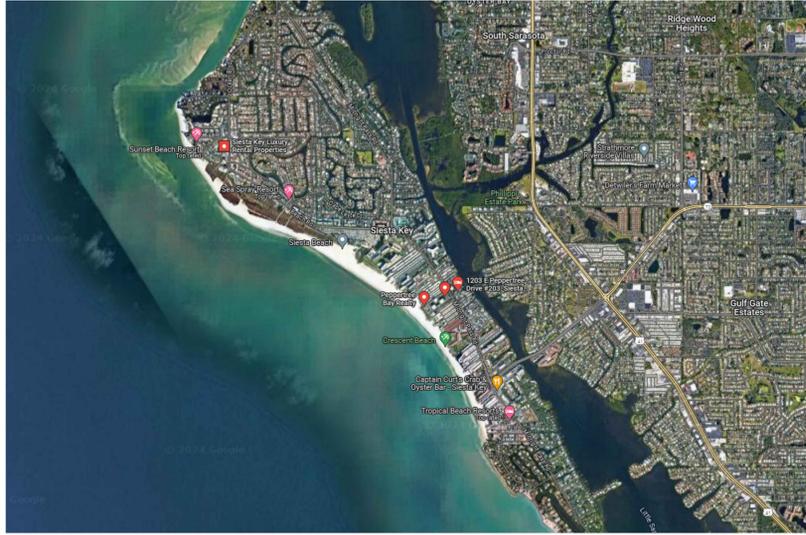


# STAIRS TEMPORARY SHORING

MIDNIGHT PASS ROAD, SARASOTA, FLORIDA 34242



1 VICINITY MAP

MIDNIGHT PASS ROAD, SARASOTA, FLORIDA 34242



2 PROJECT SITE MAP

## ABBREVIATIONS

AB	AIR BARRIER	MOD	MODIFIED
AD	AREA DRAIN	MTD	MOUNTED
ADH	ADHESIVE	MTL	METAL
AHJ	AUTHORITY HAVING JURISDICTION	N	NORTH
ALUM	ALUMINUM	NIC	NOT IN CONTRACT
ANC	ANCHOR, ANCHORED	NO	NUMBER
ANOD	ANODIZED	NSMF	NON-STRUCTURAL METAL FRAMING
APPROX	APPROXIMATE	NTS	NOT TO SCALE
ARCH	ARCHITECT, ARCHITECTURAL	OC	ON CENTER
ASPH	ASPHALT, ASPHALTIC	OD	OUTSIDE DIAMETER, OVERFLOW DRAIN
ASSY	ASSEMBLY	OH	OPPOSITE HAND
BD	BOARD	OPCI	OWNER PROVIDED, CONTRACTOR INSTALLED
BIT	BITUMEN, BITUMINOUS	OPOI	OWNER PROVIDED, OWNER INSTALLED
BLDG	BUILDING	PERF	PERFORATED
BLKG	BLOCKING	PL	PLATE
BM	BEAM	PLAS	PLASTER
BRKT	BRACKET	PLBC	PLUMBING
BTM	BOTTOM	PLYWD	PLYWOOD
BTW	BETWEEN	PT	PRESSURE TREATED
CEM	CEMENT, CEMENTITIOUS	PTD	PAINTED
CEN	CENTER	QTR	QUARTER
CFL	COUNTERFLASHING	R	RISER
CFMF	COLD FORMED METAL FRAMING	RAD	RADIUS
CL	CENTER LINE	RD	ROOF DRAIN
CMU	CONCRETE MASONRY UNIT	REF	REFER, REFERENCE
CNTR	COUNTER	REINF	REINFORCED
COL	COLUMN	REQD	REQUIRED
CONC	CONCRETE	RESIL	RESILIENT
COND	CONDITION	REV	REVISION
CPR	COPPER	RFC	ROOFING
DIA	DIAMETER	RO	ROUGH OPENING
DIM	DIMENSION	SAB	SOUND ATTENUATION BLANKET
DRN	DRAIN	SBR	SEALANT & BACKER ROD
DS	DOWNSPOUT	SCHED	SCHEDULE, SCHEDULED
DTL	DETAIL	SFRM	SPRAY APPLIED FIRE-RESISTIVE MATERIAL
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	SHT	SHEET
EJ	EXPANSION JOINT	SLNT	SEALANT
EQ	EQUAL	SS	STAINLESS STEEL
EQUIP	EQUIPMENT	STL	STEEL
ETR	EXISTING TO REMAIN	STRUCT	STRUCTURAL
EXP	EXPANSION	SYS	SYSTEM
EXST	EXISTING	T&G	TONGUE AND GROOVE
EXT	EXTERIOR	THRU	THROUGH
FD	FLOOR DRAIN	TME	TO MATCH EXISTING
FBLKG	FIREBLOCKING	TOC	TOP OF CONCRETE
FLSHG	FLASHING	TOST	TOP OF STEEL
FNDN	FOUNDATION	TWF	THROUGH WALL FLASHING
FP	FIREPROOFED, FIREPROOFING	UIO	UNLESS INDICATED OTHERWISE
FRJ	FIRE RESISTIVE JOINT	UL	UNDERWRITERS LABORATORIES
FRM	FRAME, FRAMED, FRAMING	UNDRLAY	UNDERLAYMENT
FRT	FIRE RETARDANT TREATED	UNF	UNFINISHED
FSTN	FASTENER	VB	VAPOR BARRIER
FT	FOOT, FEET	VERT	VERTICAL
GALV	GALVANIZED	VIF	VERIFY IN FIELD
HDR	HEADER	VNR	VENEER
HOR	HORIZONTAL	W/	WITH
HT	HEIGHT	W/O	WITHOUT
JST	JOIST	WB	WALL BOARD
MECH	MECHANICAL	WD	WOOD
MEMB	MEMBRANE	WNDW	WINDOW
MEP	MECHANICAL, ELECTRICAL, AND PLUMBING	WP	WORKPOINT, WATERPROOFING
MFR	MANUFACTURER, MANUFACTURED	WS	WATERSTOP
MIFRC	MASTIC AND INTUMESCENT FIRE RESISTIVE COATING	WTW	WALL-TO-WALL
MIN	MINIMUM	WWF	WELDED WIRE FABRIC
MIR	MIRROR	WWM	WELDED WIRE MESH
MISC	MISCELLANEOUS		
MNRL	MINERAL		

## DESIGN LOADS

DEAD LOADS: 15psf  
STAIR LIVE LOADS: 100psf  
RAIN LOAD: 5psf

WIND DESIGN DATA:

- ULTIMATE DESIGN WIND SPEED: 160 MPH
- NOMINAL DESIGN WIND SPEED: 124 MPH
- DIRECTIONALITY FACTOR (K/d): 0.85
- RISK CATEGORY: II
- EXPOSURE CLASSIFICATION: D
- INTERNAL PRESSURE COEFFICIENT (C<sub>p</sub>/C<sub>s</sub>): ±0.55
- MEAN ROOF HEIGHT: <30 FT

## GENERAL NOTES

SECURE AND PAY FOR ALL PERMITS AND GOVERNMENTAL FEES, LICENSES AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.

VERIFY ALL DIMENSIONS, EXISTING CONDITIONS, AND QUANTITIES PRIOR TO BEGINNING WORK.

NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY UNFORESEEN CONDITIONS.

DO NOT SCALE DRAWINGS.

OBTAIN OWNER APPROVAL FOR ALL COLORS AND FINISHES.

## CODES AND STANDARDS

ALL WORK MUST BE PERFORMED IN ACCORDANCE WITH:

- 2023 FBC - BUILDING, 8TH ED.
- 2023 FBC - EXISTING BUILDING, 8TH ED.
- ASCE/SEI 7-22
- NRCA WATERPROOFING MANUAL
- SMACNA ARCHITECTURAL SHEET METAL MANUAL
- MANUFACTURER'S INSTALLATION INSTRUCTIONS
- APPLICABLE FLORIDA PRODUCT APPROVALS
- INDUSTRY STANDARDS, GUIDES AND BEST PRACTICES
- FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS

## AMENDED CONSTRUCTION DOCUMENTS

WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS, AND ANY CHANGES MADE DURING CONSTRUCTION THAT ARE NOT IN COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS SHALL BE RESUBMITTED FOR APPROVAL AS AN AMENDED SET OF CONSTRUCTION DOCUMENTS.

## BUILDING DATA

OCCUPANCY: R2  
CONSTRUCTION TYPE: V

## MEANS OF EGRESS

NO CHANGE IN MEANS OF EGRESS

## DEFERRED SUBMITTALS

DEFERRAL OF ANY SUBMITTAL ITEMS SHALL HAVE THE PRIOR APPROVAL OF THE BUILDING OFFICIAL. THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE SHALL LIST THE DEFERRED SUBMITTALS ON THE CONSTRUCTION DOCUMENTS FOR REVIEW BY THE BUILDING OFFICIAL.

DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND FOUND TO BE IN GENERAL CONFORMANCE TO THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

LIST OF DEFERRED SUBMITTALS: NONE

## ENGINEER'S STATEMENT

TO THE BEST OF THE ENGINEER'S KNOWLEDGE, JUDGMENT AND BELIEF, THESE DRAWINGS WERE PREPARED TO COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING STANDARDS AND CODES:

2023 FBC - BUILDING, 8TH ED.  
2023 FBC - EXISTING BUILDING, 8TH ED.

THESE DRAWINGS ARE NOT VALID IF A NEW VERSION OF THE CODE IS ADOPTED BY THE AHJ PRIOR TO PERMITTING; AFTER ONE YEAR, UNLESS SIGNED BY A LICENSED PROFESSIONAL ENGINEER. THESE DRAWINGS SHALL BE VIEWED ON ARCH D (24 X 36) SHEETS. OTHER SHEETS ARE NOT VALID.

© DYNAMIC ENGINEERING DESIGN & INSPECTION

## DRAWING INDEX

G-001	COVER SHEET
G-002	REPAIR SCHED
S-5-01	SWITCHBACK STAIRS DETAILS
S-5-02	STRAIGHT STAIRS DETAILS
S-5-03	DETAILS



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## MATERIALS

	CONCRETE BLOCK		WOOD
	STONE		STEEL
	CONCRETE		WALL BOARD
	EARTH		PLASTER
	PLYWOOD		CAVITY DRN MATERIAL

OWNER NAME  
STREET ADDRESS, CITY, STATE, ZIP

## SYMBOLS

	ROOM NAME OFFICE		ROOM NAME & NUMBER
	REVISION REFERENCE - SEE REVISION SCHEDULE IN TITLEBLOCK OF THE SHEET WHERE REFERENCE IS INDICATED		ELEVATION SYMBOL
	SPOT ELEVATION SYMBOL		ELEVATION CHANGE SYMBOL
	EXTERIOR ELEVATION REFERENCE		BUILDING SECTION REFERENCE
	WALL SECTION REFERENCE		DETAIL REFERENCE
	DETAIL REFERENCE		DETAIL REFERENCE

1 MAP  
SCALE: N/A  
DRAWING TITLE - THE DRAWING NUMBER REFERS TO THE DRAWING. THE SCALE REFERS TO THE SCALE OF THE PARTICULAR DRAWING ON THE SHEET

	INTERIOR ELEVATION REFERENCE		PHOTOGRAPH REFERENCE - INDICATES APPROXIMATE LOCATION AND DIRECTION OF REFERENCED PHOTOGRAPH
	DOOR REFERENCE		KEY NOTE REFERENCE - SEE KEY NOTES ON THE SHEET WHERE REFERENCE IS INDICATED
	EXISTING COLUMN GRID TAG		NEW COLUMN GRID TAG
	TRUE NORTH		PLAN NORTH

STAIRS TEMPORARY SHORING

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PLEASE RECYCLE

REVISION DATE

ISSUED FOR REVIEW

DATE 1/1/24

PROJECT NUMBERS

DYNE: 4-24-00XX

COVER SHEET

G0.01

**STAIRS SCHEDULE**

BUILDING	UNITS	2nd FLOOR LANDING	STRAIGH STAIR	SWITCHBACK STAIR	DETAILS
12	6061 & 6065	REMOVE SOFFIT REPLACE LANDING BEAM	REMOVE AND REINSTALL TO REPLACE BEAM	NA	S5.01-S5.03
13	1217 & 1221	REMOVE SOFFIT, REMOVE WALL CLADDING	SHORE & REPLACE	SHORE & REPLACE	S5.01-S5.03
	1225 & 1229	REMOVE WALL CLADDING	REPLACE DAMAGED TREADS, MONITOR SEMI-ANNUALLY	SHORE & REPLACE	S5.01-S5.03
22	6021 & 6025	MONITOR SEMI-ANNUALLY	MONITOR SEMI-ANNUALLY	NA	S5.01-S5.03
	6029 & 6033	REPLACE LANDING BEAM	REMOVE AND REINSTALL TO REPLACE BEAM	NA	S5.01-S5.03
23	6028/ 6032	REMOVE SOFFIT, REMOVE WALL CLADDING	MONITOR SEMI-ANNUALLY	SHORE & REPLACE	S5.01-S5.03
	6036/ 6040	REMOVE WALL CLADDING	MONITOR SEMI-ANNUALLY	SHORE & REPLACE	S5.01-S5.03
24	6037/ 6041	REMOVE SOFFIT	SHORE & REPLACE	SHORE & REPLACE	S5.01-S5.03
	6045/ 6049	REMOVE SOFFIT	SHORE & REPLACE	SHORE & REPLACE	S5.01-S5.03
32	1106/ 1110	REMOVE SOFFIT	SHORE & REPLACE	SHORE & REPLACE	S5.01-S5.03
34	1130 & 1134	REMOVE SOFFIT	SHORE & REPLACE	NA	S5.01-S5.03
	1138/ 1142	REMOVE SOFFIT	SHORE & REPLACE	NA	S5.01-S5.03
35	1157/ 1161	REMOVE SOFFIT	SHORE & REPLACE	NA	S5.01-S5.03
	1165/ 1169	REMOVE SOFFIT	SHORE & REPLACE	NA	S5.01-S5.03
36	1141/ 1145	REMOVE SOFFIT	SHORE & REPLACE	NA	S5.01-S5.03
	1149/ 1153	REMOVE SOFFIT	SHORE & SOFFIT	NA	S5.01-S5.03
37	1156/ 1160	REMOVE SOFFIT	MONITOR SEMI-ANNUALLY	NA	S5.01-S5.03
38	1164/ 1168	REMOVE SOFFIT	SHORE & REPLACE	NA	S5.01-S5.03
43	6010/ 6014	REMOVE SOFFIT	MONITOR SEMI-ANNUALLY	SHORE & REPLACE	S5.01-S5.03
	6018/ 6022	REMOVE SOFFIT	MONITOR SEMI-ANNUALLY	SHORE & REPLACE	S5.01-S5.03
44	1077/ 1081	REMOVE SOFFIT	SHORE & REPLACE	SHORE & REPLACE	S5.01-S5.03
	1085/ 1089	REMOVE SOFFIT	MONITOR SEMI-ANNUALLY	SHORE & REPLACE	S5.01-S5.03
45	6044/ 6048	REMOVE SOFFIT	MONITOR SEMI-ANNUALLY	SHORE & REPLACE	S5.01-S5.03
45	6052/ 6058	REMOVE SOFFIT, REMOVE WALL CLADDING	MONITOR SEMI-ANNUALLY	SHORE & REPLACE	S5.01-S5.03
47	1041/ 1045	REMOVE SOFFIT	MONITOR SEMI-ANNUALLY	NA	S5.01-S5.03
52	1013/ 1017	REMOVE SOFFIT	SHORE & REPLACE	NA	S5.01-S5.03
	1021/ 1025	REMOVE SOFFIT	SHORE & REPLACE	NA	S5.01-S5.03
53	1030/ 1034	ALREADY SCHEDULED FOR REPLACEMENT	SHORED	NA	S5.01-S5.03
	1038/ 1042	REMOVE SOFFIT	MONITOR SEMI-ANNUALLY	NA	S5.01-S5.03
	1048/ 1052	MONITOR SEMI-ANNUALLY	MONITOR SEMI-ANNUALLY	NA	S5.01-S5.03

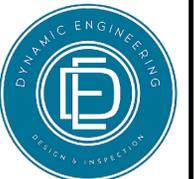
Matt to review



1 CAMPUS MAP - GULF SIDE  
SCALE: N/A



2 CAMPUS MAP - BAY SIDE  
SCALE: N/A



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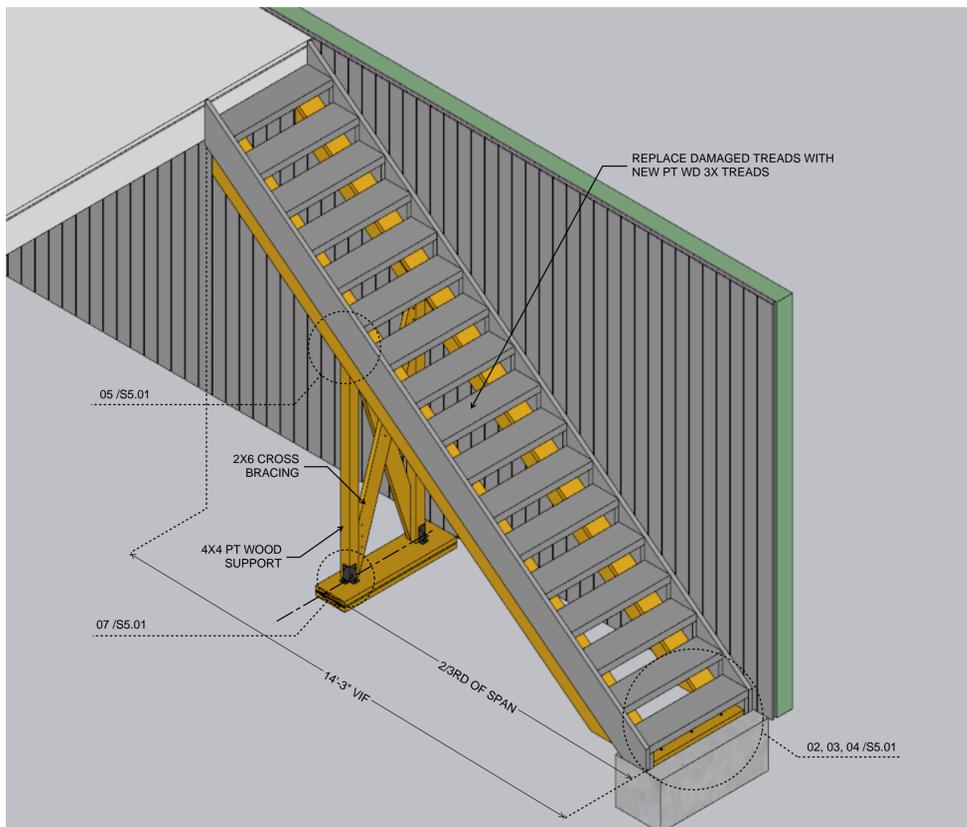
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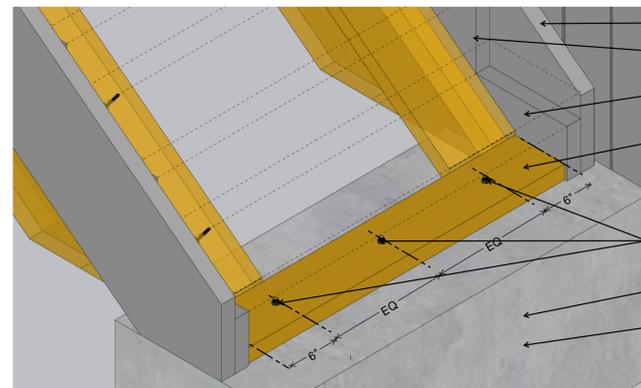
DYNE: 4-24-00XX

STAIR REPAIR SCHEDULE

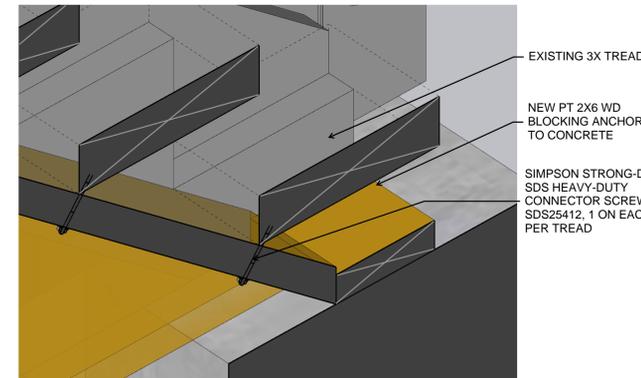
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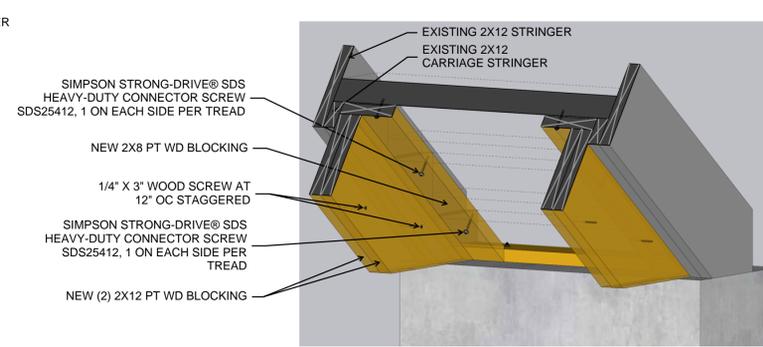
**1 STAIRS STRINGER SUPPORT**  
SCALE: N/A



**2 PT WD BLOCKING AT STAIR BASE**  
SCALE: N/A

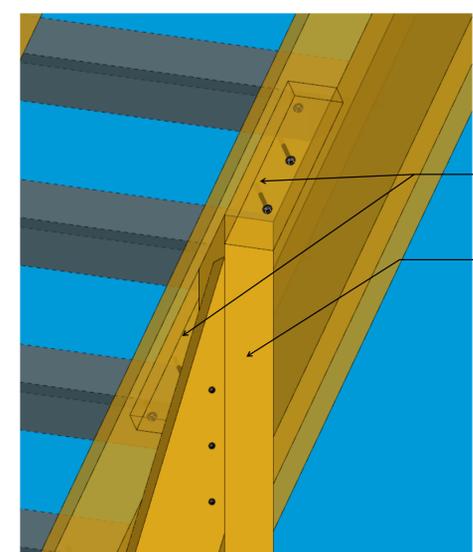


**3 NEW 2X8 STAIRS SUPPORT**  
SCALE: N/A

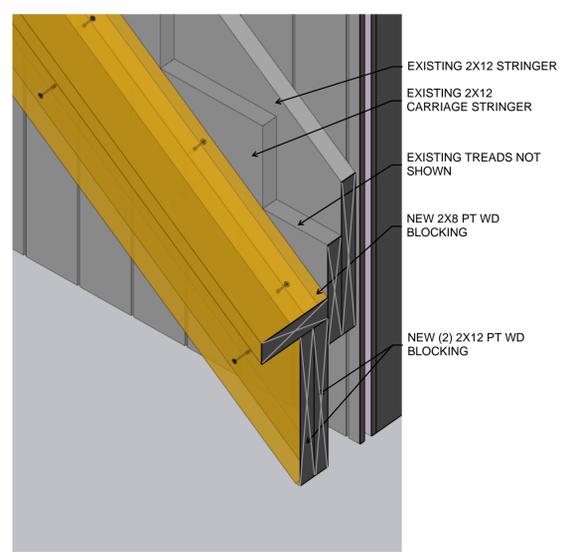


**4 NEW 2X STRINGERS**  
SCALE: N/A

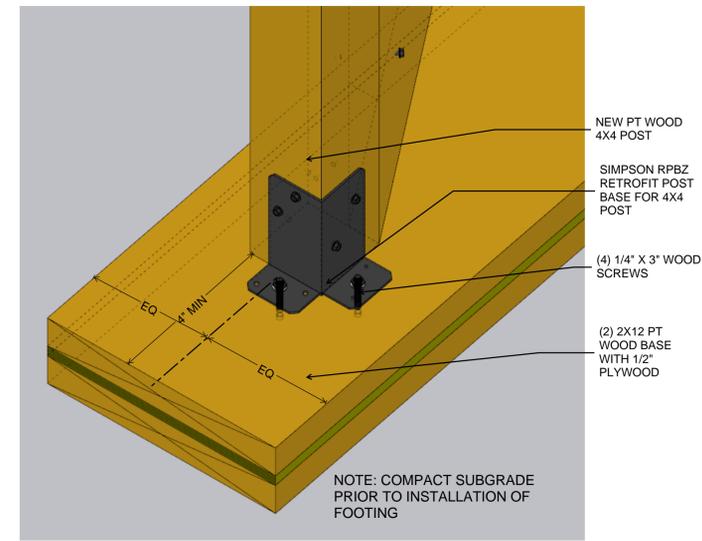
**STAIR SUPPORT NOTES**  
1. ENGINEER WILL INSPECT EACH BUILDING ON SITE AND RECOMMEND ADDITIONAL SUPPORT SYSTEM BASED ON THE CONDITION OF THE STAIRS



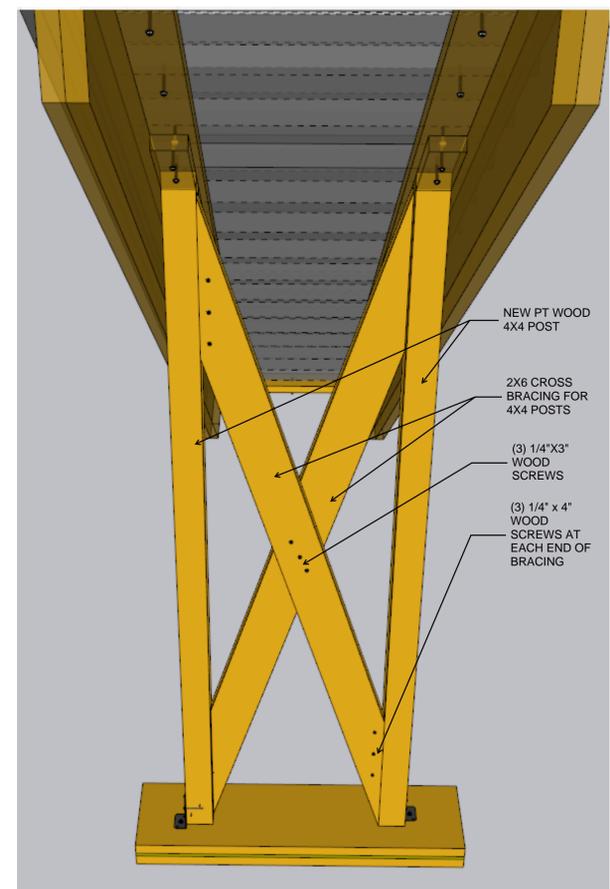
**5 NEW 4X4 POST SUPPORT**  
SCALE: N/A



**6 NEW 2X8 BLKG CONNECTION**  
SCALE: N/A



**7 BASE CONNECTION AT NEW 4X4 POST**  
SCALE: N/A



**8 4X4 POST BRACING**  
SCALE: N/A



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**STAIRS TEMPORARY SHORING**

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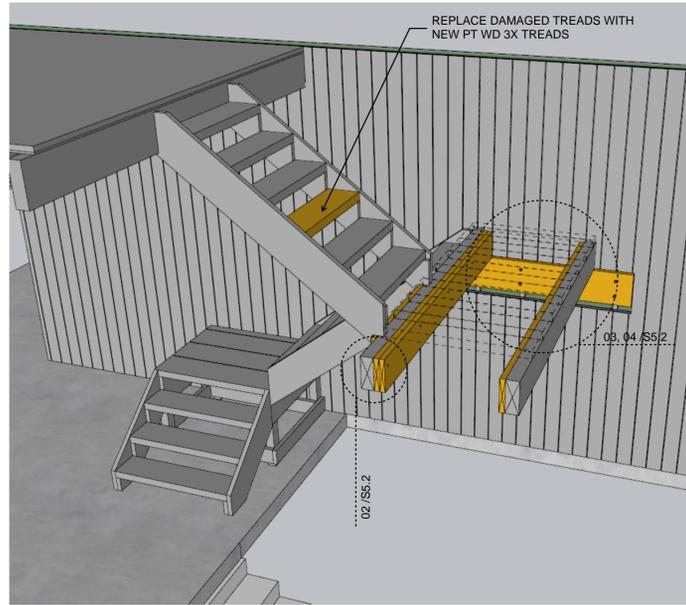
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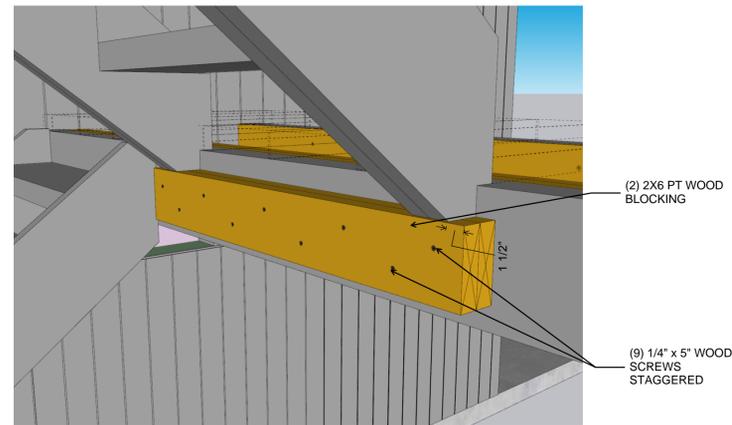
DYNE: 4-24-00XX

STRAIGHT STAIRS DETAILS

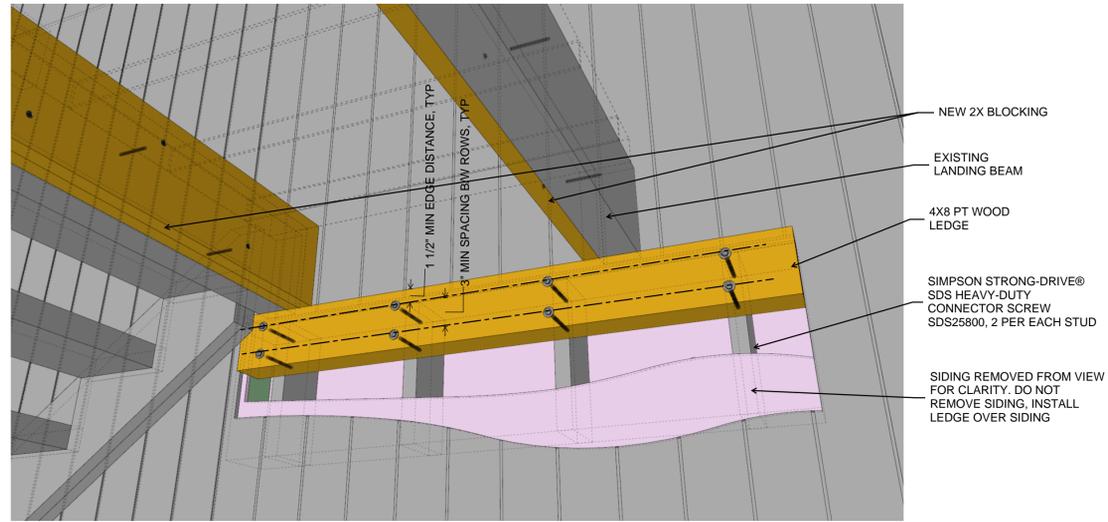
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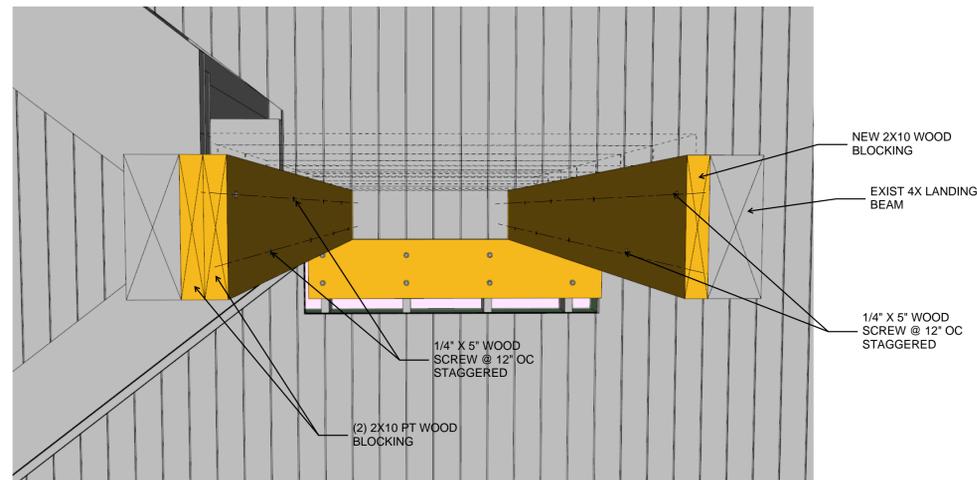
**1 SWITCHBACK STAIRS**  
SCALE: N/A



**2 STRINGER SUPPORT**  
SCALE: N/A



**3 LANDING BEAM LEDGE**  
SCALE: N/A



**4 LANDING BEAMS SUPPORT**  
SCALE: N/A

**STAIR SUPPORT NOTES**  
1. ENGINEER WILL INSPECT EACH BUILDING ON SITE AND RECOMMEND ADDITIONAL SUPPORT SYSTEM BASED ON THE CONDITION OF THE STAIRS



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SWITCHBACK STAIRS DETAILS

S5.02