





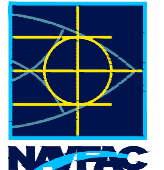

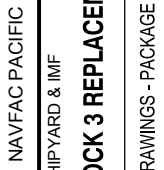


INDEX	SHEET REF AND TITLE
A1000_GENERAL_MN	
1	G-001 TITLE SHEET
2	G-002 LOCATION AND VICINITY MAPS
3	G-003 INDEX TO DRAWING SUBSETS
4	G-004 INDEX OF DRAWINGS - PACKAGE A (1 OF 3)
5	G-005 INDEX OF DRAWINGS - PACKAGE A (2 OF 3)
6	G-006 INDEX OF DRAWINGS - PACKAGE A (3 OF 3)
7	G-007 INDEX OF DRAWINGS - PACKAGE B (1 OF 3)
8	G-008 INDEX OF DRAWINGS - PACKAGE B (2 OF 3)
9	G-009 INDEX OF DRAWINGS - PACKAGE B (3 OF 3)
10	G-020 LEGEND AND KEY TO DRAWINGS
11	G-021 LEGEND AND ABBREVIATIONS
12	G-025 GENERAL NOTES
13	G-101 GENERAL ARRANGEMENT PLAN
14	G-105 PROJECT SCOPING PLAN
15	G-120 SITE ACCESS MAP AND HAUL ROUTE
16	G-121 - TEMPORARY CONTRACTOR PIER LOCATION AT WAIPIO
A1500_GENERAL - LIFE SAFETY_BMGD	
17	GI001 - LIFE SAFETY CODE ANALYSIS -DRY DOCK
18	GI002 - LIFE SAFETY CODE ANALYSIS -DEWATERING PUMPHOUSE
19	GI101 - LIFE SAFETY PLANS -DRY DOCK FLOOR
20	GI111 - LIFE SAFETY PLANS -GALLERY/TUNNEL
21	GI121 - LIFE SAFETY PLANS -COPIING LEVEL
22	GI131 - LIFE SAFETY PLAN -DEWATERING PUMPHOUSE
23	GI301 - LIFE SAFETY PLANS -DRY DOCK STAIRCASE TRAVEL DISTANCE
A5000_EXISTING CONDITIONS_WOC	
24	V101 - OVERALL LANDSIDE EXISTING CONDITIONS PLAN
25	V101-A1 - LANDSIDE EXISTING CONDITION PLAN - AREA A1
26	V101-A2 - LANDSIDE EXISTING CONDITION PLAN - AREA A2
27	V101-A3 - LANDSIDE EXISTING CONDITION PLAN - AREA A3
28	V101-A4 - LANDSIDE EXISTING CONDITION PLAN - AREA A4
29	V101-A5 - LANDSIDE EXISTING CONDITION PLAN - AREA A5
30	V101-A6 - LANDSIDE EXISTING CONDITION PLAN - AREA A6
31	V101-A7 - LANDSIDE EXISTING CONDITION PLAN - AREA A7
32	V101-A8 - LANDSIDE EXISTING CONDITION PLAN - AREA A8
33	V101-A9 - LANDSIDE EXISTING CONDITION PLAN - AREA A9
34	V101-A10 - LANDSIDE EXISTING CONDITION PLAN - AREA A10
35	V101-B1 - LANDSIDE EXISTING CONDITION PLAN - AREA B1
36	V101-B2 - LANDSIDE EXISTING CONDITION PLAN - AREA B2
37	V101-B3 - LANDSIDE EXISTING CONDITION PLAN - AREA B3
38	V101-B4 - LANDSIDE EXISTING CONDITION PLAN - AREA B4
39	V101-B5 - LANDSIDE EXISTING CONDITION PLAN - AREA B5
40	V101-B6 - LANDSIDE EXISTING CONDITION PLAN - AREA B6
41	V101-B7 - LANDSIDE EXISTING CONDITION PLAN - AREA B7
42	V101-B8 - LANDSIDE EXISTING CONDITION PLAN - AREA B8
43	V101-B9 - LANDSIDE EXISTING CONDITION PLAN - AREA B9
44	V101-C1 - LANDSIDE EXISTING CONDITION PLAN - AREA C1
45	V101-C2 - LANDSIDE EXISTING CONDITION PLAN - AREA C2
46	V101-C3 - LANDSIDE EXISTING CONDITION PLAN - AREA C3
47	V101-D1 - LANDSIDE EXISTING CONDITION PLAN - AREA D1
48	V101-D2 - LANDSIDE EXISTING CONDITION PLAN - AREA D2
49	V101-D3 - LANDSIDE EXISTING CONDITION PLAN - AREA D3
A6000_GEOTECHNICAL_GI	
50	B-001 - BORING LOG LEGEND
51	B-002 - BORING LOG LEGEND AND NOTES
52	B-101 - SOIL BORING LOCATION PLAN
53	B-701 - SOIL BORING LOGS - 1
54	B-702 - SOIL BORING LOGS - 2
55	B-703 - SOIL BORING LOGS - 3
56	B-704 - SOIL BORING LOGS - 4
57	B-705 - SOIL BORING LOGS - 5
58	B-706 - SOIL BORING LOGS - 6
59	B-707 - SOIL BORING LOGS - 7
60	B-708 - SOIL BORING LOGS - 8
61	B-709 - SOIL BORING LOGS - 9
62	B-710 - SOIL BORING LOGS - 10
63	B-711 - SOIL BORING LOGS - 11
64	B-712 - SOIL BORING LOGS - 12
65	B-713 - SOIL BORING LOGS - 13
66	B-714 - SOIL BORING LOGS - 14
A15000_DREDGING AND RECLAMATION_MN	
67	CN001 DREDGING AND RECLAMATION GENERAL NOTES
68	CN101 VICINITY AND LOCATION MAPS
69	CN102 CDF LOCATION PLAN
70	CN104 EXISTING SOFT SEDIMENT LAYER ISOPACH MAP
71	CN105 DREDGING PLAN PHASE 1 - SOFT SEDIMENT REMOVAL
72	CN110 DREDGING PLAN PHASE 2 - DRY DOCK AND APPROACH CHANNEL
73	CN125 REVEMENT PLAN
74	CN130 RECLAMATION FILL PLAN
75	CN135 DREDGE DISPOSAL SITE CDF 1
76	CN136 DREDGE DISPOSAL SITE CDF 4
77	CN137 OFFSHORE DREDGE DISPOSAL SITE

INDEX	SHEET REF AND TITLE
78	CN140 SOIL IMPROVEMENT PLAN
79	CN201 DREDGING PROFILE - DRY DOCK AND APPROACH CHANNEL
80	CN220 REVETMENT PROFILE
81	CN230 TYPICAL RECLAMATION FILL PROFILES - 1
82	CN231 TYPICAL RECLAMATION FILL PROFILES - 2
83	CN240 SOIL IMPROVEMENT PROFILES - 1
84	CN241 SOIL IMPROVEMENT PROFILES - 2
85	CN301 TYPICAL DREDGING SECTIONS PHASE 1
86	CN302 TYPICAL DREDGING SECTIONS PHASE 2 - 1
87	CN303 TYPICAL DREDGING SECTIONS PHASE 2 - 2
88	CN340 TYPICAL REVETMENT SECTIONS
A16000_MARINE DEMO_MN	
89	SD101 - GENERAL DEMOLITION AND REMOVAL LAYOUT
90	SD102 - CRANE PLATFORM FRAMING DEMOLITION PLAN
91	SD103 - CRANE PLATFORM PILE DEMOLITION PLAN - 1
92	SD104 - CRANE PLATFORM PILE DEMOLITION PLAN - 2
93	SD105 - RAILWAY PILE DEMOLITION PLAN AND ELEVATION - 1
94	SD106 - RAILWAY PILE DEMOLITION PLAN AND ELEVATION - 2
95	SD107 - RAILWAY PILE DEMOLITION PLAN AND ELEVATION - 3
96	SD301 - CRANE PLATFORM AND RAILWAY DEMOLITION SECTION
97	SD302 - CRANE DEMOLITIONS SECTION - 1
98	SD303 - RAILWAY DEMOLITION SECTION
99	SD401 - MACHINE HOUSE DEMOLITION
100	SD410 - PIER 1223 AND BLDG 1446 PLAN AND SECTION
101	SD411 - PIER 1223 AND BLDG 1446 DETAILS
102	SD420 - MOORING PLATFORM PLAN AND SECTION
A20000_STRUCTURAL - DRY DOCK_MN	
103	SG001 - GENERAL STRUCTURAL NOTES - 1
104	SG011 - STRUCTURAL DESIGN CRITERIA - 2
105	SG020 - STRUCTURAL NOTES AND ABBREVIATIONS
106	SG021 - TYPICAL DETAILS-1
107	SG030 - OVERALL DRY DOCK PLAN
108	SG031 - CONCRETE PAVEMENT PLAN
109	SG100 - CONSTRUCTION SEQUENCE PLAN
110	SG101 - CONSTRUCTION SEQUENCE - 1
111	SG102 - CONSTRUCTION SEQUENCE - 2
112	SG103 - CONSTRUCTION SEQUENCE - 3
113	SG115 - DRY DOCK SECTION - OVERVIEW
114	SG120 - DRY DOCK SHORING PLAN
115	SG121 - ENLARGED DRY DOCK SHORING PLAN - 1
116	SG122 - ENLARGED DRY DOCK SHORING PLAN - 2
117	SG123 - ENLARGED DRY DOCK SHORING PLAN - 3
118	SG124 - ENLARGED DRY DOCK SHORING PLAN - 4
119	SG130 - OVERALL DRY DOCK DECK AND FLOOR PLAN
120	SG131 - ENLARGED DRY DOCK DECK AND FLOOR PLAN - 1
121	SG132 - ENLARGED DRY DOCK DECK AND FLOOR PLAN - 2
122	SG133 - ENLARGED DRY DOCK DECK AND FLOOR PLAN - 3
123	SG134 - ENLARGED DRY DOCK DECK AND FLOOR PLAN - 4
124	SG140 - OVERALL DRY DOCK FOUNDATION PLAN
125	SG141 - ENLARGED DRY DOCK FOUNDATION PLAN - 1
126	SG142 - ENLARGED DRY DOCK FOUNDATION PLAN - 2
127	SG143 - ENLARGED DRY DOCK FOUNDATION PLAN - 3
128	SG144 - ENLARGED DRY DOCK FOUNDATION PLAN - 4
129	SG150 - DRY DOCK UTILITY AND MOORING HARDWARE CAP PLAN
130	SG200 - DRY DOCK LONGITUDINAL SECTION
131	SG201 - DRY DOCK LONGITUDINAL WALL ELEVATION - PORTSIDE
132	SG202 - DRY DOCK LONGITUDINAL WALL ELEVATION - STARBOARD SIDE
133	SG210 - ENTRANCE STRUCTURE ENLARGED SECTION
134	SG300 - DRY DOCK SECTION - TYPICAL
135	SG301 - DRY DOCK SECTION - AT STAIRS
136	SG302 - DRY DOCK SECTION - AT PUMPWELL CULVERT
137	SG303 - DRY DOCK SECTION - AT HEAD WALL
138	SG304 - DRY DOCK SECTION - AT HEAD WALL
139	SG305 - DRY DOCK SECTION - AT ELEVATOR TUNNEL
140	SG306 - DRY DOCK SECTION - AT ENTRANCE WALL
141	SG400 - ENLARGED PLAN AT STAIRS
142	SG401 - ENLARGED PLAN AT ELEVATOR
143	SG410 - ENTRANCE STRUCTURE ENLARGED PLANS
144	SG420 - MECHANICAL UTILITY TUNNEL
145	SG500 - KING PILE WALL DETAILS - 1
146	SG510 - MOORING HARDWARE PILE DETAILS
147	SG511 - PIER PILE CAP CONNECTION DETAILS
148	SG520 - DRY DOCK FLOOR PRECAST DETAIL -1
149	SG521 - DRY DOCK FLOOR PRECAST DETAIL -2
150	SG522 - DRY DOCK FLOOR PRECAST DETAIL -3
151	SG523 - DRY DOCK FLOOR PRECAST DETAIL -4
152	SG524 - FLOOR DETAIL -1
153	SG530 - DRY DOCK WALL DETAILS - 1
154	SG531 - DRY DOCK WALL DETAILS - 2
155	SG532 - DRY DOCK WALL DETAILS - 3
156	SG533 - CAISSON SEAT LONGITUDINAL SECTION
157	SG534 - HYDRAULIC RAM DETAILS

INDEX	SHEET REF AND TITLE
158	SG550 - PCC PAVEMENT DECK DETAILS - 1
159	SG555 - UTILITY TUNNEL DETAILS
160	SG600 - BOLLARD FOUNDATION AND DETAIL
161	SG601 - CAPSTAIN FOUNDATION AND DETAIL
162	SG602 - ROLLER CHOCK FOUNDATION DETAIL
163	SG603 - CLEAT FOUNDATION DETAIL
A20500_STRUCTURAL - COFFERDAM_SCS	
164	SF001 - NORTH COFFERDAM - DESIGN CRITERIA AND LOAD DIAGRAMS
165	SF101 - NORTH COFFERDAM KEY PLAN
166	SF102 - NORTH COFFERDAM LAYOUT PLAN - SHEET 1 OF 2
167	SF103 - NORTH COFFERDAM LAYOUT PLAN - SHEET 2 OF 2
168	SF201 - NORTH COFFERDAM LAYOUT ELEVATION - SHEET 1 OF 2
169	SF202 - NORTH COFFERDAM LAYOUT ELEVATION - SHEET 2 OF 2
170	SF301 - NORTH COFFERDAM SECTION
171	SF401 - NORTH COFFERDAM - CONSTRUCTION STAGES
172	SF402 - NORTH COFFERDAM - DEMOLITION
A21000_STRUCTURAL - QUAY WALLS_SCS	
173	SQ001 - QUAY WALL STRUCTURAL GENERAL NOTES
174	SQ002 - QUAY WALL DESIGN CRITERIA AND LOAD DIAGRAMS
175	SQ003 - QUAY WALL CONSTRUCTION STAGES -SHEET 1 OF 2
176	SQ004 - QUAY WALL CONSTRUCTION STAGES -SHEET 2 OF 2
177	SQ101 - QUAY WALL KEY PLAN
178	SQ102 - QUAY WALL LAYOUT PLAN -SHEET 1 OF 4
179	SQ103 - QUAY WALL LAYOUT PLAN -SHEET 2 OF 4
180	SQ104 - QUAY WALL LAYOUT PLAN -SHEET 3 OF 4
181	SQ105 - QUAY WALL LAYOUT PLAN SHEET 4 OF 4
182	SQ201 - QUAY WALL LAYOUT ELEVATIONS -SHEET 1 OF 4
183	SQ202 - QUAY WALL LAYOUT ELEVATIONS -SHEET 2 OF 4
184	SQ203 - QUAY WALL LAYOUT ELEVATIONS -SHEET 3 OF 4
185	SQ204 - QUAY WALL LAYOUT ELEVATIONS -SHEET 4 OF 4
186	SQ301 - QUAY WALL SECTIONS -SHEET 1 OF 8
187	SQ302 - QUAY WALL SECTIONS -SHEET 2 OF 8
188	SQ303 - QUAY WALL SECTIONS -SHEET 3 OF 8
189	SQ304 - QUAY WALL SECTIONS -SHEET 4 OF 8
190	SQ305 - QUAY WALL SECTIONS -SHEET 5 OF 8
191	SQ306 - QUAY WALL SECTIONS -SHEET 6 OF 8
192	SQ307 - QUAY WALL SECTIONS -SHEET 7 OF 8
193	SQ308 - QUAY WALL SECTIONS -SHEET 8 OF 8
194	SQ401 - QUAY WALL DECK KEY PLAN
195	SQ402 - QUAY WALL DECK PLAN -SHEET 1 OF 2
196	SQ403 - QUAY WALL DECK PLAN -SHEET 2 OF 2
A21500_STRUCTURAL - ELEVATOR_WSP	
197	SY111 - PLAN -SOUTH ELEVATOR ENCLOSURE -SHEET 1
198	SY211 - ELEVATION -SOUTH ELEVATOR ENCLOSURE
199	SY212 - ELEVATION -SOUTH ELEVATOR ENCLOSURE
200	SY311 - SECTION -SOUTH ELEVATOR ENCLOSURE
A22000_STRUCTURAL - CAISSON_MN	
201	SC001 - STRUCTURAL NOTES
202	SC002 -LOADING CRITERIA - SHEET 1 OF 2
203	SC002 -LOADING CRITERIA - SHEET 2 OF 2
204	SC101 - PLAN - CAISSON WEATHER DECK
205	SC102 - PLAN - CAISSON GIRDER 4
206	SC103 - PLAN - CAISSON OPERATIONS DECK
207	SC104 - PLAN - CAISSON GIRDER 3
208	SC105 - PLAN - CAISSON GIRDER 2
209	SC106 - PLAN - CAISSON GIRDER 1
210	SC107 - PLAN - CAISSON CATWALK GIRDER 4
211	SC108 - PLAN - CAISSON CATWALK GIRDER 3 & 2
212	SC109 - PLAN - CAISSON GRATING GIRDER 1
213	SC201 - ELEVATION - CAISSON HULL PLATE BEND LINES & FRAME LINES
214	SC202 - ELEVATION - CAISSON HULL PLATING
215	SC203 - ELEVATION - CAISSON FRAMING
216	SC301 - SECTIONS - CAISSON TYPICAL FRAMING - SHEET 1 OF 2
217	SC302 - SECTIONS AND DETAILS - CAISSON INTERMEDIATE FRAMING
218	SC514 - DETAILS - CAISSON LINE HANDLING EQUIPMENT & FOUNDATIONS - SHEET 1 OF 2
219	SC517 - DETAILS - CAISSON COMPANIONWAY ACCESS HATCH - SHEET 1 OF 2
220	SC519 - DETAILS - CAISSON MACHINERY ACCESS HATCH
221	SC520 - MANHOLE AND DETAILS
222	SC521 - DETAILS - CAISSON PUMP FOUNDATIONS & ACCESS HATCH
223	SC901 - CAISSON - ISOMETRIC VIEW
A22500_STRUCTURAL - CRANE RAILS_WSP	
224	SR001 - CRANE RAIL STRUCTURAL NOTES AND LEGEND
225	SR002 - CRANE RAIL STRUCTURAL NOTES AND LEGEND
226	SR101 - PLAN - CRANE RAIL SITE
227	SR102 - PLAN - CRANE RAIL ALIGNMENTS
228	SR103 - PLAN - CRANE RAIL - SHEET 1
229	SR104 - PLAN - CRANE RAIL - SHEET 2
230	SR105 - PLAN - CRANE RAIL - SHEET 3
231	SR106 - PLAN - CRANE RAIL - SHEET 4
232	SR107 - PLAN - CRANE RAIL - SHEET 5
233	SR108 - PLAN - CRANE RAIL - SHEET 6
234	SR201 - PROFILES - CRANE RAIL - SHEET 1

INDEX	SHEET REF AND TITLE
235	SR202 - PROFILES - CRANE RAIL - SHEET 2
236	SR301 - SECTION - CRANE RAIL SUBSTRUCTURE
237	SR401 - DETAIL PLAN - CRANE RAIL SWITCHES - SHEET 1
238	SR402 - DETAIL PLAN - CRANE RAIL SWITCHES - SHEET 2
239	SR403 - DETAIL PLAN - CRANE RAIL SWITCHES - SHEET 3
240	SR404 - DETAIL PLAN - CRANE RAIL FOUNDATION
241	SR501 - CONSTRUCTION SECTIONS AND DETAILS - SHEET 1
242	SR502 - CONSTRUCTION SECTIONS AND DETAILS - SHEET 2
243	SR503 - CONSTRUCTION SECTIONS AND DETAILS - SHEET 3
244	SR504 - CONSTRUCTION SECTIONS AND DETAILS - SHEET 4
245	SR505 - CONSTRUCTION SECTIONS AND DETAILS - SHEET 5

  	<p>DEPARTMENT OF THE NAVY</p> <p>NAVFAC PACIFIC</p> <p>PEARL HARBOR NAVAL SHIPYARD &amp; IMF</p> <p><b>DRY DOCK 3 REPLACEMENT</b></p> <p>INDEX OF DRAWINGS - PACKAGE A (1 OF 3)</p>
<p>APPROVED</p> <p>FOR COMMANDER NAVFAC</p> <p>ACTIVITY</p> <p>SATISFACTORY TO DATE</p> <p>DES ### DRW ### CHK ###</p> <p>PMDM #####</p> <p>BRANCH MANAGER</p> <p>CHIEF ENGINEER</p> <p>FIRE PROTECTION</p>	<p>NAVFAC PACIFIC</p> <p>MAKALAPA, HAWAII</p>
<p>SCALE: AS NOTED</p> <p>PROJECT NO. ###</p> <p>CONSTR. CONTR. NO.</p> <p>NAVFAC DRAWING NO. ###</p> <p>SHEET # OF</p> <p><b>G-004</b></p>	<p>DATE</p> <p>DESCRIPTION</p>

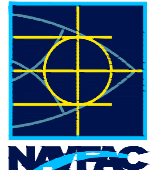


FILE NAME: Q:\H111104\100\_CADD\_Activity\Design\1000A\_General\MN\DRYDOCK3\DRYDOCK3\_004.dwg LAYOUT NAME: INDEX OF DRAWINGS - PACKAGE A (1 OF 3) PLOTTED: Monday, July 12, 2021, 6:20pm USER: rsoab





INDEX	SHEET REF AND TITLE
B1000B_GENERAL_MN	
1	G-001-B - TITLE SHEET
2	G-002-B - LOCATION AND VICINITY MAPS
3	G-003-B - INDEX TO DRAWING SUBSETS
4	G-004-B - INDEX OF DRAWINGS - PACKAGE A (1 OF 3)
5	G-005-B - INDEX OF DRAWINGS - PACKAGE A (2 OF 3)
6	G-006-B - INDEX OF DRAWINGS - PACKAGE A (3 OF 3)
7	G-007-B - INDEX OF DRAWINGS - PACKAGE B (1 OF 3)
8	G-008-B - INDEX OF DRAWINGS - PACKAGE B (2 OF 3)
9	G-009-B - INDEX OF DRAWINGS - PACKAGE B (3 OF 3)
B10000_CIVIL - DEMOLITION_WOC	
10	CD0001 - GENERAL, ABBREVIATIONS, SYMBOLS, NOTES, ETC.
11	CD101 - OVERALL LANDSIDE DEMOLITION PLAN
12	CD101-A1 - LANDSIDE DEMOLITION PLAN - AREA A1
13	CD101-A2 - LANDSIDE DEMOLITION PLAN - AREA A2
14	CD101-A3 - LANDSIDE DEMOLITION PLAN - AREA A3
15	CD101-A4 - LANDSIDE DEMOLITION PLAN - AREA A4
16	CD101-A5 - LANDSIDE DEMOLITION PLAN - AREA A5
17	CD101-A6 - LANDSIDE DEMOLITION PLAN - AREA A6
18	CD101-A7 - LANDSIDE DEMOLITION PLAN - AREA A7
19	CD101-A8 - LANDSIDE DEMOLITION PLAN - AREA A8
20	CD101-A9 - LANDSIDE DEMOLITION PLAN - AREA A9
21	CD101-A10 - LANDSIDE DEMOLITION PLAN - AREA A10
22	CD101-B1 - LANDSIDE DEMOLITION PLAN - AREA B1
23	CD101-B2 - LANDSIDE DEMOLITION PLAN - AREA B2
24	CD101-B3 - LANDSIDE DEMOLITION PLAN - AREA B3
25	CD101-B4 - LANDSIDE DEMOLITION PLAN - AREA B4
26	CD101-B5 - LANDSIDE DEMOLITION PLAN - AREA B5
27	CD101-B6 - LANDSIDE DEMOLITION PLAN - AREA B6
28	CD101-B7 - LANDSIDE DEMOLITION PLAN - AREA B7
29	CD101-B8 - LANDSIDE DEMOLITION PLAN - AREA B8
30	CD101-B9 - LANDSIDE DEMOLITION PLAN - AREA B9
31	CD101-C1 - LANDSIDE DEMOLITION PLAN - AREA C1
32	CD101-C2 - LANDSIDE DEMOLITION PLAN - AREA C2
33	CD101-C3 - LANDSIDE DEMOLITION PLAN - AREA C3
34	CD101-D1 - LANDSIDE DEMOLITION PLAN - AREA D1
35	CD101-D2 - LANDSIDE DEMOLITION PLAN - AREA D2
36	CD101-D3 - LANDSIDE DEMOLITION PLAN - AREA D3
37	CD102 - OVERALL LANDSIDE UTILITY DEMOLITION PLAN
38	CD102-A1 - LANDSIDE UTILITY DEMOLITION PLAN - AREA A1
39	CD102-A2 - LANDSIDE UTILITY DEMOLITION PLAN - AREA A2
40	CD102-A3 - LANDSIDE UTILITY DEMOLITION PLAN - AREA A3
41	CD102-A4 - LANDSIDE UTILITY DEMOLITION PLAN - AREA A4
42	CD102-A5 - LANDSIDE UTILITY DEMOLITION PLAN - AREA A5
43	CD102-A6 - LANDSIDE UTILITY DEMOLITION PLAN - AREA A6
44	CD102-A7 - LANDSIDE UTILITY DEMOLITION PLAN - AREA A7
45	CD102-A8 - LANDSIDE UTILITY DEMOLITION PLAN - AREA A8
46	CD102-A9 - LANDSIDE UTILITY DEMOLITION PLAN - AREA A9
47	CD102-A10 - LANDSIDE UTILITY DEMOLITION PLAN - AREA A10
48	CD102-B1 - LANDSIDE UTILITY DEMOLITION PLAN - AREA B1
49	CD102-B2 - LANDSIDE UTILITY DEMOLITION PLAN - AREA B2
50	CD102-B3 - LANDSIDE UTILITY DEMOLITION PLAN - AREA B3
51	CD102-B4 - LANDSIDE UTILITY DEMOLITION PLAN - AREA B4
52	CD102-B5 - LANDSIDE UTILITY DEMOLITION PLAN - AREA B5
53	CD102-B6 - LANDSIDE UTILITY DEMOLITION PLAN - AREA B6
54	CD102-B7 - LANDSIDE UTILITY DEMOLITION PLAN - AREA B7
55	CD102-B8 - LANDSIDE UTILITY DEMOLITION PLAN - AREA B8
56	CD102-B9 - LANDSIDE UTILITY DEMOLITION PLAN - AREA B9
57	CD102-C1 - LANDSIDE UTILITY DEMOLITION PLAN - AREA C1
58	CD102-C2 - LANDSIDE UTILITY DEMOLITION PLAN - AREA C2
59	CD102-C3 - LANDSIDE UTILITY DEMOLITION PLAN - AREA C3
60	CD102-D1 - LANDSIDE UTILITY DEMOLITION PLAN - AREA D1
61	CD102-D2 - LANDSIDE UTILITY DEMOLITION PLAN - AREA D2
62	CD102-D3 - LANDSIDE UTILITY DEMOLITION PLAN - AREA D3
B10500_CIVIL - SITE_WOC	
63	CS001 - GENERAL, ABBREVIATIONS, SYMBOLS, NOTES, ETC.
64	CS101 - OVERALL LANDSIDE SITE PLAN
65	CS101-A1 - LANDSIDE SITE PLAN - AREA A1
66	CS101-A2 - LANDSIDE SITE PLAN - AREA A2
67	CS101-A3 - LANDSIDE SITE PLAN - AREA A3
68	CS101-A4 - LANDSIDE SITE PLAN - AREA A4
69	CS101-A5 - LANDSIDE SITE PLAN - AREA A5
70	CS101-A6 - LANDSIDE SITE PLAN - AREA A6
71	CS101-A7 - LANDSIDE SITE PLAN - AREA A7
72	CS101-A8 - LANDSIDE SITE PLAN - AREA A8
73	CS101-A9 - LANDSIDE SITE PLAN - AREA A9
74	CS101-A10 - LANDSIDE SITE PLAN - AREA A10
75	CS101-B1 - LANDSIDE SITE PLAN - AREA B1
76	CS101-B2 - LANDSIDE SITE PLAN - AREA B2

INDEX	SHEET REF AND TITLE
77	CS101-B3 - LANDSIDE SITE PLAN - AREA B3
78	CS101-B4 - LANDSIDE SITE PLAN - AREA B4
79	CS101-B5 - LANDSIDE SITE PLAN - AREA B5
80	CS101-B6 - LANDSIDE SITE PLAN - AREA B6
81	CS101-B7 - LANDSIDE SITE PLAN - AREA B7
82	CS101-B8 - LANDSIDE SITE PLAN - AREA B8
83	CS101-B9 - LANDSIDE SITE PLAN - AREA B9
84	CS101-C1 - LANDSIDE SITE PLAN - AREA C1
85	CS101-C2 - LANDSIDE SITE PLAN - AREA C2
86	CS101-C3 - LANDSIDE SITE PLAN - AREA C3
87	CS101-D1 - LANDSIDE SITE PLAN - AREA D1
88	CS101-D2 - LANDSIDE SITE PLAN - AREA D2
89	CS101-D3 - LANDSIDE SITE PLAN - AREA D3
B11000_CIVIL - GRADING_WOC	
90	CG101 - OVERALL GRADING PLAN
91	CG101-A1 - LANDSIDE GRADING PLAN - AREA A1
92	CG101-A2 - LANDSIDE GRADING PLAN - AREA A2
93	CG101-A3 - LANDSIDE GRADING PLAN - AREA A3
94	CG101-A4 - LANDSIDE GRADING PLAN - AREA A4
95	CG101-A5 - LANDSIDE GRADING PLAN - AREA A5
96	CG101-A6 - LANDSIDE GRADING PLAN - AREA A6
97	CG101-A7 - LANDSIDE GRADING PLAN - AREA A7
98	CG101-A8 - LANDSIDE GRADING PLAN - AREA A8
99	CG101-A9 - LANDSIDE GRADING PLAN - AREA A9
100	CG101-A10 - LANDSIDE GRADING PLAN - AREA A10
101	CG101-B1 - LANDSIDE GRADING PLAN - AREA B1
102	CG101-B2 - LANDSIDE GRADING PLAN - AREA B2
103	CG101-B3 - LANDSIDE GRADING PLAN - AREA B3
104	CG101-B4 - LANDSIDE GRADING PLAN - AREA B4
105	CG101-B5 - LANDSIDE GRADING PLAN - AREA B5
106	CG101-B6 - LANDSIDE GRADING PLAN - AREA B6
107	CG101-B7 - LANDSIDE GRADING PLAN - AREA B7
108	CG101-B8 - LANDSIDE GRADING PLAN - AREA B8
109	CG101-B9 - LANDSIDE GRADING PLAN - AREA B9
110	CG101-C1 - LANDSIDE GRADING PLAN - AREA C1
111	CG101-C2 - LANDSIDE GRADING PLAN - AREA C2
112	CG101-C3 - LANDSIDE GRADING PLAN - AREA C3
113	CG101-D1 - LANDSIDE GRADING PLAN - AREA D1
114	CG101-D2 - LANDSIDE GRADING PLAN - AREA D2
115	CG101-D3 - LANDSIDE GRADING PLAN - AREA D3
116	CG301 - LANDSIDE SITE SECTIONS - 1
117	CG302 - LANDSIDE SITE SECTIONS - 2
118	CG303 - LANDSIDE SITE SECTIONS - 3
119	CG304 - LANDSIDE SITE SECTIONS - 4
120	CG305 - LANDSIDE SITE SECTIONS - 5
121	CG306 - LANDSIDE SITE SECTIONS - 6
122	CG307 - LANDSIDE SITE SECTIONS - 7
123	CG308 - LANDSIDE SITE SECTIONS - 8
124	CG309 - LANDSIDE SITE SECTIONS - 9
125	CG310 - LANDSIDE SITE SECTIONS - 10
126	CG311 - LANDSIDE SITE SECTIONS - 11
B11500_CIVIL - ROADWAY_WOC	
127	CR101 - ROADWAY PLAN AND PROFILE - 1
128	CR102 - ROADWAY PLAN AND PROFILE - 2
129	CR103 - ROADWAY PLAN AND PROFILE - 3
130	CR104 - ROADWAY PLAN AND PROFILE - 4
131	CR105 - ROADWAY PLAN AND PROFILE - 5
132	CR106 - ROADWAY PLAN AND PROFILE - 6
133	CR107 - ROADWAY PLAN AND PROFILE - 7
134	CR301 - ROADWAY TYPICAL SECTIONS
135	CR302 - ROADWAY TYPICAL SECTIONS
136	CR303 - ROADWAY TYPICAL SECTIONS
137	CR304 - ROADWAY TYPICAL SECTIONS
B12000_CIVIL - PAVEMENT MARKING_WOC	
138	CM101 - OVERALL PAVEMENT MARKING PLAN
139	CM102 - PAVEMENT MARKING PLAN - 1
140	CM103 - PAVEMENT MARKING PLAN - 2
141	CM104 - PAVEMENT MARKING PLAN - 3
142	CM105 - PAVEMENT MARKING PLAN - 4
143	CM106 - PAVEMENT MARKING PLAN - 5
144	CM107 - PAVEMENT MARKING PLAN - 6
145	CM108 - PAVEMENT MARKING PLAN - 7
146	CM109 - PAVEMENT MARKING PLAN - 8
147	CM110 - PAVEMENT MARKING PLAN - 9
148	CM111 - PAVEMENT MARKING PLAN - 10
149	CM501 - PAVEMENT MARKING DETAILS

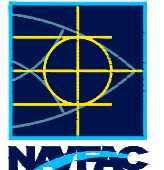


DATE	
BY	
DESCRIPTION	
	
	
	
1010 BISHOP STREET, SUITE 2400 HONOLULU, HAWAII 96813 (808) 535-7000	
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	
SATISFACTORY TO DATE	
DES ###	DRAW ###
CHK ###	
PMDM #####	
BRANCH MANAGER	
CHIEF ENGINEER	
FIRE PROTECTION	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND NAVFAC PACIFIC PEARL HARBOR NAVAL SHIPYARD & IMF MAKALAPA, HAWAII <b>DRY DOCK 3 REPLACEMENT</b> INDEX OF DRAWINGS - PACKAGE B (1 OF 3)	
SCALE: AS NOTED	
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO. ###	
SHEET #	OF
<b>G-007</b>	

FILE NAME: Q:\111104-0100\_CADD\_Active\Drawings\10500A\_General\INDEX\INDEX OF DRAWINGS - PACKAGE B (1 OF 3).PLOTTED: Monday, July 12, 2021, 6:20pm\USER: rchab

INDEX	SHEET REF AND TITLE
B12500_CIVIL - UTILITIES_WOC	
150	CU001 - GENERAL ABBREVIATIONS SYMBOLS NOTES ETC.
151	CU101 - OVERALL LANDSIDE CHT UTILITY PLAN
152	CU101-A1 - LANDSIDE CHT UTILITY PLAN - AREA A1
153	CU101-A2 - LANDSIDE CHT UTILITY PLAN - AREA A2
154	CU101-A3 - LANDSIDE CHT UTILITY PLAN - AREA A3
155	CU101-A4 - LANDSIDE CHT UTILITY PLAN - AREA A4
156	CU101-A5 - LANDSIDE CHT UTILITY PLAN - AREA A5
157	CU101-A6 - LANDSIDE CHT UTILITY PLAN - AREA A6
158	CU101-A7 - LANDSIDE CHT UTILITY PLAN - AREA A7
159	CU101-A8 - LANDSIDE CHT UTILITY PLAN - AREA A8
160	CU101-A9 - LANDSIDE CHT UTILITY PLAN - AREA A9
161	CU101-A10 - LANDSIDE CHT UTILITY PLAN - AREA A10
162	CU101-B1 - LANDSIDE CHT UTILITY PLAN - AREA B1
163	CU101-B2 - LANDSIDE CHT UTILITY PLAN - AREA B2
164	CU101-B3 - LANDSIDE CHT UTILITY PLAN - AREA B3
165	CU101-B4 - LANDSIDE CHT UTILITY PLAN - AREA B4
166	CU101-B5 - LANDSIDE CHT UTILITY PLAN - AREA B5
167	CU101-B6 - LANDSIDE CHT UTILITY PLAN - AREA B6
168	CU101-B7 - LANDSIDE CHT UTILITY PLAN - AREA B7
169	CU101-B8 - LANDSIDE CHT UTILITY PLAN - AREA B8
170	CU101-B9 - LANDSIDE CHT UTILITY PLAN - AREA B9
171	CU101-C1 - LANDSIDE CHT UTILITY PLAN - AREA C1
172	CU101-C2 - LANDSIDE CHT UTILITY PLAN - AREA C2
173	CU101-C3 - LANDSIDE CHT UTILITY PLAN - AREA C3
174	CU101-D1 - LANDSIDE CHT UTILITY PLAN - AREA D1
175	CU101-D2 - LANDSIDE CHT UTILITY PLAN - AREA D2
176	CU101-D3 - LANDSIDE CHT UTILITY PLAN - AREA D3
177	CU102 - OVERALL POTABLE WATER UTILITY PLAN
178	CU102-A1 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA A1
179	CU102-A2 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA A2
180	CU102-A3 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA A3
181	CU102-A4 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA A4
182	CU102-A7 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA A7
183	CU102-A8 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA A8
184	CU102-A9 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA A9
185	CU102-A10 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA A10
186	CU102-B1 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA B1
187	CU102-B2 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA B2
188	CU102-B3 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA B3
189	CU102-B4 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA B4
190	CU102-B5 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA B5
191	CU102-B6 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA B6
192	CU102-B7 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA B7
193	CU102-B8 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA B8
194	CU102-B9 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA B9
195	CU102-C1 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA C1
196	CU102-C2 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA C2
197	CU102-C3 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA C3
198	CU102-D1 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA D1
199	CU102-D2 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA D2
200	CU102-D3 - LANDSIDE POTABLE WATER UTILITY PLAN - AREA D3
201	CU103 - OVERALL LANDSIDE FRESH WATER UTILITY PLAN
202	CU103-A1 - LANDSIDE FRESH WATER UTILITY PLAN - AREA A1
203	CU103-A2 - LANDSIDE FRESH WATER UTILITY PLAN - AREA A2
204	CU103-A3 - LANDSIDE FRESH WATER UTILITY PLAN - AREA A3
205	CU103-A4 - LANDSIDE FRESH WATER UTILITY PLAN - AREA A4
206	CU103-A7 - LANDSIDE FRESH WATER UTILITY PLAN - AREA A7
207	CU103-A8 - LANDSIDE FRESH WATER UTILITY PLAN - AREA A8
208	CU103-A9 - LANDSIDE FRESH WATER UTILITY PLAN - AREA A9
209	CU103-A10 - LANDSIDE FRESH WATER UTILITY PLAN - AREA A10
210	CU103-B1 - LANDSIDE FRESH WATER UTILITY PLAN - AREA B1
211	CU103-B2 - LANDSIDE FRESH WATER UTILITY PLAN - AREA B2
212	CU103-B3 - LANDSIDE FRESH WATER UTILITY PLAN - AREA B3
213	CU103-B4 - LANDSIDE FRESH WATER UTILITY PLAN - AREA B4
214	CU103-B5 - LANDSIDE FRESH WATER UTILITY PLAN - AREA B5
215	CU103-B6 - LANDSIDE FRESH WATER UTILITY PLAN - AREA B6
216	CU103-B7 - LANDSIDE FRESH WATER UTILITY PLAN - AREA B7
217	CU103-B8 - LANDSIDE FRESH WATER UTILITY PLAN - AREA B8
218	CU103-B9 - LANDSIDE FRESH WATER UTILITY PLAN - AREA B9
219	CU103-C1 - LANDSIDE FRESH WATER UTILITY PLAN - AREA C1
220	CU103-C2 - LANDSIDE FRESH WATER UTILITY PLAN - AREA C2
221	CU103-C3 - LANDSIDE FRESH WATER UTILITY PLAN - AREA C3
222	CU103-D1 - LANDSIDE FRESH WATER UTILITY PLAN - AREA D1
223	CU103-D2 - LANDSIDE FRESH WATER UTILITY PLAN - AREA D2
224	CU103-D3 - LANDSIDE FRESH WATER UTILITY PLAN - AREA D3
225	CU104 - OVERALL LANDSIDE SALT WATER UTILITY PLAN
226	CU104-A1 - LANDSIDE SALT WATER UTILITY PLAN - AREA A1
227	CU104-A2 - LANDSIDE SALT WATER UTILITY PLAN - AREA A2

INDEX	SHEET REF AND TITLE
228	CU104-A3 - LANDSIDE SALT WATER UTILITY PLAN - AREA A3
229	CU104-A4 - LANDSIDE SALT WATER UTILITY PLAN - AREA A4
230	CU104-A7 - LANDSIDE SALT WATER UTILITY PLAN - AREA A7
231	CU104-A8 - LANDSIDE SALT WATER UTILITY PLAN - AREA A8
232	CU104-A9 - LANDSIDE SALT WATER UTILITY PLAN - AREA A9
233	CU104-A10 - LANDSIDE SALT WATER UTILITY PLAN - AREA A10
234	CU104-B1 - LANDSIDE SALT WATER UTILITY PLAN - AREA B1
235	CU104-B2 - LANDSIDE SALT WATER UTILITY PLAN - AREA B2
236	CU104-B3 - LANDSIDE SALT WATER UTILITY PLAN - AREA B3
237	CU104-B4 - LANDSIDE SALT WATER UTILITY PLAN - AREA B4
238	CU104-B5 - LANDSIDE SALT WATER UTILITY PLAN - AREA B5
239	CU104-B6 - LANDSIDE SALT WATER UTILITY PLAN - AREA B6
240	CU104-B7 - LANDSIDE SALT WATER UTILITY PLAN - AREA B7
241	CU104-B8 - LANDSIDE SALT WATER UTILITY PLAN - AREA B8
242	CU104-B9 - LANDSIDE SALT WATER UTILITY PLAN - AREA B9
243	CU104-C1 - LANDSIDE SALT WATER UTILITY PLAN - AREA C1
244	CU104-C2 - LANDSIDE SALT WATER UTILITY PLAN - AREA C2
245	CU104-C3 - LANDSIDE SALT WATER UTILITY PLAN - AREA C3
246	CU104-D1 - LANDSIDE SALT WATER UTILITY PLAN - AREA D1
247	CU104-D2 - LANDSIDE SALT WATER UTILITY PLAN - AREA D2
248	CU104-D3 - LANDSIDE SALT WATER UTILITY PLAN - AREA D3
249	CU105 - OVERALL LANDSIDE STORM DRAINAGE UTILITY PLAN
250	CU105-A1 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA A1
251	CU105-A2 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA A2
252	CU105-A3 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA A3
253	CU105-A4 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA A4
254	CU105-A7 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA A7
255	CU105-A8 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA A8
256	CU105-A9 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA A9
257	CU105-A10 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA A10
258	CU105-B1 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA B1
259	CU105-B2 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA B2
260	CU105-B3 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA B3
261	CU105-B4 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA B4
262	CU105-B5 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA B5
263	CU105-B6 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA B6
264	CU105-B7 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA B7
265	CU105-B8 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA B8
266	CU105-B9 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA B9
267	CU105-C1 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA C1
268	CU105-C2 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA C2
269	CU105-C3 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA C3
270	CU105-D1 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA D1
271	CU105-D2 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA D2
272	CU105-D3 - LANDSIDE STORM DRAINAGE UTILITY PLAN - AREA D3
273	CU106 - OVERALL LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN
274	CU106-A1 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA A1
275	CU106-A2 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA A2
276	CU106-A3 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA A3
277	CU106-A4 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA A4
278	CU106-A7 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA A7
279	CU106-A8 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA A8
280	CU106-A9 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA A9
281	CU106-A10 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA A10
282	CU106-B1 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA B1
283	CU106-B2 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA B2
284	CU106-B3 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA B3
285	CU106-B4 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA B4
286	CU106-B5 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA B5
287	CU106-B6 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA B6
288	CU106-B7 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA B7
289	CU106-B8 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA B8
290	CU106-B9 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA B9
291	CU106-C1 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA C1
292	CU106-C2 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA C2
293	CU106-C3 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA C3
294	CU106-D1 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA D1
295	CU106-D2 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA D2
296	CU106-D3 - LANDSIDE NITROGEN AND COMPRESSED AIR UTILITY PLAN - AREA D3
B13000_CIVIL - SEWER PUMP STATION_WSP	
297	CW001 - GENERAL NOTES
298	CW002 - FLOW DIAGRAM, DESIGN CRITERIA, AND PIPING SCHEDULE
299	CW101 - OVERALL LOCATION PLAN
300	CW102 - EXISTING CONDITIONS PLAN
301	CW103 - GENERAL SITE PLAN
302	CW104 - SITE SANITARY SEWER UTILITY PLAN
303	CW105 - PUMP STATION TOP LEVEL FLOOR PLAN
304	CU201 - SEWER FORCE MAIN PLAN AND PROFILE - 1
305	CU202 - SEWER FORCE MAIN PLAN AND PROFILE - 2

INDEX	SHEET REF AND TITLE
306	CW501 - SANITARY SEWER DETAILS-1
307	CW502 - SANITARY SEWER DETAILS-2
308	CW503 - SANITARY SEWER DETAILS-3
309	CW504 - PUMP STATION DETAILS - 1
310	CW505 - PUMP STATION DETAILS-2
311	CW506 - PUMP STATION DETAILS - 3
312	CW507 - PUMP STATION DETAILS - 4
B26500_STRUCTURAL - RESTROOM_MN	
313	SN101 - RESTROOM FOUNDATION PLAN & ROOF FRAMING PLAN
314	SN301 - RESTROOM BUILDING SECTIONS
B27000_STRUCTURAL - FIRE WATER PUMPHOUSE_MN	
315	SB101 - FIRE WATER PUMPHOUSE FOUNDATION PLAN & ROOF FRAMING PLAN
316	SB301 - FIRE WATER PUMPHOUSE BUILDING SECTIONS
B27500_STRUCTURAL - SITE RETAINING WALLS AND MISC SITE STRUCTURES_WSP	
317	SL001 - SITE RETAINING WALL STRUCTURAL NOTES AND LEGEND
318	SL101 - PLAN - RETAINING WALL SITE
319	SL102 - PLAN - RETAINING WALL - WALL A, B, E & F
320	SL103 - PLAN - RETAINING WALL - WALL C
321	SL104 - PLAN - RETAINING WALL - WALL D
322	SL201 - ELEVATIONS - RETAINING WALL - WALL A & F
323	SL202 - ELEVATIONS - RETAINING WALL - WALL B & E
324	SL203 - ELEVATIONS - RETAINING WALL - WALL C
325	SL204 - ELEVATIONS - RETAINING WALL - WALL D
326	SL301 - SECTIONS - RETAINING WALL AND STAIRS
B28000_STRUCTURAL - SEWER PUMP STATION_WSP	
327	SU001 - STRUCTURAL NOTES
328	SU121 - PLAN -SHORING
329	SU122 - PLAN -FLOORING
330	SU123 - PLAN -MID LEVEL FLOOR
331	SU124 - PLAN -SEWER PUMP BUILDING
332	SU301 - SECTION -NORTH
333	SU302 - SECTION -WEST
B29000_STRUCTURAL - SUBSTATION_X_MN	
334	SX101 - SUBSTATION X FOUNDATION PLAN & ROOF FRAMING PLAN
335	SX301 - SUBSTATION X BUILDING SECTIONS
B29500_STRUCTURAL - LPA BUILDING_MN	
336	SA101 - LPA BUILDING FOUNDATION PLAN & ROOF FRAMING PLAN
337	SA301 - LPA BUILDING SECTIONS
B33500_ARCHITECTURAL - RESTROOM_DPI	
338	AR101 - RESTROOM - FLOOR PLAN
339	AR111 - RESTROOM - CEILING PLAN
340	AR201 - RESTROOM - ROOF PLAN
341	AR301 - RESTROOM - EXTERIOR ELEVATIONS & BLDG SECTIONS
B34000_ARCHITECTURAL - FIRE WATER PUMPHOUSE_DPI	
342	AP101 - FIRE WATER PUMPHOUSE - FLOOR & ROOF PLAN
343	AP201 - FIRE WATER PUMPHOUSE - EXTERIOR ELEVATIONS
344	AP301 - FIRE WATER PUMPHOUSE - BUILDING SECTIONS
B34500_ARCHITECTURAL - SEWER PUMPSTATION_DPI	
345	AS101 - SEWER PUMP STATION - FLOOR & ROOF PLANS
346	AS201 - SEWER PUMPSTATION - EXTERIOR ELEVATION & BLDG SECTIONS
B35000_ARCHITECTURAL - SUBSTATION_X_DPI	
347	AX101 - SUBSTATION X - FLOOR & ROOF PLAN
348	AX201 - SUBSTATION X - EXTERIOR ELEVATIONS & BUILDING SECTION
B35500_ARCHITECTURAL - DG PLANT_DPI	
349	AT101 - DIESEL GENERATOR PLANT - FLOOR & ROOF PLAN
350	AT201 - DIESEL GENERATOR PLANT - EXTERIOR ELEVATION
351	AT301 - DIESEL GENERATOR PLANT - BUILDING SECTIONS
B36000_ARCHITECTURAL - LOW PRESSURE AIR_DPI	
352	AA101 - LPA BLDG - FLOOR PLAN
353	AA111 - LPA BLDG - ROOF PLAN
354	AA201 - LPA BLDG - EXTERIOR ELEVATIONS & BUILDING SECTION

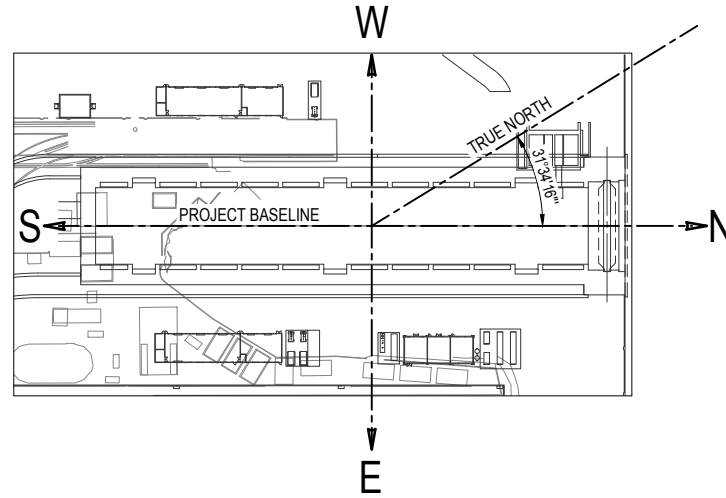
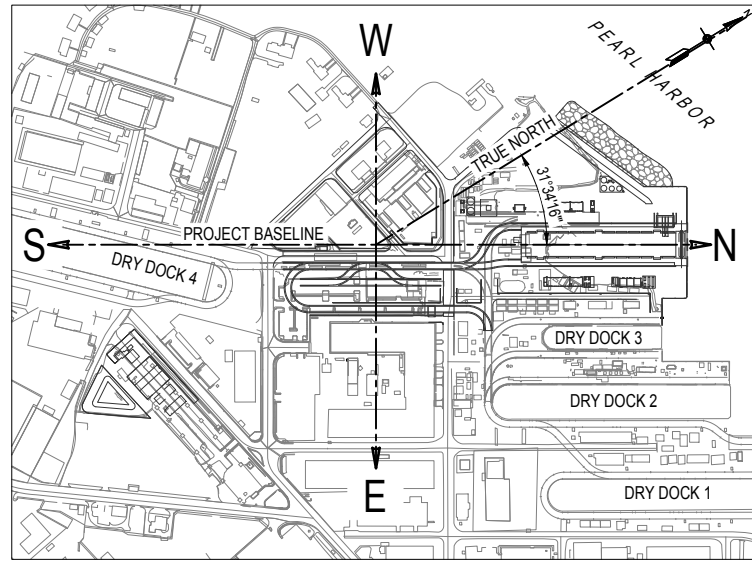
DATE	
DESCRIPTION	
	
	
	
APPROVED _____ FOR COMMANDER NAVFAC	
ACTIVITY _____	
SATISFACTORY TO DATE _____	
DES ###	DRW ###
CHK ###	###
BRANCH MANAGER _____	
CHIEF ENGINEER _____	
FIRE PROTECTION _____	
DEPARTMENT OF THE NAVY NAVFAC PACIFIC PEARL HARBOR NAVAL SHIPYARD & IMF MAKALAPA, HAWAII <b>DRY DOCK 3 REPLACEMENT</b> INDEX OF DRAWINGS - PACKAGE B (2 OF 3)	
SCALE: AS NOTED	
PROJECT NO. _____	
CONSTR. CONTR. NO. _____	
NAVFAC DRAWING NO. _____	
SHEET # OF _____	
<b>G-008</b>	

FILE NAME: Q:\1111104\100\_CADD\_Active\Drawings\1030A\_General\INDEX\INDEX OF DRAWINGS - PACKAGE B (2 OF 3).RVT (P. 3) PLOTTED: Monday, July 12, 2021, 6:20pm\USER: rnbab





PLAN SHEET ORIENTATION



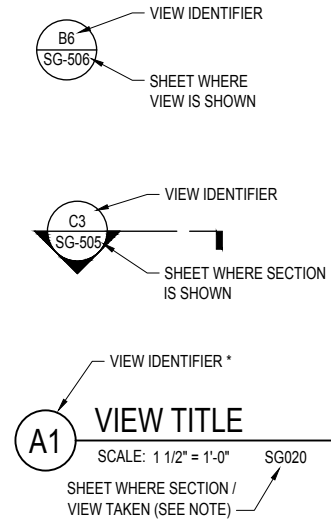
DD-5, TIDES COMPARISON CHART

	MLLW	MLW	MSL (Old)	MSL (adj)	"MLW Local Shipyard Datum"
MHHW	1.90	1.74	1.08	1.37	101.74
MHW	1.44	1.28	0.62	0.91	101.28
MSL (old)	0.82	0.66	0	0.29	100.66
MSL (Adj)	0.53	0.37	-0.29	0	100.37
MLW	0.16	0	-0.66	-0.37	100.00
MLLW	0	-0.16	-0.83	-0.53	99.83

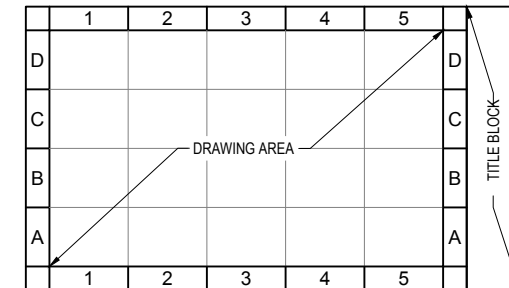
INDICATES THE OLD MSL DATUM USED FOR THESE DRAWINGS.

Note: NOAA Station 1612340, established 1905, Tidal Epoch 1983-2001  
<https://tidesandcurrents.noaa.gov/stationhome.html?id=1612340>  
 National Geodetic Survey Height Modernization (2019 Datum) ft. Appr = -0.29

CROSS-REFERENCE LEGEND

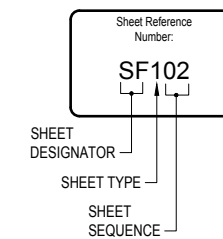


\* VIEW IDENTIFIER IS BASED ON THE (DACS) LOCATION OF THE LOWER-LEFT EXTENTS OF THE VIEW ON THE REFERENCED SHEET. WHEN REFERENCING DRAWING INFORMATION BETWEEN SHEETS, BOTH THE VIEW AND SHEET NUMBERS MUST BE QUOTED TOGETHER - EITHER IN A CALLOUT FORMAT AS SHOWN ABOVE OR IN THE FORM: "VIEW NO./SHEET NO." (EG A1/CS-5001)



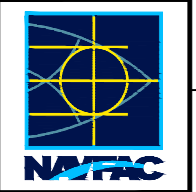
DRAWING AREA COORDINATE SYSTEM (DACS)

SHEET TYPE DESIGNATORS	
0	GENERAL (COVER SHEET, LEGEND, NOTES)
1	PLANS (HORIZONTAL VIEWS)
2	ELEVATIONS (NOT TYPICALLY USED)
3	SECTIONS (OVERALL VIEWS)
4	LARGE-SCALE VIEWS (PLANS, SECT. OR ELEV. - NOT DETAILS)
5	DETAILS (MAY BE PLAN, SECT. OR ELEV. VIEWS)
6	SCHEDULES
7	USER DEFINED
8	USER DEFINED
9	3D ISOMETRIC



SHEET NUMBERING

SYN	DESCRIPTION	DATE	APP'R
AA	PRELIMINARY 25% SUBMITTAL	2021.05.14	



APPROVED  
 FOR COMMANDER NAVFAC  
 ACTIVITY  
 SATISFACTORY TO DATE  
 DES DRW CHK  
 PM/DM  
 BRANCH MANAGER  
 CHIEF ENGINEER  
 FIRE PROTECTION

DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND  
 NAVFAC PACIFIC  
 PEARL HARBOR NAVAL SHIPYARD & IMF  
 MAKALAPA, HAWAII  
**DRY DOCK 3 REPLACEMENT**  
 LEGEND AND KEY TO DRAWINGS

SCALE: AS NOTED  
 EPROJCT NO.:  
 CONSTR. CONTR. NO.:  
 NAVFAC DRAWING NO.:  
 SHEET OF

G-020

FILE NAME: \\na.naf\Papeha\11104\0120\_CADD\_Adev1\_Design\1000\_General\1000\DRYDOCK3\5676443-G0208.dwg LAYOUT NAME: LEGEND AND KEY TO DRAWINGS PLOTTED: Wednesday, June 02, 2021 - 5:12pm USER: marn

### LEGEND AND SYMBOLS

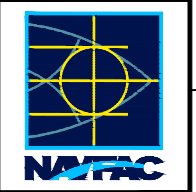
	PROJECT FEATURE
	(E) FEATURE
	(E) CONTOUR
	FINISH GRADE CONTOUR
	APPROXIMATE EDGE OF WATER
	(E) ELECTRICAL LINE - OVERHEAD
	(E) GAS LINE
	SURVEY CONTROL POINT
	WORK POINT

**NOTE:**  
LEGENDS, SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET IS FOR GENERAL APPLICATION. THEY MAY BE SUPERCEDED BY LEGENDS, SYMBOLS AND ABBREVIATIONS SHOWN ON OTHER DRAWINGS.

### ABBREVIATIONS:

&	AND	IBC	INTERNATIONAL BUILDING CODE	T	TON
@	AT	ID	INSIDE DIAMETER	TO	TOP OF
#	SIZE NUMBER FOR REINFORCING BAR	INBD	INBOARD	THK	THICK
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	IN	INCHES	TOC	TOP OF CONCRETE, TOP OF CURB
ABUT	ABUTMENT	INFO	INFORMATION	TOS	TOP OF STEEL
AB	ANCHOR BOLT	INV	INVERT	TOW	TOP OF WALL, TOP OF WALKWAY TO BE REMOVED
AC	ASPHALT CONCRETE	JT	JOINT	TBR	TO BE REMOVED
ACI	AMERICAN CONCRETE INSTITUTE	JBPHH	JOINT BASE PEARL HARBOR - HICKAM	TYP	TYPICAL
ACM	ASBESTOS CONTAINING MATERIALS			T & B	TOP AND BOTTOM
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	KIP	1000 POUNDS FORCE	UFC	UNIFIED FACILITIES CRITERIA
ANSI	AMERICAN NATINAL STANDARD INSTITUDE	KSI	KIPS PER SQUARE INCH	UNO	UNLESS NOTED OTHERWISE
APPROX	APPROXIMATE			UXO	UNEXPLODED ORDINACE
ARCH	ARCHITECT/ARCHITECTURAL MATERIALS	L	LENGTH	VERT	VERTICAL
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	LB	POUND	W	WEST
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	LBP	LEAD-BASED PAINT	W/	WITH
		LF	LINEAR FEET	W/O	WITHOUT
AWS	AMERICAN WELDING SOCIETY	LG	LONG	WP	WORK POINT
		LLV	LONG LEG VERTICAL	WT	WATER TIGHT
		LT	LEFT		
B	BOTTOM	LOBW	LOWEST OBSERVED WATER		
BC	BEGIN CURB	LONG	LONGITUDINAL		
BK	BACK				
BL	BASELINE	MAX	MAXIMUM		
BLDG	BUILDING	MECH	MECHANICAL		
BLW	BELOW	MEC	MUNITIONS AND EXPLOSIVES OF CONCERN		
BMP	BEST MANAGEMENT PRACTICES	MH	MANHOLE		
BOT	BOTTOM	MHW	MEAN HIGH WATER		
BTWN	BETWEEN	MHHW	MEAN HIGHER HIGH WATER		
		MIN	MINIMUM		
CJ	CONSTRUCTION JOINT	MISC	MISCELLANEOUS		
CF	CUBIC FEET	MLW	MEAN LOW WATER		
CG	CENTER OF GRAVITY	MLLW	MEAN LOWER LOW WATER		
CHK	CHECKERED	MPPS	MUNITIONS AND EXPLOSIVES OF CONCERN		
CL	CENTERLINE	MRS	MUNITION RESPONSE SITE		
CLR	CLEAR	MSL	MEAN SEA LEVEL		
COMM	COMMUNICATION				
CONC	CONCRETE	N	NORTH		
CONST	CONSTRUCTION	NAVD88	NORTH AMERICAN VERTICAL DATUM OF 1988		
CONT	CONTINUOUS	NGVD	NATIONAL GEODETIC VERTICAL DATUM		
CSK	COUNTERSUNK	NIC	NOT IN CONTRACT		
CTS	CENTERS	NO.#	NUMBER		
CY	CUBIC YARDS	NOAA	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION		
		NS	NEAR SIDE		
DD	DRY DOCK	NTS	NOT TO SCALE		
DDESB	DEPARMENT OF DEFENCE EXPLOSIVE SAFETY BOARD	NWS	NAVAL WEPONS STATION		
DEMO	DEMOLITION				
DIA, Ø	DIAMETER	OC	ON CENTER		
DIP	DUCTILE IRON PIPE	OD	OUTSIDE DIAMETER		
DO	DITTO	OG	ORIGINAL GRADE		
DPW	DEPARMENT OF PUBLIC WORKS	OP	OPERATION(S)		
DWG	DRAWING	OPNG	OPENING		
		OPP	OPPOSITE		
E	EAST	OUTBD	OUTBOARD		
EA	EACH				
EF	EACH FACE	PAR	PIER ACCESS ROAD		
EC	END CURB	P/C	PRECAST		
EHW	EXTREME HIGH WATER	P/F	PREFABRICATED		
EIS	ENVIRONMENTAL IMPACT STATEMENT	PCI	PRECAST CONCRETE INSTITUTE		
EL, ELEV	ELEVATION	P, PL	PLATE		
ELEC	ELECTRICAL	POV	PRIVATELY OPERATED VEHICLE		
ELW	EXTREME LOW WATER	PSF	POUNDS PER SQUARE FOOT		
EQ	EQUAL	PSI	POUND PER SQUARE INCH		
EQUIP	EQUIPMENT	PVC	POLYVINYL CHLORIDE		
ES	EACH SIDE	PW	POTABLE WATER		
(E), EXIST	EXISTING				
EW	EACH WAY	R	RADIUS		
		RCSC	RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS		
FB	FLAT BAR	REF	REFERENCE		
FG	FINISH GRADE	REINF	REINFORCING		
FLG	FLANGE	REQD	REQUIRED		
FLR	FLOOR	ROD	RECORD OF DETERMINATION		
FR	FRAME	RT	RIGHT		
FS	FAR SIDE				
FT	FEET	S	SOUTH		
FW	FIRE WATER	SCH	SCHEDULE		
FWD	FORWARD	SF	SQUARE FOOT		
		SHT	SHEET		
GALV	GALVANIZED	SIM	SIMILAR		
GSP	GALVANIZED STEEL PIPE	SPA	SPACES		
GR	GRADE	SPEC	SPECIFICATION		
		SQ	SQUARE		
HLT	HEAVY LIFT TRANSPORTER	SS	STAINLESS STEEL		
HOBW	HIGHEST OBSERVED WATER	STBD	STARBOARD		
HORIZ	HORIZONTAL	STD	STANDARD		
HS	HIGH STRENGTH	SYMM	SYMMETRICAL		

NO.	DESCRIPTION	DATE	APP'R



APPROVED	DATE	
FOR COMMANDER NAVFAC		
ACTIVITY		
SATISFACTORY TO	DATE	
DES #	DRW #	CHK #
PM/DM		
BRANCH MANAGER		
CHIEF ENGINEER		
FIRE PROTECTION		

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND  
NAVFAC PACIFIC  
PEARL HARBOR NAVAL SHIPYARD & IMF  
MAKALAPA, HAWAII  
**DRY DOCK 3 REPLACEMENT**  
LEGEND AND ABBREVIATIONS

SCALE:	AS NOTED
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET	OF
<b>G-021</b>	

FILE NAME: I:\naef\p\p\p\h11104\0120\_CADD\_A\rev1\_Design\1000\_General\MAIN\DRYDOCK3\575443-G-021.dwg LAYOUT NAME: layout1 PLOTTED: Wednesday, June 02, 2021 - 5:12pm USER: imatin

**GENERAL NOTES**

**A. GENERAL**

- VERIFY ALL FIELD DIMENSIONS, EXISTING ELEVATIONS AND CONDITIONS AGAINST THE PROJECT DRAWINGS. ALL DISCREPANCIES SHALL BE REPORTED TO THE CONTRACTING OFFICER FOR DIRECTION BEFORE STARTING WORK.
- PROVIDE CATCHMENT/CONTAINMENT DEVICES TO CATCH AND PREVENT CONSTRUCTION DEBRIS, OIL, DIRT, COATINGS, TOOLS, ETC. FROM ENTERING WATER.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR JOB SITE SAFETY IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL SAFETY ORDINANCES.
- THIS PROJECT REQUIRES THE IMPLEMENTATION OF AN ENVIRONMENTAL PROTECTION PLAN, IN ACCORDANCE WITH THE ENVIRONMENTAL IMPACT STATEMENT (EIS) AND RECORD OF DECISION (ROD).
- WHEN WORKING WITH EQUIPMENT THAT MAY CONTAIN OIL OR OTHER POLLUTANTS, CAPTURE ALL SPILLS AND DISPOSE OF MATERIAL OFF-SITE PER APPLICABLE REGULATIONS.
- PROVIDE NEW MATERIALS FOR ALL WORK SHOWN, UNO.
- THE TERM "CONTRACTING OFFICER" SHALL INCLUDE THE CONTRACTING OFFICER'S REPRESENTATIVE.
- EXISTING UTILITIES FOUND BY THE SURVEYOR AND UTILITIES LOCATED BY UTILITY LOCATOR ARE SHOWN ON THE DRAWINGS. OTHER UTILITIES ARE ALSO SHOWN BASED ON RECORD INFORMATION AVAILABLE. ADDITIONAL UTILITIES MAY BE ENCOUNTERED. PRIOR TO PERFORMING ANY EXCAVATION ACTIVITIES, THE CONTRACTOR SHALL PERFORM UTILITY LOCATES, INCLUDING BUT NOT LIMITED TO CONTACTING DIG ALERT FOR UTILITY MARKING. MARK THE SURFACE OF THE GROUND OR PAVED SURFACE WHERE EXISTING UNDERGROUND UTILITIES ARE DISCOVERED. VERIFY THE ELEVATIONS OF EXISTING PIPING, UTILITIES OR ANY TYPE OF UNDERGROUND OBSTRUCTION DISCOVERED IN LOCATIONS TO BE TRAVERSED BY PIPING, DUCTS, AND OTHER WORK TO BE CONDUCTED OR INSTALLED. VERIFY ELEVATIONS BY HAND EXCAVATION OR POTHOLING PRIOR TO ANY MECHANICAL EXCAVATION ACTIVITIES. CONTRACTOR SHALL NOTIFY CONTRACTING OFFICER IMMEDIATELY IN THE EVENT OF CONFLICT. OBTAIN DIGGING PERMITS PRIOR TO START OF EXCAVATION BY CONTACTING THE CONTRACTING OFFICER A MINIMUM OF 21 CALENDAR DAYS IN ADVANCE OF BEGINNING EXCAVATION.
- HAND EXCAVATE AROUND EXISTING UTILITIES THAT ARE TO REMAIN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES RESULTING FROM THE CONTRACTOR'S ACTIVITIES.
- NOTIFY THE CONTRACTING OFFICER IMMEDIATELY IF DEMOLITION WILL AFFECT UTILITY SERVICE TO OTHER FACILITIES.
- COORDINATE WITH CONTRACTING OFFICER FOR ALL DISRUPTIONS OF UTILITIES AS A RESULT OF REQUIRED DEMOLITION OR NEW WORK. A 21-DAY NOTIFICATION IS REQUIRED PRIOR TO ALL UTILITY OUTAGES.
- COORDINATE AND SCHEDULE UTILITY TIE-INS AND CONNECTIONS ACCORDINGLY. UTILITY TIE-INS TO DISTRIBUTION MAINS SHALL BE MADE IN THE PRESENCE OF A UTILITY INTERCONNECT SPECIALIST REPRESENTATIVE.
- IN CASE OF ANY UTILITY-RELATED EMERGENCY, CONTACT THE PUBLIC WORKS DEPARTMENT AT (808) 449-3100.
- IN CASE OF EMERGENCIES, CONTACT THE BASE SECURITY DISPATCH AT (808) 474-2222.
- CENTERLINE OF POTABLE WATER, SANITARY SEWER AND STORM WATER UTILITY LINES ARE SHOWN ON CIVIL DRAWINGS. DIMENSIONS SHOWN ARE TO CENTERLINE.
- COORDINATE LOCATION FOR NEW CONSTRUCTION AS FOLLOWS:
  - DRY DOCK STRUCTURE - INSIDE CORNERS OF PERMANENT WALL
  - STORM STRUCTURES, ELECTRICAL MANHOLES - CENTER POINT OF STRUCTURE
  - BUILDINGS, PADS, CURBED PADS - CORNER OF PAD OR OUTSIDE CORNER OF INTEGRAL CURB ON PAD
  - STORM SEWERS, SANITARY SEWERS, WATER LINES, COMPRESSED AIR, NITROGEN, SALT WATER LINES, ELECTRICAL DUCT BANKS - CENTERLINE OF PIPE, DUCT BANK, OR TRENCH
  - CURB AND GUTTER AND VERTICAL CURB - BACK OF CURB
  - STREETS AND ROADS - EITHER EDGE OF PAVEMENT OR CENTERLINE OF PAVEMENT AS INDICATED
- CONFLICTS BETWEEN NOTES PROVIDED ON INDIVIDUAL DRAWINGS, GENERAL DISCIPLINE NOTES, AND PROJECT GENERAL NOTES SHALL BE BROUGHT TO THE ATTENTION OF, AND BE RESOLVED WITH, THE CONTRACTING OFFICER BEFORE PROCEEDING WITH ANY WORK.

**B. DESIGN CRITERIA AND REFERENCES**

- DESIGN REFERENCES:
 

IBC 2021	INTERNATIONAL BUILDING CODE, 2021
UFC 4-151-10	GENERAL CRITERIA FOR WATERFRONT CONSTRUCTION, 1 SEP 2012
UFC 4-152-01	DESIGN: PIERS AND WHARVES, 24 JAN 2017
UFC 4-213-10	GRAVING DRY DOCKS, 18 MAY 2020

OTHER CODES AND DESIGN CRITERIA ARE LISTED IN THE DISCIPLINE DRAWINGS TO WHICH THEY APPLY.

**C. BEST MANAGEMENT PRACTICES (BMP)**

- CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICES (BMP) DURING ALL CONSTRUCTION WORK TO PREVENT / MINIMIZE POLLUTANT DISCHARGE INTO THE HARBOR.
- CONTRACTOR SHALL CONTROL TURBIDITY DURING ALL IN-WATER WORK AS SPECIFIED. IN-WATER WORK SHALL INCLUDE PILE EXTRACTING, PROBING, REMOVING OF OBSTRUCTIONS, PRE-DRILLING, PILE DRIVING, PILE CUTTING, AND DREDGING.
- NO DEBRIS SHALL BE ALLOWED TO ENTER THE WATER. CONTRACTOR SHALL PROVIDE A TEMPORARY PLATFORM OR OTHER SUITABLE POSITIVE MEANS OF CAPTURING DEBRIS FROM DEMOLITION OPERATIONS. THESE FACILITIES SHALL BE IN PLACE AND APPROVED BY THE CONTRACTING OFFICER BEFORE STARTING DEMOLITION WORK.
- CONCRETE, OTHER THAN TREMIE CONCRETE SHALL NOT BE ALLOWED TO ENTER THE WATER, AND SHALL NOT OVERFLOW FORMWORK. FORMWORK SHALL BE SEALED AGAINST CONCRETE LEAKAGE.
- OTHER BEST MANAGEMENT PRACTICES, AS ESTABLISHED IN THE EIS (WORK IN PROGRESS).

**D. DIMENSIONS OF WORK**

- ALL DIMENSIONS AND ELEVATIONS ARE IN IMPERIAL UNITS (FEET AND INCHES), UNLESS OTHERWISE NOTED.
- DATUM OF ELEVATIONS IS MSL = 0.00 FT (UNO)

**E. CONTRACTOR'S OPERATION**

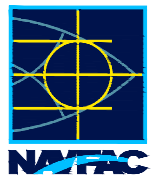
- CONSTRUCTION ACTIVITIES ARE WITHIN PEARL HARBOR NAVAL SHIPYARD, WAIPIO PENINSULA, AND FORD ISLAND WITH KNOWN MEC AND MPPEH PRESENCE. ALL CONSTRUCTION ACTIVITIES ARE SUBJECT TO THE REQUIREMENTS OF EXPLOSIVES SAFETY SUBMISSION (ESS) DATED DD-MM-YR AND DEPARTMENT OF DEFENSE EXPLOSIVE SAFETY BOARD (DDESB) APPROVAL (WITH CONDITIONS) DATED DD-MM-YR.
- ALL WORK MUST BE CONDUCTED IN STRICT ACCORDANCE WITH THE JBPHH SAFETY DEPARTMENT REQUIREMENTS.
- JBPHH IS AN OPERATING INSTALLATION WITH NUMEROUS CRITICAL OPERATIONS INCLUDING EXPLOSIVES AND MUNITIONS HANDLING. CONTRACTORS SHALL PLAN, ORGANIZE, AND ACCOMPLISH ACTIVITIES TO MINIMIZE THE IMPACT OF CONSTRUCTION ACTIVITIES AND CONSTRUCTION TRAFFIC ON INSTALLATION OPERATIONS, TRAFFIC IN THE AREA, AND THE AREAS ADJACENT TO THE INSTALLATION.
- CONTRACTOR'S PERSONNEL WITHOUT A VEHICLE PASS SHALL NOT ENTER THE BASE ON FOOT. WORKERS SHALL PARK PRIVATELY OPERATED VEHICLES (POV) OUTSIDE THE GATE IN A DESIGNATED AREA AND TRANSPORTED TO THE PROJECT SITE IN APPROVED VEHICLES.
- ALL COMMERCIAL VEHICLES ARE SUBJECT TO INSPECTION.
- (POV) SHALL NOT BE PARKED IN ANY AREA ON INSTALLATION THAT IS NOT DESIGNATED FOR THE CONTRACTOR'S SPECIFIC USE.
- CONTRACTOR SHALL CAREFULLY SCHEDULE AND COORDINATE TRUCK TRAFFIC FOR THE PROJECT. COORDINATE WITH CONTRACTING OFFICER.
- JBPHH IS A SECURE NAVY INSTALLATION. CONTRACTOR'S PERSONNEL ARE PERMITTED ONLY IN AREAS WHERE THE WORK IS BEING PERFORMED.
- CONTRACTOR SHALL COORDINATE LOCATION FOR CONSTRUCTION TRAILER(S) WITH PHNSY AND JBPHH PUBLIC WORKS DEPARTMENT AND SHALL BE RESPONSIBLE FOR EXTENDING UTILITIES TO THOSE LOCATIONS.
- CONTRACTOR SHALL NOT UTILIZE AREAS OTHER THAN CONSTRUCTION AND LAYDOWN AREAS INDICATED AND APPROVED BY CONTRACTING OFFICER WITHOUT SPECIFIC WRITTEN PERMISSION FROM CONTRACTING OFFICER.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING DAMAGE TO HAUL ROADS CAUSED BY CONSTRUCTION ACTIVITIES. ROADS WITH TRAFFIC RUTS IN EXCESS OF 0.5 INCHES IN DEPTH WHEN MEASURED FROM A STRAIGHT EDGE WILL BE CONSIDERED TO HAVE FAILED AND SHALL BE RECONSTRUCTED BY CONTRACTOR. RECONSTRUCTION SHALL BE DEFINED AS FULL DEPTH REMOVAL AND REPLACEMENT OF PAVEMENT AND AGGREGATE BASE UNLESS OTHERWISE APPROVED BY CONTRACTING OFFICER. CONTRACTOR SHALL PHOTOGRAPH AND DOCUMENT CONDITION OF HAUL ROADS AND SHALL PROVIDE COPY OF DOCUMENTATION TO CONTRACTING OFFICER PRIOR TO BEGINNING CONSTRUCTION. DAMAGE NOT DOCUMENTED AS PRE-EXISTING SHALL BE REPAIRED BY CONTRACTOR AT CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL IMPLEMENT MITIGATION MEASURES DURING SITE PREPARATION AND CONSTRUCTION TO CONTROL FUGITIVE DUST SO AS NOT TO CAUSE INJURY, DETRIMENT, NUISANCE OR ANNOYANCE TO THE PUBLIC IN ACCORDANCE WITH THE CLEAN AIR BRANCH, STATE OF HAWAII, DEPARTMENT OF PUBLIC HEALTH.
- CONTRACTOR SHALL ESTABLISH AND MAINTAIN ANY AND ALL ACCESS POINTS TO JBPHH ROADS TO CONTROL TRACKING OR LOSS OF SOIL AND OTHER CONSTRUCTION MATERIAL ONTO THE ROADS. THIS INCLUDES THE USE OF BMPS SUCH AS TRUCK INSPECTIONS, WHEEL WASHING, SHAKERS, AREA CANVASSING, ETC. CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION AREAS TO BE FREE OF LITTER AND DEBRIS DAILY.
- CONTRACTOR SHALL COORDINATE ACTIVITIES AND MAINTAIN ALL ACCESS AND HAUL ROUTES IN A MANNER THAT ALLOWS UNOBSTRUCTED EMERGENCY ACCESS AT ALL TIMES WITHOUT DELAY TO EMERGENCY AND SECURITY VEHICLE RESPONSE TIME.
- IF ANY EMERGENCY ROUTES REQUIRE CLOSURE DUE TO CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL NOTIFY THE

CONTRACTING OFFICER, JBPHH BASE SECURITY, JBPHH FIRE AND EMERGENCY SERVICES DEPARTMENT, AND JBPHH PUBLIC WORKS DEPARTMENT OF THE CLOSURE.

- PEARL HARBOR, WAIPIO PENINSULA, AND FORD ISLAND HAVE BEEN THE SITE OF PREVIOUS WORLD WATER II BATTLES. CONSTRUCTION ACTIVITIES ARE SUBJECT TO REQUIREMENTS OF "EXPLOSIVES" SAFETY SUBMISSION" DATED DD-MM-YR. THESE REQUIREMENTS ARE INCLUDED IN THE SPECIFICATIONS.

**F. SCHEDULING, PHASING AND OTHER PROJECTS**

- EXECUTION OF THIS PROJECT REQUIRES SCHEDULING AND PHASING OF WORK AND ARE SHOWN ON SHEETS G-XXX TO G-XXX.
- CONTRACTOR SHALL COORDINATE ELEMENTS OF THIS CONSTRUCTION WITH OTHER CONSTRUCTION PROJECTS THAT MAY BE OCCURRING CONCURRENTLY OR SEQUENTIALLY WITHIN JBPHH.
- THE CONTRACTOR SHALL SUBMIT SCHEDULE AND WORK PLAN DOCUMENTS AS REQUIRED BY THE SPECIFICATIONS. THE SCHEDULE AND WORK PLAN SHALL DEMONSTRATE AN UNDERSTANDING AND COORDINATION OF OTHER CONCURRENT PROJECTS.



APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES #	DRW #	CHK #
-	-	-

PM/DM

BRANCH MANAGER

CHIEF ENGINEER

FIRE PROTECTION

DEPARTMENT OF THE NAVY

NAVFAC PACIFIC

PEARL HARBOR NAVAL SHIPYARD & IMF

MAKALAPA, HAWAII

DRY DOCK 3 REPLACEMENT

GENERAL NOTES

SCALE: AS NOTED

EPROJCT NO.:

CONSTR. CONTR. NO.

NAVFAC DRAWING NO.

SHEET OF

G-025

DRAWING REVISION: 25 AUGUST 2020

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

35% SUBMITTAL - 3 JUNE 2021 (PACKAGE A)

PRE-DECISIONAL

DRAWING REVISION: 25 AUGUST 2020

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

DRAWING REVISION: 25 AUGUST 2020

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

DRAWING REVISION: 25 AUGUST 2020

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

DRAWING REVISION: 25 AUGUST 2020

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

DRAWING REVISION: 25 AUGUST 2020

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

DRAWING REVISION: 25 AUGUST 2020

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

DRAWING REVISION: 25 AUGUST 2020

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

DRAWING REVISION: 25 AUGUST 2020

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

DRAWING REVISION: 25 AUGUST 2020

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

DRAWING REVISION: 25 AUGUST 2020

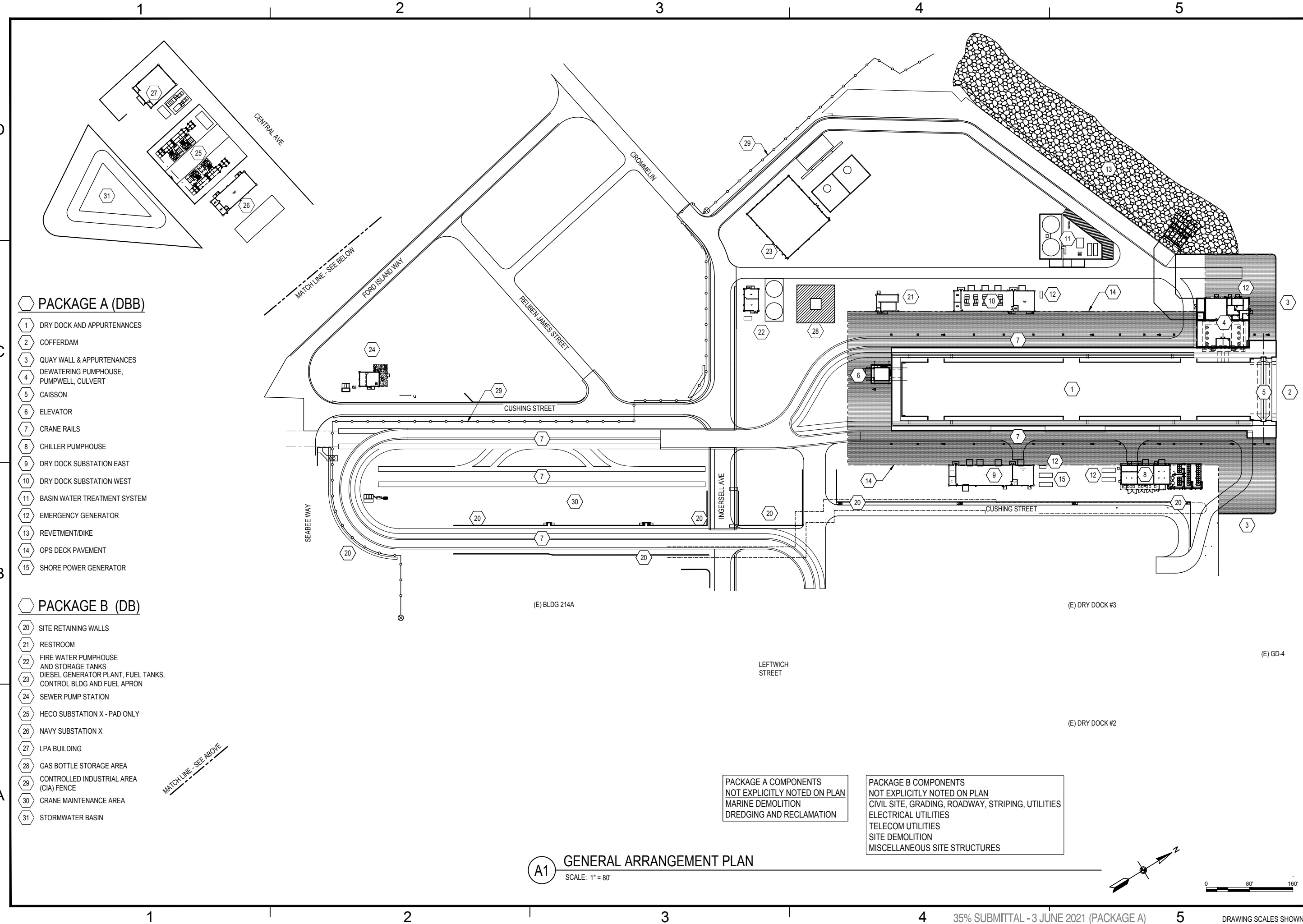
DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

DRAWING REVISION: 25 AUGUST 2020

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

DRAWING REVISION: 25 AUGUST 2020

FILE NAME: I:\na\navpac\h11104-01\20\_CADD\_Active\_Design\1000\_General\1000\DRYDOCK3\05-15-2021-7:27pm\_USER:main



**PACKAGE A (DBB)**

- 1 DRY DOCK AND APPURTENANCES
- 2 COFFERDAM
- 3 QUAY WALL & APPURTENANCES
- 4 DEWATERING PUMPHOUSE, PUMPWELL, CULVERT
- 5 CAISSON
- 6 ELEVATOR
- 7 CRANE RAILS
- 8 CHILLER PUMPHOUSE
- 9 DRY DOCK SUBSTATION EAST
- 10 DRY DOCK SUBSTATION WEST
- 11 BASIN WATER TREATMENT SYSTEM
- 12 EMERGENCY GENERATOR
- 13 REVETMENT/DIKE
- 14 OPS DECK PAVEMENT
- 15 SHORE POWER GENERATOR

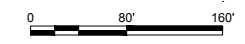
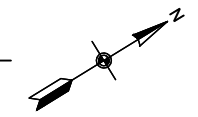
**PACKAGE B (DB)**



- 20 SITE RETAINING WALLS
- 21 RESTROOM
- 22 FIRE WATER PUMPHOUSE AND STORAGE TANKS
- 23 DIESEL GENERATOR PLANT, FUEL TANKS, CONTROL BLDG AND FUEL APRON
- 24 SEWER PUMP STATION
- 25 HECO SUBSTATION X - PAD ONLY
- 26 NAVY SUBSTATION X
- 27 LPA BUILDING
- 28 GAS BOTTLE STORAGE AREA
- 29 CONTROLLED INDUSTRIAL AREA (CIA) FENCE
- 30 CRANE MAINTENANCE AREA
- 31 STORMWATER BASIN

PACKAGE A COMPONENTS NOT EXPLICITLY NOTED ON PLAN  
MARINE DEMOLITION  
DREDGING AND RECLAMATION

PACKAGE B COMPONENTS NOT EXPLICITLY NOTED ON PLAN  
CIVIL SITE, GRADING, ROADWAY, STRIPING, UTILITIES  
ELECTRICAL UTILITIES  
TELECOM UTILITIES  
SITE DEMOLITION  
MISCELLANEOUS SITE STRUCTURES

**A1 GENERAL ARRANGEMENT PLAN**  
SCALE: 1" = 80'



  <small>DRY DOCK STREET, SUITE 2400 1001 LUALUAWA, HAWAII 96812 808-535-7000</small>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">APPROVED</td> <td style="width: 50%; text-align: center;">DATE</td> </tr> <tr> <td style="width: 50%; text-align: center;">FOR COMMANDER NAVFAC</td> <td style="width: 50%; text-align: center;">DATE</td> </tr> <tr> <td style="width: 50%; text-align: center;">ACTIVITY</td> <td style="width: 50%; text-align: center;">DATE</td> </tr> <tr> <td style="width: 50%; text-align: center;">SATISFACTORY TO</td> <td style="width: 50%; text-align: center;">DATE</td> </tr> <tr> <td style="width: 50%; text-align: center;">DES</td> <td style="width: 50%; text-align: center;">DRAW</td> </tr> <tr> <td style="width: 50%; text-align: center;">CHK</td> <td style="width: 50%; text-align: center;">BE</td> </tr> <tr> <td style="width: 50%; text-align: center;">PROJECT NO.</td> <td style="width: 50%; text-align: center;">CONSTR. CONTR. NO.</td> </tr> <tr> <td style="width: 50%; text-align: center;">NAVFAC DRAWING NO.</td> <td style="width: 50%; text-align: center;">SHEET</td> </tr> <tr> <td style="width: 50%; text-align: center;">OF</td> <td style="width: 50%; text-align: center;">OF</td> </tr> </table>	APPROVED	DATE	FOR COMMANDER NAVFAC	DATE	ACTIVITY	DATE	SATISFACTORY TO	DATE	DES	DRAW	CHK	BE	PROJECT NO.	CONSTR. CONTR. NO.	NAVFAC DRAWING NO.	SHEET	OF	OF
APPROVED	DATE																		
FOR COMMANDER NAVFAC	DATE																		
ACTIVITY	DATE																		
SATISFACTORY TO	DATE																		
DES	DRAW																		
CHK	BE																		
PROJECT NO.	CONSTR. CONTR. NO.																		
NAVFAC DRAWING NO.	SHEET																		
OF	OF																		
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND NAVFAC PACIFIC PEARL HARBOR NAVAL SHIPYARD & IMF MAKALAPA, HAWAII <b>DRY DOCK 3 REPLACEMENT</b> GENERAL ARRANGEMENT PLAN	G-101																		

1

2

3

4

5

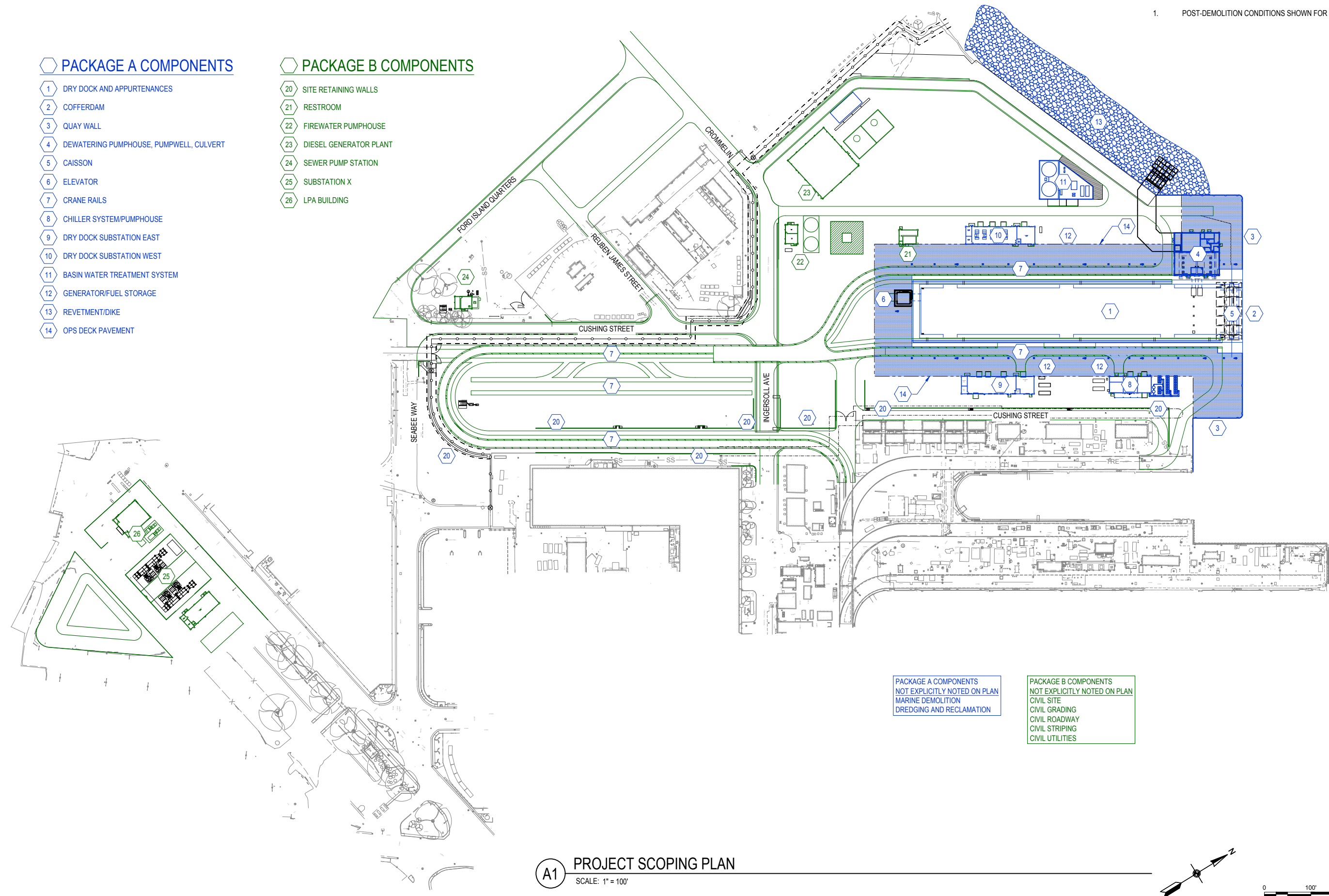
**NOTES:**  
 1. POST-DEMOLITION CONDITIONS SHOWN FOR CLARITY.

**PACKAGE A COMPONENTS**

- 1 DRY DOCK AND APPURTENANCES
- 2 COFFERDAM
- 3 QUAY WALL
- 4 DEWATERING PUMPHOUSE, PUMPWELL, CULVERT
- 5 CAISSON
- 6 ELEVATOR
- 7 CRANE RAILS
- 8 CHILLER SYSTEM/PUMPHOUSE
- 9 DRY DOCK SUBSTATION EAST
- 10 DRY DOCK SUBSTATION WEST
- 11 BASIN WATER TREATMENT SYSTEM
- 12 GENERATOR/FUEL STORAGE
- 13 REVETMENT/DIKE
- 14 OPS DECK PAVEMENT

**PACKAGE B COMPONENTS**

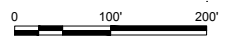
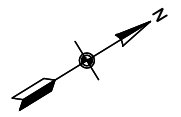
- 20 SITE RETAINING WALLS
- 21 RESTROOM
- 22 FIREWATER PUMPHOUSE
- 23 DIESEL GENERATOR PLANT
- 24 SEWER PUMP STATION
- 25 SUBSTATION X
- 26 LPA BUILDING



PACKAGE A COMPONENTS  
 NOT EXPLICITLY NOTED ON PLAN  
 MARINE DEMOLITION  
 DREDGING AND RECLAMATION

PACKAGE B COMPONENTS  
 NOT EXPLICITLY NOTED ON PLAN  
 CIVIL SITE  
 CIVIL GRADING  
 CIVIL ROADWAY  
 CIVIL STRIPING  
 CIVIL UTILITIES

**A1 PROJECT SCOPING PLAN**  
 SCALE: 1" = 100'



NO.	DESCRIPTION	DATE	APP'R.



APPROVED  
 FOR COMMANDER NAVFAC  
 ACTIVITY  
 SATISFACTORY TO DATE  
 DES DRAW CHK  
 PMDM  
 BRANCH MANAGER  
 CHIEF ENGINEER  
 FIRE PROTECTION





DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND  
 NAVFAC PACIFIC  
 PEARL HARBOR NAVAL SHIPYARD & IMF  
 MAKALAPA, HAWAII  
**DRY DOCK 3 REPLACEMENT**  
 PROJECT SCOPING PLAN

SCALE: AS NOTED  
 PROJECT NO.:  
 CONSTR. CONTR. NO.:  
 NAVFAC DRAWING NO.:  
 SHEET OF  
**G-105**

FILE NAME: \\na.nafacspace\h11104\100\_CADD\_Active\_Design\1000\_General\IMN\DRYDOCK3\105.dwg LAYOUT NAME: layout1 PLOTTED: Wednesday, June 02, 2021 7:23pm USER: m.rain



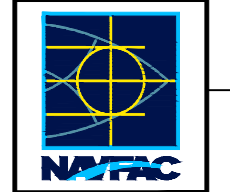
**LEGEND:**

-  STAGING AND LAYDOWN AREAS
-  CONTRACTOR PARKING
-  MATERIAL ACCESS/ HAUL ROUTE
-  PERSONNEL ACCESS
- CDF CONFINED DISPOSAL FACILITY

**NOTES:**

1. CONTRACTOR MUST ACCESS SITE THROUGH WAIPIO ACCESS GATE, FORD ISLAND GATE AND/ OR HALAWA GATE. CONTRACTOR MUST NOT UTILIZE ANY OTHER ROUTE WITHOUT PRIOR APPROVAL BY CONTRACTING OFFICER.
2. CONTRACTOR MUST COORDINATE/ CONFIRM LOCATION OF CONTRACTOR STAGING AND LAYDOWN AREA SHOWN ON THIS DRAWING PRIOR TO CONSTRUCTION.
3. CONTRACTOR ACCESS/ HAUL ROUTE SHOWN AT WAIPIO PENNINSULA IS ON AN EXISTING UNPAVED ROADWAY. CONTRACTOR IS RESPONSIBLE FOR ROAD IMPROVEMENTS TO ACCOMMODATE CONTRACTOR OPERATIONS. HAUL ROUTE MUST ACCOMMODATE TWO LANES OF TRAFFIC. CONDUCT WORK TO MINIMIZE OBSTRUCTION OF TRAFFIC AND MAINTAIN TRAFFIC ON AT LEAST HALF OF THE ROADWAY AT ALL TIMES.
4. SEGMENT OF ACCESS/ HAUL ROUTE SHOWN ALONG THE SHORELINE AT WAIPIO PENNINSULA IS NOT AN EXISTING ROADWAY AND REQUIRES IMPROVEMENT PRIOR TO BEING UTILIZED.
5. CONTRACTOR MUST RESTORE ROADWAYS AND/OR HAUL ROUTES TO PRE-CONSTRUCTION CONDITIONS AT CONTRACT COMPLETION. HYDROSEED UNPAVED LAYDOWN AREAS AT CONTRACT COMPLETION.
6. CONTRACTOR MUST SUBMIT AN EROSION CONTROL AND SEDIMENTATION PLAN PRIOR TO CONSTRUCTION AND ESTABLISHMENT OF STAGING/ LAYDOWN AREAS.
7. CONTRACTOR TO COORDINATE MATERIAL MOVEMENT INTO WAIPIO PENNINSULA WITH CONTRACTING OFFICER.
8. ALL MOVEMENT OF VESSELS WITHIN PEARL HARBOR MUST BE COORDINATED WITH PORT OPERATIONS.

NO.	DESCRIPTION	DATE	APPROVED



APPROVED	SATISFACTORY TO DATE
FOR COMMANDER NAVFAC	
ACTIVITY	

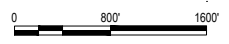
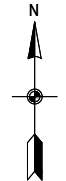
DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND  
NAVFAC PACIFIC  
PEARL HARBOR NAVAL SHIPYARD & IMF  
MAKALAPA, HAWAII

**DRY DOCK 3 REPLACEMENT**  
SITE ACCESS MAP AND HAUL ROUTE

SCALE:	AS NOTED
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET	OF

**G-120**  
DRAWING REVISION: 25 AUGUST 2020

**A1** PLAN - SITE ACCESS MAP AND HAUL ROUTE  
SCALE: 1" = 800'



FILE NAME: I:\naif\Projects\H11104\0120\_CADD\_Adv\1\_Design\1000\_General\N\N\DRYDOCK3\G-120.dwg LAYOUT NAME: Layout1 PLOTTED: Wednesday, June 02, 2021 - 10:24am USER: rtdob

1

2

3

4

5

D

C

B

A

D

C

B

A



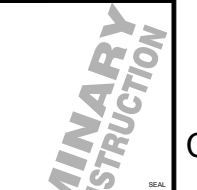
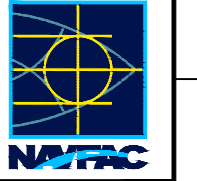
**LEGEND:**

CDF    CONFINED DISPOSAL FACILITY

**NOTES:**

1. CONTRACTOR MUST COORDINATE TEMPORARY PIER WITH CONTRACTING OFFICER.
2. TEMPORARY PIER IN-WATER CONSTRUCTION MUST NOT EXTEND BEYOND BOUNDARY SHOWN.
3. CONTRACTOR MUST REMOVE TEMPORARY PIER PRIOR TO CONTRACT COMPLETION.

NO.	DESCRIPTION	DATE	APP'R



APPROVED  
FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES BTE    DRW ND    CHK ND

PM/DM  
BRANCH MANAGER  
CHIEF ENGINEER  
FIRE PROTECTION

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND

NAVFAC PACIFIC  
PEARL HARBOR NAVAL SHIPYARD & IMF

MAKALAPA, HAWAII

**DRY DOCK 3 REPLACEMENT**

TEMPORARY CONTRACTOR PIER LOCATION AT WAIPIO PENINSULA

SCALE: AS NOTED

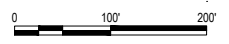
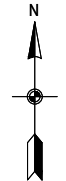
PROJECT NO.  
CONSTR. CONTR. NO.

NAVFAC DRAWING NO.  
SHEET    OF   

**G-121**

DRAWING REVISION: 25 AUGUST 2020

**A1** TEMPORARY CONTRACTOR PIER LOCATION AT WAIPIO PENINSULA  
SCALE: 1" = 100'



FILE NAME: \\na.naf\Pacpac\h11104\0120\_CADD\_Adrvt\Design\1000\_General\MN\DRYDOCK3\576443-G-01.dwg LAYOUT NAME: TEMP PIER PLOTTED: Wednesday, June 10, 2021, 2:48pm USER: ndeb

1

2

3

4

5



1. APPLICABLE CODES AND STANDARDS

Table with 3 columns: ABBREVIATIONS, TITLE, EDITION. Lists codes like IBC, NAVSEA 8010, NFPA 1, etc.

2. TYPE OF CONSTRUCTION (IBC 601)

Table with 3 columns: BUILDING ELEMENT, TYPE OF CONSTRUCTION, FIRE RESISTANCE RATING. Lists elements like PRIMARY STRUCTURAL FRAME, BEARING EXTERIOR WALL, etc.

\* EXCEPT AS REQUIRED FOR OCCUPANCY SEPARATION, PROTECTION FROM HAZARDS, AND OTHER PASSIVE FIRE PROTECTION.
\*\* EXCEPT AS REQUIRED FOR BUILDING SEPARATION.
\*\*\* EXCEPT AS REQUIRED TO SUPPORT HORIZONTAL ASSEMBLY (IBC 711.2)

3. CLASSIFICATION OF OCCUPANCY

Table with 4 columns: AREAS, OCCUPANCY\*, IBC, NFPA 101. Lists DRYDOCK AREA with MODERATE-HAZARD FACTORY INDUSTRIAL, GROUP F-1/SPECIAL-PURPOSE INDUSTRIAL.

\* FIRST ITEM IS IBC DESIGNATION, SECOND ITEM IS NFPA 101 DESIGNATION.

4. BUILDING ALLOWABLE AREA (IBC 506)

Table with 3 columns: OCCUPANCY, ALLOWABLE AREA (SF), ACTUAL AREA (SF). Lists F-1 with UNLIMITED\* and 78,419.

\* THE DRY DOCK IS CONSIDERED A SPECIAL INDUSTRIAL OCCUPANCY IN ACCORDANCE WITH IBC SECTION 503.1.1 AND NOT SUBJECT TO AREA LIMITATIONS SPECIFIED IN SECTIONS 506.

5. BUILDING ALLOWABLE HEIGHT (IBC 504)

Table with 3 columns: OCCUPANCY, ALLOWABLE HEIGHT (FT / STORY), ACTUAL HEIGHT (FT / STORY). Lists F-1 with UNLIMITED\* and 77 / 1 BELOW GRADE.

\* THE DRY DOCK IS CONSIDERED A SPECIAL INDUSTRIAL OCCUPANCY IN ACCORDANCE WITH IBC SECTION 503.1.1 AND NOT SUBJECT TO HEIGHT LIMITATIONS SPECIFIED IN SECTION 504.

6. PROTECTION FROM HAZARDS AND OTHER PASSIVE FIRE PROTECTION

Table with 3 columns: AREA, REQUIRED RATING, CODE. Lists SHAFT ENCLOSURE 3 STORIES OR LESS with 1 HR FIRE BARRIER and NFPA 101 SECTION 8.6.5.

7. BUILDING SEPARATION (IBC TABLE 705.5)

Table with 4 columns: OCCUPANCY, ELEVATION, RESTRICTIVE FIRE SEPARATION DISTANCE (FT)\*, FIRE RESISTIVE RATING OF EXTERIOR WALL. Lists F-1 with NORTH/SOUTH/WEST/EAST, X ≥ 10, and NO RATING.

\* IBC 202 DEFINITION - FIRE SEPARATION DISTANCE = DISTANCE FROM BUILDING'S FACE TO CLOSEST INTERIOR LOT LINE, CENTERLINE OF A STREET ALLEY OR PUBLIC WAY, OR IMAGINARY LINE BETWEEN TWO BUILDINGS.

8. OPENING PROTECTION FOR FIRE AND SMOKE RESISTIVE CONSTRUCTION

Table with 5 columns: COMPONENT, FIRE DOOR / SHUTTER ASSEMBLIES, DUCT PENETRATIONS, OTHER PENETRATIONS, IBC. Lists 1 HR FIRE BARRIER FOR SHAFT ENCLOSURE NOT USED FOR EGRESS.

9. OCCUPANT LOAD CALCULATIONS (NFPA 101)

Table with 6 columns: FLOOR, AREA, FUNCTION OF SPACE, AREA (SF), OCCUPANT LOAD FACTOR (SF/PERSON), OCCUPANTS\*. Lists GALLERY/TUNNEL and DRY DOCK FLOOR.

\* TO BE CONFIRMED BY SHIPYARD.

10. MINIMUM EXITS OR EXIT ACCESSES FROM A SPACE OR AREA (NFPA 101 AND UFC 4-213-10)

Table with 4 columns: AREA, CONDITION PERMITTING ONE EXIT, CONDITION REQUIRING TWO OR MORE EXITS, CODE SECTION. Lists GALLERY/TUNNEL and DRY DOCK FLOOR.

11. COMMON PATH, DEAD-END, AND TRAVEL DISTANCE LIMITS (NFPA 101)

Table with 4 columns: AREA, COMMON PATH LIMIT (FT), DEAD END LIMIT (FT), TRAVEL DISTANCE LIMIT (FT). Lists GALLERY/TUNNEL and DRY DOCK FLOOR.

\* AREAS CONSIDERED NORMALLY UNOCCUPIED BUILDING SERVICE EQUIPMENT SUPPORT AREAS PER NFPA 101, 7.14
\*\* DRY DOCK IS OPEN TO THE ATMOSPHERE AND CONSIDERED OPEN STRUCTURE. PER NFPA 101, 11.2.2.6, OPEN STRUCTURES ARE EXEMPT FROM THE TRAVEL DISTANCE LIMITATIONS IDENTIFIED IN NFPA 101.

12. MINIMUM EGRESS WIDTHS

Table with 4 columns: COMPONENT, REQUIREMENT, WIDTH (IN), NFPA 101. Lists DOORS IN EGRESS ACCESS, NEW STAIR IN EGRESS ACCESS, EGRESS COMPONENTS OTHER THAN STAIR, STAIRWAYS.

13. MINIMUM INTERIOR FINISH RATINGS (NFPA 101, TABLE A.10.2.2)

Table with 4 columns: OCCUPANCY, EXITS, EXIT ACCESS CORRIDORS, OTHER SPACES. Lists INDUSTRIAL with CLASS C, N/A, and CLASS C.

14. FIRE SUPPRESSION REQUIREMENTS (UFC 3-600-01 9-7, 9-10, 9-17)

Table with 3 columns: SPRINKLERS, STANDPIPE, FIRE EXTINGUISHERS. Lists WET-PIPE SPRINKLERS PROVIDED THROUGHOUT UTILITY TUNNELS PER UFC 3-600-01, 4-26.3.2, PROVIDED IN DRY DOCK, and N/A.

15. FIRE ALARM REQUIREMENTS (UFC 3-600-01 9-18, NAVSEA 8010)

Table with 3 columns: MANUAL INITIATION, AUTOMATIC INITIATION, OCCUPANT NOTIFICATION. Lists TEMPORARY MANUAL FIRE ALARM PULL STATIONS PROVIDED AT EXITS AT DRY DOCK FLOOR, FLOW AND TAMPER SWITCHES FOR SPRINKLER SYSTEM, HEAT DETECTION AND SMOKE DETECTION FOR IN-HULL (GOVERNMENT FURNISHED GOVERNMENT INSTALLED), and NOTIFICATION FOR IN-HULL (GOVERNMENT FURNISHED GOVERNMENT INSTALLED).

16. SMOKE MANAGEMENT SYSTEMS (UFC 3-600-01 7-5, 9-20)

Table with 3 columns: SMOKE CONTROL SYSTEM, SMOKE AND HEAT VENTS, PASSIVE SMOKE MANAGEMENT. Lists NOT REQUIRED, NOT REQUIRED, and NOT REQUIRED.

Vertical sidebar containing logos (NAVAC, PRELIMINARY CONSTRUCTION), contact info (PACIFIC JV), and project details (NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND, NAVAC PACIFIC, PEARL HARBOR NAVAL SHIPYARD & IMF, MAKALAPA, HAWAII, DRY DOCK 3 REPLACEMENT, LIFE SAFETY CODE ANALYSIS - DRY DOCK).

1. APPLICABLE CODES AND STANDARDS		
ABBREVIATIONS	TITLE	EDITION
IBC	INTERNATIONAL BUILDING CODE	2021
NFPA 1	FIRE CODE	2021
NFPA 10	STANDARD FOR PORTABLE FIRE EXTINGUISHERS	2018
NFPA 13	STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS	2019
NFPA 70	NATIONAL ELECTRICAL CODE	2020
NFPA 72	NATIONAL FIRE ALARM AND SIGNALING CODE	2019
NFPA 80	STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES	2019
NFPA 90A	STANDARD FOR THE INSTALLATION OF AIR-CONDITIONING AND VENTILATING SYSTEMS	2021
NFPA 101	LIFE SAFETY CODE	2021
NFPA 291	RECOMMENDED PRACTICE FOR FIRE FLOW TESTING AND MARKING OF HYDRANTS	2019
UFC 1-200-01	DOD BUILDING CODE	CHANGE 1, OCT 2020
UFC 3-520-05	STATIONARY AND MISSION BATTERIES	CHANGE 2, JAN 2020
UFC 3-600-01	DESIGN: FIRE PROTECTION ENGINEERING FOR FACILITIES	CHANGE 6, MAY 2021
UFC 4-010-01	DoD MINIMUM ANTITERRORISM STANDARDS FOR BUILDINGS	CHANGE 1, AUG 2020

2. TYPE OF CONSTRUCTION (IBC 601)			
BUILDING ELEMENT	TYPE OF CONSTRUCTION	FIRE RESISTANCE RATING	
PRIMARY STRUCTURAL FRAME	IIB	0 HR ***	
BEARING EXTERIOR WALL	IIB	0 HR **	
BEARING INTERIOR WALL	IIB	0 HR *	
NON-BEARING EXTERIOR WALL	IIB	0 HR **	
NON-BEARING INTERIOR WALL	IIB	0 HR *	
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	IIB	0 HR *	
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	IIB	0 HR	

\* EXCEPT AS REQUIRED FOR OCCUPANCY SEPARATION, PROTECTION FROM HAZARDS, AND OTHER PASSIVE FIRE PROTECTION.  
 \*\* EXCEPT AS REQUIRED FOR BUILDING SEPARATION.  
 \*\*\* EXCEPT AS REQUIRED TO SUPPORT HORIZONTAL ASSEMBLY (IBC 711.2)

3. CLASSIFICATION OF OCCUPANCY			
AREAS	OCCUPANCY*	IBC	NFPA 101
PUMPHOUSE	MODERATE-HAZARD FACTORY INDUSTRIAL, GROUP F-1 / GENERAL INDUSTRIAL	306.2	6.1.12

\* FIRST ITEM IS IBC DESIGNATION, SECOND ITEM IS NFPA 101 DESIGNATION.

4. MODIFIED ALLOWABLE AREA FOR NONSEPARATED OCCUPANCIES (TABLE 506.2)			
OCCUPANCY	*ALLOWABLE AREA (SF)	FRONTAGE INCREASE (SF)	MODIFIED ALLOWABLE AREA (SF)
F-1	62,000	11,625	73,625

\* ALLOWABLE AREA FOR A SPRINKLERED BUILDING.

5. MODIFIED ALLOWABLE HEIGHT (IBC 504)			
OCCUPANCY	RESTRICTING ALLOWABLE HEIGHT (FT / STORY)	SPRINKLER INCREASE (FT / STORY)	MODIFIED ALLOWABLE HEIGHT (FT / STORY)
F-1	55 / 2	20 / 1	75 / 3

6. PROTECTION FROM HAZARDS AND OTHER PASSIVE FIRE PROTECTION		
AREA	REQUIRED RATING	CODE
CORRIDOR	0 HOUR BARRIER	NFPA 101 SECTION 40.3.6
BATTERY ROOM	1 HR FIRE BARRIER	NFPA 1 SECTION 52.2.2.3.3, UFC 3-520-05 SECTION 2-1.2

7. BUILDING SEPARATION (IBC TABLE 705.5)			
OCCUPANCY	ELEVATION	RESTRICTIVE FIRE SEPARATION DISTANCE (FT)*	FIRE RESISTIVE RATING OF EXTERIOR WALL
F-1	NORTH/SOUTH/WEST/EAST	X ≥ 10	NO RATING

\* IBC 202 DEFINITION - FIRE SEPARATION DISTANCE = DISTANCE FROM BUILDING'S FACE TO CLOSEST INTERIOR LOT LINE, CENTERLINE OF A STREET ALLEY OR PUBLIC WAY, OR IMAGINARY LINE BETWEEN TWO BUILDINGS.

8. OPENING PROTECTION FOR FIRE AND SMOKE RESISTIVE CONSTRUCTION				
COMPONENT	FIRE DOOR / SHUTTER ASSEMBLIES	DUCT PENETRATIONS	OTHER PENETRATIONS	IBC
1 HR FIRE BARRIER	3/4 HR	1-1/2 HR FIRE DAMPER ONLY ON AIR TRANSFER OPENINGS	1 HR	716.1, 717.5.2

9. OCCUPANT LOAD CALCULATIONS (NFPA 101, UFC 3-600-01)					
FLOOR	AREA	FUNCTION OF SPACE	AREA (SF)	OCCUPANT LOAD FACTOR (SF/PERSON)	OCCUPANTS
1	OFFICES, BATHROOMS	BUSINESS AREA	739	150	5
1	LOCKER ROOM	LOCKER ROOM	293	50	6
1	ELECTRICAL ROOM, MECHANICAL PUMP ROOM	OTHER BUILDING EQUIPMENT SPACES	6,086	500	13
1	JANITOR ROOM, STORAGE	STORAGE AREA	176	500	1
1	COMM ROOM	IT EQUIPMENT ROOM	240	300	1
1	BREAK ROOM	LESS CONCENTRATED ASSEMBLY USE	205	15	14

10. OCCUPANT LOAD SUMMARY AND MINIMUM EXITS FROM FLOOR				
FLOOR	GROSS AREA (SF)	OCCUPANTS	REQUIRED EXITS (NFPA 101)	REQUIRED EXIT SEPARATION (NFPA 101)
LEVEL 1	7,739	40	2 (7.4.1.1)	1/3 DIAGONAL (7.5.1.3.3)

11. MINIMUM EXITS OR EXIT ACCESSES FROM A SPACE OR AREA (NFPA 101)			
OCCUPANCY	CONDITION PERMITTING ONE EXIT	CONDITION REQUIRING TWO OR MORE EXITS	CODE SECTION
INDUSTRIAL	LESS THAN 100' COMMON PATH	100' OR GREATER COMMON PATH	TABLE 40.2.5.1

12. COMMON PATH, DEAD-END, AND TRAVEL DISTANCE LIMITS (NFPA 101, TABLE A.7.6)			
OCCUPANCY	COMMON PATH LIMIT (FT)	DEAD END LIMIT (FT)	TRAVEL DISTANCE LIMIT (FT)
GENERAL INDUSTRIAL	100	50	250

13. MINIMUM EGRESS WIDTHS			
COMPONENT	REQUIREMENT	WIDTH (IN)	NFPA 101
DOORS IN EGRESS ACCESS	PER COMPONENT	32	SECTION 7.2.1.2.3.2
CORRIDOR SERVING LESS THAN 50 OCCUPANTS	MINIMUM	36	SECTION 7.3.4
EGRESS COMPONENTS OTHER THAN STAIR	PER PERSON	0.2	TABLE 7.3.3.1




14. MINIMUM INTERIOR FINISH RATINGS (NFPA 101, TABLE A.10.2.2)			
OCCUPANCY	EXITS	EXIT ACCESS CORRIDORS	OTHER SPACES
INDUSTRIAL	CLASS C	CLASS C	CLASS C

15. FIRE SUPPRESSION REQUIREMENTS (UFC 3-600-01 9-7, 9-10, 9-17)		
SPRINKLERS	STANDPIPE	FIRE EXTINGUISHERS
SPRINKLERS PROVIDED THROUGHOUT	NOT REQUIRED	REQUIRED PER UFC 3-600-01 SECTION 9-17

16. FIRE ALARM REQUIREMENTS (UFC 3-600-01 9-18)		
MANUAL INITIATION	AUTOMATIC INITIATION	OCCUPANT NOTIFICATION
MANUAL FIRE ALARM PULL STATIONS PROVIDED AT EXITS	FLOW AND TAMPER SWITCHES, SPOT SMOKE DETECTORS AT ALARM PANELS AND DUCT SMOKE DETECTORS PROVIDED	HORNS, CLEAR LENS STROBES FOR FIRE ALARM

17. FIRE EXTINGUISHER DISTRIBUTION (NFPA 10)				
OCCUPANCY	PRIMARY CLASSIFICATION OF FIRE AND HAZARD	MINIMUM RATING	MAXIMUM FLOOR AREA PER A (SF)	MAX TRAVEL DISTANCE (FT)
ALL AREAS	CLASS A AND C - ORDINARY	2A	1,500	75

18. SMOKE MANAGEMENT SYSTEMS (UFC 3-600-01 7-5, 9-20)		
SMOKE CONTROL SYSTEM	SMOKE AND HEAT VENTS	PASSIVE SMOKE MANAGEMENT
NOT REQUIRED	NOT REQUIRED	NOT REQUIRED

DATE	
DESCRIPTION	
	
	
	
1000 STREET, SUITE 2450 PEARL HARBOR, HAWAII 96813 (808) 533-7000	
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	
SATISFACTORY TO DATE	
DES APL	DRW HJC
CHK APM	
PM/DM	
BRANCH MANAGER	
CHIEF ENGINEER	
FIRE PROTECTION	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND NAVFAC PACIFIC PEARL HARBOR NAVAL SHIPYARD & IMF MAKALAPA, HAWAII <b>DRY DOCK 3 REPLACEMENT</b> LIFE SAFETY CODE ANALYSIS - DEWATERING PUMPHOUSE	
SCALE:	AS NOTED
EPROJECT NO.:	1676443
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	
SHEET	OF
<b>GI002</b>	

ROUTED: 02/2021 10:38:49 AM

FILENAME: C:\Revit\_Proj\mshd\052020\1676443-CWP\1676443.dwg

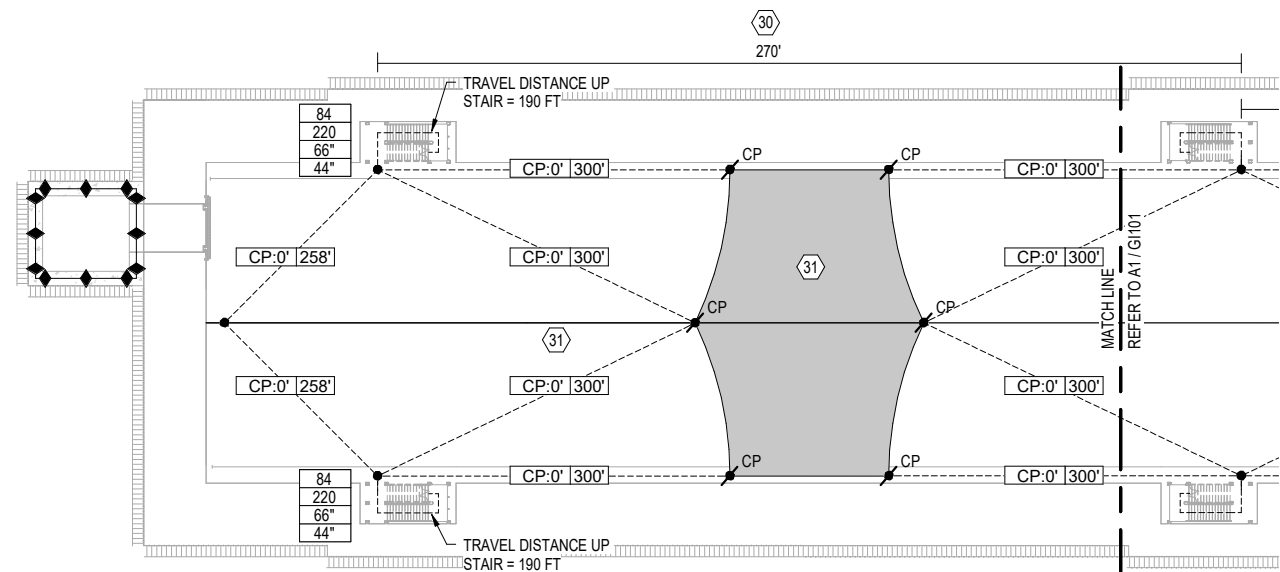
1

2

3

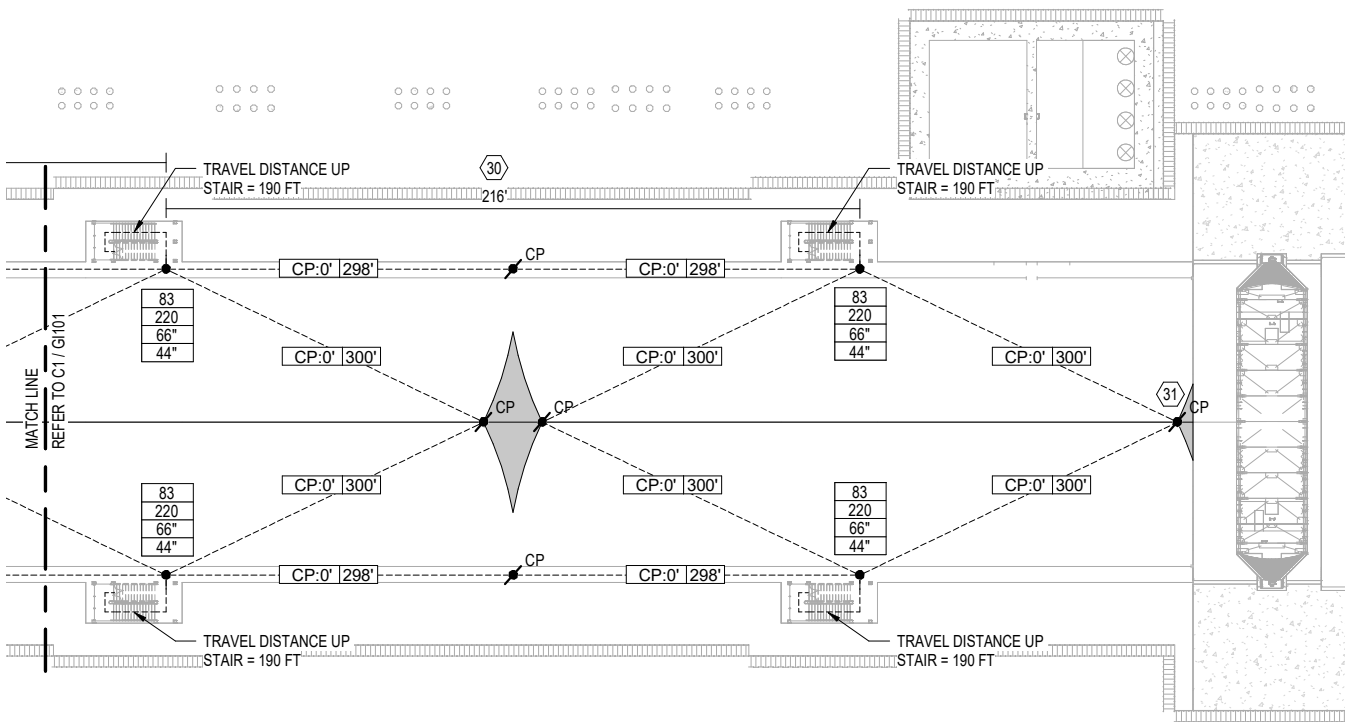
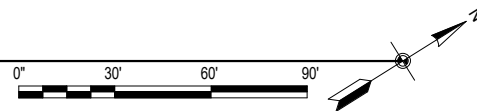
4

5



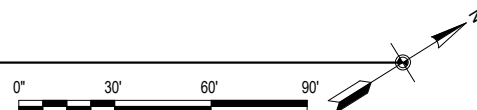
**C1 LIFE SAFETY PLAN - DRY DOCK FLOOR - WEST**

1" = 30'-0"



**A1 LIFE SAFETY PLAN - DRY DOCK FLOOR - EAST**

1" = 30'-0"



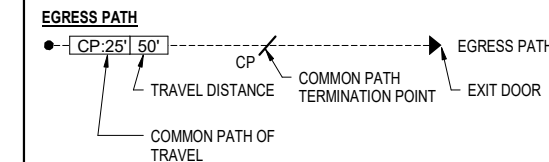
**SHEET NOTES**

- 1 REFER TO G1001 FOR LIFE SAFETY NARRATIVE AND BUILDING CODE ANALYSIS.
- 2 REFER TO ELECTRICAL LIGHTING PLANS FOR LOCATIONS OF EXIT SIGNS AND EMERGENCY LIGHTING.
- 3 REFER TO FIRE SUPPRESSION AND ALARM PLANS FOR LOCATIONS OF FIRE PROTECTION DEVICES.
- 4 FINAL LOCATIONS OF FIRE EXTINGUISHER AND HOSE REELS MUST BE APPROVED BY THE AHJ PRIOR TO INSTALLATION.
- 5 DRY DOCK OCCUPANCY - NONSPRINKLED SPECIAL-PURPOSE INDUSTRIAL (NFPA 101, 3.3.198.8.3) THE DRY DOCK IS CONSIDERED AN OPEN STRUCTURE PER NFPA 101, 3.3.284.7. PER NFPA 101, 11.2.2.6. OPEN STRUCTURES ARE EXEMPT FROM THE TRAVEL DISTANCE LIMITATIONS IDENTIFIED IN NFPA 101.  
  
PROVIDED COMMON PATH FOR DRY DOCK (FT) - 0  
PROVIDED DEAD END (FT) - N/A  
PROVIDED TRAVEL DISTANCE OUT OF DRY DOCK (FT) - AS NOTED ON DRAWINGS.
- 6 PER UFC 4-213-10 SECTION 8-1.4 THE DRY DOCK STAIR LOCATIONS ARE REQUIRED TO COMPLY WITH THE FOLLOWING:  
-ONE STAIRWAY FROM COPING TO DRY DOCK FLOOR ON EACH SIDE OF THE DOCK AT THE HEAD END.  
-ONE STAIRWAY FROM COPING TO DRY DOCK FLOOR ON EACH SIDE OF THE DOCK AT THE CAISSON END.  
-SPACING BETWEEN STAIRWAYS ALONG EACH SIDE OF THE DOCK MUST NOT EXCEED 300 FT.  
THE DRY DOCK STAIRS COMPLY WITH THESE REQUIREMENTS.

**SHEET KEYNOTES**

- 30 DISTANCE BETWEEN STAIRS LESS THAN 300 FEET PER UFC 4-213-10.
- 31 FOR REFERENCE ONLY: HIGHLIGHTED ON THE FLOOR PLANS ARE THE AREAS OF THE DRY DOCK WHERE THE TRAVEL DISTANCE IS GREATER THAN 300 FT.

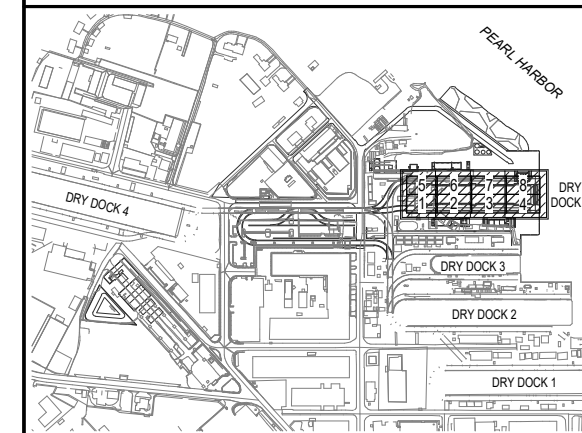
**LIFE SAFETY LEGEND**



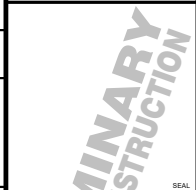
DOOR EGRESS TAG		STAIR EGRESS TAG	
78	OCCUPANTS SERVED	132	
180	EXIT CAPACITY	180	
32	REQUIRED WIDTH	44"	
36	PROVIDED WIDTH	54"	



**DRY DOCK 5 KEY PLAN**



NO.	DATE	DESCRIPTION



APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES APL DRW HJC CHK APM

PM/DM

BRANCH MANAGER

CHIEF ENGINEER

FIRE PROTECTION

NAVFAC PACIFIC

PEARL HARBOR NAVAL SHIPYARD & IMF

MAKALAPA, HAWAII

DRY DOCK 3 REPLACEMENT

LIFE SAFETY PLANS - DRY DOCK FLOOR

DEPARTMENT OF THE NAVY

NAVFAC PACIFIC

NAVFAC DRAWING NO.

SHEET

OF

G101

SCALE: AS NOTED

EPROJECT NO.: 1676443

CONSTR. CONTR. NO.

NAVFORM REVISION: 25 AUGUST 2009

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

1

2

3

4

5

1

2

3

4

5

D

C

B

A

D

C

B

A

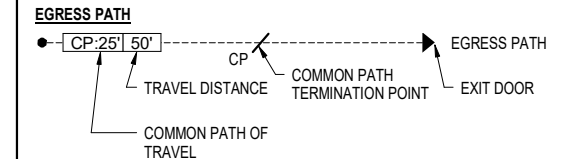
### SHEET NOTES

- REFER TO G1001 FOR LIFE SAFETY NARRATIVE AND BUILDING CODE ANALYSIS.
- REFER TO ELECTRICAL LIGHTING PLANS FOR LOCATIONS OF EXIT SIGNS AND EMERGENCY LIGHTING.
- REFER TO FIRE SUPPRESSION AND ALARM PLANS FOR LOCATIONS OF FIRE PROTECTION DEVICES.
- FINAL LOCATIONS OF FIRE EXTINGUISHER AND HOSE REELS MUST BE APPROVED BY THE AHJ PRIOR TO INSTALLATION.

### LIFE SAFETY LEGEND

**OCCUPANT LOAD LEGEND**

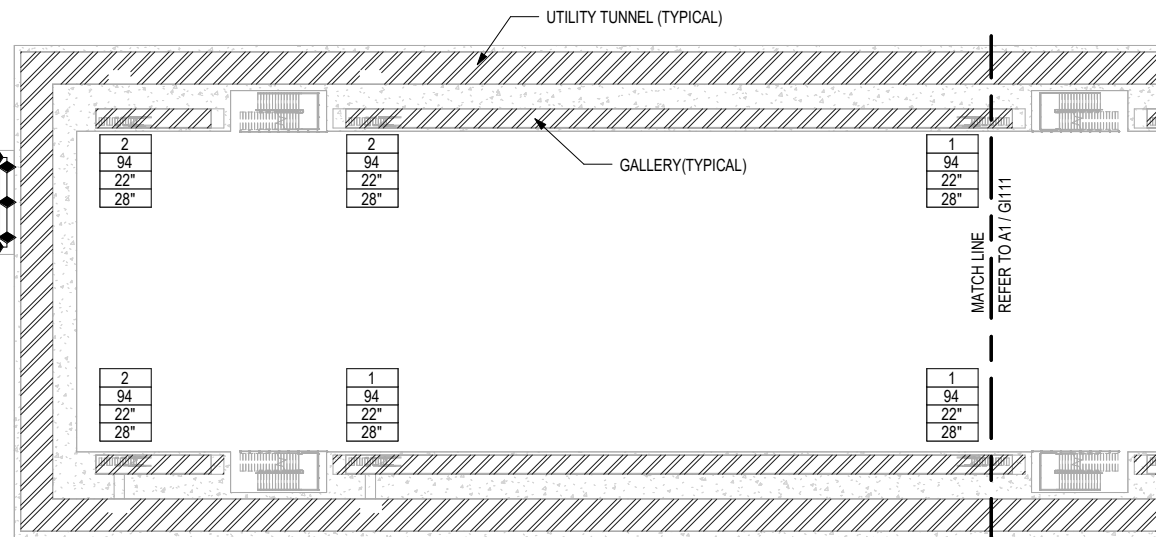
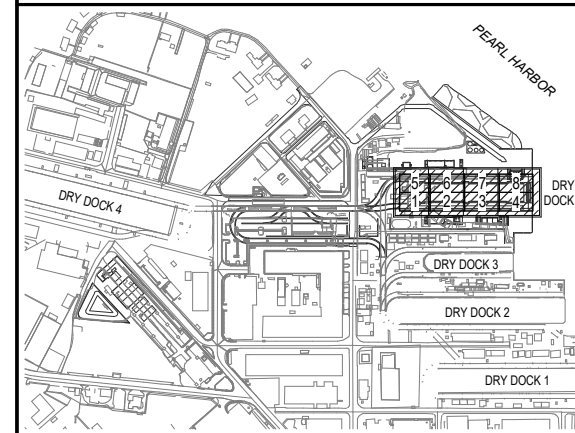
	NORMALLY UNOCCUPIED BUILDING SERVICE EQUIPMENT SUPPORT AREAS	EQUIPMENT ACCESS LIMITED TO 20 PEOPLE PER NFPA 101, 40.2.5.3.2
--	--	--



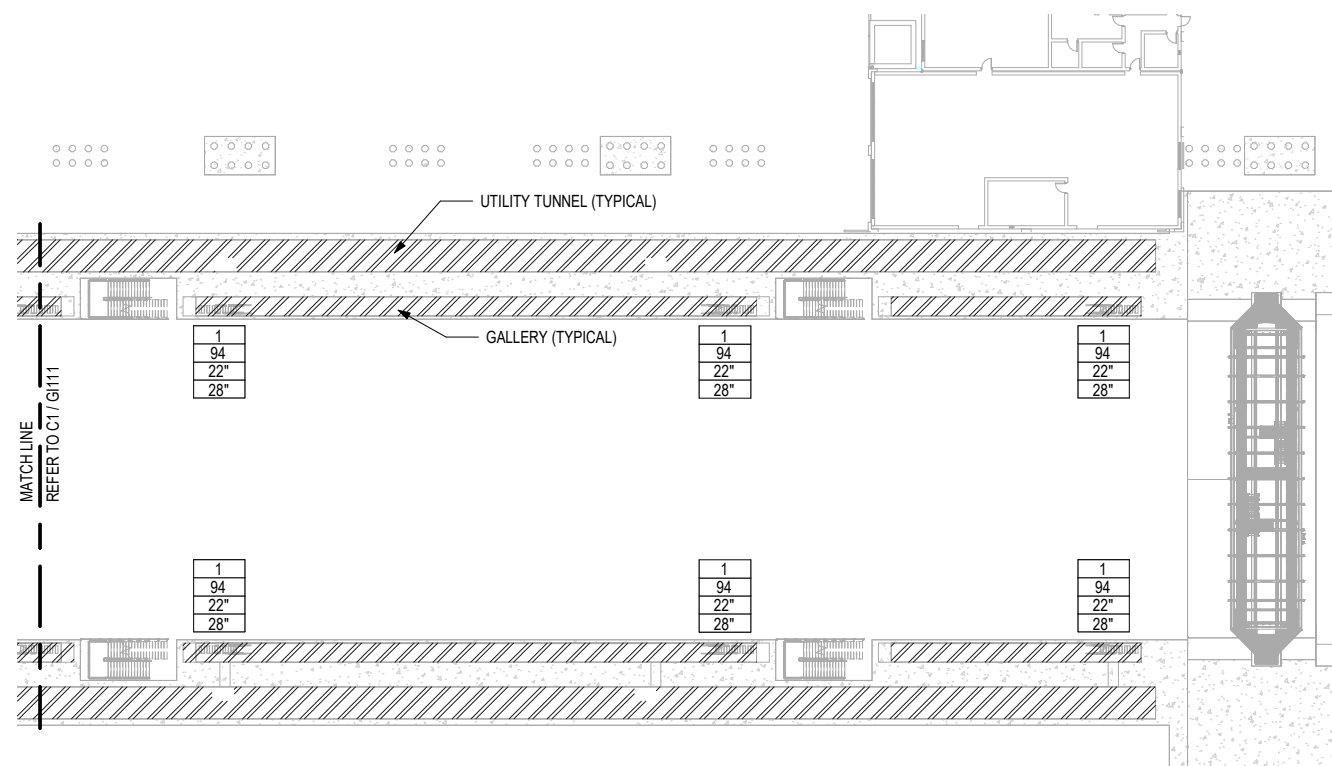
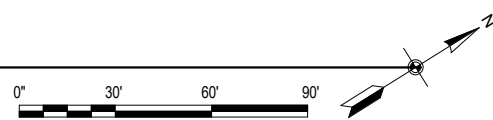
DOOR EGRESS TAG		STAIR EGRESS TAG	
78	OCCUPANTS SERVED	132	OCCUPANTS SERVED
180	EXIT CAPACITY	180	EXIT CAPACITY
32"	REQUIRED WIDTH	44"	REQUIRED WIDTH
36"	PROVIDED WIDTH	54"	PROVIDED WIDTH



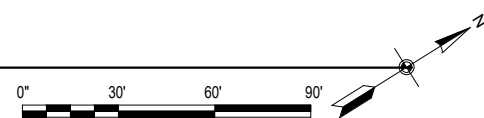
### DRY DOCK 5 KEY PLAN



**C1** LIFE SAFETY PLAN - GALLERY/TUNNEL - WEST  
1" = 30'-0"



**A1** LIFE SAFETY PLAN - GALLERY/TUNNEL - EAST  
1" = 30'-0"



APPROVED	DATE
FOR COMMANDER NAVFAC	
ACTIVITY	
SATISFACTORY TO DATE	
DES APL	DRW HJC
CHK APM	
PM/DM	
BRANCH MANAGER	
CHIEF ENGINEER	
FIRE PROTECTION	
DEPARTMENT OF THE NAVY	
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND	
NAVFAC PACIFIC	
PEARL HARBOR NAVAL SHIPYARD & IMF	
MAKALAPA, HAWAII	
DRY DOCK 3 REPLACEMENT	
LIFE SAFETY PLANS - GALLERY/TUNNEL	
SCALE: AS NOTED	
EPROJECT NO.: 1676443	
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	
SHEET OF	
<b>G111</b>	

1

2

3

4

5

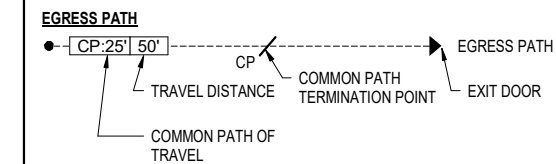
### SHEET NOTES

- 1 REFER TO G1001 FOR LIFE SAFETY NARRATIVE AND BUILDING CODE ANALYSIS.
- 2 REFER TO ELECTRICAL LIGHTING PLANS FOR LOCATIONS OF EXIT SIGNS AND EMERGENCY LIGHTING.
- 3 REFER TO FIRE SUPPRESSION AND ALARM PLANS FOR LOCATIONS OF FIRE PROTECTION DEVICES.
- 4 FINAL LOCATIONS OF FIRE EXTINGUISHER AND HOSE REELS MUST BE APPROVED BY THE AHJ PRIOR TO INSTALLATION.

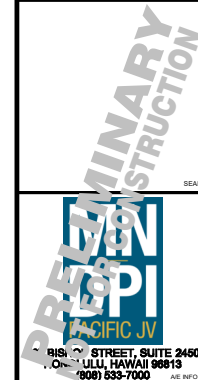
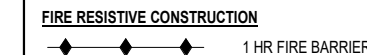
### SHEET KEYNOTES

- 32 DEWATERING PUMPHOUSE. REFER TO SHEET G1131.

### LIFE SAFETY LEGEND



DOOR EGRESS TAG		STAIR EGRESS TAG	
78	OCCUPANTS SERVED	132	
180	EXIT CAPACITY	180	
32"	REQUIRED WIDTH	44"	
36"	PROVIDED WIDTH	54"	



APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES APL | DRW HJC | CHK APM

FM/DM

BRANCH MANAGER

CHIEF ENGINEER

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND

NAVFAC PACIFIC

PEARL HARBOR NAVAL SHIPYARD & IMF

MAKALAPA, HAWAII

DRY DOCK 3 REPLACEMENT

LIFE SAFETY PLANS - COPING LEVEL

SCALE: AS NOTED

PROJECT NO.: 1676443

CONSTR. CONTR. NO.

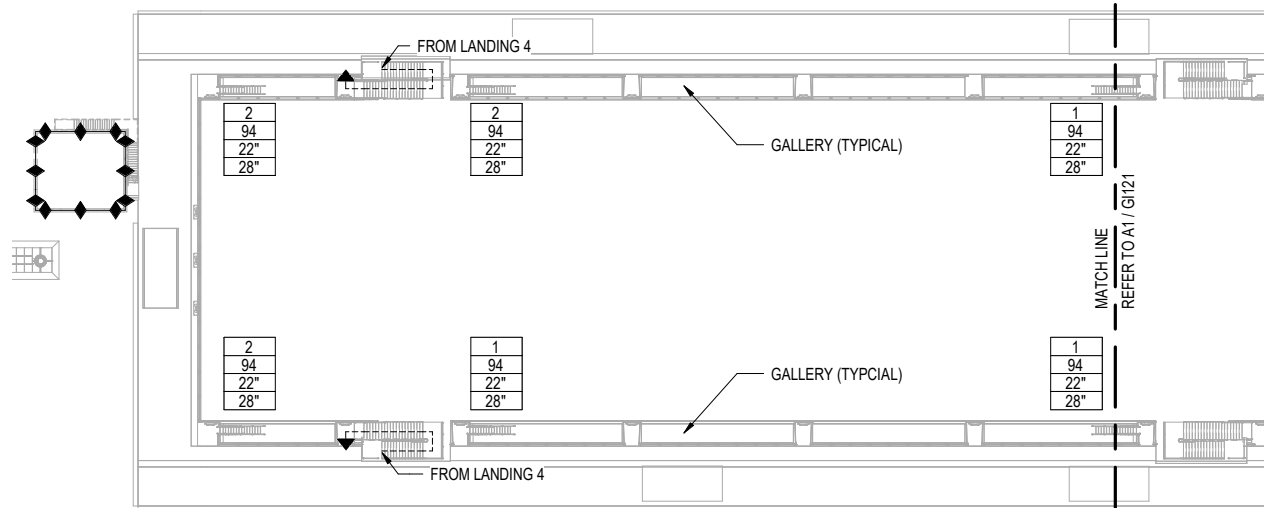
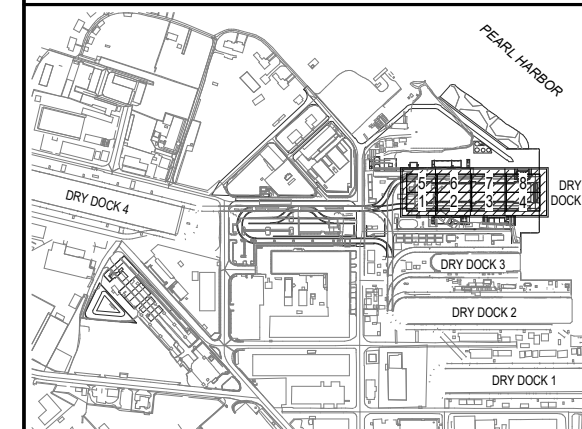
NAVFAC DRAWING NO.

SHEET OF

G1121

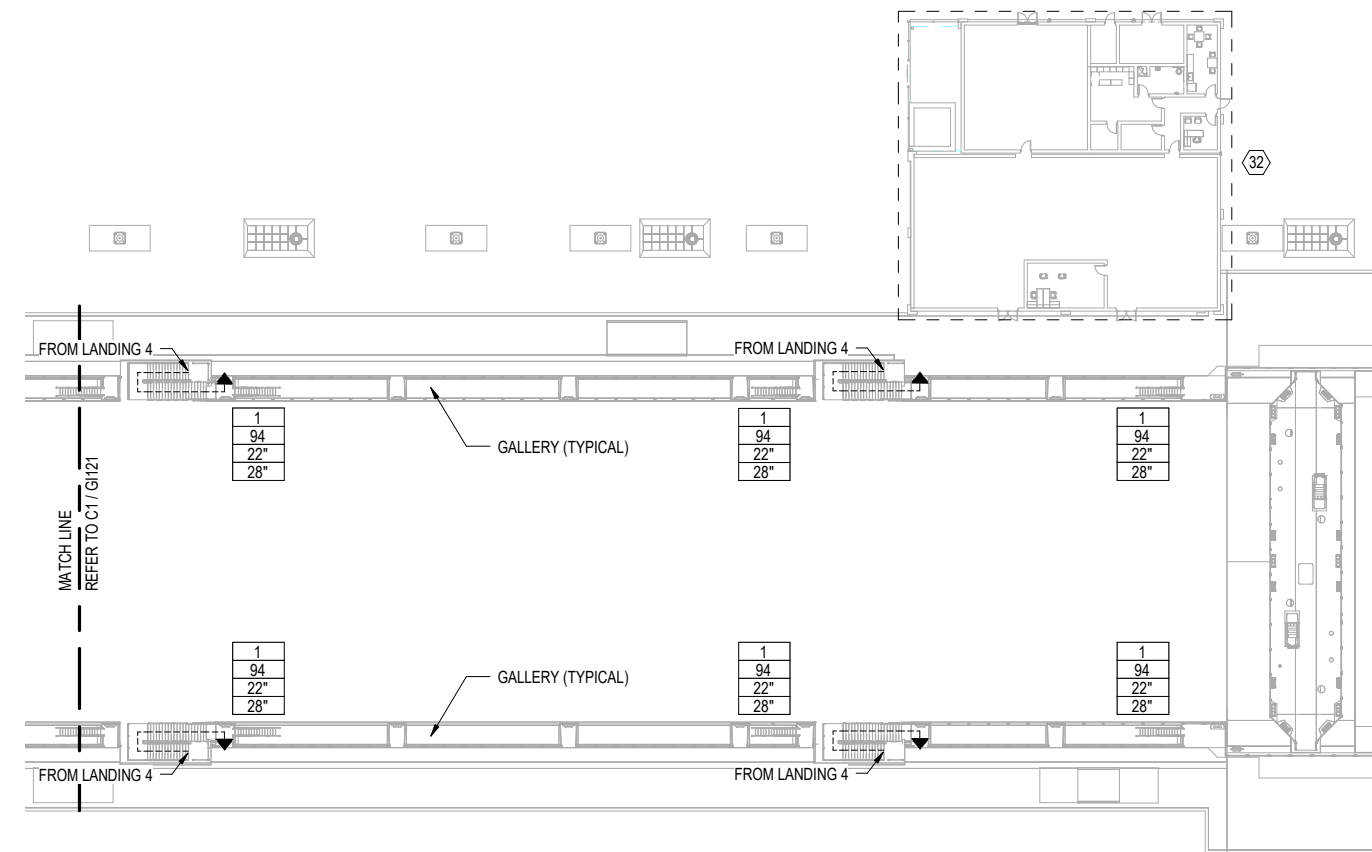
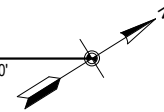
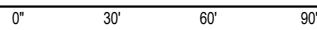
DRAWING REVISION: 25 AUGUST 2020

### DRY DOCK 5 KEY PLAN



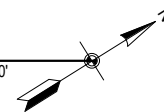
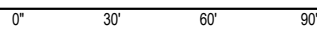
### C1 LIFE SAFETY PLAN - COPING LEVEL - WEST

1" = 30'-0"



### A1 LIFE SAFETY PLAN - COPING LEVEL - EAST

1" = 30'-0"



ROUTED: 06/27/2021 10:48:40 AM

FILENAME: C:\revd\_p\proj\dm\DRYDOCK3\1676443-CDS\_1676443.rvt

1

2

3

4

5

### SHEET NOTES

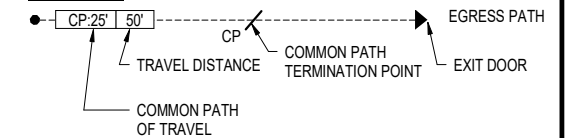
- REFER TO G1002 FOR LIFE SAFETY NARRATIVE AND BUILDING CODE ANALYSIS.
- REFER TO THE ELECTRICAL LIGHTING PLANS FOR LOCATION OF EXIT SIGNS AND EMERGENCY LIGHTING.
- REFER TO THE FIRE SUPPRESSION AND ALARM PLANS FOR LOCATION OF FIRE PROTECTION DEVICES.
- FINAL LOCATIONS OF FIRE EXTINGUISHERS SHALL BE APPROVED BY THE AHJ PRIOR TO INSTALLATION.

### LIFE SAFETY LEGEND

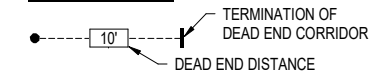
#### OCCUPANT LOAD LEGEND

[Pattern]	LESS CONCENTRATED ASSEMBLY USE	1 PERSON / 15 SF NET
[Pattern]	BUSINESS AREA	1 PERSON / 150 SF GROSS
[Pattern]	LOCKER ROOM	1 PERSON / 50 SF GROSS
[Pattern]	IT EQUIPMENT ROOM	1 PERSON / 300 SF GROSS
[Pattern]	OTHER EQUIPMENT SPACES	1 PERSON / 500 SF GROSS
[Pattern]	STORAGE AREA	1 PERSON / 500 SF GROSS

#### EGRESS PATH



#### DEAD END CORRIDOR



#### DOOR EGRESS TAG

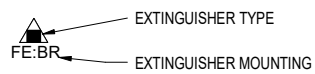
78	OCCUPANTS SERVED	132
180	EXIT CAPACITY	180
32"	REQUIRED WIDTH	44"
36"	PROVIDED WIDTH	54"

#### STAIR EGRESS TAG

#### FIRE AND SMOKE RESISTIVE CONSTRUCTION



#### PORTABLE FIRE EXTINGUISHERS



- FE: FIRE EXTINGUISHER
- SR: SEMI-RECESSED CABINET
- BR: BRACKET MOUNTED
- SM: SURFACE MOUNT CABINET

▲ A,B,C: TYPE DRY CHEMICAL  
2A:10B:C



1815 K STREET, SUITE 2450  
LULU, HAWAII 96813  
(808) 533-7000

APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES: APL | DWG: HJC | CHK: APM

PM/DM

BRANCH MANAGER

CHIEF ENGINEER

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND

NAVFAC PACIFIC

PEARL HARBOR NAVAL SHIPYARD & IMF

MAKALAPA, HAWAII

DRY DOCK 3 REPLACEMENT

LIFE SAFETY PLAN - DEWATERING PUMPHOUSE

DEPARTMENT OF THE NAVY

SCALE: AS NOTED

EPROJECT NO.: 1676443

CONSTR. CONTR. NO.

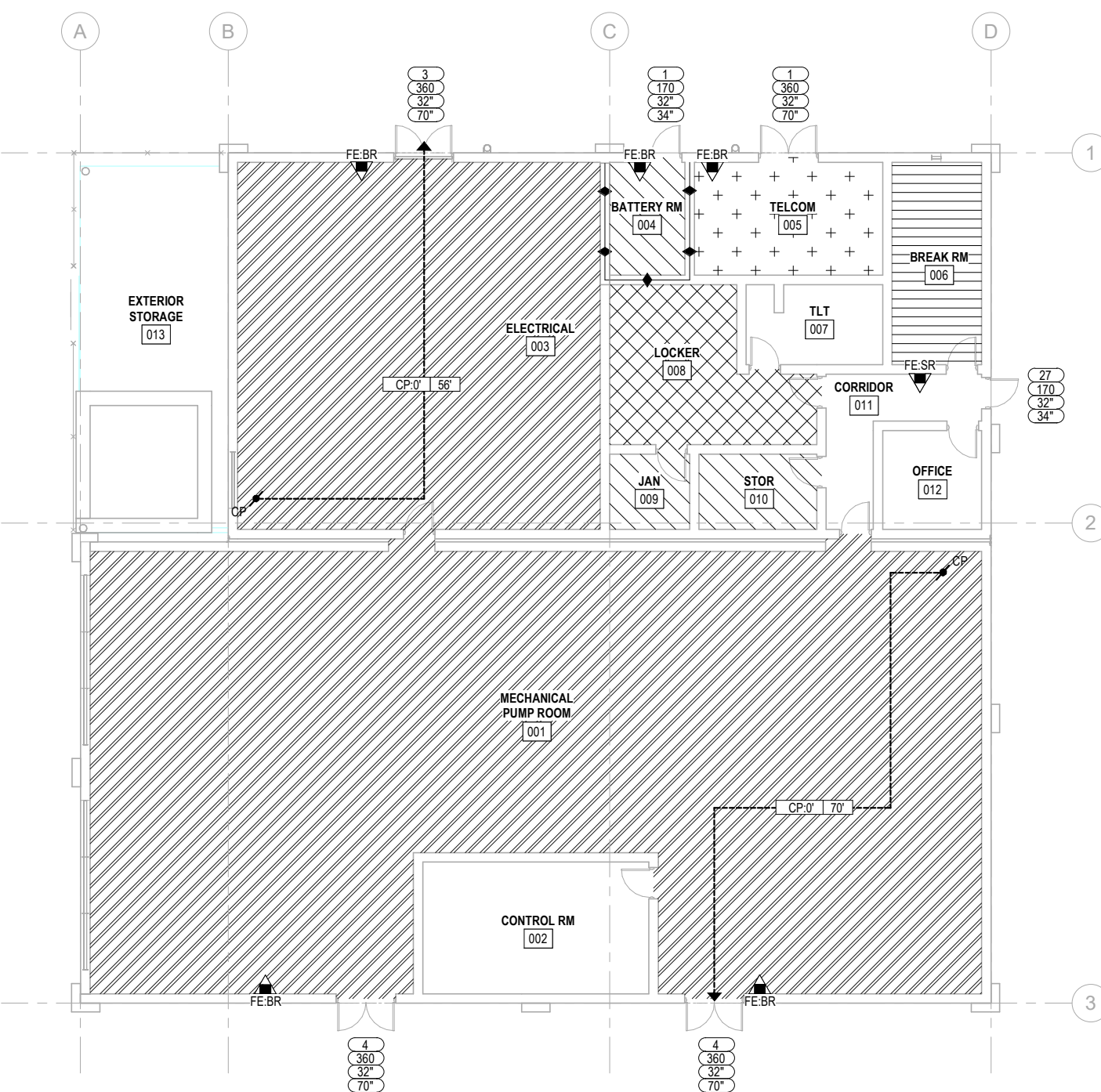
NAVFAC DRAWING NO.

SHEET OF

G1131

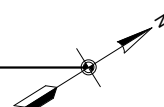
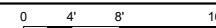
DRAWING REVISION: 25 AUGUST 2020

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING



### A1 LIFE SAFETY PLAN - DEWATERING PUMPHOUSE

1/8" = 1'-0"



1

2

3

4

5

PRE-DECISIONAL

35% SUBMITTAL - 3 JUNE 2021 (PACKAGE A)

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

1

2

3

4

5

### SHEET NOTES

1 DISTANCE BETWEEN LANDINGS: 15' 3"  
 DISTANCE FROM LANDING 5 TO COPING: 21' 9"  
 TOTAL DISTANCE FROM DRY DOCK FLOOR TO COPING LEVEL: 190'

DATE	DESCRIPTION



APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES APL DRW HJC CHK APM

PMDM

BRANCH MANAGER

CHIEF ENGINEER

FIRE PROTECTION

DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND

NAVFAC PACIFIC

PEARL HARBOR NAVAL SHIPYARD & IMF

MAKALAPA, HAWAII

DRY DOCK 3 REPLACEMENT

LIFE SAFETY PLANS - DRY DOCK STAIRCASE TRAVEL DISTANCE

SCALE: AS NOTED

EPROJECT NO.: 1676443

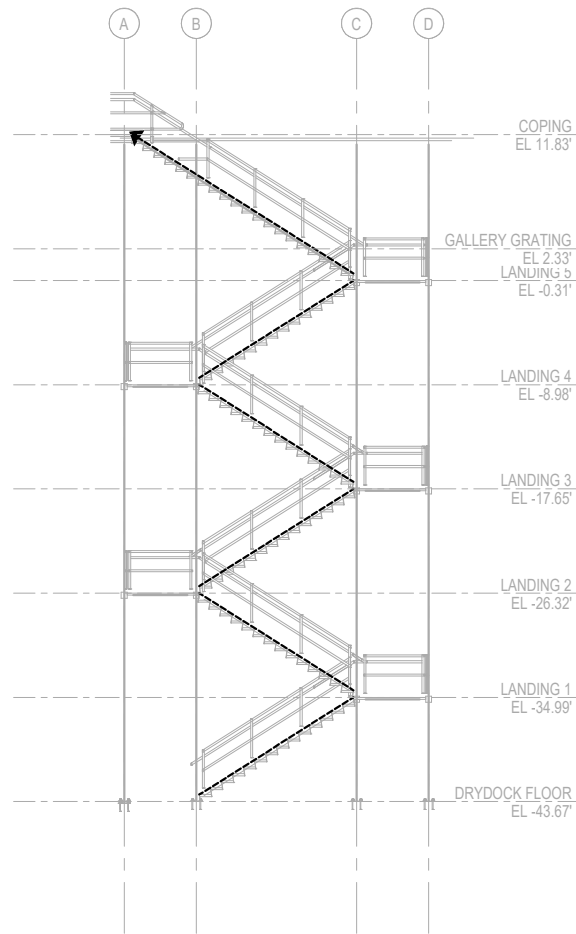
CONSTR. CONTR. NO.

NAVFAC DRAWING NO.

SHEET OF

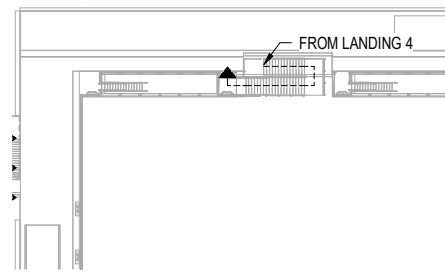
GI301

DRAWING REVISION: 25 AUGUST 2020



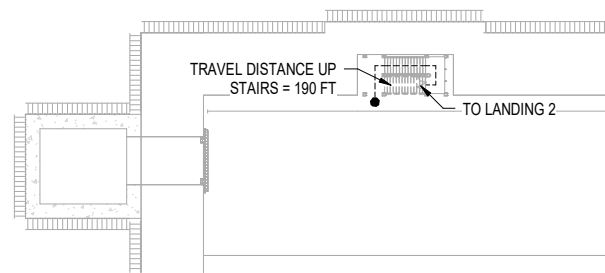
### C3 STAIRCASE - SOUTH

1/8" = 1'-0"



### C1 LIFE SAFETY PLAN - COPING LEVEL - STAIRCASE TRAVEL DISTANCE

1" = 30'-0"



### A1 LIFE SAFETY PLAN - DRY DOCK FLOOR - STAIRCASE TRAVEL DISTANCE

1" = 30'-0"



D

C

B

A

1

2

3

4

5

ROUTED: 6/27/2021 10:48:40 AM

FILENAME: C:\Revit\_Proyect\017345\FAC-CDS\_1676443.rvt

1

2

3

4

5

D

C

B

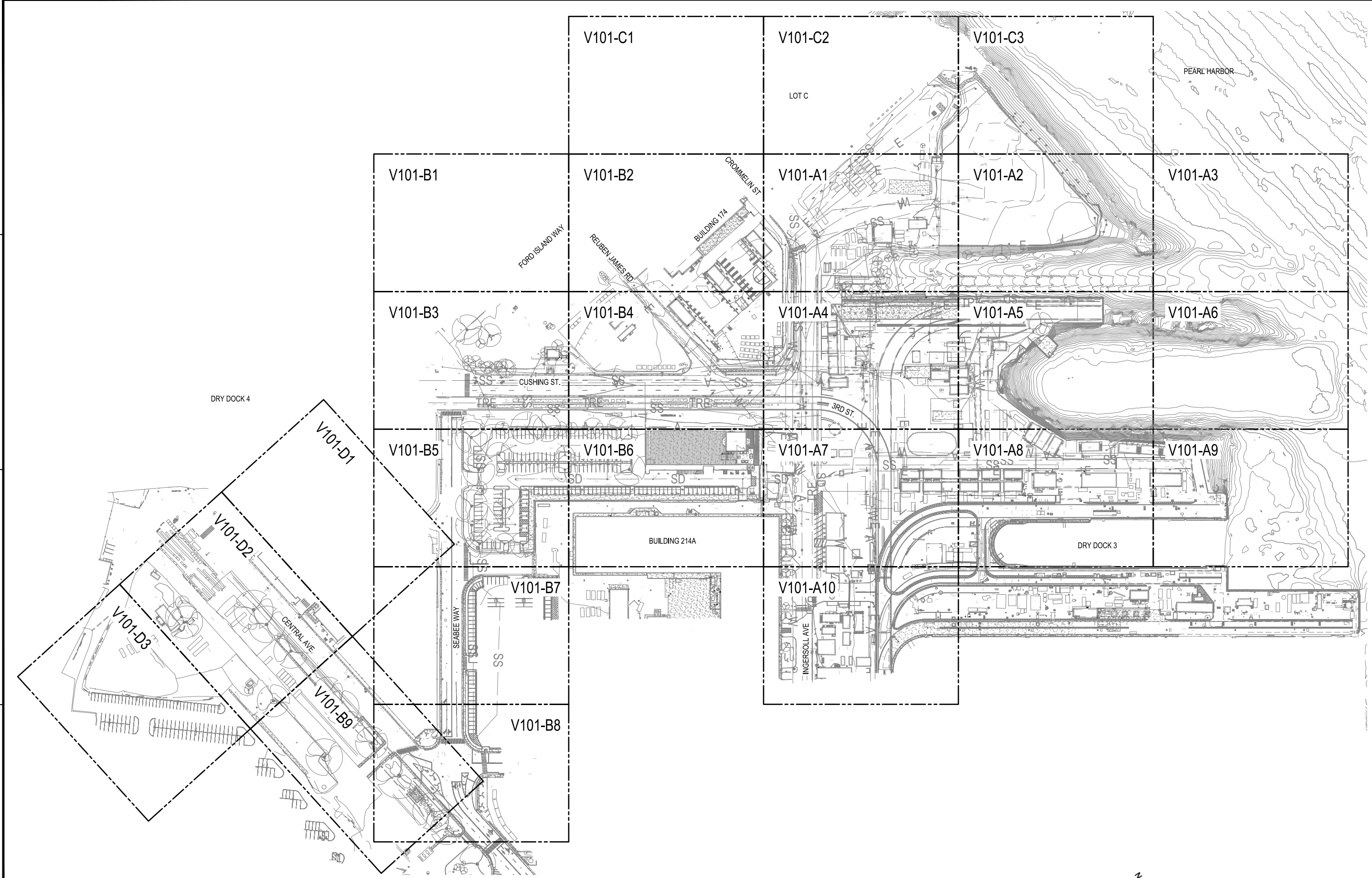
A

D

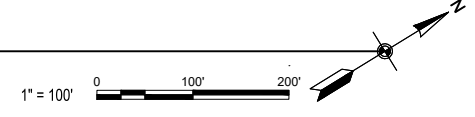
C

B

A



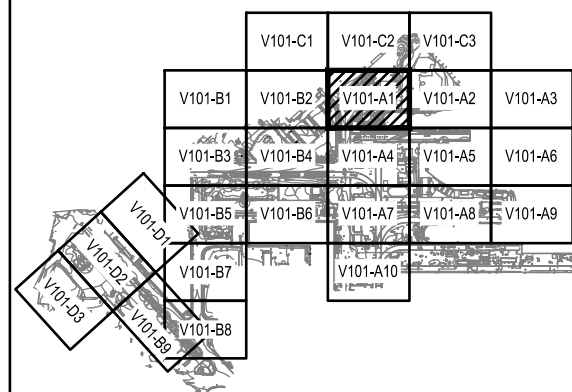
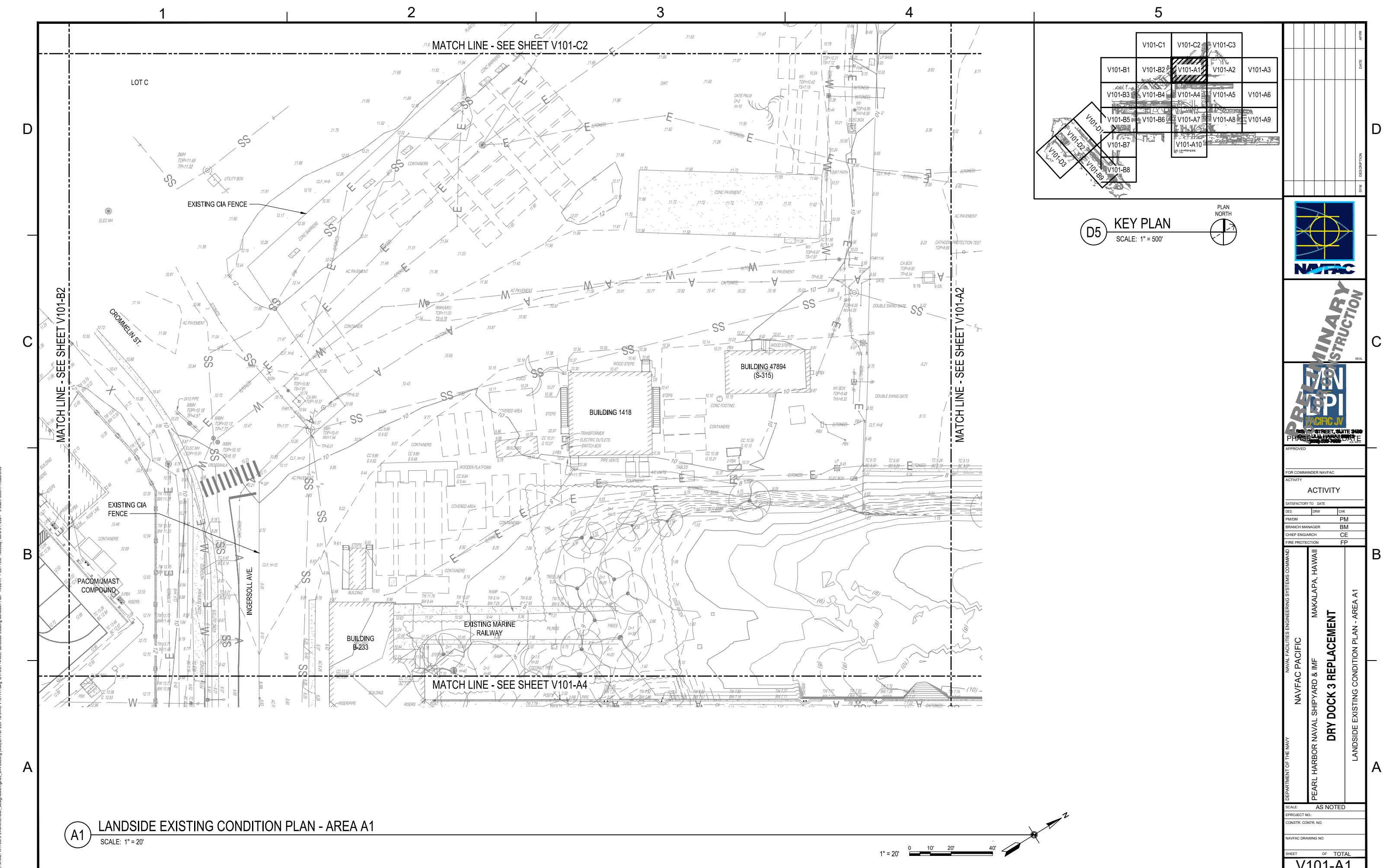
**A1** OVERALL LANDSIDE EXISTING CONDITIONS PLAN  
 SCALE: 1" = 100'



AA	DATE	APP'R
A	2021.05.14	
SYN	DESCRIPTION	
APPROVED FOR COMMANDER NAVFAC		
ACTIVITY		
SATISFACTORY TO DATE		
DES	DRW	CHK
PM/DM		PM
BRANCH MANAGER		BM
CHIEF ENGINEER		CE
FIRE PROTECTION		FP
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND NAVFAC PACIFIC PEARL HARBOR NAVAL SHIPYARD & IMF MAKALAPA, HAWAII <b>DRY DOCK 3 REPLACEMENT</b> OVERALL LANDSIDE EXISTING CONDITIONS PLAN		
SCALE: AS NOTED		
PROJECT NO.:		
CONSTR. CONTR. NO.:		
NAVFAC DRAWING NO.:		
SHEET OF TOTAL		
<b>V101</b>		

FILE NAME: W:\1053\4\0\0\CADD\design\dwg\03\_overall\_existing\03\_overall\_existing.dwg; LAYOUT NAME: Overall Landside Existing Conditions Plan; PLOTTED: Tuesday, June 01, 2021 - 9:05am; USER: R0246903

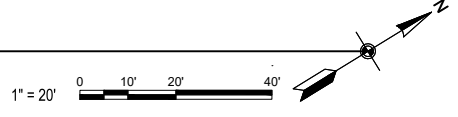




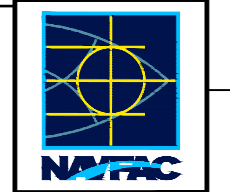
**(D5) KEY PLAN**  
SCALE: 1" = 500'



**(A1) LANDSIDE EXISTING CONDITION PLAN - AREA A1**  
SCALE: 1" = 20'



REV	DESCRIPTION	DATE	APP'D



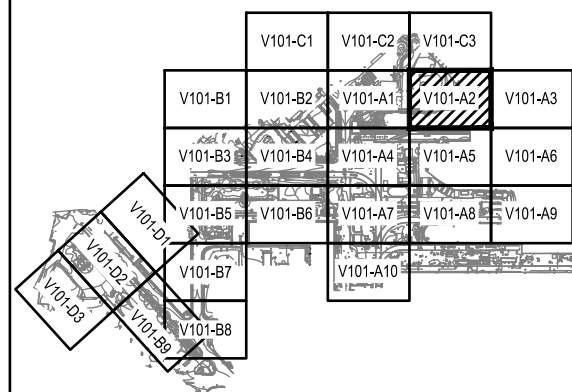
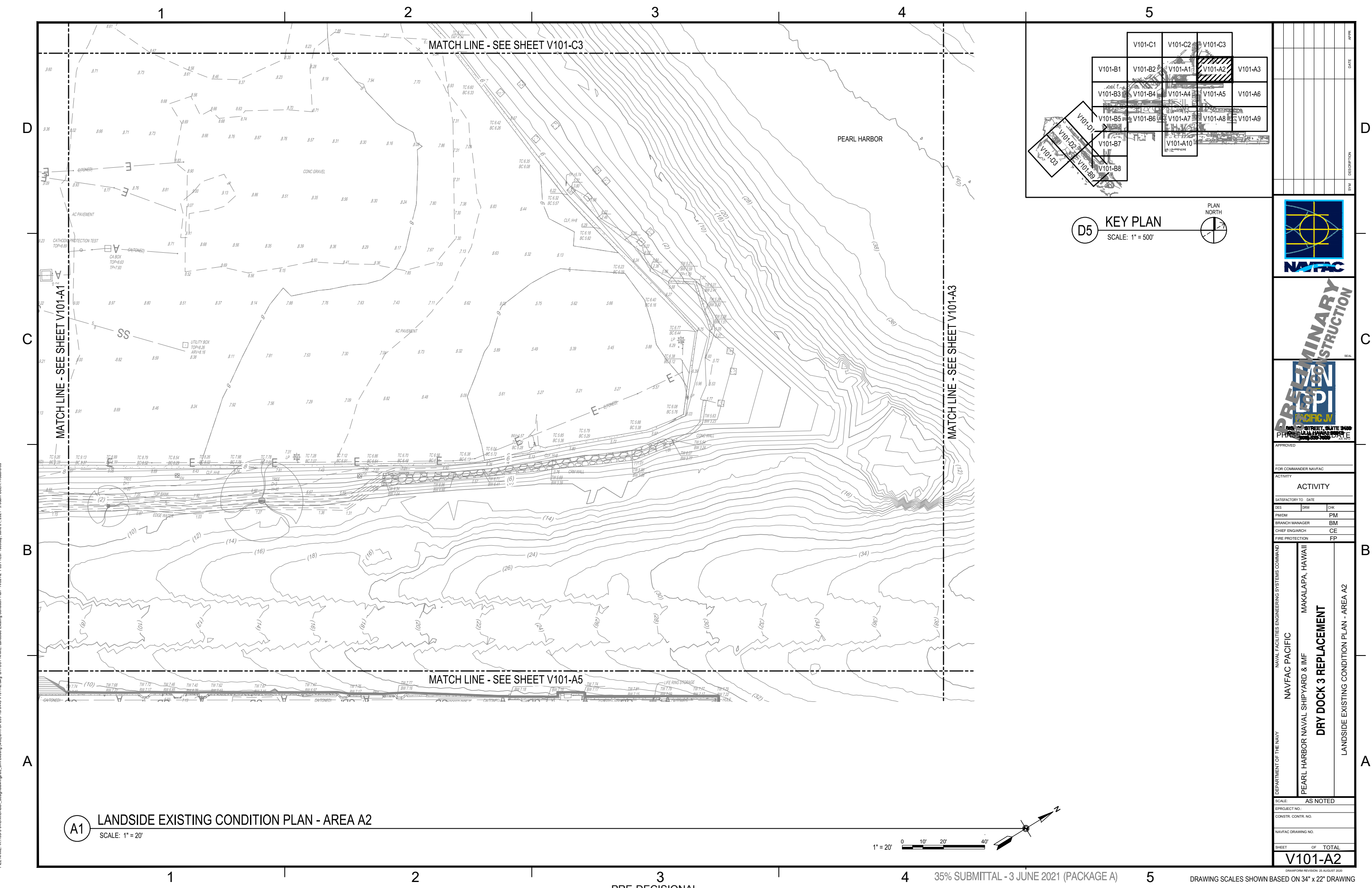
APPROVED FOR COMMANDER NAVFAC

ACTIVITY	
SATISFACTORY TO DATE	
DES	CHK
PM/DM	PM
BRANCH MANAGER	BM
CHIEF ENGINEER	CE
FIRE PROTECTION	FP

DEPARTMENT OF THE NAVY  
NAVFAC PACIFIC  
PEARL HARBOR NAVAL SHIPYARD & IMF  
**DRY DOCK 3 REPLACEMENT**  
LANDSIDE EXISTING CONDITION PLAN - AREA A1

SCALE:	AS NOTED
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET	OF TOTAL
<b>V101-A1</b>	

FILE NAME: W:\1053\4\CH\CADD\des\drawings\03\_cad\existing\w\01\DRYDOCK3\_PEARL\101-A1.dwg LAYOUT NAME: Landside Existing Condition Plan - Area A1 PLOTTED: Tuesday, June 01, 2021 9:08am USER: RChavers



**D5 KEY PLAN**  
SCALE: 1" = 500'



**PRELIMINARY CONSTRUCTION**

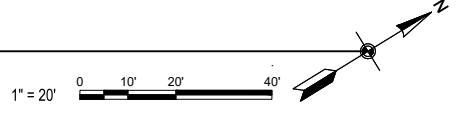


APPROVED		
FOR COMMANDER NAVFAC		
ACTIVITY		
SATISFACTORY TO DATE		
DES	DATE	CHK
PM/DM	PM	
BRANCH MANAGER	BM	
CHIEF ENGINEER	CE	
FIRE PROTECTION	FP	

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND  
NAVFAC PACIFIC  
PEARL HARBOR NAVAL SHIPYARD & IMF  
MAKALAPA, HAWAII  
**DRY DOCK 3 REPLACEMENT**  
LANDSIDE EXISTING CONDITION PLAN - AREA A2

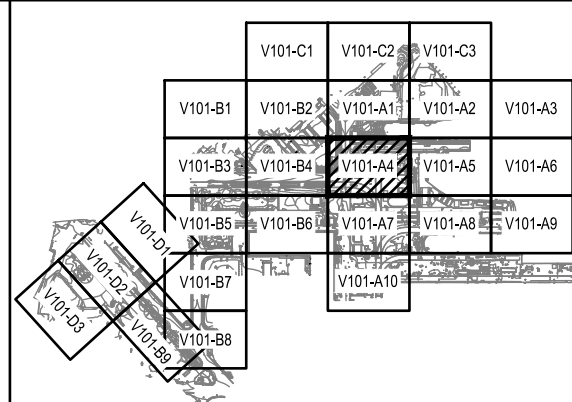
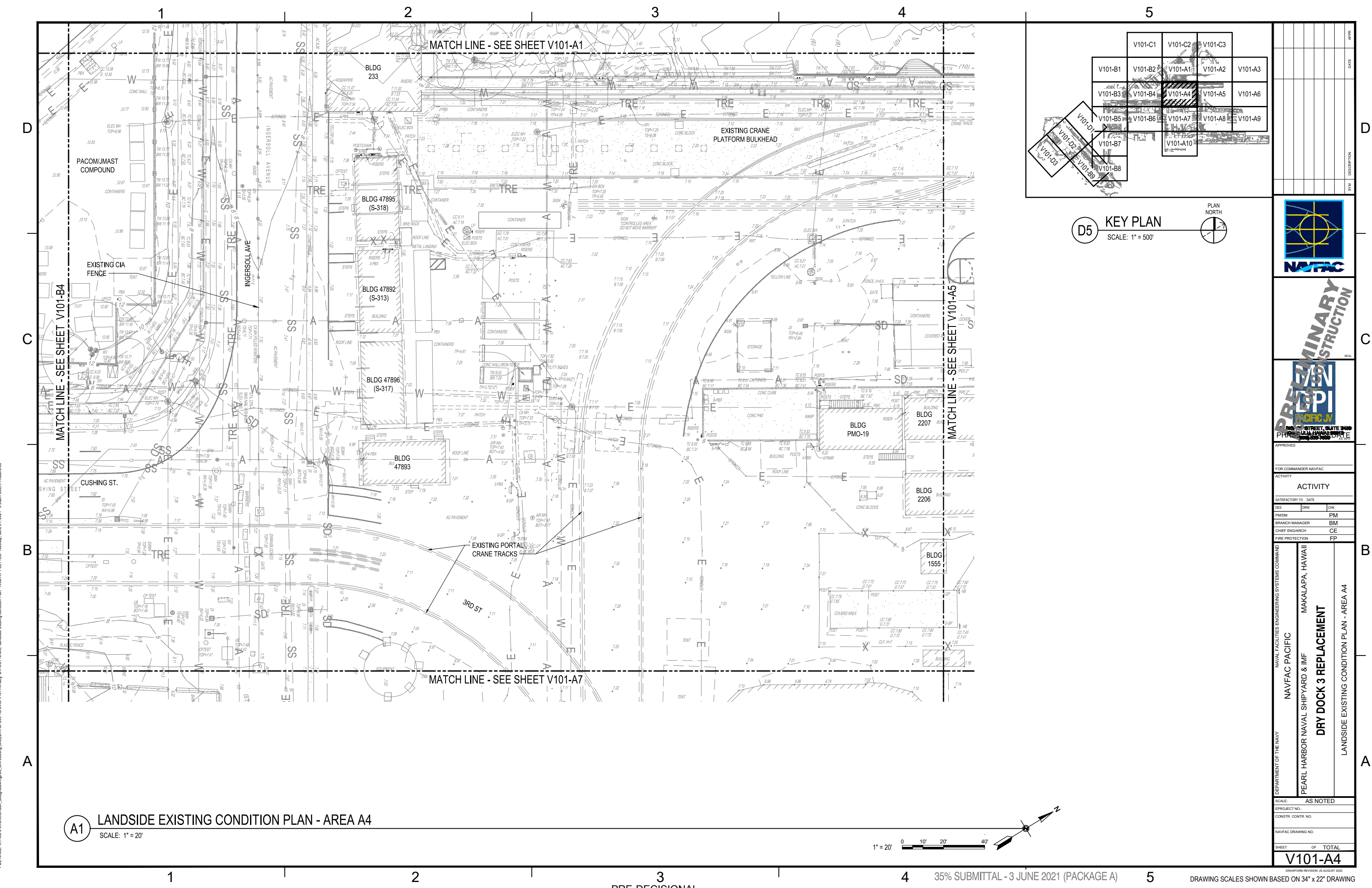
SCALE:	AS NOTED
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET	OF TOTAL
<b>V101-A2</b>	

**A1 LANDSIDE EXISTING CONDITION PLAN - AREA A2**  
SCALE: 1" = 20'



FILE NAME: W:\1053\4\CH\CADD\des\p101-42.dwg LAYOUT NAME: Landside Existing Condition Plan - Area A2 PLOTTED: Tuesday, June 01, 2021 9:08am USER: RChavers



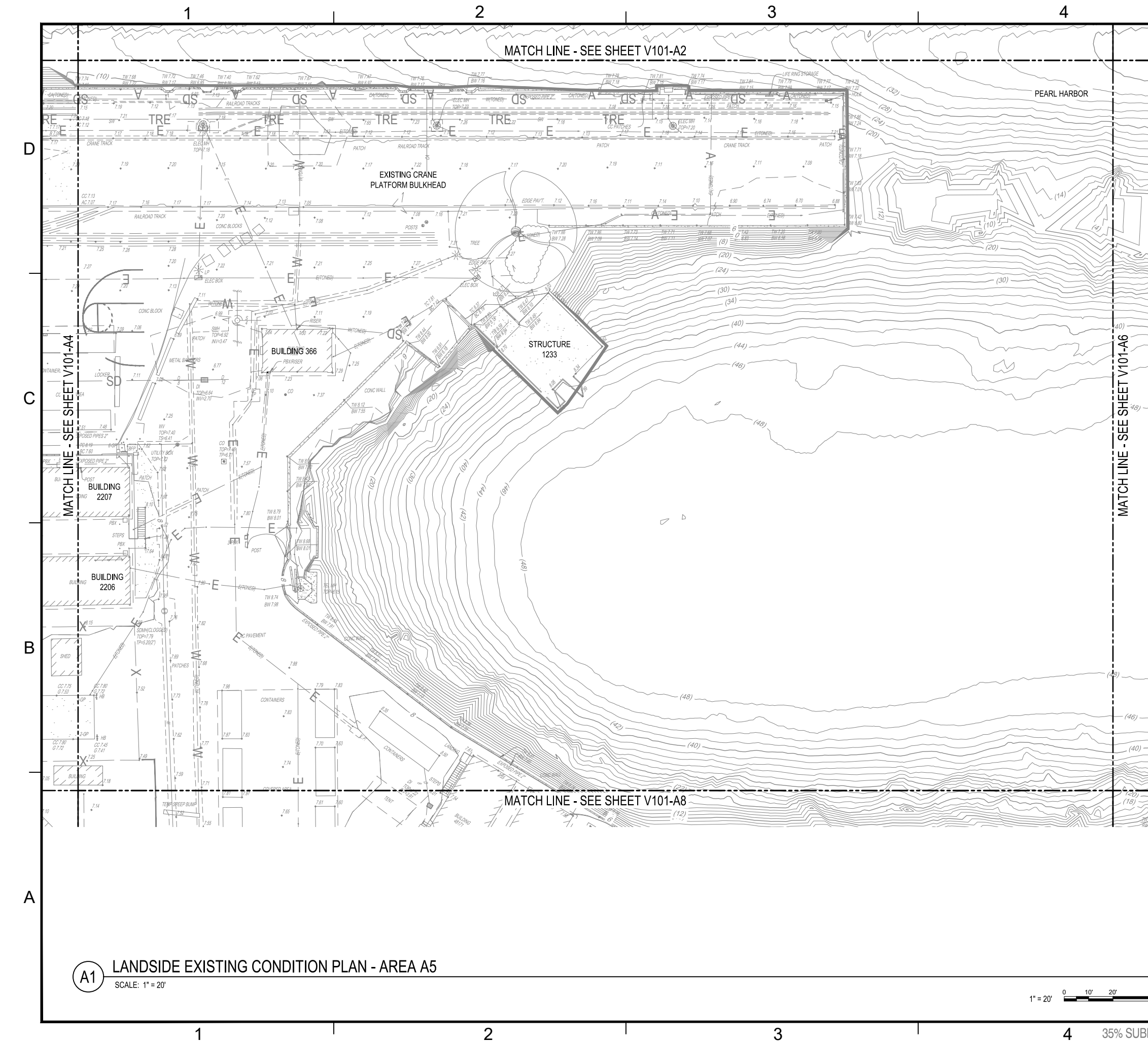


**A1** LANDSIDE EXISTING CONDITION PLAN - AREA A4  
SCALE: 1" = 20'

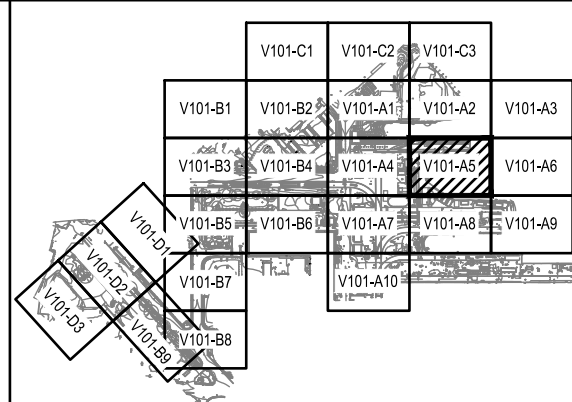


DATE	
DESCRIPTION	
APPROVED FOR COMMANDER NAVFAC	
<b>ACTIVITY</b>	
SATISFACTORY TO DATE	
DES	CHK
PM/DM	PM
BRANCH MANAGER	BM
CHIEF ENGINEER	CE
FIRE PROTECTION	FP
DEPARTMENT OF THE NAVY NAVFAC PACIFIC PEARL HARBOR NAVAL SHIPYARD & IMF <b>DRY DOCK 3 REPLACEMENT</b> LANDSIDE EXISTING CONDITION PLAN - AREA A4	
SCALE:	AS NOTED
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET	OF TOTAL
<b>V101-A4</b>	

FILE NAME: W:\1053\04\CAD\03\_depot\dwg03\_civil\existing (vcs)\DRYDOCK3\_01.dwg LAYOUT NAME: Landside Existing Condition Plan - Area A4 PLOTTED: Tuesday, June 01, 2021 9:08am USER: RChavers

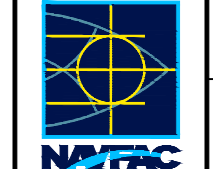


**(A1) LANDSIDE EXISTING CONDITION PLAN - AREA A5**  
 SCALE: 1" = 20'



**(D5) KEY PLAN**  
 SCALE: 1" = 500'

NO.	DESCRIPTION	DATE



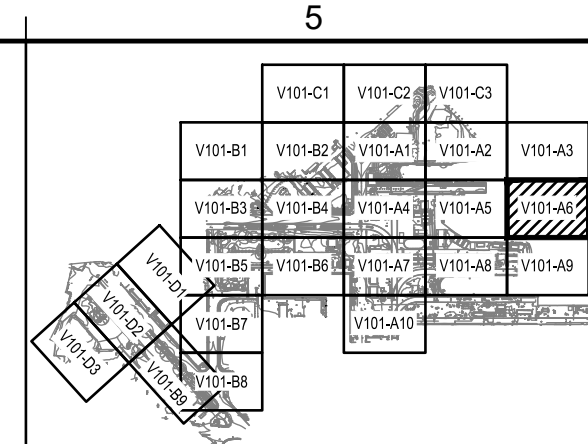
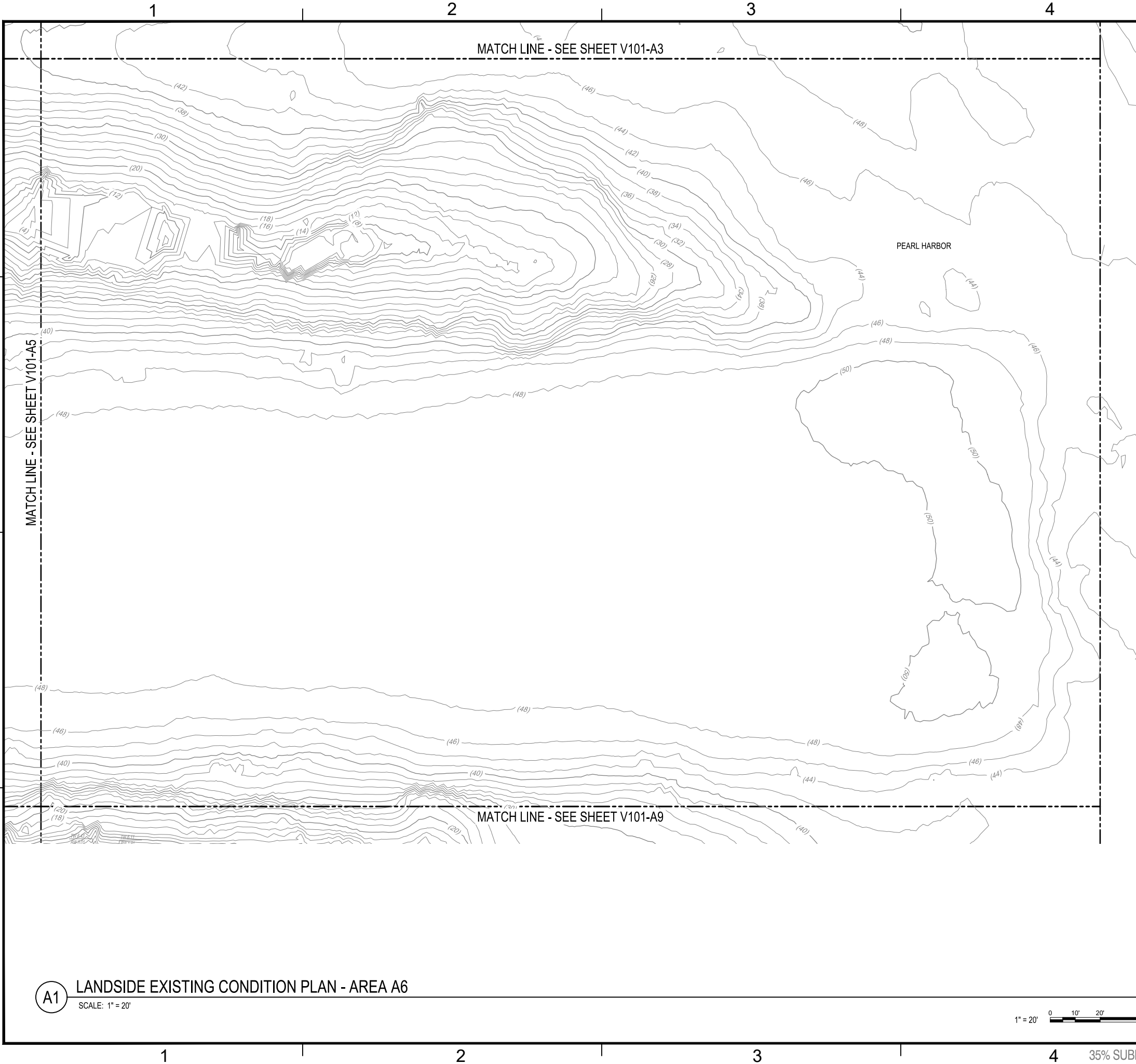
ACTIVITY	
SATISFACTORY TO DATE	
DES	CHK
PM/DM	PM
BRANCH MANAGER	BM
CHIEF ENGINEER	CE
FIRE PROTECTION	FP

DEPARTMENT OF THE NAVY  
 NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND  
 NAVFAC PACIFIC  
 PEARL HARBOR NAVAL SHIPYARD & IMF  
**DRY DOCK 3 REPLACEMENT**  
 LANDSIDE EXISTING CONDITION PLAN - AREA A5

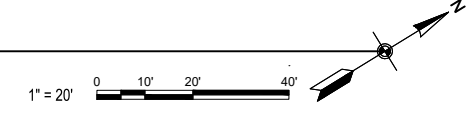


SCALE:	AS NOTED
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET OF TOTAL	
<b>V101-A5</b>	

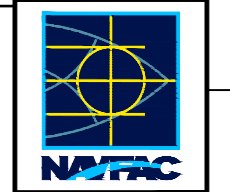
FILE NAME: W:\1053\4\CH\CADD\dwg\predecisional\_03.dwg PLOTTED: Tuesday, June 01, 2021 9:08am USER: RChavers



**A1** LANDSIDE EXISTING CONDITION PLAN - AREA A6  
SCALE: 1" = 20'



SYN	DESCRIPTION	DATE	APP'R

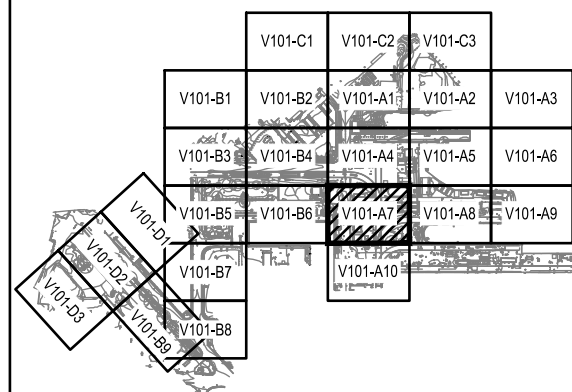
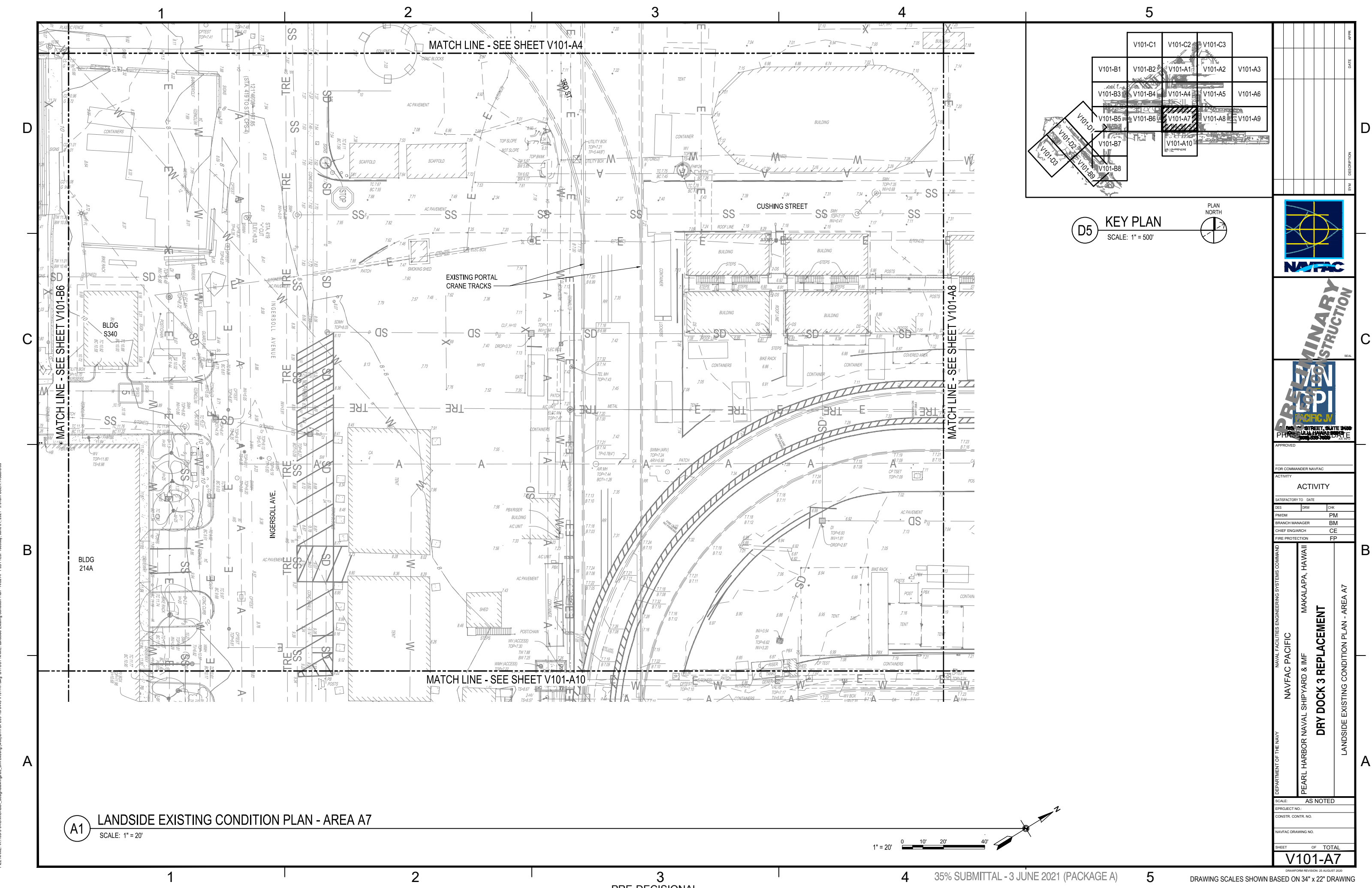


APPROVED		
FOR COMMANDER NAVFAC		
ACTIVITY		
SATISFACTORY TO DATE		
DES	DRW	CHK
PM/DM	PM	
BRANCH MANAGER	BM	
CHIEF ENGINEER	CE	
FIRE PROTECTION	FP	

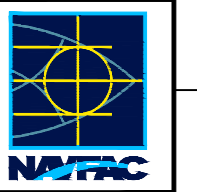
DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND  
NAVFAC PACIFIC  
PEARL HARBOR NAVAL SHIPYARD & IMF  
MAKALAPA, HAWAII  
**DRY DOCK 3 REPLACEMENT**  
LANDSIDE EXISTING CONDITION PLAN - AREA A6

SCALE:	AS NOTED
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET	OF TOTAL
<b>V101-A6</b>	

FILE NAME: W:\1053-04\CAD\CADD\_desig\dwg03\_cad\existing\vw\DRYDOCK3\_01\existing\vw\DRYDOCK3\_01\DWG\DRYDOCK3\_01.dwg LAYOUT NAME: Landside Existing Condition Plan - Area A6 PLOTTED: Tuesday, June 01, 2021 9:08am USER: RChavers



**D5 KEY PLAN**  
SCALE: 1" = 500'



APPROVED  
FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO	DATE	CHK
PM		
BM		
CE		
FP		

NAVFAC PACIFIC  
PEARL HARBOR NAVAL SHIPYARD & IMF

**DRY DOCK 3 REPLACEMENT**

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND  
MAKALAPA, HAWAII

LANDSIDE EXISTING CONDITION PLAN - AREA A7

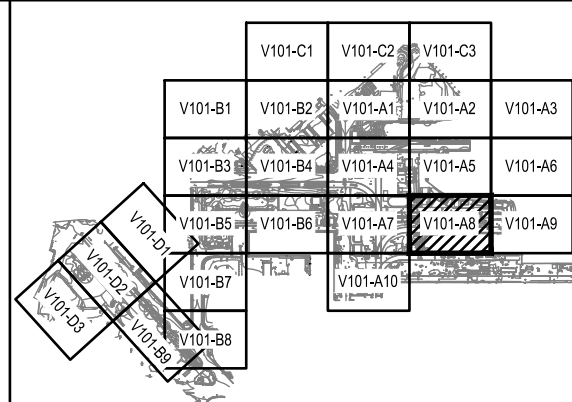
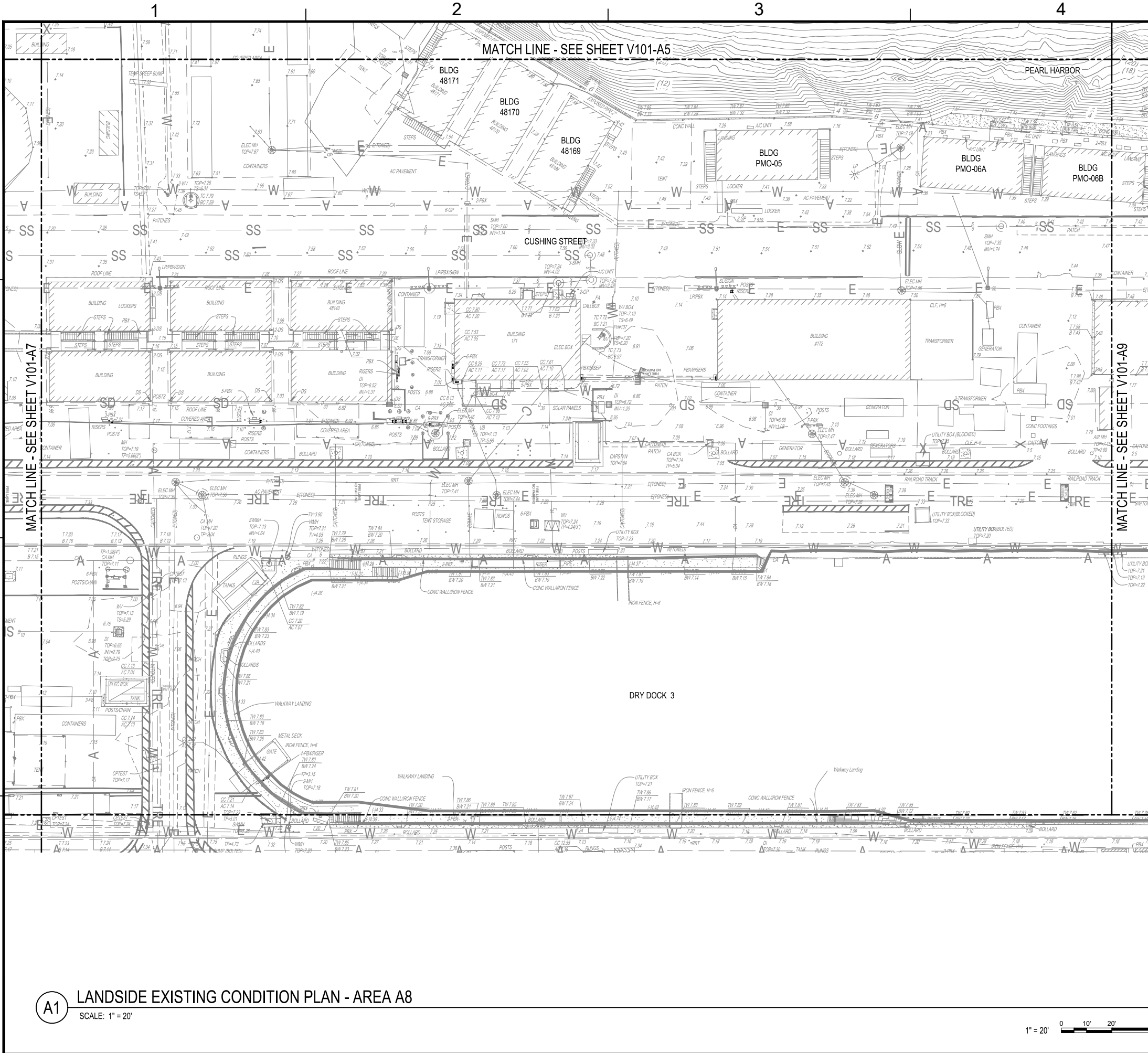
SCALE: AS NOTED  
PROJECT NO.:  
CONSTR. CONTR. NO.:

NAVFAC DRAWING NO.:  
SHEET OF TOTAL

**V101-A7**

**A1 LANDSIDE EXISTING CONDITION PLAN - AREA A7**  
SCALE: 1" = 20'





**D5 KEY PLAN**  
SCALE: 1" = 500'



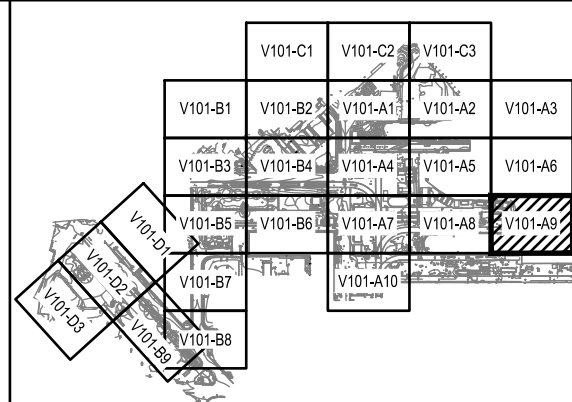
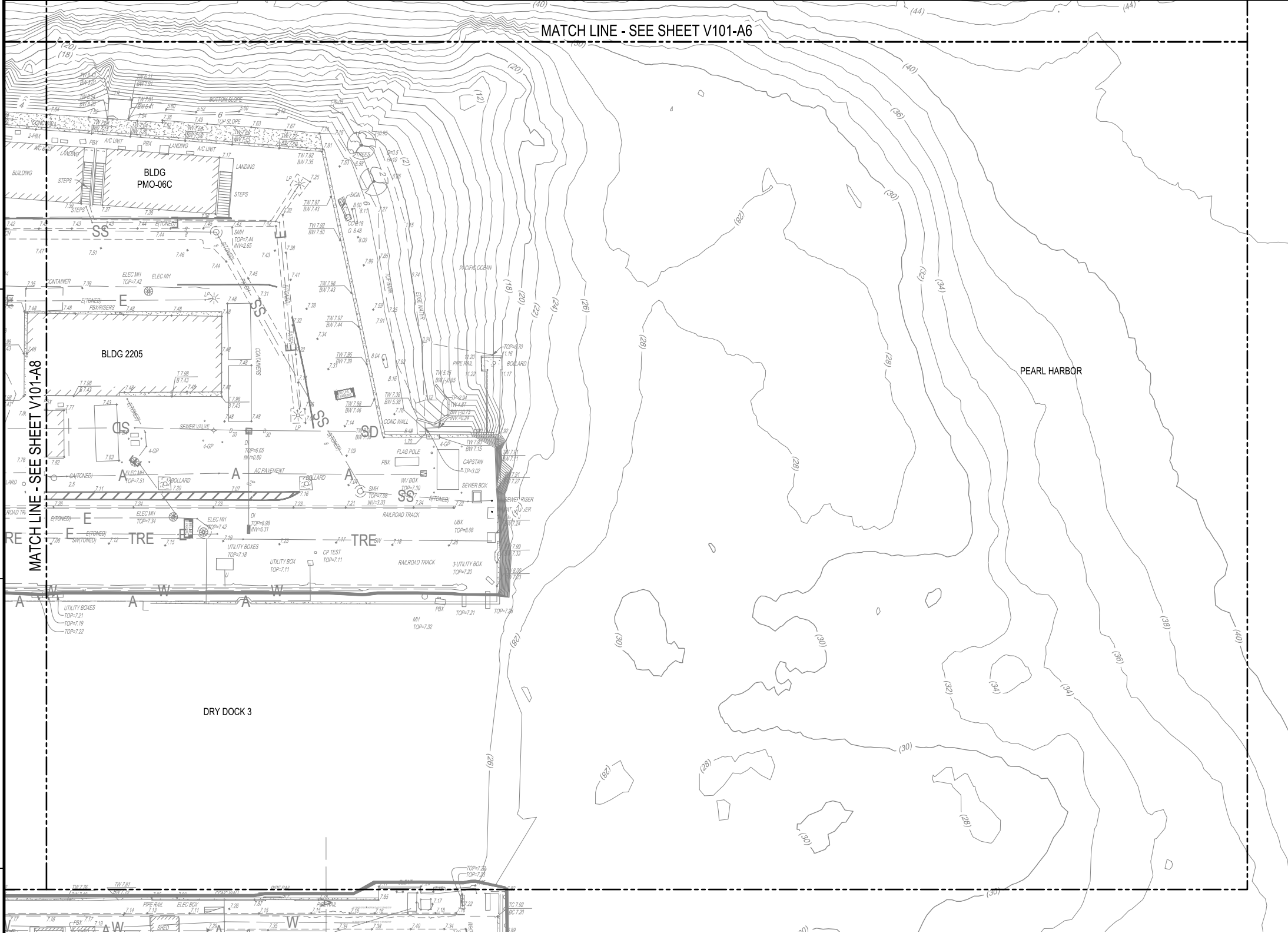
**A1 LANDSIDE EXISTING CONDITION PLAN - AREA A8**  
SCALE: 1" = 20'



DATE	
DESCRIPTION	
APPROVED FOR COMMANDER NAVFAC	
<b>ACTIVITY</b>	
SATISFACTORY TO	DATE
DES	DRW
CHK	
PM	PM
BM	BRANCH MANAGER
CE	CHIEF ENGINEER
FP	FIRE PROTECTION
DEPARTMENT OF THE NAVY NAVFAC PACIFIC PEARL HARBOR NAVAL SHIPYARD & IMF <b>DRY DOCK 3 REPLACEMENT</b> LANDSIDE EXISTING CONDITION PLAN - AREA A8	
SCALE: AS NOTED	
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET OF TOTAL	
<b>V101-A8</b>	

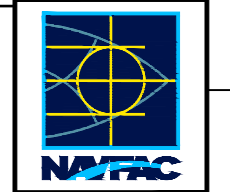
FILE NAME: W:\1053\4\CH\CAD\DD\_degrawing03\_civil.dwg LAYOUT NAME: Landside Existing Condition Plan - Area A8 PLOTTED: Tuesday, June 01, 2021 9:07am USER: RChavers





**D5 KEY PLAN**  
SCALE: 1" = 500'

REV	DESCRIPTION	DATE	APP'D



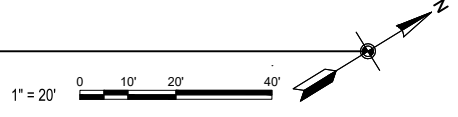
APPROVED  
FOR COMMANDER NAVFAC

ACTIVITY	
SATISFACTORY TO	DATE
DES	DRAW
CHK	
PM/DM	PM
BRANCH MANAGER	BM
CHIEF ENGINEER	CE
FIRE PROTECTION	FP

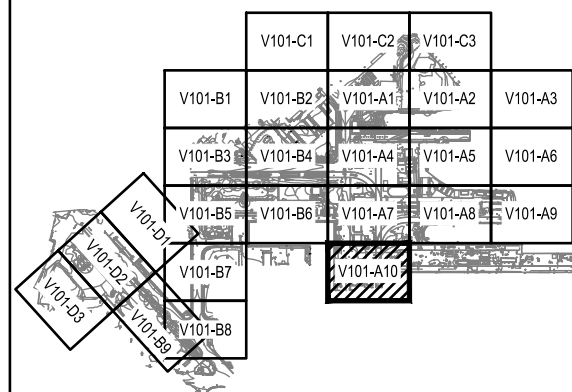
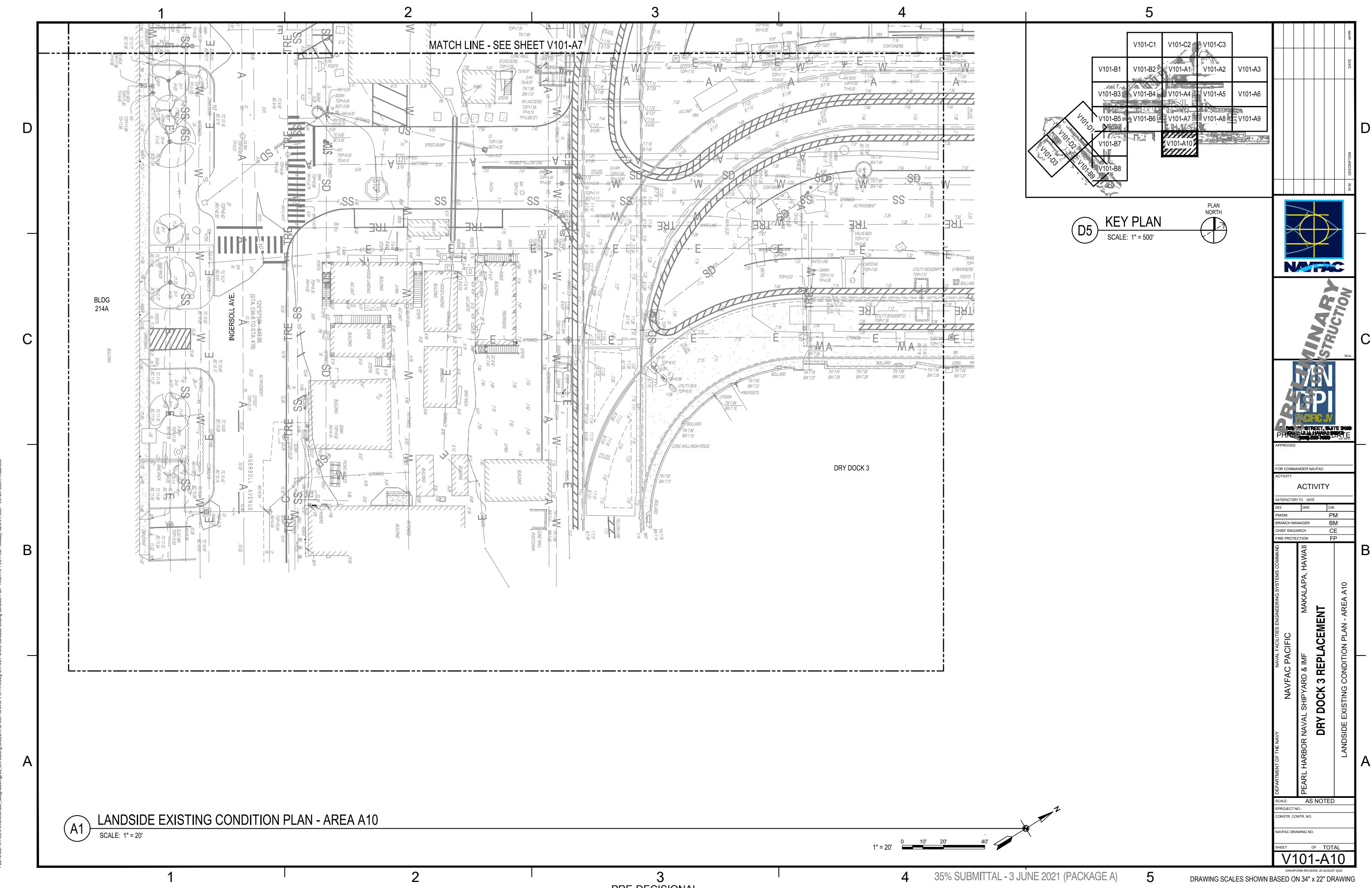
DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND  
NAVFAC PACIFIC  
PEARL HARBOR NAVAL SHIPYARD & IMF  
MAKALAPA, HAWAII  
**DRY DOCK 3 REPLACEMENT**  
LANDSIDE EXISTING CONDITION PLAN - AREA A9

SCALE:	AS NOTED
EPROJCT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET	OF TOTAL
<b>V101-A9</b>	

**A1 LANDSIDE EXISTING CONDITION PLAN - AREA A9**  
SCALE: 1" = 20'



FILE NAME: W:\1053-04\CAD\DWG\drydock3.dwg LAYOUT NAME: Landside Existing Condition Plan - Area A9 PLOTTED: Tuesday, June 01, 2021 9:07am USER: RChaires



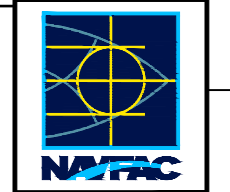
**D5 KEY PLAN**  
SCALE: 1" = 500'



**A1 LANDSIDE EXISTING CONDITION PLAN - AREA A10**  
SCALE: 1" = 20'



REV	DESCRIPTION	DATE	APP'R



APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE	
DES	DRAW
CHK	
PM	
BM	
CE	
FP	

DEPARTMENT OF THE NAVY	NAVFAC PACIFIC	MAKALAPA, HAWAII
PEARL HARBOR NAVAL SHIPYARD & IMF	<b>DRY DOCK 3 REPLACEMENT</b>	
LANDSIDE EXISTING CONDITION PLAN - AREA A10		
SCALE:	AS NOTED	
PROJECT NO.:		
CONSTR. CONTR. NO.:		
NAVFAC DRAWING NO.:		
SHEET	OF	TOTAL
<b>V101-A10</b>		

1

2

3

4

5

D

C

B

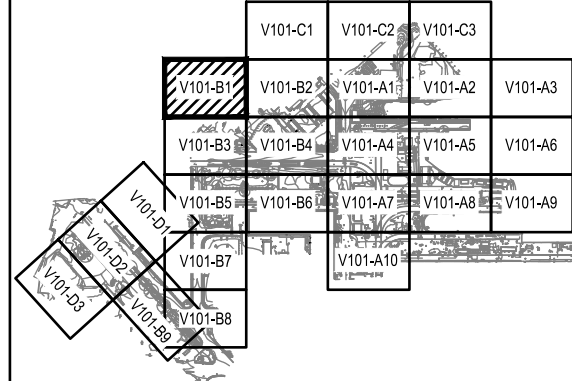
A

D

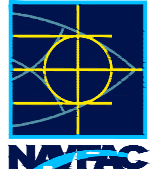
C

B

A



**D5 KEY PLAN**  
SCALE: 1" = 500'



**PRELIMINARY CONSTRUCTION**



APPROVED		
FOR COMMANDER NAVFAC		
ACTIVITY		
SATISFACTORY TO DATE		
DES	DRW	CHK
PM/DM	PM	
BRANCH MANAGER	BM	
CHIEF ENGINEER	CE	
FIRE PROTECTION	FP	

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND  
NAVFAC PACIFIC  
PEARL HARBOR NAVAL SHIPYARD & INFRASTRUCTURE  
MAKALAPA, HAWAII  
**DRY DOCK 3 REPLACEMENT**  
LANDSIDE EXISTING CONDITION PLAN - AREA B1

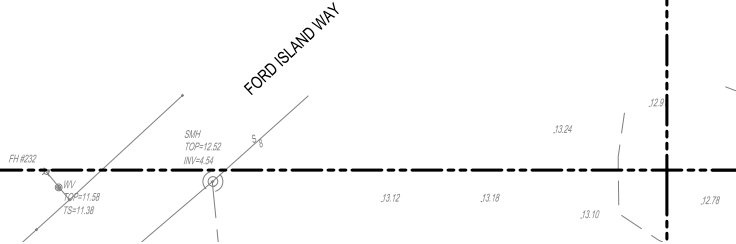
SCALE:	AS NOTED
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET	OF TOTAL
<b>V101-B1</b>	

**A1 LANDSIDE EXISTING CONDITION PLAN - AREA B1**  
SCALE: 1" = 20'



MATCH LINE - SEE SHEET V101-B3

MATCH LINE - SEE SHEET V101-B2



1

2

3

4

5

PRE-DECISIONAL

35% SUBMITTAL - 3 JUNE 2021 (PACKAGE A)

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

FILE NAME: W:\1053\4\CH\CADD\des\drawings\03\_cad\existing\vw\DRYDOCK3\101-B1.dwg LAYOUT NAME: Landside Existing Condition Plan - Area B1 PLOTTED: Tuesday, June 01, 2021 9:08am USER: RChaires

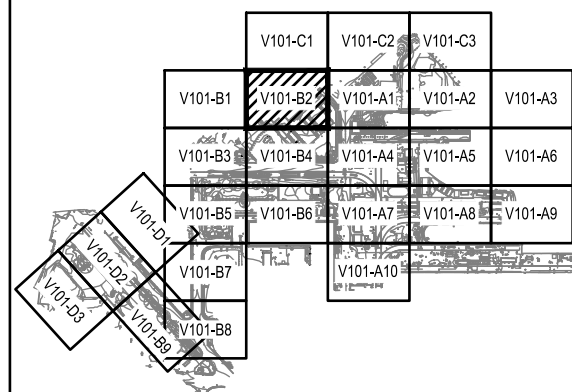
FILE NAME: W:\1053\4\CH\CADD\designdwg\03\_civil\existing\w\03\DRY02209\_01.dwg LAYOUT NAME: Landside Existing Condition Plan - Area B2 PLOTTED: Tuesday, June 01, 2021 9:08am USER: RChalvans

MATCH LINE - SEE SHEET V101-C1

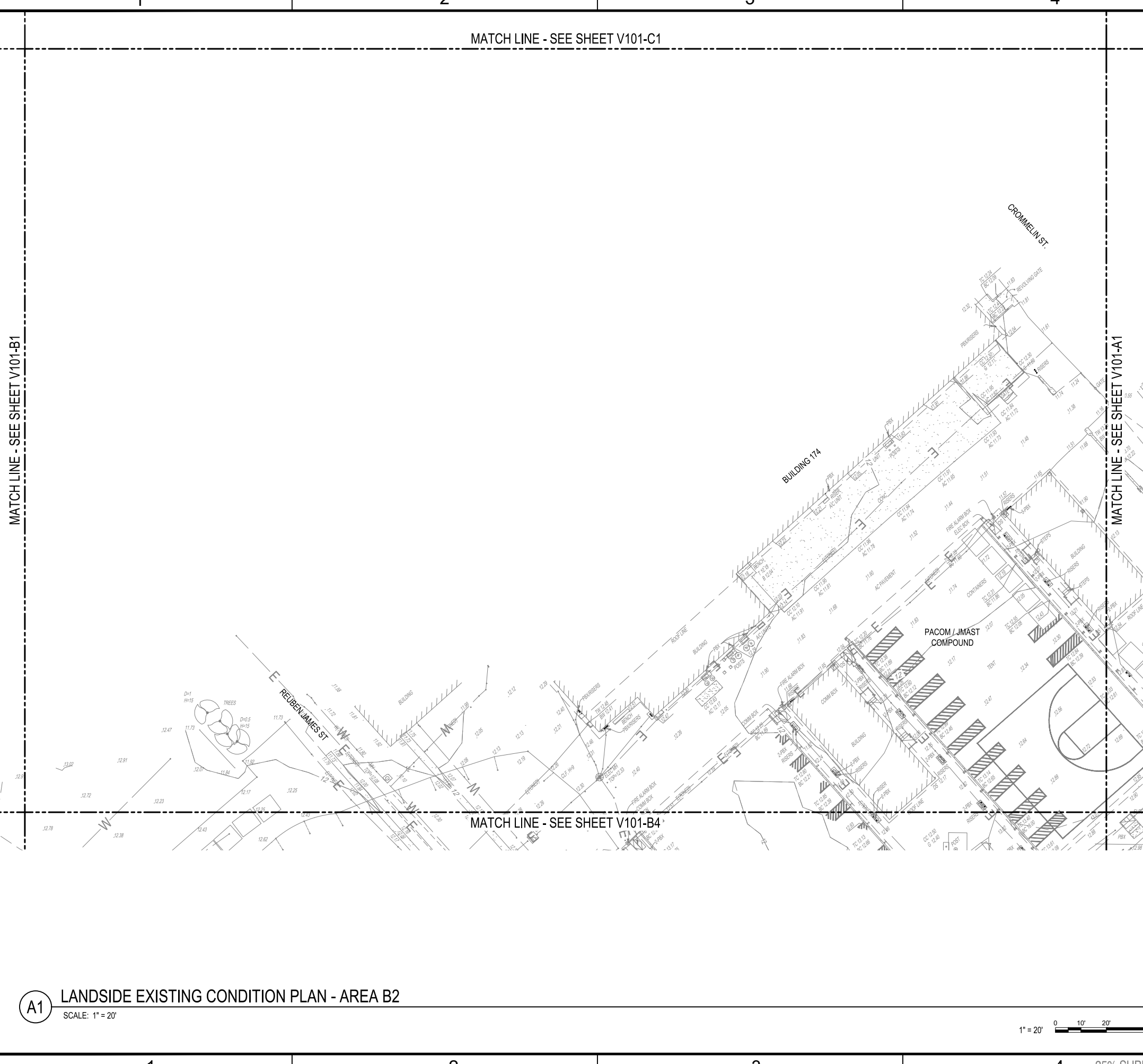
MATCH LINE - SEE SHEET V101-B1

MATCH LINE - SEE SHEET V101-A1

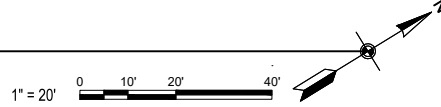
MATCH LINE - SEE SHEET V101-B4



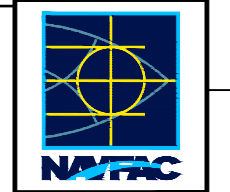
D5 KEY PLAN  
SCALE: 1" = 500'



A1 LANDSIDE EXISTING CONDITION PLAN - AREA B2  
SCALE: 1" = 20'



NO.	DESCRIPTION	DATE	APP'R



APPROVED FOR COMMANDER NAVFAC

ACTIVITY		
SATISFACTORY TO	DATE	
DES		CHK
PM/DM		PM
BRANCH MANAGER		BM
CHIEF ENGINEER		CE
FIRE PROTECTION		FP

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND  
NAVFAC PACIFIC  
PEARL HARBOR NAVAL SHIPYARD & IMF  
MAKALAPA, HAWAII  
**DRY DOCK 3 REPLACEMENT**  
LANDSIDE EXISTING CONDITION PLAN - AREA B2

SCALE:	AS NOTED
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET	OF TOTAL
<b>V101-B2</b>	

1

2

3

4

5

D

C

B

A

D

C

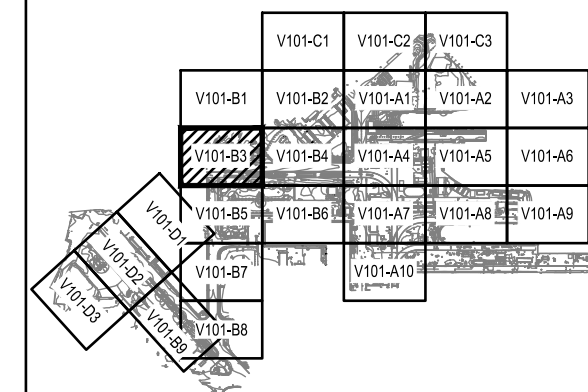
B

A

MATCH LINE - SEE SHEET V101-B1

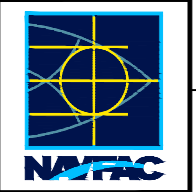
MATCH LINE - SEE SHEET V101-B4

MATCH LINE - SEE SHEET V101-B5



**D5 KEY PLAN**  
SCALE: 1" = 500'

SYMBOL	DESCRIPTION	DATE	APP'R



APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES	DRW	CHK

PM

BRANCH MANAGER

CE

CHIEF ENGINEER

FP

FIRE PROTECTION

NAVFAC PACIFIC

MAKALAPA, HAWAII

PEARL HARBOR NAVAL SHIPYARD & IMF

DRY DOCK 3 REPLACEMENT

LANDSIDE EXISTING CONDITION PLAN - AREA B3

SCALE: AS NOTED

EQUIPMENT NO.

CONSTR. CONTR. NO.

NAVFAC DRAWING NO.

SHEET OF TOTAL

V101-B3

DRAWING REVISION: 25 AUGUST 2020

**A1 LANDSIDE EXISTING CONDITION PLAN - AREA B3**

SCALE: 1" = 20'



1

2

3

4

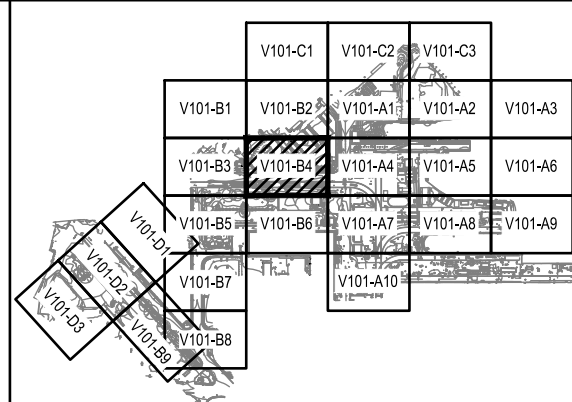
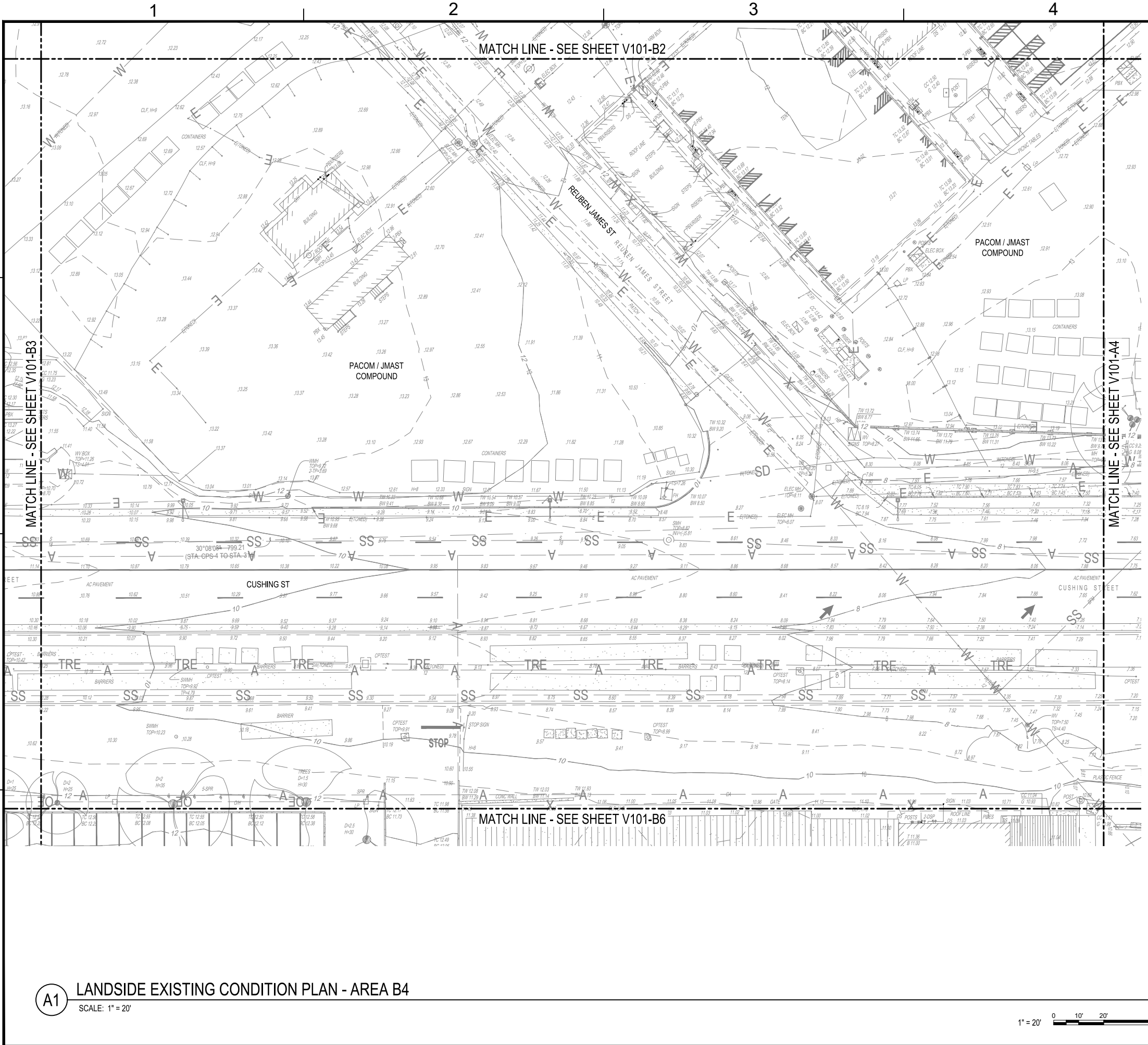
5

PRE-DECISIONAL

35% SUBMITTAL - 3 JUNE 2021 (PACKAGE A)

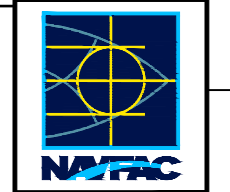
DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

FILE NAME: W:\1053\4\CAD\CADD\_desktop\dwg03\_cad\existing (vcs)\DRYDOCK3.dwg LAYOUT NAME: Landside Existing Condition Plan - Area B3 PLOTTED: Tuesday, June 01, 2021 9:08am USER: RChivers



**D5 KEY PLAN**  
SCALE: 1" = 500'

REV	DESCRIPTION	DATE	APP'R



APPROVED  
FOR COMMANDER NAVFAC

ACTIVITY		
SATISFACTORY TO	DATE	
DES	DRAW	CHK
PM/DM		PM
BRANCH MANAGER		BM
CHIEF ENGINEER		CE
FIRE PROTECTION		FP

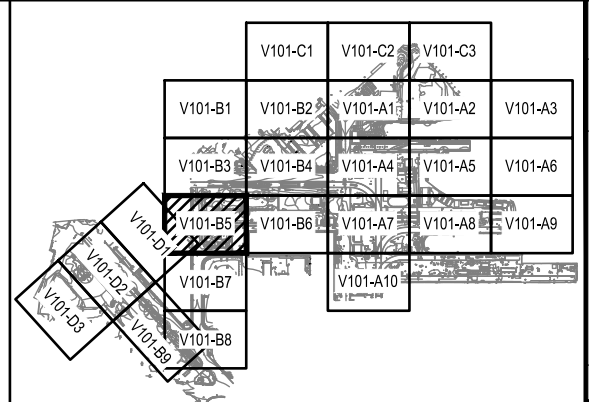
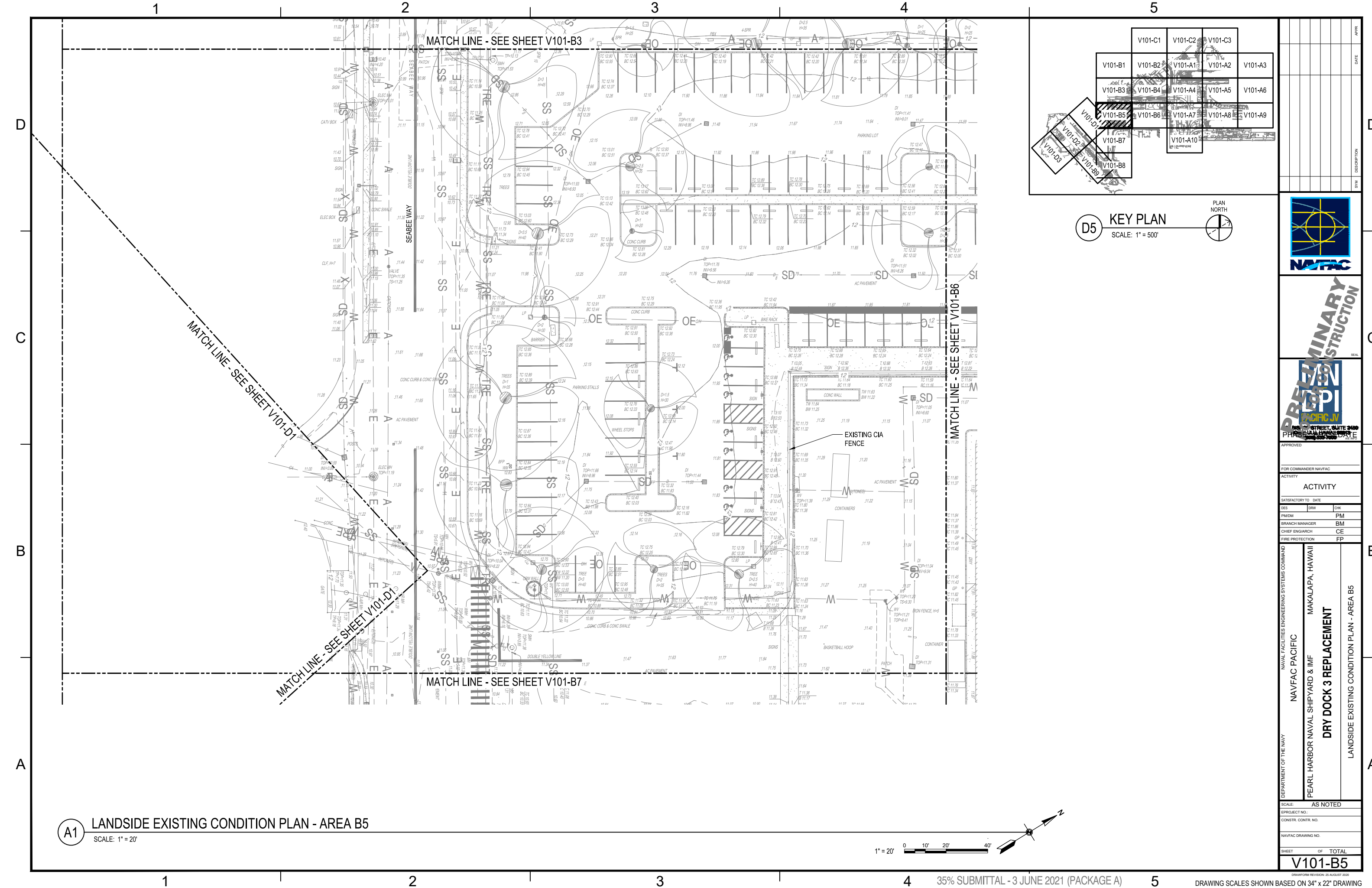
DEPARTMENT OF THE NAVY  
NAVFAC PACIFIC  
PEARL HARBOR NAVAL SHIPYARD & IMF  
**DRY DOCK 3 REPLACEMENT**  
LANDSIDE EXISTING CONDITION PLAN - AREA B4

SCALE:	AS NOTED
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET	OF TOTAL
<b>V101-B4</b>	

**A1 LANDSIDE EXISTING CONDITION PLAN - AREA B4**  
SCALE: 1" = 20'



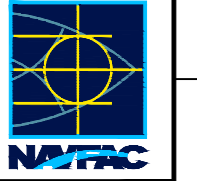
FILE NAME: W:\1052\4\0\CAD\DWG\desig\dwg\101-B4.dwg LAYOUT NAME: Landside Existing Condition Plan - Area B4 PLOTTED: Tuesday, June 01, 2021 9:08am USER: RChivers



**A1** LANDSIDE EXISTING CONDITION PLAN - AREA B5  
SCALE: 1" = 20'



DATE	DESCRIPTION



APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES	DRW	CHK
PM	PM	PM
BRANCH MANAGER	BM	BM
CHIEF ENGINEER	CE	CE
FIRE PROTECTION	FP	FP

DEPARTMENT OF THE NAVY

NAVFAC PACIFIC

PEARL HARBOR NAVAL SHIPYARD & IMF

**DRY DOCK 3 REPLACEMENT**

LANDSIDE EXISTING CONDITION PLAN - AREA B5

NAVFAC ENGINEERING SYSTEMS COMMAND

MAKALAPA, HAWAII

SCALE: AS NOTED

PROJECT NO.:

CONSTR. CONTR. NO.:

NAVFAC DRAWING NO.:

SHEET OF TOTAL

**V101-B5**

FILE NAME: W:\1053\A\CAD\CD\design\dwg03.dwg LAYOUT NAME: Landside Existing Condition Plan - Area B5 PLOTTED: Tuesday, June 01, 2021 9:09am USER: RChavers

1

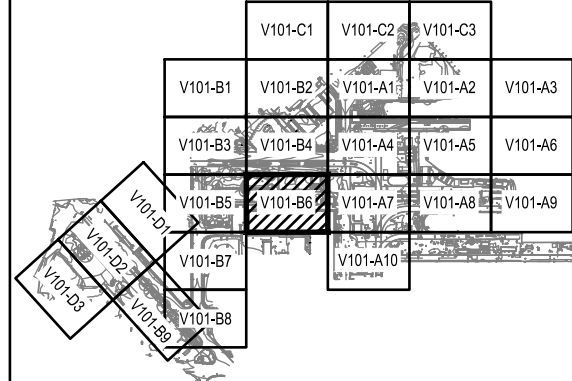
2

3

4

5

MATCH LINE - SEE SHEET V101-B4



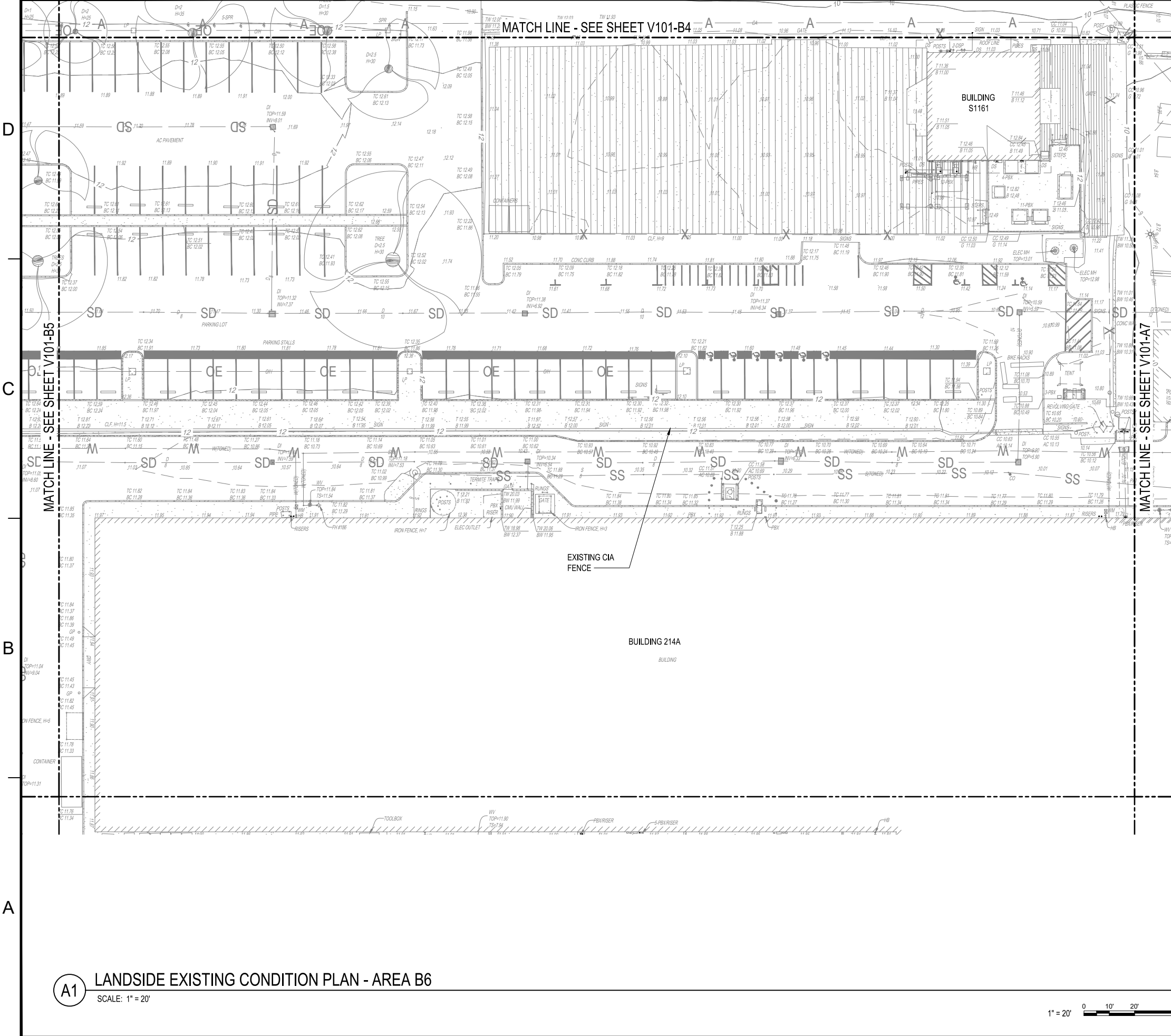
**D5 KEY PLAN**  
SCALE: 1" = 500'



APPROVED		
FOR COMMANDER NAVFAC		
ACTIVITY		
SATISFACTORY TO DATE		
DES	DRW	CHK
PM/DM	PM	
BRANCH MANAGER	BM	
CHIEF ENGINEER	CE	
FIRE PROTECTION	FP	

DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC PACIFIC	MAKALAPA, HAWAII
PEARL HARBOR NAVAL SHIPYARD & IMF	<b>DRY DOCK 3 REPLACEMENT</b>
	LANDSIDE EXISTING CONDITION PLAN - AREA B6

SCALE:	AS NOTED
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO.:	
SHEET	OF TOTAL
<b>V101-B6</b>	



**A1 LANDSIDE EXISTING CONDITION PLAN - AREA B6**  
SCALE: 1" = 20'



1

2

3

4

5

PRE-DECISIONAL

35% SUBMITTAL - 3 JUNE 2021 (PACKAGE A)

DRAWING SCALES SHOWN BASED ON 34" x 22" DRAWING

FILE NAME: W:\1052\4\CH\CADD\desig\dwg03\_civil\existing (vco)\DRYDOCK3\05\_01\_2021\_9:08am USER: RChavers  
 LAYOUT NAME: Landside Existing Condition Plan - Area B6 PLOTTED: Tuesday, June 01, 2021 9:08am USER: RChavers