CAR GARAGE:	754.00	SQ FT
OUTDOOR LIVING:	423.00	SQ FT
NON A/C LIVING:	1,237.00	SQ FT
TOTAL UNDER ROOF:	3,663.00	SQ FT

SITE PLAN
SCALE: 1/24" = 1'-0"

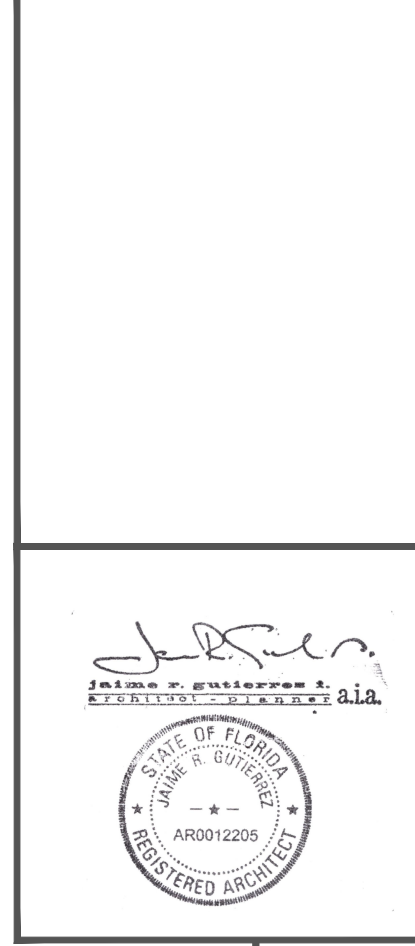
GENERAL NOTES		PROJECT DATA		DRAWINGS INDEX	
PRIOR COMMENCING WORK. CONTRACTOR SHALL REPORT ALL DISCREPANCIES BETWEEN EXISTING CONDITIONS AND BLUE PRINTS		ADDRESS 1263 GOLDEN GATE BLVD E, NAPLES, FLORIDA 34120		CS COVER SHEET GN GENERAL NOTES	
1.- CONTRACTOR OR SUBCONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE		LAND USE DESIGNATION: SITE ZONE R/3 FLOOD ZONE AH BASE FLOOD 13.0'		A-1 SITE PLAN	
TO ARCHITECT PRIOR COMMENCING WORK.		AS PER COLLIER COUNTY CODE OF ORDINANCES		A-2 FLOOR PLAN DIMENSIONS	
2.- BEFORE ADJUSTING DIMENSIONS GENERAL CONTRACTOR SHALL CONTACT ARCHITECT, AS MAY BE REQUIRED AT THE JOB SITE DUE TO FIELD CONDITIONS.		MINIMUM LOT AREA = 102,000.0 SQ. FT. APPROX. +/- 2.34 ACRES		A-3 FLOOR PLAN NOTES	
3.- ALL DETAILS AND SECTIONS SHOWN ON DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE IN THE FIELD EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.		MINIMUM LOT AREA WIDTH 150.0' FRONT & 680.0' SIDE		A-4 ELEVATIONS-1	
4.- REFER TO BOUNDARY SURVEY COMPLETED BY PROFESSIONAL LAND SURVEYOR FOR EXISTING CONDITIONS AND GRADE ELEVATIONS.		NEW SINGLE FAMILY RESIDENCE MODEL DELTA LUXURY		A-5 ELEVATIONS-2	
5.-STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETED.		DISTANCE BETWEEN LINE PROPERTY 45.9' LEFT AND 45.9' AT RIGHT SIDE		A-6 FOUNDATION PLAN	
IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. TIE DOWNS, SIMPSON CONNECTORS, BUCKETS BEAM SUPPORTERS		MINIMUM AREA BUILD= 3,663.00 SQ FT		A-7 BEAM SCHEDULE PLAN	
AND ANY VERTICAL TIE DOWNS SHALL BE INSTALLED AS REQUIRED PER CODE		MINIMUM FRONT= 240.0'		A-8 ROOF PLAN	
THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING BRACING, GUYS, OR TIE DOWNS.		MINIMUM SIDE YARD 45.9' AND 45.9'		A-9 CMU WALL DETAILS	
6.- ALL MATERIALS TO INSTALL AS PER MANUFACTURE SPECIFICATIONS AND AS PER NEW COLLIER COUNTY REGULATIONS		MINIMUM REAR YARD 274.2'		A-10 WINDOW TYPICAL DETAILS	
7.- THE ARCHITECTS AND PLANNERS ARE NOT SUPERVISING AND ADMINISTERING THIS PROJECT.		TOTAL A/C LIVING AREA 2,426.00 SQ FT		A-11 DOOR TYPICAL DETAILS	
		ENTRY 60.00 SQ FT		A-12 FRAME WALL DETAILS	
		3-CAR GARAGE 754.00 SQ FT		A-13 TYPICAL DETAILS	
		OUTDOOR LIVING 423.00 SQ FT		E-1 ELECTRICAL NOTES	
		TOTAL UNDER ROOF 3,663.00 SQFT		E-2 ELECTRICAL PLAN	
				SCOPE OF WORK	
				NEW SINGLE FAMILY RESIDENCE	
				WORK AREA: 3,663.00 SQ FT	

PROPERTY ADDRESS:			
1263 GOLDEN GATE BLVD E, NAPLES, FLORIDA 34120			
PARCEL #: 39265640001			
LEGAL DESCRIPTION:			
THE WEST 150 FT OF TRACT 74, GOLDEN GATE ESTATES, UNIT 49, ACCORDING TO THE MAP OR PLAT THEREOF, AS RECORDED IN PLAT BOOK 5, PAGE(S) 80 & 81, OF THE PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA.			
FLOOD INFORMATION: (BASED ON THE FLOOD INSURANCE RATE MAP OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY.) ELEVATION ARE REFERRED TO N.A.V.D. OF 1988.			
F.I.R.M. DATE:	FLOOD ZONE:	BASE ELEVATION:	SUFFIX:
05/16/2012	AH	13.0'	H
Sub/Condo: 342100 - GOLDEN GATE EST UNIT 49			
Use Code : 0 - VACANT RESIDENTIAL			



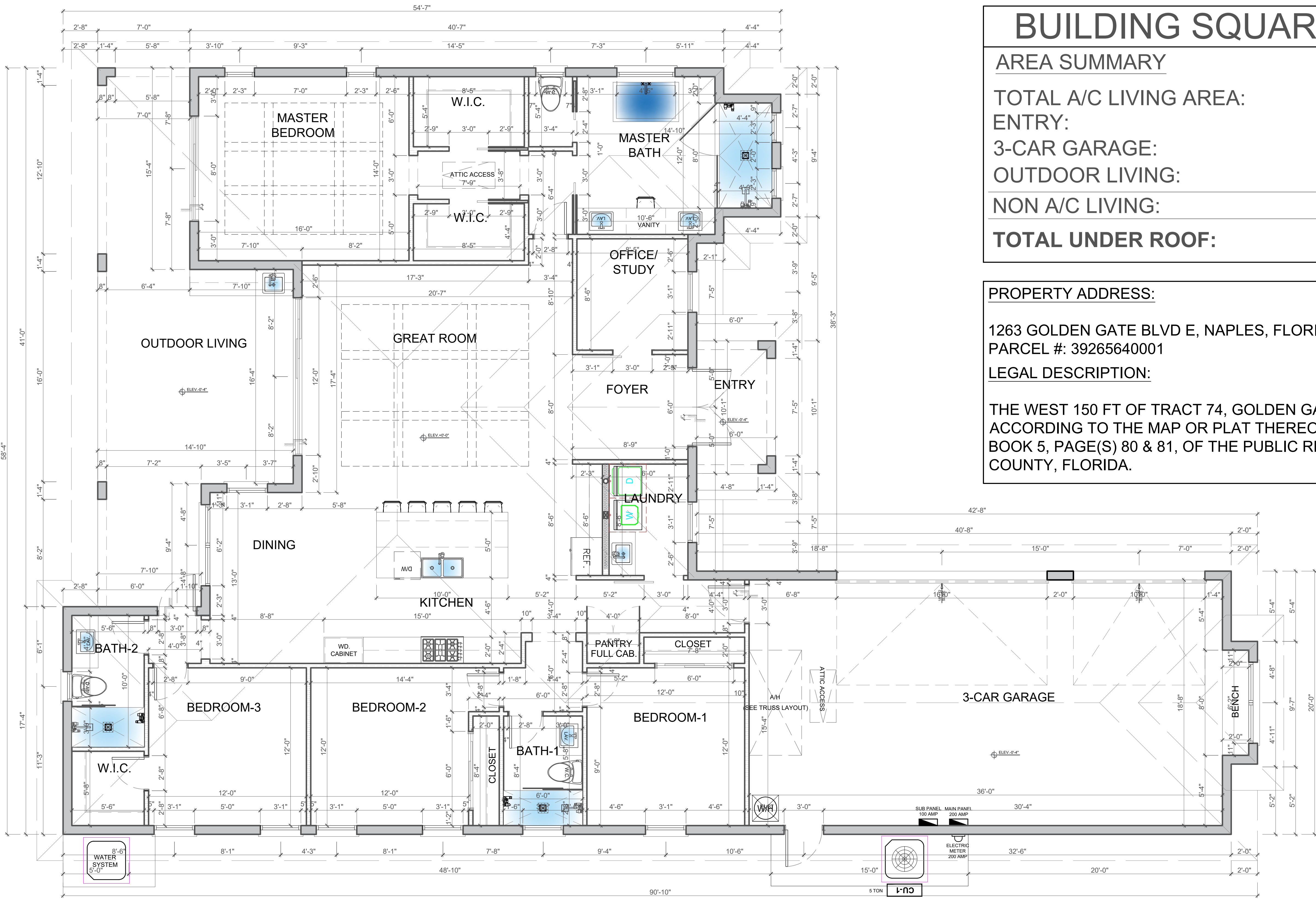
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MODEL "DELTA LUXURY"
ADDRESS: 1263 GOLDEN GATE BLVD. E, NAPLES, FL. 34120
FARANOV, CLAUDIA
DESCRIPTION: FLOOR PLAN DIMENSIONS



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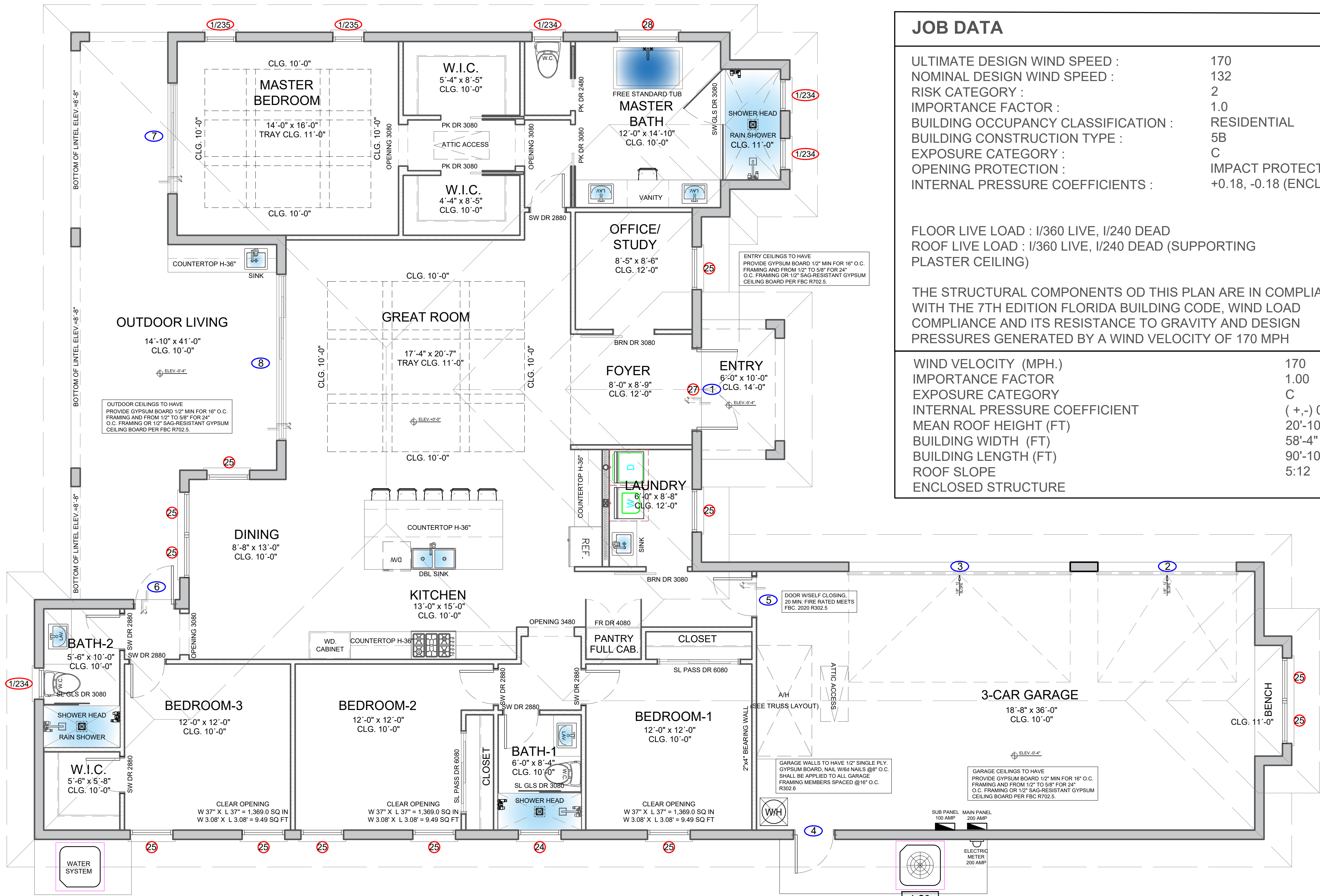


FLOOR PLAN DIMENSIONS
SCALE: 1/4" = 1'-0"

LEGEND WALL:
[Solid Grey Box] EXTERIOR CMU WALL
[Hatched Box] INTERIOR PARTITION

BUILDING SQUARE FOOTAGE		
AREA SUMMARY		
TOTAL A/C LIVING AREA:	2,426.00	SQ FT
ENTRY:	60.00	SQ FT
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FLOOR PLAN NOTES
SCALE: 1/4" = 1'-0"

DOOR SCHEDULE							
ZONE	SYMBOL /CODE	DOOR SIZE	QTY	TYPE	REMARK	MAXIMUM POSITIVE PRESSURE (PSF)	MAXIMUM NEGATIVE PRESSURE (PSF)
ZONE 4	1	6'-0" X 8'-0"	1	ENTRY FRENCH DOOR	EXT. IMPACT	27.9	-30.0
ZONE 5	2	10'-0" X 8'-0"	1	GARAGE OH. GARAGE DR	EXT. IMPACT	26.5	-32.0
ZONE 4	3	16'-0" X 8'-0"	1	GARAGE OH. GARAGE DR	EXT. IMPACT	23.2	-25.0
ZONE 4	4	3'-0" X 8'-0"	1	PANEL	EXT. IMPACT	27.9	-30.0
ZONE 5	5	3'-0" X 8'-0"	1	PANEL	INT. NON IMPACT	27.9	-35.0
ZONE 5	6	3'-0" X 8'-0"	1	PANEL	EXT. IMPACT	27.9	-35.0
ZONE 5	7	8'-0" X 8'-0"	1	M. BED. SL GLASS DR	EXT. IMPACT	26.5	-32.0
ZONE 4	8	12'-0" X 8'-0"	1	G. ROOM SL GLASS DR	EXT. IMPACT	26.5	-29.0

NOTE: ALL DOORS & WINDOWS TO BE IMPACT RESISTANT.
ADD 1" WIDTH AND HEIGHT TO WINDOW ROUGH OPENING

JOB DATA

ULTIMATE DESIGN WIND SPEED : 170
NOMINAL DESIGN WIND SPEED : 132
RISK CATEGORY : 2
IMPORTANCE FACTOR : 1.0
BUILDING OCCUPANCY CLASSIFICATION : RESIDENTIAL
BUILDING CONSTRUCTION TYPE : 5B
EXPOSURE CATEGORY : C
OPENING PROTECTION : IMPACT PROTECTION GLASS
INTERNAL PRESSURE COEFFICIENTS : +0.18, -0.18 (ENCLOSED)

FLOOR LIVE LOAD : 1/360 LIVE, 1/240 DEAD
ROOF LIVE LOAD : 1/360 LIVE, 1/240 DEAD (SUPPORTING PLASTER CEILING)

THE STRUCTURAL COMPONENTS OD THIS PLAN ARE IN COMPLIANCE WITH THE 7TH EDITION FLORIDA BUILDING CODE, WIND LOAD COMPLIANCE AND ITS RESISTANCE TO GRAVITY AND DESIGN PRESSURES GENERATED BY A WIND VELOCITY OF 170 MPH

WIND VELOCITY (MPH.) 170
IMPORTANCE FACTOR 1.00
EXPOSURE CATEGORY C
INTERNAL PRESSURE COEFFICIENT (+,-) 0.18
MEAN ROOF HEIGHT (FT) 20'-10"
BUILDING WIDTH (FT) 58'-4"
BUILDING LENGTH (FT) 90'-10"
ROOF SLOPE 5:12
ENCLOSED STRUCTURE

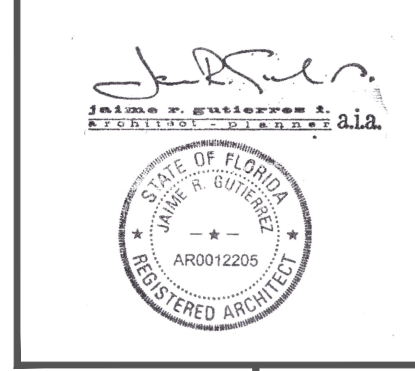
WINDOW SCHEDULE							
ZONE	SYMBOL /CODE	WINDOW SIZE	QTY	TYPE	MAXIMUM POSITIVE PRESSURE (PSF)	MAXIMUM NEGATIVE PRESSURE (PSF)	REMARK
ZONE 4	24	37" X 36"	1	FIX WINDOWS	29.7	-32.0	IMPACT
ZONE 4	25	37" X 63"	6	SINGLE HUNG	31.2	-33.0	IMPACT
ZONE 5	25	37" X 63"	1	SINGLE HUNG	31.2	-41.0	IMPACT
ZONE 4	25	37" X 63"	4	SINGLE HUNG EGRESS	31.2	-33.0	IMPACT
ZONE 5	25	37" X 63"	1	SINGLE HUNG EGRESS	31.2	-41.0	IMPACT
ZONE 4	27	72" X 24"	1	FIX WINDOWS	29.7	-32.0	IMPACT
ZONE 5	28	60" X 36"	1	FIX WINDOWS	31.2	-41.0	IMPACT
ZONE 4	1/234	26 1/2" X 36"	3	FIX WINDOWS	29.7	-32.0	IMPACT
ZONE 5	1/234	26 1/2" X 36"	1	FIX WINDOWS	29.7	-39.0	IMPACT
ZONE 4	1/235	26 1/2" X 63"	1	SINGLE HUNG	29.7	-32.0	IMPACT
ZONE 5	1/235	26 1/2" X 63"	1	SINGLE HUNG	29.7	-39.0	IMPACT

NOTE: USE "DuPont FlexWrap NF" SELF ADHERED FLASHING (OR SIMILAR) AROUND WINDOWS AND DOORS PER MANUFACTURER RECOMMENDATIONS. SELF-ADHERED MEMBRANE USED AS FLASHING SHALL COMPLY WITH AAMA 711. THE FLASHING SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH.



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PROJ. NAME: NEW SINGLE FAMILY RESIDENCE
MODEL "DELTA LUXURY"
ADDRESS: 1263 GOLDEN GATE BLVD. E, NAPLES, FL 34120
FARANOVO, CLAUDIA
DESCRIPTION: FLOOR PLAN NOTES



Jaime R. Gutierrez I., A.I.A. P. A. & Associates
P.O. BOX 1598
NAPLES, FL 34106-1598
3690 14th ST. NAPLES, FL 34103
Ph: (239) 825 6498
E-MAIL JAIMEARCHITECT@GMAIL.COM
Architect - Planner

REVISION:	
REV.	DATE
PROJECT DATE : 08/11/2023	
SCALE : 1/4"=1'-0"	
SHEET : JOB:AA517	
A-3	

ELEV. +20'-10"
TOP OF MAIN ROOF

ELEV. +18'-10"
TOP OF ROOF

ELEV. +17'-5"
TOP OF ENTRY ROOF

ELEV. +15'-6"
TOP OF ROOF

ELEV. +14'-0"
TOP OF ENTRY BEAM

ELEV. +12'-0"
TOP OF TIE BEAM

ELEV. +11'-0"
TOP OF TIE BEAM

ELEV. +10'-0"
TOP OF TIE BEAM

ELEV. +8'-0"
TOP OF DOOR & WINDOWS

ELEV. +0'-0"
FINISH FLOOR

FRONT ELEVATION
SCALE: 3/8" = 1'-0"

ELEV. +20'-10"
TOP OF MAIN ROOF

ELEV. +15'-0"
TOP OF ROOF

ELEV. +10'-0"
TOP OF TIE BEAM

ELEV. +8'-0"
TOP OF DOOR & WINDOWS

ELEV. +0'-0"
FINISH FLOOR

REAR ELEVATION
SCALE: 3/8" = 1'-0"



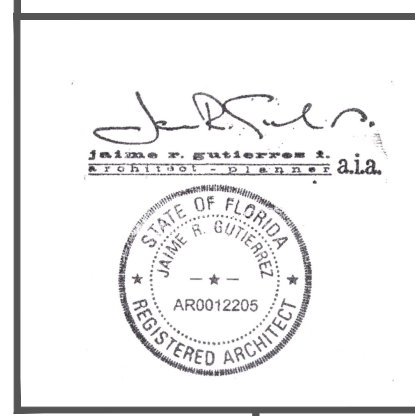
THE OWNER OR CONTRACTOR:

- SHALL BE TOTALLY RESPONSIBLE FOR THE CONSTRUCTION PHASE OF THIS PROJECT & STRICTLY FOLLOWS THE LOCAL BUILDING CODES AND ORDINANCES.
- THEY SHALL ALSO NOTIFY THE ARCHITECT IN WRITING FOR ANY ERRORS, OMISSIONS, OR NON-CONFORMANCE OF SUCH CODES & ORDINANCES IN THE CONSTRUCTION DOCUMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
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PROJ. NAME:
NEW SINGLE FAMILY RESIDENCE
MODEL "DELTA LUXURY"

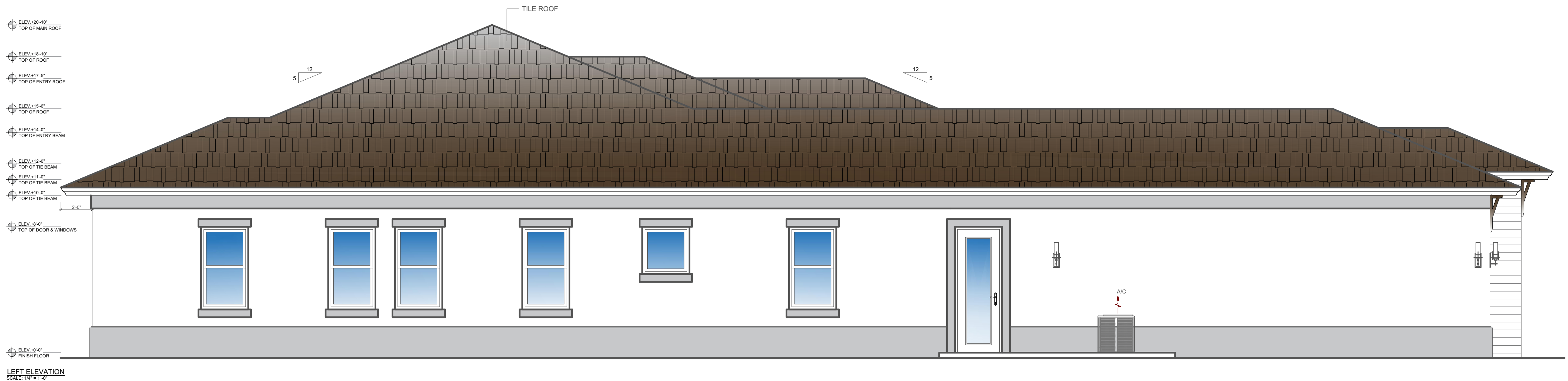
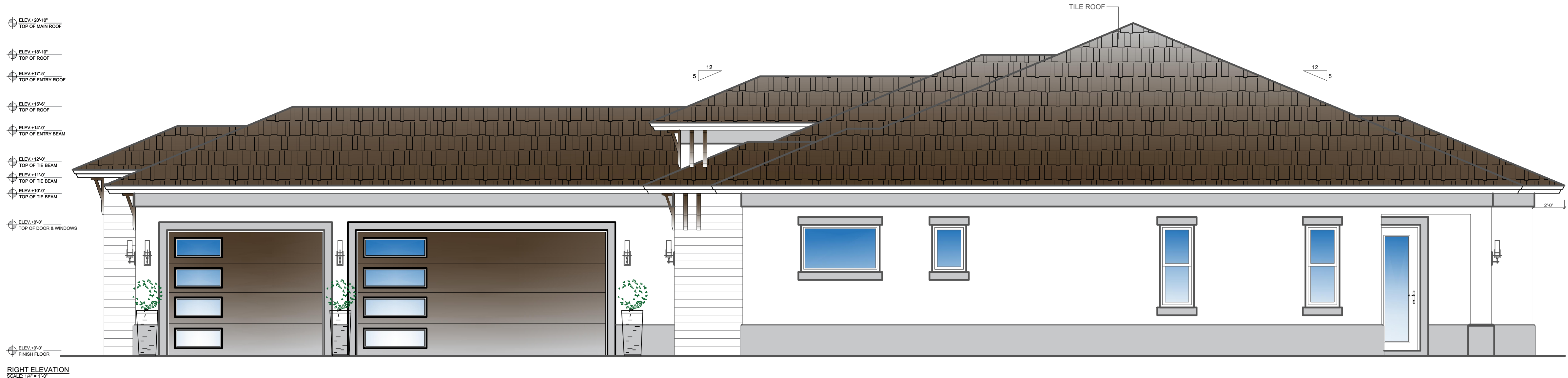
ADDRESS:
1263 GOLDEN GATE BLVD. E, NAPLES, FL. 34120
FARANOVO, CLAUDIA

DESCRIPTION:
ELEVATIONS-1



Jaime R. Gutierrez I., A.I.A., P.A. & Associates
P.O. BOX 1988
NAPLES, FL 34106-1988 LIC. 12205
3690 14th ST. NAPLES, FL 34103
E-MAIL JAIMEARCHITECT@GMAIL.COM
Ph: (239) 825 8498
Architect - Planner

REVISION:	
REV.	DATE
△	
△	
△	
PROJECT DATE : 08/11/2023	
SCALE : 3/8"=1'-0"	
SHEET : JOB:AA517	
A-4	



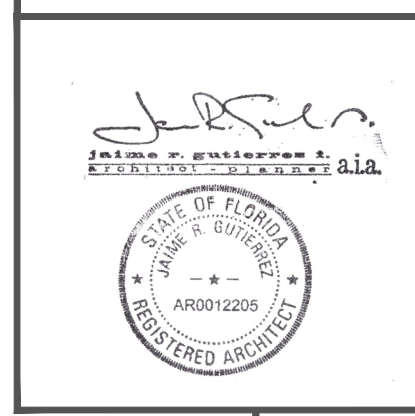
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PROJ. NAME:
NEW SINGLE FAMILY RESIDENCE
MODEL "DELTA LUXURY"

ADDRESS:
1263 GOLDEN GATE BLVD. E, NAPLES, FL. 34120
FARANOVO, CLAUDIA

DESCRIPTION:
ELEVATIONS-2



Jaime R. Gutierrez I., A.I.A., P.A. & Associates
P.O. BOX 1586
NAPLES, FL 34106-1586 LIC. 12205
3690 14th ST. NAPLES, FL 34103
E-MAIL JAIMEARCHITECT@GMAIL.COM

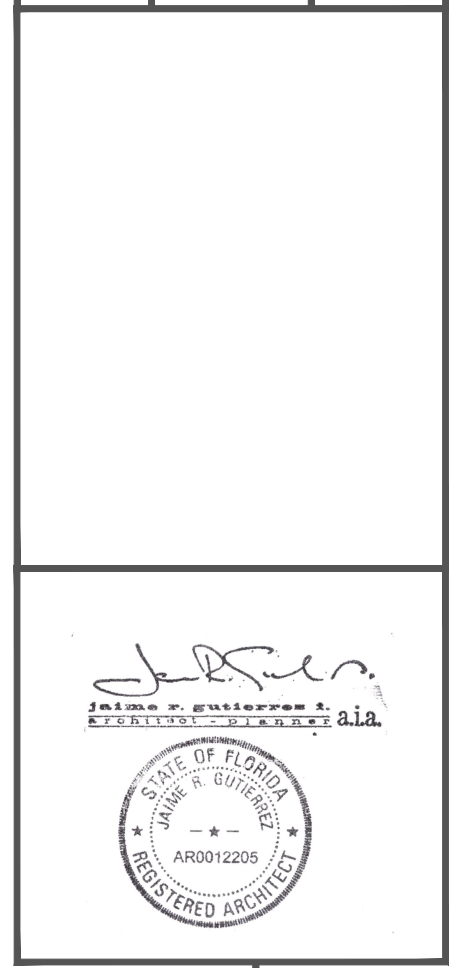
Ph: (239) 825 6498
Architect - Planner

REVISION:	
REV.	DATE
△	
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△	
PROJECT DATE : 08/11/2023	
SCALE : 1/4"=1'-0"	
SHEET : JOB:AA517	
A-5	

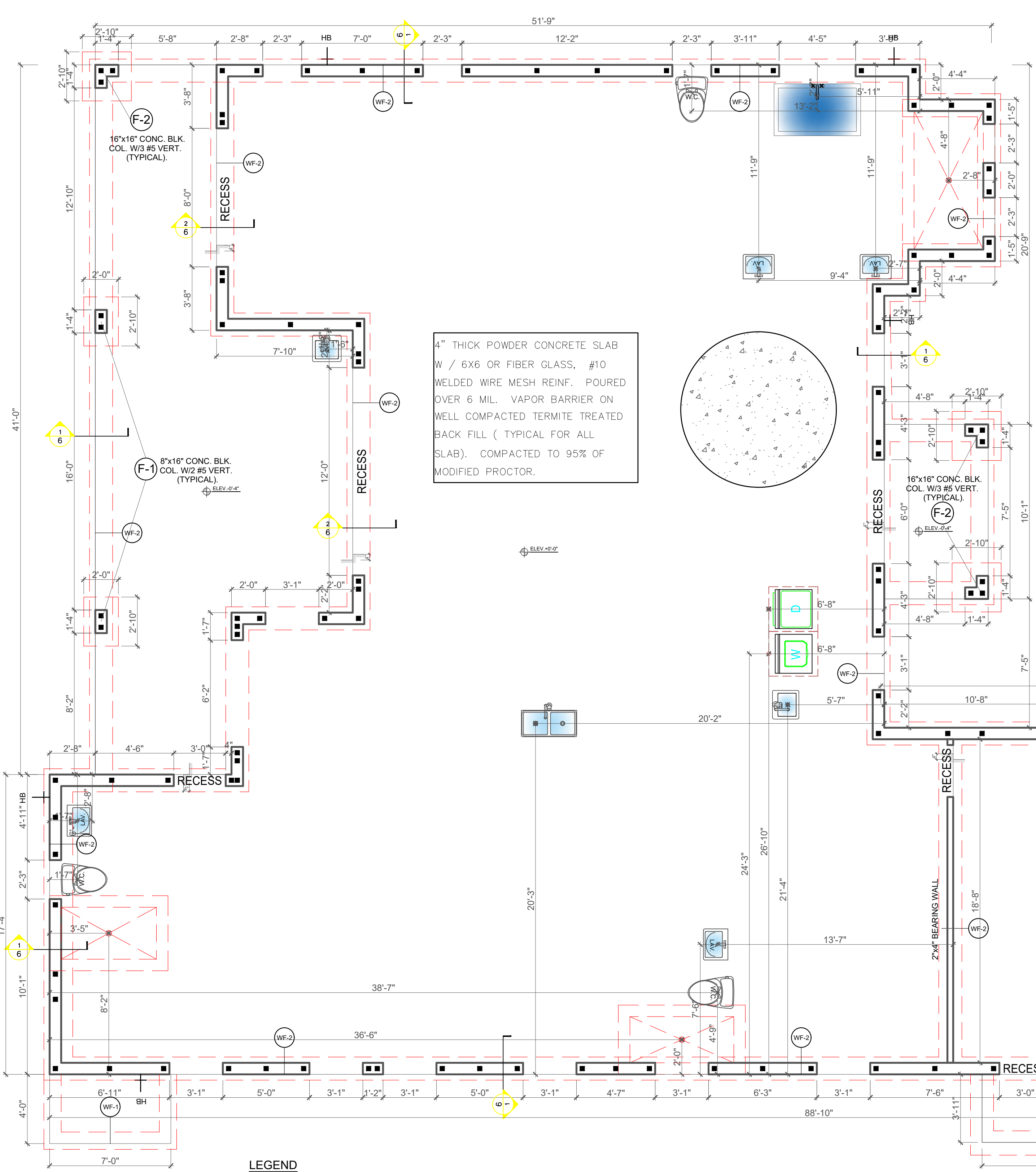


THE OWNER OR CONTRACTOR:
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PROJ. NAME: NEW SINGLE FAMILY RESIDENCE
MODEL "DEL TA LUXURY"
ADDRESS: 1263 GOLDEN GATE BLVD. E, NAPLES, FL 34120
FARANOV, CLAUDIA
DESCRIPTION: FOUNDATION PLAN

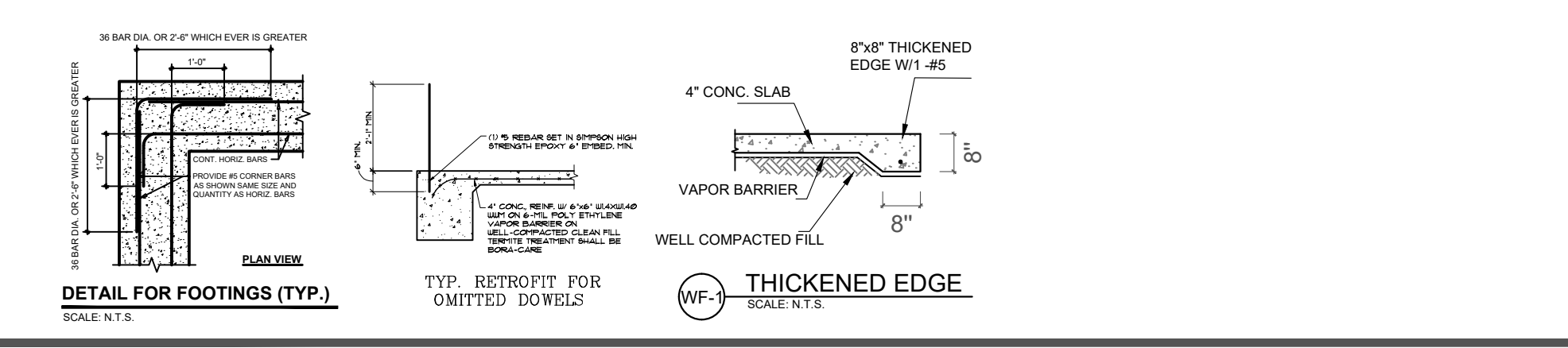


Jaime R. Gutierrez I., A.I.A. P. A. & Associates
P.O. BOX 1988
NAPLES, FL 34108-1988
3690 14th ST. NAPLES, FL 34103
E-MAIL: JAIMEARCHITECT@GMAIL.COM
Ph: (239) 825 8498
Architect - Planner
REVISION:
REV. DATE
PROJECT DATE: 08/11/2023
SCALE: 1/4"=1'-0"
SHEET: JOB:AA517
A-6



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

MARK	SIZE	REINFORCEMENT	REMARKS
WF-1	8" x 8"	8" X 8" CONC. FOOTING W/1 #5 CONT.	
WF-2	16" x 16"	16" X 16" CONC. FOOTING W/3 #5 CONT. STEM WALL	
F-1	24" x 34" x 16"	CONCRETE PAD W/ #5d BARS @ 6" O.C. EACH WAY, 3" OFF OF BOTTOM OF FOUNDATION	
F-2	34" x 34" x 16"	CONCRETE PAD W/ #5d BARS @ 6" O.C. EACH WAY, 3" OFF OF BOTTOM OF FOUNDATION	



FOUNDATION/GROUND FLOOR NOTES

- FLOOR SLAB IS A 4" CONC. SLAB-ON-GRADE (f=3000 psi) WITH 6 X 6 W1.4 X W1.4 W.W.F. @ MID-DEPTH (NOT SHOWN) ON WELL. COMPACTED & TREATED SOIL OVER 6 MIL. VAPOR BARRIER. REFER TO DETAIL. SOIL SHALL BE COMPACTED TO 95% MODIFIED PROCTOR PER ASTM D 1557 IN LIFTS NOT TO EXCEED 12".
- FOUNDATIONS ARE DESIGNED FOR 3000 PSF. GENERAL CONTRACTOR SHALL VERIFY THE VALIDITY OF THIS ASSUMPTION.
- CENTER OF LOAD SHALL COINCIDE WITH CENTER OF FOOTING U.N.O.
- ALL CONCRETE TO HAVE A MINIMUM 3000 PSI COMPRESSIVE STRENGTH WITH THE WATER/CEMENT RATIO OF 0.5 MAXIMUM.
- REFER TO ARCHITECTURE PLANS FOR ALL DIMENSIONS.
- ALL REINFORCEMENT SHALL BE GRADE 60.
- BUILDING PAD SHALL BE COMPACTED 5'-0" EACH SIDE OF THE BUILDING AND SLOPE AT 30 DEGREES TO GRADE. FOOTING SHALL EMBED AT LEAST 12". IF THESE CONDITIONS CAN NOT BE MET, THE BUILDING SHALL BE ON STEM WALL FOUNDATION. NOTIFY ENGINEER PRIOR TO CONSTRUCTION.
- SOIL SHALL BE TREATED FOR TERMITE PROTECTION AS PER SECTION R318 OF F.B.C. 7TH EDITION 2020.

MASONRY WALL REINFORCEMENT CEMENT

- WALL REINFORCEMENT SHALL BE DOWELED FROM FOUNDATION AND BE CONTINUOUS THROUGH SOLID GROUTED CELLS AND BE HOOKED OVER TOP REINFORCEMENT OF UPPER BEAMS. MINIMUM LAP SPICE SHALL BE 48 BAR DIAMETERS. FOR HORIZONTAL WALL REINFORCEMENT, @ EVERY OTHER COURSE.
- WALL REINFORCEMENT IS S FOLLOWS: #6 @ 48" O.C. PROVIDE 1 #5 AT ALL WALL INTERSECTIONS, CORNERS, AND EACH SIDE OF OPENINGS AND 2 #5 EACH SIDE OF OPENINGS LARGER THAN 5'-0".
- WALL SEGMENT BELOW AND ABOVE THE OPENINGS SHALL BE REINFORCED SAME AS WALL.
- MASONRY GROUT = 3000 P.S.I
- MASONRY WALL COMPRESSIVE STRENGTH OF fm = 1500 P.S.I
- MORTAR TYPE M OR S WITH 1900 P.S.I COMPRESSIVE STRENGTH.

TERMITE PROTECTION:

1816.1.2 If soil treatment is used for subterranean termite prevention, soil area disturbed after initial chemical soil treatment shall be retreated with a chemical soil treatment, including spaces boxed or formed.

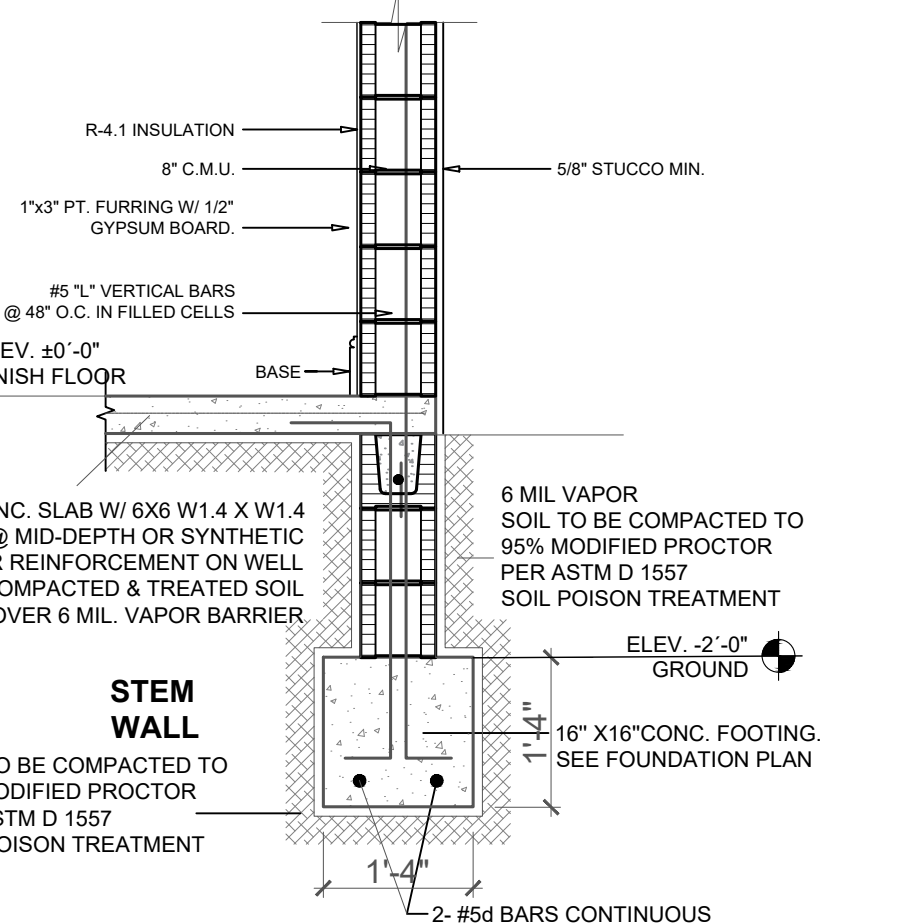
1816.1.6 If soil treatment is used for subterranean termite prevention chemical soil treatments shall also be applied a menace to public health or safety. Any such excavations made or maintained shall be properly drained and such drainage provisions shall function properly as long as the excavation exists. Permanent excavations shall have retaining walls of steel, masonry, concrete or similar approved material of sufficient strength to retain the embankment together with any surcharged loads. Under all exterior concrete or grade within 1 foot (305mm) of the primary structure side walls. Also, a vertical chemical barrier shall be applied promptly after the construction is completed, including initial landscaping and irrigation/sprinkler installation. Any soil disturbed after the chemical vertical barrier is applied shall be promptly retreated.

1816.1.7 If a registered termicide formulated and registered as a bait system is used for subterranean termite prevention, sections 1816.1.1 through 1816.16 do not apply; however, a signed contract assuring the installation, maintenance and monitoring of the baiting system for a minimum of 5 years from the issue of certificate of occupancy shall be provided to the building official prior to the pouring of the slab, and the system must be installed prior to the final building approval. If the baiting system direction of the pesticide active ingredient, the installation of the monitoring phase components shall be deemed to constitute installation of system.

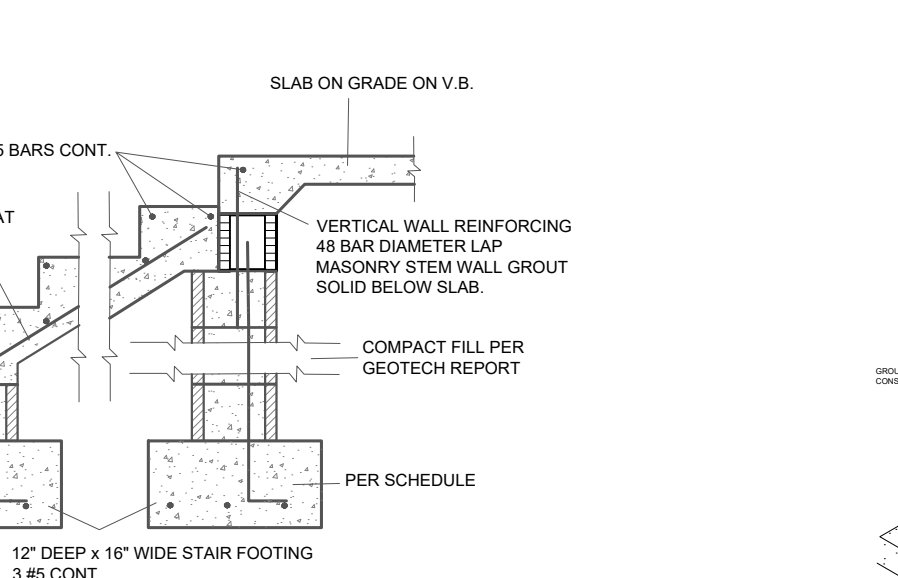
1816.1.8 If a registered termicide formulated and registered as a wood treatment is used for subterranean termite prevention, Sections 1816.1.1 through 1816.1.6 do not apply. Application of the wood-treatment termicide shall be as required by label directions for use, and must be completed prior to final building approval. Changes in framing or additions to framing in areas of the structure requiring treatment that occur after the initial wood treatment must be treated prior to final building approval.

R320.1.4 IF SOIL TREATMENT IS USED FOR SUBTERRANEAN TERMITE PREVENTION, CHEMICALLY TREATED SOIL SHALL BE PROTECTED WITH A MINIMUM 6 MIL VAPOR RETARDER TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, PRETREATMENT IS REQUIRED. ANY WORK INCLUDING PLACEMENT OF REINFORCING STEEL, DONE AFTER CHEMICAL TREATMENT UNTIL THE CONCRETE FLOOR IS POURED, SHALL BE DONE IN SUCH MANNER AS TO AVOID PENETRATING OR DISTURBING TREATED SOIL.

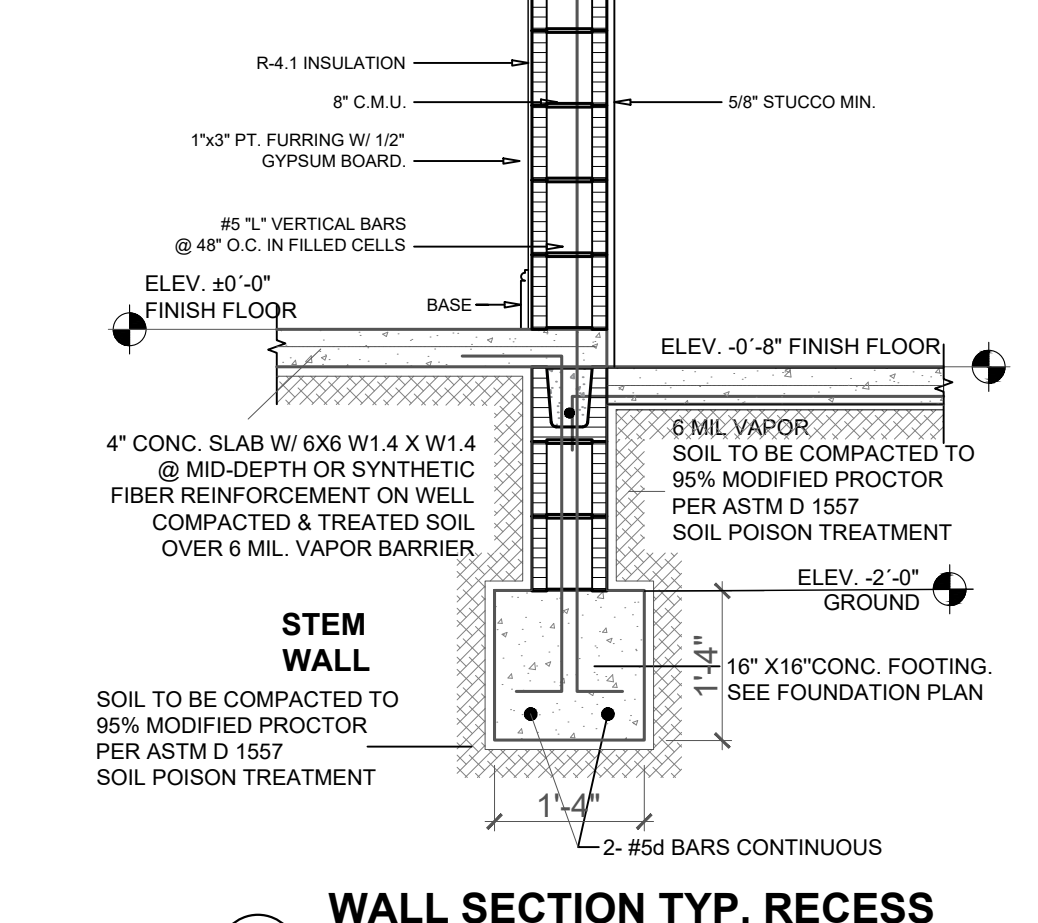
R320.1.5 IF SOIL TREATMENT IS USED FOR SUBTERRANEAN TERMITE PREVENTION CONCRETE OVERPOUR OR MORTAR ACCUMULATED ALONG THE EXTERIOR FOUNDATION PERIMETER SHALL BE REMOVED PRIOR TO EXTERIOR CHEMICAL SOIL TREATMENT, TO ENHANCE VERTICAL PENETRATION OF THE CHEMICALS.



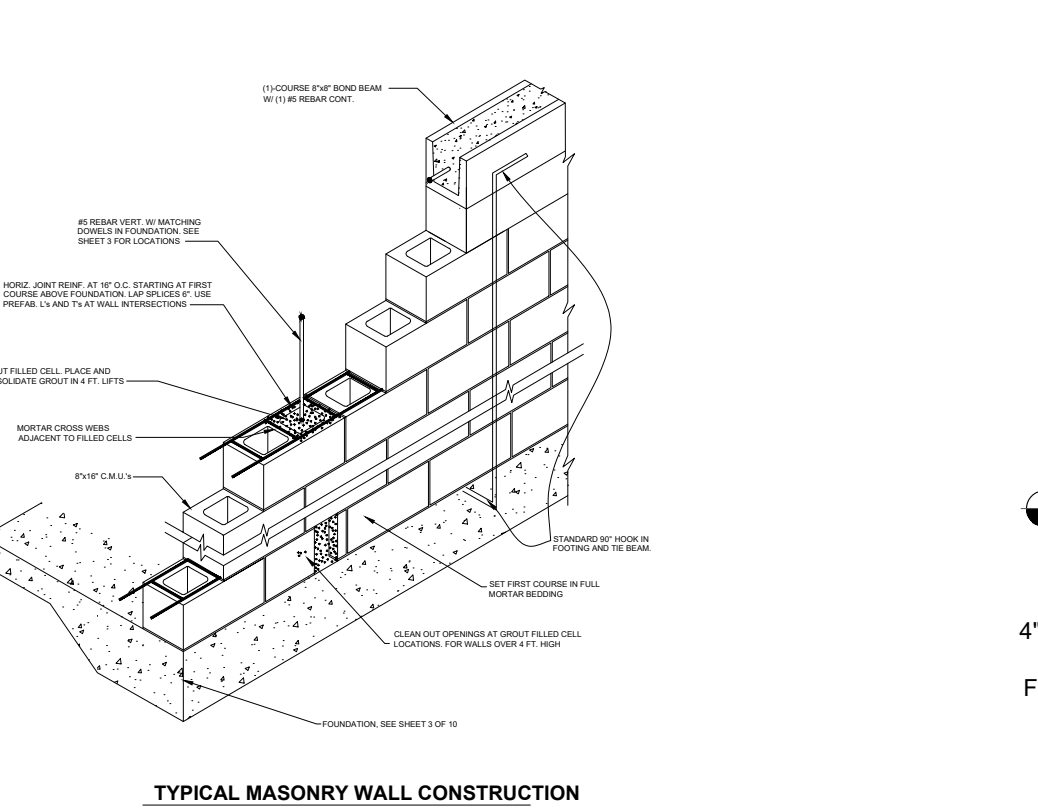
WALL SECTION TYP.
SCALE: N.T.S.



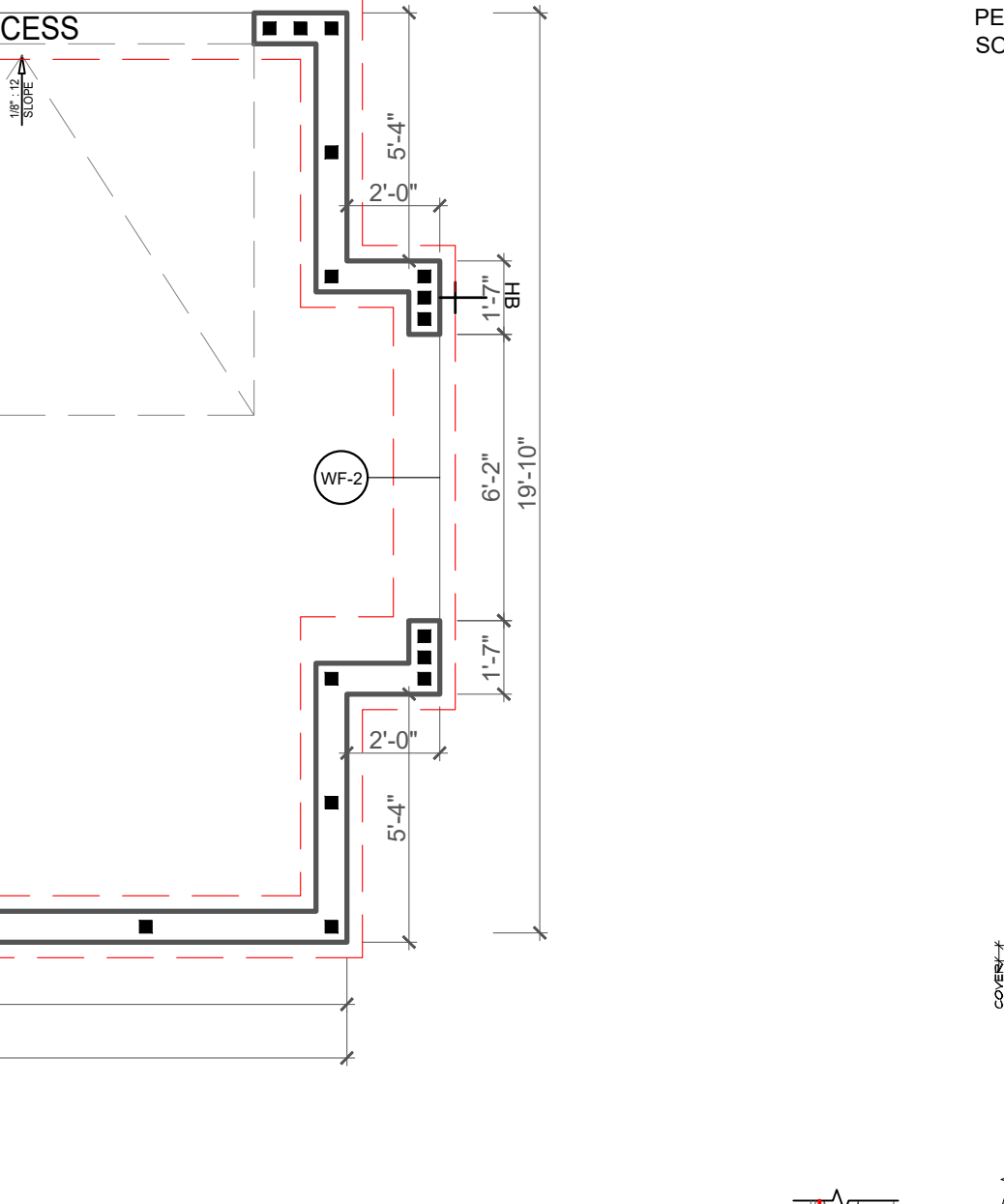
FOOTING DETAIL TYP.
SCALE: N.T.S.



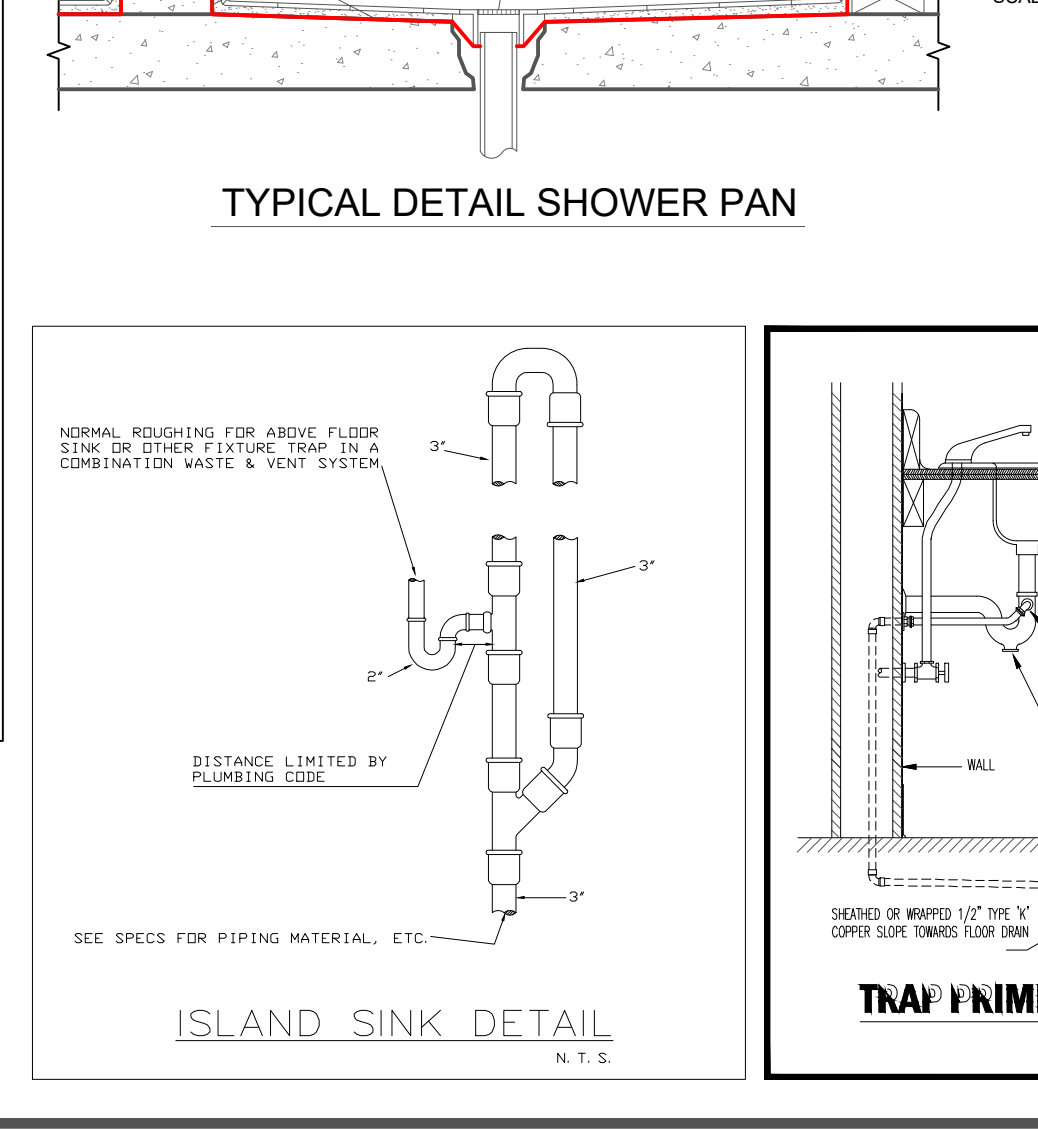
WALL SECTION TYP. RECESS
SCALE: N.T.S.



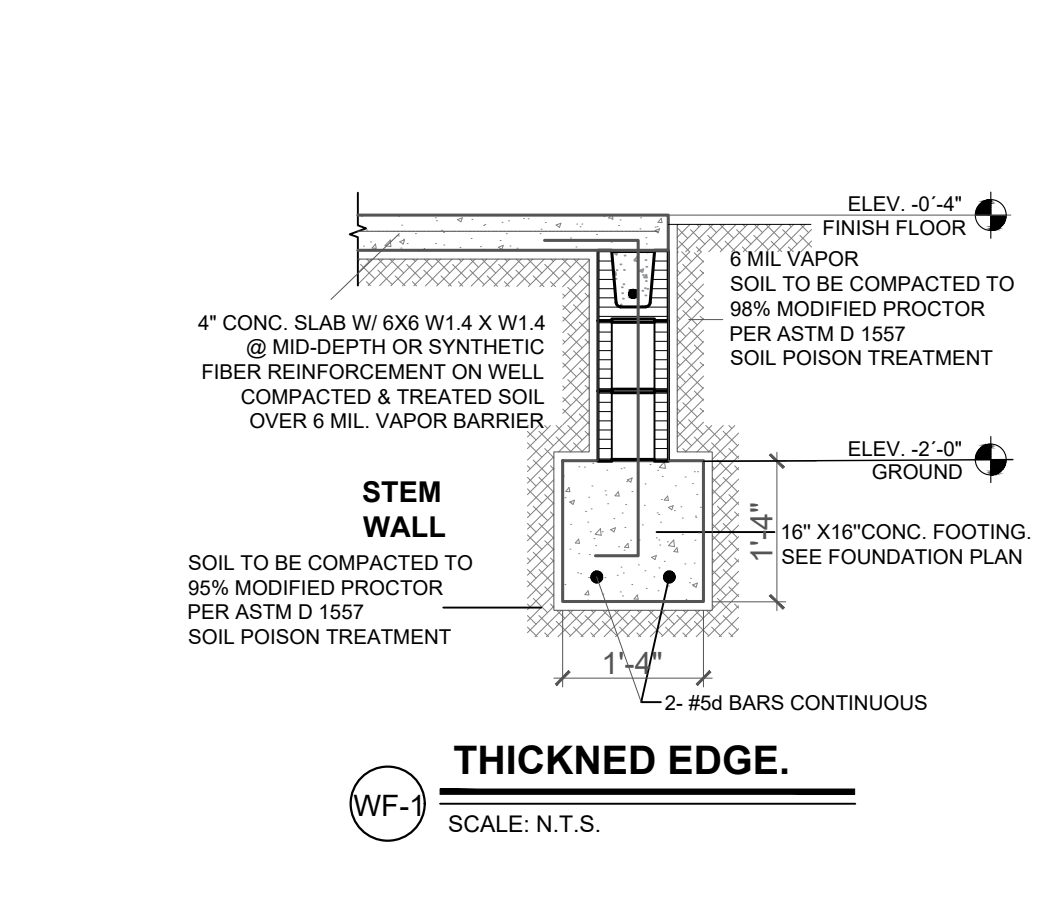
TYPICAL MASONRY WALL CONSTRUCTION
SCALE: 3/4" = 1'-0"



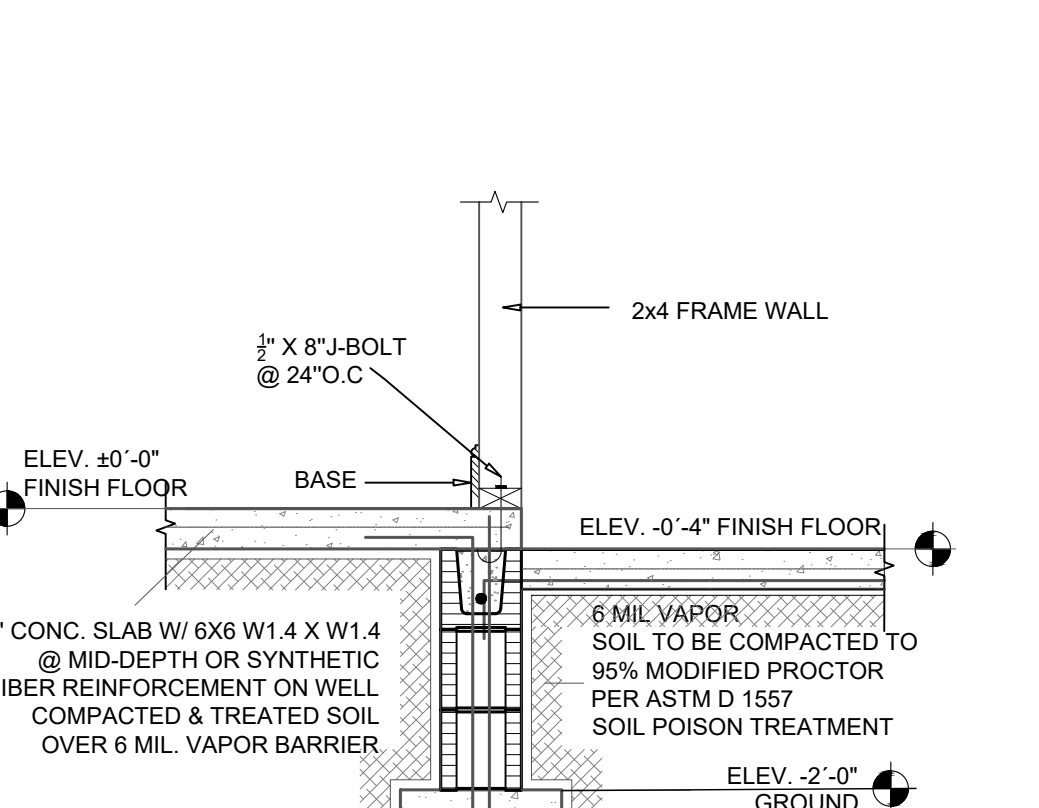
TYPICAL DETAIL SHOWER PAN
SCALE: N.T.S.



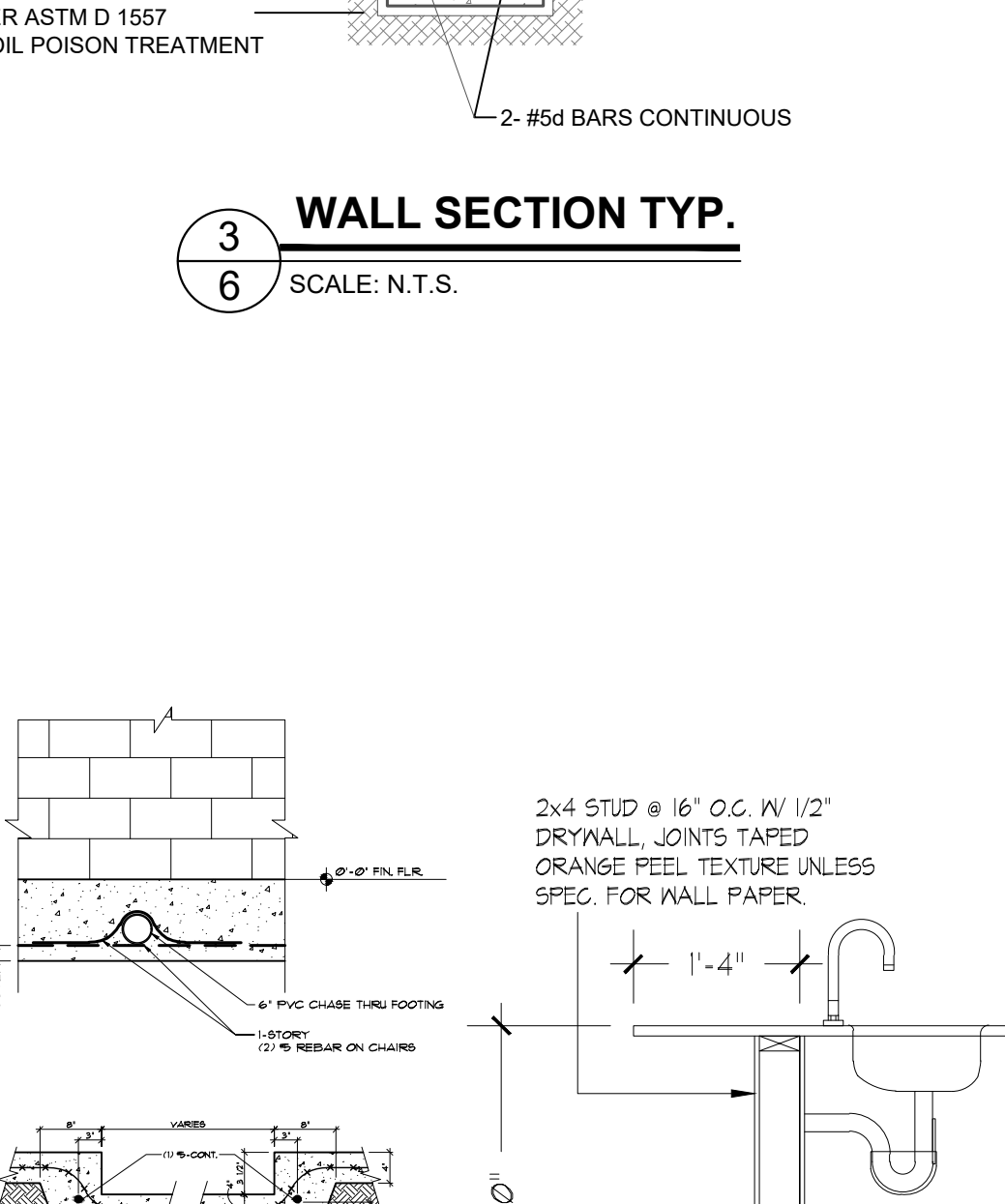
ISLAND SINK DETAIL
N.T.S.



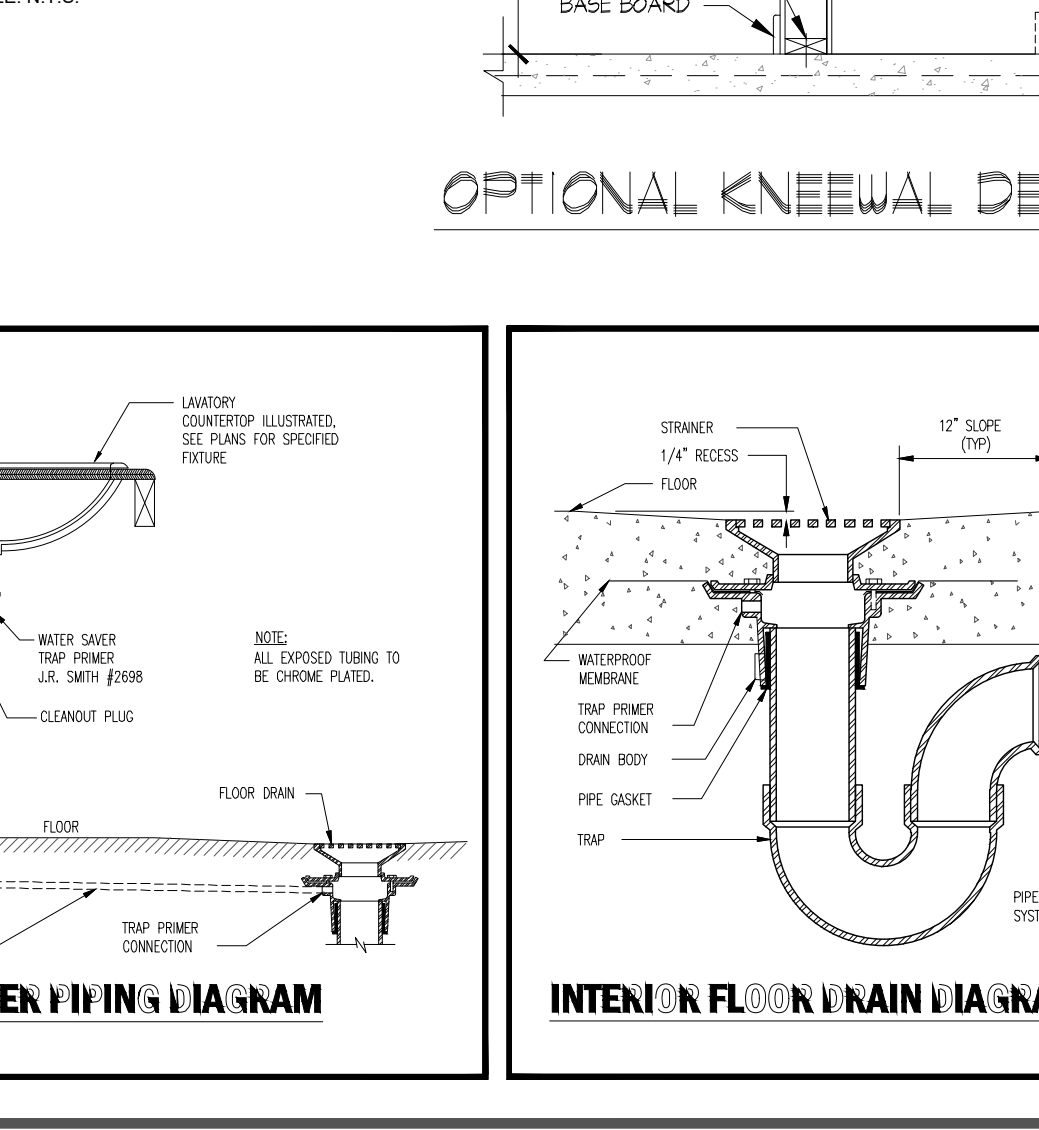
THICKENED EDGE.
SCALE: N.T.S.



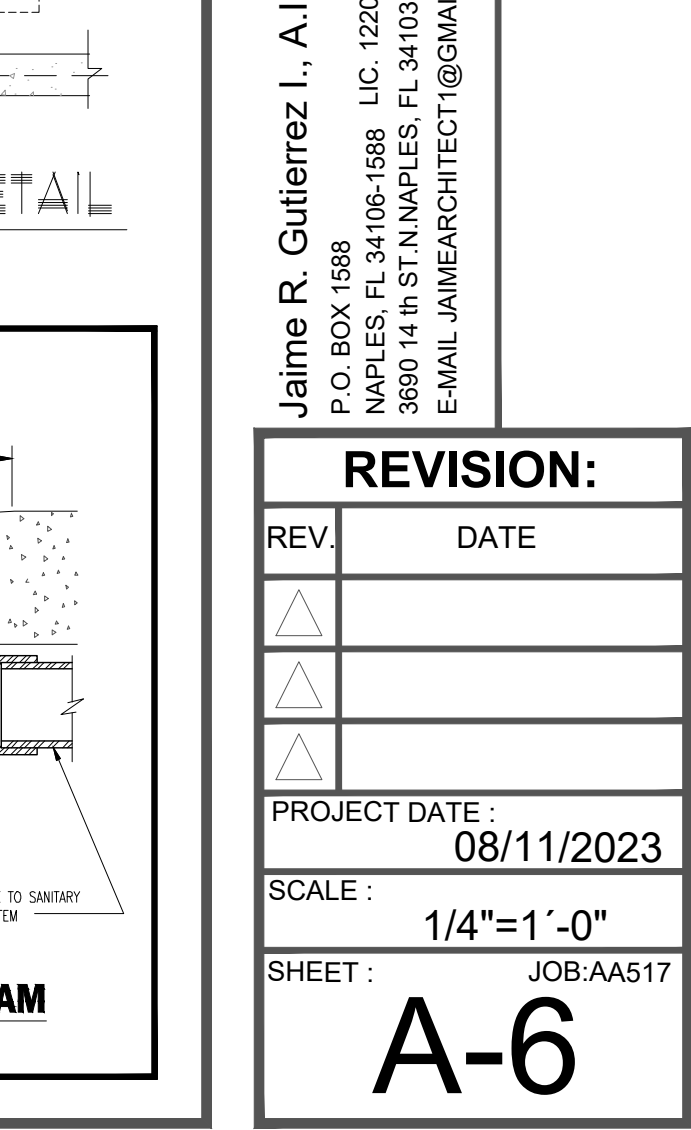
SHOWER RECESS FOOTER
SCALE: N.T.S.



OPTIONAL KNEE WALL DETAIL
SCALE: N.T.S.

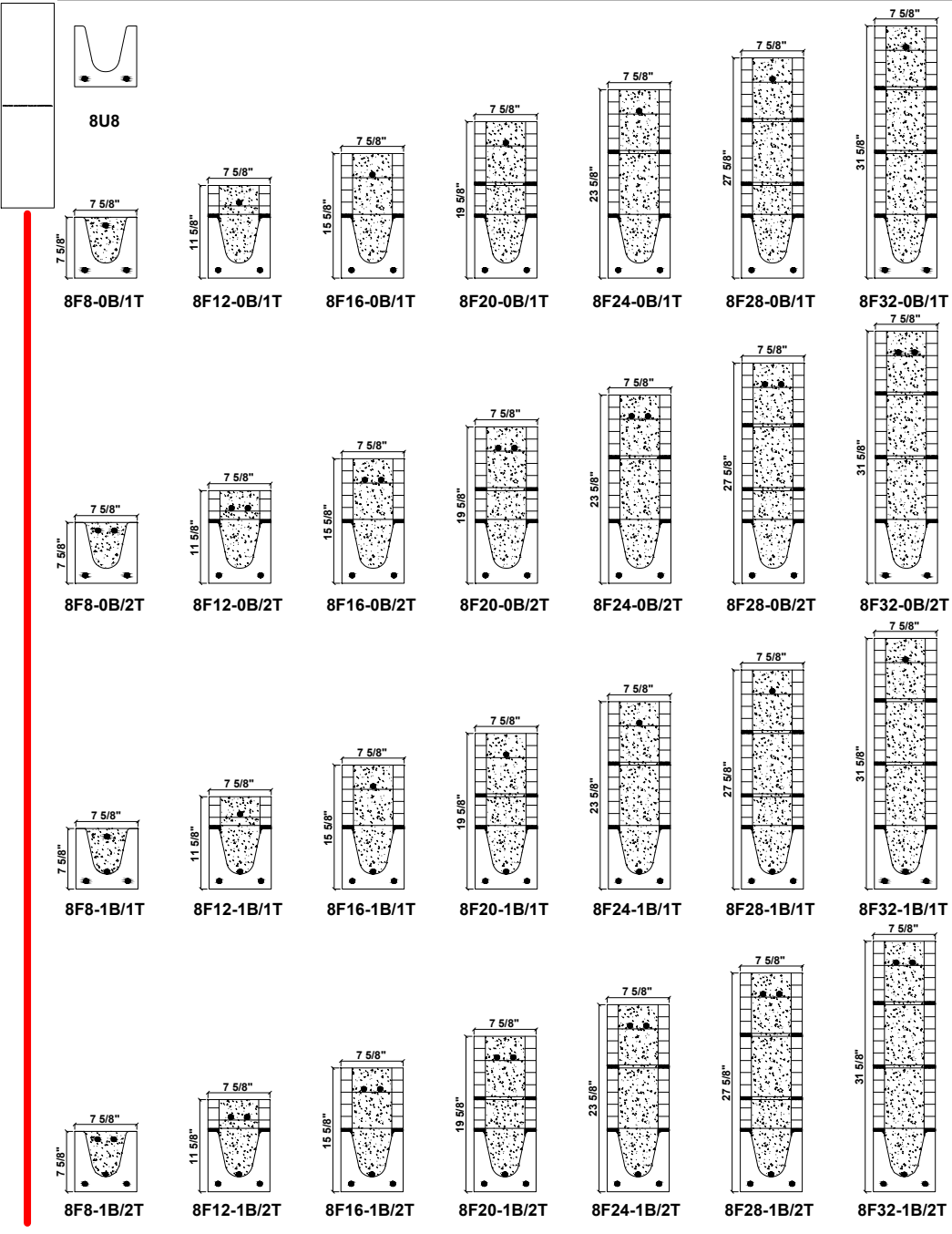


TRAP PRIMER PIPING DIAGRAM
SCALE: N.T.S.



INTERIOR FLOOR DRAIN DIAGRAM
SCALE: N.T.S.

8" COMPOSITE U-INTEL TYPES



HOW TO READ SAFE LOAD TABLES

TYPE DESIGNATION

8F24-1B/1T

GRAVITY

OVERALL LENGTH	TYPE OF INTEL	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
3'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
4'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
5'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
6'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
7'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
8'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
9'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
10'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
11'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
12'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
13'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
14'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
15'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
16'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
17'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
18'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
19'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
20'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
21'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
22'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
23'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
24'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
25'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
26'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
27'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
28'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
29'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
30'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
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32'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
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34'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
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49'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
50'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751

UPLIFT

OVERALL LENGTH	TYPE OF INTEL	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
3'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
4'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
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8'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
9'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
10'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
11'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
12'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
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14'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
15'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
16'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
17'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
18'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
19'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
20'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
21'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
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23'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
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26'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
27'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
28'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
29'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
30'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
31'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
32'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
33'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
34'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
35'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
36'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
37'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
38'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
39'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
40'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
41'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
42'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
43'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
44'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
45'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
46'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
47'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
48'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
49'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751
50'-0"	PRECAS	1866	2251	2751	3251	3751	4251	4751

For a 5'-10" overall length U-intel Type 8F24-1B/1T:
Safe superimposed gravity load = 4360 PLF
Safe superimposed uplift load = 2080 PLF
Safe superimposed lateral load = 339 PLF

SAFE LOAD TABLE NOTES

- All values based on minimum 4 inch nominal bearing.
- Exception: Safe loads for unfilled U-intels must be reduced by 20% if bearing length is less than 6 1/2 inches.
- N.R. = Not Rated.
- Safe loads are superimposed allowable loads.
- One #7 rebar may be substituted for two #5 rebar in 8 inch U-intel only.
- The designer may evaluate concentrated loads from the safe load tables by calculating the maximum resisting moment and shear at d-away from the face of support.
- For composite U-intel heights not shown, use safe load from the next lower height.
- All safe loads in units of pounds per linear foot.
- All safe loads based on simply supported span.
- The number in the parenthesis indicates the percent reduction for grade 40 field added rebar.
Example: 7'-6" U-intel Type 8F32-1B safe gravity load = 6477 (85) = 5501 plf.
- Safe load ratings based on rational design analysis per ACI 318 and ACI 530.
- U-intels loaded simultaneously with vertical (gravity or uplift) and horizontal (lateral) loads should be checked for the combined loading with the following equation:
 $\frac{\text{Applied vertical load}}{\text{Safe vertical load}} + \frac{\text{Applied horizontal load}}{\text{Safe horizontal load}} \leq 1.0$

8" PRECAST U-INTELS STANDARD LENGTHS

OVERALL LENGTH	TOP STEEL	BOTTOM STEEL
3'-0"	2-7/32" wire 2-#3 rebar	
3'-4"	2-7/32" wire 2-#3 rebar	
3'-6"	2-7/32" wire 2-#3 rebar	
4'-0"	2-7/32" wire 2-#3 rebar	
4'-6"	2-7/32" wire 2-#3 rebar	
4'-8"	2-7/32" wire 2-#3 rebar	
5'-0"	2-7/32" wire 2-#3 rebar	
5'-4"	2-7/32" wire 2-#3 rebar	
5'-6"	2-7/32" wire 2-#3 rebar	
6'-0"	2-7/32" wire 2-#3 rebar	
6'-4"	2-7/32" wire 2-#3 rebar	
6'-6"	2-7/32" wire 2-#3 rebar	
6'-8"	2-7/32" wire 2-#3 rebar	
7'-0"	2-7/32" wire 2-#3 rebar	
7'-4"	2-7/32" wire 2-#3 rebar	
7'-6"	2-7/32" wire 2-#3 rebar	
8'-0"	2-#3 rebar	2-#4 rebar
8'-4"	2-#3 rebar	2-#4 rebar
8'-6"	2-#3 rebar	2-#4 rebar
8'-8"	2-#3 rebar	2-#4 rebar
9'-0"	2-#3 rebar	2-#4 rebar
10'-0"	2-#3 rebar	2-#4 rebar
10'-4"	2-#3 rebar	2-#4 rebar
10'-6"	2-#3 rebar	2-#4 rebar
10'-8"	2-#3 rebar	2-#4 rebar
11'-0"	2-#3 rebar	2-#4 rebar
11'-4"	2-#3 rebar	2-#4 rebar
11'-6"	2-#3 rebar	2-#4 rebar
11'-8"	2-#3 rebar	2-#4 rebar
12'-0"	2-#3 rebar	2-#4 rebar
12'-4"	2-#3 rebar	2-#4 rebar
12'-6"	2-#3 rebar	2-#4 rebar
12'-8"	2-#3 rebar	2-#4 rebar
13'-0"	2-#3 rebar	2-#4 rebar
13'-4"	2-#3 rebar	2-#4 rebar
13'-6"	2-#3 rebar	2-#4 rebar
13'-8"	2-#3 rebar	2-#4 rebar
14'-0"	2-#3 rebar	2-#4 rebar

OVERALL LENGTH	TOP STEEL	BOTTOM STEEL
14'-8"	NONE	2-7/16 strand
15'-4"	NONE	2-7/16 strand
17'-4"	NONE	2-7/16 strand
19'-4"	2-7/32" wire 2-7/16 strand	
21'-4"	2-7/32" wire 2-7/16 strand	
22'-0"	2-7/32" wire 2-7/16 strand	2-#4 rebar
24'-0"	2-7/32" wire 2-7/16 strand	2-#4 rebar

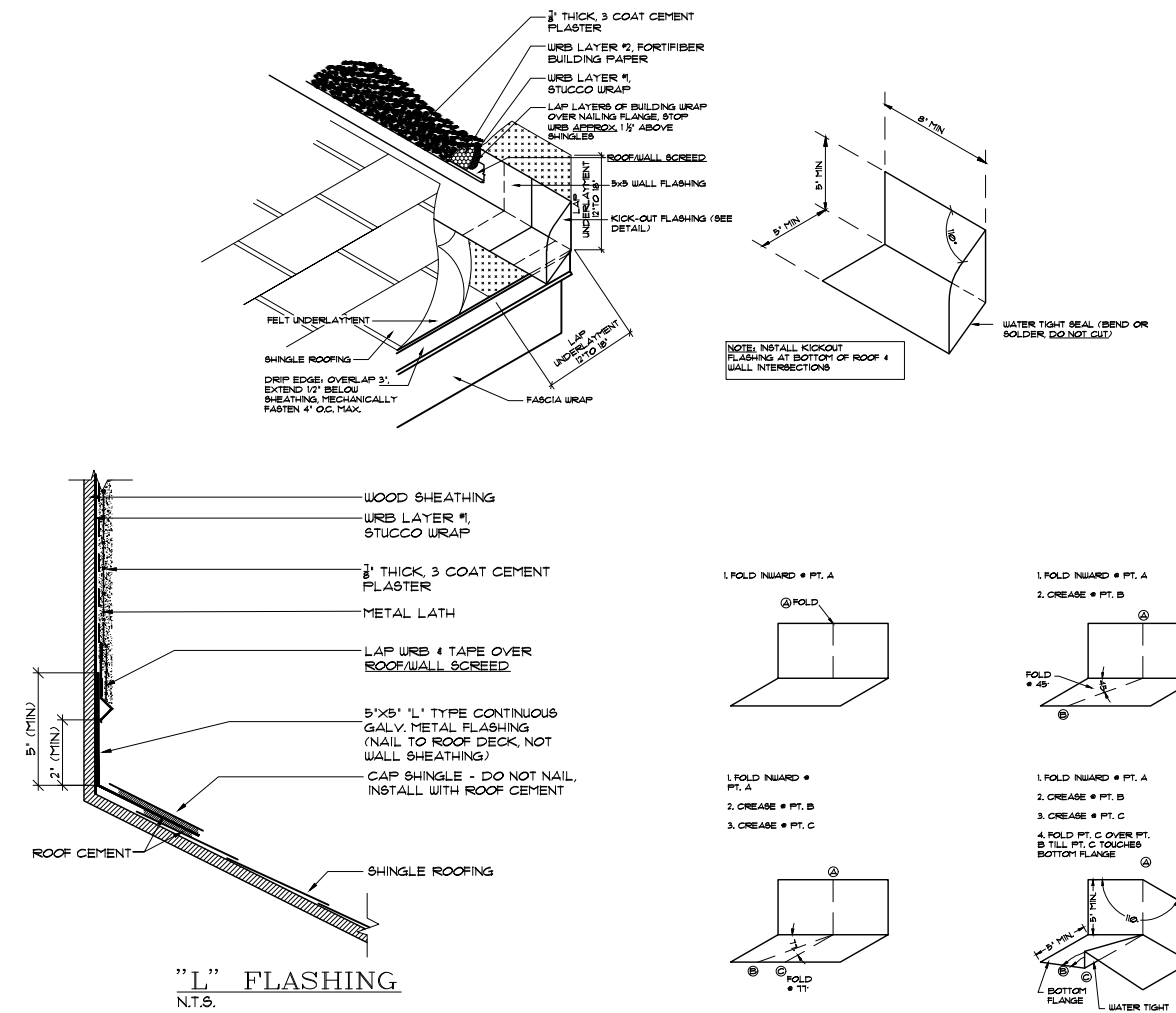
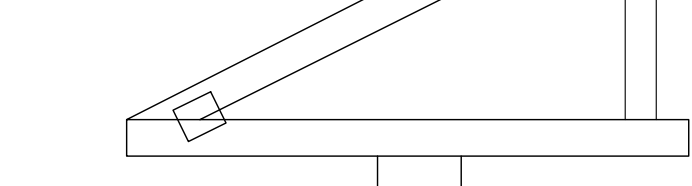
Rebar: ASTM A615 Grade 60
Wire: ASTM A510
Strand: ASTM A416 Grade 270
Concrete Strength: 4000 psi
Synthetic Fibers: 2.5 lbs/yd
Average Self Weight: 37 plf
Finish: Grey Smooth Form

BEAM SCHEDULE PLAN

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

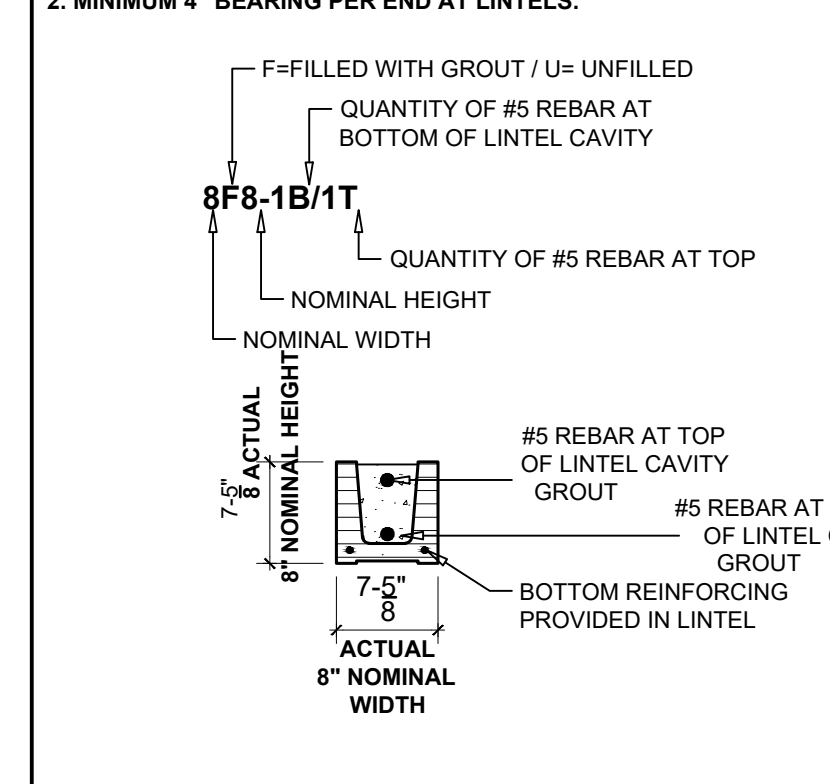
MARK	ELEV	DIM. (in.)	QTY	No.
L-1	+8'-0"	17'-4"	2	
L-2	+8'-0"	10'-8"	1	
L-3	+8'-0"	7'-4"	2	
L-3	+8'-8"	7'-4"	1	
L-3	+10'-0"	7'-4"	1	
L-4	+8'-0"	4'-0"	9	
L-4	+8'-0"	4'-0"	2	
L-5	+8'-0"	3'-0"	6	
L-6	+8'-0"	13'-4"	1	
L-7	+8'-0"	8'-8"	1	
L-7	+8'-8"	8'-8"	1	
L-7	+11'-8"	8'-8"	1	
L-8	+8'-8"	14'-0"	1	
L-9	+11'-8"	5'-4"	2	

Typical End Square Cut



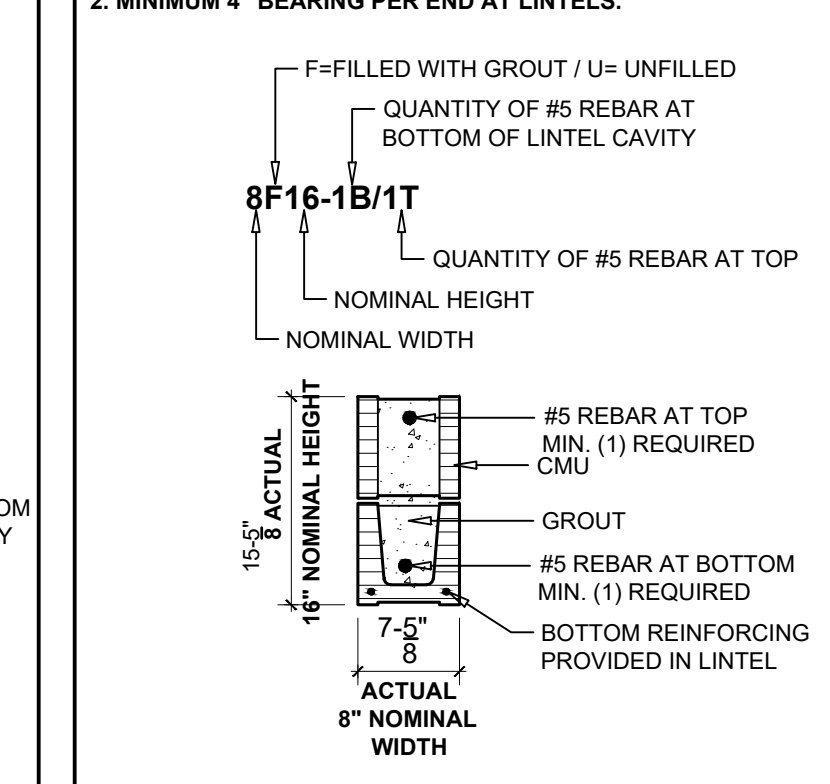
BOND BEAM LEGEND RTB

- BOND BEAM IS TO BE 8" KNOCK OUT BLOCK U.N.O. WITH #5 BAR GROUT SOLID CONTINUOUS AROUND PERIMETER OF STRUCTURE.
- MINIMUM 4" BEARING PER END AT LINTELS.



BOND BEAM LEGEND RTB, RTB-1

- BOND BEAM IS TO BE 8" KNOCK OUT BLOCK U.N.O. WITH #5 BAR GROUT SOLID CONTINUOUS AROUND PERIMETER OF STRUCTURE.
- MINIMUM 4" BEARING PER END AT LINTELS.



HOME DESIGN SERVICES INC.

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- THIS DRAWING & OTHER RELATED DOCUMENTS ARE INSTRUMENTS OF "AAA HOME DESIGN SERVICES INC." FOR USE SOLELY WITH THIS PROJECT. NO PART OF THESE DOCUMENTS OR ANY OTHER OF THESE DOCUMENTS SHALL BE REPRODUCED OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF "AAA HOME DESIGN SERVICES INC."

PROJ. NAME:
NEW SINGLE FAMILY RESIDENCE
MODEL "DELTA LUXURY"

ADDRESS:
1263 GOLDEN GATE BLVD. E. NAPLES, FL 34120
FARANOV, CLAUDIA

DESCRIPTION:
BEAM SCHEDULE PLAN

Jaime R. Gutierrez I., A.I.A. P. A. & Associates
P.O. BOX 1988
NAPLES, FL 34106-1988 UC 12205
3690 14th ST. NAPLES, FL 34103
E-MAIL JAIMEARCHITECT@GMAIL

STRUCTURAL NOTES

DESIGN CRITERIA:

THE MAIN WIND-FORCE RESISTANCE SYSTEM AND COMPONENTS AND CLADDING HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, 7TH EDITION (2020) TO WITHSTAND WIND PRESSURES GENERATED BY A MINIMUM BASIC WIND SPEED OF 170 M.P.H.

FOUNDATION:

THE FOUNDATION HAS BEEN DESIGNED FOR A SAFE LOAD BEARING CAPACITY OF 2000 PSF. THE CONTRACTOR SHALL VERIFY SOIL BEARING PRESSURES.

CONCRETE:

ALL CONCRETE WORK SHALL CONFORM TO SPECIFICATIONS FOR ALL STRUCTURAL CONCRETE FOR BUILDINGS (A.C.I.-301). CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS.

CONCRETE CLEAR COVER:

FOUNDATIONS: 3"
BEAMS: 1.50" TO STIRRUP
SLABS NOT EXPOSED TO THE WEATHER: 0.75"
SLABS EXPOSED TO THE WEATHER: 1.50"

REINFORCING STEEL:

ALL REINFORCING STEEL BARS SHALL CONFORM TO ASTM 615 SPECIFICATIONS AND SUPPLEMENTARY REQUIREMENTS S1.FOR DEFORMED BILLET STEEL WITH 60,000 PSI MINIMUM YIELD STRENGTH. PROVIDE DOWELS IN FOUNDATIONS TO MATCH REINFORCING ABOVE.

PRE-ENGINEERED WOOD ROOF TRUSSES:

PRE-ENGINEERED WOOD ROOF TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING LOADS:

L.L. TOP CHORD 20 PSF
D.L. TOP CHORD 20 PSF
D.L. BOTTOM CHORD 10 PSF

TRUSS MANUFACTURER SHALL SUBMIT SIGNED AND SEALED PLAN VIEW SHOP DRAWINGS W/ ENGINEERED PROFILES AND CALCULATIONS SHOWING ALL REQUIRED TIE DOWNS PRIOR TO GENERAL CONSTRUCTION. ALL ROOF TRUSSES SHALL BE DESIGNED FOR A MIN. BASIC WIND SPEED OF 170 M.P.H. PER THE FLORIDA BUILDING CODE, 7TH EDITION (2020).

MASONRY:

SHALL CONFORM TO ASTM C-90. UNITS SHALL BE ERECTED IN INTERLOCKED RUNNING BOND PATTERN. MORTAR SHALL BE TYPE "M" OR "S" AND MEET ASTM C-270. PROVIDE GAUGE 9 HORIZONTAL JOINT REINFORCEMENT EVERY OTHER COURSE. Fm = 1500 PSI. GROUT SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2000 PSI & CONFORM TO ASTM C-476.

SOLID SAWN LUMBER:

TOP AND BOTTOM PLATES, SAWN LUMBER, BEAMS, HEADERS, SOLID AND BUILT UP POSTS SHALL BE #2 SOUTHERN YELLOW PINE WITH THE FOLLOWING MINIMUM PROPERTIES:

Fb = 1200 PSI
Fv = 90 PSI
E = 1.5 X 10 PSI

LAMINATED VENEER LUMBER:

L.V.L. & P.S.L. INDICATES LAMINATED LUMBER AS MANUFACTURED BY "TRUSS JOIST MAILLANT" CORPORATION. ALL DESIGN DATA FOR THIS MATERIAL DIVISION SHALL BE AS SPECIFIED BY THE MANUFACTURER - ALL ATTACHMENTS, FILLERS ETC. AND INSTALLATION PROCEDURES SHALL IN STRICT ACCORDANCE W/ THE MANUFACTURERS SPEC'S.

LINTELS:

DOOR OR WINDOW OPENINGS IN MASONRY WALLS SHALL HAVE CONCRETE LINTELS. WHERE THE HEAD OF THE OPENING IS WITHIN 16" OF THE TIE BEAM, OR SLAB, LINTELS SHALL BE POURED INTEGRAL WITH THE TIE BEAMS, OR SLAB. ADD 2 #5 BOTTOM BARS FOR EVERY 8" DROP OF THE TIE BEAM. WHERE PRECAST LINTELS ARE USED, THEY SHALL BEAR MINIMUM OF 8" ON THE SUPPORT AND HAVE THE FOLLOWING SIZE AND REINFORCEMENT:

SPANS UP TO 6'-0" USE 8" X 8" PRECAST U LINTELS
SPANS UP TO 12'-0" USE 8" X 8" PRE-STRESSED U LINTELS
REINFORCE AS SHOWN

ROOF SHEATHING:

WOOD STRUCTURAL ROOF SHEATHING DIAPHRAGM SHALL BE 19/32" THICK (A.P.A. RATED) C. D. EXTERIOR INSTALLED PERPENDICULAR TO SUPPORTS AND SECURED W/ 10d NAILS AT 4" O/C ALL PANEL EDGES AND AT 6" O/C ALONG ALL INTERMEDIATE SUPPORTS - (4) PLY MATERIAL TO BE USED - SPAN RATING SHALL BE 32 /16.

WALL SHEATHING:

WALL SHEATHING DIAPHRAGM SHALL BE 15/32" TH. (A.P.A. RATED) C. D. EXT. INSTALLED PERPENDICULAR TO SUPPORTS AND SECURED W/ 8d NAILS AT 6" O/C ALL PANEL EDGES - PROVIDE 2 X 4" BLKG. BETWEEN STUDS W/ 3-1/2" FACE SET VERTICAL AT ALL PANEL EDGES - ALL INTERMEDIATE SUPPORTS SHALL BE NAILED W/ 8d NAILS AT 12" O/C - SPAN RATING SHALL BE 32/16.

METAL FASTENERS / CONNECTORS:

ALL HANGERS, CLIPS, STRAPS, TO BE MANUFACTURED BY "SIMPSON STRONG TIE" (UNLESS NOTED OTHERWISE) - REFER TO PLAN & THE DOWN SCHEDULE FOR ALL SPECIFIED FASTENER NUMBERS - CONSULT MFGS. CATALOG #C "WOOD CONSTRUCTION CONNECTORS" AND "HIGH WIND-RESISTANT CONST. CONNECTORS" CATALOG # C-HW - INSTALL ALL STRAPS PER MFGS. SPECIFICATIONS WITH DISTANCE OF STRAP BEING EQUAL FROM POINT OF CONN. ALL STRAPS SHALL BE Z-MAX.

BELOW CONNECTION (I.E) BEAM TO POST INTERFACE) ALL CONNECTORS SHALL HAVE ALL NAIL HOLES FILLED WITH APPROPRIATE SIZE NAILS PER SIMPSON'S SPEC'S.

ALL FLAT STRAPS OR TWIST STRAPS SHALL BE APPLIED WITH EQUAL LENGTHS OF STRAP TO HEADER OR BEAM AND COLUMN, ETC., WHERE (2) STRAPS ARE INDICATED. APPLY ONE (1) AT EACH SIDE OF CONNECTION. FILL ALL HOLES WITH SPECIFIED NAIL COUNT.

GENERAL:

CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO COMMENCING WITH CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY FIELD CONDITION WHICH MAY NOT BE IN ACCORDANCE WITH DESIGN CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE JOB SITE CONSTRUCTION SAFETY. FOR FINISHED FLOOR ELEVATIONS, SLOPES, STEPS AND RECESSES, REFER TO ARCHITECTURAL PLANS. FOR SIZE AND LOCATION OF MECHANICAL SLEEVES AND OPENINGS, REFER TO MECHANICAL AND ARCHITECTURAL PLANS.

FORM WORK AND SHORING:

SHORES AND RE-SHORES SHALL MEET THE REQUIREMENTS AS SET FORTH IN THE CURRENT A.C.I. 347 AND A.C.I. 301 LATEST EDITIONS. FORM WORK AND SHORING SHALL BE DESIGNED BY A FLORIDA REGISTERED ENGINEER.

SLABS ON FILL:

EXTERIOR SLABS ON FILL SHALL BE 4" THICK, UNLESS OTHERWISE NOTED ON PLANS. REINFORCED WITH 6 X 6 W/ 4" X W/ 4" W.W.M. FILL MATERIAL UNDER SLAB SHALL BE CLEAN SAND AND/OR ROCK AND SHALL BE COMPACTED TO 95% (MIN.) OF ASTM D 1557 IN LIFTS NOT TO EXCEED 12" IN DEPTH. SLAB ON FILL SHALL BE POURED AGAINST APPROVED VAPOR BARRIER

FIBER REINFORCED CONCRETE SLABS SHALL CONTAIN SYNTHETIC FIBER REINFORCEMENT. FIBER LENGTH SHALL BE 1/2" TO 2". DOSAGE AMOUNTS SHOULD BE FROM 0.75 TO 1.5 LBS PER CUBIC YARD IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. SYNTHETIC FIBERS SHALL COMPLY WITH ASTM C1116.

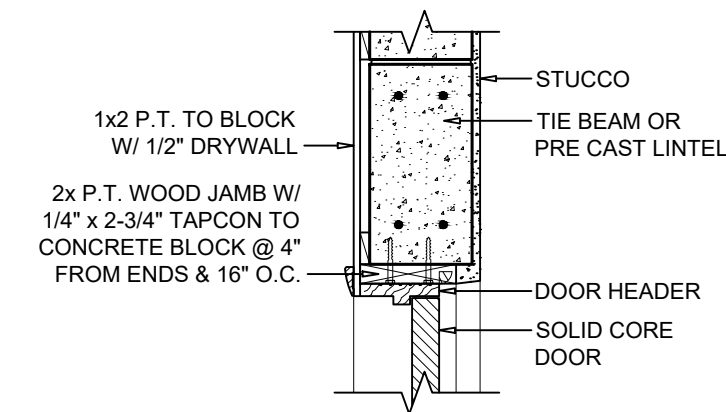
ALTERNATE WINDOW / DOOR JAM ATTACHMENT

WINDOW JAMS SHALL CONSIST OF 1X3 (MIN.) PRESSURE TREATED ATTACHED TO MASONRY WITH 3/16" X 2 1/2" TAPCONS AT 4" FROM EA. END AND 16" O.C. FOR OPENINGS UP TO 6'-8". PROVIDE 3/16" X 2 1/2" TAPCONS AT 12" O.C. FOR OPENINGS GREATER THAN 6'-8" TO 8'-0" HIGH. ANCHORS SHALL NOT BE IN THE BEVELED AREA.

SLIDING DOORS OR WINDOWS UP TO 8'-0" HIGH REQUIRING BUCKING WIDER THAN 4" UP TO 8" SHALL BE ATTACHED TO THE MASONRY WALL WITH (2) ROWS OF 3/16" X 2 1/2" AT 16" O.C. FOR 1X BUCKS AND 1/4" X 3 1/2" AT 16" O.C. FOR 2X BUCKS.

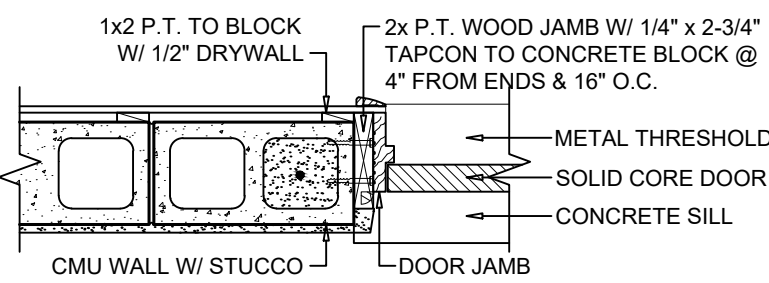
WINDOW ATTACHMENT SHALL BE PER MANUFACTURER'S SPECIFICATIONS AND SHALL BE ATTACHED DIRECTLY TO THE MASONRY WALL THROUGH THE BUCKING IF USING 1" THICK BUCKSTRIPS.

MASONRY CELLS ON EACH SIDE OF THE OPENING SHALL BE FILLED SOLID WITH 1#5 REBAR EACH CELL IN ACCORDANCE WITH THE MASONRY NOTES.



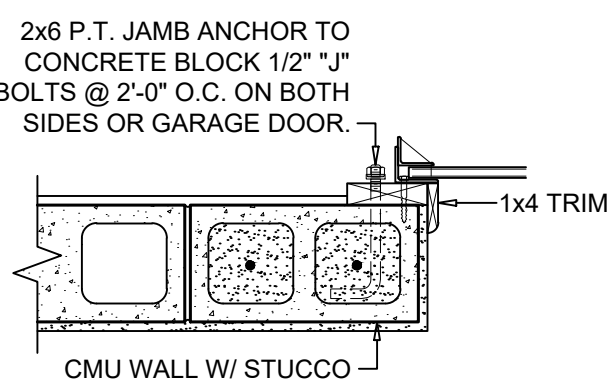
DOOR HEAD DETAIL

SCALE: N.T.S.



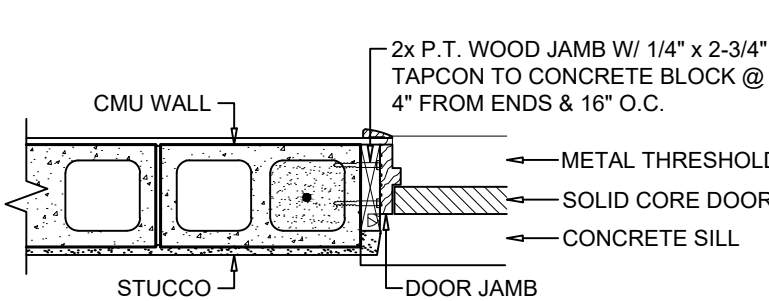
DOOR JAMB TO BLOCK DETAIL

SCALE: N.T.S.



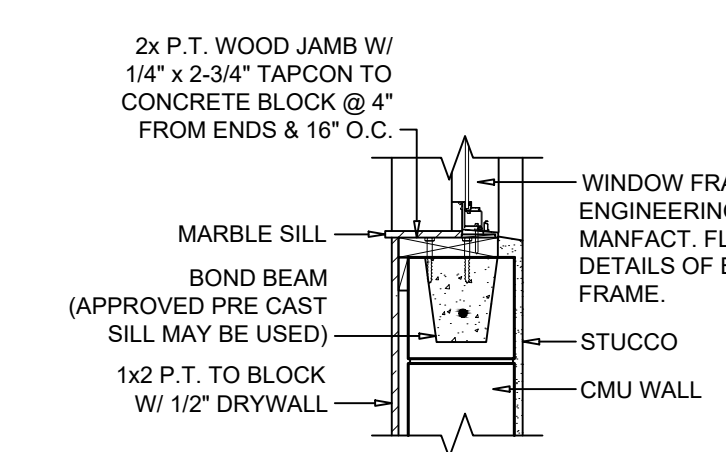
GARAGE DOOR JAMB DETAIL

SCALE: N.T.S.



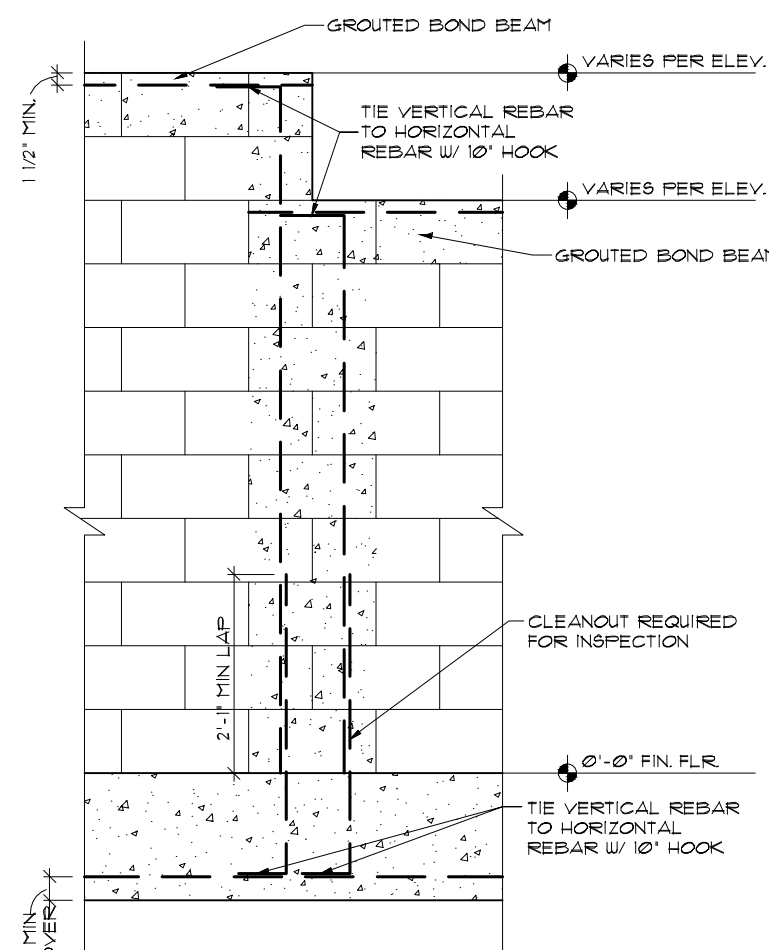
DOOR JAMB TO BLOCK DETAIL

SCALE: N.T.S.



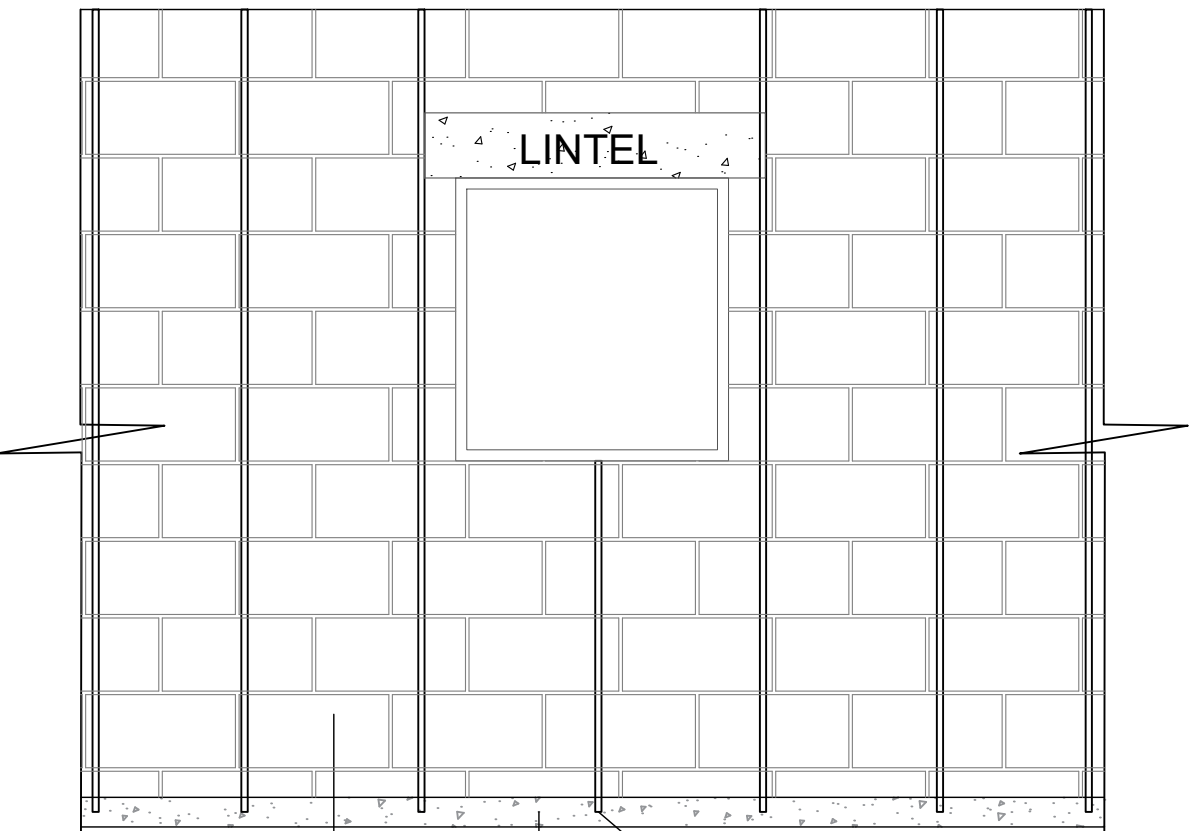
WINDOW SILL DETAIL

SCALE: N.T.S.



HORIZONTAL / VERTICAL REINFORCING AT BEARING CHANGE

SCALE: N.T.S.



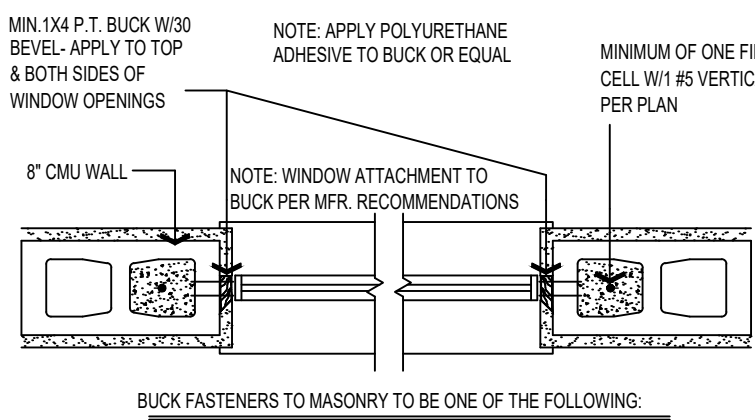
BLOCK + STUCCO

EXISTING 4" CONCRETE FTG.

REBAR #5 VERTICAL REINFORCEMENT & ROUTED IN TO THE CONCRETE

WINDOW WALL DETAIL

SCALE: N.T.S.

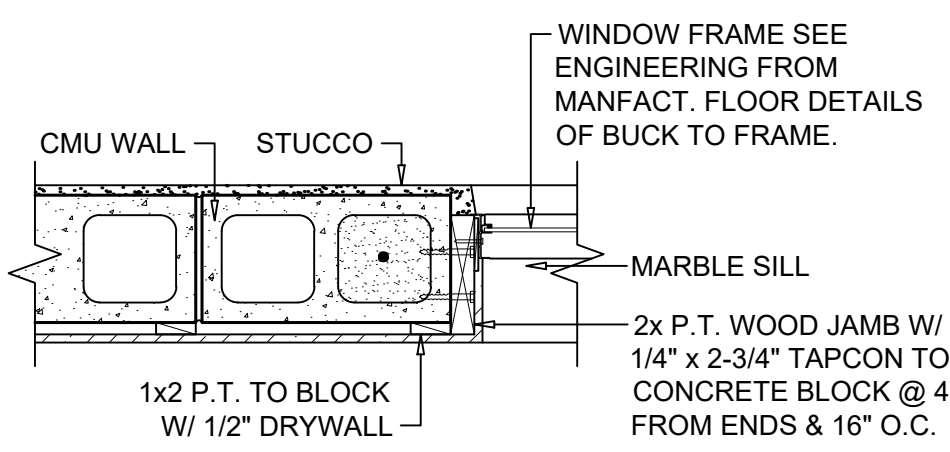


BUCK FASTENERS TO MASONRY TO BE ONE OF THE FOLLOWING:

1. 1/4" x 3" TAPCONS @ 16" O.C. (MIN. 3 PER BUCK)
2. 10d FULL HEAD COIL NAIL @ 12" O.C.
3. 8d FULL HEAD COIL NAIL @ 8" O.C.
4. 8d FULL HEAD COIL NAIL @ 8" O.C.

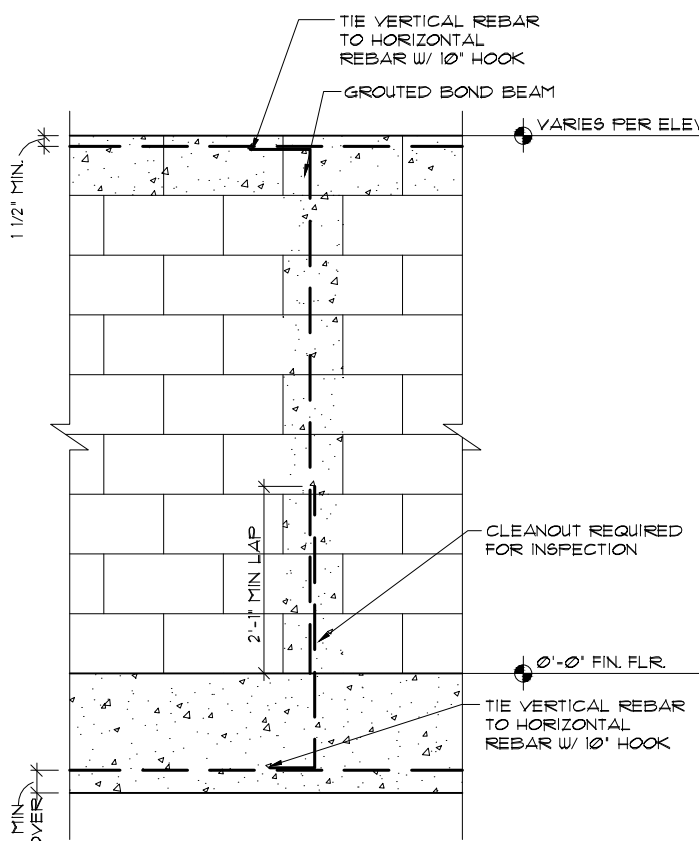
WINDOW INSTALL DETAIL

SCALE: N.T.S.



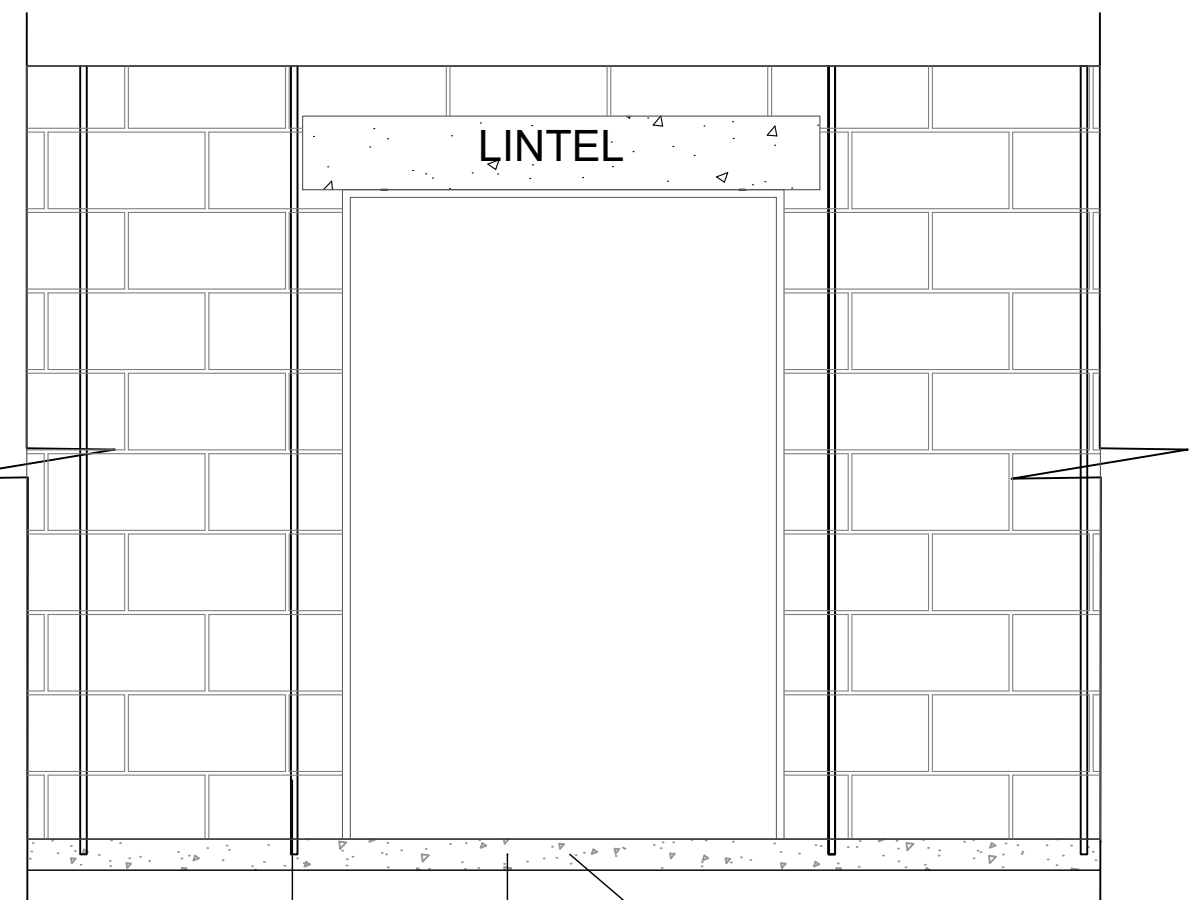
WINDOW JAMB DETAIL

SCALE: N.T.S.



HORIZONTAL / VERTICAL REINF.

SCALE: N.T.S.



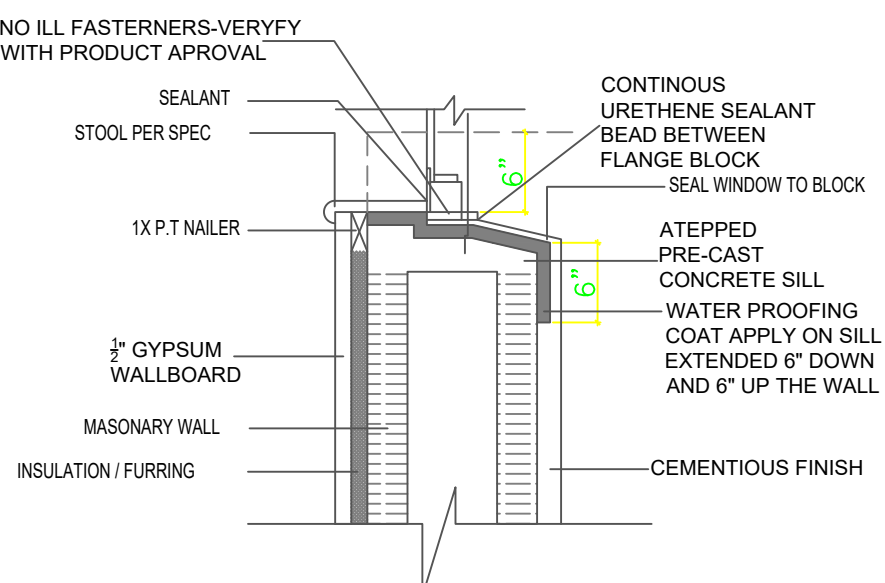
BLOCK + STUCCO

4" CONCRETE FTG.

REBAR #5 VERTICAL REINFORCEMENT & ROUTED IN TO THE CONCRETE

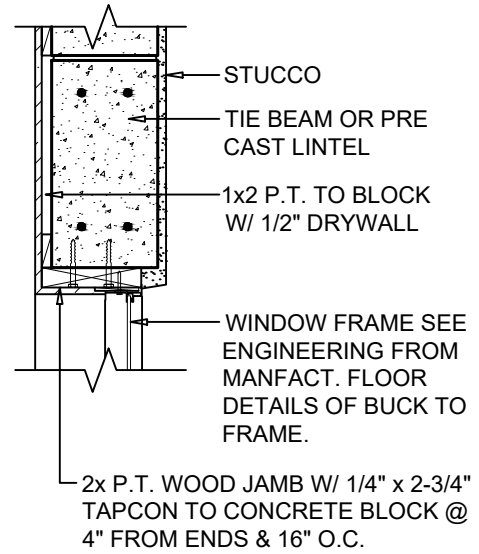
DOOR WALL DETAIL

SCALE: N.T.S.



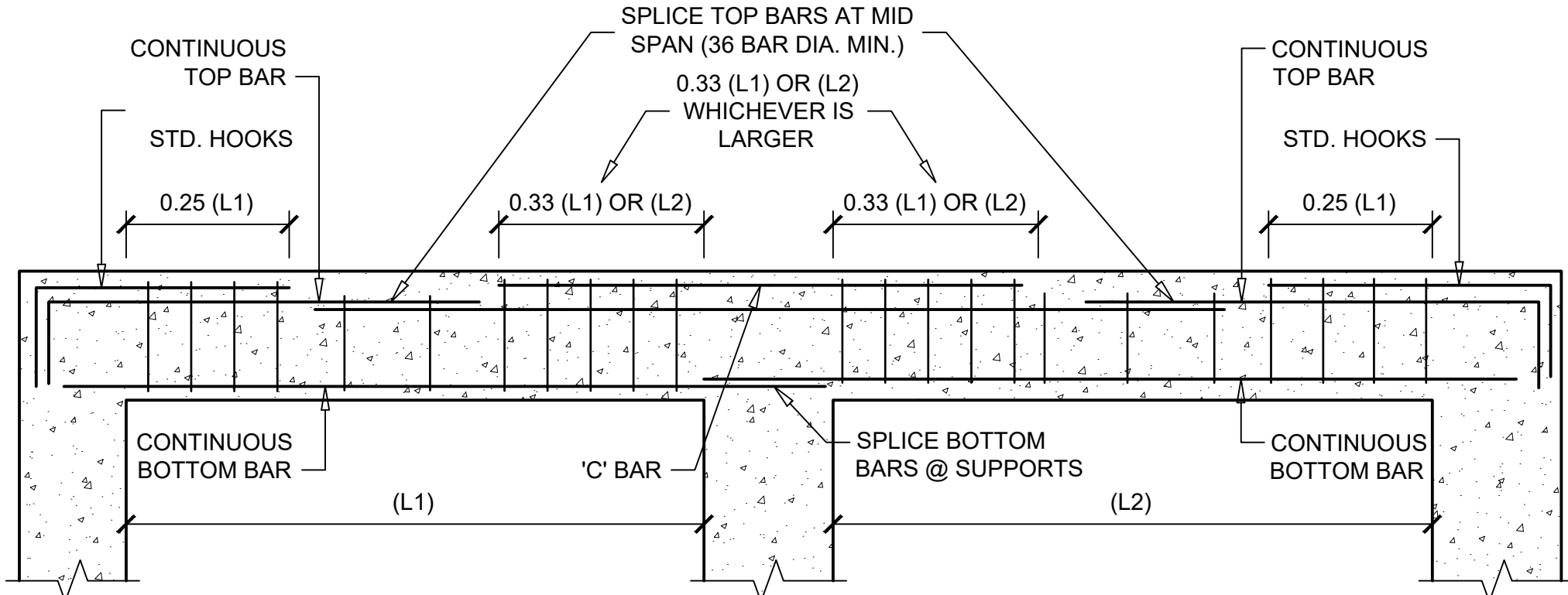
SH WINDOW SILL-CMU

SCALE: N.T.S.



WINDOW HEAD DETAIL

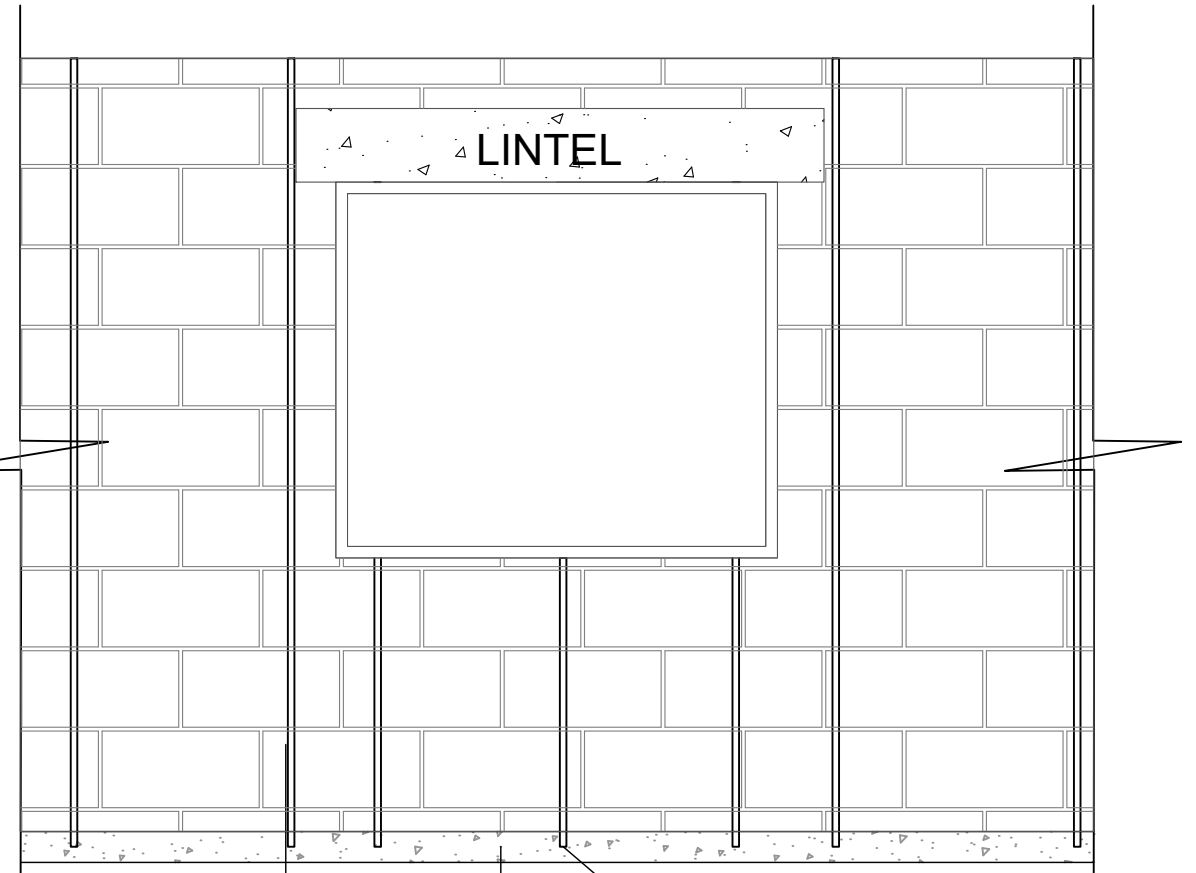
SCALE: N.T.S.



BEAM BAR DIAGRAM

SCALE: N.T.S.

* (IF REQUIRED)



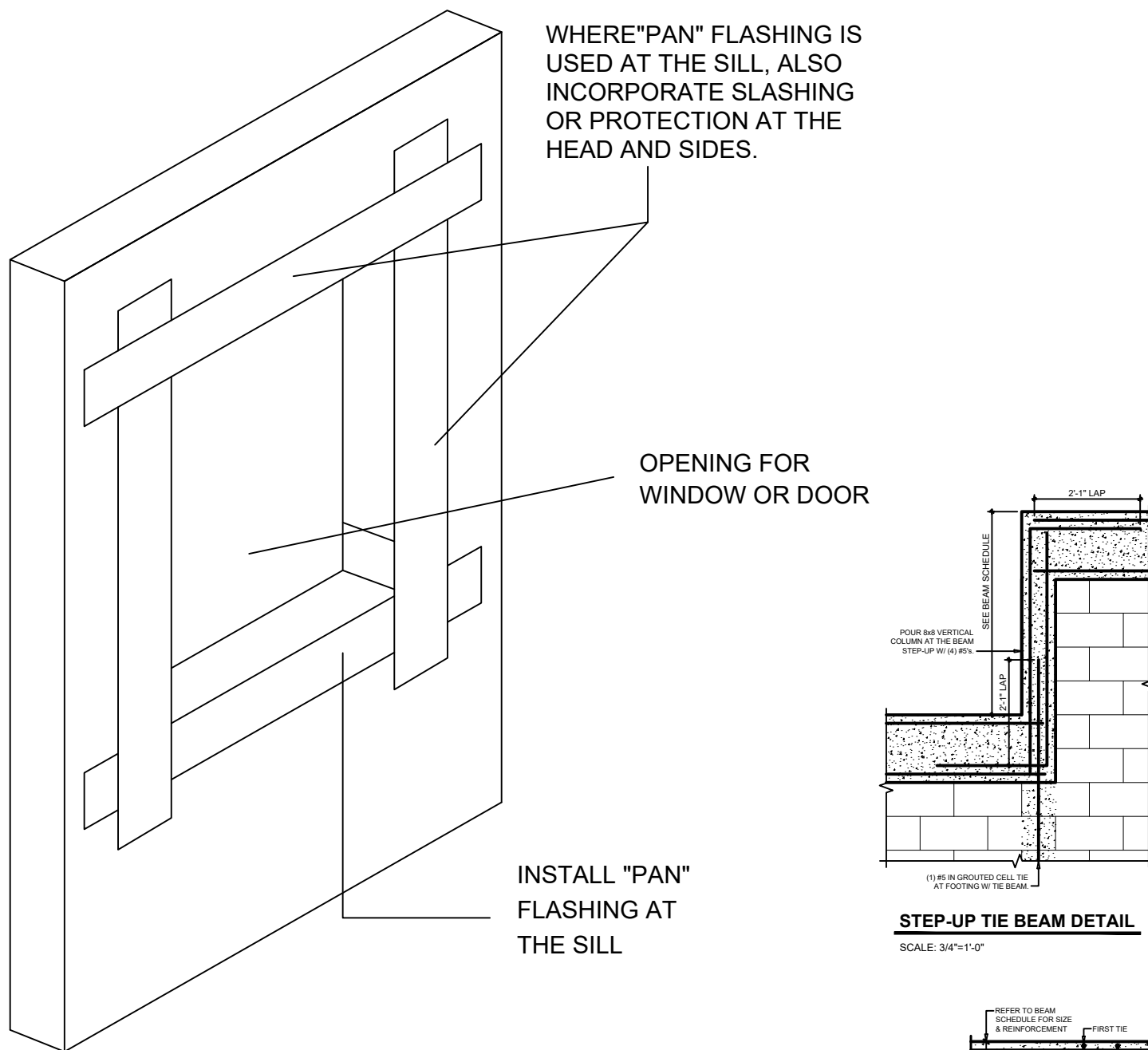
BLOCK + STUCCO

4" CONCRETE FTG.

REBAR #5 VERTICAL REINFORCEMENT & ROUTED IN TO THE CONCRETE

WINDOW WALL DETAIL

SCALE: N.T.S.



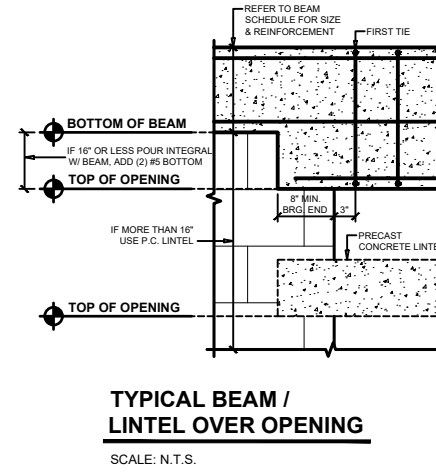
WHERE "PAN" FLASHING IS USED AT THE SILL, ALSO INCORPORATE SLASHING OR PROTECTION AT THE HEAD AND SIDES.

OPENING FOR WINDOW OR DOOR

INSTALL "PAN" FLASHING AT THE SILL

SH WINDOW SILL-CMU

SCALE: N.T.S.



TYPICAL BEAM / LINTEL OVER OPENING

SCALE: N.T.S.

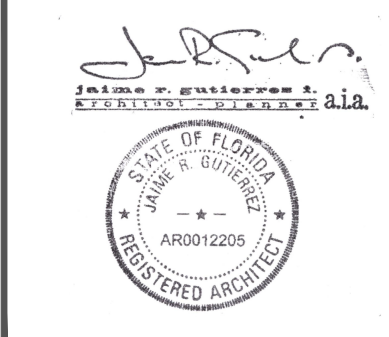


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MODEL "DEL TA LUXURY"

ADDRESS:
1263 GOLDEN GATE BLVD. E, NAPLES, FL. 34120
FARANOVO, CLAUDIA

DESCRIPTION:
CMU WALL DETAILS



Jaime R. Gutierrez I., A.I.A., P.A. & Associates

P.O. BOX 1988

NAPLES, FL 34106-1988

Ph: (239) 825 6498

UC: 12205

3690 14th ST. NAPLES, FL 34103

E-MAIL: JAIMEARCHITECT@GMAIL.COM

Architect - Planner

REVISION:

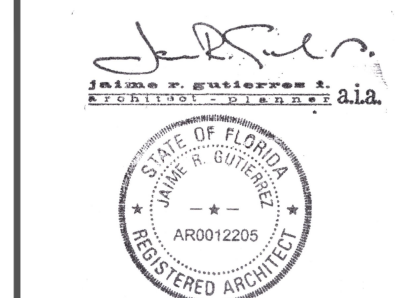
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PROJECT DATE : 08/11/2023	
SCALE :	N.T.S.
SHEET :	JOB:AA517

A-9



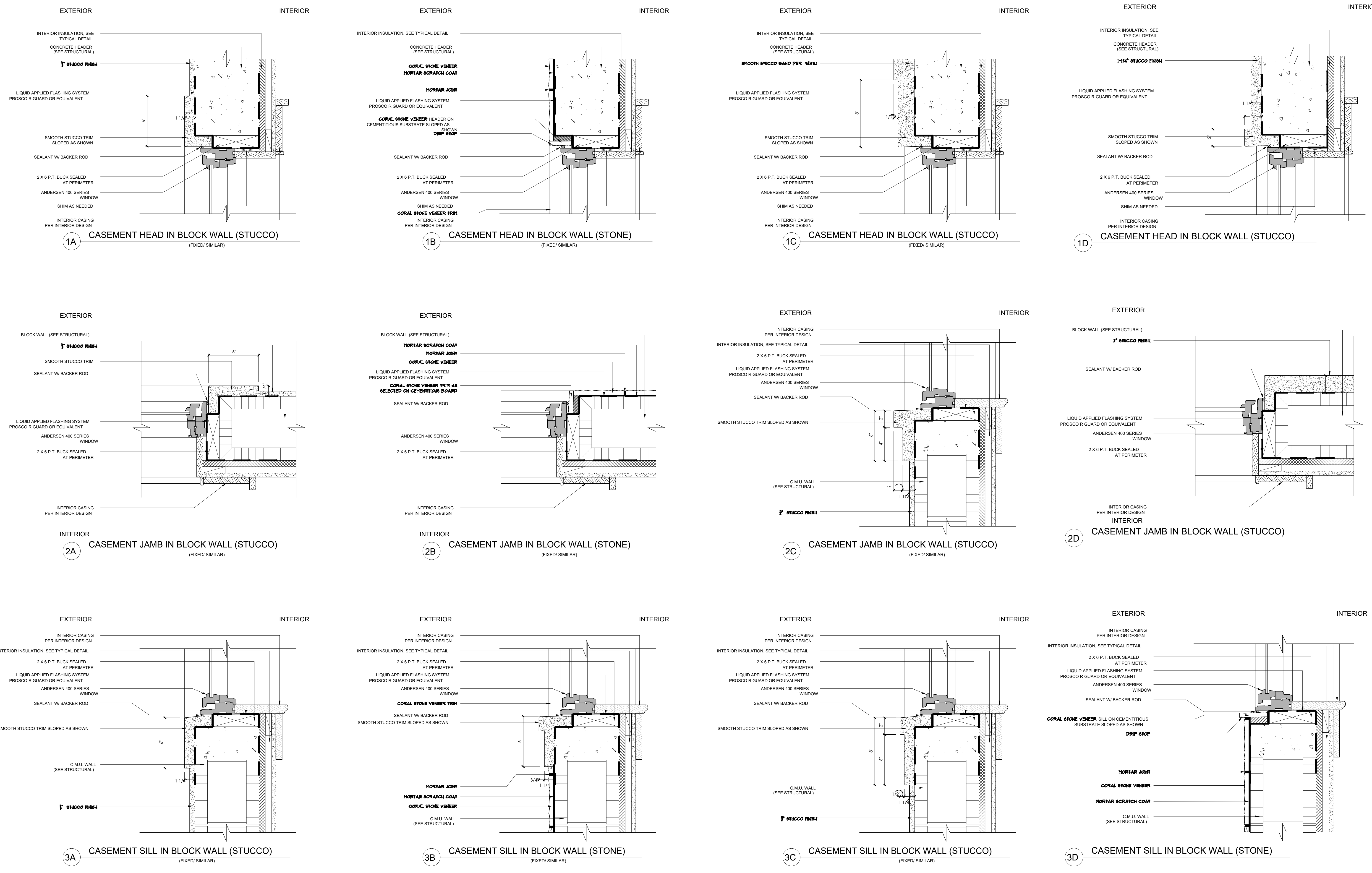
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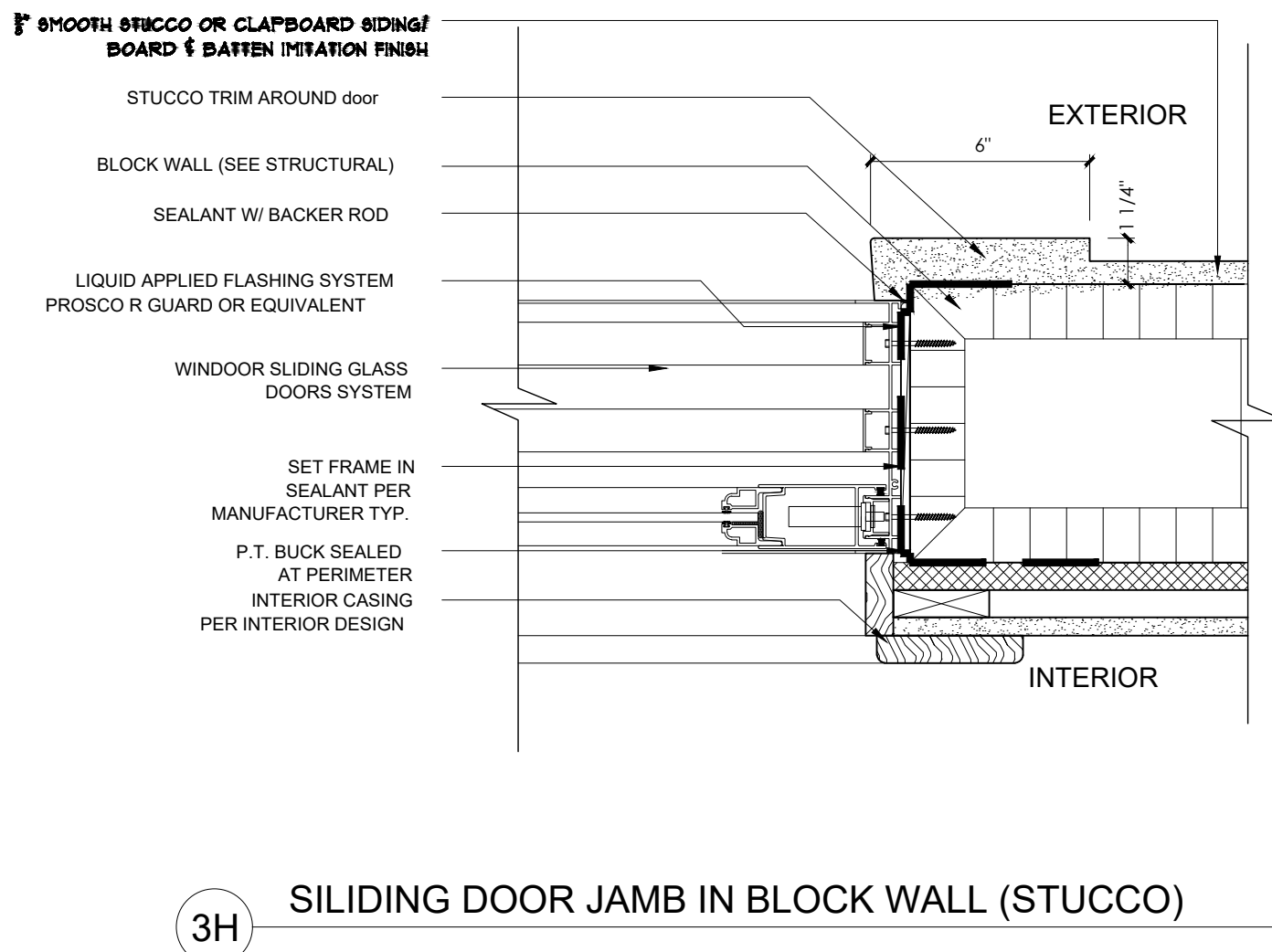
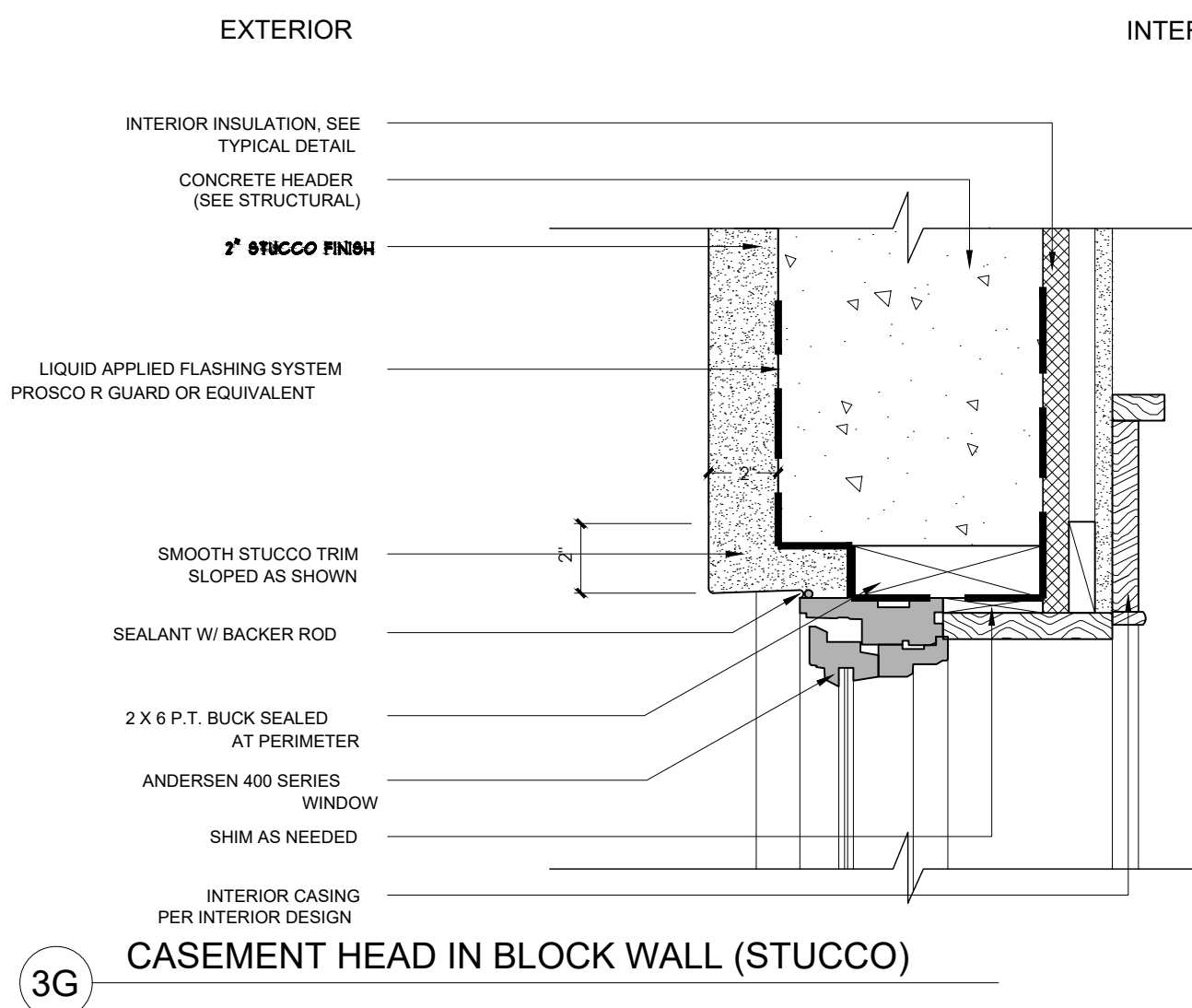
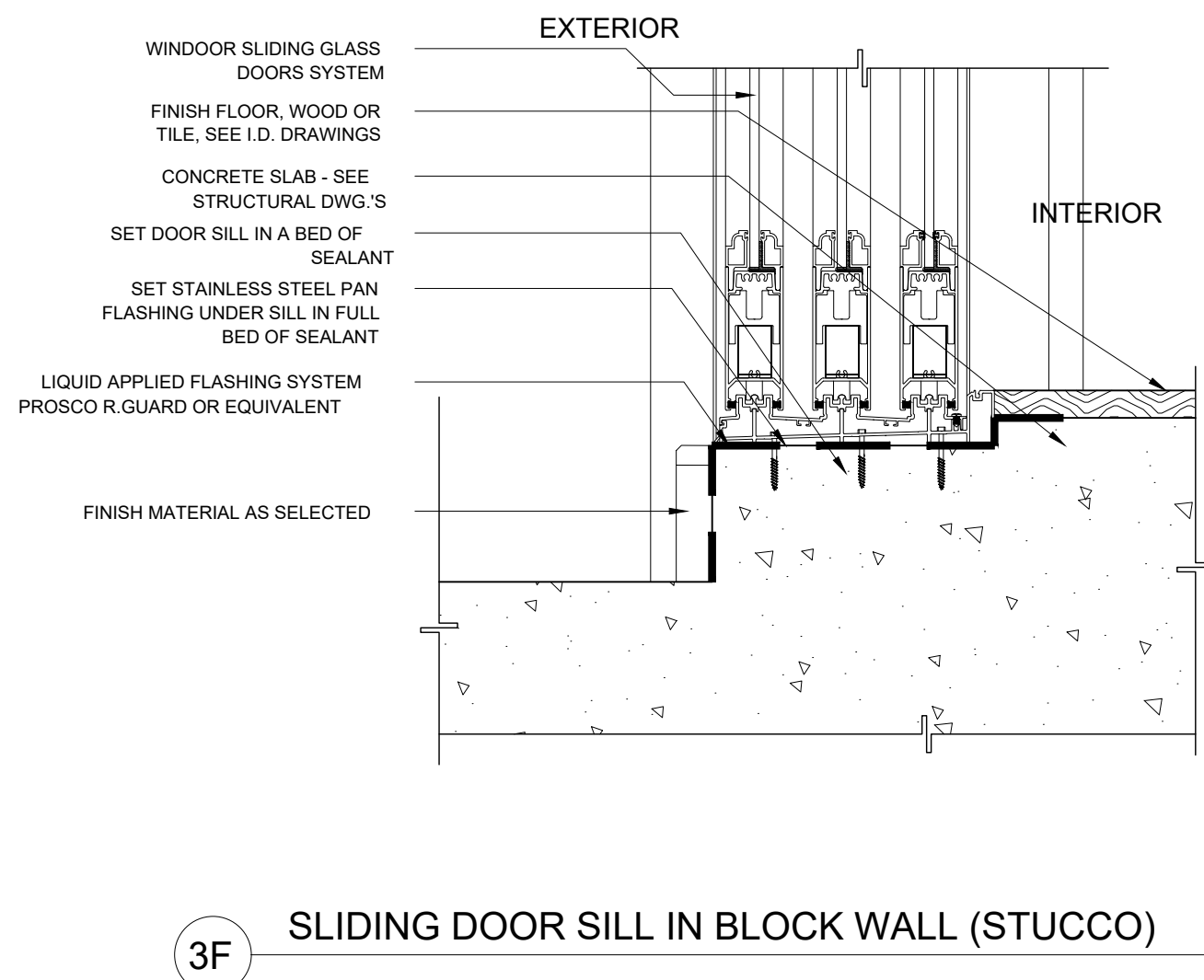
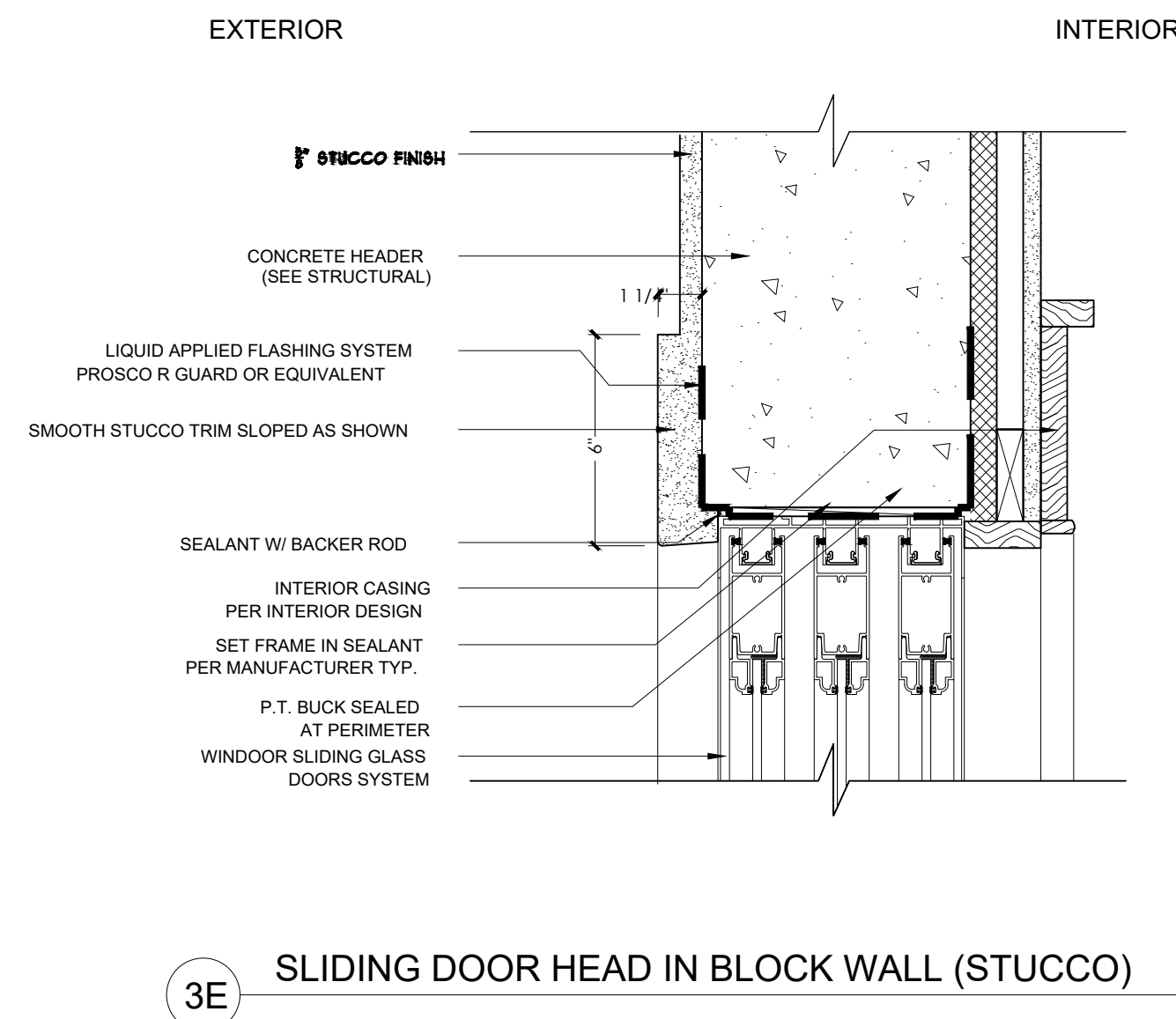
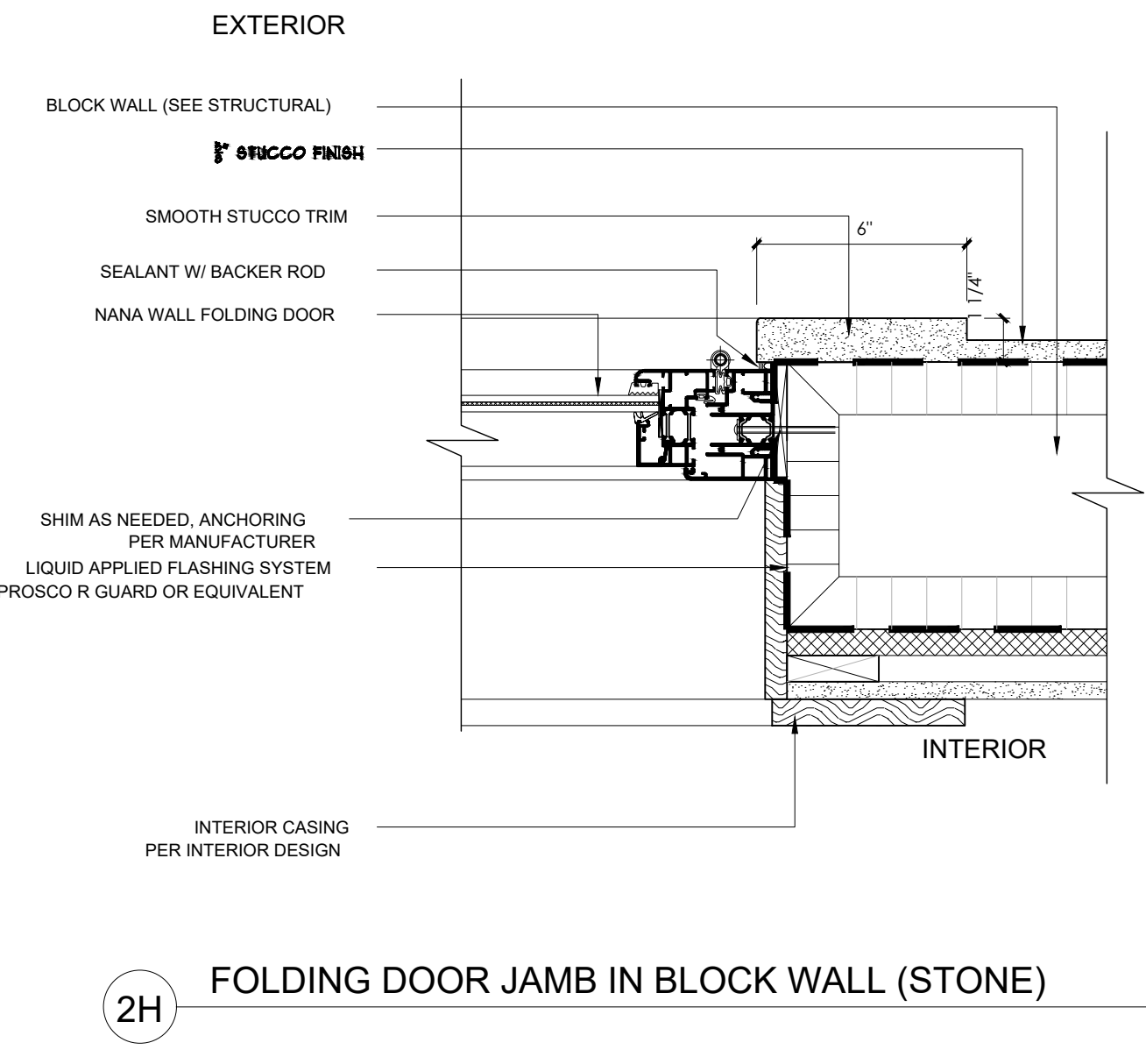
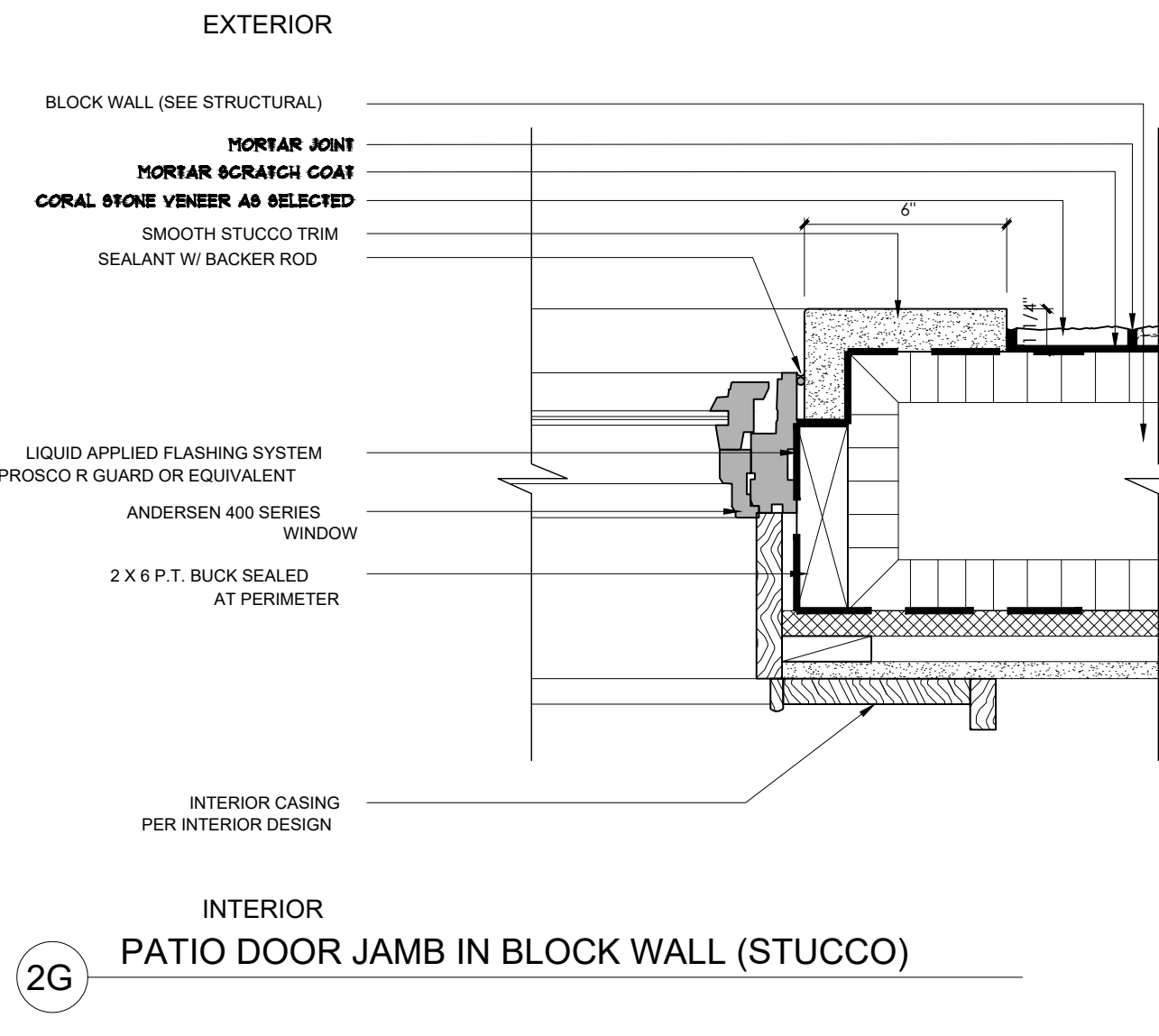
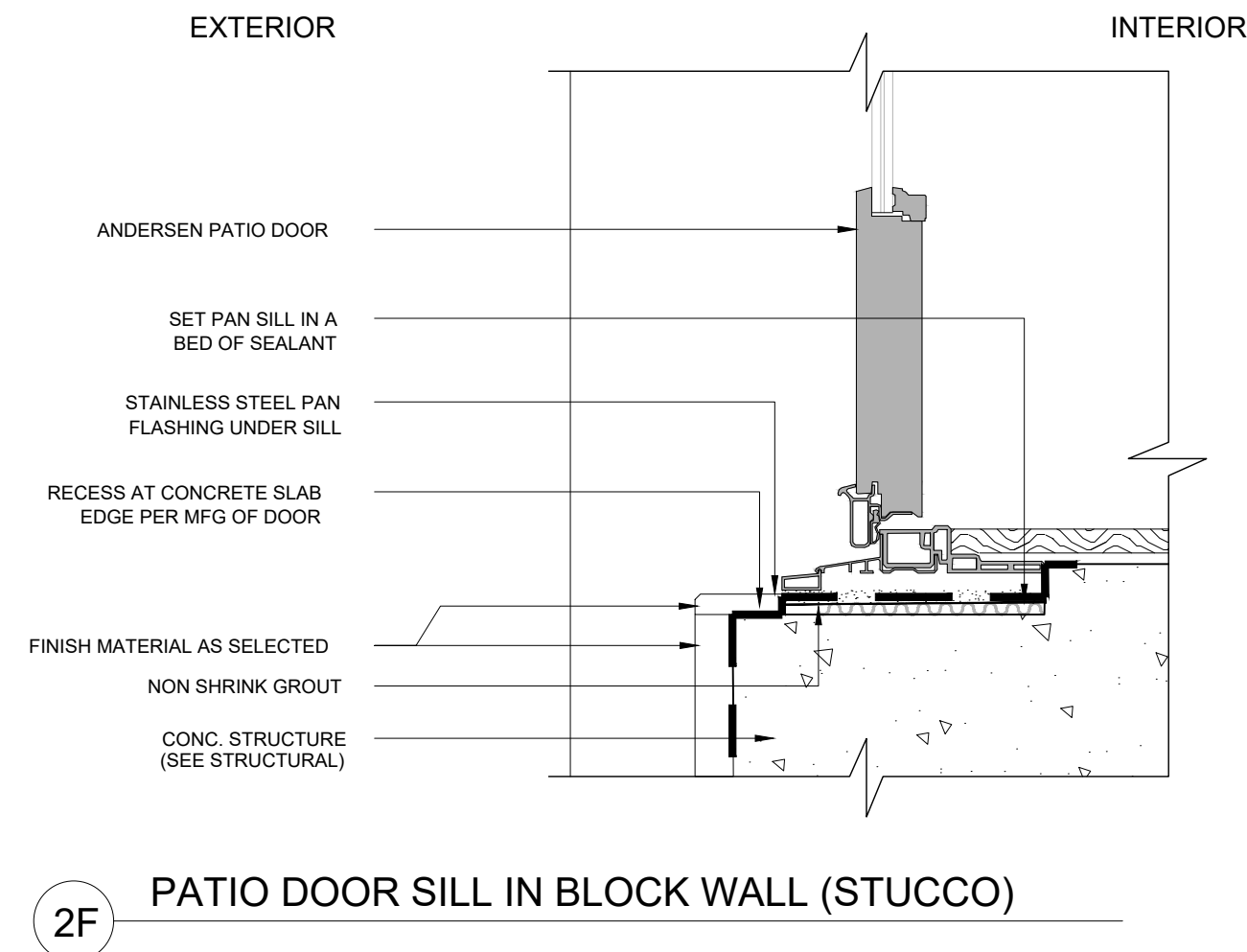
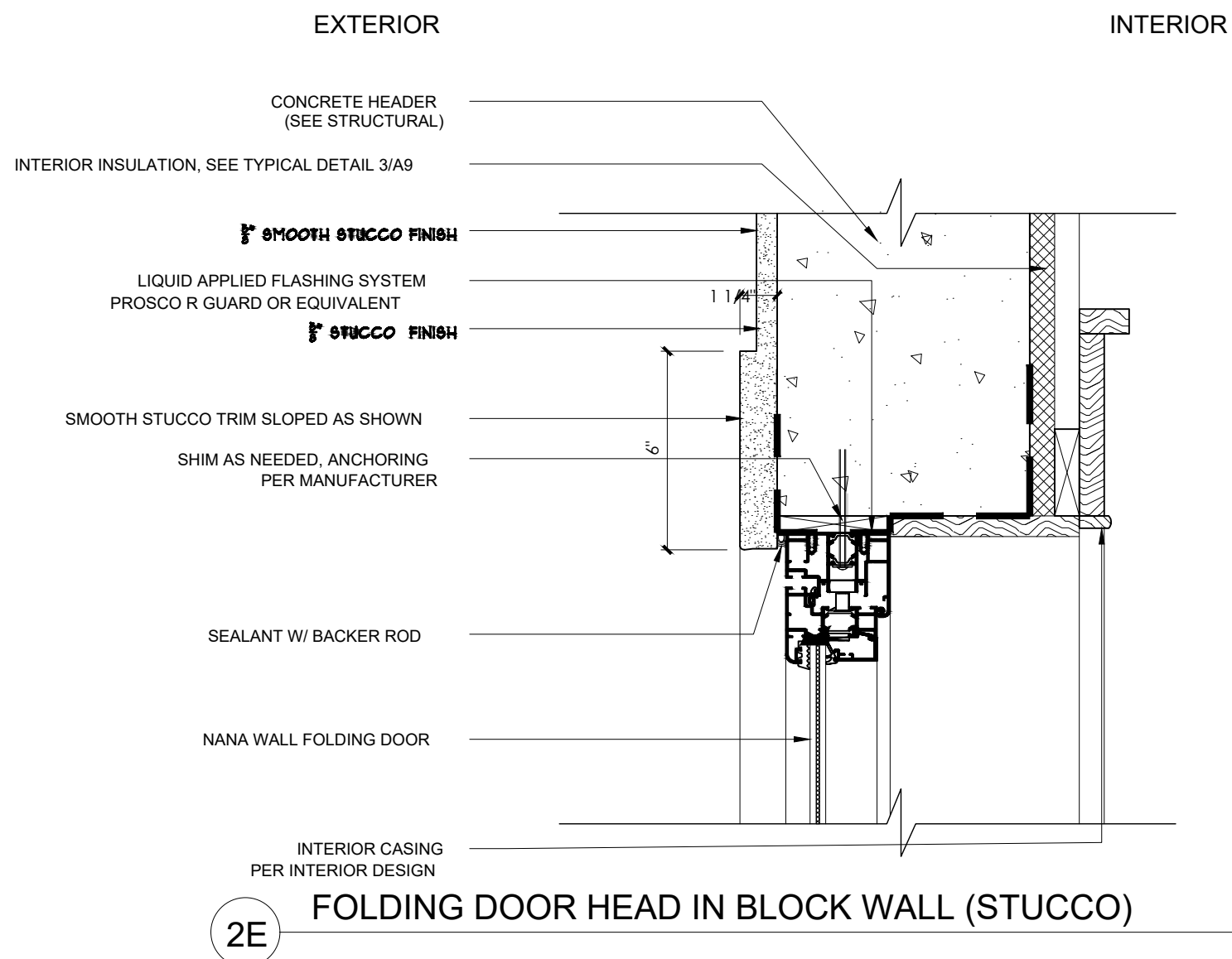
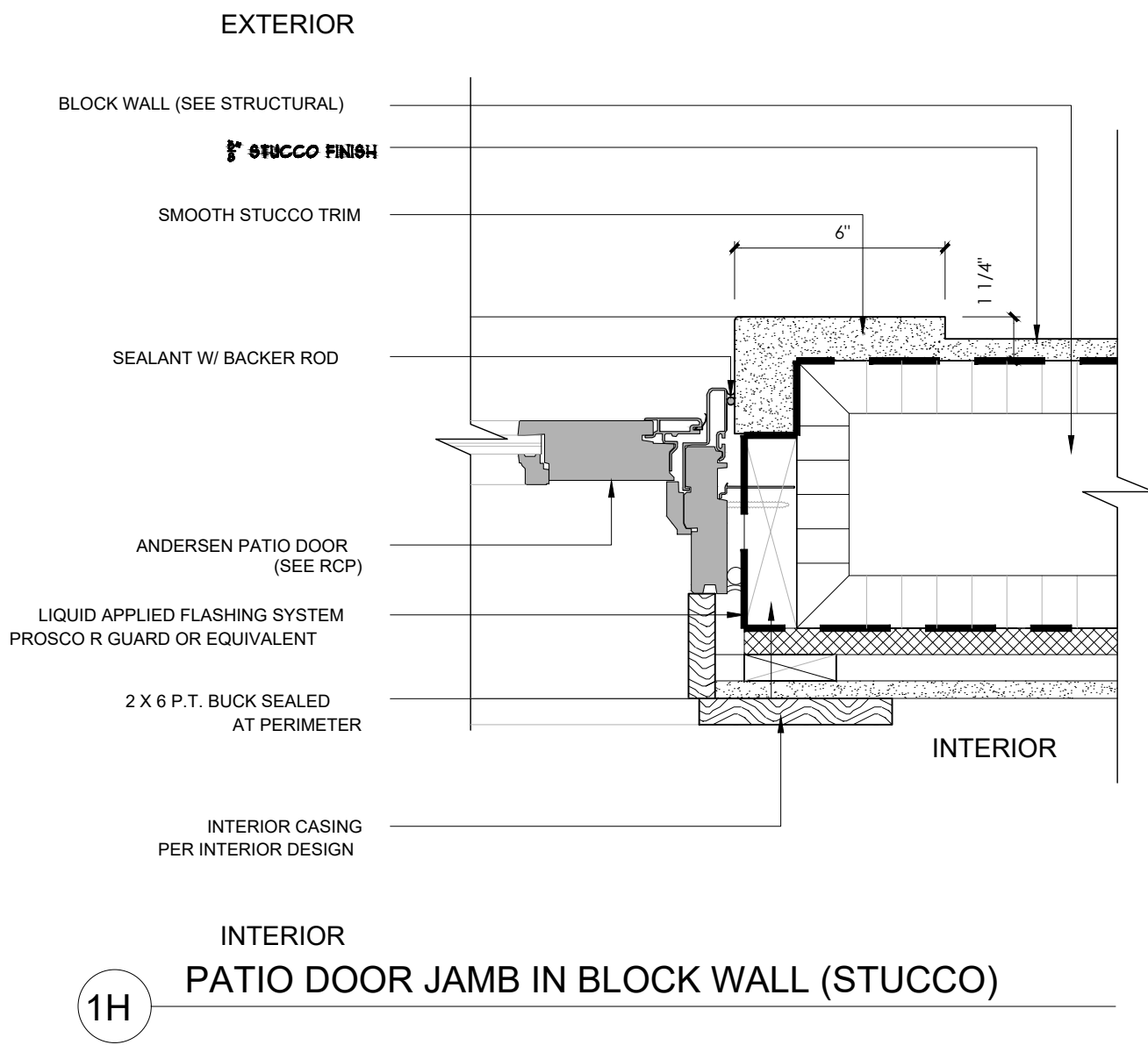
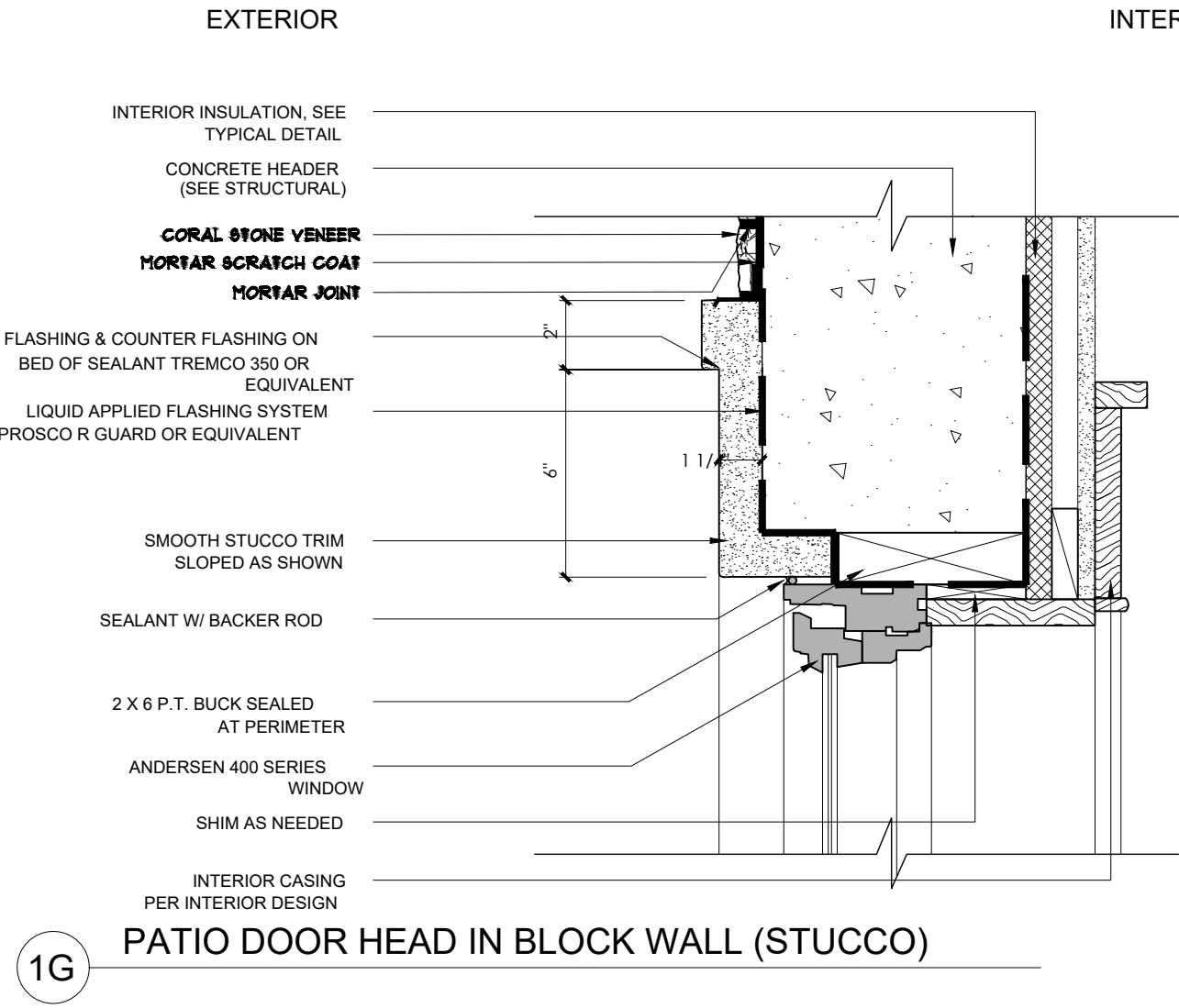
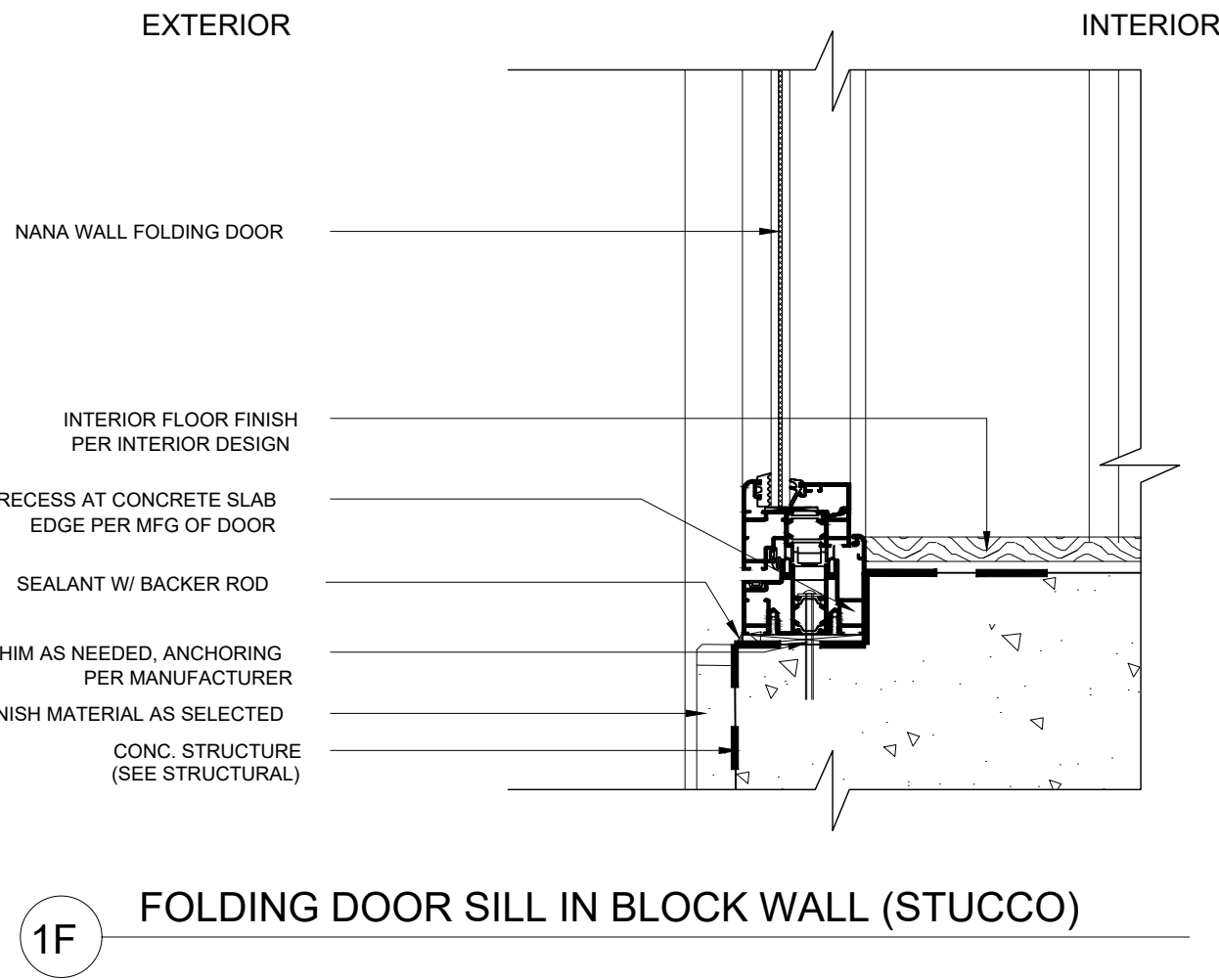
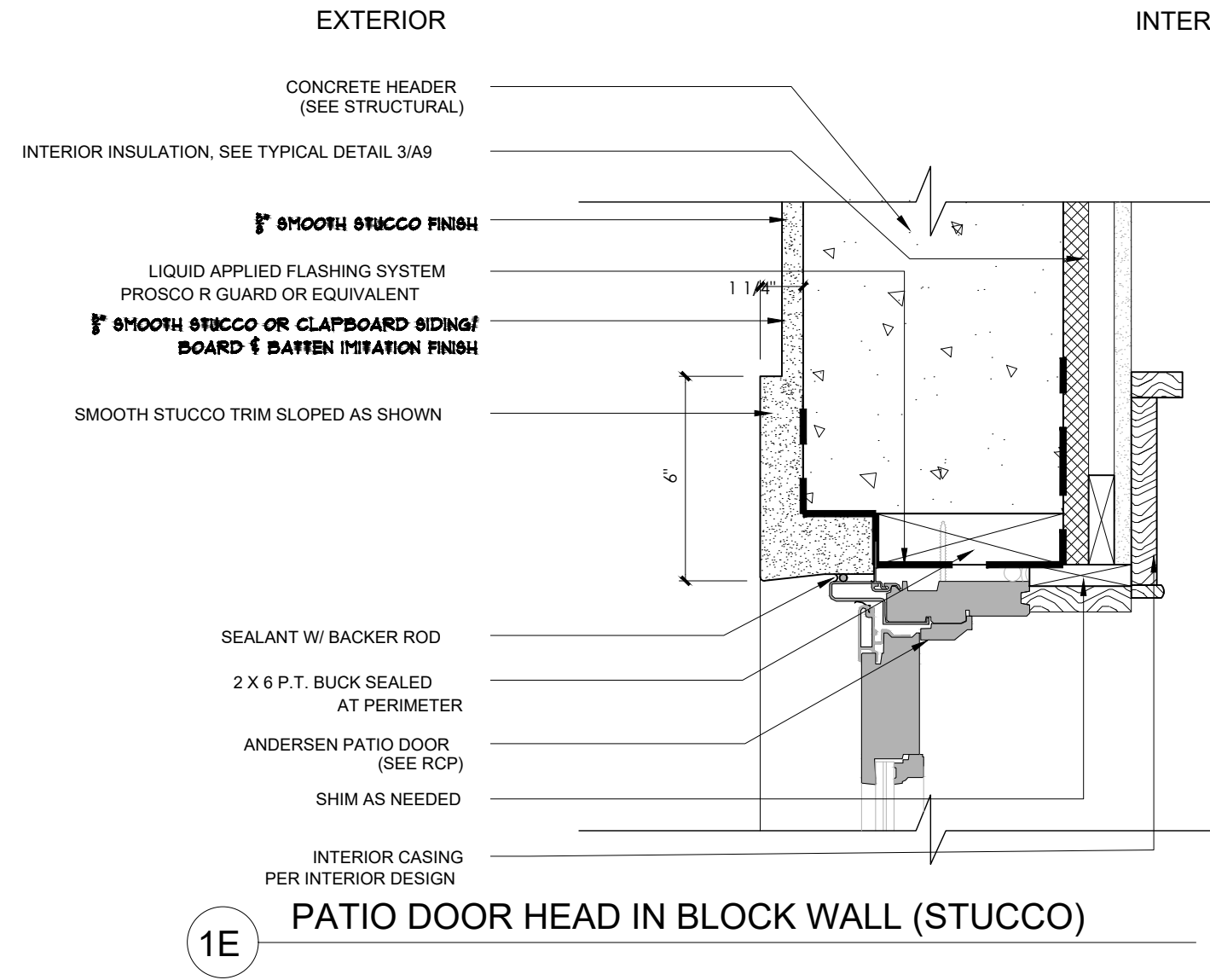
PROJ. NAME:
**NEW SINGLE FAMILY RESIDENCE
MODEL "DELTA LUXURY"**
ADDRESS:
**1263 GOLDEN GATE BLVD. E. NAPLES, FL. 34120
FARANOV, CLAUDIA**
DESCRIPTION:
WINDOWS TYPICAL DETAILS



Jaime R. Gutierrez I., A.I.A. P.A. & Associates
P.O. BOX 1598
NAPLES, FL 34106-1598 LIC. 12205
3690 14th ST. NAPLES, FL 34103
E-MAIL JAIMEARCHITECT@GMAIL.COM
Architect - Planner

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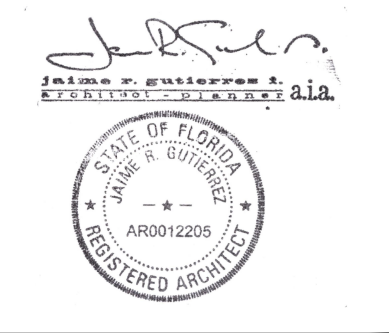
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ADDRESS:
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FARANOV, CLAUDIA

DESCRIPTION:
DOOR TYPICAL DETAILS



Jaime R. Gutierrez I., A.I.A., P.A. & Associates
P.O. BOX 1988
NAPLES, FL 34106-1988 LIC. 12205
3690 14th ST. NAPLES, FL 34103
E-MAIL JAIMEARCHITECT@GMAIL.COM

Ph (239) 825 6498
Architect - Planner

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SHEET : JOB:AA517	
A-11	

GENERAL NOTE

- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO REVIEW AND CONFIRM THE DESIGN OF THIS STRUCTURE VERIFYING DIMENSIONS AND DETAILS THAT CONTRIBUTE TO OWNER SPECIFICATION, ANY DISCREPANCIES ARE TO BE RELAYED TO DRAFTSMAN AND OR ENGINEERING COMPANY PRIOR TO ANY WORK BEING EXECUTED. FAILURE TO DO SO PLACES THE COMPLETE RESPONSIBILITY ON THE GENERAL CONTRACTOR FOR ANY ISSUES THAT MIGHT ARISE WITH CONSTRUCTION OR WITH COUNTY OR CITY REJECTIONS.

NOTE

- MINOR HVAC WORK TO BE DONE
- ONLY MINOR ELECTRICAL WORK TO BE DONE PER ELECTRICAL PLAN

DOORS & WINDOWS NOTE

- DOOR AND WINDOW SIZES ARE TO BE USED FOR NOMINAL SIZING ONLY AND DO NOT DEPICT THE M.O. (MASONRY OPENING) OR THE R.O. (ROUGH OPENING). CONTRACTOR TO VERIFY THESE OPENING SIZES WITH THE WINDOW MANUFACTURER ALLOWING FOR WOOD BUCKING AS REQUIRED.

TYPICAL DOOR NOTES

- ALL EXTERIOR DOORS SHALL BE 1-3/4"
- ALL INTERIOR DOORS SHALL BE 1-3/8"
UNLESS OTHERWISE NOTED OR SELECTED BY OWNER.

R703.B.1.1- FLASHING INSTRUCTION OR DETAILS ARE ARE NOT PROVIDE BY THE WINDOW OR DOOR MANUFACTURER OR BY THE FLASHING MANUFACTURER, "PAN FLASHING" SHALL BE INSTALLED AT ALL OF EXTERIOR WINDOW AND DOOR OPENING, PAN FLASHING SHALL BE SEALED OR SLOPE IN SUCH MANNER AS TO DIRECT WATER-RESISTIVE BARRIER FOR SUBSEQUENT DRAINAGE. OPENING USING PAN FLASHING HALL ALSO INCORPORATE FLASHING OR PROTECTION AT THE HEAD AND SIDES.

"PAN FLASHING" IS GENERIC TERM THAT USED TO REFER TO "METAL PAN FLASHING" HOARER MANY MODERN MATERIALS HAVE BEEN DEVELOPED FOR THE SAME FUNCTION SUCH AS:

- FLEXIBLE PEEL AND STICK FLASHING MEMBRANE
- FLUID APPLIED FLASHING

FOR SUCH PRODUCTS, FOLLOW THE MANUFACTURE'S INSTALLATION INSTRUCTIONS.

FOR IN DEPTH FLASHING INSTALLATION INSTRUCTIONS, REFER TO THE FOLLOWING PUBLICATIONS:

FMA/AAMA 100
FMA/AAMA 200
FMA/WDMA 250
FMA/ AAMA/ WDMA 300

ALTERNATE WINDOW / DOOR JAM ATTACHMENT

WINDOW JAMS SHALL CONSIST OF 1X3 (MIN.) PRESSURE TREATED ATTACHED TO MASONRY WITH 3/16" X 2 1/2" TAPCONS AT 4" FROM EA. END AND 16" O.C. FOR OPENINGS UP TO 6'-6". PROVIDE 3/16" X 2 1/2" TAPCONS AT 12" O.C. FOR OPENINGS GREATER THAN 6'-8" TO 8'-0" HIGH. ANCHORS SHALL NOT BE IN THE BEVELED AREA.

SLIDING DOORS OR WINDOWS UP TO 8'-0" HIGH REQUIRING BUCKING WIDER THAN 4" UP TO 8" SHALL BE ATTACHED TO THE MASONRY WALL WITH (2) ROWS OF 3/16" X 2 1/2" AT 16" O.C. FOR 1X BUCKS AND 1/4" X 3 1/2" AT 16" O.C. FOR 2X BUCKS.

WINDOW ATTACHMENT SHALL BE PER MANUFACTURER'S SPECIFICATIONS AND SHALL BE ATTACHED DIRECTLY TO THE MASONRY WALL THROUGH THE BUCKING IF USING 1" THICK BUCKSTRIPS.

MASONRY CELLS ON EACH SIDE OF THE OPENING SHALL BE FILLED SOLID WITH 1#5 REBAR EACH CELL IN ACCORDANCE WITH THE MASONRY NOTES.

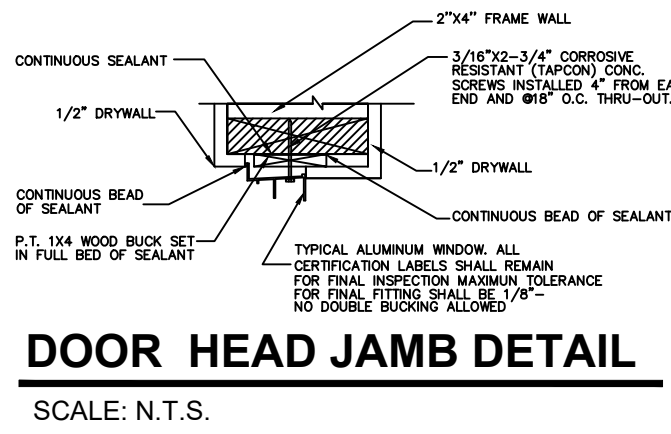
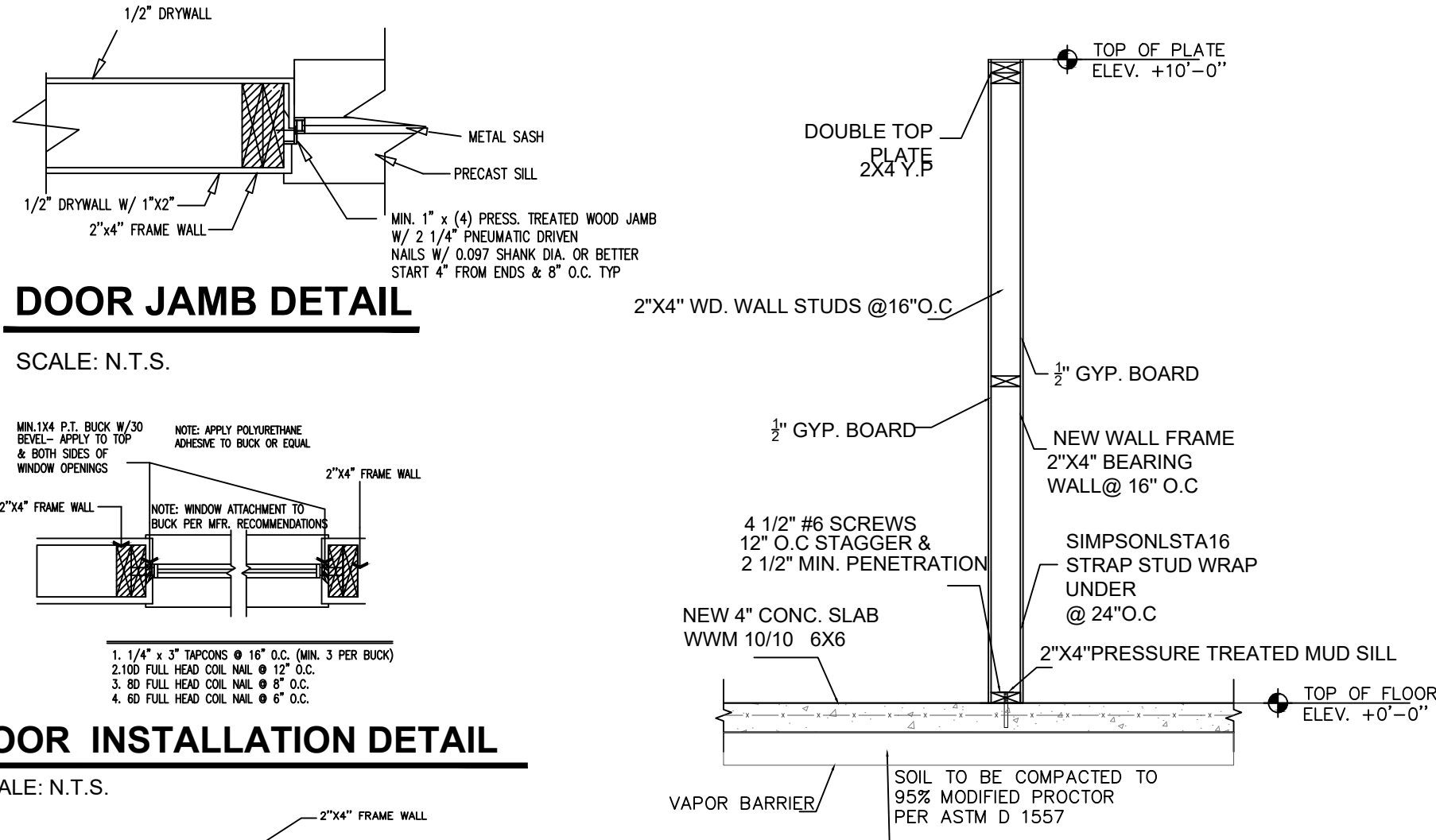


TABLE R 301.2.13 a,b,c WIND SPEED CONVERSIONS											
V _{ult}	100	110	120	130	140	150	160	170	180	190	200
V _{asd}	78	85	93	101	108	116	124	132	139	147	155

FOR S1: 1 MILE PER HOUR = 0.447 M/S
a = LINEAR INTERPOLATION IS PERMITTED
b = V_{asd} = NOMINAL DESIGN WIND SPEED
c = V_{ult} = ULTIMATE DESIGN WIND SPEED DETERMINED FROM FIGURES 1609A, 1609B, 1609C.

NOTE:
1. IT IS THE CONTACTORS RESPONSIBILITY TO VERIFY THE COMPATIBILITY OF ALL PRODUCTS INCLUDING HOUSEWRAP, SEALANTS & SELF-ADHERING FLASHING MATERIALS USED DURING CONSTRUCTION.
2. INSTALL ALL MATERIALS PER MANUFACTURERS WRITTEN SPECIFICATIONS
WARNING: SEALANTS MAY REACT ADVERSELY IF NOT COMPATIBLE.

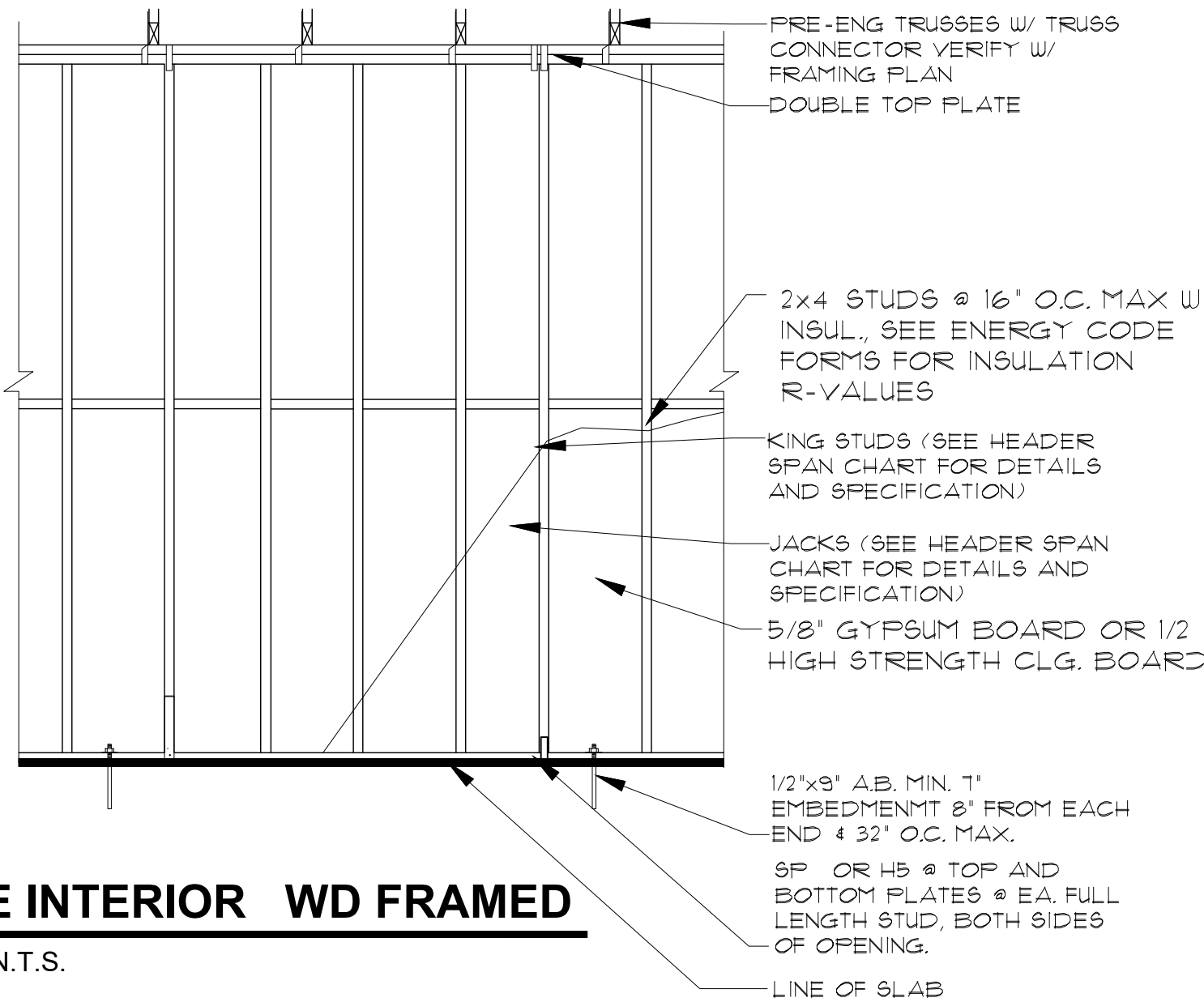
NOTE:
CLEAN AND SEAL JAMB TO SILL JOINTS WITH DOW 1199 FOLLOWING COMPLETION OF EXTERIOR RETROFIT WORK

NOTE:
SEAL INTERIOR PERIMETER OF WINDOW WITH SEALANT

NOTE:
REPAIR SCHEME SHOWN SHALL BE IMPLEMENTED AT ALL WINDOWS WITH EVIDENCE OF WATER INTRUSION BELOW THE WINDOW OPENING

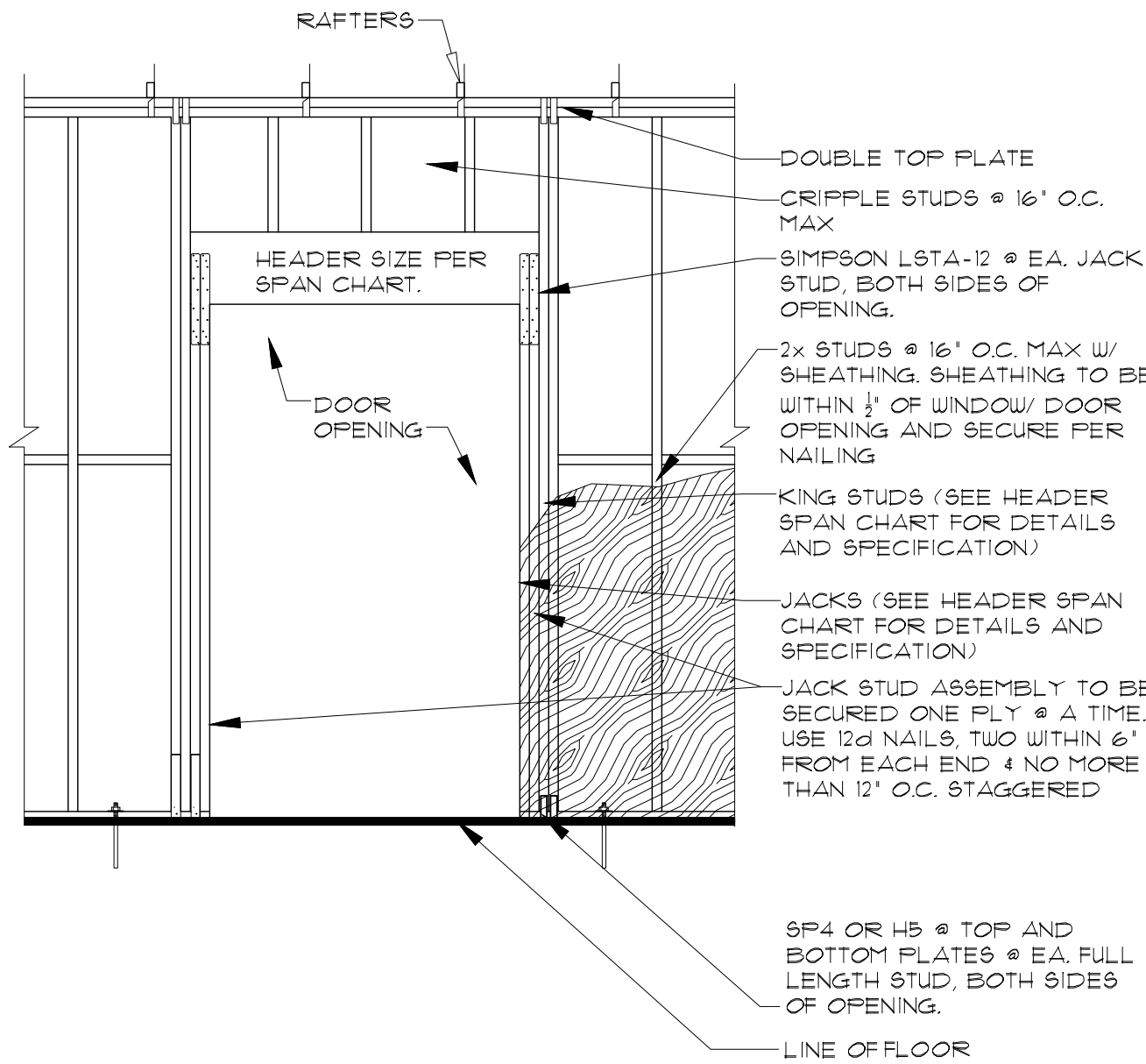
NOTES :

- 1.) THE DOUBLE TOP PLATE OF ALL WALL FRAME THE WILL BE INSTALLED TO EXISTING WITH (1) 3/4" x .097" POWER DRIVEN T-NAIL OR 3/16" x 2-1/4" TAPCONS . START AT 4" THEN 8" ON CENTER.
- 2.) THE DOUBLE TOP PLATE OF WALL FRAME SOMETIMES THEY WILL BE INSTALLED AND FIXED PARALLEL AND PERPENDICULAR TO THE EXISTING TRUSSES ACCORDING TO THE DESIGN OF THE NEW PROJECTED WALLS.
- 3.) THE NEW WOOD WALL FRAME THE WILL BE INSTALLED WITH WOOD YELLOW PINE GRADE No.2.



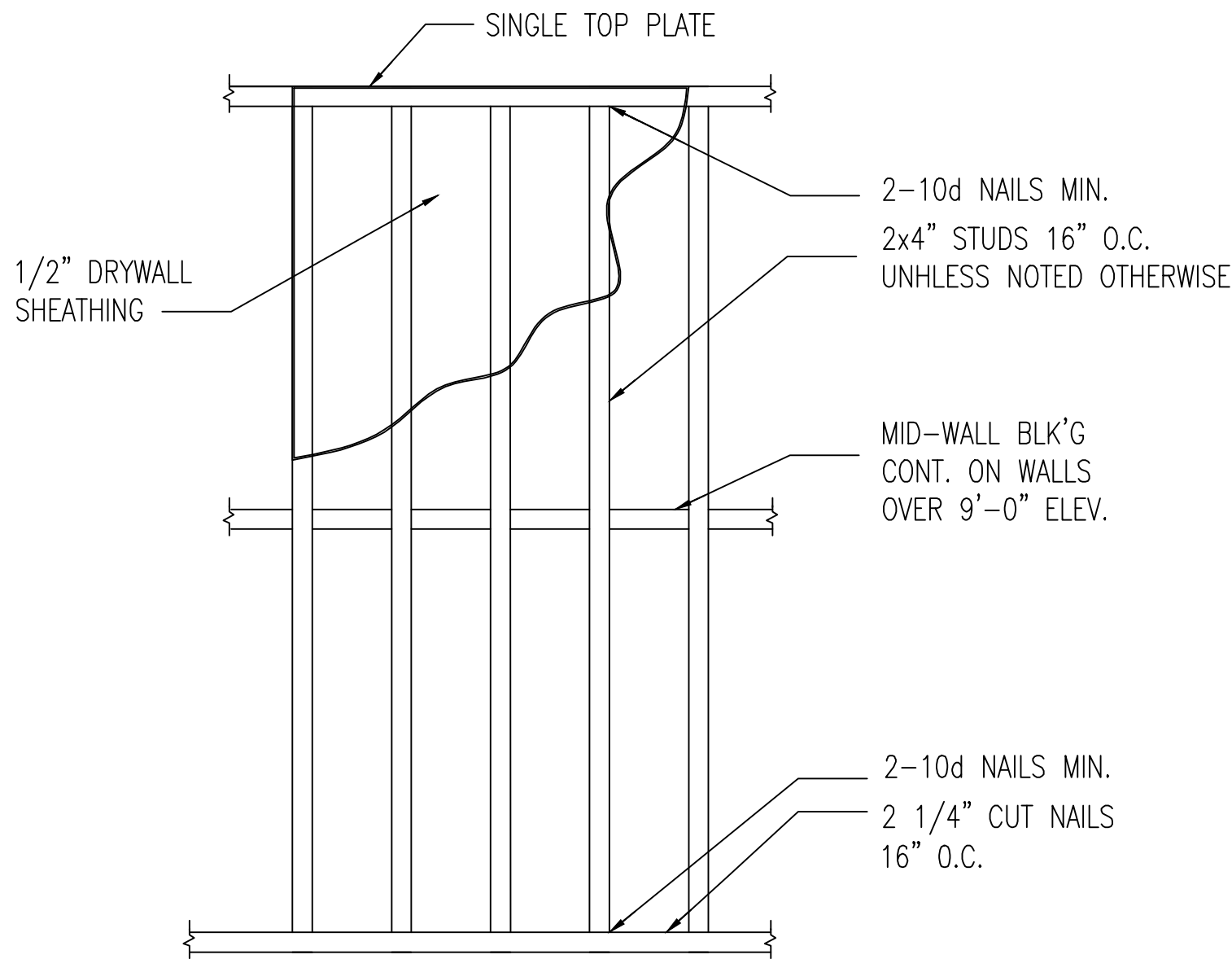
TYPE INTERIOR PARTITION FRAMED

SCALE: N.T.S.



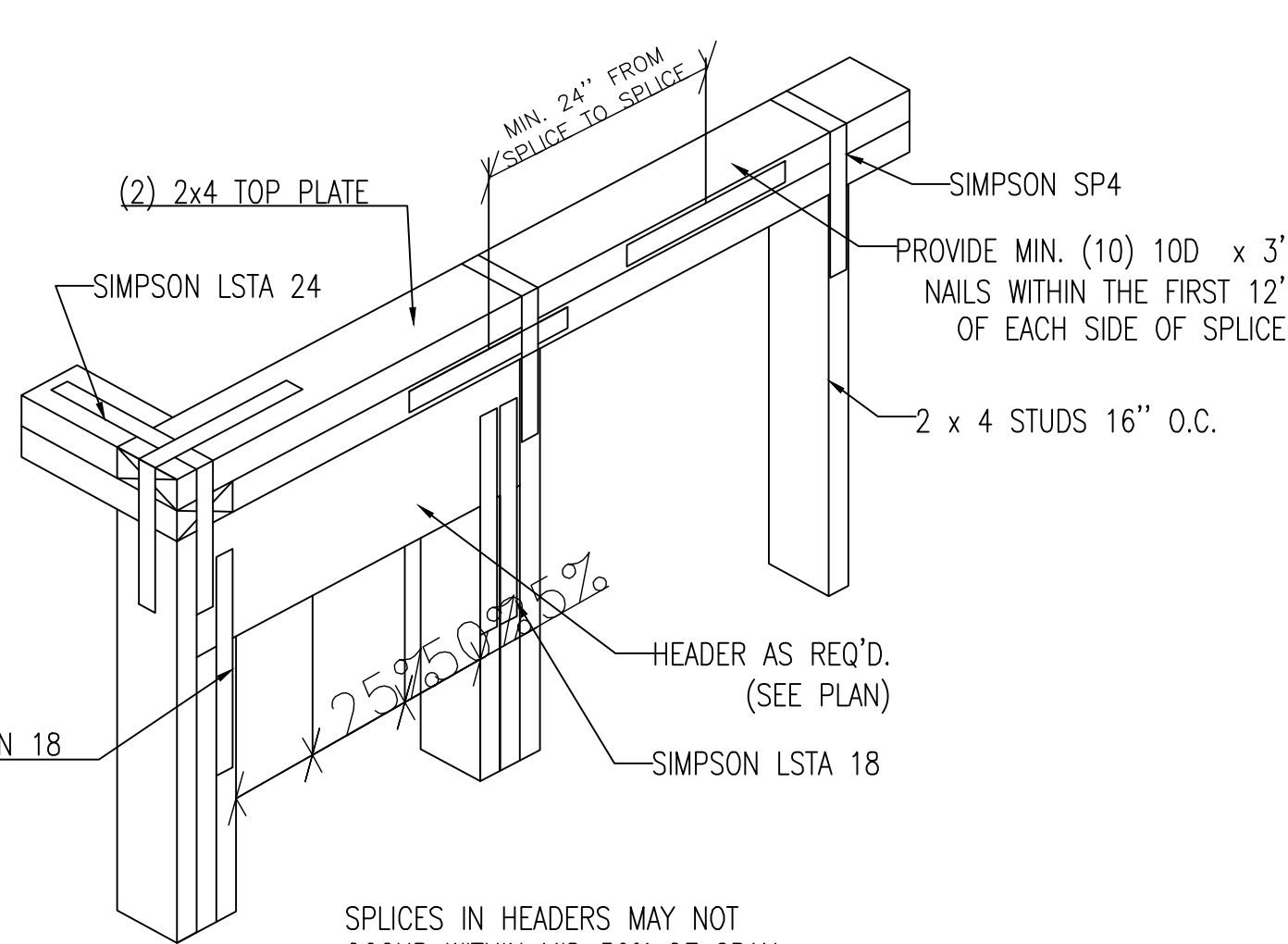
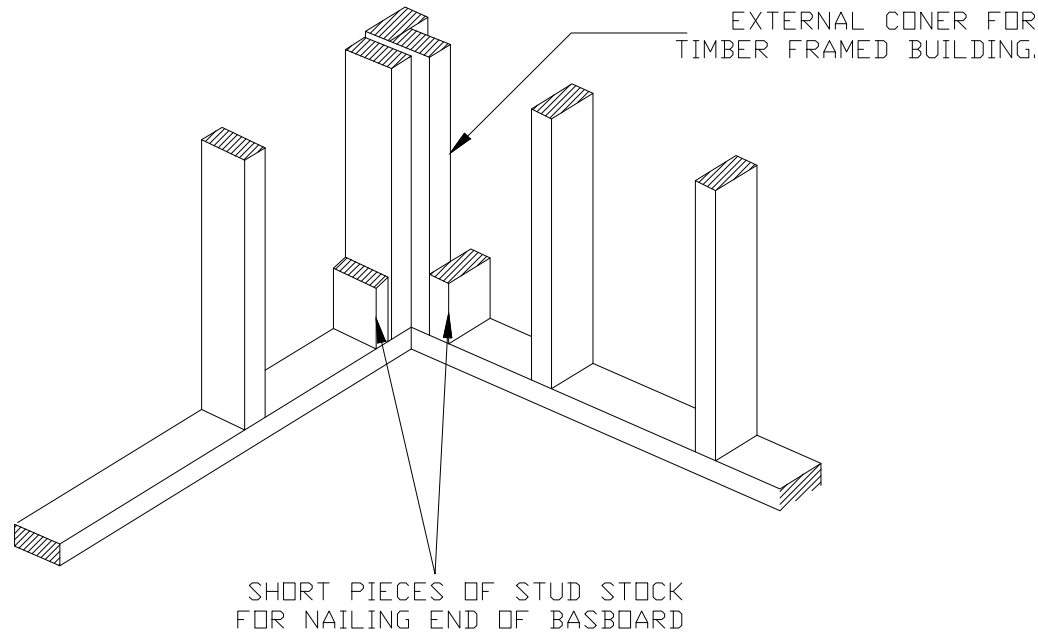
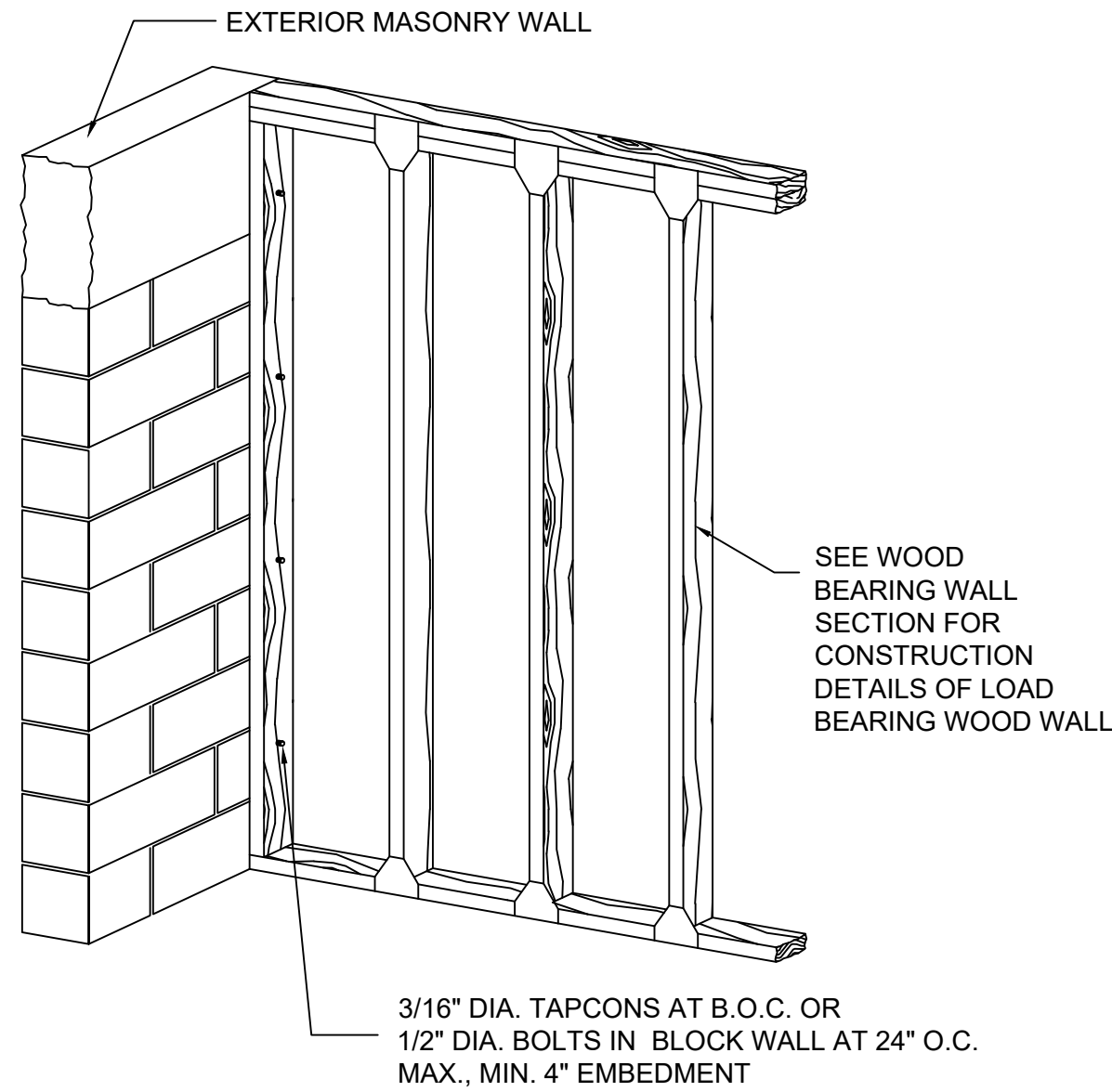
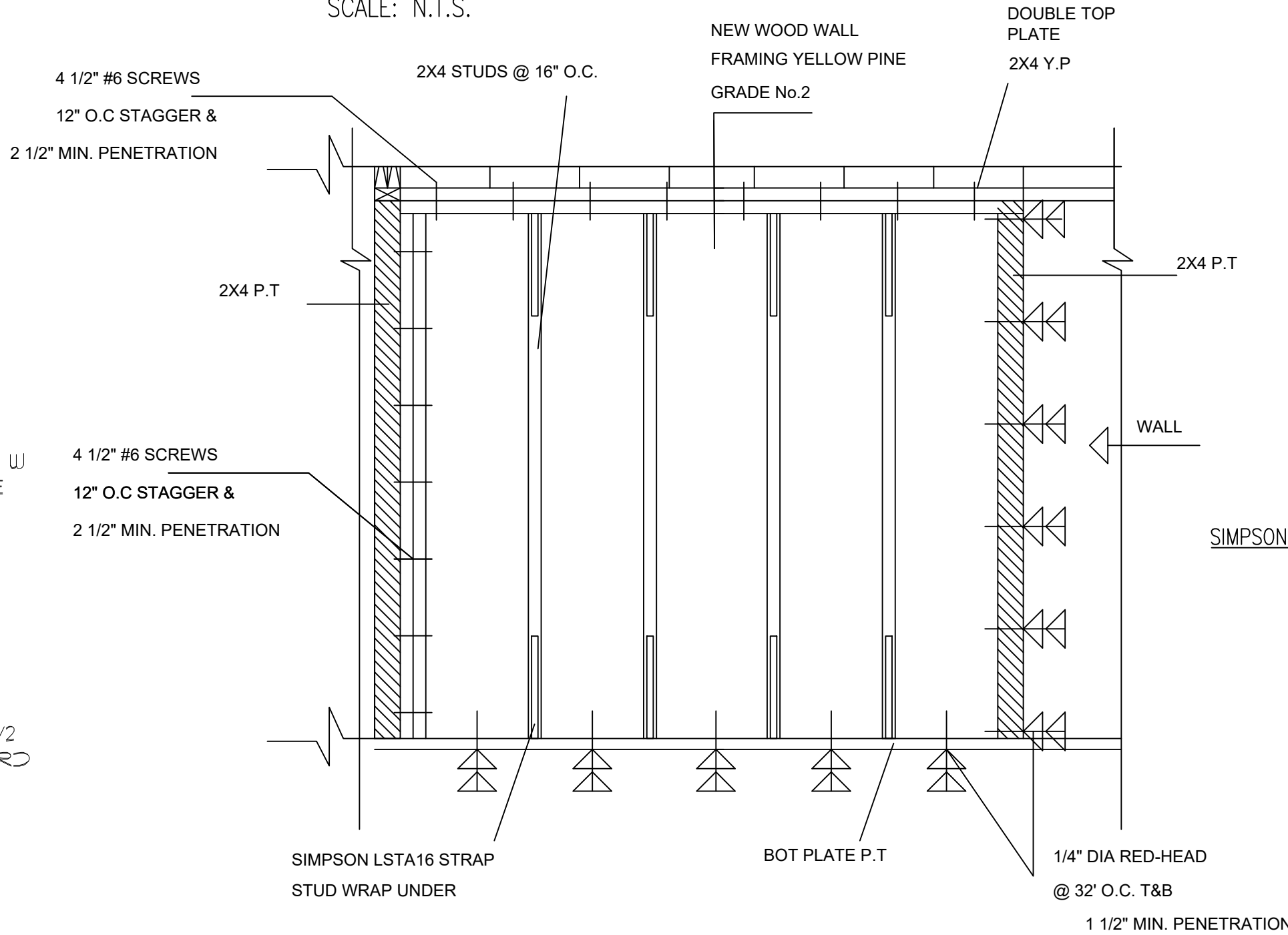
TYPE INTERIOR OPENING WD FRAMED

SCALE: N.T.S.



NON. BRG. WALL ANCHORING

SCALE: N.T.S.

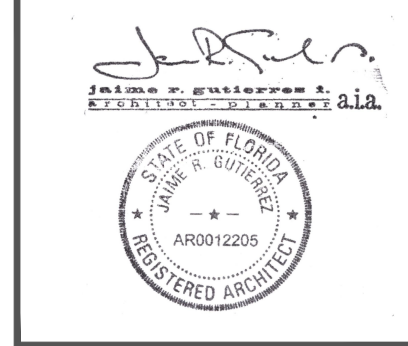


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FARANOV, CLAUDIA

DESCRIPTION:
FRAME WALL DETAILS



Jaime R. Gutierrez I., A.I.A., P. A. & Associates
P.O. BOX 1988
NAPLES, FL 34106-1988 LIC. 12205
3690 14th ST. NAPLES, FL 34103
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Architect - Planner

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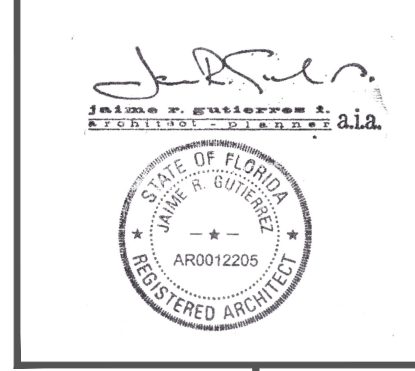
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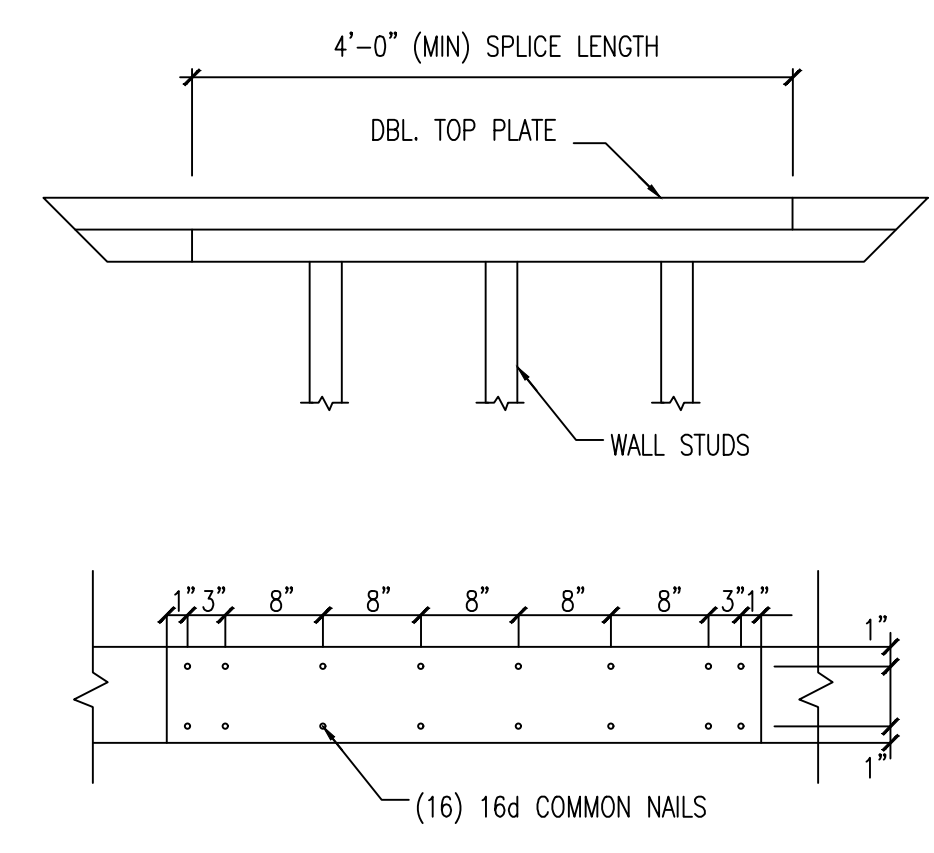


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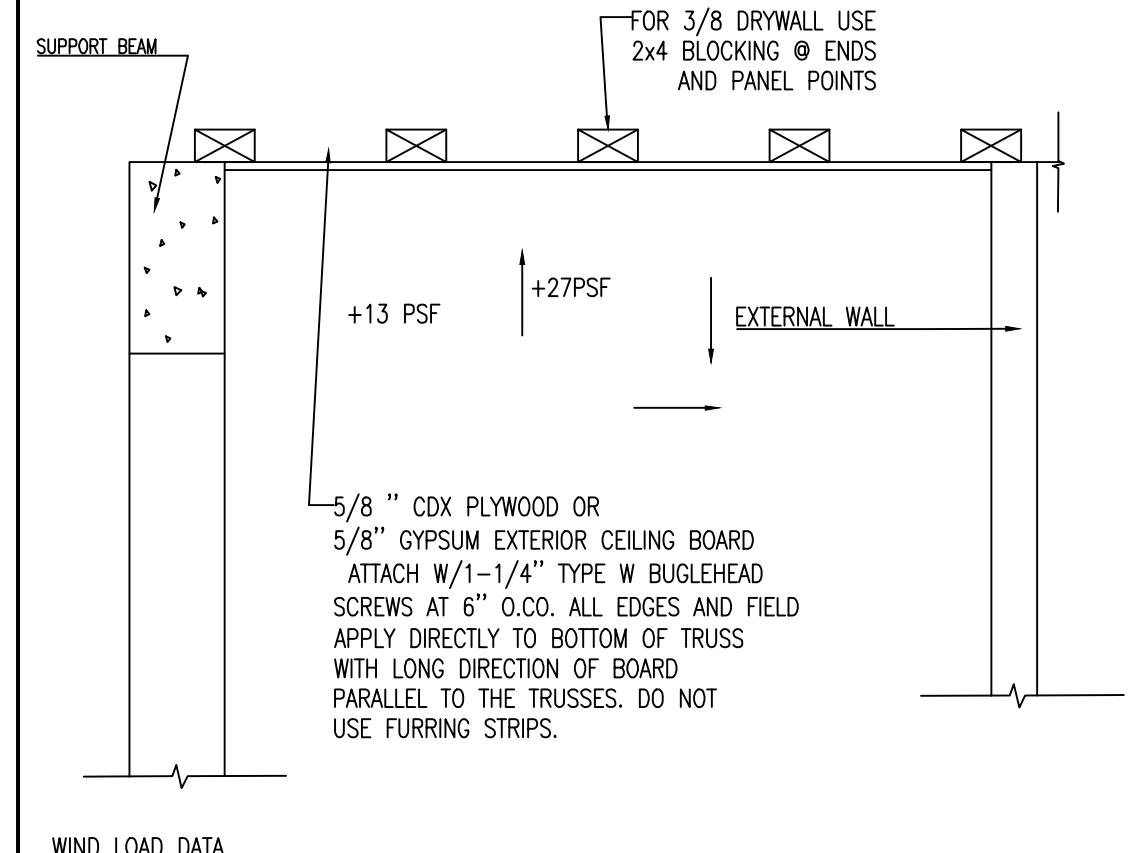
Architect - Planner

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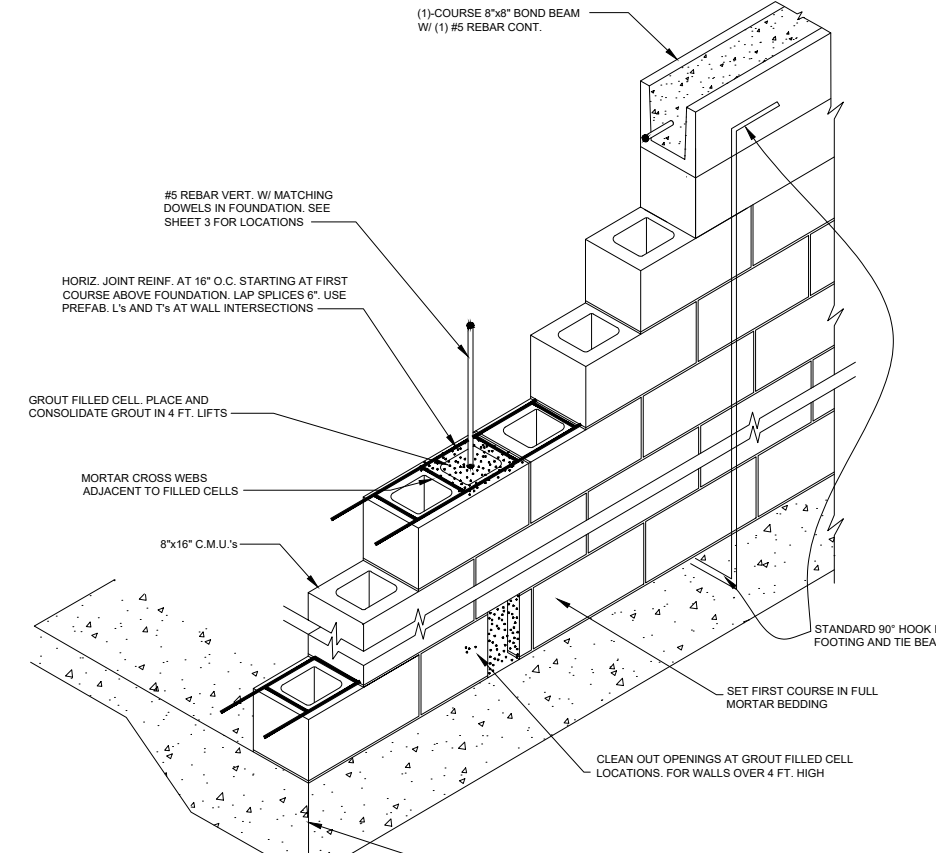
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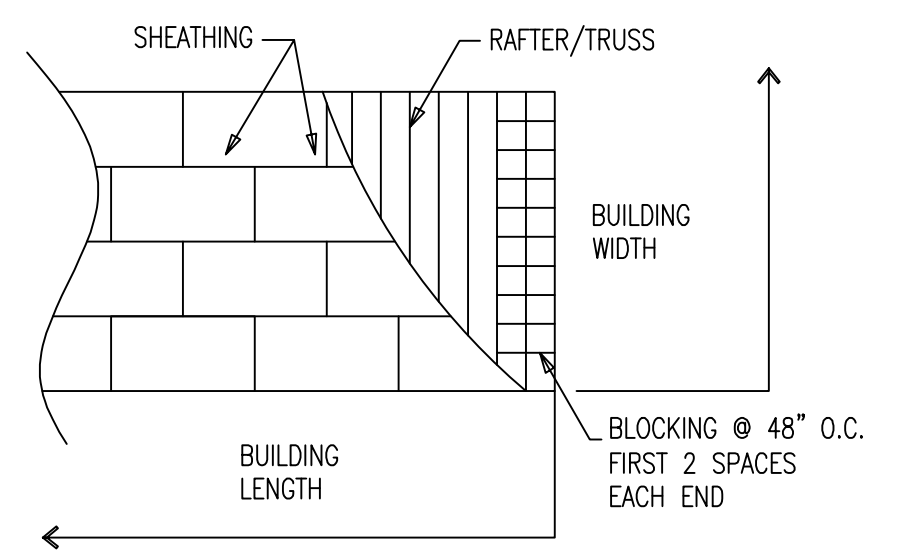
TOP PLATE SPLICE
SCALE: N.T.S.



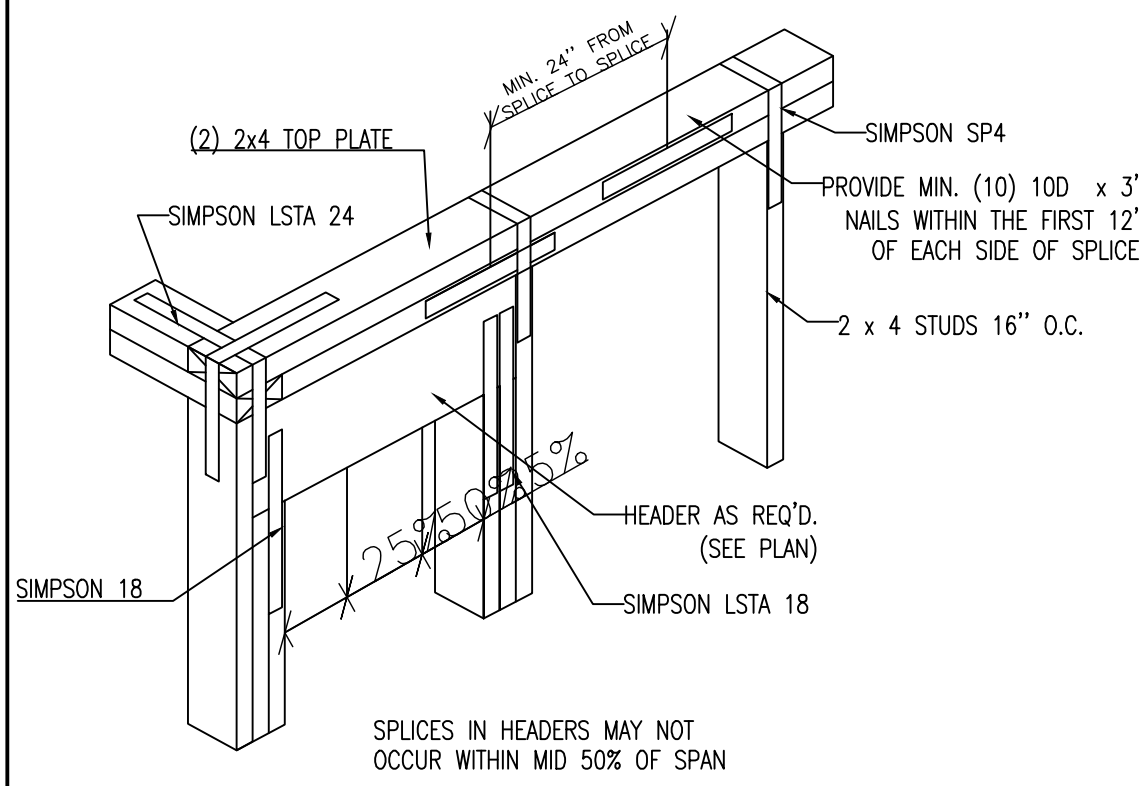
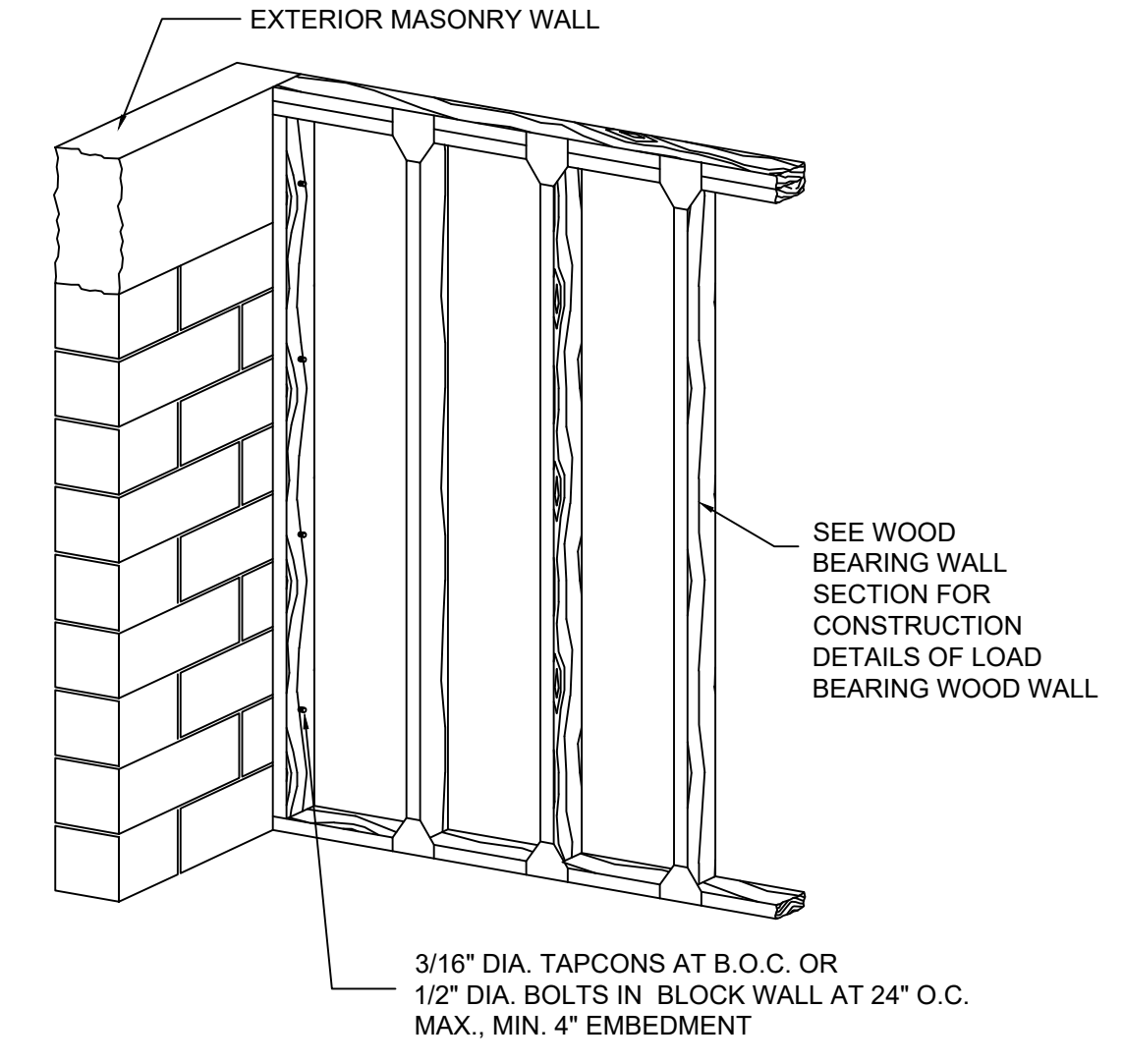
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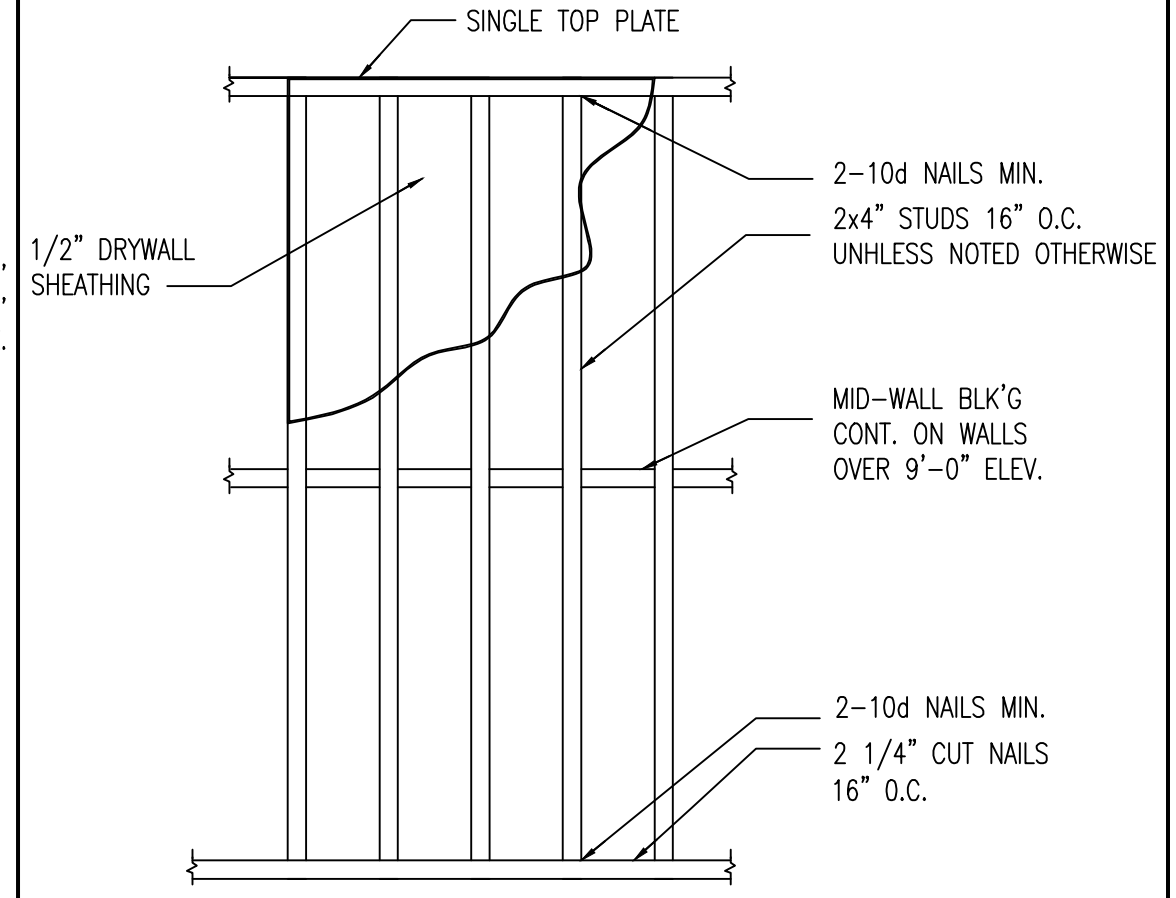
TYPICAL MASONRY WALL CONSTRUCTION
SCALE: 3/4" = 1'-0"



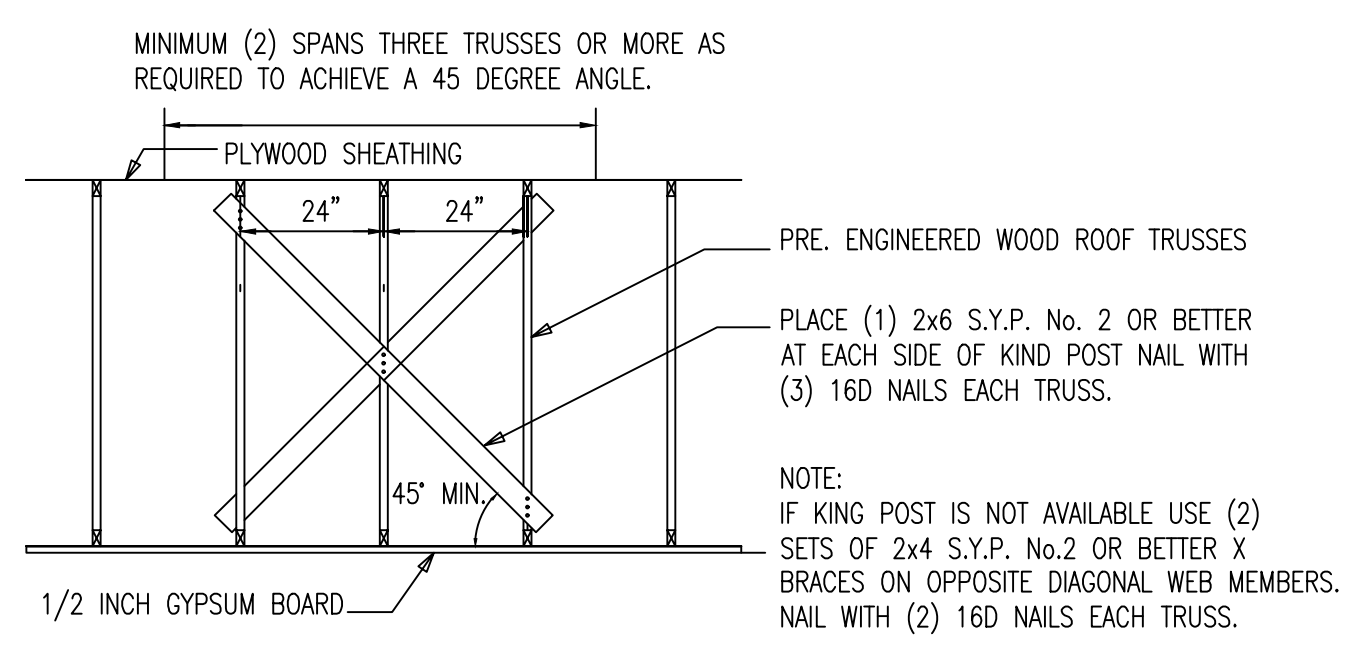
ROOF SHEATHING LAYOUT
SCALE: N.T.S.



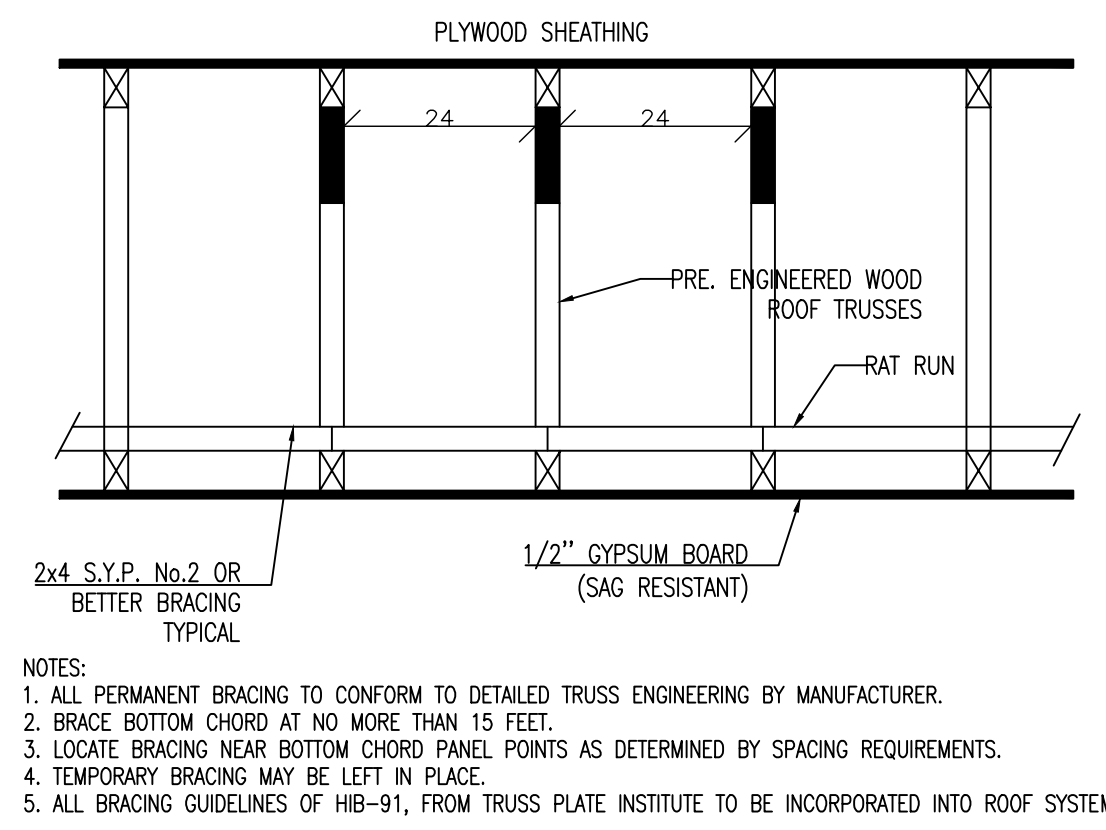
WOOD FRAME SPLICING DETAIL
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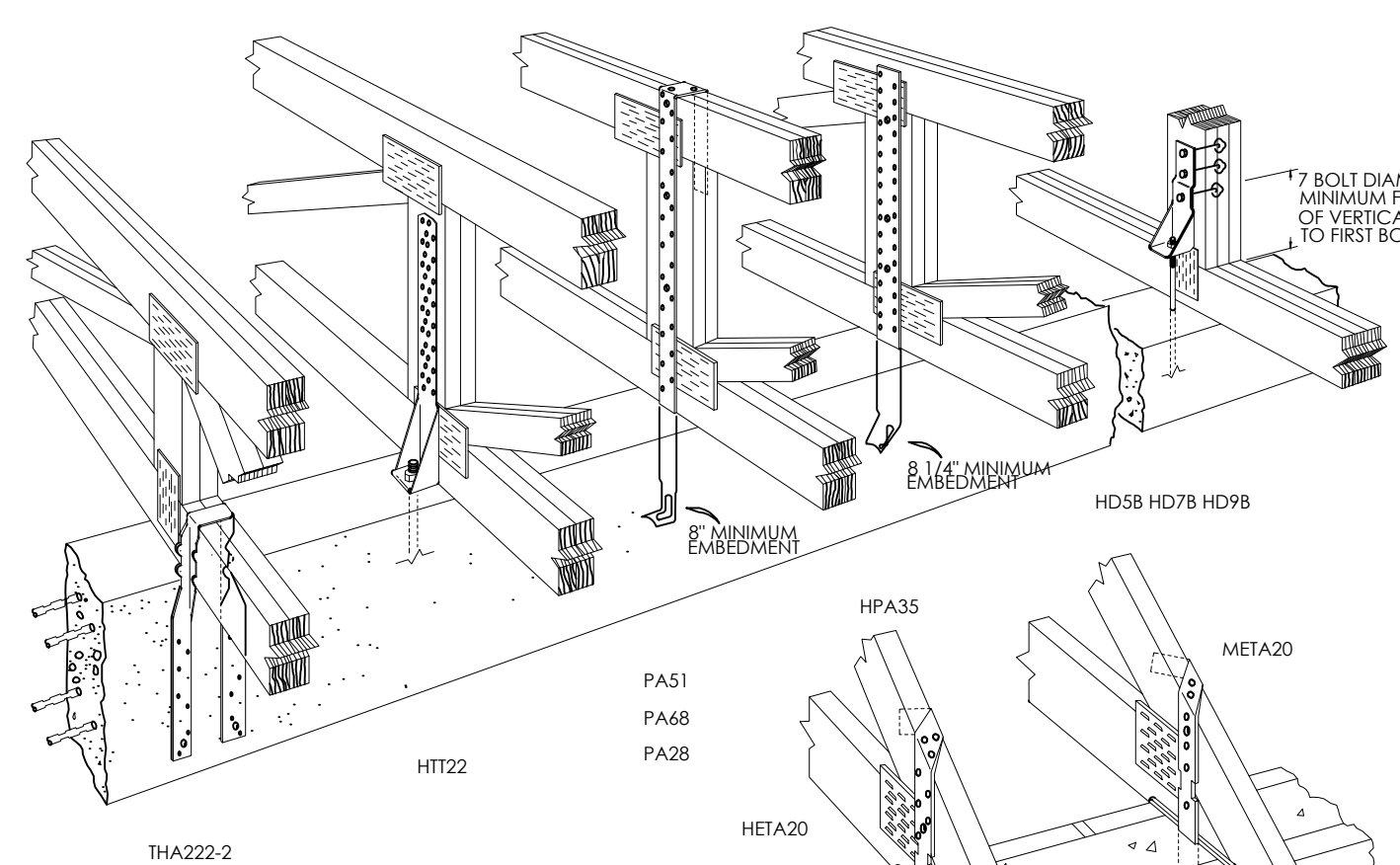
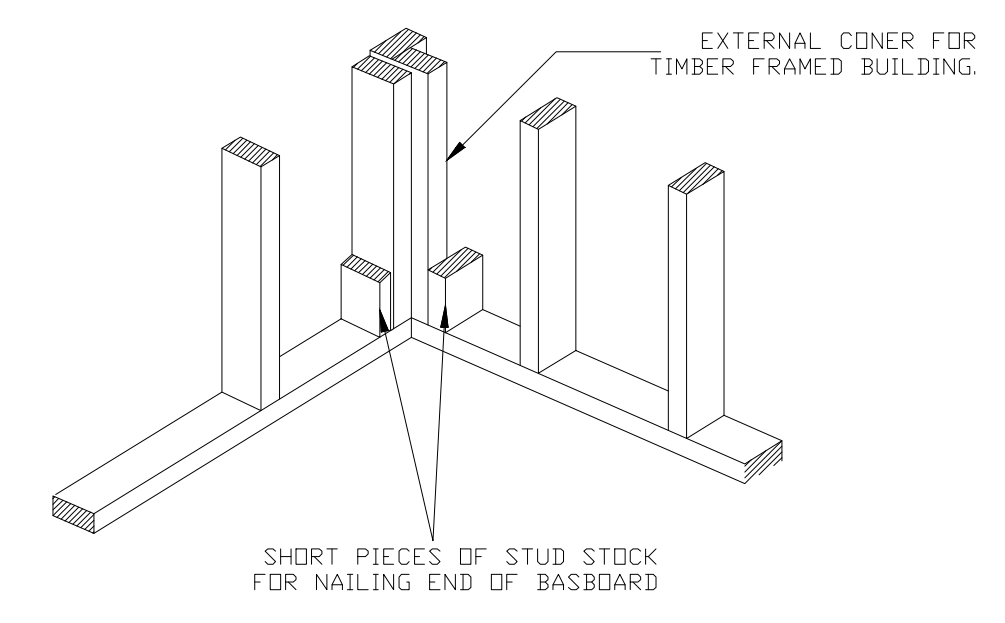
NON. BRG. WALL ANCHORING
SCALE: N.T.S.



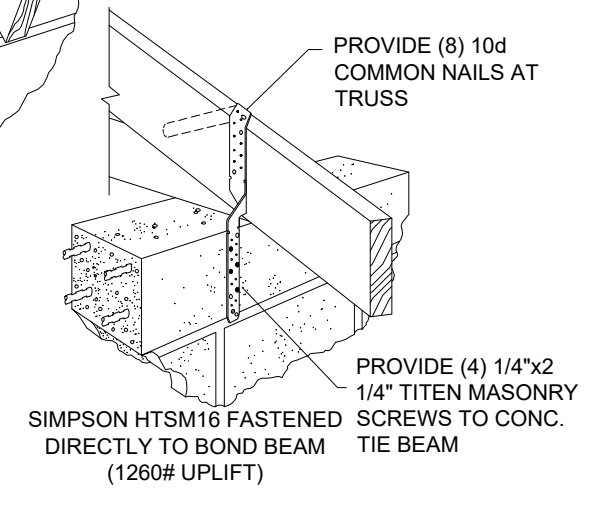
INTERMEDIATE TRUSS BRACING
SCALE: N.T.S.



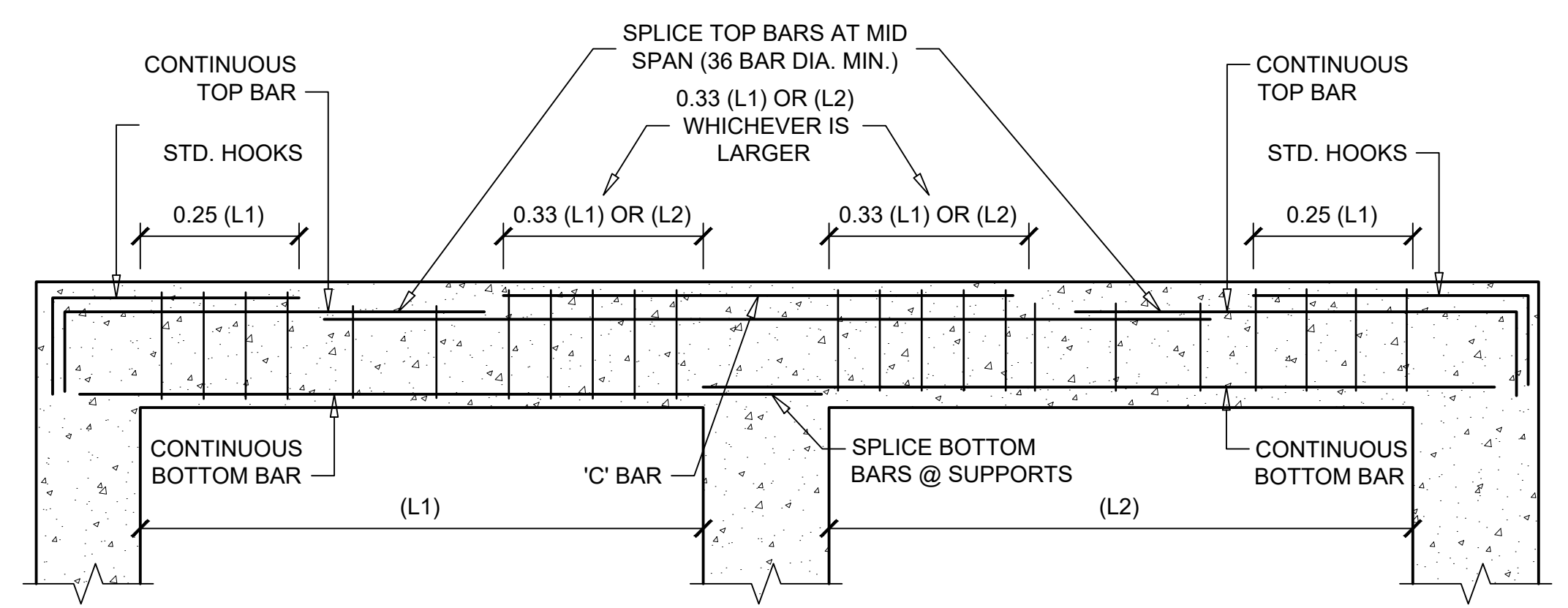
TRUSS BRACING
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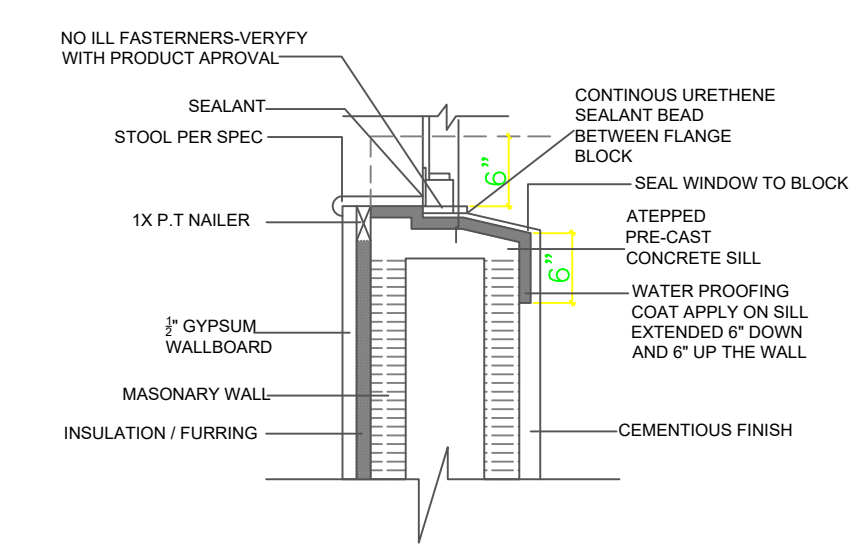
TRUSS ANCHOR DETAIL



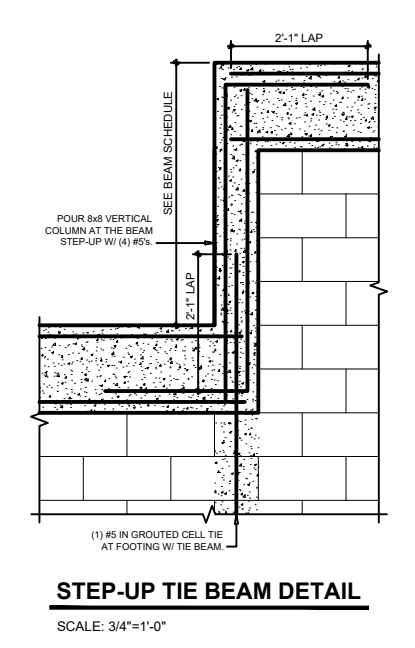
ALTERNATIVE TRUSS ANCHOR DETAIL



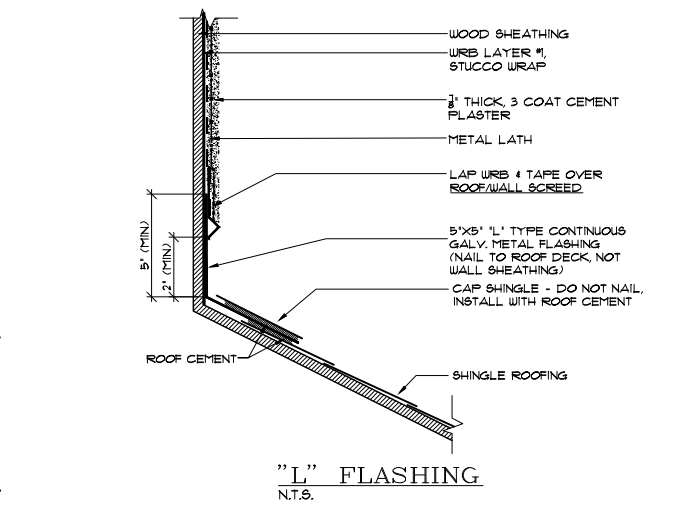
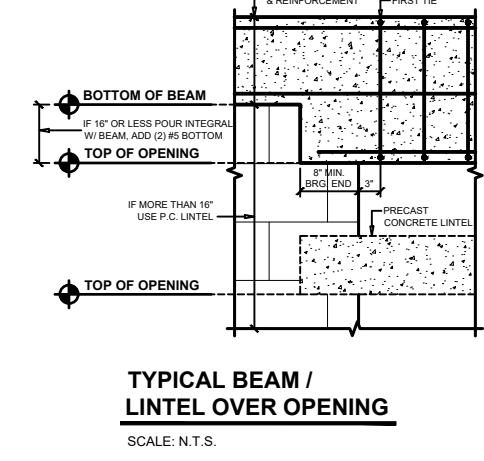
BEAM BAR DIAGRAM
SCALE: N.T.S.
* (IF REQUIRED)



SH WINDOW SILL-CMU
SCALE: N.T.S.



STEP-UP TIE BEAM DETAIL
SCALE: 3/4" = 1'-0"



FLASHING
SCALE: N.T.S.

ELECTRICAL NOTE

- ONLY NEW ELECTRICAL SHOWN ON PLANS

- ADDITIONAL ELECTRICAL DOES NOTE EXCEED 30 AMPS

- ELECTRICAL PLAN SHOW MIN. ELECTRICAL REQUIRED PER ELECTRICAL CODE N.E.C. 2020 CONTRACTOR OR OWNER TO VERIFY PRIOR TO START OF CONSTRUCTION.

- PROVIDE G.F.I. OUTLET AT KITCHENS, BATHROOMS, & COUNTER TOP AREAS WHERE REQUIRED BY ELECTRICAL CODE 2020

- PROVIDE SMOKE DETECTORS POWERED BY HOUSE ELECT. WITH BATTERY MONITORED BACKUP, SHALL BE INSTALLED IN EACH SLEEPING ROOM AND IN THE HALL OR IMMEDIATELY OUTSIDE EACH SLEEPING AREA, AND ON THE HIGHEST CEILING POINT OF EACH ADDITIONAL STORY OF THE RESIDENCE. ALL SMOKE DETECTORS SHALL BE INTER-CONNECTED SO THE ACTIVITY OF ANY ONE DEVICE WILL CAUSE ALL TO SOUND.

ELECTRICAL NOTE

- TIE INTO EXISTING ELECTRICAL PANELS IN RESIDENCE CONTRACTOR TO CONFIRM LOCATION PRIOR TO ANY CONSTRUCTION.

- CONTRACTOR TO PROVIDE ALL WIRING

- CONTRACTOR TO HAVE VALID LICENSE TO DO ELECTRICAL WORK.

- ELECTRICAL CONTRACTOR SHALL VERIFY ALL TYPES & LOCATIONS W/ G.C. PRIOR TO COMMENCEMENT.

- AFCI PROTECTION IS REQUIRED FOR ALL 125 VOLT, SINGLE PHASE, 15 + 20 AMP RECEPTACLES IN ALL ROOMS BY USING AFCI CIRCUIT BREAKERS OR AFCI RECEPTACLES

- AFFIX TERMITE CERTIFICATE IN THE ELECTRICAL PANEL

- 200 AMP SERVICE METER LOCATION TO BE DETERMINED CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION

ELECTRICAL LEGEND

CEILING FAN	
CEILING FAN W/ LIGHT	
24" X 48" FLOUR.FIXTURE	
12" X 48" FLOUR.FIXTURE	
12" X 12" FLOUR.FIXTURE	
UNDER CABINET LED LIGHTING (UCI)	
LED TOE KICK FOOT LIGHTING (TKL)	
TRACK LIGHT	
HOLLYWOOD LIGHTING	
LED ROPE LIGHTING	
LED RECESS / SQ.	
EYE BALL RECESSED	
RECESS LIGHTING	
RECESS LIGHTING W/ VAPOR BARRIER MOTOR DISCONNECT SWITCH	
SCONCE LIGHT FIXTURE	
200AMP ELECTRICAL PANEL	
ELECTRICAL METER	
" J" BOX	

ELECTRICAL LEGEND

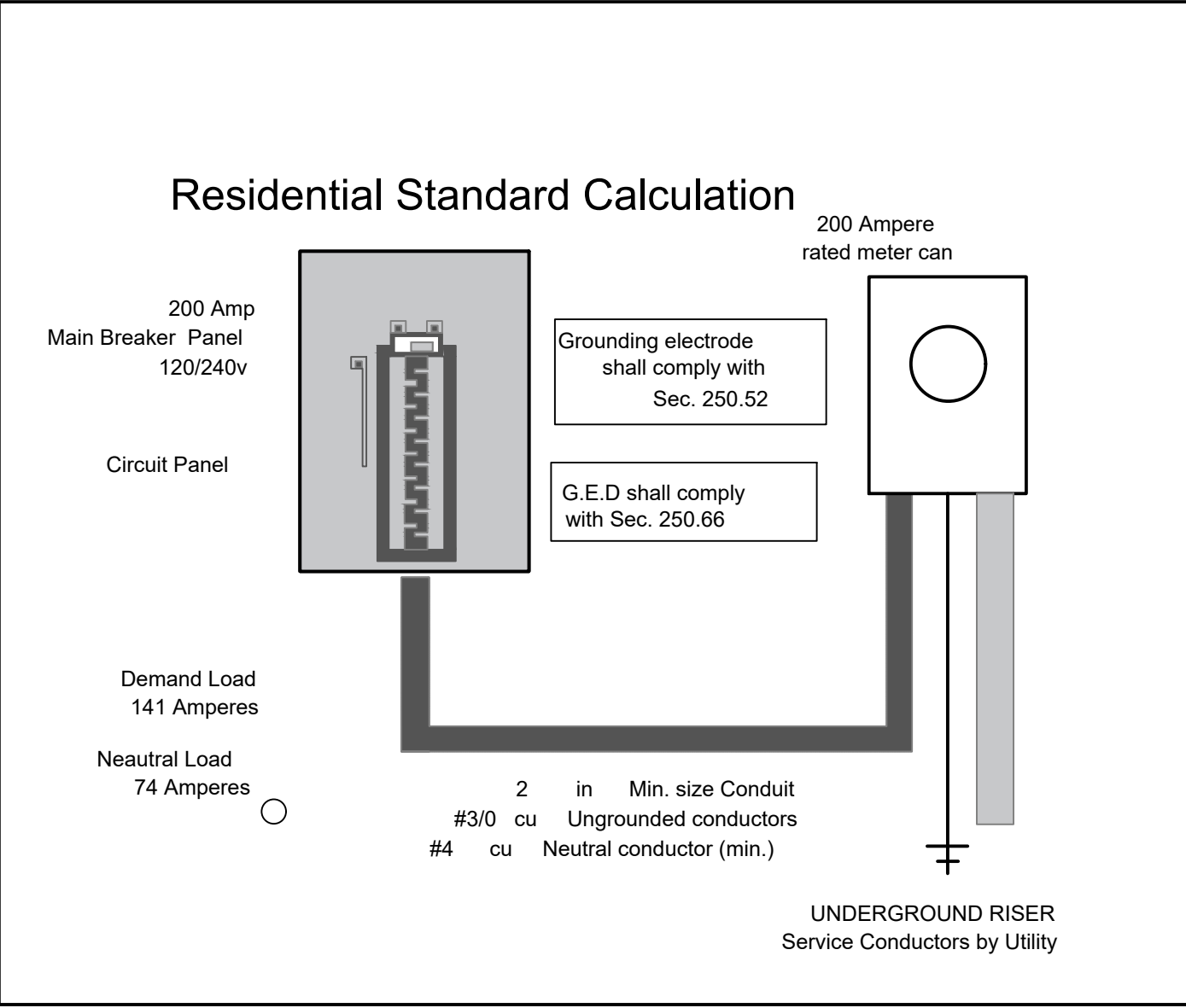
HANGINGLIGHT FIXTURE	
WALL SCONCE LIGHTING	
WALL MOUNT LIGHTING	
SPOT LIGHTS	
STEP LIGHT	
EXHAUST FAN	
HEAD SPRINKLER	
TYP. SWITCH	
DIMMER SWITCH	
3-WAY SWITCH	
4-WAY SWITCH	
SINGLE 110 OUTLET	
UNDER COUNTER 110 OUTLET	
110 OUTLET	
HALF HOT DUPLEX 110 OUTLET	
220 OUTLET	
110 G.F.I.	
110 G.F.I. W.P. OUTLET	
A/C DISCONNECT	
PUSH BUTTON	
CABLE T.V.	
PHONE	
SMOKE DETECTOR / CARBON MONOXIDE COMBO	
CARBON MONOXIDE DETECTOR	
DOOR CHIME	
DOOR BELL	

NOTE:

ALL BRANCH CIRCUITS THAT SUPPLY 125 V, SINGLE PHASE, 15 & 20 AMPERE RECEPTACLE OUTLET SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER(S) IN DWELLING UNIT ALL LIVING AREA.

2020 STANDARD NATIONAL ELECTRICAL CODE

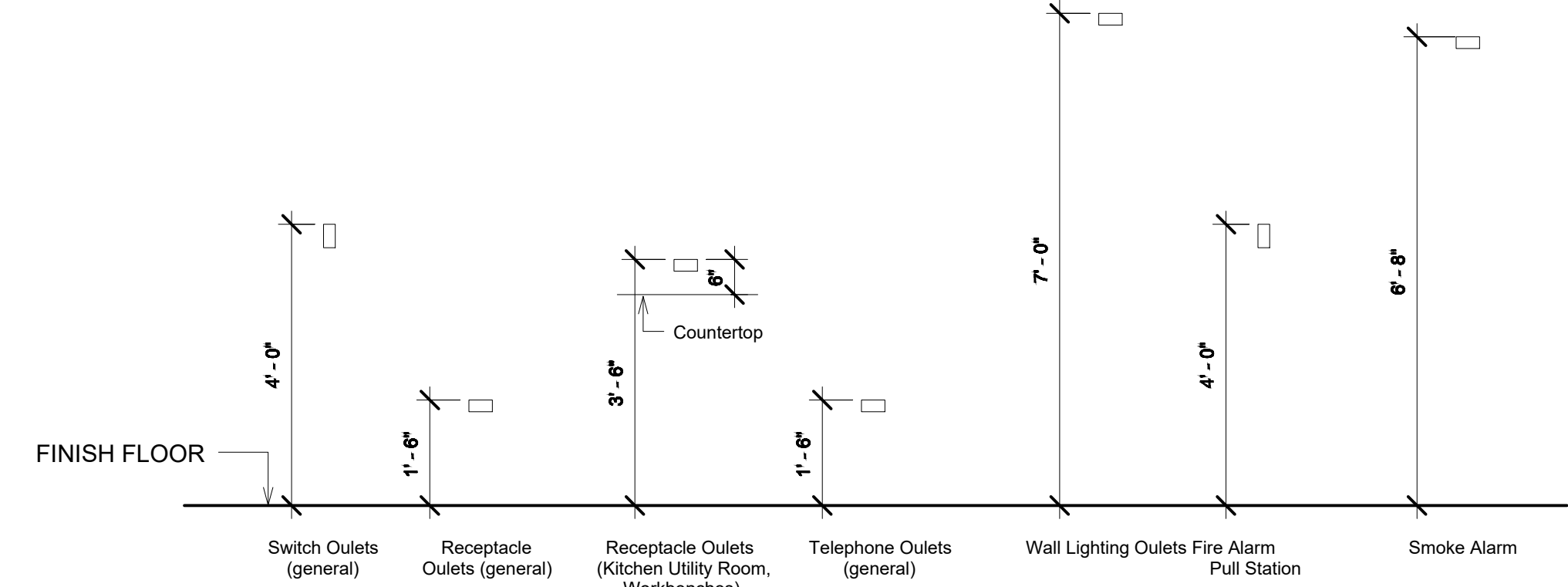
CARBON MONOXIDE DETECTORS SHALL BE INSTALLED WITHIN 10 FEET OUTSIDE OF A SLEEPING AREA PER 2020 FLORIDA STATUTE 553.088 CARBON MONOXIDE ALARMS.



* VERIFY SIZE OF O.C.P. DEVICE W/ MANUFACTURER, MECHANICAL DRAWINGS AND FIELD VERIFICATION.

** INDICATES ARC. FAULT BREAKER.

*** VIA TIME SWITCH.



LIVING AREA

120 V AC/DC WIRE-SMOKE ALARM
BATTERY BACKUP
PART NUMBER 21006378
MODEL i 12040

BEDROOM AREA

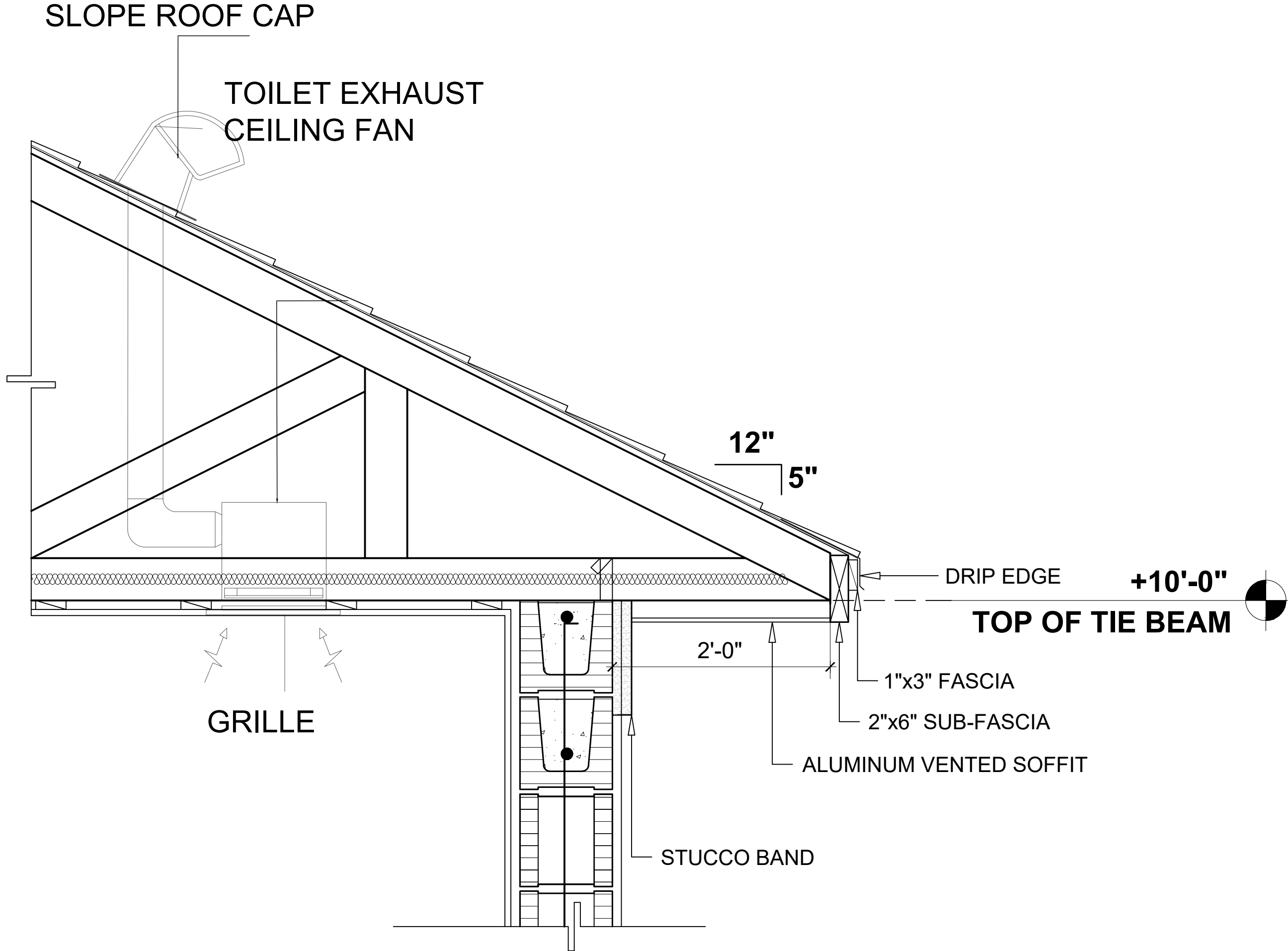
AC WIRE-IN COMBINATION
CARBON MONOXIDE & SMOKE ALARM
PART NUMBER 900-0114A
MODEL KN-COSM-IBA

120/240V, 1Ø, 3W										VOLTAGE:										SQ. "D" QO142M200										EQUAL TO:																			
200A										MAINS:										PANEL "A"										LOADCENTER										TYPE:									
MB										TYPE MAINS:										FLUSH										MOUNTING:																			
CIR. NO.	IDENTIFICATION				"B" VA	"A" VA	TRIP AMPS	POLE	WIRE	COND	COND	WIRE	POLE	TRIP AMPS	"B" VA	"A" VA	IDENTIFICATION				CIR. NO.																												
2	RANGE				-		50	2	8	3/4"	1"	8	2	60	-			AHU-1				1																											
4	RANGE				-		50	2	8	-	-	8	-	60	-			* AHU-1				3																											
6	DRYER				-		30	2	10	1/2"	1/2"	10	2	30	-			* CU-1 (5 TON)				5																											
8	*DRYER				-		30	-	10	-	-	10	-	30	-			* CU-1				7																											
10	*WASHER				-		20	1	12	1/2"	1/2"	12	1	20	-			REFRIGERATOR				9																											
12	*LAUNDRY				-		20	1	12	1/2"	1/2"	12	1	20	-			DISPOSAL				11																											
14	DISHWASHER				-		20	1	12	1/2"	1/2"	12	1	20	-			KITCHEN RECEPTACLES				13																											
16	- GARAGE				-		20	1	12	1/2"	1/2"	12	1	20	-			GFI KITCHEN RECEPTACLES				15																											
18	GFI BATHROOM				-		20	1	12	1/2"	1/2"	12	1	20	-			MICROWAVE				17																											
20	BATHROOM				-		20	1	12	1/2"	1/2"	14	1	15	-			BEDROOM 1				19																											
22	- WATER HEATER ECO SMART				-		30	2	10	1/2"	1/2"	14	1	15	-			BEDROOM 2				21																											
24	WATER HEATER ECO SMART				-		30	-	10	-	1/2"	14	1	15	-			BEDROOM 3				23																											
26	MASTER BEDROOM				-		15	1	14	1/2"	1/2"	12	1	20	-			MASTER BATH RECEPTACLES				25																											
28	OUTDOOR LIV. RECEPTACLES				-		20	1	12	1/2"	1/2"	14	1	15	-			GREAT ROOM RECEPTACLES				27																											
30	OUTDOOR KIT. RECEPTACLES				-		20	1	12	1/2"	1/2"	14	1	15	-			*GENERAL LIGHTING				29																											
32	OUTDOOR KIT. GFI				-		20	1	12	1/2"	1/2"	14	1	15	-			*GENERAL LIGHTING				31																											
34	- GENERAL LIGHTING				-		15	1	14	1/2"	1/2"	12	1	20	-			WATER SYSTEM RECEPTACLE				33																											
36	GENERAL LIGHTING				-		15	1	14	1/2"					-			- SPARE				35																											
38	- GENERAL LIGHTING				-		15	1	14	1/2"					-			- SPARE				37																											
40	- SPARE				-		-	-	-	-	-	-	-	-	-			- SPARE				39																											
42	- SPARE				-		-	-	-	-	-	-	-	-	-			- SPARE				41																											
SUB-TOTAL KVA/Ø																				SUB-TOTAL KVA/Ø																													

ELECTRICAL NOTES

IT THE INTENT OF THE DESIGNER THAT THE ELECTRICAL SUBCONTRACTOR IS TO BID AND INSTALL ALL ELECTRICAL ITEMS AS REQUIRED PER APPLICABLE ELECTRICAL BUILDING CODES.

- ALL EXTERIOR OUTLETS AND OUTLETS IN KITCHEN, BATHROOMS AND UTILITY TO BE ON GFI CIRCUITS.
- VERIFY POWER HOOK UP LOCATION AND TYPE OF SERVICE (UNDERGROUND OR OVERHEAD) WITH RESPECT TO SUBDIVISION REQUIREMENTS.
- ALL SMOKE DETECTORS ARE TO BE HARD WIRED AND INTERCONNECTED WITH BATTERY BACKUP.
- ALL FIXTURES SHALL BE APPROVED BY THE OWNER PRIOR TO PURCHASE AND INSTALLATION.
- ALL 120V, SINGLE PHASE, 15 AND 20 AMP BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN ALL LIVING AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION-TYPE, INSTALLED TO PROVIDE PROTECTION OF BRANCH CIRCUIT.



TOILET EXHAUST FAN DETAIL

SCALE: N.T.S.

THE OWNER OR CONTRACTOR:

- SHALL BE TOTALLY RESPONSIBLE FOR THE CONSTRUCTION PHASE OF THIS PROJECT & STRICTLY FOLLOWS THE LOCAL BUILDING CODES AND REGULATIONS.

- THEY SHALL ALSO NOTIFY THE ARCHITECT IN WRITING FOR ANY ERRORS, OMISSIONS, OR NON-CONFORMANCE OF SUCH CODES & ORDINANCES IN THE CONSTRUCTION DOCUMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

- THIS DRAWING & OTHER RELATED DOCUMENTS ARE INSTRUMENTS OF "AAA HOME DESIGN SERVICES INC.", FOR USE SOLELY WITH THIS PROJECT. ANY REUSE OR MODIFICATION OF THESE DOCUMENTS SHALL BE AT THE USER'S RISK.

PROJ. NAME: NEW SINGLE FAMILY RESIDENCE
MODEL "DEL TA LUXURY"

ADDRESS: 1263 GOLDEN GATE BLVD. E, NAPLES, FL 34120
FARANOVO, CLAUDIA

DESCRIPTION: ELECTRICAL NOTES

Jaime R. Gutierrez I., A.I.A., P.A. & Associates
P.O. BOX 1988
NAPLES, FL 34106-1988 UC 12205
3690 14th ST. NAPLES, FL 34103
E-MAIL JAIMEARCHITECT@GMAIL.COM

Architect - Planner

REVISION:

REV.	DATE
△	
△	
△	

PROJECT DATE : 08/11/2023

SCALE : N.T.S.

SHEET : JOB:AA517

A-1



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

ELECTRICAL LEGEND	
CEILING FAN	
CEILING FAN W/ LIGHT	
24" X 48" FLOUR.FIXTURE	
12" X 48" FLOUR.FIXTURE	
12" X 12" FLOUR.FIXTURE	
UNDER CABINET LED LIGHTING (UCI)	
LED TOE KICK FOOT LIGHTING (TKL)	
TRACK LIGHT	
HOLLYWOOD LIGHTING	
LED ROPE LIGHTING	
LED RECESS / SQ.	
EYE BALL RECESSED	
RECESS LIGHTING	
RECESS LIGHTING W/ VAPOR BARRIER MOTOR DISCONNECT SWITCH	
SCONCE LIGHT FIXTURE	
400/200 AMP ELECTRICAL PANEL	
ELECTRICAL METER	
"J" BOX	

ELECTRICAL LEGEND	
LIGHT FIXTURE	
WALL SCONCE LIGHTING	
WALL MOUNT LIGHTING	
SPOT LIGHTS	
STEP LIGHT	
EXHAUST FAN	
HEAD SPRINKLER	
TYP. SWITCH	
DIMMER SWITCH	
3-WAY SWITCH	
4-WAY SWITCH	
SINGLE 110 OUTLET	
UNDER COUNTER 110 OUTLET	
110 OUTLET	
HALF HOT DUPLEX 110 OUTLET	
220 OUTLET	
110 G.F.I.	
110 G.F.I. W.P. OUTLET	
DISCONNECT	
PUSH BUTTON	
CABLE T.V.	
PHONE	
SMOKE DETECTOR / CARBON MONOXIDE COMBO DETECTOR	
DOOR CHIME	
DOOR BELL	

HOME DESIGN SERVICES INC.

THE OWNER OR CONTRACTOR:

PROJ. NAME: NEW SINGLE FAMILY RESIDENCE
MODEL "DEL TA LUXURY"

ADDRESS: 1263 GOLDEN GATE BLVD. E. NAPLES, FL. 34120
FARANOV, CLAUDIA

DESCRIPTION: ELECTRICAL PLAN

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P.O. BOX 1988
NAPLES, FL 34106-1988
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REV.	DATE
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PROJECT DATE : 08/11/2023

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

SHEET : JOB:AA517

A-2