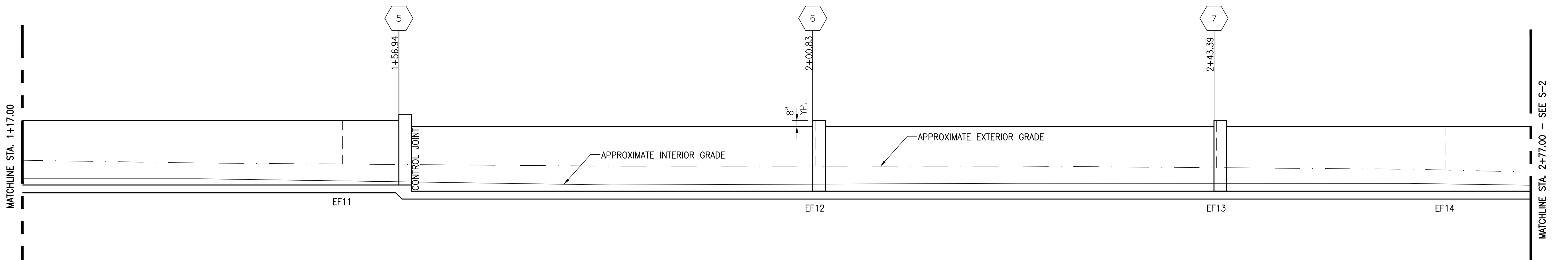

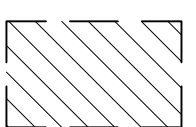
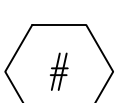


PROFILE - WALL NO. 10 EXTERIOR (OPEN LOT) FACE
SCALE: 3/16" = 1'-0"



PROFILE - WALL NO. 10 EXTERIOR (OPEN LOT) FACE
SCALE: 3/16" = 1'-0"


LEGEND:

-  CRACK
-  SPALL/DELAMINATION
-  PILASTER NO.

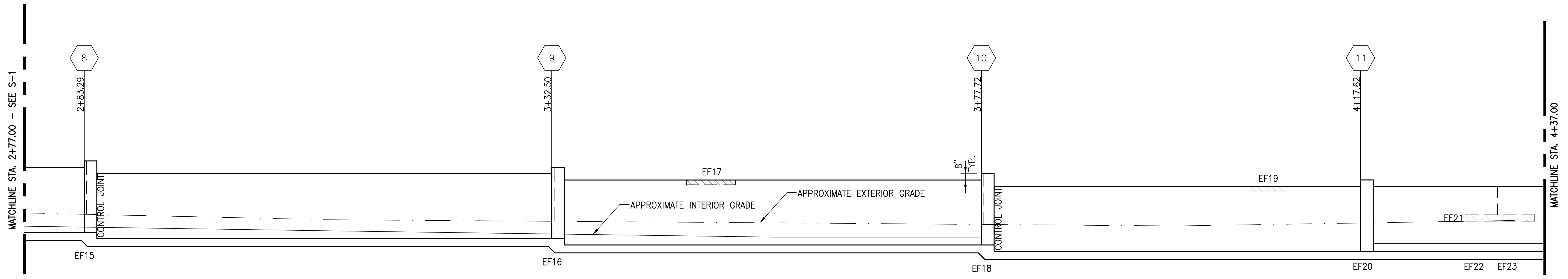
- EF# EXTERIOR FACE OF REPAIR
(SEE SCHEDULE ON S-5)
- DEFECT NO.
EXTERIOR FACE

NOTES:

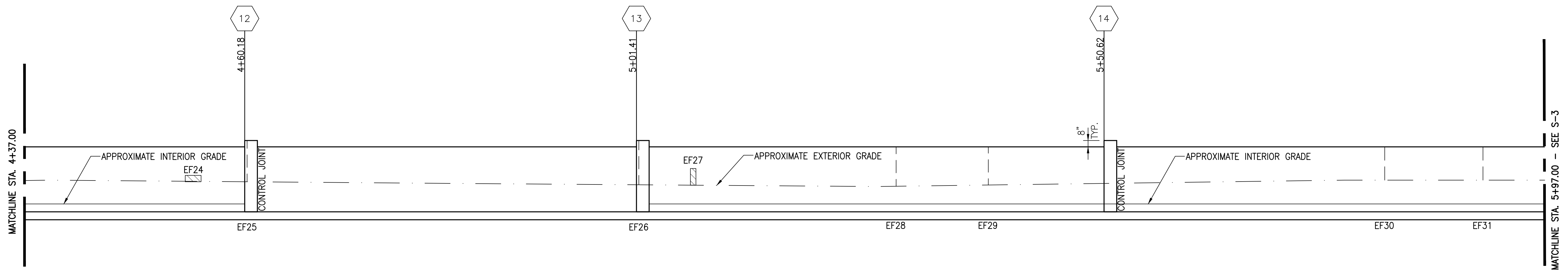
1. FINISH GRADE SHOWN IN AS-BUILTS DO NOT MATCH FIELD CONDITIONS.
2. GRADE NOT SHOWN FOR INACCESSIBLE AREAS.

DESIGN: -	REVISION	DATE	BRIEF	BY	APPROVED
DRAWN: KSF					
CHECKED: -					
DATE: NOVEMBER 2022	 615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us				
VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII					
KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOLULU, EWA, OAHU, HAWAII					
WALL NO. 10 EXTERIOR (OPEN LOT) ELEVATION 0+00.00 TO 2+77.00					
APPROVED:					DWG NO. S-1
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. SIGNATURE: _____ EXPIRATION DATE OF LICENSE: 4/30/2024					

DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01 CAD\12-XX-22-PREL\WKW - S01-ELEV-EXT.DWG PLOT TIME: 12-13-22, 12:01 PM

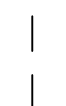






PROFILE - WALL NO. 10 EXTERIOR (OPEN LOT) FACE
SCALE: 3/16" = 1'-0"




PROFILE - WALL NO. 10 EXTERIOR (OPEN LOT) FACE
SCALE: 3/16" = 1'-0"

LEGEND:

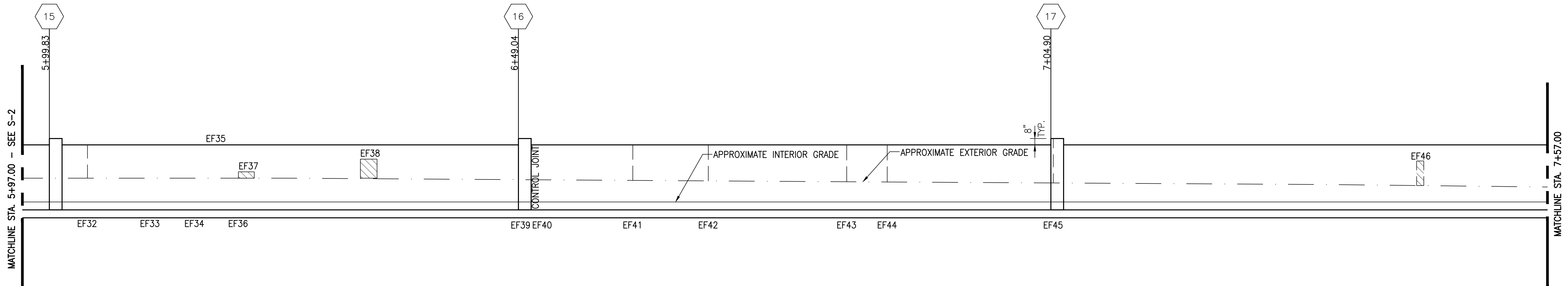
-  CRACK
-  SPALL/DELAMINATION
-  PILASTER NO.
-  EXTERIOR FACE OF REPAIR (SEE SCHEDULE ON S-5)
-  DEFECT NO. EXTERIOR FACE

NOTES:

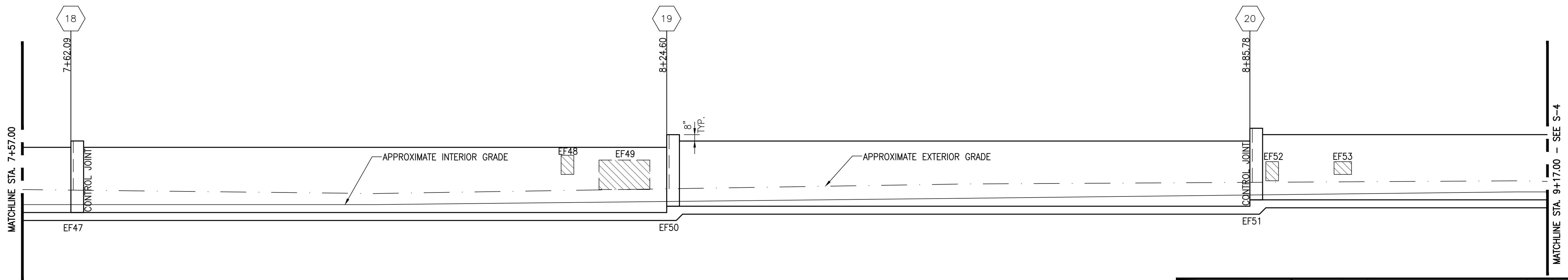
1. FINISH GRADE SHOWN IN AS-BUILTS DO NOT MATCH FIELD CONDITIONS.
2. GRADE NOT SHOWN FOR INACCESSIBLE AREAS.

DESIGN: -					
DRAWN: KSF					
CHECKED: -	REVISION	DATE	BRIEF	BY	APPROVED
DATE: NOVEMBER 2022					
 615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us					
VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII					
KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOLULU, EWA, OAHU, HAWAII					
WALL NO. 10 EXTERIOR (OPEN LOT) ELEVATION 2+77.00 TO 5+97.00					
APPROVED:					DWG NO.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.					S-2
SIGNATURE: _____ DATE: 4/30/2024 EXPIRATION DATE OF LICENSE: _____					

DRAWING NAME: Z:\00_ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01_CAD\12-XX-22-PREL\WKV - S01_ELEV_EXT.DWG PLOT TIME: 12-13-22, 12:01 PM








PROFILE - WALL NO. 10 EXTERIOR (OPEN LOT) FACE
SCALE: 3/16" = 1'-0"




PROFILE - WALL NO. 10 EXTERIOR (OPEN LOT) FACE
SCALE: 3/16" = 1'-0"

LEGEND:

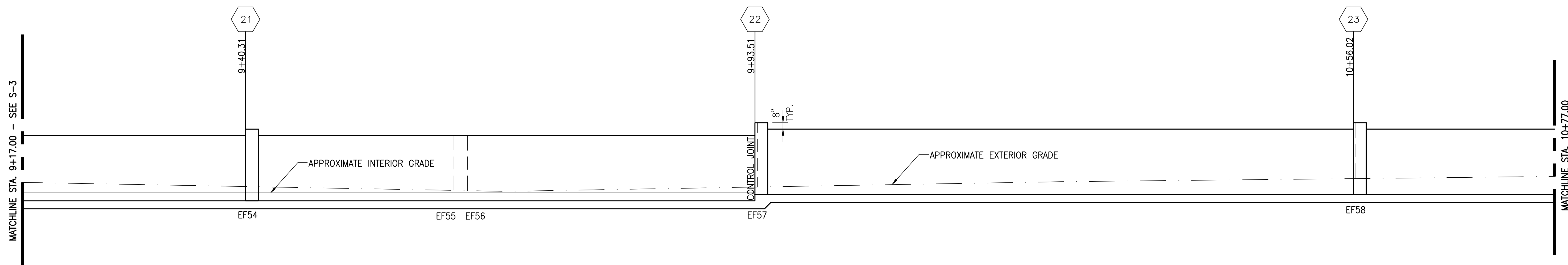
-  CRACK
-  SPALL/DELAMINATION
-  PILASTER NO.
-  EXTERIOR FACE OF REPAIR (SEE SCHEDULE ON S-5)
-  DEFECT NO. EXTERIOR FACE

NOTES:

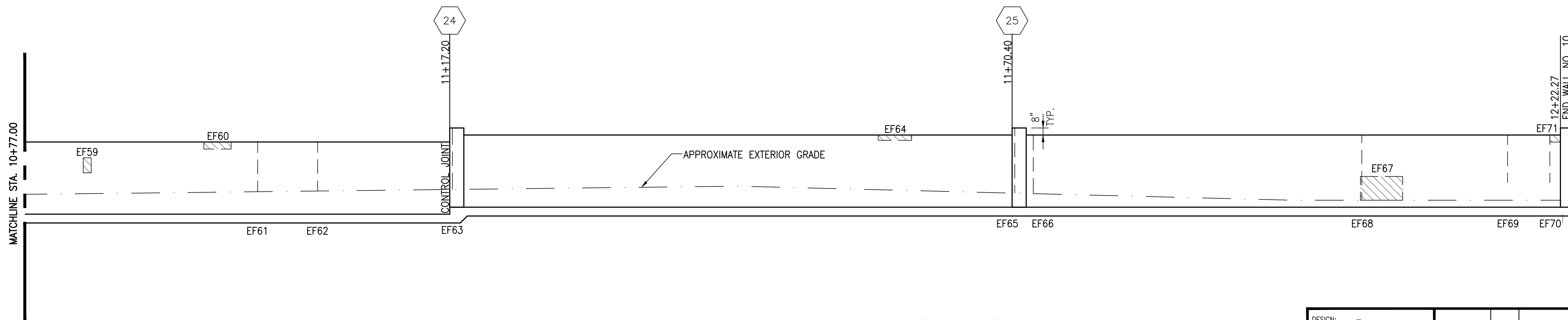
1. FINISH GRADE SHOWN IN AS-BUILTS DO NOT MATCH FIELD CONDITIONS.
2. GRADE NOT SHOWN FOR INACCESSIBLE AREAS.

DESIGN: -	REVISION	DATE	BRIEF	BY	APPROVED
DRAWN: KSF					
CHECKED: -					
DATE: NOVEMBER 2022					
 615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us					
VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII					
KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOULIULI, EWA, OAHU, HAWAII					
WALL NO. 10 EXTERIOR (OPEN LOT) ELEVATION 5+97.00 TO 9+17.00					
APPROVED:					DWG NO.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.					S-3
SIGNATURE		4/30/2024		EXPIRATION DATE OF THE LICENSE	

DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01 CAD\12-XX-22-PREL\WK1 - S01-ELEV-EXT.DWG PLOT TIME: 12-13-22, 12:01 PM


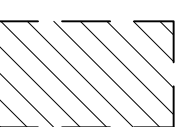





PROFILE - WALL NO. 10 EXTERIOR (OPEN LOT) FACE
SCALE: 3/16" = 1'-0"



PROFILE - WALL NO. 10 EXTERIOR (OPEN LOT) FACE
SCALE: 3/16" = 1'-0"


LEGEND:

-  CRACK
-  SPALL/DELAMINATION
-  PILASTER NO.

-  EF# EXTERIOR FACE OF REPAIR (SEE SCHEDULE ON S-5)
-  DEFECT NO. EXTERIOR FACE

NOTES:

1. FINISH GRADE SHOWN IN AS-BUILTS DO NOT MATCH FIELD CONDITIONS.
2. GRADE NOT SHOWN FOR INACCESSIBLE AREAS.

DESIGN: -	REVISION	DATE	BRIEF	BY	APPROVED
DRAWN: KSF					
CHECKED: -					
DATE: NOVEMBER 2022					
 615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us					
VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII					
KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOULIULI, EWA, OAHU, HAWAII					
WALL NO. 10 EXTERIOR (OPEN LOT) ELEVATION 9+17.00 TO 12+22.27					
APPROVED:					DWG NO.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. SIGNATURE _____ DATE: 4/30/2024 EXPIRATION DATE OF LICENSE					S-4

DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01 CAD\12-XX-22-PREL\KWM - S01-ELEV-EXT.DWG PLOT TIME: 12-14-22, 1:19 PM

DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01 CAD\12-XX-22-PREL\KMW - S05 & S10 DEFECT SCHED.DWG PLOT TIME: 12-13-22, 11:19 AM

DEFECT NO.	LOCATION	PILASTER/WALL	DESCRIPTION
EF01	0+00	PILASTER 1	VC FH @ 1/2"W POST SEPARATION @ 1/2"W
EF02	0+04.52	WALL	VC FH @ 1/16"W
EF03	0+15.25	WALL	VC FH @ 1/16"W
EF04	0+18.17	WALL	VC FH @ 1/16"W
EF05	0+21.08	WALL	VC FH @ 1/16"W
EF06	0+35.91	PILASTER 2	VC FH @ 1/8"W-2X POST SEPARATION @ 3/8"W
EF07	0+71.82	PILASTER 3	VC FH @ 1/8"W POST SEPARATION @ 1/4"W
EF08	1+08.05	WALL	DELAM 2'-6" X 0'-6" @ TOP OF WALL EXPOSED REBAR WITH NO SECTION LOSS
EF09	1+10.55	WALL	ZIG-ZAG CRACK (FOLLOW GROUT LINE) @ 1/16" TO 1/8"W
EF10	1+13.05	PILASTER 4	VC FH @ 1/4"W POST SEPARATION @ 1/8"W
EF11	1+50.94	PILASTER 5	VC FH @ 1/8"W POST SEPARATION @ 1/4"W
EF12	2+00.83	PILASTER 6	VC FH @ 1/4"W POST SEPARATION @ 1/4"W
EF13	2+43.39	PILASTER 7	VC FH @ 1/8"W-2X POST SEPARATION @ 1 1/2"W
EF14	2+67.89	WALL	VC FH @ 1/8"W
EF15	2+83.29	PILASTER 8	VC FH @ 1/4"W-2X POST SEPARATION @ 1/4"W
EF16	3+32.50	PILASTER 9	VC 75% @ 1/4"W POST SEPARATION @ 1/4"W
EF17	3+46.67	WALL	DELAM 5'-2" X 0'-6" @ BELOW TOP CAP
EF18	3+77.72	PILASTER 10	VC FH @ 1/8"W POST SEPARATION @ 1/16"W
EF19	4+05.87	WALL	DELAM 4'-0" X 0'-6" @ TOP OF WALL EXPOSED REBAR WITH MINOR SECTION LOSS
EF20	4+17.62	PILASTER 11	POST SEPARATION @ 1/8"W
EF21	4+28.62	WALL	DELAM 7'-4" X 0'-8" @ 3'-0" DOWN FROM TOP CAP
EF22	4+30.29	WALL	VC FH @ 1/8"W
EF23	4+32.04	WALL	VC FH @ 1/8"W
EF24	4+53.92	WALL	DELAM 1'-8" X 0'-8" @ 3'-4" DOWN FROM TOP CAP
EF25	4+60.18	PILASTER 12	POST SEPARATION @ 1/8"W
EF26	5+01.41	PILASTER 13	VC FH @ 1/4"W-2X POST SEPARATION @ 1/8"W
EF27	5+07.08	WALL	DELAM 0'-7" X 1'-9" @ 3'-0" DOWN FROM TOP CAP
EF28	5+28.74	WALL	VC FH @ 1/16"W
EF29	5+38.44	WALL	VC FH @ 1/16"W
EF30	5+80.16	WALL	VC FH @ 1/8"W
EF31	5+90.50	WALL	VC FH @ 1/16"W
EF32	6+03.83	WALL	VC FH @ 1/16"W
EF33	6+10.42	WALL	VC FH @ 1/16"W
EF34	6+15.08	WALL	VC FH @ 1/16"W
EF35	6+17.25	WALL	VC FH @ 1/16"W


DEFECT NO.	LOCATION	PILASTER/WALL	DESCRIPTION
EF36	6+19.66	WALL	VC FH @ 1/16"W
EF37	6+19.66	WALL	DELAM 1'-8" X 0'-8" @ 2'-10" DOWN FROM TOP CAP
EF38	6+32.46	WALL	DELAM 1'-9" X 2'-0" @ 1'-6" DOWN FROM TOP CAP
EF39	6+49.04	PILASTER 16	VC 75%H @ 1/16"W POST SEPARATION @ 1/8"W MISSING TOP CAP
EF40	6+51.54	WALL	VC FH @ 1/16"W
EF41	6+61.04	WALL	VC FH @ 1/16"W
EF42	6+68.96	WALL	VC FH @ 1/16"W
EF43	6+83.48	WALL	VC FH @ 1/16"W
EF44	6+87.73	WALL	VC FH @ 1/16"W
EF45	7+04.90	PILASTER 17	VC FH @ 1/4"W ON FRONT & LEFT SIDES NO POST SEPARATION
EF46	7+43.26	WALL	DELAM 0'-9" X 2'-7" @ 2'-9" DOWN FROM TOP CAP
EF47	7+62.09	PILASTER 18	VC FH @ 1/4"W-2X POST SEPARATION @ 1/8"W
EF48	8+13.52	WALL	DELAM 1'-4" X 2'-0" @ 0'-10" DOWN FROM TOP CAP
EF49	8+17.52	WALL	DELAM 5'-4" X 3'-1" @ 2'-10" DOWN FROM TOP CAP
EF50	8+24.60	PILASTER 19	VC FH @ 1/4"W-2X POST SEPARATION @ 1/8"W
EF51	8+85.78	PILASTER 20	VC FH @ 1/2"W-2X POST SEPARATION @ 1/4"W
EF52	8+87.45	WALL	DELAM 1'-4" X 2'-0" @ 2'-10" DOWN FROM TOP CAP
EF53	8+94.61	WALL	DELAM W/VC 1'-10" X 1'-4" @ 2'-10" DOWN FROM TOP CAP
EF54	9+40.31	PILASTER 21	VC FH @ 1/4"W POST SEPARATION @ 1/8"W
EF55	9+61.98	WALL	VC FH @ 1/16"W (VISIBLE FROM EXTERIOR ONLY)
EF56	9+63.48	WALL	VC FH @ 1/16"W (VISIBLE FROM EXTERIOR ONLY)
EF57	9+93.51	PILASTER 22	VC 60%H @ 1/4"W POST SEPARATION @ 1/4"W
EF58	10+56.02	PILASTER 23	VC FH @ 1/4"W-2X POST SEPARATION @ 1/16"W
EF59	10+82.53	WALL	DELAM 0'-9" X 1'-5" @ 1'-6" DOWN FROM TOP CAP
EF60	10+93.94	WALL	DELAM 2'-7" X 0'-8" @ 0" DOWN FROM TOP CAP
EF61	10+99.03	WALL	VC FH @ 1/16"W
EF62	11+04.70	WALL	VC FH @ 1/16"W
EF63	11+17.20	PILASTER 24	VC FH @ 1/2"W-2X POST SEPARATION @ 3/4"W EXPOSED REBAR W/ MINOR SECTION LOSS
EF64	11+57.73	WALL	DELAM 3'-2" X 0'-6" @ 0" DOWN FROM TOP CAP
EF65	11+70.40	PILASTER 25	VC FH @ 1/4"W POST SEPARATION @ 1/8"W
EF66	11+72.40	WALL	VC FH @ 1/16"W
EF67	12+03.48	WALL	DELAM 4'-0" X 2'-3" @ 4'-2" DOWN FROM TOP CAP
EF68	12+03.35	WALL	VC FH @ 1/16"W
EF69	12+17.27	WALL	VC FH @ 1/8"W
EF70	12+21.27	WALL	VC FH @ 1/8"W
EF71	12+22.27	WALL	LOOSE CMU @ TOP WITH 8" SEPARATION
			END OF WALL NO. 10

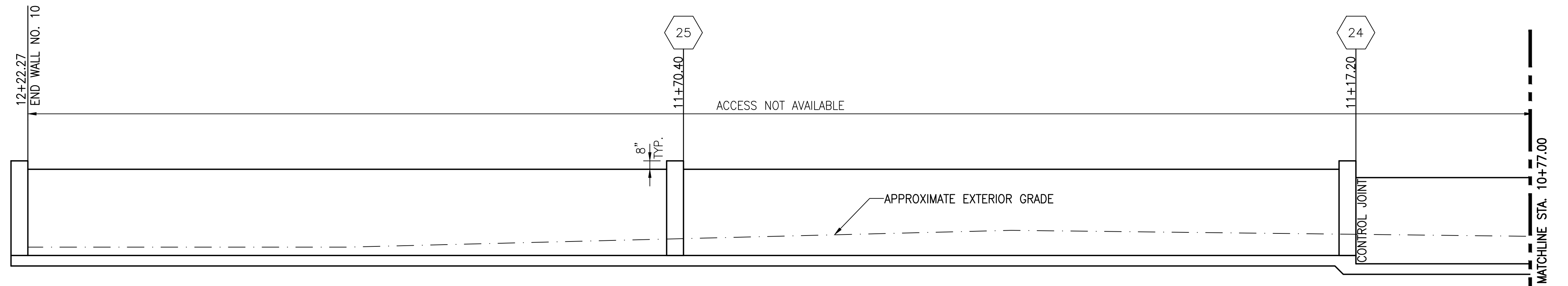
NOTE:

ALL CMU CAPS ARE TO BE REPLACED.

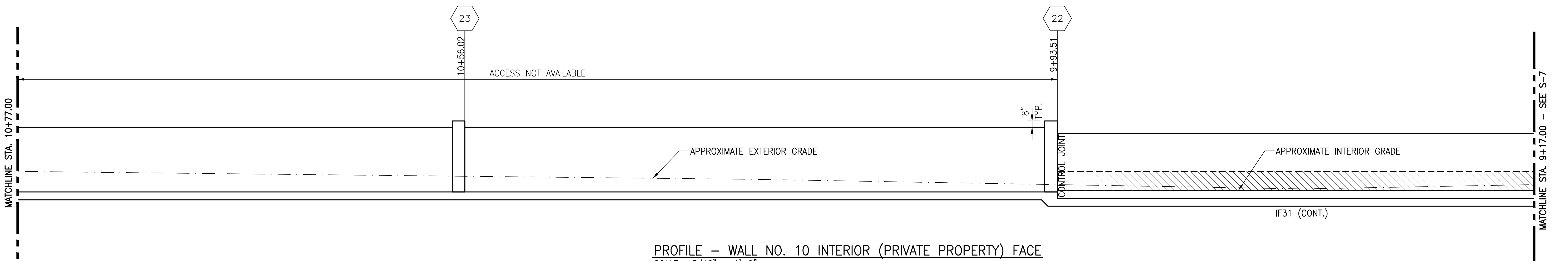
LEGEND:

DELAM	DELAMINATION, SPALL, LOOSE CMU
FH	FULL HEIGHT
H	HEIGHT
HC	HORIZONTAL CRACK
HL	HAIRLINE
L	LENGTH
POST SEPARATION	SEPARATION BETWEEN THE TWO POSTS OF CMU PILASTER
TC	TOP CAP
VC	VERTICAL CRACK
W	WIDTH
XX%	PORTION OF EXPOSED HEIGHT MEASURED UPWARD FROM GROUND LEVEL

DESIGN: -					
DRAWN: KSF					
CHECKED: -	REVISION	DATE	BRIEF	BY	APPROVED
DATE: NOVEMBER 2022	 615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us				
VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII					
KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOLULU, EWA, OAHU, HAWAII					
EXTERIOR (OPEN LOT) FACE DEFECT SCHEDULE					
APPROVED: _____					DWG NO. S-5
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION 4/30/2024 SIGNATURE _____ EXPIRATION DATE OF THE LICENSE					

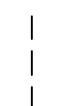
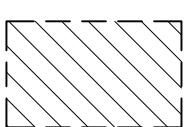
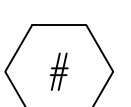




PROFILE - WALL NO. 10 INTERIOR (PRIVATE PROPERTY) FACE
SCALE: 3/16" = 1'-0"



PROFILE - WALL NO. 10 INTERIOR (PRIVATE PROPERTY) FACE
SCALE: 3/16" = 1'-0"


LEGEND:

-  CRACK
-  SPALL/DELAMINATION
-  PILASTER NO.

-  IF# INTERIOR FACE REPAIR (SEE SCHEDULE ON S-10)
-  DEFECT NO. INTERIOR FACE

NOTES:

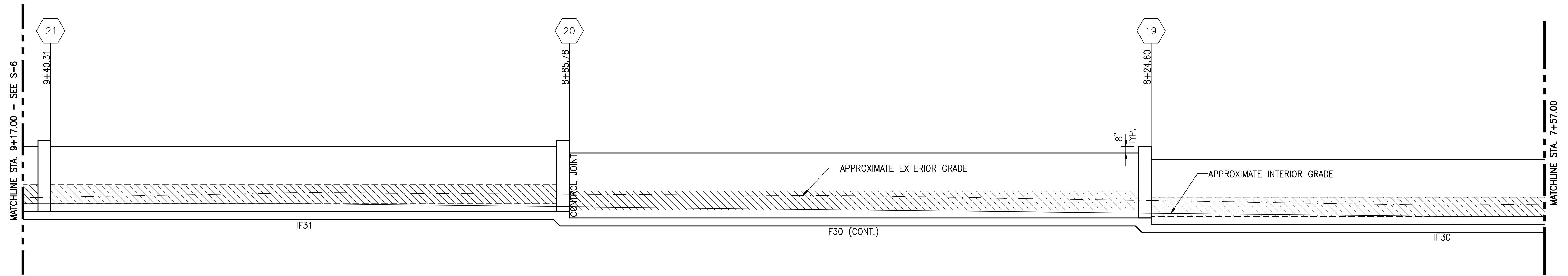
1. FINISH GRADE SHOWN IN AS-BUILTS DO NOT MATCH FIELD CONDITIONS.
2. GRADE NOT SHOWN FOR INACCESSIBLE AREAS.

DESIGN: -	REVISION	DATE	BRIEF	BY	APPROVED
DRAWN: KSF					
CHECKED: -					
DATE: NOVEMBER 2022					
 615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us					
VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII					
KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOULIULI, EWA, OAHU, HAWAII					
WALL NO. 10 INTERIOR (PRIVATE PROPERTY) ELEVATION 12+22.27 TO 9+17.00					
APPROVED:					DWG NO. S-6
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. SIGNATURE _____ DATE: 4/30/2024 EXPIRATION DATE OF LICENSE					

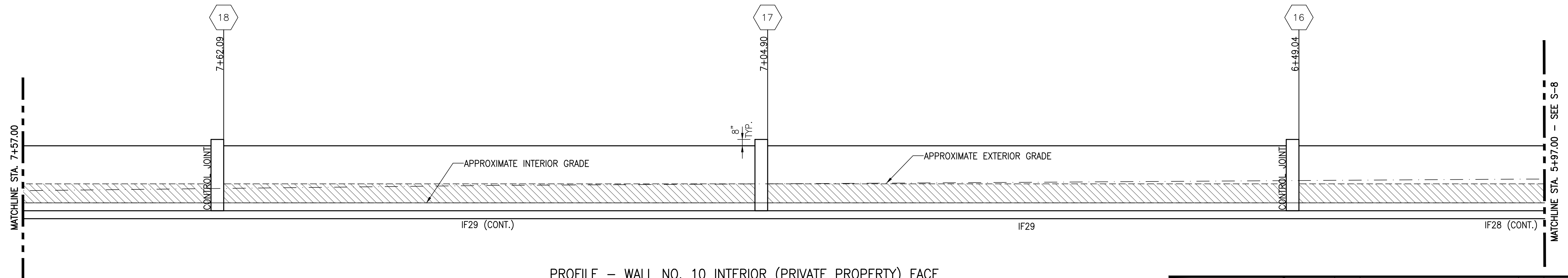
DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01 CAD\12-XX-22-PREL\WKV - S06 ELEV INT.DWG PLOT TIME: 12-13-22, 12:02 PM

EWA

NANAKULI


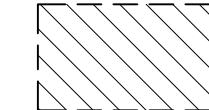
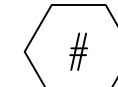





PROFILE - WALL NO. 10 INTERIOR (PRIVATE PROPERTY) FACE
SCALE: 3/16" = 1'-0"



PROFILE - WALL NO. 10 INTERIOR (PRIVATE PROPERTY) FACE
SCALE: 3/16" = 1'-0"


LEGEND:

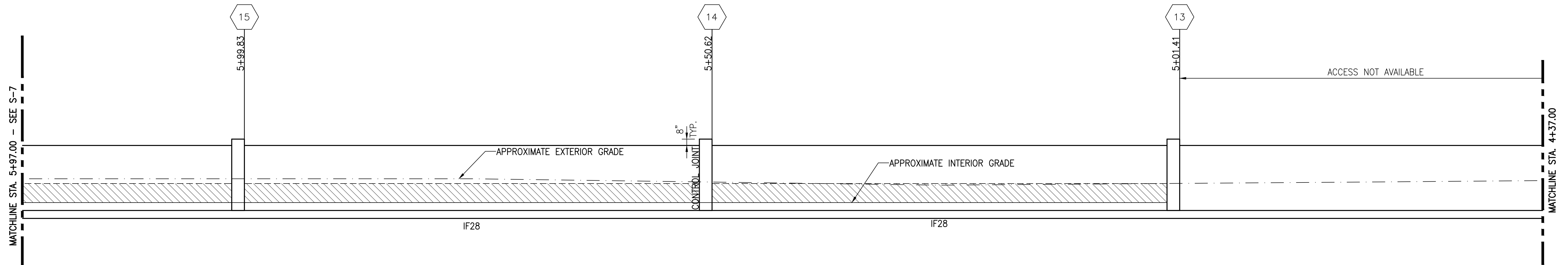
-  CRACK
-  SPALL/DELAMINATION
-  PILASTER NO.
-  INTERIOR FACE REPAIR (SEE SCHEDULE ON S-10)
-  DEFECT NO.
-  INTERIOR FACE

NOTES:

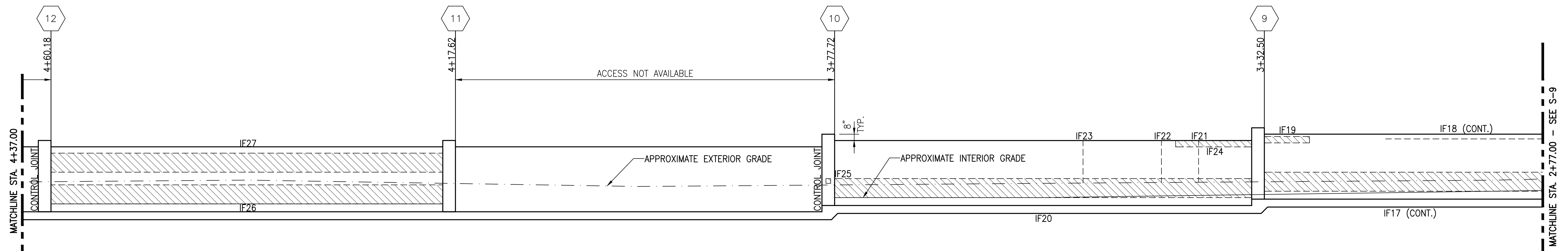
1. FINISH GRADE SHOWN IN AS-BUILTS DO NOT MATCH FIELD CONDITIONS.
2. GRADE NOT SHOWN FOR INACCESSIBLE AREAS.

DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01 CAD\12-XX-22-PREL\WK - S06 ELEV INT.DWG PLOT TIME: 12-13-22, 12:02 PM

DESIGN: -	REVISION	DATE	BRIEF	BY	APPROVED
DRAWN: KSF					
CHECKED: -					
DATE: NOVEMBER 2022					
 615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us					
VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII					
KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOLULU, EWA, OAHU, HAWAII					
WALL NO. 10 INTERIOR (PRIVATE PROPERTY) ELEVATION 9+17.00 TO 5+97.00					
APPROVED:					DWG NO.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. SIGNATURE _____ DATE 4/30/2024 EXPIRATION DATE OF THE LICENSE					S-7


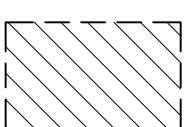



PROFILE - WALL NO. 10 INTERIOR (PRIVATE PROPERTY) FACE
 SCALE: 3/16" = 1'-0"



PROFILE - WALL NO. 10 INTERIOR (PRIVATE PROPERTY) FACE
 SCALE: 3/16" = 1'-0"

LEGEND:


-  CRACK
-  SPALL/DELAMINATION
-  PILASTER NO.

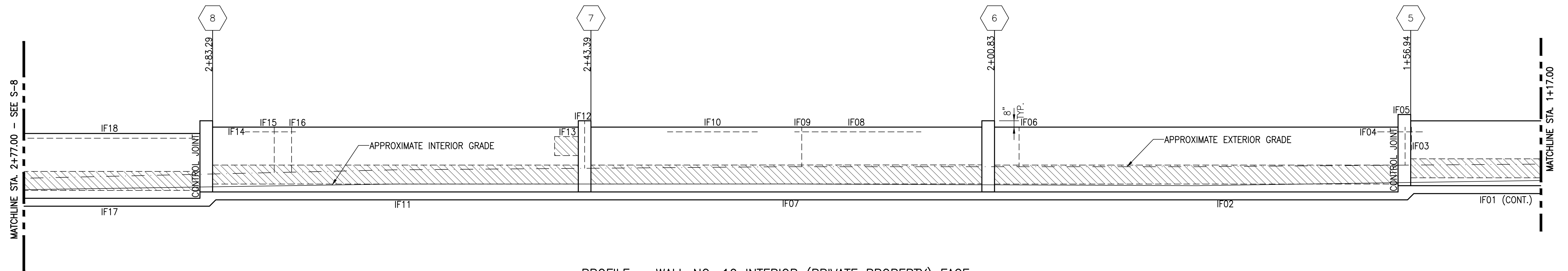
- IF# INTERIOR FACE REPAIR (SEE SCHEDULE ON S-10)
- DEFECT NO. INTERIOR FACE

NOTES:

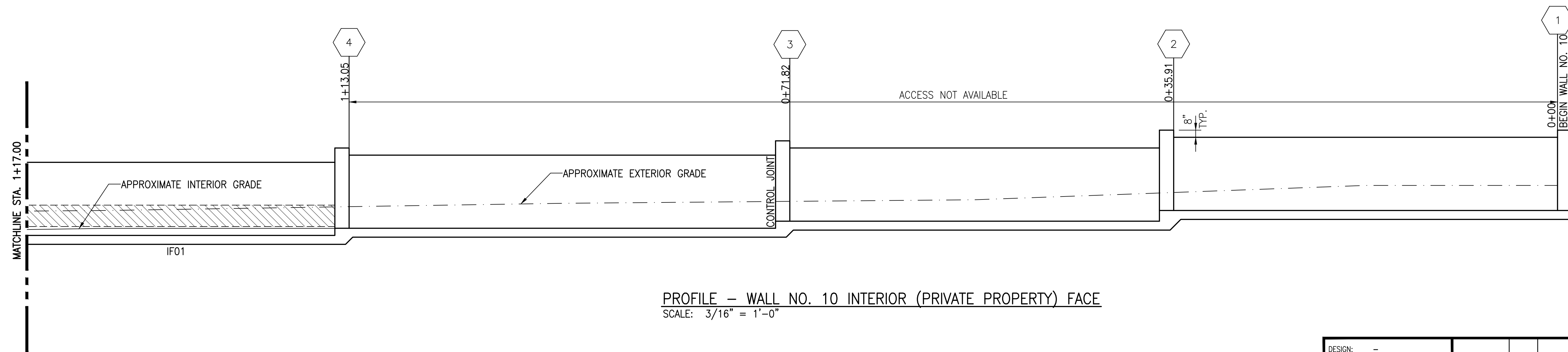
1. FINISH GRADE SHOWN IN AS-BUILTS DO NOT MATCH FIELD CONDITIONS.
2. GRADE NOT SHOWN FOR INACCESSIBLE AREAS.

DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01 CAD\12-XX-22-PREL\WKW - S06 ELEV INT.DWG PLOT TIME: 12-13-22, 12:02 PM

DESIGN: -					
DRAWN: KSF					
CHECKED: -	REVISION	DATE	BRIEF	BY	APPROVED
DATE: NOVEMBER 2022					
 615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us					
VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII					
KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOLULU, EWA, OAHU, HAWAII					
WALL NO. 10 INTERIOR (PRIVATE PROPERTY) ELEVATION 2+77.00 TO 9+17.00					
APPROVED:					DWG NO. S-8
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION SIGNATURE _____ 4/30/2024 EXPIRATION DATE OF THE LICENSE					



PROFILE - WALL NO. 10 INTERIOR (PRIVATE PROPERTY) FACE
 SCALE: 3/16" = 1'-0"



PROFILE - WALL NO. 10 INTERIOR (PRIVATE PROPERTY) FACE
 SCALE: 3/16" = 1'-0"


LEGEND:

- CRACK
- SPALL/DELAMINATION
- PILASTER NO.

- IF# INTERIOR FACE REPAIR (SEE SCHEDULE ON S-10)
- DEFECT NO. INTERIOR FACE

NOTES:

1. FINISH GRADE SHOWN IN AS-BUILTS DO NOT MATCH FIELD CONDITIONS.
2. GRADE NOT SHOWN FOR INACCESSIBLE AREAS.

DESIGN: -	REVISION	DATE	BRIEF	BY	APPROVED
DRAWN: KSF					
CHECKED: -					
DATE: NOVEMBER 2022					
 615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us					
VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII					
KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOULIULI, EWA, OAHU, HAWAII					
WALL NO. 10 INTERIOR (PRIVATE PROPERTY) ELEVATION 2+77.00 TO 0+00.00					
APPROVED:					DWG NO.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. SIGNATURE _____ DATE: 4/30/2024 EXPIRATION DATE OF THE LICENSE					S-9

DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01 CAD\12-XX-22-PREL\WKW - S06 ELEV INT.DWG PLOT TIME: 12-13-22, 12:02 PM

DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01 CAD\12-XX-22-PREL\WKW - S05 & S10 DEFECT SCHED.DWG PLOT TIME: 12-13-22, 11:19 AM


DEFECT NO.	LOCATION	PILASTER/WALL	DESCRIPTION
			91-1072 AKOLO PLACE
IF01	1+13.05	WALL	DELAM 37.89' X 2'-0" @ 4'-0" DOWN FROM TOP CAP
			91-1073 AKOLO PLACE
IF02	1+50.94	WALL	DELAM 49.89' X 2'-0" @ 4'-0" DOWN FROM TOP CAP
IF03	1+56.86	WALL	VC @ 1/16"W H=2'-5" STARTING AT TC
IF04	1+55.69	WALL	HC @ 1/16" L=4'-9" IN TC
IF05	1+57.53	WALL	VC @ 1/16"W H=3'-11" STARTING AT TC
IF06	1+98.24	WALL	VC @ 1/16"W H=2'-5" STARTING AT TC
			91-1071 AKOLO PLACE
IF07	2+00.83	WALL	DELAM 42.56' X 2'-0" @ 4'-0" DOWN FROM TOP CAP
IF08	2+08.58	WALL	HC @ 1/16" L=13'-4" IN TC
IF09	2+21.16	WALL	VC @ 1/16"W H=3'-6" STARTING AT TC
IF10	2+25.83	WALL	HC @ 1/16" L=9'-6" IN TC
			91-1069 AKOLO PLACE
IF11	2+43.39	WALL	DELAM 39.90' X 2'-0" @ 4'-0" DOWN FROM TOP CAP
IF12	2+44.06	PILASTER 7	VC @ 1/8" FH
IF13	2+44.72	WALL	DELAM 2'-6" X 2'-0" @ 1'-0" DOWN FROM TOP CAP
IF14	2+74.54	WALL	HC @ 1/16" L=5'-4" IN TC
IF15	2+76.79	WALL	VC @ HL H=4'-0" STARTING AT TC
IF16	2+74.96	WALL	VC @ HL H=3'-0" STARTING AT TC
			91-1058 PALALA PLACE
IF17	2+83.29	WALL	DELAM 49.21' X 2'-0" @ 4'-0" DOWN FROM TOP CAP
IF18	2+85.16	WALL	HC @ 1/8" L=34'-7" IN TC
IF19	3+27.75	WALL	DELAM 4'-9" X 0'-8" @ 0'-3" DOWN FROM TOP CAP
			91-1060 PALALA PLACE
IF20	3+32.50	WALL	DELAM 45.22' X 2'-0" @ 4'-0" DOWN FROM TOP CAP
IF21	3+39.42	WALL	VC @ 1/16"W H=4'-5" STARTING AT TC
IF22	3+43.33	WALL	VC @ 1/16"W H=4'-5" STARTING AT TC
IF23	3+51.58	WALL	VC @ 1/16"W H=4'-5" STARTING AT TC
IF24	3+32.50	WALL	DELAM 8'-0" X 0'-8" IN TC
IF25	3+78.14	PILASTER 10	DELAM 0'-6" X 0'-6" @ 4'-0" DOWN FROM TOP CAP
			91-1057 PALALA PLACE
IF26	4+17.62	WALL	DELAM 42.56' X 2'-0" @ 4'-0" DOWN FROM TOP CAP
IF27	4+17.52	WALL	DELAM 42.56' X 2'-0" @ 0'-8" DOWN FROM TOP CAP
			91-232 WAKAMALII PLACE
IF28	5+01.41	WALL	DELAM 147.63' X 2'-0" @ 4'-0" DOWN FROM TOP CAP
			91-229 WAKAMALII PLACE
IF29	6+49.04	WALL	DELAM 113.05' X 2'-0" @ 4'-0" DOWN FROM TOP CAP
			91-226 HAAWINA PLACE
IF30	7+62.09	WALL	DELAM 123.69' X 2'-0" @ 4'-0" DOWN FROM TOP CAP
			91-223 HAAWINA PLACE
IF31	8+85.78	WALL	DELAM 107.73' X 2'-0" @ 4'-0" DOWN FROM TOP CAP

NOTE:

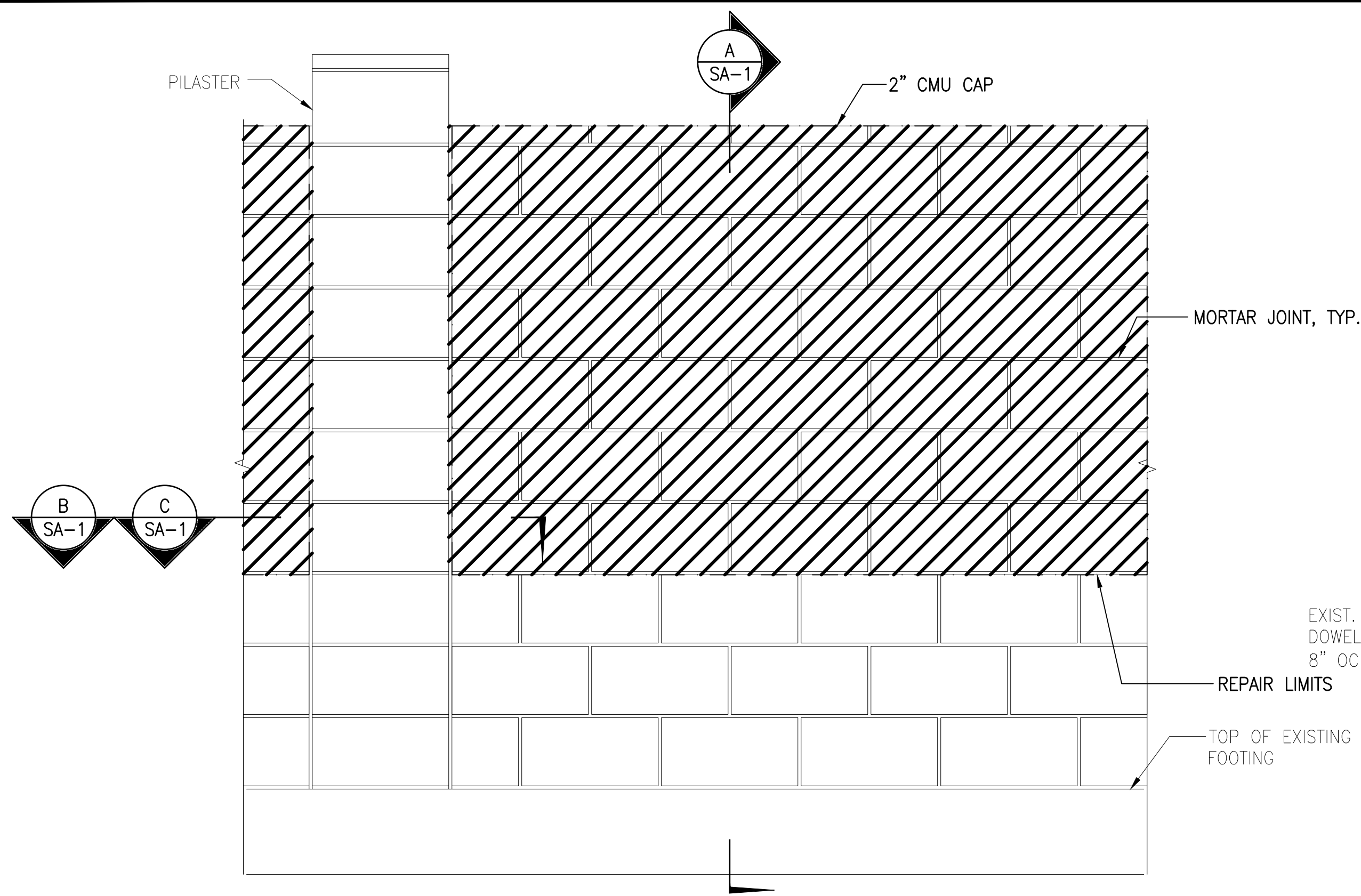
ALL CMU CAPS ARE TO BE REPLACED.

LEGEND:

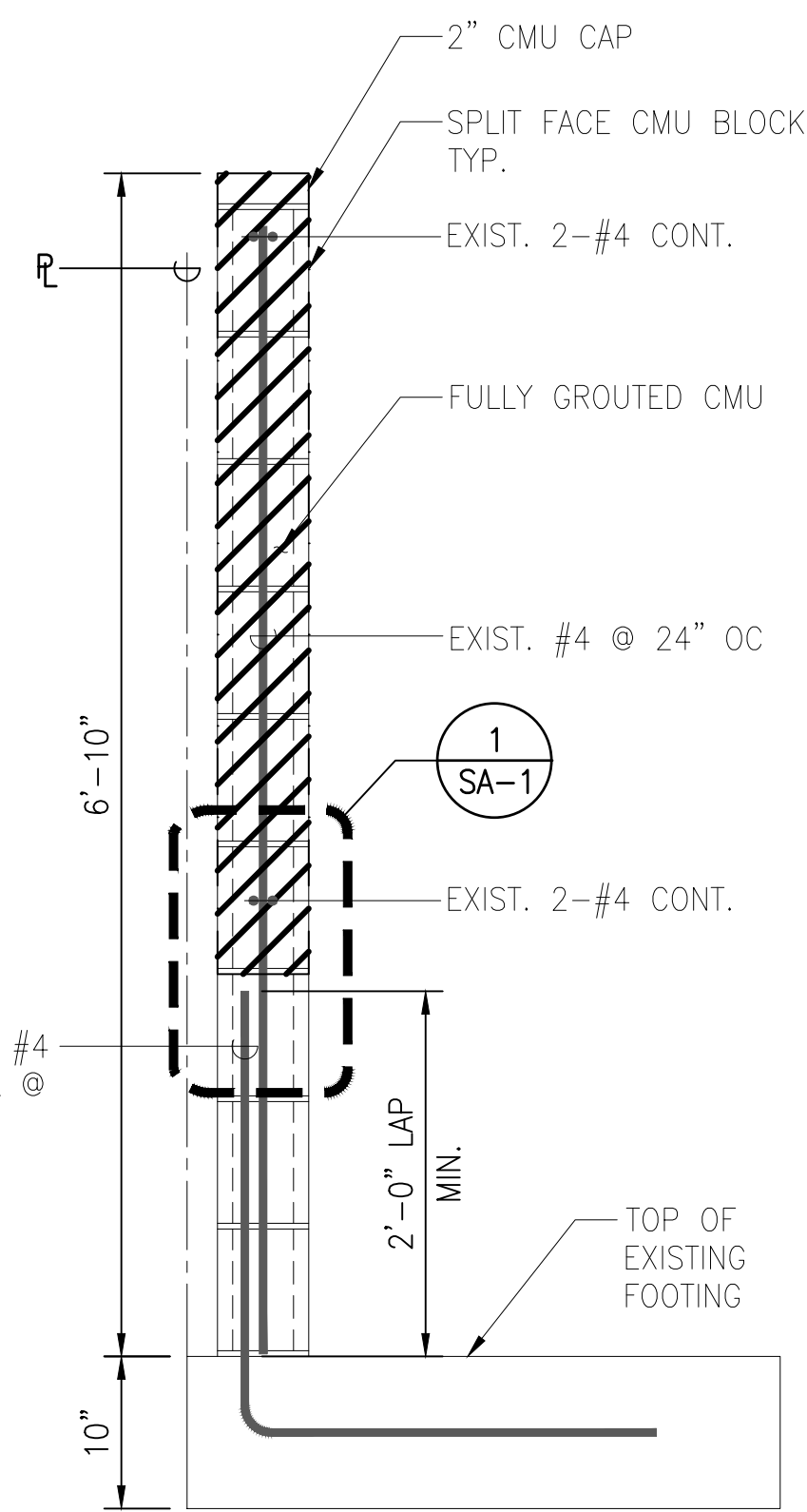
DELAM	DELAMINATION, SPALL, LOOSE CMU
FH	FULL HEIGHT
H	HEIGHT
HC	HORIZONTAL CRACK
HL	HAIRLINE
L	LENGTH
POST SEPARATION	SEPARATION BETWEEN THE TWO POSTS OF CMU PILASTER
TC	TOP CAP
VC	VERTICAL CRACK
W	WIDTH
XX%	PORTION OF EXPOSED HEIGHT MEASURED UPWARD FROM GROUND LEVEL

DESIGN: -					
DRAWN: KSF					
CHECKED: -	REVISION	DATE	BRIEF	BY	APPROVED
DATE: NOVEMBER 2022					
 615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us			VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII		
			KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOLULU, EWA, OAHU, HAWAII		
			INTERIOR (PRIVATE PROPERTY) FACE DEFECT SCHEDULE		
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION				APPROVED:	DWG NO.
SIGNATURE _____ 4/30/2024 EXPIRATION DATE OF THE LICENSE					S-10

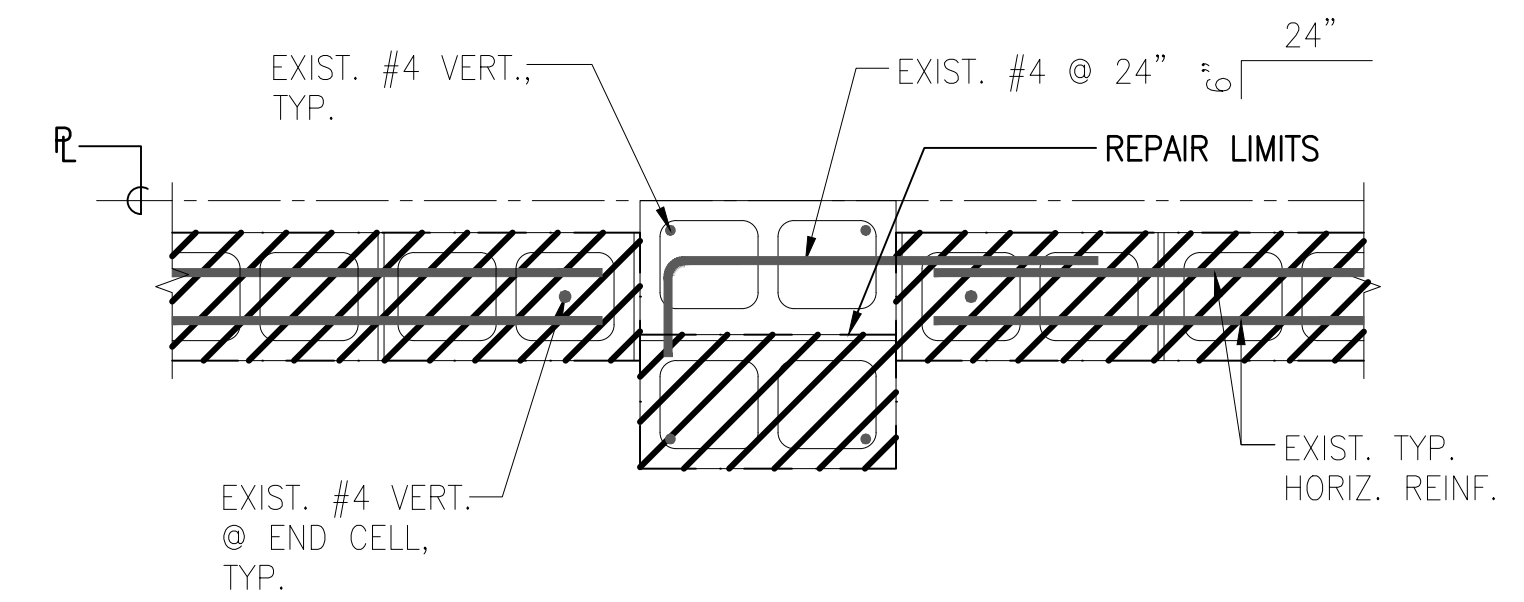
DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01 CAD\12-XX-22-PREL\KWM - SA-SC DETAILS.DWG PLOT TIME: 12-13-22, 11:20 AM



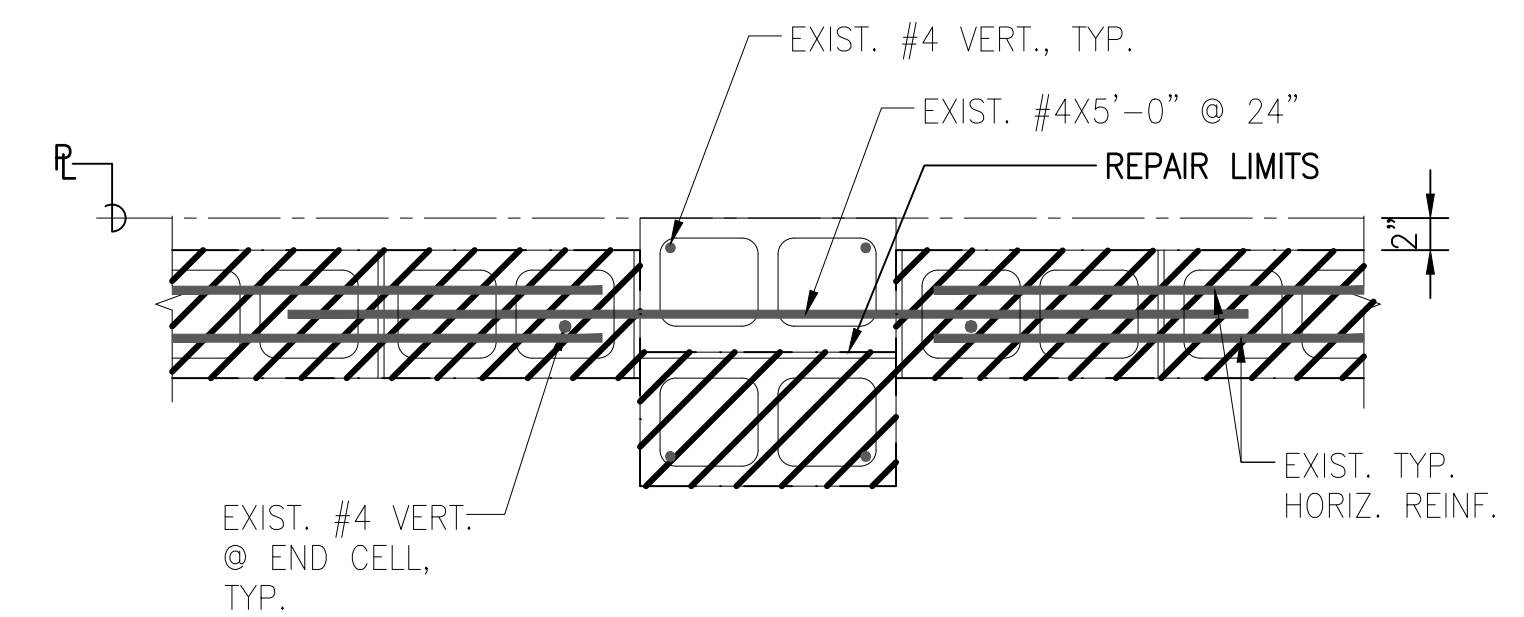
TYPICAL WALL ELEVATION
SCALE: 1" = 1'-0"



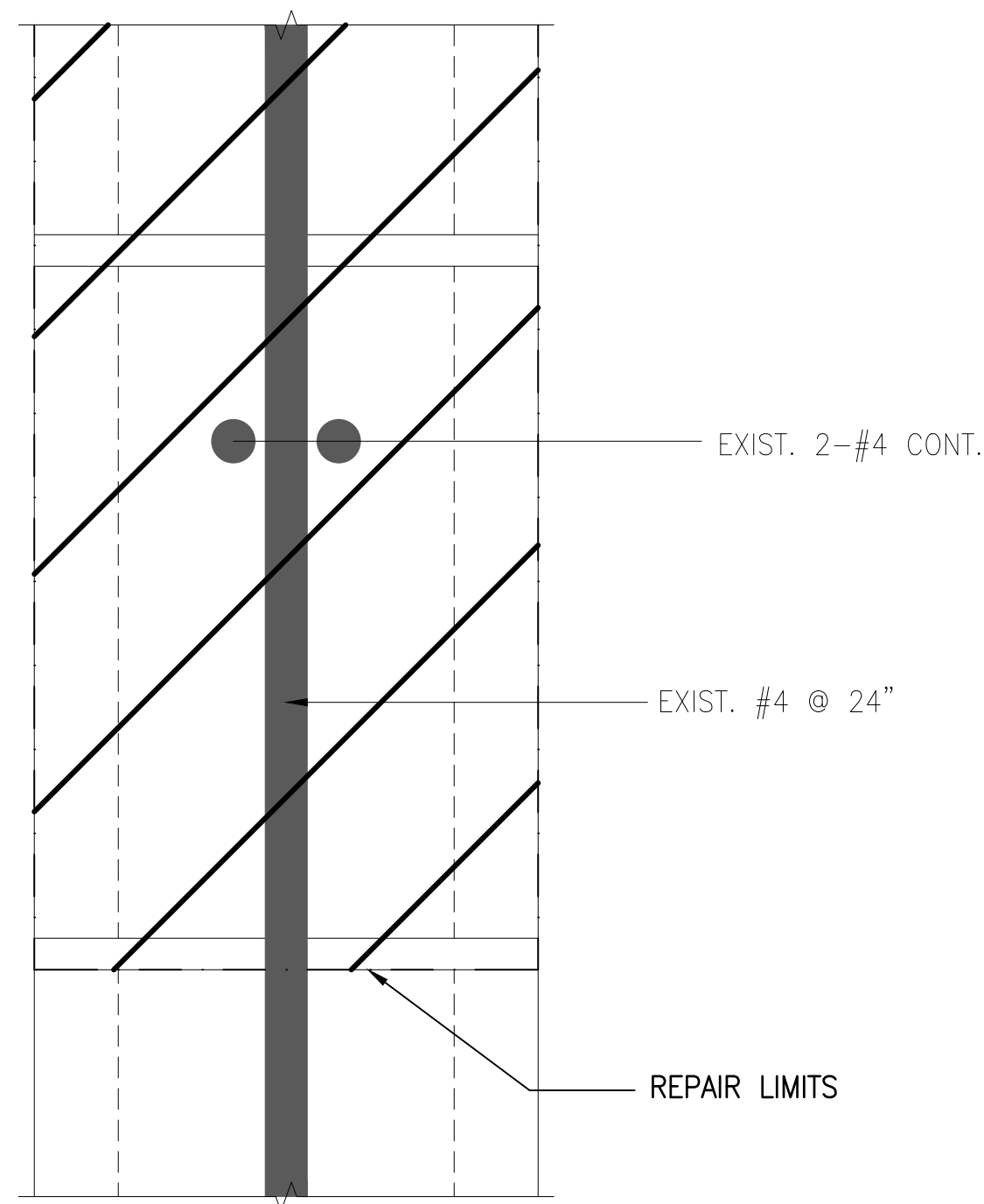
A TYPICAL WALL SECTION
SCALE: 1" = 1'-0"



B CONDITION WITH CONTROL JOINT
SCALE: 1" = 1'-0"



C TYPICAL WALL SECTION
SCALE: 1" = 1'-0"



1 TYPICAL WALL SECTION
SCALE: 6" = 1'-0"

NOTES:

1. CMU WALL:
 - A. REMOVE THE FIRST TO SIXTH COURSE OF EXISTING CMU. REMOVE ANY ADDITIONAL DEFECTIVE CMU AND GROUT BELOW THE SIXTH COURSE (SEE SC-1).
 - B. REPLACE ANY REBAR THAT HAS LESS THAN 75% CROSS-SECTIONAL AREA REMAINING (SEE SC-4).
 - C. SET NEW CMU'S AND PLACE ANY REINFORCING THAT HAD BEEN REMOVED DURING DEMOLITION. FULLY GROUT THE REBUILT CMU WALL.
2. PILASTER:
 - A. REMOVE DEFECTIVE CMU AND GROUT AT PILASTER LOCATIONS.
 - B. DRILL AND EPOXY HORIZONTAL ANCHORS IN SECTION OF PILASTER TO REMAIN.
 - C. SET NEW CMU FOR REPLACEMENT PILASTER.
 - D. FULLY GROUT REPLACEMENT CMU PILASTER.
 - E. SEE SC-4 FOR PILASTER REPAIRS.

OPTION 1:

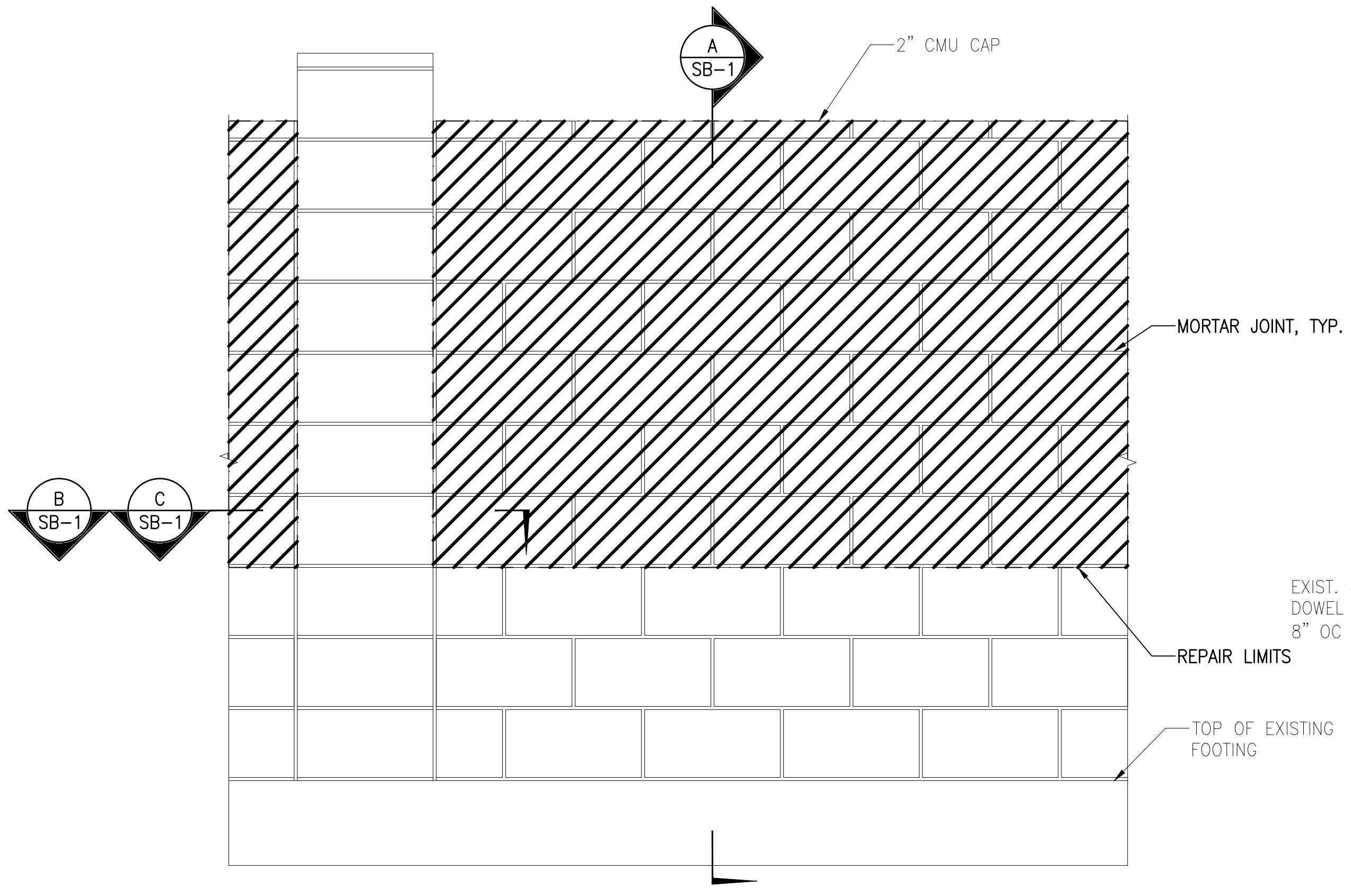
REMOVE AND REPLACE UPPER SIX COURSES OF CMU AND ADDITIONAL DEFECTIVE CMU AND GROUT. (COST: \$240,220)

LEGEND:

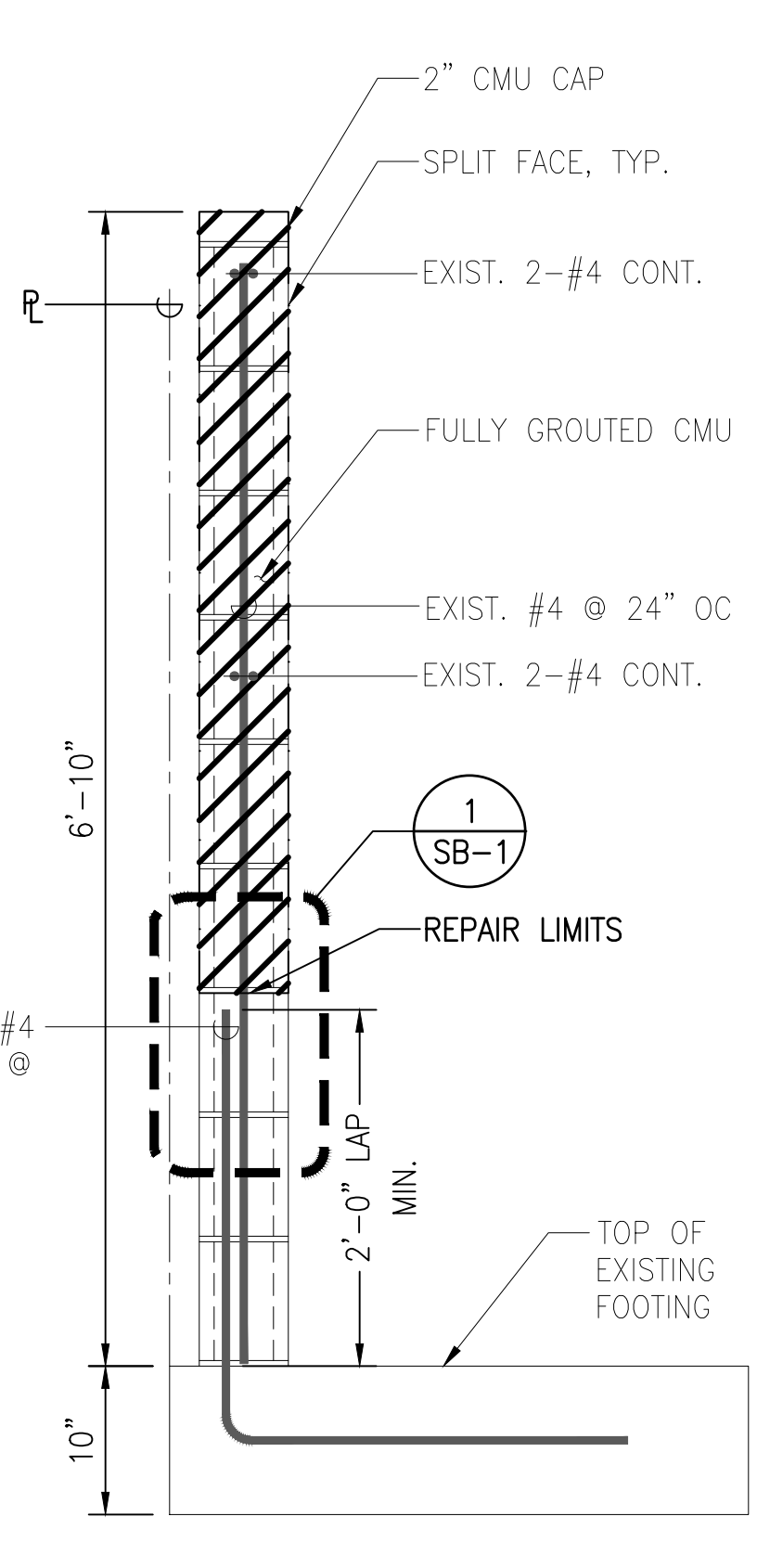
DEFECTIVE CMU AND GROUT TO BE REMOVED AND REPLACED

DESIGN: -							
DRAWN: KSF	REVISION	DATE	BRIEF	BY	APPROVED		
CHECKED: -	615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us						
DATE: NOVEMBER 2022	VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII						
	KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOLULU, EWA, OAHU, HAWAII						
	OPTION 1 - DEMOLITION AND CMU REPLACEMENT						
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. SIGNATURE _____ 4/30/2024 EXPIRATION DATE OF THE LICENSE	APPROVED:					DWG NO. SA-1	

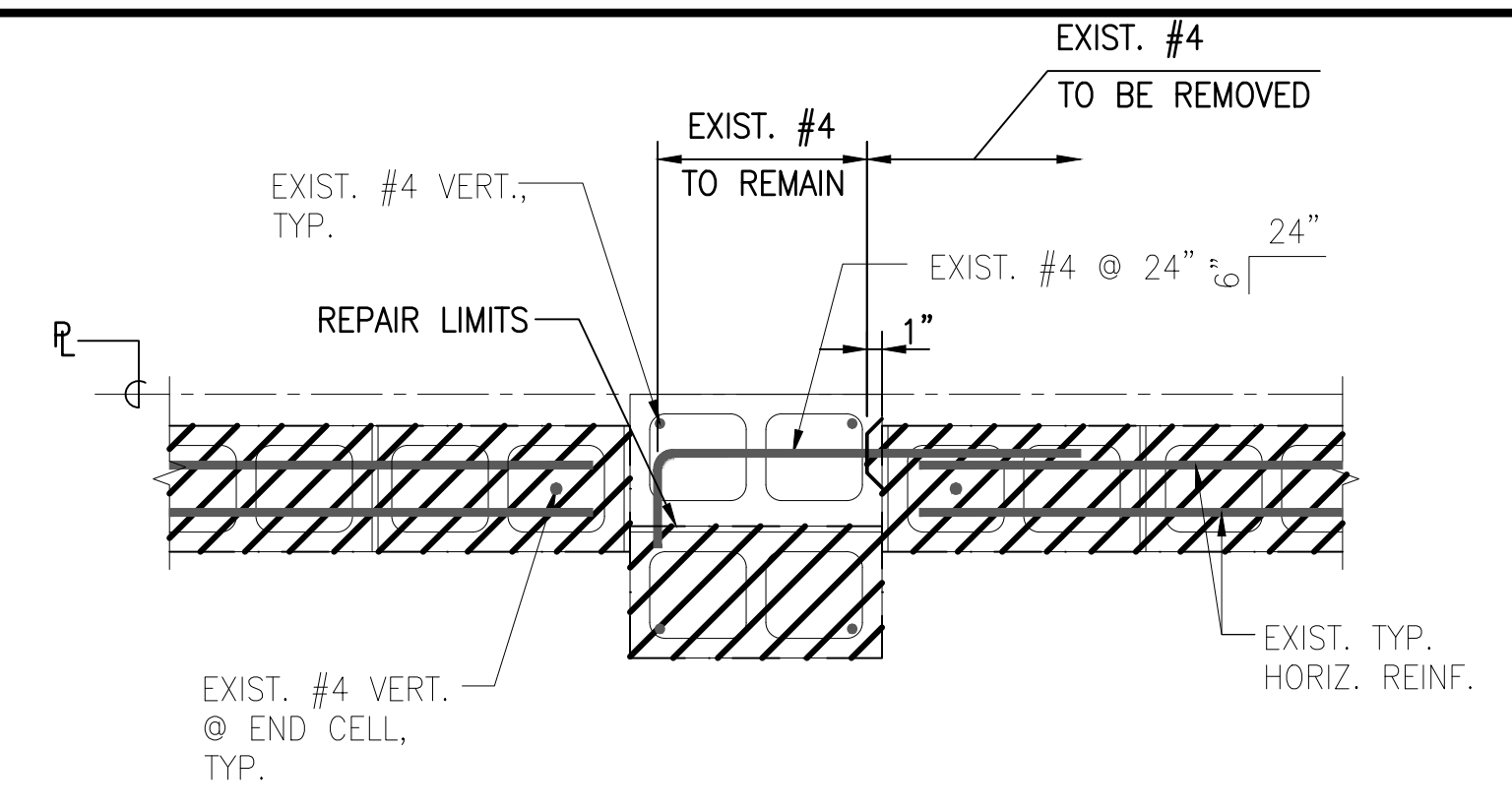
DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01 CAD\12-XX-22\PREL\KWM - SA-SC DETAILS.DWG PLOT TIME: 12-13-22, 11:20 AM



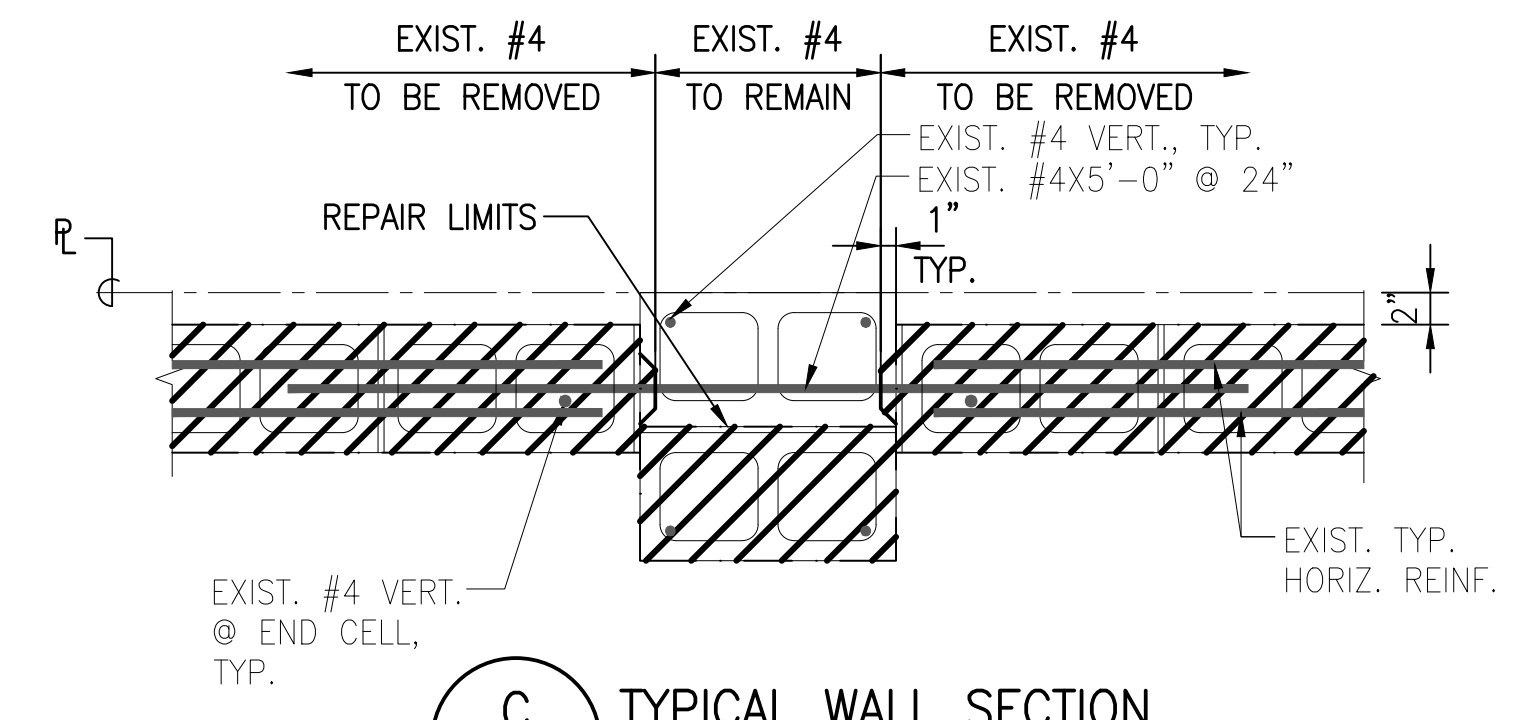
TYPICAL WALL ELEVATION
SCALE: 1" = 1'-0"



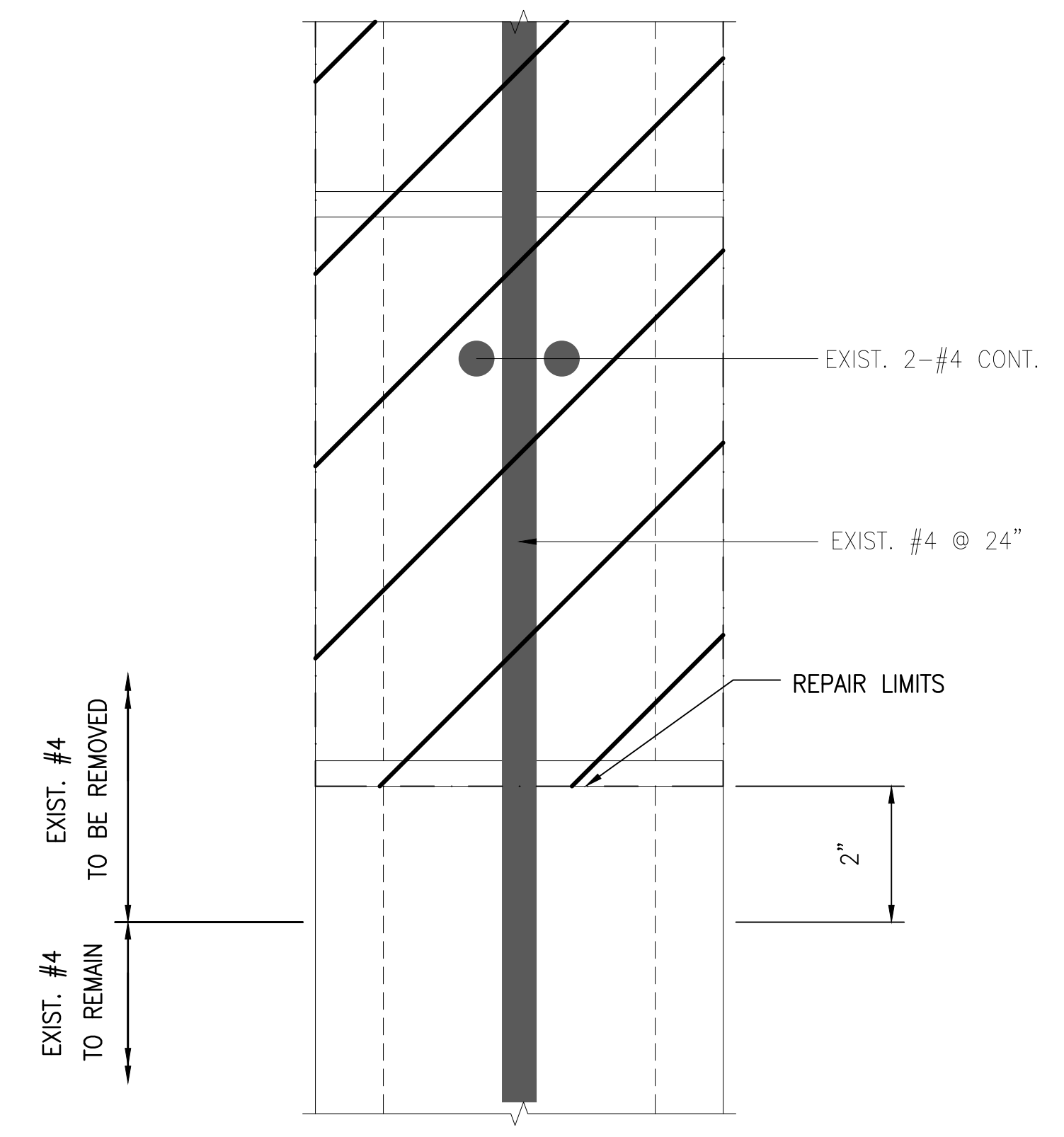
A TYPICAL WALL SECTION
SB-1 SCALE: 1" = 1'-0"



B CONDITION WITH CONTROL JOINT
SB-1 SCALE: 1" = 1'-0"



C TYPICAL WALL SECTION
SB-1 SCALE: 1" = 1'-0"



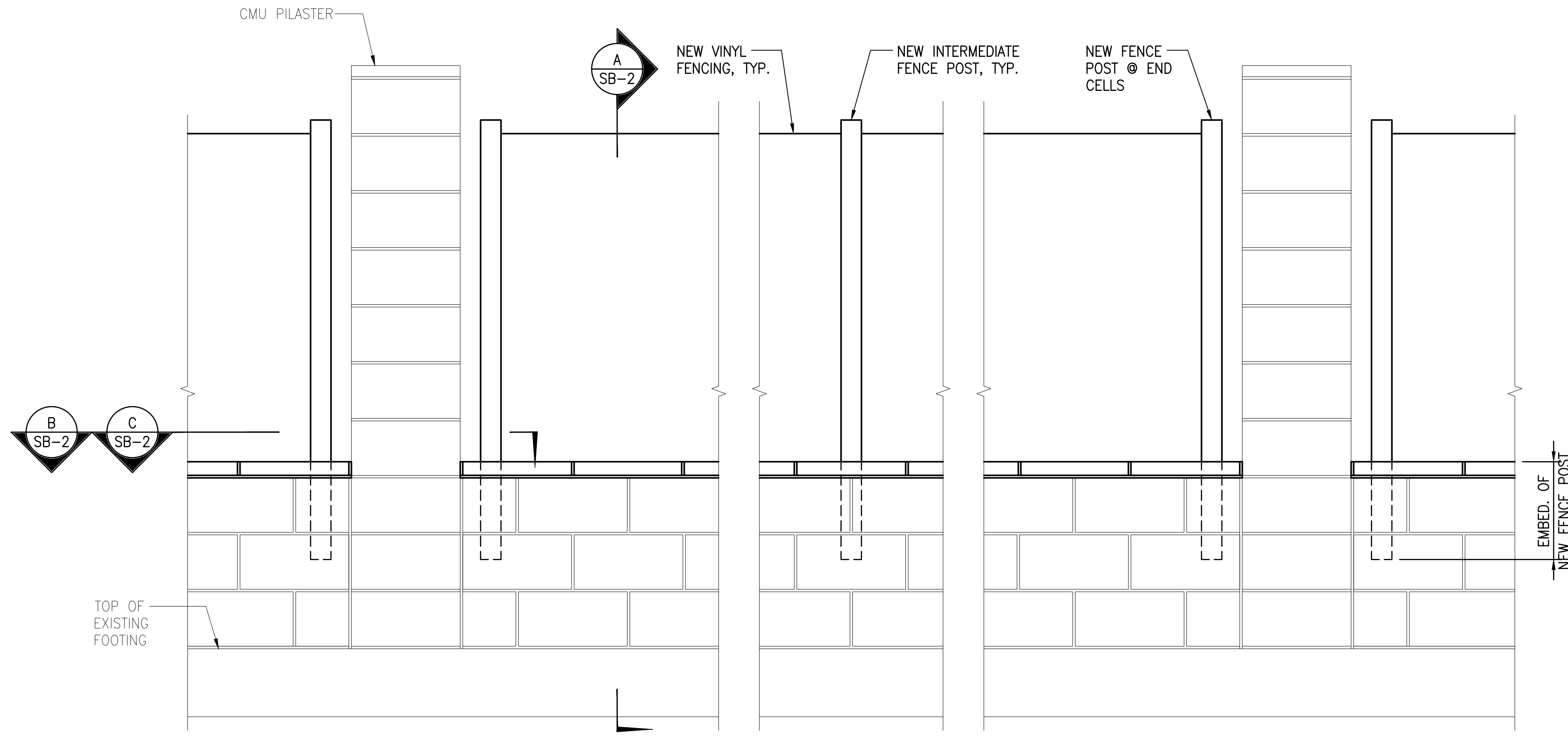
1 TYPICAL WALL SECTION
SB-1 SCALE: 6" = 1'-0"

LEGEND:

DEFECTIVE CMU AND GROUT TO BE REMOVED AND REPLACED

DESIGN: -							
DRAWN: KSF	REVISION	DATE	BRIEF	BY	APPROVED		
CHECKED: -	615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us						
DATE: NOVEMBER 2022							
VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII							
KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOLULU, EWA, OAHU, HAWAII							
OPTION 2 - CMU WALL DEMOLITION SECTION AND DETAILS							
APPROVED:						DWG NO.	
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION SIGNATURE _____						4/30/2024	EXPIRATION DATE OF THE LICENSE
							SB-1

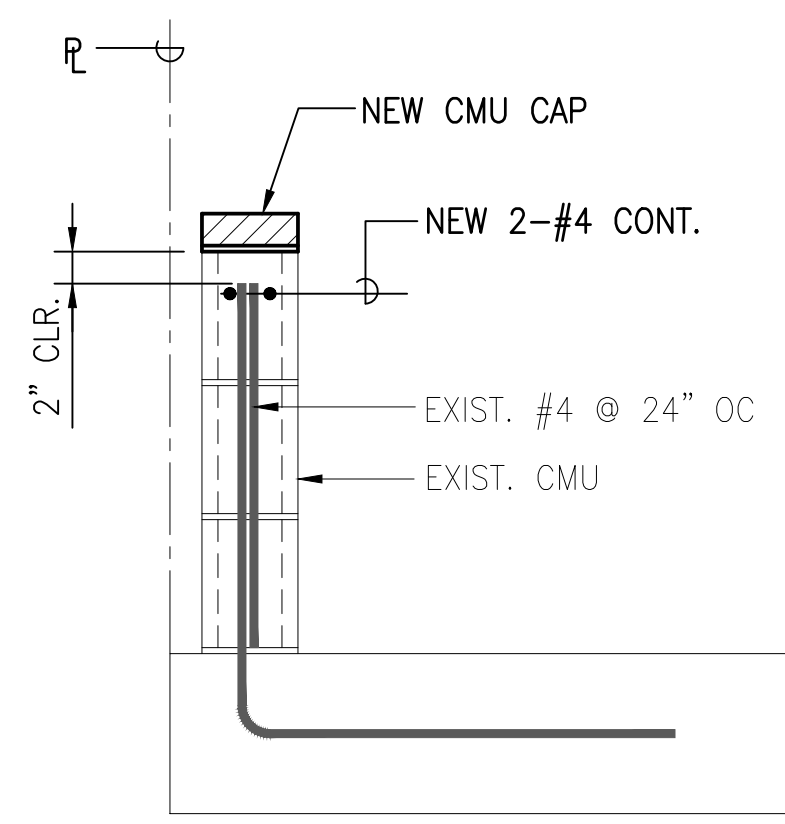
DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01 CAD\12-XX-22-PREL\KWM - SA-SC DETAILS.DWG PLOT TIME: 12-13-22, 11:21 AM



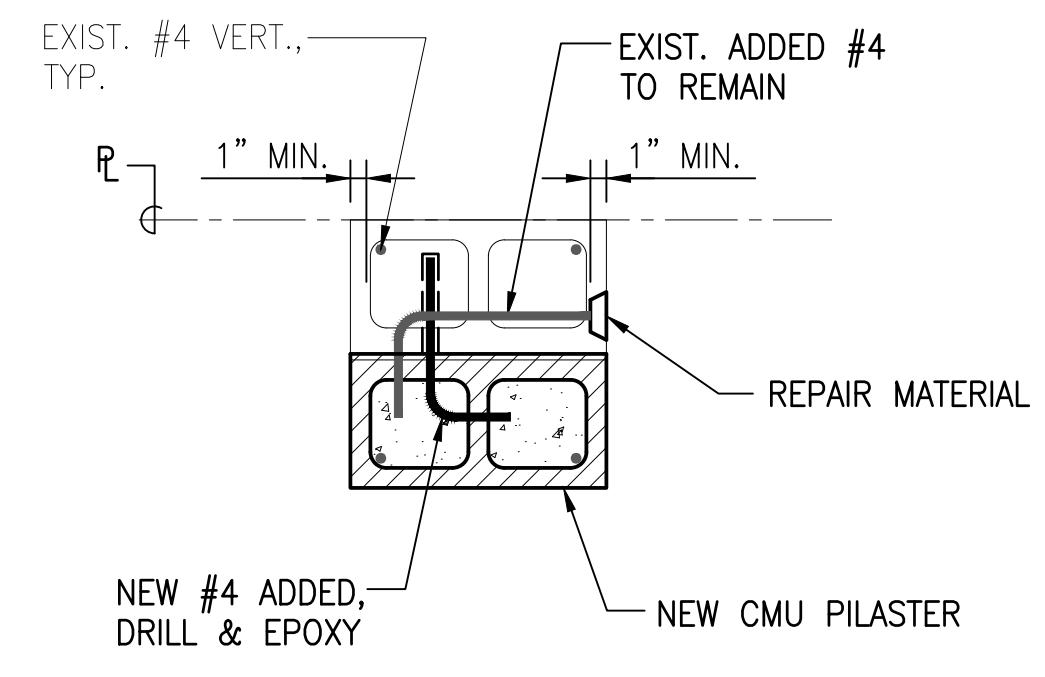
TYPICAL WALL ELEVATION
SCALE: 1" = 1'-0"

NOTES:

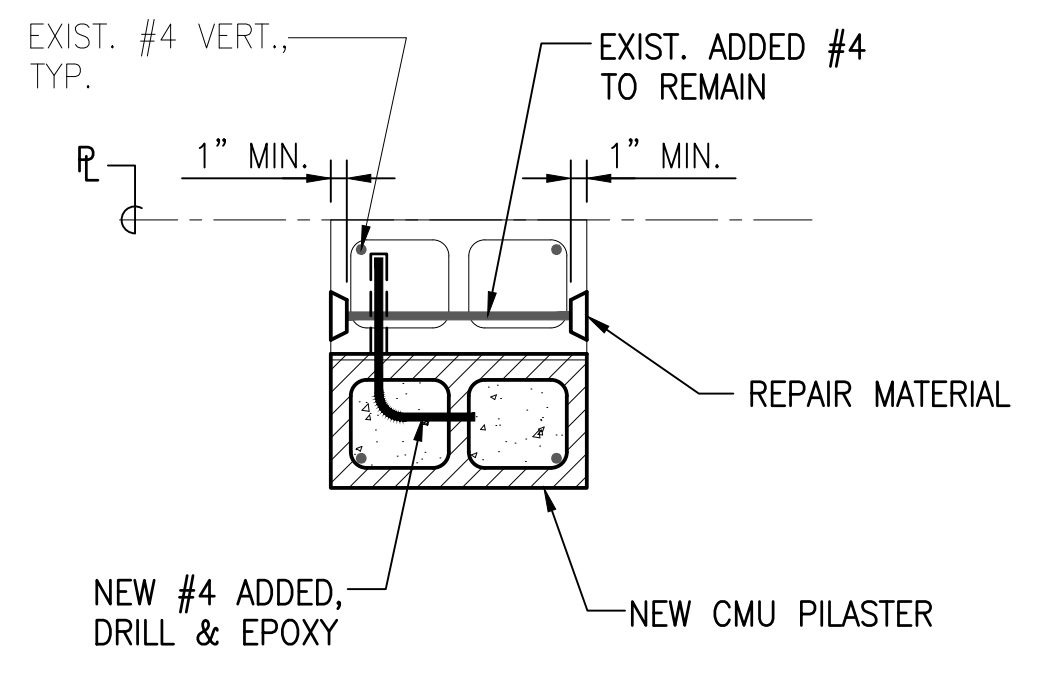
1. CMU WALL:
 - A. REMOVE THE FIRST TO SIXTH COURSE OF EXISTING CMU. REMOVE ANY ADDITIONAL DEFECTIVE CMU AND GROUT BELOW THE SIXTH COURSE (SEE SC-1).
 - B. REPLACE ANY REBAR THAT HAS LESS THAN 75% CROSS-SECTIONAL AREA REMAINING (SEE SC-4).
 - C. SET REPLACEMENT CMU AND VENEERS AS NEEDED. PLACE REINFORCING IN THE TOP COURSE OF CMU AND GROUT THE UNITS.
 - D. PLACE FENCING POSTS ADJACENT TO EACH PILASTER. SPACING OF INTERMEDIATE POSTS SHALL NOT EXCEED 6 FEET. POSTS SHALL BE EMBEDDED OR SECURED TO THE CMU WALL.
 - E. PLACE NEW FENCING ON REMAINING CMU WALL. FENCING SHALL MATCH THE HEIGHT OF ORIGINAL CMU WALL.
2. PILASTER:
 - A. REMOVE DEFECTIVE CMU AND GROUT AT PILASTER LOCATIONS.
 - B. CUT HORIZONTAL ADDED #4 BARS IN THE PILASTERS. BARS SHOULD BE CUT BACK 1 INCH FROM THE SURFACE OF THE CMU FACE.
 - C. PATCH AREAS WHERE BARS AT THE PILASTER WERE CUT.
 - D. DRILL AND EPOXY HORIZONTAL ANCHORS IN SECTION OF PILASTER TO REMAIN.
 - E. SET NEW CMU FOR REPLACEMENT PILASTER.
 - F. FULLY GROUT REPLACEMENT CMU PILASTER.
 - G. SEE SC-4 FOR PILASTER REPAIRS.



A TYPICAL WALL SECTION
SB-2 SCALE: 1" = 1'-0"




B WITHOUT CONTROL JOINT
SB-2 SCALE: 1" = 1'-0"



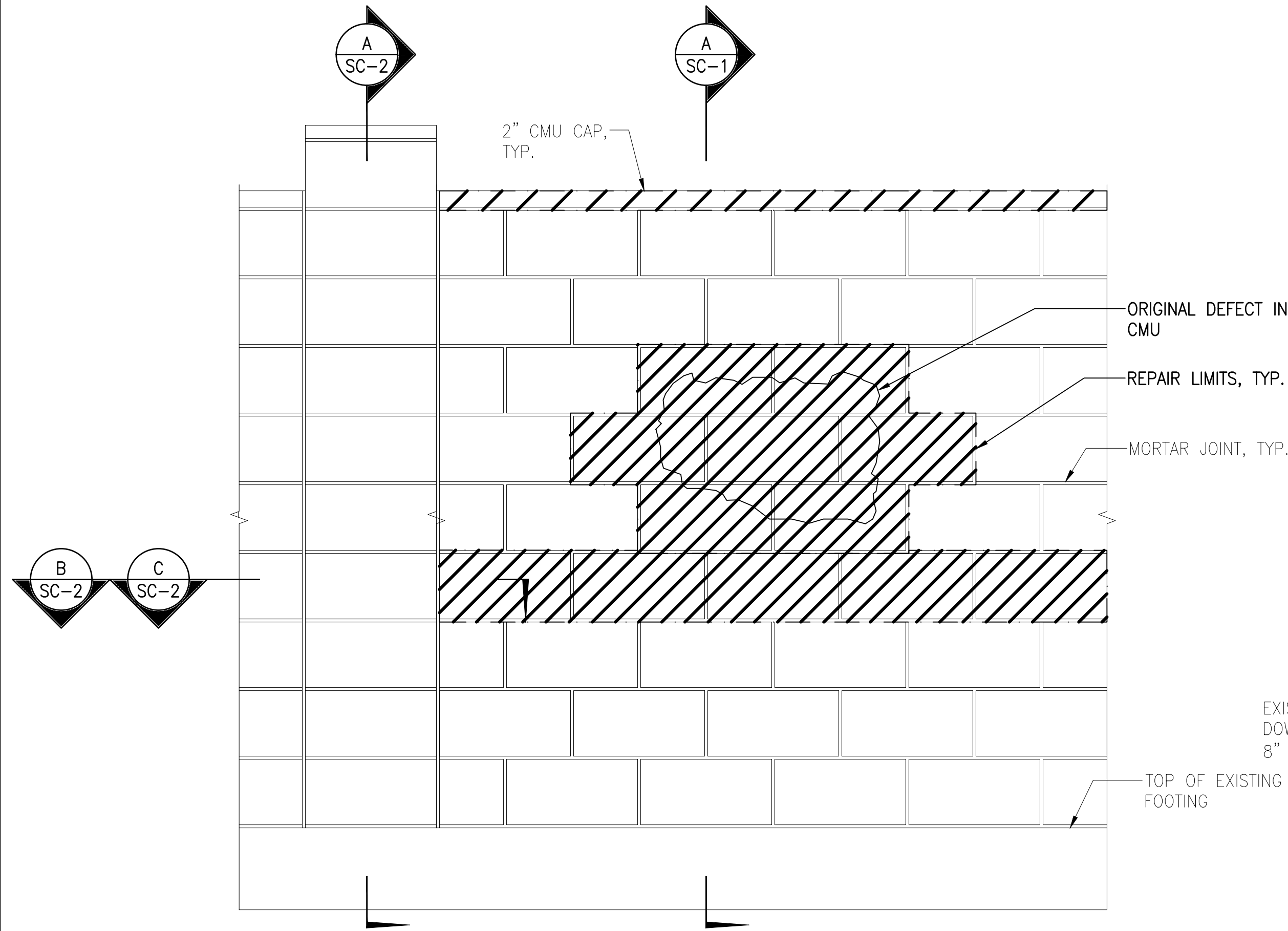
C WITHOUT CONTROL JOINT
SB-2 SCALE: 1" = 1'-0"

OPTION 2:

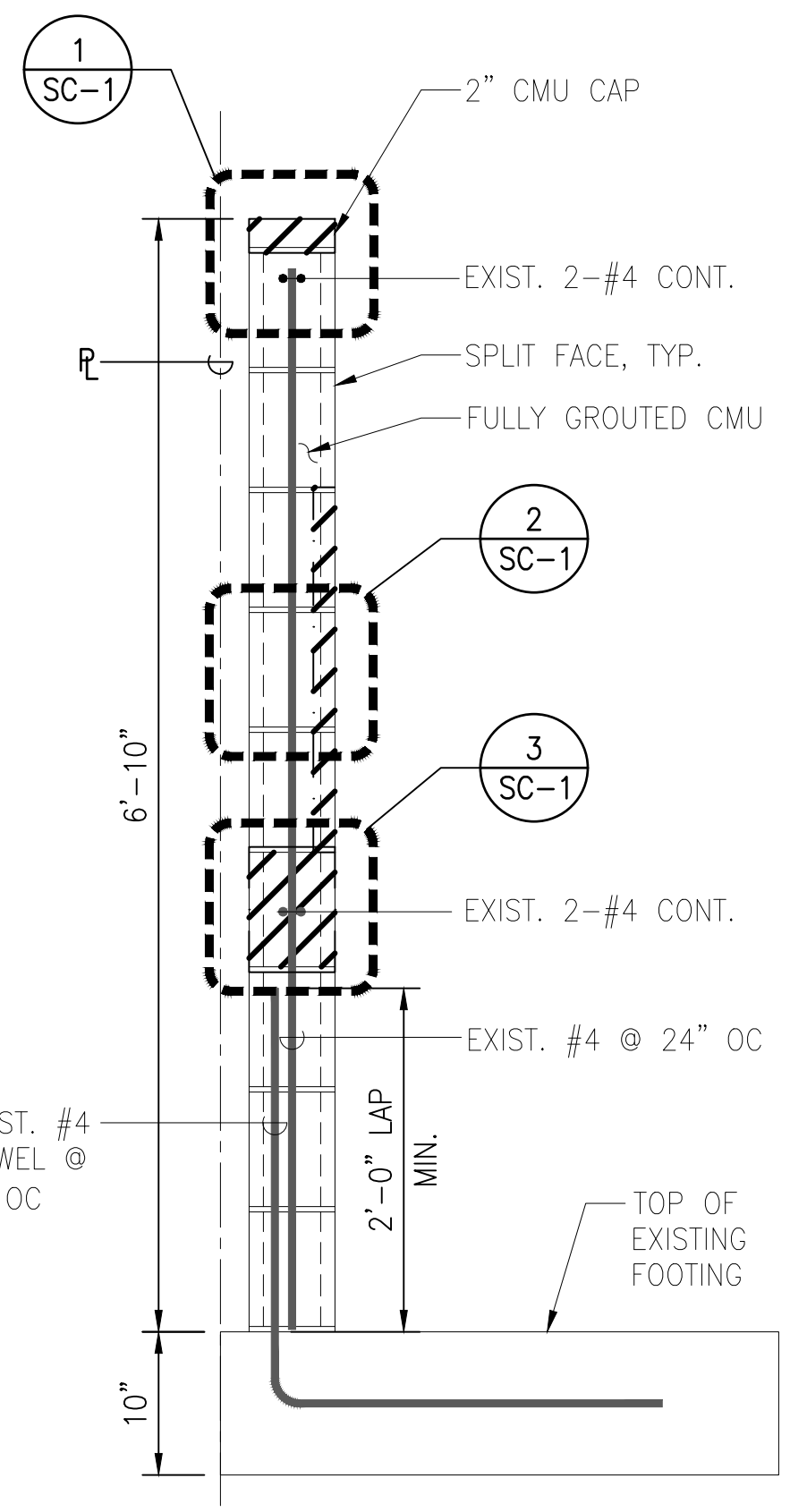
REMOVE DEFECTIVE CMU AND GROUT AND REPLACE WITH VINYL FENCE.
(COST: \$244,500)

DESIGN: -	REVISION	DATE	BRIEF	BY	APPROVED
DRAWN: KSF					
CHECKED: -					
DATE: NOVEMBER 2022					
 615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us					
VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII					
KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOLULU, EWA, OAHU, HAWAII					
OPTION 2 - VINYL FENCE, CMU, AND PILASTER REPAIR SECTIONS					
APPROVED:					DWG NO.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.					4/30/2024 EXPIRATION DATE OF LICENSE
					SB-2

DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSRP.01 CAD\12-XX-22-PREL\KVM - SA-SC DETAILS.DWG PLOT TIME: 12-13-22, 11:19 AM



TYPICAL WALL DEFECT ELEVATION
SCALE: 1" = 1'-0"



TYPICAL WALL DEFECT SECTION
SCALE: 1" = 1'-0"

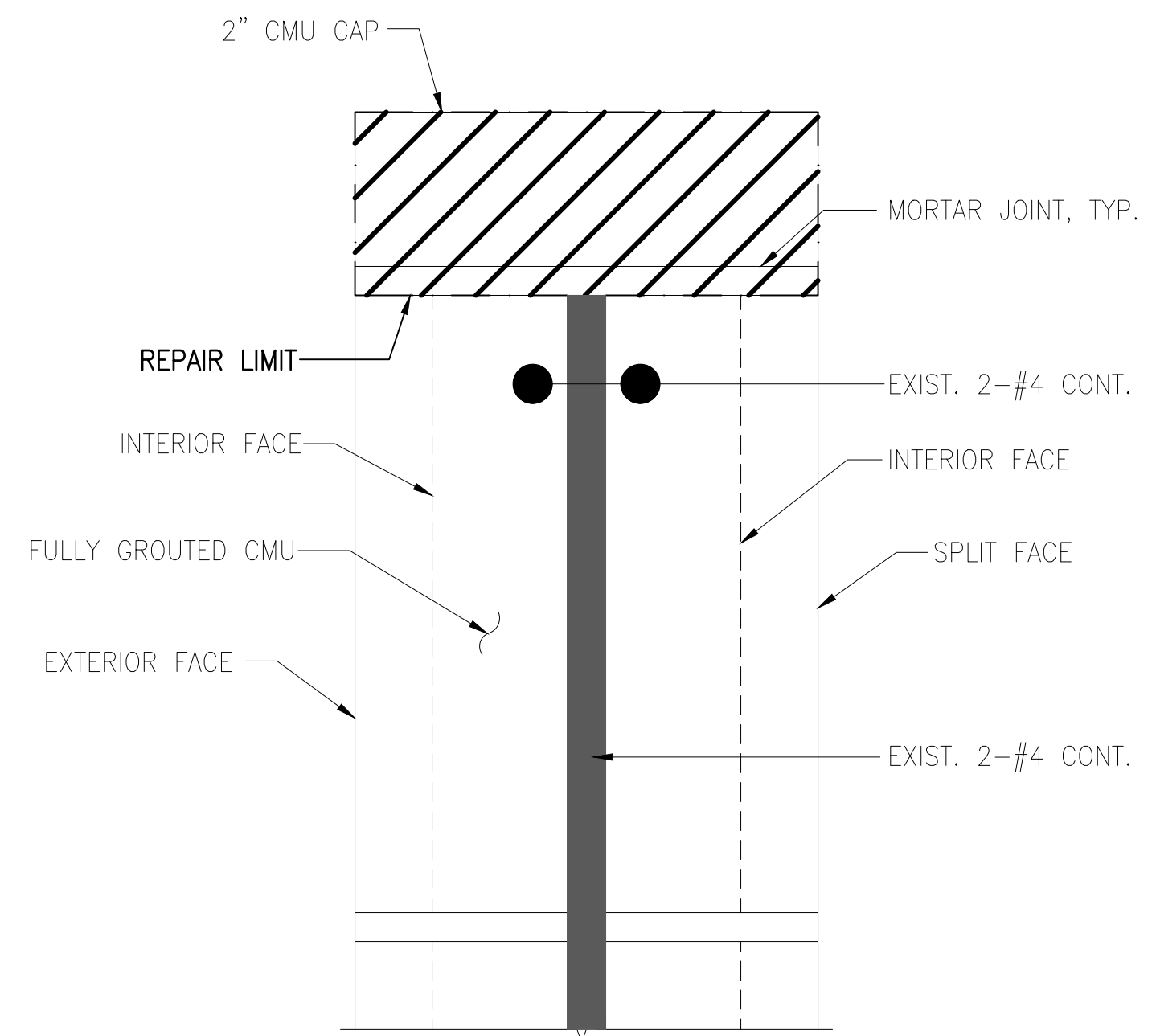
PREPARATION OF SUBSTRATE AND REINFORCING STEEL FOR CMU WALL REPAIRS:

1. CMU WALL:
 - A. DEFECTIVE CMU AND GROUT AS NOTED IN THE DRAWINGS REFERS TO "SPALLS", "DELAMINATIONS", "CRACKS", AND "VOIDS".
 - B. THE CONTRACTOR SHALL IDENTIFY ANY ADDITIONAL REPAIR AREAS NOT EXPLICITLY SHOWN ON THE PLANS.
 - C. REPAIR LIMITS SHALL BE TO THE NEAREST HORIZONTAL AND VERTICAL CMU JOINTS.
 - D. SAWCUT ALONG THE PERIMETER OF THE REPAIR AREA. DO NOT OVER CUT.
 - E. REMOVE ALL DEFECTIVE CMU AND GROUT WITH DEMOLITION EQUIPMENT.
 - F. REPAIR ANY REINFORCING FOUND TO HAVE LESS THAN 75% CROSS-SECTIONAL AREA REMAINING. REMOVE ANY CORROSION ON THE REINFORCING PRIOR TO REBAR SPLICING AND REPAIR MATERIAL.
 - G. VERIFY THAT ALL DEFECTIVE CMU AND GROUT HAS BEEN REMOVED.
 - H. CLEAN THE REPAIR SURFACE BY WATER BLASTING AND USE OF OIL-FREE COMPRESSED AIR. THE REPAIR SURFACE SHALL BE SATURATED PRIOR TO REPAIR MATERIAL PLACEMENT.
2. PILASTER:
 - A. REMOVE DEFECTIVE CMU AND GROUT AT PILASTER LOCATIONS.
 - B. DRILL AND EPOXY HORIZONTAL ANCHORS IN SECTION OF PILASTER TO REMAIN.

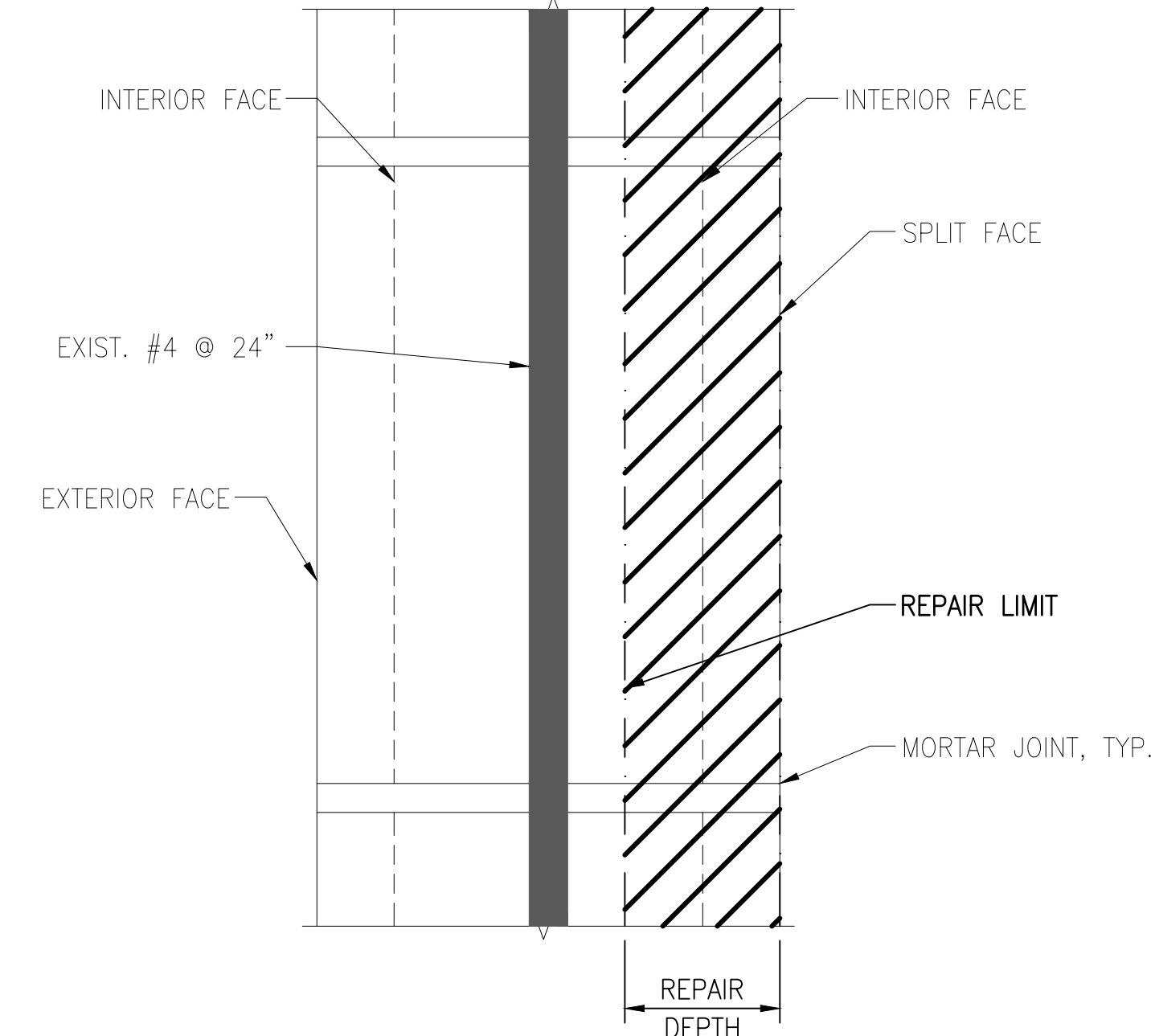
APPLICATION OF CMU REPAIR MATERIALS:

1. CMU WALL:
 - A. REPLACEMENT CMU BLOCKS SHALL MATCH THE EXISTING CMU BLOCKS VISUAL AND PHYSICAL PROPERTIES.
 - B. REPAIR MORTAR OR GROUT SHALL MATCH THE EXISTING GROUT IN VISUAL AND PHYSICAL PROPERTIES.
 - C. PLACE THE MATERIAL IN REPAIR AREA AND WET SET CMU VENEER AND POINT THE JOINTS BETWEEN UNITS FOR PARTIAL CMU REPAIR WORK.
 - D. SET CMU SHELL THEN PLACE REPAIR MATERIAL FOR CMU REPLACEMENT. AFTER REPAIR MATERIAL HAS BEEN PLACED, WET SET CMU VENEER AND POINT JOINTS BETWEEN UNITS.
 - E. ALL VENEERS AND REPLACEMENT CMU'S SHALL MATCH THE FINAL FACING OF THE EXISTING CMU WALL.
 - F. ALL CMU CAPS SHALL BE REPLACED, EXCEPT FOR CMU PILASTERS.
2. PILASTER:
 - A. SET NEW CMU FOR REPLACEMENT PILASTER.
 - B. FULLY GROUT REPLACEMENT CMU PILASTER.

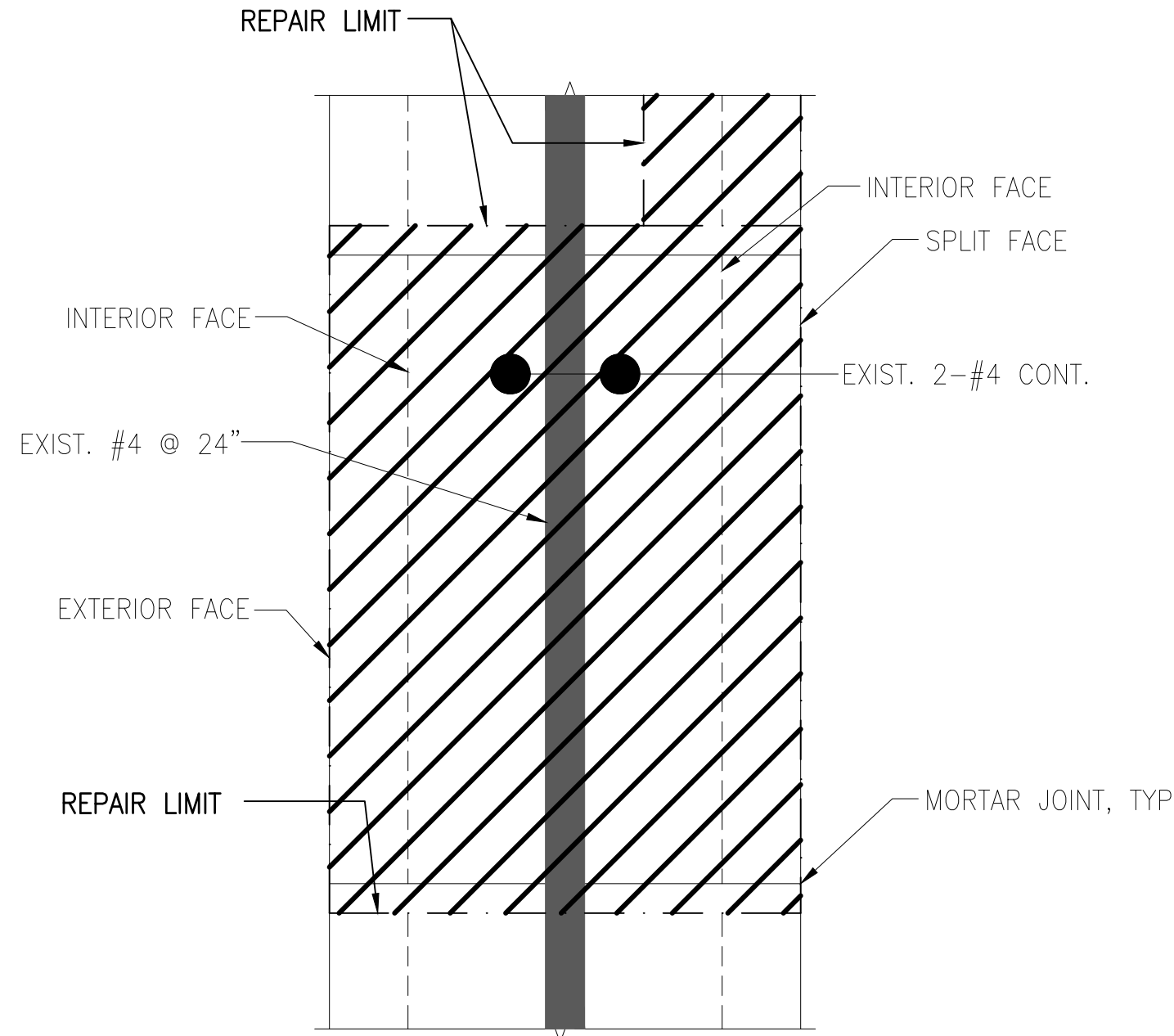
LEGEND:



1 TYPICAL CMU CAP REPAIR
SCALE: 6" = 1'-0"



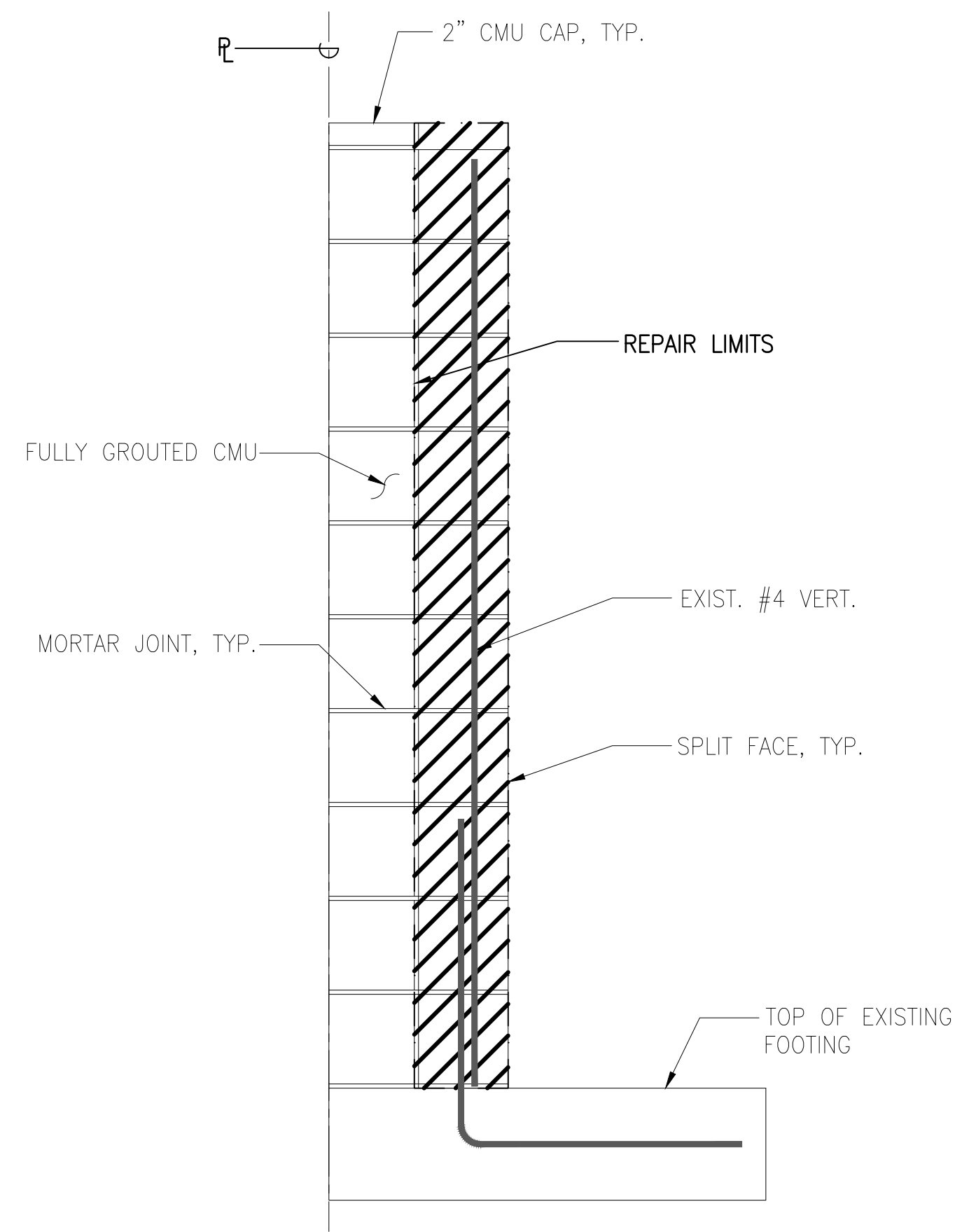
2 TYPICAL PARTIAL CMU REPAIR
SCALE: 6" = 1'-0"



3 TYPICAL FULL CMU REPAIR
SCALE: 6" = 1'-0"

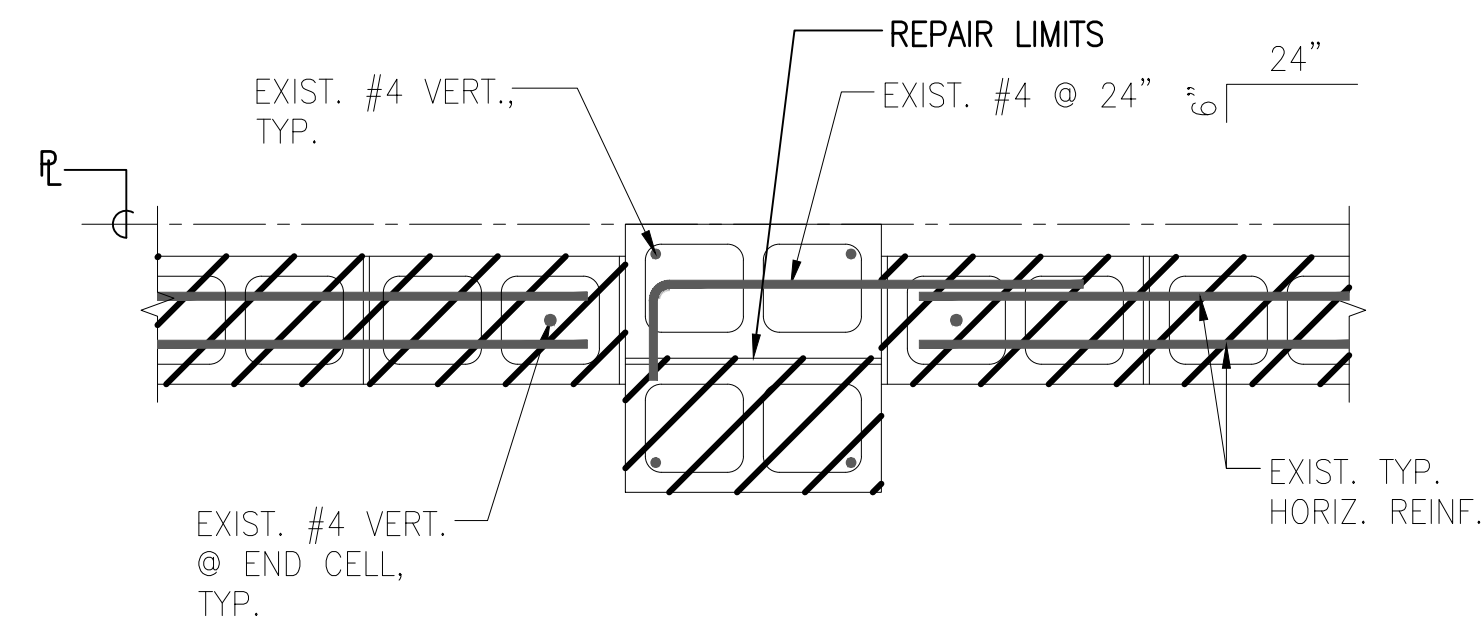
DESIGN: -	REVISION	DATE	BRIEF	BY	APPROVED
DRAWN: KSF					
CHECKED: -					
DATE: NOVEMBER 2022					
615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us					
VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII					
KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOLULU, EWA, OAHU, HAWAII					
OPTION 3 - DEMOLITION OF SELECT LOCATIONS					
APPROVED: _____					DWG NO. SC-1

DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01 CAD\12-XX-22-XX-22-PREL\KWW - SA-SC DETAILS.DWG PLOT TIME: 12-13-22, 11:20 AM)

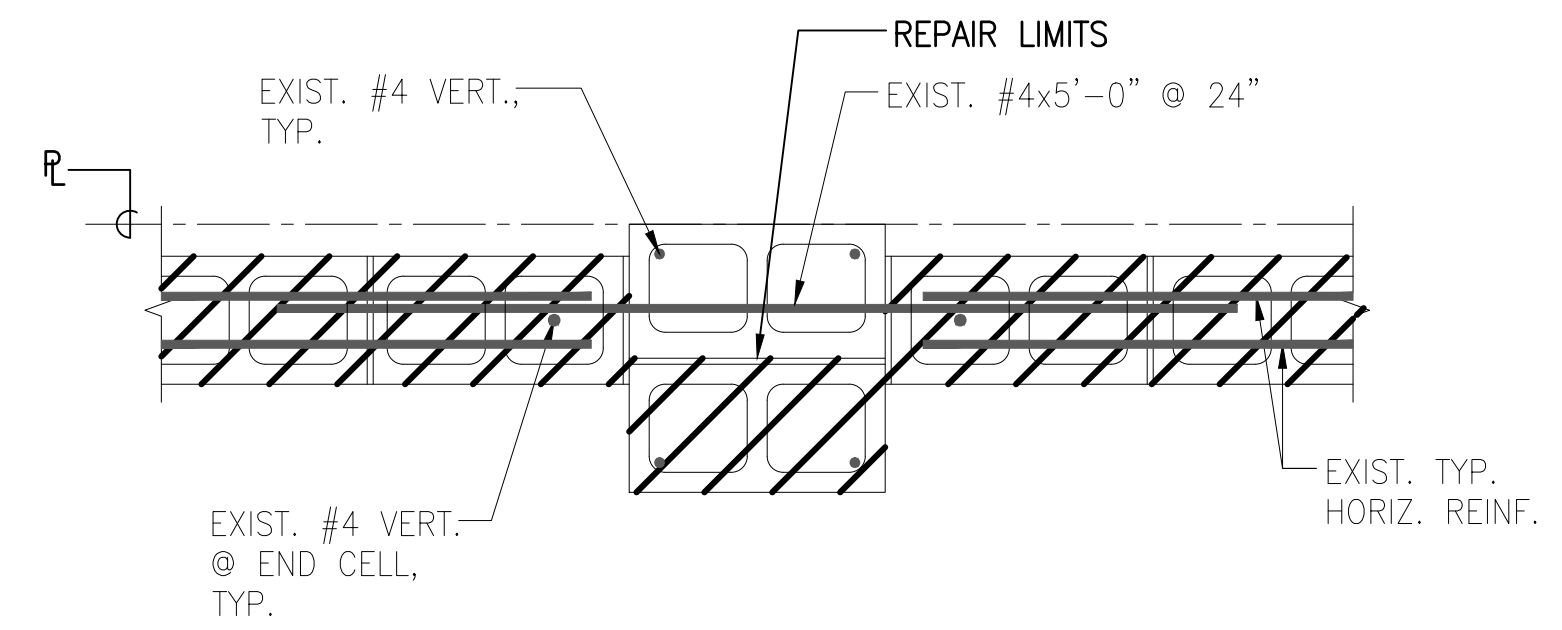


A TYPICAL PILASTER REPAIRS
SC-2 SCALE: 1" = 1'-0"

NOTE:
CONTRACTOR SHALL VERIFY PILASTER REINFORCING.



B DEMOLITION AT CONTROL JOINT
SC-2 SCALE: 1" = 1'-0"



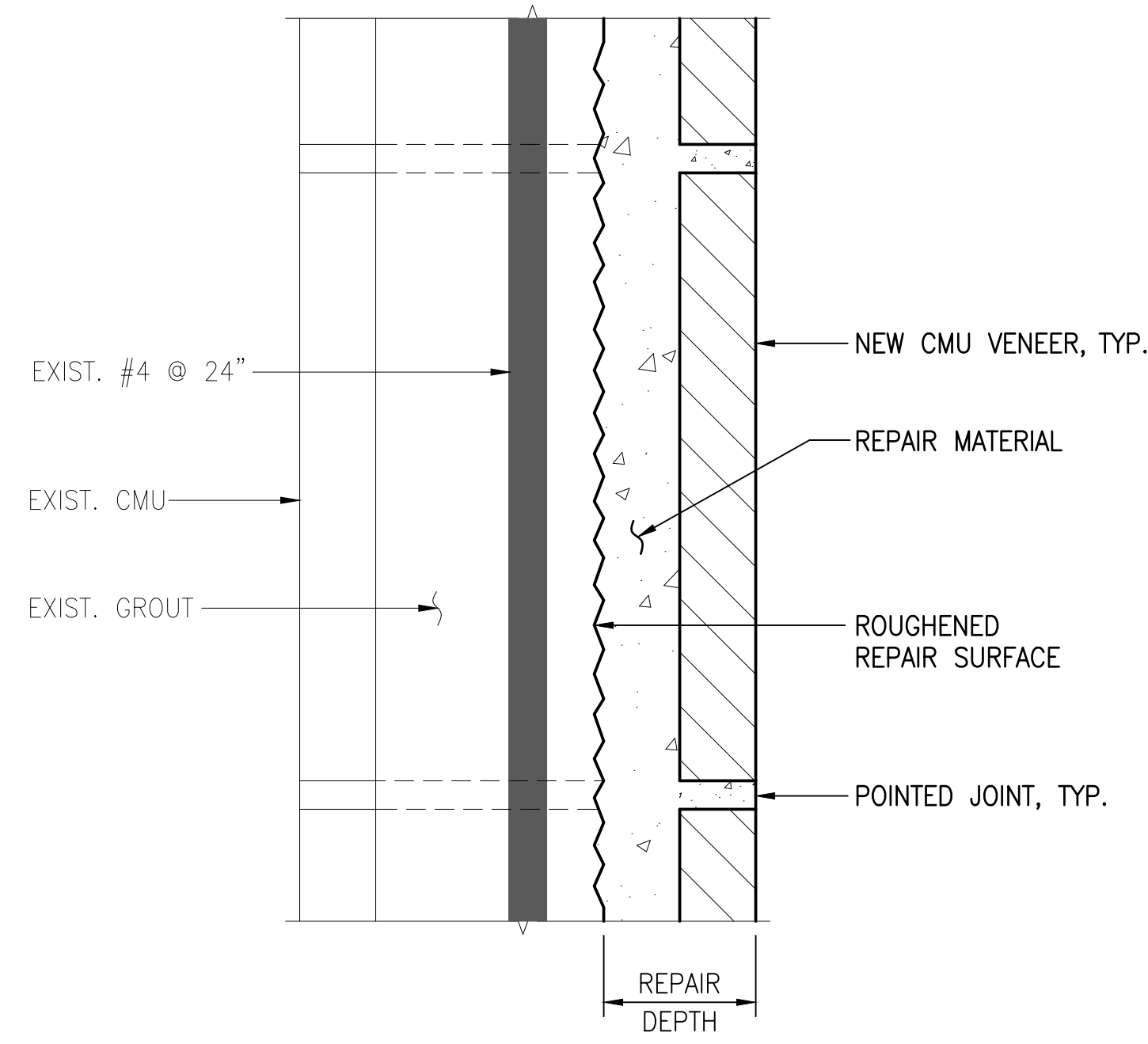
C DEMOLITION AT CONTINUOUS PILASTER
SC-2 SCALE: 1" = 1'-0"

LEGEND:

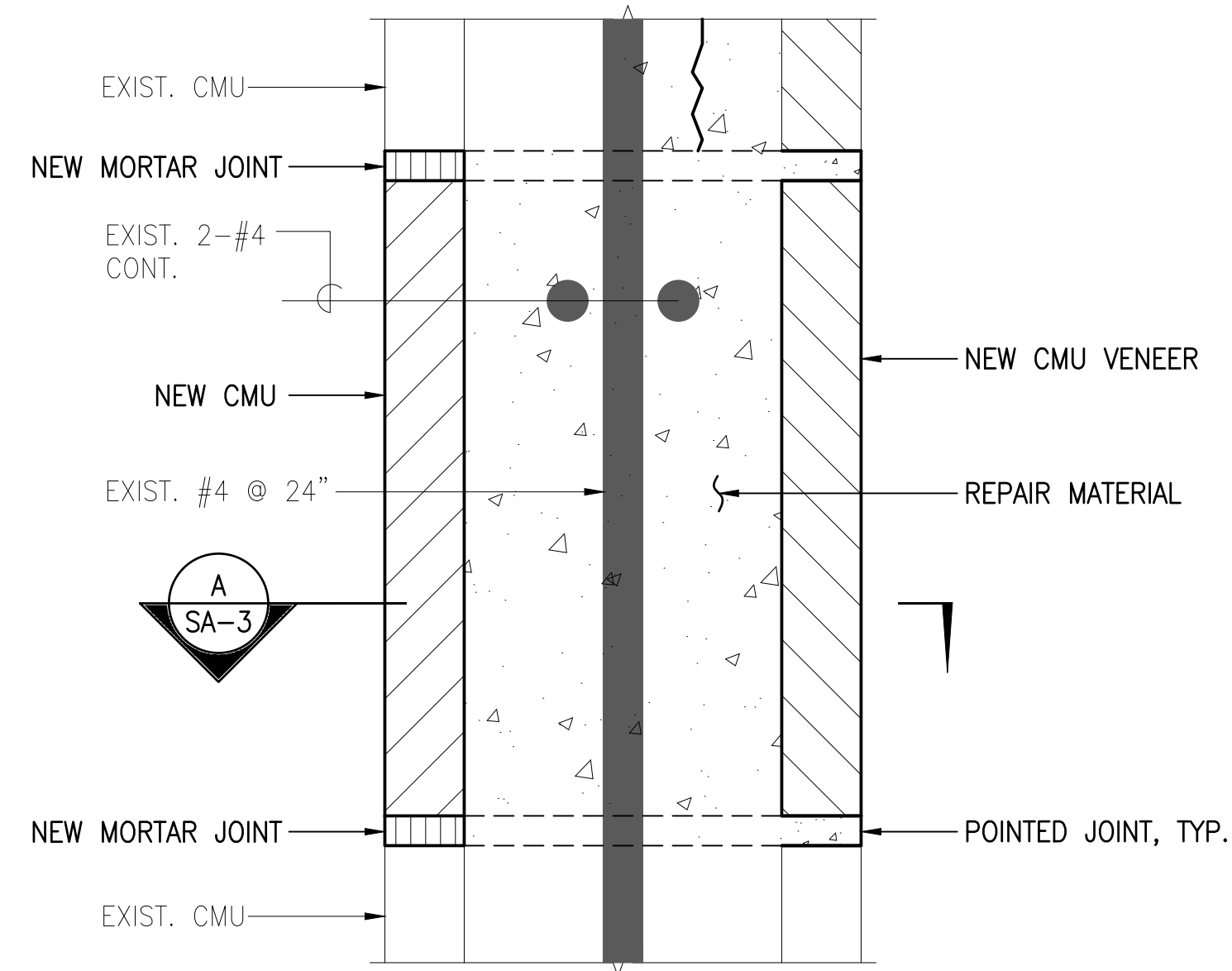
DEFECTIVE CMU AND GROUT TO BE REMOVED AND REPLACED

DESIGN: -					
DRAWN: KSF	REVISION	DATE	BRIEF	BY	APPROVED
CHECKED: -	615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us				
DATE: NOVEMBER 2022					
VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII			KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOULIULI, EWA, OAHU, HAWAII		
OPTION 3 - PILASTER DEMOLITION SECTIONS			APPROVED:		DWG NO. SC-2
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.					
4/30/2024 SIGNATURE _____ EXPIRATION DATE OF THE LICENSE					

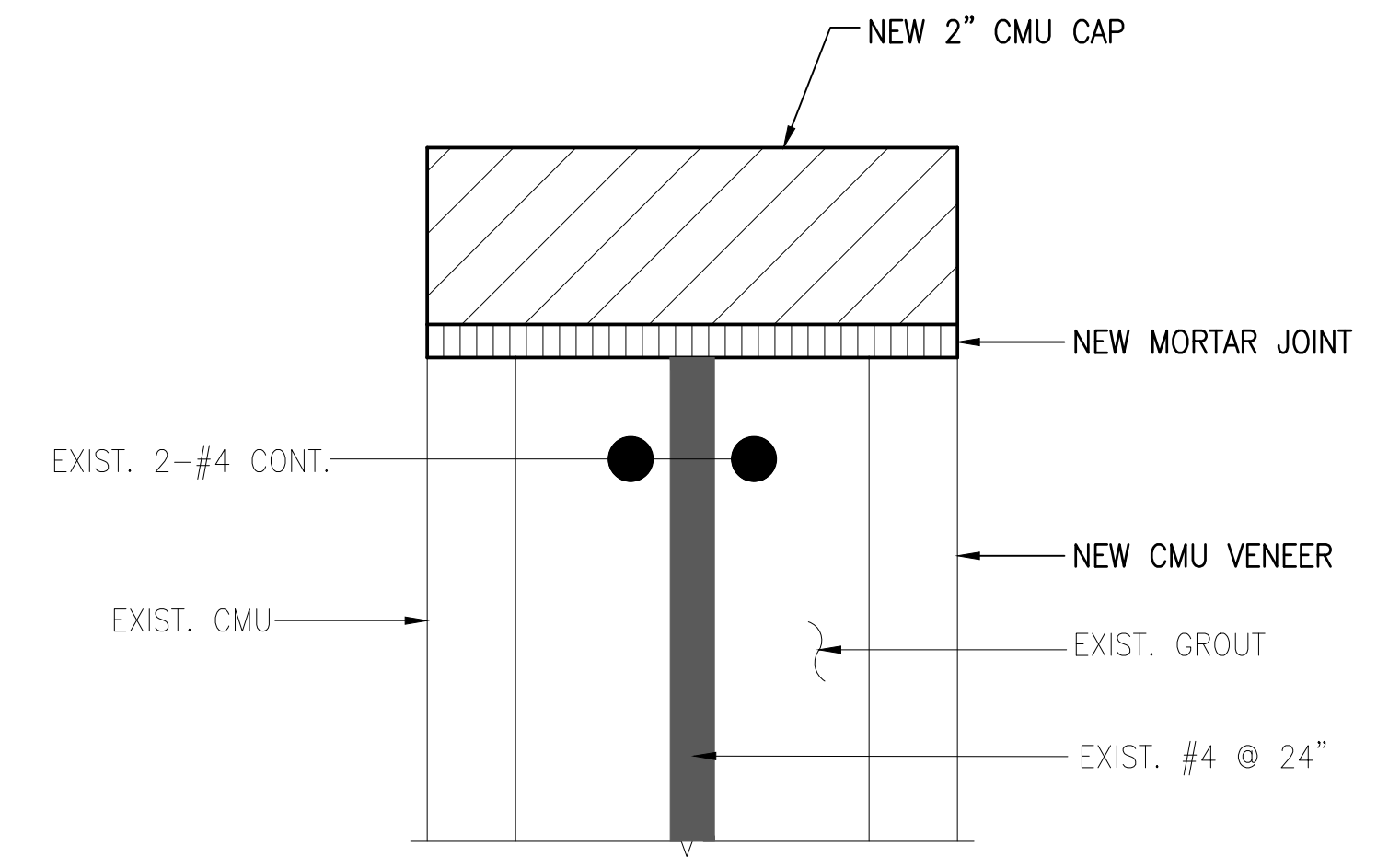
DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01 CAD\12-XX-22-PREL\KVM - SA-SC DETAILS.DWG PLOT TIME: 12-13-22, 11:20 AM



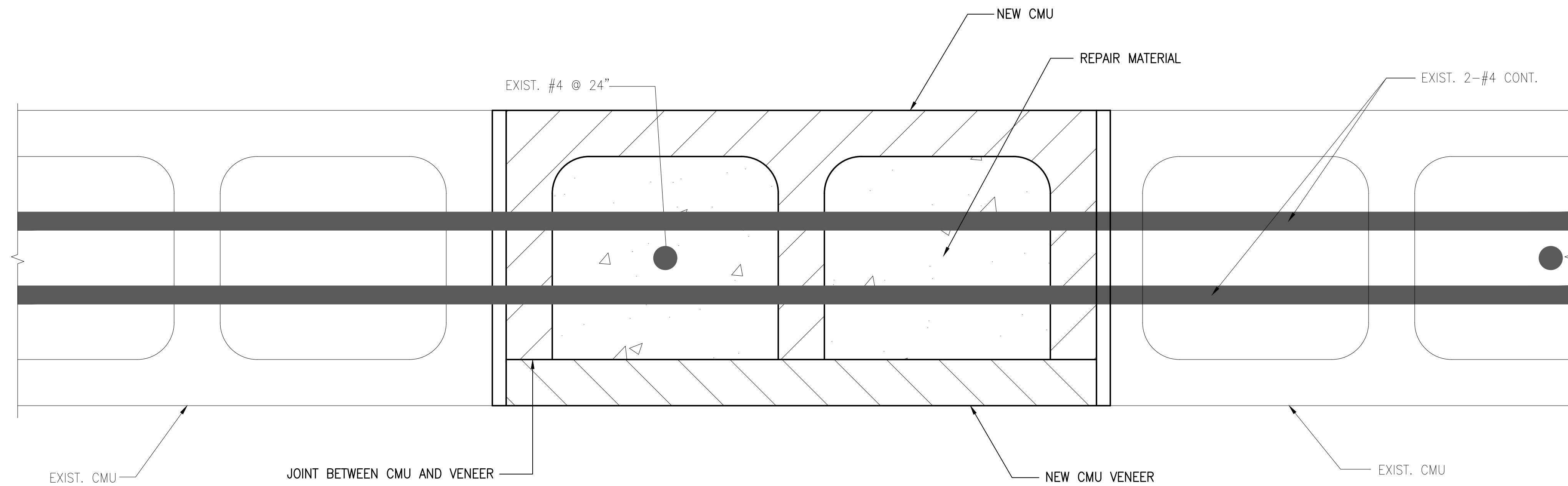
1 TYPICAL PARTIAL CMU REPAIR
SC-3 SCALE: 6" = 1'-0"




2 TYPICAL CMU REPLACEMENT
SC-3 SCALE: 6" = 1'-0"



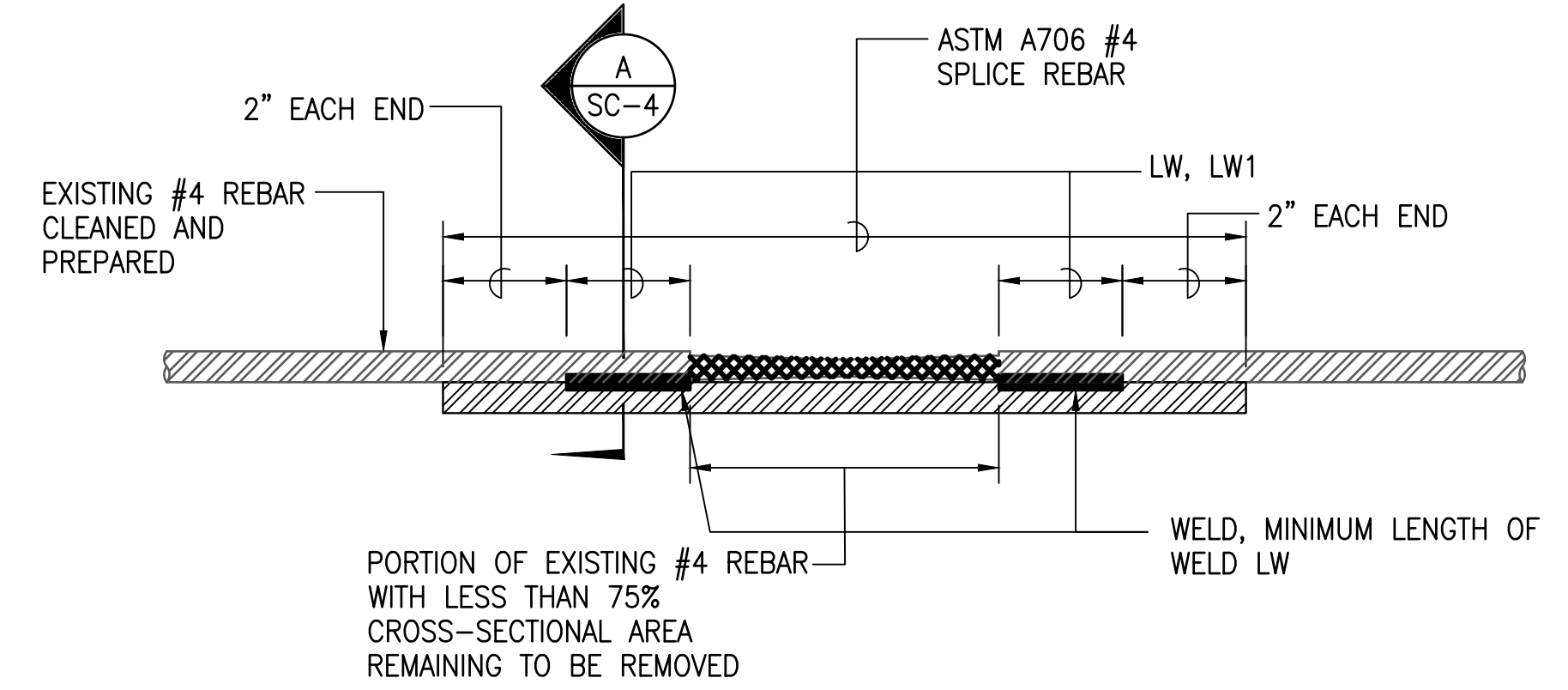
3 TYPICAL CMU CAP REPAIR
SC-3 SCALE: 6" = 1'-0"



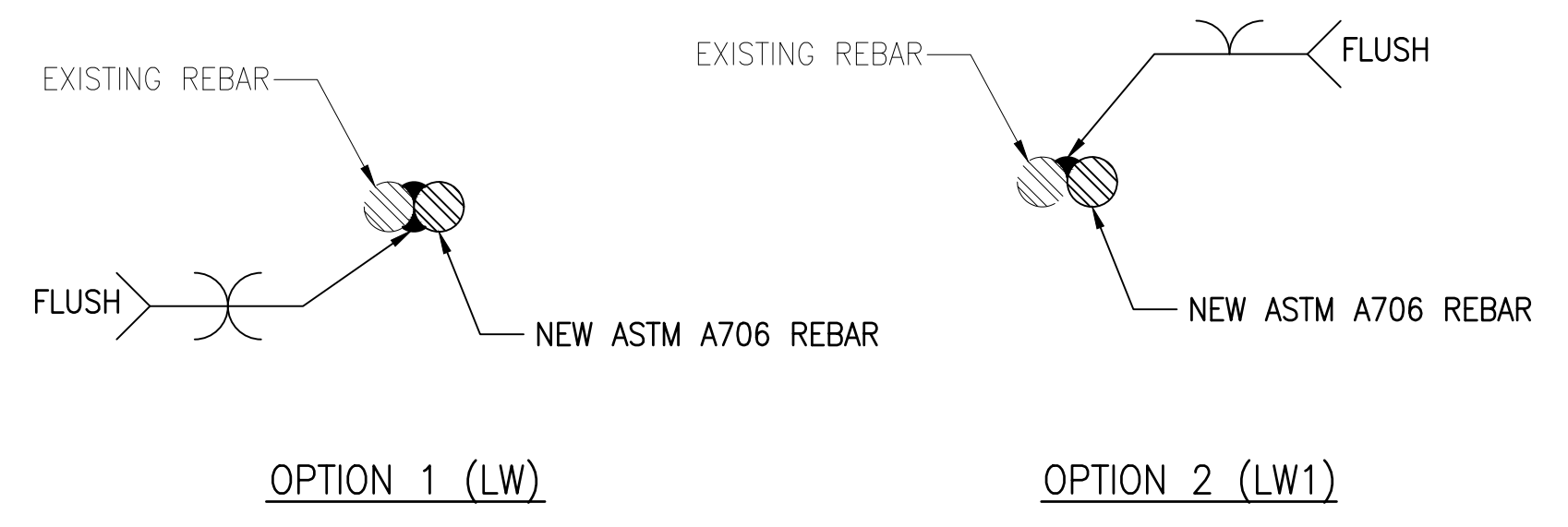
A TYPICAL CMU REPLACEMENT SECTION
SC-3 SCALE: 6" = 1'-0"

DESIGN: -	REVISION	DATE	BRIEF	BY	APPROVED
DRAWN: KSF					
CHECKED: -					
DATE: NOVEMBER 2022					
 615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us					
VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII					
KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOULIULI, EWA, OAHU, HAWAII					
OPTION 3 - CMU REPAIR DETAILS					
APPROVED:					DWG NO.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.					SC-3
SIGNATURE _____ DATE: 4/30/2024 EXPIRATION DATE OF THE LICENSE					

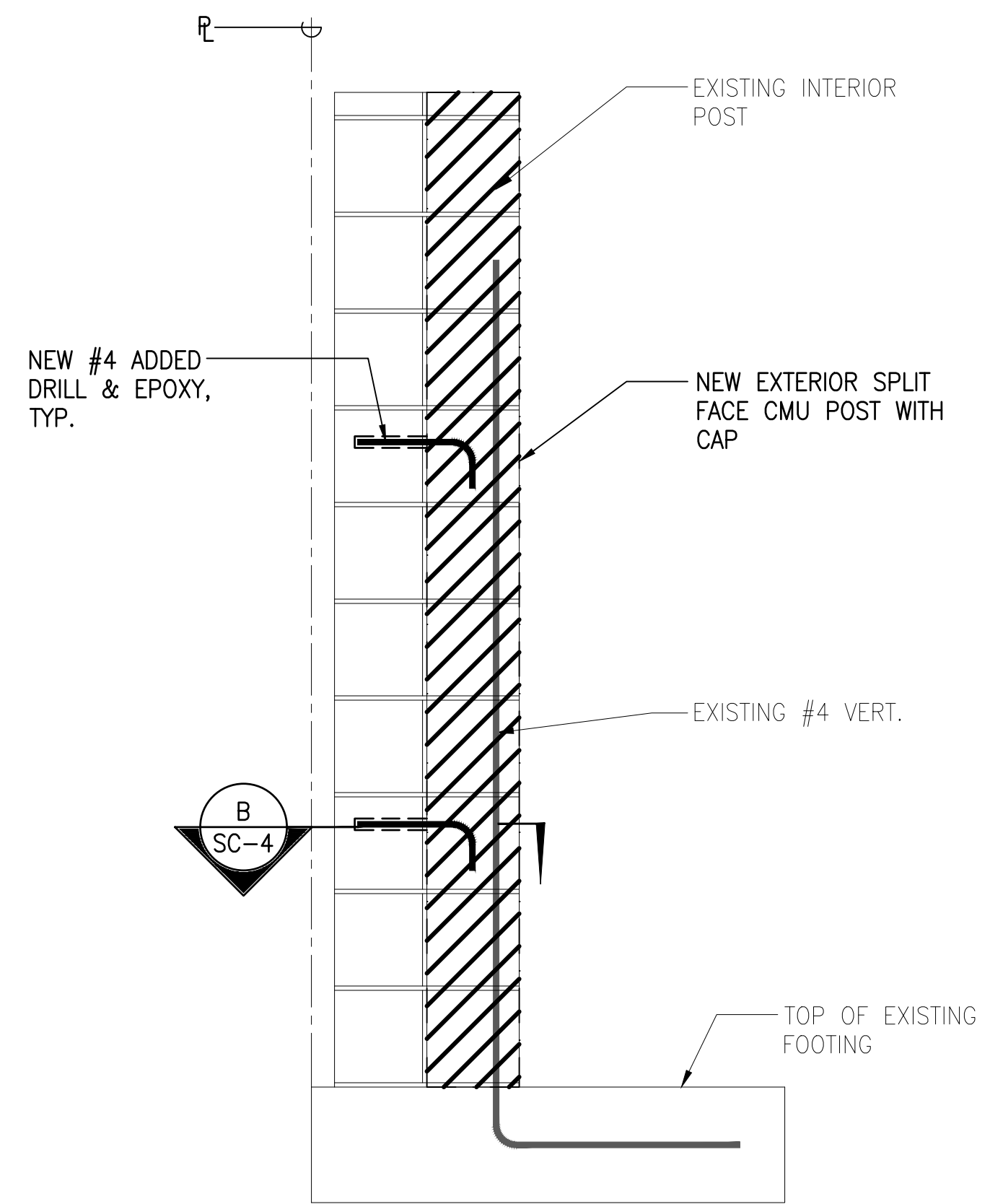
DRAWING NAME: Z:\00 ONGOING\22-025-VILLAGES OF KAPOLEI WALL-NSP\01 CAD\12-XX-22-PREL\KWM - SA-SC DETAILS.DWG PLOT TIME: 12-13-22, 11:20 AM



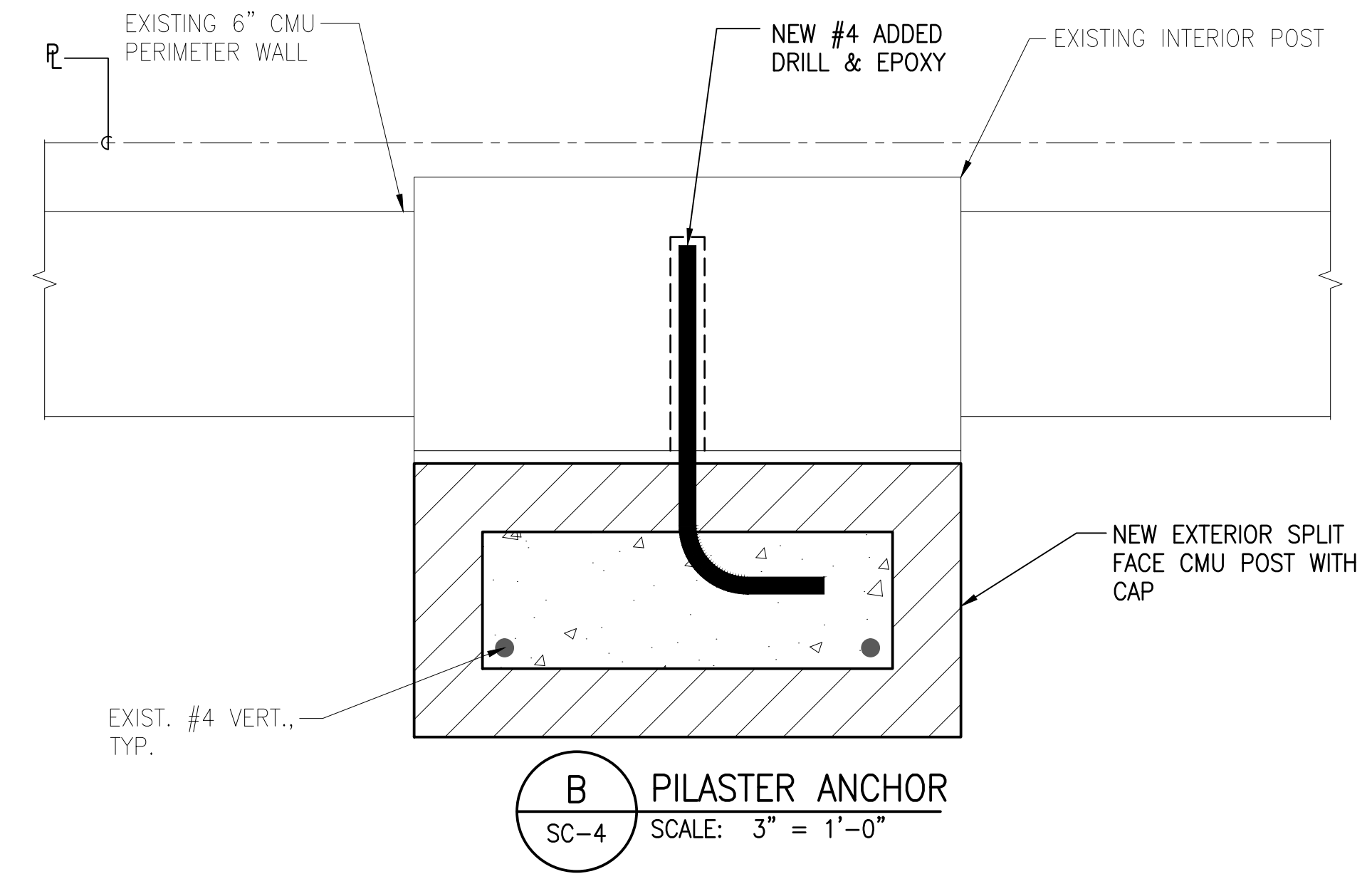
WALL REBAR REPAIR
SCALE: 1" = 1'-0"



A TYPICAL LAP SPLICE WELD SECTION
SCALE: 1" = 1'-0"




A TYPICAL PILASTER REPAIRS
SCALE: 1" = 1'-0"



B PILASTER ANCHOR
SCALE: 3" = 1'-0"

NOTE:
DO NOT DAMAGE VERTICAL #4 REINFORCING IN PILASTER WHEN DRILLING FOR ADDED #4.

OPTION 3:
REMOVE AND REPLACE DEFECTIVE CMU AND GROUT WITH NEW CMU AND CMU VENEER.
(COST: \$245,000)

DESIGN: -	REVISION	DATE	BRIEF	BY	APPROVED
DRAWN: KSF					
CHECKED: -					
DATE: NOVEMBER 2022					
 615 PIKOI STREET, SUITE 300 HONOLULU, HAWAII 96814 ksfinc@ksfinc.us					
VILLAGES OF KAPOLEI DEDICATION HAWAII HOUSING FINANCE & DEVELOPMENT CORPORATION STATE OF HAWAII					
KUMU IKI PERIMETER WALL NO. 10 REPAIRS HONOULIULI, EWA, OAHU, HAWAII					
OPTION 3 - REBAR AND PILASTER DETAILS					
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.					DWG NO.
SIGNATURE _____ 4/30/2024 EXPIRATION DATE OF LICENSE					SC-4