

NOYO HARBOR DISTRICT GRADER PARK FISH CLEANING STATION

19101 SOUTH HARBOR DR
FORT BRAGG, CALIFORNIA



LOCATION MAP
WTS

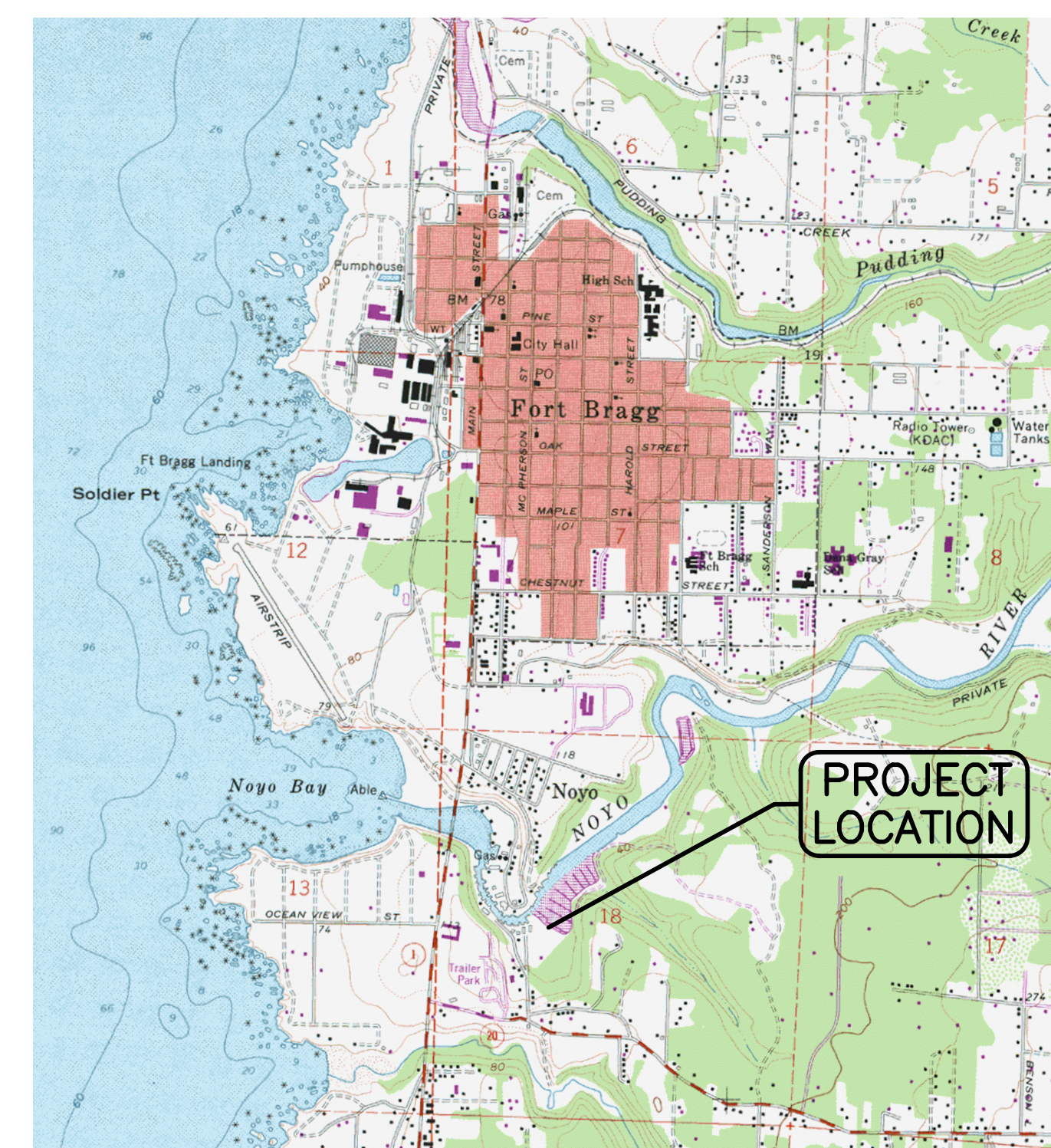
PREPARED BY:



AUGUST 2022

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3	A1.0	ELEVATIONS
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4	C1.2	SITE PLAN- REROOF
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VICINITY MAP
WTS

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 P:\Willits\2021\421058-Noyo-CSP\1.01-Fish-Cleaning\Draws\421058.101-COVER-CDP.dwg

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NOYO HARBOR DISTRICT
 GRADER PARK FISH CLEANING STATION
 19101 SOUTH HARBOR DR., FORT BRAGG, CA

SHEET	G1.0
SEQ	1
DATE	8/2022
PROJ. NO.	421058.101

COVER

ABBREVIATIONS

A	ABN — ABANDON	G	GA — GAS	R	RC — RADIUS
ABS — ACRYLONITRILE-BUTADIENE-STYRENE	AB — ANCHOR BOLT, AGGREGATE BASE	GALV — GALVANIZED	GAGE — GAGE	RCP — REINFORCED CONCRETE PIPE	RD — ROAD
ABD — ABANDON	AC — ASPHALTIC CONCRETE	GIP — GALVANIZED IRON PIPE	GM — GAS METER	RED — REDUCER	RWD — REDWOOD
ACP — ASBESTOS CEMENT PIPE	ACI — AMERICAN CONCRETE INSTITUTE	GPD — GALLONS PER DAY	GPH — GALLONS PER HOUR	REF — REFER OR REFERENCE	REIN — REINFORCED, REINFORCING OR REINFORCE
ADJ — ADJUSTABLE	AGGR — AGGREGATE	GPM — GALLONS PER MINUTE	GRD — GRADE OR GROUND	REO — REQUIRED	RET — RETURN
AISC — AMERICAN INSTITUTE OF STEEL CONSTRUCTION	AL — ALUMINUM	GSP — GALVANIZED STEEL PIPE	GV — GATE VALVE	RH — RIGHT HAND	RM — ROOM
ALT — ALTERNATE	AP — ANGLE POINT	GYP — GYPSUM		RO — ROUGH OPENING	RSP — ROCK SLOPE PROTECTION
APPROX — APPROXIMATELY	ARCH — ARCHITECTURAL			RT — RIGHT OR RING TIGHT	R/W — RIGHT OF WAY
ASTM — AMERICAN SOCIETY FOR TESTING & MATERIALS	AUX — AUXILIARY			RWL — RAIN WATER LEADER	
AT — AT					
B	BC — BEGIN CURVE	H	HB — HOSE BIBB	S	SL — SLOPE
BCR — BEGIN CURB RETURN	BD — BOARD	HDP — HIGH DENSITY POLYETHYLENE	HDR — HEADER	SCHED — SCHEDULE	SCSD — SCOTIA COMMUNITY SERVICES DISTRICT
BF — BLIND FLANGE	BFV — BUTTERFLY VALVE	HDR — HARDWARE	HMA — HOT MIX ASPHALT	SD — STORM DRAIN	SDMH — STORM DRAIN MANHOLE
BK — BOOK OR BACK	BLDG — BUILDING	HOR — HORSEPOWER, HIGH POINT	HP — HOUR	SECT — SECTION	SF — SQUARE FOOT/FEET
BLDG — BUILDING	BMP — BENCH MARK, BEAM	HT — HEIGHT	HT — HOT WATER	SHT — SHEET	SIM — SIMILAR
BMP — BEST MANAGEMENT PRACTICE	BO — BLOW OFF	HW — HOT WATER RETURN	HWR — HOT WATER RETURN	SP — SPACE OR SPACES	SPEC — SPECIFICATIONS
BOT — BOTTOM	BRG — BEARING	HWS — HOT WATER SUPPLY		SQ — SQUARE	SQ FT — SQUARE FOOT
BTWN — BETWEEN	BV — BALL VALVE			SQ IN — SQUARE INCH	SS — SANITARY SEWER
BVC — BEGINNING OF VERTICAL CURVE	BW — BACK OF WALK			SSCO — SANITARY SEWER CLEAN OUT	SSMH — SANITARY SEWER MANHOLE
BW — BACK OF WALK	BWV — BACKWATER VALVE			SST — STAINLESS STEEL	STA — STATION
				STD — STANDARD	STL — STEEL
C	CA — CHANNEL (STRUCTURAL SHAPE)	I	ID — INSIDE DIAMETER	STR — STRUCTURAL	STRUCT — STRUCTURE
CARV — COMBINATION AIR AND VACUUM RELEASE VALVE	CATV — CABLE TELEVISION	IN — INCH	INFL — INFLUENT	STRUC — STRUCTURE	SUSP — SUSPENDED
CB — CATCH BASIN	CEIL — CEILING	INFL — INFLUENT OR INSULATION	INT — INTERIOR	SW — SIDEWALK	SWPPP — STORM WATER POLLUTION PREVENTION PLAN
CEIL — CEILING	CFM — CUBIC FEET PER MINUTE	INT — INTERIOR	INT — INTERIOR	SYMM — SYMMETRICAL	
CFM — CUBIC FEET PER MINUTE	CFS — CUBIC FEET PER SECOND	IPS — IRON PIPE SIZE			
CHEM — CHEMICAL	CI — CAST IRON				
CIP — CAST IRON PIPE	C.I.P. — CAST IN PLACE	J	JT — JOINT		
CJ — CONSTRUCTION JOINT	CLR — CLEAR	JP — JOINT POLE			
C/CL — CENTERLINE	CMP — CORRUGATED METAL PIPE				
CMU — CONCRETE MASONRY UNIT	CTSK — COUNTERSINK	K	KIP — THOUSAND POUNDS		
CO — CLEANOUT	COL — COLUMN	KW — KILOWATT			
COL — COLUMN	CONC — CONCRETE				
CONC — CONCRETE	CONT — CONTINUOUS OR CONTINUED	L	L — ANGLE (DEGREES)		
COORD — COORDINATE	CPLG — COUPLING	L — ANGLE (STRUCTURAL SHAPE)	LAT — LATERAL		
CRS — COLD ROLLED STEEL	CTR — CENTER	LB — POUND	LB — POUND		
CTS — COPPER TUBE SIZE	CU — CUBIC FEET	LG — LONG	LG — LONG		
CU FT — CUBIC FEET	CV — CHECK VALVE	LH — LEFT HAND	LH — LEFT HAND		
CW — COLD WATER	CY — CUBIC YARD	LONG — LONGITUDINAL	LONG — LONGITUDINAL		
		LP — LOW POINT	LP — LOW POINT		
D	d — DEGREE (ANGLE)	LPG — LIQUIFIED PETROLEUM GAS	LPG — LIQUIFIED PETROLEUM GAS		
d — DEGREE (ANGLE)	D — PENNY (NAIL SIZE)	LRI — LEGALLY RESPONSIBLE PARTY	LRI — LEGALLY RESPONSIBLE PARTY		
D — PENNY (NAIL SIZE)	DB — DISTRIBUTION BOX	LR — LONG RADIUS	LR — LONG RADIUS		
DB — DISTRIBUTION BOX	DBL — DOUBLE	LT — LEFT	LT — LEFT		
DF — DOUGLAS FIR	DI — DROP INLET OR DUCTILE IRON	LVC — LENGTH OF VERTICAL CURVE	LVC — LENGTH OF VERTICAL CURVE		
DI — DROP INLET OR DUCTILE IRON	DIA — DIAMETER				
DIAG — DIAGONAL	DIM — DIMENSION	M	MATL — MATERIAL		
DIM — DIMENSION	DIMJ — DUCTILE IRON MECHANICAL JOINT	MAX — MAXIMUM	MAX — MAXIMUM		
DIP — DUCTILE IRON PIPE	DET — DETAIL	MECH — MECHANICAL	MECH — MECHANICAL		
DWG — DRAWING	DW — DRIVEWAY	MF — MEGA-FLANGE PIPE JOINT	MF — MEGA-FLANGE PIPE JOINT		
		MFR — MANUFACTURER	MFR — MANUFACTURER		
E	(E) — EXISTING	MGD — MILLION GALLONS PER DAY	MGD — MILLION GALLONS PER DAY		
(E) — EXISTING	E — EASTING OR EAST	MH — MANHOLE	MH — MANHOLE		
E — EASTING OR EAST	EA — EACH	MIN — MINIMUM OR MINUTE	MIN — MINIMUM OR MINUTE		
EA — EACH	EC — END CURVE	MISC — MISCELLANEOUS	MISC — MISCELLANEOUS		
ECR — END CURB RETURN	EF — EACH FACE	MJ — MECHANICAL JOINT	MJ — MECHANICAL JOINT		
EF — EACH FACE	EFL — EFFLUENT	MNPT — MALE NATIONAL PIPE THREAD	MNPT — MALE NATIONAL PIPE THREAD		
EFL — EFFLUENT	EG — EXISTING GRADE/GROUND	MTL — METAL	MTL — METAL		
EG — EXISTING GRADE/GROUND	ELBOW — ELBOW	MWS — MAXIMUM WATER SURFACE	MWS — MAXIMUM WATER SURFACE		
ELBOW — ELBOW	ELEC — ELECTRIC OR ELECTRICAL				
ELEC — ELECTRIC OR ELECTRICAL	ELEV — ELEVATION	N	(N) — NEW		
ELEV — ELEVATION	ENGR — ENGINEER	N — NORTHING OR NORTH	N — NORTHING OR NORTH		
ENGR — ENGINEER	EP — EDGE OF PAVING	NC — NORMALLY CLOSED	NC — NORMALLY CLOSED		
EP — EDGE OF PAVING	EQ — EQUIP	NIC — NOT IN CONTRACT	NIC — NOT IN CONTRACT		
EQ — EQUIP	ER — EDGE OF ROAD	NF — NON-FREEZE	NF — NON-FREEZE		
ER — EDGE OF ROAD	EVC — END OF VERTICAL CURVE	NO — NUMBER OR NORMALLY OPEN	NO — NUMBER OR NORMALLY OPEN		
EVC — END OF VERTICAL CURVE	EW — EACH WAY	NOM — NOMINAL	NOM — NOMINAL		
EW — EACH WAY	EWEF — EACH WAY, EACH FACE	NP — NEW PAVEMENT	NP — NEW PAVEMENT		
EWEF — EACH WAY, EACH FACE	EXC — EXCAVATE	NPT — NATIONAL PIPE THREAD	NPT — NATIONAL PIPE THREAD		
EXC — EXCAVATE	EXP — EXPOSED OR EXPANSION	NTS — NOT TO SCALE	NTS — NOT TO SCALE		
EXP — EXPOSED OR EXPANSION	EXP JT — EXPANSION JOINT	# — NUMBER	# — NUMBER		
EXP JT — EXPANSION JOINT	EXT — EXISTING				
EXT — EXISTING	EXT — EXTERIOR	O	OC — ON CENTER		
EXT — EXTERIOR		OD — OUTSIDE DIAMETER	OD — OUTSIDE DIAMETER		
F	F — FLANGE	OG — ORIGINAL GROUND	OG — ORIGINAL GROUND		
F — FLANGE	FC — FLEXIBLE COUPLING	OVFL — OVERFLOW	OVFL — OVERFLOW		
FC — FLEXIBLE COUPLING	FCA — FLANGED COUPLING ADAPTER	OZ — OUNCE	OZ — OUNCE		
FCA — FLANGED COUPLING ADAPTER	FD — FLOOR DRAIN	OH — OVERHEAD	OH — OVERHEAD		
FD — FLOOR DRAIN	FDC — FIRE DEPARTMENT CONNECTION				
FDC — FIRE DEPARTMENT CONNECTION	FDN — FOUNDATION	P	PC — POINT OF CURVE		
FDN — FOUNDATION	FF — FINISH FLOOR	PCC — PORTLAND CEMENT CONCRETE	PCC — PORTLAND CEMENT CONCRETE		
FF — FINISH FLOOR	FG — FINISHED GRADE	PCF — POUNDS PER CUBIC FOOT	PCF — POUNDS PER CUBIC FOOT		
FG — FINISHED GRADE	FH — FIRE HYDRANT	PE — PERFORATED	PE — PERFORATED		
FH — FIRE HYDRANT	FIG — FIGURE	PEP — POLYETHYLENE PIPE	PEP — POLYETHYLENE PIPE		
FIG — FIGURE	FIN — FINISH	PI — POINT OF INTERSECTION	PI — POINT OF INTERSECTION		
FIN — FINISH	FIP — FEMALE IRON PIPE	PL — PLATE	PL — PLATE		
FIP — FEMALE IRON PIPE	FL — FLOW LINE	PL — PROPERTY LINE	PL — PROPERTY LINE		
FL — FLOW LINE	FLG — FLANGE	PLCS — PLACES	PLCS — PLACES		
FLG — FLANGE	FLR — FLOOR	PLYWD — PLYWOOD	PLYWD — PLYWOOD		
FLR — FLOOR	FLTR — FILTER	PMP — PERFORATED METAL PIPE	PMP — PERFORATED METAL PIPE		
FLTR — FILTER	FO — FIBER OPTIC	POC — POINT OF CURVE	POC — POINT OF CURVE		
FO — FIBER OPTIC	FOC — FACE OF CONCRETE	POT — POINT OF TANGENT	POT — POINT OF TANGENT		
FOC — FACE OF CONCRETE	FT — FOOT OR FEET	PP — POWER POLE	PP — POWER POLE		
FT — FOOT OR FEET	FT3 — SQUARE FEET	PRC — POINT OF REVERSE CURVE	PRC — POINT OF REVERSE CURVE		
FT3 — SQUARE FEET	FTG — FOOTING	PREFAB — PREFABRICATED	PREFAB — PREFABRICATED		
FTG — FOOTING	FUT — FUTURE	PRELIM — PRELIMINARY	PRELIM — PRELIMINARY		
FUT — FUTURE		PRESS — PRESSURE	PRESS — PRESSURE		
		PROP — PROPERTY	PROP — PROPERTY		
		PRV — PRIVATE	PRV — PRIVATE		
		PSF — POUNDS PER SQUARE FOOT	PSF — POUNDS PER SQUARE FOOT		
		PSIG — POUNDS PER SQUARE INCH	PSIG — POUNDS PER SQUARE INCH		
		PSG — POUNDS PER SQUARE INCH, GAUGE	PSG — POUNDS PER SQUARE INCH, GAUGE		
		PT — POINT OF TANGENCY, POINT	PT — POINT OF TANGENCY, POINT		
		PUE — PUBLIC UTILITY EASEMENT	PUE — PUBLIC UTILITY EASEMENT		
		PV — PLUG VALVE	PV — PLUG VALVE		
		PVC — POLYVINYL CHLORIDE PLASTIC	PVC — POLYVINYL CHLORIDE PLASTIC		
		PVT — POINT OF VERTICAL INTERSECTION	PVT — POINT OF VERTICAL INTERSECTION		
		PVMT — PAVEMENT	PVMT — PAVEMENT		
		Q	QTY — QUANTITY		

CURVE DATA

R (RADIUS)
 L (LENGTH)
 Δ (DELTA)
 T (TANGENT)

UTILITIES LEGEND

PROPOSED	EXISTING	DESCRIPTION
		GATE VALVE
		PLUG VALVE
		BALL VALVE
		BUTTERFLY VALVE
		AUTOMATICALLY OPERATED VALVE (P= PNEUMATIC, E= ELECTRIC, S= SOLENOID, H= HYDRAULIC, D= DIAPHRAGM ACTUATOR)
		3-WAY VALVE
		GLOBE VALVE
		ANGLE VALVE
		PRESSURE REGULATING VALVE
		PRESSURE RELIEF VALVE
		CHECK VALVE
		AIR OR VACUUM RELEASE VALVE
		AIR AND VACUUM VALVE
		COMBINATION AIR VALVE
		FLOW METER
		HOSE BIBB (NF= NON-FREEZE)
		REDUCER
		FIRE HYDRANT
		DROP INLET
		MANHOLE
		SEWER CLEAN OUT OR SEWER LATERAL
		UNDERGROUND ELECTRICAL
		OVERHEAD ELECTRICAL
		FIBER OPTIC LINE
		CABLE TELEVISION
		JOINT UTILITIES
		UNDERGROUND TELEMETRY LINE
		OVERHEAD TELEMETRY LINE
		UNDERGROUND TELEPHONE LINE
		OVERHEAD TELEPHONE LINE
		FIRE WATER LINE
		STEAM LINE
		WATER LINE
		SANITARY SEWER LINE
		STORM DRAIN LINE
		GAS LINE
		FORCE MAIN AND DIRECTION OF FLOW
		CULVERT
		GRID LINES
		ITEM TO BE REMOVED
		ITEM TO BE ABANDONED IN PLACE
		WATER SERVICE— WM-1= SINGLE WM-2= DUAL
		PULL BOX AND DESIGNATION
		SIGN AND DESIGNATION

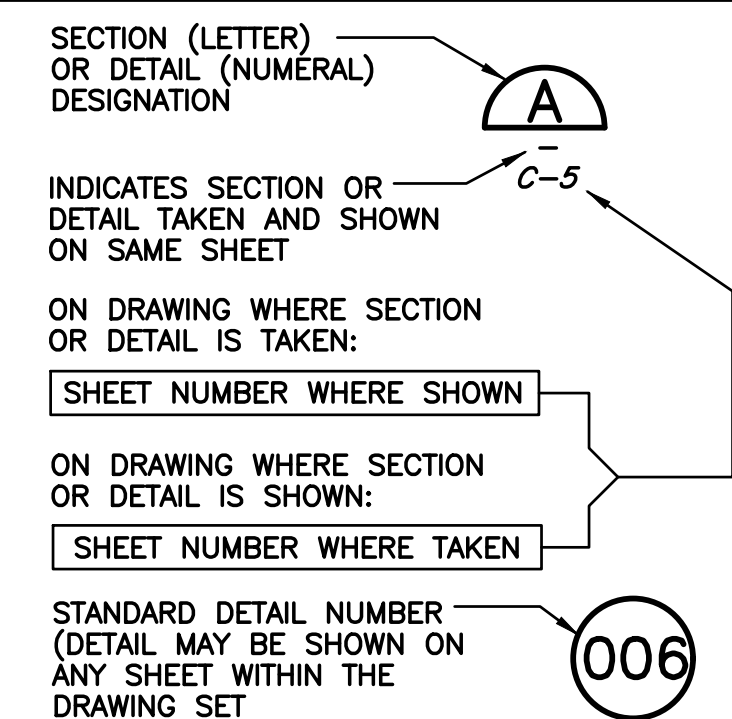
NOTES

- CONTACT THE ENGINEER FOR SYMBOLS NOT LISTED.
- THIS IS A STANDARD SHEET, THEREFORE, SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS SHEET WHICH DO NOT APPEAR ON THE PLANS.
- SITE AND UTILITY SYMBOLS SHOWN ON THIS SHEET ARE NOT INTENDED TO REPRESENT THE PHYSICAL SCALE OR SHAPE OF ANY ITEMS. WHERE LARGE-SCALE PLANS ARE PRESENTED, THE SYMBOLS SHOWN HEREON MAY BE REPLACED BY DETAILS MORE SUITED TO THE DRAWING SCALE.

TOPOGRAPHIC LEGEND

PROPOSED	EXISTING	DESCRIPTION
		P.I. (POINT OF INTERSECTION)
		TEMPORARY BENCH MARK
		FINISH GRADE ELEVATION
		ELEVATION OF ORIGINAL GROUND
		RADIAL POINT
		FLOW LINE AND DIRECTION
		TOP OF CUT
		TOP OF FILL
		TOE OF CUT OR FILL
		CONTOUR LINE
		CONCRETE (IN PLAN)
		CONCRETE (IN SECTION)
		PAVEMENT
		ROCKS
		STUMPS
		TREES
		ROADS
		UTILITY POLE (PP=POWER POLE, TP= TEL POLE, JP=JOINT POLE)
		GUY WIRE
		FENCE
		BOUNDARY LIMITS, W/DESIGNATION
		CENTERLINE
		MARSH
		WETLAND
		SPRING
		TEST PIT AND DESIGNATION
		EXPLORATION BORE HOLE
		PROPERTY CORNER
		SURVEY MONUMENT
		CONTROL POINT
		DRIVEWAY
		GRID LINE LABELS

DETAIL AND SECTION DESIGNATION



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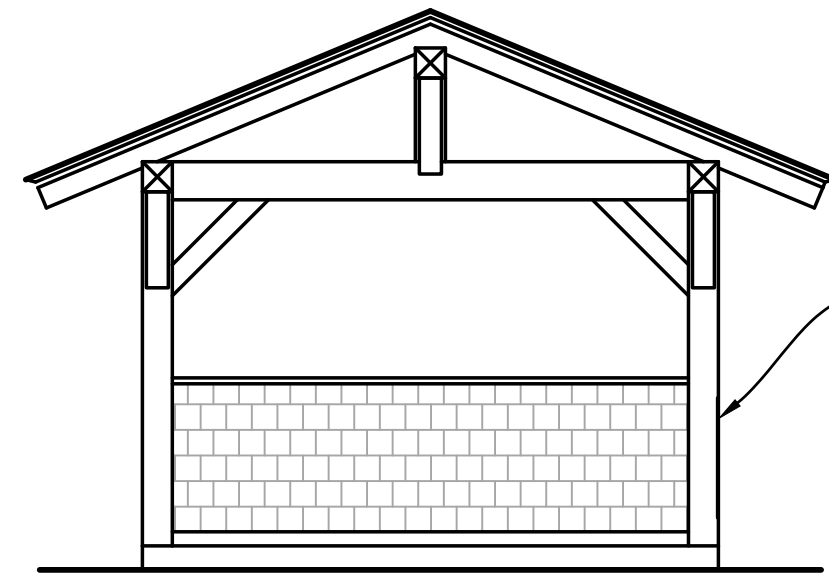
NO.

DSGN JI
 DR JM
 CHK JI
 APVD

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 19101 SOUTH HARBOR DR., FORT BRAGG, CA
STANDARD ABBREVIATIONS AND LEGENDS

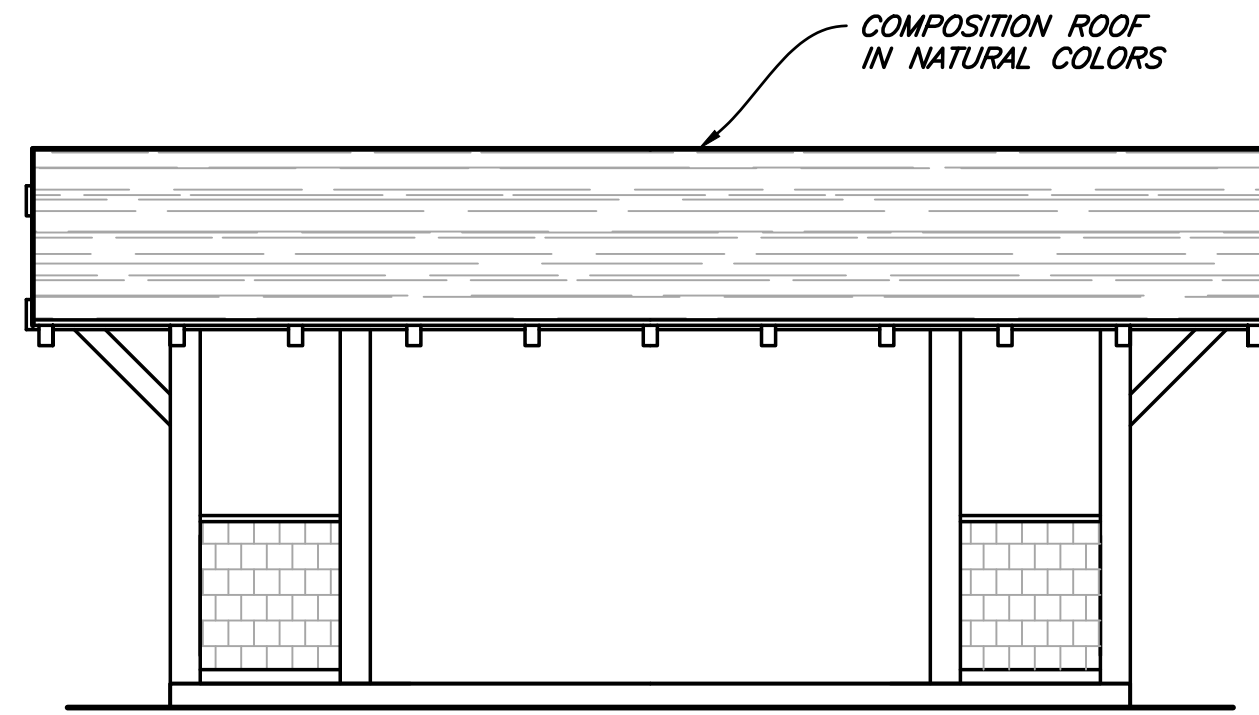
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G2.0
 SEQ 2
 DATE 8/2022
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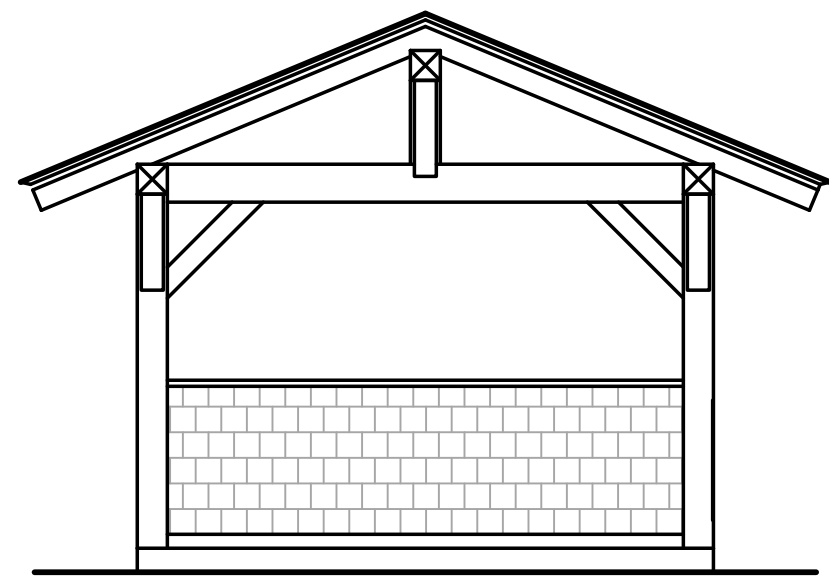
WOOD STRUCTURE
 PAINTED NATURAL
 COLORS

FRONT
 1/4"=1'-0"

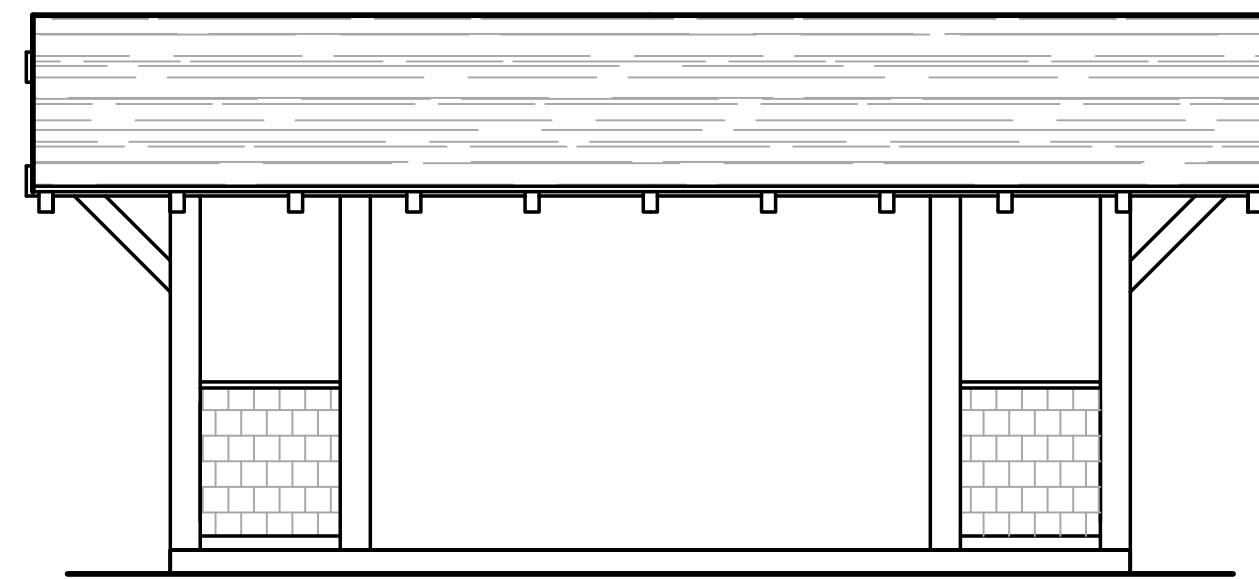


COMPOSITION ROOF
 IN NATURAL COLORS

RIGHT
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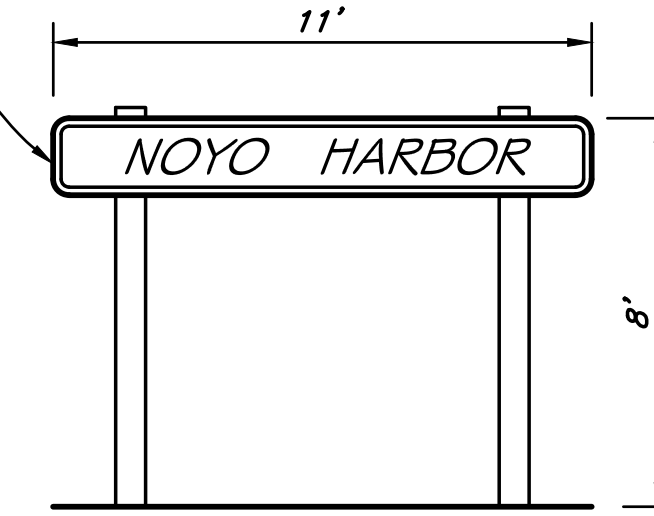


BACK
 1/4"=1'-0"



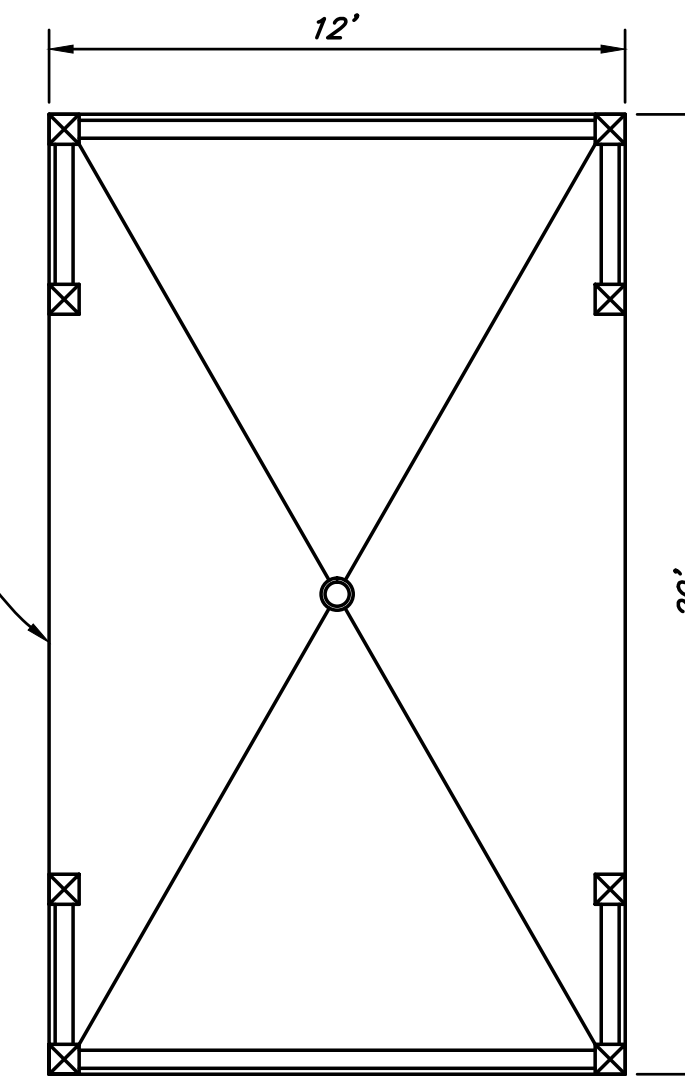
LEFT
 1/4"=1'-0"

22 SF ± PAINTED WOOD
 PHOTO OPPORTUNITY
 SIGN



SIGN
 1/4"=1'-0"

CONCRETE FLOOR
 SLOPED TO DRAIN



FLOOR PLAN
 1/4"=1'-0"

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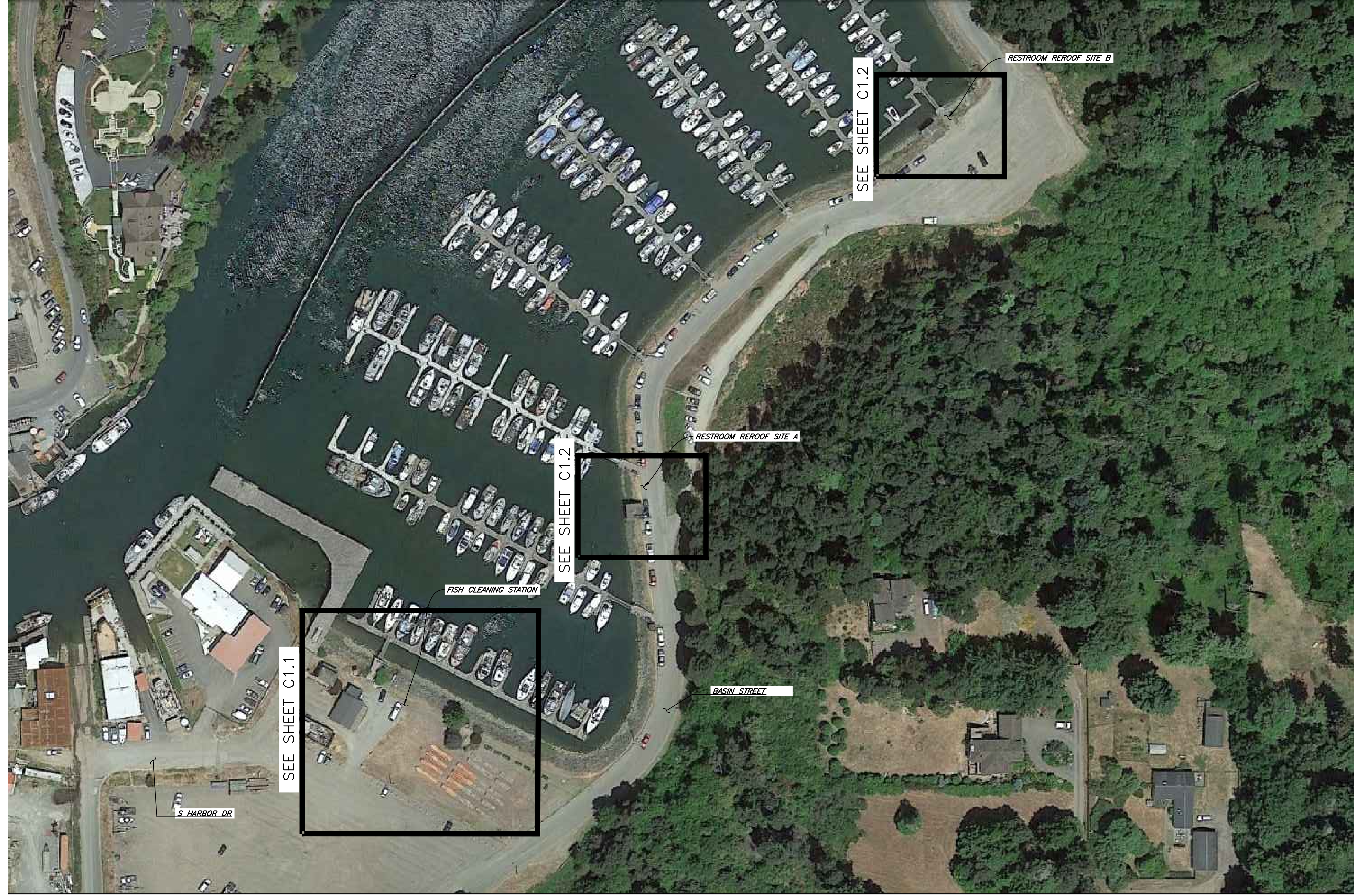
DSN	JJ
DR	JJ
CHK	JJ
APVD	

NOYO HARBOR DISTRICT
 GRADER PARK FISH CLEANING STATION
 19101 SOUTH HARBOR DR., FORT BRAGG, CA

SHEET	A1.0
SEQ	3
DATE	8/2022
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ELEVATIONS

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PLAN
NTS



PRELIMINARY

SHEET	C1.0
SEQ	4
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PROJ. NO.	421058.101

NOYO HARBOR DISTRICT
 GRADER PARK FISH CLEANING STATION
 19101 SOUTH HARBOR DR., FORT BRAGG, CA
EXISTING SITE

DSSN	DSGN
DR	JM
CHK	JJ
APVD	

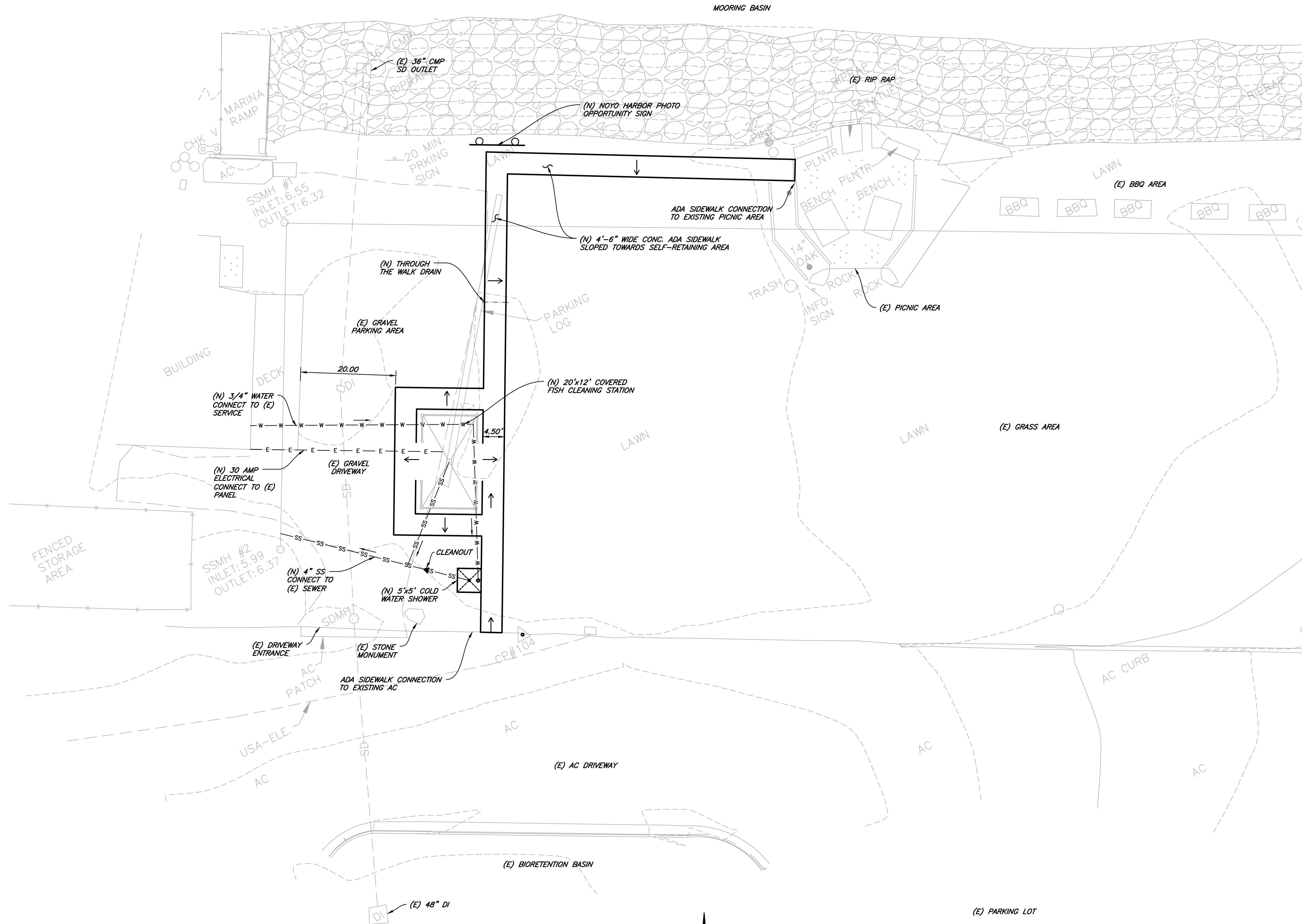
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PLAN
 1"=10'



VERIFY SCALES
 1" = 10'
 1" = 10'
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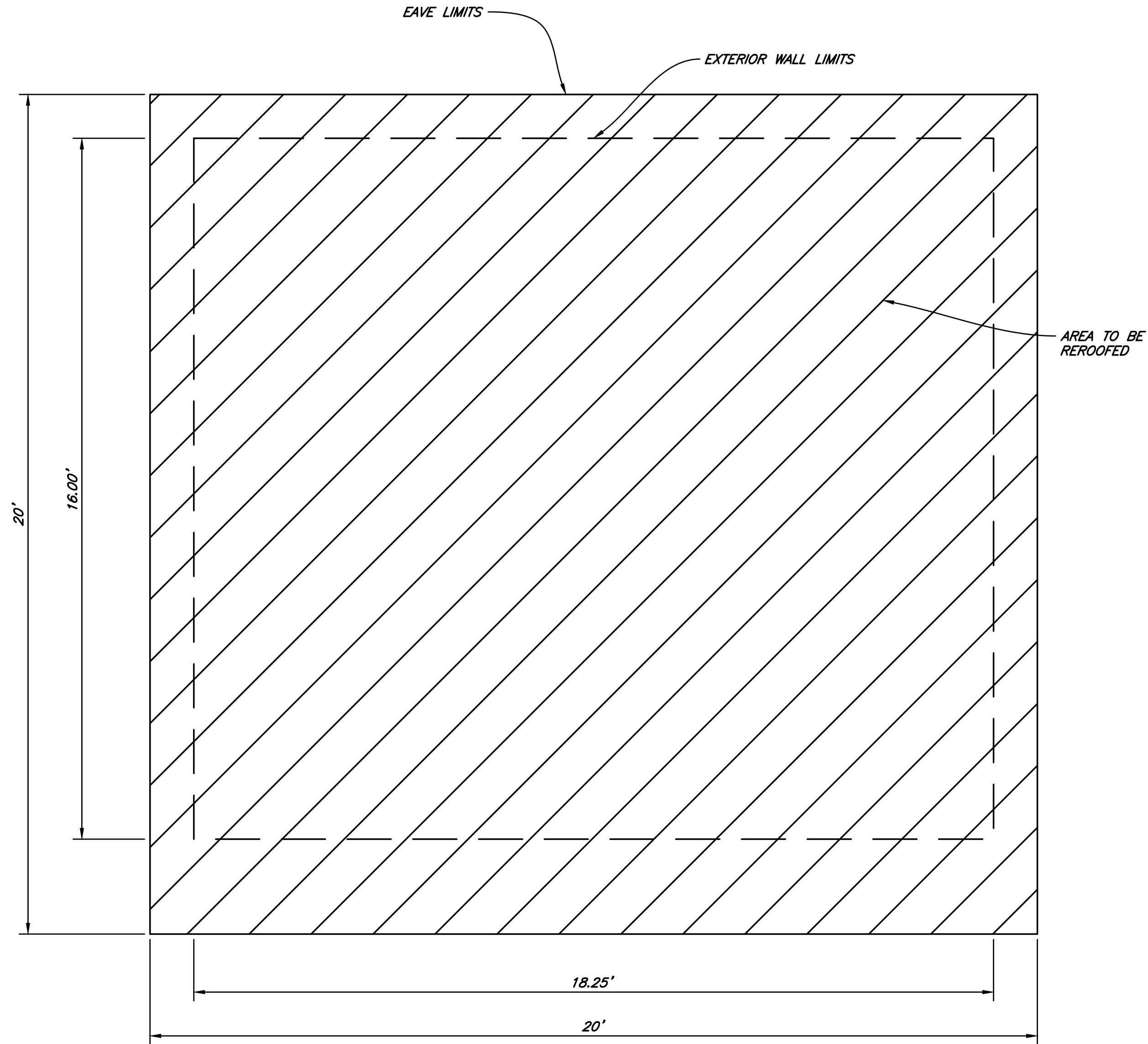
DSGN	JJ
DR	JM
CHK	JJ
APVD	

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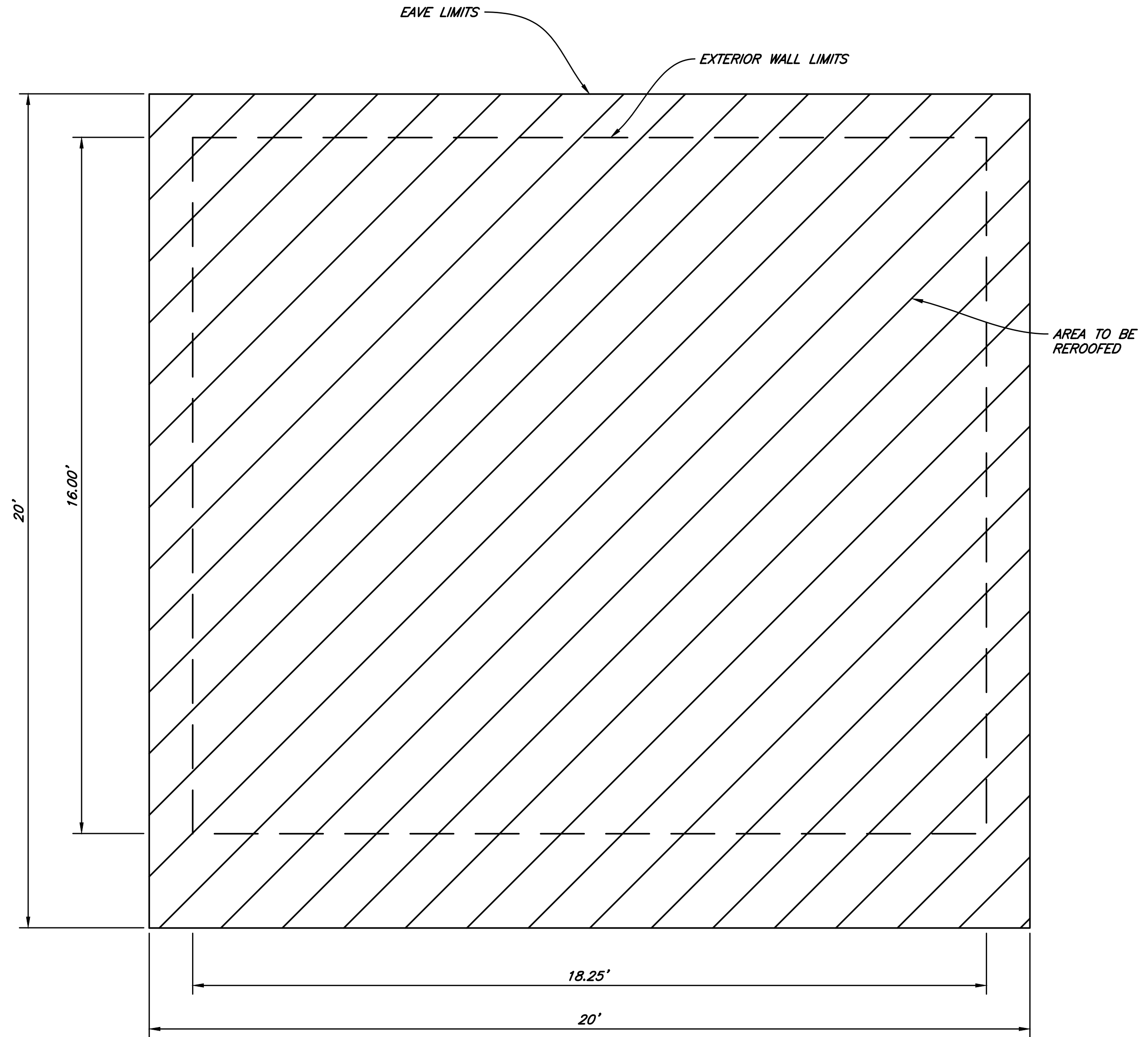
SHEET	C1.0
SEQ	
DATE	12/2023
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SITE PLAN

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PLAN SITE A
 NTS



PLAN SITE B
 NTS

PRELIMINARY

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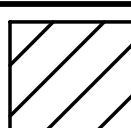
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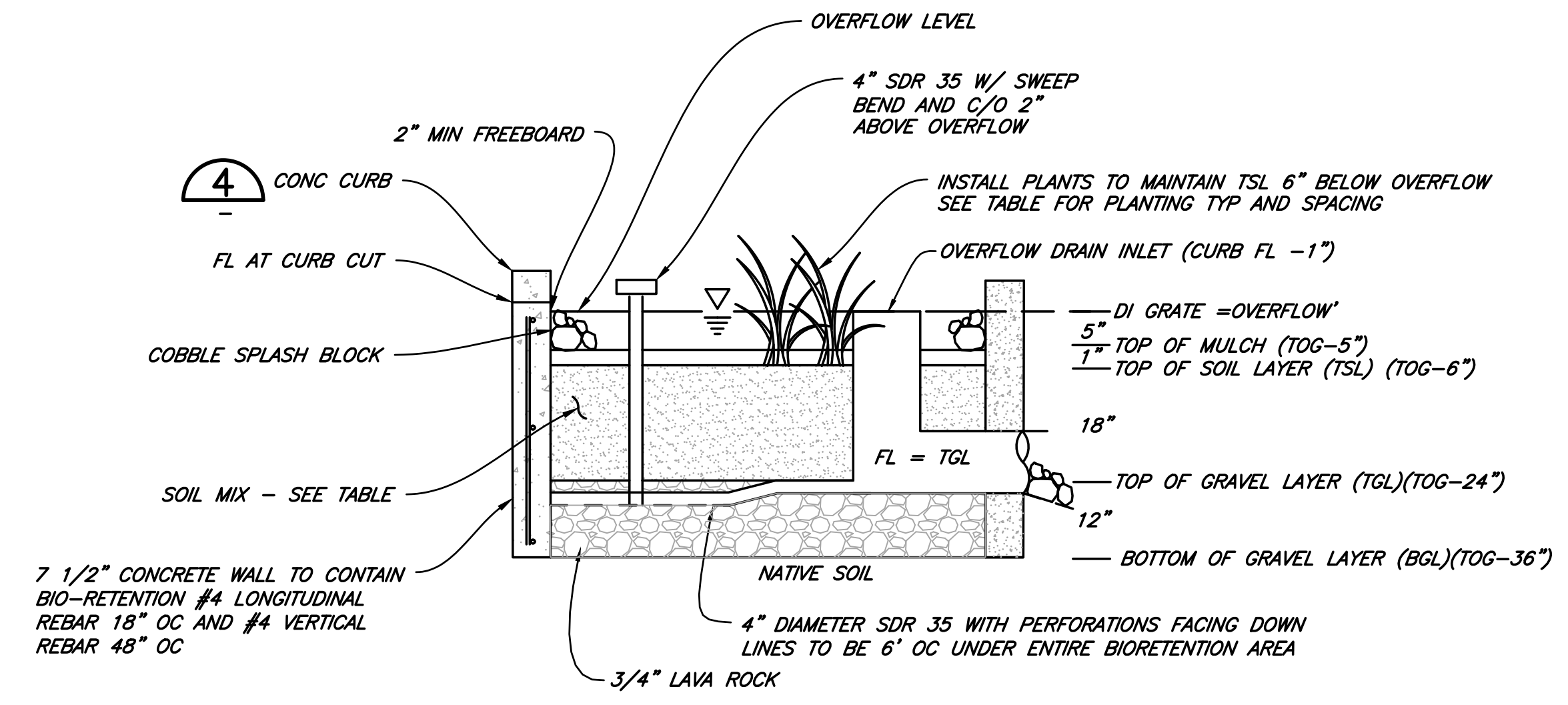


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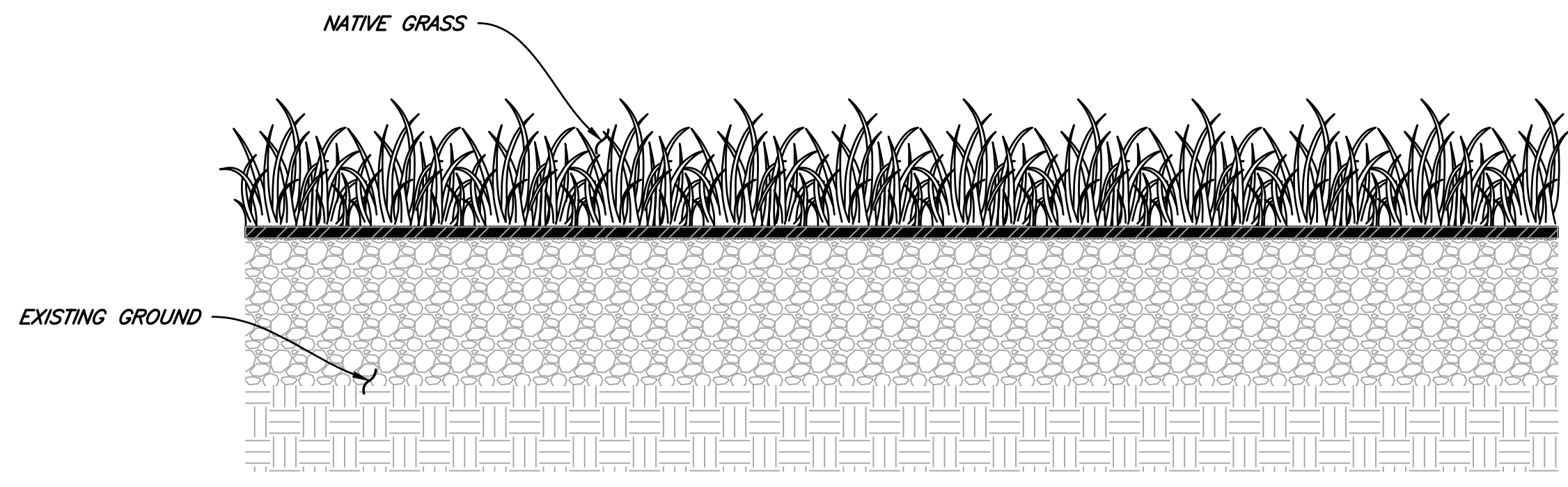
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SITE PLAN - RESTROOM REROOF

SHEET	C1.2
SEQ	6
DATE	8/2022
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BIO-RETENTION PLANTING INFORMATION				
AREA	PLANT DESCRIPTION	SPACING	SOIL	IRRIGATION
	JUNCUS PATENS "ELK BLUE" WIRE GRASS, BLUE RUSH	EVENLY SPACED EVERY 3'	SOIL MIX PER TABLE	WATER BY HAND TWICE WEEKLY DURING DRY MONTHS FOR FIRST YEAR UNTIL ESTABLISHED



BIO-RETENTION SOIL SPECIFICATIONS		
PARAMETER	RANGE	REPORTED AS (UNITS)
ORGANIC MATTER CONTENT	35-75	%, DRY WEIGHT BASIS
CARBON TO NITROGEN RATIO	15:1 TO 25:1	RATIO
MATURITY (SEED EMERGENCE AND SEEDING VIGOR)	>80	AVERAGE % OF CONTROL
STABILITY (CO ₂ EVOLUTION RATE)	<8	mg CO ₂ -C/g UNIT OM/DAY
SOLUBLE SALTS (SALINITY)	<6.0	mmhos/cm
PH	6.5-8.0 MAY VARY W/ PLANT SPECIES	UNITS
HEAVY METALS CONTENT	PASS	PASS/FAIL US EPA CLASS A STD 40 CFR § 503.13 TABLES 1 & 3
PATHOGENS		
FECAL COLIFORM	PASS	PASS/FAIL US EPA CLASS A STD 40 CFR § 503.32(A) LEVELS
SALMONELLA	PASS	PASS/FAIL US EPA CLASS A STD 40 CFR § 503.32(A) LEVELS
NUTRIENT CONTENT (PROVIDE ANALYSIS INCLUDING):		
TOTAL NITROGEN (N)	≥0.9	%
TOTAL BORON (B)	<80	PPM
CALCIUM (Ca)	FOR INFO ONLY	%
SODIUM (Na)	FOR INFO ONLY	%
MAGNESIUM (Mg)	FOR INFO ONLY	%
SULFUR (S)	FOR INFO ONLY	%



DETAIL 1
N/S
(BIO-RETENTION FACILITY)

DETAIL 2
N/S
(SELF-RETAINING AREA)

PRELIMINARY

SAVED: 8/7/2023 9:59 AM JINULTY, PLOTTED: 8/8/2023 9:26 AM JUSTIS NAULTY
 P:\Willits\2021\421058-Noyo-CSP\101-Fish-Cleaning\Drawings\421058.101-DETAIL-COP.dwg

VERIFY SCALES
 BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY

535 S. MAIN ST.
 WILLITS, CA. 95490
 WWW.SHN-ENR.COM
 707-439-4518



NO.	DATE	REVISION	BY

DSN	JJ
DR	JM
CHK	JJ
APVD	

NOYO HARBOR DISTRICT
 GRADER PARK FISH CLEANING STATION
 19101 SOUTH HARBOR DR., FORT BRAGG, CA

SHEET	C2.0
SEQ	7
DATE	5/2022
PROJ. NO.	421058.101

DETAILS