

# Estill County Schools Central Storage Facility Demolition

Irvine, Kentucky

for the

Estill County Board of Education

253 Main Street Irvine, Kentucky 40336  
p 606.723.2181

BG # 22-208  
RTA # 2161



101 old lafayette avenue  
lexington, kentucky 40502  
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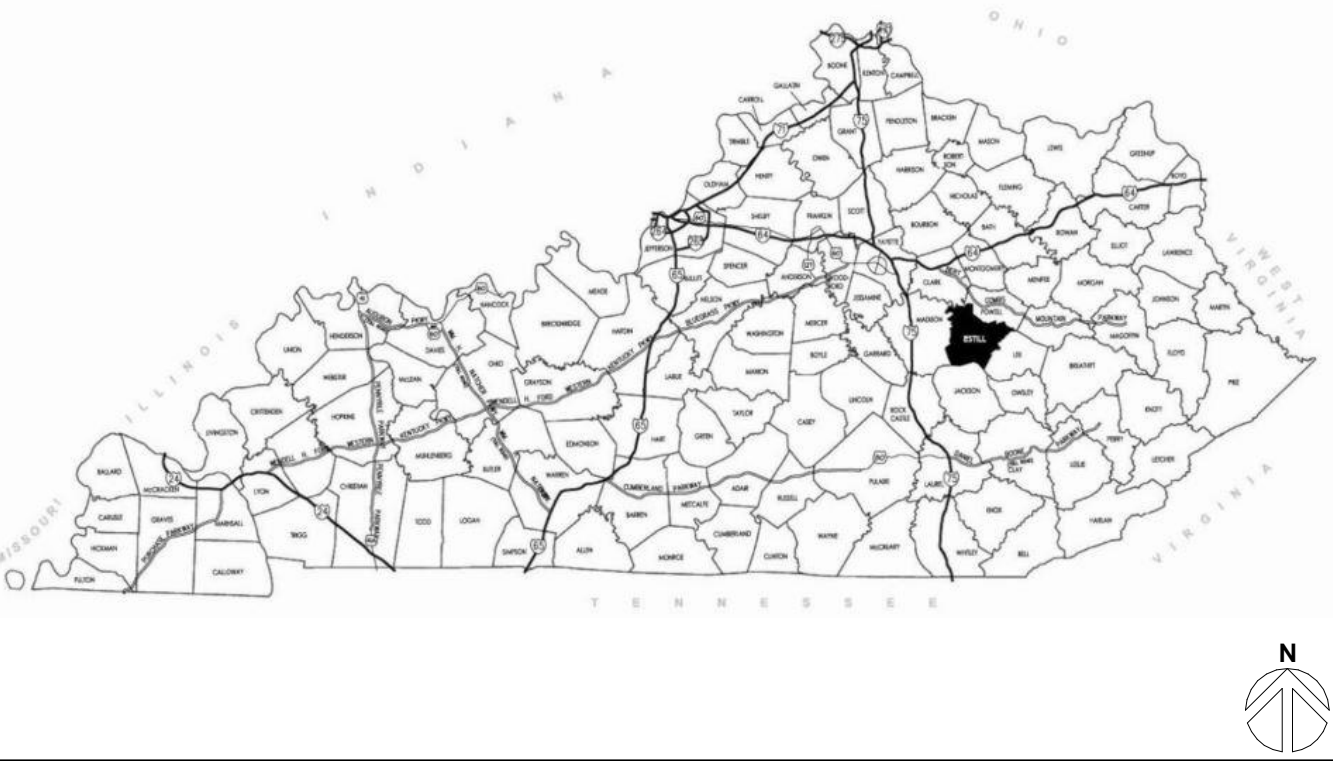
PROJECT SITE ADDRESS:

314 Main St,  
Irvine, KY 40336

VICINITY MAP



PROJECT VICINITY MAP



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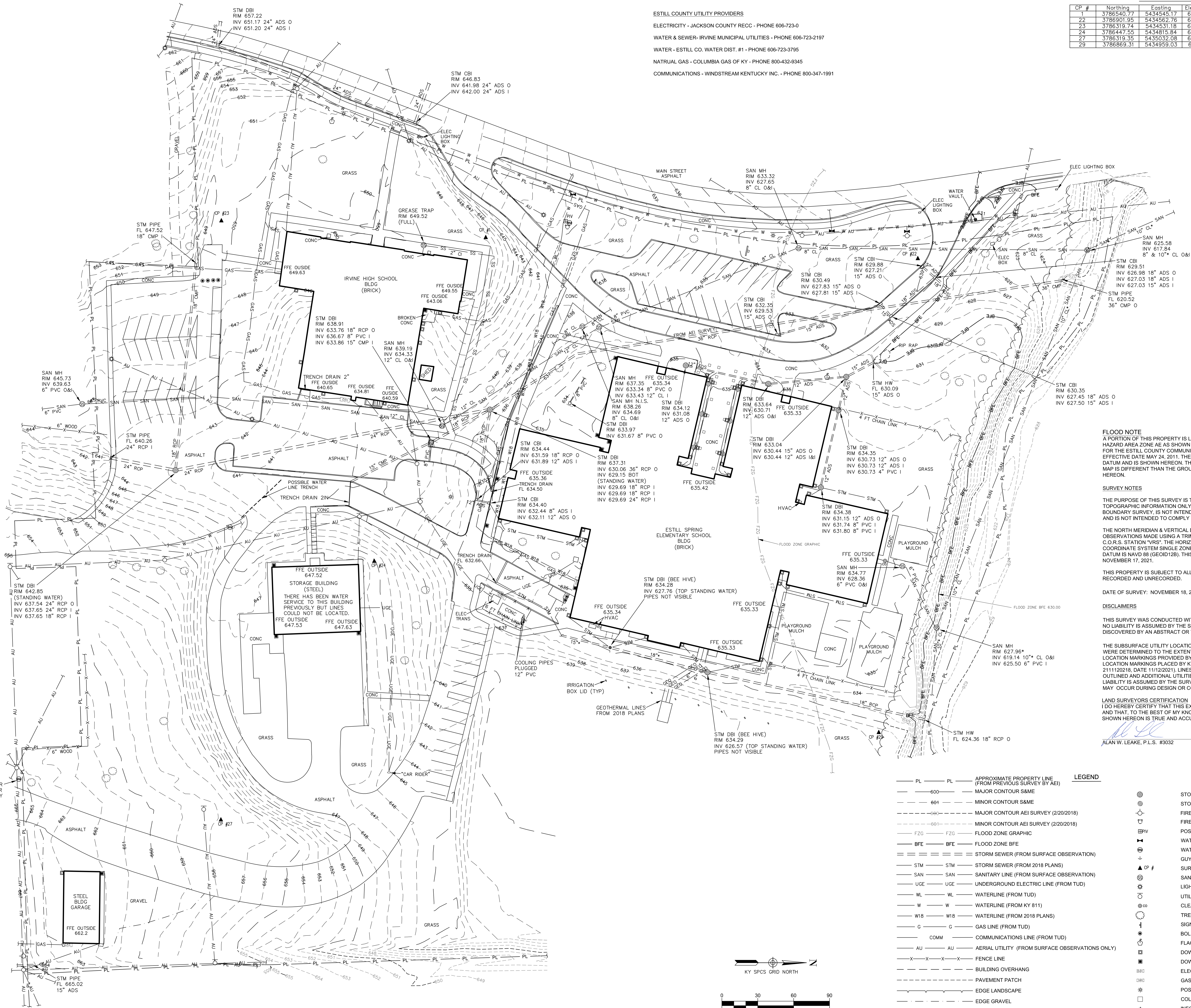
COVER SHEET  
ESTILL COUNTY CENTRAL STORAGE DEMOLITION  
FOR:  
ESTILL COUNTY BOARD OF EDUCATION  
IRVINE, KENTUCKY

BG# 22-208  
Project No: 2161  
Drawn By: JR  
Rev'd By: JR

SHEET RELEASE	
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CONSTRUCTION DOCUMENTS  
G0.0  
COVER SHEET  
DATE ISSUED:  
JANUARY 13, 2022



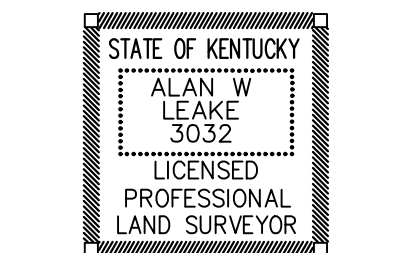


ESTILL COUNTY UTILITY PROVIDERS  
ELECTRICITY - JACKSON COUNTY RECC - PHONE 606-723-0  
WATER & SEWER- IRVINE MUNICIPAL UTILITIES - PHONE 606-723-2197  
WATER - ESTILL CO. WATER DIST. #1 - PHONE 606-723-3795  
NATURAL GAS - COLUMBIA GAS OF KY - PHONE 800-432-9345  
COMMUNICATIONS - WINDSTREAM KENTUCKY INC. - PHONE 800-347-1991

SURVEY CONTROL POINTS				
CP #	Northing	Easting	Elevation	Description
22	3786540.77	5434545.17	648.88	IFCS AEI
23	3786501.35	5434562.76	630.73	IRON PIN FOUND AEI
24	3786319.74	5434531.18	650.54	IRON PIN SET
25	3786447.55	5434815.84	645.20	IRON PIN SET
26	3786319.35	5435032.08	657.93	IRON PIN SET
27	3786669.31	5434959.03	636.61	IRON PIN SET

2020 LIBERTY ROAD, SUITE 105  
LEXINGTON, KY 40505  
(859) 295-5518

CLIENT: ESTILL COUNTY SCHOOL BOARD  
253 MAIN ST.  
IRVINE, KY 40336



DESCRIPTION	
BY	CHK
DATE	NO
SCALE: 1"=30'	DATE: 12/13/2021
DRAWN BY: WSL	CHECKED BY: MDG
DESIGNED BY: NA	APPROVED BY: AWL

**FLOOD NOTE**  
A PORTION OF THIS PROPERTY IS LOCATED WITHIN THE SPECIAL FLOOD HAZARD AREA ZONE AE AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP FOR THE ESTILL COUNTY COMMUNITY NUMBER 210279 MAP NO. 2106SC0128D EFFECTIVE DATE MAY 24, 2011. THE BASE FLOOD ELEVATION IS 630.00 NGVD88 DATUM AND IS SHOWN HEREON. THE GRAPHIC LOCATION AS PER THE FLOOD MAP IS DIFFERENT THAN THE GROUND ELEVATION LOCATION AND IS SHOWN HEREON.

**SURVEY NOTES**  
THE PURPOSE OF THIS SURVEY IS TO PROVIDE SITE IMPROVEMENT & TOPOGRAPHIC INFORMATION ONLY. THIS DOCUMENT DOES NOT REPRESENT A BOUNDARY SURVEY, IS NOT INTENDED FOR RECORDING OR LAND TRANSFER AND IS NOT INTENDED TO COMPLY WITH 201 KAR 18:150.

THE NORTH MERIDIAN & VERTICAL DATUM SHOWN HEREON ARE BASED ON GPS OBSERVATIONS MADE USING A TRIMBLE R10 NETWORK RECEIVER USING C.O.R.S. STATION "VRS", THE HORIZONTAL DATUM IS KENTUCKY STATE PLANE COORDINATE SYSTEM SINGLE ZONE (NAD 83) GRID NORTH. THE VERTICAL DATUM IS NAVD 88 (GEOID12B). THIS SURVEY CONTROL WAS ESTABLISHED ON NOVEMBER 17, 2021.

THIS PROPERTY IS SUBJECT TO ALL EASEMENTS AND RIGHTS OF WAY BOTH RECORDED AND UNRECORDED.

DATE OF SURVEY: NOVEMBER 18, 2021

**DISCLAIMERS**

THIS SURVEY WAS CONDUCTED WITHOUT THE BENEFIT OF A TITLE ABSTRACT. NO LIABILITY IS ASSUMED BY THE SURVEYOR FOR ANY LOSS THAT MAY BE DISCOVERED BY AN ABSTRACT OR TITLE SEARCH.

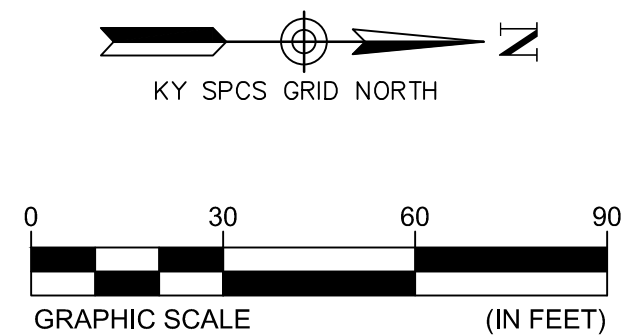
THE SUBSURFACE UTILITY LOCATIONS AND DESCRIPTIONS SHOWN HEREON WERE DETERMINED TO THE EXTENT POSSIBLE BY SURFACE OBSERVATIONS, LOCATION MARKINGS PROVIDED BY THE UNDERGROUND DETECTIVE (TUD) AND LOCATION MARKINGS PLACED BY KY 811 LOCATION SERVICE (TICKET NUMBER 211120218, DATE 11/12/2021). LINES SHOWN MAY VARY FROM THE LOCATIONS OUTLINED AND ADDITIONAL UTILITIES AND OR EASEMENTS MAY EXIST. NO LIABILITY IS ASSUMED BY THE SURVEYOR FOR ANY LOSS OR DAMAGE THAT MAY OCCUR DURING DESIGN OR CONSTRUCTION.

**LAND SURVEYORS CERTIFICATION**  
I DO HEREBY CERTIFY THAT THIS EXHIBIT WAS PREPARED UNDER MY DIRECTION AND THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFORMATION SHOWN HEREON IS TRUE AND ACCURATE.

ALAN W. LEAKE, P.L.S. #3032

12/13/2021

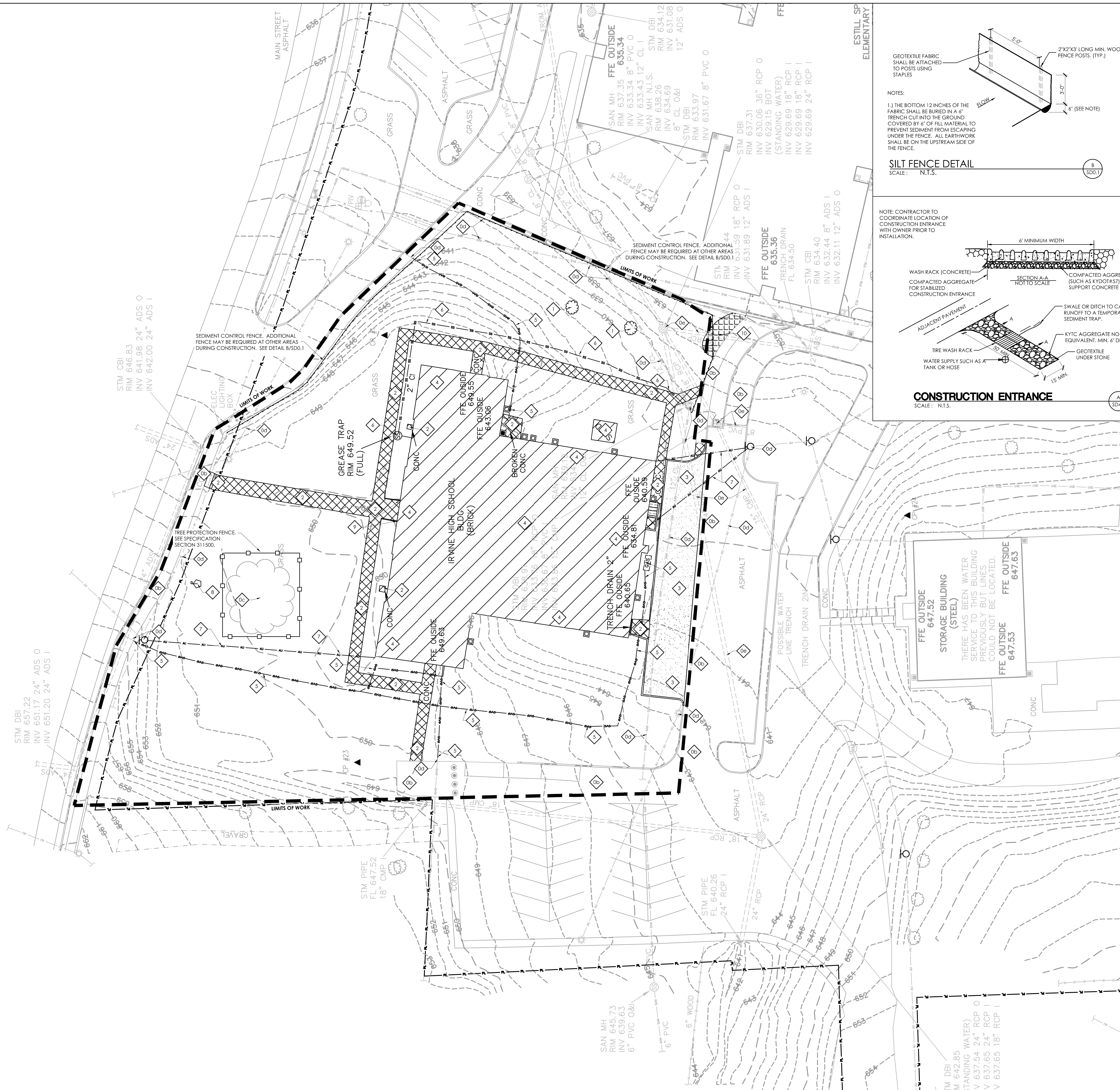
LEGEND	
PL	APPROXIMATE PROPERTY LINE (FROM PREVIOUS SURVEY BY AEI)
600	MAJOR CONTOUR S&ME
601	MINOR CONTOUR S&ME
601	MAJOR CONTOUR AEI SURVEY (2/20/2018)
601	MINOR CONTOUR AEI SURVEY (2/20/2018)
FZG	FLOOD ZONE GRAPHIC
BFE	FLOOD ZONE BFE
STM	STORM SEWER (FROM SURFACE OBSERVATION)
STM	STORM SEWER (FROM 2018 PLANS)
SAN	SANITARY LINE (FROM SURFACE OBSERVATION)
UGE	UNDERGROUND ELECTRIC LINE (FROM TUD)
WL	WATERLINE (FROM TUD)
W	WATERLINE (FROM KY 811)
W18	WATERLINE (FROM 2018 PLANS)
G	GAS LINE (FROM TUD)
COMM	COMMUNICATIONS LINE (FROM TUD)
AU	AERIAL UTILITY (FROM SURFACE OBSERVATIONS ONLY)
X-X-X-X	FENCE LINE
	BUILDING OVERHANG
	PAVEMENT PATCH
	EDGE LANDSCAPE
	EDGE GRAVEL
	TREELINE
	STORM SEWER DROP INLET
	STORM YARD (FROM 2018 PLANS)
	FIRE HYDRANT
	FIRE HOSE CONNECTION
	POST INDICATOR VALVE
	WATER VALVE
	WATER METER
	GUY WIRE
CP #	SURVEY CONTROL POINT
	SANITARY MANHOLE
	LIGHT POLE
	UTILITY POLE
	CLEANOUT (STORM OR SANITARY)
	TREE (NOT TO SCALE)
	SIGN
	BOLLARD
	FLAG POLE
	DOWNSPOUT TO STORM DRAIN
	DOWNSPOUT TO GRADE
	ELECTRIC METER
	GAS METER
	POSSIBLE LIGHT POLE BASE
	COLUMN BRICK (N.T.S.)
	INFORMATION USED FROM 2018 PLANS



TOPOGRAPHIC SURVEY  
ESTILL SPRINGS ELEMENTARY SCHOOL  
253 MAIN STREET  
IRVINE, KENTUCKY 40336

PROJECT NUMBER
21830011
SHEET NUMBER





GENERAL SITE NOTES

1. THE SITE PLANS WERE PREPARED BASED UPON TOPOGRAPHIC SURVEYS BY S&ME, 2020 LIBERTY ROAD SITE 105, 40505 REFER TO SITE SURVEY SHEETS.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS, REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
3. THE ARCHITECT AND ARCHITECTS CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF, OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC SUBSTANCES.
4. THE CONTRACTOR SHALL USE EXTREME CARE IN WORKING AROUND EXISTING OVERHEAD AND UNDERGROUND UTILITIES. MEASURES SHOULD BE TAKEN TO PROTECT ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION.
5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.1 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING AND CONSTRUCTION FENCING/STAGING.

SITE DEMOLITION TAGS

- EXISTING TO REMAIN, PROTECT THROUGHOUT CONSTRUCTION.
  - (a) BUILDING TO REMAIN. NO UTILITIES TO THESE FACILITIES ARE TO BE REMOVED UNLESS NEW PERMANENT UTILITY IS PROVIDED PRIOR TO DEMOLITION.
  - (b) PAVEMENT TO REMAIN - PATCH/REPAIR WHERE DAMAGED BY CONSTRUCTION. SAW-CUT TO PROVIDE CLEAN EDGE. CONCRETE PAVING TO BE SAW-CUT BACK TO NEAREST UNDAMAGED CONTROL OR ISOLATION JOINT. MATCH NEW ADJACENT PAVEMENT TO EXISTING PAVEMENT ELEVATIONS.
  - (c) TREE/VEGETATION TO REMAIN.
  - (d) UTILITY TO REMAIN.
  - (e) STORM LINE/STRUCTURE TO REMAIN.
- DEMOLISH AND REMOVE EXISTING TREE/SHRUB AND COMPLETELY REMOVE ALL ASSOCIATED STUMPS.
- DEMOLISH AND REMOVE EXISTING CONCRETE PAVEMENT, STAIR, AND AGGREGATE BASE.
- DEMOLISH AND REMOVE EXISTING ASPHALT PAVEMENT AND AGGREGATE BASE. SAWCUT EDGES.
- DEMOLISH AND REMOVE EXISTING BUILDING STRUCTURE AND ASSOCIATED FOOTINGS/FOUNDATIONS. SALVAGE PORTIONS OF MATERIALS AS SPECIFIED. (024100)
- DEMOLISH AND REMOVE EXISTING GAS UTILITY LINE/STRUCTURE. CAP GAS LINES TO REMAIN. COORDINATE ALL GAS LINE DEMOLITION WORK WITH THE LOCAL UTILITY AUTHORITY PRIOR TO DEMOLITION ACTIVITIES.
- DEMOLISH AND REMOVE EXISTING SANITARY LINE/STRUCTURE. WHERE LINES ARE SHOWN TO BE REMOVED FROM STRUCTURES TO REMAIN, CONTRACTOR IS TO PATCH STRUCTURE TO A WATER TIGHT CONDITION.
- DEMOLISH AND REMOVE AERIAL UTILITY. REMOVE AERIAL UTILITY BACK TO NEAREST POLE. COORDINATE ALL ELECTRICAL/COMMUNICATION UTILITY REMOVAL WITH THE LOCAL UTILITY AUTHORITY PRIOR TO DEMOLITION ACTIVITIES.
- REMOVE EXISTING FLAGPOLE IN GOOD CONDITION. DELIVER AND STORE FLAGPOLE IN LOCATION APPROVED BY OWNER.
- CONTRACTOR TO REMOVE AND SALVAGE EXISTING EXTERIOR LIMESTONE MASONRY AT MAIN ENTRANCE FOR REUSE BY OWNER. REFER TO SPECIFICATION SECTION 024100 FOR ADDITIONAL INFORMATION.
- DEMOLISH AND REMOVE LANDSCAPING.

LEGEND

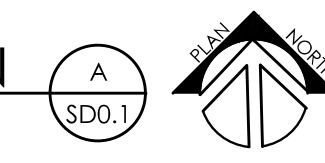
- LANDSCAPING DEMOLITION
- CONCRETE PAVEMENT DEMOLITION
- ASPHALT PAVEMENT DEMOLITION

SITE BMP NOTES

1. CONTRACTOR IS TO PROVIDE ALL KPDES PERMITS, NOTICES OF INTENT (NOIS) AND NOTICES OF TERMINATION INCLUDING EROSION AND SEDIMENT CONTROL PLANS FOR ALL PHASES OF CONSTRUCTION. ALL KPDES AND RELATED DIVISIONS REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE PROJECT IS CLOSED OUT AND THE NOTICE OF TERMINATION APPROVED.
2. SEDIMENT CONTROL FENCING SHOWN AND REFERENCES TO SEDIMENT CONTROLS AT STORM WATER STRUCTURES AND ELSEWHERE ON THE DOCUMENTS ARE NOT TO BE USED FOR DIVISION OF WATER REQUIREMENTS. THESE REFERENCES ARE ONLY REQUIRED BY THE DESIGNER FOR PROPER MAINTENANCE OF THE STORM WATER SYSTEM AND TO MINIMIZE CLEANING OF THE SYSTEM AND PAVEMENTS.
3. EXISTING VEGETATION IS TO BE LEFT INTACT UNTIL CONSTRUCTION IN THAT PARTICULAR LOCATION IS REQUIRED. SOIL STABILIZATION PRACTICES (SEEDING, MULCHING, ETC.) ARE TO BEGIN WITHIN 14 DAYS OF PERMANENT COMPLETION OR TEMPORARY HALT (21 DAYS OR MORE) OF WORK IN ANY PARTICULAR AREA.
4. PERIMETER SEDIMENT AND EROSION CONTROLS ARE TO BE INSTALLED PRIOR TO THE START OF SITE CLEARING AND GRUBBING. EROSION CONTROLS SHALL BE IN ACCORDANCE WITH KYTC. CONTROL SHALL BE ACCOMPLISHED BY USE OF INTERCEPTOR DITCHES, DITCH SILT CHECKS, TEMPORARY SEEDING AND OTHER MEASURES AS MAY BE EFFECTIVE IN ACHIEVING THE DESIRED EFFECT. SILT FENCE SHALL BE INSTALLED TO PREVENT EROSION AND WASH-OFF ONTO WALKS, PAVEMENTS AND ALL ADJOINING PROPERTIES.
5. INSTALL SEDIMENT CONTROL FENCE OR SEDIMENT TRAPS AROUND ALL STORM WATER INLETS AND MAINTAIN UNTIL VEGETATION IS ESTABLISHED OR AREA PAVED AS APPROVED BY THE ARCHITECT. STORM WATER INLET PROTECTION IS TO BE INSTALLED IMMEDIATELY AFTER INSTALLATION OF THE STRUCTURES. REMOVE PROTECTIONS AT THE COMPLETION OF THE PROJECT WHEN CONDITIONS NO LONGER WARRANT THEIR USE. SEE SD4 SHEETS FOR DETAILS.
6. TYPICAL SILT FENCE AND SEDIMENT TRAP INSTALLATION DETAILS ARE SHOWN ON THE SD4 SHEETS. SEE KYTC STANDARDS FOR INFORMATION CONCERNING THE STONE SILT CHECKS.
7. SEDIMENT CONTROLS ARE TO BE INSPECTED, CLEANED AND REPAIRED AFTER EACH RAIN EVENT OF 0.5 INCHES OR MORE, BUT NO LESS THAN ONCE PER WEEK. A LOG OF INSPECTIONS AND CLEANING IS TO BE KEPT ON SITE.
8. THE LOCATIONS OF SEDIMENT CONTROLS SHOWN ARE FOR GENERAL PROTECTION. PRACTICES AND NOT AS PART OF A BMP PLAN. IF CONSTRUCTION ACTIVITIES PRODUCE CONDITIONS THAT REQUIRE ADDITIONAL CONTROLS, IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE, INSTALL AND MAINTAIN THE CONTROLS UNTIL CONDITIONS NO LONGER WARRANT THEIR USE.
9. ALL STORM DRAINAGE CATCH BASINS, CURB INLETS, AND JUNCTIONS BOXES ARE TO RECEIVE PROTECTION FROM SEDIMENTATION. AT A MINIMUM A PERIMETER SILT FENCE SHOULD BE INSTALLED AROUND THE DRAINAGE STRUCTURE AND INSTALLED UNDER THE GRADE.

LEGEND

- SEDIMENT CONTROL FENCE. ADDITIONAL FENCE MAY BE REQUIRED AT OTHER AREAS DURING CONSTRUCTION. SEE DETAIL B/SD0.1







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3. THE ARCHITECT AND ARCHITECTS CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF, OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC SUBSTANCES.
4. THE CONTRACTOR SHALL USE EXTREME CARE IN WORKING AROUND EXISTING OVERHEAD AND UNDERGROUND UTILITIES. MEASURES SHOULD BE TAKEN TO PROTECT ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION.
5. SEE EROSION POLLUTION AND SEDIMENT CONTROL PLAN ON SD0.1 FOR RECOMMENDED BEST MANAGEMENT PRACTICES INFORMATION AND SEDIMENT CONTROLS.
6. REFER TO CONSTRUCTION MANAGER'S PLANS AND SPECIFICATIONS FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING, AND LEED SPECIFIC REQUIREMENTS.

SITE GRADING NOTES

1. THE CONTRACTOR SHALL VERIFY LOCATIONS AND ACTUAL DEPTHS OF ALL EXISTING STORM DRAINS, GAS MAINS, WATER MAINS, SANITARY STRUCTURES/LINES, ELECTRIC LINES, DATA/COMMUNICATION LINES, AND PIPES TO ALL NEW CONNECTIONS AND CROSSINGS. CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO AREAS WHERE CONSTRUCTION OR GRADING MAY INTERFERE WITH SUCH LINES.
2. ANY DISCREPANCIES BETWEEN THIS GRADING PLAN AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING PRIOR TO EXCAVATION, GRADING, TRENCHING, OR OTHER CONSTRUCTION OF ANY SORT. FAILURE TO NOTIFY THE ARCHITECT IN WRITING PRIOR TO COMMENCEMENT OF EXCAVATION, GRADING, TRENCHING, OR OTHER CONSTRUCTION SHALL IMPLY THE CONTRACTOR'S VERIFICATION OF AND ACCEPTANCE OF EXISTING SITE CONDITIONS. SAID FAILURE TO NOTIFY THE ARCHITECT IN WRITING SHALL IDENTIFY AND HOLD HARMLESS THE OWNER FROM ANY ADDITIONAL COSTS INCURRED BY THE CONTRACTOR DUE TO DISCREPANCIES NOT REPORTED WHICH COULD HAVE BEEN DETECTED BY PRUDENT AND REASONABLE OBSERVATION AND VERIFICATION BY THE CONTRACTOR.
3. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO POND IN CONSTRUCTION AREAS.
4. RELOCATE ALL BURIED UTILITIES THAT ARE IMPACTED BY ANY EARTHWORK. RELOCATED UTILITY LOCATIONS ARE TO BE APPROVED BY THE ARCHITECT PRIOR TO STARTING WORK.
5. PROTECT AREAS TO BE HYDROSEDED. REFER TO SPECIFICATION SECTION 329219 FOR ADDITION INFORMATION.
6. ANY AREAS DISTURBED DURING CONSTRUCTION ARE TO BE RECONDITIONED, SEEDED AND MULCHED PER THE SPECIFICATIONS.
7. COMPACT SOIL TO NOT LESS THAN 98% OF THEIR STANDARD PROCTOR MAXIMUM DRY DENSITY AT PLUS OR MINUS TWO (2) PERCENT OF OPTIMUM MOISTURE CONTENT.
8. ALL TREES THAT ARE IDENTIFIED BY THE ARCHITECT TO REMAIN, EITHER ON THE DRAWING OR IN THE FIELD, ARE TO BE PROTECTED IN ACCORDANCE WITH THE SPECIFICATIONS. ALL TREES LOCATED OUTSIDE OF AREAS IDENTIFIED TO BE RE-GRADED ARE TO BE PROTECTED IN ACCORDANCE WITH THE SPECIFICATIONS.
9. THE CONTRACTOR SHALL ENSURE THAT CONSTRUCTION DEBRIS AND SEDIMENT ARE REMOVED DAILY FROM SITE DRIVEWAYS, PARKING AREAS, WALKWAYS AND SURROUNDING ROADWAYS AND WALKWAYS.
10. REMOVE ANY EXCESS SOILS TO AN OFF SITE LOCATION.
11. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A CRUSHED STONE ENTRY AND DRIVE TO REDUCE SOIL TRACKING.



SITE GRADING PLAN  
ESTILL COUNTY CENTRAL STORAGE DEMOLITION  
FOR:  
ESTILL COUNTY BOARD OF EDUCATION  
IRVINE, KENTUCKY