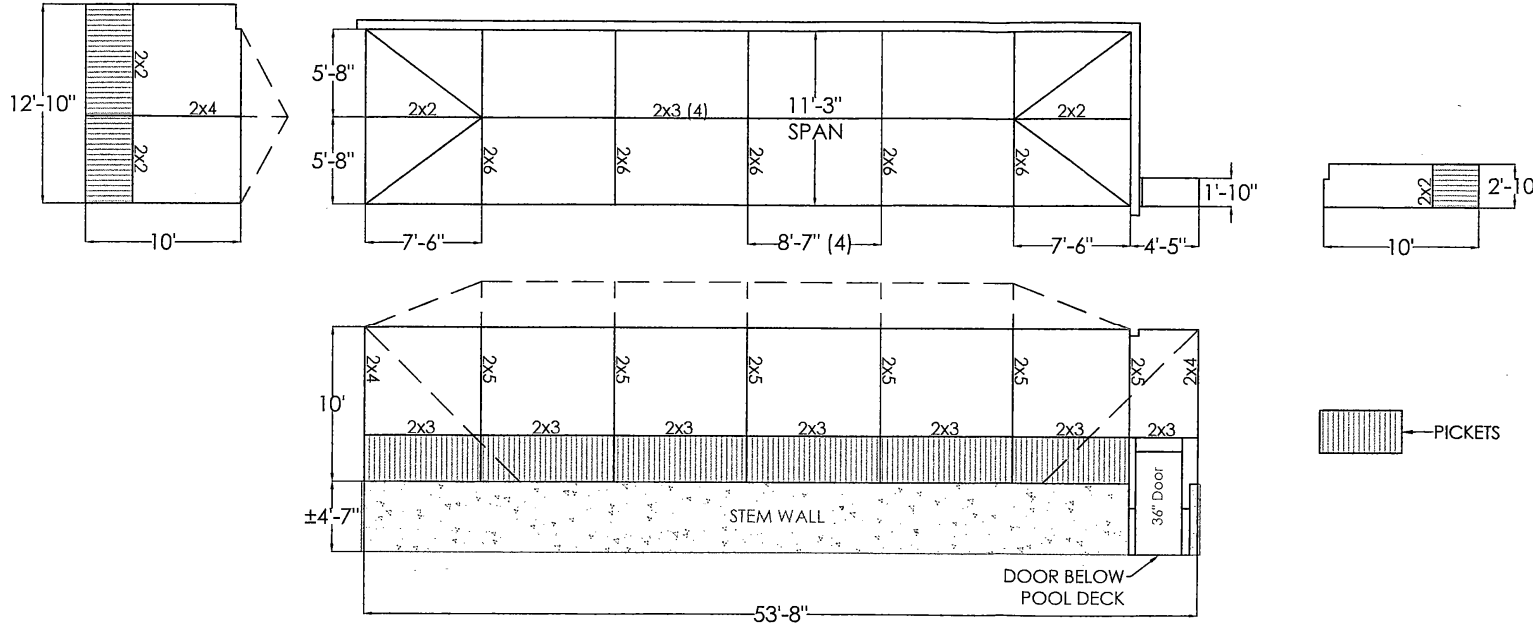


Permit # **PB24-1608**
REVIEWED FOR CODE COMPLIANCE
LONGBOAT KEY BUILDING DEPT.

DEC 17 2024

APPROVED
Reviewer: *Jonathan*



RECEIVED
DEC 13 2024
TOWN OF LONGBOAT KEY
Planning, Zoning & Building

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2x6 CL-SMB :Beam	SHEET 1 OF 3
2x4 CL-SMB, 2x5 CL-SMB :Column	RETAIL
:Special Size	
WHITE :Cage Color	
18/14 :Wall Screen	
18/14 :Roof Screen	
STAINLESS :Fasteners	
STAINLESS :Anchors	
STANDARD :Door Size	
WHITE 7" sc :Gutter	
Notes:	
PICKETS BELOW CHAIR-RAILS	
PER SEC. 1603.1.4 OF THE FBC, TORNADO LOADING IS NOT APPLICABLE FOR RISK CATEGORY I & II BUILDINGS OR OTHER STRUCTURES	
1) METAL STRUCTURES WITHIN 5 FT. OF SWIMMING POOLS SHALL BE GROUNDED PER NEC 480-2	
2) UNLESS NOTED, ANCHORS TO CONCRETE & MASONRY SHALL BE 3/8" X 3" OR APPROVED EQUAL	
3) SCREEN DOORS TO BE SELF CLOSING, 36" MIN. WID. WITH LATCH PLACED 56" ABOVE DECK FOR POOLS	
4) MINIMUM WALL THICKNESS TO BE .040" WITH NO NEGATIVE TOLERANCE	
5) LIVE LOAD FOR PRIMARY STRUCTURAL MEMBERS: 300 LBS. LIVE LOAD FOR SECONDARY STRUCTURAL MEMBERS: 200 LBS.	
NOTE: ALL FASTENERS SHALL BE STAINLESS STEEL, HOT-DIP OR ELECTRO-GALVANIZED STEEL.	
ALUMINUM CONTACTING METALS NOT CONSIDERED TO BE COMPATIBLE SHALL BE PROTECTED BY ZINC CHROMATE PRIMER AT LEAST ONE COAT OF SUITABLE PROTECTIVE COATING	
ALUMINUM CONTACTING WOOD SHALL BE PAINTED 2 COATS OF ALUMINUM METAL-AND-MASONRY PAINT OR A HEAVY COAT OF BEHREND'S PAINT OR THE WOOD SHALL BE PAINTED WITH ALUMINUM HOUSE PAINT AND THE JOINTS SEALED WITH GOOD QUALITY CAULKING COMPOUND.	
DESIGN CRITERIA: RESIDENTIAL BUILDING CODE, 8TH ED. (2023) R301.2.1 WIND DESIGN CRITERIA, FLORIDA BUILDING CODE 8TH ED., (2023) CHAPTER 16 SECTION: 1601.1602, 1605, 1609 CHAPTER 20 SECTION: 2001, 2002.3, 2002.4	
RISK CATEGORY II	
ALLOWABLE STRESS DESIGN	
ULTIMATE DESIGN WIND SPEED: 150	
EXPOSURE: D	
WALLS DESIGN WIND LOAD IN/OUT: 51.0/48.0	
ROOF: WIND LOAD UP AND DOWN: 14.0 PSF	
REDUCTIONS FOR: ALLOWABLE STRESS DESIGN (.4)	
18 X 14 SCREEN (.88) AND HEIGHT LESS THAN 15 FEET (.88)	
ALUMINUM ALLOY 6005-T5 UNLESS OTHERWISE SPECIFIED	
MAXIMUM SCREEN DENSITY OF 18 X 14 X .013 MESH	
LOAD COMBINATION = 24.0/21.6 PSF WALL AND 6.67 PSF ROOF	
SOLID SURFACES = NA PSF	
LOAD COMBINATION FOR HIP CONFIGURATION	
SQ. FOOTAGE	
W: 710.18 SQ. FT.	
R: 561.09 SQ. FT.	
T: 1271.27	
Comp. 0.00	
BLDG PERMIT PLANS	
SQ. FILE	
Copy of Record	

GILBERT
507735
651 PENFIELD STREET, LONGBOAT KEY, FL
SCREEN ENCLOSURE
County MANATEE
Drafter: RUSLAN K
Checked: Mark A. Smith
Date: 11/06/24
MARK A. SMITH
FL REG. #55511
64 E. MAIN ST.
CAMBRIDGE, NY 12816

MAX SPACING FOR #12 X 3/4" SMS SCREW IS 24" O.C.

MANSARD / ROOF BEAM SCHEDULE

SIZE	T1	T2	TYPE
2 x 6	.050	.135	CL-SMB

NOTES:
• ALL BEAM MATERIAL IS 6005-T5
• SEE PLAN FOR ROOF BEAM LOCATIONS
• SEE ELEVATION PROJECTIONS FOR COLUMN BEAM LOCATIONS

COLUMN BEAM SCHEDULE

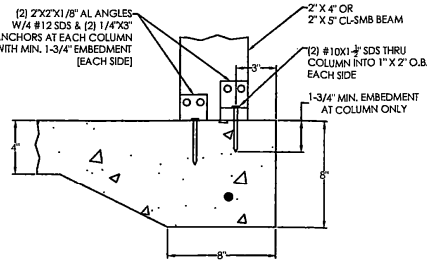
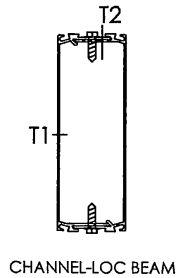
SIZE	T1	T2	TYPE
2 x 4	.045	.135	CL-SMB
2 x 5	.050	.135	CL-SMB

CARRIER BEAM SCHEDULE

SIZE	T1	T2	TYPE
2 x 4	.045	.135	CL-SMB
2 x 5	.050	.135	CL-SMB

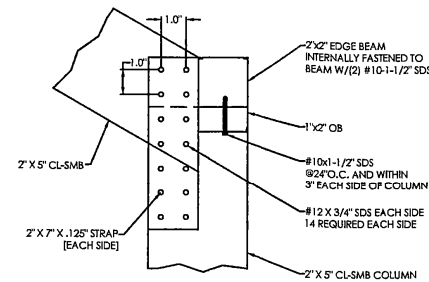
BEAM TO BEAM SCHEDULE

SIZE	TOTAL # OF FASTENERS TO COMPLETE THE CONNECTION (INCLUDES BOTH SIDES)	"A" MIN.	"B" MIN.	DISTANCE FROM EDGE (MIN)	VERTICAL SPACING	HORIZONTAL SPACING (MIN)	FROM EDGE (MIN)	PLATE THICKNESS
2 x 6 CL-SMB	40- #12 SMS	13.50"	5.50"	1.00"	4.50"	1.00"	0.50"	.125"

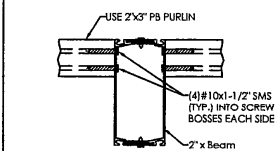


BASED ON SOIL BEARING CAPACITY OF 1,500 PSF
BASED ON 2,500 PSI CONCRETE
MIN 8" X 8" CONTINUOUS FOOTING W/ (1) #5 WHEN POURED MONOLITHICALLY WITH SLAB

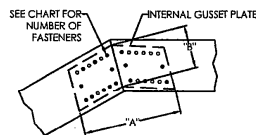
2x4 / 2x5 COLUMN ANCHORING



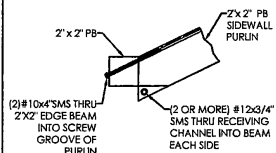
2x4/5 COLUMN TO BEAM DETAIL



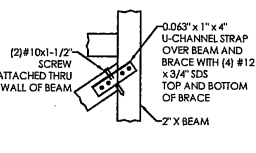
BEAM TO PURLIN CON.



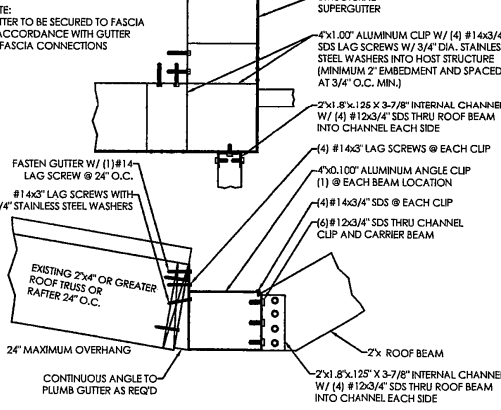
BEAM TO BEAM CON.



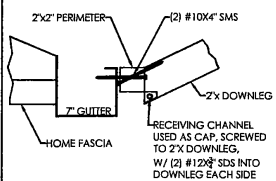
2" X DOWNLEG



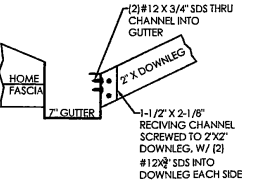
ROOF BRACE CONNECTION



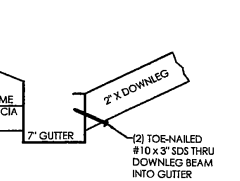
OUTSIDE MITER - CORNER GUTTER CON.



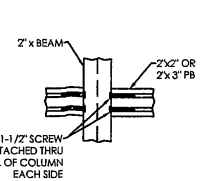
2" X DOWNLEG TO GUTTER



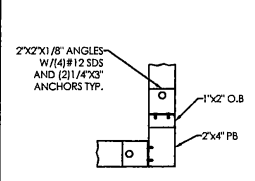
CLIPPED DOWNLEG TO GUTTER



OPTIONAL DOWNLEG CONN.



CHAIR RAIL CONNECTION



CORNER COLUMN DETAIL

BLDG PERMIT PLANS
FILE
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RECEIVED

NOV 15 2024
TOWN OF LONGBOAT KEY
Planning, Zoning & Building

SURVEY INFORMATION TAKEN FROM
BOUNDARY SURVEY BY:
RICHARD C. PARR SURVEYING
BRADENTON, FL
DATED: 05-17-92

GENERAL HARRIS STREET

61.3'

20' STREET
SETBACK
LINE

20' STREET
SETBACK
LINE

EXIS

21'

GARAGE
F.F. = +6'-0"

PROPOSED RESIDENCE PLAN
FIN FLR = +10'-4"

20' STREET
SETBACK
LINE

PENFIELD STREET

9.3'

9.4'

8'-0"
SIDE
SETBACK
LINE

WENZEL GROVE
- DELINEATION -
DATE: 04/20/2011 BY: [illegible]

BLDG. PERMIT / EDC, INC.
ENGLISH RESIDENCE
NOT FOR CONSTRUCTION
LONGBOAT KEY, FLORIDA

PRELIMINARY SITE PLAN

PRELIMINARY SITE PLAN LAYOUT
SCALE: 1/8" = 1'-0"

SITE PLAN NOTES:

LOWEST SLAB AT LIVING AREA SHALL BE MINIMUM 18" ABOVE LOWEST OF FRONTAGE ROAD OR AS NOTED ON PLANS.
CONTRACTOR SHALL VERIFY ELEVATION OF FINISH FLOOR SLAB WITH SIGNED AND SEALED SURVEY.
LOT DRAINAGE SHALL BE AS ALL LOCAL CODES, REGULATIONS AND RESTRICTIONS HAVING JURISDICTION.
SURFACE DRAINAGE SHALL NOT EXCEED ONE FOOT (1') VERTICAL RISE IN 10' FEET (10') HORIZONTAL DISTANCE WITHIN FIVE FEET (5') OF ANY PROPERTY LINE.
ALL ON-SITE DRAINAGE SHALL BE DIRECTED BY GRADES OR OTHER SYSTEMS TO AN OFF-SITE DRAINAGE FACILITY.
LANDSCAPING, IRRIGATION, SWELLING, ETC. SHALL BE AS ALL LOCAL CODES, REGULATIONS AND RESTRICTIONS HAVING JURISDICTION AND AS SELECTED BY BUILDER.
SWIMMING POOL, DECK, SPA, AND ASSOCIATED WORK IS TO BE PERMITTED SEPARATELY BY ENGINEERED SHOP DRAWINGS.

BLDG PERMIT PLANS
FILE
Copy of Record

DATE: 02/20/2024
BY: [illegible]
CHECKED BY: [illegible]
SCALE: 1/8" = 1'-0"