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STORM PANELS, S.A. DE C.V.

CONCRETE ADHESIVE ANCHOR

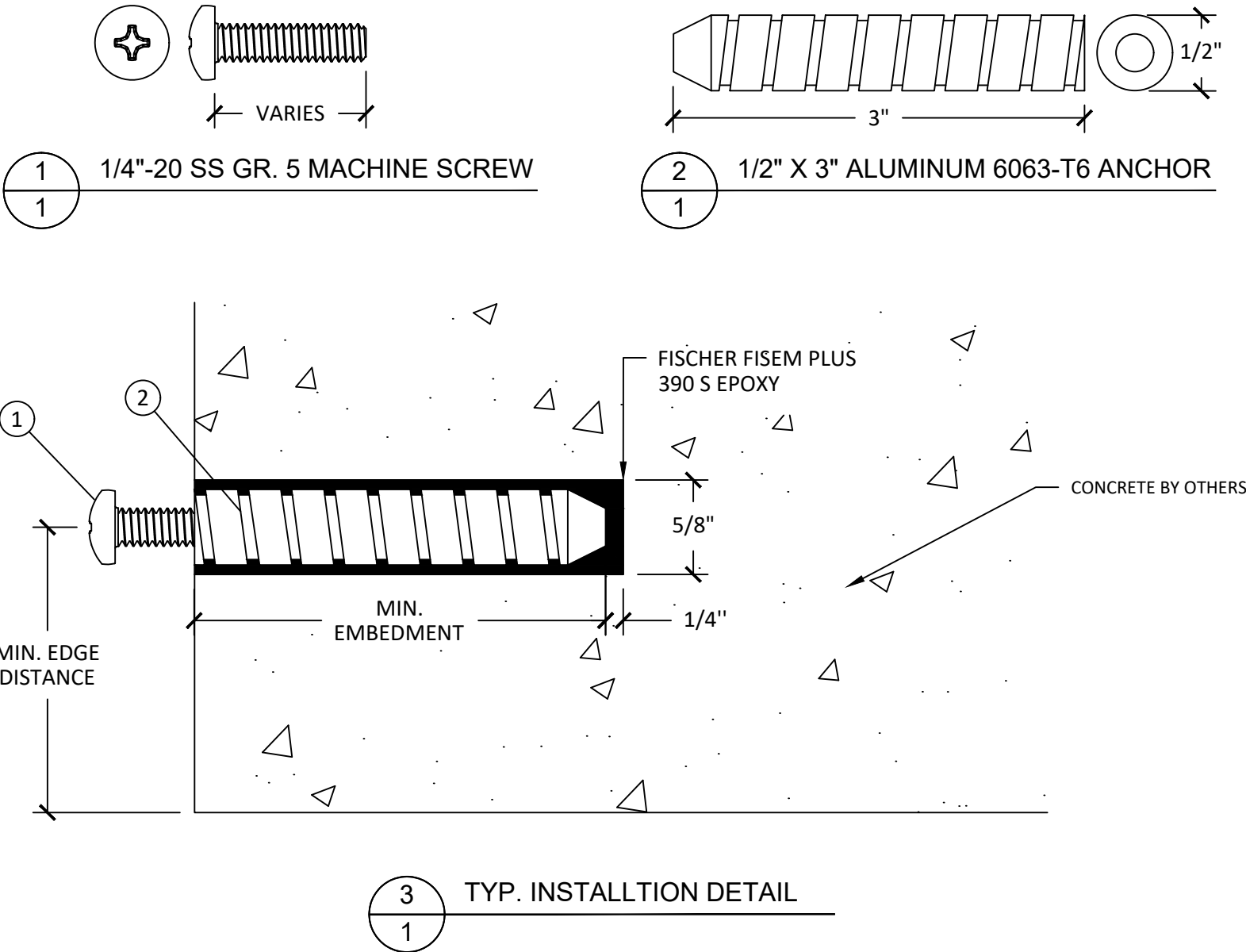
GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM E488-15
 - ACI 318-19
- ANCHOR INSTALLATION SHALL BE MADE IN ACCORDANCE WITH THIS INSTALLATION DRAWING SET AND THE MANUFACTURES PUBLISHED INSTALLATION INSTRUCTIONS.
- CONCRETE SHALL CONFORM TO ACI 301 SPECIFICATIONS, WITH A MINIMUM COMPRESSIVE STRENGTH OF $f'c = 3000$ PSI AS STATED HEREIN.
- ALLOWABLE LOAD SHOWN = ULTIMATE LOAD DIVIDED BY 4.0 FOR CONCRETE ANCHORS.
- ANCHOR CAPACITY AT SPECIFIC EMBEDMENT DEPTH AND EDGE DISTANCE ARE BASED ON THE TEST RESULTS. EMBEDMENT DEPTH AND EDGE DISTANCE VALUES BELOW THE VALUES SHOWN HEREIN ARE NOT ACCEPTABLE.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- THE ANCHOR VALUES LISTED IN THIS DOCUMENT HAVE BEEN DEVELOPED USING THE TESTED DATA AND HAVE BEEN VERIFIED BASED ON THE STANDARDS LISTED HEREIN.
- MATERIALS: 6061-T6 ALUMINUM ($F_u = 45$ KSI, $F_y = 40$ KSI)
STAINLESS STEEL ($F_u = 45$ KSI, $F_y = 36.3$ KSI)
- CAPACITIES LISTED IN THE TABLE CAN BE INTERPOLATED FOR EDGE DISTANCES BETWEEN THE VALUES SHOWN.

INSTALLATION INSTRUCTIONS:

- DRILL A 5/8" DIAMETER PILOT HOLE INTO THE CONCRETE SUBSTRATE AND CLEAN THE HOLE OF ANY DEBRIS OR DUST.
- PLACE THE FISCHER FISEM PLUS 390 S EPOXY MORTAR INTO THE PILOT HOLE.
- INSERT THE 1/2" X 3" THREADED ALUMINUM ANCHOR INTO THE HOLE.
- INSERT THE 1/4"-20 STAINLESS STEEL MACHINE SCREW INTO THE THREADED ALUMINUM ANCHOR WITH A MINIMUM ENGAGEMENT OF 1/2" INTO THE ALUMINUM ANCHOR.

CONCRETE ADHESIVE ANCHOR CAPACITY TABLE ($f'c = 3000$ PSI MIN.)					
MIN. EMBEDMENT (IN.)	MIN. EDGE DISTANCE (IN.)	TENSION (LBS)		SHEAR (LBS)	
		ULTIMATE	ALLOWABLE	ULTIMATE	ALLOWABLE
3.0	5.5	2770	693	2405	601
	3.0	1600	400	1388	347



STORM PANELS, S.A. DE C.V.
LIBRAMIENTO AL AEROPUERTO S/N,
EDIFICIO 1, LOCAL 2
COL. LAS VEREDAS C.P. 23435
LOS CABOS, BAJA CALIFORNIA SUR.

TITLE: CONCRETE ADHESIVE ANCHOR

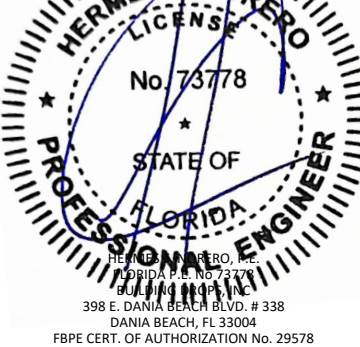
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REMARKS	BY	DATE
PRODUCT REVISION	FB	09.01.23

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Digitally signed by Hermes E. Norero, P.E.
Reason: I am approving this document
Date: 2023.10.19 08:18:00 -0400



FL #:	FL41935
DATE:	02/08/2023
DWG. BY:	SH
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	BSP004
SHEET:	1