

SHEET INDEX										
SHEET #	PDF #	SHEET NAME	DRAWN BY	35% DD	65% DD	95% CD	100% CD	FINAL	MOD	2
<ul style="list-style-type: none"> • First time the sheet is being issued. Dated with the most current date. ◆ Changes have been made on the sheet since the last time it was issued. Dated with the most current issue date. ○ No changes have been made on the sheet since the last time it was issued. Dated with an earlier (last) issue date. X Sheet deleted. 										
GENERAL										
G001	1	GENERAL - COVER SHEET	BAE	•	◆	◆	○	○	○	○
G002	2	GENERAL - SHEET INDEX	BAE	•	◆	◆	○	○	○	○
G003	3	GENERAL - SHEET INDEX	BAE	•	◆	◆	○	○	○	○
GI001	4	GENERAL - CONTRACTOR AND BASIS-OF-DESIGN PROTOCOL NOTES	BAE	•	○	◆	○	◆	○	○
GI002	5	GENERAL - PROTECTION PROTOCOL, SCOPE OF WORK AND MISC. NOTES	BAE	•	○	◆	○	○	○	○
GI003	6	GENERAL - DEMOLITION NOTES	BAE	•	○	○	○	○	○	○
GI004	7	GENERAL - ABBREVIATION, SYMBOL LEGEND, & STANDARD MOUNTING HEIGHTS	BAE	•	○	○	○	○	○	○
GI005	8	GENERAL - CONSTRUCTION TIME ESTIMATES	BAE	•	○	○	○	○	○	○
HAZARDOUS MATERIALS										
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01/02-HA101	10	HAZARDOUS MATERIALS - ASBESTOS LOCATIONS, B1 & B2, FIRST FLOOR	TERRACON			•	◆	○	○	○
01/02-HA102	11	HAZARDOUS MATERIALS - ASBESTOS LOCATIONS, B1 & B2, SECOND FLOOR	TERRACON			•	◆	○	○	○
01/02-HA104	12	HAZARDOUS MATERIALS - ASBESTOS LOCATIONS, B1 & B2, FOURTH FLOOR	TERRACON			•	◆	○	○	○
09-HA101	13	HAZARDOUS MATERIALS - ASBESTOS LOCATIONS, B9, FIRST FLOOR	TERRACON			•	◆	○	○	○
01-HL104	14	HAZARDOUS MATERIALS - LEAD LOCATIONS, B1, FOURTH FLOOR	TERRACON			•	◆	○	○	○
09-HL101	15	HAZARDOUS MATERIALS - LEAD LOCATIONS, B9, FIRST FLOOR	TERRACON			•	◆	○	○	○
CIVIL										
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CU100	17	CIVIL - OVERALL UTILITY PLAN	CALIBRE			•	◆	○	○	○
CU101	18	CIVIL - UTILITY PLAN (SHEET 1 OF 5)	CALIBRE			•	◆	○	○	○
CU102	19	CIVIL - UTILITY PLAN (SHEET 2 OF 5)	CALIBRE			•	◆	○	○	○
CU103	20	CIVIL - UTILITY PLAN (SHEET 3 OF 5)	CALIBRE			•	◆	○	○	○
CU104	21	CIVIL - UTILITY PLAN (SHEET 4 OF 5)	CALIBRE			•	◆	○	○	○
CU105	22	CIVIL - UTILITY PLAN (SHEET 5 OF 5)	CALIBRE			•	◆	○	○	○
DT100	23	CIVIL - DETAILS (SHEET 1 OF 1)	CALIBRE			•	◆	○	○	○
GENERAL - DISCIPLINE										
S-001	24	STRUCTURAL - GENERAL NOTES, DESIGN LOADS, AND ABBREVIATIONS	CALIBRE			•	◆	○	○	○
A511	25	ARCHITECTURAL - PARTITIONS TYPES	BAE			•	◆	○	○	○
A601	26	ARCHITECTURAL - DOOR SCHEDULE AND DETAILS	BAE			•	◆	○	○	○
FX001	27	FIRE PROTECTION - GENERAL NOTES, ABBREVIATIONS, & SYMBOLS	BAE			•	◆	○	○	○
FXS01	28	FIRE PROTECTION DETAILS	BAE			•	○	◆	○	○
FXS02	29	FIRE PROTECTION DETAILS	BAE			•	○	◆	○	○
P001	30	PLUMBING - GENERAL NOTES, ABBREVIATIONS, & SYMBOLS	BAE			•	○	◆	○	○
M001	31	MECHANICAL - GENERAL NOTES, ABBREVIATIONS, & SYMBOLS	BAE			•	○	◆	○	○
M501	32	MECHANICAL DETAILS	BAE			•	○	◆	○	○
M502	33	MECHANICAL DETAILS	BAE			•	○	◆	○	○
M601	34	MECHANICAL SCHEDULES	BAE			•	○	◆	○	○
M602	35	MECHANICAL SCHEDULES	BAE			•	○	◆	○	○
M701	36	MECHANICAL - TEMPERATURE CONTROLS	BAE			•	○	◆	○	○
E001	37	ELECTRICAL - GENERAL NOTES, ABBREVIATIONS, & SYMBOLS	BAE			•	○	◆	○	○
E501	38	ELECTRICAL - DETAILS	BAE			•	○	◆	○	○
E502	39	ELECTRICAL - DETAILS	BAE			•	○	◆	○	○
E601	40	ELECTRICAL - BLDG 1 PARTIAL ONE-LINE - DEMOLITION	BAE			•	○	◆	○	○
E602	41	ELECTRICAL - BLDG 1 PARTIAL ONE-LINE - NEW	BAE			•	○	◆	○	○
E701	42	ELECTRICAL - PANEL SCHEDULES	BAE			•	○	◆	○	○
BUILDING 1										
01-S402	43	STRUCTURAL - ENLARGED PLANS - 2ND AND 4TH FLOORS	BAE			•	◆	○	○	○
01-A000	44	ARCHITECTURAL - FLOOR PLAN - BASEMENT - OVERALL	BAE			•	◆	○	○	○
01-A001	45	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR - OVERALL	BAE			•	◆	○	○	○
01-A002	46	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR - OVERALL	BAE			•	◆	○	○	○
01-A003	47	ARCHITECTURAL - FLOOR PLAN - THIRD FLOOR - OVERALL	BAE			•	◆	○	○	○
01-A004	48	ARCHITECTURAL - FLOOR PLAN - FOURTH FLOOR - OVERALL	BAE			•	◆	○	○	○
01-A100	49	ARCHITECTURAL - FLOOR PLAN - GENERIC TR ROOMS	BAE			•	◆	○	○	○
01-A400.1	50	ARCHITECTURAL - ENLARGED FLOOR PLAN - BASEMENT	BAE			•	◆	○	○	○
01-A400.2	51	ARCHITECTURAL - ENLARGED FLOOR PLAN - BASEMENT	BAE			•	◆	○	○	○
01-A400.3	52	ARCHITECTURAL - ENLARGED FLOOR PLAN - BASEMENT	BAE			•	◆	○	○	○
01-A400.4	53	ARCHITECTURAL - ENLARGED FLOOR PLAN - BASEMENT	BAE			•	◆	○	○	○
01-A401.1	54	ARCHITECTURAL - ENLARGED FLOOR PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-A401.2	55	ARCHITECTURAL - ENLARGED FLOOR PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-A401.3	56	ARCHITECTURAL - ENLARGED FLOOR PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-A401.4	57	ARCHITECTURAL - ENLARGED FLOOR PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-A402.1	58	ARCHITECTURAL - ENLARGED FLOOR PLAN - SECOND FLOOR	BAE			•	◆	○	○	○
01-A402.2	59	ARCHITECTURAL - ENLARGED FLOOR PLAN - SECOND FLOOR	BAE			•	◆	○	○	○
01-A402.3	60	ARCHITECTURAL - ENLARGED FLOOR PLAN - SECOND FLOOR	BAE			•	◆	○	○	○
01-A403.1	61	ARCHITECTURAL - ENLARGED FLOOR PLAN - THIRD FLOOR	BAE			•	◆	○	○	○
01-A404.1	62	ARCHITECTURAL - ENLARGED FLOOR PLAN - FOURTH FLOOR	BAE			•	◆	○	○	○
01-A404.2	63	ARCHITECTURAL - ENLARGED FLOOR PLAN - FOURTH FLOOR	BAE			•	◆	○	○	○
01-FP400.1	64	FIRE PROTECTION - ENLARGED PLAN - BASEMENT	BAE			•	◆	○	○	○
01-FP400.2	65	FIRE PROTECTION - ENLARGED PLAN - BASEMENT	BAE			•	◆	○	○	○
01-FP400.3	66	FIRE PROTECTION - ENLARGED PLAN - BASEMENT	BAE			•	◆	○	○	○
01-FP400.4	67	FIRE PROTECTION - ENLARGED PLAN - BASEMENT	BAE			•	◆	○	○	○
01-FP401.1	68	FIRE PROTECTION - ENLARGED PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-FP401.2	69	FIRE PROTECTION - ENLARGED PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-FP401.3	70	FIRE PROTECTION - ENLARGED PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-FP401.4	71	FIRE PROTECTION - ENLARGED PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-FP404.1	72	FIRE PROTECTION - ENLARGED PLAN - FOURTH FLOOR ROOMS 4315, 4317, & 4319	BAE			•	◆	○	○	○

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01-FP404.2	73	FIRE PROTECTION - ENLARGED PLAN - FOURTH FLOOR ROOMS 4307& 4309	BAE			•	◆	○	○	○
01-P400.1	74	PLUMBING - ENLARGED PLAN - BASEMENT	BAE			•	◆	○	○	○
01-P400.4	75	PLUMBING - ENLARGED PLAN - BASEMENT	BAE			•	◆	○	○	○
01-P401.1	76	PLUMBING - ENLARGED PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-P401.2	77	PLUMBING - ENLARGED PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-M100	78	MECHANICAL - BUILDING 1 - BASEMENT - OVERALL	BAE			•	◆	○	○	○
01-M101	79	MECHANICAL - BUILDING 1 - FIRST FLOOR - OVERALL	BAE			•	◆	○	○	○
01-M102	80	MECHANICAL - BUILDING 1 - SECOND FLOOR - OVERALL	BAE			•	◆	○	○	○
01-M103	81	MECHANICAL - BUILDING 1 - THIRD FLOOR - OVERALL	BAE			•	◆	○	○	○
01-M104	82	MECHANICAL - BUILDING 1 - FOURTH FLOOR - OVERALL	BAE			•	◆	○	○	○
01-M105	83	MECHANICAL - BUILDING 1 - FIFTH FLOOR - OVERALL	BAE			•	◆	○	○	○
01-M400.1	84	MECHANICAL - ENLARGED PLAN - BASEMENT	BAE			•	◆	○	○	○
01-M400.2	85	MECHANICAL - ENLARGED PLAN - BASEMENT	BAE			•	◆	○	○	○
01-M400.3	86	MECHANICAL - ENLARGED PLAN - BASEMENT	BAE			•	◆	○	○	○
01-M401.1	87	MECHANICAL - ENLARGED PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-M401.2	88	MECHANICAL - ENLARGED PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-M402.1	89	MECHANICAL - ENLARGED PLAN - SECOND FLOOR	BAE			•	◆	○	○	○
01-M402.2	90	MECHANICAL - ENLARGED PLAN - SECOND FLOOR	BAE			•	◆	○	○	○
01-M403	91	MECHANICAL - ENLARGED PLAN - THIRD FLOOR	BAE			•	◆	○	○	○
01-M404	92	MECHANICAL - ENLARGED PLAN - FOURTH FLOOR	BAE			•	◆	○	○	○
01-E400.1	93	ELECTRICAL - ENLARGED FLOOR PLAN - BASEMENT	BAE			•	◆	○	○	○
01-E400.2	94	ELECTRICAL - ENLARGED FLOOR PLAN - BASEMENT	BAE			•	◆	○	○	○
01-E400.3	95	ELECTRICAL - ENLARGED FLOOR PLAN - BASEMENT	BAE			•	◆	○	○	○
01-E400.4	96	ELECTRICAL - ENLARGED FLOOR PLAN - BASEMENT	BAE			•	◆	○	○	○
01-E400.5	97	ELECTRICAL - ENLARGED FLOOR PLAN - BASEMENT	BAE			•	◆	○	○	○
01-E400.6	98	ELECTRICAL - ENLARGED FLOOR PLAN - ROOF	BAE			•	◆	○	○	○
01-E401.1	99	ELECTRICAL - ENLARGED FLOOR PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-E401.2	100	ELECTRICAL - ENLARGED FLOOR PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-E401.3	101	ELECTRICAL - ENLARGED FLOOR PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-E401.4	102	ELECTRICAL - ENLARGED FLOOR PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
01-E402.1	103	ELECTRICAL - ENLARGED FLOOR PLAN - SECOND FLOOR	BAE			•	◆	○	○	○
01-E403.1	104	ELECTRICAL - ENLARGED FLOOR PLAN - THIRD FLOOR	BAE			•	◆	○	○	○
01-E404.1	105	ELECTRICAL - ENLARGED FLOOR PLAN - FOURTH FLOOR	BAE			•	◆	○	○	○
01-E404.2	106	ELECTRICAL - ENLARGED FLOOR PLAN - FOURTH FLOOR	BAE			•	◆	○	○	○
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02-A000	107	ARCHITECTURAL - FLOOR PLAN - BASEMENT - OVERALL	BAE			•	◆	○	○	○
02-A002	108	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR - OVERALL	BAE			•	◆	○	○	○
02-A400	109	ARCHITECTURAL - ENLARGED FLOOR PLAN - BASEMENT	BAE			•	◆	○	○	○
02-A402	110	ARCHITECTURAL - ENLARGED FLOOR PLAN - SECOND FLOOR	BAE			•	◆	○	○	○
02-FP400	111	FIRE PROTECTION - ENLARGED PLAN - BASEMENT	BAE			•	◆	○	○	○
02-FP402	112	FIRE PROTECTION - ENLARGED PLAN - SECOND FLOOR	BAE			•	◆	○	○	○
02-M100	113	MECHANICAL - BUILDING 2 - BASEMENT - OVERALL	BAE			•	◆	○	○	○
02-M102	114	MECHANICAL - BUILDING 2 - SECOND FLOOR - OVERALL	BAE			•	◆	○	○	○
02-M400	115	MECHANICAL - ENLARGED PLAN - BASEMENT	BAE			•	◆	○	○	○
02-M402	116	MECHANICAL - ENLARGED PLAN - SECOND FLOOR	BAE			•	◆	○	○	○
02-E400	117	ELECTRICAL - ENLARGED PLAN - BASEMENT	BAE			•	◆	○	○	○
02-E402	118	ELECTRICAL - ENLARGED PLAN - SECOND FLOOR	BAE			•	◆	○	○	○
BUILDING 3										
03-A001	119	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR - OVERALL	BAE			•	◆	○	○	○
03-A401	120	ARCHITECTURAL - ENLARGED FLOOR PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
03-FP401	121	FIRE PROTECTION - ENLARGED PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
03-M101	122	MECHANICAL - BUILDING 3 - FIRST FLOOR - OVERALL	BAE			•	◆	○	○	○
03-M102	123	MECHANICAL - BUILDING 3 - SECOND FLOOR - OVERALL	BAE			•	◆	○	○	○
03-M401	124	MECHANICAL - ENLARGED PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
03-M402	125	MECHANICAL - ENLARGED PLAN - SECOND FLOOR	BAE			•	◆	○	○	○
03-E401	126	ELECTRICAL - ENLARGED PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
BUILDING 4										
04-A001	127	ARCHITECTURAL - FLOOR PLAN - FIRST FLOOR - OVERALL	BAE			•	◆	○	○	○
04-A002	128	ARCHITECTURAL - FLOOR PLAN - SECOND FLOOR - OVERALL	BAE			•	◆	○	○	○
04-A401	129	ARCHITECTURAL - ENLARGED FLOOR PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
04-A402	130	ARCHITECTURAL - ENLARGED FLOOR PLAN - SECOND FLOOR	BAE			•	◆	○	○	○
04-FP401	131	FIRE PROTECTION - ENLARGED PLAN - FIRST FLOOR	BAE			•	◆	○	○	○
04-FP402	132	FIRE PROTECTION - ENLARGED PLAN - SECOND FLOOR	BAE			•	◆	○		

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00-T002	215	Telecom	Site Plan	Telecommunications Site Routing Plan	Overall Site Plan	•	•	•	•	•
01-T000.A	216	Telecom	Floor Plan	Building 1	Basement	•	•	•	•	•
01-T000.B	217	Telecom	Floor Plan	Building 1	Basement	•	•	•	•	•
01-T000.C	218	Telecom	Floor Plan	Building 1	Basement	•	•	•	•	•
01-T001.A	219	Telecom	Floor Plan	Building 1	First Floor	•	•	•	•	•
01-T001.B	220	Telecom	Floor Plan	Building 1	First Floor	•	•	•	•	•
01-T001.C	221	Telecom	Floor Plan	Building 1	First Floor	•	•	•	•	•
01-T002.A	222	Telecom	Floor Plan	Building 1	Second Floor	•	•	•	•	•
01-T002.B	223	Telecom	Floor Plan	Building 1	Second Floor	•	•	•	•	•
01-T002.C	224	Telecom	Floor Plan	Building 1	Second Floor	•	•	•	•	•
01-T003.A	225	Telecom	Floor Plan	Building 1	Third Floor	•	•	•	•	•
01-T003.B	226	Telecom	Floor Plan	Building 1	Third Floor	•	•	•	•	•
01-T003.C	227	Telecom	Floor Plan	Building 1	Third Floor	•	•	•	•	•
01-T004.A	228	Telecom	Floor Plan	Building 1	Fourth Floor	•	•	•	•	•
01-T004.B	229	Telecom	Floor Plan	Building 1	Fourth Floor	•	•	•	•	•
01-T004.C	230	Telecom	Floor Plan	Building 1	Fourth Floor	•	•	•	•	•
01-T005	231	Telecom	Floor Plan	Building 1	Fifth Floor	•	•	•	•	•
01-T006	232	Telecom	Floor Plan	Building 1	Sixth Floor	•	•	•	•	•
01-T400EP	233	Telecom	Enlarged Plan	Building 1	Basement	•	•	•	•	•
01-T401EP	234	Telecom	Enlarged Plan	Building 1	Basement	•	•	•	•	•
01-T402EP	235	Telecom	Enlarged Plan	Building 1	First Floor	•	•	•	•	•
01-T403EP	236	Telecom	Enlarged Plan	Building 1	First Floor	•	•	•	•	•
01-T404EP	237	Telecom	Enlarged Plan	Building 1	Second Floor	•	•	•	•	•
01-T405EP	238	Telecom	Enlarged Plan	Building 1	Third Floor	•	•	•	•	•
01-T406EP	239	Telecom	Enlarged Plan	Building 1	Fourth Floor	•	•	•	•	•
02-T000.A	240	Telecom	Floor Plan	Building 2	Basement	•	•	•	•	•
02-T000.B	241	Telecom	Floor Plan	Building 2	Basement	•	•	•	•	•
02-T000.C	242	Telecom	Floor Plan	Building 2	Basement	•	•	•	•	•
02-T001.A	243	Telecom	Floor Plan	Building 2	First Floor	•	•	•	•	•
02-T001.B	244	Telecom	Floor Plan	Building 2	First Floor	•	•	•	•	•
02-T001.C	245	Telecom	Floor Plan	Building 2	First Floor	•	•	•	•	•
02-T002.A	246	Telecom	Floor Plan	Building 2	Second Floor	•	•	•	•	•
02-T002.B	247	Telecom	Floor Plan	Building 2	Second Floor	•	•	•	•	•
02-T002.C	248	Telecom	Floor Plan	Building 2	Second Floor	•	•	•	•	•
02-T400EP	249	Telecom	Enlarged Plan	Building 2	Basement	•	•	•	•	•
02-T402EP	250	Telecom	Enlarged Plan	Building 2	Second Floor	•	•	•	•	•
03-T000.A	251	Telecom	Floor Plan	Building 3	Basement	•	•	•	•	•
03-T000.C	252	Telecom	Floor Plan	Building 3	Basement	•	•	•	•	•
03-T001.A	253	Telecom	Floor Plan	Building 3	First Floor	•	•	•	•	•
03-T001.C	254	Telecom	Floor Plan	Building 3	First Floor	•	•	•	•	•
03-T002.C	255	Telecom	Floor Plan	Building 3	Second Floor	•	•	•	•	•
03-T401EP	256	Telecom	Enlarged Plan	Building 3	First Floor	•	•	•	•	•
04-T000.A	257	Telecom	Floor Plan	Building 4	Basement	•	•	•	•	•
04-T000.B	258	Telecom	Floor Plan	Building 4	Basement	•	•	•	•	•
04-T001.A	259	Telecom	Floor Plan	Building 4	First Floor	•	•	•	•	•
04-T001.B	260	Telecom	Floor Plan	Building 4	First Floor	•	•	•	•	•
04-T001.C	261	Telecom	Floor Plan	Building 4	First Floor	•	•	•	•	•
04-T002.A	262	Telecom	Floor Plan	Building 4	Second Floor	•	•	•	•	•
04-T002.B	263	Telecom	Floor Plan	Building 4	Second Floor	•	•	•	•	•
04-T002.C	264	Telecom	Floor Plan	Building 4	Second Floor	•	•	•	•	•
04-T003	265	Telecom	Floor Plan	Building 4	Third Floor	•	•	•	•	•
04-T401EP	266	Telecom	Enlarged Plan	Building 4	First Floor	•	•	•	•	•
04-T402EP	267	Telecom	Enlarged Plan	Building 4	Second Floor	•	•	•	•	•
05-T000	268	Telecom	Floor Plan	Building 5	Basement	•	•	•	•	•
05-T001.A	269	Telecom	Floor Plan	Building 5	First Floor	•	•	•	•	•
05-T001.C	270	Telecom	Floor Plan	Building 5	First Floor	•	•	•	•	•
05-T002.A	271	Telecom	Floor Plan	Building 5	Second Floor	•	•	•	•	•
05-T002.C	272	Telecom	Floor Plan	Building 5	Second Floor	•	•	•	•	•
05-T003	273	Telecom	Floor Plan	Building 5	Third Floor	•	•	•	•	•
05-T400EP	274	Telecom	Enlarged Plan	Building 5	Basement	•	•	•	•	•
05-T402EP	275	Telecom	Enlarged Plan	Building 5	Second Floor	•	•	•	•	•
06-T001.A	276	Telecom	Floor Plan	Building 6M	First Floor	•	•	•	•	•
06-T001.C	277	Telecom	Floor Plan	Building 6M	First Floor	•	•	•	•	•
06-T401EP	278	Telecom	Enlarged Plan	Building 6M	First Floor	•	•	•	•	•
07-T001.A	279	Telecom	Floor Plan	Building 7M	First Floor	•	•	•	•	•
07-T001.C	280	Telecom	Floor Plan	Building 7M	First Floor	•	•	•	•	•
07-T401EP	281	Telecom	Enlarged Plan	Building 7M	First Floor	•	•	•	•	•
09-T000	282	Telecom	Floor Plan	Building 9	Basement	•	•	•	•	•
09-T001	283	Telecom	Floor Plan	Building 9	First Floor	•	•	•	•	•
09-T401EP	284	Telecom	Enlarged Plan	Building 9	First Floor	•	•	•	•	•
10-T000	285	Telecom	Floor Plan	Building 10	Basement	•	•	•	•	•
10-T001.A	286	Telecom	Floor Plan	Building 10	First Floor	•	•	•	•	•
10-T001.C	287	Telecom	Floor Plan	Building 10	First Floor	•	•	•	•	•
10-T401EP	288	Telecom	Enlarged Plan	Building 10	First Floor	•	•	•	•	•
11-T001	289	Telecom	Floor Plan	Building 11	First Floor	•	•	•	•	•
11-T401EP	290	Telecom	Enlarged Plan	Building 11	First Floor	•	•	•	•	•
12-T000.A	291	Telecom	Floor Plan	Building 12	Basement	•	•	•	•	•
12-T000.B	292	Telecom	Floor Plan	Building 12	Basement	•	•	•	•	•
12-T000.C	293	Telecom	Floor Plan	Building 12	Basement	•	•	•	•	•
12-T001.A	294	Telecom	Floor Plan	Building 12	First Floor	•	•	•	•	•
12-T001.B	295	Telecom	Floor Plan	Building 12	First Floor	•	•	•	•	•
12-T001.C	296	Telecom	Floor Plan	Building 12	First Floor	•	•	•	•	•
12-T002.A	297	Telecom	Floor Plan	Building 12	Second Floor	•	•	•	•	•
12-T002.B	298	Telecom	Floor Plan	Building 12	Second Floor	•	•	•	•	•
12-T002.C	299	Telecom	Floor Plan	Building 12	Second Floor	•	•	•	•	•
12-T003.A	300	Telecom	Floor Plan	Building 12	Third Floor	•	•	•	•	•
12-T003.B	301	Telecom	Floor Plan	Building 12	Third Floor	•	•	•	•	•
12-T003.C	302	Telecom	Floor Plan	Building 12	Third Floor	•	•	•	•	•
12-T400EP	303	Telecom	Enlarged Plan	Building 12	Basement	•	•	•	•	•
12-T401EP	304	Telecom	Enlarged Plan	Building 12	First Floor	•	•	•	•	•
12-T402EP	305	Telecom	Enlarged Plan	Building 12	Second Floor	•	•	•	•	•
12-T403EP	306	Telecom	Enlarged Plan	Building 12	Third Floor	•	•	•	•	•

18-121 636A-21-101 Des Moines EHRM:						65% DD SUBMITTAL SHEETS	95% CD1 SUBMITTAL SHEETS	100% CD2 SUBMITTAL SHEETS	100% MOD2 SUBMITTAL SHEETS	100% RESUBMISSION 3 SHEETS
13-T001	307	Telecom	Floor Plan	Building 13	First Floor	•	•	•	•	•
21-T001	308	Telecom	Floor Plan	Building 21	First Floor	•	•	•	•	•
21-T002	309	Telecom	Floor Plan	Building 21	Second Floor	•	•	•	•	•
21-T402EP	310	Telecom	Enlarged Plan	Building 21	Second Floor	•	•	•	•	•
24-T001	311	Telecom	Floor Plan	Building 24	First Floor	•	•	•	•	•
24-T002	312	Telecom	Floor Plan	Building 24	Second Floor	•	•	•	•	•
24-T402EP	313	Telecom	Enlarged Plan	Building 24	Second Floor	•	•	•	•	•
25-T001.A	314	Telecom	Floor Plan	Building 25	First Floor	•	•	•	•	•
25-T001.C	315	Telecom	Floor Plan	Building 25	First Floor	•	•	•	•	•
25-T401EP	316	Telecom	Enlarged Plan	Building 25	First Floor	•	•	•	•	•
27-T001.A	317	Telecom	Floor Plan	Building 27	First Floor	•	•	•	•	•
27-T401EP	318	Telecom	Enlarged Plan	Building 27	First Floor	•	•	•	•	•
28-T001	319	Telecom	Floor Plan	Building 28	First Floor	•	•	•	•	•
28-T401EP	320	Telecom	Enlarged Plan	Building 28	First Floor	•	•	•	•	•
TT-TD501	321	Telecom	Details	Telecommunication Details		•	•	•	•	•
TT-TD502	322	Telecom	Details	Telecommunication Details		•	•	•	•	•
TT-TD503	323	Telecom	Details	Telecommunication Details		•	•	•	•	•
TT-TD504	324	Telecom	Details	Telecommunication Details		•	•	•	•	•
TT-TD505	325	Telecom	Details	Telecommunication Details		•	•	•	•	•
TT-TD506	326	Telecom	Details	Telecommunication Details		•	•	•	•	•
TT-TD507	327	Telecom	Details	Telecommunication Details		•	•	•	•	•
TT-TD601	328	Telecom	Elevations	Buildings 1	Rack Elevations	•	•	•	•	•
TT-TD602	329	Telecom	Elevations	Buildings 1	Rack Elevations	•	•	•	•	•
TT-TD603	330	Telecom	Elevations	Buildings 1	Rack Elevations	•	•	•	•	•
TT-TD604	331	Telecom	Elevations	Campus	Rack Elevations	•	•	•	•	•
TT-TD605	332	Telecom	Elevations	Campus	Rack Elevations	•	•	•	•	•
TT-TD606	333	Telecom	Schedule	Building 1	Data Center Cable Schedule	•	•	•	•	•
TT-TD701	334	Telecom	Riser	Telecommunications Backbone Cabling Riser Diagram (1 OF 2)		•	•	•	•	•
TT-TD702	335	Telecom	Riser	Telecommunications Backbone Cabling Riser Diagram (2 OF 2)		•	•	•	•	•
TT-TD703	336	Telecom	Riser	Telecommunications Grounding Riser Diagram		•	•	•	•	

GENERAL NOTES FOR CONTRACTORS

- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL PUBLISHED APPLICABLE LOCAL, STATE, FEDERAL, NATIONAL CODES, ORDINANCES AND REGULATIONS ALONG WITH ALL RELATED VA DIRECTIVES, DESIGN GUIDES AND MANUALS, SPECIFICATIONS AND STANDARDS PLUS ALL VA REQUIREMENTS (FEDERAL AND LOCAL) THAT ARE PROJECT SPECIFIC TO THE DOCUMENTED SCOPE OF WORK ON THIS SITE.
- EACH CONTRACTOR SHALL HAVE PUBLIC LIABILITY, PROPERTY DAMAGE AND WORKMAN'S COMPENSATION INSURANCE AS REQUIRED BY THE VA IN THE BIDDING DOCUMENTATION. CONTACT THE VACCO DURING THE BIDDING PHASE WITH ANY QUESTIONS, VERIFICATIONS, AND DOCUMENTATION NECESSARY CONCERNING ALL REQUIREMENTS FOR PROJECT INSURANCE COVERAGE.
- BEFORE SUBMITTING A BID, ALL CONTRACTORS WILL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS SO AS TO BE THOROUGHLY FAMILIAR WITH ALL THE CONTRACT REQUIREMENTS. EACH BIDDER SHOULD THEN VISIT THE SITE OF THE WORK TO BECOME ACQUAINTED WITH ALL VISIBLE FIELD CONDITIONS AFFECTING THE CONTRACT, SUCH AS OBSTACLES WHICH MAY BE ENCOUNTERED AND ALL OTHER CONDITIONS RELATIVE TO WHAT COULD AFFECT/IMPACT THE WORK OR BE AFFECTED BY THE PERFORMANCE OF THE WORK.
- IF AWARDED THE CONTRACT, THE CONTRACTORS SHALL NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON OF ANY UNFORESEEN DIFFICULTIES OR OBSTACLES WHICH THE BIDDER COULD HAVE REASONABLY ANTICIPATED PRIOR TO BIDDING. SHOULD ANY DISCREPANCIES, ERRORS, CONFLICT OR ITEMS NEEDING CLARIFICATION BE DISCOVERED IN THE PLANS AND/OR SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY THE VACCO PRIOR TO SUBMITTING A BID AND THE VACOR BEFORE STARTING ANY OF THE WORK.
- CONTRACTORS SHALL REFERENCE ALL DRAWINGS IN ALL SECTIONS OF WORK FOR FULLY DEFINING THEIR SCOPE OF WORK RESPONSIBILITIES AND COORDINATE SAME WITH THE GENERAL PRIME CONTRACTOR. SUBCONTRACTORS AND SUPPLIERS FOR EACH TRADE ARE ADVISED THAT INFORMATION PERTINENT TO THEIR SCOPE OF WORK ALSO OCCURS IN OTHER SECTIONS OF THE DRAWINGS AND THE COMPLETE SET OF CONTRACT DOCUMENTS.
- ALL ENGINEERING SYSTEMS WORK INCLUDED IN THE CONTRACT DRAWINGS SHALL BE TAKEN IN A SENSE AS A DIAGRAMMATIC REPRESENTATION OF ITS INTENDED PLACEMENT AND DISTRIBUTION WITHIN THE GENERAL PROXIMITY WHERE SHOWN. THE SIZE AND THE MEANS OF RUNNING DISTRIBUTION SYSTEMS ARE SHOWN BUT IT IS NOT INTENDED TO SHOW EVERY CONNECTION, FITTING, OFFSET, SUPPORT ELEMENT, OR EVERY STRUCTURAL DIFFICULTY THAT CAN BE ENCOUNTERED DURING THE INSTALLATION OF THE WORK.
- PROJECT LIMIT LINES ARE SHOWN ON THE DRAWINGS FOR ORIENTATION PURPOSES ONLY AND SHOULD NOT BE CONSTRUED TO INDICATE THE FULL EXTENT OR LIMITS OF THE AREA(S) OF WORK.
- EACH CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK SHALL FULLY COORDINATE AND VERIFY WITH ALL OTHER CONTRACTORS, OTHER TRADES AND THE VACOR CONCERNING ALL SPACE REQUIREMENTS FOR THIS PROJECT. THE GENERAL PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR COMMUNICATING, DOCUMENTING AND COORDINATING ALL SPACE REQUIREMENTS WITH THE VACOR TO AVOID CONFLICTS AND MISCOMMUNICATION.
- ALL EXISTING BUILDING UTILITIES AND INFRASTRUCTURE SERVICES SYSTEMS THAT FEED OTHER SPACES OUTSIDE THE DEMISED PROJECT AREA AND THAT ARE LOCATED WITHIN THE AREA OF WORK, THEREBY INTERFERING WITH THE NEW CONSTRUCTION, SHALL BE REROUTED AND RELOCATED AS REQUIRED TO MAINTAIN FULL SERVICE TO THE AFFECTED AREAS.
- ALL FINISHED AREAS ADJACENT TO OR INCLUDED WITHIN THE AREA(S) OF CONSTRUCTION ALONG WITH ALL PUBLIC PROJECT ACCESS ROUTES SHALL BE PROTECTED FROM DUST AND DIRT THROUGH THE USE OF VACOR APPROVED DUSTPROOF PROTECTION. SEE THE OCCUPIED AREA PROTECTION PROTOCOLS PROVIDED IN THE "GENERAL" DRAWINGS SECTION AND COORDINATE ALL SITE SPECIFIC CONDITIONS IMPACTS ENCOUNTERED WITH THE VACOR.
- DO NOT SCALE THE DRAWINGS. USE THE GIVEN DIMENSIONS.
- THE GENERAL PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL SHOP DRAWING REQUIREMENTS WITH ALL OF THE AFFECTED TRADES, THE VACOR AND WITH THE AE.
- OBTAIN ALL REQUIRED VACOR AUTHORIZATIONS BEFORE BEGINNING ANY DEMOLITION WORK OR NEW CONSTRUCTION, INCLUDING TEMPORARY BARRICADES AND PROTECTION WORK.
- EACH CONTRACTOR SHALL MAINTAIN A COMPETENT OSHA-30 FOREMAN OR EQUALLY QUALIFIED DIRECT REPRESENTATIVE ON THE JOB SITE AT ALL TIMES.
- EACH CONTRACTOR SHALL COOPERATE AND COORDINATE WITH THE GENERAL PRIME CONTRACTOR'S SUPERINTENDENT AND WITH THE FOREMAN OF ALL OTHER TRADES IN ORDER THAT THERE BE NO DELAYS IN THE EXECUTION AND COMPLETION OF THE WORK. CONTRACTOR TO IDENTIFY LONG LEAD TIME ITEMS AND COORDINATE WITH THE VA ACCORDINGLY.
- DURING CONSTRUCTION EACH CONTRACTOR SHALL KEEP ON SITE ACCURATE FIELD RECORDS OF ALL CONCEALED AND VISUALLY ACCESSIBLE WORK THAT DIFFERS FROM THE CONTRACT DRAWINGS/DOCUMENTS. THESE AS-BUILT MARKED-UP RECORD DRAWINGS/DOCUMENTS WILL BE KEPT UP TO DATE BY THE GENERAL PRIME CONTRACTOR AND PROVIDED TO THE VACOR FOR DISTRIBUTION AT THE COMPLETION OF THE PROJECT.
- IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO ADEQUATELY PROTECT EXISTING CONSTRUCTION AND FINISHES TO REMAIN IN PLACE DURING BOTH THE DEMOLITION AND CONSTRUCTION SEQUENCES OF WORK. ANY DAMAGE TO SUCH AREAS SHALL BE RESTORED AND REFINISHED TO A "LIKE-NEW" CONDITION PRIOR TO THE VACOR'S ACCEPTANCE OF THAT WORK.
- THE GENERAL PRIME CONTRACTOR IS RESPONSIBLE FOR THE PATCH, REPAIR, REFINISHING AND/OR REPLACEMENT OF ALL CONSTRUCTION, MATERIALS, ASSEMBLIES, EQUIPMENT, SIGNAGE AND FINISHES DAMAGED BY THE PROJECT DEMOLITION, TEMPORARY CONSTRUCTION, NEW CONSTRUCTION OR THE MOVEMENT OF PERSONNEL, TOOLS, EQUIPMENT, MATERIALS, ETC. BOTH INSIDE AND OUTSIDE OF THE DESIGNATED AREAS OF WORK.
- PROVIDE THE CUTTING AND PATCHING FOR ALL DEMOLITION WORK AND ALL NEW CONSTRUCTION WORK BEING PERFORMED OUTSIDE OF THE PROJECT LIMIT LINES AS REQUIRED TO PROPERLY COMPLETE THE PROJECT SCOPE OF WORK.
- ALL CUTTING, CORING AND DRILLING OF EXISTING CONCRETE AND MASONRY CONSTRUCTION SHALL NOT DAMAGE EXISTING REINFORCING STEEL, PIPING, CONDUITS OR OTHER CONCEALED CONSTRUCTION WITHIN. PRIOR TO CORING, DRILLING, CUTTING OR PERFORMING ANY BREAKING EFFORTS, PROVIDE PENETRATING FIELD X-RAYING OF THE INTENDED AREAS AND DOCUMENT THE EXACT SIZE AND LOCATIONS OF ALL SUCH INTERFERENCES. COORDINATE WITH AND OBTAIN VACOR APPROVAL BEFORE PROCEED WITH ANY SUCH REQUIRED PENETRATIONS WORK.
- RELOCATIONS OF ANY INFRASTRUCTURE DISTRIBUTION SYSTEMS OR EQUIPMENT, WHICH MAY ALTER THE ARCHITECTURAL OR STRUCTURAL CONSTRUCTION, MUST BE APPROVED FIRST BY THE VACOR PRIOR TO STARTING ITS RELOCATION.
- THE GENERAL PRIME CONTRACTOR IS RESPONSIBLE TO PROVIDE THE REMOVAL OF ALL CONSTRUCTION DEMOLITION DEBRIS, SPOIL AND MATERIALS FROM THE PROJECT SITE ON A DAILY BASIS UNLESS SPECIFICALLY REFERENCED OTHERWISE IN THE PROJECT SPECIFIC LOGISTICAL SEQUENCING REQUIREMENTS.
- CONTRACTORS TO ENSURE ALL FIRE RESISTIVE RATINGS ARE MAINTAINED PER LOCATIONS SHOWN ON THE DRAWINGS AND AS DISCOVERED IN THE FIELD. ALL PENETRATIONS ARE TO BE SEALED BY AN APPROVED UL FIRESTOPPING SYSTEM. SEAL ALL EXISTING PENETRATIONS EXPOSED DURING CONSTRUCTION AS PER THE APPROVED UL FIRESTOPPING SYSTEM INSTALLATION REQUIREMENTS. FOLLOW THE MANUFACTURER'S DESIGN RECOMMENDATIONS FOR THE PROPER FIRE STOPPING MATERIAL TO BE USED IN EACH SPECIFIC APPLICATION.
- ALL FIRESTOPS SHALL MATCH THE FIRE RATING OF THE CONSTRUCTION BEING PENETRATED, SUCH AS WALLS, FLOORS, CEILINGS, PARTITIONS ETC. AND SHALL COMPLY WITH ALL CODE REQUIREMENTS. USE ONLY A SINGLE (FMRC) APPROVED MANUFACTURERS LINE OF PRODUCTS FOR ALL PROJECT FIRESTOPPING.
- THE BASIS OF DESIGN FOR ALL FIRE STOPPING WILL BE PRODUCTS AS MANUFACTURED BY THE 3M COMPANY.
- PROVIDE AN HOURLY RATED FIRESTOP AT ALL PENETRATIONS OF RATED CONSTRUCTION AND/OR ASSEMBLIES, WHETHER NEW OR EXISTING, AND AS A DIRECT RESULT OF THE PROJECT DEMOLITION WORK OR NEW CONSTRUCTION. WHERE COMBUSTIBLE PENETRANTS OCCUR USE A FIRE RATED INTUMESCENT MATERIAL AND WHERE NONCOMBUSTIBLE PENETRANTS OCCUR USE A FIRE RATED ENDOTHERMIC MATERIAL. ALL FIRESTOPPING WORK MUST BE APPROVED BY THE VACOR BEFORE CONCEALED BY CONSTRUCTION.
- GC TO PROVIDE PROFESSIONAL MOVING TEAM TO MOVE FURNITURE FOR ACCESS TO DATA PORTS IN ALL SPACES REQUIRING NEW CAT 6A CABLING. GC TO COORDINATE THIS WORK IN THE SCHEDULE AND PHASING PLAN WITH THE VA.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ALL ROOFING PENETRATIONS AND ROOF REPAIRS RESULTING FROM WORK BY MECHANICAL AND ELECTRICAL CONTRACTORS AND AS INDICATED ON DRAWING SHEETS M501, M502 AND E502.

OCCUPIED AREA PROTECTION PROTOCOLS

- VERIFY AND COORDINATE ALL PROTECTION REQUIREMENTS TO BE PROVIDED FOR EACH SPECIFIC AREA OR LOCATION OF SCHEDULED WORK WITH THE VACOR, BEFORE BEGINNING ANY WORK. WHEN PERFORMING CONSTRUCTION WORK (DEMOLITION OR NEW) IN OCCUPIED SPACES, THE FOLLOWING PROTECTION PROTOCOLS WILL BE FOLLOWED ON A DAILY BASIS UNLESS MODIFIED IN WRITING BY THE VACOR ON A CASE BY CASE BASIS:
- CAREFULLY MOVE/RELOCATE ANY SIGNAGE, WALL HUNG ITEMS, BLINDS, CURTAINS, ETC. THAT ARE WITHIN THE AREAZONE WHERE THE WORK IS TO BE ACCOMPLISHED AND IN DANGER OF BEING DAMAGED BY THE PERFORMANCE OF THE WORK, INCLUDING DAMAGE THAT CAN BE CAUSED BY FALLING OBJECTS, DUST OR MOISTURE. NOTE: THIS ALSO APPLIES TO THE DIRECT ACCESS ROUTE(S) THRU THE OCCUPIED AREA(S) TO AND FROM THE ACTUAL WORK AREAZONE. NOTE: THE VACOR WILL BE RESPONSIBLE TO MOVE/RELOCATE ANY FURNITURE, EQUIPMENT, BOXES, FILES, USER BELONGINGS, ETC. THAT WOULD BE IN THE AREA OF WORK AND OBSTRUCT/INTERFERE WITH THE PERFORMANCE OF THE CONTRACTOR'S WORK. COORDINATE ALL REQUIRED VA RELOCATIONS WITH VACOR.
 - CAREFULLY PROVIDE FULL PROTECTIVE DUST, MOISTURE AND DAMAGE PREVENTION BARRIERS/COVERS FOR ALL SUCH ITEMS ADDRESSED ABOVE INCLUDING THE ADDITIONAL PROTECTION OF ALL WALL SURFACES/FINISHES, WINDOWS/GLAZING, DOORS, FRAMES, HARDWARE, CARPETING, FLOOR COVERINGS, WALL BASE, ELECTRICAL DEVICES, WALL/CEILING MOUNTED EQUIPMENT & CONTROLS, CEILING CONSTRUCTION, TILE, GRID, WALL ANGLES, LIGHT FIXTURES, DIFFUSERS, GRILLES, LIFE SAFETY DEVICES, FIRE SPRINKLER HEADS, ETC.
 - FLOOR FINISHES SHALL BE PROTECTED THROUGHOUT THE AREA WITH A 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN) AND/OR TEMPORARY TARP/AULIN(S)/DROP CLOTH(S) AS A MINIMUM FOR DUST, MOISTURE AND VERY LIGHT FOOT TRAFFIC PROTECTION.
 - ALL MAIN TRAFFIC AREAS TO AND INSIDE THE WORK ZONE/AREAS SHALL HAVE ADDITIONAL PROTECTION PROVIDED OVER THE 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN), IN THE FORM OF FULL SHEETS OF 3/16" TEMPERED HARDBOARD (MASONITE) 4'X8' PANELS. ALL MASONITE PANELS SHALL BE FIRMLY HELD TOGETHER AND SECURED IN PLACE VIA THE USE OF AN INDUSTRY APPROVED 2" HEAVY DUTY CONSTRUCTION ADHESIVE TAPE, INTENDED FOR THIS APPLICATION. NOTE: ALL BOARD TO BOARD JOINTS WILL BE FULLY TAPED THE LENGTH OF THE JOINT AND ALL BOARD TO VISQUEEN JOINTS WILL BE TAPED AT 4" ON CENTER WITH A MINIMUM 8" LENGTH OF TAPE. PAINTERS TAPE AND/OR MASKING TAPE ARE NOT CONSIDERED EQUIVALENTS TO THE HEAVY DUTY CONSTRUCTION ADHESIVE TAPE BEING SPECIFIED.
 - CONSTRUCT A TEMPORARY FULL HEIGHT, FULLY SEALED, CONTAINMENT ENCLOSURE AROUND ALL CONSTRUCTION AREAS/ZONES IN ORDER TO CONTAIN AS MUCH DUST AND DEBRIS AS POSSIBLE DURING THE PERFORMANCE OF ANY DEMOLITION, CONSTRUCTION AND CLEAN-UP WORK.
 - THE TEMPORARY FULL HEIGHT CONTAINMENT ENCLOSURES SHOULD BE CONSTRUCTED OF A MINIMUM 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN) WITH THE USE OF THE APPROPRIATE TELESCOPICALLY ADJUSTABLE ALUMINUM OR METAL VERTICAL SPRING LOADED SUPPORT STUDS/POLES. FULL HEIGHT FOAM PADDED RAILS, PRESSURE FIT AT ALL PERIMETER WALL/PARTITION CONNECTION CONDITIONS ARE TO BE UTILIZED IN ORDER TO MINIMIZE THE USE OF TAPE SEALS ON ALL FINISHED WALL SURFACES.
 - WHEN ALL WORK IS COMPLETED FOR THE PREARRANGED SPECIFIC LOCATION(S), SCHEDULED TASKING AND IDENTIFIED PERIOD OF TIME THE ENTIRE AREA IS TO BE FULLY CLEANED-UP. ALL TEMPORARY CONTAINMENT ENCLOSURES AND PROTECTION REMOVED WITH ALL ITEMS IDENTIFIED IN NOTE #1 RETURNED TO THEIR PRIOR FUNCTIONING POSITIONS. NOTE: FULLY CLEANED-UP MEANS COMMERCIAL VACUUM CLEANED WITH ALL SURFACES BEING FULLY WIPE DOWNS AND DUST FREE AS THE CONTRACTOR ACCEPTED THE AREA/SPACE PRIOR TO PERFORMING THE WORK.
 - ALL SPACES WILL BE RETURNED TO THE USER, BY THE CONTRACTOR, AS A COMMERCIAL CLEAN ENVIRONMENT WITH ALL OPEN CONSTRUCTION SURFACES SEALED WITH TEMPORARY CONSTRUCTION MATERIALS INCLUDING THE USE OF 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING (VISQUEEN), IN ORDER TO AVOID DUST PARTICLES FROM THE CONSTRUCTION AREA MIGRATING INTO THE OCCUPIED USER'S AREA(S)/SPACE(S).
 - UNLESS DIRECTLY SPECIFIED AND CONFIRMED BY THE VACOR OTHERWISE, ALL TEMPORARY PROTECTION AND ENCLOSURES ARE TO BE SET-UP AND KNOCKED-DOWN ON A DAILY BASIS SUCH THAT THE USERS OF THE OCCUPIED AREAS ARE NOT TO BE INCONVENIENCED AND PREVENTED FROM FUNCTIONING WITHIN THEIR SPACE(S)/AREA(S)/ROOM(S) DURING THEIR NORMAL BUSINESS HOURS OF OPERATION.
 - THE BASIS OF DESIGN FOR ALL 6 MIL HEAVY DUTY STRING REINFORCED FIRE RETARDANT POLYETHYLENE SHEETING WILL BE IN FULL COMPLIANCE WITH NFPA 701-04, ASTM E84 AND CPAI 84 SECTION 6. IT SHALL BE MANUFACTURED WITH 3 PLY CONSTRUCTION CONSISTING OF FIRE RETARDANT VIRGIN POLYETHYLENE IN THE (2) OUTER LAYERS OF PLASTIC WITH A DIAMOND SCRIM REINFORCING MESH PLACED BETWEEN.
 - MOBILE CONTAINMENT SYSTEMS MAY BE UTILIZED WHERE APPLICABLE, IF APPROVED FOR USE BY THE VACOR. MOBILE UNITS SHALL BE FULLY EQUIPPED WITH A NEGATIVE AIR HEPA FILTRATION SYSTEM THAT IS IN COMPLIANCE WITH THE INFECTION CONTROL REQUIREMENTS OF EACH SPECIFIC AREA OF WORK AND TASK BEING PERFORMED.

BOD COMPLIANCE PROTOCOLS:

- INTENT:
1. TO ORGANIZE AND IDENTIFY THE "EQUIVALENCY SUBSTITUTION PROCESS" IN ORDER TO FORMALIZE THE PROCESS, CLARIFY RESPONSIBILITIES, PROACTIVELY MANAGE THE PROCESS AND MINIMIZE COSTLY DELAYS IN THE EXECUTION OF THE WORK.
2. THERE ARE NO INTENDED RESTRICTIONS LIMITING COMPETITION ON THE EQUIVALENT SUBSTITUTION OF MATERIALS, EQUIPMENT, HARDWARE, FINISHES, CONTROLS, SYSTEMS AND THEIR INCLUSIVE PARTS, DETAILED ASSEMBLIES, RELATED DESIGN ELEMENTS AND PERFORMANCE CHARACTERISTICS, UNLESS AS IDENTIFIED IN THE BID SOLICITATION.
- SUMMARY DESCRIPTION:
1. THE BASIS OF DESIGN (BOD) INCORPORATES THE DESIGN INTENT AND PERFORMANCE BASED CHARACTERISTICS FOR ALL MATERIALS, SYSTEMS AND WORKMANSHIP THAT IS INCLUDED IN THE CONSTRUCTION DOCUMENTS AND REFERENCED BY SAME.
2. THE BOD COMPLIANCE PROTOCOLS ARE TO BE FOLLOWED FOR ALL PROPOSED EQUIVALENT SUBSTITUTIONS, DEPARTURES OR ADJUSTMENTS FROM THE CONSTRUCTION DOCUMENT DRAWINGS, DETAILING, AND SPECIFICATIONS PROVIDED THE SUBSTITUTIONS, DEPARTURES, OR ADJUSTMENTS MEET THE DESIGN INTENT, SCOPE OF WORK (SOW) CRITERIA REQUIREMENTS, AND PERFORMANCE BASED CHARACTERISTICS.
3. NO SUCH EQUIVALENT SUBSTITUTION, DEPARTURES OR ADJUSTMENTS WILL BE ALLOWED WITHOUT FIRST GOING THROUGH THE BOD COMPLIANCE PROTOCOLS PROCESS AND OBTAINING THE GOVERNMENT'S APPROVAL FROM THE GENERAL PRIME CONTRACTING OFFICER (CO).
- THE BOD COMPLIANCE PROTOCOLS APPLY TO ALL MATERIALS, EQUIPMENT, HARDWARE, FINISHES, CONTROLS, ENGINEERING SYSTEMS AND THEIR INCLUSIVE PARTS, DETAILED ASSEMBLIES, IMPACTED ELEMENTS OF WORK PLUS ALL RELATED DESIGN CRITERIA ELEMENTS AND SPECIFIED PARAMETERS THAT ARE CONTAINED WITHIN THE BID/ISSUED FOR CONSTRUCTION DRAWINGS AND SPECIFICATIONS DOCUMENTATION, OR AS SPECIFICALLY REFERENCED BY SAME.
 - SPECIFIC DESIGN INTENT AND PERFORMANCE CHARACTERISTICS REQUIRING BOD COMPLIANCE ANALYSIS WILL VARY WITH EACH SPECIFIC ITEM BEING PROPOSED AS AN EQUIVALENT SUBSTITUTION AND WILL NEED TO BE FULLY COMPARED AND ANALYZED TO ESTABLISH BOD EQUIVALENCY COMPLIANCE.
 - CRITICAL DESIGN CHARACTERISTICS AND ELEMENTS ARE SPECIFIC TO EACH ITEM NEEDING CONSIDERATION AND COULD CONSIST OF, BUT NOT LIMITED TO, CRITERIA SUCH AS DIMENSIONAL LOGISTICS, PERFORMANCE CHARACTERISTICS, CAPACITY, DUTY REQUIREMENTS, OPERATIONAL EFFICIENCIES, ACOUSTICAL REQUIREMENTS, UTILITIES IMPACTS, CONNECTION ADJUSTMENTS, DETAILING DEPARTURES, FRAMING ALTERATIONS, ROUGH IN REQUIREMENTS, WEIGHT INCREASES AND/OR DISTRIBUTIONS, STRUCTURAL IMPACTS, ATTACHMENTS, SUPPORTS, FINISHES, AVAILABILITY, COMPATIBILITY, CONSTRUCTABILITY, WARRANTIES, SERVICE LIFE, MAINTENANCE REQUIREMENTS, ENVIRONMENTAL CONSIDERATIONS, LEED RELATED DESIGN CONSIDERATIONS, ETC.
 - A VERY CRITICALLY IMPORTANT DESIGN CHARACTERISTIC OF ALL BOD ITEMS NEEDING TO BE FULLY EVALUATED AND PROPERLY COORDINATED WOULD BE THE DESIGN AND LAYOUT OF DIMENSIONAL LOGISTICS REQUIREMENTS. THOSE CRITICAL PARAMETERS COULD CONSIST OF, BUT NOT LIMITED TO, ALL DIMENSIONAL ELEMENTS THAT AFFECT SIZE, HEIGHT, WIDTH, DEPTH, THICKNESS, PLACEMENT, SPACING, CLEARANCES, ACCESS, MOUNTING, CONNECTIONS AND LOCATION REQUIREMENTS, INSTALLATION TOLERANCES, OPERABLE ELEMENT CLEARANCES, ETC., ALL OF WHICH COULD IMPACT OTHER AREAS OF CONSTRUCTION OR COMPONENTS OF WORK REQUIRING ADJUSTMENTS IN ORDER TO COMPLY WITH THE DESIGN INTENT.
 - CONTRACTORS WILL BE RESPONSIBLE TO FULLY IDENTIFY ALL PROPOSED EQUIVALENT SUBSTITUTIONS, DEPARTURES, IMPACTS, ALTERATIONS AND ADJUSTMENTS FROM THE "BASIS OF DESIGN" INTENT TO THE GENERAL PRIME CONTRACTOR DURING THE BIDDING PROCESS AND OBTAIN THEIR APPROVAL BEFORE COMPLETING THEIR PROPOSAL AND SUBMITTING A BID TO SAME.
 - IF A PROPOSED EQUIVALENT SUBSTITUTION ITEM WILL REQUIRE THAT ALTERATIONS AND/OR ADJUSTMENTS NEED TO BE MADE, TO THE WORK OF THE PROVIDING CONTRACTOR, THE WORK OF OTHER CONTRACTORS OR THE WORK OF THE VA, THE SUBMITTING CONTRACTOR SHALL BE FULLY RESPONSIBLE TO INFORM AND ADVISE THE GENERAL PRIME CONTRACTOR OF ANY AND ALL SUCH NECESSARY IMPACTS REQUIRED AS A PART OF THEIR BIDDING AND FUTURE CONTRACTUAL SCOPE OF WORK RESPONSIBILITIES.
 - THE CONTRACTOR PROPOSING THE EQUIVALENT SUBSTITUTION SHALL BE RESPONSIBLE FOR ALL RELATED WORK AND SHALL IDENTIFY, VERIFY, COORDINATE AND PROVIDE ENGINEERED SOLUTIONS FOR ALL IMPACT ISSUES AFFECTING INFRASTRUCTURE SYSTEMS, UTILITIES SERVICES, BUILDING STRUCTURE, SURROUNDING ELEMENTS, AND SYSTEMS AFFECTED FROM WEIGHT DIFFERENTIALS, REVISED LOADING CHARACTERISTICS, CONNECTION AND MOUNTING VARIANCES, INSTALLATION CONFLICTS AND DETAILING ALTERATIONS OR ADJUSTMENTS, ETC. CAUSED BY THE EQUIVALENT SUBSTITUTION REQUIREMENTS.
 - SPECIAL ATTENTION NEEDS TO BE PAID TO ANY SYSTEMS EQUIPMENT AND MATERIAL PERFORMANCE CHARACTERISTICS INCLUDING ALL ASPECTS OF THEIR DIMENSIONAL LOGISTICS FEATURES AND REQUIREMENTS ALONG WITH ANY STRUCTURAL AND UTILITIES IMPACTS.
 - EACH EQUIVALENT SUBSTITUTION REQUEST ALONG WITH ANY AND ALL IMPACTS, VARIANCES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO OTHER ELEMENTS OF WORK WILL ALSO REQUIRE VACCO APPROVAL(S) BEFORE ANY SUCH REQUEST IS DEEMED APPROPRIATE BY THE GOVERNMENT AND ALLOWED TO PROCEED INTO THE NORMAL SHOP DRAWING PREPARATION, SUBMITTAL AND REVIEW PROCESS.
 - NO REQUEST FOR AN EQUIVALENT SUBSTITUTION REVIEW IS ALLOWED TO BE MADE VIA A SHOP DRAWING SUBMISSION. ANY SUCH SUBMISSION WILL NOT BE REVIEWED AND WILL BE REJECTED AS NON-COMFORMING WITH THE DESIGN INTENT AND NOTED THAT THE CONTRACTOR IS TO FOLLOW THE STANDARD BOD COMPLIANCE PROTOCOLS.
 - ANY UNDOCUMENTED OR UNFORESEEN IMPACTS, VARIANCES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO ELEMENTS OF WORK AS A RESULT OF AN EQUIVALENCY SUBSTITUTION THAT SURFACE DURING THE CONSTRUCTION PHASE SHALL IMMEDIATELY BE MADE KNOWN TO THE GENERAL PRIME CONTRACTOR WHO WILL IN TURN NOTIFY THE VACOR. ALL SUCH UNDOCUMENTED OR UNFORESEEN CONDITIONS WILL BE FULLY IDENTIFIED, DOCUMENTED AND SUBMITTED TO THE VACOR FOR REVIEW, EVALUATION AND DIRECTION(S) ON HOW TO PROCEED.
 - ANY NON-COMPLIANT EQUIVALENT SUBSTITUTIONS WORK FOUND TO BE IN PLACE DURING THE CONSTRUCTION PHASE THAT HAD NOT GONE THROUGH THE BOD COMPLIANCE PROTOCOLS APPROVAL PROCESS AND THAT DOESN'T HAVE THE VACCO'S APPROVAL WILL BE SUBJECT TO POSSIBLE REJECTION AND REMOVAL AS DETERMINED BY THE GOVERNMENT.
 - THE FINAL INSTALLATION OF ANY EQUIVALENT SUBSTITUTION AND ITS IMPACTS SHALL NOT COMPROMISE ANY OF THE BOD PERFORMANCE CHARACTERISTICS NOR SHALL IT ENCUMBER ANY OF THE ASSOCIATED DESIGN INTENT LAYOUT AND DIMENSIONAL LOGISTICS REQUIREMENTS.
 - ALL EQUIVALENT SUBSTITUTION INSTALLATIONS AND THEIR IMPACTS TO OTHER SOW ELEMENTS SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES, REGULATIONS AND VA REQUIREMENTS, PLUS ALLOW ANY SYSTEMS, EQUIPMENT AND/OR MATERIALS TO FUNCTION PROPERLY AND SAFELY.

BASIS OF DESIGN (BOD) COMPLIANCE PROTOCOLS

BOD EQUIVALENT SUBSTITUTIONS PROCESS SEQUENCE

- STEP 1: BIDDING PHASE**
1. ALL BOD PROPOSED EQUIVALENT SUBSTITUTIONS AND THEIR ASSOCIATED IMPACTS ON OTHER SOW ELEMENTS SHALL BE FULLY IDENTIFIED AND COORDINATED WITH THE GENERAL PRIME CONTRACTOR(S) SUCH THAT THE COST OF ALL ASSOCIATED SCOPE OF WORK IMPACTS DIRECTLY AFFECTING OTHER TRADES SHALL BE INCLUDED IN THE BASE BIDS OF ALL AFFECTED CONTRACTORS.
- STEP 2: CONTRACTORS IDENTIFY PROPOSED EQUIVALENT SUBSTITUTION(S)**
1. ALL CONTRACTORS, BEFORE SUBMITTING THEIR REQUEST FOR EQUIVALENT SUBSTITUTION CONSIDERATION SHALL BE RESPONSIBLE TO HAVE FULLY VERIFIED AND CERTIFIED IN WRITING THAT THE DESIGN CHARACTERISTICS OF THE ITEMS THEY WILL BE SUBMITTING FOR BOD COMPLIANCE REVIEW MEETS OR EXCEEDS THE DESIGN INTENT AND PERFORMANCE REQUIREMENTS AS DESIGNED, DETAILED AND SPECIFIED.
- STEP 3: CONTRACTORS PREPARE DETAILED COMPARISONS**
1. THE REQUESTING CONTRACTOR SHALL PREPARE AND PROVIDE TO THE GENERAL PRIME CONTRACTOR A FULL LINE ITEM, SIDE-BY-SIDE COMPARISON LISTING SPREAD SHEET OF ALL BOD DESIGN AND MANUFACTURED CHARACTERISTICS VERSUS THE SAME FOR THE EQUIVALENT SUBSTITUTION BEING PROPOSED.
2. ALL EQUIPMENT, MATERIALS OR ASSEMBLY EQUIVALENT SUBSTITUTIONS SHALL BE PROVIDED ON A CONTRACTOR PREPARED ITEMIZED LISTING PER EACH REQUESTED SUBSTITUTION WITH A FULL AND DETAILED COMPARATIVE DESCRIPTION OF ALL SPECIFICATIONS, PERFORMANCE CHARACTERISTICS, CAPACITIES, WEIGHT, DIMENSIONAL LOGISTICS AND KNOWN IMPACTS, DEPARTURES, ALTERATIONS OR ADJUSTMENTS FROM THE ORIGINAL BOD.
3. CONTRACTOR SHALL UTILIZE THE ORIGINAL MANUFACTURER'S PUBLISHED SPECIFICATIONS AND PRODUCT DATA SHEETS ALONG WITH ANY ADDITIONAL CHARACTERISTICS AND PERFORMANCE CRITERIA REQUIRED AND SPECIFIED IN THE CONSTRUCTION DOCUMENTS AS THE BASIS FOR THE DEVELOPMENT OF THE LINE BY LINE COMPARISON CRITERIA SPREAD SHEET.
- STEP 4: CONTRACTORS IDENTIFY RELATED IMPACTS**
1. THE REQUESTING CONTRACTOR SHALL BE RESPONSIBLE TO FULLY IDENTIFY AND DOCUMENT ALL PROPOSED EQUIVALENT SUBSTITUTION CAUSED IMPACTS, DEPARTURES, ALTERATIONS OR ADJUSTMENTS REQUIRED FROM THE ORIGINAL BOD REQUIREMENTS WITH THE GENERAL PRIME CONTRACTOR AS WELL AS ALL AFFECTED CONTRACTORS.
2. SEE THE DETAILED PROTOCOL REQUIREMENTS FOR THE EXTENT OF RESPONSIBILITIES AND DOCUMENTATION REQUIRED FOR THIS CRITICAL ITEM.
- STEP 5: CONTRACTOR'S DOCUMENTATION TO GENERAL PRIME CONTRACTOR**
1. CONTRACTORS SHALL COORDINATE WITH THE GENERAL PRIME CONTRACTOR AS TO THE SPECIFIC DATE THAT EACH IS REQUIRED FOR THE COMPLETION OF THEIR EQUIVALENT SUBSTITUTION SUBMISSION REQUEST DOCUMENTATION AND DELIVERY OF THE COMPLETED PACKAGE(S) TO THEM.
2. CONTRACTORS SHALL FULLY COORDINATE THEIR PREPARATION OF ALL REQUIRED DOCUMENTATION AND EQUIVALENCY SUBSTITUTION REQUIREMENTS WITH THE GENERAL PRIME CONTRACTOR IN ORDER TO AVOID ANY AND ALL IMPACTS ON THE PROJECT SCHEDULE AS WELL AS PERFORMING THEIR REQUIRED FORMALIZED REQUEST FOR EQUIVALENCY SUBSTITUTION SUBMISSION.
3. ALL EQUIVALENT SUBSTITUTION REQUESTS ALONG WITH THEIR REQUIRED SUBMISSION REQUEST DOCUMENTATION SHALL BE DELIVERED TO THE GENERAL PRIME CONTRACTOR AS REQUIRED BY SAME IN TIME FOR THE GC'S FIRST SUBMISSION OF THE PROPOSED PROJECT CONSTRUCTION SCHEDULE BEING SUBMITTED TO THE GOVERNMENT FOR REVIEW.
- STEP 6: GENERAL PRIME CONTRACTOR RESPONSIBLE FOR COORDINATION**
1. THE GENERAL PRIME CONTRACTOR SHALL BE RESPONSIBLE TO FULLY IDENTIFY, DOCUMENT, MAKE SUBMISSIONS, TRACK, COORDINATE, OBTAIN CONTRACTING OFFICER (CO) APPROVALS AND INCLUDE THE COST OF ALL SUCH EQUIVALENT SUBSTITUTION, WORK IN THEIR COST OF CONSTRUCTION AS WELL AS ALLOWED FOR WITHIN THEIR PROJECT SCHEDULE.
2. THE GENERAL PRIME CONTRACTOR HAVING BEEN MADE FULLY AWARE OF POTENTIAL EQUIVALENCY SUBSTITUTIONS AND IMPACTS DURING THE BIDDING PROCESS SHALL INCLUDE AND DOCUMENT THIS BOD PROCESS IN THEIR DETAILED PROJECT SCHEDULE ALLOWING A SEPARATE TASK ITEM TIMELINE FOR EACH WITH CRITICAL DATES AND PERFORMANCE TARGETS IDENTIFIED AND TRACKED.
3. THE GENERAL PRIME CONTRACTOR SHORTLY AFTER CONTRACT AWARD AND EXECUTION SHALL NOTIFY AND COORDINATE WITH THE VACOR, ALL SUCH KNOWN EQUIVALENT SUBSTITUTION REQUESTS ALONG WITH ALL POSSIBLE IMPACTS FROM THE SPECIFIC BOD REQUIREMENTS PROVIDED IN THE DRAWINGS AND SPECIFICATIONS.
4. ALL SUCH IMPACTS, DEPARTURES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO ELEMENTS OF WORK WILL BE FULLY IDENTIFIED, DOCUMENTED AND SUBMITTED TO THE VACOR FOR REVIEW, EVALUATION AND DIRECTION(S) ON HOW TO PROCEED.
5. THE GENERAL PRIME CONTRACTOR WILL ALSO BE RESPONSIBLE TO FULLY IDENTIFY AND COORDINATE ALL EQUIVALENCY SUBSTITUTION IMPACTS WITH ALL AFFECTED CONTRACTORS AND TRADES TO BE SURE THAT ALL SUCH WORK IS INCLUDED IN THEIR SCOPE OF WORK.
- STEP 7: TRACKING LIST OF PROPOSED EQUIVALENT SUBSTITUTIONS AND IMPACTS**
1. THE SUCCESSFUL GENERAL PRIME CONTRACTOR SHALL PREPARE A COMPLETE MASTER LISTING, BY SPECIFICATION AND/OR DRAWING SECTIONS, OF ALL PROPOSED EQUIVALENT SUBSTITUTION REQUESTS.
2. THIS MASTER LISTING WILL CONSIST OF A SUMMARY DESCRIPTION OF EACH REQUEST ALONG WITH A BULLET POINT LISTING OF THE MAJOR IMPACTS, DEPARTURES, ALTERATIONS AND ADJUSTMENTS REQUIRED RESULTING FROM IT.
3. THIS DOCUMENT WILL BE PREPARED AS A SPREAD SHEET AND UTILIZED AS A TRACKING TOOL FOR DOCUMENTING ALL SIGNIFICANT ASSOCIATED DATES, ACTION ITEMS, CURRENT STATUS, REJECTIONS, RESUBMISSIONS, APPROVALS AND ADDITIONAL PERTINENT ISSUES AND ITEMS TO BE RECORDED AND TRACKED AS REQUIRED BY THE VACOR.
- STEP 8: TRACKING LIST OF PROPOSED EQUIVALENT SUBSTITUTIONS AND IMPACTS**
1. THE SUCCESSFUL GENERAL PRIME CONTRACTOR SHALL SUBMIT TO THE VACOR FOR PRELIMINARY REVIEW A MASTER SUMMARY LISTING OF ALL EQUIVALENT SUBSTITUTION REQUESTS WITH ANY ALL IMPACTS IDENTIFIED A MINIMUM OF TWO WEEKS PRIOR TO THE FIRST SUBMISSION OF THEIR PROJECTED PROJECT SCHEDULE.
2. A SEPARATE FULLY DETAILED SUBMISSION DOCUMENTATION PACKAGE SHALL BE PREPARED FOR EACH SUBSTITUTION REQUEST AND WILL CONSIST OF STEPS NUMBER 2, 3, 4 & 5 ALONG WITH ANY ADDITIONAL PERTINENT INFORMATION DEEMED NECESSARY SUCH AS SKETCHES, DETAILED DRAWINGS, ENGINEERING DESIGN AND CALCULATIONS, MORE DETAILED DESCRIPTIONS, ETC. THIS SUBMISSION DOCUMENTATION PACKAGE SHALL BE SUBMITTED WITH THE FIRST SUBMISSION OF THEIR PROJECTED PROJECT SCHEDULE TO THE VACOR.
- STEP 9: VA REVIEW AND ACTION NOTIFICATION**
1. THE VACOR SHALL REVIEW EACH SUBSTITUTION REQUEST PACKAGE AND TAKE SUCH ACTION AS DEEMED NECESSARY ON EACH. SUCH ACTION COULD CONSIST OF REJECTION, APPROVAL OR DIRECTION ON PROVIDING MORE DETAILED INFORMATION AND/OR CLARIFICATION(S) ON EACH SUBMISSION AND/OR EACH IMPACT.
2. AS PART OF THE VA'S REVIEW PROCESS THE AE WILL ALSO BE INCLUDED IN A SIMILAR FASHION TO THE SHOP DRAWING REVIEW PROCESS AND SHALL CONSULT WITH THE VACOR AND PROVIDE A RECOMMENDATION FOR THE VA'S CONSIDERATION.
3. THE AE WILL REJECT IMMEDIATELY WITHOUT REVIEWING ANY SUBMITTAL THAT IS DEEMED INCOMPLETE AND NOT IN COMPLIANCE WITH THE BOD PROTOCOLS COMPLIANCE REQUIREMENTS.
4. IT SHOULD BE NOTED THAT IT IS NOT THE VA'S OR THE AE'S RESPONSIBILITY TO RESEARCH, DOCUMENT AND PROVE EQUIVALENCY, THAT IS THE REQUESTING/SUBMITTING CONTRACTOR'S RESPONSIBILITY AS PER THESE PROTOCOLS. THE AE'S RESPONSIBILITY IS TO REVIEW AND ANALYZE THE DETAILED COMPARATIVE DOCUMENTATION AS PROVIDED AND ADVISE THE VACOR ON WHAT WAS SUBMITTED.
- STEP 10: VA APPROVAL ALLOWS SHOP DRAWING PROCESS TO BEGIN**
1. PRIOR TO THE CONTRACTOR(S) BEING ALLOWED TO PROCEED WITH SHOP DRAWING PREPARATION AND THE OFFICIAL SHOP DRAWING SUBMISSION(S) PROCESS, THEY WILL FIRST NEED TO OBTAIN THE VACCO APPROVAL(S) ON EACH EQUIVALENT SUBSTITUTION REQUEST THAT WILL AFFECT THE SHOP DRAWING PROCESS FOR THAT SPECIFIC ITEM AND AREA OF WORK.
- STEP 11: IMPLEMENTATION OF SUBSTITUTION(S) AND IMPACT(S)**
1. ONCE APPROVED BY THE VACCO THE CONTRACTORS SHALL PERFORM THEIR FINAL COORDINATION EFFORTS AND BEGIN THE NORMAL SHOP DRAWING PREPARATION AND SUBMITTAL PROCESS INCLUDING PROVIDING ANY ADDITIONAL ENGINEERING WORK NECESSITATED BY THE EQUIVALENT SUBSTITUTION.
2. THE GENERAL PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK ASSOCIATED WITH AND IMPACTED BY ANY EQUIVALENT SUBSTITUTION ALONG WITH THE COMPLETE COORDINATION AND MANAGEMENT OF THE WORK WITHOUT ADDITIONAL COST TO THE GOVERNMENT.

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ISSUE FOR BID	09/02/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 3	08/09/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 2	06/27/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION + MOD 2	06/10/2022
FINAL CONSTRUCTION DOCUMENTS SUBMISSION	03/28/2022
100% CONSTRUCTION DOCUMENTS SUBMISSION	03/14/2022
95% CONSTRUCTION DEVELOPMENT SUBMISSION	02/10/2022
65% DESIGN DEVELOPMENT SUBMISSION	12/09/2021
35% DESIGN DEVELOPMENT SUBMISSION	10/07/2021
Revisions:	Date:

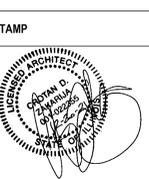
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ARCHITECT/ENGINEER OF RECORD

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
GENERAL - CONTRACTOR & BASIS-OF-DESIGN PROTOCOL

NOTES
Approved: Project Director

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES

Location
DES MOINES, IOWA

Issue Date
09/02/2022

Checked
YH/MG

Drawn
MG/YH

Project Number
636A6-21-101

Building Number
1, 2, 3, 4, 5, 6M, 7M, 9, 10, 11, 12, 21, 24, 25, 27, & 28

Drawing Number
GI001

GENERAL NOTES- WALL AND CEILING PAINTING

- WHEREVER THE WORK BEING PERFORMED BY THIS PROJECT REQUIRES THE REMOVAL/DEMOLITION FROM OR THE INSTALLATION OF NEW CONDUIT, JUNCTION BOXES, CABINETS, PANELS, DEVICES, EQUIPMENT, ETC. TO FINISH PAINTED SURFACES... P1. PROVIDE ALL PAINTING AND RELATED WORK AS SHOWN ON THE DRAWING AND/OR AS REASONABLY IMPLIED BY THE SPECIFICATIONS AND THE PROJECT REQUIREMENTS TO PROVIDE A COMPLETELY FINISHED PROJECT.

CEILING GENERAL NOTES

- 1. CENTER ALL CEILING GRIDS IN ROOMS TO MAXIMUM EXTENT POSSIBLE. UNLESS OTHERWISE NOTED, SEE CEILING PLANS FOR COMPLETE INFORMATION. COORDINATE WITH SPRINKLER, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.

GENERAL SCOPE OF WORK (SOW) DESCRIPTION

- GENERAL: 1. THE SCOPE OF THE DESIGN SERVICES INCLUDES, BUT NOT LIMITED TO THE FOLLOWING INFRASTRUCTURE IMPROVEMENTS: ELECTRICAL, BONDING, UPS, BUILDING MANAGEMENT SYSTEM INTERFACES, ACCESS SECURITY, ASSESS FOR NEW AND UPGRADES TO EXISTING HVAC, RECONFIGURATION, EXPANSION AND RENOVATION OF EXISTING SPACE IN BUILDINGS AS NECESSARY... DESIGN CONDITIONS: 1. PROVIDE NEW WALLS, FINISH FLOORING, AND FINISH CEILINGS.

INFECTIOUS CONTROL DESIGN NOTES

- TYPE A - INSPECTION AND NON-INVASIVE ACTIVITIES: INCLUDES BUT NOT LIMITED TO: REMOVAL OF CEILING TILES FOR VISUAL INSPECTION LIMITED TO 1 TILE PER 50 SQUARE FEET WITH LIMITED EXPOSURE TIME... TYPE B - SMALL SCALE, SHORT DURATION ACTIVITIES THAT CREATE MINIMAL DUST AND DEBRIS: INCLUDES BUT NOT LIMITED TO: WORK CONDUCTED ABOVE THE CEILING (E.G., PROLONGED INSPECTION OR REPAIR OF FIRE WALLS AND BARRIERS... TYPE C - LARGE SCALE, LONGER DURATION ACTIVITIES THAT CREATE A MODERATE AMOUNT OF DUST AND DEBRIS: INCLUDES BUT NOT LIMITED TO: REMOVAL OF PREEXISTING FLOOR COVERING, WALLS, CASEWORK OR OTHER BUILDING COMPONENTS.

GENERAL INFECTION CONTROL NOTES

- 1. THIS PROJECT SHALL BE CONSIDERED "TYPE C - WORK THAT GENERATES MODERATE TO HIGH LEVEL OF DUST OR REQUIRES DEMOLITION OR REMOVAL OF ANY FIXED BUILDING COMPONENT OR ASSEMBLIES" LEVEL.

CONSTRUCTION PERIOD STAGING OF WORK - GENERAL NOTES

- NORMAL WORK SHIFT HOURS FOR THE DES MOINES VETERANS AFFAIRS CENTRAL IOWA HEALTH CARE SYSTEM CAMPUS IS 7:00 AM UNTIL 3:30 PM DAILY, MONDAY THROUGH FRIDAY. 1. CERTAIN WORK ITEMS AND CONSTRUCTION ACTIVITIES THAT CREATE NOISE, DUST, VIBRATIONS AND THAT WOULD CREATE DISTURBANCES TO THE MEDICAL CENTER AND/OR ANY OF THE ADJACENT OCCUPIED AREAS WILL NEED TO BE PERFORMED DURING PERIODS OF AFTER HOURS/OFF-HOURS WORK.

MISCELLANEOUS

- 1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO COMMENCING WORK.

MINIMUM REQUIRED INFECTION CONTROL PRECAUTIONS

- BEFORE AND DURING WORK ACTIVITY: CLASS I: 1. PERFORM NONINVASIVE WORK ACTIVITY AS TO NOT BLOCK OR INTERRUPT PATIENT CARE.

- CLASS IV: 1. CONSTRUCT AND COMPLETE CRITICAL BARRIERS MEETING NFPA 241 REQUIREMENTS. BARRIERS MUST EXTEND TO THE CEILING OR IF CEILING TILE IS REMOVED, TO THE DECK ABOVE.

- UPON COMPLETION OF WORK ACTIVITY: CLASSES I, II AND III: CLEANING: 1. CLEAN WORK AREAS INCLUDING ALL ENVIRONMENTAL SURFACES, HIGH HORIZONTAL SURFACES AND FLOORING MATERIALS.

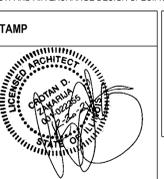
- REMOVAL OF CRITICAL BARRIERS: 1. CRITICAL BARRIERS MUST REMAIN IN PLACE DURING ALL WORK INVOLVING DRYWALL REMOVAL, CREATION OF DUST AND ACTIVITIES BEYOND SIMPLE TOUCH-UP WORK.

Table with 5 columns: PATIENT RISK GROUP, TYPE A, TYPE B, TYPE C, TYPE D. Includes risk level color coding and detailed infection control precautions for Low, Medium, and Highest Risk groups.

Table with 2 columns: ISSUE FOR BID, Date. Lists construction document resubmissions and design development submissions.

CONSULTANT: Bancroft Architects + Engineers logo and contact information.

ARCHITECT/ENGINEER OF RECORD: Bancroft Architects + Engineers logo and contact information.



Office of Construction and Facilities Management logo and VA U.S. Department of Veterans Affairs text.

Drawing Title: GENERAL-PROTECTION PROTOCOL, SCOPE OF WORK AND MISC. NOTES. Approved: Project Director.

Phase: CONSTRUCTION DOCUMENTS. FULLY SPRINKLERED.

Project Title: EHRM INFRASTRUCTURE UPGRADES. Location: DES MOINES, IOWA. Issue Date: 09/02/2022.

Project Number: 636A6-21-101. Building Number: 1, 2, 3, 4, 5, 6M, 7M, 9, 10, 11, 12, 21, 24, 25, 27, & 28. Drawing Number: G1002.

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GENERAL CONSTRUCTION NOTES

- FOR CONSTRUCTION SEQUENCE OF WORK NOTES AND DRAWINGS REFER TO DRAWINGS G-003A AND G-003B. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE A CONSTRUCTION PHASING AND SCHEDULE OF ACTIVITIES. REFER TO SPECIFICATION SECTION 01 01 00 (SN) SPECIAL NOTES AND SECTION 01 12 16 WORK SCHEDULE FOR ADDITIONAL INFORMATION/REQUIREMENTS.
- THE CONTRACTOR WILL COORDINATE WITH THE VACOR TO DEVELOP A CRITICAL PATH METHOD (CPM) SCHEDULE, CONSTRUCTION ACTIVITY SEQUENCING AND ASSOCIATED COMPLETION DATES FOR THE COMPLETE PROJECT.
- THE DES MOINES VA CENTRAL IOWA HEALTH CARE SYSTEM MUST REMAIN IN FULL OPERATION DURING CONSTRUCTION ACTIVITIES WITH MINIMAL INTERRUPTION DUE TO ALL RELATED CONSTRUCTION ACTIVITIES AND RELATED COMPONENTS OF THE PROJECT, INCLUDING MATERIAL DELIVERIES, NOISE, DUST, VIBRATION, ETC. BY CONSTRUCTION ACTIVITIES RELATED TO THIS PROJECT.
- THE CONTRACTORS SCHEDULES SHOULD INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:
 - CONSTRUCTION ACTIVITIES WHICH MAY AFFECT THE CONTINUAL OPERATIONS OF THE DES MOINES VACHCS.
 - SCHEDULES FOR EXISTING SYSTEMS SHUT DOWN.
 - SCHEDULES FOR CONSTRUCTION ACTIVITIES OCCURRING AFTER NORMAL BUSINESS HOURS.
 - PHASING PLANS AND TIME PERIODS.
- PROVIDE TEMPORARY CONSTRUCTION FENCING/BARRIERS WITH DOORS AND FRAMES AS REQUIRED TO SEPARATE CONSTRUCTION ACTIVITIES FROM PUBLIC AREAS AND AREAS REQUIRING ACCESS DURING CONSTRUCTION.
- IF THE VAMC ACCESS/EGRESS ROUTES IDENTIFIED ON THE PHASING PLANS ARE REQUIRED TO BE BLOCKED TEMPORARILY TO ACCOMMODATE CONSTRUCTION, COORDINATE ALTERNATE ACCESS/EGRESS ROUTES WITH THE VACOR AND PROVIDE TEMPORARY SIGNAGE AND TEMPORARY PROTECTIVE BARRIERS TO CREATE ALTERNATE ACCESS/EGRESS ROUTES AS REQUIRED. COORDINATE AND SCHEDULE ANY DOWNTIME FOR THESE ROUTES WITH THE VACOR.
- THE CONTRACTOR SHALL REVIEW LOCATIONS OF TEMPORARY CONSTRUCTION BARRIERS AND INFECTON CONTROL BARRIERS, CONTRACTOR SITE ACCESS AND DEBRIS AND MATERIAL DELIVERY AND DELIVERY ROUTES WITH THE VACOR.
- MAINTAIN ACCESS TO EXISTING BUILDINGS WITHIN THE LIMITS OF CONSTRUCTION.
- COORDINATE SHUT DOWNS OF UTILITIES OR ANY CONSTRUCTION ACTIVITIES WHICH MAY POTENTIALLY AFFECT THE EXISTING OPERATIONS OF THE VAMC WITH THE VACOR. MAINTAIN UNINTERRUPTED OPERATION OF THE EXISTING FACILITIES FOR ALL EXISTING UTILITIES TIE-INS. SCHEDULE THESE EVENTS AFTER-NORMAL BUSINESS HOURS OR AS REVIEWED AND APPROVED BY THE VACOR.
- THE CONTRACTOR WILL REVIEW WITH THE VACOR FOR THE LOCATION OF THE SAFETY SIGN AND CONSTRUCTION SIGN.
- ALL PERSONNEL ENTERING RENOVATION AREAS WITHIN OCCUPIED FLOORS OF THE VA MEDICAL CENTER SHALL WEAR SHOE COVERS, AND THESE MUST BE CHANGED EACH TIME THE WORKER EXITS THE RESPECTIVE WORK AREA. PROVIDE ADHESIVE WALK-OFF MATS AT ENTRY POINTS AT ALL WORK AREAS. REPLACE WALK-OFF MATS DAILY OR WHEN THEY NO LONGER ARE ABLE TO CONTAIN DUST AND DIRTY MATS AND/OR VACUUM WORK AREA WITH HEPA FILTERED VACUUM BEFORE LEAVING WORK AREAS. CONTAIN CONSTRUCTION WASTE IN TIGHTLY COVERED CONTAINERS PRIOR TO TRANSPORTING. REMOVE BARRIER MATERIALS CAREFULLY TO MINIMIZE THE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS THOROUGHLY CLEANED AND INSPECTED BY VACOR.
- THE VA WILL IDENTIFY THE CONTRACTOR STAGING AREA FOR THIS PROJECT AFTER AWARD. FOR BID PURPOSES THE GENERAL CONTRACTOR SHALL ASSUME THE FOLLOWING CRITERIA:
 - GENERAL CONTRACTOR SHALL PROVIDE OWN JOB OFFICE TRAILER AND A TEMPERATURE-CONTROLLED MATERIALS/EQUIPMENT STORAGE TRAILER OF SUFFICIENT SIZE TO PROVIDE PROTECTION FOR ALL REQUIRED PERSONNEL, EQUIPMENT AND MATERIALS ASSUMED TO BE ON-SITE AT THE PEAK CONSTRUCTION PHASE.
 - POWER AND WATER WILL NOT BE PROVIDED TO THE GENERAL CONTRACTOR FOR THE STAGING AREA. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY UTILITIES FOR CONDUCT OF PROJECT WORK WITHIN THE STAGING AREA.
 - NO PROJECT MATERIALS SHALL BE STORED OFF-SITE.
 - REQUIRED DUMPSTERS FOR MATERIAL DEMOLITION AND RECYCLING AS DEFINED WITHIN THE SPECIFICATIONS SHALL BE LOCATED WITHIN THE STAGING AREA.
 - THE GENERAL CONTRACTOR SHALL PROVIDE A TEMPORARY, MINIMUM 6'-0" HIGH WIRE FENCE AROUND THE STAGING AREA. GROUND PENETRATION FOR FENCE SUPPORT IS NO ALLOWED.

FIRE AND SAFETY NOTES

- MAINTAINING INTEGRITY OF FIRE AND SAFETY SYSTEMS IN PLACE IN MEDICAL CENTER AND OF ITS OUT BUILDINGS DURING CONSTRUCTION SHALL BE RESPONSIBILITY OF GENERAL CONTRACTOR.
- IN ADDITION TO VA MEDICAL CENTER POLICIES, NATIONAL, STATE, AND LOCAL CODES AND ORDINANCES SHALL APPLY TO OF THEIR CONTRACTORS AND SUB-CONTRACTORS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING PERTINENT OSHA SAFETY REQUIREMENTS.
- PROVIDE LOCKOUT-TAGOUT AND CONFINED SPACE ENTRY POLICIES AS APPLICABLE AND AS REQUIRED BY OSHA. THESE POLICIES SHALL BE SUBMITTED FOR PRIOR APPROVAL BY VA SAFETY OFFICER/MANAGER.
- CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS OF NON-COMBUSTIBLE MATERIALS WHICH PROVIDE A SMOKE TIGHT SEPARATION BETWEEN CONSTRUCTION AREAS AND OTHER OCCUPIED AREAS. MAINTAIN INTEGRITY OF ENCLOSURE DURING CONSTRUCTION. REFER TO SPECIFICATION SECTION 01 01 10 (SN).
- EXISTING FIRE PROTECTION SYSTEMS, INCLUDING FIRE ALARM SYSTEMS, SMOKE DETECTION SYSTEMS, AND SPRINKLER SYSTEMS SHALL NOT BE IMPAIRED DURING CONSTRUCTION. WHEN A CEILING SYSTEM IS SCHEDULED TO BE REMOVED INSTALL NEW TEMPORARY UPRIGHT SPRINKLERS. WHEN THE FINISH CEILING IS GOING BACK IN PLACE AND REPLACE TEMPORARY SPRINKLER WITH NEW PENDENT SPRINKLERS. SMOKE DETECTOR DISABLE REQUESTS/ OUTAGE REQUESTS TO BE SUBMITTED TO FM ENGINEER FOR APPROVAL FOR SPECIFIC DATE AND TIME. ALARMS WILL ONLY BE TURNED OFF FOR SPECIFIC SHIFTS REQUESTED AND WHEN CONTRACTORS ARE IN CONSTRUCTION AREA. ALARMS WILL BE RESTORED AT END OF WORK DAY BY CALLING SAME EXTENSION. AT NO TIME WILL ALARMS REMAIN OFF OVERNIGHT. SMOKE DETECTORS AND OR SPRINKLER HEADS: DO NOT COVER BY BAGS, TAPE, AND PLASTIC OR IN ANY OTHER MANNER THAT WILL DEFEAT THEIR ABILITY TO SENSE SMOKE OR HEAT AND OPERATE AS DESIGNED.
- DAILY ACCUMULATIONS OF TRASH, COMBUSTIBLE MATERIALS, PACKAGING, AND DEBRIS SHALL BE REMOVED FROM CONSTRUCTION AREA ON A DAILY BASIS. FLAMMABLE MATERIALS MAY BE STORED ON SITE IN AN APPROVED AND APPROPRIATELY MARKED FLAMMABLE MATERIALS CABINET.
- BUILDINGS ON THIS MEDICAL CENTER ARE SMOKE FREE ZONES. USE OF SMOKING MATERIALS IS PROHIBITED, EXCEPT IN DESIGNATED SMOKING SHELTERS AND OUT OF DOORS.

GENERAL DEMOLITION NOTES

GENERAL NOTES FOR CONTRACTORS: SEE ALL PROJECT GENERAL NOTES AND OTHER REQUIREMENTS INCLUDING THE LIFE SAFETY AND INFECTON CONTROL WORK LOCATED WITHIN THE GENERAL DRAWINGS SECTION. COMPLY WITH ALL REQUIREMENTS AS THEY ARE A DIRECT PART OF THIS SECTION AS IF THEY WERE DIRECTLY INCLUDED AND PROVIDED HEREIN.

PROTECTION PROTOCOLS: VERIFY AND COORDINATE ALL PROTECTION REQUIREMENTS TO BE PROVIDED FOR EACH SPECIFIC AREA OR LOCATION OF SCHEDULED WORK WITH THE VACOR, BEFORE BEGINNING ANY WORK. WHEN PERFORMING DEMOLITION WORK IN ANY OCCUPIED SPACES FOLLOW THE "DEMOLITION WORK EACH CONTRACTOR SHALL PERFORM A FULL EXAMINATION OF ALL AREAS OF WORK AND FULLY VERIFY ALL EXISTING CONDITIONS ALONG WITH ALL OF THE AREAS OF WORK FOR ANY UNFORESEEN CONDITIONS OR DISCREPANCIES FROM THE DOCUMENTATION THAT WOULD AFFECT THEIR WORK AND/OR THE WORK OF OTHERS. ANY UNFORESEEN CONDITIONS OR DISCREPANCIES DISCOVERED ARE TO BE IMMEDIATELY IDENTIFIED AND COORDINATED WITH THE GENERAL PRIME CONTRACTOR WHO SHALL IN TURN DOCUMENT AND PROMPTLY REPORT ANY SUCH CONDITIONS DIRECTLY TO THE VACOR FOR DIRECTION ON HOW TO PROCEED BEFORE ALLOWING ANY WORK TO BEGIN.

- BEFORE BEGINNING ANY DEMOLITION WORK EACH CONTRACTOR AND DISCIPLINE SHALL PERFORM A FULL EXAMINATION OF ALL AREAS OF WORK AND FULLY VERIFY ALL EXISTING CONDITIONS ALONG WITH ALL OF THE AREAS OF WORK FOR ANY UNFORESEEN CONDITIONS OR DISCREPANCIES FROM THE DOCUMENTATION THAT WOULD AFFECT THEIR WORK AND/OR THE WORK OF OTHERS. ANY UNFORESEEN CONDITIONS OR DISCREPANCIES DISCOVERED ARE TO BE IMMEDIATELY IDENTIFIED AND COORDINATED WITH THE GENERAL PRIME CONTRACTOR WHO SHALL IN TURN DOCUMENT AND PROMPTLY REPORT ANY SUCH CONDITIONS DIRECTLY TO THE VACOR FOR DIRECTION ON HOW TO PROCEED BEFORE ALLOWING ANY WORK TO BEGIN.
- ALL REQUIRED DEMOLITION WORK IS NOT NECESSARILY LIMITED TO WHAT IS ONLY SPECIFICALLY SHOWN OR DIRECTLY CALLED OUT ON THE DEMOLITION PLANS OR THAT IS ONLY SPECIFICALLY IDENTIFIED WITHIN THE DEMOLITION NOTES DESCRIPTIONS. THE INTENT OF THE DOCUMENTATION IS TO GENERALLY IDENTIFY THE MORE SPECIFIC MAJOR ELEMENTS OF WORK IN PLACE THAT SHALL REQUIRE REMOVAL AND/OR REWORK IN ORDER TO ACCOMPLISH THE DESIGN INTENT OF THE DOCUMENTS. THE FULL EXTENT OF DEMOLITION WORK COULD INCLUDE BUT NOT NECESSARILY BE LIMITED TO ALL AFFECTED LESSER ELEMENTS OF ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, MEDICAL GASES, FIRE PROTECTION SPRINKLER SYSTEMS AND ALL ELECTRICAL SYSTEMS WORK INCLUDING HIGH AND LOW VOLTAGE POWER, COMMUNICATION SYSTEMS SUCH AS CCTV, SECURITY, IT DATA, LIFE SAFETY, FIRE PROTECTION, NURSE CALL, PA, BAS CONTROLS SYSTEMS, TEMPERATURE AND OTHERWISE, ETC.
- ALL REQUIRED DEMOLITION WORK IS NECESSARY TO FACILITATE THE EXTENT OF BOTH THE NEW CONSTRUCTION WORK AS WELL AS TO FACILITATE THE REPLACEMENT, RELOCATION AND/OR THE REWORKING OF THE EXISTING SYSTEMS. ANY REWORKING OF THE CURRENT ELEMENTS AND COMPONENTS CURRENTLY NEEDING TO BE MODIFIED IN ORDER TO PROPERLY SUPPORT THE COMPLETED PROJECT SHALL BE PROVIDED AS INTENDED TO CONFORM WITH THE ORIGINAL DESIGN INTENT WHETHER SPECIFICALLY CALLED FOR IN GREAT DETAIL WITH EVERY ANCILLARY ELEMENT FULLY NAMED AND IDENTIFIED OR AS CALLED OUT AS A GENERAL COMPONENT PORTION OF WORK THAT NEEDS TO BE PROPERLY REMOVED IN ORDER TO COMPLETE THE SCOPE OF WORK AS INTENDED TO COMPLY WITH ALL BASES OF DESIGN REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE DEMOLITION AND REMOVAL OF ALL EXISTING WALLS, CEILINGS, SUSPENSION SYSTEMS, FLOORING, ELECTRICAL, TELEPHONE AND PLUMBING CONSTRUCTION AS WELL AS ALL MATERIALS, FINISHES AND EQUIPMENT THAT IS NOT SPECIFICALLY SHOWN OR CALLED FOR AS REQUIRED TO FACILITATE THE NEW CONSTRUCTION WORK INSIDE THE CONTRACT AREA, THE ADJACENT SPACES AND THE SPACES ABOVE AND BELOW. SOME ADDITIONAL ITEMS THAT MAY NOT BE SPECIFICALLY SHOWN IN GREAT DETAIL ON THE DEMOLITION PLAN THAT ARE A PART OF THE DEMOLITION WORK, BUT NOT LIMITED TO, ARE CASEWORK, SHELVEING, BRACKETS, STANDARDS, DOOR HARDWARE, MISCELLANEOUS OTHER HARDWARE, SIGNAGE, FLOORING MATERIALS, WALL BASE, WOOD GROUNDS, WALL COVERING MATERIALS, BAKING LINERS OR BOARDS, ANY REMAINING MASTIC, GROUT, CAULKING AND SEALANTS, EXPOSED ANCHORS AND FASTENERS, FRAMING MATERIALS, BACKER BOARDS OR METAL PLATES, CHAIR RAILS, BRACKETS, HOOKS, SURFACE MOUNTED OR RECESSED ACCESSORIES, PRIVACY CURTAINS AND TRACKS, ETC.
- ALL DEMOLITION WORK SHALL BE PERFORMED IN A SYSTEMATICALLY SAFE FULLY SUPERVISED COORDINATED AND PROPERLY MANAGED SEQUENCE OF WORK UNDER THE DIRECT SUPERVISION OF THE GENERAL PRIME CONTRACTOR'S SUPERINTENDENT AND/OR THEIR MANAGEMENT PERSONNEL INCLUDING THE PERFORMANCE OF ANY ANCILLARY ELEMENTS OF SELECTIVE DEMOLITION. GENERAL CONTRACTOR SHALL ASSUME INFECTON CONTROL (ICRA) PROTECTION IS REQUIRED FOR ALL ASPECTS OF THE SCOPE OF WORK REQUIRING DEMOLITION AND/OR TEMPORARY REMOVALS (I.E. CEILINGS).
- ALL DEMOLITION, THE HANDLING OF MATERIALS AND EQUIPMENT ALONG WITH THE MOVEMENT OF THESE ELEMENTS THROUGHOUT THE FACILITY SHALL BE PERFORMED SO AS TO PREVENT DAMAGE TO ADJACENT IMPROVEMENTS AND FACILITIES TO REMAIN AS WELL AS TO PROVIDE SAFETY FOR ALL TRADESPEOPLE, STAFF, RESIDENTS/PATIENTS, VISITORS AND SERVICE PROVIDERS.
- PROVIDE ALL PHYSICAL AND ENVIRONMENTAL PROTECTIVE MEASURES AS REQUIRED BY THE PROJECT DOCUMENTS, VA FEDERAL AND LOCAL REQUIREMENTS, APPLICABLE OSHA REGULATIONS, THE STATION AND ALL LOCAL INFECTON CONTROL AUTHORITIES, NFPA REQUIREMENTS, THE VACOR AND ALL OTHER REGULATORY AGENCIES AND VA AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.
- PROVIDE ALL TEMPORARY PARTITIONS, PROTECTION, DOOR ACCESS UNITS, ENCLOSURES, WALKWAYS, FENCING, RAILINGS, CANOPIES, AIR FILTRATION DEVICES, VESTIBULES, AIRLOCKS, ETC., WHERE REQUIRED BY THE CONTRACT DOCUMENTS, THE VACOR AND ALL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT AND SHALL BE SURE TO MAINTAIN ADEQUATE AND SAFE EMERGENCY MEANS OF EGRESS FROM ALL AREAS. ALL SUCH WORK NEEDING TO BE PROVIDED WILL REQUIRE VACOR REVIEW AND APPROVAL BEFORE BEGINNING ANY OF SUCH WORK.
- GREAT CARE SHALL BE TAKEN WHEN PERFORMING SELECTIVE DEMOLITION IN THE UTILIZATION OF MORE SENSITIVE AND LESS EVASIVE METHODS OF DEMOLITION/REMOVAL, AS WELL AS PROVIDING THE APPROPRIATE ENHANCED PROTECTIVE BARRIERS IN ORDER TO PROVIDE FOR THE LEAST AMOUNT OF DAMAGE TO THE WORK THAT IS TO REMAIN IN PLACE. EXISTING FINISHED SURFACES, MATERIALS AND EXPOSED EQUIPMENT THAT WOULD RECEIVE SIGNIFICANT AMOUNTS OF SURFACE DAMAGE AND WOULD REQUIRE SIGNIFICANT AMOUNTS OF PATCHING, REPAIRS AND REFINISHING WORK SHALL BE DEEMED AS DAMAGED AND UNSALVAGEABLE AND WILL NEED TO BE REPLACED IN WHOLE BY THE RESPONSIBLE CONTRACTOR AND ITS REPLACEMENT ONCE COMPLETED WILL NEED TO RECEIVE VACOR APPROVAL.
- WHERE EXISTING FLOOR FINISHES ARE TO BE FULLY REMOVED TO ALLOW FOR THE INSTALLATION OF NEW, PROVIDE FOR THE COMPLETE REMOVAL OF THE EXISTING FLOOR FINISHES ALONG WITH ALL ASSOCIATED ATTACHMENT SYSTEMS SUCH AS ABATEMENT OF MASTICS, ADHESIVES, TACKLES STRIPS, SETTING BEDS OF GROUT, MORTAR OR CONCRETE, CARPET PADDING, ATTACHED SUB-FLOORING MATERIALS, ETC. AS REQUIRED TO GET DOWN TO THE EXISTING STRUCTURAL FLOOR SUBSTRATE THAT CAN BE PROPERLY PATCHED, REPAIRED, LEVELLED AND MADE READY TO RECEIVE THE NEW FLOOR FINISHES.
- ITEMS INDICATED TO BE REMOVED AND SALVAGED FOR THE VA SHALL REMAIN THE VA'S PROPERTY AND SHALL BE CAREFULLY REMOVED, CLEANED AND PROTECTED FROM DAMAGE BY THE CONTRACTOR RESPONSIBLE AT ALL TIMES. ALL SUCH ITEMS INDICATED TO BE SALVAGED WILL BE PACKAGED AND/OR CRATED AS REQUIRED BY THE VACOR TO PROPERLY PROTECT THEM FROM DAMAGE CAUSED BY THE HANDLING, MOVING AND/OR THE STORAGE OF THESE ITEMS. ALL PACKAGES AND/OR CRATES OF ITEMS SHALL HAVE THEIR CONTENTS CLEARLY MARKED AND FULLY IDENTIFIED ON BOTH THE TOP AND ONE SIDE OF EACH CONTAINER TO BE COORDINATED WITH AND APPROVED BY THE VACOR. DELIVER ALL SALVAGED MATERIALS TO THE LOCATIONS INDICATED IN THE PROJECT DOCUMENTATION OR TO THE GOVERNMENTS DESIGNATED STORAGE FACILITY ON THE STATION'S CAMPUS AS DIRECTED BY THE VACOR.
- UNLESS OTHERWISE INDICATED OR STATED TO BE SALVAGED OR IDENTIFIED AS NEEDING TO REMAIN OR BE RELOCATED AND/OR REUSED, ALL ITEMS IDENTIFIED TO BE REMOVED, DEMOLISHED, SCRAPED, ETC. BECOMES THE PROPERTY AND RESPONSIBILITY OF THE CONTRACTOR AND AS SUCH IT IS THEIR RESPONSIBILITY TO REMOVE ALL SUCH ITEMS FROM THE SITE ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE VACOR.

- DEMOLITION ITEMS OF VALUE TO THE CONTRACTOR(S) ARE NOT TO BE STORED ON SITE AND NEED TO BE REMOVED ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE VACOR.
- ALL ITEMS OF WORK THAT ARE IDENTIFIED AS EXISTING TO BE REMOVED AND REUSED/REINSTALLED SHALL BE CAREFULLY DISCONNECTED, DETACHED, REMOVED AND DISASSEMBLED AS REQUIRED FOR CONVENIENCE AND EASE OF HANDLING, MOVING, STORAGE AND FOR THEIR PROTECTION FROM DAMAGE. ALL SUCH ITEMS ARE TO BE INDIVIDUALLY WRAPPED, BOXED OR PLACED IN CARTONS FOR THE EASE OF HANDLING THE MATERIALS AND THEIR PLACEMENT IN A VACOR IDENTIFIED PROTECTED STORAGE AREA (TSD) LOCATED ON THE STATION BUT NOT NECESSARILY CONVENIENT TO THE SITE OF THE WORK. EACH ITEM SHALL BE FULLY CLEANED, FREE FROM DAMAGE, PREPARED FOR SERVICE AND FULLY TESTED TO VERIFY ITS ABILITY FOR PROPER FUNCTIONAL REUSE PRIOR TO BEING PLACED IN STORAGE. THE CONTRACTOR TAKES RESPONSIBILITY FOR AND CERTIFIES ITS PERFORMANCE CAPABILITIES AND THE FACT THAT IT IS NOT DAMAGED AND FULLY CAPABLE FOR REUSE WHEN READY FOR ITS REINSTALLATION. IN THE EVENTUALITY THAT AN ITEM IS ULTIMATELY FOUND TO BE DAMAGED OR INOPERABLE AT THE POINT OF REINSTALLATION THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A NEW ITEM/DEVICE ALONG WITH ALL ANCILLARY SUPPORT WORK AND EQUIPMENT NECESSARY TO FULLY REPLACE THE EXISTING. WHERE EXISTING MATERIALS, ITEMS OR EQUIPMENT ARE TO BE REMOVED FOR THEIR REPLACEMENT IN THE SAME LOCATION BY THE SAME OR SIMILAR NEW MATERIALS, ITEMS OR EQUIPMENT, CAREFULLY DISCONNECT, DETACH, DISASSEMBLE IF REQUIRED, REMOVE AND DISPOSE OF THE ITEMS INDICATED ALONG WITH ANY AND ALL ANCILLARY SYSTEM COMPONENTRY OR SUPPORT ITEMS ADDITIONALLY IDENTIFIED OR REQUIRED TO BE REPLACED.
- WHERE STRUCTURAL SUPPORT OF EXISTING CONSTRUCTION ELEMENTS OR PORTIONS OF STRUCTURAL ELEMENTS TO REMAIN IS REQUIRED THE RESPONSIBLE CONTRACTOR PERFORMING THE WORK SHALL PROVIDE AND MAINTAIN ALL NECESSARY STRUCTURAL SUPPORTS, SHORING, STIFFENERS, BRACING, BEAMS, COLUMNS, FOOTINGS AND SUPPORTS AS NECESSARY TO ENSURE THE STABILITY OF THE ELEMENTS BEING SUPPORTED AND TO ADEQUATELY DISTRIBUTE ANY TEMPORARY LOADING SO AS NOT TO OVERLOAD ANY OF THE EXISTING STRUCTURE AND THE CONSTRUCTION BELOW. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL STRUCTURAL ENGINEERING ANALYSIS, CALCULATIONS AND SOLUTIONS FOR PROVIDING ANY SUCH WORK AND WILL NEED TO PROVIDE ALL SUCH PROPER DOCUMENTATION PREPARED BY A LICENSED STRUCTURAL ENGINEER TO THE VACOR AS A SHOP DRAWING SUBMITTAL FOR PROPER REVIEW AND APPROVAL BEFORE BEING ALLOWED TO BEGIN ANY SUCH WORK.
- ALL EXISTING CONSTRUCTION OR ITEMS INDICATED TO REMAIN IN PLACE AND OPERATION SHALL BE PROTECTED FROM DAMAGE BOTH DURING THE DEMOLITION OPERATIONS AS WELL AS THE NEW CONSTRUCTION EFFORTS. WHERE PRACTICABLE, AND WITH THE VACOR'S APPROVAL, THE CONTRACTOR MAY EJECT TO REMOVE SUCH ITEMS TO A SUITABLE STORAGE LOCATION DURING THE DEMOLITION PHASE AND THEN PROPERLY CLEAN AND REINSTALL THE ITEMS WHEN APPLICABLE. IN NO CASE SHALL ANY LIFE SAFETY DEVICES, SYSTEMS OR MEASURES BE COMPROMISED BY THE TEMPORARY REMOVAL OF ANY NECESSARY ELEMENTS OF WORK, FOR THE CONVENIENCE OF THE CONTRACTOR, THAT WERE NOT PROPERLY REPLACED IN KIND WITH A SIMILAR PROPERLY OPERATING TEMPORARY DEVICE.
- DURING THE COURSE OF SELECTIVE DEMOLITION OR REMOVAL OPERATIONS AND THE EXISTING SUBSTRATE MATERIALS/CONSTRUCTION IS DAMAGED BEYOND REASONABLE REPAIR, THE CONTRACTOR SHALL BE RESPONSIBLE TO FULLY REPLACE THE ENTIRE DAMAGED SECTION AND/OR SECTIONS. THIS DAMAGED AREA SHALL BE REMOVED AND REPLACED AS REQUIRED TO REPAIR THE SUBSTRATE TO A LIKE NEW CONDITION THAT CONTAINS NO IRREGULAR JOINT CONNECTIONS, CONDITIONS, DEFECTS, WEAKNESS OR WILL CAUSE ADVERSE EFFECTS THAT WILL RESULT IN ANY DIFFERENTIAL FINISHED SURFACE CONDITIONS OR AREAS OF JOINT WEAKNESS THAT WILL RESULT IN SURFACE CRACKING AND BE APPARENT THAT THE CONDITION IS IN FACT A PATCH/REPAIR.
- REFER TO ALL ENGINEERING DISCIPLINE DRAWINGS AND DOCUMENTATION FOR THE BASIC EXTENT BEING REQUIRED FOR ALL INFRASTRUCTURE AND SYSTEMS DEMOLITION AS WELL AS FOR IDENTIFYING ALL EXISTING EQUIPMENT, PIPING, CONDUITS, DUCTWORK, WIRING, CONTROLS, ETC. THAT ARE INTENDED TO REMAIN WITHIN ANY OF THE AREAS OF DEMOLITION, THE AREAS OF REWORKING OF EXISTING SYSTEMS AND THE AREAS OF NEW WORK.
- UNLESS OTHERWISE NOTED ALL EXISTING PARTITION CONSTRUCTION WITHIN THE PROJECT AREA OF WORK SCHEDULED TO RECEIVE NEW FINISHES SHALL HAVE ALL EXISTING FINISHES REMOVED INCLUDING BUT NOT LIMITED TO ALL CERAMIC TILE, VINYL WALL COVERING, WOOD PANELING, WAINSCOT MATERIALS, GROUT, MASTIC, WALL COVERING BACKING, WALL BASE, ADHESIVE, STAPLES, EXPOSED FASTENERS, ETC. SUCH THAT THE SUB-STRAIGHT WALL/PARTITION SURFACES REQUIRE NO FURTHER DEMOLITION AND ARE PREPARED TO RECEIVE ALL REQUIRED PATCHING, REPAIRS, RESURFACING AND REFINISHING AS REQUIRED TO RECEIVE THE NEW FINISHES.
- ALL FINISHED AREAS ADJACENT TO OR INCLUDED WITHIN THE AREA(S) OF CONSTRUCTION ALONG WITH ALL PUBLIC PROJECT ACCESS ROUTES SHALL BE PROTECTED FROM DUST AND DIRT THROUGH THE USE OF VACOR APPROVED DUSTPROOF PROTECTION. SEE THE OCCUPIED AREA PROTECTION PROTOCOLS PROVIDED IN THE "GENERAL" DRAWINGS SECTION AND COORDINATE ALL SITE SPECIFIC CONDITIONS IMPACTS ENCOUNTERED WITH THE VACOR.
- ALL NEW WORK ALONG WITH ANY PORTIONS OF EXISTING EQUIPMENT, MATERIALS OR REWORKED ELEMENTS WHEN COMPLETED SHALL FULLY COMPLY WITH ALL BASES OF DESIGN REQUIREMENTS.
- IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO ADEQUATELY PROTECT EXISTING CONSTRUCTION AND FINISHES TO REMAIN IN PLACE DURING BOTH THE DEMOLITION AND CONSTRUCTION SEQUENCES OF WORK. ANY DAMAGE TO SUCH AREAS SHALL BE RESTORED AND REFINISHED TO A "LIKE-NEW" CONDITION PRIOR TO THE VACOR'S ACCEPTANCE OF THAT WORK.
- THE GENERAL PRIME CONTRACTOR IS RESPONSIBLE FOR THE PATCH, REPAIR, REFINISHING AND/OR REPLACEMENT OF ALL CONSTRUCTION, MATERIALS, ASSEMBLIES, EQUIPMENT, SIGNAGE AND FINISHES DAMAGED BY THE PROJECT DEMOLITION, TEMPORARY CONSTRUCTION, NEW CONSTRUCTION OR THE MOVEMENT OF PERSONNEL, TOOLS, EQUIPMENT, MATERIALS, ETC. BOTH INSIDE AND OUTSIDE OF THE DESIGNATED AREAS OF WORK.
- PROVIDE THE CUTTING AND PATCHING FOR ALL DEMOLITION WORK AND ALL NEW CONSTRUCTION WORK BEING PERFORMED OUTSIDE OF THE PROJECT LIMIT LINES AS REQUIRED TO PROPERLY COMPLETE THE PROJECT SCOPE OF WORK.
- ALL CUTTING, CORING AND DRILLING OF EXISTING CONCRETE AND MASONRY CONSTRUCTION SHALL NOT DAMAGE EXISTING REINFORCING STEEL, PIPING, CONDUITS OR OTHER CONCEALED CONSTRUCTION WITHIN. PRIOR TO CORING, DRILLING, CUTTING OR PERFORMING ANY BREAKING EFFORTS, PROVIDE PENETRATING FIELD X-RAYING OF THE INTENDED AREAS AND DOCUMENT THE EXACT SIZE AND LOCATIONS OF ALL SUCH INTERFERENCES. COORDINATE WITH AND OBTAIN VACOR APPROVAL BEFORE PROCEEDING WITH ANY SUCH REQUIRED PENETRATIONS WORK.
- THE GENERAL PRIME CONTRACTOR IS RESPONSIBLE TO PROVIDE THE REMOVAL OF ALL CONSTRUCTION DEMOLITION DEBRIS, SPOIL AND MATERIALS FROM THE PROJECT SITE ON A DAILY BASIS UNLESS SPECIFICALLY REFERENCED OTHERWISE IN THE PROJECT SPECIFIC LOGISTICAL SEQUENCING REQUIREMENTS OR AS APPROVED BY THE VACOR.
- REMOVE IN THEIR ENTIRETY ALL EXISTING WALL-MOUNTED ITEMS. COORDINATE ITEM DISPLACEMENT WITH THE VA.
- FOR TEMPORARY REMOVALS - AFTER REMOVAL OF ANY ACOUSTICAL TILE AND BEFORE RE-INSTALLATION, THE GENERAL CONTRACTOR SHALL REVIEW THE CONDITION OF SAID TILE WITH VACOR AND REPLACE WITH NEW IF DETERMINED TO BE NECESSARY BY THE COR. FOR THE PURPOSE OF BIDDING THE GENERAL CONTRACTOR SHALL ASSUME THERE WILL BE ONE THOUSAND (1,000) SQUARE FEET OF EXISTING TILE TO BE REPLACED WITH NEW.
- GENERAL CONTRACTOR SHALL ASSUME AS PART OF THE SCOPE OF WORK THERE WILL BE ONE HUNDRED (100) SQUARE FEET OF CONCRETE FLOOR DEMOLITION AND THEN PATCHING.
- GENERAL CONTRACTOR SHALL ASSUME AS PART OF THE SCOPE OF WORK THERE WILL BE ONE THOUSAND (1,000) SQUARE FEET OF HARD PLASTER CEILING THAT WILL BE REQUIRED TO BE DEMOLISHED. THIS INCLUDES PLASTER CEILING CONCEALED ABOVE ACOUSTICAL CEILING TILE.

SPECIAL SAFETY NOTES

- ALL CONTRACTORS, SUBCONTRACTORS AND THEIR REPRESENTATIVES WORKING ON THIS PROJECT SHALL AT ALL TIMES PRIOR TO AND DURING THE COURSE OF THEIR ACTIVITY BE RESPONSIBLE FOR THE SAFETY OF THEIR EMPLOYEES, ALL OTHERS AND ARE TO BE IN CARE OF THE PROPERTY.
- EACH CONTRACTOR OR SUBCONTRACTOR, AS REPRESENTATIVES OF THEIR EMPLOYEES, SHALL ASCERTAIN THAT THE CONDITIONS UNDER WHICH THEY WILL BE REQUIRED TO ACCOMPLISH THEIR WORK ARE SAFE AND MEET ALL APPLICABLE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HAZARD ACT, ALONG WITH ALL OTHER APPLICABLE GOVERNING REGULATIONS AND VA REQUIREMENTS.
- THE BEGINNING OF WORK ON SITE BY A CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE HIS/HER SATISFACTION AND FULL ACCEPTANCE OF THE CURRENT SITE CONDITIONS REGARDING SAFETY AND THE NECESSARY COMPLIANCE WITH ALL CONTRACT REQUIREMENTS REGARDING SAME. THE CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR ANY ACCIDENTS, INJURIES, AND/OR DAMAGES INCURRED AS A RESULT OF ANY VISIBLE OR KNOWN UNSAFE CONDITIONS THAT EXIST.
- IF UNSATISFIED WITH THE CURRENT SITE SAFETY CONDITIONS AND/OR THE NECESSARY COMPLIANCE, THE CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE THE ACTIONS AND/OR DEVICES NECESSARY TO RENDER THE JOB-SITE SAFE. IF THE WORK OF OTHER PARTIES, UPON INSPECTION, IS FOUND AT ANY TIME TO BE UNSAFE THE CONTRACTOR OR SUBCONTRACTOR SHALL IMMEDIATELY STOP ALL WORK AND NOTIFY THE GENERAL PRIME CONTRACTOR AND THE VACOR. THE SUBMISSION OF A BID FOR ANY PORTION OF WORK INCLUDED IN THIS CONTRACT SHALL ALSO INDICATE ACKNOWLEDGMENT AND ACCEPTANCE OF THESE REQUIREMENTS.

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VA FORM 08 - 6221

CONSULTANT

ISSUE FOR BID	09/02/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 3	08/09/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 2	06/27/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION + MOD 2	06/10/2022
FINAL CONSTRUCTION DOCUMENTS SUBMISSION	03/28/2022
100% CONSTRUCTION DOCUMENTS SUBMISSION	03/14/2022
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STAMP



Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title

GENERAL - DEMOLITION NOTES

Approved: Project Director

Phase

CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title

EHRM INFRASTRUCTURE UPGRADES

Location
DES MOINES, IOWA

Issue Date
09/02/2022

Checked
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Project Number

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Building Number
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ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE	E	EAST	MATL	MATERIAL	S	SOUTH
ADJ	ADJACENT	EA	EACH	MAX	MAXIMUM	SAN	SANITARY
AFF	ABOVE FINISHED FLOOR	EJ	EXPANSION JOINT	MECH	MECHANICAL	SCHED	SCHEDULE
AHU	AIR HANDLING UNIT	EL	ELEVATION	MFR	MANUFACTURER	SF	SQUARE FOOT (FEET)
ALT	ALTERNATE	ELEC	ELECTRIC	MIN	MINIMUM	SHT	SHEET
ALUM	ALUMINUM	ELEV	ELEVATOR	MISC	MISCELLANEOUS	SIM	SIMILAR
AMT	AMOUNT	ENCL	ENCLOSURE	MILWK	MILWORK	SOW	SCOPE OF WORK
APPROX	APPROXIMATE	EQ	EQUAL	NO	NO	SPEC	SPECIFICATION
AUTO	AUTOMATIC	EQUIP	EQUIPMENT	MR	MOISTURE RESISTANT	SPKLR	SPRINKLER
AUX	AUXILIARY	EWC	ELECTRIC WATER COOLER	MTD	MOUNTED	SPKR	SPEAKER
AV	AUDIO VISUAL	EXH	EXHAUST	MTG	MOUNTING	SQ	SQUARE
AVG	AVERAGE	EXIST	EXISTING	MTL	METAL	SS	STAINLESS STEEL
BAT	BATTEN	EXP	EXPOSED	N	NORTH	STD	STANDARD
BD	BOARD	EXT	EXTERIOR	N/A	NOT APPLICABLE	STOR	STORAGE
BLDG	BUILDING	FA	FIRE ALARM	NAT	NATURAL	SUSP	SUSPEND
BLK	BLOCKING	FD	FLOOR DRAIN	NIC	NOT IN CONTRACT	SV	SHEET VINYL
BM	BEAM	FDN	FOUNDATION	NO	NUMBER	T&G	TONGUE AND GROOVE
BO	BY OWNER	FE	FIRE EXTINGUISHER	NTS	NOT TO SCALE	TEMP	TEMPERED
BOD	BASIS OF DESIGN	FEC	FIRE EXTINGUISHER CABINET	OA	OVERALL	TERR	TERRAZZO
CEM	CEMENT	FFBE	FURNITURE, FIXTURE, AND EQUIPMENT	OC	ON CENTER	THK	THICK
CJ	CONTROL JOINT	FHC	FIRE HOSE CABINET	OH	OPPOSITE HAND	TO	TOP OF
CL	CENTER LINE	FIG	FIGURE	OPNG	OPENING	TSTAT	THERMOSTAT
CLG	CEILING	FIN	FINISH	OPT	OPTIONAL	TYP	TYPICAL
CLR	CLEAR	FIXT	FIXTURE			UNO	UNLESS NOTED OTHERWISE
CMU	CONCRETE MASONRY UNIT	FL	FLOOR			VAR	VARIES
COL	COLUMN	FO	FACE OF	PAT	PATTERN	VCT	VINYL COMPOSITION TILE
CONC	CONCRETE	FP	FIRE PROTECTION OR FIREPROOF	PL	PLATE	VENT	VENTILATION
CONT	CONTINUOUS	FT	FOOT	PLAM	PLASTIC LAMINATE	VIF	VERIFY IN FIELD
COORD	COORDINATE	FTG	FOOTING	PLAS	PLASTER OR PLASTIC	VOL	VOLUME
CO	CONTRACTING OFFICER			PR	PAIR	VWC	VINYL WALL COVERING
COR	CONTRACTING OFFICER'S REPRESENTATIVE	GC	GENERAL CONTRACTOR	PREP	PREFINISHED	W	WEST
CORR	CORRIDOR	GL	GLASS	PREP	PREPARATION	WI	WITH
CT	CERAMIC TILE	GYP BD	GYP BOARD	PROVIDE	FURNISH AND INSTALL	WO	WITHOUT
CTR	CENTER			PT	PAINT	WC	WALL COVERING
CTRL	CONTROL	HAZMAT	HAZARDOUS MATERIALS	PTME	PAINT TO MATCH EXISTING	WD	WOOD
DAT	DATUM	HOW	HARDWARE	PTN	PARTITION	WDO	WINDOW
DBL	DOUBLE	HM	HOLLOW METAL	PWR	POWER	WWF	WELDED WIRE FABRIC
DEG	DEGREE	HT	HEIGHT				
DEMO	DEMOLITION	INCL	INCLUDED	QT	QUARRY TILE		
DEPT	DEPARTMENT	INSUL	INSULATION	QTR	QUARTER		
DF	DRINKING FOUNTAIN	INT	INTERIOR	QTY	QUANTITY		
DIA	DIAMETER	JAN	JANITOR	R	RADIUS		
DIFF	DIFFUSER	JST	JOIST	RB	RESILIENT BASE		
DM	DIMENSION	JT	JOINT	RCP	REFLECTED CEILING PLAN		
DN	DOWN	JT	JOINT	REC	RECESSED		
DR	DOOR	J-BOX	JUNCTION BOX	RECP	RECEPTACLE		
DTL	DETAIL			REINF	REINFORCED		
DWG	DRAWING	LAM	LAMINATE	REOD	REQUIRED		
		LAV	LAVATORY	RM	ROOM		
		LED	LIGHT EMITTING DIODE	RO	ROUGH OPENING		
		LF	LINEAR FEET (FOOT)				
		LL	LEAD LINED				
		LT	LIGHT				

DEMOLITION FLOOR PLAN LEGEND

	EXISTING CONSTRUCTION TO REMAIN		DENOTES DOOR TO BE DEMOLISHED
	DENOTES BUILDING COMPONENTS TO BE DEMOLISHED (UNO)		DENOTES FLOOR FINISH TO BE DEMOLISHED TO CONCRETE SUBSTRATE

FLOOR PLAN LEGEND

	EXISTING CONSTRUCTION	FE	DENOTES NEW OR EXISTING FIRE EXTINGUISHER
	DENOTES NEW PARTITION	CR	DENOTES NEW OR EXISTING DUAL AUTHENTICATION CARD READER. SEE TELECOMMUNICATION SECURITY DRAWINGS
	DENOTES NEW CMU PARTITION		
	DENOTES NEW DOOR AND FRAME		
	DENOTES NEW STATIC DISSIPATIVE TILE (SDT) FLOORING		

GRAPHIC SYMBOLS

	DEMOLITION, ARCHITECTURAL AND ELEVATION KEYNOTE		INTERIOR ELEVATION (SINGLE)		DETAIL BUBBLE DETAIL NUMBER DRAWING NUMBER
	PARTITION TAG		INTERIOR ELEVATION (MULTIPLE)		REVISION CLOUD AND NUMBER
	DOOR NUMBER		WALL SECTION DETAIL NUMBER DRAWING NUMBER		ROOM TAG ROOM NAME ROOM NUMBER
	WINDOW TAG		ELEVATION TAG		
	NORTH ARROW		FIRE EXTINGUISHER CABINET		
	POINT OF CONNECTION				

REFLECTED CEILING PLAN LEGEND

	DENOTES GYPSUM CEILING ASSEMBLY TO BE DEMOLISHED		DENOTES 1 x 4' LIGHT FIXTURE TO BE REMOVED, SEE ELECTRICAL
	DENOTES CEILING ASSEMBLY TO BE DEMOLISHED		DENOTES 2 x 4' LIGHT FIXTURE TO BE REMOVED, SEE ELECTRICAL
	DENOTES DUCTLESS SPLIT SYSTEM UNIT TO BE DEMOLISHED		DENOTES EXISTING EXHAUST DIFFUSER TO BE REMOVED, SEE MECHANICAL
	DENOTES SPRINKLER HEAD TO BE REMOVED, SEE FIRE PROTECTION		DENOTES EXISTING SUPPLY DIFFUSER TO BE REMOVED, SEE MECHANICAL

REFLECTED CEILING PLAN LEGEND

	DENOTES NEW 1' x 4' LIGHT FIXTURE, SEE ELECTRICAL		DENOTES NEW SUPPLY DIFFUSER, SEE MECHANICAL
	DENOTES NEW 2' x 4' LIGHT FIXTURE, SEE ELECTRICAL		DENOTES NEW GYPSUM CEILING ASSEMBLY
	DENOTES NEW OR RELOCATED SPRINKLER HEAD, SEE FIRE PROTECTION		DENOTES NEW ACT CEILING ASSEMBLY
	DENOTES NEW DUCT FREE SPLIT SYSTEM UNIT, SEE MECHANICAL		

MATERIAL INDICATIONS

	EARTH		CONCRETE ELEVATION/SECTION		STEEL
	BRICK		CMU		GROUT
	GRAVEL FILL		LIMESTONE		CONCRETE PLAN

ISSUE FOR BID	09/02/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 3	08/09/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 2	06/27/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION + MOD 2	06/10/2022
FINAL CONSTRUCTION DOCUMENTS SUBMISSION	03/28/2022
100% CONSTRUCTION DOCUMENTS SUBMISSION	03/14/2022
95% CONSTRUCTION DEVELOPMENT SUBMISSION	02/10/2022
65% DESIGN DEVELOPMENT SUBMISSION	12/09/2021
35% DESIGN DEVELOPMENT SUBMISSION	10/07/2021
Revisions:	Date:

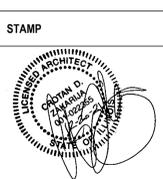
CONSULTANT

ARCHITECT/ENGINEER OF RECORD

Bancroft

3300 Dundee Road
Northbrook, IL 60062
T: 847.952.9362

BANCROFT ARCHITECTS + ENGINEERS
VA CONTRACT NO. 36C26319D0044
www.bancroft-ae.com
BAE PROJECT NO. 18-121



Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
GENERAL - ABBREV., SYMBOL LEGEND, & STND MOUNTING HGHTS

Approved: Project Director

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES

Location
DES MOINES, IOWA

Issue Date
09/02/2022

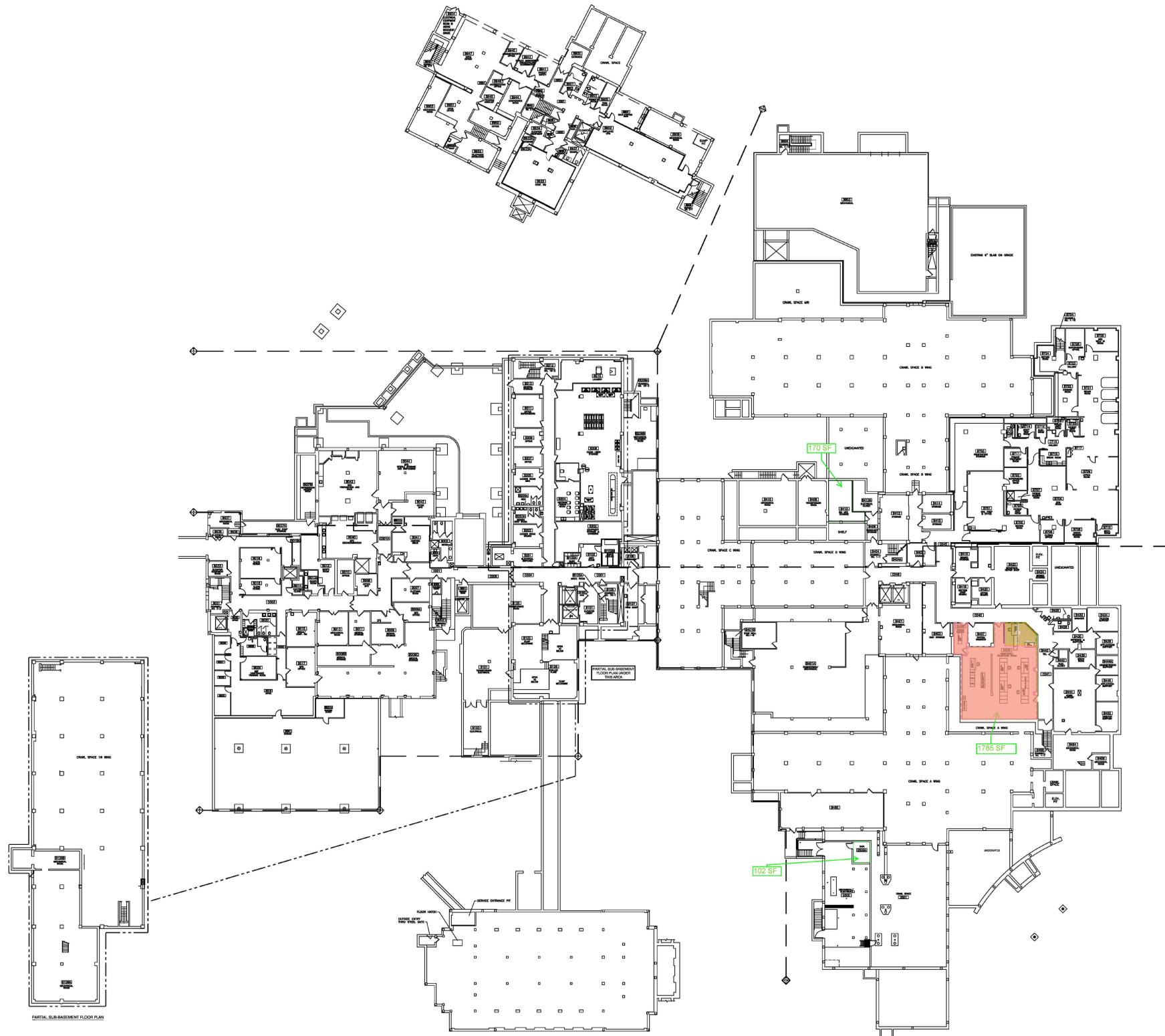
Checked
YH/MG

Drawn
MG/YH

Project Number
636A6-21-101

Building Number
1, 2, 3, 4, 5, 6M, 7M, 9, 10, 11, 12, 21, 24, 25, 27, & 28

Drawing Number
GI004



HAZARDOUS MATERIALS LEGEND
 ■ 12x12 TAN FLOOR TILE MASTIC
 ■ MASTIC UNDER 12x12 BROWN FLOOR TILE
 □ NEGATIVE HAZARDOUS MATERIALS



1 HAZARDOUS MATERIALS - ASBESTOS LOCATIONS - BLDGS 1 + 2, BASEMENT
 NTS

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ISSUE FOR BID	09/02/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 3	08/09/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 2	06/27/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION + MOD 2	06/10/2022
FINAL CONSTRUCTION DOCUMENTS SUBMISSION	03/28/2022
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95% CONSTRUCTION DEVELOPMENT SUBMISSION	02/10/2022
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Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

Bancroft

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 VA CONTRACT NO. 36C26319D0044

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STAMP

Office of
 Construction
 and Facilities
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VA U.S. Department
 of Veterans Affairs

Drawing Title
**HAZARDOUS MATERIALS - ASBESTOS
 LOCATIONS - B1 & B2 BASEMENT**

Approved: Project Director

Phase
**CONSTRUCTION
 DOCUMENTS**

FULLY SPRINKLERED

Project Title
**EHRM INFRASTRUCTURE
 UPGRADES**

Location
DES MOINES, IOWA

Issue Date
 09/02/2022

Checked
 XX

Drawn
 XX

Project Number
636A6-21-101

Building Number
 1, 2, 3, 4, 5, 6M, 7M, 9, 10,
 11, 12, 21, 24, 25, 27, & 28

Drawing Number
01_02-HA100

A
B
C
D
E
F



- HAZARDOUS MATERIALS LEGEND**
- MASTIC PUCKS ON CEILING
 - CREAM FLOOR TILE (BOTTOM LAYER)
 - 2" PIPE FITTING INSULATION
 - 9x9 TAN FLOOR TILE & MASTIC
 - NEGATIVE HAZARDOUS MATERIALS



1 HAZARDOUS MATERIALS - ASBESTOS LOCATIONS - BLDGS 1 + 2 FIRST FLOOR

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 636A6-21-101 - EHRM Infrastructure Upgrades - Des Moines, IA

ISSUE FOR BID	09/02/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 3	08/09/2022
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Revisions:	Date:

CONSULTANT

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
HAZARDOUS MATERIALS - ASBESTOS LOCATIONS - B1 & B2, FIRST FLOOR

Approved: Project Director

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES

Location
DES MOINES, IOWA

Issue Date
 09/02/2022

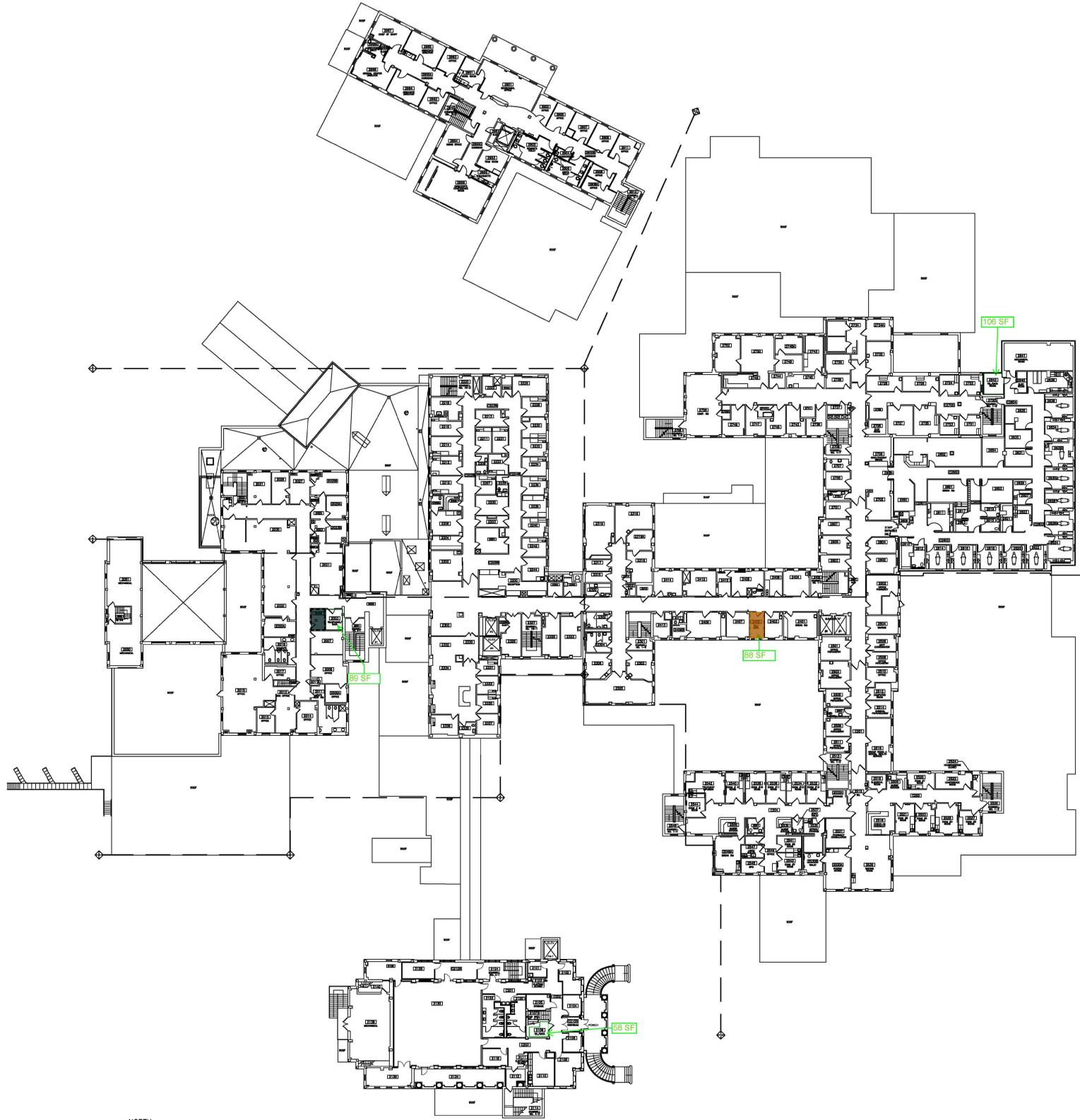
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Drawn
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Project Number
 636A6-21-101

Building Number
 1, 2, 3, 4, 5, 6M, 7M, 9, 10, 11, 12, 21, 24, 25, 27, & 28

Drawing Number
01_02-HA101



HAZARDOUS MATERIALS LEGEND
 ■ 12x12 TAN FLOOR TILE MASTIC
 ■ MASTIC UNDER 12x12 BROWN FLOOR TILE
 □ NEGATIVE HAZARDOUS MATERIALS



1 HAZARDOUS MATERIALS - ASBESTOS LOCATIONS - BLDGS 1 + 2, FOURTH FLOOR

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ISSUE FOR BID	09/02/2022
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Revisions:	Date:

CONSULTANT

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Office of
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VA U.S. Department
 of Veterans Affairs

Drawing Title
 HAZARDOUS MATERIALS - ASBESTOS
 LOCATIONS - B1 & B2, SECOND FLOOR

Approved: Project Director

Phase
 CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
 EHRM INFRASTRUCTURE
 UPGRADES

Location
 DES MOINES, IOWA

Issue Date
 09/02/2022

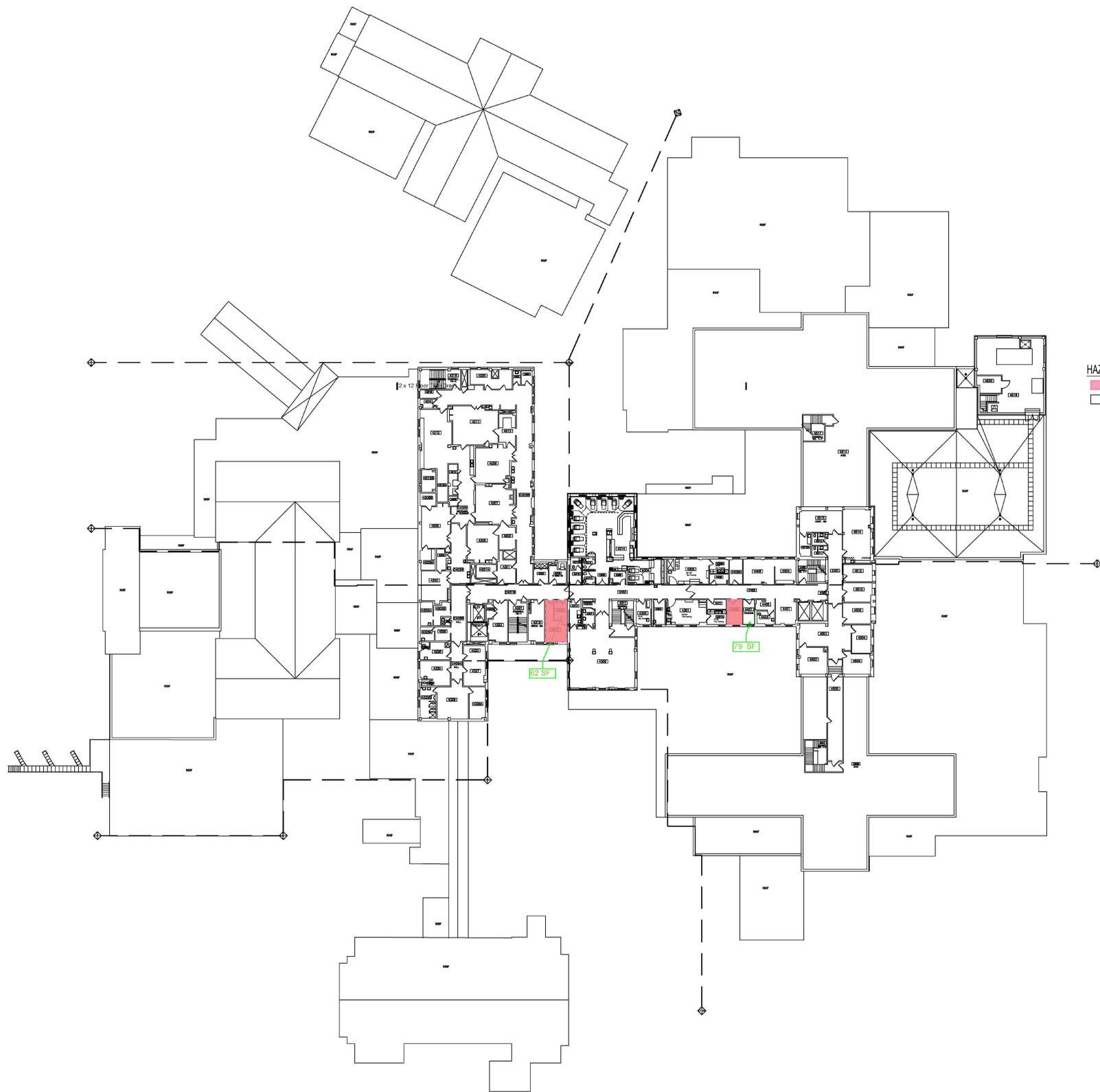
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Drawn
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Project Number
 636A6-21-101

Building Number
 1, 2, 3, 4, 5, 6M, 7M, 9, 10,
 11, 12, 21, 24, 25, 27, & 28

Drawing Number
 01_02-HA102



HAZARDOUS MATERIALS LEGEND
 12x12 FLOOR TILE (GRAY)
 NEGATIVE HAZARDOUS MATERIALS

NORTH
 1 HAZARDOUS MATERIALS - ASBESTOS LOCATIONS - BLDGS 1 + 2, FOURTH FLOOR
 NTS

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ISSUE FOR BID	09/02/2022
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35% DESIGN DEVELOPMENT SUBMISSION	10/07/2021
Revisions:	Date:

CONSULTANT

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Office of Construction and Facilities Management
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Drawing Title
 HAZARDOUS MATERIALS - ASBESTOS LOCATIONS - B1 & B2, FOURTH FLOOR

Approved: Project Director

Phase
 CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
 EHRM INFRASTRUCTURE UPGRADES

Location
 DES MOINES, IOWA

Issue Date
 09/02/2022

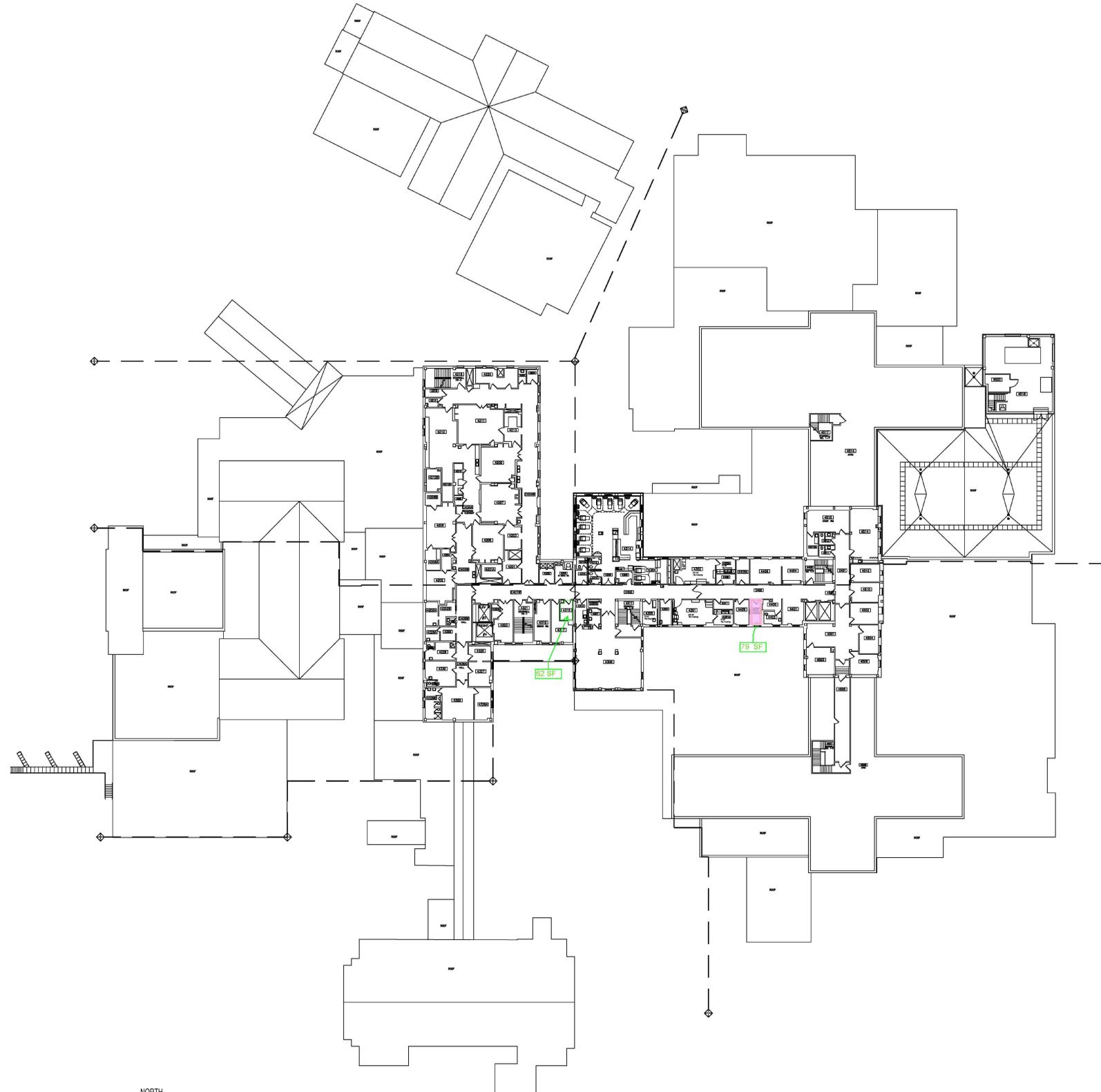
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Drawn
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Project Number
 636A6-21-101

Building Number
 1, 2, 3, 4, 5, 6M, 7M, 9, 10, 11, 12, 21, 24, 25, 27, & 28

Drawing Number
 01_02-HA104



HAZARDOUS MATERIALS LEGEND
 TRACE LEAD DETECTED (WHITE)
 NEGATIVE HAZARDOUS MATERIALS



1 HAZARDOUS MATERIALS - LEAD LOCATIONS - BLDG 1, FOURTH FLOOR

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ISSUE FOR BID	09/02/2022
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FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 2	06/27/2022
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Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

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 T: 847.952.9362
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VA U.S. Department of Veterans Affairs

Drawing Title
 HAZARDOUS MATERIALS - LEAD LOCATIONS - B1 FOURTH FLOOR

Approved: Project Director

Phase
 CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
 EHRM INFRASTRUCTURE UPGRADES

Location
 DES MOINES, IOWA

Issue Date
 09/02/2022

Checked
 XX

Drawn
 XX

Project Number
 636A6-21-101

Building Number
 1, 2, 3, 4, 5, 6M, 7M, 9, 10, 11, 12, 21, 24, 25, 27, & 28

Drawing Number
 01-HL104

A

B

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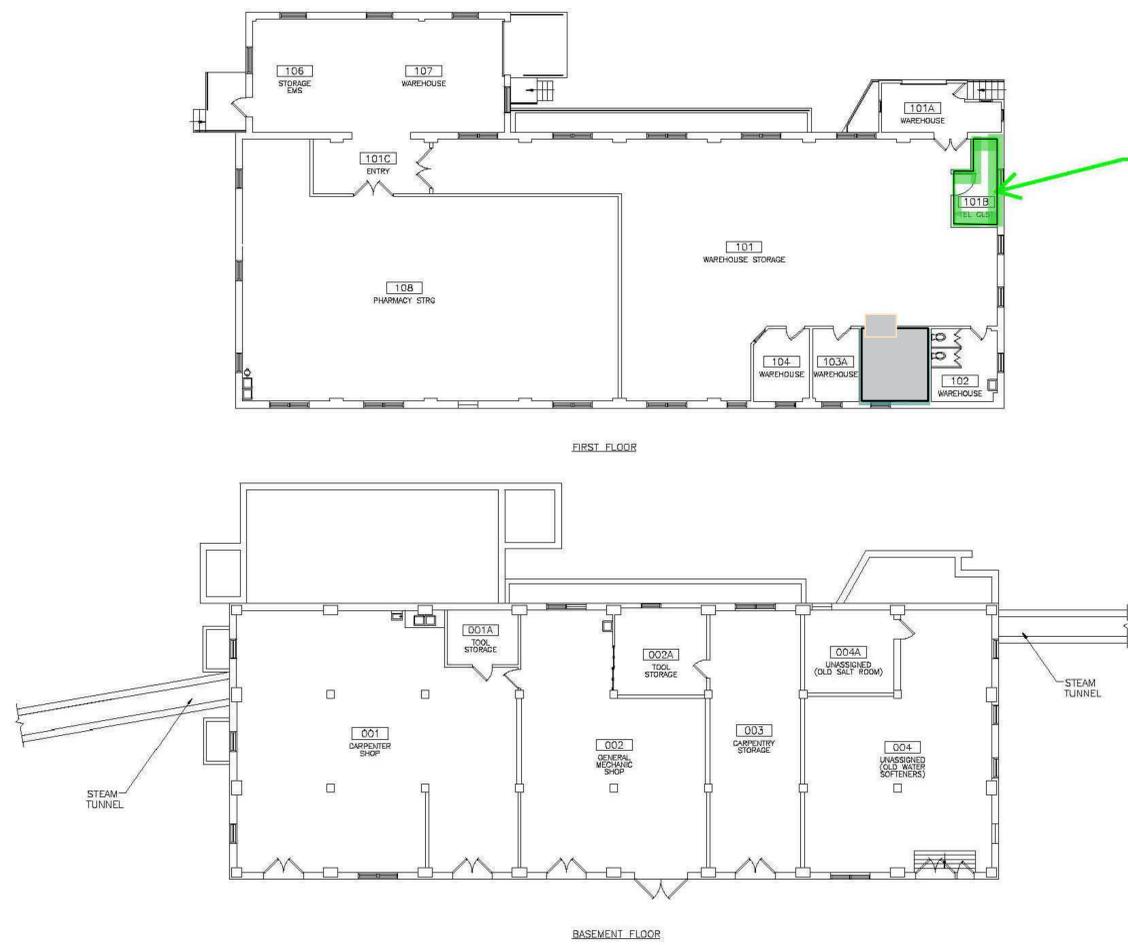
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70 SF

- Lead-Containing Paint (White)
- Trace Lead Detected (Tan)
- Trace Lead Detected (Green)



1 HAZARDOUS MATERIALS - LEAD LOCATIONS - BLDG 9, FIRST FLOOR

ISSUE FOR BID	09/02/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 3	08/09/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 2	06/27/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION + MOD 2	06/10/2022
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Revisions:	Date:

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VA CONTRACT NO. 36C26319D0044

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BAE PROJECT NO. 18-121

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
HAZARDOUS MATERIALS - LEAD LOCATIONS - B9, FIRST FLOOR

Approved: Project Director

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES

Location
DES MOINES, IOWA

Issue Date
09/02/2022

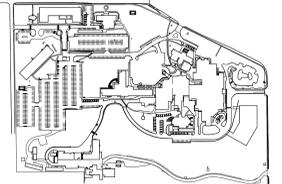
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Drawn
XX

Project Number
636A6-21-101

Building Number
1, 2, 3, 4, 5, 6M, 7M, 9, 10, 11, 12, 21, 24, 25, 27, & 28

Drawing Number
09-HL101



VICINITY MAP

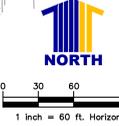
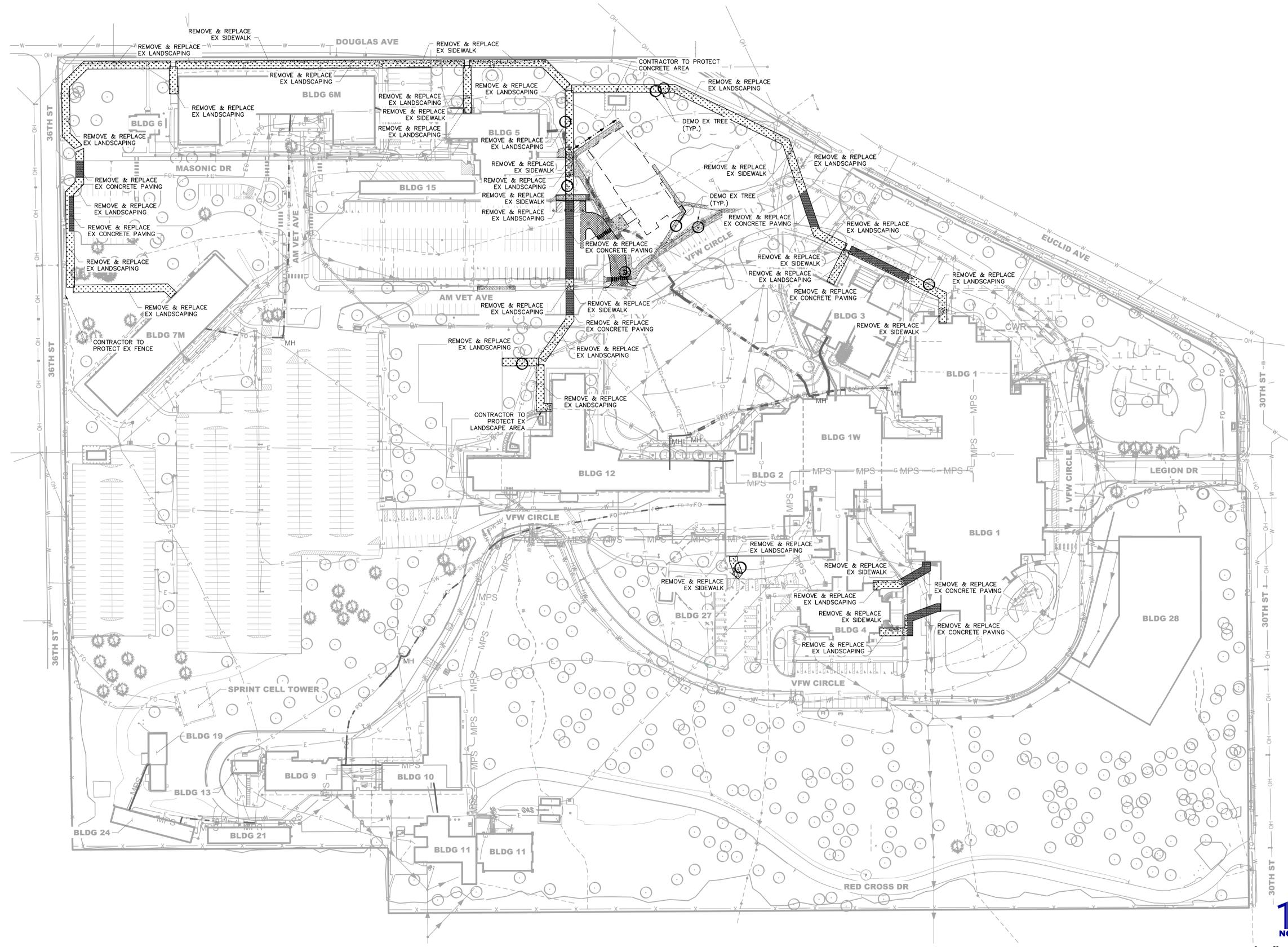
1"=500'

LEGEND

EX. WATER MAIN	
EX. SANITARY SEWER MAIN	
EX. SANITARY SEWER MANHOLE	
EX. STORM INLET	
EX. STORM PIPE	
EX. STORM MANHOLE	
EX. ELECTRIC W MANHOLE	
EX. FIBER OPTIC LINE	
EX. IRRIGATION LINE	
EX. FENCE LINE	
EX. TELEPHONE LINE	
EX. TREE	
DEMO EX. TREE	
PR. FIBER OPTIC CONC. TRENCHING	
PR. FIBER OPTIC SIDEWALK REMOVAL	
PR. FIBER OPTIC GRASS TRENCHING	

SHEET NOTES:

1. THE EXISTING SITE AND UTILITY LAYOUT IS BASED ON CAD INFORMATION OBTAINED FROM THE VA. THE CONTRACTOR SHALL VERIFY ALL HORIZONTAL AND VERTICAL LOCATIONS FOR ALL UTILITY CROSSINGS / CONFLICTS PRIOR TO CONSTRUCTION.
2. CONTRACTOR TO PROVIDE SURVEY INFORMATION FOR ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
3. CONTRACTOR TO NOTIFY THE ENGINEER WHEN FIELD ADJUSTMENTS TO THE ALIGNMENT OF THE PROPOSED UTILITY CONDUITS ARE NOT PRACTICAL.
4. CONTRACTOR SHALL ENGAGE GEOTECHNICAL ENGINEER PRIOR TO POTHOLES AND EXCAVATION.
5. CONTRACTOR TO MATCH EXISTING PAVEMENT CONDITIONS FOR ALL ASPHALT AND CONCRETE PATCHES.
6. CONTRACTOR TO VERIFY PROPOSED UTILITY ROUTING.
7. CONTRACTOR SHALL COORDINATE ALTERNATIVE TRAFFIC ROUTING WITH THE VA PRIOR TO CONSTRUCTION AND PROVIDE TRAFFIC CONTROL DURING CONSTRUCTION.
8. CONTRACTOR TO MAINTAIN A MINIMUM OF 1 LANE OPEN IN THE 21ST AVENUE NORTH ENTRANCE AT ALL TIMES.



J:\BANCROFT\VA DES MOINES EHRM\CADD\CIVIL10 - CDS\DM100.BWVG
 J:\BANCROFT\VA DES MOINES EHRM\CADD\CIVIL10 - CDS\DM100.DWG
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FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 3	08/09/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 2	06/27/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION + MOD 2	06/10/2022
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65% DESIGN DEVELOPMENT SUBMISSION	12/09/2021
35% DESIGN DEVELOPMENT SUBMISSION	10/07/2021
Revisions:	Date:

CONSULTANT

Calibre

Calibre Engineering, Inc.
 9090 South Ridgeline Boulevard, Suite 105
 Highlands Ranch, CO 80129 (303) 730-0434
 www.calibre-engineering.com
 Construction Management Civil Engineering Surveying

ARCHITECT/ENGINEER OF RECORD

Bancroft

3300 Dundee Road
 Northbrook, IL 60062
 312.447.9292
 www.bancroft-ae.com
 BAE PROJECT NO. 18-121



Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
CIVIL - DEMOLITION PLAN

Approved: Project Director

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES

DES MOINES, IOWA

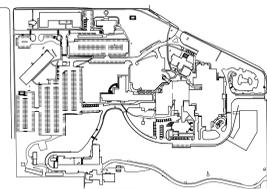
09/10/2022

Checked: **JAG**
 Drawn: **AMM**

Project Number
636A6-21-101

Building Number
 1, 2, 3, 4, 5, 6M, 7M, 9, 10, 11, 12, 21, 24, 25, 27, & 28

Drawing Number
DM100



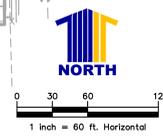
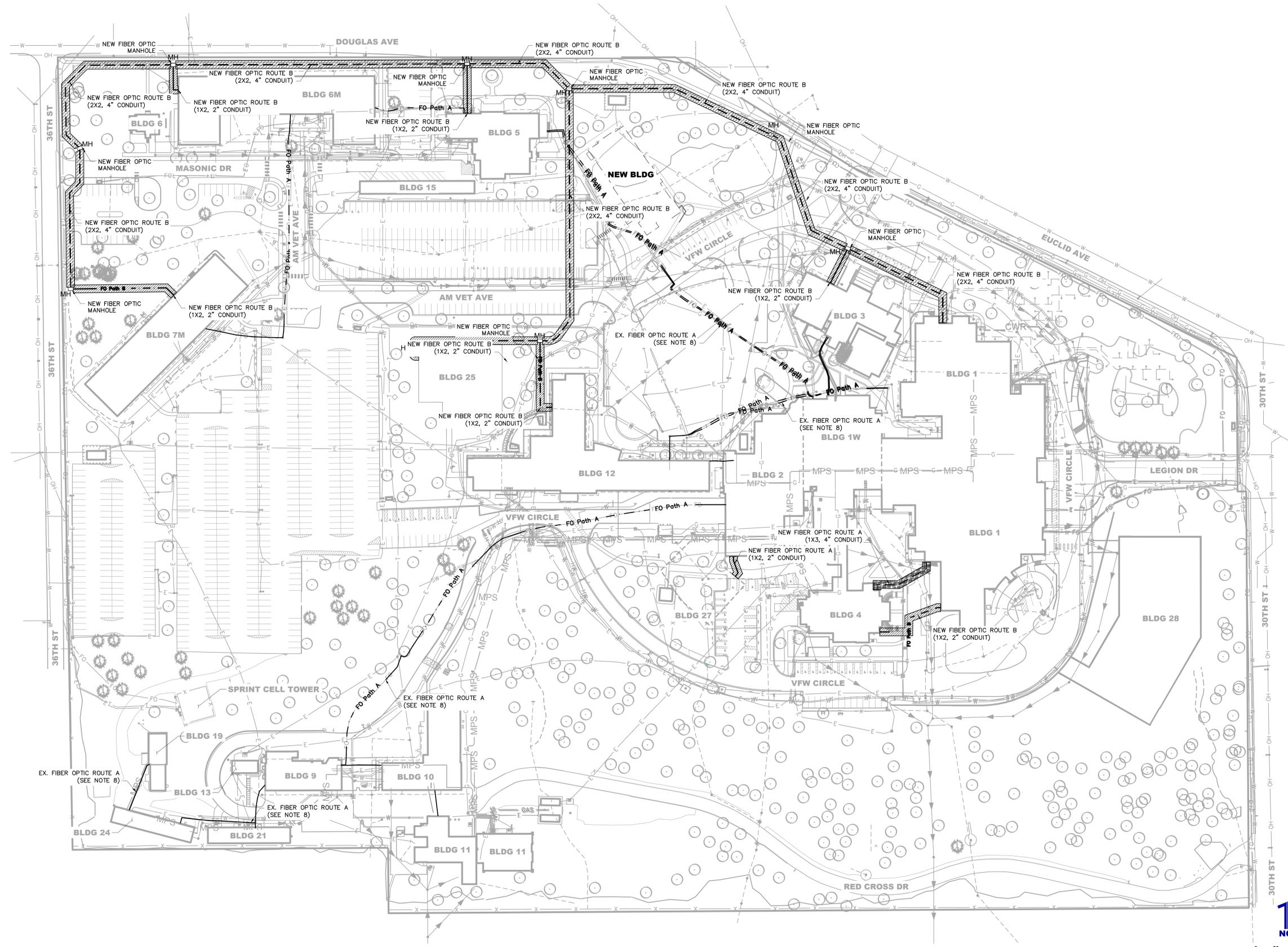
VICINITY MAP
1"=500'

LEGEND

- EX. WATER MAIN
- EX. SANITARY SEWER MAIN
- EX. SANITARY SEWER MANHOLE
- EX. STORM INLET
- EX. STORM PIPE
- EX. STORM MANHOLE
- EX. ELECTRIC W MANHOLE
- EX. FIBER OPTIC LINE
- EX. IRRIGATION LINE
- EX. FENCE LINE
- EX. TELEPHONE LINE
- FIBER OPTIC ROUTE A
NEW 1X3 4" CONDUIT
(SEE SHEET CD101)
- FIBER OPTIC ROUTE B
NEW 1X2 2" CONDUIT
(SEE SHEET CD101)
- FIBER OPTIC ROUTE A
NEW 1X2 2" CONDUIT
(SEE SHEET CD101)
- FIBER OPTIC ROUTE B
NEW 2X2 4" CONDUIT
(SEE SHEET CD101)
- FIBER OPTIC ROUTE A
NEW 1X2 2" CONDUIT
(SEE SHEET CD101)
- EX. TELECOM DUCT
BANK FOR FIBER
OPTIC ROUTE A
- NEW FIBER OPTIC MANHOLE
SEE DETAIL SHEET CD101
- TRENCH 1 SEE DETAIL SHEET CD101
- TRENCH 2 SEE DETAIL SHEET CD101
- TRENCH 3 SEE DETAIL SHEET CD101
- POTHOLE
UTILITY ELEVATION
902.36 (9.50)
FEET BELOW SURFACE THAT
UTILITY WAS LOCATED

SHEET NOTES:

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8/22/2022 7:36:56 AM

FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 3	08/09/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION 2	06/27/2022
FINAL CONSTRUCTION DOCUMENTS RESUBMISSION + MOD 2	06/10/2022
FINAL CONSTRUCTION DOCUMENTS SUBMISSION	03/28/2022
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65% DESIGN DEVELOPMENT SUBMISSION	12/09/2021
35% DESIGN DEVELOPMENT SUBMISSION	10/07/2021
Revisions:	Date:

CONSULTANT

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Construction Management Civil Engineering Surveying

ARCHITECT/ENGINEER OF RECORD

Bancroft

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VA CONTRACT NO. 36C26319D0044
3300 Dundee Road
Northbrook, IL 60062
312.447.9292
www.bancroft-ae.com
BAE PROJECT NO. 18-121

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
CIVIL - OVERALL UTILITY PLAN

Approved: Project Director

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES

DES MOINES, IOWA

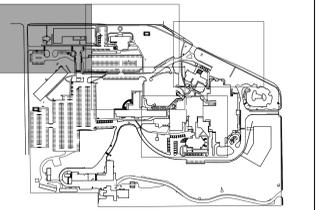
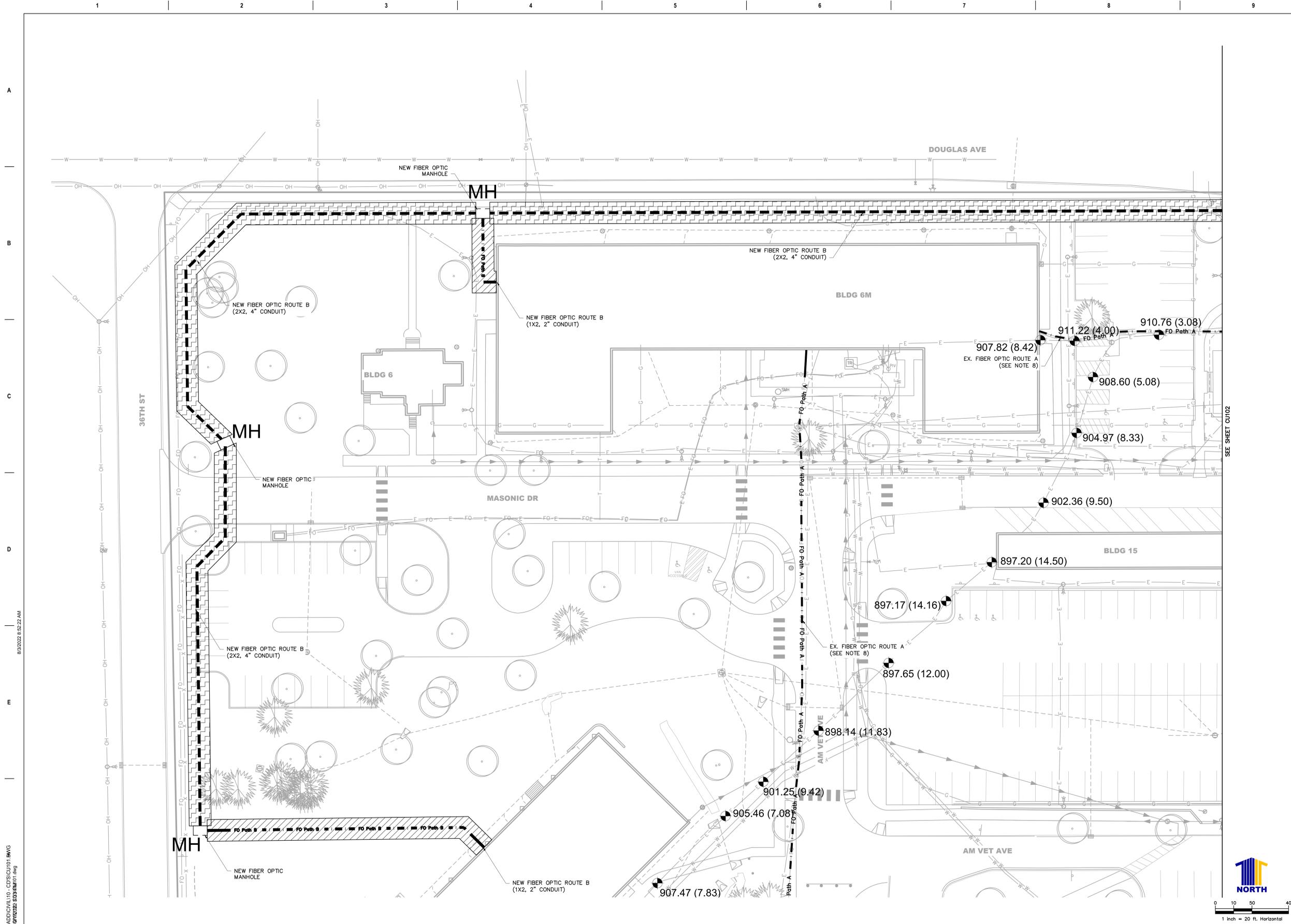
09/10/2022

Checked: **JAG**
Drawn: **AMM**

Project Number
636A6-21-101

Building Number
1, 2, 3, 4, 5, 6M, 7M, 9, 10, 11, 12, 21, 24, 25, 27, & 28

Drawing Number
CU100



LEGEND

EX. WATER MAIN	---
EX. SANITARY SEWER MAIN	---
EX. SANITARY SEWER MANHOLE	⊙
EX. STORM INLET	⊠
EX. STORM PIPE	---
EX. STORM MANHOLE	⊙
EX. ELECTRIC W MANHOLE	⊙
EX. FIBER OPTIC LINE	FO
EX. IRRIGATION LINE	IR
EX. FENCE LINE	---
EX. TELEPHONE LINE	---
FIBER OPTIC ROUTE A NEW 1X2 2" CONDUIT (SEE SHEET CD101)	FO Path A
FIBER OPTIC ROUTE B NEW 2X2 4" CONDUIT (SEE SHEET CD101)	FO Path B
FIBER OPTIC ROUTE B NEW 1X2 2" CONDUIT (SEE SHEET CD101)	FO Path A
EX. TELECOM DUCT BANK FOR FIBER OPTIC ROUTE A	FO Path A
NEW FIBER OPTIC MANHOLE SEE DETAIL SHEET CD101	MH
TRENCH 1 SEE DETAIL SHEET CD101	---
TRENCH 2 SEE DETAIL SHEET CD101	---
TRENCH 3 SEE DETAIL SHEET CD101	---
POTHOLE	⊙
UTILITY ELEVATION FEET BELOW SURFACE THAT UTILITY WAS LOCATED	⊙

- SHEET NOTES:**
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Revisions:	Date:

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BAE PROJECT NO. 18-121



Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
CIVIL - UTILITY PLAN (SHEET 1 OF 5)

Approved: Project Director

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES

DES MOINES, IOWA

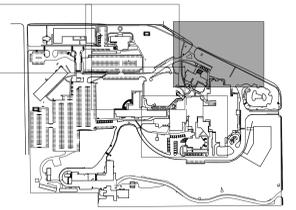
09/10/2022

Checked: **JAG**
Drawn: **AMM**

Project Number
636A6-21-101

Building Number
1, 2, 3, 4, 5, 6M, 7M, 9, 10, 11, 12, 21, 24, 25, 27, & 28

Drawing Number
CU101



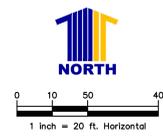
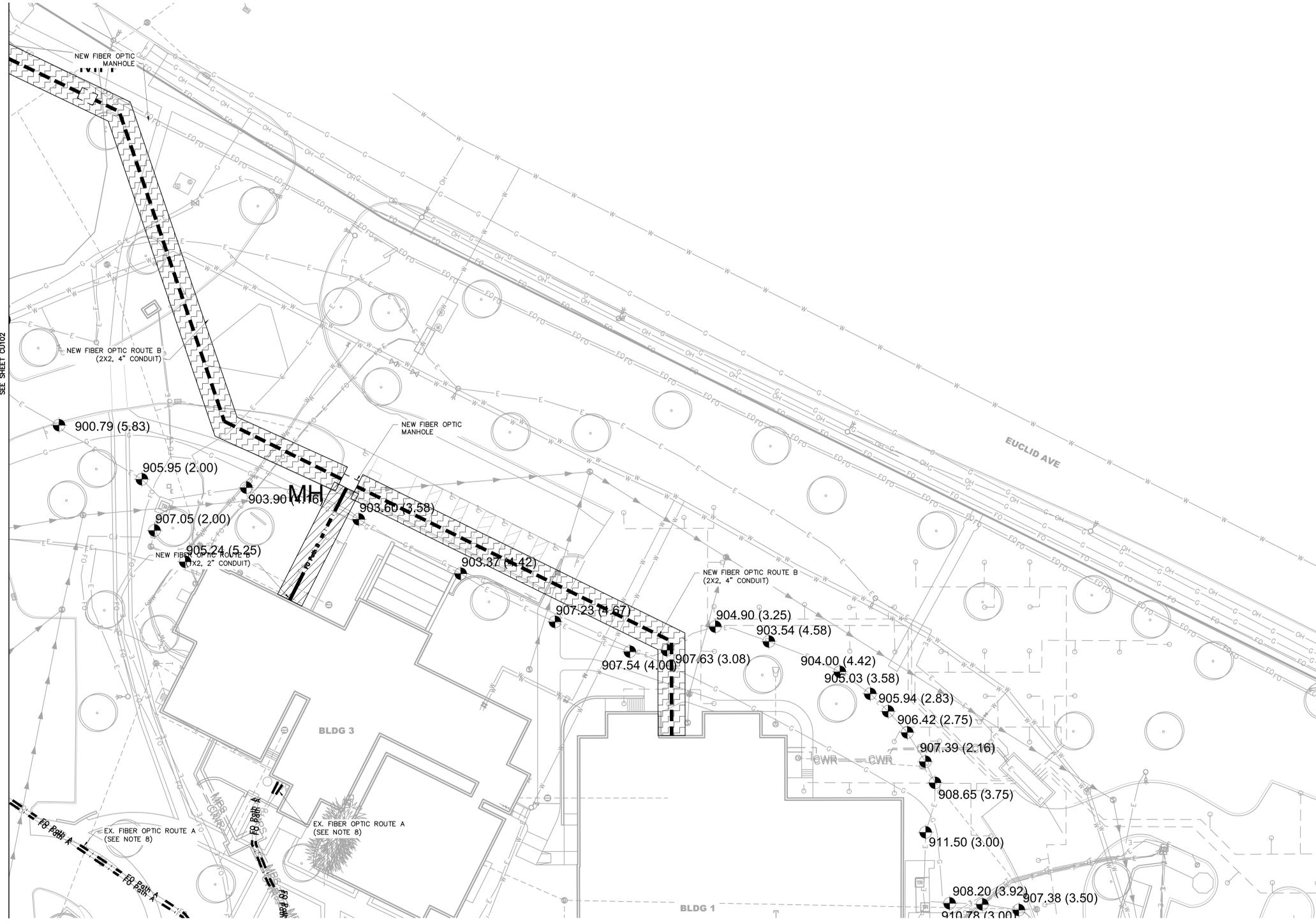
VICINITY MAP
1"=500'

LEGEND

- EX. WATER MAIN
- EX. SANITARY SEWER MAIN
- EX. SANITARY SEWER MANHOLE
- EX. STORM INLET
- EX. STORM PIPE
- EX. STORM MANHOLE
- EX. ELECTRIC W MANHOLE
- EX. FIBER OPTIC LINE
- EX. IRRIGATION LINE
- EX. FENCE LINE
- EX. TELEPHONE LINE
- FIBER OPTIC ROUTE A
NEW 1X3 4" CONDUIT
(SEE SHEET CD101)
- FIBER OPTIC ROUTE A
NEW 1X2 2" CONDUIT
(SEE SHEET CD101)
- FIBER OPTIC ROUTE B
NEW 2X2 4" CONDUIT
(SEE SHEET CD101)
- FIBER OPTIC ROUTE B
NEW 1X2 2" CONDUIT
(SEE SHEET CD101)
- EX. TELECOM DUCT
BANK FOR FIBER
OPTIC ROUTE A
- NEW FIBER OPTIC MANHOLE
SEE DETAIL SHEET CD101
- TRENCH 1 SEE DETAIL SHEET CD101
- TRENCH 2 SEE DETAIL SHEET CD101
- TRENCH 3 SEE DETAIL SHEET CD101
- POTHOLE
- UTILITY ELEVATION
FEET BELOW SURFACE THAT
UTILITY WAS LOCATED

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Revisions:	Date:

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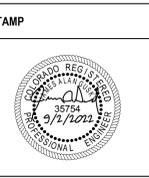
Calibre Engineering, Inc.
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ARCHITECT/ENGINEER OF RECORD

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BAE PROJECT NO. 18-121



Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
CIVIL - UTILITY PLAN (SHEET 3 OF 5)

Approved: Project Director

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
EHRM INFRASTRUCTURE UPGRADES

DES MOINES, IOWA

09/10/2022

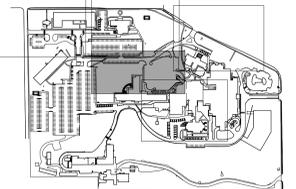
Checked: **JAG**
Drawn: **AMM**

Project Number
636A6-21-101

Building Number
1, 2, 3, 4, 5, 6M, 7M, 9, 10, 11, 12, 21, 24, 25, 27, & 28

Drawing Number
CU103

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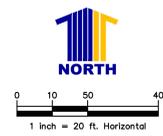
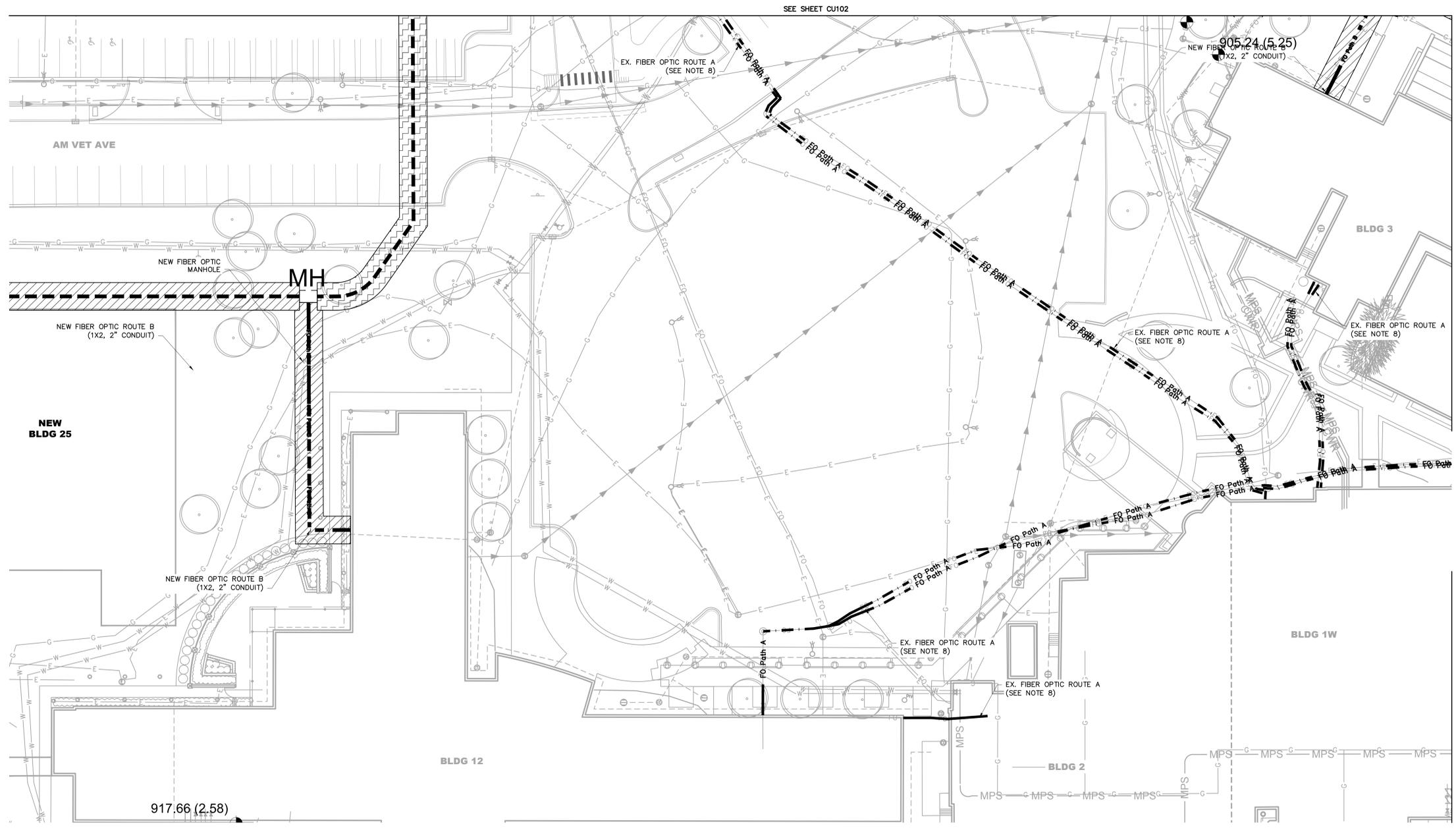
VICINITY MAP
1"=500'

LEGEND

- EX. WATER MAIN
- EX. SANITARY SEWER MAIN
- EX. SANITARY SEWER MANHOLE
- EX. STORM INLET
- EX. STORM PIPE
- EX. STORM MANHOLE
- EX. ELECTRIC W MANHOLE
- EX. FIBER OPTIC LINE
- EX. IRRIGATION LINE
- EX. FENCE LINE
- EX. TELEPHONE LINE
- FIBER OPTIC ROUTE A NEW 1X3 4" CONDUIT (SEE SHEET CD101)
- FIBER OPTIC ROUTE A NEW 1X2 2" CONDUIT (SEE SHEET CD101)
- FIBER OPTIC ROUTE B NEW 2X2 4" CONDUIT (SEE SHEET CD101)
- FIBER OPTIC ROUTE B NEW 1X2 2" CONDUIT (SEE SHEET CD101)
- EX. TELECOM DUCT BANK FOR FIBER OPTIC ROUTE A
- NEW FIBER OPTIC MANHOLE SEE DETAIL SHEET CD101
- TRENCH 1 SEE DETAIL SHEET CD101
- TRENCH 2 SEE DETAIL SHEET CD101
- TRENCH 3 SEE DETAIL SHEET CD101
- POTHOLE
- UTILITY ELEVATION
- FEET BELOW SURFACE THAT UTILITY WAS LOCATED

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Revisions:	Date:

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BAE PROJECT NO. 18-121



Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
CIVIL - UTILITY PLAN (SHEET 4 OF 5)

Phase
CONSTRUCTION DOCUMENTS

Project Title
EHRM INFRASTRUCTURE UPGRADES

Project Number
636A6-21-101

Building Number
1, 2, 3, 4, 5, 6M, 7M, 9, 10, 11, 12, 21, 24, 25, 27, & 28

Drawing Number
CU104

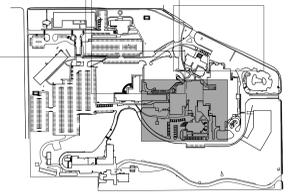
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09/10/2022

Checked
JAG

Drawn
AMM

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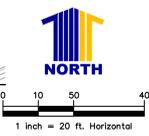
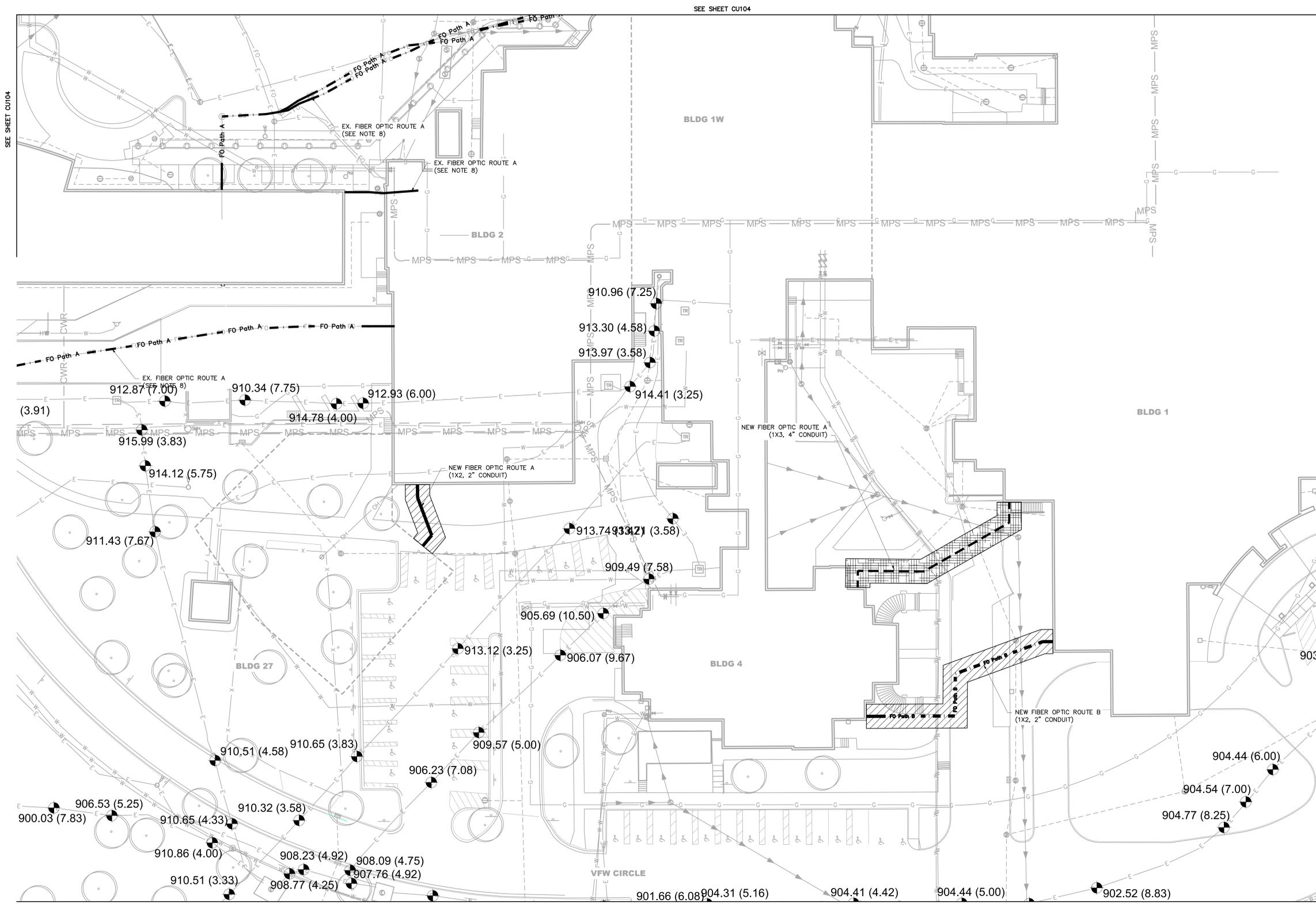
VICINITY MAP
1"=500'

LEGEND

- EX. WATER MAIN
- EX. SANITARY SEWER MAIN
- EX. SANITARY SEWER MANHOLE
- EX. STORM INLET
- EX. STORM PIPE
- EX. STORM MANHOLE
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BAE PROJECT NO. 18-121

STAMP

Office of Construction and Facilities Management

Drawing Title
CIVIL - UTILITY PLAN (SHEET 5 OF 5)

Phase
CONSTRUCTION DOCUMENTS

Project Title
EHRM INFRASTRUCTURE UPGRADES

Project Number
636A6-21-101

Building Number
1, 2, 3, 4, 5, 6M, 7M, 9, 10, 11, 12, 21, 24, 25, 27, & 28

Drawing Number
CU105

Approved: Project Director

DES MOINES, IOWA

09/10/2022

Checked: JAG

Drawn: AMM