

VIRGINIA HOSPITAL CENTER DEMOLITION

PHASE 2 - BID SET 06-22-2022

ARLINGTON, VA

RRMM ARCHITECTS, PC

ARCHITECTURE / PLANNING / INTERIORS

2700 South Quincy Street, Suite 300
Arlington, VA 22206
(703) 998-0101

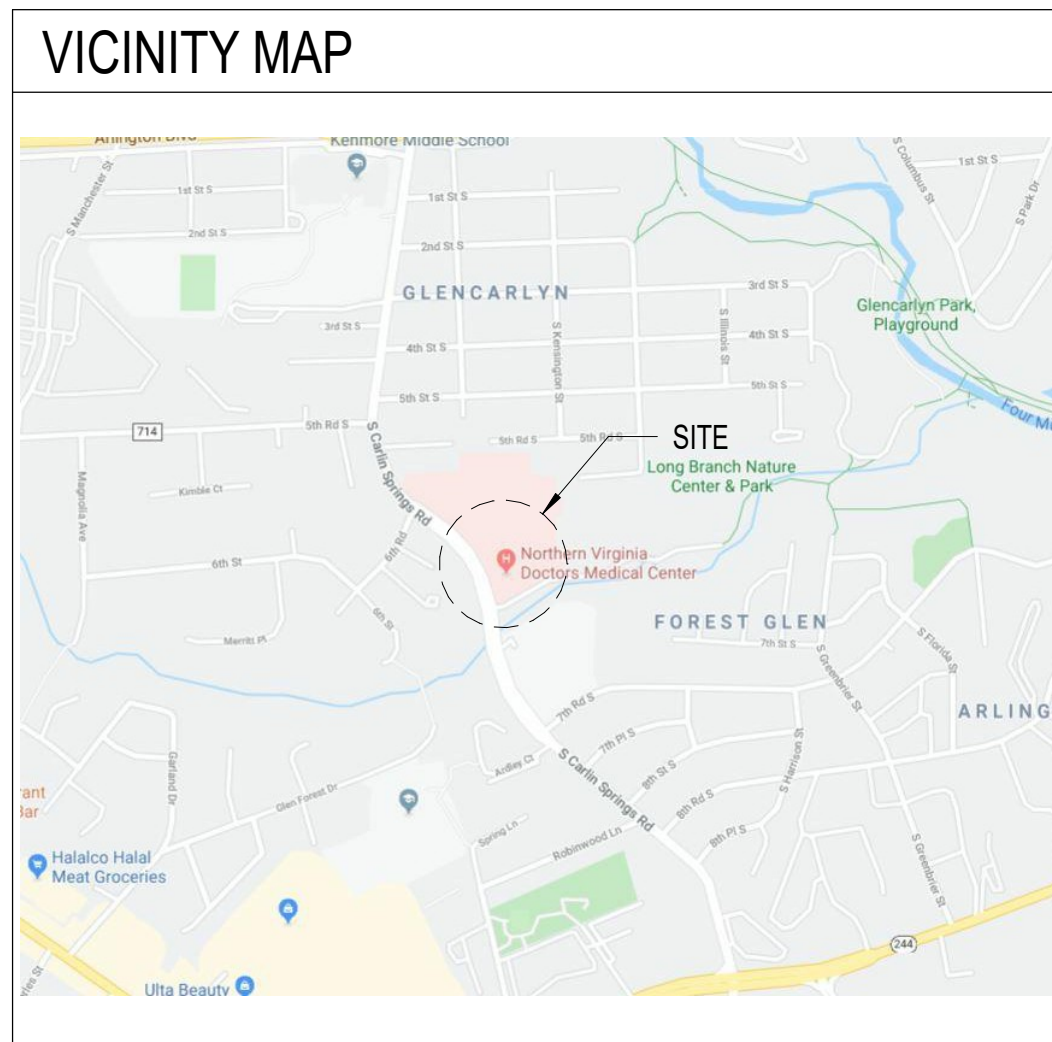
115 South 15th Street, Suite 202
Richmond, VA 23219
(804) 277-8987

1317 Executive Boulevard, Suite 200
Chesapeake, VA 23320
(757) 622-2828

28 Church Avenue SW
Roanoke, VA 24011
(540) 344-1212

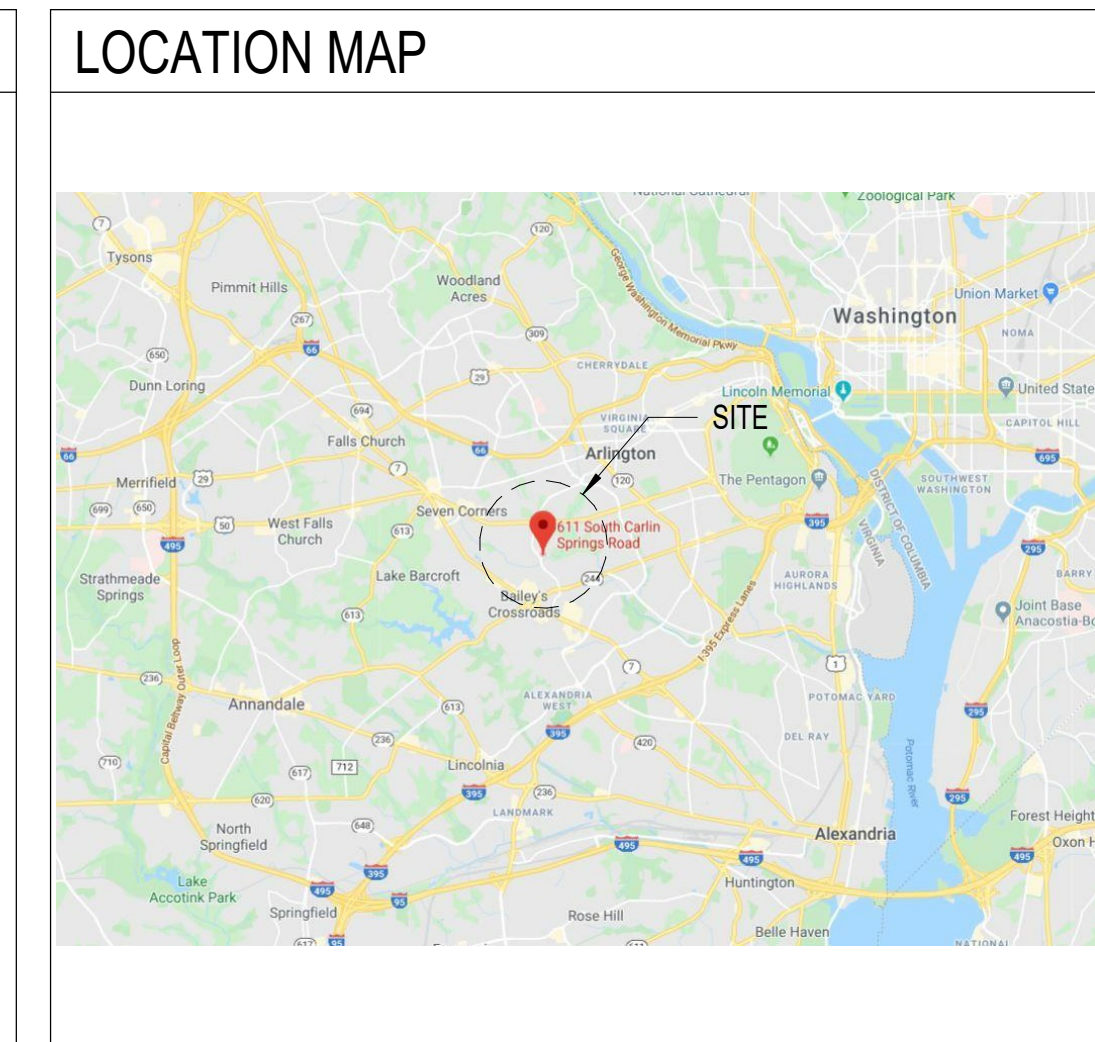
3737 Glenwood Avenue, Suite 100
Raleigh, NC 27612
(919) 827-0151

1 Research Court, Suite 450
Rockville, MD 20850
(240) 403-4101



CONSULTANTS		
AMT ENGINEERING CIVIL ENGINEERING 1455 AVION PARKWAY, STE 150 CHANTILLY, VA 20151 (703) 817-1373	GPI ENGINEERING STRUCTURAL AND MEP ENGINEERING 8001 BRADDOCK ROAD, STE. 200 SPRINGFIELD, VA 22151 (703) 978-0100	DOWNEY & SCOTT COST ESTIMATE 6799 KENNEDY ROAD, UNIT F WARRENTON, VA 20187 (540) 347-5001

OWNER
ARLINGTON COUNTY, FACILITIES DESIGN & CONSTRUCTION 1400 N UHLE ST. ARLINGTON, VA 22201 P: 703.228.4509 F: 703.228.3903



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DATE	PROJECT	DESIGNED	DRAWN	CHECKED	MARK	DATE	BY	DES
06.22.2022	13356.28	KDL	DWH	KDL				

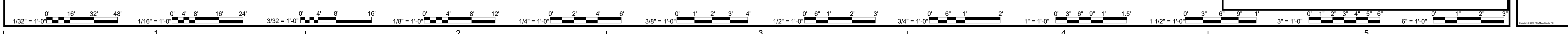
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PROJECT VIRGINIA HOSPITAL CENTER DEMOLITION - PHASE 2
 ARLINGTON, VA
 601 S CARLIN SPRINGS ROAD, ARLINGTON, VA 22204.
 DRAWING COVER SHEET

SHEET
2-G-001

6/23/2022 3:22:39 PM BIN 360 / 13356-28 Virginia Hospital Center / 13356-28 v20 Virginia Hospital Center - Arch.rvt

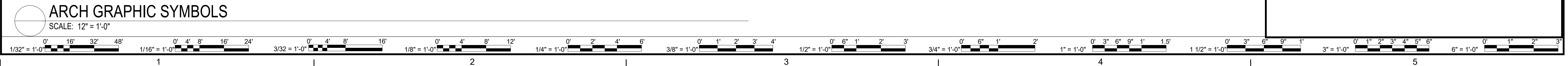
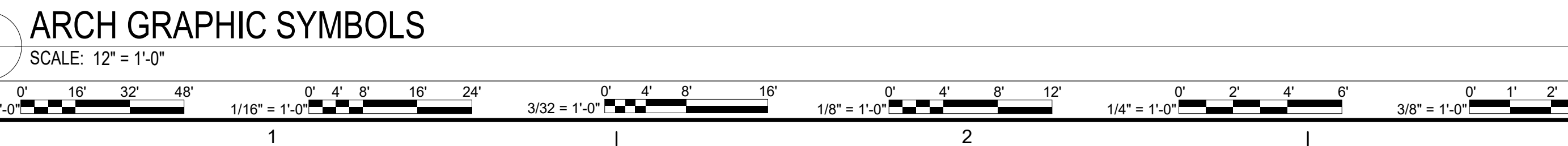
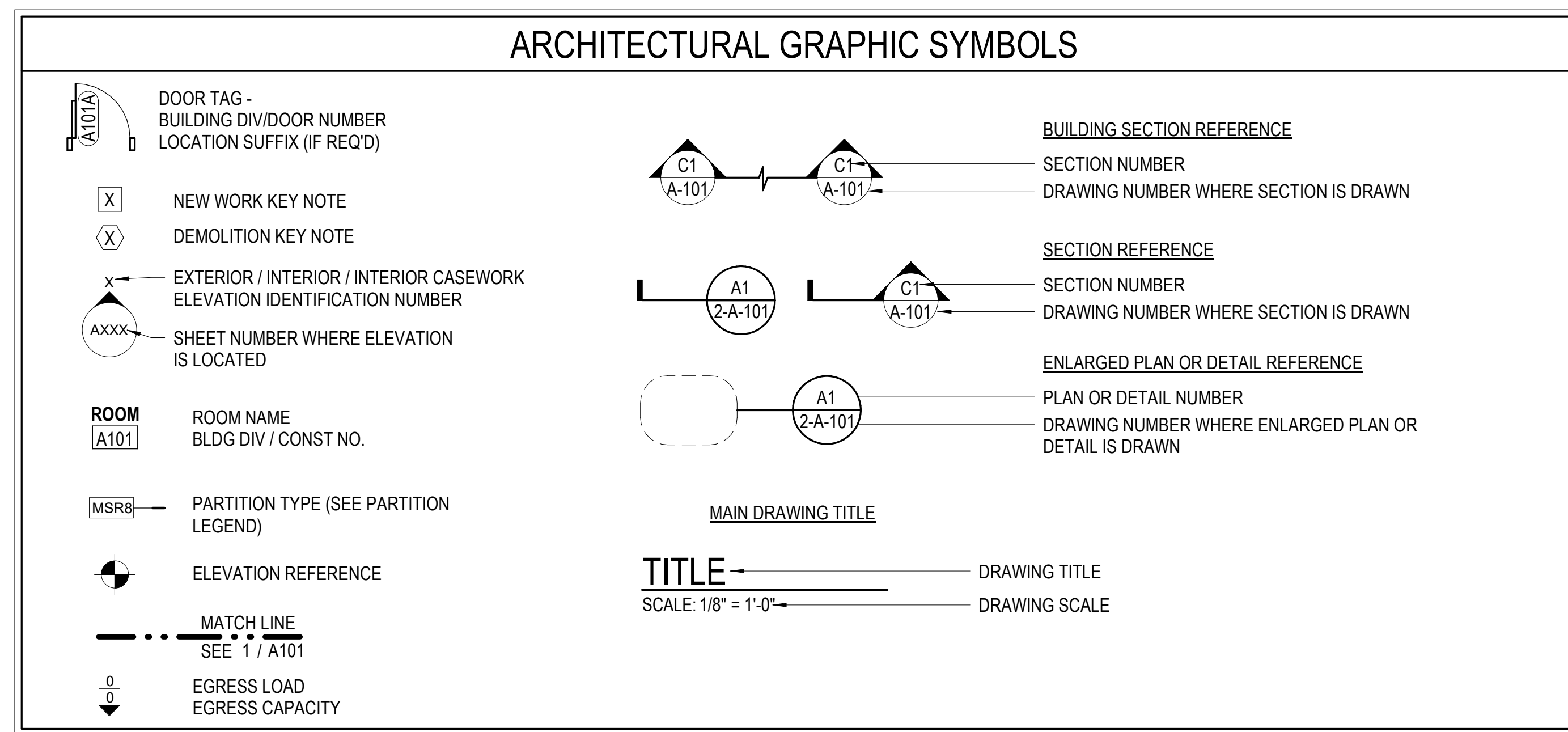


#	NUMBER	DIA	DIAMETER	HW	HOT WATER HEATER	PTD	PAINTED
&, +	AND	DIAG	DIAGONAL	PTN	PARTITION	QTY	QUANTITY
+/-	PLUS OR MINUS	DIM	DIMENSION	ID	INSIDE DIAMETER	R	RISER, RIDGE
@	AT	DIV	DIVISION	IN	INCH	RA	RETURN AIR
°	DEGREES	DL	DEAD LOAD	INFO	INFORMATION	RAD	RADIUS
∅	DIAMETER	DN	DOWN	INST	INSTALLATION	RD	ROOF DRAIN
Ω	ARC LENGTH	DPG	DAMPSPROUT	INSUL	INSULATE, INSULATED, INSULATION	RECP	RECEPTACLE
AB	ANCHOR BOLT	DS	DOWNSPOUT	INT	INTERIOR	REF	REFERENCE
ABV	ABOVE	DWG	DRAWING	INV	INVERT	REINF	REINFORCE, REINFORCED, REINFORCING
ACM	ASBESTOS CONTAINING MATERIAL	DWR	DRAWER	JAN	JANITOR	REM	REMOVE
ADDN	ADDITION	E	EAST	JB	JUNCTION BOX	REQD	REQUIRED
ADJ	ADJUSTABLE	EA	EACH	JC	JANITOR CLOSET	RET	RETURN
AFF	ABOVE FINISH FLOOR	EF	EXHAUST FAN	JT	JOINT	REV	REVISION, REVISIONS, REVISED
AHU	AIR HANDLING UNIT	EIFS	EXTERIOR INSULATION FINISH SYSTEM	KO	KNOCKOUT	RH	RIGHT HAND
AL	ALUMINUM	EJ	EXPANSION JOINT	KV	KILOVOLT	RL	RAIN LEADER
ALT	ALTERNATE	ELEC	ELECTRICAL	KVA	KILOVOLT AMPERE	RO	ROUGH OPENING
AMP, A	AMPERE	ELEV	ELEVATION, ELEVATOR	KW	KILOWATT	RTU	ROOF TOP UNIT
ANCH	ANCHOR, ANCHORAGE	EMER	EMERGENCY	L	LENGTH, LONG, LOW	S	SOUTH
ANOD	ANODIZED	ENCL	ENCLOSE, ENCLOSURE	LAV	LAVATORY	S/S	STAINLESS STEEL, SERVICE SINK
APC	ARCHITECTURAL PRECAST CONCRETE	EPDM	ETHYLENE PROPYLENE DIENE MONOMER	LB	POUND	SAN	SANITARY SEWER
APPROX	APPROXIMATE	EQ	EQUAL	LF	LINEAR FEET	SAPC	SUSPENDED ACOUSTIC PANEL CEILING
ARCH	ARCHITECT, ARCHITECTURAL	EQUIP	EQUIPMENT	LH	LEFT HAND	SC	SOLID CORE, SEALED CONCRETE
ASB	ASBESTOS	EST	ESTIMATE	LIN	LINEAR	SCHED	SCHEDULE
ASPH	ASPHALT	EWC	ELECTRIC WATER COOLER	LLH	LONG LEG HORIZONTAL	SCW	SOLID CORE WOOD
ATTEN	ATTENUATION	EXH	EXHAUST	LLV	LONG LEG VERTICAL	SF	SQUARE FEET
AUTO	AUTOMATIC	EXIST	EXISTING	LP	LOW POINT	SHT	SHEET
AVB	AIR VAPOR BARRIER	EXP	EXPOSED / EXPANSION	LTV	LIGHTING	SIM	SIMILAR
AVG	AVERAGE	EXT	EXTERIOR	LTL	LINTEL	SPEC	SPECIFICATION, SPECIFICATIONS
BC	BOTTOM OF CURB	FAB	FABRICATE	LVR	LOUVER	SO	SQUARE
BD	BOARD	FAS	FASTEN, FASTENER	LW	LIGHTWEIGHT	STC	SOUND TRANSMISSION CLASS
BEJ	BUILDING EXPANSION JOINT	FD	FLOOR DRAIN, FIRE DAMPER	MAINT	MAINTENANCE	STD	STANDARD
BETW	BETWEEN	FDN	FOUNDATION	MANUF	MANUFACTURE, MANUFACTURER	STL	STEEL
BIT	BITUMINOUS	FE	FIRE EXTINGUISHER	MAS	MASONRY	STOR	STORAGE
BLDG	BUILDING	FEC	FIRE EXTINGUISHER CABINET	MATL	MATERIAL	STRUC	STRUCTURAL
BLK	BLOCK	FF	FINISH FLOOR	MAX	MAXIMUM	SUSP	SUSPENDED
BLKG	BLOCKING	FGL	FIBERGLASS	MECH	MECHANIC, MECHANICAL	SYM	SYMMETRICAL, SYMMETRY
BM	BEAM	FH	FIRE HYDRANT	MED	MEDIUM	SYS	SYSTEM
BO	BOTTOM OF	FIN	FINISH, FINISHED	MH	MANHOLE	T	TREAD
BRG	BEARING	FIX	FIXTURE	MISC	MISCELLANEOUS	T&B	TOP & BOTTOM
BRK	BRICK	FLEX	FLEXIBLE	MO	MASONRY OPENING	TEMP	TEMPORARY, TEMPERED
BTWN	BETWEEN	FLR	FLOOR	MOD	MODIFIED	THK	THICK, THICKNESS
BW	BUILT-UP ROOFING	FOC	FACE OF CONCRETE	MOV	MOVABLE	THRU	THROUGH
C	CARPET	FOM	FACE OF MASONRY	MT	MOUNT	TO	TOP OF
CAB	CABINET	FP	FIREPROOF	MTD	MOUNTED, MOUNTING	TOC	TOP OF CURB
CAP	CAPACITY	FR	FIRE RATED	MTL	METAL	TOM	TOP OF MASONRY
CEM	CEMENT	FRT	FIRE RETARDANT TREATED	N	NORTH	TOS	TOP OF STEEL
CER	CERAMIC	FT	FOOT, FEET	NIC	NOT IN CONTRACT	TOW	TOP OF WALL
CER	CERAMIC	FTG	FOOTING	NO	NUMBER	TYP	TYPICAL
CF	CUBIC FOOT	FUR	FURRED, FURRING	NOM	NOMINAL	UC	UNDERCUT
CFMF	COLD FORMED METAL FRAMING	FURR	FURRING	NTS	NOT TO SCALE	UG	UNDER GROUND
CI	CAST IRON	G	GAS	OA	OVERALL	UON	UNLESS OTHERWISE NOTED
CIP	CAST IN PLACE	GA	GAUGE	OC	ON CENTER	V	VOLT, VALLEY
CJ	CONTROL JOINT	GALV	GALVANIZED	OD	OUTSIDE DIAMETER	VCT	VINYL COMPOSITION TILE
CLG	CEILING	GC	GENERAL CONTRACT, CONTRACTOR	OH	OVERHEAD	VERT	VERTICAL
CLR	CLEAR	GEN	GENERAL	OPNG	OPENING	VEST	VESTIBULE
CMP	CORRUGATED METAL PIPE	GL	GLASS, GLAZING	OPP	OPPOSITE	VR	VAPOR RETARDER
CMU	CONCRETE MASONRY UNIT	GPM	GALLONS PER MINUTE	P	PLATE	VT	VINYL TILE
CO	CLEAN OUT	GWB	GYP SUM WALLBOARD	PART	PARTIAL	VTR	VENT THRU ROOF
COL	COLUMN	GYP	GYP SUM	PC	PRE-CAST, PIECE	W	WEST, WIDE, WIDTH
COMP	COMPOSITE	H	HIGH	PED	PEDESTAL	W/	WITH
CONC	CONCRETE	H/C	HANDICAPPED	PL	PROPERTY LINE / PLASTIC LAMINATE	W/O	WITHOUT
CONST	CONSTRUCTION	HB	HOSE BIB	PLUMB	PLUMBING	WDW	WINDOW
CONT	CONTINUOUS	HC	HOLLOW CORE	PLYWD	PLYWOOD	WH	WATER HEATER
CPT	CARPET	HDWR	HARDWARE	PNL	PANEL	WP	WATERPROOFING
CRS	COURSE, COURSES	HGT	HEIGHT	PR	PAIR	WPT	WORKING POINT
CSMT	CASEMENT	HM	HOLLOW METAL	PREFAB	PREFABRICATE, PREFABRICATED	WT	WEIGHT
CSWK	CASEWORK	HORIZ	HORIZONTAL	PSF	POUNDS PER SQUARE FOOT	WWF	WELDED WIRE FABRIC
CU FT	CUBIC FEET	HP	HIGH POINT	PT	PAINT	WWW	WELDED WIRE MESH
CU YD	CUBIC YARD	HR	HOUR				
CUH	CABINET UNIT HEATER	HTG	HEATING				
CW	COLD WATER	HVAC	HEATING, VENTILATION AND AIR CONDITIONING				
		HW	HOT WATER				
DBL	DOUBLE						
DEMO	DEMOLITION						
DET/DTL	DETAIL						

GENERAL NOTES - PHASE 2	
1	THE SCOPE OF THIS PROJECT IS FOR THE COMPLETE DEMOLITION OF THE EXISTING VIRGINIA HOSPITAL CENTER STRUCTURE, INCLUDING ALL ABOVE AND BELOW GRADE CONSTRUCTION AND STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL SYSTEMS AND SITE WORK.
2	THE EXISTING CONDITIONS INFORMATION INDICATED IN THE CONTRACT DOCUMENTS IS BASED ON EXISTING DOCUMENTATION AND FIELD OBSERVATIONS, BUT IS NOT A WARRANTY OF EXISTING CONDITIONS AT THE TIME OF CONSTRUCTION.
3	THE CONTRACTOR SHALL INVESTIGATE AND VERIFY ALL EXISTING CONDITIONS AND TAKE FIELD MEASUREMENTS AND SHALL CAREFULLY COMPARE SUCH FIELD MEASUREMENTS, CONDITIONS, AND OTHER INFORMATION KNOWN TO THE CONTRACTOR WITH THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THE WORK. IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES.
4	ALL REMOVALS AND SALVAGE, UNLESS SPECIFICALLY NOTED OR REQUESTED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
5	REFER TO THE PROJECT SPECIFICATIONS SECTION 024116 "STRUCTURE DEMOLITION" FOR ADDITIONAL REQUIREMENTS.

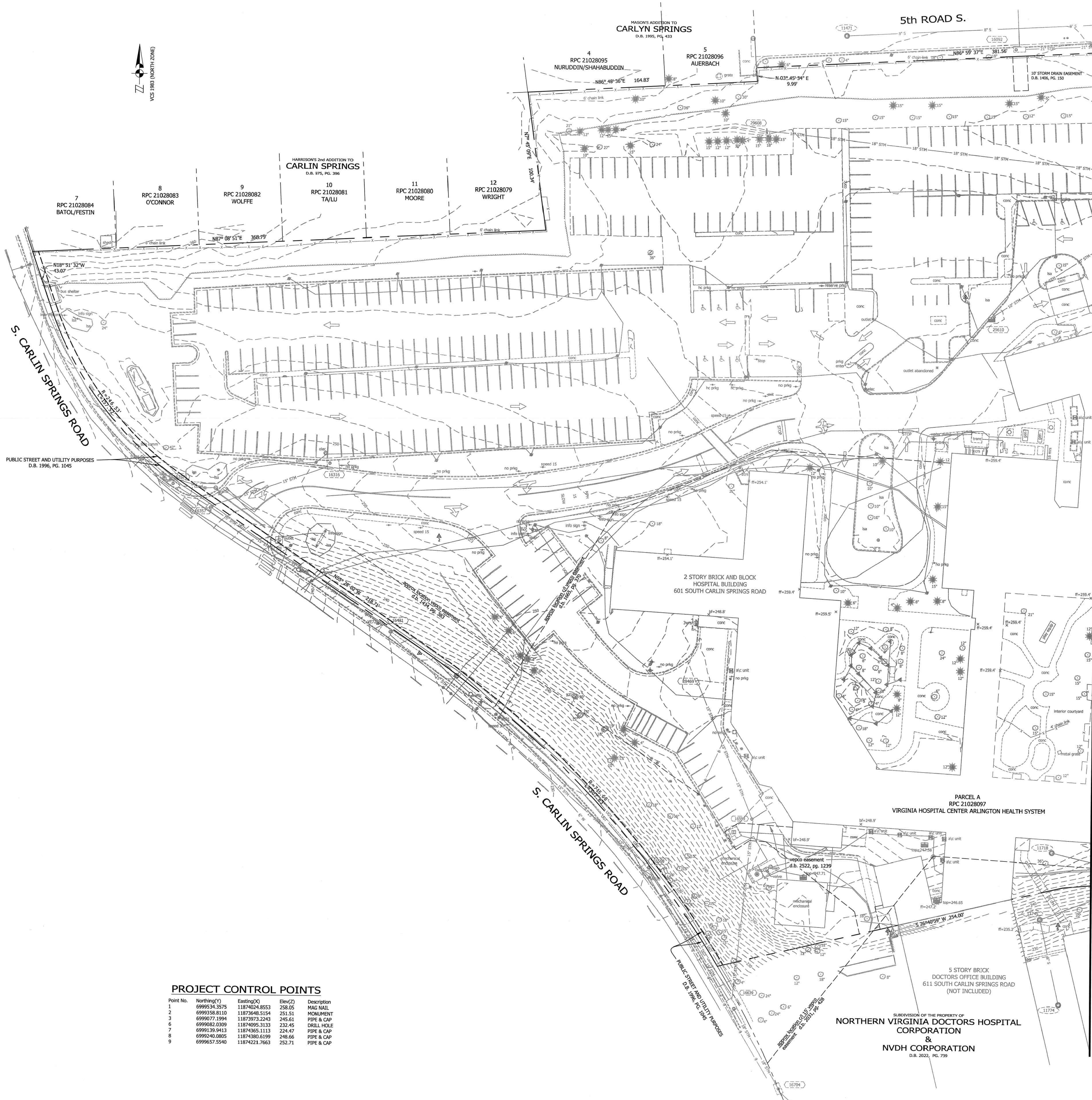
DATE	06.22.2022	PROJECT	13356.28	KDL		DES	
DESIGNED		DRAWN		DWH		BY	
CHECKED				KDL		REVISIONS	

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DESIGNED		DRAWN		DWH		BY	
CHECKED				KDL		REVISIONS	



PROJECT VIRGINIA HOSPITAL CENTER DEMOLITION - PHASE 2
 ARLINGTON, VA
 601 S CARLIN SPRINGS ROAD, ARLINGTON, VA 22204.
 DRAWING GENERAL INFORMATION

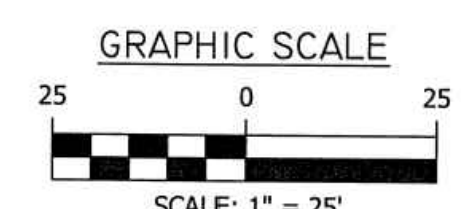
SHEET
 2-G-101




MATCHLINE SHEET 2 OF 2

PROJECT CONTROL POINTS

Point No.	Northing(Y)	Eastng(X)	Elev(Z)	Description
1	6999534.3575	11874024.8553	258.05	HAZ NAIL
2	6999358.8110	11873648.5154	251.51	MONUMENT
3	6999077.1994	11873973.2243	245.61	PIPE & CAP
4	6999082.0309	11874005.1133	232.45	DRILL HOLE
5	6999139.9413	11874365.1113	224.47	PIPE & CAP
6	6999240.0825	11874380.0199	240.66	PIPE & CAP
7	6999240.0825	11874380.0199	240.66	PIPE & CAP
8	6999240.0825	11874380.0199	240.66	PIPE & CAP
9	6999627.5540	11874221.7663	252.71	PIPE & CAP



2-C-101
SHEET 1 OF 2



ARLINGTON
VIRGINIA

DEPARTMENT OF
ENVIRONMENTAL SERVICES
Engineering Bureau - Survey Section
2100 Clarendon Boulevard, Suite 813
Arlington, VA 22201

THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF STEVEN J. LEARNARD, L.S. FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE IMAGES AND/OR ORIGINAL DATA WAS OBTAINED FROM 9/2019 TO 10/2019; AND THAT THIS PLAN, MAP OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS, UNLESS OTHERWISE NOTED.

COMMONWEALTH OF VIRGINIA
12-5-2019
STEVEN J. LEARNARD
Lic. No. 2880
LAND SURVEYOR

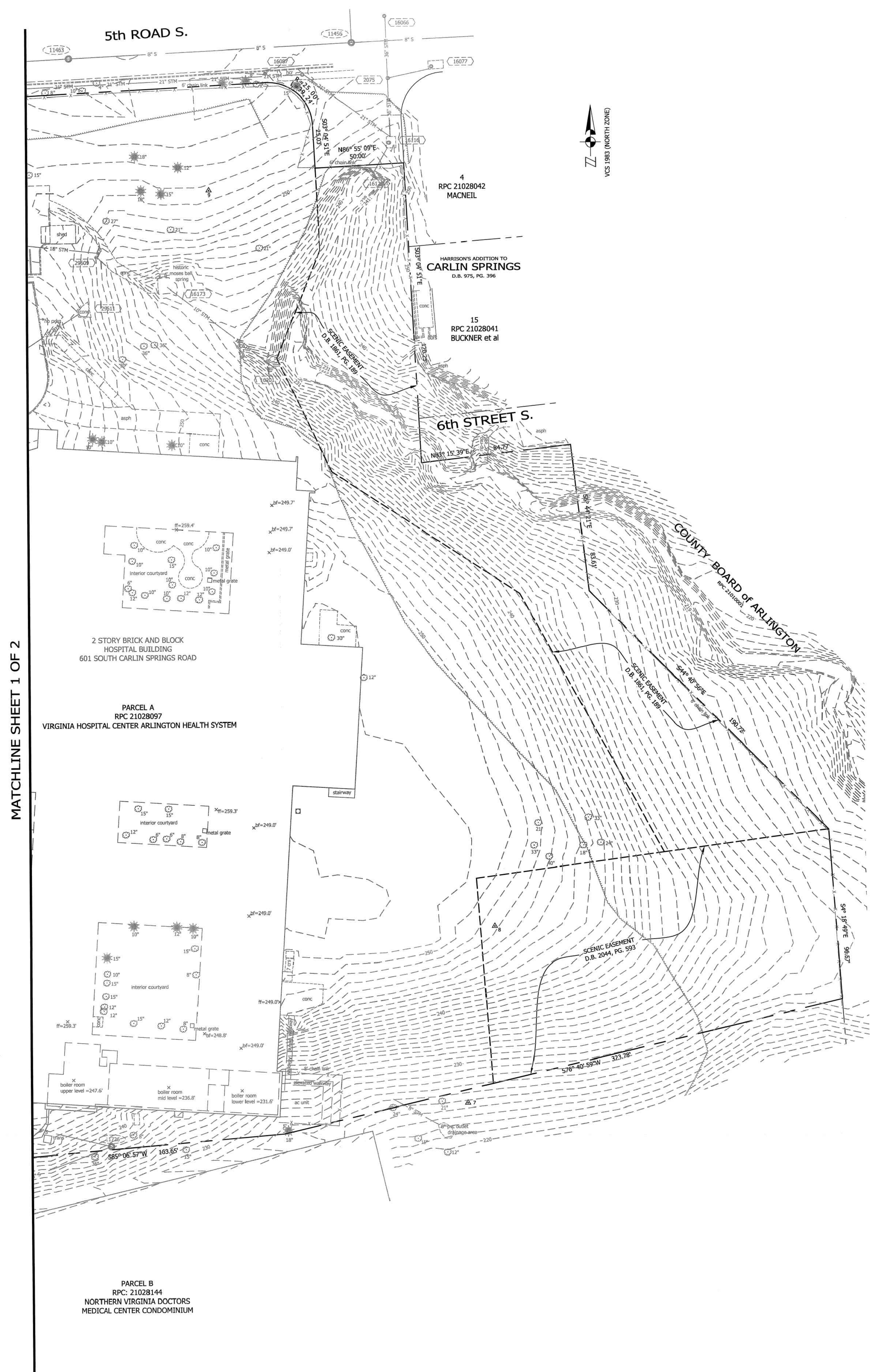
HORIZONTAL DATUM: VIRGINIA COORDINATE SYSTEM 1983.
VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988.
CONTOUR INTERVAL: 1'
UNIT OF MEASURE: U.S. SURVEY FOOT
SCALE: 1" = 25'
PREPARED FOR: ARLINGTON COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES
THE DIMENSIONS OF THE INTERIOR COURTYARDS AND BOILER ROOM ARE APPROXIMATE.
BOUNDARY INFORMATION SHOWN HEREON IS FROM AN EXISTING ALTA/NSPS LAND TITLE SURVEY PREPARED BY ARLINGTON COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES DATED APRIL 4, 2016.

PARTY CHIEF: SHRADER
SURVEY PM: LEARNARD

PROJECT:
7027/CS20

TOPOGRAPHIC SURVEY
OF
PARCEL 'A'
SUBDIVISION OF THE PROPERTIES OF
NORTHERN VIRGINIA DOCTORS HOSPITAL
AND
NVDH CORPORATION
D.B. 2022, PG. 739
ARLINGTON COUNTY, VIRGINIA

MATCHLINE SHEET 1 OF 2



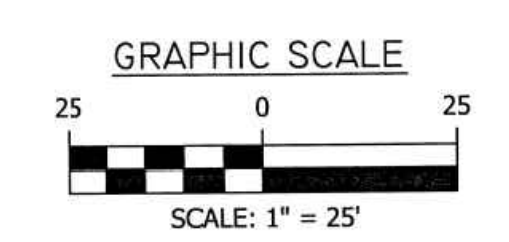
SANITARY TABLE

#11456	TOP = 253.15
	INV = 248.54
#11463	TOP = 255.81
	INV = 249.42
#11471	TOP = 255.26
	INV = 250.57
#11718	TOP = 248.34
	INV = 241.00
#11726	TOP = 237.73
	INV = 229.43
#11745	TOP = 234.64
	INV = 227.49
#11774	TOP = 212.76
	INV = 204.36


STORM TABLE

**REFERENCES INFORMATION FROM EXISTING PLANS

#2075	TOP = 252.54	#16431	TOP = 235.91
	15" RCP IN = 248.12** (16077)		15" RCP IN = 232.63** (16357)
	24" RCP IN = 245.09** (16066)		15" RCP OUT = 232.09 (16560)
	24" RCP OUT = 244.99* (16116)	#16560	TOP = 228.76
#16066	TOP = 252.98		15" RCP IN = 222.96 (16431)
	24" RCP OUT = 245.88 (2075)		15" RCP OUT = 222.86 (16560)
#16077	TOP = 252.17	#16599	TOP = 248.06
	15" RCP OUT = 247.34 (2075)		10" CMP IN = 244.91 (ROOF DRAIN)
#16087	TOP = 254.16		15" RCP IN = 241.18 (28469)
	21" RCP IN = 246.73 (16092)		15" RCP OUT = 241.16 (16639)
	21" RCP OUT = 246.66 (16116)	#16639	TOP = 222.71
#16092	TOP = 254.79		15" RCP IN = 216.64** (16560)
	21" RCP IN = 247.14 (16073)		15" RCP IN = 218.03** (16599)
	21" RCP OUT = 247.04 (16087)		18" RCP OUT = 216.11 (16704)
#16116	TOP = 249.91	#16704	TOP = 218.37
	21" RCP IN = 243.68** (16087)		18" RCP IN = 211.60 (16639)
	24" RCP IN = 242.96** (2075)		18" RCP OUT = 211.03 (16744)
	36" RCP OUT = 241.55** (16128)	#16744	TOP = 211.40
#16128	INV. 36" RCP = 239.44 (16116)		18" RCP OUT = 205.25 (16704)
#16173	TOP = 245.41	#28469	TOP = 245.41
	INV. 10" CMP = 238.30 (16201)		15" RCP OUT = 243.26 (16599)
#16201	TOP = 232.04 (16173)	#29608	TOP = 252.36 (29609)
#16316	TOP = 249.53		INV. 18" CMP = 248.93 (29608)
	8" PVC IN = 245.03 (EAST)	#29609	TOP = 257.71
	15" RCP OUT = 244.98 (16357)		10" PVC OUT = 254.84 (29611)
#16337	TOP = 249.12	#29611	TOP = 257.71
	15" RCP OUT = 246.07 (16357)		INV. 10" PVC = 252.49 (29610)
#16357	TOP = 247.66		
	15" RCP IN = 243.84 (16337)		
	15" RCP IN = 244.16 (16316)		
	15" RCP OUT = 243.31 (16431)		




2-C-102
SHEET 2 OF 2



DEPARTMENT OF ENVIRONMENTAL SERVICES
Engineering Bureau - Survey Section
2100 Clarendon Boulevard, Suite 813
Arlington, VA 22201

THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF STEVEN J. LEARNARD, L.S. FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION. THAT THE IMAGERY AND/OR ORIGINAL DATA WAS OBTAINED FROM 9/2019 TO 10/2019; AND THAT THIS PLAN, MAP OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.



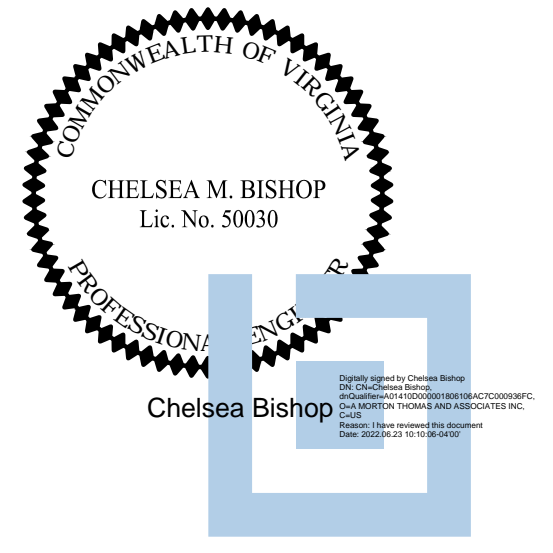
HORIZONTAL DATUM:	VIRGINIA COORDINATE SYSTEM 1983.
VERTICAL DATUM:	NORTH AMERICAN VERTICAL DATUM 1988.
CONTOUR INTERVAL:	1'
UNIT OF MEASURE:	U.S. SURVEY FOOT
SCALE:	1" = 25'
PREPARED FOR:	ARLINGTON COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES
THE DIMENSIONS OF THE INTERIOR COURTYARDS AND BOILER ROOM ARE APPROXIMATE.	
BOUNDARY INFORMATION SHOWN HEREON IS FROM AN EXISTING ALTA/NSPS LAND TITLE SURVEY PREPARED BY ARLINGTON COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES DATED APRIL 4, 2016.	

PARTY CHIEF: SHRADER	PROJECT:
SURVEY PM: LEARNARD	7027/CS20

TOPOGRAPHIC SURVEY
OF
PARCEL 'A'
SUBDIVISION OF THE PROPERTIES OF
NORTHERN VIRGINIA DOCTORS HOSPITAL
AND
NVDH CORPORATION
D.B. 2022, PG. 739
ARLINGTON COUNTY, VIRGINIA

SANITARY TABLE			
#11456 TOP = 253.15 INV = 248.54	#10168 TOP = 248.34 INV = 241.00	#13000 TOP = 212.76 INV = 204.36	#10167 TOP = 251.00 INV = 246.00
#11463 TOP = 255.81 INV = 249.42	#10166 TOP = 237.73 INV = 229.43	#10166 TOP = 254.00 INV = 244.25	#14919 TOP = N/A INV = 261.90
#11471 TOP = 255.26 INV = 250.57	#12999 TOP = 234.64 INV = 227.49	#14918 TOP = 257.30 INV = 244.87	

CONSULTANTS



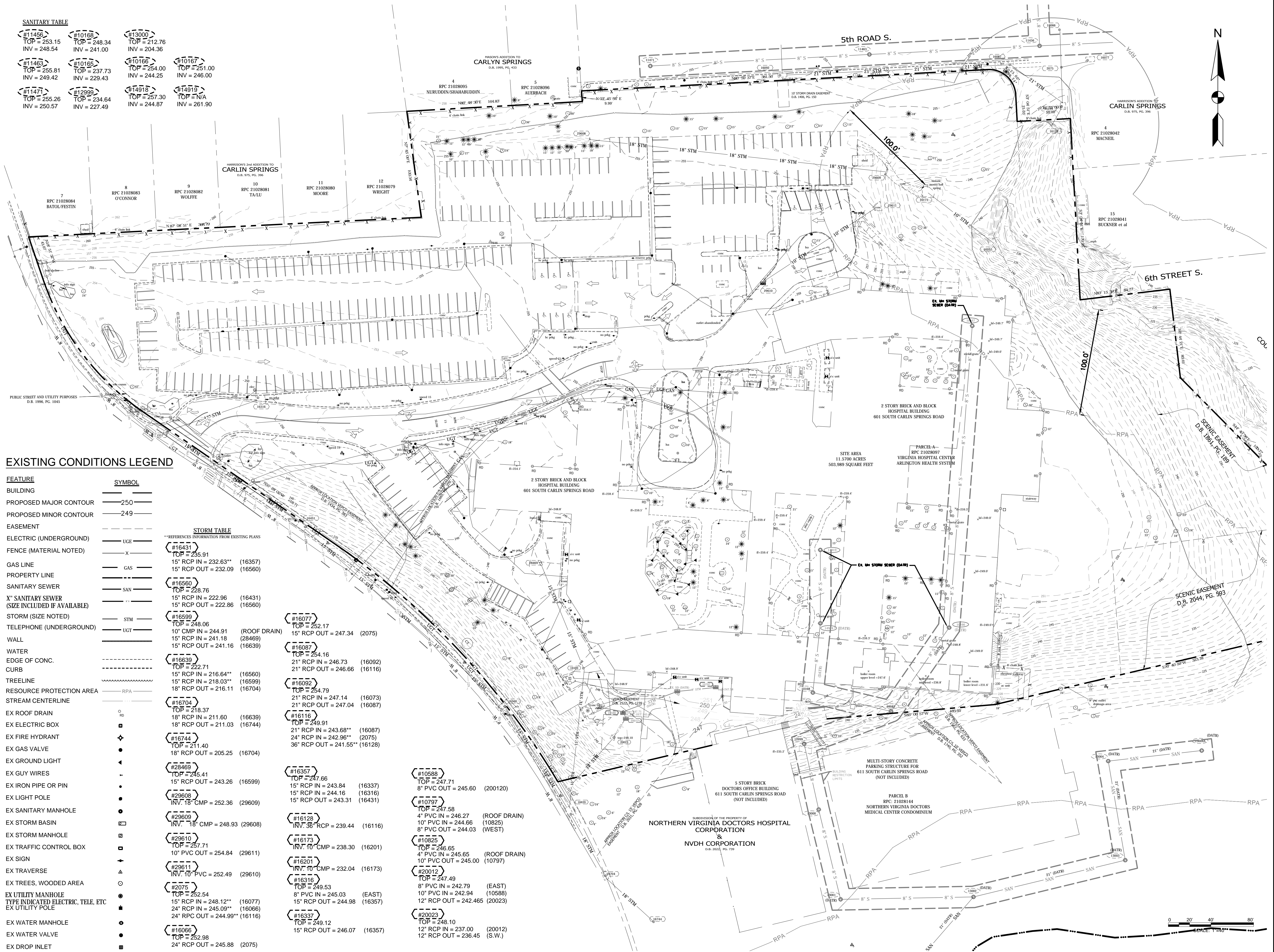
DECONSTRUCTION OF VIRGINIA HOSPITAL CENTER COMPLEX - PHASE 2
601 SOUTH CARLIN SPRINGS ROAD
ARLINGTON, VA 22204

EXISTING CONDITIONS LEGEND

FEATURE	SYMBOL
BUILDING	[Solid black shape]
PROPOSED MAJOR CONTOUR	—250—
PROPOSED MINOR CONTOUR	—249—
EASEMENT	--- ---
ELECTRIC (UNDERGROUND)	— UGE —
FENCE (MATERIAL NOTED)	— X —
GAS LINE	— GAS —
PROPERTY LINE	— --- —
SANITARY SEWER	— SAN —
X" SANITARY SEWER (SIZE INCLUDED IF AVAILABLE)	— X" —
STORM (SIZE NOTED)	— STM —
TELEPHONE (UNDERGROUND)	— UGT —
WALL	— --- —
WATER	— --- —
EDGE OF CONC.	— --- —
CURB	— --- —
TREELINE	— --- —
RESOURCE PROTECTION AREA	— RPA —
STREAM CENTERLINE	— --- —
EX ROOF DRAIN	○
EX ELECTRIC BOX	■
EX FIRE HYDRANT	◆
EX GAS VALVE	●
EX GROUND LIGHT	▲
EX GUY WIRES	—
EX IRON PIPE OR PIN	•
EX LIGHT POLE	●
EX SANITARY MANHOLE	○
EX STORM BASIN	□
EX STORM MANHOLE	□
EX TRAFFIC CONTROL BOX	□
EX SIGN	▲
EX TRAVERSE	△
EX TREES, WOODED AREA	○
EX UTILITY MANHOLE	●
TYPE INDICATED ELECTRIC, TELE, ETC	●
EX UTILITY POLE	▲
EX WATER MANHOLE	○
EX WATER VALVE	●
EX DROP INLET	■

STORM TABLE	
#16431 TOP = 235.91 15" RCP IN = 232.63** (16357) 15" RCP OUT = 232.09 (16560)	#16077 TOP = 252.17 15" RCP OUT = 247.34 (2075)
#16599 TOP = 248.06 10" CMP IN = 244.91 (ROOF DRAIN) (28469) 15" RCP IN = 241.18 (28469) 15" RCP OUT = 241.16 (16639)	#16087 TOP = 254.16 21" RCP IN = 246.73 (16092) 21" RCP OUT = 246.66 (16116)
#16639 TOP = 222.71 15" RCP IN = 216.64** (16560) 15" RCP IN = 218.03** (16599) 18" RCP OUT = 216.11 (16704)	#16092 TOP = 254.79 21" RCP IN = 247.14 (16073) 21" RCP OUT = 247.04 (16087)
#16704 TOP = 218.37 18" RCP IN = 211.60 (16639) 18" RCP OUT = 211.03 (16744)	#16116 TOP = 249.91 21" RCP IN = 243.68** (16087) 24" RCP IN = 242.96** (2075) 36" RCP OUT = 241.55** (16128)
#28469 TOP = 245.41 15" RCP OUT = 243.26 (16599)	#16357 TOP = 247.66 15" RCP IN = 243.84 (16337) 15" RCP IN = 244.16 (16316) 15" RCP OUT = 243.31 (16431)
#29608 INV. 18" CMP = 252.36 (29609)	#16128 INV. 36" RCP = 239.44 (16116)
#29609 INV. 18" CMP = 248.93 (29608)	#16173 INV. 10" CMP = 238.30 (16201)
#29610 TOP = 257.71 10" PVC OUT = 254.84 (29611)	#16201 INV. 10" CMP = 232.04 (16173)
#29611 INV. 10" PVC = 252.49 (29610)	#16316 TOP = 249.53 8" PVC IN = 245.03 (EAST) (16357) 15" RCP OUT = 244.98 (16357)
#2075 TOP = 252.54 15" RCP IN = 248.12** (16077) 24" RCP IN = 245.09** (16066) 24" RCP OUT = 244.99** (16116)	#16337 TOP = 249.12 15" RCP OUT = 246.07 (16357)
#16066 TOP = 252.98 24" RCP OUT = 245.88 (2075)	

#10588 TOP = 247.71 8" PVC OUT = 245.60 (200120)	#10797 TOP = 247.58 4" PVC IN = 246.27 (ROOF DRAIN) (10825) 10" PVC IN = 244.66 (10825) 8" PVC OUT = 244.03 (WEST)
#10825 TOP = 246.65 4" PVC IN = 245.65 (ROOF DRAIN) (10797) 10" PVC OUT = 245.00 (10797)	#20012 TOP = 247.49 8" PVC IN = 242.79 (EAST) (10588) 10" PVC IN = 242.94 (10588) 12" RCP OUT = 242.465 (20023)
#20023 TOP = 248.10 12" RCP IN = 237.00 (20012) 12" RCP OUT = 236.45 (S.W.)	



MARK	DATE	DESCRIPTION
	6/22/2022	BID SET

PROJECT NO: 19-0679.001
SCALE: 1"=40'
DESIGNED BY: CMB
DRAWN BY: JES
CHECKED BY: JKS
SHEET TITLE

EXISTING CONDITIONS PLAN

Tree Condition Summary

Tree #	Scientific Name	Common Name	D.B.H (inches)	Critical Root Zone (Sq. Ft.)	AMT Tree Condition Rating	Comments	CRZ Impact
	(see note 1)					(see note 2)	
T1	<i>Ilex cornuta</i> 'Burfordii'	Burford holly	10.0	707	88	Multi-trunk (4, 2, 2, 6, 4, 2, 2), growing on slope	100%
T2	<i>Ilex x attenuata</i> 'Fosteri'	Foster's holly	8.0	452	88	Multi-trunk (5, 3, 3, 4), growing on slope	100%
T3	<i>Ilex cornuta</i> 'Burfordii'	Burford holly	4.0	113	73	Multi-trunk (2, 2.5, 3), broken limbs	100%
T4	<i>Pyracantha coccinea</i>	Firethorn	6.0	254	84	Multi-trunk (1, 1, 3, 3, 2.5, 3), growing on slope	100%
T5	<i>Pyracantha coccinea</i>	Firethorn	10.0	707	84	Multi-trunk (7, 3, 5, 3, 3)	100%
T6	<i>Chamaecyparis pisifera</i>	False cypress	5.0	177	78	Multi-trunk (3, 3, 3)	100%
T7	<i>Chamaecyparis pisifera</i>	False cypress	10.0	707	78	Multi-trunk (5, 4, 4, 7)	100%
T8	<i>Cupressus x leylandii</i>	Leyland cypress	14.0	1385	78		100%
T9	<i>Cupressus x leylandii</i>	Leyland cypress	9.0	573	78		100%
T10	<i>Ilex cornuta</i> 'Burfordii'	Burford holly	10.5	779	59	wounds on trunk	100%
T11	<i>Chamaecyparis pisifera</i>	False cypress	11.0	855	78	Multi-trunk (5, 7, 4, 3, 4)	100%
T12	<i>Chamaecyparis pisifera</i>	False cypress	7.0	346	78	Multi-trunk (5, 5)	100%
T13	<i>Chamaecyparis pisifera</i>	False cypress	10.0	707	78	Multi-trunk (3, 8, 4, 3)	100%
T14	<i>Chamaecyparis pisifera</i>	False cypress	11.0	855	78	Multi-trunk (5, 7, 5, 4, 3)	100%
T15	<i>Chamaecyparis pisifera</i>	False cypress	11.0	855	78	Multi-trunk (6, 8, 5)	100%
T16	<i>Cupressus x leylandii</i>	Leyland cypress	12.0	1018	80	broken limbs	100%
T17	<i>Prunus yedoensis</i>	Yoshino cherry	24.0	4072	67	compacted root zone	100%
T18	<i>Juniperus virginiana</i>	Eastern red cedar	12.0	1018	78		100%
T19	<i>Juniperus virginiana</i>	Eastern red cedar	12.0	1018	73	leaning	100%
T20	<i>Juniperus virginiana</i>	Eastern red cedar	16.0	1810	73	Multi-trunk (12, 10), leaning	100%
T21	<i>Juniperus virginiana</i>	Eastern red cedar	13.0	1195	73	leaning	100%
T22	<i>Lagerstroemia indica</i>	Crape myrtle	11.0	855	94	Multi-trunk (4, 4, 5, 6, 6)	100%
T23	<i>Fraxinus pennsylvanica</i>	Green ash	14.0	1385	83	broken limbs	100%
T24	<i>Cupressus x leylandii</i>	Leyland cypress	11.0	855	78		100%
T25	<i>Juniperus virginiana</i>	Eastern red cedar	12.0	1018	78		100%
T26	<i>Pyracantha coccinea</i>	Firethorn	14.0	1385	81	Multi-trunk (3, 3, 4, 1, 5, 6, 1, 3, 1, 7, 1, 6, 1)	100%
T27	<i>Pyracantha coccinea</i>	Firethorn	13.0	1195	81	Multi-trunk (2, 4, 2, 1, 1, 7, 5, 4, 4, 3, 1, 4)	100%
T28	<i>Ilex opaca</i>	American holly	11.0	855	77	Multi-trunk (7, 9), wound in trunk	100%
T29	<i>Cupressus x leylandii</i>	Leyland cypress	8.0	452	69	Multi-trunk (2, 2, 7), broken limbs	100%
T30	<i>Cupressus x leylandii</i>	Leyland cypress	10.0	707	72	cut limbs	100%
T31	<i>Cupressus x leylandii</i>	Leyland cypress	8.0	452	69	multi-trunk (1, 8), broken limbs	100%
T32	<i>Cupressus x leylandii</i>	Leyland cypress	12.0	1018	69	multi-trunk (5, 7, 7, 5), cut limbs	100%
T33	<i>Pyrus calleryana</i> 'Bradford'	Bradford pear	14.0	1385	89		100%
T34	<i>Lagerstroemia indica</i>	Crape myrtle	9.0	573	84	multi-trunk (4, 5, 6, 3)	100%
T35	<i>Lagerstroemia indica</i>	Crape myrtle	5.0	177	81	multi-trunk (3, 4)	100%
T36	<i>Prunus yedoensis</i>	Yoshino cherry	4.0	113	89		100%
T37	<i>Lagerstroemia indica</i>	Crape myrtle	7.0	346	84	multi-trunk (2, 2, 3, 4, 4)	100%
T38	<i>Lagerstroemia indica</i>	Crape myrtle	6.0	254	84	multi-trunk (4, 4)	100%
T39	<i>Lagerstroemia indica</i>	Crape myrtle	4.0	113	84	multi-trunk (1, 1, 2, 3)	100%
T40	<i>Pyrus calleryana</i> 'Bradford'	Bradford pear	10.0	707	84	broken limbs	100%
T41	<i>Pyrus calleryana</i> 'Bradford'	Bradford pear	9.0	573	84		100%
T42	<i>Pyrus calleryana</i> 'Bradford'	Bradford pear	8.5	511	84		100%
T43	<i>Pyrus calleryana</i> 'Bradford'	Bradford pear	11.0	855	84		100%
T44	<i>Lagerstroemia indica</i>	Crape myrtle	6.0	254	83	multi-trunk (3, 3, 4)	100%
T45	<i>Lagerstroemia indica</i>	Crape myrtle	8.0	452	83	multi-trunk (5, 5, 4)	100%
T46	<i>Acer saccharinum</i>	Silver maple	14.5	1486	81		100%
T47	<i>Acer saccharinum</i>	Silver maple	16.0	1810	81		100%
T48	<i>Acer saccharinum</i>	Silver maple	13.0	1195	81		100%
T49	<i>Acer saccharinum</i>	Silver maple	14.0	1385	81		100%
T50	<i>Acer saccharinum</i>	Silver maple	13.5	1288	81		100%
T51	<i>Acer saccharinum</i>	Silver maple	14.0	1385	81		100%
T52	<i>Acer saccharinum</i>	Silver maple	16.5	1924	81		100%
T53	<i>Acer saccharum</i>	Silver maple	17.0	2043	81		100%
T54	<i>Juniperus virginiana</i>	Eastern red cedar	16.0	1810	78	ivy on trunk, broken limbs	0%
T55	<i>Pinus virginiana</i>	Virginia pine	18.0	2290	77	browning needles, broken limbs, ivy on trunk	0%
T56	<i>Pinus virginiana</i>	Virginia pine	15.0	1590	73	no needles, ivy on trunk, broken limbs	0%
T57	<i>Pinus virginiana</i>	Virginia pine	4.0	113	75	ivy on trunk, broken limbs, browning needles	0%
T58	<i>Juniperus virginiana</i>	Eastern red cedar	24.0	4072	78	multi-trunk (16, 18), ivy on trunk, broken limbs	0%
T59	<i>Pinus virginiana</i>	Virginia pine	9.0	573	70	no needles, ivy on trunk, wound on trunk	0%
T60	<i>Pinus virginiana</i>	Virginia pine	9.0	573	75	ivy on trunk, broken limbs, browning needles	0%
T61	<i>Pinus virginiana</i>	Virginia pine	17.0	2043	75	ivy on trunk, broken limbs, browning needles	0%
T62	<i>Pyrus calleryana</i> 'Bradford'	Bradford pear	24.0	4072	84	multi-trunk (12, 11, 18), broken limbs	0%
T63	<i>Pinus virginiana</i>	Virginia pine	14.0	1385	83	broken limbs	0%
T64	<i>Pyrus calleryana</i> 'Bradford'	Bradford pear	24.0	4072	78	wound in trunk, broken limbs	0%
T65	<i>Pinus virginiana</i>	Virginia pine	10.0	707	80	broken limbs	0%
T66	<i>Pinus virginiana</i>	Virginia pine	14.0	1385	80	broken limbs, ivy on trunk	0%
T67	Quercus rubra	Red oak	30.0	6362	88		0%
T68	<i>Acer saccharinum</i>	Silver maple	22.0	3421	84	compacted root zone	0%
T69	Quercus rubra	Red oak	38.0	10207	80	compacted root zone, broken limbs	0%
T70	<i>Acer rubrum</i>	Red maple	10.0	707	81		100%
T71	<i>Acer rubrum</i>	Red maple	16.0	1810	77	compacted root zone	100%
T72	<i>Acer rubrum</i>	Red maple	19.0	2552	80		95%
T73	<i>Ilex cornuta</i> 'Burfordii'	Burford holly	9.0	573	86	multi-trunk (7, 5), ivy at base	100%
T74	<i>Ilex x 'Nellie R. Stevens'</i>	Nellie Stevens holly	10.0	707	100		100%
T75	<i>Ilex x 'Nellie R. Stevens'</i>	Nellie Stevens holly	10.0	707	100		100%
T76	<i>Ilex x 'Nellie R. Stevens'</i>	Nellie Stevens holly	10.0	707	100		100%
T77	<i>Ilex x 'Nellie R. Stevens'</i>	Nellie Stevens holly	10.0	707	100		100%
T78	<i>Juniperus virginiana</i>	Eastern red cedar	10.0	707	100		100%
T79	<i>Prunus serrulata</i>	Flowering cherry	11.0	855	91	ivy at base	100%
T80	<i>Ilex crenata</i>	Japanese holly	6.0	254	83	cut limbs, ivy at base	100%
T81	<i>Ilex crenata</i>	Japanese holly	5.0	177	83	cut limbs, ivy at base	100%
T82	<i>Prunus serrulata</i>	Flowering cherry	7.0	346	86	ivy at base, wound in trunk	100%
T83	<i>Pyrus calleryana</i> 'Bradford'	Bradford pear	8.0	452	89	ivy at base	100%
T84	<i>Juniperus virginiana</i>	Eastern red cedar	10.0	707	80	ivy on trunk	100%
T85	<i>Juniperus virginiana</i>	Eastern red cedar	10.0	707	80	ivy on trunk	100%
T86	<i>Ilex crenata</i>	Japanese holly	10.0	707	86	multi-trunk (4, 7, 6)	100%
T87	<i>Quercus palustris</i>	Pin oak	14.0	1385	88		100%
T88	<i>Cercis canadensis</i>	Redbud	8.0	452	88	multi-trunk (4, 4, 5)	100%
T89	<i>Betula nigra</i>	River birch	7.0	346	88	multi-trunk (6, 3)	100%

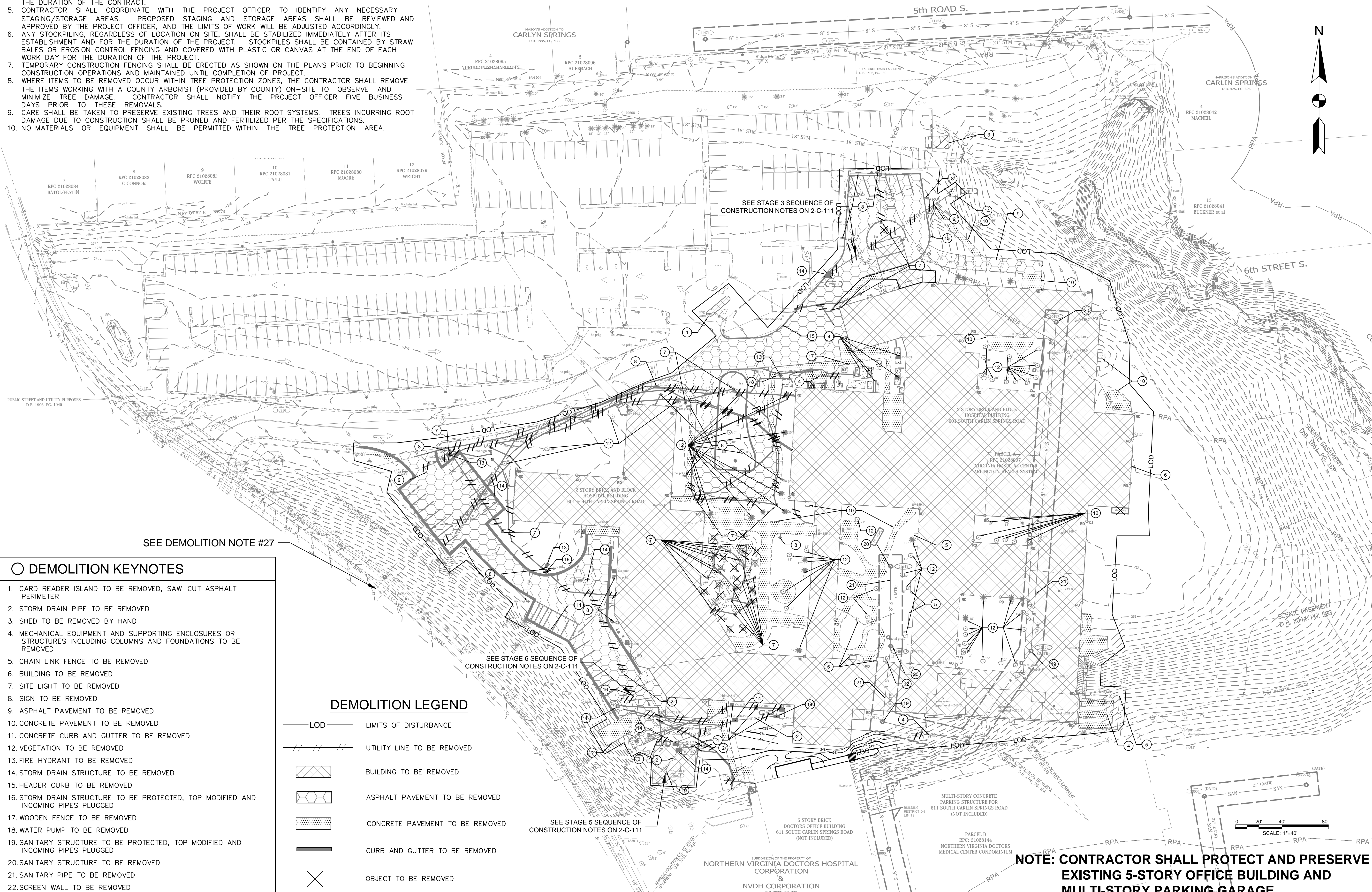
T90	<i>Cercis canadensis</i>	Redbud	7.0	346	88	multi-trunk (6, 4)	100%
T91	<i>Betula nigra</i>	River birch	6.0	254	88	multi-trunk (4, 5)	100%
T92	<i>Betula nigra</i>	River birch	12.0	1018	92	multi-trunk (11, 5)	100%
T93	<i>Pyrus calleryana</i> 'Bradford'	Bradford pear	10.0	707	88	wound in trunk	100%
T94	<i>Pyrus calleryana</i> 'Bradford'	Bradford pear	10.0	707	89		100%
T95	<i>Cornus florida</i>	Flowering dogwood	5.0	177	88	multi-trunk (3, 3, 5)	100%
T96	<i>Pyrus calleryana</i> 'Bradford'	Bradford pear	5.0	177	86		100%
T97	<i>Cercis canadensis</i>	Redbud	17.0	2043	88	multi-trunk (8, 8, 7, 11)	100%
T98	<i>Robinia pseudoacacia</i>	Black locust	11.0	855	86	epicormic growth	100%
T99	<i>Robinia pseudoacacia</i>	Black locust	12.0	1018	88		100%
T100	<i>Robinia pseudoacacia</i>	Black locust	12.0	1018	88		100%
T101	<i>Cornus kousa</i>	Kousa dogwood	7.0	346	88	multi-trunk (2.5, 3.5, 6)	100%
T102	<i>Acer rubrum</i>	Red maple	4.0	113	88		100%
T103	<i>Cercis canadensis</i>	Redbud	3.0	64	88		100%
T104	<i>Quercus palustris</i>	Pin oak	7.0	346	88		100%
T105	<i>Acer rubrum</i>	Red maple	7.0	346	86	wound in trunk	100%
T106	<i>Acer rubrum</i>	Red maple	7.0	346	86	wound in trunk	100%
T107	<i>Pyrus calleryana</i> 'Bradford'	Bradford pear	7.0	346	88		100%
T108	<i>Lagerstroemia indica</i>	Crape myrtle	23.0	3739	100	multi-trunk (3, 5, 7, 7, 5, 7, 7, 10, 7, 6, 6)	100%
T109	<i>Juniperus virginiana</i>	Eastern red cedar	9.0	573	78	multi-trunk (2, 4, 6, 5)	100%
T110	<i>Juniperus virginiana</i>	Eastern red cedar	7.0	346	78	multi-trunk (5, 5), broken limbs	100%
T111	<i>Juniperus virginiana</i>	Eastern red cedar	11.0	855	78	multi-trunk (3, 5, 7, 7), broken limbs	100%
T112	<i>Ilex crenata</i>	Japanese holly	5.0	177	80	cut limbs	100%
T113	<i>Robinia pseudoacacia</i>	Black locust	11.0	855	83		100%
T114	<i>Juniperus virginiana</i>	Eastern red cedar	11.0	855	80		100%
T115	Prunus serotina	Black cherry	31.0	6793	88	growing on slope	42%
T116	<i>Prunus serotina</i>	Black cherry	14.0	1385	78	broken limbs, growing on slope	0%
T117	<i>Prunus serotina</i>	Black cherry	16.0	1810	78	multi-trunk (10, 12), leaning, broken limbs, growing on slope	31%
T118	<i>Ilex opaca</i>	American holly	13.0	1195	84	growing on slope	0%
T119	<i>Liriodendron tulipifera</i>	Tulip poplar	28.0	5542	88	growing on slope	29%
T120	Liriodendron tulipifera	Tulip poplar	43.0	13070	88	growing on slope	27%
T121	<i>Prunus serotina</i>	Black cherry	18.0	2290	83	growing on slope	0%
T122	<i>Ilex opaca</i>	American holly	15.0	1590	88	growing on slope	15%
T123	<i>Prunus serotina</i>	Black cherry	20.0	2827	88		0%
T124	<i>Prunus serotina</i>	Black cherry	18.0	2290	45	pruned for power lines	0%
T125	<i>Prunus serotina</i>	Black cherry	10.0	707	44	multi-trunk (7, 7), pruned for power lines	0%
T126	<i>Prunus serotina</i>	Black cherry	7.0	346	44	pruned for power lines	0%
T127	<i>Prunus serotina</i>	Black cherry	6.0	254	44	pruned for power lines	0%
T128	<i>Carya tomentosa</i>	Mockernut hickory	8.0	452	88	growing on slope	0%
T129	<i>Carya tomentosa</i>	Mockernut hickory	21.0	3117	88	growing on slope	0%
T130	<i>Liriodendron tulipifera</i>	Tulip poplar	22.0	3421	88	growing on slope	0%
T131	<i>Liriodendron tulipifera</i>	Tulip poplar	19.5	2688	88	growing on slope	0%
T132	<i>Liriodendron tulipifera</i>	Tulip poplar	20.0	2827	88	growing on slope	0%
T133	<i>Prunus serotina</i>	Black cherry	8.0	452	44	pruned for power lines	0%
T134	<i>Prunus serotina</i>	Black cherry	8.0	452	44	pruned for power lines	0%
T135	<i>Prunus serotina</i>	Black cherry	20.0	2827	44	pruned for power lines	0%
T136	<i>Prunus serotina</i>	Black cherry	23.0	3739	50	multi-trunk (15, 18), leaning, covered in ivy, growing on slope	11%
T137	<i>Prunus serotina</i>	Black cherry	22.0	3421	50	leaning, covered in ivy, growing on slope	12%
T138	<i>Prunus serotina</i>	Black cherry	19.0	2552	50	leaning, covered in ivy, growing on slope	3%
T139	<i>Liriodendron tulipifera</i>	Tulip poplar	22.0	3421	50	covered in ivy	0%
T140	<i>Prunus serotina</i>	Black cherry	16.0	1810	50	covered in ivy	0%
T141	<i>Pinus virginiana</i>	Virginia pine	16.0	1810	59	covered in ivy	0%
T142	<i>Prunus yedoensis</i>	Yoshino cherry	25.0	4418	78	girdled roots, stripped bark	0%
T143	<i>Cornus florida</i>	Flowering dogwood	8.0	452	75	on slope	0%
T144	<i>Cornus kousa</i>	Kousa dogwood	29.0	5945	77	leaning, compacted root zone	0%
T145	<i>Cornus kousa</i>	Kousa dogwood	29.0	5945	75	covered in ivy	43%
T146	<i>Ailanthus altissima</i>	Tree of heaven	5.0	177	75	multi-trunk (3, 2, 4), leaning, ivy on trunk	98%
T147	<i>Cornus florida</i>	Flowering dogwood	10.0	707	77	multi-trunk (1, 6, 8), ivy on trunk	26%
T148	<i>Pinus virginiana</i>	Virginia pine	15.0	1590	88	broken limbs	56%
T149	<i>Morus alba</i>	Mulberry	5.0	177	88	ivy at base	75%
T150	<i>Quercus palustris</i>	Pin oak	24.0	4072	83	ivy on trunk, broken limbs	0%
T151	<i>Quercus palustris</i>	Pin oak	16.0	1810	83	broken limbs	0%
T152	Carya tomentosa	Mockernut hickory	36.0	9161	84	ivy on trunk, broken limbs	0%
T153	Quercus palustris	Pin oak	38.0	10207	80	broken limbs	0%
T1							

DEMOLITION NOTES

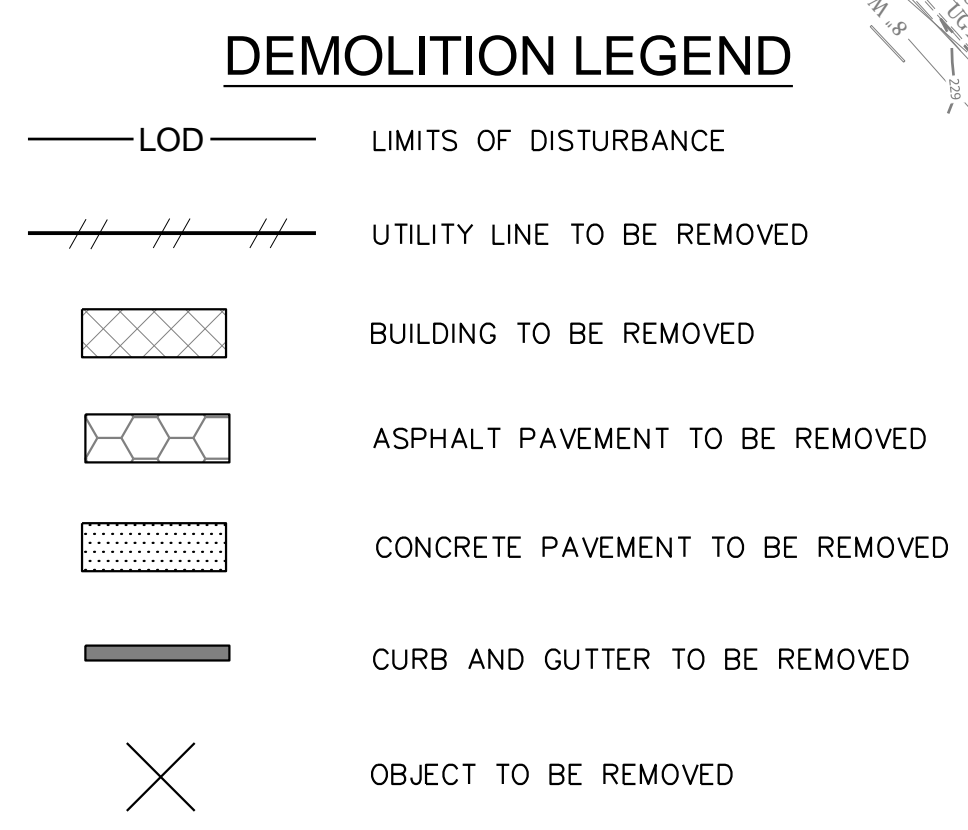
- LOCATION OF ALL UTILITIES SHOWN ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY AND DETERMINE THE EXACT LOCATION AND DEPTH OF ALL UTILITIES WITHIN THE LIMIT OF DISTURBANCE PRIOR TO COMMENCING WORK. REPORT ANY DISCREPANCY TO THE PROJECT OFFICER. THE CONTRACTOR SHALL CONTACT MISS UTILITY AT 811 A MINIMUM OF 72 HOURS PRIOR TO ANY EXCAVATION TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES.
- THE DEMOLITION PLAN IS A GENERAL GUIDE OF WHAT ITEMS NEED TO BE DEMOLISHED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY ALL ITEMS THAT REQUIRED DEMOLITION TO COMPLETE THE PROPOSED CONSTRUCTION.
- CONTRACTOR SHALL PROTECT AND PRESERVE ALL EXISTING SITE STRUCTURES AND FEATURES NOT SCHEDULED FOR DEMOLITION AND/ OR CONSTRUCTION FROM DAMAGE DUE TO DEMOLITION PROCEDURES. ANY RESULTING DAMAGE SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE PROJECT OFFICER.
- TREE PROTECTION AND CONSTRUCTION FENCE SHALL BE THE SAME WHEREVER THEY OVERLAP.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR SAFETY AND SECURITY AT THE PROJECT SITE FOR THE DURATION OF THE CONTRACT.
- CONTRACTOR SHALL COORDINATE WITH THE PROJECT OFFICER TO IDENTIFY ANY NECESSARY STAGING/STORAGE AREAS. PROPOSED STAGING AND STORAGE AREAS SHALL BE REVIEWED AND APPROVED BY THE PROJECT OFFICER, AND THE LIMITS OF WORK WILL BE ADJUSTED ACCORDINGLY. ANY STOCKPILING, REGARDLESS OF LOCATION ON SITE, SHALL BE STABILIZED IMMEDIATELY AFTER ITS ESTABLISHMENT AND FOR THE DURATION OF THE PROJECT. STOCKPILES SHALL BE CONTAINED BY STRAW BALES OR EROSION CONTROL FENCING AND COVERED WITH PLASTIC OR CANVAS AT THE END OF EACH WORK DAY FOR THE DURATION OF THE PROJECT.
- TEMPORARY CONSTRUCTION FENCING SHALL BE ERRECTED AS SHOWN ON THE PLANS PRIOR TO BEGINNING CONSTRUCTION OPERATIONS AND MAINTAINED UNTIL COMPLETION OF PROJECT.
- WHERE ITEMS TO BE REMOVED OCCUR WITHIN TREE PROTECTION ZONES, THE CONTRACTOR SHALL REMOVE THE ITEMS WORKING WITH A COUNTY ARBORIST (PROVIDED BY COUNTY) ON-SITE TO OBSERVE AND MINIMIZE TREE DAMAGE. CONTRACTOR SHALL NOTIFY THE PROJECT OFFICER FIVE BUSINESS DAYS PRIOR TO THESE REMOVALS.
- CARE SHALL BE TAKEN TO PRESERVE EXISTING TREES AND THEIR ROOT SYSTEMS. TREES INCURRING ROOT DAMAGE DUE TO CONSTRUCTION SHALL BE PRUNED AND FERTILIZED PER THE SPECIFICATIONS.
- NO MATERIALS OR EQUIPMENT SHALL BE PERMITTED WITHIN THE TREE PROTECTION AREA.

- UNAUTHORIZED TREE REMOVALS, TREE DEATH OR SEVERE DAMAGE DUE TO THE CONTRACTOR'S FAILURE TO EXERCISE PROPER CARE WHEN WORKING NEAR TREES, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- COUNTY ARBORIST INSPECTION IS REQUIRED PRIOR TO ANY SITE LAND DISTURBANCE ACTIVITY.
- CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 811 OR (800) 552-7001, 72 HOURS PRIOR TO START OF ANY EXCAVATION OR CONSTRUCTION FOR THE MARKING OF EXISTING UNDERGROUND UTILITIES.
- DEMOLITION STAGE EROSION AND SEDIMENT CONTROLS AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO DEMOLITION.
- REFER TO TREE PRESERVATION DETAILS AND EROSION AND SEDIMENT CONTROL DRAWINGS FOR TREE PROTECTION AND OTHER REQUIRED TREE CARE.
- ALL MATERIAL FROM DEMOLITION NOT IDENTIFIED FOR REUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH APPROPRIATE REGULATIONS.
- ALL PAVEMENT REMOVED SHALL BE DONE SUCH THAT REMAINING PAVEMENT IS LEFT WITH CLEAN STRAIGHT EDGE. CONCRETE PAVEMENT / CURBING SHALL BE REMOVED TO THE NEAREST JOINT.
- EXISTING PAVEMENT SHALL BE SAW CUT WHEN NEXT TO REMAINING PAVEMENT BEFORE REMOVAL. ALL SAW CUTS SHALL BE STRAIGHT, EVEN CUTS; JAGGED CUTS WILL NOT BE PERMITTED.
- CONCRETE REMOVAL: SHALL INCLUDE CONCRETE, STEEL REINFORCEMENT, AND GRAVEL BASE WHERE NO PROPOSED CONCRETE.

- ASPHALT REMOVAL FOR STABILIZED CONSTRUCTION ENTRANCE SHALL INCLUDE SURFACE AND BASE MATERIALS. SUBBASE MATERIAL SHALL REMAIN.
- CONTRACTOR SHALL PROVIDE EXISTING DAMAGE PHOTOS PRIOR TO MOBILIZING OR PERFORMING ANY WORK. LOCATIONS OF PICTURES TO BE RECORDED ON THIS SHEET.
- TO PREVENT DAMAGES OUTSIDE THE LIMITS OF DISTURBANCE, NO AREAS OUTSIDE THE LOD SHALL BE USED FOR STAGING OR STORAGE.
- UPON COMPLETION OF THE PROJECT, ALL EXCESS SOIL, TEMPORARY FENCING, EROSION CONTROL MEASURES, STABILIZATION MATERIALS, AND OTHER DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY. ALL PAVED AREAS, WALLS, ETC. SHALL BE THOROUGHLY WASHED AND CLEANED UPON COMPLETION OF THE PROJECT.
- CONTRACTOR MAY USE EXISTING PARKING LOT AS A STAGING AREA DURING DEMOLITION.
- CONTRACTOR SHALL PROTECT EXISTING LIGHT POLES TO REMAIN THROUGHOUT CONSTRUCTION. ANY DAMAGE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL CAP UTILITIES IN THE PRESENCE OF THE SITE INSPECTOR. VERIFICATION BY COUNTY INSPECTOR IS REQUIRED.
- WATER METERS SHALL BE DISCONTINUED AND WATER SERVICE LINES SHALL BE CAPPED AT THE MAIN. A PERMIT IS REQUIRED FOR ALL WORK WITHIN THE RIGHT-OF-WAY.
- REFER TO ARCHITECTURAL DEMOLITION PLANS FOR DETAILED BUILDING DEMOLITION INFORMATION.



- DEMOLITION KEYNOTES**
- CARD READER ISLAND TO BE REMOVED, SAW-CUT ASPHALT PERIMETER
 - STORM DRAIN PIPE TO BE REMOVED
 - SHED TO BE REMOVED BY HAND
 - MECHANICAL EQUIPMENT AND SUPPORTING ENCLOSURES OR STRUCTURES INCLUDING COLUMNS AND FOUNDATIONS TO BE REMOVED
 - CHAIN LINK FENCE TO BE REMOVED
 - BUILDING TO BE REMOVED
 - SITE LIGHT TO BE REMOVED
 - SIGN TO BE REMOVED
 - ASPHALT PAVEMENT TO BE REMOVED
 - CONCRETE PAVEMENT TO BE REMOVED
 - CONCRETE CURB AND GUTTER TO BE REMOVED
 - VEGETATION TO BE REMOVED
 - FIRE HYDRANT TO BE REMOVED
 - STORM DRAIN STRUCTURE TO BE REMOVED
 - HEADER CURB TO BE REMOVED
 - STORM DRAIN STRUCTURE TO BE PROTECTED, TOP MODIFIED AND INCOMING PIPES PLUGGED
 - WOODEN FENCE TO BE REMOVED
 - WATER PUMP TO BE REMOVED
 - SANITARY STRUCTURE TO BE PROTECTED, TOP MODIFIED AND INCOMING PIPES PLUGGED
 - SANITARY STRUCTURE TO BE REMOVED
 - SANITARY PIPE TO BE REMOVED
 - SCREEN WALL TO BE REMOVED



AMT
 A. MORTON THOMAS AND ASSOCIATES, INC.
 CONSULTING ENGINEERS
 14555 AVON PARKWAY SUITE 150
 CHANTILLY, VA 20151
 PHONE (703) 817-1373
 EMAIL: AMT1@AMTENGINEERING.COM

CONSULTANTS

CHelsea M. BISHOP
 Lic. No. 50030
 PROFESSIONAL ENGINEER

DECONSTRUCTION OF VIRGINIA HOSPITAL CENTER COMPLEX - PHASE 2
 601 SOUTH CARLIN SPRINGS ROAD
 ARLINGTON, VA 22204

MARK	DATE	DESCRIPTION
	6/22/2022	BID SET

PROJECT NO:	19-0679.001
SCALE:	1"=40'
DESIGNED BY:	CMB
DRAWN BY:	JES
CHECKED BY:	JKS
SHEET TITLE	

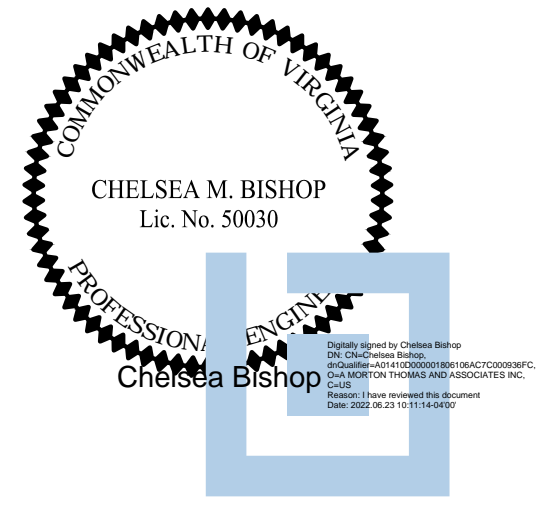
DEMOLITION PLAN

2-C-108

SHEET 08 OF 24

NOTE: CONTRACTOR SHALL PROTECT AND PRESERVE EXISTING 5-STORY OFFICE BUILDING AND MULTI-STORY PARKING GARAGE.

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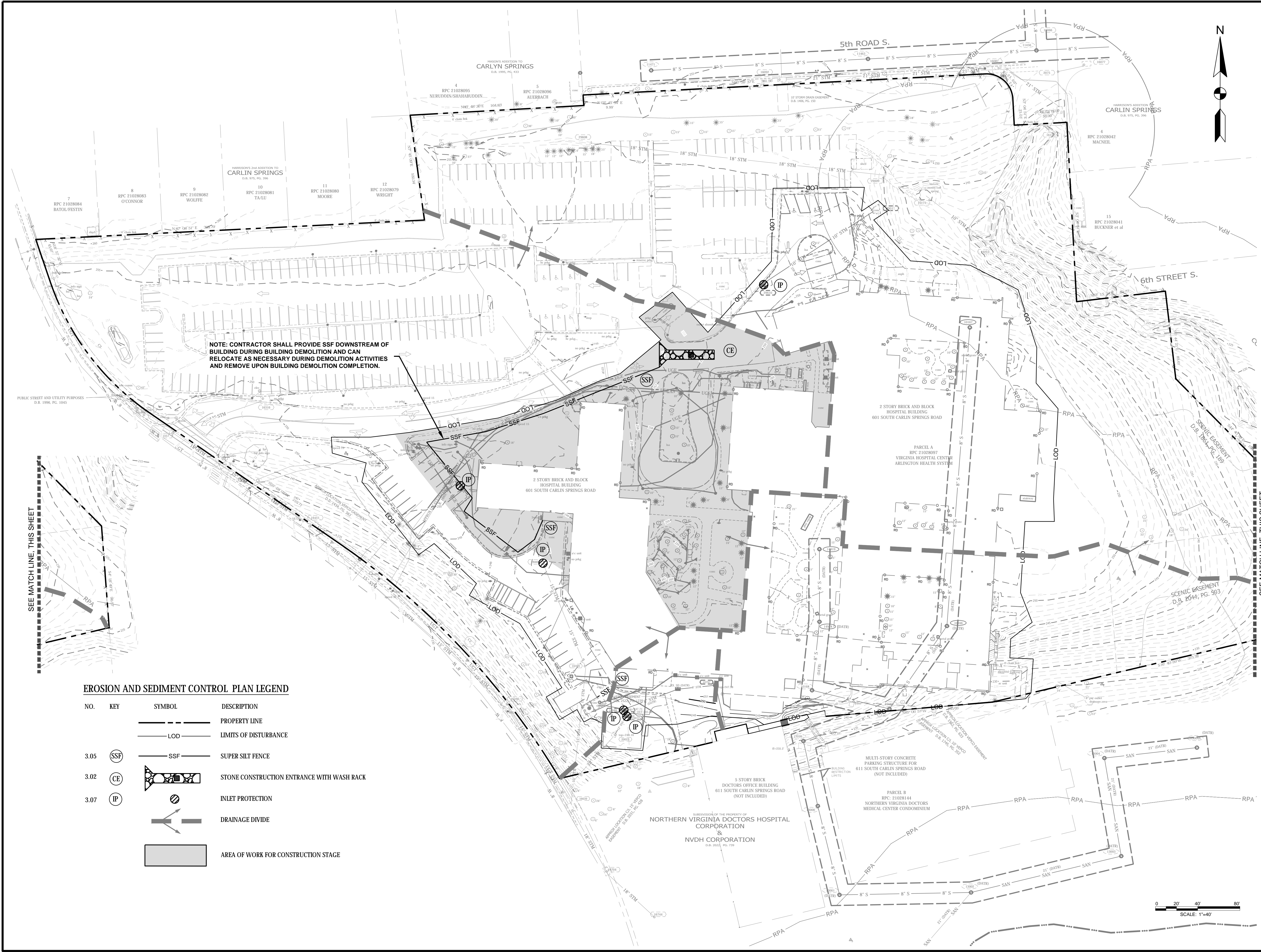
DECONSTRUCTION OF VIRGINIA HOSPITAL CENTER COMPLEX - PHASE 2
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ARLINGTON, VA 22204

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EROSION AND SEDIMENT CONTROL STAGE 1

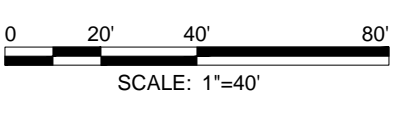
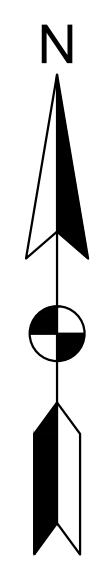
2-C-109



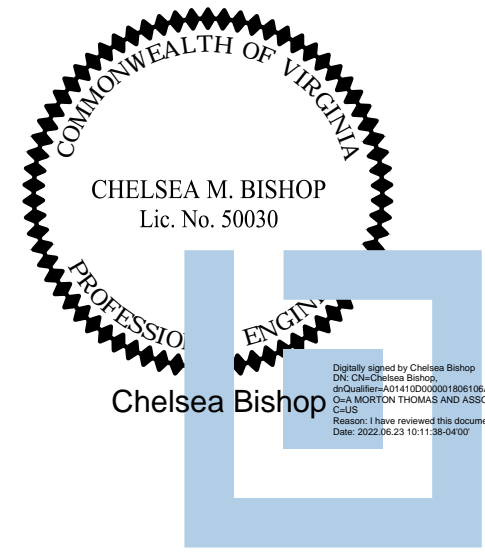
NOTE: CONTRACTOR SHALL PROVIDE SSF DOWNSTREAM OF BUILDING DURING BUILDING DEMOLITION AND CAN RELOCATE AS NECESSARY DURING DEMOLITION ACTIVITIES AND REMOVE UPON BUILDING DEMOLITION COMPLETION.

EROSION AND SEDIMENT CONTROL PLAN LEGEND

NO.	KEY	SYMBOL	DESCRIPTION
		---	PROPERTY LINE
		---	LIMITS OF DISTURBANCE
3.05	(SSF)	---	SUPER SILT FENCE
3.02	(CE)	---	STONE CONSTRUCTION ENTRANCE WITH WASH RACK
3.07	(IP)	---	INLET PROTECTION
		---	DRAINAGE DIVIDE
		---	AREA OF WORK FOR CONSTRUCTION STAGE



CONSULTANTS



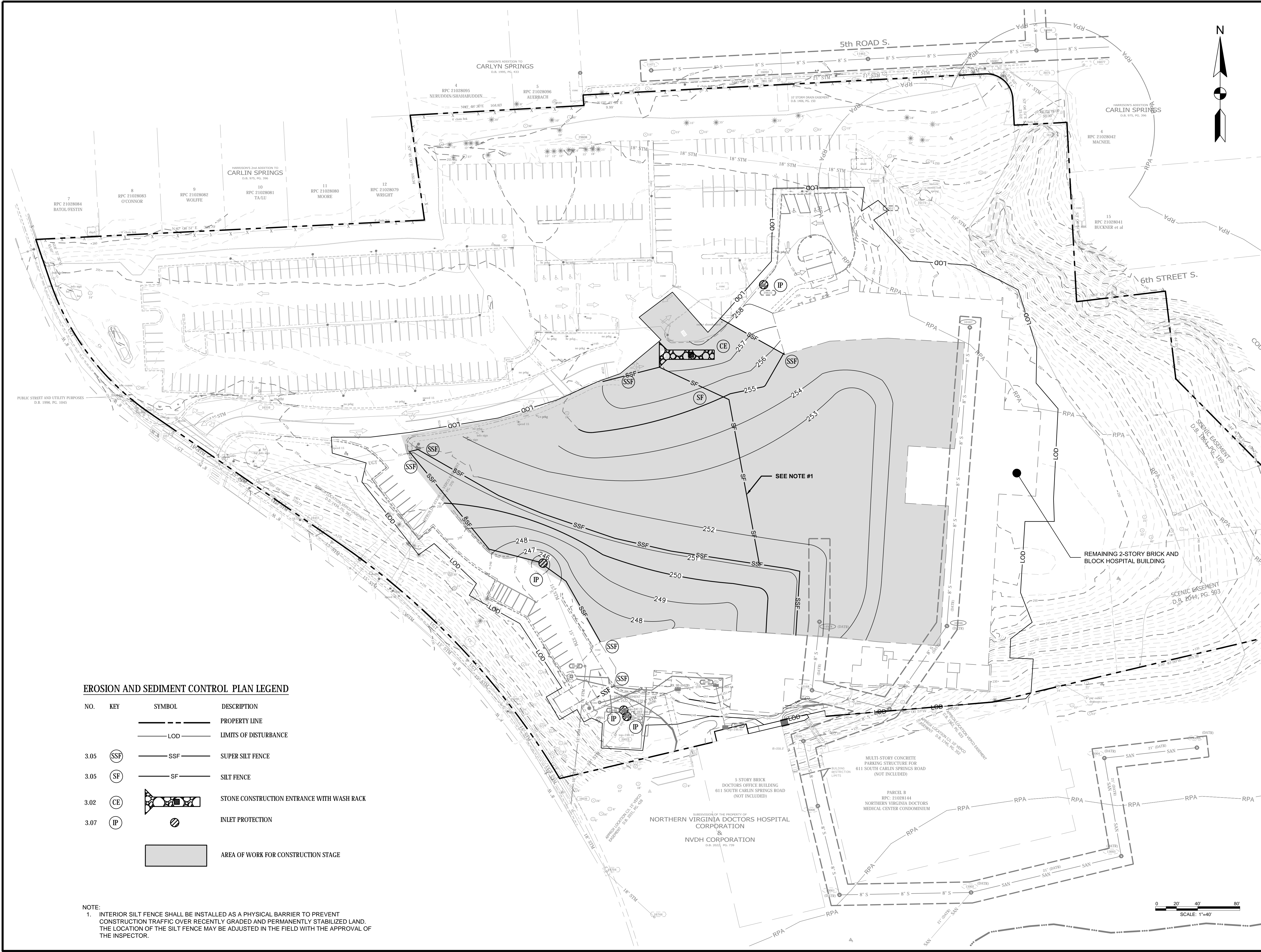
DECONSTRUCTION OF VIRGINIA HOSPITAL CENTER COMPLEX - PHASE 2
 601 SOUTH CARLIN SPRINGS ROAD
 ARLINGTON, VA 22204

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EROSION AND SEDIMENT CONTROL STAGE 2

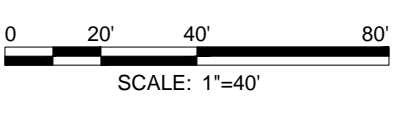
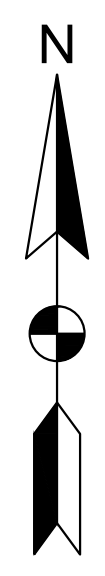
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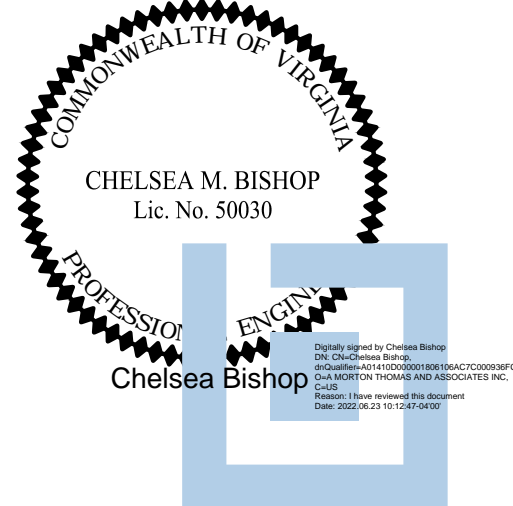
EROSION AND SEDIMENT CONTROL PLAN LEGEND

NO.	KEY	SYMBOL	DESCRIPTION
		---	PROPERTY LINE
		LOD	LIMITS OF DISTURBANCE
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3.05	(SF)	---	SILT FENCE
3.02	(CE)	[Symbol]	STONE CONSTRUCTION ENTRANCE WITH WASH RACK
3.07	(IP)	[Symbol]	INLET PROTECTION
		[Shaded Area]	AREA OF WORK FOR CONSTRUCTION STAGE

NOTE:
 1. INTERIOR SILT FENCE SHALL BE INSTALLED AS A PHYSICAL BARRIER TO PREVENT CONSTRUCTION TRAFFIC OVER RECENTLY GRADED AND PERMANENTLY STABILIZED LAND. THE LOCATION OF THE SILT FENCE MAY BE ADJUSTED IN THE FIELD WITH THE APPROVAL OF THE INSPECTOR.



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DECONSTRUCTION OF VIRGINIA HOSPITAL CENTER COMPLEX - PHASE 2
601 SOUTH CARLIN SPRINGS ROAD
ARLINGTON, VA 22204

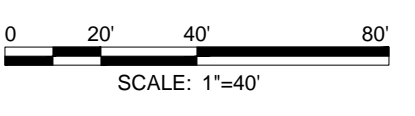
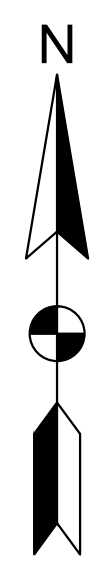
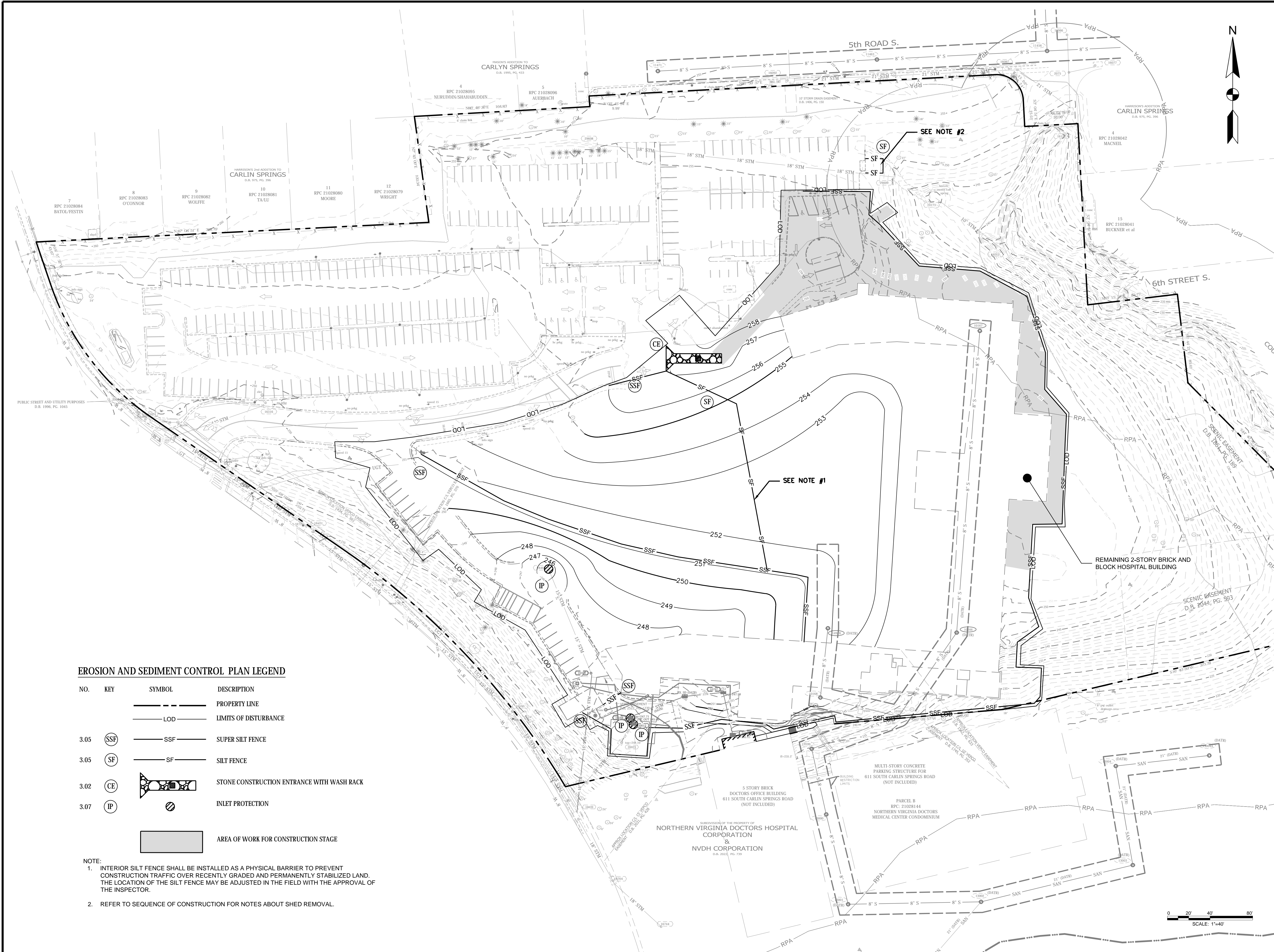
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	6/22/2022	BID SET

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SHEET TITLE	

EROSION AND SEDIMENT CONTROL STAGE 3

2-C-110

SHEET 11 OF 24



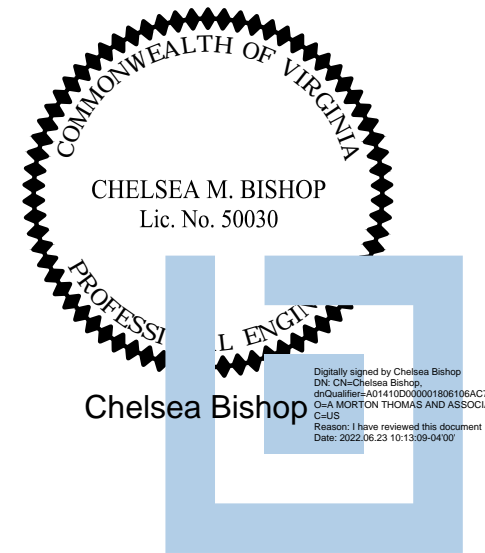
EROSION AND SEDIMENT CONTROL PLAN LEGEND

NO.	KEY	SYMBOL	DESCRIPTION
		---	PROPERTY LINE
		---	LIMITS OF DISTURBANCE
3.05	(SSF)	---	SUPER SILT FENCE
3.05	(SF)	---	SILT FENCE
3.02	(CE)	[Symbol]	STONE CONSTRUCTION ENTRANCE WITH WASH RACK
3.07	(IP)	[Symbol]	INLET PROTECTION
		[Shaded Area]	AREA OF WORK FOR CONSTRUCTION STAGE

NOTE:

- INTERIOR SILT FENCE SHALL BE INSTALLED AS A PHYSICAL BARRIER TO PREVENT CONSTRUCTION TRAFFIC OVER RECENTLY GRADED AND PERMANENTLY STABILIZED LAND. THE LOCATION OF THE SILT FENCE MAY BE ADJUSTED IN THE FIELD WITH THE APPROVAL OF THE INSPECTOR.
- REFER TO SEQUENCE OF CONSTRUCTION FOR NOTES ABOUT SHED REMOVAL.

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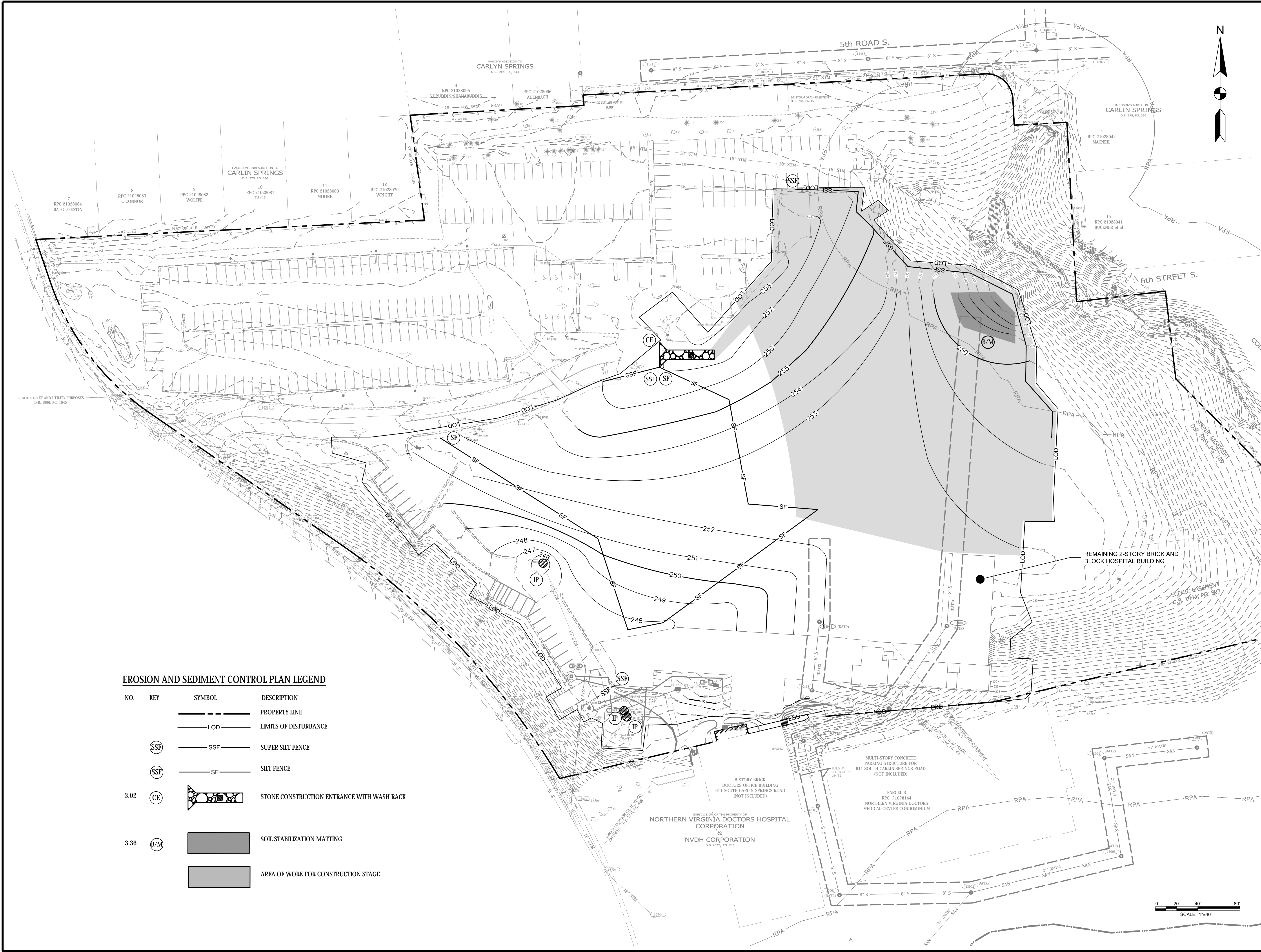
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601 SOUTH CARLIN SPRINGS ROAD
ARLINGTON, VA 22204

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	6/22/2022	BID SET

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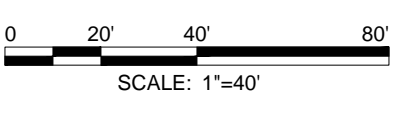
EROSION AND SEDIMENT CONTROL STAGE 4

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SHEET 12 OF 24

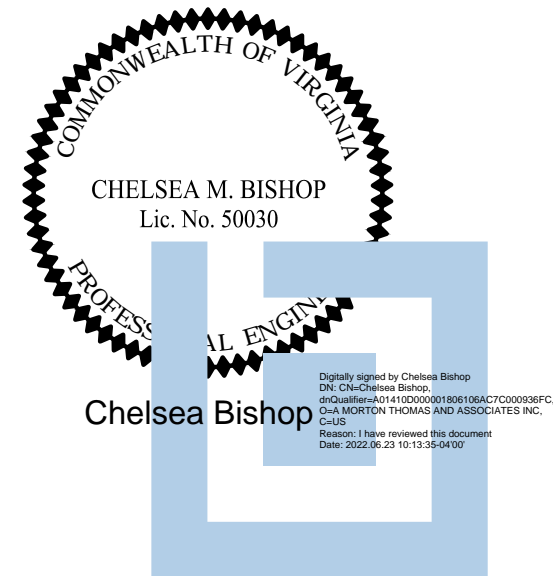


EROSION AND SEDIMENT CONTROL PLAN LEGEND

NO.	KEY	SYMBOL	DESCRIPTION
		---	PROPERTY LINE
		---	LIMITS OF DISTURBANCE
		SSSF	SUPER SILT FENCE
		SF	SILT FENCE
3.02		CE	STONE CONSTRUCTION ENTRANCE WITH WASH RACK
3.36		B/M	SOIL STABILIZATION MATTING
		(Shaded Area)	AREA OF WORK FOR CONSTRUCTION STAGE



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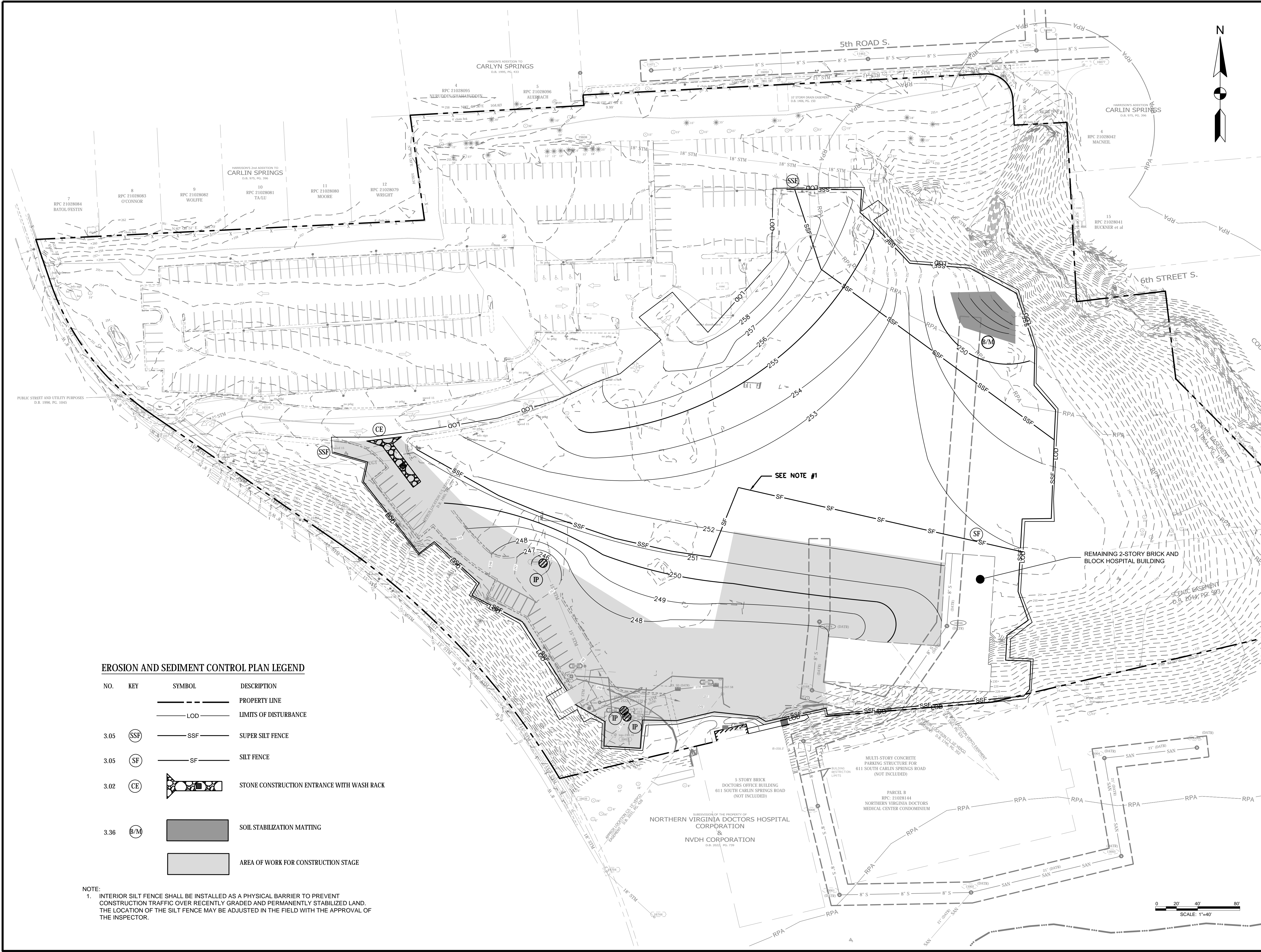
DECONSTRUCTION OF VIRGINIA HOSPITAL CENTER COMPLEX - PHASE 2
 601 SOUTH CARLIN SPRINGS ROAD
 ARLINGTON, VA 22204

MARK	DATE	DESCRIPTION
	6/22/2022	BID SET

PROJECT NO:	19-0679.001
SCALE:	1"=40'
DESIGNED BY:	CMB
DRAWN BY:	JES
CHECKED BY:	JKS
SHEET TITLE	

EROSION AND SEDIMENT CONTROL STAGE 5

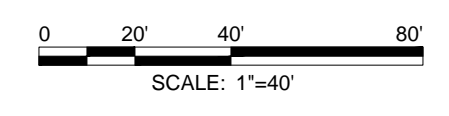
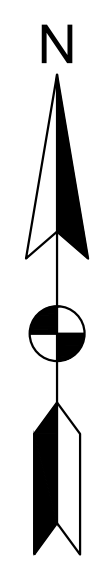
2-C-110B
 SHEET 13 OF 24



EROSION AND SEDIMENT CONTROL PLAN LEGEND

NO.	KEY	SYMBOL	DESCRIPTION
		---	PROPERTY LINE
		---	LIMITS OF DISTURBANCE
3.05	(SSF)	---	SUPER SILT FENCE
3.05	(SF)	---	SILT FENCE
3.02	(CE)	[Symbol]	STONE CONSTRUCTION ENTRANCE WITH WASH RACK
3.36	(B/M)	[Symbol]	SOIL STABILIZATION MATTING
		[Shaded Area]	AREA OF WORK FOR CONSTRUCTION STAGE

NOTE:
 1. INTERIOR SILT FENCE SHALL BE INSTALLED AS A PHYSICAL BARRIER TO PREVENT CONSTRUCTION TRAFFIC OVER RECENTLY GRADED AND PERMANENTLY STABILIZED LAND. THE LOCATION OF THE SILT FENCE MAY BE ADJUSTED IN THE FIELD WITH THE APPROVAL OF THE INSPECTOR.



EROSION AND SEDIMENT CONTROL NARRATIVE

PROJECT DESCRIPTION
DECONSTRUCTION OF COMMUNITY HOSPITAL CENTER WITH ASSOCIATED UTILITIES AND SITE IMPROVEMENTS.

TOTAL SITE AREA: 11.5700 ACRES (503,989 SF)
AREA OF DISTURBANCE: 4.9443 ACRES (215,372 SF)

EXISTING SITE CONDITIONS
EXISTING SLOPES: 2-40%

ADJACENT PROPERTIES
NORTH: PRIVATE RESIDENCES
EAST: GLENCARLYN PARK
SOUTH: NORTHERN VIRGINIA DOCTORS MEDICAL CENTER
WEST: SOUTH CARLIN SPRINGS RD.

OFF-SITE AREAS
THERE IS NO PROPOSED OFF-SITE WORK.

SOILS
URBAN LAND-UDORTHTENS COMPLEX, 2% TO 15% SLOPES AND GLENELG-MANOR COMPLEX, 15% TO 35% SLOPES.

URBAN LAND-UDORTHTENS COMPLEX SOIL (12), AND GLENELG-MANOR COMPLEX (6D) ARE HYDROLOGIC GROUP D AND B SOILS, RESPECTFULLY.

CRITICAL EROSION AREAS
THERE IS A RESOURCE PROTECTION AREA (RPA) PRESENT WITHIN THE LIMITS OF DISTURBANCE. REFER TO SHEET 2-C-704 FOR WATER QUALITY IMPACT ASSESSMENT. THERE ARE ALSO CRITICAL SLOPES (UP TO 50%) PRESENT ALONG THE SOUTH, EAST, AND SOUTHWESTERN SIDES OF THE LIMITS OF DISTURBANCE. REFER TO THE SEQUENCE OF CONSTRUCTION BELOW FOR SPECIFIC MITIGATION STRATEGY.

EROSION AND SEDIMENT CONTROL MEASURES
PERMANENT OR TEMPORARY SOIL STABILIZATION MUST BE APPLIED TO DENUDED AREAS WITHIN 7 DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE EXCEPT FOR STEEP SLOPES GREATER THAN 3:1 AND FOR AREAS WITHIN AND ADJACENT TO THE RPA WHICH SHALL BE STABILIZED IMMEDIATELY. SOIL STABILIZATION MUST BE APPLIED WITHIN 7 DAYS TO DENUDED AREAS WHICH MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN 30 DAYS EXCEPT FOR STEEP SLOPES GREATER THAN 3:1 AND FOR AREAS WITHIN AND ADJACENT TO THE RPA WHICH SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. ANY STOCKPILES MUST BE MULCHED AND SEEDED IMMEDIATELY AS DIRECTED BY THE COUNTY INSPECTOR.

SEDIMENT CONTROL WILL BE EXECUTED THROUGH THE INSTALLATION OF SUPER SILT FENCE, INLET PROTECTION AND CONSTRUCTION ENTRANCE WITHIN THE DRAINAGE AREA OF THE LIMITS OF DISTURBANCE.

ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER TEMPORARY MEASURES ARE NO LONGER NEEDED.

STRUCTURAL PRACTICES

CONSTRUCTION ENTRANCE - 3.02
INSTALL A TEMPORARY CONSTRUCTION ENTRANCE WITH A WASH RACK IN THE PARKING LOT AS SHOWN. WASH ALL CONSTRUCTION VEHICLES EGRESSING FROM THE SITE AS NECESSARY TO ENSURE THAT SEDIMENT WILL NOT LEAVE THE SITE. DIRECT WASH WATER TO NEAREST SEDIMENT CONTROL DEVICE.

SILT FENCE, SUPER SILT FENCE - 3.05
INSTALL SILT FENCE AND SUPER SILT FENCE BARRIER DOWNSLOPE OF AREAS WITH HIGHER GRADES TO FILTER SEDIMENT-LADEN RUNOFF FROM SHEET FLOW.

INLET PROTECTION - 3.07
INSTALL SEDIMENT FILTER OR AN EXCAVATED IMPOUNDING AREA AROUND A STORM DRAIN DROP INLET OR CURB INLET.

SOIL STABILIZATION MATTING - 3.36
INSTALL BIODEGRADABLE AND 100% ALL-NATURAL ORGANIC STRAW EROSION CONTROL MAT (BY GEI WORKS, OR APPROVED EQUAL) ATOP THE STEEP SLOPES. THE MATTING SHALL NOT INCLUDE ANY SYNTHETIC MATERIALS OR PLASTICS. SECURE MATTING TO THE GROUND WITH BIODEGRADABLE STAKES ON A 3' x 3' GRID IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

VEGETATIVE MEASURES
1. **TOPSOILING (STOCKPILE)**
TOPSOIL WILL BE STRIPPED FROM AREAS TO BE GRADED AND STOCKPILED FOR LATER USE. STOCKPILE LOCATIONS ARE TO BE STABILIZED WITH TEMPORARY VEGETATION WITHIN 14 DAYS.

2. **TEMPORARY SEEDING**
DISTURBED AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE WITHIN A PERIOD OF 30 DAYS WILL HAVE TEMPORARY VEGETATION ESTABLISHED. TEMPORARY VEGETATION WILL REDUCE DAMAGE FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AND OFF-SITE AREAS. TEMPORARY SEEDING PLANT MATERIAL SHALL BE RAPIDLY GROWING PLANTS SELECTED FROM VESCH STANDARD AND SPEC. 3.31 AND TABLE 3.31-A&B. AREAS WHICH FAIL TO ESTABLISH VEGETATIVE COVER ADEQUATE TO PREVENT RILL EROSION ARE TO BE RESEDED AS SOON AS POSSIBLE. FERTILIZER SHALL BE APPLIED AT A RATE OF 600 LBS. PER ACRE. FERTILIZER SHALL BE INCORPORATED INTO TOP 51-102mm OF SOIL. SEED SHALL BE EVENLY APPLIED AND SMALL GRAINS SHALL BE PLANTED NO MORE THAN 38mm DEEP. SEEDING MADE IN FALL FOR WINTER COVER AND DURING SUMMER MONTHS SHALL BE MULCHED.

3. **PERMANENT SEEDING**
ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING FINISHED GRADING. SEEDING SHALL BE DONE WITH ERNMX-181 OR APPROVED EQUAL, PER SHEET 2-L-101. EROSION CONTROL BLANKETS ARE TO BE INSTALLED OVER FILL SLOPES, WHICH HAVE BEEN BROUGHT TO FINAL GRADE AND HAVE BEEN SEEDED. THIS WILL PROTECT THE SLOPES FROM RILL AND GULLY EROSION AND ALLOW THE SEED TO GERMINATE PROPERLY. MULCH (STRAW OR FIBER) WILL BE USED ON RELATIVELY FLAT AREAS. IN ALL SEEDING OPERATIONS, SEED, FERTILIZER AND LIME WILL BE APPLIED PRIOR TO MULCHING. THE PLANTING SOIL MUST HAVE ENOUGH FINE GRAINED SOIL, SUFFICIENT PORE SPACE, SUFFICIENT DEPTH AND BE FROM TOXIC OR EXCESSIVE QUANTITIES OF ROOTS AND SHALL BE APPLIED IN ACCORDANCE WITH STD. 3.30.

4. **SODDING**
AREAS THAT ARE TO BE SODDED SHALL BE BROUGHT TO FINAL GRADE IN ACCORDANCE WITH THE PLANS. SOIL TESTS SHOULD BE DETERMINE THE EXACT REQUIREMENTS FOR LIME AND FERTILIZER. PRIOR TO LAYING SOD, SOIL SURFACE SHALL BE CLEAR OF TRASH, DEBRIS, AND LARGE OBJECTS. QUALITY OF SOD SHALL BE STATE CERTIFIED AND ENSURE GENETIC PURITY AND HIGH QUALITY. SOD SHALL NOT BE LAID IN EXCESSIVELY WET OR DRY WEATHER AND BE DELIVERED AND INSTALLED WITHIN 36 HOURS. SOD SHOULD NOT BE LAID ON FROZEN SOIL SURFACE AND SHALL BE INSTALLED PER PLATE 3.33-1 OF THE VESCH.

5. **DUST CONTROL**
DUST SHALL ME MINIMIZED AS MUCH AS POSSIBLE.

SEDIMENT CONTROL - SEQUENCE OF CONSTRUCTION NARRATIVE
SEQUENCE OF CONSTRUCTION - STAGE 1, SEE SHEET 2-C-109
A. HOLD A PRE-CONSTRUCTION MEETING WITH ALL RELEVANT STAKEHOLDERS. THIS MUST INCLUDE THE ARLINGTON COUNTY INSPECTOR AND URBAN FORESTER.
B. INSTALL SUPER SILT FENCE (SSF), INLET PROTECTION (IP), AND CONSTRUCTION ENTRANCE (CE).
C. CONTRACTOR TO HAVE CONSTRUCTION WORKER PARKING, HAUL ROUTE, AND EXCAVATION PROTECTION PLAN APPROVED BY ARLINGTON COUNTY.
D. CONTRACTOR TO SUBMIT SEDIMENT DISPOSAL PLAN TO ARLINGTON COUNTY INSPECTOR FOR APPROVAL.

SEQUENCE OF CONSTRUCTION - STAGE 2, SEE SHEET 2-C-109A
A. ALL SEDIMENT AND EROSION CONTROL DEVICES INSTALLED AS PART OF STAGE 1 SHALL REMAIN IN PLACE AND FUNCTIONING, UNLESS OTHERWISE DIRECTED BY THE INSPECTOR.
B. DEMOLISH AND REMOVE EXISTING PAVEMENT, VEGETATION, PORTION OF BUILDING, AND REMAINING ASSOCIATED UTILITIES AS SHOWN ON SHEET 2-C-109A INCLUDING SANITARY STRUCTURE 14919 AND DOWNSTREAM 8" PIPE. PATCH STRUCTURE 14918 WHERE INCOMING PIPE IS REMOVED.
C. PERFORM ROUGH GRADING TO BRING SITE TO FINAL GRADE TO THE EXTENT POSSIBLE AND TIE OUT TO REMAINING BUILDING AS SHOWN.
D. EXCAVATE ALL AREAS TO BE PAVED TO A SUITABLE SUBGRADE. INSTALL STONE SUBBASE AND PROPOSED PAVING.

SEQUENCE OF CONSTRUCTION - STAGE 3, SEE SHEET 2-C-110
A. ALL SEDIMENT AND EROSION CONTROL DEVICES INSTALLED AS PART OF STAGE 2 SHALL REMAIN IN PLACE AND FUNCTIONING, UNLESS OTHERWISE DIRECTED BY THE INSPECTOR.
B. CONTRACTOR SHALL REMOVE SHED AND ANY ASSOCIATED FOUNDATION IN NORTHEAST AREA OF PARKING LOT BY HAND. IMMEDIATELY STABILIZE WITH PERMANENT SEEDING AND INSTALL SILT FENCE AROUND THE AREA.
C. CONTRACTOR SHALL REMOVE CURB INLET #29610, 10" STORM PIPE AND END SECTION #29611 AND IMMEDIATELY STABILIZE PRIOR TO OTHER DEMOLITION ACTIVITIES TO PREVENT CONCENTRATED SEDIMENT-LADEN RUNOFF FROM ENTERING THE RPA OR IMPACTING THE HISTORIC MOSES BALL SPRING.

SEQUENCE OF CONSTRUCTION - STAGE 4, SEE SHEET 2-C-110A
A. ALL SEDIMENT AND EROSION CONTROL DEVICES INSTALLED AS PART OF STAGE 3 SHALL REMAIN IN PLACE AND FUNCTIONING, UNLESS OTHERWISE DIRECTED BY THE INSPECTOR.
B. DEMOLISH ADDITIONAL PORTIONS OF THE BUILDING AND HARDSCAPE AS SHOWN WHICH INCLUDES AREA IN THE RPA. PORTIONS OF SANITARY SEWER TO BE REMOVED INCLUDE STRUCTURE 10167 AND ASSOCIATED OUTLET PIPE TO THE EXTENT SHOWN.
C. ROUGH GRADE ADDITIONAL SITE AREA AS SHOWN ON SHEET 2-C-110A AND IMMEDIATELY STABILIZE. FOR THE AREA WITHIN AND ADJACENT TO THE RPA, PROVIDE A PROTECTIVE SOIL STABILIZATION MATTING AS SHOWN AND ADDITIONAL SUPER SILT FENCE IMMEDIATELY UPSTREAM OF THE RPA BUFFER AS SHOWN.

SEQUENCE OF CONSTRUCTION - STAGE 5, SEE SHEET 2-C-110B
A. ALL SEDIMENT AND EROSION CONTROL DEVICES INSTALLED AS PART OF STAGE 4 SHALL REMAIN IN PLACE AND FUNCTIONING, UNLESS OTHERWISE DIRECTED BY THE INSPECTOR.
B. ALL STORM PIPE AND STRUCTURES UPSTREAM OF #20023 SHALL BE REMOVED. PATCH STRUCTURE #20023 WHERE INCOMING 12" PIPE IS REMOVED.
C. DEMOLISH THE REMAINING SOUTHWEST BUILDING CORNER. SANITARY SEWER STRUCTURE 14918 WILL BE REMOVED AND STRUCTURE 10168 WILL BE PATCHED WHERE INCOMING PIPE IS REMOVED AND THE TOP ADJUSTED TO MATCH THE PROPOSED RIM SHOWN ON 2-C-113. THE REMAINING 8" PIPE UPSTREAM OF STRUCTURE 10166 SHALL BE CAPPED UNTIL PHASE 6.
D. ROUGH GRADE REMAINING SITE AREA AS SHOWN.

SEE SEQUENCE OF CONSTRUCTION - STAGE 6 NARRATIVE ON NEXT COLUMN.

SEQUENCE OF CONSTRUCTION - STAGE 6, SEE SHEET 2-C-110C
A. ALL SEDIMENT AND EROSION CONTROL DEVICES INSTALLED AS PART OF STAGE 5 SHALL REMAIN IN PLACE AND FUNCTIONING, UNLESS OTHERWISE DIRECTED BY THE INSPECTOR.
B. DEMOLISH THE REMAINING SOUTHEAST BUILDING CORNER, SANITARY STRUCTURE 10166 AND UPSTREAM 8" SANITARY PIPE. REMAINING 8" PIPE UPSTREAM OF SANITARY STRUCTURE #10165 TO #10166 SHALL BE ABANDONED IN PLACE.
C. ROUGH GRADE REMAINING SITE AREA AS SHOWN AND PROVIDE PROTECTIVE SOIL STABILIZATION MATTING.
D. DEMOLISH AND REMOVE THE MECHANICAL YARD SCREEN WALL, EQUIPMENT AND CONCRETE SLAB. ROUGH GRADE AND IMMEDIATELY STABILIZE THE SLOPE WITH PROTECTIVE SOIL STABILIZATION MATTING.
E. DEMOLISH AND REMOVE REMAINING PARKING LOT AREA AND ASSOCIATED CURB AND GUTTER.
F. CONTRACTOR SHALL PATCH 15" AND 10" INCOMING PIPE OPENINGS TO STRUCTURE #16599. ONCE THE PATCHES ARE IN PLACE, REMOVE UPSTREAM 15" AND 10" PIPES AS WELL AS INLET #28469.
G. EXCAVATE ALL AREAS TO BE PAVED TO A SUITABLE SUBGRADE. INSTALL CURB AND GUTTER, AND SIDEWALKS.
H. UPON FINAL STABILIZATION OF THE SITE WITH ESTABLISHED VEGETATION AND WITH THE PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE THE REMAINING SEDIMENT CONTROL MEASURES AND STABILIZE THOSE AREAS DISTURBED BY THIS PROCESS.

MAINTENANCE
A. ALL CONTROLS ARE TO BE INSPECTED ON A DAILY BASIS BY THE SITE SUPERINTENDENT OR HIS REPRESENTATIVE. ANY DAMAGED CONTROLS ARE TO BE REPAIRED BY THE END OF THE WORKING DAY.
B. ALL CONSTRUCTION VEHICLES EGRESSING FROM THE SITE SHALL BE WASHED AS NECESSARY TO INSURE THAT SEDIMENT WILL NOT BE REMOVED FROM THE SITE. WASH WATER TO BE TRUCKED INTO THE SITE OR OBTAINED FROM A METERED WATER CONNECTION. WASH WATER TO BE DIRECTED TO A SEDIMENT TRAPPING DEVICE.
C. TO PREVENT CLOGGING, AREA DRAINS & TRENCH DRAINS ARE TO BE PROTECTED FROM DEBRIS AND CONSTRUCTION MATERIAL. CONTRACTOR TO COORDINATE WITH SITE INSPECTOR TO DETERMINE METHODOLOGY OF PROTECTION.
D. VPDES/VSPM PERMIT SHALL BE OBTAINED BY CONTRACTOR. CONDITIONS OF VPDES/VSPM PERMIT SHALL BE STRICTLY OBSERVED.

PRE-STORM EROSION AND SEDIMENT CONTROL CHECKLIST
PER EROSION AND SEDIMENT CONTROL GENERAL NOTE 6, THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ANY ADDITIONAL EROSION AND SEDIMENT CONTROL (ESC) MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE COUNTY. THESE SUPPLEMENTARY PRACTICES ARE IN ADDITION TO THOSE SHOWN IN AN ESC PLAN. ESC PRACTICES SHALL BE MODIFIED AS NEEDED TO ENSURE ONLY CLEAR WATER IS DISCHARGED FROM THE SITE.

THE FOLLOWING ACTIONS SHALL BE TAKEN PRIOR TO STORM EVENTS WITH PREDICTED HEAVY AND/OR LARGE VOLUME RAINFALL TO PREVENT SEDIMENT DISCHARGES FROM A CONSTRUCTION SITE. A TYPICAL SUMMER THUNDERSTORM IS AN EXAMPLE OF A STORM EVENT WITH PREDICTED HEAVY AND/OR LARGE VOLUME RAINFALL.

PERIMETER CONTROLS
□ SILT FENCE SHALL BE CHECKED FOR UNDERMINING, HOLES, OR DETERIORATION OF THE FABRIC. FENCING SHALL BE REPLACED IMMEDIATELY IF THE FABRIC IS DAMAGED OR WORN. SILT FENCE MUST BE TRENCHED INTO THE GROUND PER STATE SPECIFICATIONS (STD & SPEC 3.09).
□ WOODEN STAKES OR STEEL POSTS SHALL BE PROPERLY SECURED UPRIGHT INTO THE GROUND. DAMAGED POSTS OR STAKES MUST BE REPLACED.
□ SEDIMENT THAT HAS ACCUMULATED AGAINST THE SILT FENCE SHOULD BE REMOVED. ACCUMULATED SEDIMENT MUST BE REMOVED WHEN THE LEVEL REACHES ONE-HALF THE HEIGHT OF THE FENCING.
□ HAY BALES OR A STONE BERM SHOULD BE PLACED ACROSS THE CONSTRUCTION ENTRANCE TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE.

EXPOSED SLOPES AND SOIL
□ EXPOSED SLOPES NOT AT THE FINAL STABILIZATION PHASE SHALL BE COVERED WITH TARPS, PLASTIC SHEETING, OR EROSION CONTROL MATTING. COVERING MATERIAL SHALL BE PROPERLY SECURED/ANCHORED.
□ CONTROLS SHALL BE INSTALLED TO PREVENT CONCENTRATED FLOW DOWN AN EXPOSED SLOPE. BERMS OR DIVERSION DIKES SHALL BE INSTALLED AT THE TOP OF CUT / EXPOSED SLOPES TO DIRECT STORM FLOW AROUND THE DISTURBED AREA.
□ EXPOSED SLOPES AT THE FINAL STABILIZATION PHASE SHALL BE STABILIZED USING BIODEGRADABLE AND 100% ALL-NATURAL ORGANIC STRAW EROSION CONTROL MAT (BY GEI WORKS, OR APPROVED EQUAL) ATOP THE STEEP SLOPES. THE MATTING SHALL NOT INCLUDE ANY SYNTHETIC MATERIALS OR PLASTICS. SECURE MATTING TO THE GROUND WITH BIODEGRADABLE STAKES ON A 3' x 3' GRID IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
□ SEEDED AREAS SHALL BE CHECKED AND RESEEDED AS NECESSARY TO COVER EXPOSED SOIL. RECENTLY SEEDED AREAS SHALL BE PROTECTED BY STRAW OR SOIL STABILIZATION BLANKETS TO PREVENT SEEDING FROM BEING WASHED AWAY.

STOCKPILES
□ STOCKPILED SOIL AND OTHER LOOSE MATERIALS THAT CAN BE WASHED AWAY SHALL BE COVERED WITH A TARP, PLASTIC SHEETING, OR OTHER STABILIZATION MATTING. THE COVER MUST BE PROPERLY SECURED/ANCHORED DOWN TO PREVENT IT FROM BEING BLOWN OFF AND EXPOSING MATERIALS TO RAIN. CONTROLS SUCH AS HAY BALES OR BOOMS SHOULD BE PLACED ALONG THE PERIMETER OF THE STOCK PILE (DOWNHILL SIDE).

INLET PROTECTION
□ INLET PROTECTION CONTROLS SHALL BE INSPECTED TO ENSURE THEY ARE FUNCTIONING PROPERLY AND FLOODING WILL NOT OCCUR. CLOGGED OR DAMAGED CONTROLS MUST BE REPLACED IMMEDIATELY. ENSURE CONTROLS ALLOW FOR OVERFLOW / BYPASS OF STORMWATER RUNOFF DURING SIGNIFICANT STORM EVENTS.
IN ADDITION TO THESE PRE-STORM ACTIONS, ALL EROSION AND SEDIMENT CONTROL (ESC) MEASURES MUST BE CHECKED DAILY AND AFTER EACH SIGNIFICANT RAINFALL.

- GENERAL LAND CONSERVATION NOTES**
- NO DISTURBED AREA WILL REMAIN DENUDED FOR MORE THAN 7 CALENDAR DAYS UNLESS OTHERWISE AUTHORIZED BY THE DIRECTOR OR HIS AGENT.
 - ALL EROSION CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN GRADING. FIRST AREAS TO BE CLEARED ARE TO BE THOSE REQUIRED FOR THE PERIMETER CONTROLS.
 - ALL STORM AND SANITARY SEWER LINES NOT IN STREET ARE TO BE MULCHED AND SEEDED WITHIN 5 DAYS AFTER BACKFILL. NO MORE THAN 500 FEET ARE TO BE OPEN AT ANY ONE TIME.
 - ELECTRIC POWER, TELEPHONE AND GAS SUPPLY TRENCHES ARE TO BE COMPACTED, SEEDED AND MULCH WITHIN 5 DAYS OF BACKFILL.
 - ALL TEMPORARY BERMS, DIVERSION AND SEDIMENT CONTROL DAMS ARE TO BE MULCHED AND SEEDED FOR TEMPORARY VEGETATIVE COVER IMMEDIATELY AFTER GRADING. STRAW OR HAY MULCH IS REQUIRED. THE SAME APPLIES TO ALL SOIL STOCKPILES.
 - DURING CONSTRUCTION, ALL STORM INLETS WILL BE PROTECTED BY INLET PROTECTION DEVICES, MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS.
 - ANY DISTURBED AREA NOT COVERED IN NOTE # 1 ABOVE AND NOT PAVED, SODDED OR BUILT UPON BY NOVEMBER 1ST, OR DISTURBED AFTER THAT DATE, SHALL BE MULCHED WITH HAY OR STRAW AT THE RATE OF 2 TONS PER ACRE AND OVER-SEEDED NO LATER THAN MAY 15TH.
 - AT THE COMPLETION OF THE CONSTRUCTION PROJECT AND PRIOR TO BOND RELEASE, ALL TEMPORARY SEDIMENT CONTROLS SHALL BE REMOVED AND ALL DENUDED AREAS SHALL BE STABILIZED. ARLINGTON COUNTY INSPECTOR TO APPROVE REMOVAL OF ALL TEMPORARY SILTATION MEASURES.

EROSION AND SEDIMENT CONTROL NOTES

ES-1: UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND VIRGINIA'S REGULATIONS 4VAC50-30 EROSION AND SEDIMENT CONTROL REGULATIONS.
ES-2: THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
ES-3: ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.
ES-4: A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
ES-5: PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, OFF-SITE BORROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE PLAN APPROVING AUTHORITY.
ES-6: THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE PLAN APPROVING AUTHORITY.
ES-7: ALL DISTURBED AREA ARE TO BE DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.
ES-8: DURING DETERIORATING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED FILTERING DEVICE.
ES-9: THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.

NON-STORMWATER DISCHARGE PER ARLINGTON COUNTY

ONLY THE FOLLOWING NON-STORMWATER DISCHARGES ARE AUTHORIZED BY ARLINGTON COUNTY'S MS4 PERMIT, UNLESS THE STATE WATER CONTROL BOARD, THE VIRGINIA SOIL AND WATER CONSERVATION BOARD (BOARD), OR ARLINGTON COUNTY DETERMINES THE DISCHARGE TO BE A SIGNIFICANT SOURCE OF POLLUTANTS TO SURFACE WATERS:

WATER LINE FLUSHING; LANDSCAPE IRRIGATION; DIVERTED STREAM FLOWS; RISING GROUND WATERS; UNCONTAMINATED GROUND WATER INFILTRATION (AS DEFINED AT 40 CFR 35.2005(20)); UNCONTAMINATED PUMPED GROUND WATER; DISCHARGES FROM POTABLE WATER SOURCES; FOUNDATION DRAINS; AIR CONDITIONING CONDENSATION; IRRIGATION WATER; SPRINGS; WATER FROM CRAWL SPACE PUMPS; FOOTING DRAINS; LAWN WATERING; INDIVIDUAL RESIDENTIAL CAR WASHING; FLOWS FROM RIPARIAN HABITATS AND WETLANDS; DECHLORINATED SWIMMING POOL DISCHARGES; DISCHARGES OR FLOWS FROM FIRE FIGHTING; AND, OTHER ACTIVITIES GENERATING DISCHARGES IDENTIFIED BY THE DEPARTMENT OF ENVIRONMENTAL QUALITY AS NOT REQUIRING VPDES AUTHORIZATION.

APPROPRIATE CONTROLS MUST BE IMPLEMENTED TO PREVENT ANY NON-STORMWATER DISCHARGES NOT INCLUDED ON THE ABOVE LIST (E.G., CONCRETE WASH WATER, PAINT WASH WATER, VEHICLE WASH WATER, DETERGENT WASH WATER, ETC.) FROM BEING DISCHARGED INTO ARLINGTON COUNTY'S MS4 SYSTEM, WHICH INCLUDES THE CURB AND GUTTER SYSTEM, AS WELL AS CATCH BASINS AND OTHER STORM DRAIN INLETS, OR STREAM NETWORK.

PER CHAPTER 26 OF THE ARLINGTON COUNTY CODE, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DISCHARGE DIRECTLY OR INDIRECTLY INTO THE STORM SEWER SYSTEM OR STATE WATERS, ANY SUBSTANCE LIKELY, IN THE OPINION OF THE COUNTY MANAGER, TO HAVE AN ADVERSE EFFECT ON THE STORM SEWER SYSTEM OR STATE WATERS.

TABLE 3.31-B
(Revised June 2003)
TEMPORARY SEEDING SPECIFICATIONS
QUICK REFERENCE FOR ALL REGIONS

SEED		
APPLICATION DATES	SPECIES	APPLICATION RATES
Sept. 1 - Feb. 15	50/50 Mix of Annual Ryegrass (lolium multi-florum) & Cereal (Winter) Rye (Secale cereale)	50 -100 (lbs/acre)
Feb. 16 - Apr. 30	Annual Ryegrass (lolium multi-florum)	60 - 100 (lbs/acre)
May 1 - Aug. 31	German Millet	50 (lbs/acre)

FERTILIZER & LIME

- Apply 10-10-10 fertilizer at a rate of 450 lbs. / acre (or 10 lbs. / 1,000 sq. ft.)
- Apply Pulverized Agricultural Limestone at a rate of 2 tons/acre (or 90 lbs. / 1,000 sq. ft.)

NOTE:
1 - A soil test is necessary to determine the actual amount of lime required to adjust the soil pH of site.
2 - Incorporate the lime and fertilizer into the top 4 - 6 inches of the soil by disking or by other means.
3 - When applying Slowly Available Nitrogen, use rates available in [Erosion & Sediment Control Technical Bulletin # 4, 2003 Nutrient Management for Development Sites](#) at <http://www.dcr.state.va.us/sw/e&s.htm#pubs>

TABLE 3.32-D
(Revised June 2003)
PERMANENT SEEDING SPECIFICATIONS FOR PIEDMONT AREA

SEED		
LAND USE	SPECIES	APPLICATION PER ACRE
<u>Minimum Care Lawn</u> (Commercial or Residential)	Tall Fescue ¹	95-100%
	Perennial Ryegrass	0-5%
	Kentucky Bluegrass ¹	0-5%
		TOTAL: 175-200 lbs
<u>High-Maintenance Lawn</u>	Tall Fescue ¹	TOTAL: 200-250 lbs
<u>General Slope (3:1 or less)</u>	Tall Fescue ¹	128 lbs
	Red Top Grass or Creeping Red Fescue	2 lbs
	Seasonal Nurse Crop ²	20 lbs
		TOTAL: 150 lbs
<u>Low-Maintenance Slope</u> (Steeper than 3:1)	Tall Fescue ¹	108 lbs
	Red Top Grass or Creeping Red Fescue	2 lbs
	Seasonal Nurse Crop ²	20 lbs
		TOTAL: 150 lbs

1 - When selecting varieties of turfgrass, use the Virginia Crop Improvement Association (VCIA) recommended turfgrass variety list. Quality seed will bear a label indicating that they are approved by VCIA. A current turfgrass variety list is available at the local County Extension office or through VCIA at 804-746-4884 or at <http://sudan.cses.vt.edu/html/Turf/turf/publications/publications2.html>

2 - Use seasonal nurse crop in accordance with seeding dates as stated below:

February 16 th - April	Annual Rye
May 1 st - August 15 th	Foxtail Millet
August 16 th - October	Annual Rye
November - February 15 th	Winter Rye

3 - SUBSTITUTE SERICEA LESPEDEZA FOR CROWNVEETCH EAST OF FARMVILLE, VA (MAY THROUGH SEPTEMBER USE HULLED SERICEA, ALL OTHER PERIODS, USE UNHULLED SERICEA). IF FLAT PEA IS USED IN LIEU OF CROWN VETCH, INCREASE RATE TO 50LBS./ACRE. ALL LEGUME SEED MUST BE PROPERLY INOCULATED. WEEPING LOVEGRASS MAY BE ADDED TO ANY SLOPE OR LOW-MAINTENANCE MIX DURING WARMER SEEDING PERIODS; ADD 10-20 LBS./ACRE IN MIXES.

FERTILIZER & LIME


- Apply 10-20-10 fertilizer at a rate of 500 lbs. / acre (or 12 lbs. / 1,000 sq. ft.)
- Apply Pulverized Agricultural Limestone at a rate of 2 tons/acre (or 90 lbs. / 1,000 sq. ft.)

NOTE:
- A soil test is necessary to determine the actual amount of lime required to adjust the soil pH of site.
- Incorporate the lime and fertilizer into the top 4 - 6 inches of the soil by disking or by other means.
- When applying Slowly Available Nitrogen, use rates available in [Erosion & Sediment Control Technical Bulletin # 4, 2003 Nutrient Management for Development Sites](#) at <http://www.dcr.state.va.us/sw/e&s.htm#pubs>

TABLE 3.35-A
ORGANIC MULCH MATERIALS AND APPLICATION RATES

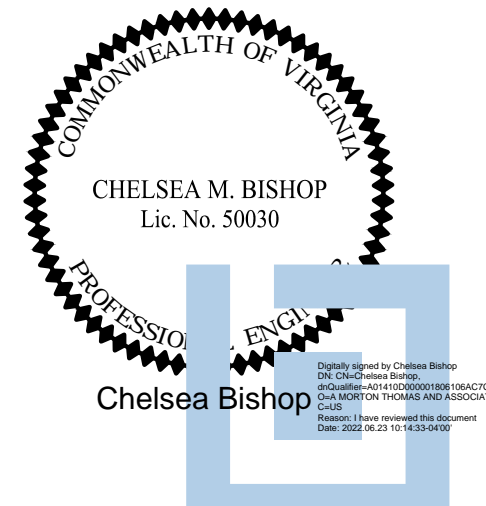
MULCHES:	RATES:		NOTES:
	Per Acre	Per 1000 sq. ft.	
Straw or Hay	1 ½ - 2 tons (Minimum 2 tons for winter cover)	70 - 90 lbs.	Free from weeds and coarse matter. Must be anchored. Spread with mulch blower or by hand.
Fiber Mulch	Minimum 1500 lbs.	35 lbs.	Do not use as mulch for winter cover or during hot, dry periods.* Apply as slurry.
Corn Stalks	4 - 6 tons	185 - 275 lbs.	Cut or shredded in 4-6" lengths. Air-dried. Do not use in fine turf areas. Apply with mulch blower or by hand.
Wood Chips	4 - 6 tons	185 - 275 lbs.	Free of coarse matter. Air-dried. Treat with 12 lbs nitrogen per ton. Do not use in fine turf areas. Apply with mulch blower, chip handler, or by hand.
Bark Chips or Shredded Bark	50 - 70 cu. yds.	1-2 cu. yds.	Free of coarse matter. Air-dried. Do not use in fine turf areas. Apply with mulch blower, chip handler, or by hand.

* When fiber mulch is the only available mulch during periods when straw should be used, apply at a minimum rate of 2000 lbs./ac. or 45 lbs./1000 sq. ft.



A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS
14555 AVON PARKWAY SUITE 150
CHANTILLY, VA 20151
PHONE (703) 817-1373
EMAIL: AMT1@AMTENGINEERING.COM

CONSULTANTS



Chelsea Bishop

DECONSTRUCTION OF VIRGINIA HOSPITAL CENTER COMPLEX - PHASE 2
601 SOUTH CARLIN SPRINGS ROAD
ARLINGTON, VA 22204

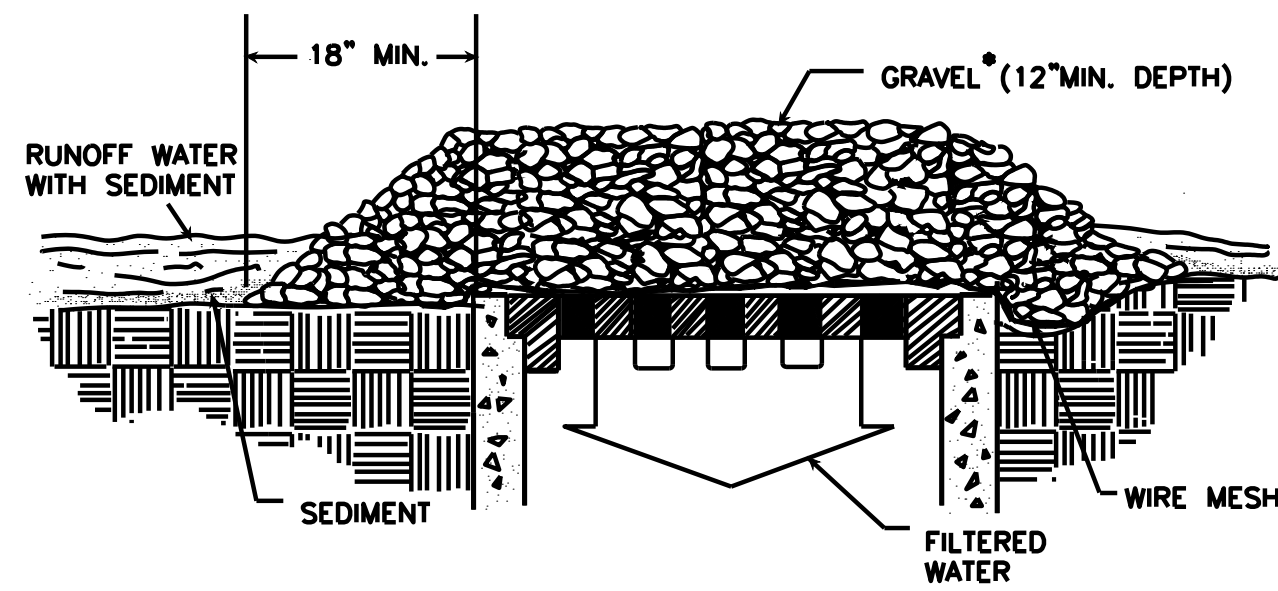
MARK	DATE	DESCRIPTION
	6/22/2022	BID SET

PROJECT NO: 19-0679.001
SCALE: N/A
DESIGNED BY: CMB
DRAWN BY: JES
CHECKED BY: JKS
SHEET TITLE

EROSION & SEDIMENT CONTROL NOTES

2-C-111
SHEET 15 OF 24

GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER



SPECIFIC APPLICATION

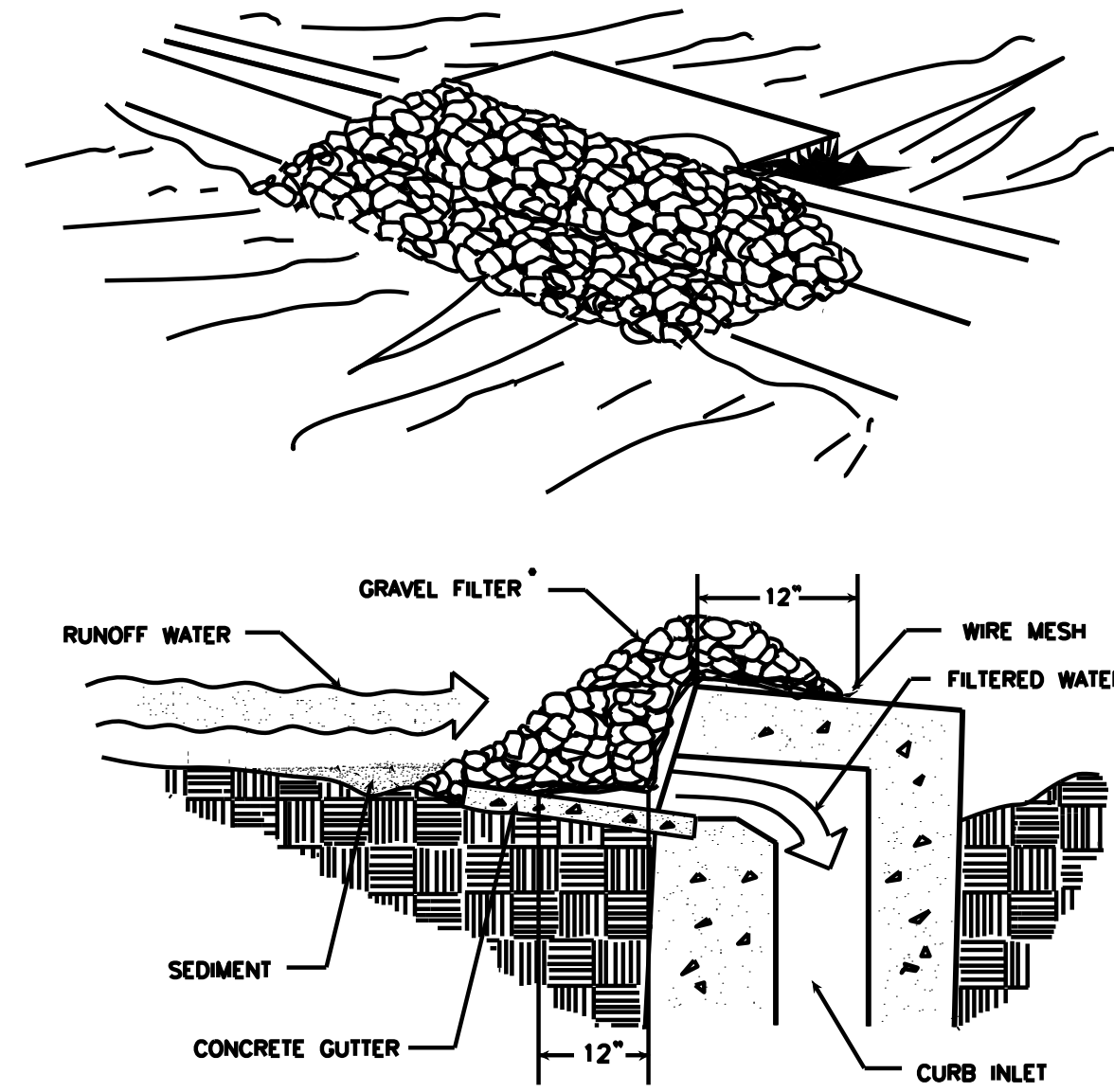
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

* GRAVEL SHALL BE VDOT #3, #357 OR #5 COARSE AGGREGATE.

SOURCE: VA. DSWC

PLATE 3.07-2

GRAVEL CURB INLET SEDIMENT FILTER



SPECIFIC APPLICATION

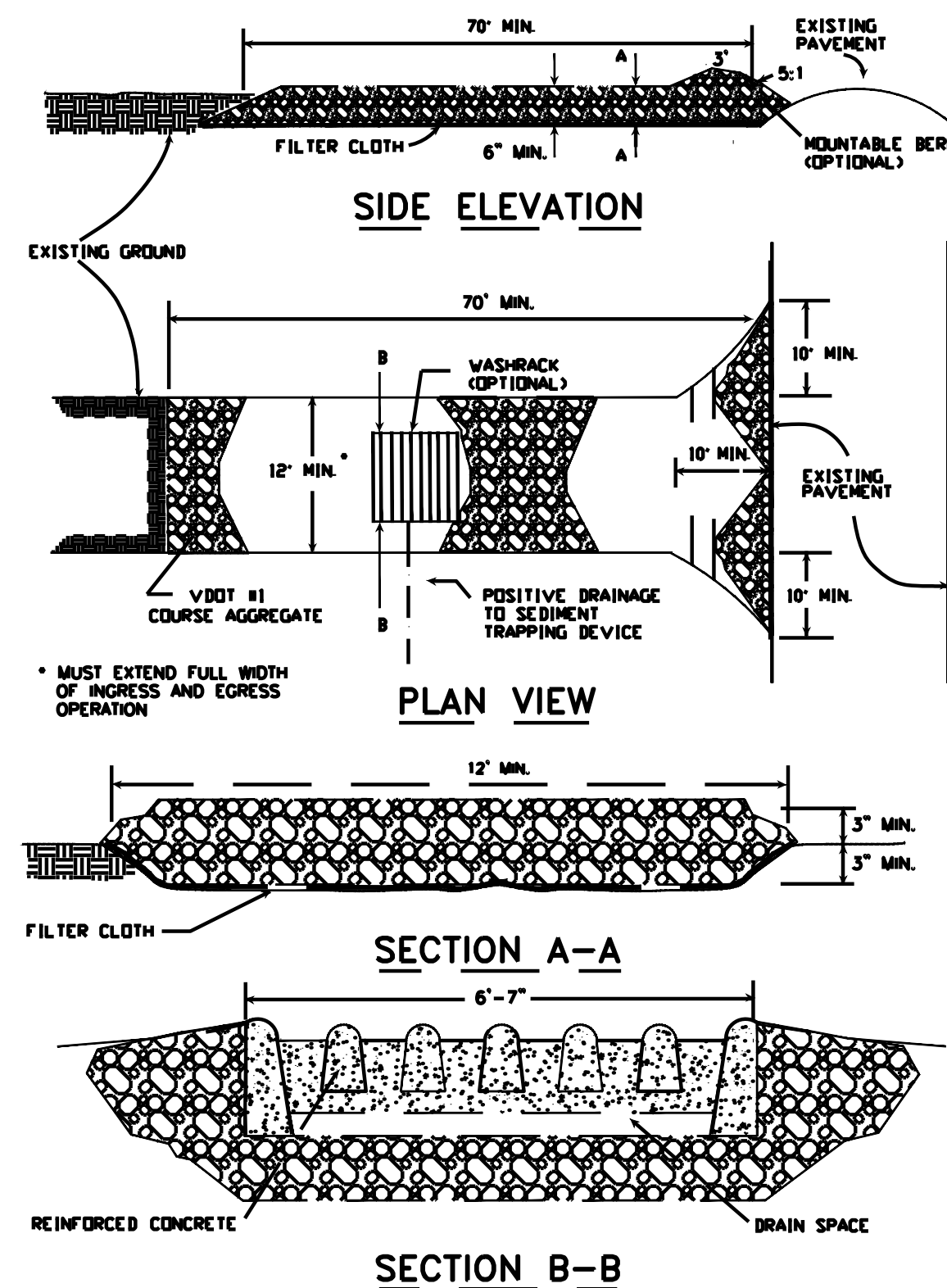
THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE PONDING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

* GRAVEL SHALL BE VDOT #3, #357 OR #5 COARSE AGGREGATE.

SOURCE: VA. DSWC

PLATE 3.07-6

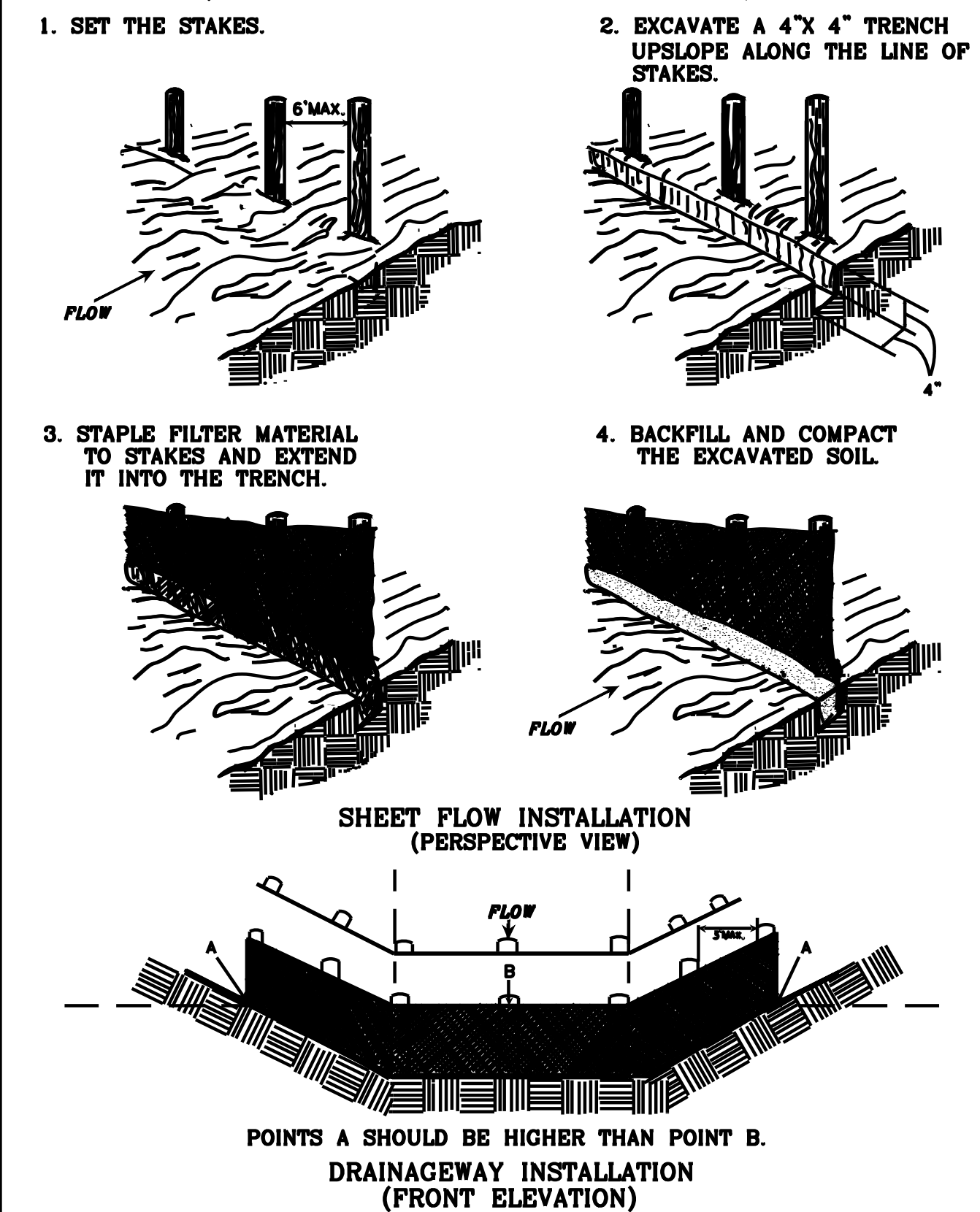
STONE CONSTRUCTION ENTRANCE



SOURCE: ADAPTED FROM 1983 Maryland Standards for Soil Erosion and Sediment Control, and Va. DSWC

PLATE 3.02-1

CONSTRUCTION OF A SILT FENCE (WITHOUT WIRE SUPPORT)



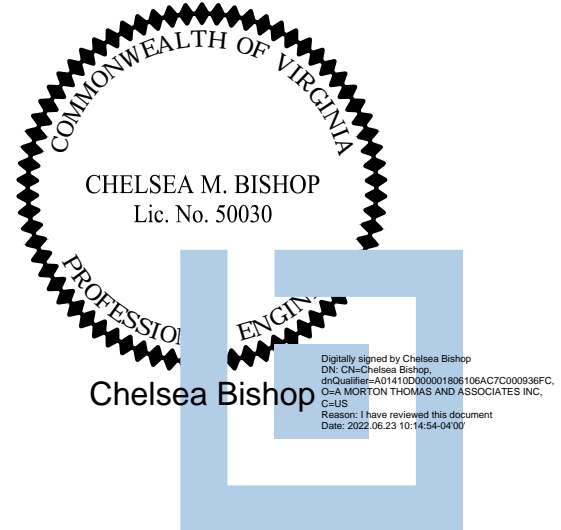
SOURCE: ADAPTED FROM Installation of Straw and Fabric Filter Barriers for Sediment Control, VA. DSWC Sherwood and Hyatt

PLATE 3.06-2



A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS
14555 AVION PARKWAY SUITE 150
CHANTILLY, VA 20151
PHONE (703) 817-1373
EMAIL: AMT1@AMTENGINEERING.COM

CONSULTANTS



DECONSTRUCTION OF VIRGINIA HOSPITAL CENTER COMPLEX - PHASE 2
601 SOUTH CARLIN SPRINGS ROAD
ARLINGTON, VA 22204

9/14/2020
date

Qianqian Li, P.E.
ESC Program Administrator
Department of Environmental Services
2100 Clarendon Boulevard, Suite 813
Arlington, Virginia 22201

Re: Erosion and Sediment Control Permit Application for:
601 S Carlin Springs Road
street address
RPC: 21-028-097
lot, block, section subdivision
SWM 20-0167; LDA20152
permit number

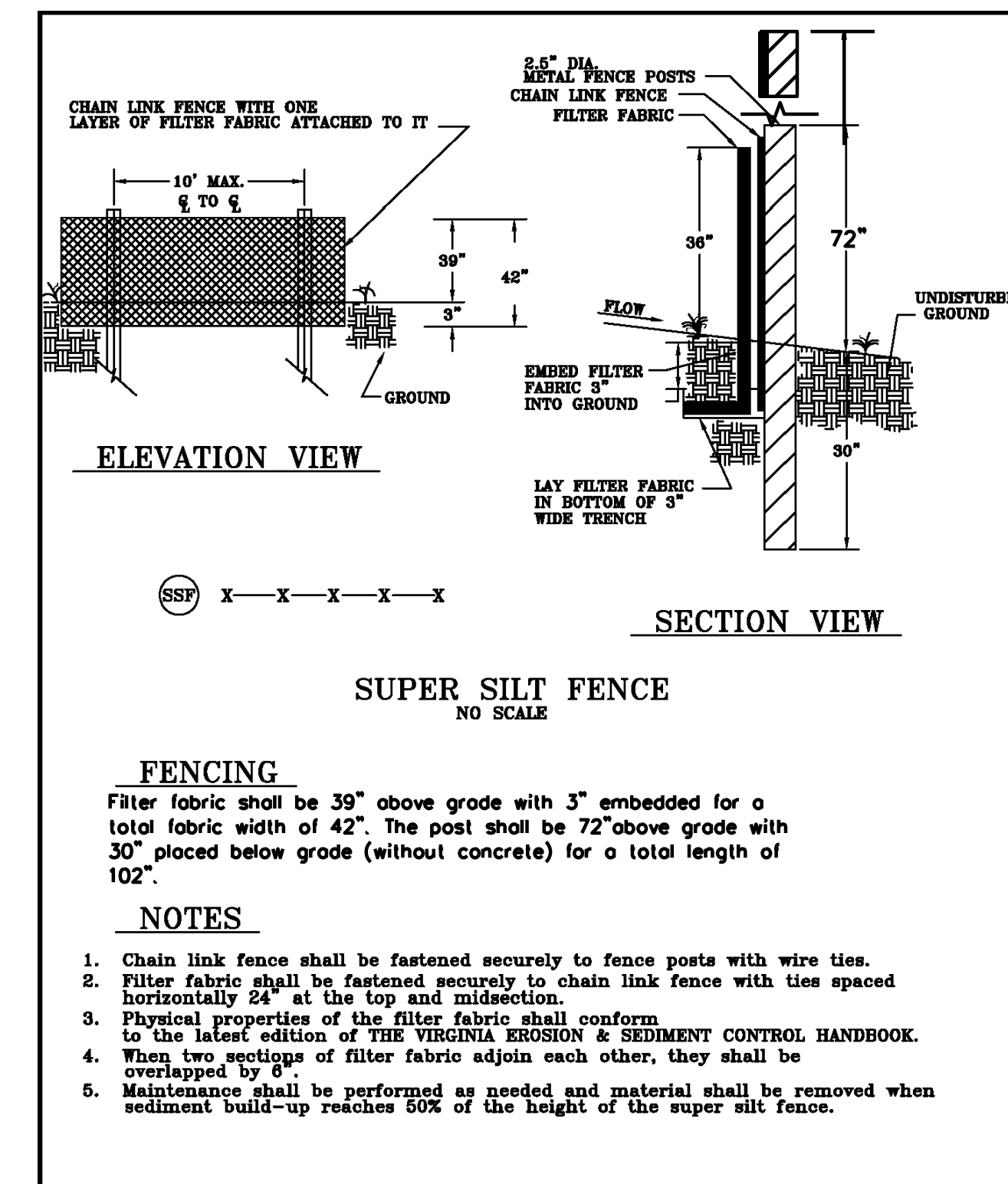
Dear Mrs. Li:

I hereby certify that I accept the responsibilities of Responsible Land Disturber for the above referenced project. I understand that these responsibilities include:

1. Reviewing the erosion and sedimentation (E&S) plan for the project.
2. Walking the site prior to construction to identify critical areas.
3. Conducting a pre-construction briefing with earth moving and site contractors to present the E&S plan and highlight the presence of critical areas, the limits of clearing and the required E&S controls and tree protection measures to be installed. Call 703-228-0760 to schedule pre-construction meeting.
4. Regularly inspecting the site during construction to ensure that all E&S controls are functioning and are adequate to address erosion and sedimentation. Inspect the site 48 hours after a runoff-generating storm, and provide a copy of the inspection findings to the county.
5. Reporting to the owner the presence inadequate or non functioning E&S controls when they are observed.
6. Ensuring that temporary soil stabilization is applied within 7 days to areas denuded that will remain undisturbed for longer than 14 days. Permanent stabilization shall be applied to areas that are to be left dormant for more than one year.
7. Calling (703) 228-0760 at least 80 hours before demolishing any structure.

I may be reached at 703-228-4375 with questions about this plan or my execution of the duties of Responsible Land Disturber.

Sincerely,
E. Mark Thraut
signed
EUSENIE MARK THRAUT
name printed
PROFESSIONAL ENGINEER (VA) #0402049879
professional registration (type and number)



SUPER SILT FENCE
NO SCALE

FENCING
Filter fabric shall be 39" above grade with 3" embedded for a total fabric width of 42". The post shall be 72" above grade with 30" placed below grade (without concrete) for a total length of 102".

- NOTES**
1. Chain link fence shall be fastened securely to fence posts with wire ties.
 2. Filter fabric shall be fastened securely to chain link fence with ties spaced horizontally 24" at the top and midsection.
 3. Physical properties of the filter fabric shall conform to the latest edition of THE VIRGINIA EROSION & SEDIMENT CONTROL HANDBOOK.
 4. When two settings of filter fabric adjoin each other, they shall be overlapped by 8".
 5. Maintenance shall be performed as needed and material shall be removed when sediment build-up reaches 50% of the height of the super silt fence.

SSF SUPER SILT FENCE DETAIL
NOT TO SCALE

MARK	DATE	DESCRIPTION
	6/22/2022	BID SET

PROJECT NO:	19-0679.001
SCALE:	N/A
DESIGNED BY:	CMB
DRAWN BY:	JES
CHECKED BY:	JKS
SHEET TITLE	

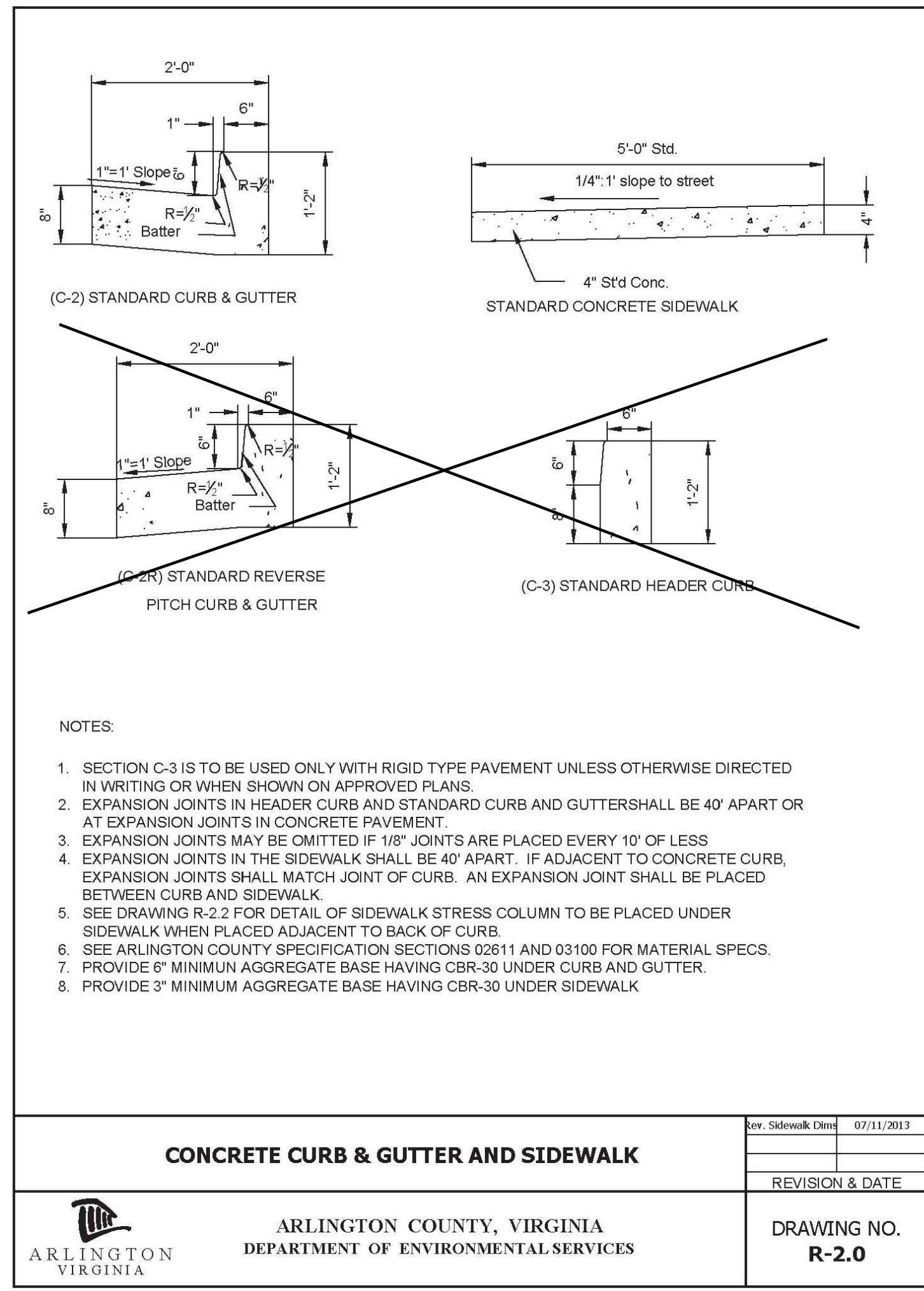
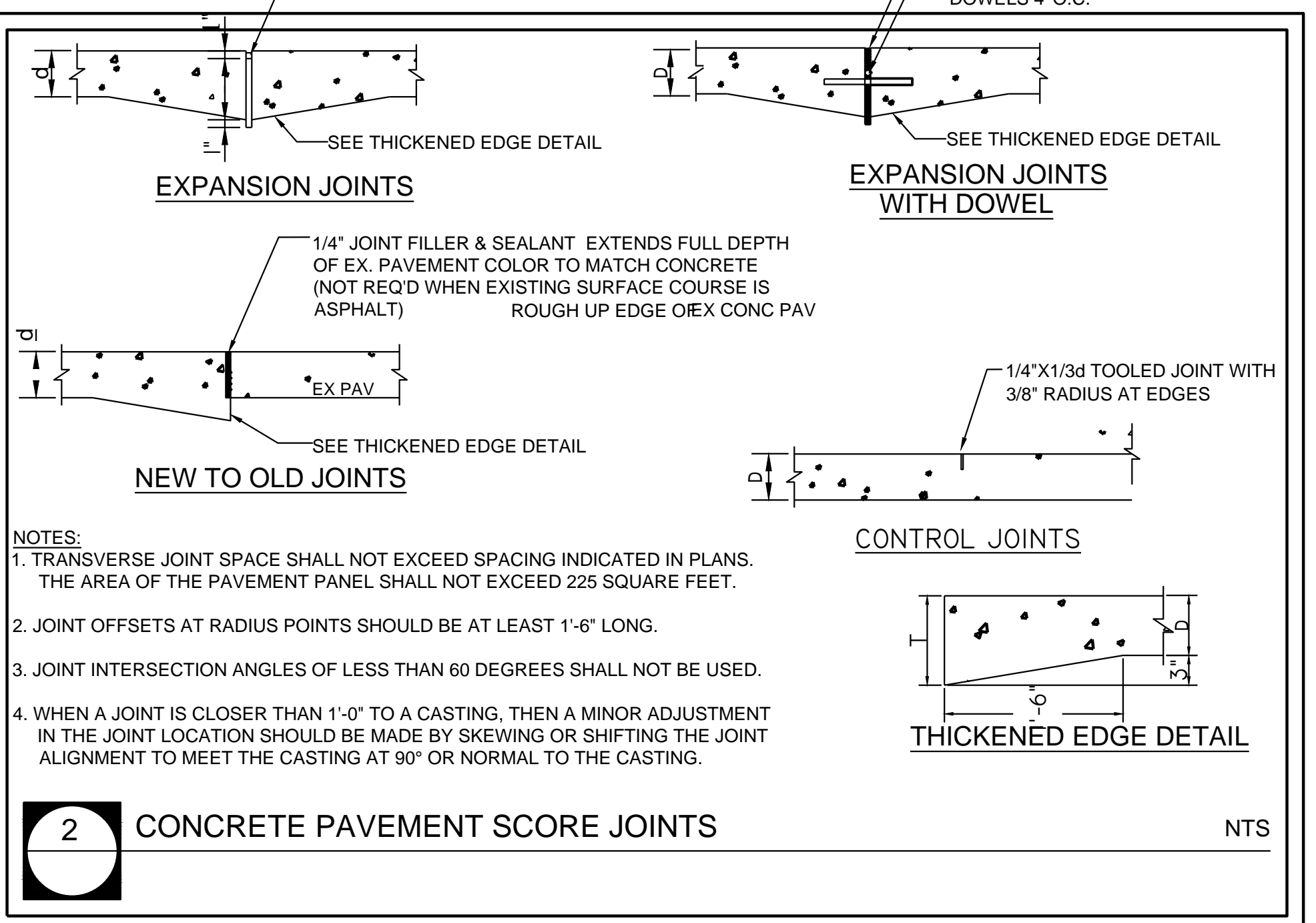
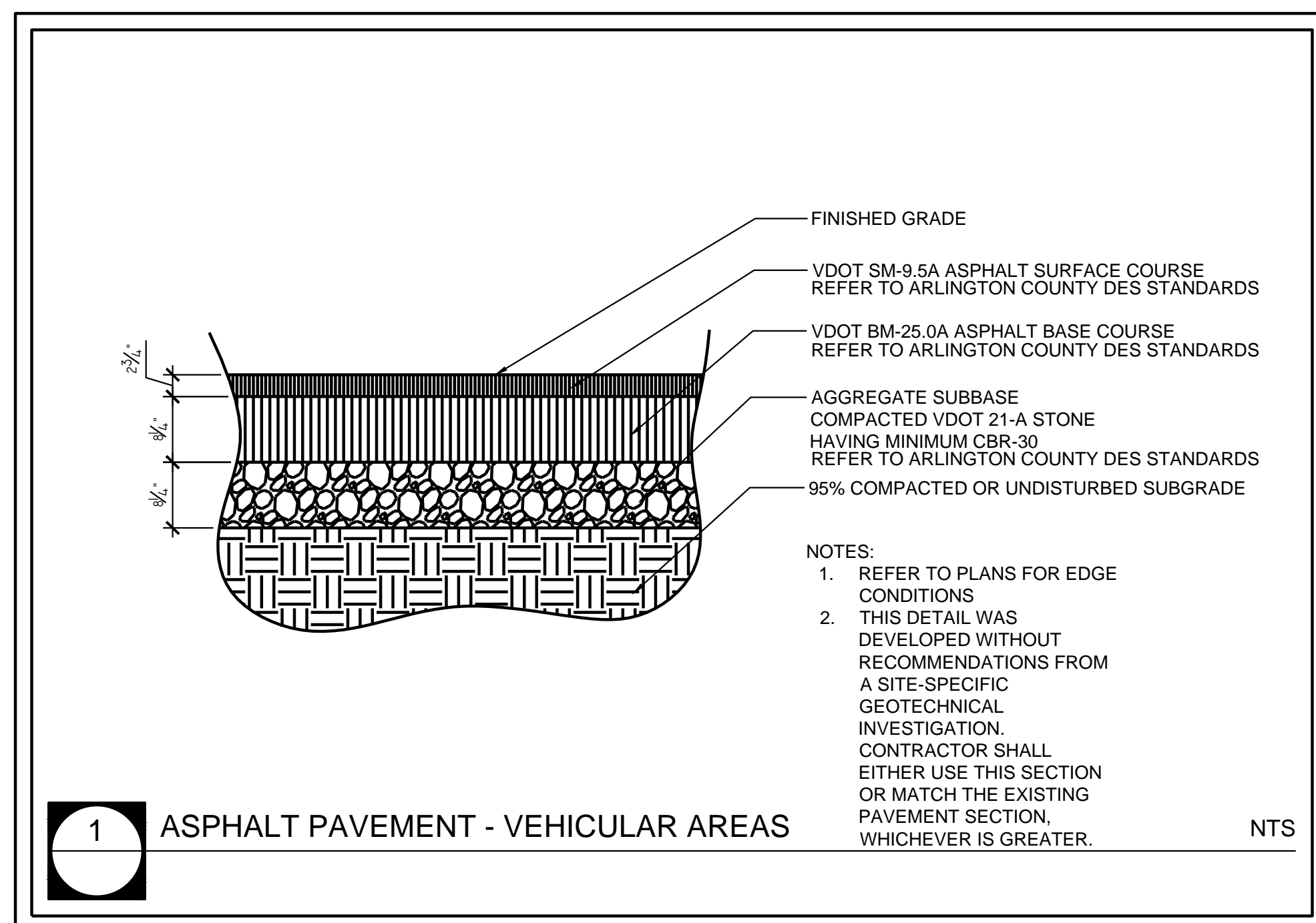
EROSION & SEDIMENT CONTROL DETAILS

2-C-112

CONSULTANTS



DECONSTRUCTION OF VIRGINIA HOSPITAL CENTER COMPLEX - PHASE 2
 601 SOUTH CARLIN SPRINGS ROAD
 ARLINGTON, VA 22204



MARK	DATE	DESCRIPTION
	6/22/2022	BID SET

PROJECT NO:	19-0679.001
SCALE:	N/A
DESIGNED BY:	CMB
DRAWN BY:	JES
CHECKED BY:	JKP

SHEET TITLE

SITE DETAILS



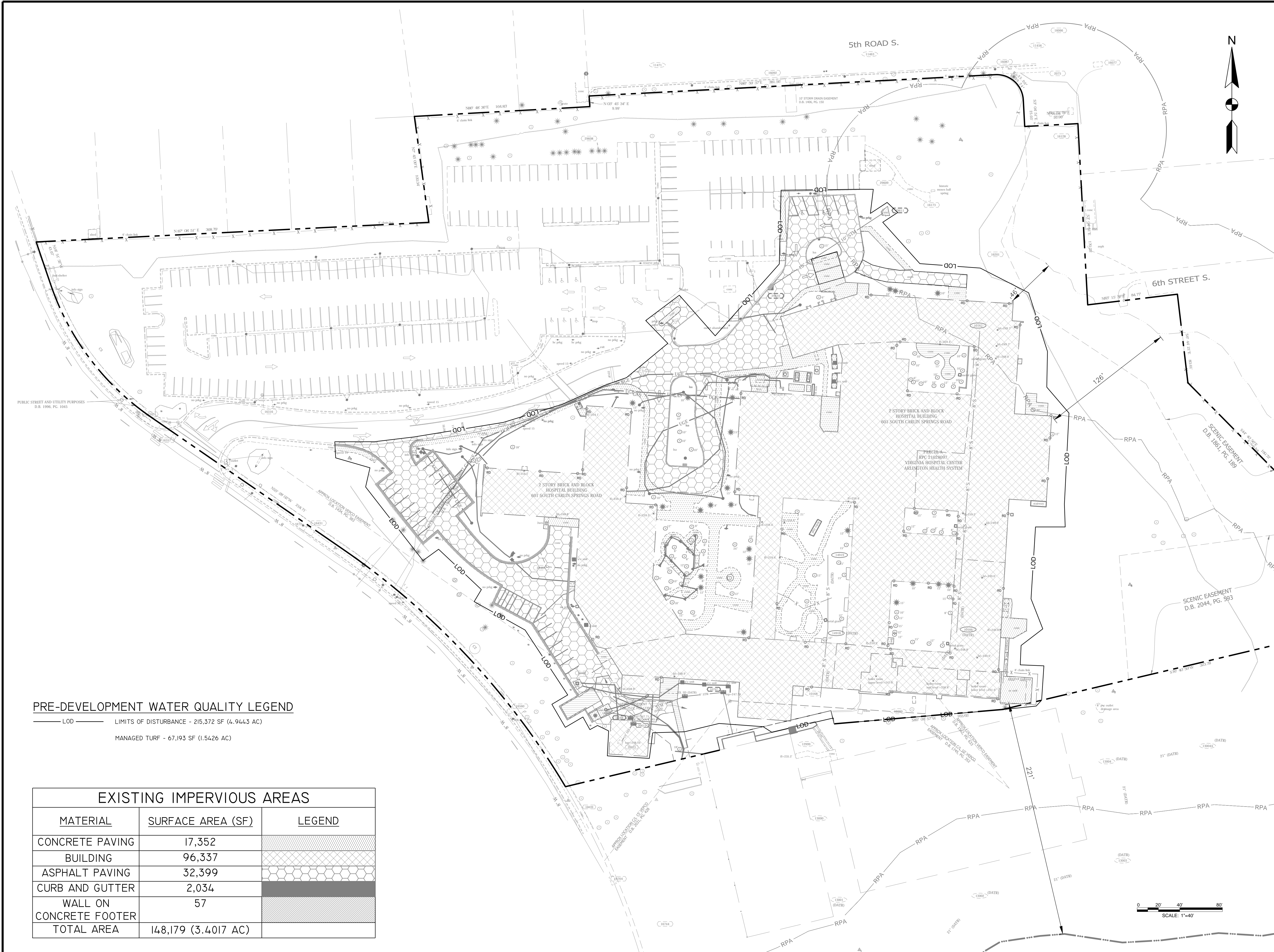
A. MORTON THOMAS AND ASSOCIATES, INC.
 CONSULTING ENGINEERS
 14555 AVION PARKWAY SUITE 150
 CHANTILLY, VA 20151
 PHONE (703) 817-1373
 EMAIL: AMT1@AMTENGINEERING.COM

CONSULTANTS



Chelsea Bishop

**DECONSTRUCTION OF
 VIRGINIA HOSPITAL
 CENTER COMPLEX
 - PHASE 2**
 601 SOUTH CARLIN SPRINGS ROAD
 ARLINGTON, VA 22204



PRE-DEVELOPMENT WATER QUALITY LEGEND

LOD LIMITS OF DISTURBANCE - 215,372 SF (4.9443 AC)
 MANAGED TURF - 67,193 SF (1.5426 AC)

EXISTING IMPERVIOUS AREAS		
MATERIAL	SURFACE AREA (SF)	LEGEND
CONCRETE PAVING	17,352	[Pattern]
BUILDING	96,337	[Pattern]
ASPHALT PAVING	32,399	[Pattern]
CURB AND GUTTER	2,034	[Pattern]
WALL ON CONCRETE FOOTER	57	[Pattern]
TOTAL AREA	148,179 (3.4017 AC)	

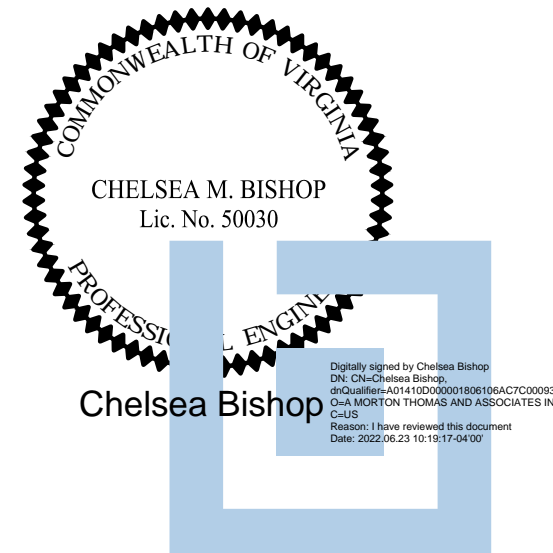
MARK	DATE	DESCRIPTION
	6/22/2022	BID SET

PROJECT NO: 19-0679.001
 SCALE: 1"=40'
 DESIGNED BY: CMB
 DRAWN BY: JES
 CHECKED BY: JKS

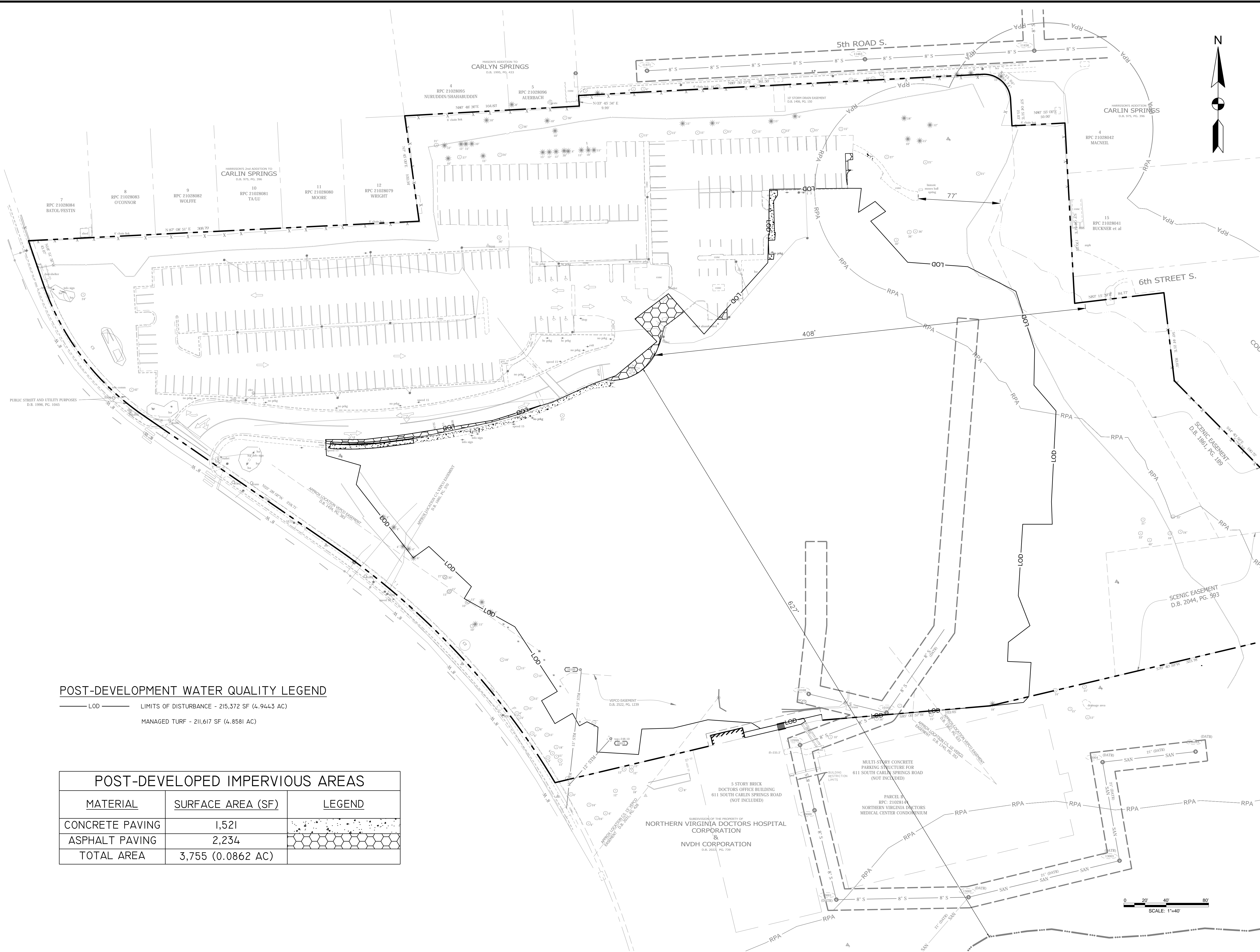
**PRE-DEVELOPMENT
 WATER QUALITY MAP**

2-C-701

CONSULTANTS



DECONSTRUCTION OF VIRGINIA HOSPITAL CENTER COMPLEX - PHASE 2
601 SOUTH CARLIN SPRINGS ROAD
ARLINGTON, VA 22204



POST-DEVELOPMENT WATER QUALITY LEGEND

LOD LIMITS OF DISTURBANCE - 215,372 SF (4.9443 AC)
MANAGED TURF - 211,617 SF (4.8581 AC)

POST-DEVELOPED IMPERVIOUS AREAS		
MATERIAL	SURFACE AREA (SF)	LEGEND
CONCRETE PAVING	1,521	
ASPHALT PAVING	2,234	
TOTAL AREA	3,755 (0.0862 AC)	

MARK	DATE	DESCRIPTION
	6/22/2022	BID SET

PROJECT NO:	19-0679.001
SCALE:	1"=40'
DESIGNED BY:	CMB
DRAWN BY:	JES
CHECKED BY:	JKS
SHEET TITLE	

POST-DEVELOPMENT WATER QUALITY MAP

2-C-702

WATER QUALITY NARRATIVE

THE SITE IS DEFINED BY THE TOTAL APPLICABLE AREA WITHIN THE LIMITS OF DISTURBANCE OF 215,372 SF OR 4.9443 ACRES. THE IMPERVIOUS AREA FOR THE EXISTING CONDITION IS 3.4017 ACRES (68.8%) AND 0.0862 ACRES (1.7%) FOR THE PROPOSED CONDITION. THE PLANS DO NOT PROPOSE ANY STORMWATER MANAGEMENT FACILITIES DUE TO THE DECREASE IN IMPERVIOUS AREA.

Project Name: **VIRGINIA HOSPITAL CENTER DEMOLITION (PHASE 2)**
 Date: **3/8/2021**
 Linear Development Project? **No**

Site Information

Enter Total Disturbed Area (acres) → **4.9443**

Check: **BMP Design Specifications List: 2013 Draft Sids & Specs**
 Linear project? **No**
 Land cover areas entered correctly? **✓**
 Total disturbed area entered? **✓**
TP LOAD REDUCTION NOT REQUIRED

Minimum reduction required: **20%**
 The site's net increase in impervious cover (acres) is: **0.0000**
 Post-Development TP Load Reduction for Site (lb/yr): **-3.6432**

Pre-Development Land Cover (acres)	A Soils	B Soils	C Soils	D Soils	Totals
Forest/Open Space (acres) - undisturbed, forest/open space or reforested land					0.0000
Managed Turf (acres) - disturbed, graded for yards or other turf to be mowed/managed			1.5426		1.5426
Impervious Cover (acres)			3.4017		3.4017
Totals					4.9443

Post-Development Land Cover (acres)	A Soils	B Soils	C Soils	D Soils	Totals
Forest/Open Space (acres) - undisturbed, forest/open space or reforested land					0.0000
Managed Turf (acres) - disturbed, graded for yards or other turf to be mowed/managed			4.8581		4.8581
Impervious Cover (acres)			0.0862		0.0862
Totals					4.9443

Area Check: **OK**

Runoff Coefficients (Rv)	A Soils	B Soils	C Soils	D Soils
Forest/Open Space	0.10	0.03	0.04	0.05
Managed Turf	0.15	0.20	0.22	0.25
Impervious Cover	0.95	0.95	0.95	0.95

Constants: Annual Rainfall (inches): **43**
 Target Rainfall Event (inches): **1.00**
 Total Phosphorus (TP) LMK (mg/L): **0.26**
 Total Nitrogen (TN) LMK (mg/L): **1.86**
 Target TP Load (lb/acre/yr): **0.43**
 Pj (unitless correction factor): **0.90**

LAND COVER SUMMARY - PRE-REDEVELOPMENT	LAND COVER SUMMARY - POST DEVELOPMENT
Pre-Development Land Cover (acres): 4.9443	Post-Development Land Cover (acres): 4.9443
Impervious Cover (acres): 3.4017	Impervious Cover (acres): 0.0862
Final Site Area (acres): 4.9443	Final Site Area (acres): 4.9443
Final Post-Development TP Load (lb/yr): 0.0000	Final Post-Development TP Load (lb/yr): 2.9568
TP Load Reduction Required (lb/yr): -3.6432	TP Load Reduction Required (lb/yr): 0

Post-Development Requirement for Site Area
 TP Load Reduction Required (lb/yr): **-3.6432** ** TP LOAD REDUCTION NOT REQUIRED

Runoff Volume and Curve Number Calculations

Enter design storm rainfall depths (in):
 1-year storm: **2.60** 2-year storm: **3.65** 10-year storm: **4.83**

Use NOAA Atlas 14 (<http://hdsc.nws.noaa.gov/hdsc/bf/bf5/>)

***Notes (see below):**

[1] The curve numbers and runoff volumes computed in this spreadsheet for each drainage area are limited in their applicability for determining and demonstrating compliance with water quality requirements. See VRRM User's Guide and Documentation for additional information.

[2] Runoff Volume (RV) for pre- and post-development drainage areas must be in volumetric units (e.g., acre-feet or cubic feet) when using the Energy Balance Equation. Runoff measured in watershed-inches and shown in the spreadsheet as RV(watershed-inch) can only be used in the Energy Balance Equation when the pre- and post-development drainage areas are equal. Otherwise RV(watershed-inch) must be multiplied by the drainage area.

[3] Adjusted CNs are based on runoff reduction volumes as calculated in D.A. tabs. An alternative CN adjustment calculation for Vegetated Roofs is included in BMP specification No. 5.

Drainage Area Curve Numbers and Runoff Depths*
 Curve numbers (CN, Cnad) and runoff depths (RV_{developed}) are computed with and without reduction practices.

Drainage Area A	A Soils	B Soils	C Soils	D Soils	Total Area (acres):
Forest/Open Space - undisturbed, protected forest/open space or reforested land	0.0000	0.0000	0.0000	0.0000	4.9443
Managed Turf - disturbed, graded for yards or other turf to be mowed/managed	0.0000	0.0000	0.0000	4.8581	
Impervious Cover	0.0000	0.0000	0.0000	0.0862	
Totals					4.9443

RV _{developed} (watershed-inch) with no Runoff Reduction*	1-year storm	2-year storm	10-year storm
RV _{developed} (watershed-inch) with Runoff Reduction* <td>0.9587</td> <td>1.7562</td> <td>2.7451</td>	0.9587	1.7562	2.7451
Adjusted CN* <td>80</td> <td>80</td> <td>80</td>	80	80	80

*See Notes above

WATER QUANTITY NARRATIVE

PER THE ARLINGTON COUNTY CODE, CHAPTER 60, AND THE ARLINGTON COUNTY STORMWATER MANAGEMENT GUIDEBOOK, MARCH 2020 VERSION, THE DEVELOPED SITE SHALL PASS THE 1-YEAR AND 10-YEAR 24-HOUR PEAK FLOW RATES UTILIZING THE ENERGY BALANCE METHOD. BOTH THE 1-YEAR AND 10-YEAR POST-DEVELOPMENT FLOWS ARE LESS THAN THE PRE-DEVELOPMENT CONDITION. THEREFORE, THE ENERGY BALANCE REQUIREMENTS FOR CHANNEL AND FLOOD PROTECTION ARE MET FOR THIS DEVELOPMENT.

IT IS THE ENGINEER'S OPINION THAT THE IMPROVEMENTS PROPOSED WITH THIS APPLICATION WILL HAVE NO ADVERSE IMPACT TO THE ADJACENT PROPERTIES.

PER FEMA FLOODPLAIN MAP 51013C0057C, DATED AUGUST 19, 2013, THIS PROJECT IS OUTSIDE THE FLOODPLAIN.

THERE ARE RESOURCE PROTECTION AREAS LOCATED ON THE SUBJECT PROPERTY PER ARLINGTON COUNTY GIS DATA. REFER TO SHEET 2-C-704 FOR WATER QUALITY IMPACT ANALYSIS.

SWM Water Quantity Energy Balance Worksheet

SITE AREA (acre)	1-year		10-year	
	PRE	POST (adjusted)	PRE	POST (adjusted)
P	2.61	2.61	4.85	4.85
CN	92	80	92	80
S=1000/CN-10	0.87	2.50	0.87	2.50
0.2S	0.17	0.50	0.17	0.50
RV=(P-0.2S) ² /(P-0.2S)+S	1.80	0.97	3.94	2.76

QPost Development <= I.F.* (Qpre-development* RVpre-development)/RVDeveloped

I.F. **0.8**

CHANNEL PROTECTION (1-YEAR)	
Qpre-development	13.33
QPost Development	7.09
RVPost Development (with runoff reduction)	0.9587
Qallowable	19.97

Qallowable/QPost Development: **2.82**
 Vs/Vr: **0.00**
 Vs: **0.00**
 Storage required (cf): **0**

FLOOD CONTROL (10-YEAR)	
Qpre-development	28.21
QPost Development	20.83
RVPost Development (with runoff reduction)	2.7451
Qallowable	40.52

Qallowable/QPost Development: **1.95**
 Vs/Vr: **0.00**
 Vs: **0.00**
 Storage required (cf): **0**

Site Results (Water Quality Compliance)

Area Checks	D.A. A	D.A. B	D.A. C	D.A. D	D.A. E	AREA CHECK
FOREST/OPEN SPACE (ac)	0.0000	0.0000	0.0000	0.0000	0.0000	OK
IMPERVIOUS COVER (ac)	0.0862	0.0000	0.0000	0.0000	0.0000	OK
IMPERVIOUS COVER TREATED (ac)	0.0000	0.0000	0.0000	0.0000	0.0000	OK
MANAGED TURF AREA (ac)	4.8581	0.0000	0.0000	0.0000	0.0000	OK
MANAGED TURF AREA TREATED (ac)	0.0000	0.0000	0.0000	0.0000	0.0000	OK
AREA CHECK	OK.	OK.	OK.	OK.	OK.	

Site Treatment Volume (ft³): **4,705.9865**

Runoff Reduction Volume and TP By Drainage Area

	D.A. A	D.A. B	D.A. C	D.A. D	D.A. E	TOTAL
RUNOFF REDUCTION VOLUME ACHIEVED (ft ³)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TP LOAD AVAILABLE FOR REMOVAL (lb/yr)	2.9568	0.0000	0.0000	0.0000	0.0000	2.9568
TP LOAD REDUCTION ACHIEVED (lb/yr)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TP LOAD REMAINING (lb/yr)	2.9568	0.0000	0.0000	0.0000	0.0000	2.9568
NITROGEN LOAD REDUCTION ACHIEVED (lb/yr)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total Phosphorus

FINAL POST-DEVELOPMENT TP LOAD (lb/yr)	2.9568
TP LOAD REDUCTION REQUIRED (lb/yr)	-3.6432
TP LOAD REMAINING (lb/yr)	0.0000
TP LOAD REMAINING (lb/yr)	2.9568
REMAINING TP LOAD REDUCTION REQUIRED (lb/yr):	0.0000 **

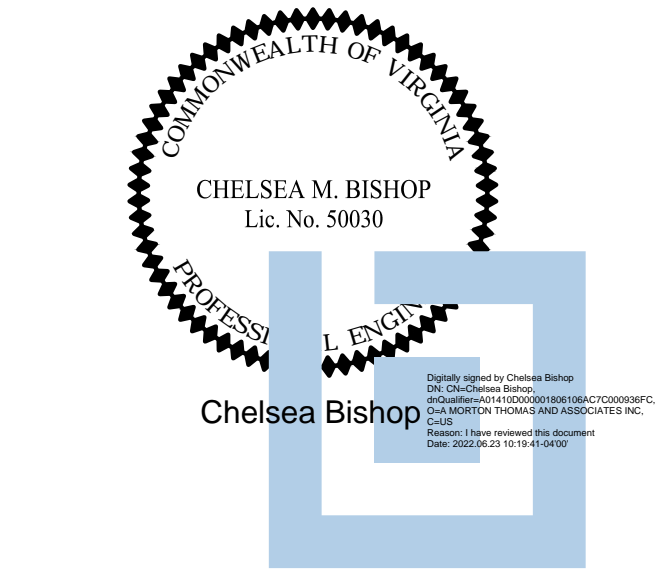
** TARGET TP REDUCTION EXCEEDED BY 3.6432 LB/YEAR **

Total Nitrogen (For Information Purposes)

POST-DEVELOPMENT LOAD (lb/yr)	21.1522
NITROGEN LOAD REDUCTION ACHIEVED (lb/yr)	0.0000
REMAINING POST-DEVELOPMENT NITROGEN LOAD (lb/yr)	21.1522



CONSULTANTS



DECONSTRUCTION OF VIRGINIA HOSPITAL CENTER COMPLEX - PHASE 2
 601 SOUTH CARLIN SPRINGS ROAD
 ARLINGTON, VA 22204

MARK	DATE	DESCRIPTION
	6/22/2022	BID SET

PROJECT NO: 19-0679.001
 SCALE: 1"=40'
 DESIGNED BY: CMB
 DRAWN BY: JES
 CHECKED BY: JKS

STORMWATER MANAGEMENT NARRATIVES & CALCULATIONS



A. MORTON THOMAS AND ASSOCIATES, INC.
 CONSULTING ENGINEERS
 14555 AVION PARKWAY SUITE 150
 CHANTILLY, VA 20151
 PHONE (703) 817-1373
 EMAIL: AMT1@AMTEENGINEERING.COM

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DECONSTRUCTION OF VIRGINIA HOSPITAL CENTER COMPLEX - PHASE 2
 601 SOUTH CARLIN SPRINGS ROAD
 ARLINGTON, VA 22204

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SHEET TITLE		

LANDSCAPE CONSERVATION PLAN

2-L-101

SHEET 23 OF 24

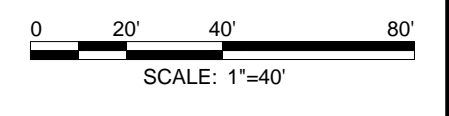


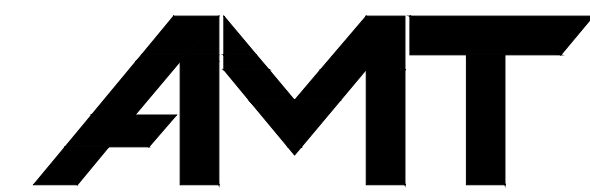
PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL
	CP	14	CELTIS OCCIDENTALIS / HACKBERRY	B & B	2-2.5" CAL.
	LH	10	LIQUIDAMBAR STYRACIFLUA / SWEET GUM	B & B	2-2.5" CAL.
	NW	13	NYSSA SYLVATICA / BLACK GUM	B & B	2-2.5" CAL.
	OV	16	OSTRYA VIRGINIANA / AMERICAN HOPHORNBEAM	B & B	2-2.5" CAL.
	PO	12	PLATANUS OCCIDENTALIS / AMERICAN SYCAMORE	B & B	2-2.5" CAL.
	OA	11	QUERCUS ALBA / WHITE OAK	B & B	2-2.5" CAL.
	OB	11	QUERCUS BICOLOR / SWAMP WHITE OAK	B & B	2-2.5" CAL.
	OP	11	QUERCUS PHELLOS / WILLOW OAK	B & B	2-2.5" CAL.
	OR	16	QUERCUS RUBRA / RED OAK	B & B	2-2.5" CAL.
	TL	18	TILIA AMERICANA / AMERICAN LINDEN	B & B	2-2.5" CAL.

GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	CONT
	SED	214,869 SF	SEED MIX ERNM-X181 OR APPROVED EQUAL. USE ANNUAL RYE, GRAIN OATS, OR GRAIN RYE COVER CROP DEPENDING ON TIME OF YEAR	AREA

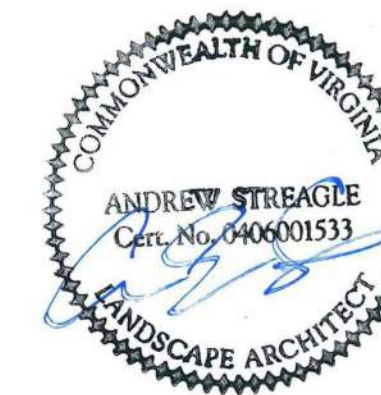
PARCEL SIZE	503,996
TREE CANOPY REQUIRED (10%)	50,400
EXISTING FOREST CANOPY	51,549
LARGE CANOPY TREE CANOPY CONSERVED (2X BONUS)	N/A
SMALL CANOPY TREE CANOPY CONSERVED	N/A
TREE CANOPY REMAINING TO PLANT	N/A
TREE CANOPY PLANTED	0





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EMAIL: AMT1@AMTENGINEERING.COM

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DECONSTRUCTION OF
VIRGINIA HOSPITAL
CENTER COMPLEX
- PHASE 2

601 SOUTH CARLIN SPRINGS ROAD
ARLINGTON, VA 22204

PLANTING GENERAL NOTES

- THIS PLAN IS FOR PLANTING PURPOSES ONLY, AND ANY OTHER INFORMATION SHOWN IS FOR REFERENCE ONLY. SEE SITE PLAN FOR INFORMATION ABOUT ALL LAYOUT, GRADING AND OTHER SITE IMPROVEMENTS.
- CALL MISS UTILITY AT 811 OR 1-800-257-7777 TO MARK UTILITIES AT LEAST 48 HOURS BEFORE DIGGING.
- ALL MATERIALS AND PLANTING PROCEDURES EXCEPT AS OTHERWISE NOTED SHALL CONFORM TO THE LATEST EDITION OF "LANDSCAPE SPECIFICATION GUIDELINES" BY THE LANDSCAPE CONTRACTORS ASSOCIATION MD-DC-VA.
- PLANTS SHALL CONFORM TO THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, (ANSI Z60.1)
- PLANT NAMES SHALL BE THOSE GIVEN IN THE LATEST EDITION OF STANDARD PLANT NAMES, AMERICAN COMMITTEE ON HORTICULTURAL NOMENCLATURE.
- TOPSOIL SHALL MEET SPECIFICATIONS AS PER THE DEQ VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.
- THE CONTRACTOR SHALL SUBMIT REPRESENTATIVE SOIL SAMPLES FROM BOTH IN-SITU SOILS AND SOILS BROUGHT IN FROM OFF-SITE TO A STATE LICENSED TESTING LABORATORY. THE CONTRACTOR SHALL INCORPORATE OR APPLY SOIL AMENDMENTS AND FERTILIZATION BASED UPON RESULTS OF THE SOIL TESTS AND RECOMMENDATIONS BY THE TEST LAB.
- THE CONTRACTOR SHALL APPLY GRASS ACCORDING TO THE DEQ VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK. DO NOT USE KENTUCKY 31 TALL FESCUE.
- THE CONTRACTOR SHALL STAKE OUT ALL PLANTING BEDS AND TREE LOCATIONS AND THESE MUST BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER BEFORE DIGGING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND COORDINATE PLANTINGS WITH ALL EXISTING UTILITIES. IF DISCREPANCIES OCCUR BECAUSE OF UTILITY LOCATIONS OR OTHER EXISTING CONDITIONS THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY TO COORDINATE ANY NECESSARY ADJUSTMENTS.
- ALL PLANT MATERIAL SHALL BE LABELED BY THE NURSERY AND DELIVERED WITH LABELS IN PLACE FOR INSPECTION. SUBSTITUTIONS IN PLANT SPECIES OR SIZE WILL NOT BE PERMITTED EXCEPT WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT OR OWNER. PRUNING IS NOT TO OCCUR UNTIL MATERIAL HAS BEEN PLANTED. CONTRACTOR SHALL PRUNE PLANT MATERIAL AS SOON THEREAFTER AS IS ADVISABLE UNDER STANDARD HORTICULTURAL PRACTICES.
- IT IS OF UTMOST IMPORTANCE THAT ALL PLANT MATERIAL BE SET SLIGHTLY HIGHER IN RELATION TO GRADE THAN IT WAS GROWN IN THE NURSERY AND WITH GOOD EARTH TO ROOT CONTACT. ANY MATERIALS OR WORK MAY BE REJECTED BY THE LANDSCAPE ARCHITECT IF IT DOES NOT MEET THIS OR ANY OTHER REQUIREMENT OF THE SPECIFICATIONS, AND REJECTED MATERIALS SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL MULCH AND WATER ALL PLANTS WELL ON THE DAY THEY ARE PLANTED. THE SURFACE MULCH LAYER SHALL CONSIST OF STANDARD FINE SHREDDED AGED HARDWOOD MULCH. THE CONTRACTOR SHALL APPLY THE MULCH UNIFORMLY TO A 2 TO 3 INCH DEPTH. BARK SHALL BE KEPT 3 TO 4 INCHES AWAY FROM ALL TRUNKS AND WOODY STEMS.
- IN CASE OF DISCREPANCIES BETWEEN QUANTITIES ON THE PLANT LIST AND THE PLAN, THE PLAN SHALL GOVERN.
- SEED OR SOO BARE AREAS AS DIRECTED BY OWNER FOR ALL DISTURBED AREAS TO BE STABILIZED THAT ARE NOT LANDSCAPED OR COVERED.
- ANY PLANTING WITHIN A FOREST RETENTION AREA, AS DESIGNATED ON THE FOREST CONSERVATION PLAN AND SHOWN ON THIS PLAN, MUST BE DONE TO AVOID ANY ADVERSE IMPACT TO THE ROOTS OF EXISTING TREES. THE CONTRACTORS PERFORMING WORK ON THE SITE ARE RESPONSIBLE FOR PROTECTING EXISTING NATIVE AND NON-INVASIVE PLANTINGS DURING CONSTRUCTION.
- ALL TREES PLANTED SHALL BE WATERED FOR 2 YEARS FROM PLANTING COMPLETION.

NOTES

1. AT PLANTING PRUNE ONLY CROSSING LIMBS, BROKEN OR DEAD BRANCHES, AND ANY BRANCHES THAT POSE A HAZARD TO PEDESTRIANS per ANSI STANDARD A300. DO NOT PRUNE INTO OLD WOOD ON EVERGREENS.

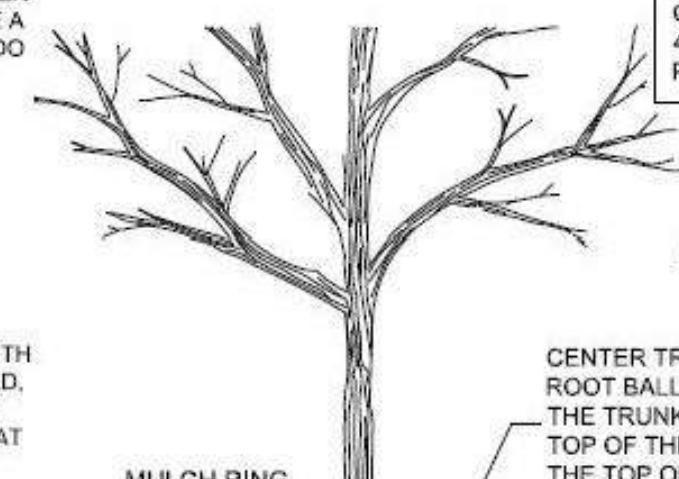
2. CONTRACTOR SHALL MAXIMIZE EXCAVATED AREA FOR TREE PIT WITHOUT ADVERSELY IMPACTING ADJACENT SITE FEATURES.

3. UNLESS OTHERWISE DIRECTED BY ARLINGTON COUNTY URBAN FORESTER, BACKFILL SOIL MIXTURE WILL BE 3/4 EXISTING SOIL CLEANED OF DEBRIS (GRAVEL, ROCKS, STICKS, TRASH, ETC.) AND MIXED WITH 1/4 ORGANIC MATERIAL (COMPOSTED BARK, LEAF MOLD, OR OTHER PLANT DEBRIS PROCESSED TO A POINT OF DECAY AND APPROVED BY THE URBAN FORESTER; PEAT MOSS SHALL NOT BE USED).

4. CONTRACTOR SHALL LEGALLY REMOVE EXCESS SOIL & DEBRIS FROM SITE.

5. TREES PLANTED WITHOUT THE TRUNK FLARE VISIBLE WILL BE REJECTED.

6. TREES MAY ONLY BE STAKED IF REQUIRED BY THE COUNTY URBAN FORESTER, REFER TO STAKING DETAILS.



ALL PLANTS MUST BE WATERED TWICE: ONCE AT INSTALLATION AND AGAIN WITHIN 48-HOURS OF INSTALLATION, PER THE SPECIFICATIONS.

THIS DETAIL SUPERSEDES ALL OTHER TREE PLANTING DETAILS IN ARLINGTON COUNTY.

CENTER TREE IN PIT AND SET TOP OF ROOT BALL 2 IN. ABOVE ADJACENT GRADE. THE TRUNK FLARE SHALL BE VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.

4 IN. HIGH EARTH SAUCER BEYOND EDGE OF ROOT BALL

REMOVE ALL TWINE, ROPE, WIRE, AND BURLAP FROM TOP 2/3 OF ROOT BALL

TAMP SOIL AROUND ROOT BALL BASE FIRMLY WITH FOOT PRESSURE SO THAT ROOT BALL DOES NOT SHIFT

UNDISTURBED SUBGRADE

3 IN. SHREDDED HARDWOOD MULCH; MULCH MUST BE 6 IN. AWAY FROM TREE TRUNK

ROUGHEN SIDES OF PLANTING HOLE BACKFILL SOIL MIXTURE FOR ENTIRE TREE PIT AREA X ROOTBALL DEPTH SOIL SHALL BE FIRMED IN 8" LIFTS

MULCH RING (6 FT.) DIAM. MIN.

MIN WIDTH OF TREE PIT 1/2 TIMES ROOTBALL DIAMETER OR 5'-0", WHICHEVER IS GREATER

TREE PLANTING DETAIL

FOR OPEN PLANTING AREAS FREE OF PAVING OR GRATES

NOT TO SCALE

NOTES

1. AT PLANTING PRUNE ONLY BROKEN OR DEAD BRANCHES PER ANSI 300 STANDARD.

2. PLANTING PIT/TRENCH SHALL BE DUG DEEP ENOUGH TO ALLOW AT LEAST 1/8TH OF ROOT BALL TO SET ABOVE EXISTING GRADE.

3. SET PLANTS IN ERECT, STABLE, AND UNIFORM POSITIONS. ORIENT BEST FACE OF PLANT TO BE THE MOST VISIBLE.

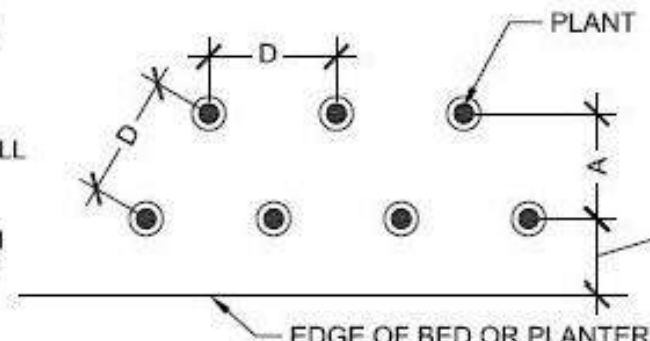
4. GROUND COVERS AND PERENNIALS SHALL BE INSTALLED WITH TRIANGULAR SPACING. REFER TO CHART.

4. UNLESS OTHERWISE DIRECTED BY PROJECT SPECIFICATIONS OR COUNTY URBAN FORESTER, BACKFILL SOIL MIXTURE WILL BE 3/4 EXISTING SOIL CLEANED OF DEBRIS (GRAVEL, ROCKS, STICKS, TRASH, ETC.) AND MIXED WITH 1/4 ORGANIC MATERIAL (COMPOSTED BARK, LEAF MOLD, OR OTHER PLANT DEBRIS PROCESSED TO A POINT OF DECAY AND APPROVED BY THE COUNTY URBAN FORESTER; PEAT MOSS SHALL NOT BE USED).

5. CONTRACTOR SHALL REMOVE EXCESS SOIL & DEBRIS FROM SITE.

6. DO NOT PLACE MULCH IN CONTACT WITH STEM OF PLANTS.

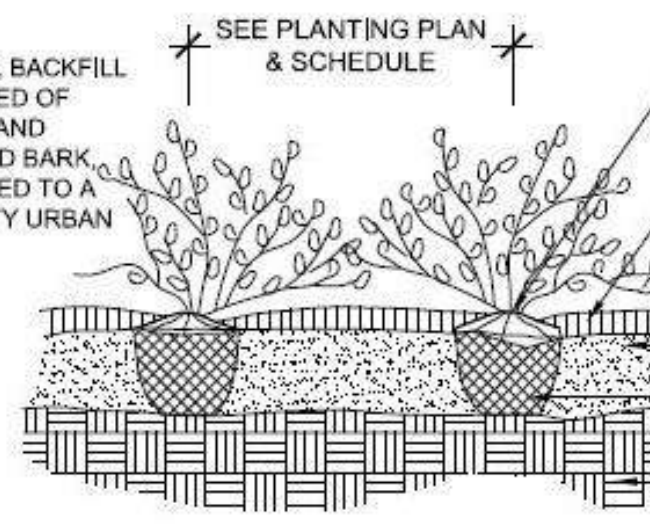
ALL PLANTS MUST BE WATERED TWICE ONCE AT INSTALLATION AND AGAIN WITHIN 48-HOURS OF INSTALLATION, PER THE SPECIFICATIONS.



PLANT SPACING "D" O.C.	ROW "A" O.C.	PLANTS PER S.F.
6"	5"	4.00
8"	7"	2.25
9"	6"	1.77
12"	10"	1.00
15"	13"	0.77
18"	16"	0.44

TRIANGULAR SPACING PLAN & CHART

NOT TO SCALE



PLACE TOP 1/8 OF ROOT BALL ABOVE FINISHED GRADE (TYP.)

3" SHREDDED HARDWOOD MULCH OVER ENTIRE PLANTING BED

BACKFILL SOIL MIXTURE

LOOSEN THE ROOT BALL OF ANY ROOT BOUND PLANTS (TYP.)

UNDISTURBED SUBGRADE OR COMPACTED BACKFILL SOIL MIXTURE

THIS DETAIL SUPERSEDES ALL OTHER GROUND COVER PLANTING DETAILS IN ARLINGTON COUNTY.

GROUND COVERS & PERENNIAL PLANTING

NOT TO SCALE

6/22/2022 BID SET

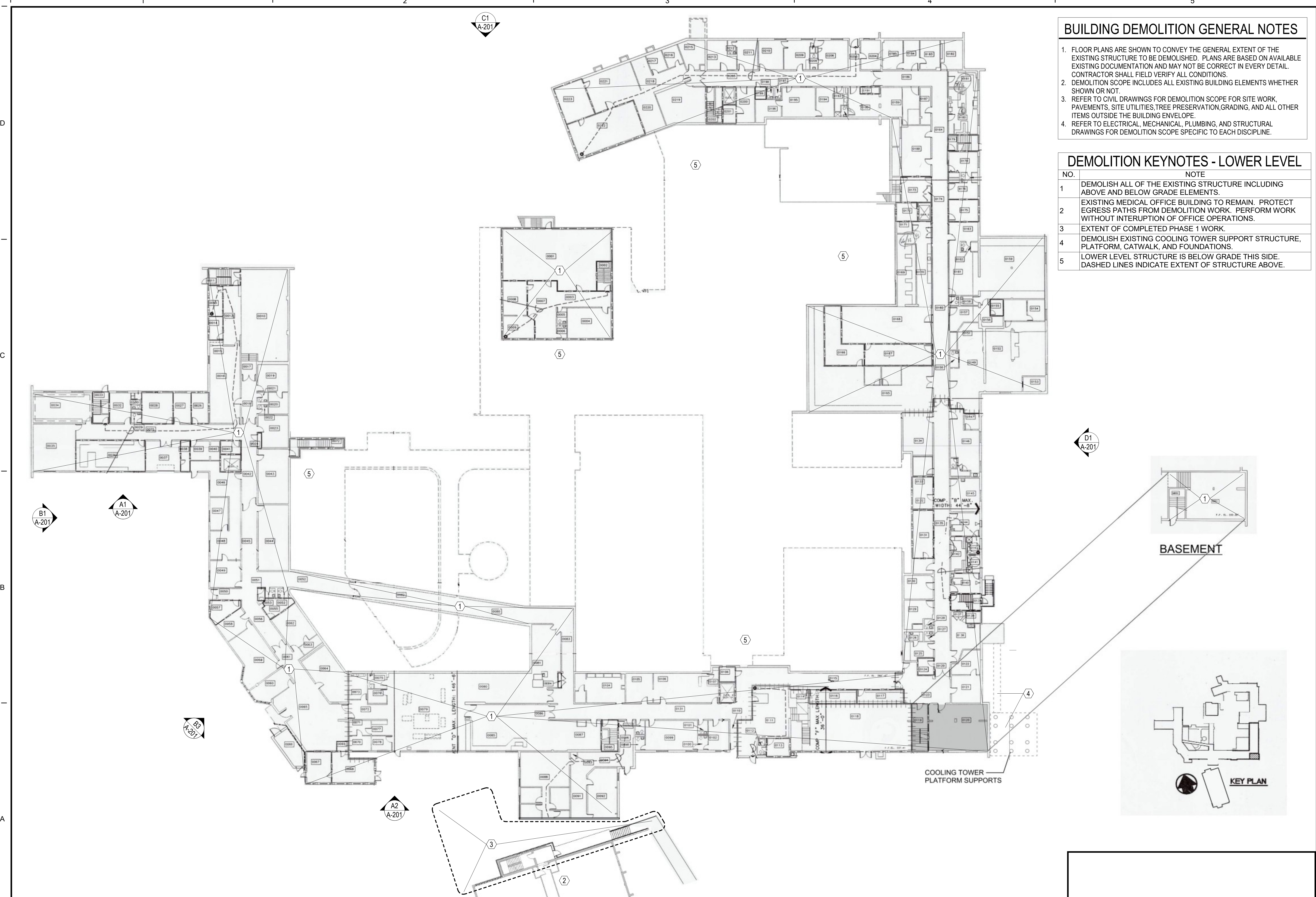
MARK	DATE	DESCRIPTION

PROJECT NO:	19-0679.001
SCALE:	N/A
DESIGNED BY:	CMB
DRAWN BY:	JES
CHECKED BY:	JKS

SHEET TITLE

LANDSCAPE NOTES & DETAILS

2-L-501



- ### BUILDING DEMOLITION GENERAL NOTES
- FLOOR PLANS ARE SHOWN TO CONVEY THE GENERAL EXTENT OF THE EXISTING STRUCTURE TO BE DEMOLISHED. PLANS ARE BASED ON AVAILABLE EXISTING DOCUMENTATION AND MAY NOT BE CORRECT IN EVERY DETAIL. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS.
 - DEMOLITION SCOPE INCLUDES ALL EXISTING BUILDING ELEMENTS WHETHER SHOWN OR NOT.
 - REFER TO CIVIL DRAWINGS FOR DEMOLITION SCOPE FOR SITE WORK, PAVEMENTS, SITE UTILITIES, TREE PRESERVATION, GRADING, AND ALL OTHER ITEMS OUTSIDE THE BUILDING ENVELOPE.
 - REFER TO ELECTRICAL, MECHANICAL, PLUMBING, AND STRUCTURAL DRAWINGS FOR DEMOLITION SCOPE SPECIFIC TO EACH DISCIPLINE.

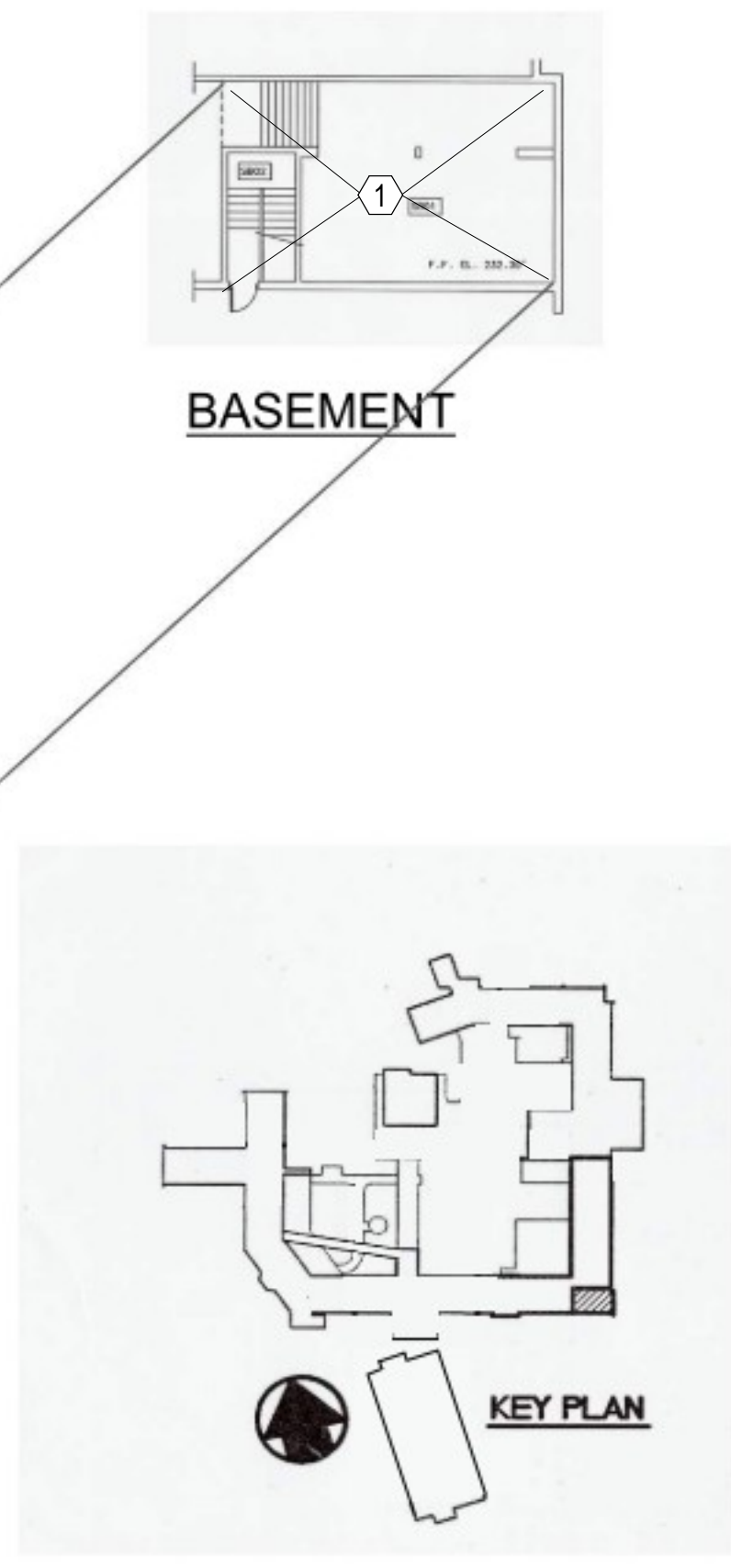
DEMOLITION KEYNOTES - LOWER LEVEL

NO.	NOTE
1	DEMOLISH ALL OF THE EXISTING STRUCTURE INCLUDING ABOVE AND BELOW GRADE ELEMENTS.
2	EXISTING MEDICAL OFFICE BUILDING TO REMAIN. PROTECT EGRESS PATHS FROM DEMOLITION WORK. PERFORM WORK WITHOUT INTERRUPTION OF OFFICE OPERATIONS.
3	EXTENT OF COMPLETED PHASE 1 WORK.
4	DEMOLISH EXISTING COOLING TOWER SUPPORT STRUCTURE, PLATFORM, CATWALK, AND FOUNDATIONS.
5	LOWER LEVEL STRUCTURE IS BELOW GRADE THIS SIDE. DASHED LINES INDICATE EXTENT OF STRUCTURE ABOVE.

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	MARK	DATE	REVISIONS
06.22.2022	13356.28	KDL	DWH	KDL			DES

DATE 06.22.2022
 PROJECT 13356.28
 DESIGNED KDL
 DRAWN DWH
 CHECKED KDL

RRMM
 ARCHITECTS, PC
 2900 South Quincy Street, Suite 710
 Arlington, Virginia 22206
 (703)998-0101



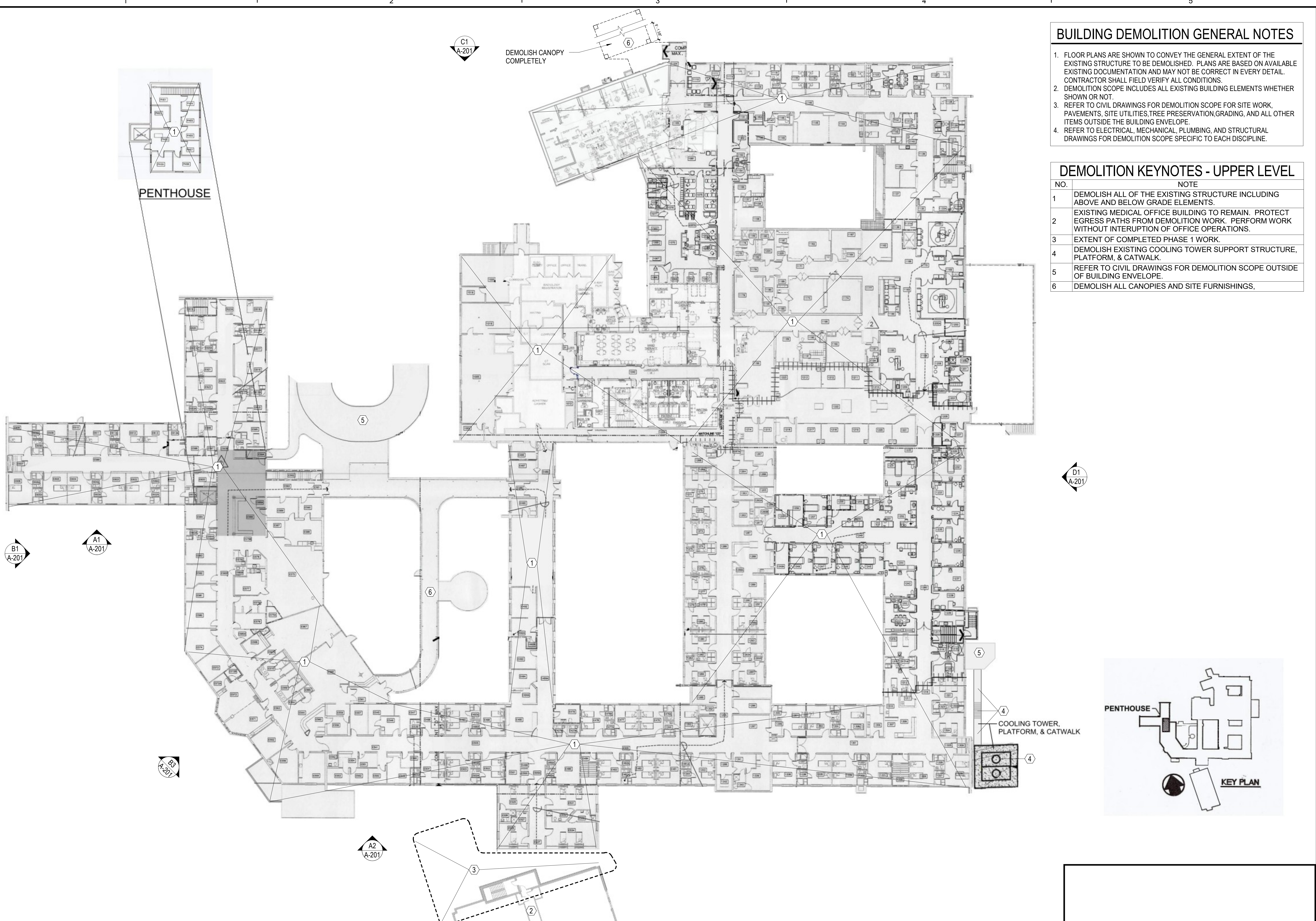
PHASE 2 EXISTING LOWER LEVEL DEMOLITION PLAN
 SCALE: 3/16" = 1'-0"



6/23/2022 3:22:37 PM BIN 360 / 13356-28 Virginia Hospital Center / 13356-28 v20 Virginia Hospital Center - Arch.rvt

PROJECT VIRGINIA HOSPITAL CENTER DEMOLITION - PHASE 1
 ARLINGTON, VA
 601 S CARLIN SPRINGS ROAD, ARLINGTON, VA 22204.
 DRAWING LOWER LEVEL DEMOLITION PLAN

SHEET
2-A-101



BUILDING DEMOLITION GENERAL NOTES

1. FLOOR PLANS ARE SHOWN TO CONVEY THE GENERAL EXTENT OF THE EXISTING STRUCTURE TO BE DEMOLISHED. PLANS ARE BASED ON AVAILABLE EXISTING DOCUMENTATION AND MAY NOT BE CORRECT IN EVERY DETAIL. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS.
2. DEMOLITION SCOPE INCLUDES ALL EXISTING BUILDING ELEMENTS WHETHER SHOWN OR NOT.
3. REFER TO CIVIL DRAWINGS FOR DEMOLITION SCOPE FOR SITE WORK, PAVEMENTS, SITE UTILITIES, TREE PRESERVATION, GRADING, AND ALL OTHER ITEMS OUTSIDE THE BUILDING ENVELOPE.
4. REFER TO ELECTRICAL, MECHANICAL, PLUMBING, AND STRUCTURAL DRAWINGS FOR DEMOLITION SCOPE SPECIFIC TO EACH DISCIPLINE.

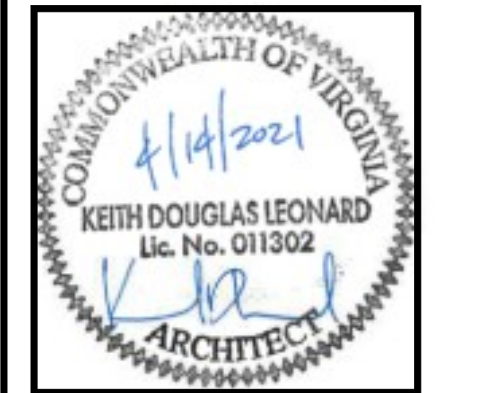
DEMOLITION KEYNOTES - UPPER LEVEL

NO.	NOTE
1	DEMOLISH ALL OF THE EXISTING STRUCTURE INCLUDING ABOVE AND BELOW GRADE ELEMENTS.
2	EXISTING MEDICAL OFFICE BUILDING TO REMAIN. PROTECT EGRESS PATHS FROM DEMOLITION WORK. PERFORM WORK WITHOUT INTERUPTION OF OFFICE OPERATIONS.
3	EXTENT OF COMPLETED PHASE 1 WORK.
4	DEMOLISH EXISTING COOLING TOWER SUPPORT STRUCTURE, PLATFORM, & CATWALK.
5	REFER TO CIVIL DRAWINGS FOR DEMOLITION SCOPE OUTSIDE OF BUILDING ENVELOPE.
6	DEMOLISH ALL CANOPIES AND SITE FURNISHINGS.

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	MARK	DATE	REVISIONS
06.22.2022	13356.28	KDL	DWH	KDL			DES

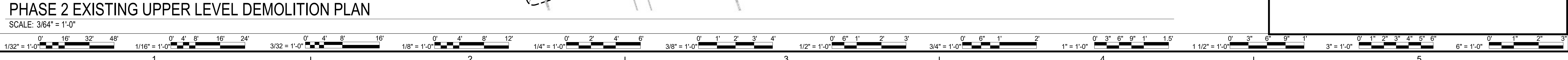
DATE	PROJECT	DESIGNED	DRAWN	CHECKED
06.22.2022	13356.28	KDL	DWH	KDL

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 2900 South Quincy Street, Suite 710
 Arlington, Virginia 22206
 (703)998-0101



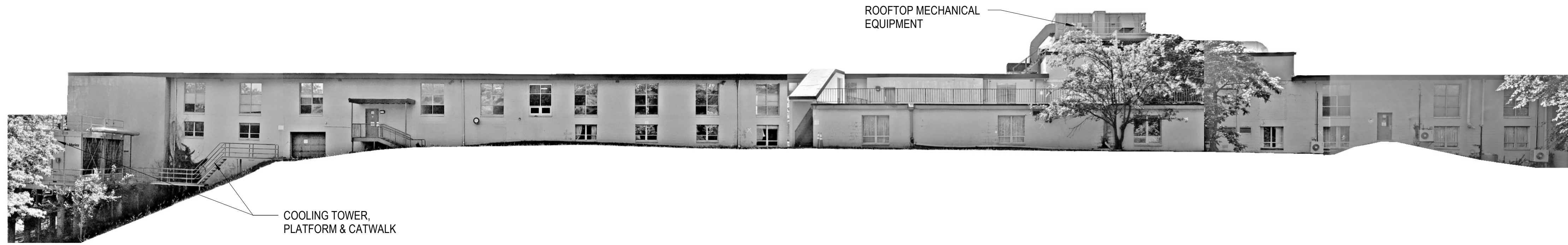
PROJECT VIRGINIA HOSPITAL CENTER DEMOLITION - PHASE 2
 ARLINGTON, VA
 601 S CARLIN SPRINGS ROAD, ARLINGTON, VA 22204.
 DRAWING UPPER LEVEL DEMOLITION PLAN

SHEET
2-A-102

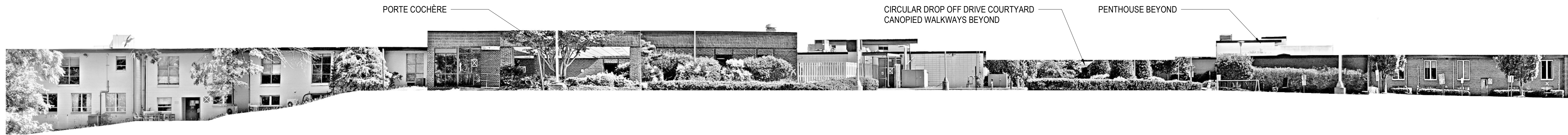


PHASE 2 EXISTING UPPER LEVEL DEMOLITION PLAN
 SCALE: 3/8" = 1'-0"

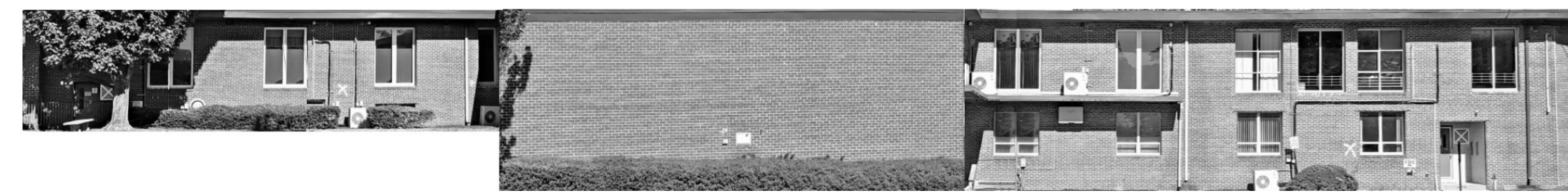
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D1 Composite Elevation - East
2-A-201 SCALE: 1/16" = 1'-0"



C1 Composite Elevation - North
2-A-201 SCALE: 1/16" = 1'-0"



B1 Composite Elevation - West
2-A-201 SCALE: 1/16" = 1'-0"



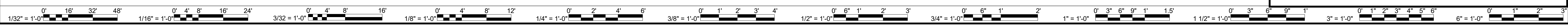
B3 Composite Elevation - Southwest
2-A-201 SCALE: 1/16" = 1'-0"



A1 Composite Elevation - South 1
2-A-201 SCALE: 1/16" = 1'-0"



A2 Composite Elevation - South 2
2-A-201 SCALE: 1/16" = 1'-0"



MARK	DATE	BY	DES

DATE	PROJECT	DESIGNED	DRAWN	CHECKED
06.22.2022	13356.28			

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ARCHITECTS, PC
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Arlington, Virginia 22206
(703)998-0101



PROJECT VIRGINIA HOSPITAL CENTER DEMOLITION - PHASE 1
ARLINGTON, VA
601 S CARLIN SPRINGS ROAD, ARLINGTON, VA 22204.
DRAWING EXISTING BUILDING ELEVATIONS

SHEET
2-A-201

GENERAL NOTES

- PRIOR TO BEGINNING ANY DEMOLITION WORK, THE CONTRACTOR SHALL SURVEY THE SITE AND EXAMINE THE AVAILABLE CONTRACT DOCUMENTS, AVAILABLE AS-BUILT DRAWINGS, AND PROJECT SPECIFICATIONS TO DETERMINE AND UNDERSTAND THE EXTENT OF THE WORK. IN ADDITION, VERIFY ALL ABATEMENT IS COMPLETE AND ANY HAZARDOUS MATERIALS HAVE BEEN REMOVED AND DISPOSED OF PROPERLY. CONTRACTOR SHALL DRAIN DOWN AND PROPERLY DISCARD ANY EXISTING SYSTEM FLUIDS THAT MAY FALL INTO THIS CATEGORY. THE CONTRACTOR SHALL DISCONNECT ALL UTILITIES SERVING THE STRUCTURES AND OUTDOOR EQUIPMENT TO BE RAZED. PURGE ALL GAS LINES WITHIN THE STRUCTURES AND THROUGH THE METER AND SERVICE ENTRANCE PIPING. DISCONNECT ALL WATER AND POWER CONNECTIONS TO THE STRUCTURES. COORDINATE WITH DOMINION ENERGY (VEPCO) PRIOR TO DEMOLITION OF THE ELECTRICAL SERVICES. COORDINATE WITH THE COUNTY WATER DEPARTMENT PRIOR TO THE DEMOLITION OF THE SERVICE ENTRANCE AND FOLLOW THEIR REQUIREMENTS FOR CAPPING OFF THE PIPING. COORDINATE WITH WASHINGTON GAS PRIOR TO THE DEMOLITION OF THE SERVICE ENTRANCE AND FOLLOW THEIR REQUIREMENTS FOR CAPPING OFF THE PIPING AND RETURNING METERS. COORDINATE WITH THE APPROPRIATE PROVIDER WHEN DEMOLISHING ANY AND ALL CABLE, PHONE, OR INTERNET SERVICES TO THE SITE. DOCUMENT ALL SERVICE DISCONNECTS WITH THE APPLICABLE PROVIDER. VERIFY ALL SOURCES HAVE BEEN DISCONNECTED FOR EACH UTILITY AS MULTIPLE CONNECTIONS MAY BE POSSIBLE AND NOT RECORDED.
- ENTIRE HVAC SYSTEMS - EQUIPMENT, TANKS, DUCTWORK, PIPING, CONTROLS, ETC. - SHALL BE DEMOLISHED. DESCRIPTIONS OF THE SYSTEMS BELOW AND FLOOR AND ROOF PLANS ARE PROVIDED FOR INFORMATION ONLY, AND THEY DO NOT INCLUDE ALL WORK REQUIRED TO BE DEMOLISHED. CONTRACTOR IS RESPONSIBLE FOR COMPLETE DEMOLITION OF ALL SYSTEMS IN THE AREA OF CONSTRUCTION.
- THE EXISTING HEATING AND COOLING FOR THE STRUCTURES TO BE DEMOLISHED IS PROVIDED BY A VARIETY OF SYSTEMS INCLUDING, CENTRAL BOILER AND CHILLER SYSTEM SERVING CENTRAL AIR HANDLERS, CONSTANT VOLUME DX COOLING, GAS-FIRED PACKAGE ROOFTOP UNITS, PACKAGED/SPLIT SYSTEM HEAT PUMPS, MINI-SPLIT SYSTEM HEAT PUMPS, WALL-MOUNTED PACKAGED WATER-SOURCE HEAT PUMP UNITS, WALL-MOUNTED PACKAGED ELECTRIC HEAT PUMP UNITS, EXHAUST FANS, AND GRAVITY VENTILATORS. AIR DISTRIBUTION IS PROVIDED TO SUPPLY AIR REGISTERS BY A NETWORK OF SHEET METAL DUCTS CONCEALED ABOVE THE CEILINGS WITH DUCTED RETURNS.
- HOT WATER FOR THE CENTRAL HEATING SYSTEM IS SUPPLIED BY SEVEN (7) GAS-FIRED WATER BOILERS. THESE HEATING BOILERS ARE LOCATED IN THREE BOILER ROOMS, TWO IN EACH.
- CHILLED WATER FOR THE CENTRAL COOLING SYSTEM IS PRODUCED BY TWO (2) WATER-COOLED CHILLERS AND A COOLING TOWER. THE CHILLERS ARE REPORTED TO HAVE R-22 AS A REFRIGERANT. THE TWO-CELL COOLING TOWER IS CONSTRUCTED OF GALVANIZED STEEL AND IS LOCATED ON A STEEL PLATFORM SUPPORTED BY CONCRETE PILES.
- CIRCULATING PUMPS DELIVER HOT OR CHILLED WATER THROUGH THE TWO-PIPE DISTRIBUTION SYSTEM. THE HOT AND CHILLED WATER SUPPLIES THE FAN COIL UNITS AND AIR HANDLING UNITS. LARGE CAPACITY AIR HANDLING UNITS EQUIPPED WITH HOT WATER AND CHILLED WATER COILS ARE LOCATED ON THE ROOF AND IN EIGHT MECHANICAL ROOMS.
- IN SOME AREAS HEATED OR COOLED AIR IS DISTRIBUTED THROUGH DUCTS TO VARIABLE AIR VOLUME (VAV) TERMINALS CONCEALED ABOVE THE CEILINGS.
- THE LARGE AIR HANDLING UNIT ABOVE THE ROOF IS SET ON ELEVATED STEEL FRAME AND HAS EXPOSED DUCTWORK.
- THERE ARE THREE (3) ROOF TOP PACKAGED UNITS (DX COOLING, GAS-FIRED, CONSTANT VOLUME) SERVING THE THERAPY POOL AREA. THESE USE R-410A REFRIGERANT. IN ADDITION, THERE ARE THREE (3) ADDITIONAL PACKAGED ROOFTOP UNITS (DX COOLING, GAS-FIRED, CONSTANT VOLUME) OF UNDETERMINED CAPACITY, WHICH USES R-22 AS A REFRIGERANT.
- IN OTHER AREAS THERE ARE MULTIPLE ELECTRIC AIR-TO-AIR MINI-SPLIT SYSTEM HEAT PUMPS. THE OUTDOOR HEAT PUMP UNITS ARE PAD-MOUNTED ON GRADE. THESE SYSTEMS USE R-410A AS A REFRIGERANT.
- OLD, FAN COIL UNITS IN HVAC CLOSETS ARE STILL IN PLACE IN FORMER PATIENT ROOMS. THESE SPACES ARE NOW SERVED BY MINI-SPLIT SYSTEMS OR VAV TERMINALS, BUT THE FAN COIL UNITS ARE REPORTED TO BE STILL CONNECTED TO THE PIPING SYSTEM AND OPERATIONAL.
- THE PROJECT INCLUDES THE COMPLETE DEMOLITION OF ALL OF THESE SYSTEMS. REMOVE ALL EQUIPMENT, DUCTWORK AND MECHANICAL SYSTEM PIPING.
- DISCONNECT ALL UTILITY CONNECTIONS INCLUDING GAS LINES, ELECTRIC WIRE AND CONDUITS, AND PIPING CONNECTED TO ALL MECHANICAL EQUIPMENT. SALVAGE EACH ITEM OF EQUIPMENT LISTED IN THE COUNTY'S SALVAGE SCHEDULE AS A WHOLE UNIT, LISTED, INDEXED, TAGGED, AND STORED. SALVAGE EACH SCHEDULED UNIT WITH ITS NORMAL OPERATING AUXILIARY EQUIPMENT. TRANSPORT SALVAGED EQUIPMENT, INCLUDING MOTORS, TO A DESIGNATED STORAGE AREA. DO NOT REMOVE EQUIPMENT FROM THE STORAGE AREA UNTIL APPROVED BY THE COUNTY. REMOVE EQUIPMENT NOT SCHEDULED FOR SALVAGE FROM THE SITE AND DISPOSE OF IT AS REQUIRED BY THE LOCAL AUTHORITY.
- DISCONNECT PIPING AT UNIONS, FLANGES AND VALVES, AND FITTINGS AS REQUIRED TO REDUCE THE PIPES INTO STRAIGHT LENGTHS FOR REMOVAL. CAREFULLY DISMANTLE PIPING THAT PREVIOUSLY CONTAINED GAS, GASOLINE, OIL, OR OTHER DANGEROUS FLUIDS, WITH PRECAUTIONS TAKEN TO PREVENT INJURY TO PERSONS AND PROPERTY. STORE PIPING MATERIALS OUTDOORS UNTIL ALL FUMES AND RESIDUES ARE REMOVED AND OR DISSIPATED. DISCARD ALL SUPPORTS, HANGERS, PLATES, VALVES, AND SPECIALTY ITEMS. TRANSPORT ANY PIPING MATERIALS SCHEDULED FOR SALVAGE TO A DESIGNATED STORAGE AREA, AND STORE ACCORDING TO SIZE AND TYPE. DO NOT REMOVE PIPING MATERIALS FROM THE STORAGE AREA UNTIL APPROVED BY THE OWNER. CLASSIFY THESE PIPING MATERIALS NOT DESIGNATED FOR SALVAGE AS SCRAP METAL. CLASSIFY ALL REMOVED DUCT WORK AS SCRAP METAL. REMOVE MATERIALS NOT SCHEDULED FOR SALVAGE FROM THE SITE AND DISPOSE OF IT AS REQUIRED BY THE LOCAL AUTHORITY.
- THERMOMETERS, THERMOSTATS, ETC. THAT CONTAINING MERCURY SHALL BE TAGGED FOR IDENTIFICATION AS POTENTIALLY HAZARDOUS MATERIALS, PROTECTED FROM BREAKAGE, AND PROPERLY DISPOSED OF.
- AN INVENTORY OF THE EXISTING MECHANICAL EQUIPMENT, WHICH IS NOT INCLUSIVE, IS AS FOLLOWS:
 - (7) HEATING BOILERS.
 - (2) INDOOR CHILLERS.
 - (1) COOLING TOWER.
 - (1) LARGE AIR HANDLING UNIT (AHU) ON ROOF.
 - (12) AHUS INSIDE BUILDING.
 - (7) ROOFTOP DX COOLING, GAS-FIRED HEATING PACKAGED UNITS.
 - (13) SPLIT AC OR HEAT PUMP SYSTEMS.
 - (47) DUCTLESS MINI SPLIT SYSTEMS.
 - EXHAUST FANS
- ALL REFRIGERANT TO BE REMOVED FROM THE EXISTING SYSTEMS SHALL BE FULLY RECOVERED IN ACCORDANCE WITH FEDERAL REGULATIONS.
- A SALVAGE SCHEDULE WILL BE PREPARED AND INCLUDED IN THE CONTRACT DOCUMENTS.

SCHEDULE

THE DEMOLITION SHALL OCCUR IN TWO PHASES:

PHASE 1 (REFER TO SEPARATE CONSTRUCTION DOCUMENTS)
THE FIRST PHASE SHALL INCLUDE THE ISOLATION OF THE MULTI-STORY PHYSICIAN'S OFFICE BUILDING FROM THE REST OF THE STRUCTURE. THIS EFFORT SHALL INCLUDE THE DEMOLITION OF A PART OF THE CONNECTOR BUILDING, THE DEMOLITION OF THE MRI ADDITION, AND THE CONSTRUCTION OF AN EXPANDED VESTIBULE AND ACCESS PATHS AT THE EXISTING STAIR TOWER. THE EFFORT SHALL ALSO INCLUDE SOME BUILDING UTILITY WORK AS NOTED BELOW.

HVAC AND PLUMBING:
TO MECHANICALLY ISOLATE THE MULTI-STORY PHYSICIAN'S OFFICE BUILDING, THE CONTRACTOR SHALL FIRST REMOVE PORTIONS OF DUCTS AND PIPES WHICH CROSS THE EXTERIOR WALL OF THE PHYSICIAN'S OFFICE BUILDING, AS REQUIRED FOR THIS PHASE OF DEMOLITION, AND CAP BOTH ENDS, ONE END INSIDE THE PHYSICIAN'S OFFICE BUILDING AND THE OTHER END INSIDE THE TO BE DEMOLISHED CONNECTOR BUILDING.
PRIOR TO DEMOLITION OF MRI ADDITION, THE CONTRACTOR SHALL LOCATE UNDERGROUND CONDENSER WATER PIPES RUN FROM THE MECHANICAL ROOM IN THE MULTI-STORY PHYSICIAN'S OFFICE BUILDING TO THE COOLING TOWER SET ON GRADE AS IT IS POSSIBLE THAT THE PIPES REMAINED IN PLACE UNDER MRI ADDITION WHEN MRI ADDITION WAS BUILT UNLESS THEY WERE REROUTED. THESE PIPES SHOULD REMAIN IN SERVICE FOR THE PHYSICIAN'S OFFICE BUILDING. THE COOLING TOWER AS WELL AS THE NEARBY UNDERGROUND OIL STORAGE TANK SHALL BE PROTECTED FROM DAMAGE AND KEPT OPERATIONAL DURING THE ENTIRE CONSTRUCTION PERIOD (BOTH PHASES 1 AND 2).

PHASE 2
ONCE THE PHYSICIAN'S OFFICE BUILDING IS FULLY ISOLATED AND THE EGRESS STAIR TOWER RENOVATION AND EGRESS PATH IS COMPLETE, THE SECOND PHASE OF THE DEMOLITION CAN PROCEED. THE SECOND PHASE OF DEMOLITION SHALL INCLUDE THE COMPLETE DEMOLITION OF THE EXISTING VIRGINIA HOSPITAL CENTER (BUILDING 601) AND THE REMAINING PART OF THE CONNECTOR BUILDING.

DEMOLITION PHASING NOTES

MEP DEMOLITION PHASING MAY BE AFFECTED BY CIVIL DEMOLITION PHASING. GENERAL CONTRACTOR SHALL COORDINATE ALL DEMOLITION PHASING.

DUCTWORK LEGEND

	EXISTING DUCTWORK, EQUIPMENT OR PIPING TO REMAIN
	EXISTING DUCTWORK, EQUIPMENT OR PIPING TO BE REMOVED OR RELOCATED
	NEW DUCTWORK, EQUIPMENT OR PIPING
	DUCTWORK WITH SOUNDLINING
	SUPPLY AIR DUCT TURNING UP/DOWN
	RETURN AIR DUCT TURNING UP/DOWN
	EXHAUST AIR DUCT TURNING UP/DOWN
	CHANGE IN ELEVATION OF DUCTWORK IN DIRECTION OF AIRFLOW - RISE
	CHANGE IN ELEVATION OF DUCTWORK IN DIRECTION OF AIRFLOW - DROP
	MOTORIZED DAMPER
	DUCT MOUNTED SMOKE DETECTOR
	SQUARE TO SQUARE TRANSITION
	SQUARE TO ROUND TRANSITION
	BRANCH DUCT
	ELBOW WITH TURNING VANES
	ELBOW WITHOUT TURNING VANES
	RADIUS ELBOW
	SPIN-IN COLLAR WITH INTEGRAL VOLUME DAMPER
	VOLUME DAMPER
	FIRE DAMPER
	FIRE SMOKE DAMPER
	THERMOSTAT WITH CONTROL WIRE
	HUMIDISTAT
	CARBON MONOXIDE SENSOR
	SQUARE CEILING DIFFUSER
	LINEAR SLOT DIFFUSER
	LINEAR RETURN DIFFUSER
	CFM DESIGNATION
	DIFFUSER OR GRILLE TYPE DESIGNATION
	RETURN GRILLE
	KEYED NOTE DEMOLITION
	KEYED NOTE NEW WORK
	POINT OF REMOVAL
	POINT OF CONNECTION

ABBREVIATIONS

(E)	EXISTING TO REMAIN	KW	KILOWATTS
(R)	EXISTING TO BE RELOCATED	LAT	LEAVING AIR TEMPERATURE
(RE)	EXISTING TO BE REMOVED AND RELOCATED	LBS	POUNDS
AC	AIR CONDITIONER	LWT	LEAVING WATER TEMPERATURE
AFF	ABOVE FINISHED FLOOR	MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR
AHU	AIR HANDLING UNIT	MCA	MINIMUM CIRCUIT AMPACITY
BAS	BUILDING AUTOMATION SYSTEM	OA	OUTSIDE AIR
BTUH	BRITISH THERMAL UNITS PER HOUR	PH	PHASE
CFM	CUBIC FEET PER MINUTE	RA	RETURN AIR
CRAC	COMPUTER ROOM AIR CONDITIONING UNIT	RLA	RATED LOAD AMPS
CU	CONDENSING UNIT	RTU	ROOFTOP UNIT
DB	DRY BULB	SA	SUPPLY AIR
DX	REFRIGERANT	TAD	TRANSFER AIR DUCT
EAT	ENTERING AIR TEMPERATURE	TAO	TRANSFER AIR OPENING
EF	EXHAUST FAN	TF	TRANSFER FAN
ESP	EXTERNAL STATIS PRESSURE	TSP	TOTAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE	TYP	TYPICAL
FLA	FULL LOAD AMPS	V	VOLT, VOLTS
FPB	FAN POWERED BOX	VAV	VARIABLE AIR VOLUME
FT	FOOT, FEET	VFD	VARIABLE FREQUENCY DRIVE
GPM	GALLONS PER MINUTE	WB	WET BULB
HP	HORSEPOWER	WG	WATER GAUGE
HZ	HERTZ		
IN	INCH, INCHES		

PIPING LEGEND

	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	CONDENSER WATER SUPPLY
	CONDENSER WATER RETURN
	GLYCOL SUPPLY
	GLYCOL RETURN
	HOT WATER SUPPLY
	HOT WATER RETURN
	REFRIGERANT SUCTION
	REFRIGERANT LIQUID
	FUEL OIL SUPPLY
	FUEL OIL RETURN
	CONDENSATE DRAIN
	PUMPED CONDENSATE DRAIN
	MAKE-UP WATER
	PIPE TURNING UP
	PIPE TURNING DOWN
	VALVE IN VERTICAL
	CONCENTRIC PIPE REDUCER
	PIPE BRANCH BOTTOM TAKEOFF
	PIPE BRANCH TOP TAKEOFF
	DIRECTION OF FLOW
	PITCHED IN DIRECTION OF FLOW
	UNION
	2-WAY CONTROL VALVE
	3-WAY CONTROL VALVE
	BALL VALVE
	BUTTERFLY VALVE
	COMBINATION BALANCING/SHUT-OFF VALVE
	STRAINER WITH VALVE AND CAP
	STRAINER
	TRIPLE DUTY VALVE
	CHECK VALVE
	THERMOMETER
	PRESSURE GAUGE
	MANUAL AIR VENT
	PRESSURE/TEMPERATURE PORT
	PRESSURE REDUCING VALVE

DRAWING LIST

2-M-001	COVER SHEET
2-M-101	LOWER LEVEL PLAN
2-M-102	UPPER LEVEL PLAN
2-M-103	ROOF PLAN

GPI
Greenman-Pedersen, Inc.

Engineering and Construction Services
8001 Braddock Road, Suite 200, Springfield, VA 22151
703-978-0100 www.gpinet.com
Project #: 2019322-00

PROJECT VIRGINIA HOSPITAL CENTER DEMOLITION - PHASE 2
ARLINGTON, VA
611 S CARLIN SPRINGS ROAD, ARLINGTON, VA 22204.

DRAWING COVER SHEET

SHEET

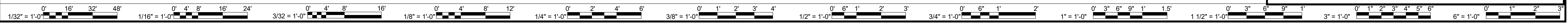
2-M-001

DATE 06.22.2022
PROJECT 13356.28

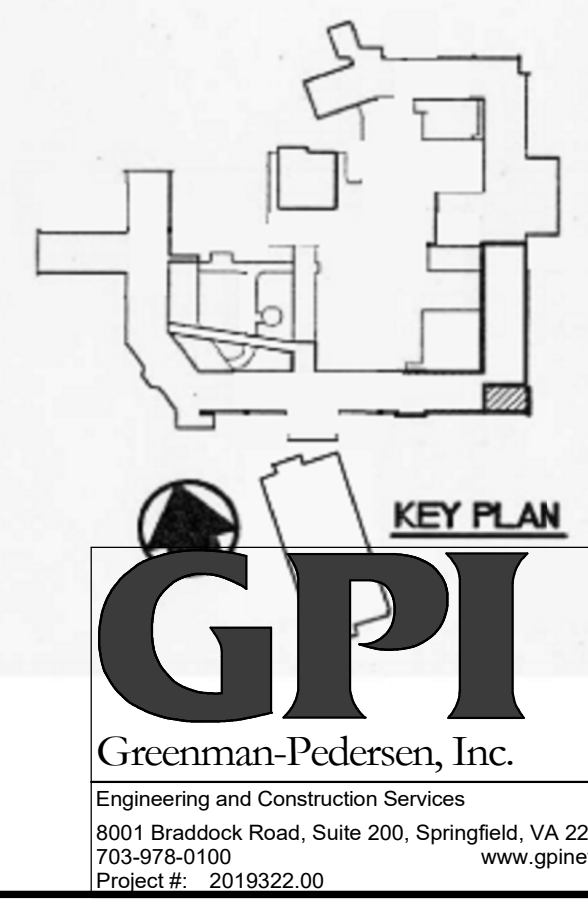
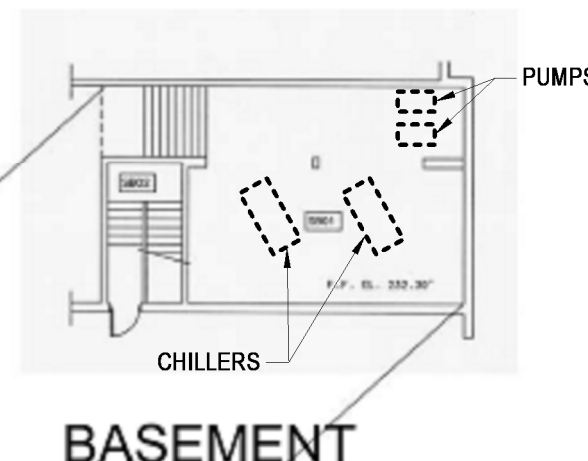
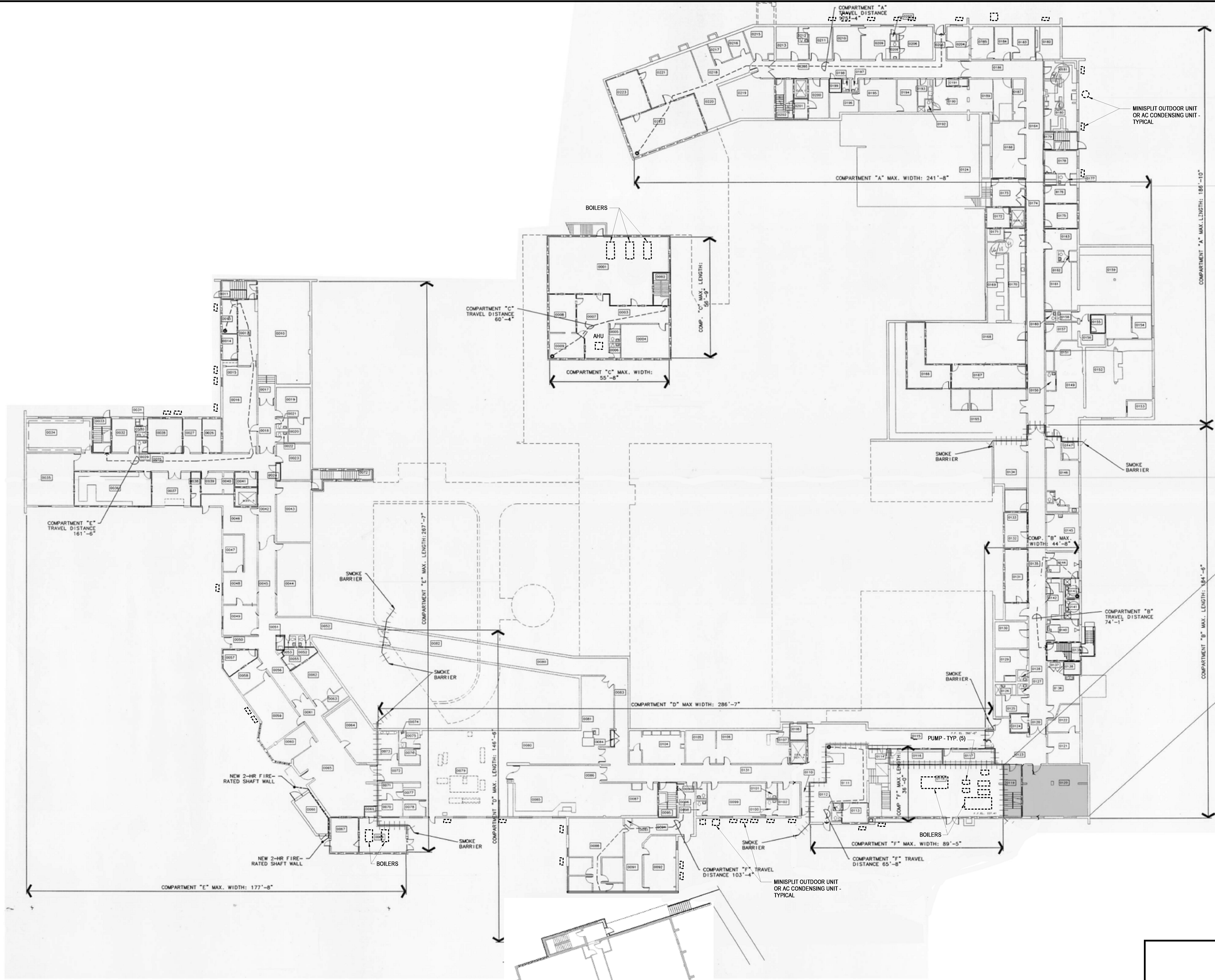
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RRMM
ARCHITECTS, PC
2900 South Quincy Street, Suite 710
Arlington, Virginia 22206
(703)998-0101

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1 PHASE 2 EXISTING LOWER LEVEL PLAN
2-M-101 SCALE: 3/64" = 1'-0"



<p>RRMM ARCHITECTS, PC 2900 South Quincy Street, Suite 710 Arlington, Virginia 22206 (703)998-0101</p>	
DATE	06.22.2022
PROJECT	13356.28
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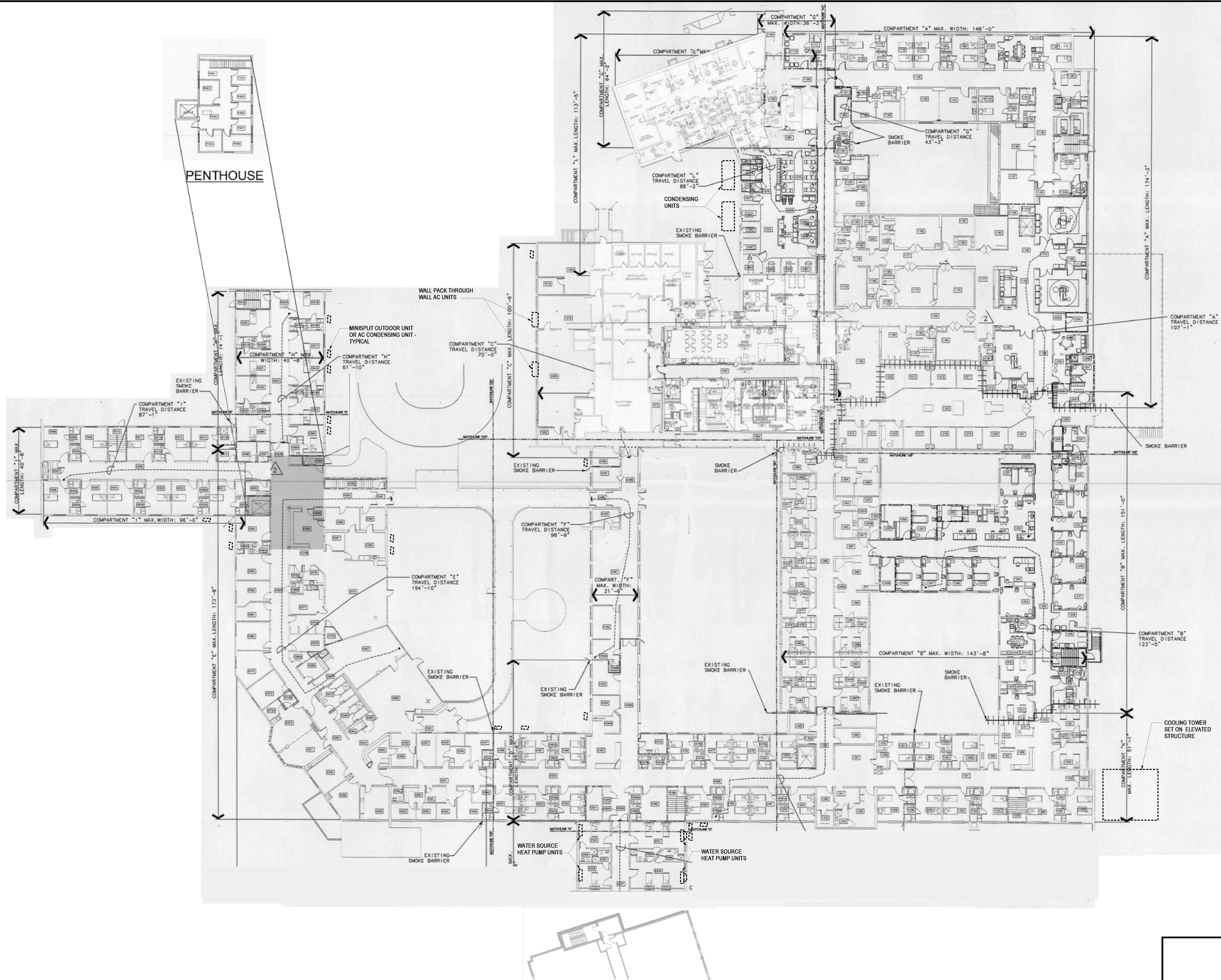
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PROJECT VIRGINIA HOSPITAL CENTER DEMOLITION - PHASE 2
ARLINGTON, VA
611 S CARLIN SPRINGS ROAD, ARLINGTON, VA 22204.

DRAWING LOWER LEVEL PLAN

SHEET
2-M-101

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PENTHOUSE

EXISTING SMOKE BARRIER

COMPARTMENT "1" MAX. WIDTH: 96'-0"

COMPARTMENT "E" MAX. LENGTH: 173'-8"

COMPARTMENT "1" TRAVEL DISTANCE 87'-1"

COMPARTMENT "1" MAX. LENGTH: 47'-8"

COMPARTMENT "1" MAX. WIDTH: 96'-0"

COMPARTMENT "1" TRAVEL DISTANCE 87'-1"

COMPARTMENT "1" MAX. LENGTH: 47'-8"

COMPARTMENT "1" TRAVEL DISTANCE 87'-1"

MINISPLIT OUTDOOR UNIT OR AC CONDENSING UNIT - TYPICAL

COMPARTMENT "H" TRAVEL DISTANCE 61'-10"

COMPARTMENT "C" MAX. LENGTH: 100'-8"

COMPARTMENT "C" TRAVEL DISTANCE 70'-0"

COMPARTMENT "E" TRAVEL DISTANCE 194'-10"

COMPARTMENT "E" TRAVEL DISTANCE 194'-10"

COMPARTMENT "E" TRAVEL DISTANCE 194'-10"

COMPARTMENT "E" TRAVEL DISTANCE 194'-10"

COMPARTMENT "E" TRAVEL DISTANCE 194'-10"

COMPARTMENT "E" TRAVEL DISTANCE 194'-10"

COMPARTMENT "C" TRAVEL DISTANCE 70'-0"

COMPARTMENT "C" TRAVEL DISTANCE 70'-0"

COMPARTMENT "C" TRAVEL DISTANCE 70'-0"

COMPARTMENT "C" TRAVEL DISTANCE 70'-0"

COMPARTMENT "C" TRAVEL DISTANCE 70'-0"

COMPARTMENT "C" TRAVEL DISTANCE 70'-0"

COMPARTMENT "C" TRAVEL DISTANCE 70'-0"

COMPARTMENT "C" TRAVEL DISTANCE 70'-0"

COMPARTMENT "C" TRAVEL DISTANCE 70'-0"

COMPARTMENT "C" TRAVEL DISTANCE 70'-0"

COMPARTMENT "L" MAX. LENGTH: 113'-5"

COMPARTMENT "L" MAX. LENGTH: 113'-5"

COMPARTMENT "L" MAX. LENGTH: 113'-5"

COMPARTMENT "L" MAX. LENGTH: 113'-5"

COMPARTMENT "L" MAX. LENGTH: 113'-5"

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COMPARTMENT "L" MAX. LENGTH: 113'-5"

COMPARTMENT "L" MAX. LENGTH: 113'-5"

COMPARTMENT "L" MAX. LENGTH: 113'-5"

COMPARTMENT "L" MAX. LENGTH: 84'-2"

COMPARTMENT "L" MAX. LENGTH: 84'-2"

COMPARTMENT "L" MAX. LENGTH: 84'-2"

COMPARTMENT "L" MAX. LENGTH: 84'-2"

COMPARTMENT "L" MAX. LENGTH: 84'-2"

COMPARTMENT "L" MAX. LENGTH: 84'-2"

COMPARTMENT "L" MAX. LENGTH: 84'-2"

COMPARTMENT "L" MAX. LENGTH: 84'-2"

COMPARTMENT "L" MAX. LENGTH: 84'-2"

COMPARTMENT "L" MAX. LENGTH: 84'-2"

COMPARTMENT "G" MAX. WIDTH: 148'-0"

COMPARTMENT "G" MAX. WIDTH: 148'-0"

COMPARTMENT "G" MAX. WIDTH: 148'-0"

COMPARTMENT "G" MAX. WIDTH: 148'-0"

COMPARTMENT "G" MAX. WIDTH: 148'-0"

COMPARTMENT "G" MAX. WIDTH: 148'-0"

COMPARTMENT "G" MAX. WIDTH: 148'-0"

COMPARTMENT "G" MAX. WIDTH: 148'-0"

COMPARTMENT "G" MAX. WIDTH: 148'-0"

COMPARTMENT "G" MAX. WIDTH: 148'-0"

COMPARTMENT "A" TRAVEL DISTANCE 107'-1"

COMPARTMENT "A" TRAVEL DISTANCE 107'-1"

COMPARTMENT "A" TRAVEL DISTANCE 107'-1"

COMPARTMENT "A" TRAVEL DISTANCE 107'-1"

COMPARTMENT "A" TRAVEL DISTANCE 107'-1"

COMPARTMENT "A" TRAVEL DISTANCE 107'-1"

COMPARTMENT "A" TRAVEL DISTANCE 107'-1"

COMPARTMENT "A" TRAVEL DISTANCE 107'-1"

COMPARTMENT "A" TRAVEL DISTANCE 107'-1"

COMPARTMENT "A" TRAVEL DISTANCE 107'-1"

PENTHOUSE

KEY PLAN

GPI
Greenman-Pedersen, Inc.
Engineering and Construction Services
8001 Braddock Road, Suite 200, Springfield, VA 22151
703-978-0100 www.gpinet.com
Project #: 2019322.00

PROJECT VIRGINIA HOSPITAL CENTER DEMOLITION - PHASE 2
ARLINGTON, VA
611 S CARLIN SPRINGS ROAD, ARLINGTON, VA 22204.
DRAWING UPPER LEVEL PLAN

SHEET
2-M-102

DATE 06.22.2022
PROJECT 13356.28
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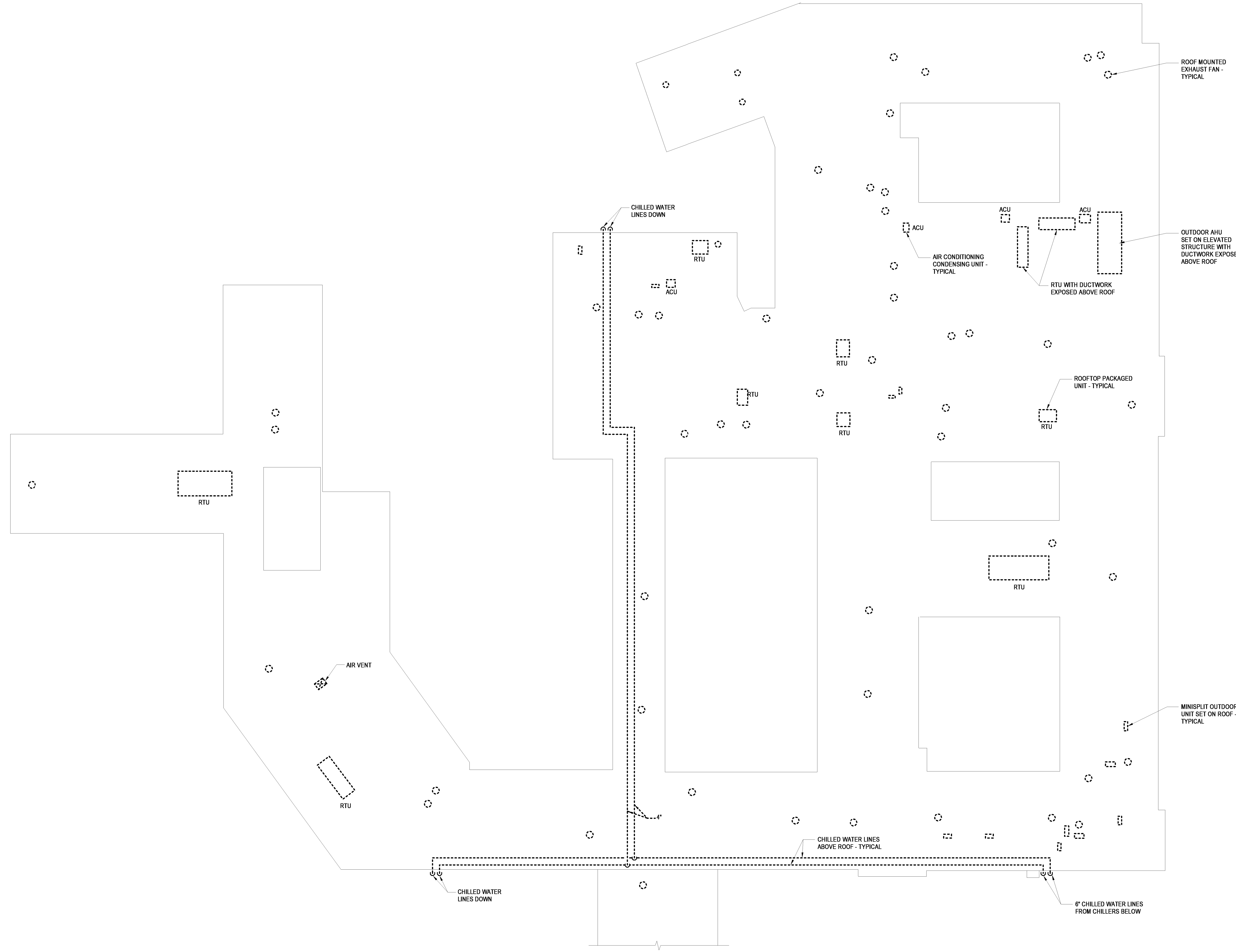
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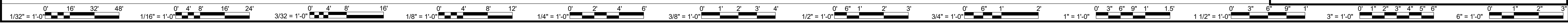
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1 PHASE 2 EXISTING ROOF PLAN
2-M-103 SCALE: 3/64" = 1'-0"



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PROJECT VIRGINIA HOSPITAL CENTER DEMOLITION - PHASE 2
ARLINGTON, VA
611 S CARLIN SPRINGS ROAD, ARLINGTON, VA 22204.
DRAWING ROOF PLAN

SHEET
2-M-103

GENERAL NOTES

1. PRIOR TO BEGINNING ANY DEMOLITION WORK, THE CONTRACTOR SHALL SURVEY THE SITE AND EXAMINE THE AVAILABLE CONTRACT DOCUMENTS, AVAILABLE AS-BUILT DRAWINGS, AND PROJECT SPECIFICATIONS TO DETERMINE AND UNDERSTAND THE EXTENT OF THE WORK. IN ADDITION, VERIFY ALL ABATEMENT IS COMPLETE AND ANY HAZARDOUS MATERIALS HAVE BEEN REMOVED AND DISPOSED OF PROPERLY. CONTRACTOR SHALL DRAIN DOWN AND PROPERLY DISCARD ANY EXISTING SYSTEM FLUIDS THAT MAY FALL INTO THIS CATEGORY. THE CONTRACTOR SHALL DISCONNECT ALL UTILITIES SERVING THE STRUCTURES AND OUTDOOR EQUIPMENT TO BE RAZED. PURGE ALL GAS LINES WITHIN THE STRUCTURES AND THROUGH THE METER AND SERVICE ENTRANCE PIPING. DISCONNECT ALL WATER AND POWER CONNECTIONS TO THE STRUCTURES. COORDINATE WITH DOMINION ENERGY (VEPCO) PRIOR TO DEMOLITION OF THE ELECTRICAL SERVICES. COORDINATE WITH THE COUNTY WATER DEPARTMENT PRIOR TO THE DEMOLITION OF THE SERVICE ENTRANCE AND FOLLOW THEIR REQUIREMENTS FOR CAPPING OFF THE PIPING. COORDINATE WITH WASHINGTON GAS PRIOR TO THE DEMOLITION OF THE SERVICE ENTRANCE AND FOLLOW THEIR REQUIREMENTS FOR CAPPING OFF THE PIPING AND RETURNING METERS. COORDINATE WITH THE APPROPRIATE PROVIDER WHEN DEMOLISHING ANY AND ALL CABLE, PHONE, OR INTERNET SERVICES TO THE SITE. DOCUMENT ALL SERVICE DISCONNECTS WITH THE APPLICABLE PROVIDER. VERIFY ALL SOURCES HAVE BEEN DISCONNECTED FOR EACH UTILITY AS MULTIPLE CONNECTIONS MAY BE POSSIBLE AND NOT RECORDED.
2. ENTIRE PLUMBING AND FIRE PROTECTION SYSTEMS - EQUIPMENT, TANKS, PIPING, CONTROLS, ETC. - ABOVE AND BELOW GROUND SHALL BE DEMOLISHED. DESCRIPTIONS OF THE SYSTEMS ARE PROVIDED FOR INFORMATION ONLY DO NOT INCLUDE ALL WORK REQUIRED TO BE DEMOLISHED. CONTRACTOR IS RESPONSIBLE FOR COMPLETE DEMOLITION OF ALL SYSTEMS IN THE AREA OF CONSTRUCTION.
3. PLUMBING SYSTEMS
 - 3.1. THE EXISTING PLUMBING SYSTEMS INCLUDES AN INCOMING WATER SERVICE, THE HOT AND COLD WATER PIPING SYSTEM, THE SANITARY SEWER AND VENT SYSTEMS, AND THE STORM WATER SYSTEM. THE RISERS AND THE HORIZONTAL DISTRIBUTION PIPING ARE GENERALLY COPPER THROUGHOUT THE BUILDINGS. THE SOIL AND VENT SYSTEMS AND STORM WATER SYSTEM ARE CAST IRON AND PVC.
 - 3.2. THERE MAY BE STORM LINES AND CONDENSATE DRAIN LINES UNDER FIRST FLOOR SLAB OF THE 2-STORY BUILDING 601.
 - 3.3. THE EXISTING WATER METER IS LOCATED IN A TERRACE LEVEL MECHANICAL ROOM.
 - 3.4. DOMESTIC HOT WATER IS SUPPLIED BY SEVEN (7) GAS-FIRED AO SMITH WATER HEATERS LOCATED IN THE BOILER ROOMS.
 - 3.5. MOST COMMON AREA RESTROOMS HAVE COMMERCIAL-GRADE FIXTURES AND ACCESSORIES INCLUDING WATER CLOSETS AND LAVATORIES.
 - 3.6. THERE ARE EXISTING MEDICAL GAS, OXYGEN, VACUUM LINES ABANDONED IN PLACE.
 - 3.7. GAS SERVICE IS SUPPLIED FROM THE GAS MAIN ON THE ADJACENT PUBLIC STREET. THE GAS METERS AND PRESSURE REGULATORS ARE LOCATED ALONG THE EXTERIOR WALLS OF THE BUILDINGS. THE GAS DISTRIBUTION PIPING WITHIN THE BUILDING IS MALLEABLE STEEL (BLACK IRON).
 - 3.8. THE PROJECT INCLUDES THE COMPLETE DEMOLITION OF ALL OF THESE PLUMBING AND PIPING SYSTEMS.
 - 3.9. THE CONTRACTOR SHALL COORDINATE WITH THE GAS COMPANY FOR DEMOLITION OF GAS SERVICE (METERS, PRESSURE REGULATORS, ETC.) AND UNDERGROUND PIPING THAT THE GAS COMPANY IS RESPONSIBLE FOR.
 - 3.10. DEMOLITION OF STORM LINES EXITING THE BUILDINGS SHALL BE COORDINATED WITH CIVIL DEMOLITION WORK.
 - 3.11. CLASSIFY REMOVED MATERIALS AS SCRAP METAL AND REMOVE THE MATERIALS FROM THE SITE AS DESCRIBED UNDER MECHANICAL SYSTEMS UNLESS ON THE SALVAGE SCHEDULE.

SCHEDULE

THE DEMOLITION SHALL OCCUR IN TWO PHASES:

PHASE 1 (REFER TO SEPARATE CONSTRUCTION DOCUMENTS)
 THE FIRST PHASE SHALL INCLUDE THE ISOLATION OF THE MULTI-STORY PHYSICIAN'S OFFICE BUILDING FROM THE REST OF THE STRUCTURE. THIS EFFORT SHALL INCLUDE THE DEMOLITION OF A PART OF THE CONNECTOR BUILDING, THE DEMOLITION OF THE MRI ADDITION, AND THE CONSTRUCTION OF AN EXPANDED VESTIBULE AND ACCESS PATHS AT THE EXISTING STAIR TOWER. THE EFFORT SHALL ALSO INCLUDE SOME BUILDING UTILITY WORK AS NOTED BELOW.

HVAC AND PLUMBING:
 TO MECHANICALLY ISOLATE THE MULTI-STORY PHYSICIAN'S OFFICE BUILDING, THE CONTRACTOR SHALL FIRST REMOVE PORTIONS OF DUCTS AND PIPES, WHICH CROSS THE EXTERIOR WALL OF THE PHYSICIAN'S OFFICE BUILDING, AS REQUIRED FOR THIS PHASE OF DEMOLITION, AND CAP BOTH ENDS; ONE END INSIDE THE PHYSICIAN'S OFFICE BUILDING AND THE OTHER END INSIDE THE TO BE DEMOLISHED CONNECTOR BUILDING. PRIOR TO DEMOLITION OF MRI ADDITION, THE CONTRACTOR SHALL LOCATE UNDERGROUND CONDENSER WATER PIPES RUN FROM THE MECHANICAL ROOM IN THE MULTI-STORY PHYSICIAN'S OFFICE BUILDING TO THE COOLING TOWER SET ON GRADE AS IT IS POSSIBLE THAT THE PIPES REMAINED IN PLACE UNDER MRI ADDITION WHEN MRI ADDITION WAS BUILT UNLESS THEY WERE REROUTED. THESE PIPES SHOULD REMAIN IN SERVICE FOR THE PHYSICIAN'S OFFICE BUILDING. THE COOLING TOWER AS WELL AS THE NEARBY UNDERGROUND OIL STORAGE TANK SHALL BE PROTECTED FROM DAMAGE AND KEPT OPERATIONAL DURING THE ENTIRE CONSTRUCTION PERIOD (BOTH PHASES 1 AND 2). AN EXHAUST FAN ON THE ROOF OF THE CONNECTOR BUILDING, WHICH SERVES MULTIPLE TOILETS IN THE CONNECTOR BUILDING, ALSO SERVES TELECOM ROOM ON THE FIFTH FLOOR OF THE MULTI-STORY PHYSICIAN'S OFFICE BUILDING 611. A NEW, SMALLER, FAN AND DUCTWORK SHALL BE INSTALLED IN THE PHYSICIAN'S OFFICE BUILDING FOR THE ROOM PRIOR TO ANY DISCONNECTION AS DESCRIBED ABOVE TO MAINTAIN REQUIRED AIR FLOW.

PHASE 2
 ONCE THE PHYSICIAN'S OFFICE BUILDING IS FULLY ISOLATED AND THE EGRESS STAIR TOWER RENOVATION AND EGRESS PATH IS COMPLETE, THE SECOND PHASE OF THE DEMOLITION CAN PROCEED. THE SECOND PHASE OF DEMOLITION SHALL INCLUDE THE COMPLETE DEMOLITION OF THE EXISTING VIRGINIA HOSPITAL CENTER (BUILDING 601) AND THE REMAINING PART OF THE CONNECTOR BUILDING.

DEMOLITION PHASING NOTES

MEP DEMOLITION PHASING MAY BE AFFECTED BY CIVIL DEMOLITION PHASING. GENERAL CONTRACTOR SHALL COORDINATE ALL DEMOLITION PHASING.

PLUMBING LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
		EXISTING PIPING OR EQUIPMENT TO BE REMOVED
	CW	DOMESTIC COLD WATER
	HW	DOMESTIC HOT WATER
	HWC	DOMESTIC HOT WATER RECIRCULATION
		SANITARY SOIL AND WASTE
		SANITARY VENT
		STORM WATER
		PIPE TURNING UP
		PIPE TURNING DOWN
		PIPE BRANCH BOTTOM TAKEOFF
		PIPE BRANCH TOP TAKEOFF
		OFFSET IN PIPE
		CAPPED PIPE
		POINT OF REMOVAL
		KEYED NOTE, DEMOLITION
		KEYED NOTE, NEW WORK

ABBREVIATION

(E) EXISTING
 FHV FIRE HOSE VALVE
 (N) NEW

DRAWING LIST

2-P-001 COVER SHEET
 2-P-101 LOWER LEVEL PLAN
 2-P-102 UPPER LEVEL PLAN



DATE	06.22.2022
PROJECT	13356.28
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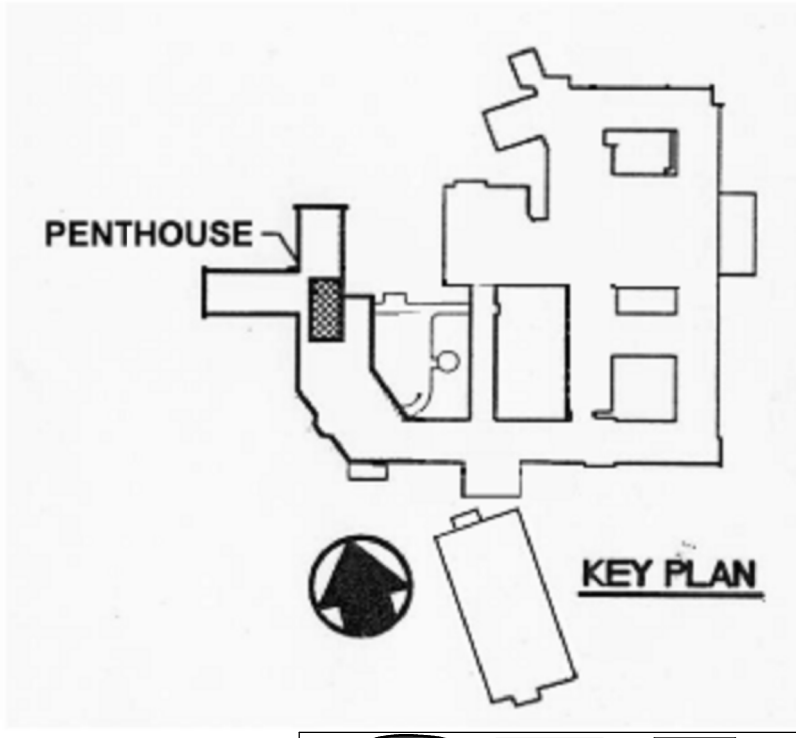
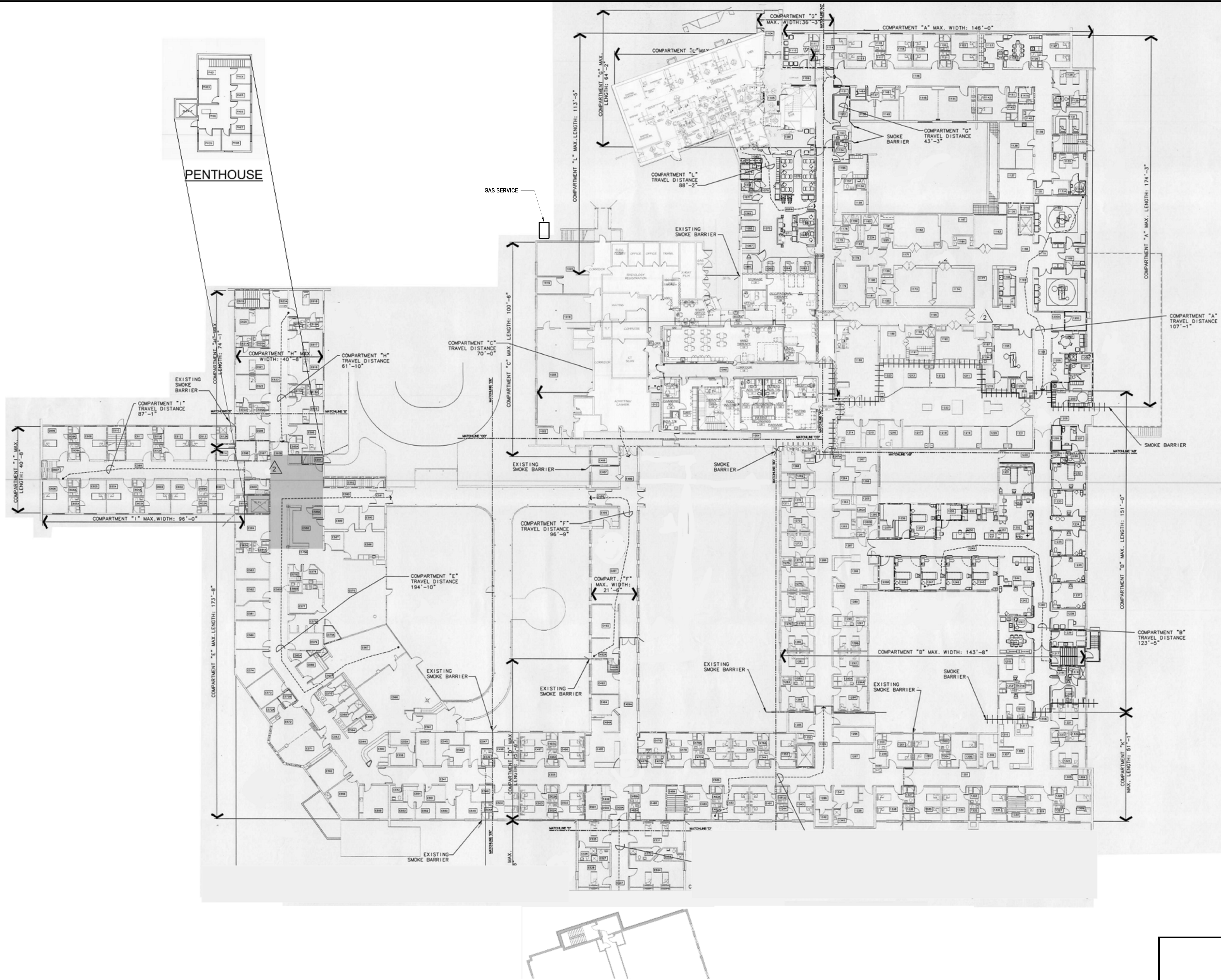


PROJECT VIRGINIA HOSPITAL CENTER DEMOLITION - PHASE 2
 ARLINGTON, VA
 611 S CARLIN SPRINGS ROAD, ARLINGTON, VA 22204.
 DRAWING COVER SHEET

SHEET
2-P-001

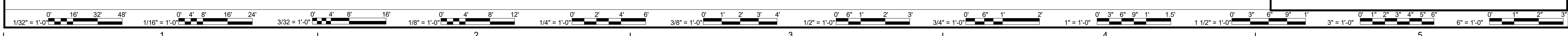


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 703-978-0100 www.gpinet.com
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1 PHASE 2 EXISTING UPPER LEVEL PLAN
 2-P-102 SCALE: 3/64" = 1'-0"



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 Arlington, Virginia 22206
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PROJECT VIRGINIA HOSPITAL CENTER DEMOLITION - PHASE 2
 ARLINGTON, VA
 611 S CARLIN SPRINGS ROAD, ARLINGTON, VA 22204.

DRAWING UPPER LEVEL PLAN

SHEET
2-P-102

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ELECTRICAL SPECIFICATIONS

- A. GENERAL**
- PRIOR TO BEGINNING ANY DEMOLITION WORK, THE CONTRACTOR SHALL SURVEY THE SITE AND EXAMINE THE AVAILABLE CONTRACT DOCUMENTS, AVAILABLE AS-BUILT DRAWINGS, AND PROJECT SPECIFICATIONS TO DETERMINE AND UNDERSTAND THE EXTENT OF THE WORK. IN ADDITION, VERIFY ALL ABATEMENT IS COMPLETE AND ANY HAZARDOUS MATERIALS HAVE BEEN REMOVED AND DISPOSED OF PROPERLY. CONTRACTOR SHALL DRAIN DOWN AND PROPERLY DISCARD ANY EXISTING SYSTEM FLUIDS THAT MAY FALL INTO THIS CATEGORY. THE CONTRACTOR SHALL DISCONNECT ALL UTILITIES SERVING THE STRUCTURES AND OUTDOOR EQUIPMENT TO BE RAZED. PURGE ALL GAS LINES WITHIN THE STRUCTURES AND THROUGH THE METER AND SERVICE ENTRANCE PIPING. DISCONNECT ALL WATER AND POWER CONNECTIONS TO THE STRUCTURES. COORDINATE WITH DOMINION ENERGY (VEPCO) PRIOR TO DEMOLITION OF THE ELECTRICAL SERVICES. COORDINATE WITH THE COUNTY WATER DEPARTMENT PRIOR TO THE DEMOLITION OF THE SERVICE ENTRANCE AND FOLLOW THEIR REQUIREMENTS FOR CAPPING OFF THE PIPING. COORDINATE WITH WASHINGTON GAS PRIOR TO THE DEMOLITION OF THE SERVICE ENTRANCE AND FOLLOW THEIR REQUIREMENTS FOR CAPPING OFF THE PIPING AND RETURNING METERS. COORDINATE WITH THE APPROPRIATE PROVIDER WHEN DEMOLISHING ANY AND ALL CABLE, PHONE, OR INTERNET SERVICES TO THE SITE. DOCUMENT ALL SERVICE DISCONNECTS WITH THE APPLICABLE PROVIDER. VERIFY ALL SOURCES HAVE BEEN DISCONNECTED FOR EACH UTILITY AS MULTIPLE CONNECTIONS MAY BE POSSIBLE AND NOT RECORDED.
 - THE CONTRACTOR SHALL COMPLY WITH ALL THE LAWS, ORDINANCES, RULES AND REGULATIONS OF ALL LOCAL AND STATE GOVERNMENTAL AUTHORITIES, THE RULES OF THE NATIONAL FIRE PROTECTION ASSOCIATION AS INTERPRETED BY THE ENFORCING AUTHORITY HAVING JURISDICTION AND OF THE PUBLIC UTILITIES HAVING CONNECTION WITH ANY OF THE SYSTEMS HEREIN SPECIFIED.
 - THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND INSPECTIONS REQUIRED BY ANY OF THE FOREGOING AUTHORITIES, AND PAY FOR ALL OTHER COSTS IN CONNECTION WITH THE WORK. ALL CERTIFICATES SHALL BE IN DUPLICATE AND SHALL BE DELIVERED TO THE ARCHITECT/ENGINEER/OWNER.
 - THE SITE LOCATION AND ROUTING OF SYSTEMS INDICATED TO HAVE NEW CONNECTIONS MADE TO THEM ARE SHOWN AS ACCURATELY AS FIELD CONDITIONS WOULD PERMIT. BIDDERS SHALL VISIT THE SITE AND THOROUGHLY EXAMINE THE CONTRACT DRAWINGS. BIDDERS WHO DO NOT VISIT THE SITE MAY BE UNILATERALLY NOT PERMITTED TO SUBMIT A BID IF THE OWNER SO DESIGNATES. ALL EXISTING CONDITIONS SHALL BE EXAMINED AND THEIR EXACT LOCATIONS VERIFIED. THE CONTRACTOR SHALL REPORT TO THE ARCHITECT/ENGINEER/OWNER BEFORE SUBMITTING A BID, ANY CONDITIONS WHICH MIGHT MAKE INSTALLATION OF REQUIRED EQUIPMENT A PROBLEM. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR FAILURE TO INVESTIGATE CONDITIONS OR MISUNDERSTANDINGS OF THE CONTRACTUAL REQUIREMENTS.
 - THE CONTRACTOR SHALL REMOVE ALL EQUIPMENT NOT INDICATED TO BE REUSED TO A DESIGNATED LOCATION AT THE PROJECT SITE. AFTER THE EQUIPMENT HAS BEEN ASSEMBLED FOR THE OWNER'S INSPECTION AND POSSIBLE RETENTION, ALL EQUIPMENT NOT TO BE RETAINED BY THE OWNER SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR. ALL BUILDING SYSTEMS SHALL REMAIN IN SERVICE UNLESS INDICATED OTHERWISE. ALL OUTAGES OR INTERRUPTIONS SHALL BE KEPT TO MINIMUM DURATION. NOTIFY THE OWNER 48 HOURS IN ADVANCE OF ANY OUTAGE OR INTERRUPTION.
 - DRAWINGS SHALL BE CONSIDERED DIAGRAMMATIC AND FOR BIDDING PURPOSES ONLY. WHILE THE DRAWINGS ARE GENERALLY TO SCALE AND ARE AS ACCURATE AS THE SCALE WILL PERMIT, ALL IMPORTANT DIMENSIONS SHALL BE DETERMINED IN THE FIELD. THEY ARE NOT TO BE CONSIDERED TO BE ERECTION DRAWINGS.
 - REPAIR OF EXISTING WORK: ALL WORK SHALL BE CAREFULLY LAID OUT IN ADVANCE, AND WHERE CUTTING, CHANNELING, CHASING, OR DRILLING OF FLOORS, WALL, PARTITIONS, CEILINGS, OR OTHER SURFACES IS NECESSARY FOR THE PROPER INSTALLATION, SUPPORT, OR ANCHORAGE OF THE CONDUIT, RACEWAYS OR OTHER ELECTRICAL WORK, THIS WORK SHALL BE CAREFULLY DONE, AND ANY DAMAGE TO BUILDING, PIPING, OR EQUIPMENT SHALL BE REPAIRED BY SKILLED MECHANICS OF THE TRADE INVOLVED, AT NO ADDITIONAL COST TO THE OWNER. METHODS FOR AND EXACT LOCATIONS OF PROPOSED CUTTING, CHANNELING, CHASING OR DRILLING OF EXISTING CONSTRUCTION SHALL BE AS APPROVED BY THE OWNER.
 - THE CONTRACTOR SHALL REPAIR ALL WALL, CEILING, FLOOR, OR ROOF OPENINGS WHICH ARE CREATED BY DEMOLITION OR PENETRATION. THE REPAIRS SHALL BE WITH MATERIALS AND FINISHES TO MATCH EXISTING. ALL FIRE RATED PENETRATIONS SHALL BE SEALED WITH SUITABLE MATERIALS TO PRESERVE FIRE RATED INTEGRITY.
 - DEFINITIONS: "PROVIDE" UNDER THIS CONTRACT IS DEFINED AS FURNISH AND INSTALL. "CONCEALED" UNDER THIS CONTRACT IS DEFINED AS WITHIN ARCHITECTURAL WALLS AND ABOVE CEILINGS. "EXPOSED" UNDER THIS CONTRACT IS DEFINED AS VISIBLE TO VIEW, INCLUDING ELECTRICAL ROOMS. "INDICATED" UNDER THIS CONTRACT IS DEFINED AS SHOWN IN THE CONTRACT DOCUMENTS. "CIRCUITRY" UNDER THIS CONTRACT IS DEFINED AS CONDUIT, FEEDER AND OR CIRCUIT.
 - UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE CONTRACT AREA AND ALL OTHER AREAS USED FOR STORAGE, STAGING, ETC.
 - PROVIDE TEMPORARY SERVICE FOR LIGHTING AND POWER EQUIPMENT (DRILLS, SAW, ETC.). VERIFY TEMPORARY REQUIREMENTS WITH GENERAL CONTRACTOR. TEMPORARY LIGHTING AND POWER SHALL MEET OSHA REQUIREMENTS AND LOCAL CODE. TEMPORARY POWER SHALL BE 120 VOLTS.
 - PROTECT ADJACENT MATERIALS INDICATED TO REMAIN. INSTALL AND MAINTAIN DUST AND NOISE BARRIERS TO KEEP DIRT, DUST, AND NOISE FROM BEING TRANSMITTED TO ADJACENT AREAS. REMOVE PROTECTION AND BARRIERS AFTER DEMOLITION OPERATIONS ARE COMPLETE.
- B. DEMOLITION**
- THE ELECTRICAL DEMOLITION WORK SHALL INCLUDE THE COMPLETE DEMOLITION OF ALL EXISTING ELECTRICAL WORK IN BUILDING 601, THE CONNECTOR BUILDING, AND THE MRI BUILDING. REMOVE ALL LIGHTING, RECEPTACLES, APPLIANCES, HVAC EQUIPMENT CONNECTIONS, ETC., INCLUDING ALL WIRING AND CONDUIT CONNECTIONS. THE ELECTRICAL UTILITIES SERVING BUILDING 601 SHALL BE DISCONNECTED. ALL DEMOLITION WORK FROM THE UTILITY PRIMARY LINES TO THE SERVICE ENTRANCE EQUIPMENT SHALL BE COORDINATED WITH DOMINION ENERGY (VEPCO). BECAUSE ALL UTILITY TRANSFORMERS SERVING THE TWO BUILDINGS SHARE A PRIMARY LINE, THE CONTRACTOR SHALL COORDINATE UTILITY DEMOLITION SO THAT BUILDING 611 MAY REMAIN FULLY OPERATIONAL. CARE MUST ALSO BE TAKEN NOT TO DISTURB THE UNDERGROUND SERVICE LATERAL FEEDING BUILDING 611 AS IT IS ROUTED BENEATH THE MRI ADDITION TO BE DEMOLISHED.
 - PROVIDE DEMOLITION AS INDICATED IN THESE SPECIFICATIONS AND ON DEMOLITION PLANS. CIRCUITRY NOTED FOR REMOVAL SHALL BE REMOVED BACK TO THE SOURCE BUS UNLESS OTHERWISE NOTED. BE RESPONSIBLE FOR THE COMPLETE REMOVAL FROM THE SITE FOR ALL EQUIPMENT AND MATERIAL REMOVED UNDER DEMOLITION WORK, UNLESS OTHERWISE NOTED OR DIRECTED. EXISTING CIRCUITS-TO-REMAIN INTERRUPTED BY DEMOLITION SHALL BE RESTORED FOR OPERATION AS BEFORE. OUTAGES REQUIRED TO PERFORM DEMOLITION SHALL BE COORDINATED WITH THE OWNER AND PROCESSED OUTSIDE OF NORMAL BUSINESS HOURS. REPAIR ALL WALL, CEILING, FLOOR OR ROOF OPENINGS CREATED BY DEMOLITION. REPAIRS SHALL BE PROVIDED BY WORKMAN SKILLED IN THE TRADE AND SHALL CONFORM WITH MATERIAL AND FINISHES TO MATCH EXISTING.
 - LOCATE, IDENTIFY AND PROTECT ELECTRICAL SERVICES PASSING THROUGH DEMOLITION AREA AND SERVING OTHER AREAS OUTSIDE THE DEMOLITION LIMITS. MAINTAIN SERVICES TO AREAS OUTSIDE DEMOLITION LIMITS. WHEN SERVICES MUST BE INTERRUPTED, INSTALL TEMPORARY SERVICES FOR AFFECTED AREAS.
 - SALVAGE MOTORS, MOTOR CONTROLLERS, AND OPERATING AND CONTROL EQUIPMENT THAT ARE ATTACHED TO THE DRIVEN EQUIPMENT WHERE LISTED ON THE SALVAGE SCHEDULE. WIRING SYSTEMS, COMPONENTS, AND MATERIALS NOT SCHEDULED FOR SALVAGE SHALL BE REMOVED FROM THE SITE AND DISPOSE OF IT AS REQUIRED BY THE LOCAL AUTHORITY. DISCONNECT PRIMARY, SECONDARY, CONTROL, COMMUNICATION, AND SIGNAL CIRCUITS AT THE POINT OF ATTACHMENT TO THEIR DISTRIBUTION SYSTEM AND DISPOSE OF AS WELL.
 - REMOVE ALL ELECTRICAL FIXTURES SALVAGING ONLY THOSE LISTED ON THE SALVAGE SCHEDULE. SALVAGE UNPROTECTED GLASSWARE FROM THE FIXTURE SEPARATELY. INCANDESCENT, MERCURY-VAPOR, AND FLUORESCENT LAMPS AND FLUORESCENT BALLASTS MANUFACTURED PRIOR TO 1978, SHALL BE TAGGED FOR IDENTIFICATION AS POTENTIALLY HAZARDOUS MATERIALS, PROTECTED FROM BREAKAGE, AND PROPERLY DISPOSED OF.
 - REMOVE ALL SWITCHES, SWITCHGEAR, TRANSFORMERS, CONDUCTORS INCLUDING WIRE AND NONMETALLIC SHEATHED AND FLEXIBLE ARMORED CABLE, REGULATORS, METERS, INSTRUMENTS, PLATES, CIRCUIT BREAKERS, PANELBOARDS, OUTLET BOXES, AND SIMILAR ITEMS. ALL MATERIALS NOT SCHEDULED FOR SALVAGE SHALL BE REMOVED FROM THE SITE AND DISPOSE OF IT AS REQUIRED BY THE LOCAL AUTHORITY.
 - REMOVE ALL WIRING DUCTS OR TROUGHS. DISMANTLE PLUG-IN DUCTS AND WIRING TROUGHS INTO UNIT LENGTHS. REMOVE PLUG-IN OR DISCONNECTING DEVICES FROM THE BUSWAY. MATERIALS NOT SCHEDULED FOR SALVAGE SHALL BE REMOVED FROM THE SITE AND DISPOSE OF IT AS REQUIRED BY THE LOCAL AUTHORITY.
 - REMOVE ALL CONDUITS INCLUDING THOSE EMBEDDED IN CONCRETE OR MASONRY. ALL MATERIALS NOT SCHEDULED FOR SALVAGE SHALL BE REMOVED FROM THE SITE AND DISPOSE OF IT AS REQUIRED BY THE LOCAL AUTHORITY.

SCHEDULE

THE DEMOLITION WILL OCCUR IN TWO PHASES:

PHASE 1 (REFER TO SEPARATE CONSTRUCTION DOCUMENTS)
THE FIRST PHASE WILL INCLUDE THE ISOLATION OF THE MULTI-STORY PHYSICIAN'S OFFICE BUILDING FROM THE REST OF THE STRUCTURE. THIS EFFORT WILL INCLUDE THE CONSTRUCTION OF AN EXPANDED VESTIBULE AND ACCESS PATHS AT THE EXISTING STAIR TOWER. THE EFFORT WILL ALSO INCLUDE SOME BUILDING UTILITY WORK AS NOTED BELOW:

ELECTRICAL:
IN ORDER TO ELECTRICALLY ISOLATE AND MAINTAIN SYSTEM OPERATIONS OF THE MULTI-STORY PHYSICIAN'S OFFICE BUILDING, THE CONTRACTOR SHALL DISCONNECT ALL ELECTRICAL DEVICES, LIGHTING CIRCUITS, AND MECHANICAL EQUIPMENT FEEDERS SERVING IN THE CONNECTOR BUILDING AND MRI BUILDING. THE MRI BUILDING, THE STAIR TOWER, AND CONNECTOR BUILDING ARE DETERMINED TO FEED FROM THE PHYSICIAN'S OFFICE BUILDING.
AS PART OF THIS FIRST PHASE OF THE WORK, ALL POWER AND LIGHTING PANELS AND TRANSFORMERS WITHIN THE MRI ADDITION ARE TO BE REMOVED ALONG WITH ALL ASSOCIATED FEEDERS BACK TO THE SOURCE CONNECTION POINT IN THE PHYSICIAN'S OFFICE BUILDING. AT THE SOURCE PANELBOARDS AND SWITCHBOARDS WITHIN THE PHYSICIAN'S OFFICE BUILDING, TURN CIRCUIT BREAKER(S) TO THE OFF POSITION AND LABEL AS "SPARE". RESTORE CONNECTION TO EXISTING DEVICES FOR OPERATION AS BEFORE IF INTERRUPTED BY DEMOLITION. REMOVE ALL CIRCUITRY CROSSING BETWEEN BUILDINGS BACK TO THE NEXT ACTIVE OUTLET, FIXTURE, OR EQUIPMENT OR BACK TO THE SOURCE PANELBOARD IF THE CIRCUIT IS NO LONGER ACTIVE AS NOTED ABOVE.
ELECTRICAL DEVICES, FIXTURES, AND EQUIPMENT IN THE EXISTING STAIR TOWER ARE EXISTING TO REMAIN. CIRCUITS SERVING THIS AREA ARE TO BE MAINTAINED AND ADJUSTED AS REQUIRED TO KEEP THE EGRESS STAIR TOWER OPERATIONAL THROUGHOUT THE PROJECT DURATION. EXIT DISCHARGE LIGHTING AT THE STAIR EXIT SHALL BE RELOCATED AS NECESSARY TO ACCOMMODATE THE NEW DOOR LOCATION.
ALL FIRE ALARM DEVICES IN THE CONNECTOR BUILDING AND THE EXISTING STAIR TOWER SHALL BE DISCONNECTED, AND ALL WIRING SHALL BE REMOVED BACK TO THE SOURCE IN VHC BUILDING. FIRE ALARM DEVICES IN THE EXISTING STAIR TOWER SHALL BE RECONNECTED TO THE FIRE ALARM SYSTEM IN PHYSICIAN'S OFFICE BUILDING. THE EXISTING FIRE ALARM CONTROL PANEL SHALL BE ADJUSTED TO ACCOMMODATE THESE ADDITIONAL DEVICES. OTHER FIRE ALARM DEVICES IN THE CONNECTOR BUILDING SHALL BE REMOVED AS WELL AS ALL FIRE ALARM BRANCH CIRCUITRY, ELECTRICAL DEVICES AND FIXTURES, PANELBOARDS, AND FEEDERS IN THE MRI ADDITION.
ALL ELECTRICAL SERVICES TO THE EXISTING VIRGINIA HOSPITAL CENTER (BLDG 601) ARE TO BE DISCONNECTED. TEMPORARY SERVICES ARE TO BE PROVIDED AS NECESSARY TO FEED THE BLDG 601 PARKING LOT LIGHTS, FIRE ALARM SYSTEM, SECURITY SYSTEM, AND NEWLY INSTALLED LIGHTING FIXTURES.

PHASE 2
THE TEMPORARY ELECTRICAL SERVICES PROVIDED IN PHASE ONE SHALL BE DISCONNECTED. ONCE THE PHYSICIAN'S OFFICE BUILDING IS FULLY ISOLATED AND THE EGRESS STAIR TOWER RENOVATION AND EGRESS PATH IS COMPLETE, THE SECOND PHASE OF THE DEMOLITION CAN PROCEED. THE SECOND PHASE OF DEMOLITION WILL INCLUDE THE COMPLETE DEMOLITION OF THE EXISTING VIRGINIA HOSPITAL CENTER (BUILDING 601), THE REMAINING PORTION OF THE CONNECTOR BUILDING.

DEMOLITION PHASING NOTE

MEP DEMOLITION PHASING MAY BE AFFECTED BY CIVIL DEMOLITION PHASING. GENERAL CONTRACTOR SHALL COORDINATE ALL DEMOLITION PHASING.

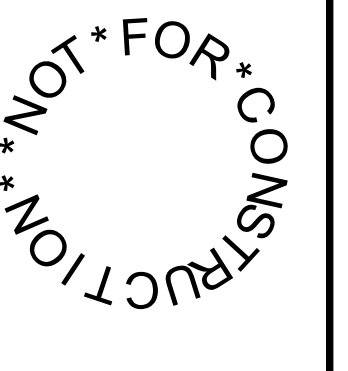
DRAWING LIST

2-E-001	COVER SHEET - ELECTRICAL
2-E-101	SITE PLAN - ELECTRICAL
2-E-102	LOWER LEVEL PLAN - ELECTRICAL
2-E-103	UPPER LEVEL PLAN - ELECTRICAL

DATE	06.22.2022	PROJECT	133566.28	GTH	GTH	GTH
DESIGNED		DRAWN		CHECKED		
MARK		DATE		REVISIONS		
BY		DES				

DATE	06.22.2022	PROJECT	133566.28	GTH	GTH	GTH
DESIGNED		DRAWN		CHECKED		
MARK		DATE		REVISIONS		
BY		DES				

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2900 South Quincy Street, Suite 710
Arlington, Virginia 22206
(703)998-0101

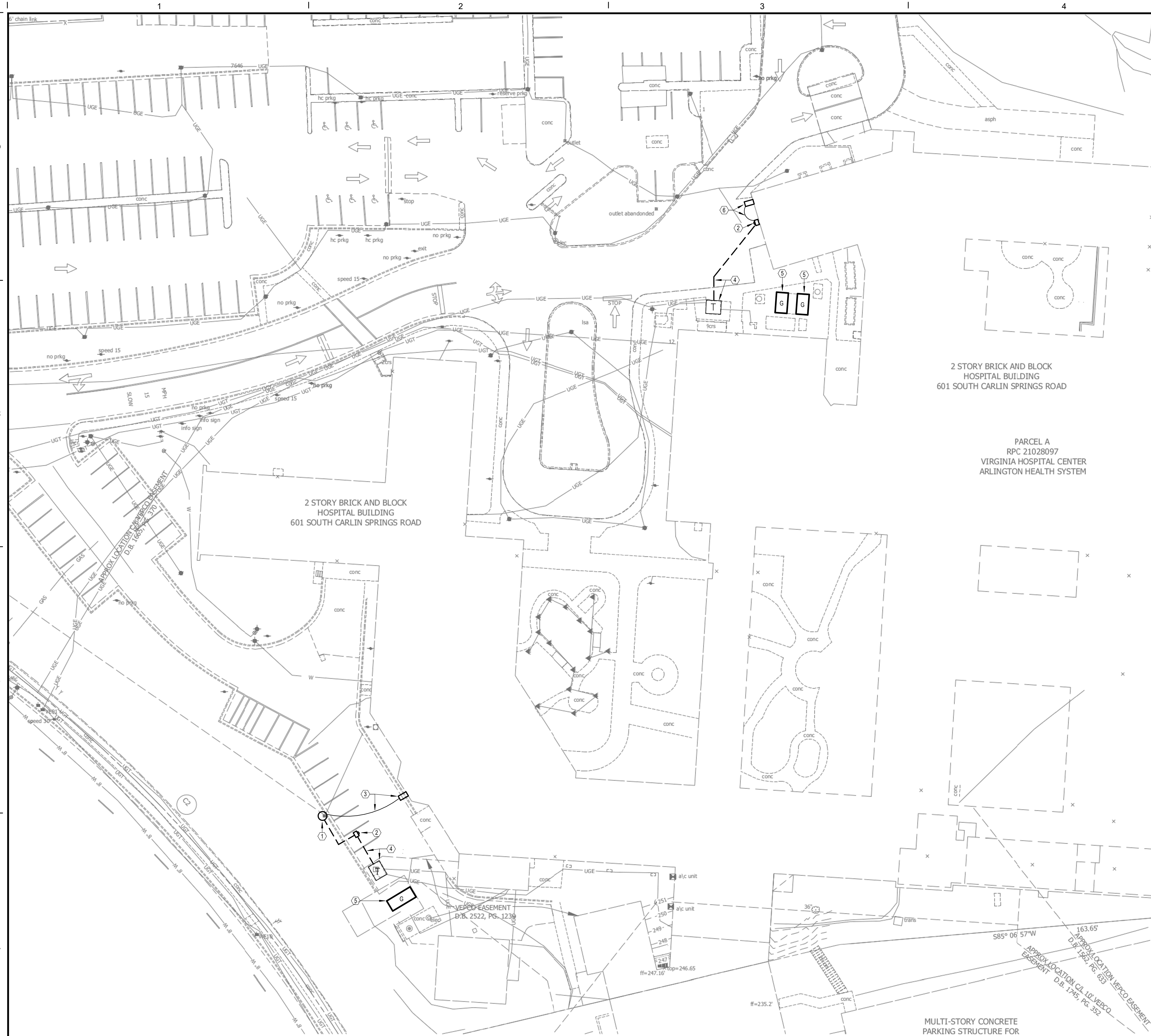


PROJECT VIRGINIA HOSPITAL CENTER DEMOLITION - PHASE 2
ARLINGTON, VA
611 S CARLIN SPRINGS ROAD, ARLINGTON, VA 22204.
DRAWING COVER SHEET - ELECTRICAL

GPI
Greenman-Pedersen, Inc.
Engineering and Construction Services
8001 Braddock Road, Suite 200, Springfield, VA 22151
703-978-0100 www.gpinet.com
Project #: 201932200



SHEET
2-E-001



GENERAL NOTES - ELECTRICAL

1. REFER TO ELECTRICAL COVER SHEET FOR PROJECT SCOPE, ADDITIONAL SPECIFICATIONS & SCHEDULE.

KEYED NOTES - ELECTRICAL

1. UTILITY POLE TO BE DEMOLISHED. REMOVE ALL WIRING, CONDUITS, DISCONNECTS, AND ASSOCIATED GROUND RODS.
 2. COORDINATE WITH DOMINION ENERGY FOR THE DISCONNECTION OF TEMPORARY SERVICES. DISCONNECT METERING EQUIPMENT AND REMOVE METER STRUCTURE. RETURN METER EQUIPMENT TO DOMINION ENERGY. REMOVE ALL WIRING AND CONDUITS FROM THE METER STRUCTURE TO THE ADJACENT UTILITY POLE. REMOVE GROUND RODS.
 3. REMOVE EXISTING SERVICE DISCONNECT, WEATHERHEADS, PULL BOXES, AND OVERHEAD WIRING FROM THE SERVICE ENTRANCE POINT TO THE UTILITY POLE.
 4. DOMINION ENERGY-OWNED UTILITY TRANSFORMER AND UNDERGROUND SERVICE LATERAL. DOMINION ENERGY TO DISCONNECT AND REMOVE.
 5. EXISTING DIESEL GENERATOR TO BE REMOVED.
 6. REMOVE EXISTING SERVICE DISCONNECT AND WIRING FROM THE SERVICE ENTRANCE POINT TO THE UTILITY METER STRUCTURE.

MARK	DATE	BY	DES

DATE	06.22.2022
PROJECT	13356.28
DESIGNED	
DRAWN	
CHECKED	

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 Arlington, Virginia 22206
 (703)998-0101



PROJECT VIRGINIA HOSPITAL CENTER DEMOLITION - PHASE 2
 ARLINGTON, VA
 611 S CARLIN SPRINGS ROAD, ARLINGTON, VA 22204.
 DRAWING SITE PLAN - ELECTRICAL

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 Greenman-Pedersen, Inc.
 Engineering and Construction Services
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 703-978-0100 www.gpinet.com
 Project #: 2019322.00

Electrical Site Plan
 SCALE: 1" = 24'



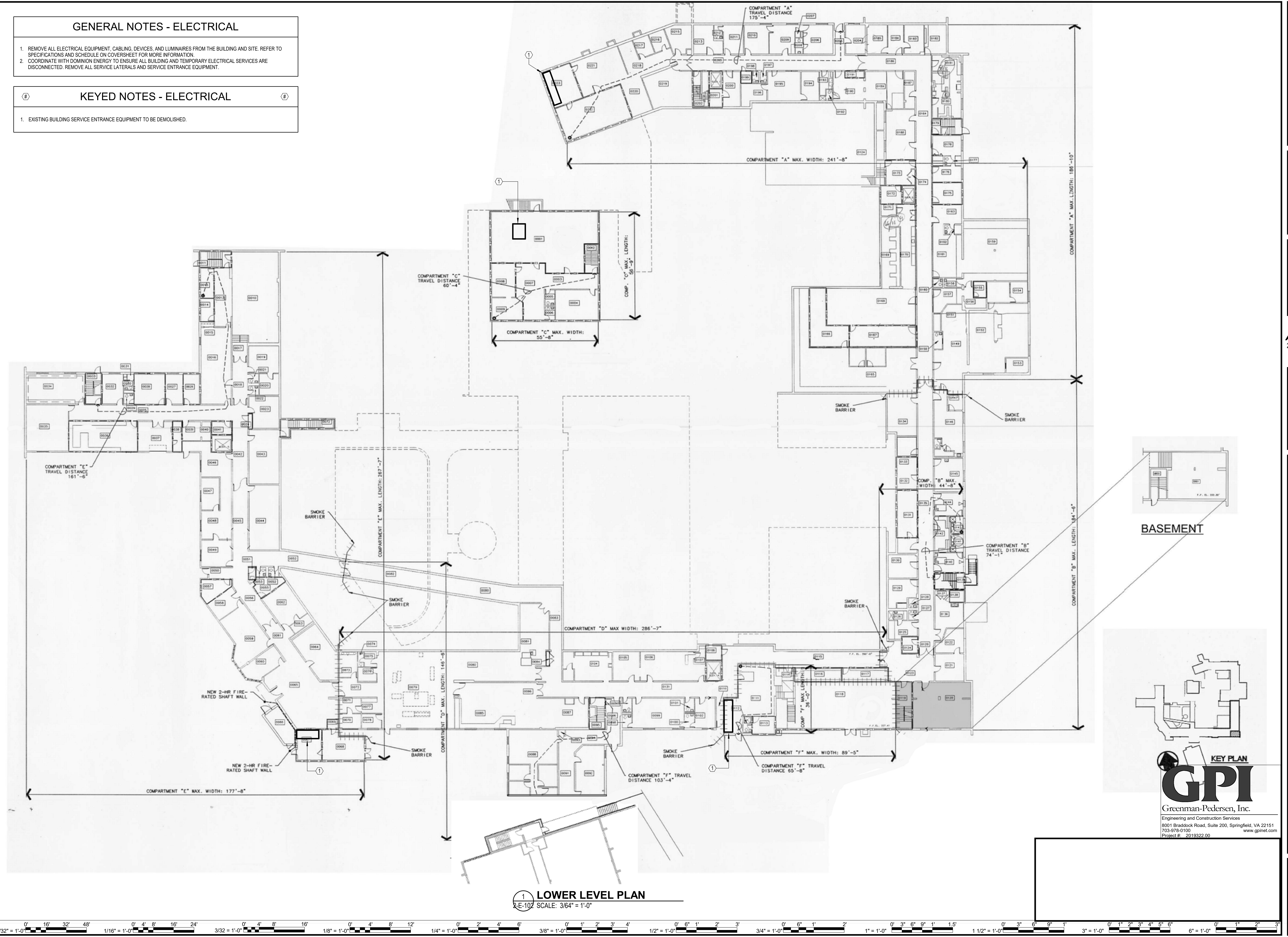
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GENERAL NOTES - ELECTRICAL

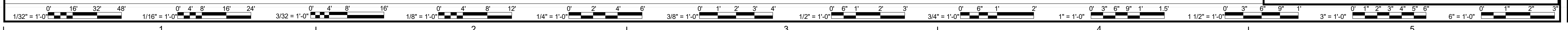
1. REMOVE ALL ELECTRICAL EQUIPMENT, CABLING, DEVICES, AND LUMINAIRES FROM THE BUILDING AND SITE. REFER TO SPECIFICATIONS AND SCHEDULE ON COVERSHEET FOR MORE INFORMATION.
2. COORDINATE WITH DOMINION ENERGY TO ENSURE ALL BUILDING AND TEMPORARY ELECTRICAL SERVICES ARE DISCONNECTED. REMOVE ALL SERVICE LATERALS AND SERVICE ENTRANCE EQUIPMENT.

KEYED NOTES - ELECTRICAL

1. EXISTING BUILDING SERVICE ENTRANCE EQUIPMENT TO BE DEMOLISHED.



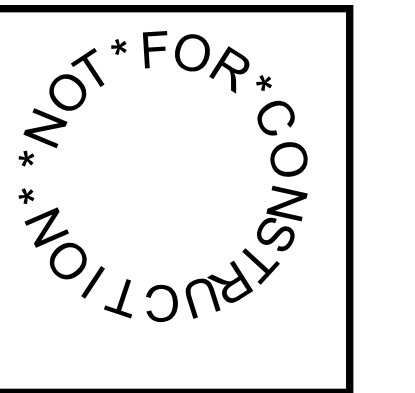
1 LOWER LEVEL PLAN
 2-E-102 SCALE: 3/16" = 1'-0"



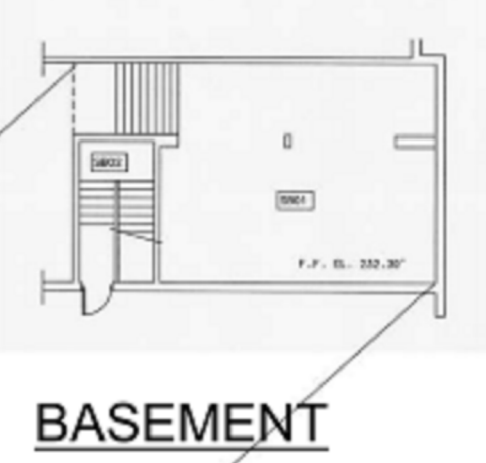
REVISIONS	MARK	DATE	BY	DES

DATE	06.22.2022
PROJECT	13356.28
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PROJECT VIRGINIA HOSPITAL CENTER DEMOLITION - PHASE 2
 ARLINGTON, VA
 611 S CARLIN SPRINGS ROAD, ARLINGTON, VA 22204.
 DRAWING LOWER LEVEL PLAN - ELECTRICAL

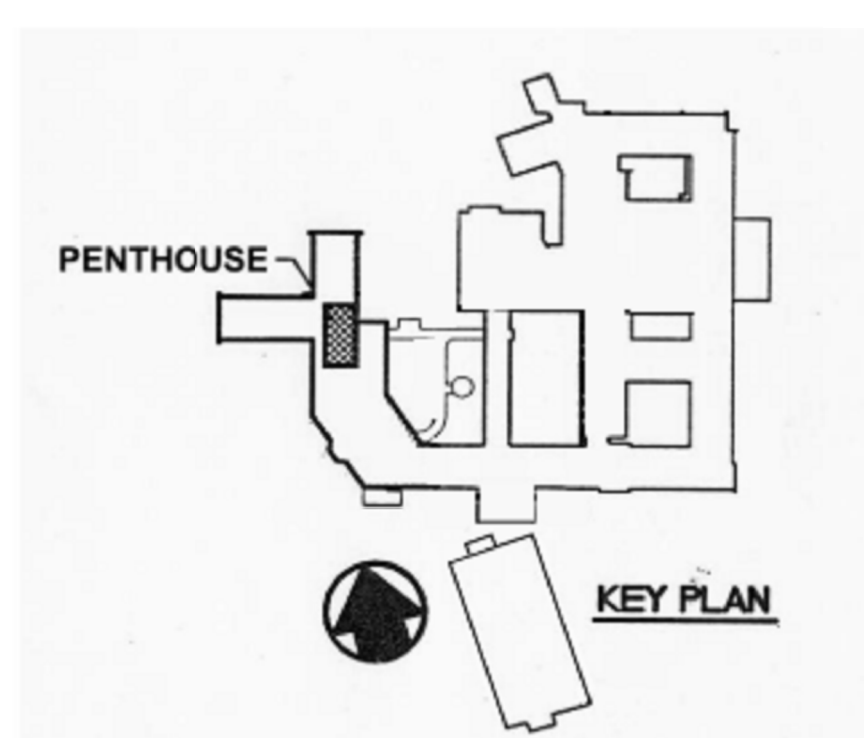
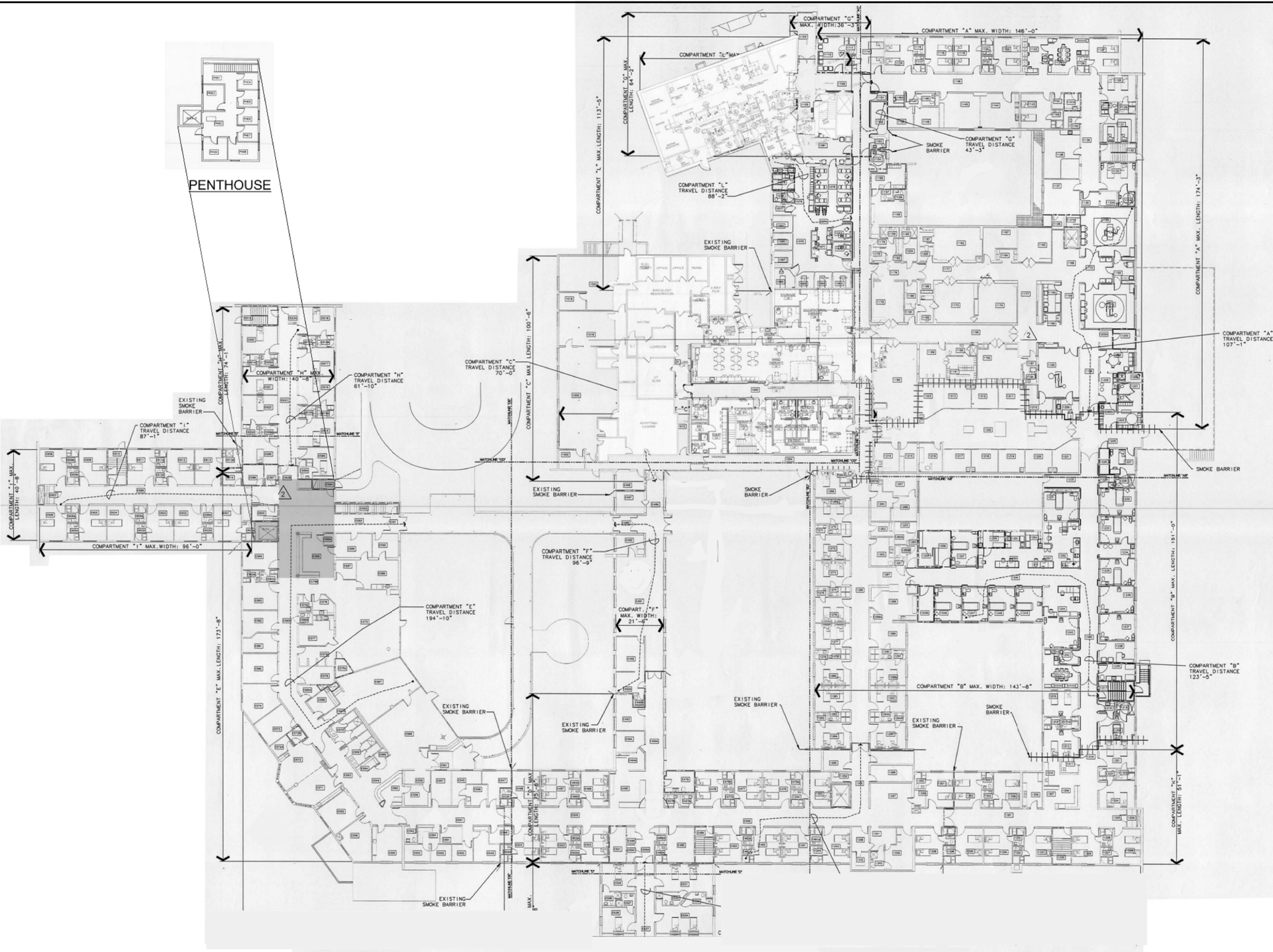


BASEMENT

KEY PLAN
GPI
 Greenman-Pedersen, Inc.
 Engineering and Construction Services
 8001 Braddock Road, Suite 200, Springfield, VA 22151
 703-978-0100 www.gpinet.com
 Project #: 2019322.00

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GENERAL NOTES - ELECTRICAL

1. REMOVE ALL ELECTRICAL EQUIPMENT, CABLING, DEVICES, AND LUMINAIRES FROM THE BUILDING AND SITE. REFER TO SPECIFICATIONS AND SCHEDULE ON COVER SHEET FOR MORE INFORMATION.
2. COORDINATE WITH DOMINION ENERGY TO ENSURE ALL BUILDING AND TEMPORARY ELECTRICAL SERVICES ARE DISCONNECTED. REMOVE ALL SERVICE LATERALS AND SERVICE ENTRANCE EQUIPMENT.

1 UPPER LEVEL PLAN
 &E-103 SCALE: 3/64" = 1'-0"



DATE	PROJECT	DESIGNED	DRAWN	CHECKED	MARK	DATE	BY	DES
06.22.2022	13356.28	GTH	GTH	GTH				

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	MARK	DATE	BY	DES
06.22.2022	13356.28	GTH	GTH	GTH				

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PROJECT VIRGINIA HOSPITAL CENTER DEMOLITION - PHASE 2
 ARLINGTON, VA
 611 S CARLIN SPRINGS ROAD, ARLINGTON, VA 22204.
 DRAWING UPPER LEVEL PLAN - ELECTRICAL

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 Engineering and Construction Services
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 Project #: 2019322.00

SHEET
2-E-103