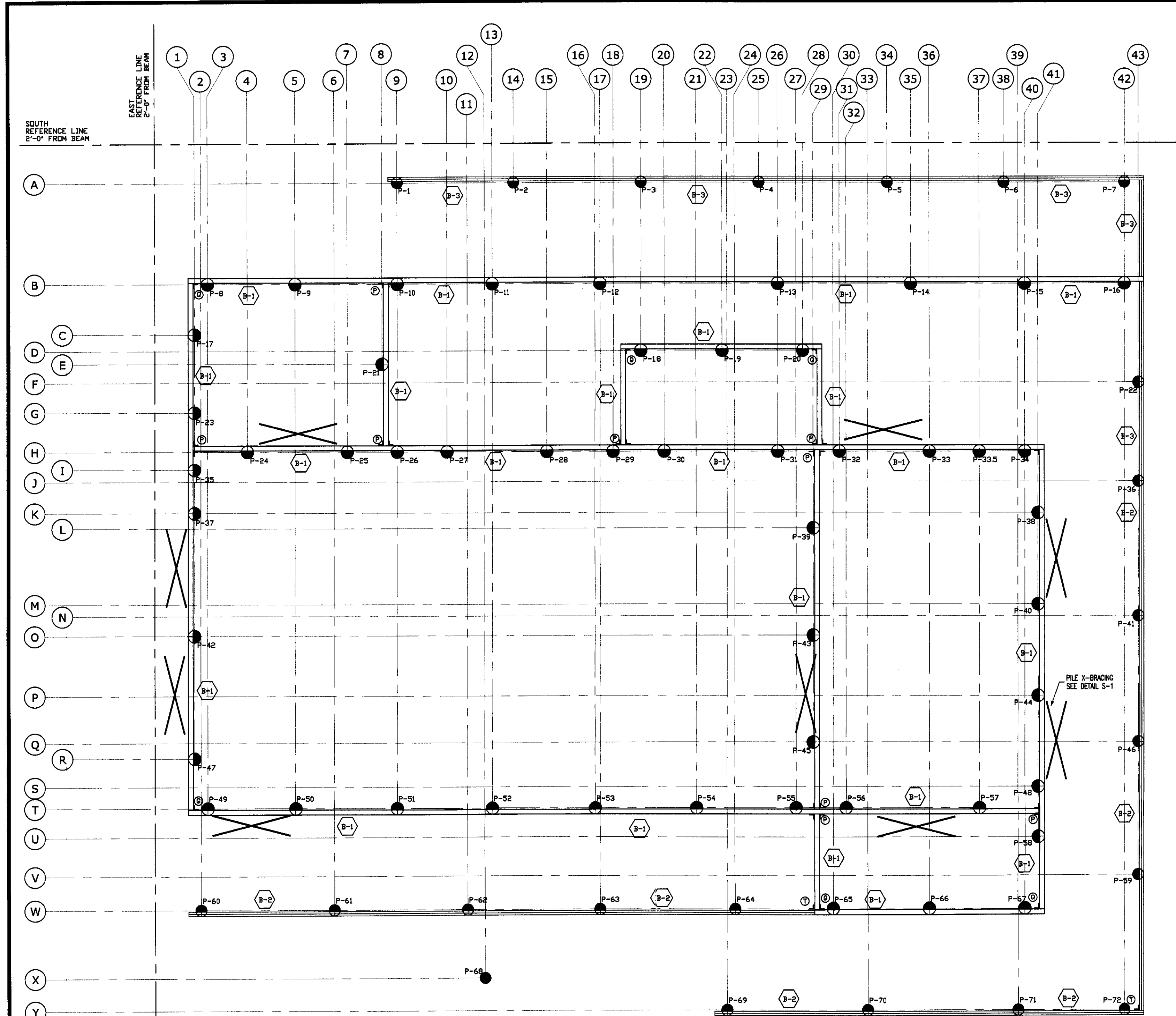
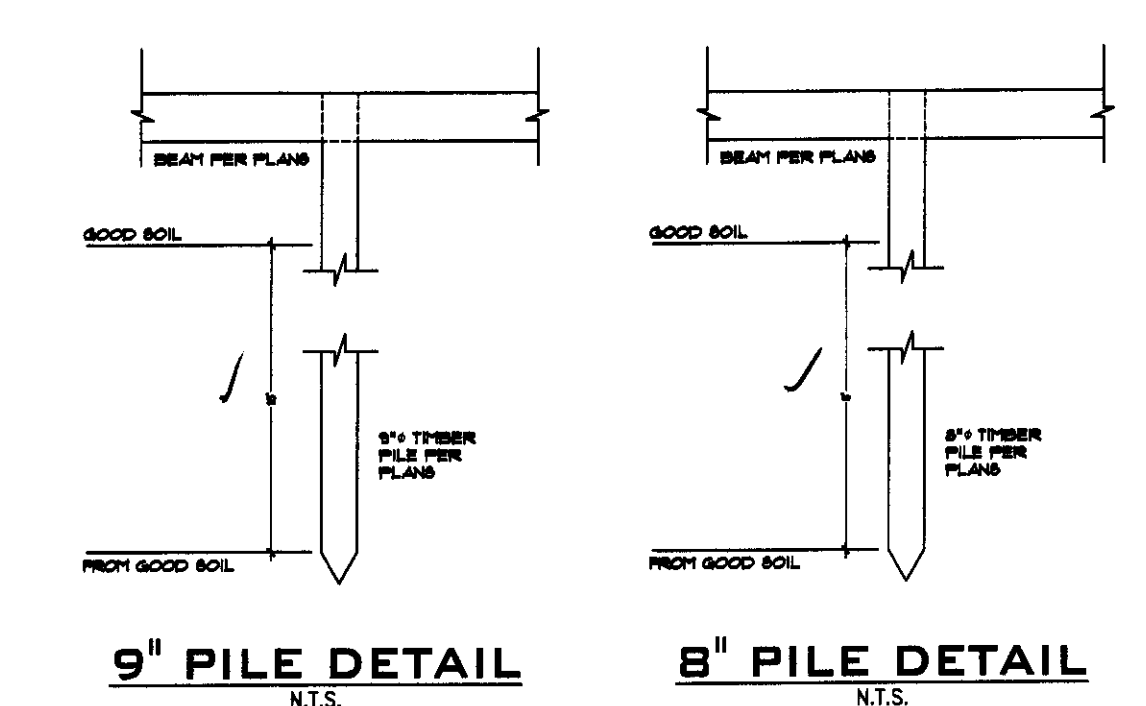
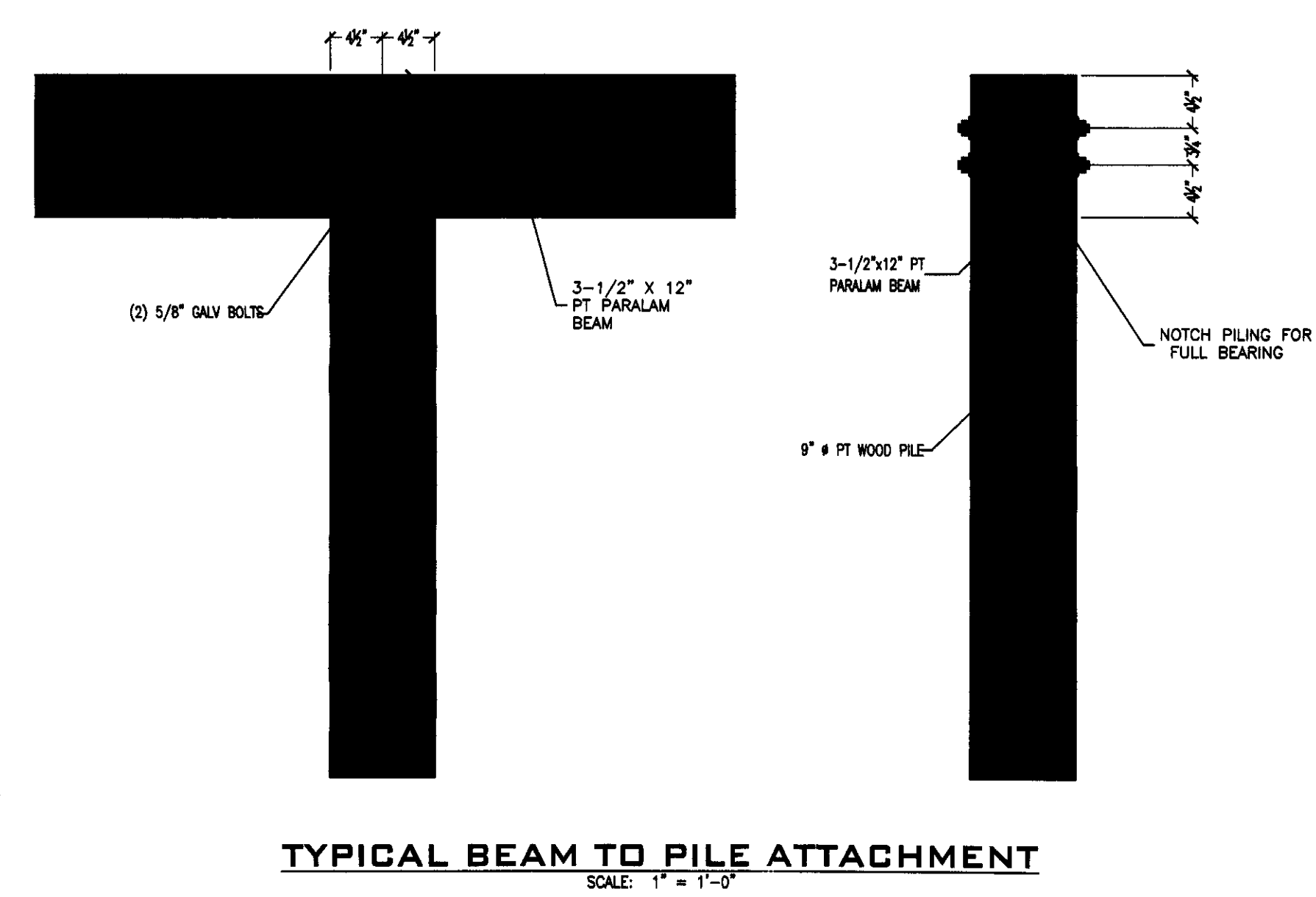
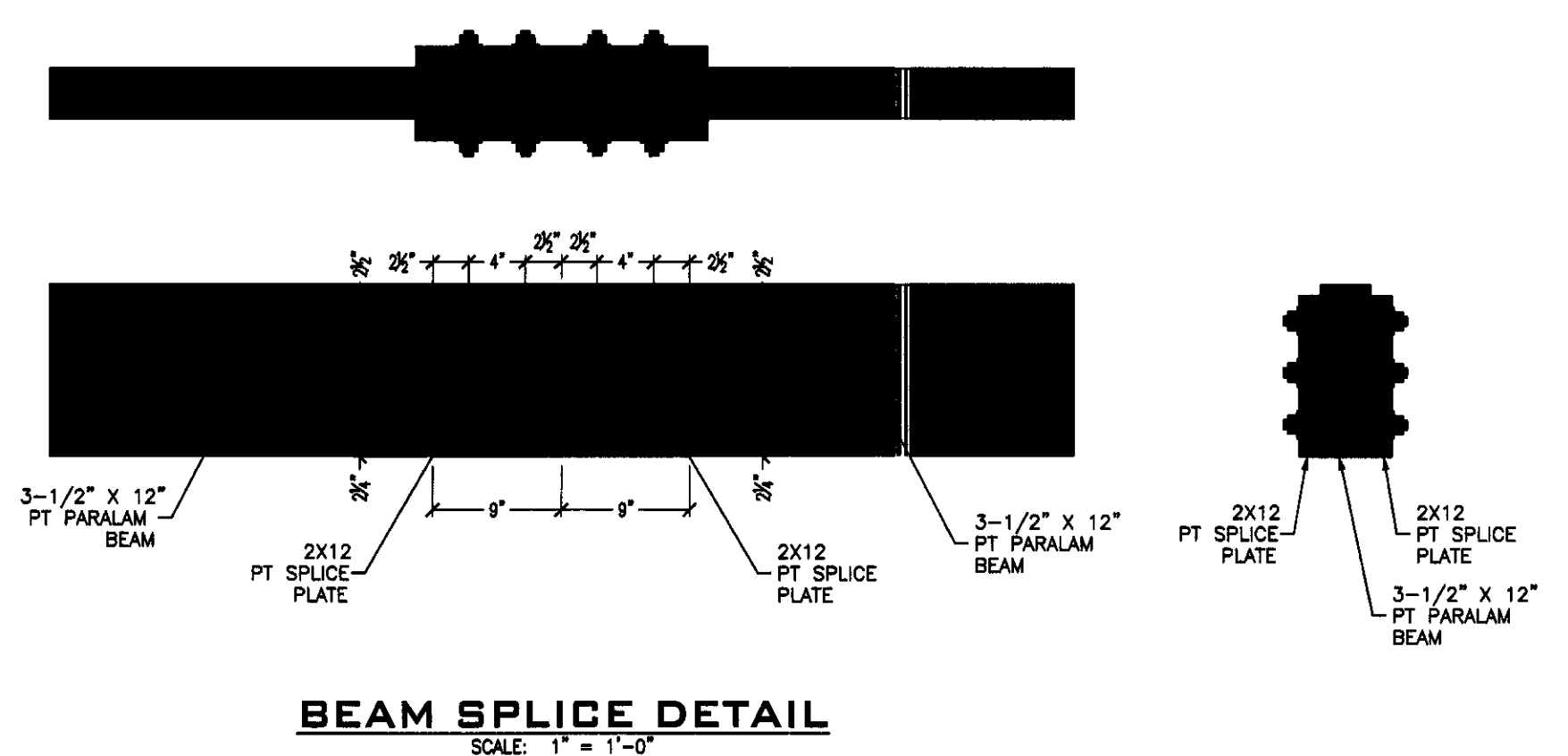


SHEET NAME:	Cover and Notes
SHEET #:	S-0

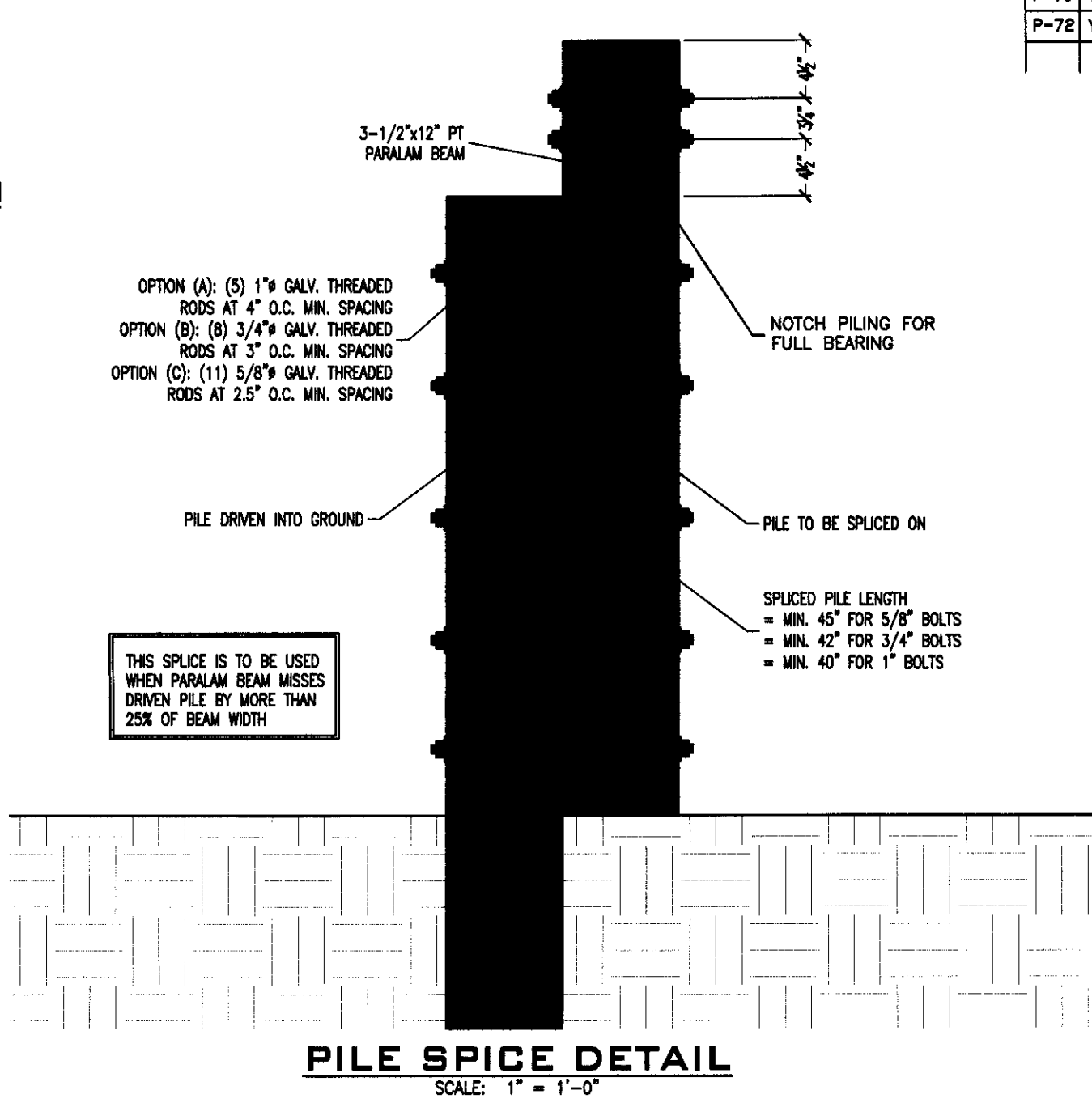


PILE NUMBER	GRID ID	PILE SIZE	DISTANCE FROM REFERENCE LINE	DISTANCE FROM SOUTH REFERENCE LINE
P-1	A9	8"	14'-7"	2'-4"
P-2	A14	8"	21'-7"	2'-4"
P-3	A19	8"	29'-3"	2'-4"
P-4	A25	8"	36'-3"	2'-4"
P-5	A34	8"	43'-11"	2'-4"
P-6	A38	8"	50'-11"	2'-4"
P-7	A42	8"	58'-2"	2'-4"
P-8	B3	9"	3'-2"	8'-5"
P-9	B5	9"	8'-5"	8'-5"
P-10	B9	9"	14'-7"	8'-5"
P-11	B13	9"	20'-3"	8'-5"
P-12	B17	9"	26'-9"	8'-5"
P-13	B26	9"	37'-4"	8'-5"
P-14	B35	9"	45'-4"	8'-5"
P-15	B40	9"	52'-2"	8'-5"
P-16	B42	9"	58'-2"	8'-5"
P-17	C1	9"	2'-5"	11'-5"
P-18	D19	9"	29'-3"	12'-5"
P-19	D22	9"	34'-0"	12'-5"
P-20	D28	9"	38'-0"	12'-5"
P-21	E8	9"	13'-8"	13'-2"
P-22	F43	9"	59'-0"	13'-2"
P-23	G1	9"	2'-5"	16'-0"
P-24	H4	9"	9'-7"	18'-8"
P-25	H7	9"	11'-7"	18'-8"
P-26	H9	9"	14'-7"	18'-8"
P-27	H10	9"	17'-7"	18'-8"
P-28	H15	9"	23'-7"	18'-8"
P-29	H18	9"	27'-7"	18'-8"
P-30	H20	9"	30'-7"	18'-8"
P-31	H26	9"	37'-4"	18'-8"
P-32	H31	9"	41'-0"	18'-8"
P-33	H36	9"	46'-5"	18'-8"
P-33.5	H37	9"	49'-5"	18'-8"
P-34	H40	9"	52'-2"	18'-8"
P-35	I1	9"	2'-5"	19'-5"
P-36	J43	8"	59'-0"	20'-2"
P-37	K1	9"	2'-5"	22'-0"
P-38	K41	9"	53'-0"	22'-0"
P-39	L29	9"	39'-6"	22'-11"
P-40	M41	9"	53'-0"	27'-6"
P-41	N43	8"	59'-0"	28'-2"
P-42	O1	9"	2'-5"	29'-4"
P-43	O29	9"	39'-6"	29'-4"
P-44	P1	9"	53'-0"	32'-11"
P-45	O29	9"	39'-6"	35'-9"
P-46	O43	8"	59'-0"	35'-9"
P-47	R1	9"	2'-5"	36'-8"
P-48	S81	9"	39'-6"	38'-8"
P-50	T5	9"	8'-5"	39'-8"
P-51	T9	9"	14'-7"	39'-8"
P-52	T13	9"	20'-3"	39'-8"
P-53	T16	9"	26'-5"	39'-8"
P-54	T21	9"	32'-5"	39'-8"
P-55	T27	9"	38'-5"	39'-8"
P-56	T32	9"	41'-5"	39'-8"
P-57	T37	9"	49'-5"	39'-8"
P-58	U41	9"	53'-0"	41'-4"
P-59	V43	8"	59'-0"	43'-8"
P-60	V2	8"	2'-5"	45'-8"
P-61	V6	8"	10'-9"	45'-8"
P-62	V11	8"	18'-9"	45'-8"
P-63	V17	8"	26'-9"	45'-8"
P-64	V24	8"	34'-9"	45'-8"
P-65	V30	9"	40'-8"	45'-8"
P-66	V36	9"	46'-5"	45'-8"
P-67	V40	9"	52'-2"	45'-8"
P-68	X12	8"	19'-10"	49'-9"
P-69	Y23	8"	34'-4"	51'-8"
P-70	Y33	8"	42'-9"	51'-8"
P-71	Y39	8"	52'-2"	51'-8"
P-72	Y42	8"	58'-2"	51'-8"

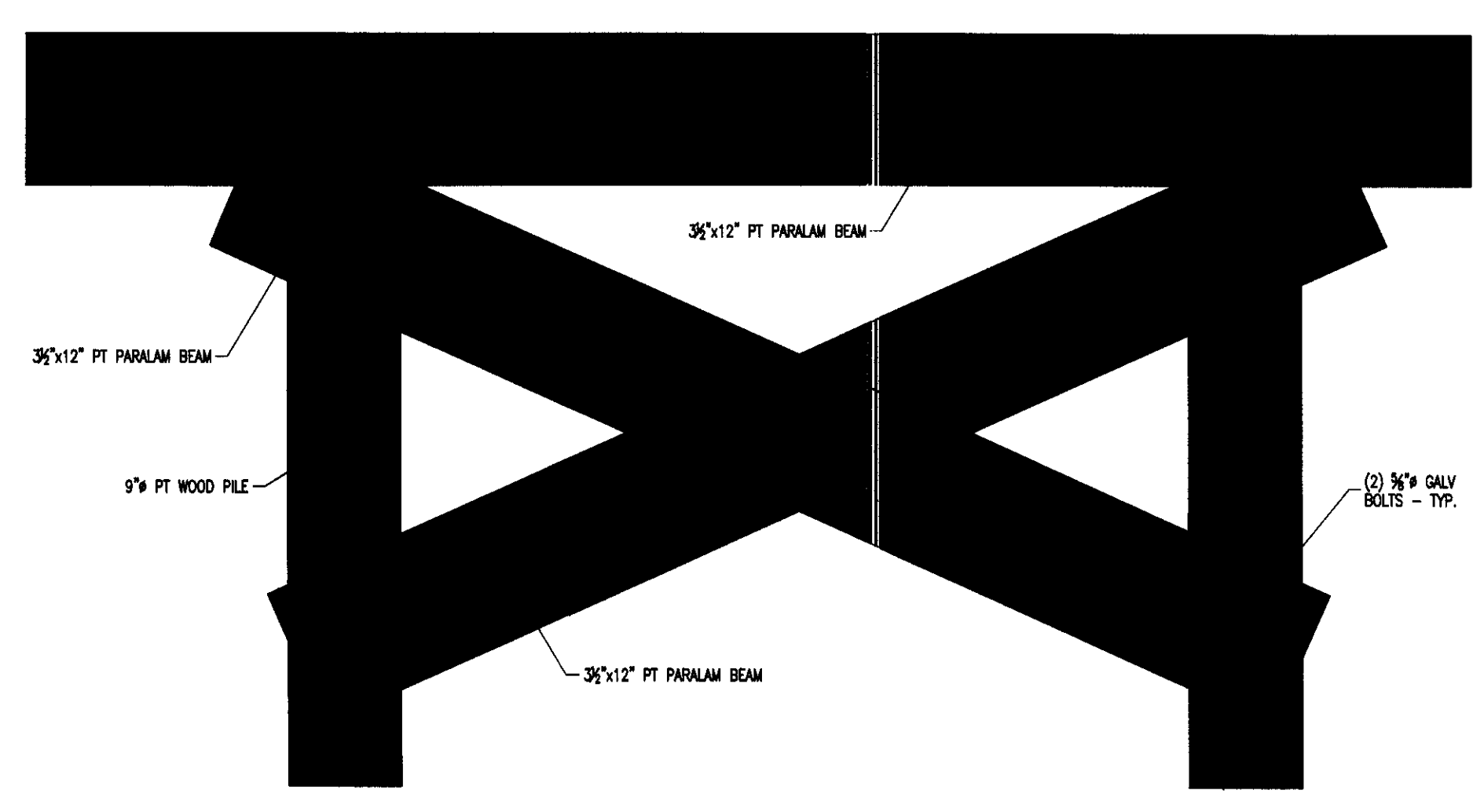


9" PILE DETAIL
N.T.S.

8" PILE DETAIL
N.T.S.



PILE SPICE DETAIL
SCALE: 1" = 1'-0"



PILE X-BRACING DETAIL
SCALE: 1" = 1'-0"

PROJECT: **UHAZIE COTTAGE**

424 Lake Mirror Dr
Lake Placid, FL 33852

CIVIL - STRUCTURAL - MARINE

CSM

ENGINEERING

CSM ENGINEERING, LLC
2081 SE OCEAN BOULEVARD - SUITE 1A
STUART, FLORIDA 34996
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CERTIFICATE OF AUTHORIZATION: 29057

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NOTES & COMMENTS

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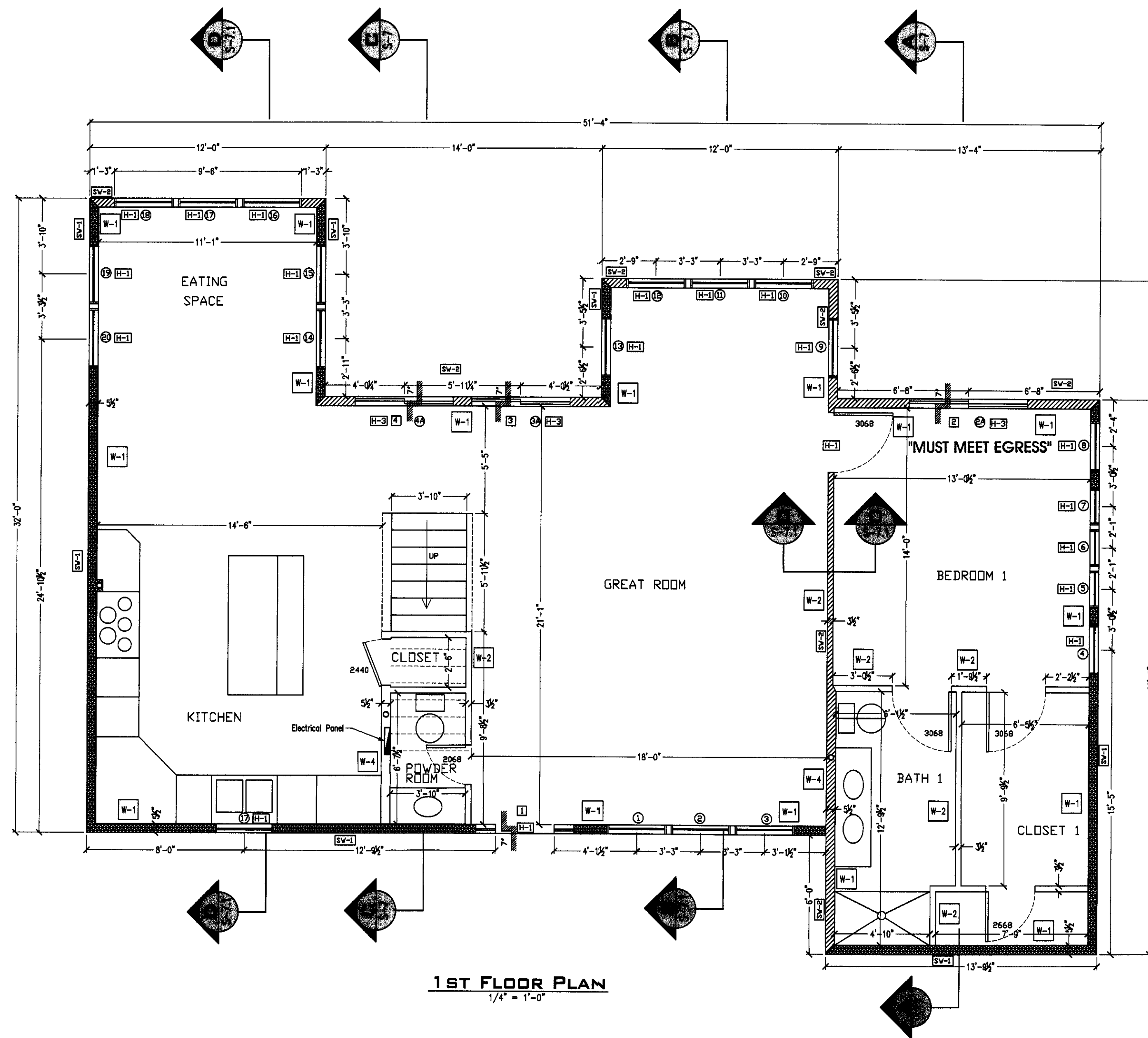
ALL SCALES INDICATED PERTAIN TO 24"x36" PLOTS

1	
2	
3	
4	
5	

DESIGNED BY: _____ DRAWN BY: _____
CHECKED BY: _____ PLOT DATE: 22-Sep-2015
X:\LAKE PLACID COTTAGE2
SCALE: AS SHOWN PROJECT #:

CHARLES A. DARDEN JR.
LICENSE No. 78910
STATE OF FLORIDA
PROFESSIONAL ENGINEER
DATE 9-21-15
FLORIDA REGISTERED PROFESSIONAL ENGINEER NO. 78910

SHEET NAME: Foundation Plan
SHEET #: S-1



1st FLOOR PLAN
1/4" = 1'-0"

WALL SCHEDULE

W-1	2x6 FRAMED EXTERIOR LOAD BEARING WALL FULL HEIGHT WITH STUDS AT 16" O.C. W/ SINGLE BOTTOM PLATE AND DOUBLE TOP PLATE. BOTTOM PLATE TO BE FASTENED WITH (3) 16d NAILS AT 16" O.C.
W-2	2x4 FRAMED INTERIOR NON-LOAD BEARING WALL FULL HEIGHT WITH STUDS AT 16" O.C. W/ SINGLE BOTTOM PLATE AND DOUBLE TOP PLATE. BOTTOM PLATE TO BE FASTENED WITH (2) 16d NAILS AT 16" O.C.
W-3	2x4 P.T. FRAMED EXTERIOR NON-LOAD BEARING WALL 3 FEET HIGH WITH STUDS AT 16" O.C. W/ SINGLE BOTTOM PLATE AND DOUBLE TOP PLATE. BOTTOM PLATE TO BE FASTENED WITH (2) 16d NAILS AT 16" O.C.
W-4	2x6 FRAMED INTERIOR NON-LOAD BEARING WALL FULL HEIGHT WITH STUDS AT 16" O.C. W/ SINGLE BOTTOM PLATE AND DOUBLE TOP PLATE. BOTTOM PLATE TO BE FASTENED WITH (2) 16d NAILS AT 16" O.C.

SHEAR WALL LEGEND

Wall Type	HATCH PATTERN	Nail Spacing at Edge	Nail Spacing at Field	Shear Capacity (lbs/ft.)
SW-1	[Pattern]	6" o.c.	6" o.c.	320
SW-2	[Pattern]	4" o.c.	6" o.c.	425
SW-3	[Pattern]	2.5" o.c.	4" o.c.	640
SW-4	[Pattern]	2" o.c.	3" o.c.	730

* Note:
All Wall Sheathing 1/2" OSB
All fasteners 10d

WINDOW SCHEDULE:

ROOM	WINDOW #	WINDOW SIZE (WxH)	TYPE	EGRESS	REMARKS	MANUFACTURER	PRODUCT APPROVAL NO.	EXPIRATION DATE	MIN. PEN. INTO SUBSTRATE	MIN. EDGE DISTANCE	MAX. DISTANCE FROM CORNER	INTERMEDIATE SPACING MAX.
GREAT ROOM	①	3050	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
GREAT ROOM	②	3050	SINGLE HUNG	YES	DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14604.4	2/28/2017	1-1/4"	1/2"	3"	16"
GREAT ROOM	③	3050	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
BEDROOM 1	④	2650	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
BEDROOM 1	⑤	1'10/20	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
BEDROOM 1	⑥	1'10/20	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
BEDROOM 1	⑦	1'10/20	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
BEDROOM 1	⑧	2650	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
GREAT ROOM	⑨	3056	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
GREAT ROOM	⑩	3056	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
GREAT ROOM	⑪	3056	SINGLE HUNG	YES	DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14604.4	2/28/2017	1-1/4"	1/2"	3"	16"
GREAT ROOM	⑫	3056	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
GREAT ROOM	⑬	3056	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
EATING SPACE	⑭	3060	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
EATING SPACE	⑮	3060	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
EATING SPACE	⑯	3060	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
EATING SPACE	⑰	3060	SINGLE HUNG	YES	DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14604.4	2/28/2017	1-1/4"	1/2"	3"	16"
EATING SPACE	⑱	3060	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
EATING SPACE	⑲	3060	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
EATING SPACE	⑳	3060	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
KITCHEN	㉑	2836	SINGLE HUNG		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14604.4	2/28/2017	1-1/4"	1/2"	3"	16"
BEDROOM 1	㉒	6010	TRANSOM		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
GREAT ROOM	㉓	5010	TRANSOM		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
GREAT ROOM	㉔	5010	TRANSOM		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"

DOOR SCHEDULE:

ROOM	DOOR #	WINDOW SIZE (WxH)	TYPE	EGRESS	REMARKS	MANUFACTURER	PRODUCT APPROVAL NO.	EXPIRATION DATE	MIN. P. INTO S	MIN. E. DISTANCE	MAX. I. FROM INTERM.	SPACING
GREAT ROOM	1	3068 (1080 SIDELITE)	SWNG W/ SIDELITES	YES	DOUBLE PANE, IMPACT	THERMA-TRU CORPORATION	FL# 12334.8	3/31/2016	1-5/8"	9/16"	6"	14"
BEDROOM 1	2	6088	SLIDING GLASS DOOR W/ TRANSOM	YES	DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14605-R3.3	5/31/2016	1-5/8"	9/16"	6"	14"
GREAT ROOM	3	5068	SLIDING GLASS DOOR W/ TRANSOM	YES	DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14605-R3.3	5/31/2016	1-5/8"	9/16"	6"	14"
GREAT ROOM	4	5068	SLIDING GLASS DOOR W/ TRANSOM	YES	DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14605-R3.3	5/31/2016	1-5/8"	9/16"	6"	14"

HEADER SCHEDULE

MARK	SIZE	NO. JACK STUDS	KING STUD	MAX LENGTH
H-1	(3) 2x8	1 EA. END	1 EA. END	6'-0"
H-2	(3) 2x8	2 EA. END	2 EA. END	6'-0"
H-3	(2) 1.75"x12" MICROLAM	3 EA. END	2 EA. END	6'-0"

NOTE: ALL HEADERS TO BE TYPE H-1 UNLESS OTHERWISE NOTED

ROOM FINISH SCHEDULE:

AREA	FLOOR	BASE	WALLS	CEILING
ENTRY	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
GREAT ROOM	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
POWDER ROOM	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
BATH 1	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
BEDROOM 1	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
CLOSET 1	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
EATING SPACE	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
KITCHEN	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
LAUNDRY CLOSET	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
STORAGE	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
A/C CLOSET	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
2nd FL OPEN SPACE	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
BEDROOM 2	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
BATH 2	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
BEDROOM 3	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
SITTING	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
MASTER BEDROOM	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
MASTER BATHROOM	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD

UHAZIE COTTAGE

424 Lake Mirror Dr
Lake Placid, FL 33852

CIVIL - STRUCTURAL - MARINE



CSM ENGINEERING, LLC
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CERTIFICATE OF AUTHORIZATION: 29057

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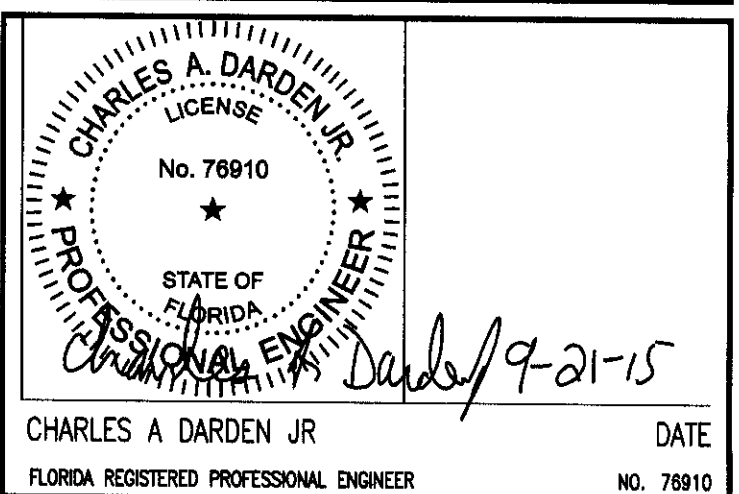
NOTES & COMMENTS

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ALL SCALES INDICATED PERTAIN TO 24"x36" PLOTS

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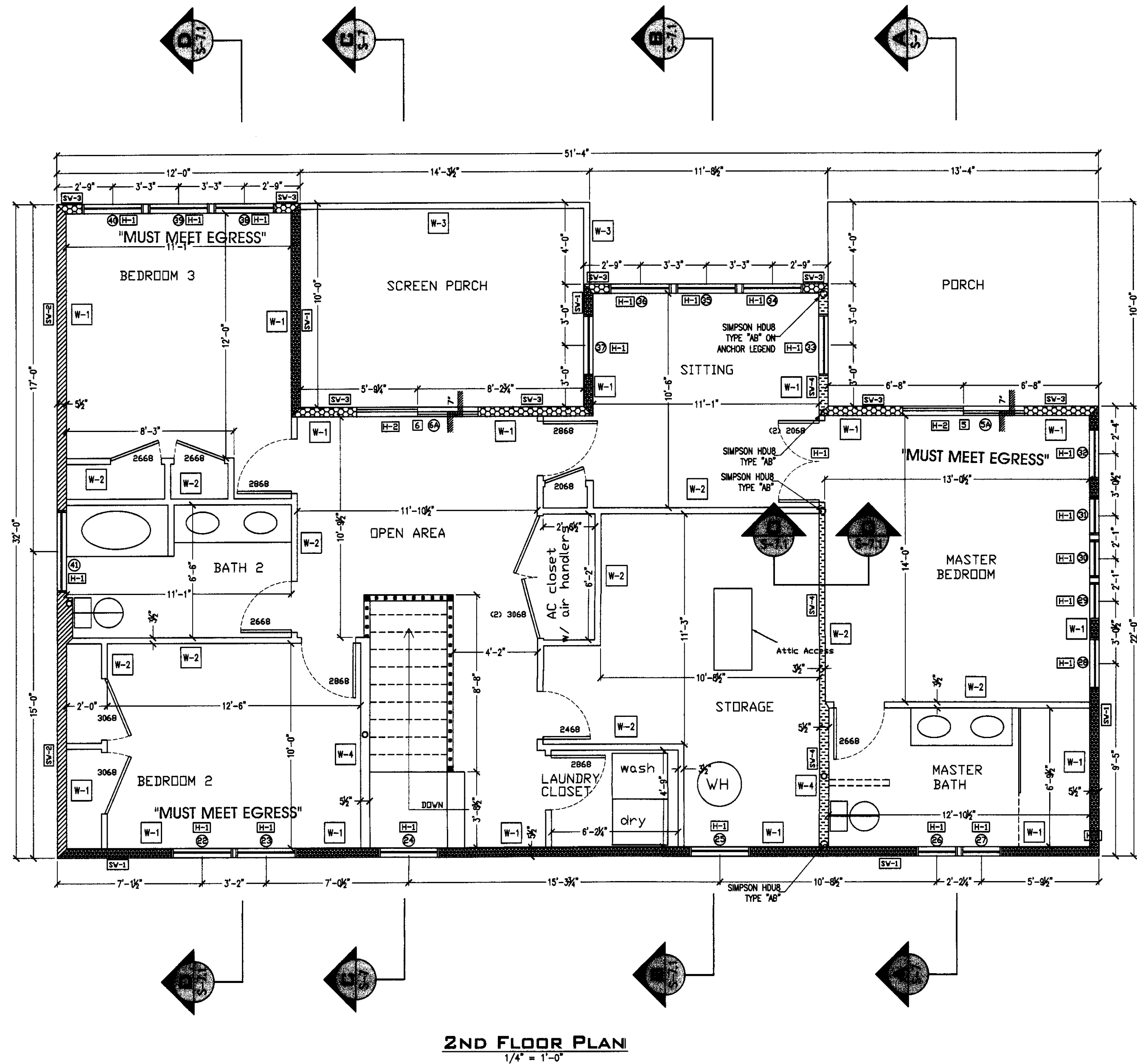
DESIGNED BY:	DRAWN BY:
CHECKED BY:	PLOT DATE: 22-Sep-2015
X:\LAKE PLACID COTTAGE2	
SCALE: AS SHOWN	PROJECT #:



CHARLES A. DARDEN JR. DATE
FLORIDA REGISTERED PROFESSIONAL ENGINEER NO. 78910

SHEET NAME: 1st Floor Plan

SHEET #: S-2

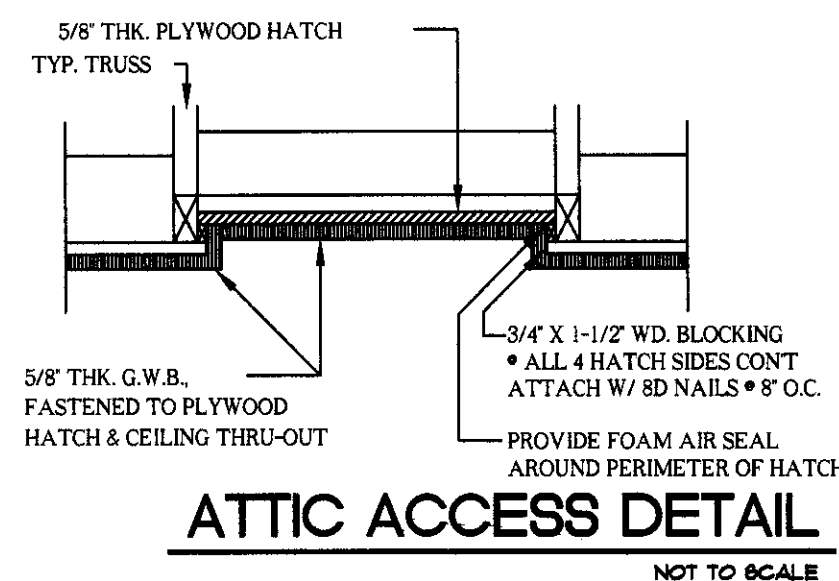


2ND FLOOR PLAN
1/4" = 1'-0"

WALL SCHEDULE	
W-1	2x6 FRAMED EXTERIOR LOAD BEARING WALL FULL HEIGHT WITH STUDS AT 16" O.C. W/ SINGLE BOTTOM PLATE AND DOUBLE TOP PLATE. BOTTOM PLATE TO BE FASTENED WITH (3) 16d NAILS 16" O.C.
W-2	2x4 FRAMED INTERIOR NON-LOAD BEARING WALL FULL HEIGHT, WITH STUDS AT 16" O.C. W/ SINGLE BOTTOM PLATE AND DOUBLE TOP PLATE. BOTTOM PLATE TO BE FASTENED WITH (2) 16d NAILS AT 16" O.C.
W-3	2x4 P.T. FRAMED EXTERIOR NON-LOAD BEARING WALL 3 FEET HIGH, WITH STUDS AT 16" O.C. W/ SINGLE BOTTOM PLATE AND DOUBLE TOP PLATE. BOTTOM PLATE TO BE FASTENED WITH (2) 16d NAILS AT 16" O.C.
W-4	2x6 FRAMED INTERIOR NON-LOAD BEARING WALL FULL HEIGHT, WITH STUDS AT 16" O.C. W/ SINGLE BOTTOM PLATE AND DOUBLE TOP PLATE. BOTTOM PLATE TO BE FASTENED WITH (2) 16d NAILS AT 16" O.C.

SHEAR WALL LEGEND				
Wall Type	HATCH PATTERN	Nail Spacing at Edge	Nail Spacing at Field	Shear Capacity (lbs./ft.)
SW-1	[Pattern]	6" o.c.	6" o.c.	320
SW-2	[Pattern]	4" o.c.	6" o.c.	425
SW-3	[Pattern]	25" o.c.	4" o.c.	640
SW-4	[Pattern]	2" o.c.	3" o.c.	730

* Note:
All Wall Sheathing 1/2" DS
All Fasteners 10d



ATTIC ACCESS DETAIL
NOT TO SCALE

WINDOW SCHEDULE:

ROOM	WINDOW #	WINDOW SIZE (WxH)	TYPE	EGRESS	REMARKS	MANUFACTURER	PRODUCT APPROVAL NO.	EXPIRATION DATE	FASTENER: #8 WOOD SCREW			
									MIN. PENETRATION INTO SUBSTRATE	MIN. EDGE DISTANCE	MAX. DISTANCE FROM CORNER	INTERMEDIATE SPACING MAX.
BEDROOM 2	22	3050	SINGLE HUNG	YES	DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14604.4	2/28/2017	1-1/4"	1/2"	3"	16"
BEDROOM 2	23	3050	SINGLE HUNG	YES	DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14604.4	2/28/2017	1-1/4"	1/2"	3"	16"
STAIR LANDING	24	3050	SINGLE HUNG	YES	DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14604.4	2/28/2017	1-1/4"	1/2"	3"	16"
STORAGE	25	3050	SINGLE HUNG	YES	DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14604.4	2/28/2017	1-1/4"	1/2"	3"	16"
MASTER BATH	26	2036	SINGLE HUNG		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14604.4	2/28/2017	1-1/4"	1/2"	3"	16"
MASTER BATH	27	2036	SINGLE HUNG		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14604.4	2/28/2017	1-1/4"	1/2"	3"	16"
MASTER BEDROOM	28	2850	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
MASTER BEDROOM	29	1/1020	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
MASTER BEDROOM	30	1/1020	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
MASTER BEDROOM	31	1/1020	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
MASTER BEDROOM	32	2850	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
SITTING	33	3056	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
SITTING	34	3056	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
SITTING	35	3056	SINGLE HUNG	YES	DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14604.4	2/28/2017	1-1/4"	1/2"	3"	16"
SITTING	36	3056	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
SITTING	37	3056	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
BEDROOM 3	38	3060	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
BEDROOM 3	39	3060	SINGLE HUNG	YES	DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14604.4	2/28/2017	1-1/4"	1/2"	3"	16"
BEDROOM 3	40	3060	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
BATH 2	41	4010	FIXED		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
MASTER BEDROOM	42	6010	TRANSOM		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"
OPEN AREA	43	5010	TRANSOM		DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14608.8	6/30/2020	1-1/4"	7/16"	6"	20"

DOOR SCHEDULE:

ROOM	DOOR #	WINDOW SIZE (WxH)	TYPE	EGRESS	REMARKS	MANUFACTURER	PRODUCT APPROVAL NO.	EXPIRATION DATE	FASTENER: #12 WOOD SCREW			
									MIN. PENETRATION INTO SUBSTRATE	MIN. EDGE DISTANCE	MAX. DISTANCE FROM CORNER	INTERMEDIATE SPACING MAX.
MASTER BEDROOM	5	6068 (6010 TRANSOM)	SLIPING GLASS DOOR W/ TRANSOM	YES	DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14605-R3.3	5/31/2016	1-5/8"	9/16"	6"	14"
OPEN AREA	6	5068 (5010 TRANSOM)	SLIPING GLASS DOOR W/ TRANSOM	YES	DOUBLE PANE, IMPACT	EASTERN ARCHITECTURAL SYSTEMS	FL# 14605-R3.3	5/31/2016	1-5/8"	9/16"	6"	14"

HEADER SCHEDULE

MARK	SIZE	NO. JACK STUDS	KING STUD	MAX LENGTH
H-1	(3) 2x8	1 EA. END	1 EA. END	6'-0"
H-2	(3) 2x8	2 EA. END	2 EA. END	6'-0"
H-3	(2) 1.75"x12" MICROLAM	3 EA. END	2 EA. END	6'-0"

NOTE: ALL HEADERS TO BE TYPE H-1 UNLESS OTHERWISE NOTED

ROOM FINISH SCHEDULE:

AREA	FLOOR	BASE	WALLS	CEILING
	WOOD	TILE	PAINT GRADE WOOD	PAINTED GYP. BOARD
ENTRY	✓	✓	✓	✓
GREAT ROOM	✓	✓	✓	✓
POWDER ROOM	✓	✓	✓	✓
BATH 1	✓	✓	✓	✓
BEDROOM 1	✓	✓	✓	✓
CLOSET 1	✓	✓	✓	✓
EATING SPACE	✓	✓	✓	✓
KITCHEN	✓	✓	✓	✓
LAUNDRY CLOSET	✓	✓	✓	✓
STORAGE	✓	✓	✓	✓
A/C CLOSET	✓	✓	✓	✓
2nd FL. OPEN SPACE	✓	✓	✓	✓
BEDROOM 2	✓	✓	✓	✓
BATH 2	✓	✓	✓	✓
BEDROOM 3	✓	✓	✓	✓
SITTING	✓	✓	✓	✓
MASTER BEDROOM	✓	✓	✓	✓
MASTER BATHROOM	✓	✓	✓	✓

PROJECT: **UHAZIE COTTAGE**

424 Lake Mirror Dr
Lake Placid, FL 33852

CIVIL - STRUCTURAL - MARINE



CSM ENGINEERING, LLC
2081 SE OCEAN BOULEVARD - SUITE 1A
STUART, FLORIDA 34996
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w: www.CSM-Eng.net
CERTIFICATE OF AUTHORIZATION: 29057

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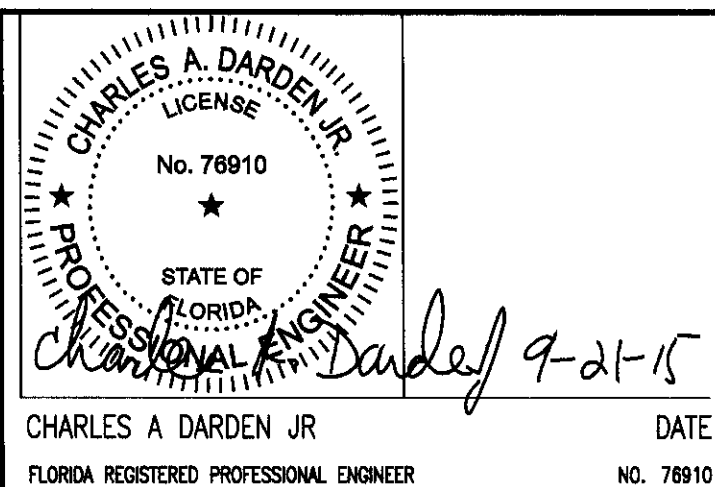
NOTES & COMMENTS

ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL DIMENSIONS.

ALL SCALES INDICATED PERTAIN TO 24"x36" PLOTS

1	
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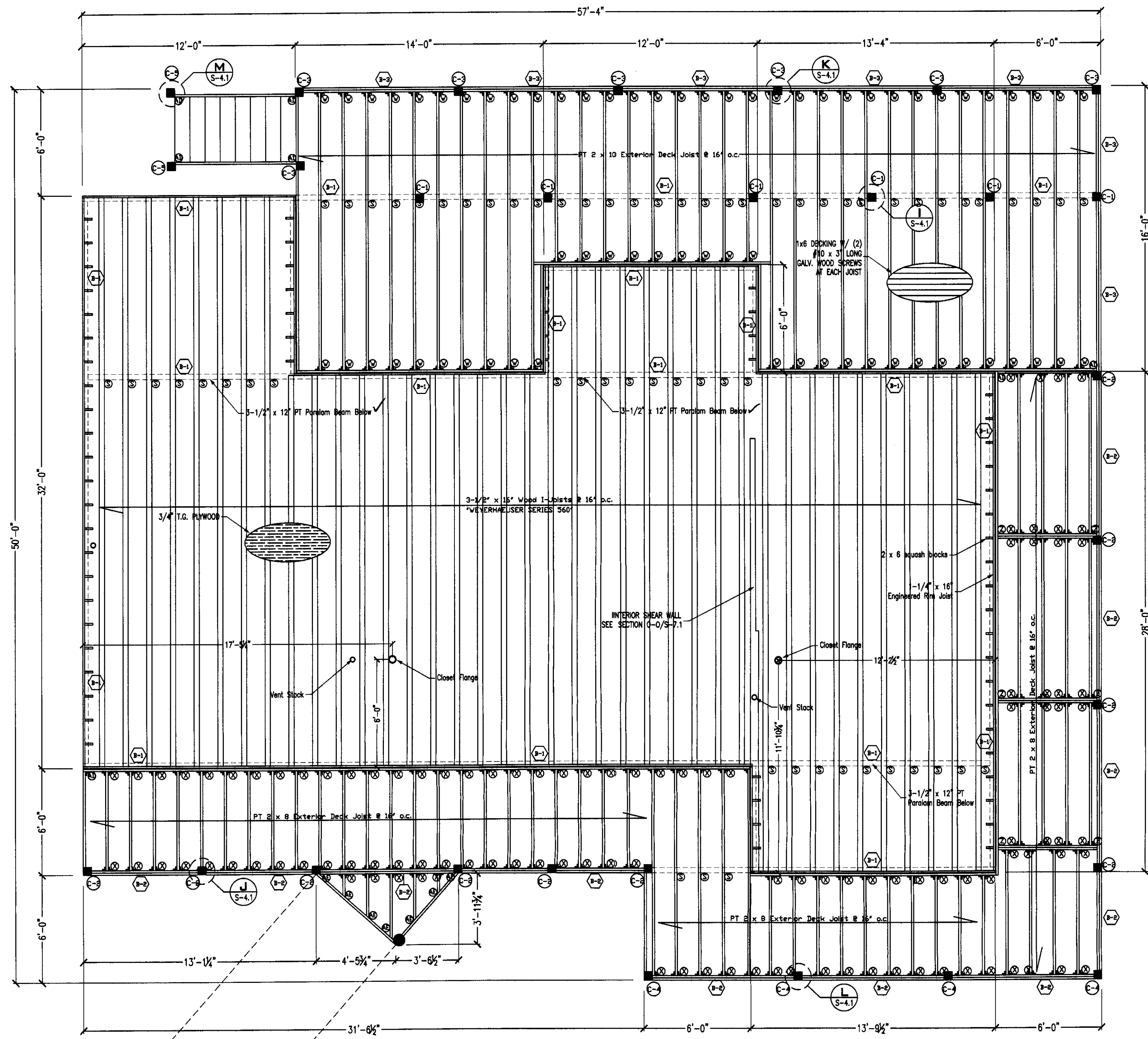
DESIGNED BY:	DRAWN BY:
CHECKED BY:	PLOT DATE: 22-Sep-2015
X:\LAKE PLACID COTTAGE2	
SCALE: AS SHOWN	PROJECT #:



CHARLES A. DARDEN JR. DATE
FLORIDA REGISTERED PROFESSIONAL ENGINEER NO. 76910

SHEET NAME: **2nd Floor Plan**

SHEET #: **S-3**



1st Floor Framing Plan
1/4" = 1'-0"

NAIL CONNECTION SCHEDULE
FOR SHEATHING & WOOD MEMBERS

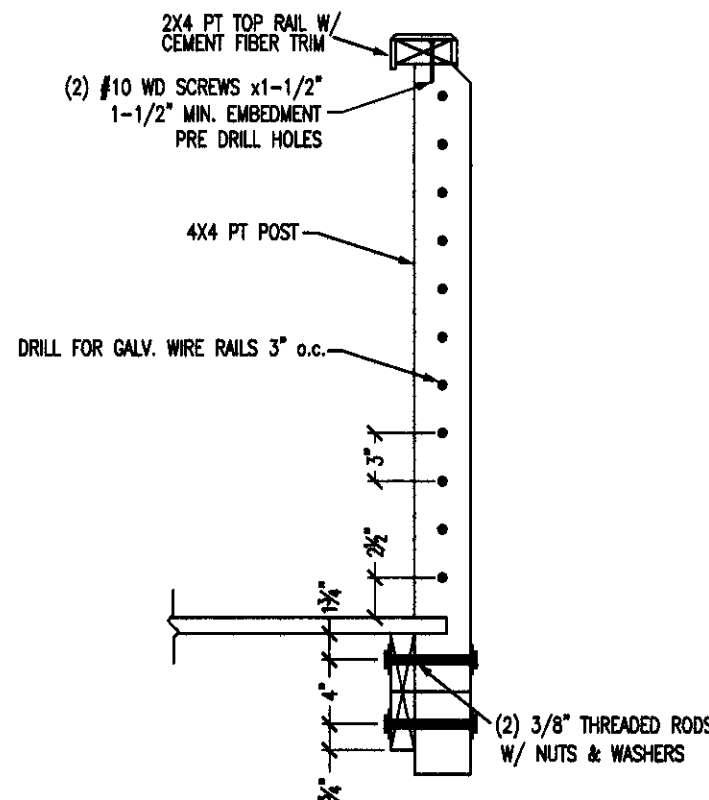
DESCRIPTION	MATERIAL	NAILS	SPACING or NUMBER
1st and 2nd sub-floor sheathing	3/4" T&G ply	8d	6" o.c.
Roof sheathing	5/8" ext. ply. exposure 1	8d ring	4" o.c.
Exterior wall sheathing	1/2" OSB	8d	4" o.c.
Sole plate to ext. wall studs	2 x 6 SYP, SPF	16d	3
Sole plate to ext. wall studs	2 x 6 SYP, SPF	16d	3
Double studs, face nail	2 x 6 SYP, SPF	16d	(2) 16" o.c.
Double top plates, face nail	2 x 6 SYP, SPF	16d	(2) 16" o.c.
Built-up corner studs, face nail	2 x 6 SYP, SPF	16d	24" o.c.

COLUMN SCHEDULE

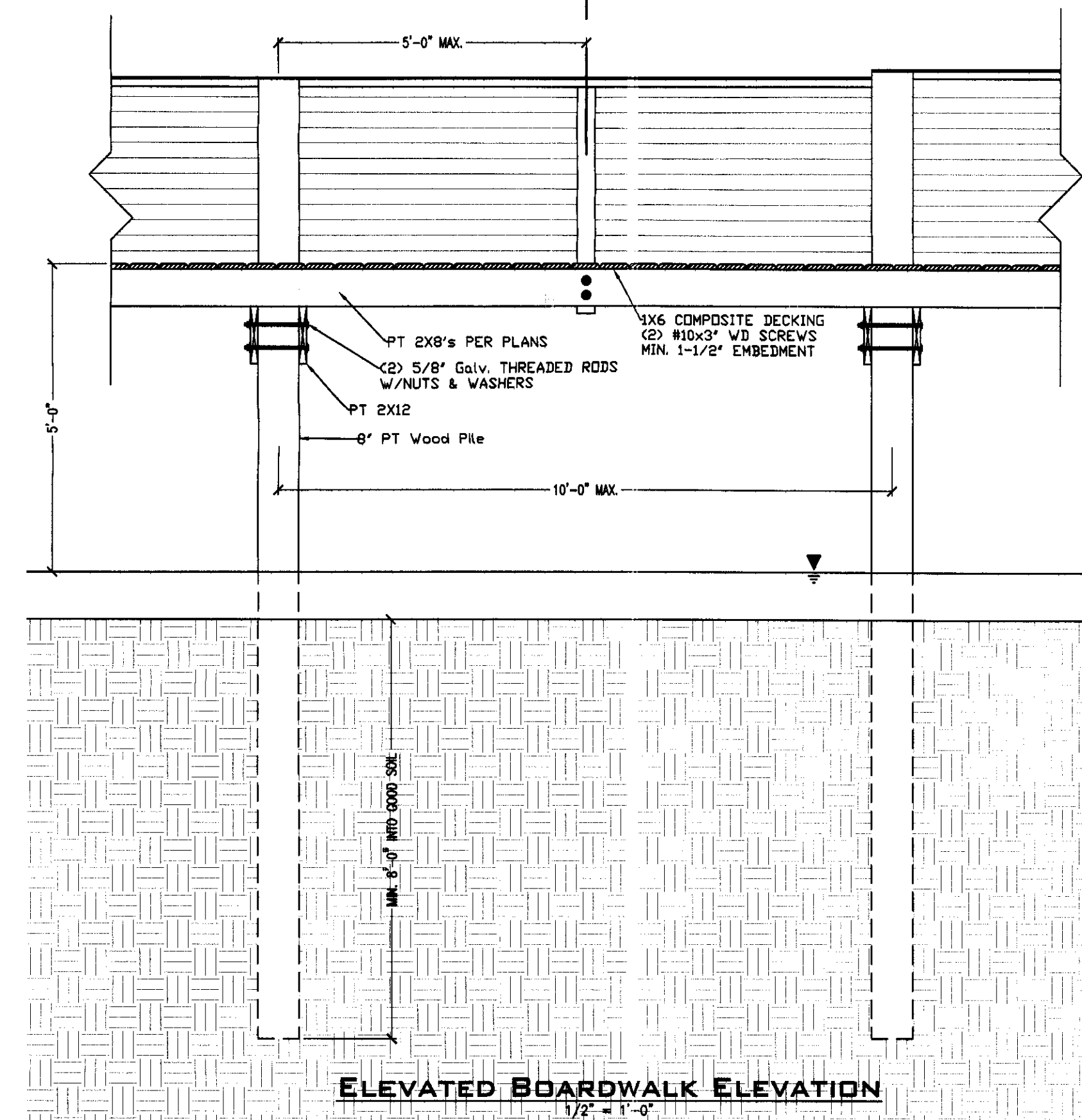
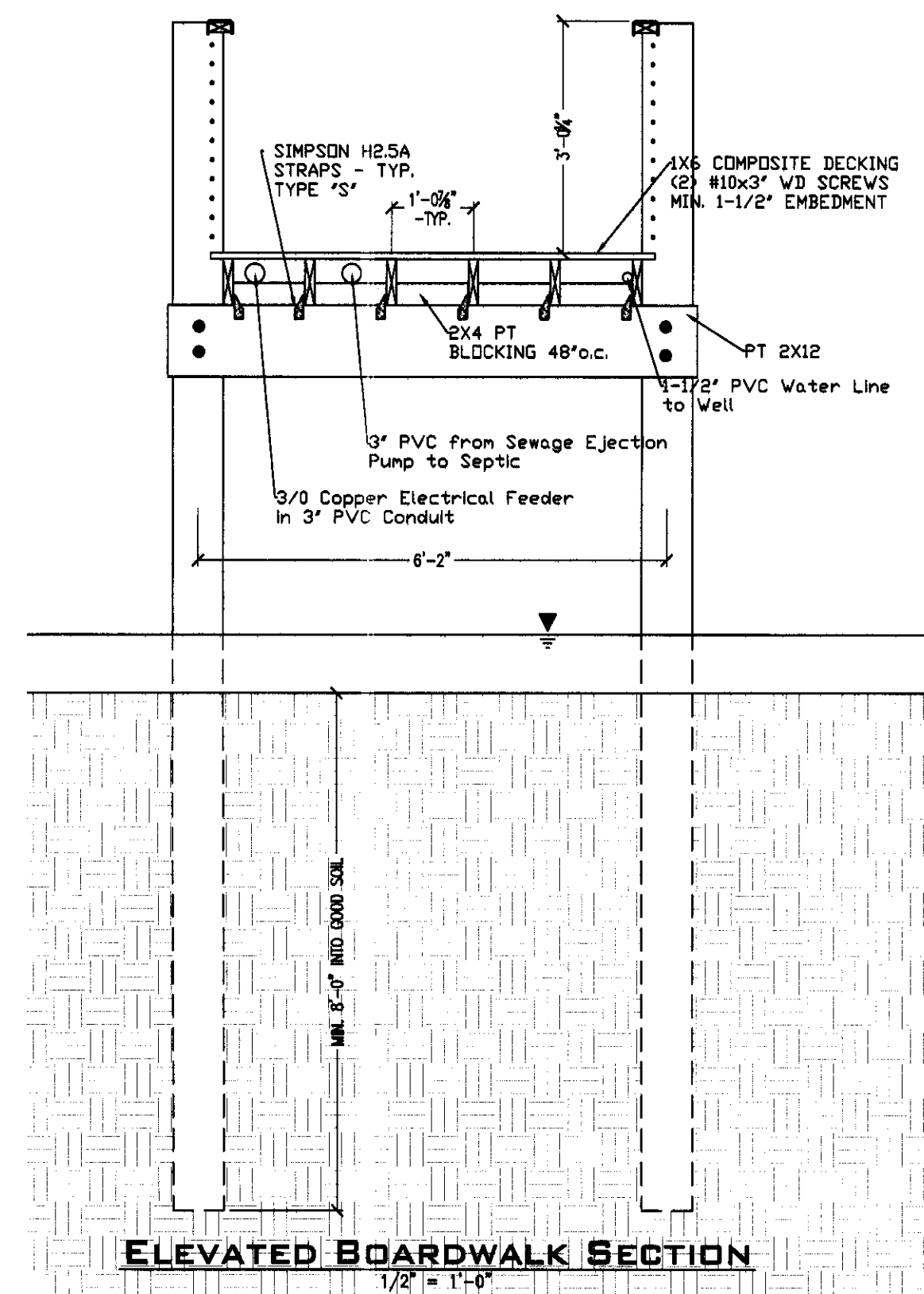
ID	DESCRIPTION	NAILS	TOTAL LENGTH
(3)	PT 2x6 w/ 1/2" PT PLYWOOD	(3) 16d @ 12" o.c.	21'-11 1/2"
(3)	PT 2x6	(3) 16d @ 12" o.c.	10'-3-3/4"
(3)	PT 2x4	(2) 16d @ 12" o.c.	3'-10"
(3)	PT 2x4	(2) 16d @ 12" o.c.	3'-8"
(3)	PT 2x4	(2) 16d @ 12" o.c.	6'-8-1/2"

CONNECTOR LEGEND

MARK	SIMPSON CONNECTOR	UPLIFT	GRAVITY	QUANTITY, SIZE, TYPE
(A)	H56-2	1470	—	(2) 10d-1 1/2" NAILS TO TRUSS (10) 10d-1 1/2" NAILS TO WALL
(B)	MTS20 & MTS24C	2000	—	(14) 10d-1 1/2" NAILS TO TRUSS (14) 10d-1 1/2" NAILS TO WALL
(C)	LGT4N-SDB3	4060	—	(16) SDS 1/4"x3" WOOD SCREWS TO TRUSS (10) 10d-1 1/2" NAILS TO WALL
(D)	MTS20	1000	—	(14) 10d-1 1/2" NAILS TO TRUSS (14) 10d-1 1/2" NAILS TO WALL
(E)	MTS30	1000	—	(14) 10d-1 1/2" NAILS TO TRUSS (14) 10d-1 1/2" NAILS TO WALL
(F)	MTS24	2000	—	(14) 10d-1 1/2" NAILS TO TRUSS (14) 10d-1 1/2" NAILS TO WALL
(G)	THJAB6	JACK BACK 670 HIP 720	—	(4) 10d-1 1/2" NAILS TO JACK TRUSS (20) 16d NAILS TO GIRDER TRUSS (20) 16d NAILS TO GIRDER TRUSS
(H)	HTU26-2046v	1250	2940	(14) 10d-1 1/2" NAILS TO JACK TRUSS (14) 10d-1 1/2" NAILS TO WALL
(I)	TJC37 (Max)	580	—	(6) 8d-1 1/2" NAILS TO CARRYING MEMBER (12) 8d-1 1/2" NAILS TO CARRIED MEMBER
(J)	SPH68	1360	—	(10) 10d NAILS TO STUD
(K)	LSTA24	2470	—	(10) 10d NAILS TO STUD
(L)	LSTA24	1630	—	(10) 10d NAILS TO STUD
(M)	CS18	1370	—	(10) 8d NAILS TO STUD
(N)	CS16	1705	—	(22) 8d NAILS TO STUD
(O)	MSTC48B3	3975	—	(12) 10d NAILS BEAM FACE (4) 10d NAILS BEAM BOTTOM (38) 10d NAILS TO STUD
(P)	HGU5410	4095	9100	(48) 16d NAILS TO CARRYING MEMBER (16) 16d NAILS TO CARRIED MEMBER
(Q)	HUCD410-SDS	2510	4680	(12) SDS1/4"x2-1/2" FACE (6) SDS1/4"x2-1/2" JOIST
(R)	LSBU20	875	1110	(10) 10d FACE (7) 10d-1 1/2" RAFTER
(S)	H5A	600	—	(5) 8d JOIST (5) 8d BEAM
(T)	HUCD10-2-SDS	2510	4680	(12) SDS1/4"x2-1/2" FACE (6) SDS1/4"x2-1/2" JOIST
(U)	L70	740	485	(8) 10d-1 1/2" TO STRINGER & HEADER
(V)	STB15	660	—	(10) 16d
(W)	LUS20	1165	1445	(10) 10d BEAM (4) 10d I-JOIST
(X)	LUS28	1165	1800	(6) 10d BEAM (4) 10d JOIST
(Y)	LUS3.56/16	75	1725	(16) 10d BEAM
(Z)	LUS20-2	1745	1830	(10) 16d BEAM (6) 16d I-JOIST
(AA)	HD4	4565	—	(10) SDS1/4"x2-1/2"
(AB)	HD48	7870	—	(20) SDS1/4"x2-1/2"
(AC)	TJC57	990	990	(12) SD9112 SCREWS LEDGER (12) SD9112 SCREWS HIP RAFTER
(AD)	A35	595	—	(10) 8d-1 1/2"
(AE)	L370	595	—	(10) 10d-1 1/2"
(AF)	HU414-2/HUC414-2	2695	3870	(26) 16d FACE (12) 16d I-JOIST



DETAIL N: BOARDWALK INTERMEDIATE POST
1" = 1'-0"



ELEVATED BOARDWALK ELEVATION
1/2" = 1'-0"

PLYWOOD FLOOR NAILING DETAIL
1/2" = 1'-0"

PROJECT: **UHAZIE COTTAGE**

424 Lake Mirror Dr
Lake Placid, FL 33852

CIVIL - STRUCTURAL - MARINE

CSM

ENGINEERING

CSM ENGINEERING, LLC
2081 SE OCEAN BOULEVARD - SUITE 1A
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ALL SCALES INDICATED PERTAIN TO 24"x36" PLOTS

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DESIGNED BY: _____ DRAWN BY: _____

CHECKED BY: _____ PLOT DATE: 22-Sep-2015

X:\LAKE PLACID COTTAGE2

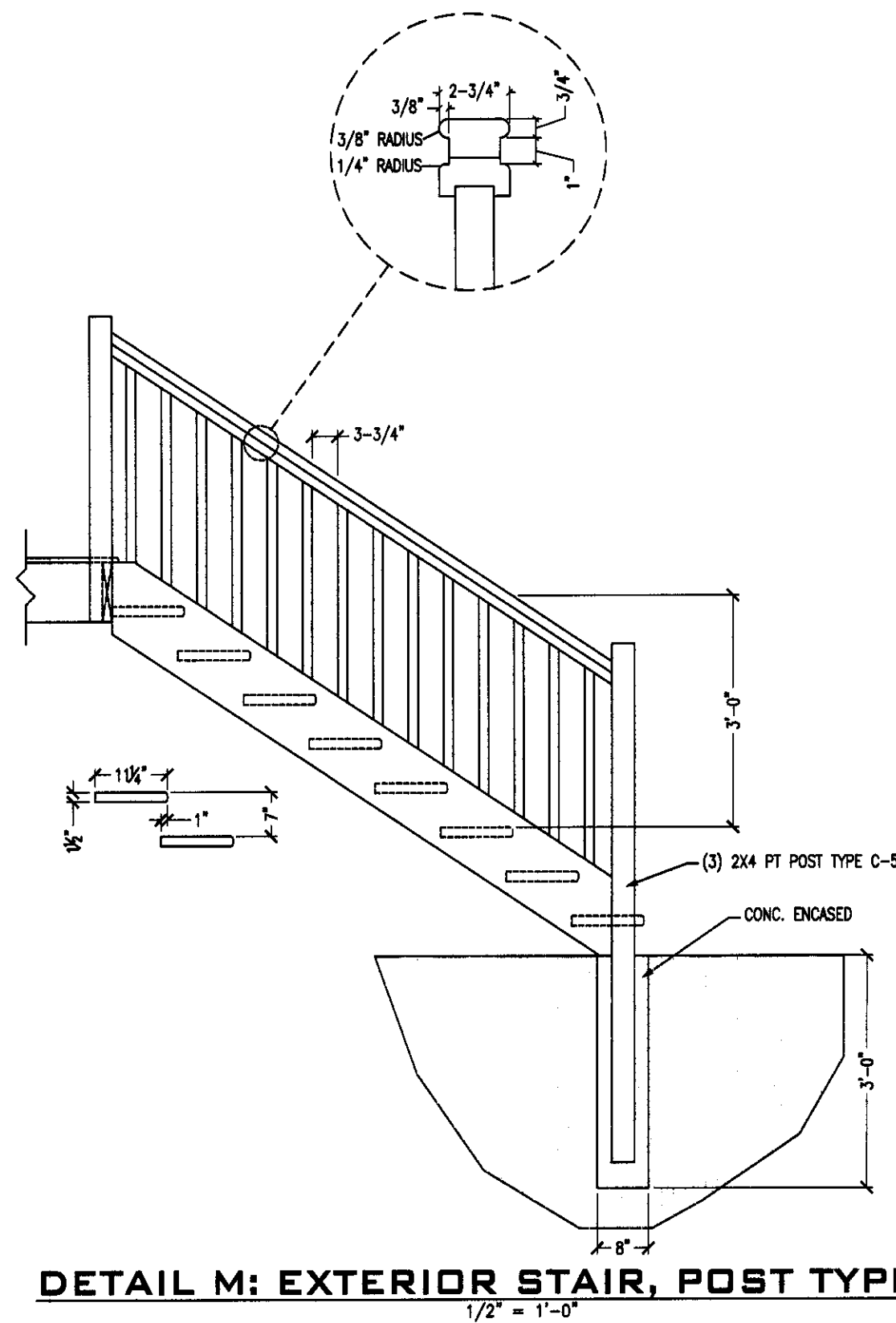
SCALE: AS SHOWN PROJECT #:

CHARLES A. DARDEN JR.
FLORIDA REGISTERED PROFESSIONAL ENGINEER
No. 76910

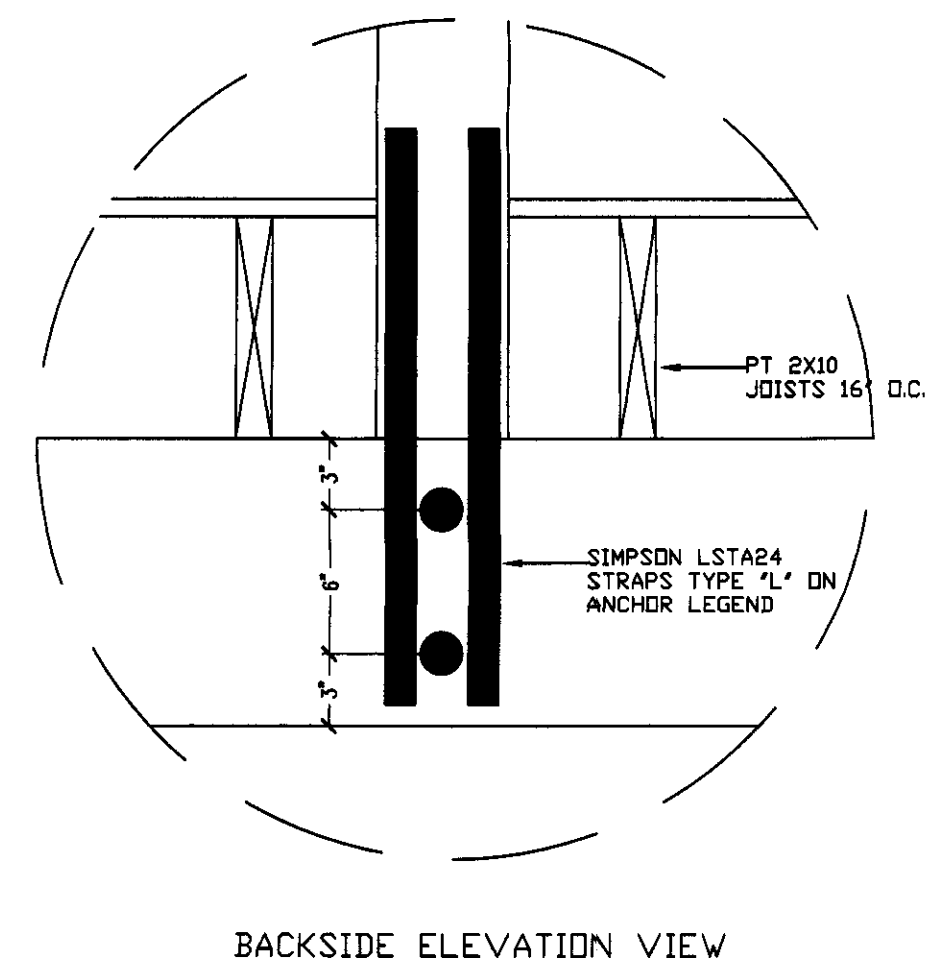
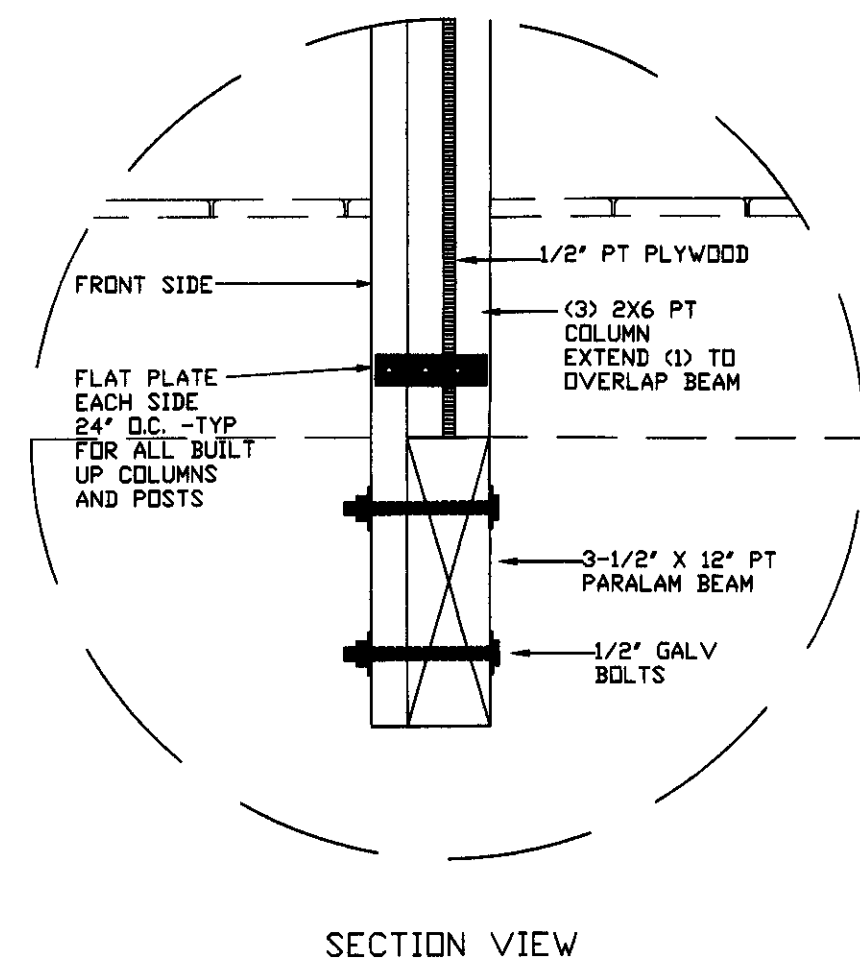
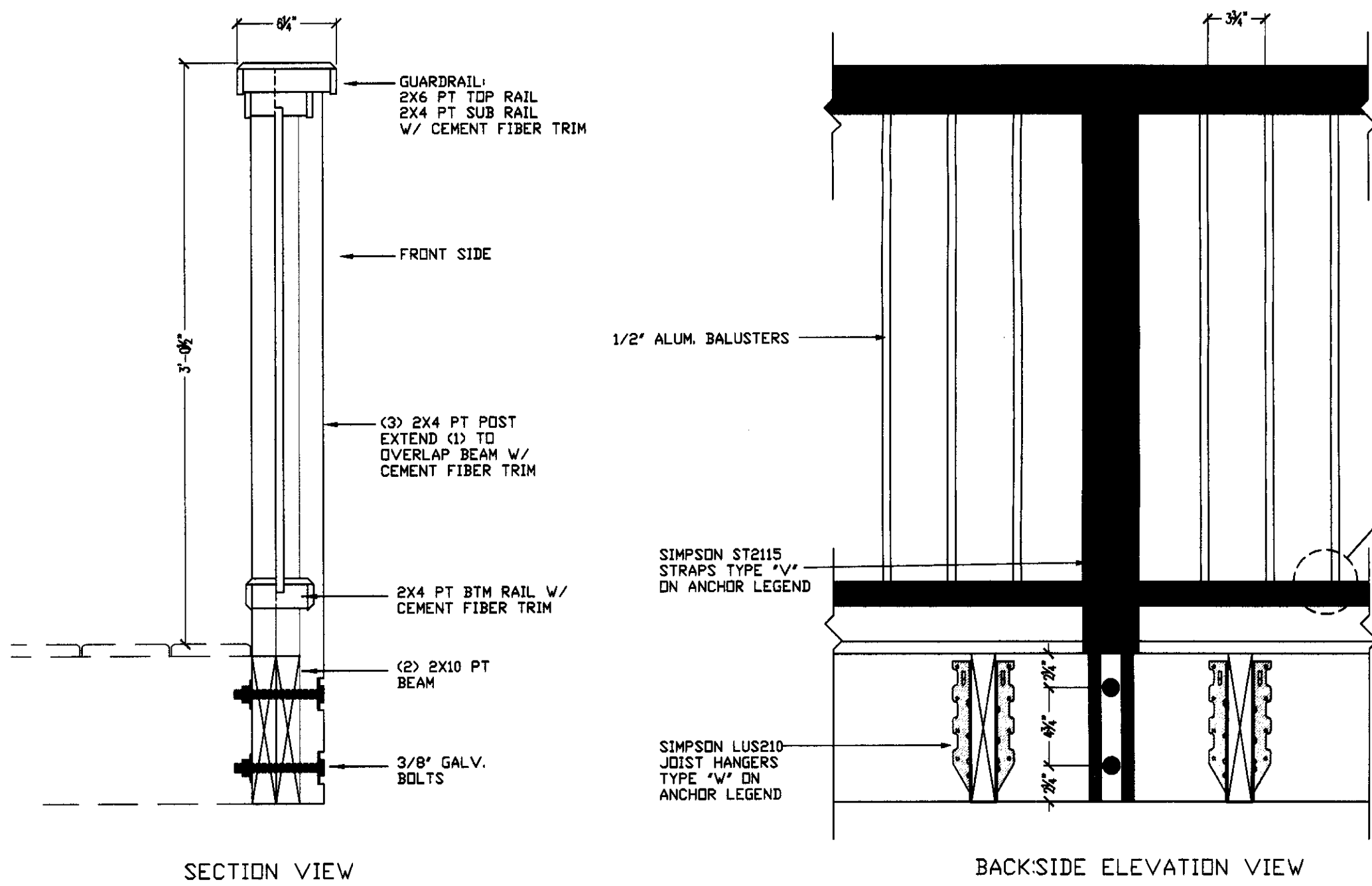
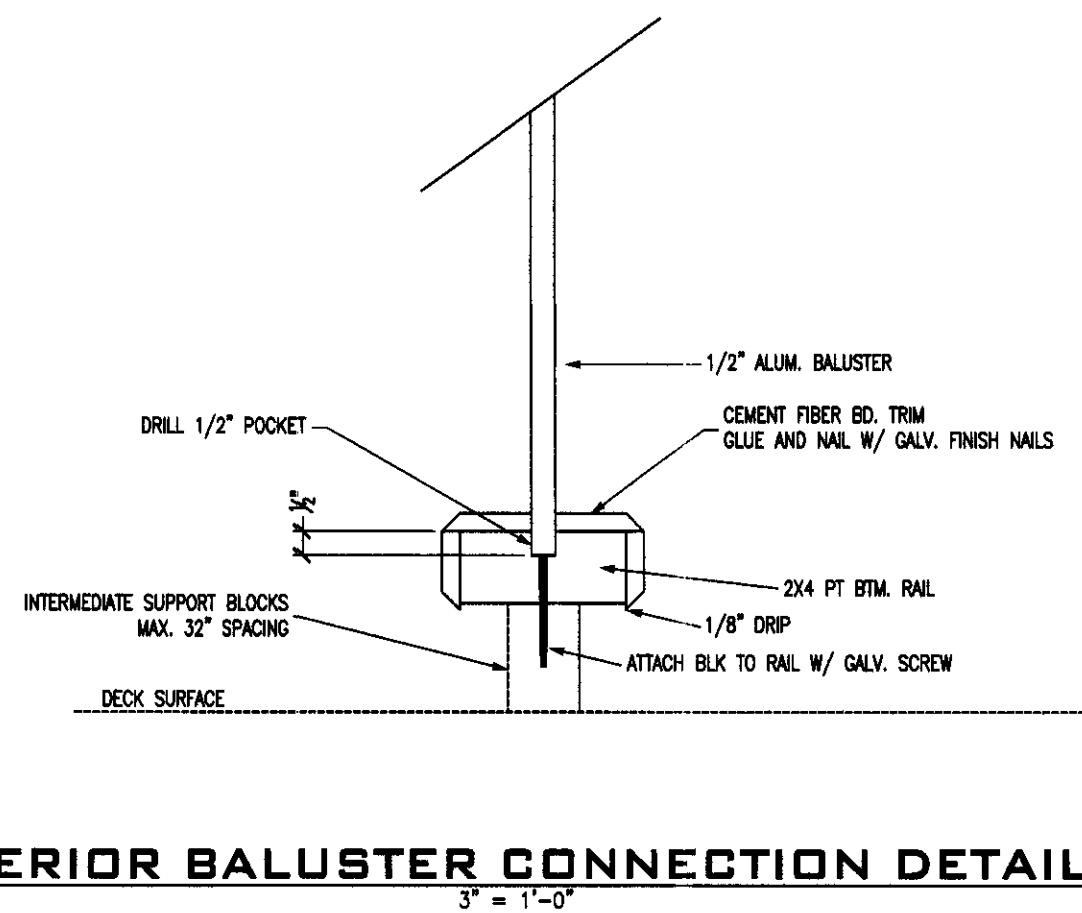
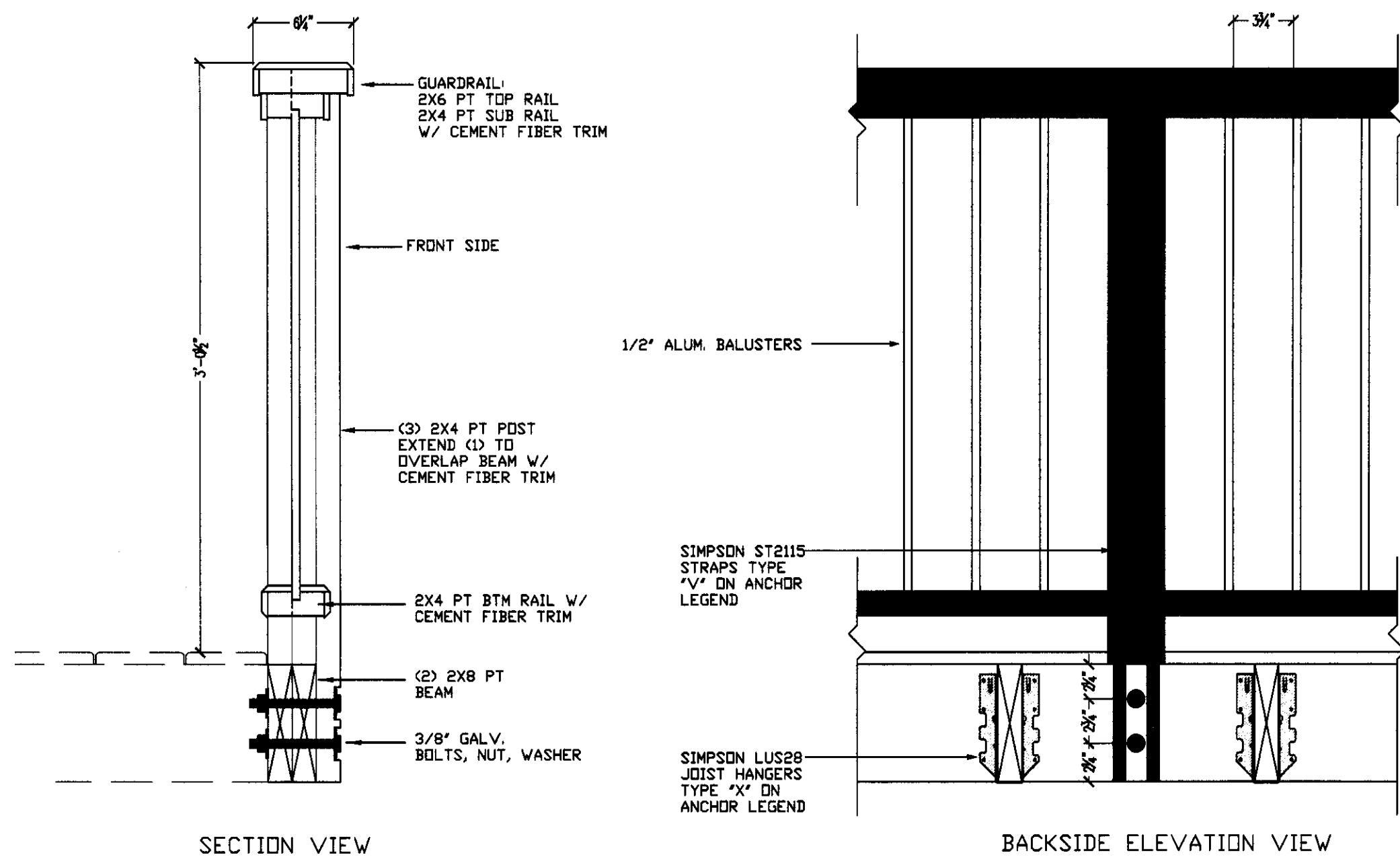
DATE: 9-21-15

SHEET NAME: 1st Floor Framing Plan

SHEET #: S-4



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 MEMBER
 CONCENTRATED LOAD:
 200 LBS APPLIED IN ANY
 DIRECTION AND ALONG ANY
 POINT OF THE MEMBER
 THE ABOVE LOADING
 CONDITIONS ARE ASSUMED
 TO ACT INDIVIDUALLY
HANDRAIL LOADING



PROJECT:
UHAZIE COTTAGE

 424 Lake Mirror Dr
 Lake Placid, FL 33852

CIVIL - STRUCTURAL - MARINE

CSM ENGINEERING
 CSM ENGINEERING, LLC
 2081 SE OCEAN BOULEVARD - SUITE 1A
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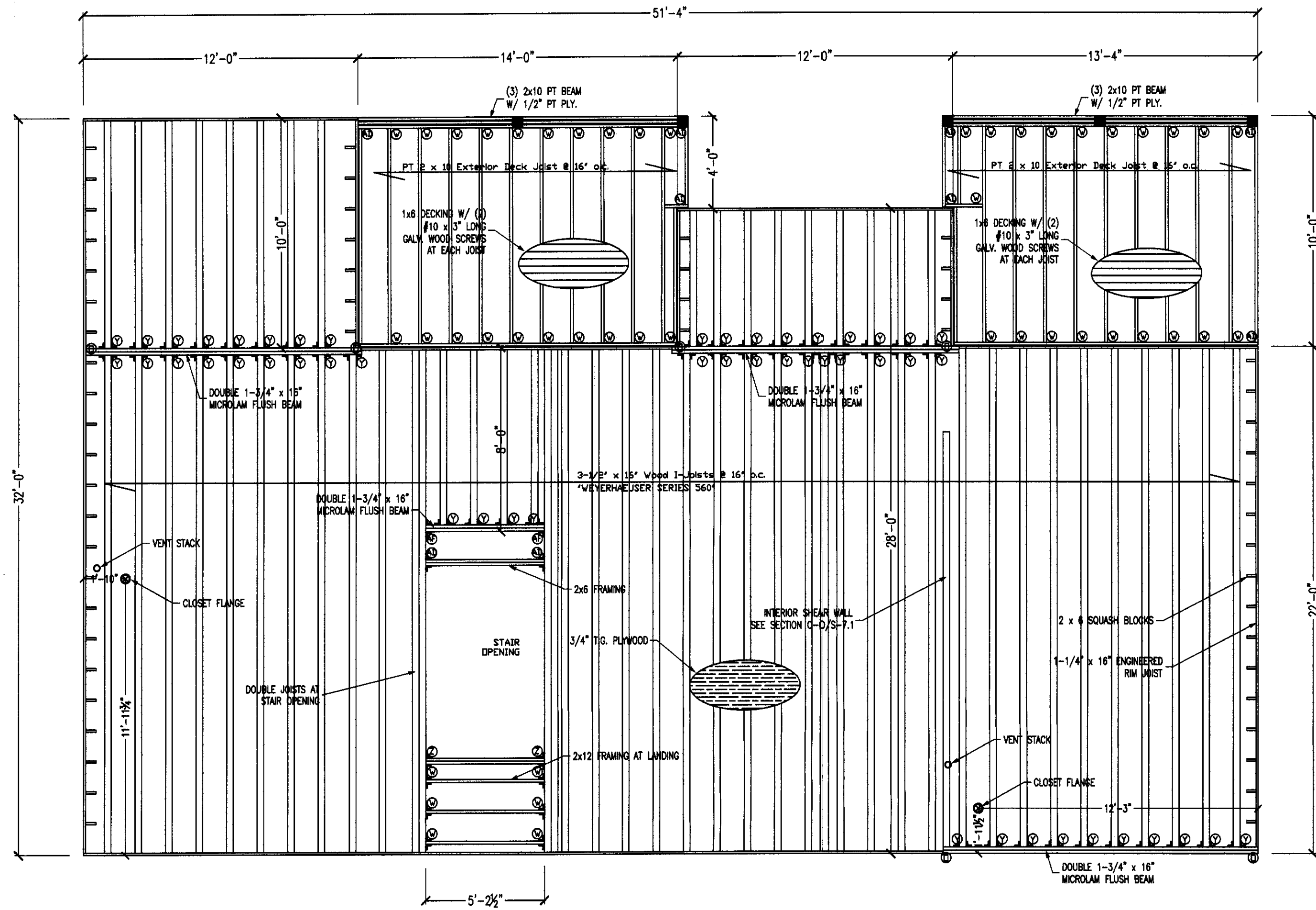
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 ALL SCALES INDICATED PERTAIN TO 24"x36" PLOTS

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DESIGNED BY:	DRAWN BY:
CHECKED BY:	PLOT DATE: 22-Sep-2015
X:\LAKE PLACID COTTAGE2	
SCALE: AS SHOWN	PROJECT #:

Charles A. Darden Jr.
 DATE: 9-21-15
 FLORIDA REGISTERED PROFESSIONAL ENGINEER NO. 78910

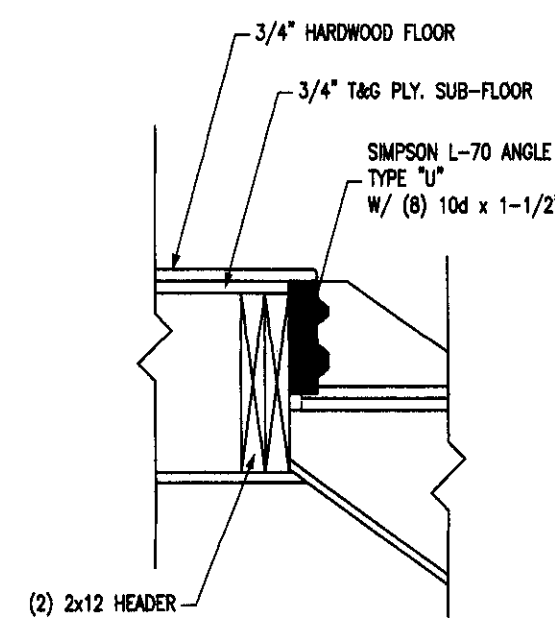
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 SHEET #: S-4.1



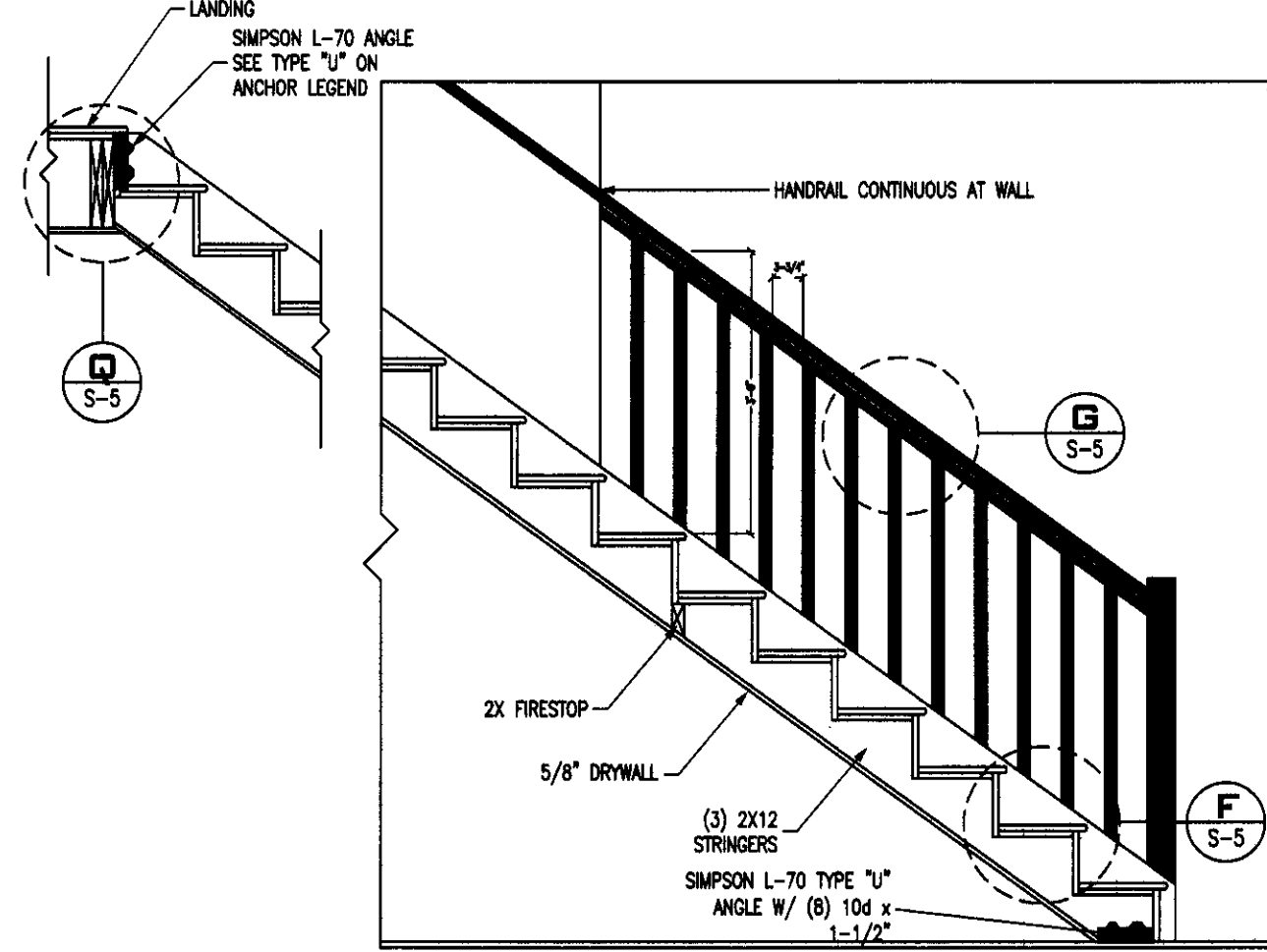
2ND FLOOR FRAMING PLAN
1/4" = 1'-0"

CONNECTOR LEGEND

MARK	SIMPSON CONNECTOR	UPLIFT	GRAVITY	QUANTITY, SIZE, TYPE
A	H16-2	1470	---	(2) 10d x 1-1/2" NAILS TO TRUSS (10) 10d x 1-1/2" NAILS TO WALL
B	MTS20 & MTS24C	2000	---	(14) 10d x 1-1/2" NAILS TO TRUSS (14) 10d x 1-1/2" NAILS TO WALL
C	LGT4N-SDS3	4060	---	(16) SDS 1/4" x 3" WOOD SCREWS TO TRUSS (10) 10d x 1-1/2" NAILS TO WALL
D	MTS20	1000	---	(14) 10d x 1-1/2" NAILS TO TRUSS (14) 10d x 1-1/2" NAILS TO WALL
E	MTS30	1000	---	(14) 10d x 1-1/2" NAILS TO TRUSS (14) 10d x 1-1/2" NAILS TO WALL
F	(2) MTS24	2000	---	(14) 10d x 1-1/2" NAILS TO TRUSS (14) 10d x 1-1/2" NAILS TO WALL
G	THJA26	JACK 840 HIP 750	JACK 670 HIP 650	(2) 10d x 1-1/2" NAILS TO JACK TRUSS (2) 10d x 1-1/2" NAILS TO HIP TRUSS (20) 16d NAILS TO GIRDER TRUSS (14) 10d x 1-1/2" NAILS TO JACK TRUSS
H	HTU26-20H10	1250	2940	(20) 16d NAILS TO GIRDER TRUSS (14) 10d x 1-1/2" NAILS TO JACK TRUSS
I	TJC37 (H6x)	580	---	(6) 8d x 1-1/2" NAILS TO CARRYING MEMBER (12) 8d x 1-1/2" NAILS TO CARRIED MEMBER
J	SPH6R	1360	---	(12) 10d x 1-1/2" NAILS TO STUD
K	(2) LSTA24	2470	---	(12) 10d NAILS TO STUD
L	(1) LSTA24	1235	---	(12) 10d NAILS TO STUD
M	CS16	1370	---	(12) 8d NAILS TO STUD
N	CS16	1795	---	(20) 8d NAILS TO STUD
O	(2) MSTC48B3	3975	---	(12) 10d NAILS BEAM FACE (4) 10d NAILS BEAM BOTTOM (38) 16d NAILS TO STUD
P	HGS410	4095	9100	(46) 16d NAILS TO CARRYING MEMBER (16) 16d NAILS TO CARRIED MEMBER
Q	HUC410-SDS	2510	4680	(12) SDS1/4" x 2-1/2" FACE (6) SDS1/4" x 2-1/2" JOIST
R	LSSU210	875	1110	(10) 10d FACE (7) 10d x 1-1/2" RAFTER
S	HE5A	600	---	(3) 8d JOIST (3) 8d BEAM
T	HUC210-2-SSS	2510	4680	(12) SDS1/4" x 2-1/2" FACE (6) SDS1/4" x 2-1/2" JOIST
U	L70	740	485	(8) 10d x 1-1/2" TO STRINGER & HEADER
V	STB13	660	---	(10) 16d
W	LUS210	1165	1445	(10) 10d BEAM (4) 10d 1-JOIST
X	LUS28	1165	1200	(6) 10d BEAM (4) 10d JOIST
Y	LUS356/16	75	1725	(16) 10d BEAM
Z	LUS210-2	1745	1830	(16) 16d BEAM (6) 16d 1-JOIST
AA	H04	4565	---	(10) SDS1/4" x 2-1/2"
AB	H04R	7870	---	(20) SDS1/4" x 2-1/2"
AC	TJC37	990	990	(12) SPS112 SCREWS LEDGER (12) SPS112 SCREWS HIP RAFTER
AD	A25	595	---	(12) 8d x 1-1/2"
AE	LS70	595	---	(10) 10d x 1-1/2"
AF	HU414-2/HUC414-2	2695	3870	(26) 16d FACE (12) 16d 1-JOIST

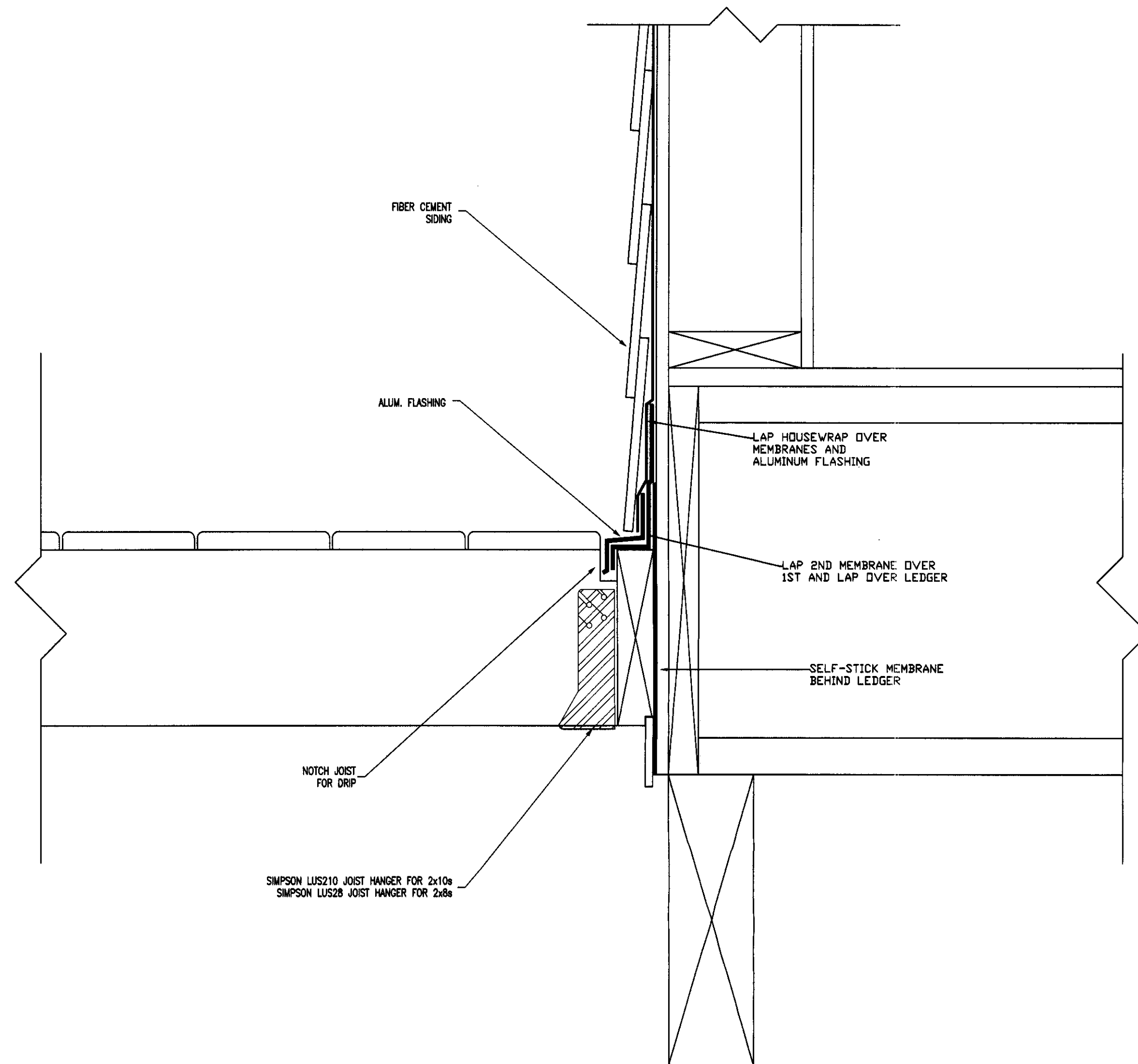


STAIR TO LANDING DETAIL Q
1" = 1'-0"



INTERIOR STAIR DETAIL E
1/2" = 1'-0"

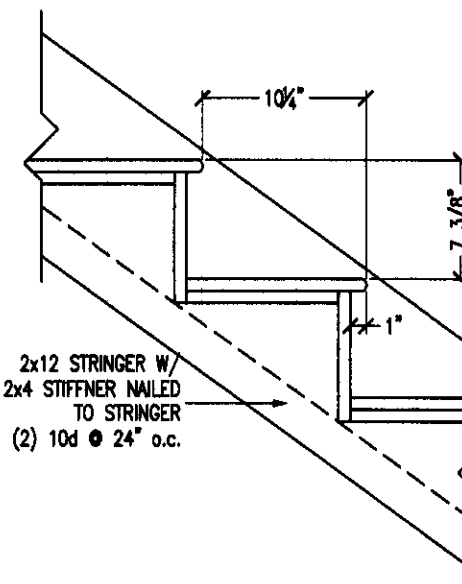
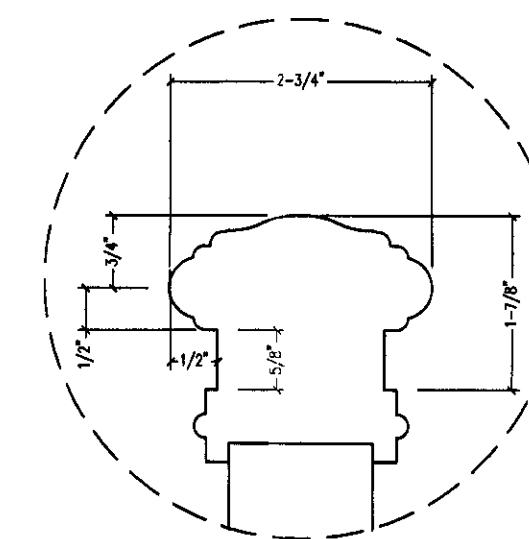
PLYWOOD FLOOR NAILING DETAIL
1/2" = 1'-0"



EXTERIOR DECK FLASHING DETAIL H
3" = 1'-0"

COLUMN SCHEDULE

ID	DESCRIPTION	NAILS	TOTAL LENGTH
(3)	(3) PT 2x6 W/ 1/2" PT PLYWOOD	(3) 16d @ 12" o.c.	21'-11-1/2"
(3)	(3) PT 2x6	(3) 16d @ 12" o.c.	10'-3-3/4"
(3)	(3) PT 2x4	(2) 16d @ 12" o.c.	3'-10"
(3)	(3) PT 2x4	(2) 16d @ 12" o.c.	3'-8"
(3)	(3) PT 2x4	(2) 16d @ 12" o.c.	6'-8-1/2"



TREAD RISER DETAIL F
1" = 1'-0"

HANDRAIL PROFILE DETAIL G
1" = 1'-0"

2ND FLOOR FRAMING PLAN

424 Lake Mirror Dr
Lake Placid, FL 33852

CIVIL - STRUCTURAL - MARINE



CSM ENGINEERING, LLC
2081 SE OCEAN BOULEVARD - SUITE 1A
STUART, FLORIDA 34996
o: 772-220-4601
w: www.CSM-E.net
CERTIFICATE OF AUTHORIZATION: 29057

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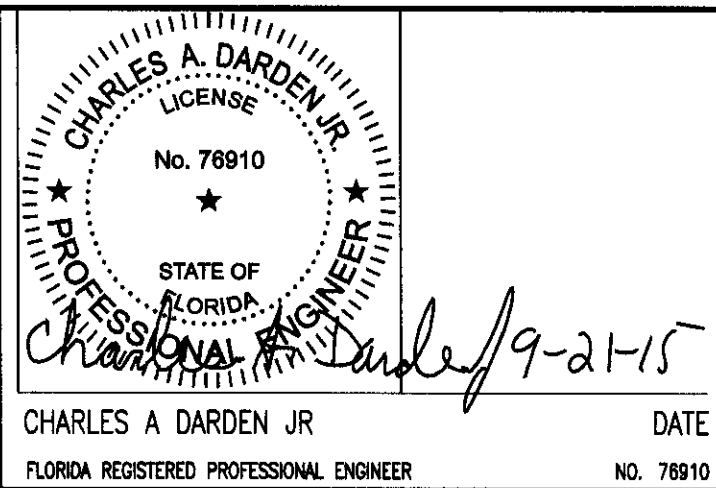
NOTES & COMMENTS

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ALL SCALES INDICATED PERTAIN TO 24"X36" PLOTS

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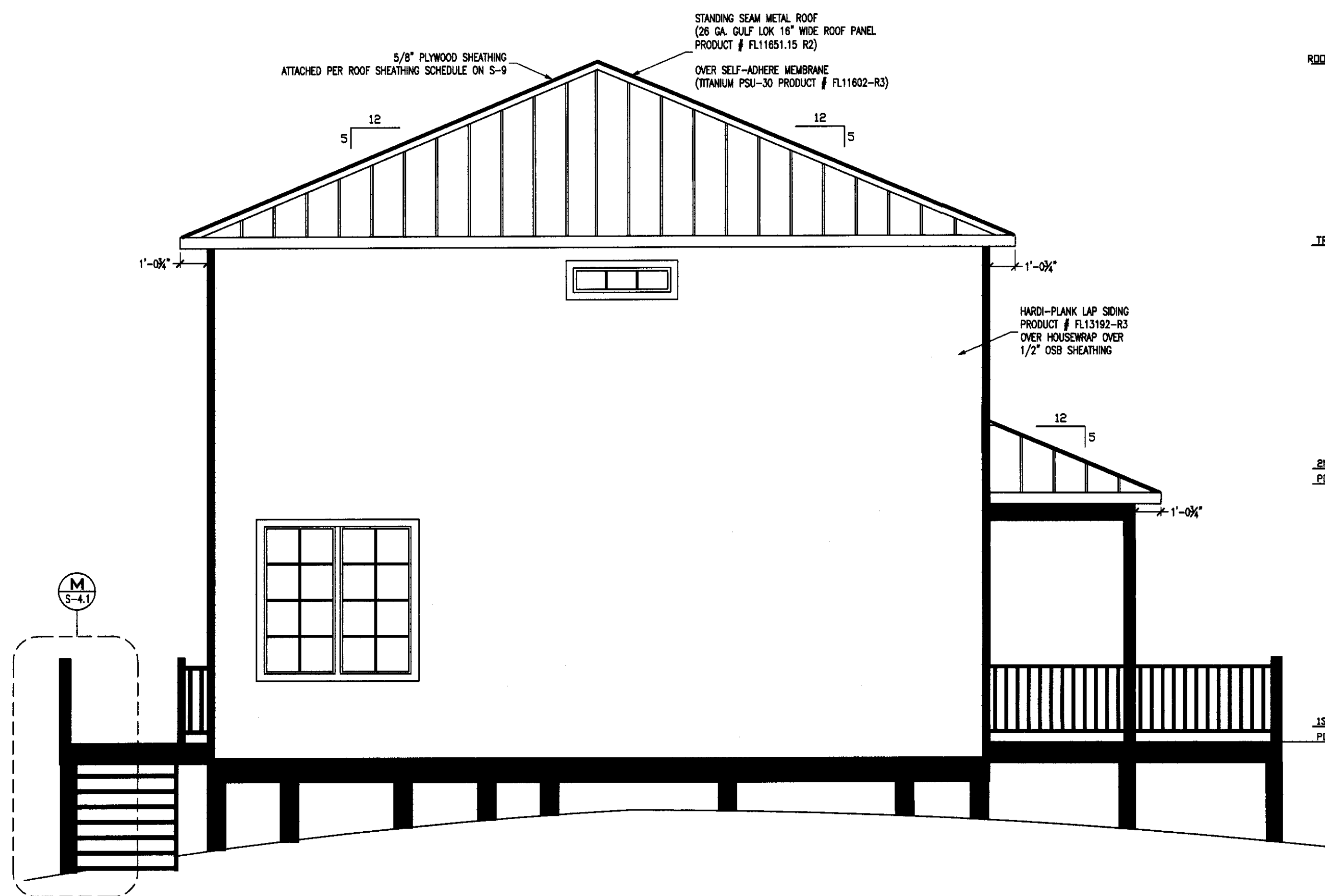
DESIGNED BY:	DRAWN BY:
CHECKED BY:	PLOT DATE: 22-Sep-2015
X:\LAKE PLACID COTTAGE2	
SCALE: AS SHOWN	PROJECT #:



CHARLES A. DARDEN JR. DATE
FLORIDA REGISTERED PROFESSIONAL ENGINEER NO. 78810

SHEET NAME: 2nd Floor Framing Plan

SHEET #: S-5



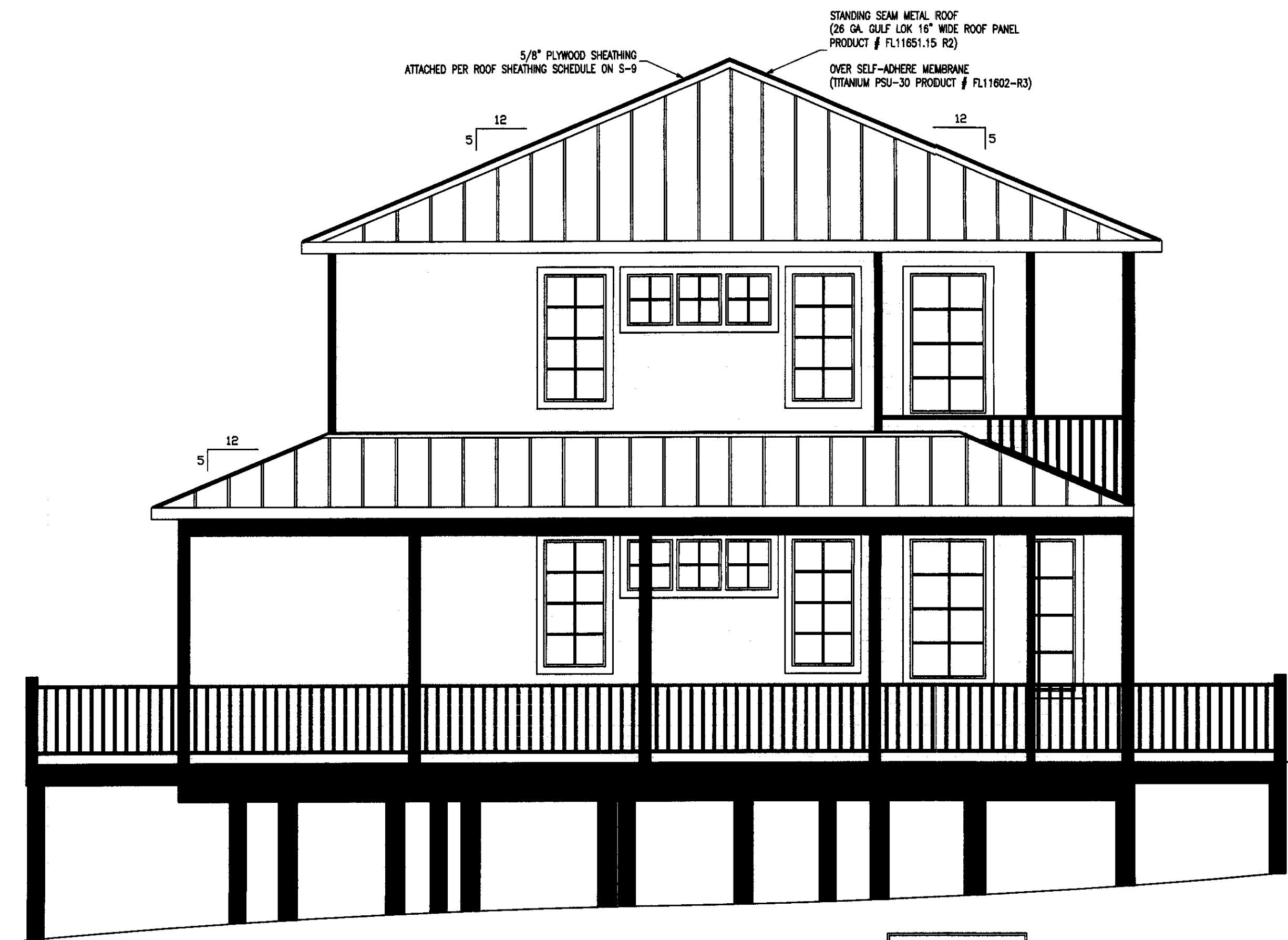
EAST ELEVATION
1/4" = 1'-0"

ALL ELEVATIONS REFER
TO NGVD 1989



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

ALL ELEVATIONS REFER
TO NGVD 1989



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

ALL ELEVATIONS REFER
TO NGVD 1989



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

ALL ELEVATIONS REFER
TO NGVD 1989

PROJECT: **UHAZIE COTTAGE**

424 Lake Mirror Dr
Lake Placid, FL 33852

CIVIL - STRUCTURAL - MARINE



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CSM ENGINEERING, LLC
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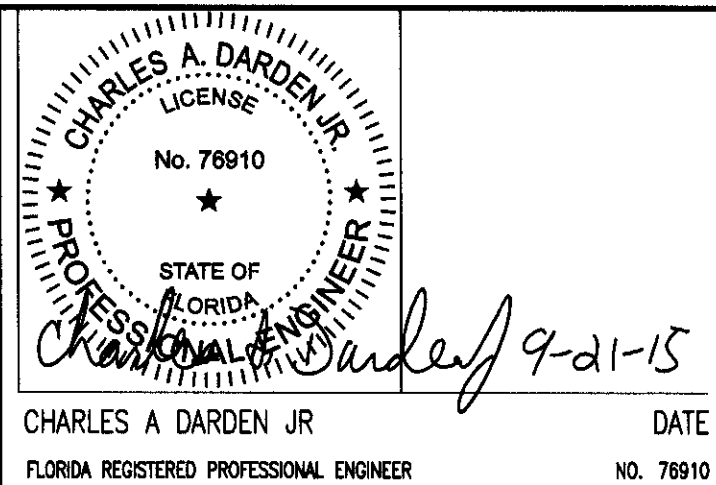
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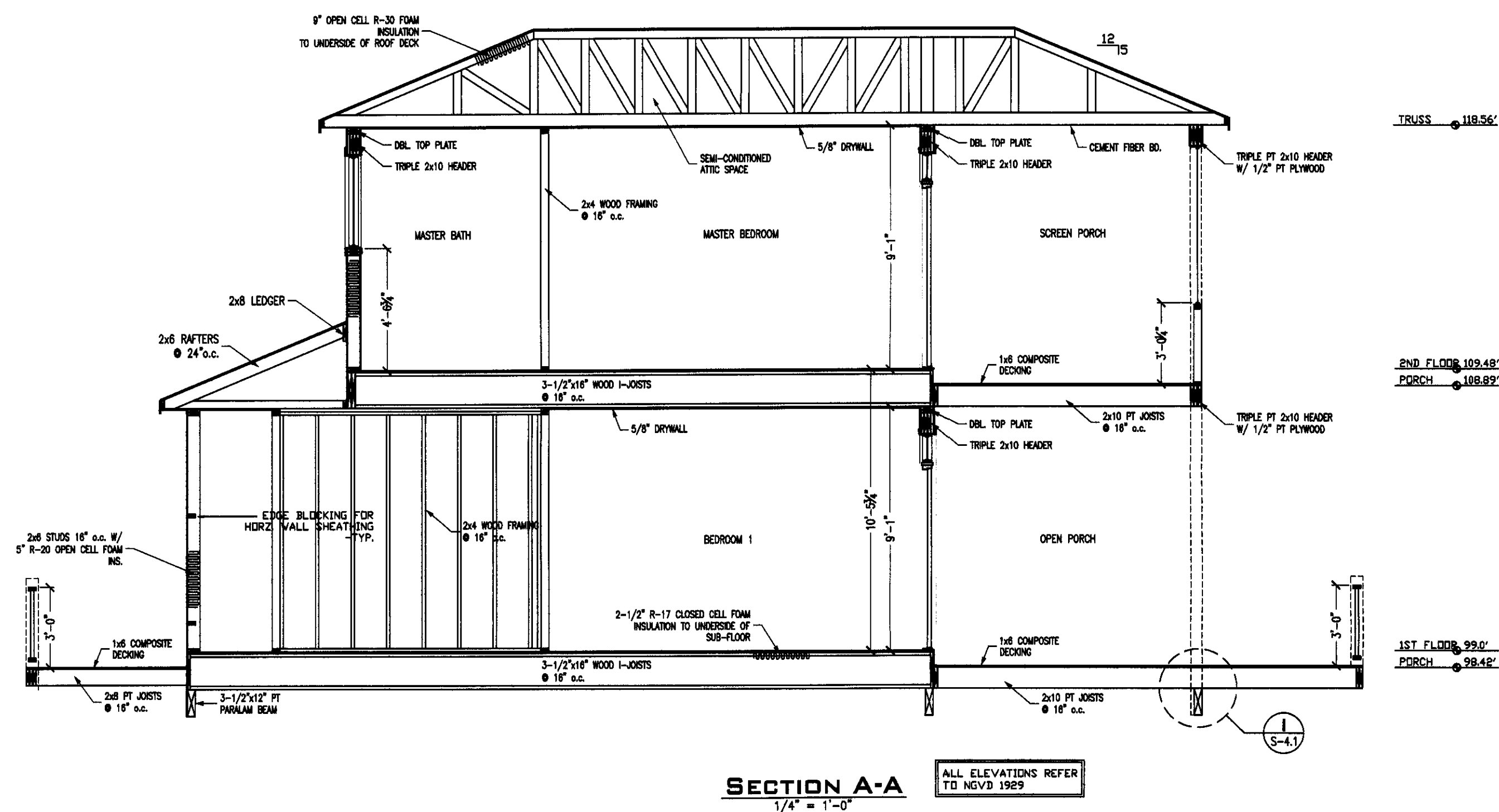
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DESIGNED BY:	DRAWN BY:
CHECKED BY:	PLOT DATE: 22-Sep-2015
X:\LAKE PLACID COTTAGE2	
SCALE: AS SHOWN	PROJECT #:



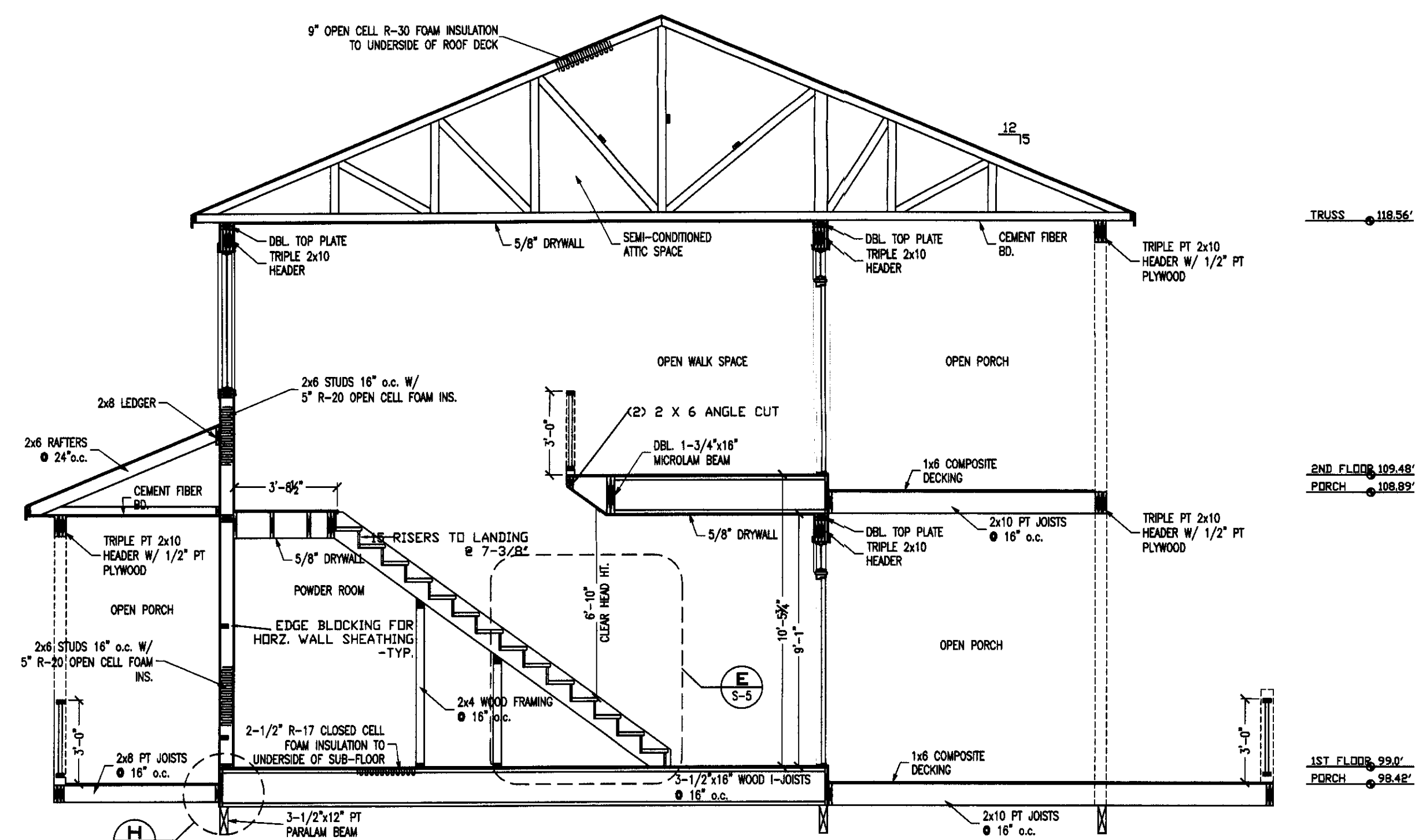
SHEET NAME: Elevations

SHEET #: S-6



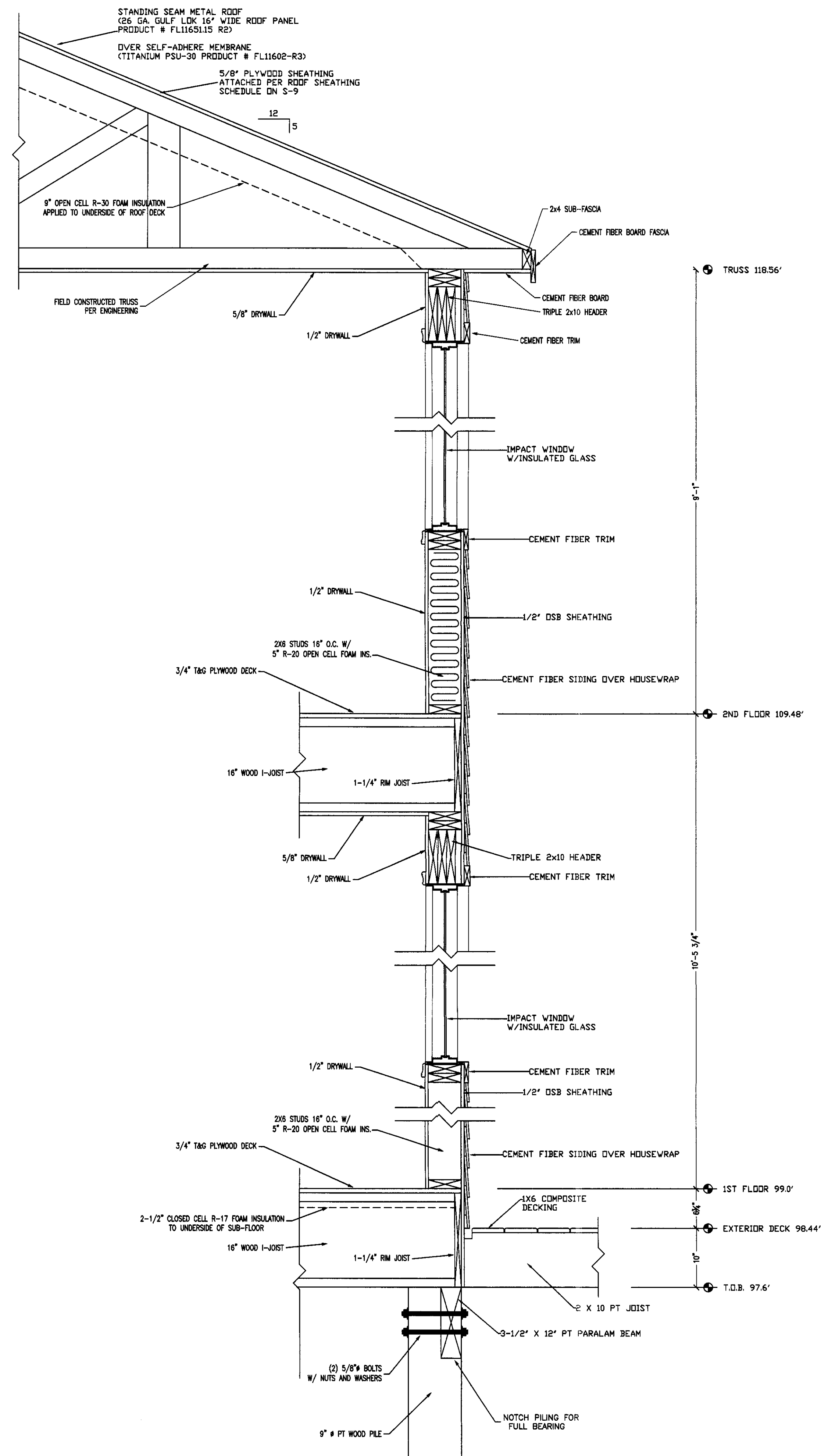
SECTION A-A
1/4" = 1'-0"

ALL ELEVATIONS REFER
TO NGVD 1989



SECTION C-C
1/4" = 1'-0"

ALL ELEVATIONS REFER
TO NGVD 1989



TYPICAL EXTERIOR WALL SECTION
1" = 1'-0"

PROJECT: **UHAZIE COTTAGE**

424 Lake Mirror Dr
Lake Placid, FL 33852

CIVIL - STRUCTURAL - MARINE



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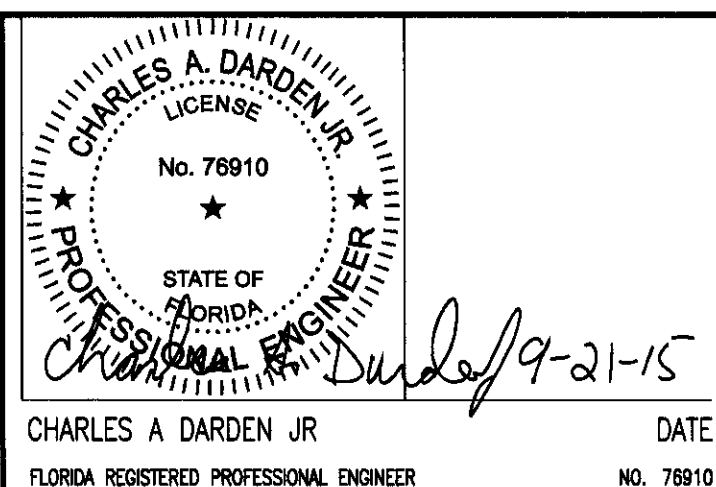
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ALL SCALES INDICATED PERTAIN TO 24"x36" PLOTS

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DESIGNED BY:	DRAWN BY:
CHECKED BY:	PLOT DATE: 22-Sep-2015
U/LAKE PLACID COTTAGE2	
SCALE: AS SHOWN	PROJECT #:



SHEET NAME: **Sections**

SHEET #: **S-7**

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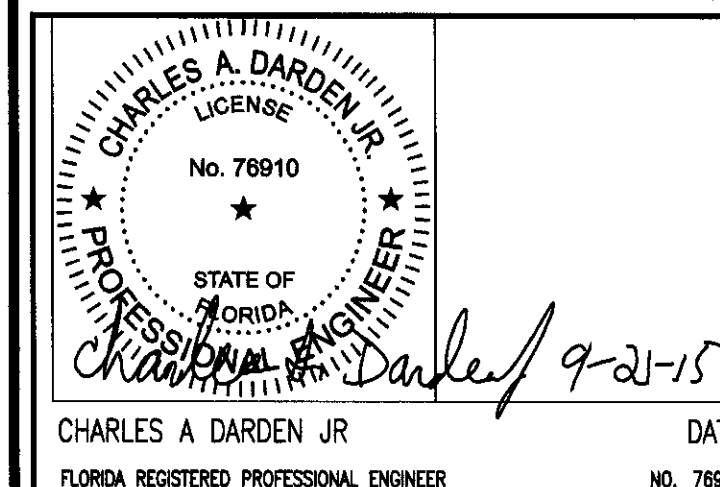
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ALL SCALES INDICATED PERTAIN TO 24"x36" PLOTS

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DESIGNED BY:	DRAWN BY:
CHECKED BY:	PLOT DATE: 22-Sep-2015
X:\LAKE PLACID COTTAGE2	
SCALE: AS SHOWN	PROJECT #:



SHEET NAME:	Sections
SHEET #:	S-7.1



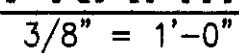
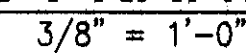
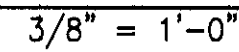
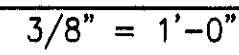
ALL ELEVATIONS REFER
TO NGVD 1929



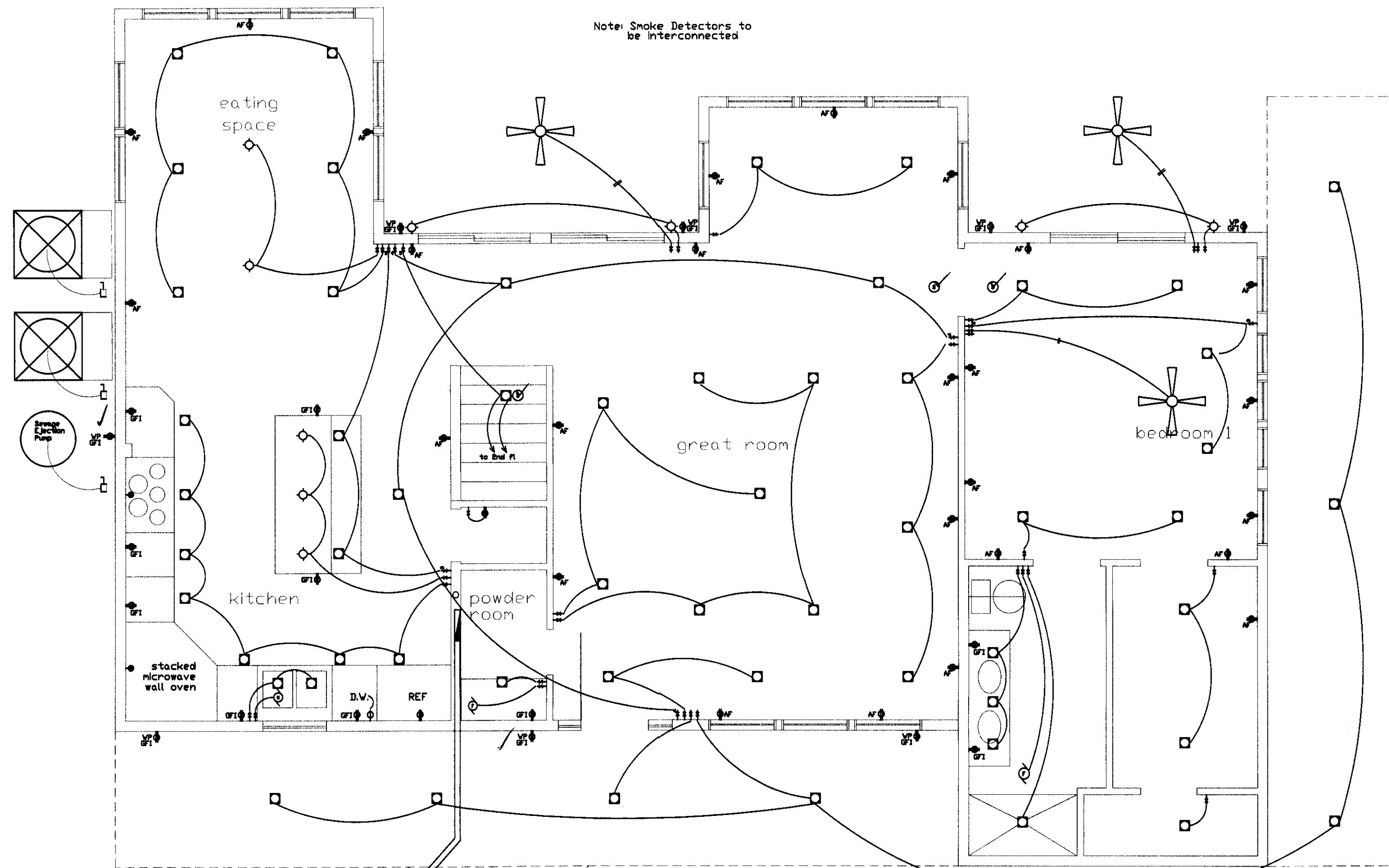
ALL ELEVATIONS REFER
TO NGVD 1929


$$1'' = 1' - f$$

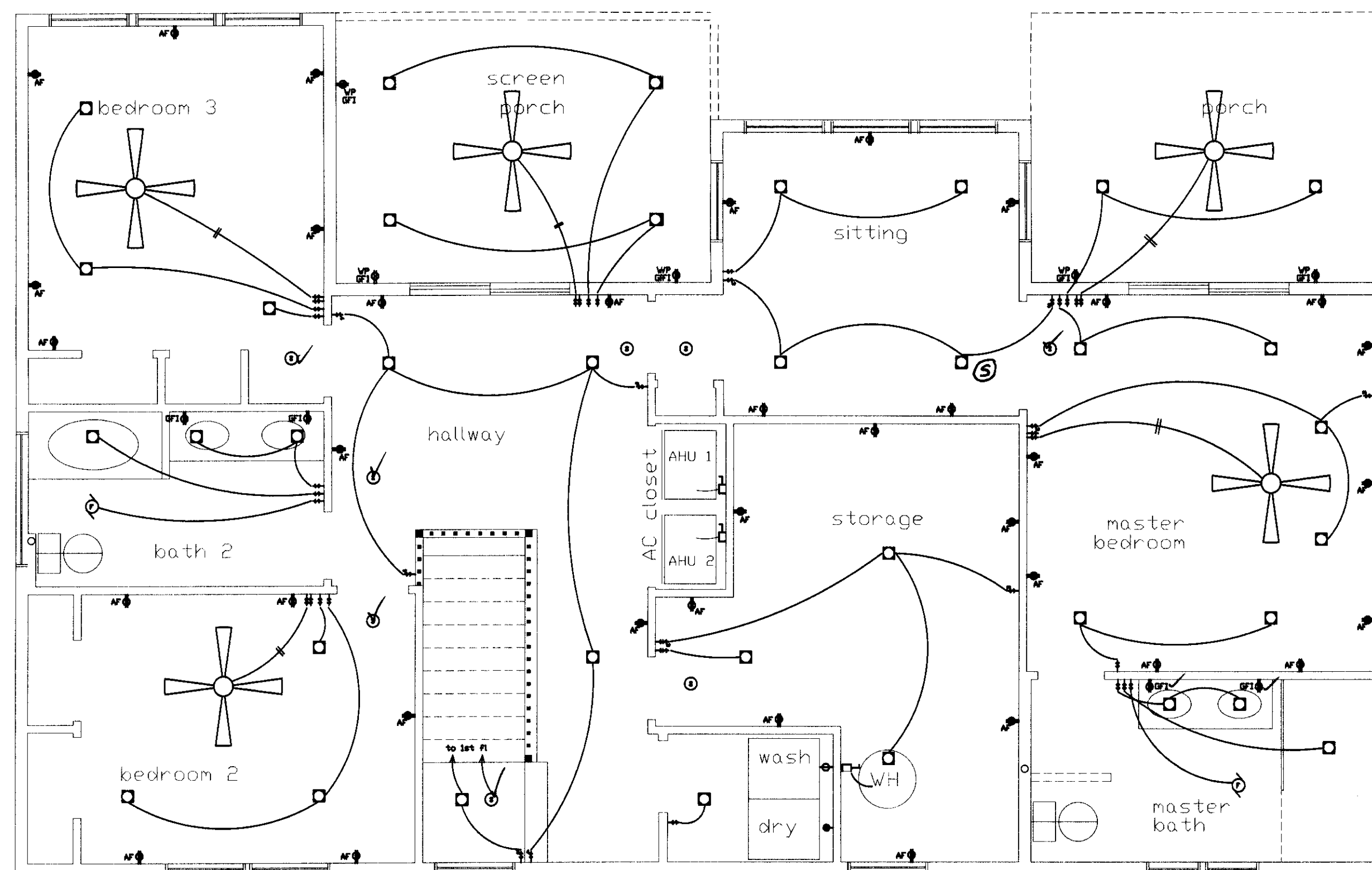
$$1' = 1' -$$



SHEET #: S-8

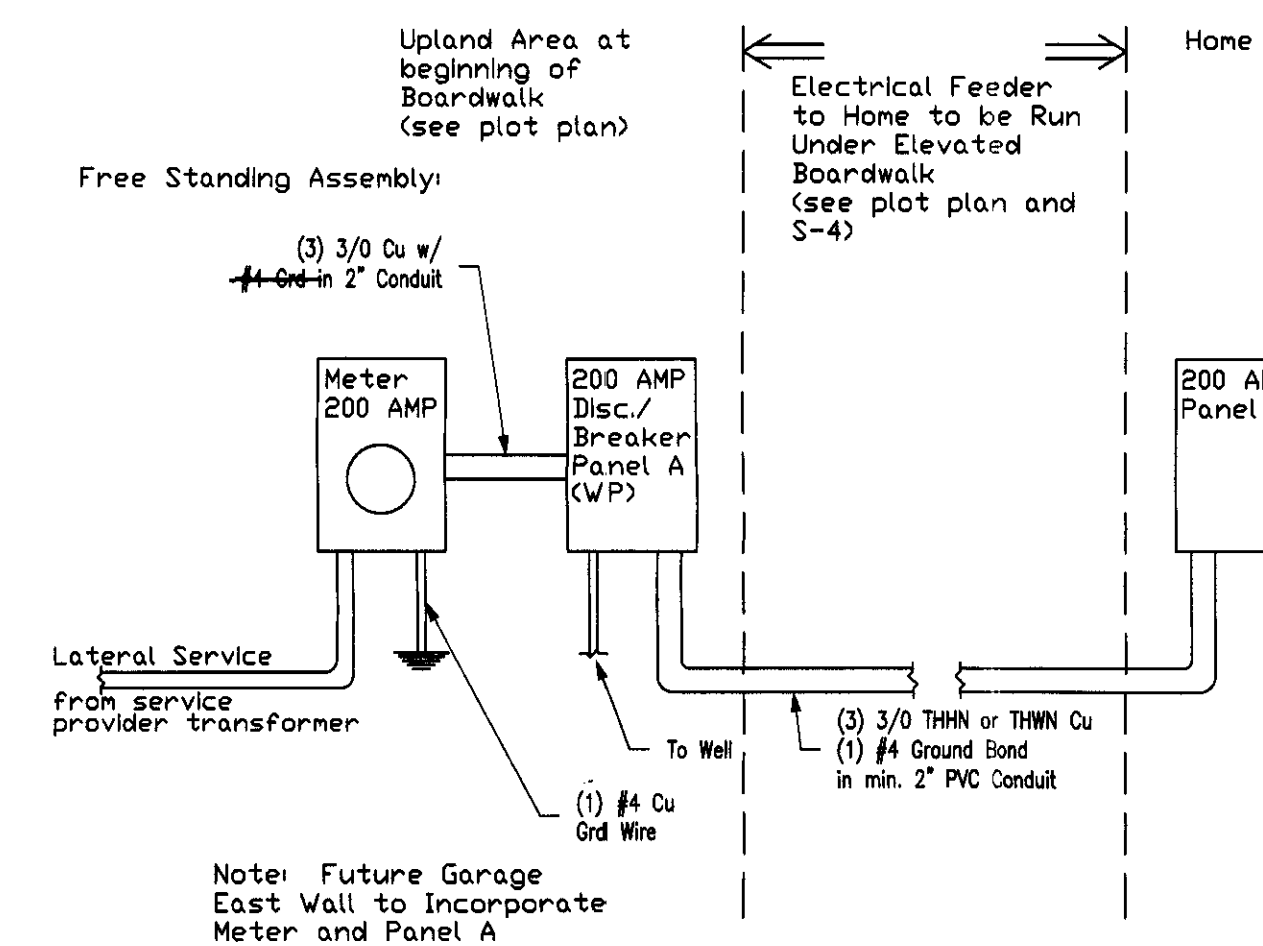


1ST FLOOR ELECTRICAL PLAN
1/4" = 1'-0"



2ND FLOOR ELECTRICAL PLAN
1/4" = 1'-0"

ELECTRICAL SYMBOLS:			
EXHAUST FAN		DUPLEX RECEPTACLE	
HI HAT CLG. MOUNTED		DUPLEX RECEPTACLE FLUSH IN FLOOR	
EXHAUST FAN/LIGHT		DUPLEX RECEPTACLE TOP REC. SWITCHED	
SECURITY LIGHTS		SINGLE RECEPTACLE	
PADDLE FAN W/ DR WD/ LIGHT		DUPLEX RECEPTACLE GROUND FAULT	
INCANDESCENT LIGHT FIXTURE CLG. MNTD.		SWITCH SINGLE POLE	
INCANDESCENT LIGHT FIXTURE WALL MNTD.		SWITCH THREE WAY	
SWITCH DISCONNECT		SWITCH FOUR WAY	
BREAKER PANEL		240 V. OUTLET	
FLUORESCENT LIGHT FIXTURE		SMOKE DETECTOR	
		AF = ARC FAULT	



RISER DIAGRAM

ELEC. PANEL B				200 AMP			
CIR	DESCRIPTION	AMP • POLE	WIRE	CIR	DESCRIPTION	AMP • POLE	WIRE
1	Air handler #1	40 • 2	6	2	Condenser #1	30 • 2	10
3				4			
5	Air handler #2	40 • 2	6	6	Condenser #2	30 • 2	10
7				8			
9	Oven/Micro	40 • 2	6	10	Cooktop	30 • 2	8
11				12			
13	Sewage Pump	20 • 2	12	14	Dryer	30 • 2	10
15				16			
17	Refrigerator	20 • 1	12	18	Water Heater (Heat Pump)	20 • 1	12
19	Outside GFI	20 • 1	12	20	Disposal	20 • 1	12
21	Washing Machine	20 • 1	12	22	Dishwasher	20 • 1	12
23	Small Appliance	20 • 1	12	24	Small Appliance	20 • 1	12
25	Small Appliance	20 • 1	12	26	Small Appliance	20 • 1	12
27	Smoke Detector	15 • 1	12	28	Gen Lting & Recp	20 • 1	12
29	Gen Lting & Recp	20 • 1	12	30	Gen Lting & Recp	20 • 1	12
31	Gen Lting & Recp	20 • 1	12	32	Gen Lting & Recp	20 • 1	12
33	Gen Lting & Recp	20 • 1	12	34	Gen Lting & Recp	20 • 1	12
35	Gen Lting & Recp	20 • 1	12	36	Gen Lting & Recp	20 • 1	12
37	Gen Lting & Recp	20 • 1	12	38	SPARE		
39	SPARE			40	SPARE		

PROJECT: UHAZIE COTTAGE

424 Lake Mirror Dr
Lake Placid, FL 33852

CIVIL - STRUCTURAL - MARINE



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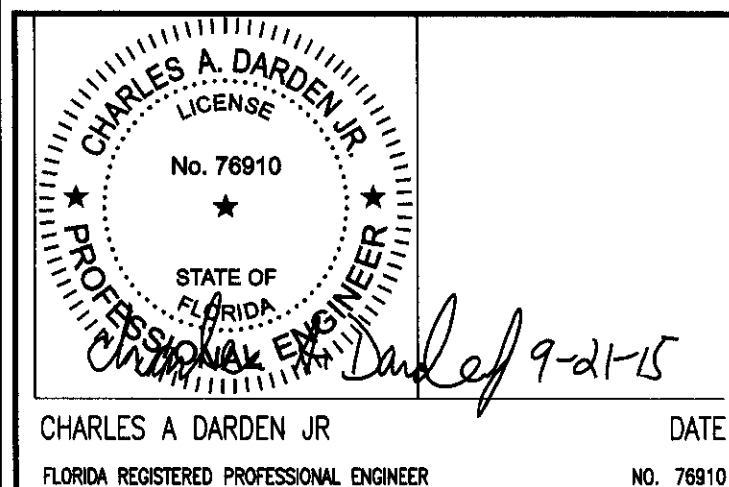
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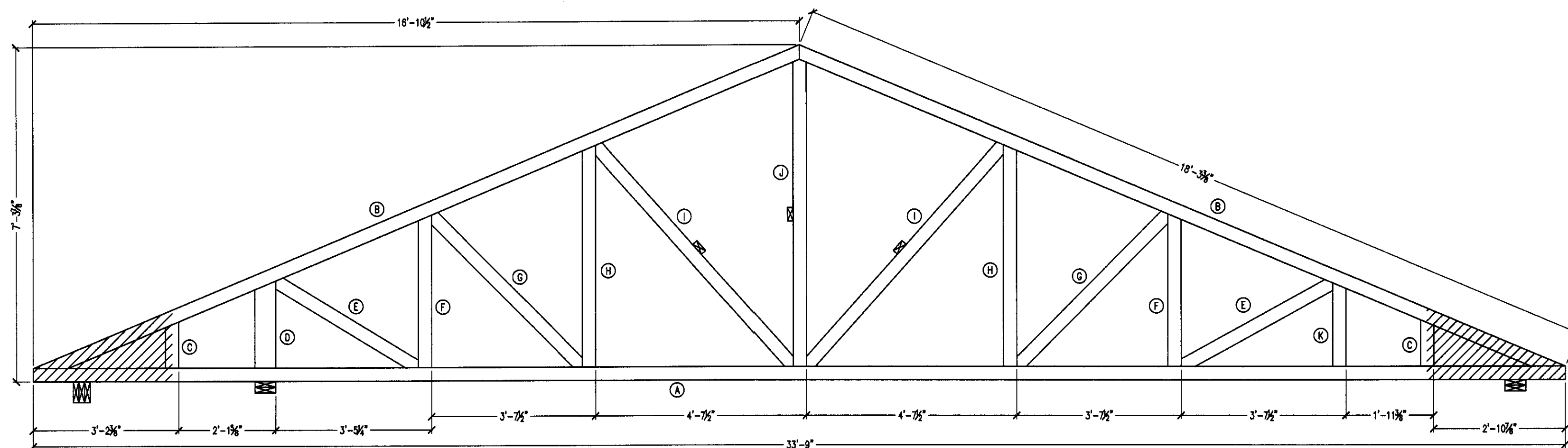
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DESIGNED BY:	DRAWN BY:
CHECKED BY:	PLOT DATE: 22-Sep-2015
NAME: LAKE PLACID COTTAGE2	
SCALE: AS SHOWN	PROJECT #:



SHEET NAME: Electrical Plans

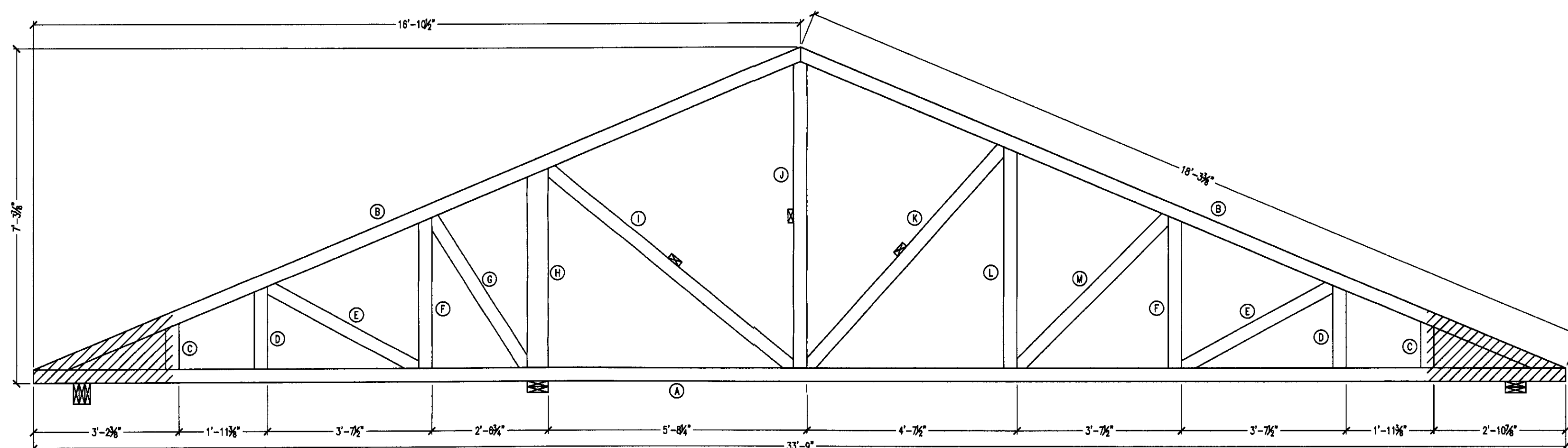
SHEET #: S-10



TRUSS T-1
1/2" = 1'-0"

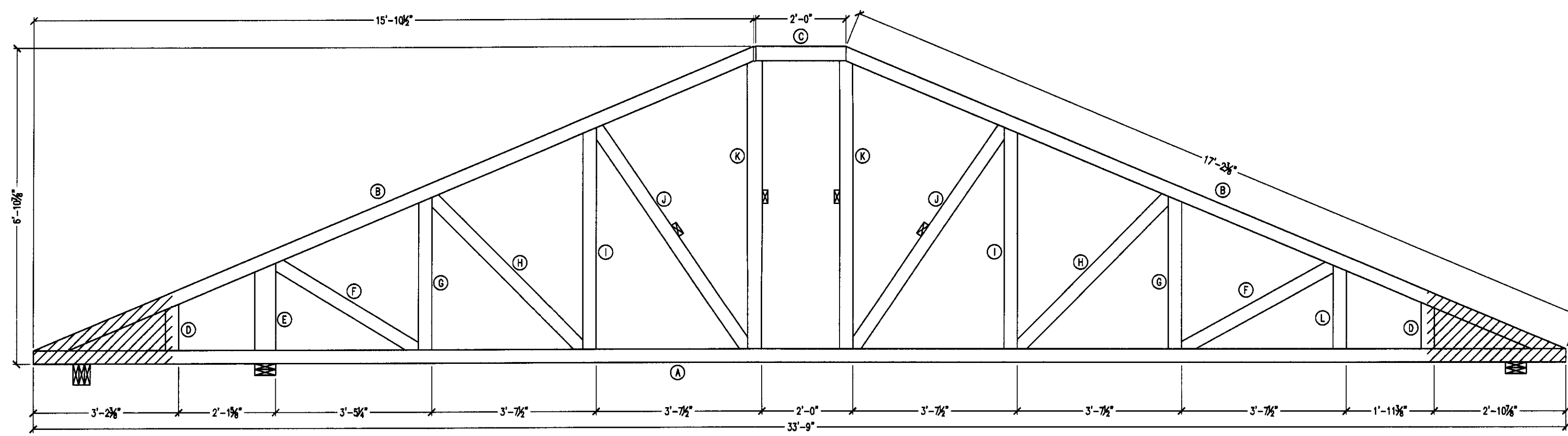
TRUSS MEMBER SCHEDULE (BUILD 5 TRUSS)		
A	BOTTOM CHD	2x4 33'-9"
B	TOP CHD	2x4 18'-3.375"
C	WEB MEMBER	2x4 1'-0.25"
D	WEB MEMBER	2x6 1'-11"
E	WEB MEMBER	2x4 3'-8"
F	WEB MEMBER	2x4 3'-8"
G	WEB MEMBER	2x4 4'-8.5"
H	WEB MEMBER	2x4 4'-10.25"
I	WEB MEMBER	2x4 6'-6"
J	WEB MEMBER	2x4 6'-8.75"
K	WEB MEMBER	2x4 1'-10"

DESIGN DATA:	
WEB MEMBERS IN PLANE	
MAX. ROOF HT	= 35'-0"
MIN. BEARING	= 4.5"
SPACING	= 2'-0"
DEAD LOAD	= 10 PSF TOP CHD
DEAD LOAD	= 10 PSF BOT CHD
LIVE LOAD	= 20 PSF TOP CHD
WIND LOAD ROOF	= -20 PSF TOP CHD
WIND LOAD ROOF	= -70 PSF BOT CHD OVER HANG
ENCLOSURE DESIGN	
EXPOSURE	= C
RISK CATEGORY	= II
K2	= 0.98
ASCE 7-10:	PASSED
ASD DESIGN CODE, 13TH EDITION	
ALL MEMBER DEFLECTION MEET OR EXCEED L/480	
MAIN FRAME DESIGN	
ALL TRUSSES ENGINEERED USING RISA 3-D SOFTWARE	
ALL TRUSSES ARE SINGLE PLY	
MAX. TOP CHD FORCE	= 0.4 KIPS
MAX. BOT CHD FORCE	= 0.8 KIPS
MAX. WEB MEMBER FORCE	= 0.5 KIPS



TRUSS T-1A
1/2" = 1'-0"

TRUSS MEMBER SCHEDULE (BUILD 5 TRUSS)		
A	BOTTOM CHD	2x4 33'-9"
B	TOP CHD	2x4 18'-3.375"
C	WEB MEMBER	2x4 1'-0.25"
D	WEB MEMBER	2x4 1'-10"
E	WEB MEMBER	2x4 3'-8.5"
F	WEB MEMBER	2x4 3'-8"
G	WEB MEMBER	2x4 3'-11.25"
H	WEB MEMBER	2x6 4'-5"
I	WEB MEMBER	2x4 6'-11.5"
J	WEB MEMBER	2x4 6'-8.75"
K	WEB MEMBER	2x4 6'-6"
L	WEB MEMBER	2x4 4'-10.25"
M	WEB MEMBER	2x4 4'-8.5"



TRUSS T-2
1/2" = 1'-0"

TRUSS MEMBER SCHEDULE (BUILD 1 TRUSS)		
A	BOTTOM CHORD	2x4 33'-9"
B	TOP CHORD	2x4 17'-2.375"
C	TOP CHORD	2x4 2'-0"
D	WEB MEMBER	2x4 1'-0.25"
E	WEB MEMBER	2x6 1'-11"
F	WEB MEMBER	2x4 3'-8"
G	WEB MEMBER	2x4 3'-8"
H	WEB MEMBER	2x4 4'-8.75"
I	WEB MEMBER	2x4 4'-10.25"
J	WEB MEMBER	2x4 5'-10.75"
K	WEB MEMBER	2x4 6'-3.5"
L	WEB MEMBER	2x4 1'-10"

PROJECT:

UHAZIE COTTAGE

424 Lake Mirror Dr
Lake Placid, FL 33852

CIVIL - STRUCTURAL - MARINE

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DESIGNED BY:	DRAWN BY:
CHECKED BY:	PLOT DATE: 22-Sep-2015
X:\LAKE PLACID COTTAGE2	
SCALE: AS SHOWN	PROJECT #:

CHARLES A. DARDEN JR

FLORIDA REGISTERED PROFESSIONAL ENGINEER

No. 78910

DATE

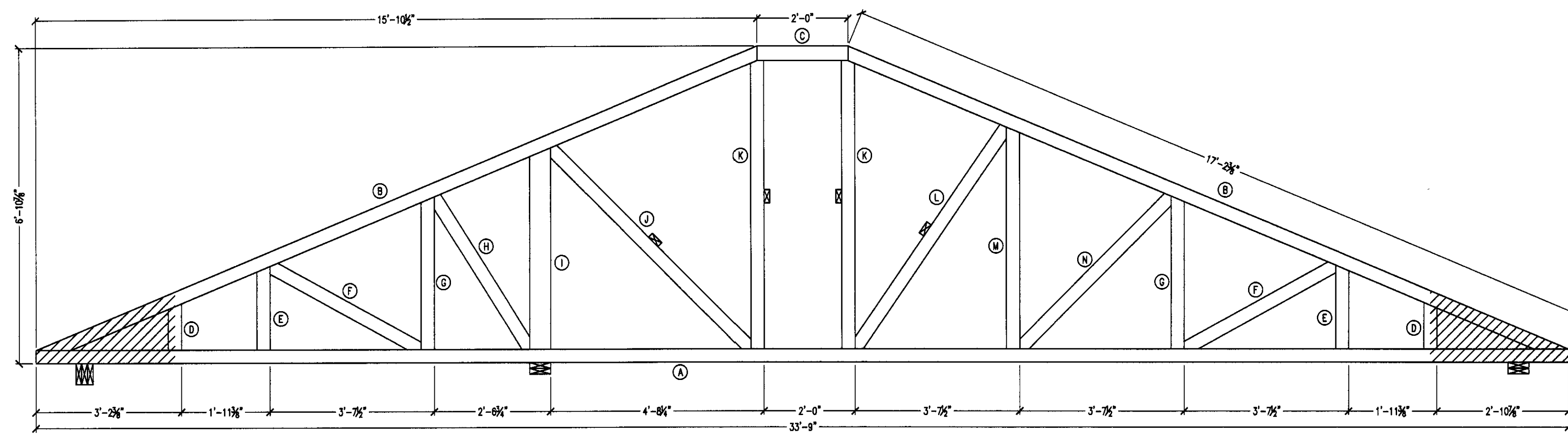
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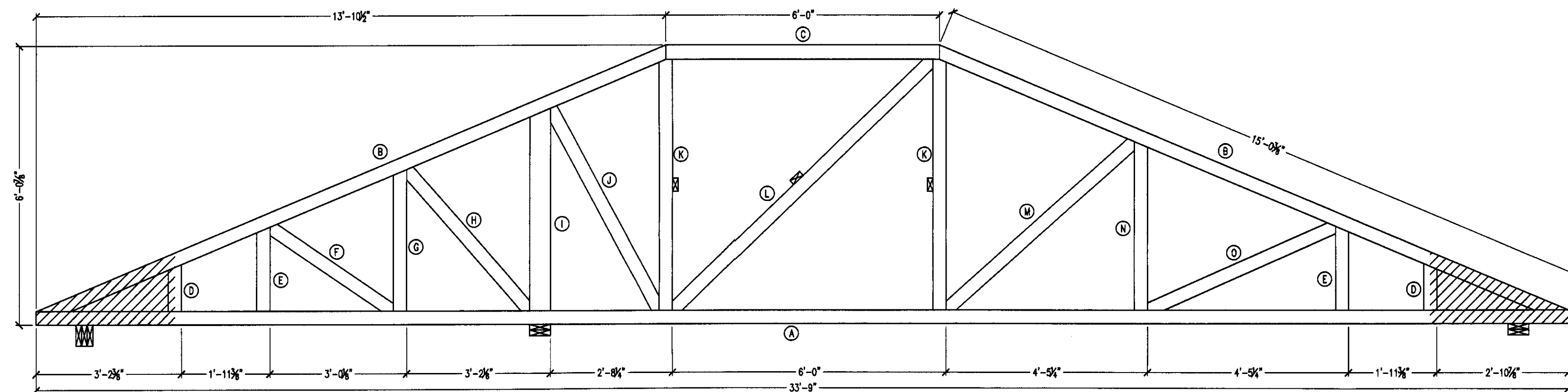
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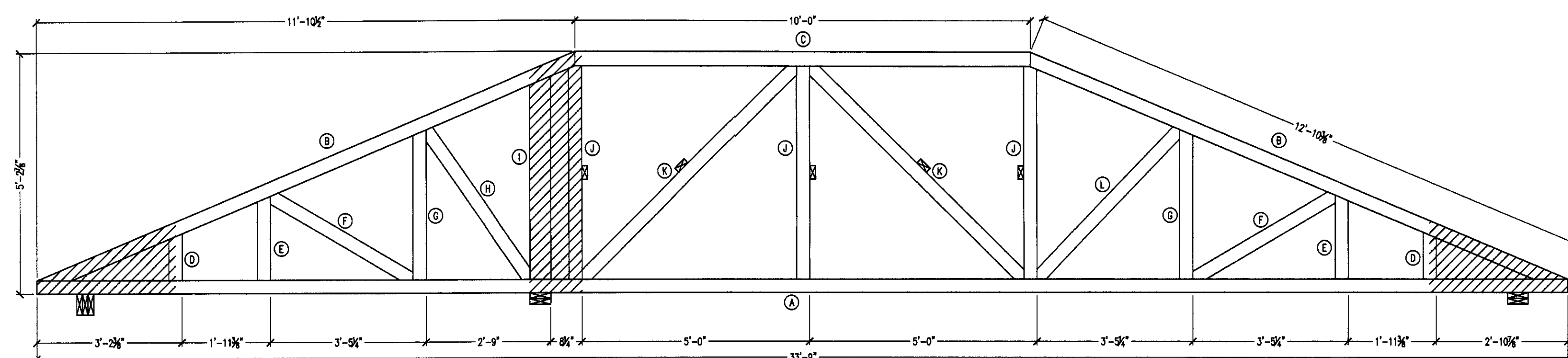
S-11



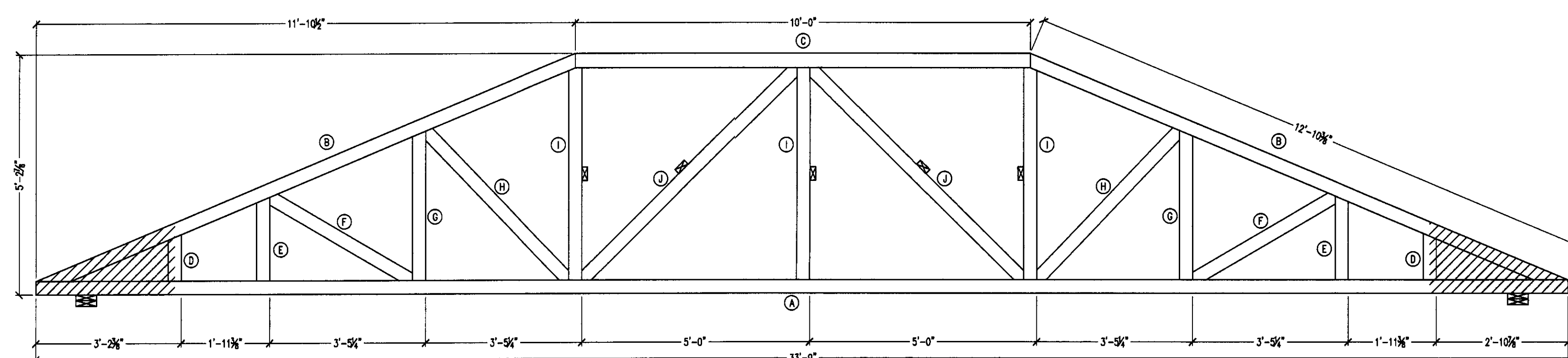
TRUSS T-2A
1/2" = 1'-0"



TRUSS T-3
1/2" = 1'-0"



TRUSS T-4
1/2" = 1'-0"



TRUSS T-4A
1/2" = 1'-0"

TRUSS MEMBER SCHEDULE (BUILD 1 TRUSS)		
A	BOTTOM CHORD	2x4 33'-9"
B	TOP CHORD	2x4 17'-2 1/2"
C	TOP CHORD	2x4 2'-0"
D	WEB MEMBER	2x4 1'-0 25"
E	WEB MEMBER	2x4 1'-10"
F	WEB MEMBER	2x4 3'-5 1/2"
G	WEB MEMBER	2x4 3'-4"
H	WEB MEMBER	2x4 3'-11 25"
I	WEB MEMBER	2x6 4'-5"
J	WEB MEMBER	2x4 6'-2 75"
K	WEB MEMBER	2x4 6'-3 1/2"
L	WEB MEMBER	2x4 5'-10 1/2"
M	WEB MEMBER	2x4 4'-10 25"
N	WEB MEMBER	2x4 4'-8 1/2"

TRUSS MEMBER SCHEDULE (BUILD 2 TRUSS)		
A	BOTTOM CHORD	2x4 33'-9"
B	TOP CHORD	2x4 15'-0 3/8"
C	TOP CHORD	2x4 6'-0"
D	WEB MEMBER	2x4 1'-0 25"
E	WEB MEMBER	2x4 1'-10"
F	WEB MEMBER	2x4 3'-5 1/2"
G	WEB MEMBER	2x4 3'-4"
H	WEB MEMBER	2x4 4'-1 25"
I	WEB MEMBER	2x6 4'-5"
J	WEB MEMBER	2x4 5'-0 25"
K	WEB MEMBER	2x4 6'-5 1/2"
L	WEB MEMBER	2x4 7'-10 7/8"
M	WEB MEMBER	2x4 5'-8 1/2"
N	WEB MEMBER	2x4 3'-8"
O	WEB MEMBER	2x4 4'-8 25"

TRUSS MEMBER SCHEDULE (BUILD 1 TRUSS)		
A	BOTTOM CHORD	2x4 33'-9"
B	TOP CHORD	2x4 12'-10 3/8"
C	TOP CHORD	2x4 10'-0"
D	WEB MEMBER	2x4 1'-0 25"
E	WEB MEMBER	2x4 1'-10"
F	WEB MEMBER	2x4 3'-7 75"
G	WEB MEMBER	2x4 3'-3"
H	WEB MEMBER	2x4 3'-11 75"
I	WEB MEMBER	2x6 4'-5"
J	WEB MEMBER	2x4 4'-7 1/2"
K	WEB MEMBER	2x4 6'-7 25"
L	WEB MEMBER	2x4 4'-8 25"

TRUSS MEMBER SCHEDULE (BUILD 1 TRUSS)		
A	BOTTOM CHORD	2x4 33'-9"
B	TOP CHORD	2x4 12'-10 3/8"
C	TOP CHORD	2x4 10'-0"
D	WEB MEMBER	2x4 1'-0 25"
E	WEB MEMBER	2x4 1'-10"
F	WEB MEMBER	2x4 3'-7 75"
G	WEB MEMBER	2x4 3'-5 1/2"
H	WEB MEMBER	2x4 4'-6 25"
I	WEB MEMBER	2x4 4'-7 1/2"
J	WEB MEMBER	2x4 6'-7 25"

PROJECT:
UHAZIE COTTAGE

424 Lake Mirror Dr
Lake Placid, FL 33852

CIVIL - STRUCTURAL - MARINE

ENGINEERING
CSM ENGINEERING, LLC
2081 SE OCEAN BOULEVARD - SUITE 1A
STUART, FLORIDA 34996
o: 772-220-4601
w: www.CSM-Eng.net
CERTIFICATE OF AUTHORIZATION: 29057

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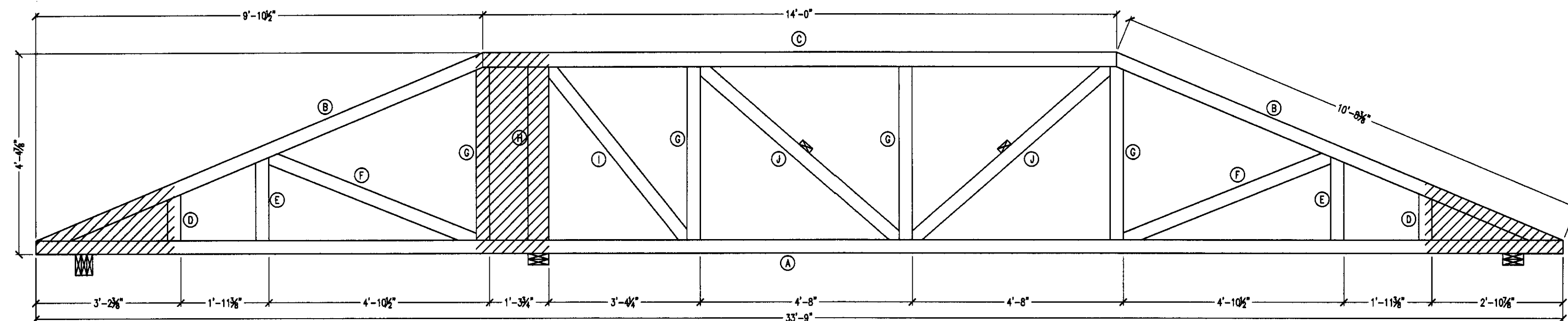
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NOTES & COMMENTS
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ALL SCALES INDICATED PERTAIN TO 24"x36" PLOTS

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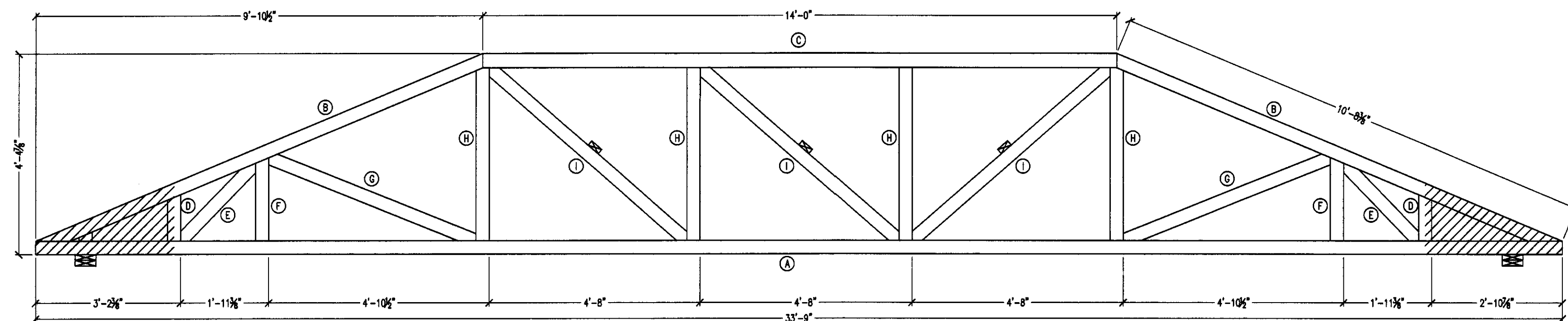
DESIGNED BY:	DRAWN BY:
CHECKED BY:	PLOT DATE: 22-Sep-2015
X:\LAKE PLACID COTTAGE2	
SCALE: AS SHOWN	PROJECT #:

Charles A. Darden Jr.
FLORIDA REGISTERED PROFESSIONAL ENGINEER
DATE: 9-21-15
SHEET NAME: Roof Truss Sections
SHEET #: S-12



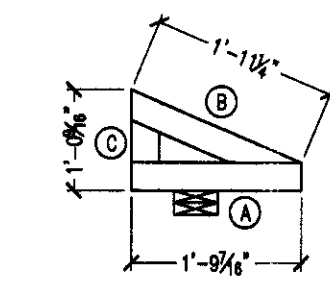
TRUSS T-5
1/2" = 1'-0"

TRUSS MEMBER SCHEDULE (BUILD 1 TRUSS)		
A	BOTTOM CHORD	2x4 33'-9"
B	TOP CHORD	2x4 10'-8 3/8"
C	TOP CHORD	2x4 14'-0"
D	WEB MEMBER	2x4 1'-0.25"
E	WEB MEMBER	2x4 1'-10"
F	WEB MEMBER	2x4 4'-11.25"
G	WEB MEMBER	2x4 3'-9.75"
H	WEB MEMBER	2x4 3'-9.75"
I	WEB MEMBER	2x4 4'-10.5"
J	WEB MEMBER	2x4 5'-9.5"



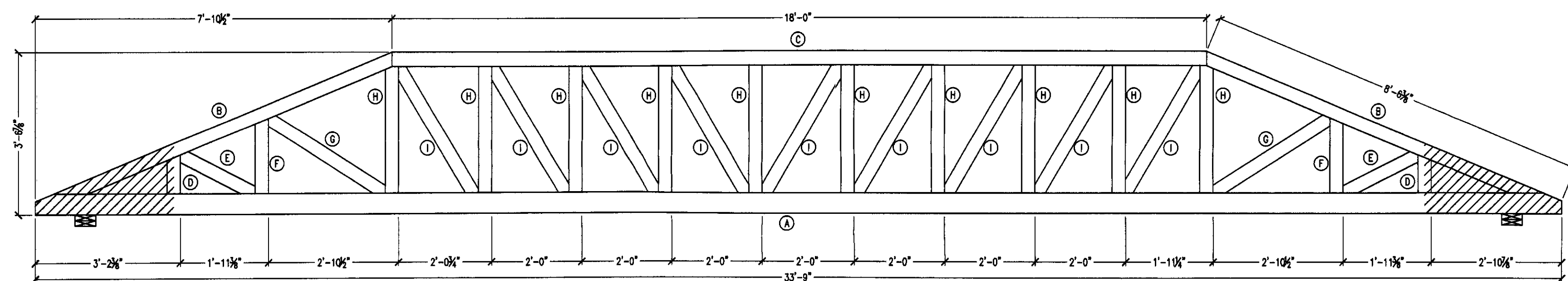
TRUSS T-5A
1/2" = 1'-0"

TRUSS MEMBER SCHEDULE (BUILD 1 TRUSS)		
A	BOTTOM CHORD	2x4 33'-9"
B	TOP CHORD	2x4 10'-8 3/8"
C	TOP CHORD	2x4 14'-0"
D	WEB MEMBER	2x4 1'-0.25"
E	WEB MEMBER	2x4 2'-4.5"
F	WEB MEMBER	2x4 1'-10"
G	WEB MEMBER	2x4 4'-11.25"
H	WEB MEMBER	2x4 3'-9.5"
I	WEB MEMBER	2x4 5'-9.5"



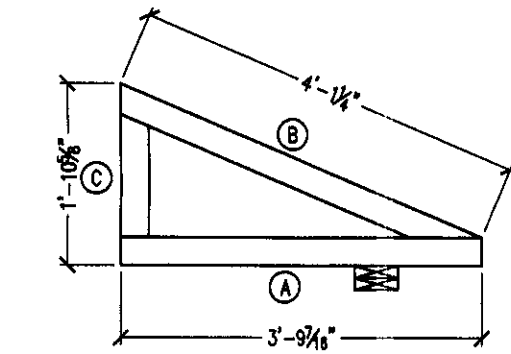
JACK TRUSS J-4
1/2" = 1'-0"

TRUSS MEMBER SCHEDULE (BUILD 8 TRUSS)		
A	BOTTOM CHORD	2x4 1'-9.5"
B	TOP CHORD	2x4 1'-11.25"
C	WEB MEMBER	2x4 0'-5.25"



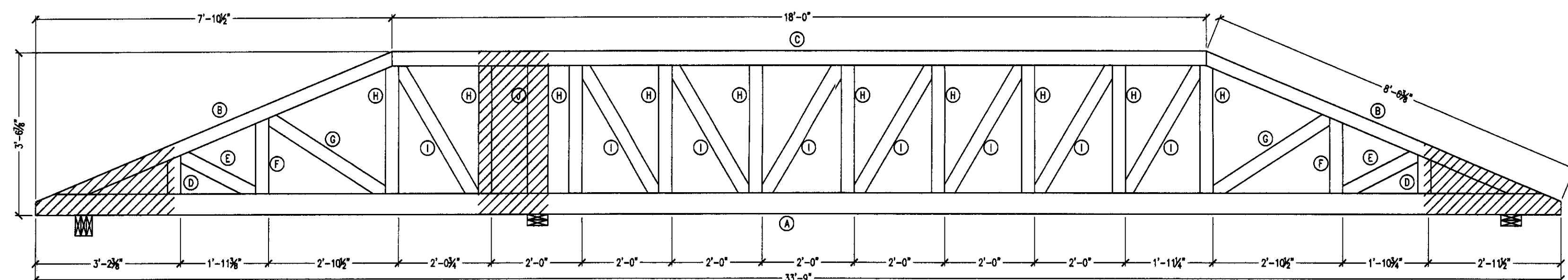
TWO PLY GIRDER G-1
1/2" = 1'-0"

TRUSS MEMBER SCHEDULE (BUILD 2 TRUSS)		
A	BOTTOM CHORD	2x6 33'-9"
B	TOP CHORD	2x4 8'-6.375"
C	TOP CHORD	2x4 18'-0"
D	WEB MEMBER	2x4 0'-10.25"
E	WEB MEMBER	2x4 1'-10.25"
F	WEB MEMBER	2x4 1'-8"
G	WEB MEMBER	2x4 3'-1"
H	WEB MEMBER	2x4 2'-9.5"
I	WEB MEMBER	2x4 5'-3"



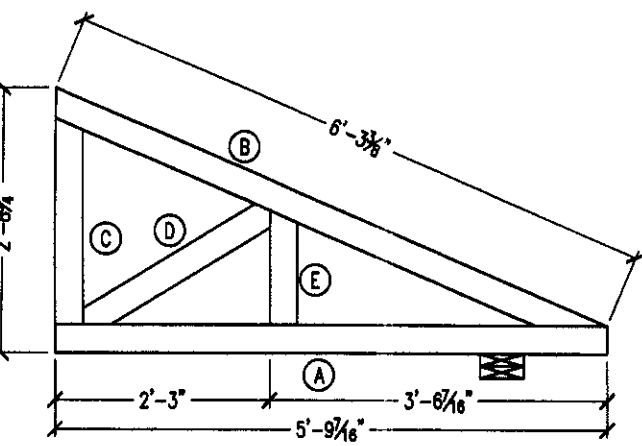
JACK TRUSS J-3
1/2" = 1'-0"

TRUSS MEMBER SCHEDULE (BUILD 8 TRUSS)		
A	BOTTOM CHORD	2x4 5'-9.5"
B	TOP CHORD	2x4 8'-3.375"
C	WEB MEMBER	2x4 2'-1.5"



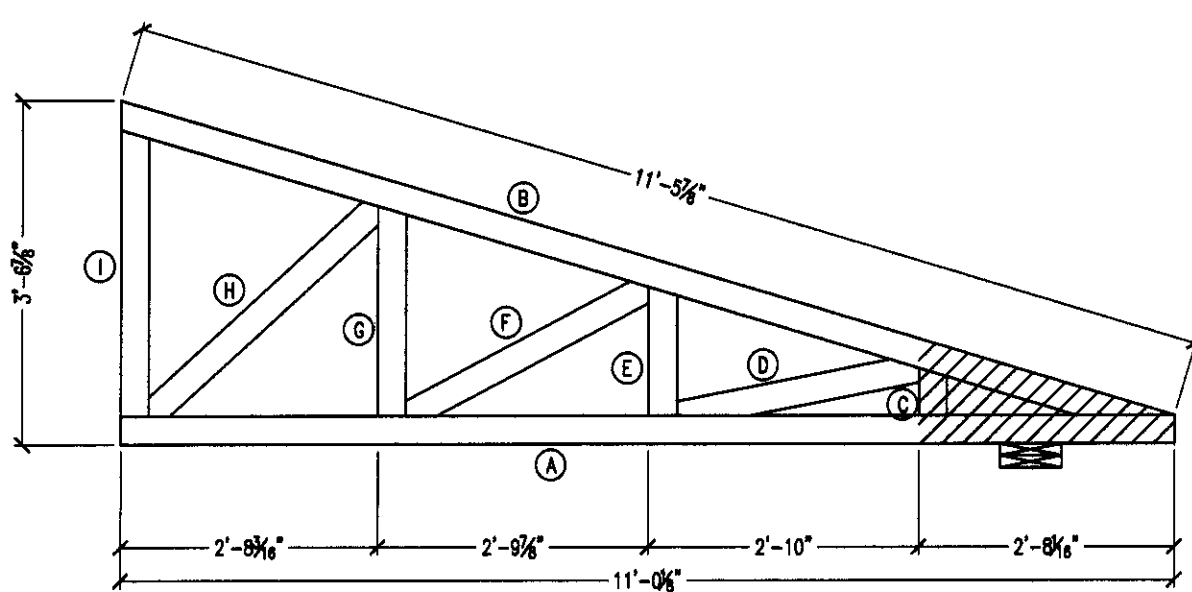
TWO PLY GIRDER G-2
1/2" = 1'-0"

TRUSS MEMBER SCHEDULE (BUILD 2 TRUSS)		
A	BOTTOM CHORD	2x6 33'-9"
B	TOP CHORD	2x4 8'-6.375"
C	TOP CHORD	2x4 18'-0"
D	WEB MEMBER	2x4 0'-10.5"
E	WEB MEMBER	2x4 1'-10"
F	WEB MEMBER	2x4 1'-8"
G	WEB MEMBER	2x4 3'-1"
H	WEB MEMBER	2x4 2'-9.5"
I	WEB MEMBER	2x4 5'-3"
J	WEB MEMBER	2x6 2'-9.5"



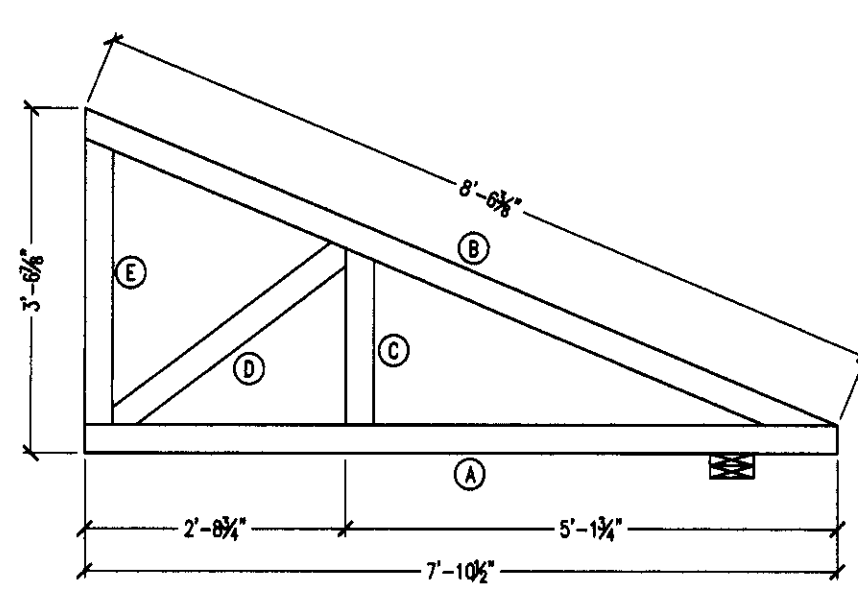
JACK TRUSS J-2
1/2" = 1'-0"

TRUSS MEMBER SCHEDULE (BUILD 8 TRUSS)		
A	BOTTOM CHORD	2x4 5'-9.5"
B	TOP CHORD	2x4 8'-3.375"
C	WEB MEMBER	2x4 2'-1.5"
D	WEB MEMBER	2x4 2'-3.25"
E	WEB MEMBER	2x4 1'-2"



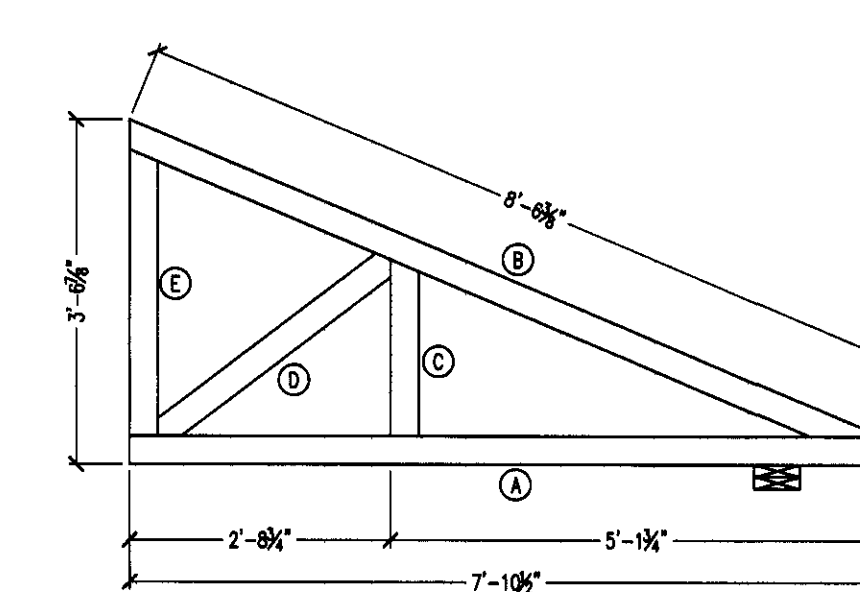
HIP TRUSS H-1
1/2" = 1'-0"

TRUSS MEMBER SCHEDULE (BUILD 4 TRUSS)		
A	BOTTOM CHORD	2x4 11'-0.125"
B	TOP CHORD	2x4 11'-5.875"
C	WEB MEMBER	2x4 0'-4"
D	WEB MEMBER	2x4 2'-7"
E	WEB MEMBER	2x4 1'-4"
F	WEB MEMBER	2x4 2'-10.25"
G	WEB MEMBER	2x4 2'-2"
H	WEB MEMBER	2x4 3'-3"
I	WEB MEMBER	2x4 2'-11.75"



JACK TRUSS J-1
1/2" = 1'-0"

TRUSS MEMBER SCHEDULE (BUILD 18 TRUSS)		
A	BOTTOM CHORD	2x4 7'-10.5"
B	TOP CHORD	2x4 8'-3.375"
C	WEB MEMBER	2x4 1'-10"
D	WEB MEMBER	2x4 3'-9.5"
E	WEB MEMBER	2x4 2'-11.5"



JACK TRUSS J-1A
1/2" = 1'-0"

TRUSS MEMBER SCHEDULE (BUILD 4 TRUSS)		
A	BOTTOM CHORD	2x4 7'-10.5"
B	TOP CHORD	2x4 8'-3.375"
C	WEB MEMBER	2x4 1'-10"
D	WEB MEMBER	2x4 3'-9.5"
E	WEB MEMBER	2x4 2'-11.5"

PROJECT:

UHAZIE COTTAGE

424 Lake Mirror Dr
Lake Placid, FL 33852

CIVIL - STRUCTURAL - MARINE

CSM

ENGINEERING

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2081 SE OCEAN BOULEVARD - SUITE 1A
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ALL SCALES INDICATED PERTAIN TO 24"x36" PLOTS

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DESIGNED BY:

CHECKED BY:

X:\LAKE PLACID COTTAGE2

SCALE: AS SHOWN

DRAWN BY:

PLOT DATE: 22-Sep-2015

PROJECT #:

CHARLES A. DARDEN JR.

No. 76910

STATE OF FLORIDA

PROFESSIONAL ENGINEER

9-21-15

DATE

CHARLES A. DARDEN JR.

FLORIDA REGISTERED PROFESSIONAL ENGINEER

No. 76910

SHEET NAME:

Roof Truss Sections

SHEET #:

S-13

PROJECT: UHAZIE COTTAGE

424 Lake Mirror Dr
Lake Placid, FL 33852

CIVIL - STRUCTURAL - MARINE



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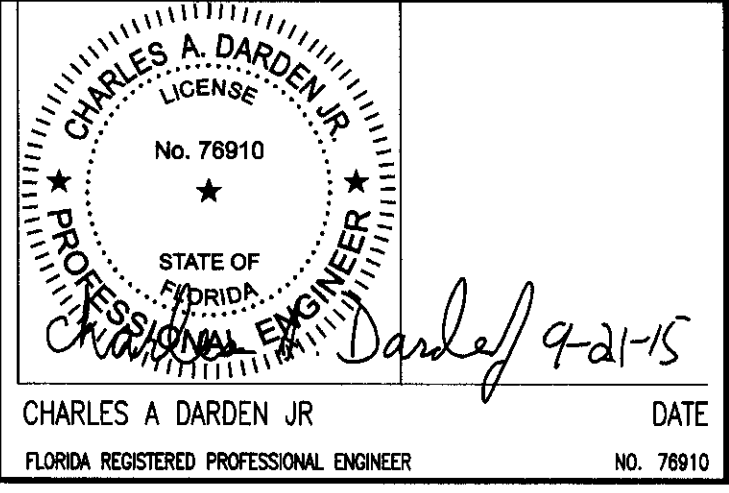
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ALL SCALES INDICATED PERTAIN TO 24"x36" PLOTS

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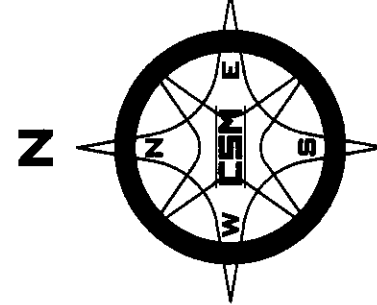
DESIGNED BY:	DRAWN BY:
CHECKED BY:	PLOT DATE: 22-Sep-2015
X:\LAKE PLACID COTTAGE2	
SCALE: AS SHOWN	PROJECT #:



SHEET NAME: Site Plan

SHEET #: C-1

LOT 2



S00°36'50"E 1103.76'(F)

PRESENT WATER ELEVATION = 92.6'

LOT 3

WETLAND "A" LIMITS
FLAGGED BY
LEW CARTER (POLSTON
ENGINEERING)
ON 4/20/2015

N00°36'50"W 1152.07'(P)(F)

LOT 4

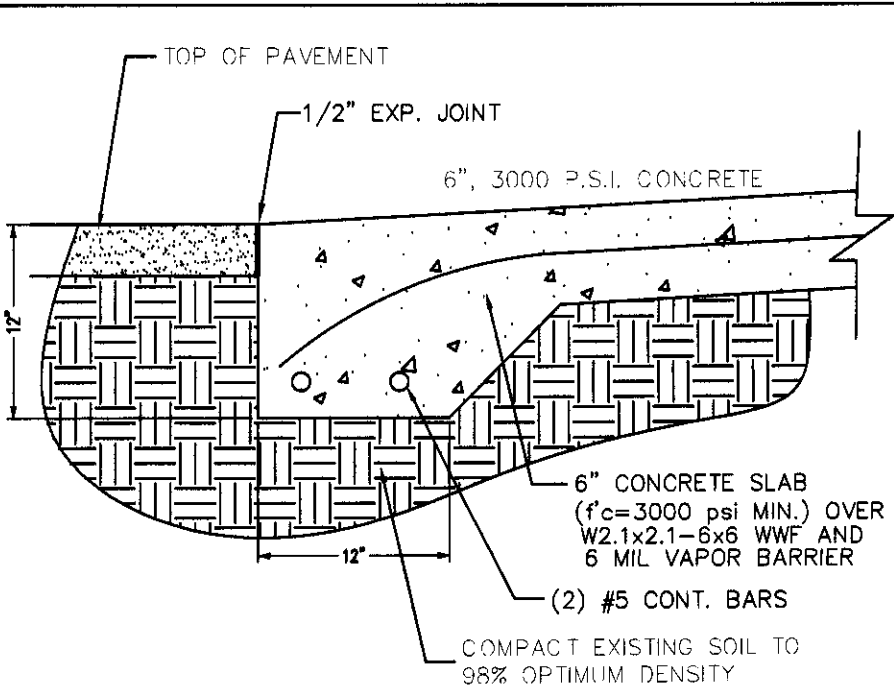
LOT 5

FINAL SITE PLAN
1" = 50'-0"

0 10 25 50 100

HATCH LEGEND

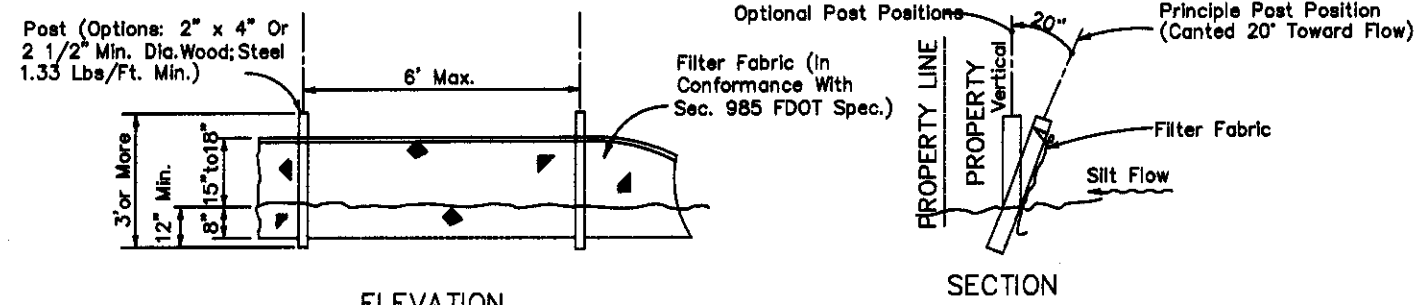
[Pattern]	WETLANDS
[Pattern]	BOARDWALK/DECK SHADE IMPACT AREA
[Pattern]	HOUSE SHADE IMPACT AREA
[Pattern]	CRUSHED STONE
[Pattern]	CONCRETE



CONCRETE APRON APPROACH

GENERAL DRIVEWAY APRON FOUNDATION NOTES:

- CONCRETE TO BE MIN 6" THICK OVER CLEAN, TREATED, COMPACTED FILL AND 5 MIL POLYETHYLENE VAPOR BARRIER.
- CONCRETE SLAB TO CONTAIN 6"x6" - 2.1x2.1 (MIN 1" COV) OR SYNTHETIC FIBER REINFORCEMENT.
- CONCRETE SHALL HAVE A MIN SPECIFIED COMPRESSIVE STRENGTH OF NOT LESS THAN 3000 PSI @28 DAYS.
- EXTEND CONCRETE APRON MIN. 10'-0" INTO PROPERTY.



ELEVATION

SECTION

Note: Silt Fence to be paid for under the contract unit price for Staked Silt Fence (LF).

FENCE SILT BARRIER

F.D.O.T. STD. INDEX NO. 102

NOTES:

- TEMPORARY EROSION CONTROL STRUCTURE TO BE UTILIZED DURING CONSTRUCTION AT AREAS DESIGNATED BY ENGINEER OR AREAS ON-SITE WHERE UNSTABILIZED GRADES MAY CAUSE EROSION PROBLEMS. EROSION CONTROL STRUCTURE MAY BE REMOVED AFTER URSLOPE AREA HAS BEEN STABILIZED BY SOO, OR COMPACTED AS DETERMINED BY CONTRACTOR.
- THE FOLLOWING LIST REPRESENTS A BASIC EROSION AND SEDIMENT CONTROL PROGRAM WHICH IS TO BE IMPLEMENTED TO HELP PREVENT OFF-SITE SEDIMENTATION DURING AND AFTER CONSTRUCTION OF THE PROJECT.
- PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AT THE EARLIEST PRACTICABLE TIME CONSISTENT WITH GOOD CONSTRUCTION PRACTICES. ONE OF THE FIRST CONSTRUCTION ACTIVITIES SHOULD BE THE PLACEMENT OF PERMANENT AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AROUND THE PERIMETER OF THE PROJECT OR THE INITIAL WORK AREA TO PROTECT THE PROJECT, ADJACENT PROPERTIES AND WATER RESOURCES.
- TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE COORDINATED WITH PERMANENT MEASURES TO ASSURE ECONOMICAL, EFFECTIVE, AND CONTINUOUS CONTROL THROUGHOUT THE CONSTRUCTION PHASE. TEMPORARY MEASURES SHALL NOT BE CONSTRUCTED FOR EXPEDIENCY IN LIEU OF PERMANENT MEASURES.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE ADEQUATELY MAINTAINED TO PERFORM THEIR INTENDED FUNCTION DURING CONSTRUCTION OF THE PROJECT.
- NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BARRIERS SHALL BE ACCOMPLISHED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL THAT MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
- MATERIAL FROM SEDIMENT TRAPS SHALL NOT BE STOCKPILED OR DISPOSED OF IN A MANNER WHICH MAKES THEM READILY SUSCEPTIBLE TO BEING WASHED INTO ANY WATERCOURSE BY RUNOFF OR HIGH WATER.
- ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE BARRIERS ARE NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEED.

ENLARGED DETAIL
1" = 10'-0"

0 10 25 50