

**ADDENDUM NUMBER 4**  
**PROJECT CODE: A0122-21-492426 and A0135-22-511452**  
**IFB# 154542103**

**November 16, 2021**

PROJECT: Virginia Tech  
New Baseball Pitching Lab  
Blacksburg, Virginia

**TO ALL BIDDERS:**

**GENERAL:** Addenda are part of the Contract Documents and are issued to amend or interpret the Drawings and Specifications. **The Addenda shall be acknowledged in the Bid Form** in the space provided for addenda acknowledgement.

Addenda list items by Drawings and Specifications. However, only specification items are referenced to Sections. Drawing changes, as well as Specification changes, described in Addenda shall include all Work required by the various trades involved to effect the changes described.

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**CHANGES AND CLARIFICATIONS – GENERAL**

1. The **Bid Due Date and Time** has been changed to **NOVEMBER 29, 2021 AT 2 P.M.**
2. The **Remote Bid Opening** has been changed to **NOVEMBER 30, 2021 AT 2 P.M.**

**CHANGES AND CLARIFICATIONS – PROJECT MANUAL**

None.

**CHANGES AND CLARIFICATIONS - DRAWINGS**

**ADD** the attached drawing set **DEMO OF TRACK STORAGE SHED** dated 10.08.21. The Work associated with this drawing set is to be included under PART A of the BID FORM. The set includes the following sheets:

T1	COVER SHEET
C1.0	TOPOGRAPHIC SURVEY
C1.1	DEMOLITION PLAN
A1.0	DEMOLITION PLAN & NOTES

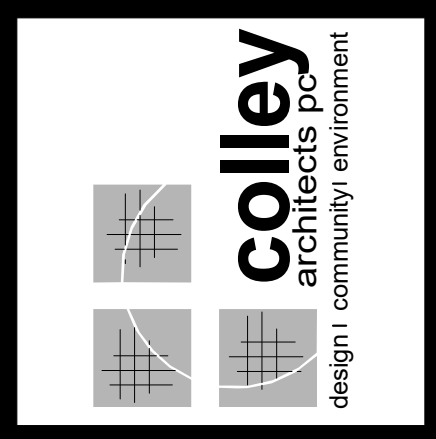
**ATTACHMENTS**

**1. DEMO OF TRACK STORAGE SHED.**

**THE BID DUE DATE AND TIME IS NOW NOVEMBER 29, 2021 AT 2 P.M. AND THE REMOTE BID OPENING IS NOW NOVEMBER 30, 2021 AT 2 P.M. ALL OTHER TERMS, CONDITIONS, AND DESCRIPTIONS REMAIN THE SAME.**

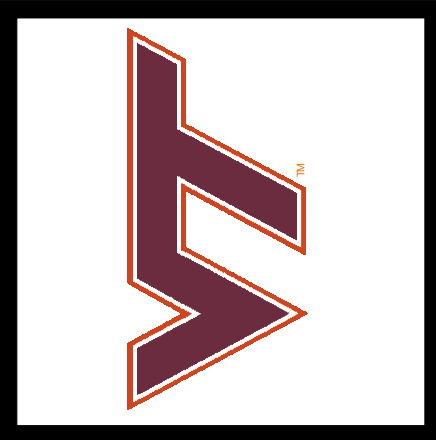
**END OF ADDENDUM NUMBER 4**

10 . 08 . 21	DATE
	REVISIONS



VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY

VIRGINIA TECH ATHLETICS  
DEMO OF TRACK STORAGE SHED



SHEET  
T1

ASBESTOS AND LEAD NOTE:

AN ASBESTOS INSPECTION WAS PERFORMED AND NO ACM WAS FOUND. THE ASBESTOS INSPECTION REPORT WILL BE PROVIDED BY THE VIRGINIA TECH PROJECT MANAGER.

AN INSPECTION TO IDENTIFY LEAD CONTAINING OR COATED BUILDING COMPONENTS HAS BEEN CONDUCTED AND WILL BE PROVIDED BY THE VIRGINIA TECH PROJECT MANAGER. 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.

DISCLAIMER STATEMENT:

COLLEY ARCHITECTS, PC ASSUMES NO RESPONSIBILITY FOR THE ADEQUACY OR ACCURACY OF THE ASBESTOS AND LEAD-BASED PAINT INFORMATION PROVIDED BY THE OWNER AS STATED ABOVE. THE CONTRACTOR SHALL ADDRESS ANY RELATED QUESTIONS TO THE OWNER'S PROJECT MANAGER AT 540-231-0708.

SHEET INDEX

T1	COVER SHEET
C1.0	TOPOGRAPHIC SURVEY
C1.1	DEMOLITION PLAN
A1.0	DEMOLITION PLAN & NOTES

RESPONSIBLE LAND DISTURBER:		
NAME	CERTIFICATION NO.	PHONE
VIRGINIA TECH SID APPROVAL	VIRGINIA TECH UBO APPROVAL	

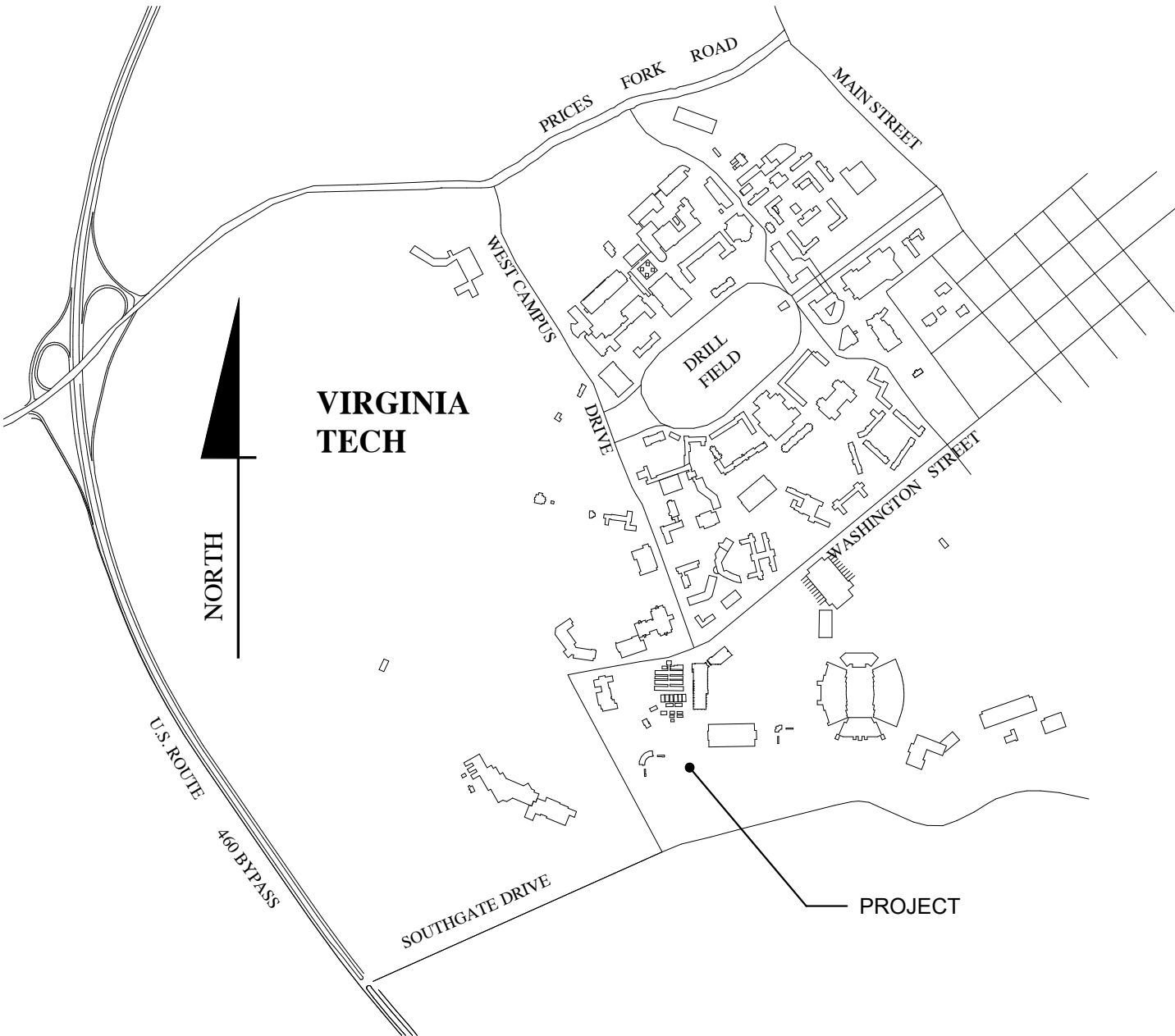
VIRGINIA TECH ATHLETICS

DEMO OF TRACK STORAGE SHED

BUILDING # 0185J  
PROJECT CODE # A0135-22-511452  
IFB # 154542103

10 . 08 . 21

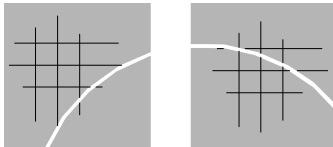
LOCATION MAP:



KEY PLAN:



PREPARED BY:



colley  
architects pc  
design | community | environment

SUITE 200 200 N. MAIN STREET  
BLACKSBURG, VA 24060  
P. 540.953.ARCH (2724)  
F. 540.953.2725  
CONTACT: TIM COLLEY, AIA  
INFO@COLLEYARCH.COM



1260 RADFORD STREET  
CHRISTIANSBURG, VA 24073  
P. 540.381.6011

BID SET  
95% NOT FOR  
CONSTRUCTION



# C1.0

# C1.0





**BID SET**  
95% NOT FOR  
CONSTRUCTION

REVISIONS	DATE

# DEMOLITION PLAN

## DEMO OF TRACK STORAGE SHED

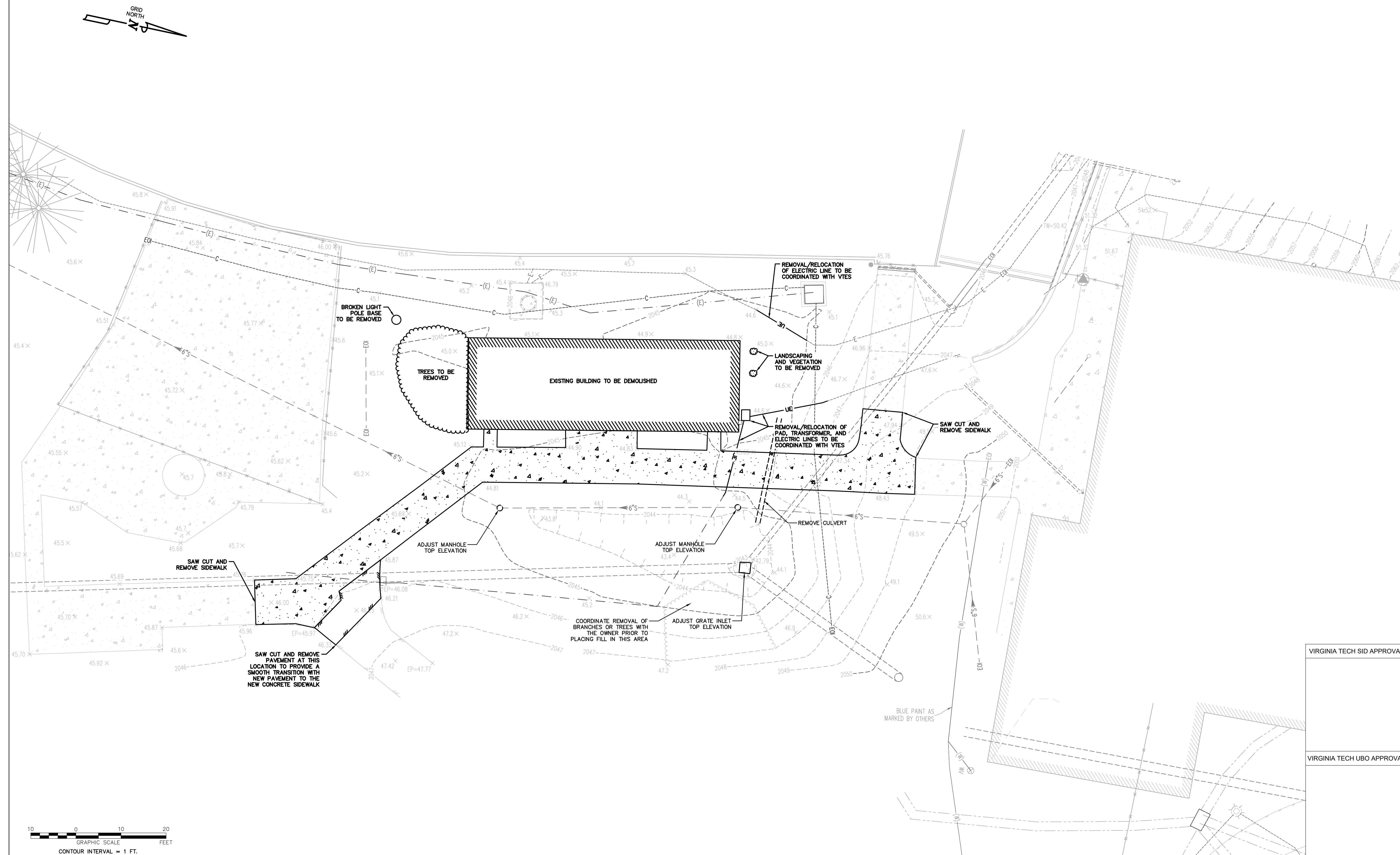
VIRGINIA TECH ATHLETICS

BLACKSBURG, VIRGINIA



DATE	10 . 08 . 21
WORK ORDER	A0135-22-511452
SCALE	AS NOTED
DRAWN	ZJM
JOB	2106
SHEET	

## C1.1





ABBREVIATIONS

@	AT	IN	INCH
ACT	ACOUSTICAL CEILING TILE	INFO	INFORMATION
ADJ	ADJUSTABLE	INST	INSTALLATION
AFF	ABOVE FINISHED FLOOR	INSUL	INSULATION
AHU	AIR HANDLING UNIT	INT	INTERIOR
ALT	ALTERNATE		
ALUM	ALUMINUM	KIT	KITCHEN
APPR	APPROXIMATE		
AVG	AVERAGE	LAM	LAMINATE
AWP	ACOUSTICAL WALL PANEL	LAV	LAVATORY
		LBS	POUNDS
		LF	LINEAR FOOT/FEET
		LVR	LOUVER
BD	BOARD		
BLDG	BUILDING	MAT'L	MATERIAL
BLK	BLOCK	MAX	MAXIMUM
BOT	BOTTOM	MECH	MECHANICAL
BRK	BRICK	MFR	MANUFACTURER
BTWN	BETWEEN	MIN	MINIMUM
		MIR	MIRROR
		MISC	MISCELLANEOUS
CAB	CABINET	MTL	METAL
CJ	CONTROL JOINT	NIC	NOT IN CONTRACT
CLG	CEILING	NO	NUMBER
CLOS	CLOSET	NOM	NOMINAL
CLR	CLEAR	NTS	NOT TO SCALE
CMU	CONCRETE MASONRY UNIT		
COL	COLUMN		
CONC	CONCRETE		
CONT	CONTINUOUS		
CTL	CARPET TILE	OC	ON CENTER
CT	CERAMIC TILE	OFCl	OWNER FURNISHED CONTRACTOR INSTALL
DEMO	DEMOLISH, DEMOLITION		
DEPT	DEPARTMENT	PC	PRECAST
DF	DRINKING FOUNTAIN	PERF	PERFORATED
DIAG	DIAGONAL	PLAM	PLASTIC LAMINATE
DIM	DIMENSION	PLYWD	PLYWOOD
DN	DOWN	PNL	PANEL
DWG	DRAWING	PREFAB	PREFABRICATED
		PREFIN	PREFINISHED
EA	EACH	PREP	PREPARE
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	PT	PAINT
ELEC	ELECTRICAL		
EPS	EXPANDED POLYSTYRENE	QT	QUARRY TILE
EQ	EQUAL	QTY	QUANTITY
EQUIP	EQUIPMENT		
EXIST	EXISTING	RB	RUBBER BASE
EXT	EXTERIOR	RD	ROOF DRAIN
		REF	REFERENCE
		REFG	REFRIGERATOR
FEC	FIRE EXTINGUISHER CABINET	REQD	REQUIRED
FD	FLOOR DRAIN	RM	ROOM
FF	FINISHED FLOOR	RT	RUBBER TILE
FLR	FLUORESCENT		
FLUR		SIM	SIMILAR
FRP	FIBERGLASS REINFORCED PLASTIC	SPEC	SPECIFICATION
FRT	FIRE RETARDANT TREATED	SQ	SQUARE
FT	FOOT, FEET	SS	STAINLESS STEEL
FURR	FURRING	STD	STANDARD
		STL	STEEL
		STOR	STORAGE
		SUSP	SUSPENDED
GA	GAUGE		
GAL	GALLON		
GALV	GALVANIZED	THK	THICKNESS
GB	GRAB BAR	TYP	TYPICAL
GC	GENERAL CONTRACTOR		
GFCMU	GROUND FACE CONCRETE MASONRY UNIT	UON	UNLESS OTHERWISE NOTED
GL	GLASS	VAC	VACUUM
GWB	GYP SUM WALL BOARD	VB	VAPOR BARRIER/ VINYL BASE
GYP	GYP SUM	VCT	VINYL COMPOSITION TILE
		VEST	VESTIBULE
HBD	HARDBOARD		
HDR	HEADER		
HM	HOLLOW		
HR	HOUR	WB	WOOD BASE
HT	HEIGHT	WC	WATER CLOSET
HVAC	HEATING, VENTILATING, AIR CONDITIONING	WGL	WIRE GLASS
HW	HOT WATER	WH	WATER HEATER
		W/O	WITHOUT
		WSCT	WAINSCOT
		WT	WEIGHT

DESIGN STANDARDS:

VIRGINIA TECH DESIGN GUIDELINES AND CONSTRUCTION STANDARDS	
VUSBC	VIRGINIA UNIFORM STATEWIDE BUILDING CODE
ANSI 117.1-2017	ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
AGA	AMERICAN GAS ASSOCIATION
AMCA	AIR MOVEMENT AND CONTROL ASSOCIATION
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ARI	AIR-CONDITIONING AND REFRIGERATION INSTITUTE
ASHRAE	AMERICAN SOCIETY OF HEATING REFRIGERATING AND AIR CONDITIONING ENGINEERS
ASPE	AMERICAN SOCIETY OF PLUMBING ENGINEERS
ASSE	AMERICAN SOCIETY OF SANITARY ENGINEERING
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
MCA	MECHANICAL CONTRACTORS ASSOCIATION
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
PDI	PLUMBING AND DRAINAGE INSTITUTE
SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
UL	UNDERWRITERS LABORATORIES, INC.

DISPOSAL OF MATERIALS

1. CONTRACTOR SHALL DELIVER ALL SOLID WASTE COLLECTED ON VIRGINIA TECH PROPERTIES TO MONTGOMERY REGIONAL SOLID WASTE AUTHORITY TRANSFER STATION.

GENERAL NOTES

- ALL CONSTRUCTION, MATERIALS, AND WORKMANSHIP SHALL COMPLY WITH THE BUILDING & PROJECT CODE DATA REFERENCED ON SHEET LS1.
- ALL WORK TO COMPLY WITH THE VIRGINIA TECH DESIGN AND CONSTRUCTION STANDARDS, EFFECTIVE MAY 2020.
- CONTRACTOR MUST FAMILIARIZE THEMSELVES WITH THE PROJECT SITE PRIOR TO SUBMITTING THEIR BID. AS PART OF THE BASE BID CONTRACTOR SHALL INCLUDE PATCHING ANY EXISTING HOLES & PENETRATIONS THROUGH FIRE AND SMOKE WALLS AND BARRIERS IN AREAS OF WORK TO MEET OR EXCEED THE REQUIRED FIRE ASSEMBLY RATING. THIS WORK SHALL INCLUDE PROVIDING & INSTALLING REQD. FIRE DAMPERS AND SMOKE DAMPERS IN EXISTING AND NEW DUCTS WHICH PENETRATE THE RATED ASSEMBLIES.
- CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND ACCESSORIES FOR WORK INDICATED HEREIN, UNLESS NOTED OTHERWISE. WORK SHALL BE COMPLETE AND IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS, MANUFACTURER'S RECOMMENDATIONS, GENERALLY ACCEPTED INDUSTRY STANDARDS OF WORKMANSHIP AND CARE, AND AS REQUIRED FOR A FINISHED INSTALLATION AND TO OBTAIN A CERTIFICATE OF OCCUPANCY.
- EXISTING SQUARE FOOTAGES, DIMENSIONS, TYPES/LOCATIONS OF FIRE-RESISTANCE RATED ASSEMBLIES, AND SIZES/LOCATIONS OF EXISTING EQUIPMENT ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR THE FIELD VERIFICATION OF ALL SITE CONDITIONS PRIOR TO SUBMITTING A BID. IF CONDITIONS IN FIELD DIFFER FROM THOSE SHOWN, NOTIFY OWNER/ARCHITECT IMMEDIATELY.
- PROJECT PERMIT WILL BE ISSUED LOCALLY AND INSPECTED BY VIRGINIA TECH PERSONNEL.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, SEQUENCING, SITE SAFETY, AND SECURITY FOR THE DURATION OF THE PROJECT.
- CONTRACTOR SHALL VERIFY THE AVAILABILITY OF EXISTING FACILITIES AND UTILITIES AT THE PROJECT SITE PRIOR TO SUBMITTING A BID. COSTS ASSOCIATED WITH THE USE OF EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF WORK WITH THE OWNER'S ACTIVITIES AND OTHER TRADES INVOLVED WITH WORK AT THE PROJECT SITE.
- ALL WORK THAT REQUIRES DISABLING OF FIRE AND OTHER EMERGENCY SYSTEMS SHALL BE COORDINATED THROUGH THE VIRGINIA TECH PROJECT MANAGER AND ALL RESPECTIVE VIRGINIA TECH DEPARTMENTS HAVING JURISDICTION PRIOR TO COMMENCING.
- IF A CONFLICT BETWEEN CONSTRUCTION DOCUMENTS, CODE REQUIREMENTS, AND/OR MANUFACTURER'S DATA SHOULD ARISE, THE MORE STRINGENT SHALL PREVAIL.
- CONTRACTOR SHALL PROVIDE ADEQUATE BRACING OF STRUCTURAL MEMBERS AND EXISTING & TEMPORARY STRUCTURES AS REQUIRED FOR THE DURATION OF THE WORK. IF CONDITIONS IN FIELD DIFFER FROM THOSE SHOWN, NOTIFY ARCHITECT/ENGINEER IMMEDIATELY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEANUP AND REMOVAL OF DEBRIS FROM SITE.
- CONTRACTOR SHALL ENFORCE THE USE OF PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED BY OSHA FOR INDUSTRIAL HIGH NOISE AREAS.
- CONTRACTOR'S PERSONNEL SHALL CONDUCT THEMSELVES PROPERLY & MAINTAIN PROPER ATTIRE AT ALL TIMES
- CONTRACTOR SHALL SUBMIT A CONSTRUCTION SCHEDULE FOR OWNER REVIEW WITHIN 5 DAYS OF NOTIFICATION OF LOW BID. THE SCHEDULE SHALL BE BASED UPON THE CRITICAL PATH METHOD IN PDF FORMAT. FAILURE TO SUBMIT SCHEDULE WITHIN TIME NOTED MAY DEEM THE BID AS NON-RESPONSIVE. SCHEDULE SHALL BE AGREED UPON PRIOR TO COMMENCEMENT OF WORK.
- THE CONTRACTOR SHALL COMPLY WITH VIRGINIA TECH'S SAFETY REQUIREMENTS FOR CONTRACTORS AND SUBCONTRACTORS PROGRAM, WHICH IS INCORPORATED BY REFERENCE. COPIES OF THIS PROGRAM ARE AVAILABLE FROM THE OWNER OR MAY BE DOWNLOADED AT [www.ehss.vt.edu](http://www.ehss.vt.edu).

DEMOLITION NOTES

- EXISTING DIMENSIONS, SQUARE FOOTAGES, AND SIZES/LOCATION OF EXISTING EQUIPMENT ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS PRIOR TO SUBMITTING A BID. IF CONDITIONS IN FIELD DIFFER FROM THOSE SHOWN, NOTIFY OWNER/ARCHITECT IMMEDIATELY.
- CONTRACTOR SHALL NOTIFY ALL UTILITIES, INCLUDING BUT NOT LIMITED TO WATER/ SEWER, ELECTRIC, GAS, TELEPHONE, HAVING SERVICE CONNECTIONS TO THE EXISTING BUILDING PRIOR TO DEMOLITION TO ENSURE THAT ANY EQUIPMENT HAS BEEN PROPERLY REMOVED, UNPLUGGED, CAPPED/PLUGGED, OR SEALED AS REQUIRED FOR DEMOLITION AND/OR NEW WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER REMOVAL, CAPPING/PLUGGING, AND SEALING OF SERVICES REMAINING IN WORK AREAS AS REQUIRED FOR DEMOLITION AND/OR NEW WORK.
- DEMO EXISTING PRE-ENGINEERED METAL BUILDING IN ITS ENTIRETY. DEMO SHALL INCLUDE BUT NOT BE LIMITED TO ALL WALLS, ROOF, GUTTERS, DOWNSPOUTS, DOORS, SLABS, FOUNDATIONS, LIGHTS, CONDUIT, PIPING, AND ACCOCIATED UTILITIES. CAP ALL UTILITIES AT THE LOCATIONS SHOWN ON THE CIVIL DRAWINGS.
- REMOVE DEMOLISHED MATERIALS FROM SITE DAILY AFTER ALLOWING OWNER FIRST RIGHT OF REFUSAL FOR ANY SALVAGEABLE MATERIALS. COORDINATE WITH OWNER'S PROJECT MANAGER.
- ANY DOOR LOCK HARDWARE & CORES REMOVED SHALL BE TURNED OVER TO THE VIRGINIA TECH KEY SHOP.
- EXISTING ITEMS AND ADJACENT CONSTRUCTION TO REMAIN IN AREAS OF WORK SHALL BE PROTECTED DURING DEMOLITION ACTIVITIES. ITEMS DAMAGED BY CONTRACTOR SHALL BE REPLACED AT CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER.
- PATCH AND REPAIR ANY DAMAGED EXISTING SURFACES TO REMAIN WITH SIMILAR MATERIALS AND AS REQUIRED TO MATCH ADJACENT SURFACES.
- CONTRACTOR SHALL PROVIDE ADEQUATE BRACING OF STRUCTURAL MEMBERS AND EXISTING/TEMPORARY STRUCTURES, AND PROVIDE ADDITIONAL SHORING DURING DEMOLITION OF EXISTING WALLS, ETC. AS REQUIRED FOR THE DURATION OF THE PROJECT.
- THE OWNER SHALL BE RESPONSIBLE FOR THE RELOCATION AND STORAGE OF NON-FIXED EQUIPMENT AND FURNISHINGS, INCLUDING FURNITURE, PRIOR TO THE START OF WORK, UNLESS OTHERWISE INDICATED.
- EXCAVATION NEAR EXISTING LIGHT POLE (AREA INDICATED):
  - COORDINATE WITH OWNER TO CAREFULLY REMOVE & STORE OR LOWER LIGHT BARS TO APPROXIMATELY 1/2 POLE HEIGHT AND SECURE.
  - CHECK WEATHER FORECAST TO VERIFY LOW RISK OF HIGH WINDS (GREATER THAN 60 MPH) FOR PERIOD OF EXCAVATION + A MINIMUM OF 3 DAYS.
    - SHOULD HIGHER WINDS BE FORECAST WHILE CONSTRUCTION WORK IS PROCEEDING, TEMPORARILY LOWER LIGHTS TO MAINTENANCE LEVEL AND SECURE UNTIL WIND EVENT IS COMPLETE.
  - WORKING QUICKLY:
    - EXCAVATE WITHIN INDICATED AREA TO THE MINIMUM EXTENTS REQUIRED FOR DEMOLITION.
    - KEEP EXCAVATION PROTECTED FROM RAIN/SNOW OR OTHER DETERIORATION. DO NOT ALLOW WATER/SNOW TO STAND IN EXCAVATION.
    - BACKFILL WITH FLOWABLE FILL TO SUBBASE LEVEL AND ALLOW TO CURE 3 DAYS.
  - YOU MAY RESTORE LIGHTS TO PROPER HEIGHT AT THAT TIME.

NOTE: IF LIGHTS ARE NEEDED FOR AN EVENT AND WIND IS TO REMAIN BELOW 40 MPH –THE LIGHTS MAY BE RAISED FOR EVENT AND THEN RETURN THEM TO 1/2 POLE HEIGHT UNTIL ABOVE WORK IS COMPLETE.



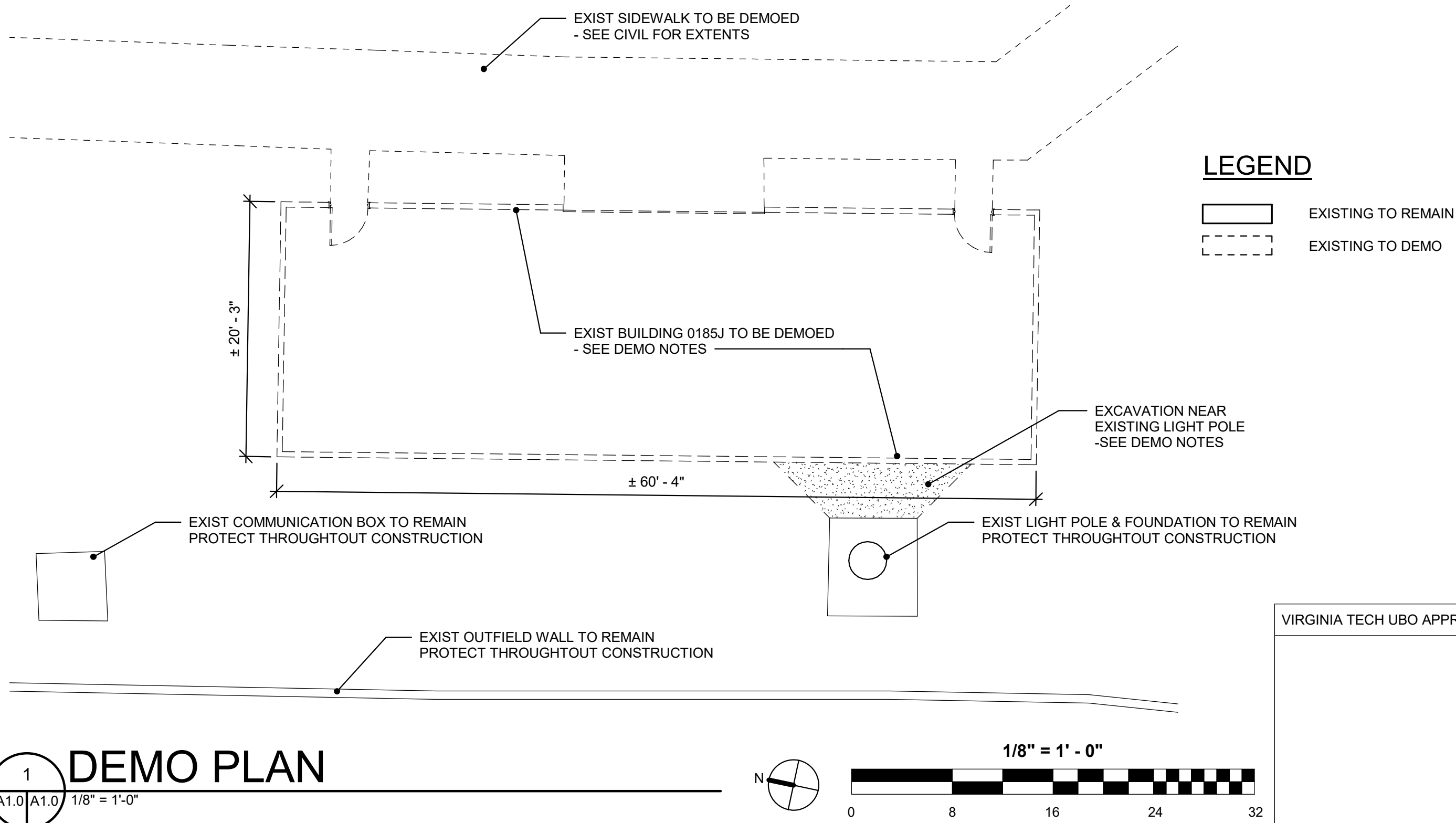
FRONT (EAST) VIEW



SIDE (NORTH) VIEW

- EXIST LIGHT POLE & FOUNDATION TO REMAIN PROTECT THROUGHOUT CONSTRUCTION
- EXIST TREES TO BE DEMOED - SEE CIVIL
- EXIST BUILDING 0185J TO BE DEMOED - SEE DEMO NOTES
- EXIST TREES TO REMAIN PROTECT THROUGHOUT CONSTRUCTION
- EXIST SIDEWALK TO BE DEMOED - SEE CIVIL FOR EXTENTS

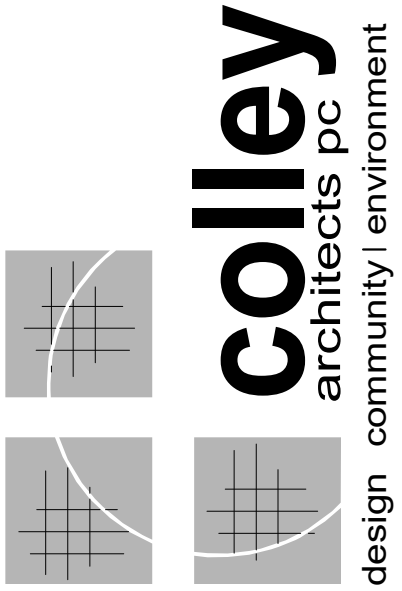
- EXIST TREES TO REMAIN PROTECT THROUGHOUT CONSTRUCTION
- EXIST LIGHT POLE & FOUNDATION TO REMAIN PROTECT THROUGHOUT CONSTRUCTION
- EXIST TREES TO BE DEMOED - SEE CIVIL
- EXIST BUILDING 0185J TO BE DEMOED - SEE DEMO NOTES
- EXIST BUSHES TO BE DEMOED
- EXIST OUTFIELD WALL TO REMAIN PROTECT THROUGHOUT CONSTRUCTION
- EXIST COMMUNICATION BOX TO REMAIN PROTECT THROUGHOUT CONSTRUCTION
- SIDEWALK TO REMAIN IN THIS AREA - SEE CIVIL FOR EXTENTS



LEGEND

- EXISTING TO REMAIN
- EXISTING TO DEMO

VIRGINIA TECH UBO APPROVAL



SUITE 200 200 N. MAIN STREET  
BLACKSBURG, VA 24060  
P. 540.953.ARCH (2724)  
F. 540.953.2725

BID SET  
95% NOT FOR  
CONSTRUCTION

REVISIONS	DATE

DEMOLITION PLAN & NOTES

VIRGINIA TECH ATHLETICS

DEMO OF TRACK  
STORAGE SHED

BLACKSBURG - VIRGINIA



DATE	10 . 08 . 21
WORK ORDER	A0135-22-511452
SCALE	AS NOTED
DRAWN	NSD
JOB	2114
SHEET	

A1.0