CALIFORNIA COASTAL COMMISSION

455 MARKET STREET, SUITE 300 SAN FRANCISCO, CA 94105-2421 VOICE (415) 904-5251



Th16b

6-20-0200

(SEASCAPE SHORES HOMEOWNERS ASSOCIATION)

OCTOBER 15, 2020

EXHIBITS

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- Exhibit 1 Project Vicinity
- Exhibit 2 Stairway Photographs
- Exhibit 3 Design Plans

Exhibit 1 – Project Vicinity





Exhibit 2 – Stairway Photographs



March 2014



January 2016



SEASCAPE SHORES CONDOMINIUMS BEACH ACCESS STAIRWAY MAINTENANCE





NOT TO	SCALE						ASSESSOR PARC
COASTAL COMMISSION PERMIT	NO						298-051-09-01 THROU
SOLANA BEACH FIRE DEPARTMENT	SANTA FE IRRIGATION DISTRICT	ENGINEER OF WORK	CITY APPROVED CHANGES	APP'D DATE	RECOMMENDED FOR APPROVAL	APPROVED FOR CONSTRUCTION	BENCH MA
By: E Fire Chief Date:	By:By:By:Drawn E	By: <u>WALTER F. CRAMPTON</u> Date: <u>03-06-20</u> R.C.E.: 23792 Exp: 12-31-21			By:Date: By:Date:	By:Date: Mohammad Sammak, City Engineer R.C.E.: 37146 Exp: 06-30-20	DESCRIPTION: SDGPS-446 FD 2" BF 14492 "L488T18 1980 TRAVERSE PI OF SAN DIEGO" LOCATION: BRASSPLUG IN THE TOP CORNER OF VIA DE LA VALLE AND ELEV.: 62.647 DATUM: M.S.L.

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3	S-2	LANDING SAFETY GRATING DETAILS
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6	S-5	DETAILS, PHASE I & PHASE II
7	S-6	DETAILS, PHASE II

STANDARD REQUIREMENTS

GENERAL NOTES

- IMMEDIATELY OF ANY DISCREPANCIES.
- BUILT" INFORMATION TO THE ENGINEER.
- PUBLIC RIGHT-OF-WAY.
- HAS BEEN ISSUED.
- OPERATIONS BEGIN.

SITE SAFETY

TO MINIMIZE THIS HAZARD.

SITE ACCESS & STAGING AREA NOTES

- ACCESS.
- SHORELINE.
- WEEKEND AND LABOR DAY OF ANY YEAR.

APPLICANT

SEASCAPE SHORES HOMEOWNERS ASSOCIATION TOM RYAN, REPRESENTATIVE (858) 755-7497

PROJECT ADDRESS

325 SOUTH SIERRA AVENUE SOLANA BEACH, CA. 92075

JGH -51

1. ALL WORK, UNLESS OTHERWISE SPECIFIED, SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION AND SUPPLEMENTS OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION," SAN DIEGO REGIONAL STANDARD DRAWINGS AND CITY OF SOLANA BEACH ENGINEERING CONSTRUCTION STANDARDS.

1. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

2. NEITHER THE OWNERS, NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.

3. THE CONTRACTOR SHALL OBTAIN AND HAVE AVAILABLE ON THE JOB SITE COPIES OF APPLICABLE STANDARDS SHOWN ON THESE PLANS, AND BE FAMILIAR WITH THEIR REQUIREMENTS.

4. ALL CONSTRUCTION SHALL CONFORM TO ALL LOCAL CODES, ORDINANCES, RESTRICTIONS AND OSHA REQUIREMENTS.

5. NOTES AND DETAILS ON THE PLANS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES IN CASE OF CONFLICT.

6. UPON COMPLETION OF EACH DAY'S WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LEAVING THE WORK AREA FREE OF HAZARDS, AND SHALL PROVIDE ALL NECESSARY TEMPORARY SIGNS, WARNING DEVICES, AND BARRICADES

7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS BEFORE STARTING WORK, AND HE SHALL NOTIFY THE ENGINEER

8. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AT (858) 573-6900 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

9. THE CONTRACTOR SHALL KEEP ACCURATE AND LEGIBLE RECORDS ON A SET OF PROJECT BLUELINE PRINTS OF ALL CHANGES OF WORK WHICH OCCUR DURING PROJECT CONSTRUCTION. PRIOR TO FIELD ACCEPTANCE, THE CONTRACTOR SHALL DELIVER THIS "AS

10. A CONSTRUCTION, EXCAVATION OR ENCROACHMENT PERMIT FROM THE CITY ENGINEER WILL BE REQUIRED FOR ANY WORK IN THE

11. APPROVAL OF THESE PLANS BY THE CITY ENGINEER DOES NOT AUTHORIZE ANY WORK TO BE PERFORMED UNTIL A VALID PERMIT

12. THE CONTRACTOR SHALL NOTIFY THE CITY OF SOLANA BEACH AT (858) 720-2470, 24 HOURS BEFORE CONSTRUCTION

1. THE CONTRACTOR IS ADVISED THAT THE BLUFFS IN THE SITE VICINITY ARE HIGHLY UNSTABLE AND SUBJECT TO PROGRESSIVE FAILURES, WITH THE POTENTIAL FOR TENS TO HUNDREDS OF YARDS OF BLUFF-TOP MATERIALS TO COLLAPSE WITH LITTLE, IF ANY, WARNING. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING WHATEVER SAFETY PRECAUTIONS HE DEEMS NECESSARY

1. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ALLEYS, SIDEWALKS, PRIVATE DRIVEWAYS, AND PUBLIC STREETS AT ALL TIMES. 2. CONSTRUCTION EQUIPMENT AND ACTIVITIES PERFORMED ON THE SANDY BEACH AREA SHALL NOT RESTRICT LATERAL PUBLIC

3. ACCESS CORRIDORS SHALL BE LOCATED IN A MANNER THAT HAS THE LEAST IMPACT ON PUBLIC ACCESS TO AND ALONG THE

4. CONSTRUCTION SCHEDULE: NO WORK SHALL OCCUR ON THE BEACH ON WEEKENDS, HOLIDAYS OR BETWEEN MEMORIAL DAY

5. NO OVERNIGHT STORAGE OF EQUIPMENT OR MATERIALS SHALL OCCUR ON SANDY BEACH OR PUBLIC PARKING SPACES AT FLETCHER COVE. DURING THE CONSTRUCTION STAGES OF THE PROJECT, THE PERMITTEE SHALL NOT STORE ANY CONSTRUCTION MATERIALS OR WASTE WHERE IT WILL BE OR COULD POTENTIALLY BE SUBJECT TO WAVE EROSION AND DISPERSION.

ZONING

HRd (HIGH RESIDENTIAL)

OVERLAY ZONES

HR, OSR/SP

TERRACOSTA CONSULTING GROUP ENGINEERS & GEOLOGISTS

3890 MURPHY CANYON ROAD, SUITE 200 SAN DIEGO, CALIFORNIA 92123 (858) 573-6900

ATTACHMENT 3

CEL NUMBERS

		()		
K	CITY OF SOLANA BEACH	ENGINEERING DEPARTMENT	DRAWING NO.	
DISK IN TC PER ROS INT LS 4300 COUNTY OF CURB AT SOUTHEAST	T-1			
OLANA CIRCLE	BEACH ACCESS STAIR		SHEET 1 OF	7



CITY APPROVED CHANGES	APP'D	DATE	RECOMMENDED	FOR APPROVAL	AF	PROVED FOF	R CONSTRUCTION		BENCH MAI
			By:	Date:	By: Moł R C	nammad San F: 37146	Date: nmak, City Engineer Exp: 06-30-20	DESCRIPTION: SDC 14492 "L488T18 OF SAN DIEGO" LOCATION: BRASS CORNER OF VIA	3PS-446 FD 2" BF 1980 TRAVERSE PC PLUG IN THE TOP DE LA VALLE AND
								<u>ELEV.:</u> 02.047	<u>DATUM:</u> M.S.L.

Drawn By

District Engineer Date: _

Date: ___

Fire Chief

R.C.E.: 23792 Exp: 12-31-21

		Broomer He:
. DISK IN TC PER ROS DINT LS 4300 COUNTY		6 1
OF CURB AT SOUTHEAST	SEASCAPE SHORES CONDOMINIUMS	5-1
SOLANA CIRCLE	BEACH ACCESS STAIRWAY MAINTENANCE	SHEET 2 of 7

District Engineer Date: ___

Fire Chief

Date: ____

SAFETY GRATING SPECIFICATIONS

Foot of Width at Mid Span

McNICHOLS' FIBERGLASS GRATING

MS-S-150 | 1-1/2" GRID HEIGHT | 1-1/2" × 1-1/2" SQUARE GRID

CLEAR	LOAD	D LBS./SF - DEFLECTION IN INCHES								SAFE LOAD	DEFLECTION	
SPAN	TYPE	50	100	150	200	250	300	400	500	FACTOR 5:1	DEFLEG HUN	
10"	U	<0.010	<0.010	<0.010	<0.010	<0.010	0.011	0.014	0.018	3120	0.111	
12	C	<0.010	<0.010	<0.010	0.011	0.014	0.017	0,023	0.028	1560	0,089	
10"	U	<0.010	0.014	0.021	0.028	0.036	0.043	0.057	0.071	1386	0.197	
18	С	<0.010	0.015	0.023	0.030	0.038	0.046	0.061	0.076	1040	0.158	
0.4	U	0.021	0.042	0.063	0.084	0.104	0.125	0.167	0.209	780	0.326	
24	С	0.017	0.033	0.050	0.067	0.084	0.100	0.134	0.167	780	0.261	
00"	U	0.047	0.094	0.141	0.188	0.235	0.283	0.377	0.471	496	0.467	
30	C	0.030	0.060	0.090	0.121	0.151	0.181	0.241	0.301	620	0.374	
00"	U	0.096	0.192	0.288	0.384	0.480	0.576			347	0.666	
30	С	0.051	0.102	0.154	0.205	0.256	0.307	0.410	0.512	520	0.533	
40"	U	0,175	0.350	0.525		-	-			251	0.881	
42	C	0.080	0.160	0.240	0.320	0.400	0.480	0.641	0.801	440	0.705	
4.0	U	0.287	0.573			iei.			(++)	170	0,975	
48"	C	0.115	0.229	0.344	0,459	0.573	0.688	-		340	0.780	

CITY APPROVED CHANGES	APP'D DATE	-	RECOMMENDED FOR APPROVAL	APPROVED FOR CONSTRUCTION	BENCH MARK	CITY OF SOLANA BEACH	ENGINEERING DEPARTMENT	DRAWING NO.
		B	y:Date:	_ By:Date: Mohammad Sammak, City Engineer	DESCRIPTION: SDGPS-446 FD 2" BR. DISK IN TC PER ROS 14492 "L488T18 1980 TRAVERSE POINT LS 4300 COUNTY OF SAN DIEGO" LOCATION: BRASSPLUG IN THE TOP OF CURB AT SOUTHEAST	SEASCAPE SHORES COND	OMINIUMS	S-2
		- By	y:Date:	_ R.C.E.: 37146 Exp: 06-30-20	CORNER OF VIA DE LA VALLE AND SOLANA CIRCLE ELEV.: 62.647 <u>DATUM:</u> M.S.L.	BEACH ACCESS STAIRWAY M		SHEET 3 of 7

MOLDED

FIBERGLASS LOAD TABLE

I echnical information provided is theoretical and for evaluation by technically skilled persons only, with any use thereof to be at their independent discretion and risk. MCNICHOLS shall have no responsibility or liability for results obtained or damages resulting from improper evaluation or use of Fiberglass Grating.

TERRACOSTA CONSULTING GROUP

ENGINEERS & GEOLOGISTS 3890 MURPHY CANYON ROAD, SUITE 200 SAN DIEGO, CALIFORNIA 92123 (858) 573-6900

ושפ	NEKAL NUTES:	LUI	
1.	NO PORTION OF STRUCTURAL RELATED WORK, INCLUDING SHOP DRAWING DEVELOPMENT, SHALL BE PERFORMED WITHOUT CONSIDERING REQUIREMENTS OF CONTRACT DOCUMENTS IN THEIR ENTIRETY	1.	WOOD FRAMED CONSTRUCTION SHALL CONFORM TO CHAPTE THE CALIFORNIA BUILDING CODE (LATEST EDITION).
	DETAILS AND SCHEDULES INDICATED AS "TYPICAL" MAY NOT BE SPECIFICALLY REFERENCED ON DRAWINGS. DETERMINE WHERE EACH TYPICAL DETAIL OR SCHEDULE APPLIES BEFORE PROCEEDING WITH WORK	2.	STRUCTURAL LUMBER SHALL BE STRESS-MARKED DOUGLAS S4S IN ACCORDANCE WITH GRADING AND DRESSING RULE NO THE WEST COAST LUMBER INSPECTION BUREAU (WCLIB) LAT EDITION.
	IF CONDITIONS ARE FOUND WHICH ARE NOT SPECIFICALLY DETAILED AND NO TYPICAL DETAIL OR SCHEDULE APPLIES PROMPTLY NOTIFY THE ARCHITECT (STRUCTURAL ENGINEER OF RECORD).	3.	LUMBER SHALL NOT BE BORED OR NOTCHED, EXCEPT WHER DETAILED.
-	OPENINGS, POCKETS, CORE DRILLING, ETC. SHALL NOT BE PLACED IN STRUCTURAL MEMBERS UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS. NOTIFY THE STRUCTURAL ENGINEER OF RECORD	4.	PROVIDE ASTM A153 HOT DIPPED GALVANIZED OR STAINLESS FASTENERS AND HARDWARE CONNECTORS AT PRESSURE TH STRUCTURAL LUMBER.
	WHEN DRAWINGS BY OTHERS INDICATE OPENINGS, POCKETS, CORE DRILLING, ETC., NOT INDICATED ON THE STRUCTURAL DRAWINGS, BUT WHICH ARE LOCATED IN STRUCTURAL MEMBERS	5.	LUMBER MINIMUM GRADE (UON ON PLAN):
	THE CONTRACTOR SHALL REVIEW EXISTING CONDITIONS ON THE SITE DURING THE BIDDING. THE CONTRACTOR SHALL VERIES ALL DIMENSIONS		A. <u>STRUCTURAL MEMBERS.</u> BEAMS, STRINGERS, BRACES NO. 1 HEAVY TIMBER HANDRAILS, TREADS, MISC NO. 1 HEAVY TIMBER
	PRIOR TO STARTING WORK. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES PRIOR TO PROCEEDING.	6.	PROVIDE HOLES FOR BOLTS 1/32" TO 1/16" LARGER THAN THE BOLT DIAMETER.
	UNLESS NOTED OR SHOWN OTHERWISE, ALL PHASES OF WORK ARE TO CONFORM TO THE MINIMUM STANDARDS OF THE CALIFORNIA BUILDING CODE LATEST EDITION AND ANY ASTM SPECIFICATIONS ON WHICH THESE STANDARDS ARE BASED. WHERE CONFLICT BETWEEN BUILDING CODES AND SPECIFICATIONS OCCUR, THE MOST STRINGENT REQUIREMENTS SHALL	7.	LEAD HOLES FOR LAG SCREWS SHALL HAVE THE SAME DIAME THE SHANK FOR THE UNTHREADED PORTION OF THE SHANK, OF THE SHANK DIAMETER FOR THE THREADED PORTION. ALL SCREWS SHALL BE INSERTED BY TURNING WITH A WRENCH A BY DRIVING WITH A HAMMER.
	ALL ASTM DESIGNATIONS REFERRED TO ON THESE DRAWINGS SHALL BE THE LATEST ADOPTED OR REVISED SPECIFICATION, AS OF THE DATE OF THESE DRAWINGS.	8.	THE MOISTURE CONTENT OF WOOD MEMBERS SHALL NOT EX PERCENT, BEFORE INSTALLATION. IT WILL BE THE RESPONSIE THE INSPECTOR OF RECORD TO VERIFY THAT THE CONTRACT SUPPLIED LUMBER OF THE PROPER MOISTURE CONTENT BEF INSTALLATION. THE USE OF A HAND HELD MOISTURE CONTENT
	ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS. DRAWINGS SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES.	9.	IS ACCEPTABLE. BEAMS, JOISTS, RAFTERS, ETC. SHALL BE INSTALLED WITH TH SIDE UP.
5.	NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.		
).	THE STRUCTURAL CONTRACT DOCUMENTS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. UNLESS NOTED OTHERWISE, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION.		
).	THE STRUCTURAL ENGINEER WILL NOT ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING AND BRACING AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS. SITE OBSERVATION VISITS BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE SAFETY ITEMS.		
1.	CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED FLOORS OR ROOF. LOAD SHALL NOT EXCEED DESIGN LIVE LOAD FOR EACH PARTICULAR LEVEL. WHEN WEIGHT OF MATERIALS OR EQUIPMENT MAY EXCEED DESIGN LOAD, STRUCTURAL SYSTEMS SHALL BE SHORED.		
2.	WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF THE WORK. THE DETAILS SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.		

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STRUCTURAL STEEL AND MISCELLANEOUS METAL:

- 1. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36.
- 2. THREADED RODS SHALL CONFORM TO ASTM A36.
- 3. BOLTS SHALL CONFORM TO ASTM A307.
- 4. WASHERS SHALL CONFORM TO ASTM F844, UNO.
- 5. WASHERS SHALL BE USED UNDER ALL BOLT HEADS AND NUTS.
- 6. ALL STEEL AND STEEL HARDWARE SHALL BE HOT DIP GALVANIZED PER ASTM A 123, MIN. 2.0 OZ/SF.
- 7. STEEL HARDWARE SHALL BE GALVANIZED PER ASTM A 153, MIN. 2.0 OZ/SF.

FIBRWRAP GENERAL NOTES:

- 1. FIBRWRAP SHALL BE MANUFACTURED PER FYFE
- 2. PREPARE ALL SURFACES TO RECEIVE COMPOSITE STRENGTHENING BY REMOVING DUST AND DEBRIS FROM SURFACES USING COMPRESSED AIR, BROOMS OR VACUUM.
- 3. CLEARLY MARK ALL LOCATIONS TO RECEIVE COMPOSITE.
- 4. APPLY ONE PRIME COAT OF TYFO® SW-1S EPOXY TO ALL AREAS TO RECEIVE COMPOSITE STRENGTHENING (EPOXY MAY BE THICKENED WITH CAB-O-SIL BASED ON THE SITE CONDITIONS AS DETERMINED BY THE ON-SITE FIBRWRAP® TECHNICIAN).
- 5. IMMEDIATELY APPLY THE PRE-CUT AND PRE-SATURATED TYFO® FIBRWRAP® SYSTEM TO THE REQUIRED LOCATIONS AS DETAILED.
- 6. FINISH ALL SEAMS AND EDGES WITH THICKENED TYFO® S EPOXY.
- 7. ALLOW APPROXIMATELY 12-HOURS (TIME MAY BE ADJUSTED BY THE ON-SITE FIBRWRAP® TECHNICIAN) OF CURE TIME PRIOR TO FINISH COATING.
- 8. FINISH WITH TYFO® SW-1S.

FIBRWRAP MATERIALS:

CFRP: TYFO[®] SEH-51A

PRIMER: TYFO[®] SW-1S EPOXY & THICKENED TYFO[®] S EPOXY

THICKENED TYFO[®] S EPOXY: TYFO[®] S EPOXY THICKENED WITH CAB-O-SIL TO PROVIDE A SMOOTH BASE FOR APPLYING THE FIBER-EPOXY RESIN LAMINATES. THE AMOUNT OF CAB-O-SIL ADDED SHALL NOT EXCEED 7% BY WEIGHT AND IS FIELD ADJUSTED BASED ON APPLICATION AND TEMPERATURE.

	ENGINEER OF WORK	CITY APPROVED CHANGES	APP'D	DATE	BENCH MARK
PC Drawn By	By: <u>GUY KELSEY</u> Date: <u>2-11-20</u> R.S.E.: 6099				LOCATION: BRASSPLUG IN THE TOP —EAST CORNER OF VIA DE LA VALLE <u>DESCRIPTION:</u> SDGPS—446 FD 2" BR ROS 14492 "L488T18 1980 TRAVERS COUNTY OF SAN DIEGO" <u>ELEV.:</u> 62

ENGINEERING DEPARTMENT

	CITY OF SOLANA BEACH
AND SOLANA CIRCLE AND SOLANA CIRCLE DISK IN TC PER POINT LS 4300 47 <u>DATUM:</u> M.S.L.	SEASCAPE SHORES BEACH ACCESS STAIR

SEASCAPE SHORES CONDOMINIUMS -BEACH ACCESS STAIRWAY MAINTENANCE DRAWING NO.

S-3 SHEET 4 OF 7

	ENGINEER OF WORK			CITY APPROVED CHANGES	APP'D	DATE	BENCH MAR
[PC)rawn By	By: <u>GUY KELSEY</u> R.S.E.: 6099	Date: <u>2–11–20</u>				LOCATION: BRASSPLUG IN THE TOF –EAST CORNER OF VIA DE LA VALL <u>DESCRIPTION:</u> SDGPS–446 FD 2" BI ROS 14492 "L488T18 1980 TRAVER COUNTY OF SAN DIEGO" <u>ELEV.:</u> 62

IYPICAL				
STRINGER	&	BEAM	SECTION	
SCALE: NTS				

ENGINEER OF WORK			CITY APPROVED CHANGES	APP'D	DATE	BENCH MARF	
-	PC Drawn By	By: <u>GUY KELSEY</u> R.S.E.: 6099	_ Date: <u>2–11–20</u>				LOCATION: BRASSPLUG IN THE TOP —EAST CORNER OF VIA DE LA VALLE <u>DESCRIPTION:</u> SDGPS—446 FD 2" BR ROS 14492 "L488T18 1980 TRAVERS COUNTY OF SAN DIEGO" <u>ELEV.:</u> 62

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- 1. FIBRWRAP SHALL BE MANUFACTURED PER FYFE
- PREPARE ALL SURFACES TO RECEIVE COMPOSITE STRENGTHENING BY REMOVING DUST AND DEBRIS FROM SURFACES USING COMPRESSED AIR, BROOMS OR VACUUM.
- 3. CLEARLY MARK ALL LOCATIONS TO RECEIVE COMPOSITE.
- 4. APPLY ONE PRIME COAT OF TYFO® SW-1S EPOXY TO ALL AREAS TO RECEIVE COMPOSITE STRENGTHENING (EPOXY MAY BE THICKENED WITH CAB-O-SIL BASED ON THE SITE CONDITIONS AS DETERMINED BY THE ON-SITE FIBRWRAP® TECHNICIAN).
- 5. IMMEDIATELY APPLY THE PRE-CUT AND PRE-SATURATED TYFO® FIBRWRAP® SYSTEM TO THE REQUIRED LOCATIONS AS DETAILED.
- 6. FINISH ALL SEAMS AND EDGES WITH THICKENED TYFO® S EPOXY.
- ALLOW APPROXIMATELY 12-HOURS (TIME MAY BE ADJUSTED BY THE ON-SITE FIBRWRAP® TECHNICIAN) OF CURE TIME PRIOR TO FINISH COATING.
- 8. FINISH WITH TYFO® SW-1S.

ENGINEERING DEPARTMENT

SEASCAPE SHORES CONDOMINIUMS -BEACH ACCESS STAIRWAY MAINTENANCE

CITY OF SOLANA BEACH

DRAWING NO.

S-6 Sheet **7** of **7**