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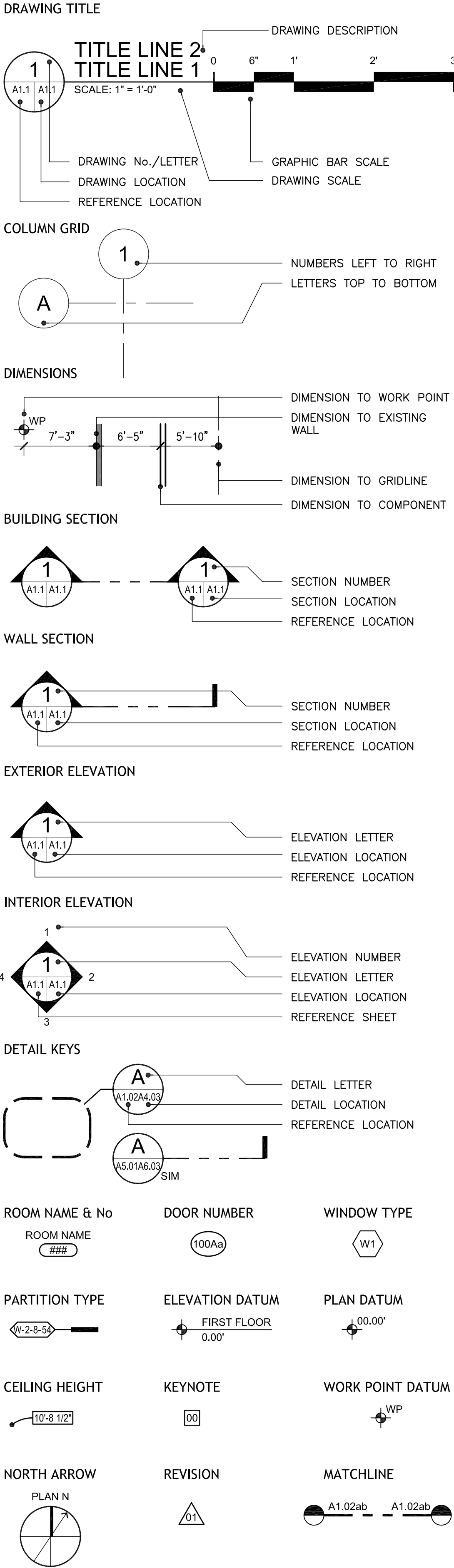
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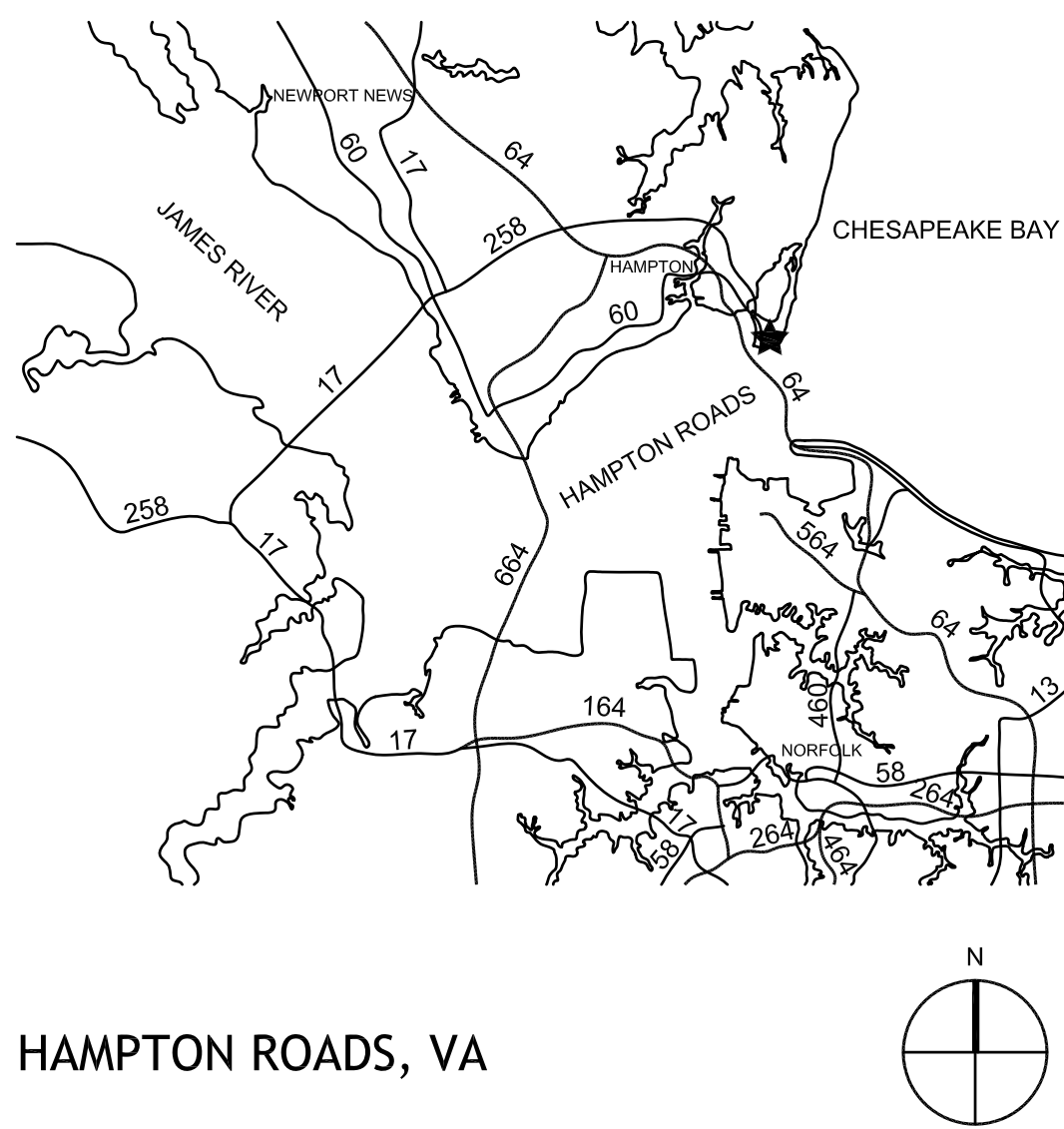
A

SYMBOLS

REFER TO RESPECTIVE DRAWINGS FOR SYMBOLS NOT INDICATED BELOW.



VICINITY MAP



PROJECT TITLE

FORT MONROE VISITOR AND EDUCATION CENTER

OCTOBER 25, 2017

100% WORKING DRAWINGS



PROJECT DATA

REFER TO SHEET L50.00 FOR CODE
AND BUILDING DATA INFORMATION.

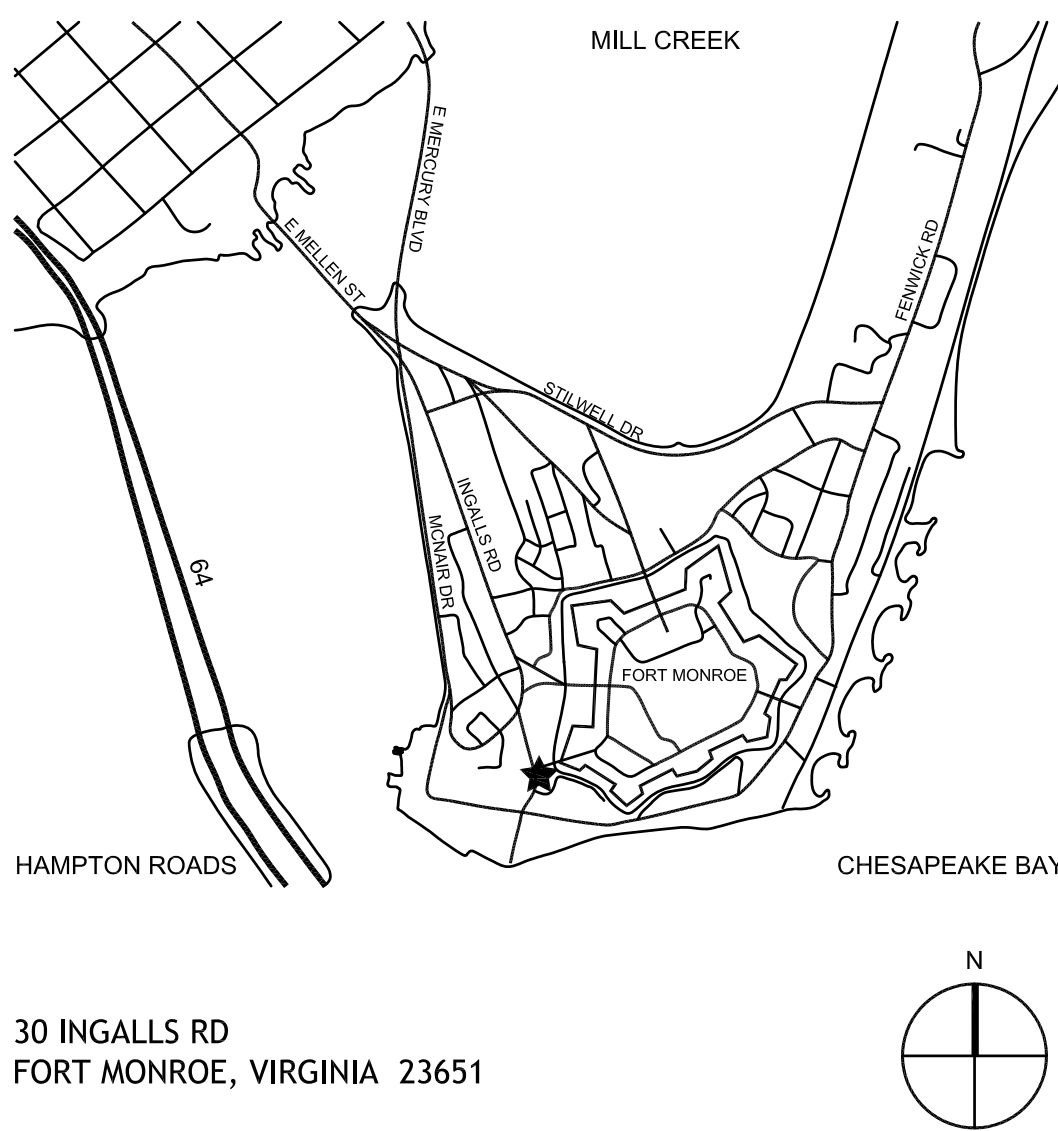
ASBESTOS DISCLOSURE STATEMENT

No asbestos containing material shall be used on this project. An asbestos inspection was performed and ACM was found generally in the area indicated. The asbestos inspection report is included as an appendix to the project manual. The Owner shall submit an application for permit to have the asbestos-containing materials abated by a licensed asbestos contractor under a separate contract using approved procedures prior to issuing a Notice to Proceed to the General Contractor. Any ACM that is to remain and the new non asbestos-containing material shall be labeled accordingly. The asbestos abatement contractor shall mark up the as-built drawings resulting from its work to include areas where asbestos was abated, areas where asbestos was encapsulated, and areas where ACM exist but were left in place. The General Contractor shall review and certify the locations where ACM was abated, areas where ACM was encapsulated and areas where ACM was left in place as marked on the record drawings and will provide the drawings to the Architect.

LEAD MATERIALS DISCLOSURE

An inspection to identify lead containing or coated building components has been conducted and can be found in the project manual. This report is provided for the contractor's use and may not be all inclusive. It is the contractor's responsibility to comply with all Virginia Occupational Safety and Health (VOSH) regulations as they pertain to employee exposures to lead. All lead and lead-coated building components shall be recycled to the extent possible.

LOCATION MAP



DRAWING INDEX

T1.01 PROJECT INFORMATION
1 Title Sheet

CIVIL

- C1.00 SURVEY
- C2.00 PRE-CONSTRUCTION PLAN
- C3.00 OVERALL IMPROVEMENTS PLAN
- C3.01 SITE ENLARGEMENT PLANS
- C3.02 SITE ENLARGEMENT PLANS
- C3.03 SITE ENLARGEMENT PLANS
- C4.00 GRADING AND UTILITY PLAN
- C5.00 NOTES
- C6.00 EROSION & SEDIMENT CONTROL DETAILS
- C7.00 SITE DETAILS
- C7.01 SITE DETAILS
- C8.00 IMPROVEMENT DETAILS
- C8.01 IMPROVEMENT DETAILS
- C8.02 IMPROVEMENT DETAILS
- 14 Civil Sheets

LANDSCAPE

- L1.00 PLANTING PLAN
- L1.01 PLANTING NOTES, SCHEDULE & DETAILS
- 2 Landscape Sheets

LIFE SAFETY

- L50.00 LIFE SAFETY REFERENCE SHEET
- L51.00 BASEMENT LIFE SAFETY PLAN
- L51.01 FIRST FLOOR LIFE SAFETY PLAN
- L51.02 SECOND FLOOR LIFE SAFETY PLAN
- 4 Life Safety Sheets

ARCHITECTURAL DEMOLITION

- AD1.00 BASEMENT DEMOLITION PLAN
- AD1.01 FIRST FLOOR DEMOLITION PLAN
- AD1.02 SECOND FLOOR DEMOLITION PLAN
- AD1.04 ROOF DEMOLITION PLAN
- AD2.01 EAST DEMO ELEVATION
- AD2.02 NORTH AND SOUTH DEMO ELEVATIONS
- 6 Architectural Demolition Sheets

ARCHITECTURAL

- A1.00 BASEMENT FLOOR PLAN
- A1.01 FIRST FLOOR PLAN
- A1.02 SECOND FLOOR PLAN
- A1.03 ATTIC PLAN
- A1.04 ROOF PLAN
- A2.01 EAST AND WEST ELEVATIONS
- A2.02 NORTH AND SOUTH ELEVATIONS
- A3.01 CROSS SECTIONS
- A3.02 LONGITUDINAL SECTIONS
- A3.03 CROSS SECTION
- A3.11 WALL SECTIONS
- A3.12 WALL SECTIONS
- A3.13 WALL SECTIONS
- A3.14 WALL SECTIONS
- A3.15 WALL SECTIONS
- A4.01 PARTITION TYPES
- A4.10 PLAN DETAILS
- A4.11 SOFFIT AND ROOF DETAILS
- A4.20 NORTH ADDITION DETAILS AND PRECAST PROFILES
- A4.21 SOUTH ADDITION DETAILS AND PRECAST PROFILES
- A4.22 PORTICO DETAILS
- A4.23 PRECAST DETAILS
- A4.30 MOULDING PROFILES
- A5.01 DOOR SCHEDULE
- A5.02 DOOR DETAILS
- A5.11 WINDOW SCHEDULE, TYPES AND DETAILS
- A6.01 STAIR 1
- A6.02 STAIR 2
- A6.03 STAIR 2B
- A6.11 ELEVATOR
- A7.01 BATHROOM PLANS AND ELEVATIONS
- A7.02 BATHROOM PLANS AND ELEVATIONS
- A7.03 BATHROOM PLANS AND ELEVATIONS
- A7.04 BATHROOM DETAILS
- A7.10 ORIENTATION ROOM 110 INTERIOR ELEVS
- A7.11 EXHIBIT 1 ROOM 150 INTERIOR ELEVS
- A7.12 EXHIBIT 2, INFO DESK, & OTHER FIRST FLOOR INTERIOR ELEVATIONS
- A7.20 EVENT SPACE ROOM 250 ELEVATIONS
- A7.21 READING ROOM 210 INTERIOR ELEVATIONS
- A8.00 BASEMENT FINISH PLAN
- A8.01 FIRST FLOOR FINISH PLAN
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- A9.00 BASEMENT REFLECTED CEILING PLAN
- A9.01 FIRST FLOOR REFLECTED CEILING PLAN
- A9.02 SECOND FLOOR REFLECTED CEILING PLAN
- 46 Architectural Sheets

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- S0.00 GENERAL NOTES & DRAWING LIST
- S0.01 ABBREVIATIONS & DESIGN LOADS
- S0.02 SPECIAL INSPECTIONS
- S0.03 SPECIAL INSPECTIONS
- S1.00 BASEMENT AND FOUNDATION PLAN
- S1.01 FIRST FLOOR FRAMING PLAN
- S1.02 SECOND FLOOR FRAMING PLAN
- S1.03 ROOF FRAMING PLAN
- S2.02 ELEVATIONS
- S3.00 CONCRETE SCHEDULES & UNDERPINNING
- S3.01 TYPICAL CONCRETE FOUNDATION DETAILS
- S3.02 TYPICAL CONCRETE SLAB AND MISC. DETAILS
- S3.03 CONCRETE FOUNDATION DETAILS
- S4.00 NEW CMU DETAILS
- S4.01 EXISTING MASONRY WALL DETAILS
- S4.02 SECTIONS & DETAILS
- S5.00 TYPICAL STRUCTURAL STEEL DETAILS
- S5.01 TYPICAL STEEL DECKING DETAILS
- S5.02 STEEL SECTIONS AND DETAILS
- S6.00 TERRA COTTA DETAILS
- 20 Structural Sheets

FIRE PROTECTION

- SP0.1 GENERAL NOTES, LEGEND, AND ABBREVIATIONS
- SP1.0 BASEMENT FLOOR PLAN - NEW WORK
- SP1.1 FIRST FLOOR PLAN - NEW WORK
- SP1.2 SECOND FLOOR PLAN - NEW WORK
- SP5.1 NEW WORK BUILDING SECTION
- 5 Fire Protection Sheets

PLUMBING

- PM.1 GENERAL NOTES, LEGEND AND ABBREVIATIONS
- PM.2 FIXTURE PLATES
- PM.3 FIXTURE PLATES
- PM.4 PHOTOS
- PM1.0 BASEMENT FLOOR PLAN - DEMOLITION
- PM1.1 FIRST FLOOR PLAN - DEMOLITION
- PM1.2 SECOND FLOOR PLAN - DEMOLITION
- PM1.3 ROOF FLOOR PLAN - DEMOLITION
- PM1.0 BASEMENT FLOOR PLAN - NEW WORK
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- PM1.2 SECOND FLOOR PLAN - NEW WORK
- PM1.3 ROOF FLOOR PLAN - NEW WORK
- RISERS
- 13 Plumbing Sheets

MECHANICAL

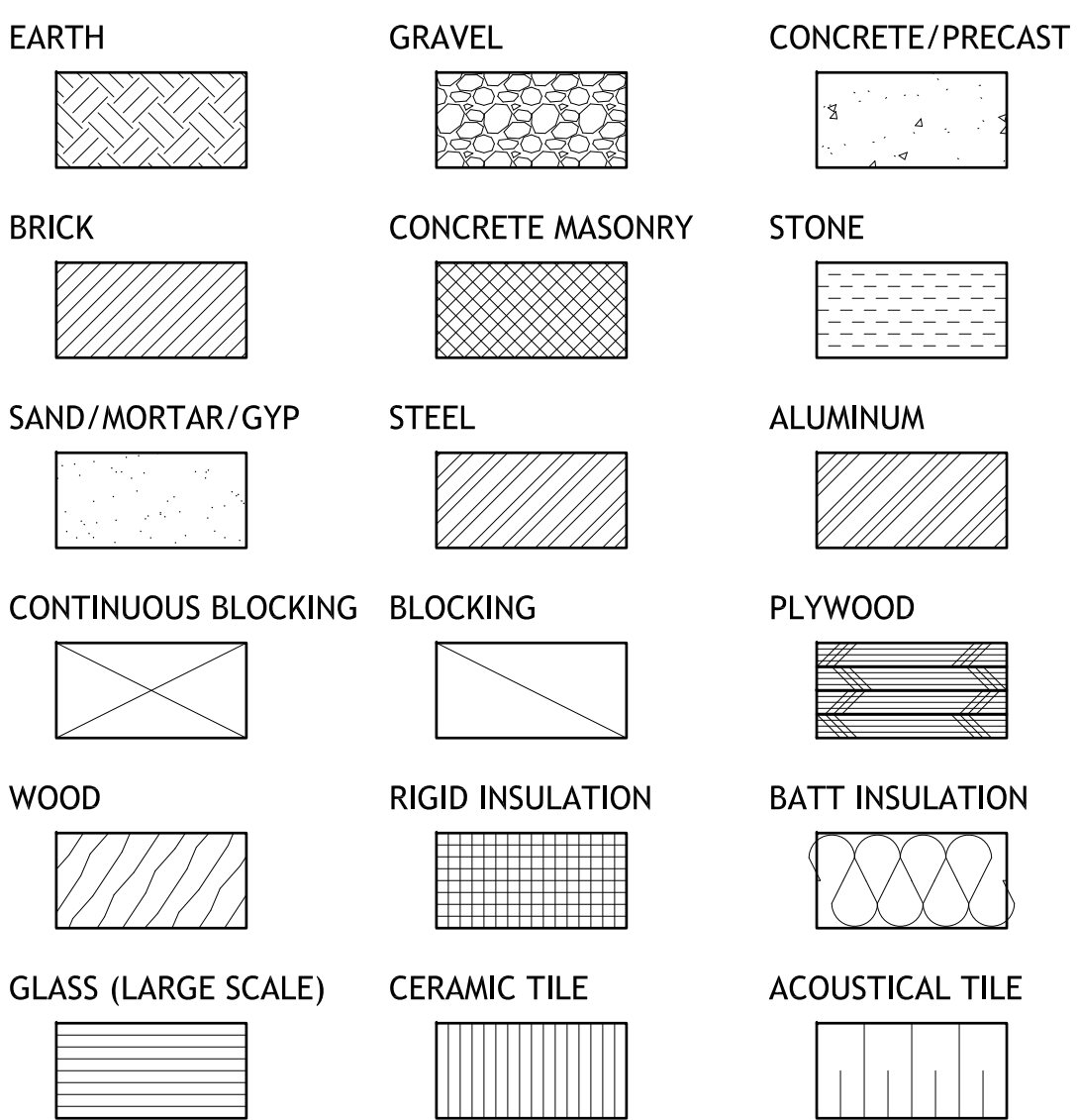
- M0.01 GENERAL NOTES, LEGEND AND ABBREVIATIONS
- M0.02 SITE PLAN - NEW WORK
- MD1.01 BASEMENT FLOOR PLAN - DEMOLITION
- MD1.02 FIRST FLOOR PLAN - DEMOLITION
- MD1.03 SECOND FLOOR PLAN - DEMOLITION
- M1.01 BASEMENT FLOOR DUCTWORK PLAN - NEW WORK
- M1.02 FIRST FLOOR DUCTWORK PLAN - NEW WORK
- M1.03 SECOND FLOOR DUCTWORK PLAN - NEW WORK
- M1.04 ATTIC DUCTWORK PLAN - NEW WORK
- M1.05 ROOF DUCTWORK PLAN - NEW WORK
- M2.01 BASEMENT FLOOR PIPING PLAN - NEW WORK
- M2.02 FIRST FLOOR PIPING PLAN - NEW WORK
- M2.03 SECOND FLOOR PIPING PLAN - NEW WORK
- M1.04 ATTIC PIPING PLAN - NEW WORK
- M3.01 SECTIONS
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- M5.01 DETAILS
- M5.02 DETAILS
- M5.03 DETAILS
- M6.01 FLOW DIAGRAMS
- M6.02 SCHEDULES
- M6.03 SCHEDULES AND GAS PIPING DIAGRAM
- M7.01 CONTROLS
- M7.02 CONTROLS
- M7.03 CONTROLS
- M7.04 CONTROLS
- 26 Mechanical Sheets

ELECTRICAL

- ED.01 GENERAL NOTES
- ED.02 LEGEND & ABBREVIATIONS
- ED.03 SITE PLAN
- ED.04 SITE DETAILS
- ED1.00 BASEMENT FLOOR LIGHTING PLAN - DEMOLITION
- ED1.01 FIRST FLOOR LIGHTING PLAN - DEMOLITION
- ED1.02 SECOND FLOOR LIGHTING PLAN - DEMOLITION
- ED2.00 BASEMENT FLOOR POWER PLAN - DEMOLITION
- ED2.01 FIRST FLOOR POWER PLAN - DEMOLITION
- ED2.02 SECOND FLOOR POWER PLAN - DEMOLITION
- E1.00 BASEMENT FLOOR LIGHTING PLAN - NEW WORK
- E1.01 FIRST FLOOR LIGHTING PLAN - NEW WORK
- E1.02 SECOND FLOOR LIGHTING PLAN - NEW WORK
- E2.00 BASEMENT FLOOR POWER PLAN - NEW WORK
- E2.01 FIRST FLOOR POWER PLAN - NEW WORK
- E2.02 SECOND FLOOR POWER PLAN - NEW WORK
- E2.03 ATTIC POWER PLAN - NEW WORK
- E2.04 ROOF POWER PLAN - NEW WORK
- ES.00 BASEMENT FLOOR SPECIAL SYSTEMS PLAN - NEW WORK
- E3.01 FIRST FLOOR SPECIAL SYSTEMS PLAN - NEW WORK
- E3.02 SECOND FLOOR SPECIAL SYSTEMS PLAN - NEW WORK
- E3.03 ATTIC SPECIAL SYSTEMS PLAN - NEW WORK
- E4.00 DETAILS
- E4.01 DETAILS
- ES.00 LIGHTING DETAILS
- ES.01 LIGHTING DETAILS
- ES.00 RISER DIAGRAMS
- E7.00 PANELBOARD SCHEDULES
- 28 Electrical Sheets

165 Total Sheets

MATERIAL HATCHES



ABBREVIATION LIST

A	A/C	AIR CONDITIONING	CPT	BROADLOOM CARPET
	APC	ACOUSTICAL PANEL CEILING	CPT-T	CARPET TILE
	ATC	ACOUSTICAL TILE CEILING	CU FT	CUBIC FEET
	ADJ	ADJACENT, ADJUSTABLE		
	AFJ	ABOVE FINISH FLOOR	D	DD
	AJK	AUTHORITY HAVING JURISDICTION	DIA	DIAMETER
	ALT	ALTERNATE	DIA	DIAGONAL
	ALUM	ALUMINUM	DIM	DIMENSION
	APPROX	APPROXIMATE	DN	DOWN
	AR	AREA OF REFUGE	DS	DOWN SPOUT
	ARCH	ARCHITECT(URAL)	DWG(S)	DRAWING(S)
	AWC	ACOUSTICAL WALLCOVERING		
	AWP	ACOUSTICAL WALL PANEL		
B			E	E
	BA	BOARD	EA	EACH
	BEJ	BUILDING EXPANSION JOINT	EJ	EXPANSION JOINT
	BLDG	BUILDING	EL	ELEVATION
	BLKG	BLOCKING	ELEC	ELECTRICAL
	BLKS	BLOCKING	ELEV	ELEVATOR
	BRK	BLOCK	EMER	EMERGENCY
	BOT	BOTTOM	EPDM	ETHYLENE PROPYLENE
				DIENE MONOMER
			EQ	EQUAL
			EQUIP	EQUIPMENT
			EXP	EXPOSED
			EXIST	EXISTING
C			EXT	EXTERIOR
	CL	CEILING		
	CLO	CLOSET		
	CMU	CONCRETE MASONRY UNIT	F	F
	CO	CASED OPENING	FAB	FABRIC
	COL	COL-UMN	FD	FLOOR DRAIN, FIRE DAMPER
	CONC	CONCRETE	FE	FIRE EXTINGUISHER
	CORR	CORRIDOR, CORRUGATED	FEC	FIRE EXTINGUISHER CABINET

FG	FIBERGLASS	K	KIT	KITCHEN
FHC	FIRE HOSE CABINET	KO	KNOCK OUT	
FIN	FINISH			
FLR	FLOOR	L	LENGTH	
FRT	FIRE RETARDANT TREATED	L	LABORATORY	
FS	FRAME SIZE	LAM	LAMINATE(E), (ED), (ION)	
FT	FOOT, FEET	LINO	LINOLEUM	
FTG	FOOTING	LT		

G	GA	GUAGE	M	MAS	MASONRY
GALV	GALVANIZED		MATL	MATERIAL	
GC	GENERAL CONTRACTOR		LAM	LAMINATE(E), (ED), (ION)	
GYP	GYPSUM		MECH	MECHANICAL	
GW	GYPSUM WALL BOARD		MED	MEDIUM	
			MFR	MANUFACTURER	
			MIN	MINIMUM	
			MIR	MIRROR	
			MISC	MISCELLANEOUS	
			MLDG	MOLDING	
			MNT	MOUNT	
			MO	MASONRY OPENING	
			MTL	METAL	

OPNG	OPENING	P	PERF	PERFORATE(E), (ED), (ION)
OPP	OPPOSITE	PHEN	PHENOLIC TOILET PARTITION	
		PL	PLATE	
		SQ	PLASTIC LAMINATE	
		PLAS	PLASTER	
		PLYWD	PLYWOOD	
		PNT	PAINT(ED)	
		PSF	POUNDS PER SQUARE FOOT	
		PSI	POUNDS PER SQUARE INCH	
		PT	POINT	
		PTN	PARTITION	
		PVC	POLYVINYL CHLORIDE	

S	S	SOUTH	VERT	VERTICAL
S.C.F.	SCHED	STRUCTURAL CONCRETE FLOOR	VIF	VERIFY IN FIELD
SCHED	SD	SCHEDULE(E), (ED)	VIN	VINYL
SFRM	SD	STORM DRAIN		
		SPRAY-APPLIED CEMENTITIOUS	W	WEST, WIDE, WIDTH
		FIRE RESISTIVE MATERIAL	W/	WITH
SIM	SIMILAR		W/O	WITHOUT
SQ	SQUARE		WC	WALLCOVERING, WATER- CLOSET
SS	STAINLESS STEEL, SOLID		WD	WOOD
			WT	WEIGHT

MISC. SYMBOLS

⌀	CENTERLINE
⌞	PROPERTYLINE
∠	ANGLE
⊥	PERPENDICULAR
⌀	DIAMETER



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Richmond, Virginia 23223

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W www.glaveandholmes.com

PROJECT TITLE

FORT MONROE VISITOR AND EDUCATION CENTER

BUILDING 138
30 INGALLS ROAD
FORT MONROE, VA 23651

CONSULTANTS

MEP FP ENGINEER

PACE COLLABORATIVE
1277 PERIMETER PARKWAY
VIRGINIA BEACH, VA 23454
T (757) 499-7223 F (757) 301-6060

LANDSCAPE ARCHITECT

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KIMLEY-HORN AND ASSOCIATES, INC.
4500 MAIN STREET, SUITE 500
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SEAL



PROJECT NUMBERS

G&H #: 15118PW02
PC #: 194-18191-003

DATE

January 17, 2017

DRAWN BY: TJH CHECKED BY: Init

REVISIONS

NO.	DATE	DESCRIPTION

SHEET TITLE

PROJECT INFORMATION

SHEET NUMBER

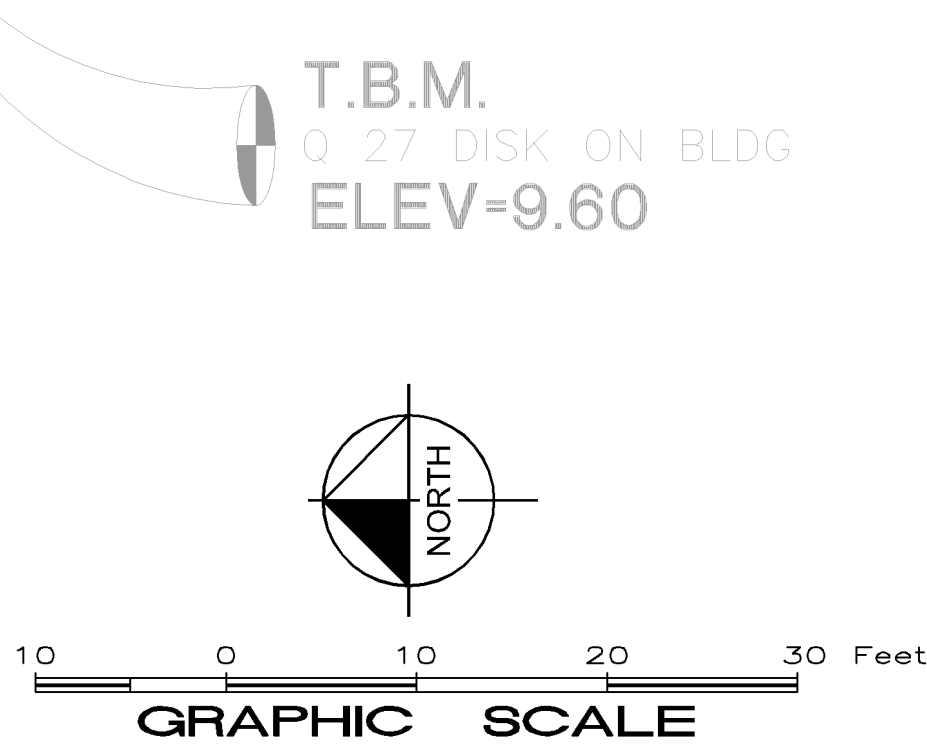
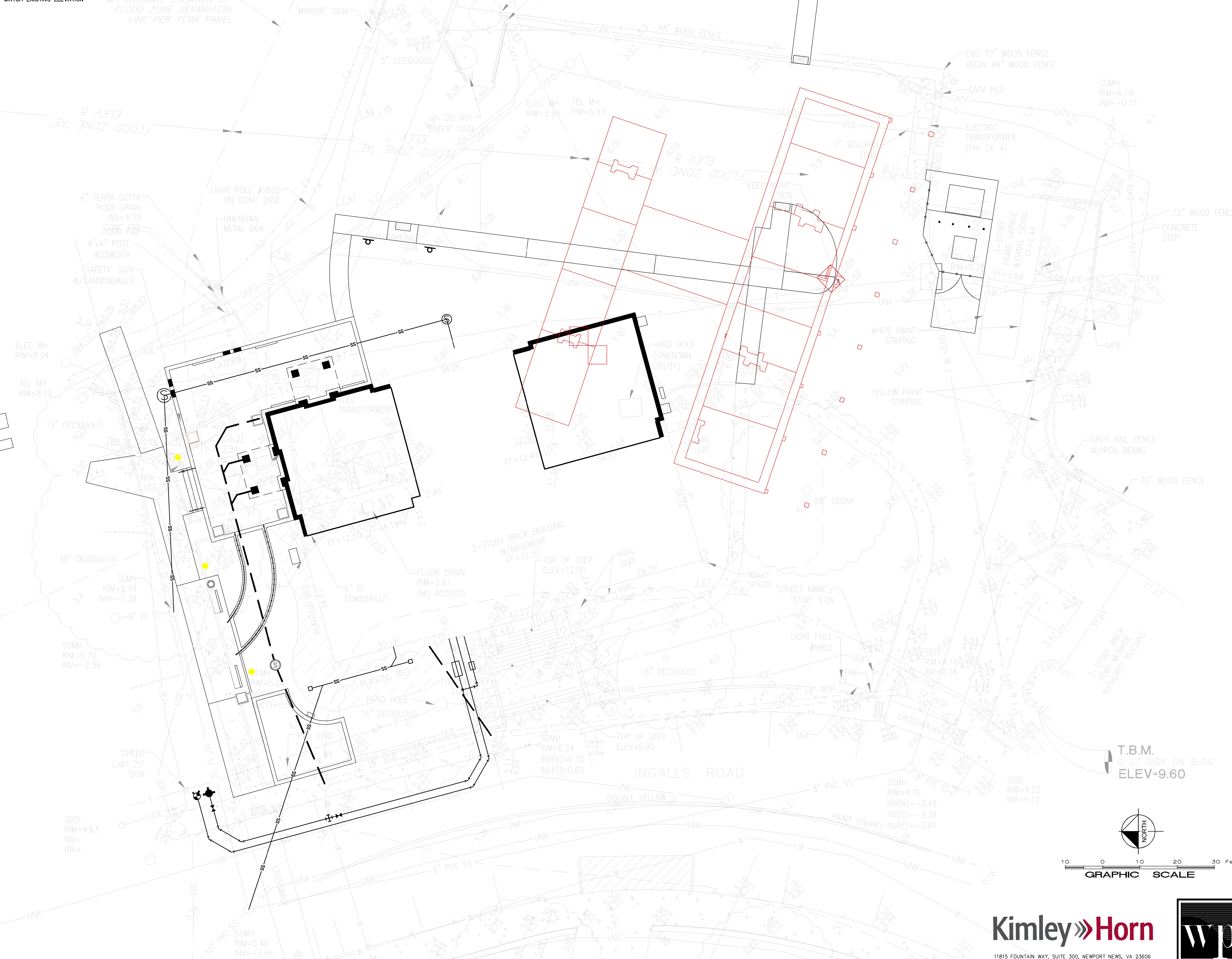
T1.01

GRADING LEGEND

7.50 SW
SW
P
ME
ELEVATION CALLOUT
SIDEWALK ELEVATION
PAVEMENT ELEVATION
MATCH EXISTING ELEVATION

This drawing shows an overlay of the proposed work with the approximate location of the DeRussy house.

APPROXIMATE LOCATION OF
FLOOD ZONE SEPARATION
LINE PER FEMA PANEL



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SEAL

PROJECT NUMBERS
GBHA #: 15118PW02
PC #: 360-360AA-003
KH #: 116257016

DATE
October 25, 2017

DRAWN BY: CHECKED BY:

REVISIONS		
NO.	DATE	DESCRIPTION

SHEET TITLE
**GRADING AND
UTILITY PLAN**

SHEET NUMBER
C4.00

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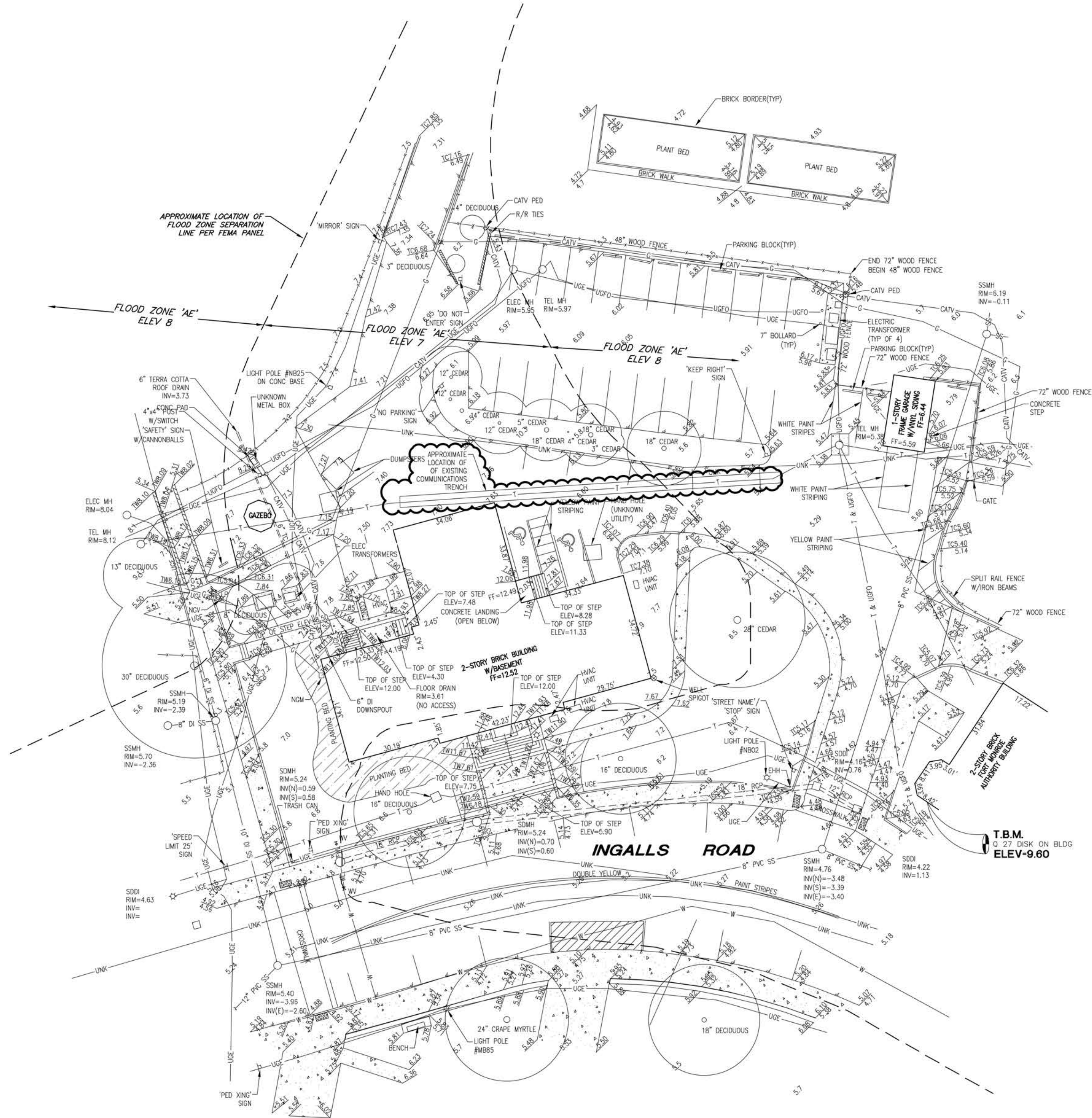
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VIRGINIA STATE PLANE
COORDINATE SYSTEM, SOUTH
ZONE, NAD 1983 (1993 HARN)



ABBREVIATIONS LIST

CONC	CONCRETE
E	EAST
EHH	ELECTRIC HAND HOLE
ELEC	ELECTRIC
ELEV	ELEVATION
HH	HAND HOLE
HPS	HIGH-PRESSURE SODIUM
INV	INVERT
N	NORTH
NGM	NATURAL GAS METER
NGV	NATURAL GAS VALVE
PG	PAGE
S	SOUTH
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
SDCB	STORM DRAIN CATCH BASIN
SDDI	STORM DRAIN DROP INLET
SOMH	STORM DRAIN MANHOLE
TEL	TELEPHONE
TW	TOP OF WALL
TYP	TYPICAL
WV	WATER VALVE

LEGEND

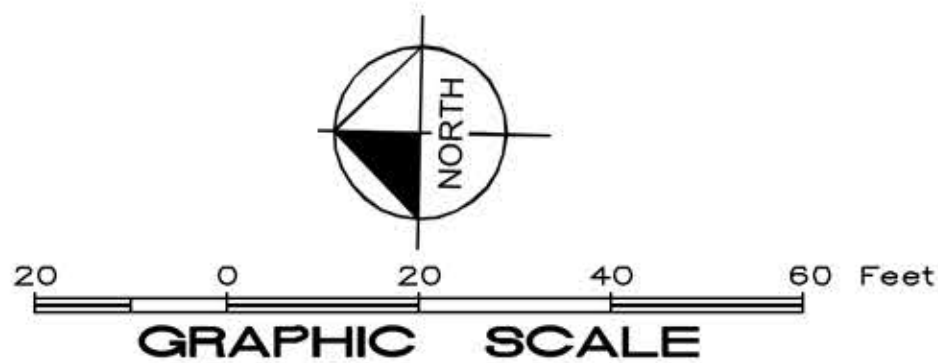
EXISTING

	ASPHALT PAVEMENT
	BUILDING
	DITCH OR SWALE
	CONCRETE
	CONCRETE CURB
	CONCRETE CURB & GUTTER
	TRUNCATED DOMES(HANDICAP)
	FENCE/GUARD RAIL
	FINISHED FLOOR ELEVATION
	PAVEMENT/CONCRETE ELEVATION
	PIPE INVERT ELEVATION
	SPOT ELEVATION
	TOP OF CURB & EDGE OF PAVEMENT GRADES
	LIGHT POLE
	MANHOLE
	SIGN
	SANITARY SEWER
	STORM DRAIN
	STORM DRAIN DROP INLET
	UNDERGROUND CABLE TV
	UNDERGROUND ELECTRIC
	UNDERGROUND FIBER OPTIC
	NATURAL GAS
	UNDERGROUND TELEPHONE
	UNKNOWN UTILITY
	WATER LINE
	WATER VALVE



SURVEY NOTES

- JOB# 216-0232
PROJECT: FORT MONROE VISITOR CENTER
DATE(S) OF FIELD SURVEY: 10/26/2016 & 11/2/2016
FIELD BOOK/PAGE(S): 1042/35, 1043/34-35
- ELEVATIONS SHOWN HEREON ARE EXPRESSED IN FEET AND BASED UPON NAVD 88, Q 27 EL=9.60 DISK SET ON THE SIDE OF FORT MONROE AUTHORITY OFFICE 20 INGALLS ROAD
 - THE PROPERTY SHOWN HEREON APPEARS TO FALL WITHIN FLOOD ZONE(S) AE ELEV. 7 & AE ELEV. 8 (BASE FLOOD ELEVATIONS DETERMINED AS SHOWN ON F.E.M.A.'S FLOOD INSURANCE RATE MAP (F.I.R.M.) FOR THE CITY OF HAMPTON, VIRGINIA COMMUNITY PANEL 515527 0027H DATED MAY 16, 2016.
 - THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT AND MAY NOT SHOW ANY/ALL EASEMENTS OR RESTRICTIONS THAT MAY AFFECT SAID PROPERTY AS SHOWN. THIS SURVEY IS NOT INTENDED TO REPRESENT A SUBDIVISION OF LAND.
 - THIS SURVEY IS NOT INTENDED TO DEPICT ANY UNDERGROUND UTILITIES, WETLANDS, HAZARDOUS WASTE, AND ENVIRONMENTAL FEATURES THAT MAY AFFECT THE SUBJECT PROPERTY EXCEPT AS SHOWN.
 - UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON QUALITY LEVEL "B" SUBSURFACE UTILITY DESIGNATION FIELD MARKINGS.
 - THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
 - THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF WILLIAM R. PRITCHARD FROM A GROUND SURVEY MADE UNDER MY SUPERVISION; THE ORIGINAL DATA WAS OBTAINED ON OCTOBER 20, 2016 & NOVEMBER 2, 2016; AND THIS PLAT, MAP, OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.



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SEAL

PROJECT NUMBERS

G&HA #: 15118PW02
PC #: 194-18191-003

DATE

February 26, 2018

DRAWN BY:

CHECKED BY:

REVISIONS

NO. DATE DESCRIPTION

SHEET TITLE

SURVEY

SHEET NUMBER

C1.00

A

1

1

C2.00

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WWW.KIMLEY-HORN.COM

E

D

C

B

A

IMPROVEMENT AND LAYOUT NOTES:

1. BEGIN SITE LAYOUT AT "POINT OF BEGINNING" (P.O.B.).
2. REPEAT ALL LAYOUT AND MATERIALS SYMMETRICALLY ABOUT CENTERLINES.
3. REFER TO ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.
4. ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED. RADII ARE TANGENTIAL UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL FIELD VERIFY EXISTING ASPHALT PAVEMENT SECTION AND MATCH PROPOSED ASPHALT PAVEMENT SECTION TO EXISTING PAVEMENT SECTION. SEE IMPROVEMENT DETAILS.
6. ALIGN CONCRETE SCORE LINES AS SHOWN ON PLAN.
7. SEE IMPROVEMENT DETAILS FOR FURTHER INFORMATION.

RE-USE 13-14 EXISTING BUMPER BLOCKS AND ADD 11-12 BUMPER BLOCKS AS REQUIRED

PAVEMENT MARKING FOR PARKING SPACES (9'X18'), TYP.

PAVEMENT MARKING FOR PEDESTRIAN USE

EDGE OF EXISTING ASPHALT

VAN ACCESSIBLE PARKING SPACE, TYP. OF 2

CONTROL JOINT (CJ), TYP.

ADA VAN ACCESSIBLE PARKING SIGNS

P.O.B. CORNER OF EX. ASPHALT FOR OVERALL SITE LAYOUT

EXPANSION JOINT (EJ), TYP.

CONCRETE SIDEWALK, TYP.

X POMO PLANTER BY YARD ART OR APPROVED EQUAL. BLACK POWDER-COATED ALUMINUM WITH DRIP TRAY, TYP. OF 5

BENCH, TYP. OF 6

PAVER PLAZA, HERRINGBONE FIELD WITH SOLDIER-COURSE BANDING AND 12" CAST CONCRETE BORDER, TYP.

INTERPRETIVE SIGNAGE, TYP. OF 5 (N.I.C.)

REPLACE EX. CONCRETE CHEEKWALLS WITH MASONRY WALLS AND CAST CONCRETE CAPS

MASONRY WALL WITH CAST CONCRETE CAP, TYP.

MASONRY STEP RISER WITH CAST CONCRETE TREAD, TYP.

HANDRAIL, TYP.

RELOCATED TRANSFORMER AND TAP BOX. SEE NOTES AND REFER TO ELECTRICAL DWGS.

3'X5' GENERATOR WITH CONCRETE PAD (SEE ELECTRICAL DWGS)

CONCRETE ADA RAMP

TRASH RECEPTACLE

6" CONCRETE CURB

DECORATIVE PEDESTRIAN POLE LIGHT, TYP. OF 3 (SEE ELECTRICAL DWGS)

MASONRY SEATWALL WITH CAST CONCRETE CAP

PAVER PLAZA, HERRINGBONE PATTERN WITH SOLDIER-COURSE BANDING AND 12" CAST CONCRETE BORDER

SEE ENLARGEMENT PLANS FOR ADDITIONAL LAYOUT AND GRADING INFORMATION

FIRE HYDRANT AND FDC LOCATION (SEE GRADING & UTILITY PLAN)

REPLACE SIDEWALK TO NEAREST JOINT FOR UTILITY INSTALLATION, TYP. (SEE GRADING & UTILITY PLAN)

RE-STRIPE CROSSWALK AND PARKING SPACES, TYP.

MILL AND BORE UNDER ASPHALT FOR UTILITIES AND ADD PAVEMENT PATCH (SEE GRADING & UTILITY PLAN)

PROPOSED BUILDING ADDITION (SEE ARCH DWGS)

PROPOSED BUILDING ADDITION (SEE ARCH DWGS)

EXISTING BUILDING

B2
C3.00 C3.01/C3.02

C1&C2
C3.00 C3.03

INGALLS ROAD

2" MILL AND OVERLAY EXISTING ASPHALT, TYP.

RE-STRIPE CROSSWALK

CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH ALL FRANCHISE UTILITIES TO DETERMINE ANY CONFLICTS PRIOR TO BEGINNING CONSTRUCTION. REMOVAL AND OR RELOCATION OF FRANCHISE UTILITIES MAY BE REQUIRED.

5' WIDE PAVER WALKWAY WITH STEEL EDGING. BASKETWEAVE FIELD WITH SOLDIER-COURSE EDGING.

PAVEMENT MARKING FOR UTILITY AREA, TYP.

MEET NEW CONCRETE WITH EXISTING CONCRETE

ALIGN NEW CONCRETE WITH EXISTING ASPHALT

ALIGN NEW CONCRETE WITH GARAGE

72" WOOD FENCE

19.50'

3.00'

12.00'

15.00'

NEW HEAVY-DUTY CONCRETE PAD

CHILLER (SEE MEP DWGS)

BOLLARD, TYP.

NEW DUMPSTER (BY OTHERS)

SCREENING FENCE AND GATE FOR DUMPSTER ENCLOSURE

PAINTED CROSSWALK PAVEMENT MARKING, TYP.

ACCESSIBLE RAMP, TYP.

AREA OF NEW ASPHALT

MILL AND BORE UNDER ASPHALT FOR UTILITIES AND ADD PAVEMENT PATCH (SEE MEP DWGS)

LOCATION OF NEW UTILITY TRENCH PARALLEL TO HISTORIC FOUNDATION (SEE MEP DWGS)

MEET NEW SIDEWALK TO EXISTING SIDEWALK

HEAT PUMP (SEE MEP DWGS)

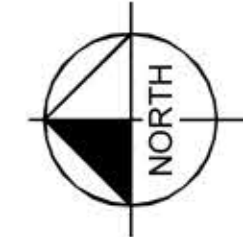
SPLASH BOX, TYP. OF 2

EXISTING TREE TO REMAIN, TYP.

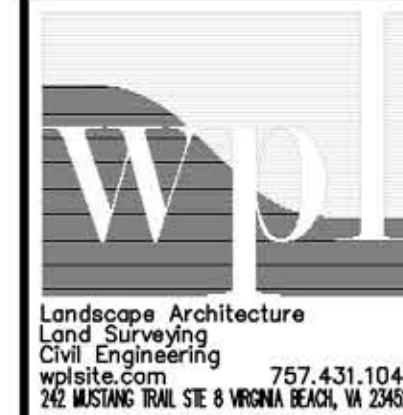
2" MILL AND OVERLAY EXISTING ASPHALT, TYP.

GENERAL NOTES:

1. COORDINATE SITE WORK WITH CIVIL, STRUCTURAL, ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.
2. VERIFY ALL EXISTING SITE IMPROVEMENTS TO BE SALVAGED / REMOVED / STORED DURING CONSTRUCTION, REINSTALLED, OR PROTECTED IN PLACE WITH GENERAL CONTRACTOR PRIOR TO CONSTRUCTION.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE ONSITE T.B.M. w/ EXISTING ELEVATIONS. THE CONTRACTOR SHALL IMMEDIATELY CONTACT WPL @ 431-1041 IF ANY DISCREPANCIES ARE FOUND IN ELEVATIONS SHOWN.
4. CONTRACTOR TO FIELD VERIFY EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
5. ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF IN A LAWFUL MANNER.
6. RELOCATED TRANSFORMER TO BE PLACED DIRECTLY NORTH OF EXISTING TRANSFORMER. RELOCATED TAP BOX TO BE PLACED DIRECTLY WEST OF RELOCATED TRANSFORMER. COORDINATE WITH DOMINION ENERGY AND MARK LOCATION IN FIELD FOR APPROVAL BY ARCHITECT PRIOR TO INSTALLATION.
7. PRIOR TO EXCAVATION, CONTRACTOR SHALL CONTACT MISS UTILITY OF VIRGINIA - 811.



GRAPHIC SCALE
0 10 20 30 Feet



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PROJECT TITLE

FORT MONROE
VISITOR AND
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CENTER

BUILDING 138
30 INGALLS ROAD
FORT MONROE, VA 23651

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MEP FP ENGINEER

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1277 PERIMETER PARKWAY
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SEAL

PROJECT NUMBERS

G&HA #: 15118PW02
PC #: 194-18191-003

DATE

February 26, 2018

DRAWN BY:

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REVISIONS

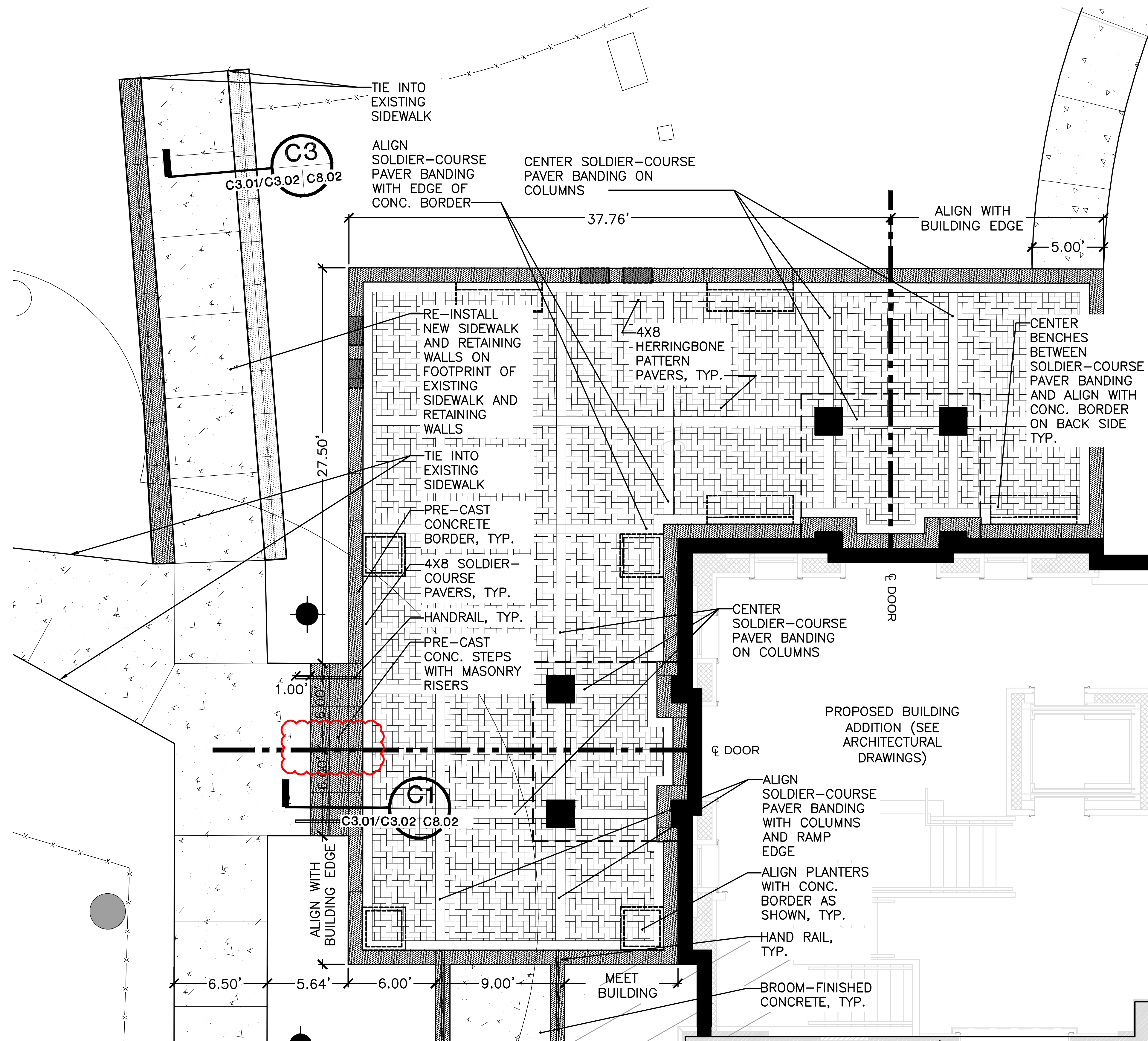
NO. DATE DESCRIPTION

SHEET TITLE

OVERALL
IMPROVEMENTS
PLAN

SHEET NUMBER

C3.00



B2 PLAZA AREA LAYOUT PLAN ENLARGEMENT
C3.01 SCALE: 1/4" = 1'

NOTES:

1. ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED.
2. RADII ARE TANGENTIAL UNLESS OTHERWISE NOTED.
3. SEE OVERALL IMPROVEMENTS PLAN FOR ADDITIONAL INFORMATION
4. PRIOR TO EXCAVATION CONTRACTOR SHALL CONTACT MISS UTILITY OF VIRGINIA - 811
5. PLACE SITE FURNISHINGS IN FIELD FOR APPROVAL BY LANDSCAPE ARCHITECT BEFORE ANCHORING.

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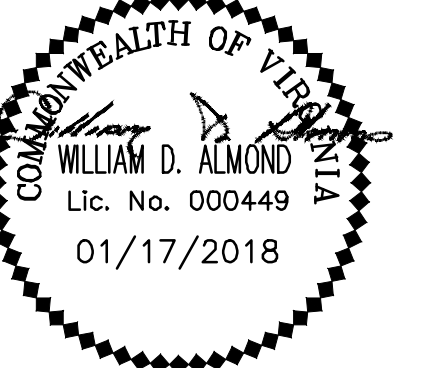
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SEAL



PROJECT NUMBERS
G&HA #: 15118PW02
PC #: 194-18191-003

DATE
January 17, 2018

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REVISIONS

NO. DATE DESCRIPTION

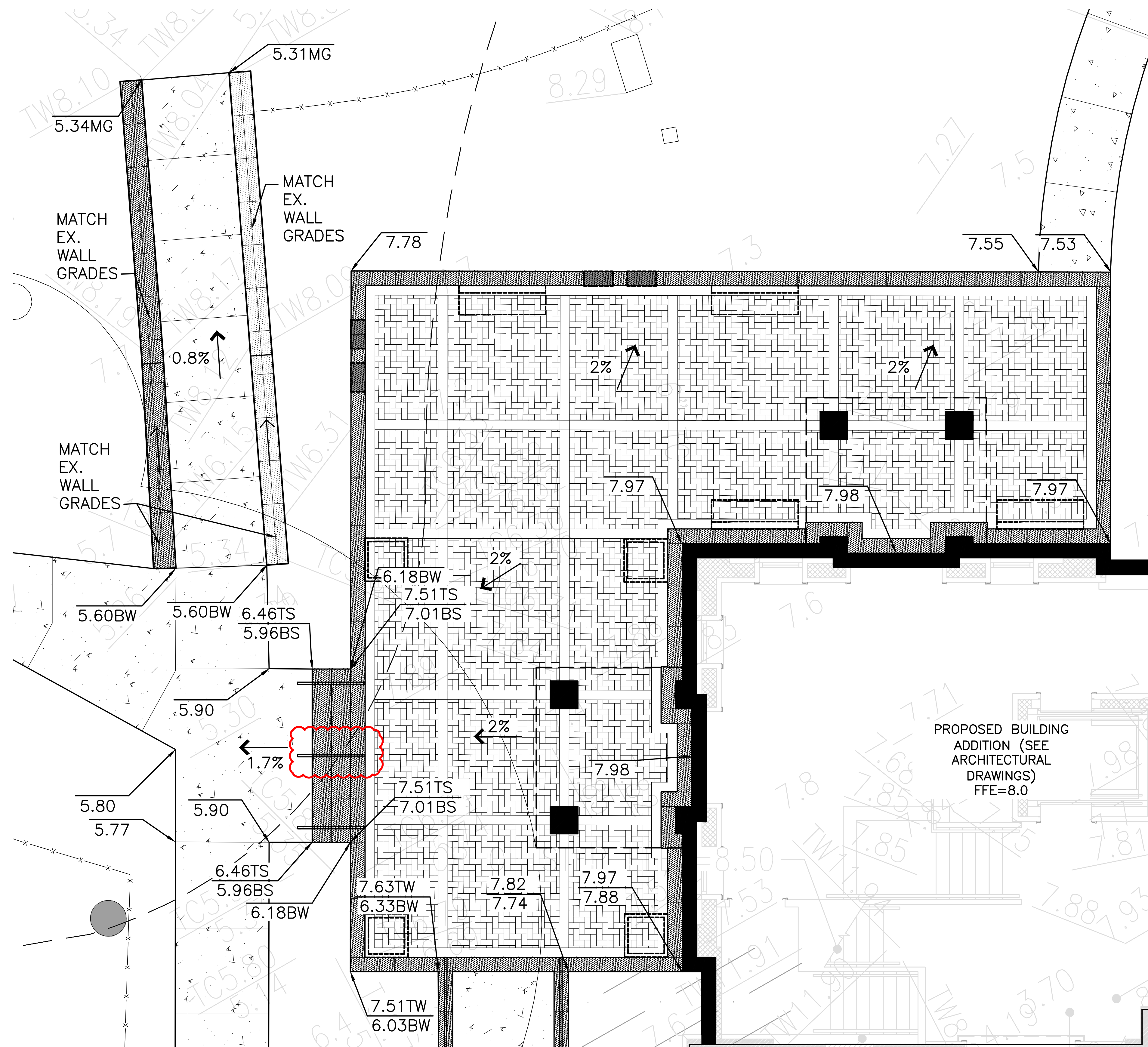
SHEET TITLE

**SITE
ENLARGEMENT
PLANS**

SHEET NUMBER

C3.01





B2 PLAZA AREA GRADING PLAN ENLARGEMENT
C3.02 SCALE: 1/4" = 1'

LEGEND:

MG MATCH GRADE
TW TOP OF WALL
BW BOTTOM OF WALL
TS TOP OF STEP
BS BOTTOM OF STEP
TC TOP OF CURB
BC BOTTOM OF CURB

NOTES:

- SEE GRADING AND UTILITY PLAN FOR ADDITIONAL INFORMATION
- PRIOR TO EXCAVATION CONTRACTOR SHALL CONTACT MISS UTILITY OF VIRGINIA - 811



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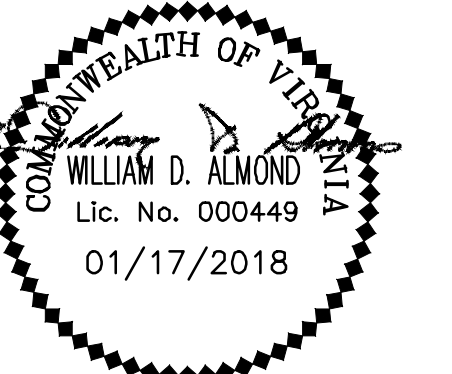
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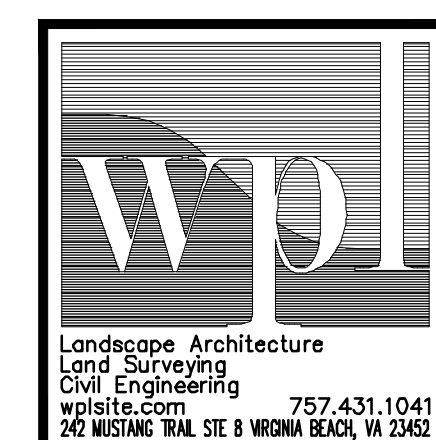
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**SITE
ENLARGEMENT
PLANS**

SHEET NUMBER

C3.02



GRADING LEGEND

SW ELEVATION CALLOUT
P SIDEWALK ELEVATION
ME PAVEMENT ELEVATION
MATCH EXISTING ELEVATION

APPROXIMATE LOCATION OF
FLOOD ZONE SEPARATION
LINE PER FEMA PANEL

'MIRROR' SIGN

3" DECIDUOUS

4" DECIDUOUS

6" DECIDUOUS

8" DECIDUOUS

10" DECIDUOUS

12" DECIDUOUS

14" DECIDUOUS

16" DECIDUOUS

18" DECIDUOUS

20" DECIDUOUS

22" DECIDUOUS

24" DECIDUOUS

26" DECIDUOUS

28" DECIDUOUS

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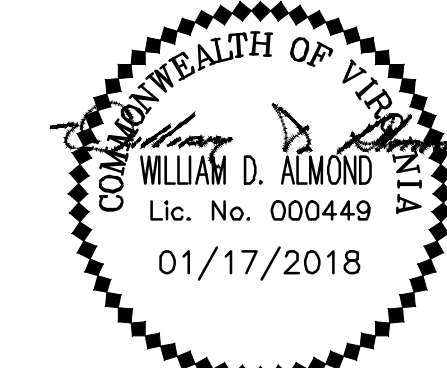
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SEAL



PROJECT NUMBERS

GEHA #: 15118PW02
PC #: 194-18191-003

DATE

January 17, 2018

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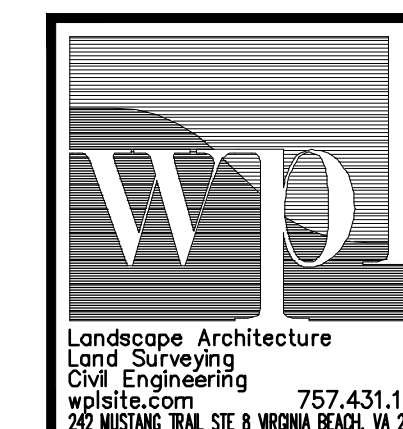
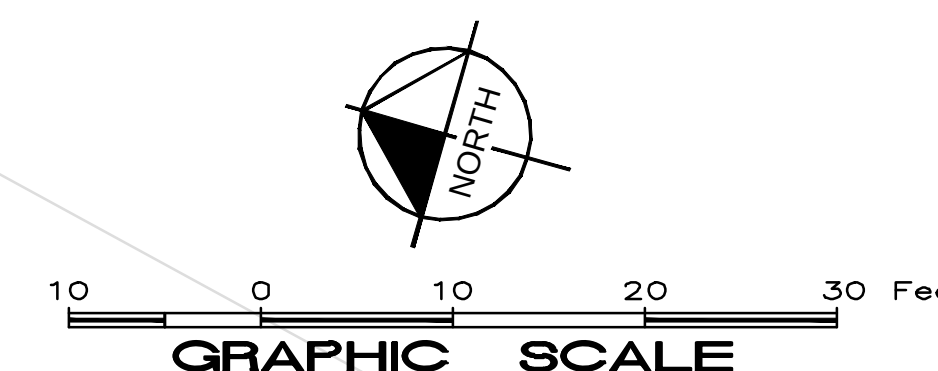
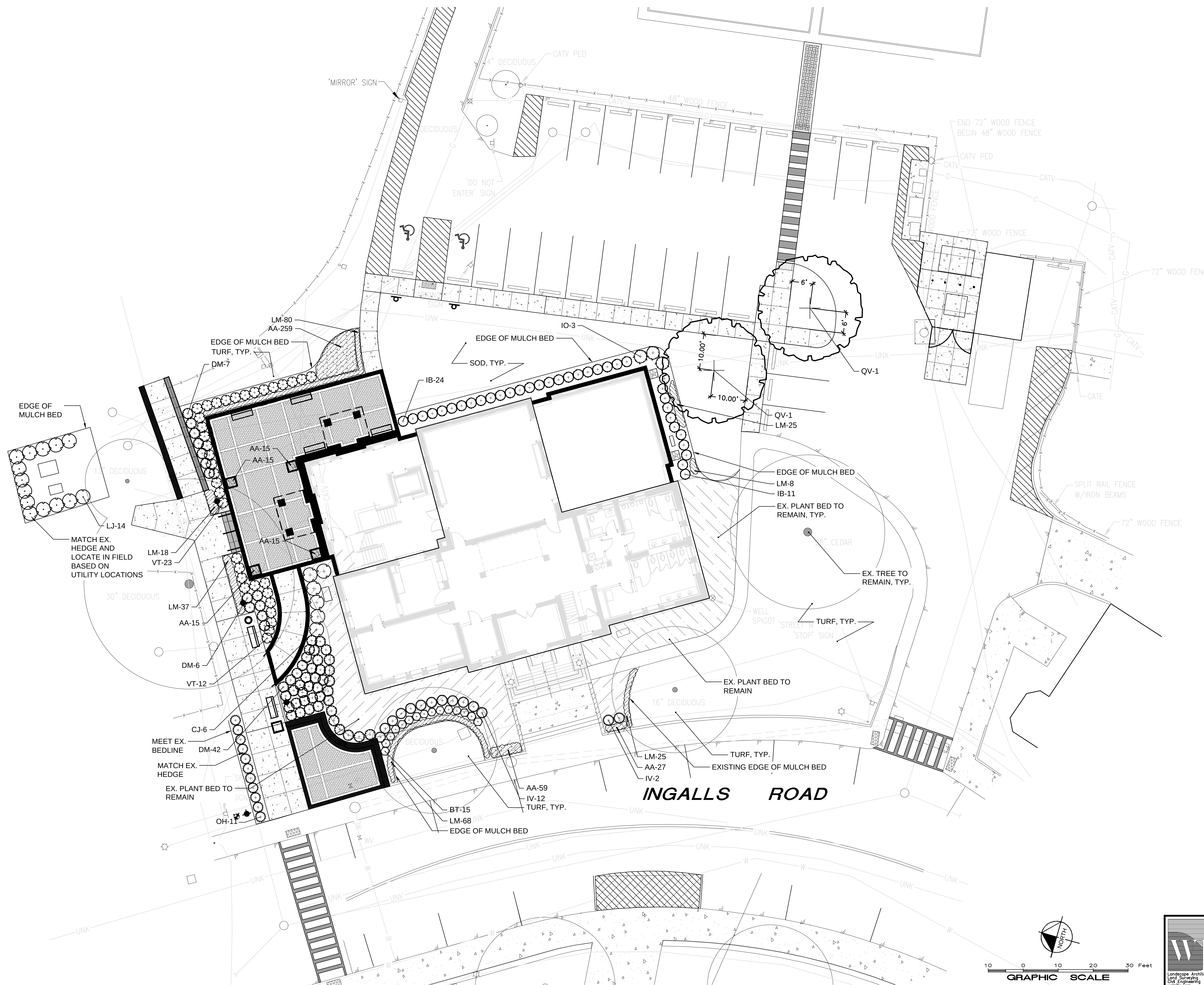
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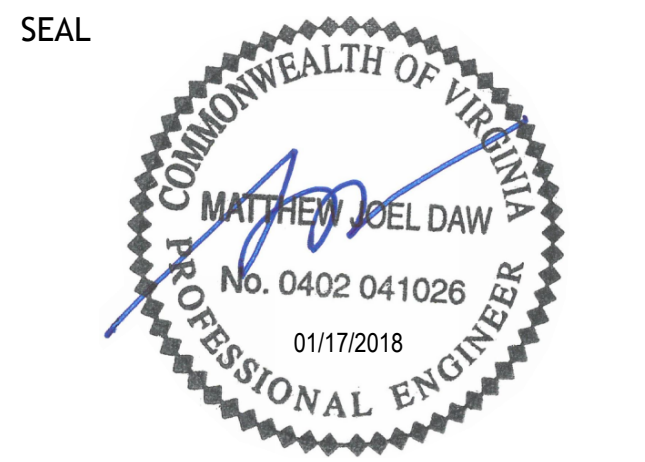
SHEET TITLE

PLANTING
PLAN

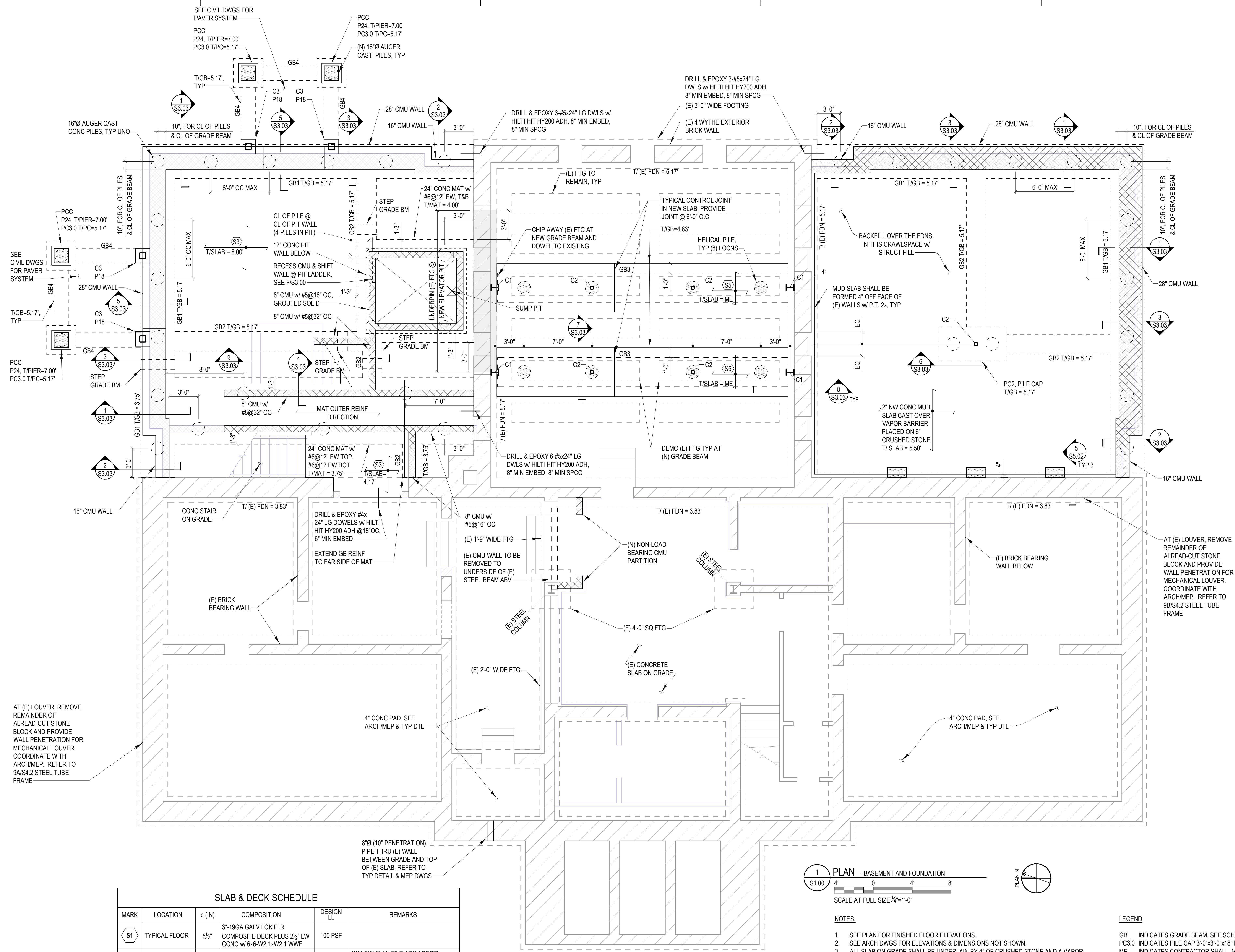
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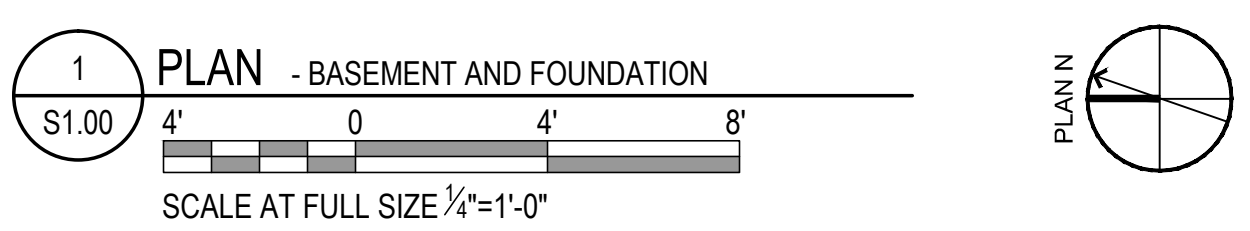
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NO.	DATE DESCRIPTION



SLAB & DECK SCHEDULE					
MARK	LOCATION	d (IN)	COMPOSITION	DESIGN LL	REMARKS
S1	TYPICAL FLOOR	5 1/2"	3"-19GA GALV LOK FLR COMPOSITE DECK PLUS 2 1/2" LW CONC w/ 6x6-W2.1xW2.1 WWF	100 PSF	
S2	EXISTING FLOOR	VARIES	HOLLOW CLAY TILE ARCH WITH 3" CONC TOPPING	ESTIMATED 100 PSF	HOLLOW CLAY TILE ARCH DEPTH VARIES AND MATCHES STEEL BEAM DEPTH (TO BE VERIFIED)
S3	SLAB ON GRADE	5"	5" NW CONCRETE w/ WWF 6x6 W2.1xW2.1	100 PSF	CAST OVER 15 MIL VAPOR RETARDER ON 6" CRUSHED STONE
S4	ROOF	1 1/2"	1 1/2" - 22GA GALV WIDE RIB (TYPE B) METAL ROOF DECK	30 PSF	
S5	SLAB ON GRADE	4"	4" NW CONCRETE w/ WWF 6x6-W2.1xW2.1	100 PSF	CAST OVER 15 MIL VAPOR RETARDER ON 6" CRUSHED STONE

NOTES:
1. ALL DECK TYPES REINFORCED WITH WELDED WIRE FABRIC WWF 6x6-W2.0xW2.0.
2. SEE PLANS FOR ADDITIONAL SLAB REINFORCING BARS.
3. SHORING MAY BE REQUIRED DURING CONCRETE PLACEMENT, DEPENDING ON MFR MAX ALLOWABLE SPAN. SHORING IS NOT SHOWN ON DWGS.

CONTRACTOR'S ENGINEERED RESPONSIBILITY FOR SEQUENCING/SHORING PLAN
PER GENERAL NOTES AND SPECIFICATIONS, CONTRACTOR TO SUBMIT COMPLETE DEMOLITION AND RECONSTRUCTION PLAN INCLUDING SEQUENCING AND SHORING FOR STACK WING FLOOR REMOVALS, WALL MODIFICATIONS, AND NEW FLOOR CONSTRUCTION.
SUGGESTED SEQUENCE FOR CONSIDERATION:
1. CONSTRUCT NEW EXTERIOR FOUNDATIONS AND ADDITION STRUCTURE.
2. DEMOLISH EXISTING INTERIOR FLOORS (BRACE WALLS AS REQUIRED).
3. CONSTRUCT NEW INTERIOR FOUNDATIONS, FULL-HEIGHT COLUMNS, AND FLOOR INFILLS.
4. PROVIDE NEW OPENINGS IN EXISTING WALLS.



- NOTES:
- SEE PLAN FOR FINISHED FLOOR ELEVATIONS.
 - SEE ARCH DWGS FOR ELEVATIONS & DIMENSIONS NOT SHOWN.
 - ALL SLAB ON GRADE SHALL BE UNDERLAIN BY 4" OF CRUSHED STONE AND A VAPOR RETARDER. SEE ARCH DWGS FOR VAPOR BARRIER.
 - ALL STEEL EXPOSED TO SOIL (INCLUDING BASE PLATE), SHALL BE ENCASED IN A MINIMUM OF 3" CONCRETE.
 - REFER TO COLUMN SCHEDULE ON SHEET S5.0 FOR COLUMN SIZES.
 - CONTRACTOR SHALL COORDINATE FOUNDATION DRAINS WITH CIVIL DWGS.
 - AT REAR WING, EXISTING 1ST & 2ND FLOORS TO BE DEMOLISHED AND REFRAMED PER THESE PLANS SUCH THAT FINISH FLOOR ELEVATION OF REAR WING MATCHES FINISH FLOOR ELEVATION OF MAIN BUILDING.
 - ONE AUGER CAST TEST PILE SHALL BE LOCATED AT ONE CANOPY SUPPORT COLUMN. SUBSEQUENT TEST PILES MAYBE PRODUCTION IF THEY PASS. FOUR TOTAL AUGER CAST TEST PILES ARE REQUIRED.
 - AUGER CAST PILES AND HELICAL PILES MAYBE 45 FEET DEEP. REFER TO SPECIFICATIONS AND GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.

- LEGEND
- GB - INDICATES GRADE BEAM. SEE SCHEDULE ON SHEET S3.01.
 - PC3.0 - INDICATES PILE CAP 3'-0"x3'-0"x18" DEEP w/ 5-#4 BOTTOM. INDICATES CONTRACTOR SHALL MATCH EXISTING TOP OF SLAB ELEVATION.
 - P18 - INDICATES 18"x18" CONC PIER WITH 8-#7 VERT REINF & #3 STIRRUPS @ 12" O.C.
 - P24 - INDICATES 24"x24" CONC PIER w/ 8-#8 VERT REINF & #3 STIRRUPS @ 12" O.C.
 - PCC - INDICATES PRECAST COLUMN. SEE ARCH DWGS FOR COLUMN DIMENSIONS. MFR SHALL DESIGN COLUMN FOR TOTAL UNFACTORED COMPRESSION LOAD = 30K.
 - C - INDICATES COLUMN SIZE. SEE SCHEDULE.

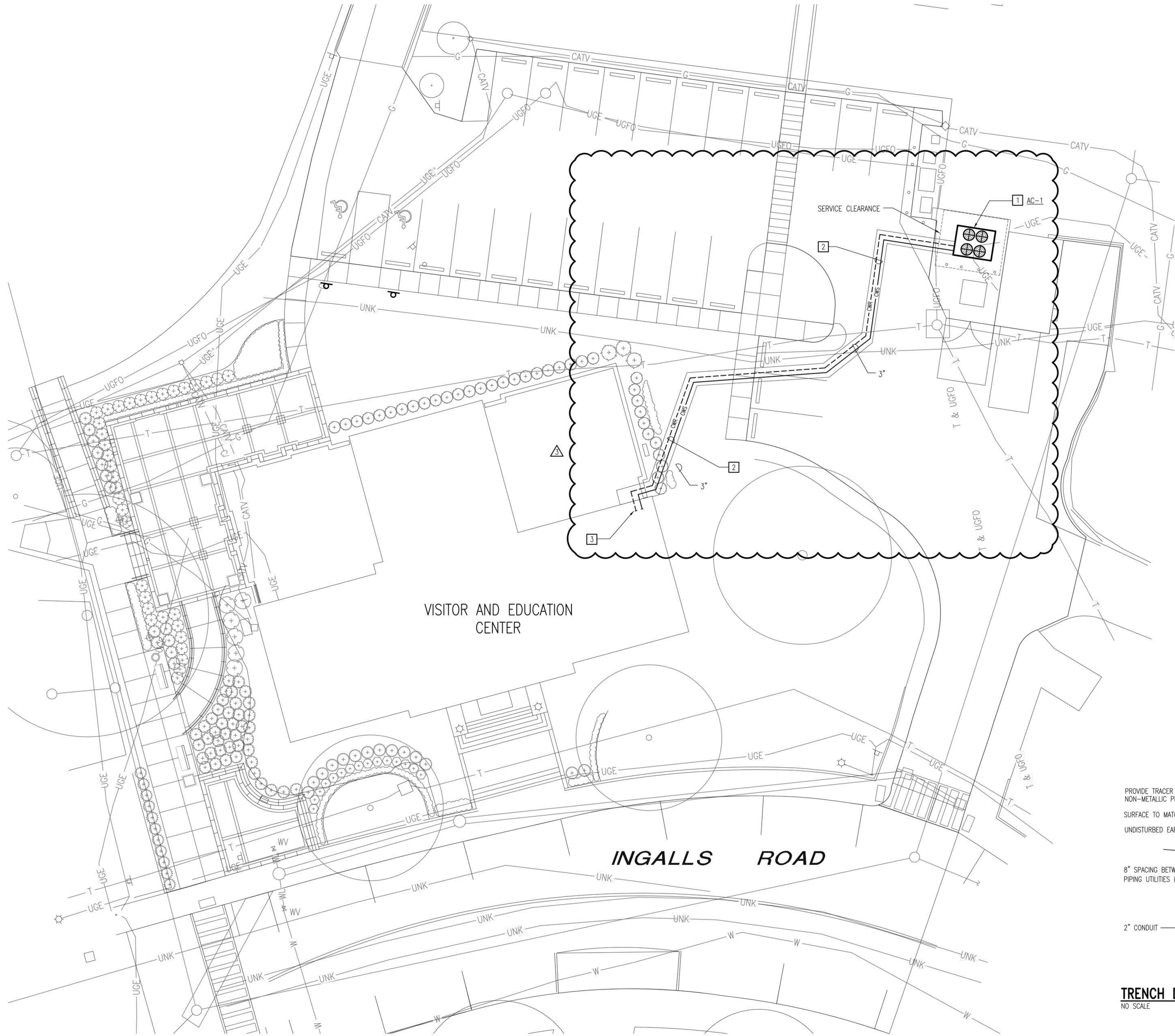
E

D

C

B

A



NOTES THIS SHEET

- 1 PROVIDE AIR COOLED CHILLER. COORDINATE LOCATION WITH DUMPSTER. MAINTAIN CLEARANCES PER MANUFACTURER'S RECOMMENDATIONS.
- 2 PROVIDE DIRECT BURIED, PREINSULATED PIPING WITH SCH. 40 STEEL CARRIER PIPE, POLYURETHANE FOAM INSULATION, AND HDPE JACKET. PIPING SHALL BE INSTALLED IN A PIPE TRENCH WITH MINIMUM OF 3'-0" OF COVER. TRENCH BOTTOM SHALL HAVE A MINIMUM OF 6" SAND, PEA GRAVEL OR BACKFILL MATERIAL AS REQUIRED BY PIPE SYSTEM MANUFACTURER AS A CUSHION FOR THE PIPING. SIZE AS INDICATED. POWER AND CONTROL CIRCUITS SHALL RUN IN SAME TRENCH WITH CHILLED WATER PIPING. MAINTAIN MINIMUM SPACING BETWEEN SYSTEMS. COORDINATE EXACT ROUTING LOCATION WITH OWNER. LOCATION WILL BE DEPENDENT ON OWNER LED ARCHAEOLOGY SURVEY IN THIS AREA.
- 3 FOR CONTINUATION OF PIPING, REFER TO BASEMENT FLOOR PLAN-NEW WORK, SHEET M1.01. COORDINATE EXACT ROUTING LOCATION WITH OWNER.

GLAVÉ & HOLMES
ARCHITECTURE

2101 East Main Street
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PROJECT TITLE

FORT MONROE
VISITOR AND
EDUCATION
CENTER

BUILDING 138
30 INGALLS ROAD
FORT MONROE, VA 23651

CONSULTANTS

MEP FP ENGINEER

PACE COLLABORATIVE
1277 PERIMETER PARKWAY
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SEAL

16273

PROJECT NUMBERS

G&HA #: 15118PW02
PC #: 194-18191-003

DATE

February 26, 2018

DRAWN BY: WSH CHECKED BY: BEW

REVISIONS

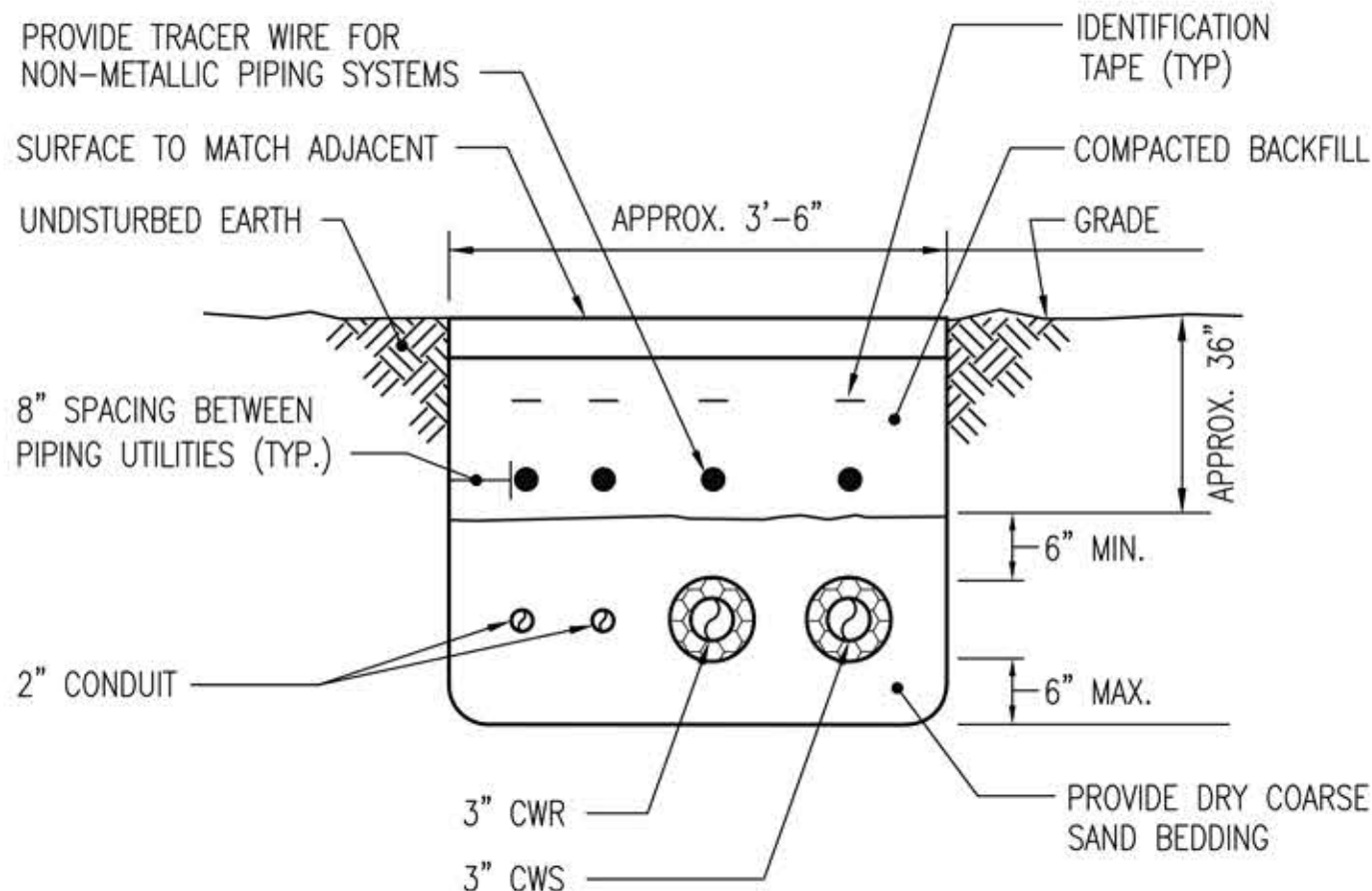
NO.	DATE	DESCRIPTION
1	01/17/18	BCOM REVISIONS
2	01/17/18	PLAN REVISIONS
3	02/26/18	PLAN REVISIONS

SHEET TITLE

SITE PLAN - NEW
WORK

SHEET NUMBER

M0.02



TRENCH DETAIL

NO SCALE

GRAPHIC SCALE(S)

1" = 10'-0" 10' 5' 0' 10' 20' 30'



 SITE PLAN - NEW WORK
SCALE: 1" = 10'

1

2

3

4

5

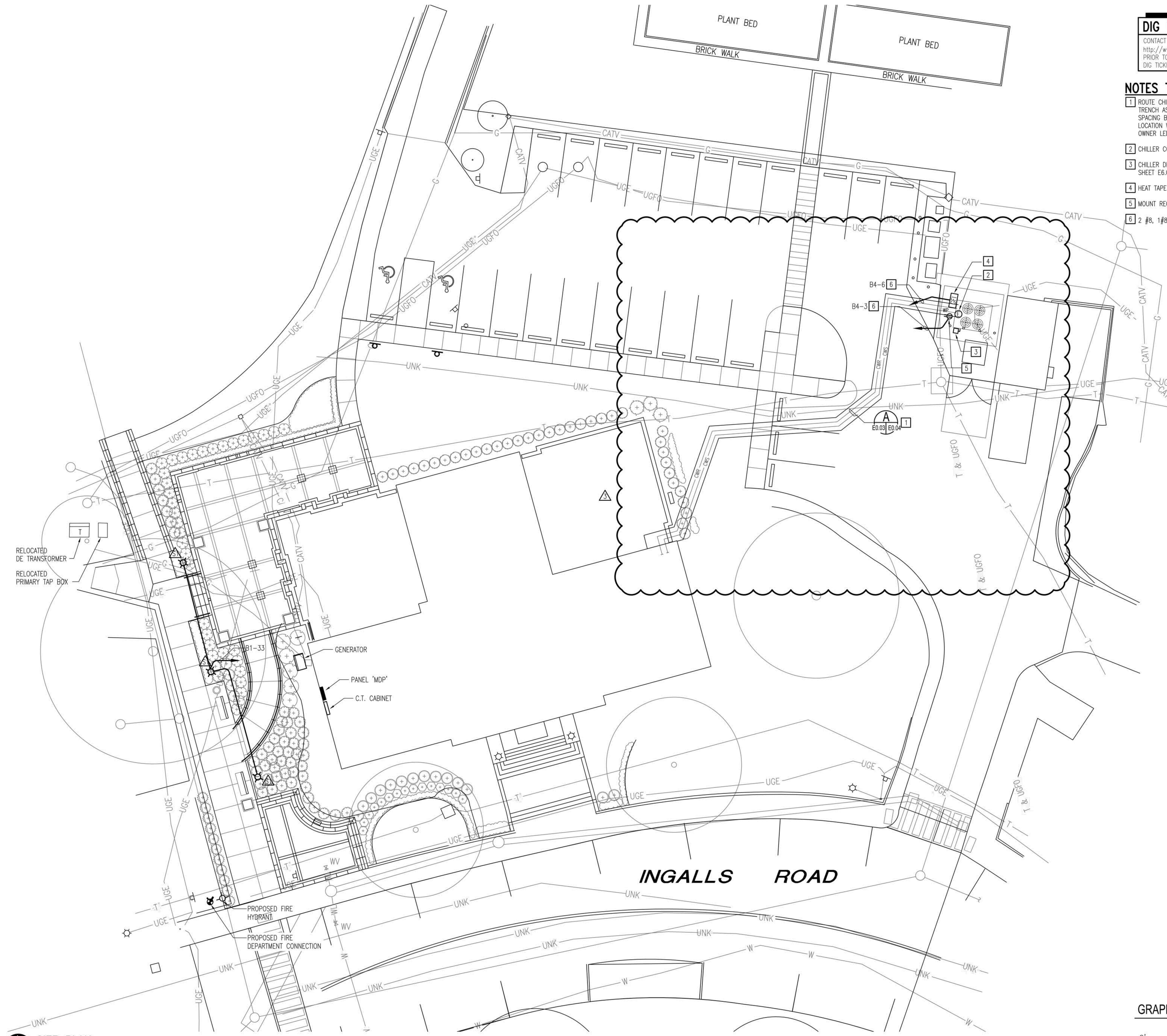
E

D

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A



SITE PLAN
SCALE: 1" = 10'-0"

DIG NOTICE
CONTACT MISS UTILITY AT 811, 1-800-552-7001, OR
http://www.missutilityofvirginia.com NO LESS THAN 72 HOURS
PRIOR TO EXCAVATION AND DO NOT DISTURB THE SOIL UNTIL
DIG TICKET HAS BEEN PROCESSED.

- NOTES THIS SHEET**
- 1 ROUTE CHILLER POWER AND CONTROL CIRCUITS IN SAME TRENCH AS THE CHILLED WATER PIPING, MAINTAIN MINIMUM SPACING BETWEEN SYSTEMS. COORDINATE EXACT ROUTING LOCATION WITH OWNER. LOCATION WILL BE DEPENDANT ON OWNER LED ARCHAEOLOGY SURVEY IN THIS AREA.
 - 2 CHILLER CONNECTION; SEE POWER RISER DIAGRAM SHEET E6.00.
 - 3 CHILLER DISCONNECT SWITCH; SEE POWER RISER DIAGRAM SHEET E6.00.
 - 4 HEAT TAPE CONNECTION: 120V, 1Ø.
 - 5 MOUNT RECEPTACLE NEAR UNIT.
 - 6 2 #8, 1#8 GND - 1" C

GRAPHIC SCALE(S)
1"=10' 0' 10' 20' 30' 40' 50'

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NO.	DATE DESCRIPTION
Δ	01/17/18 BCOM REVISIONS
Δ	01/17/18 PLAN REVISIONS
Δ	02/26/18 PLAN REVISIONS

SHEET TITLE
SITE PLAN

SHEET NUMBER
E0.03

