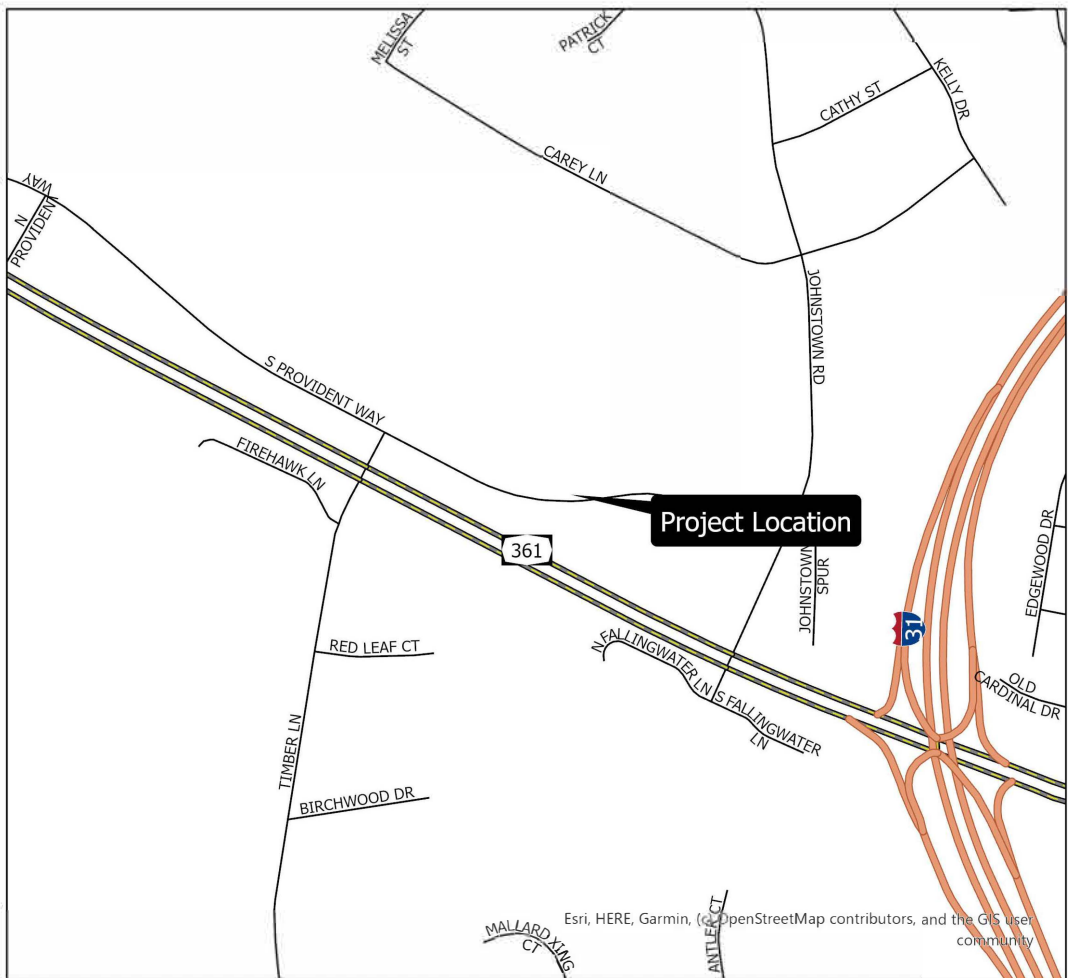


# LTADD Expansion

Lincoln Trail Area Development District  
New Building Expansion

Lincoln Trail Area Development District  
750 South Provident Way  
Elizabethtown, KY 42701  
August 20,2025



<div><div>LINCOLN TRAIL AREA DEVELOPMENT DISTRICT Engineering Department 750 S. Provident Way - Elizabethtown, KY 42701 Phone: (502) 969-3395</div></div>		Cover Sheet		DATE: 8/25/2025		
				Sheet 1 of 6		
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GENERAL NOTES:

1. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO LOCAL AND STATE REGULATIONS AND SPECIFICATIONS.
2. ANY PART OF THE WORK THAT IS NECESSARY OR REQUIRED TO MAKE EACH INSTALLATION SATISFACTORY AND OPERABLE FOR ITS INTENDED PURPOSE TO THE SATISFACTION OF THE OWNER AND ENGINEER, EVEN THOUGH IT IS NOT SPECIFICALLY INCLUDED IN THE DRAWINGS, SHALL BE PERFORMED AS INCIDENTAL WORK AS IF IT WERE SHOWN ON THE DRAWINGS.
3. THE CONTRACTOR SHALL NOTIFY EACH RESIDENT 48 HOURS PRIOR TO EXCAVATING ON OR NEAR THEIR PROPERTY AND ADVISE THE RESIDENT ON THE ESTIMATED TIME OF CONSTRUCTION. THE CONTRACTOR SHALL CLEAN UP AS CONSTRUCTION PROGRESSES.
4. ALL PIPE AND TRENCH BACKFILL WITHIN KYTC RIGHT-OF-WAY SHALL BE CONTROLLED (FLOWABLE) LOW STRENGTH DENSITY BACKFILL AS SPECIFIED.
5. CONTACT THE ENGINEER BEFORE MAKING ANY DEVIATIONS GREATER THAN REASONABLE CONSTRUCTION TOLERANCES FROM THE PLANS OR SPECIFICATIONS.
6. RIGHT-OF-WAY AND PROPERTY LINES SHOWN ARE PLOTTED FROM DEEDS AND PLATS OF RECORD AND ARE APPROXIMATE AND NOT THE RESULT OF A FIELD BOUNDARY SURVEY.
7. THE CONTRACTOR SHALL LIMIT THEIR WORK AREA TO THE DISTURBED LIMITS SHOWN ON THESE PLANS UNLESS WRITTEN PERMISSION IS GIVEN BY THE PROPERTY OWNER AND APPROVED BY THE SANITATION DISTRICT.
8. THE CONTRACTOR SHALL CLEAN UP THE WORK SITE AT THE END OF EACH DAY, SWEEPING THE STREET OF ANY DEBRIS, DISPOSING OF TRASH, AND KEEPING THE SITE AS CLEAN TO THE SATISFACTION OF THE OWNER.
9. THE CONTRACTOR IS REQUIRED TO REPLACE ANY FENCING THAT IS REMOVED WITH AN EQUAL OR BETTER QUALITY FENCING TO THE OWNERS SATISFACTION.
10. THE CONTRACTOR WILL BE RESPONSIBLE FOR A 1-YEAR MAINTENANCE PERIOD BEGINNING FROM FINAL PROJECT COMPLETION.
11. CONTRACTOR SHALL ESTABLISH AN ACCEPTABLE GROWTH OF GRASS (AS DEFINED IN SPECIFICATIONS) FOR ALL AREAS DISTURBED DURING THE COURSE OF CONSTRUCTION, AS APPLICABLE.
12. PRIOR TO THE SCHEDULED DATE FOR THE PRE-CONSTRUCTION MEETING THE CONTRACTOR SHALL SUBMIT TO THE OWNER FOR REVIEW A CONSTRUCTION SCHEDULE THAT INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING AS REQUESTED:
- A. ANTICIPATED START AND COMPLETION DATES
  - B. SEQUENCE AND PHASING OF CONSTRUCTION
  - C. STAGING AREAS FOR MATERIALS AND EQUIPMENT
  - D. ACCESS POINTS AND STONE CONSTRUCTION ENTRANCES
  - E. LIST OF SUBCONTRACTORS AND MATERIAL SUPPLIERS
  - F. POINTS OF CONTACT AND EMERGENCY PHONE NUMBERS
  - G. PROOF OF INSURANCE AND BONDING STATUS
13. ALL NON-PERMANENT STRUCTURES (SHEDS, SWINGS, PLAY EQUIPMENT, ETC.) THAT ENCR OACH ON CONSTRUCTION SHALL BE TEMPORARILY REMOVED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. IF ANY OF THESE ITEMS ARE DAMAGED DURING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE TO RESTORE THE ITEMS IN AS GOOD OR BETTER CONDITION AS THEY WERE IN AT THE START OF THE PROJECT.
14. UTILITY NOTES:
1. THE CONTRACTOR SHALL VERIFY THE LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES, AS INDICATED ON THE DRAWINGS, ARE FOR INFORMATIONAL PURPOSES ONLY. NO RESPONSIBILITY IS ASSUMED FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION. ALL UTILITIES MUST BE MARKED AND THEIR HORIZONTAL AND VERTICAL LOCATION FIELD VERIFIED BY THE CONTRACTOR PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL NOT CUT OR DISCONNECT ANY EXISTING UTILITIES WITHOUT PRIOR APPROVAL FROM THE APPROPRIATE AGENCY.
2. THE EXISTING UNDERGROUND UTILITIES AND SERVICES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS ACCORDING TO KNOWN INFORMATION AVAILABLE. THE LOCATIONS SHOWN ARE INTENDED ONLY AS A GUIDE AND CANNOT BE GUARANTEED TO BE ACCURATE OR COMPLETE. DURING CONSTRUCTION THE CONTRACTOR SHALL PROTECT FROM DAMAGE ALL EXISTING UTILITIES, WHETHER SHOWN ON THE CONTRACT DRAWING OR NOT. IF DAMAGE IS CAUSED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR RESTORATION OF SAME TO THE SATISFACTION OF THE OWNER OR UTILITY OWNER AT THE CONTRACTOR'S SOLE EXPENSE. ELECTRIC SERVICE, GAS SERVICE, WATER SERVICE, TELEPHONE AND CABLE SERVICE, AND OTHER UTILITY LINES MAY BE LOCATED IN THE PROXIMITY OF THE WORK AREA.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR:

- A.) CONTACTING THE INDIVIDUAL UTILITY OWNERS TEN (10) DAYS PRIOR TO CONSTRUCTION AND ADVISING THEM OF THE WORK TO TAKE PLACE.
  - B.) SOLICITING THEIR AID IN LOCATING AND PROTECTING OR RELOCATING ANY UTILITY THAT MAY INTERFERE WITH CONSTRUCTION.
  - C.) ALL DAMAGE TO ANY EXISTING UTILITY, AND REPAIR THEREOF.
  - D.) CONTACTING THE KENTUCKY UNDERGROUND PROTECTION INC. (KUPI 1-800-752-6007 OR 811) 48 HOURS MINIMUM PRIOR TO CONSTRUCTION.
  - E.) CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO RESTORE ALL EXISTING UTILITIES WHETHER SHOWN OR NOT, ENCOUNTERED OR DISTURBED DURING CONSTRUCTION TO BEFORE CONSTRUCTION CONDITIONS OR BETTER, AS ACCEPTABLE TO THE UTILITY OWNER.
3. WHERE POTENTIAL ELEVATION CONFLICTS MAY OCCUR WITH EXISTING UTILITIES, THE CONTRACTOR SHALL UNCOVER SUCH UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION IN ORDER THAT EXACT ELEVATIONS MAY BE DETERMINED AND THE NECESSARY ADJUSTMENT MADE.
4. THE OWNERS OF UTILITIES IN THE PROJECT AREA SHALL BE NOTIFIED 48 HOURS PRIOR TO CONSTRUCTION TO FIELD-LOCATE SAID UTILITIES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING SUPPORT OR TEMPORARY RELOCATION OF ALL EXISTING OVERHEAD UTILITIES AFFECTED BY THE PROPOSED CONSTRUCTION.
- A.) WHERE HIGH-PRESSURE, OIL-FILLED PIPE-TYPE CABLE INSTALLATION ARE EXPOSED OR OTHERWISE INTERFERED WITH BY THE CONTRACTOR, PROTECTION BY THE CONTRACTOR WILL BE REQUIRED AGAINST DAMAGE TO THE COATING OR SUPPORTING THERMAL SAND ENVELOPE.
  - B.) WHERE CONCRETE ENCASED CONDUIT SYSTEMS OR DIRECT BURIED CABLE SYSTEMS ARE EXPOSED OR OTHERWISE INTERFERED WITH, THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY TO PROTECT THE SYSTEM AS NECESSARY AGAINST DAMAGE. AS SOON AS FEASIBLE, THE CONTRACTOR SHALL TAKE ADDITIONAL APPROPRIATE STEPS TO PROVIDE PERMANENT MEASURES TO RESTORE SUPPORT. THE METHODS USED SHALL BE BASED ON CONDITIONS TO BE DETERMINED BY THE UTILITY.
  - C.) WHERE POLE OR ANCHORS THAT SUPPORT OVERHEAD ELECTRIC FACILITIES ARE EXPOSED OR OTHERWISE INTERFERED WITH, THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY TO PROTECT THEM FROM DAMAGE AND PROVIDE TEMPORARY SUPPORT TO ENSURE THE INTEGRITY OF THE SYSTEM. AS SOON AS FEASIBLE, THE CONTRACTOR SHALL TAKE ADDITIONAL APPROPRIATE STEPS TO PROVIDE PERMANENT MEASURES TO RESTORE SUPPORT. THE METHODS USED SHALL BE BASED ON CONDITIONS TO BE DETERMINED BY THE UTILITY.
  - D.) WHERE THE DEPTH OF EXCAVATION FOR THE PROPOSED WORK IS GREATER THAN 5 FEET, THE CONTRACTOR SHALL SHEET AND SHORE THE TRENCH AND COORDINATE WITH THE UTILITY TO CONTINUOUSLY MAINTAIN THE SUPPORT OF ELECTRIC FACILITIES AT LOCATIONS WHERE THE ELECTRIC FACILITIES ARE WITHIN THE ZONE OF INFLUENCE ADJACENT TO THE EXCAVATION AS DETERMINED BY THE NATURAL ANGLE OF REPOSE OF THE SOIL.
  - E.) ALL DAMAGE TO ELECTRIC FACILITIES AND SERVICES REQUIRING ADJUSTMENTS, RELOCATIONS AND/OR REPAIRS WILL BE MADE AT THE CONTRACTOR'S COST. CONTRACTOR SHALL NOT BACKFILL EXPOSED ELECTRIC FACILITIES UNTIL THE COMPANY HAS INSPECTED ITS FACILITY OR PERFORMED ANY ADJUSTMENTS AND/OR MAINTENANCE THAT MAY BE REQUIRED.
6. WASTEWATER FACILITIES SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE OF PIPE.
7. BEFORE PROCEEDING WITH THE WORK, THE CONTRACTOR SHALL COORDINATE WITH ANY PUBLIC OR PRIVATE COMPANIES, AGENCIES OR DEPARTMENTS THAT OWN AND OPERATE UTILITIES IN THE VICINITY OF THE CONSTRUCTION.

PAVING NOTES:

1. ALL BITUMINOUS PAVEMENT CUTS SHALL BE SAW CUT AND NEATLY PATCHED TO MATCH EXISTING PAVEMENT SECTION.
2. ALL CONCRETE PAVEMENT CUTS SHALL BE SAW CUT AND REPLACED FROM EXPANSION JOINT TO EXPANSION JOINT.
3. CONTRACTOR SHALL RESTORE DISTURBED PAVEMENT AFTER CONSTRUCTION, SHALL MINIMIZE INCONVENIENCE TO TRAFFIC DURING CONSTRUCTION, AND SHALL PROVIDE SMOOTH TRANSITIONS TO EXISTING PAVEMENT. PAVING MATERIALS AND CONSTRUCTION THEREOF SHALL BE IN ACCORDANCE WITH THE KYTC STANDARD SPECIFICATIONS AND THE PROJECT SPECIFICATIONS.
4. CONSTRUCTION ACCESS ROADS, EXISTING PAVEMENT OR GRAVEL ROADS, AND DRIVEWAYS AND PARKING LOTS IF REMOVED, DISTURBED, OR DAMAGED BY CONTRACTOR'S WORK SHALL BE MAINTAINED BY CONTRACTOR AND RESTORED OR REPLACED TO EXISTING OR BETTER THAN PRE-CONSTRUCTION CONDITIONS AFTER WORK IS COMPLETE.

SAFETY ADVISORY NOTES:

1. PROTECTION OF PERSONS AND PROPERTY: BARRICADE OPEN EXCAVATIONS OCCURRING AS PART OF THIS WORK AS REQUIRED TO MAINTAIN VEHICULAR AND PEDESTRIAN SAFETY. PROVIDE ALL NECESSARY BARRIERS, WARNING LIGHTS, SIGNAGE, FLAGMEN, AND OTHER MEASURES AS REQUIRED TO MAINTAIN PUBLIC SAFETY AS DESIGNATED ON THE PLANS, DIRECTED BY THE OWNER, AND AS RECOMMENDED BY OTHER AUTHORITIES HAVING JURISDICTION.

EROSION, SEDIMENT, & ENVIRONMENTAL IMPACT NOTES:

1. THE CONTRACTOR MUST PROVIDE AN EROSION PREVENTION & SEDIMENT CONTROL PLAN FOR APPROVAL FROM LINCOLN TRAIL AREA DEVELOPMENT DISTRICT.

TRAFFIC CONTROL NOTES:

1. CONTRACTOR SHALL COMPLY WITH THE APPLICABLE ENCROACHMENT PERMIT.
2. ACCESS STREETS SHALL BE MAINTAINED CLEAN AND FREE OF MUD AND ROCKS.

UTILITIES AND JOB SITE SAFETY:

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY DURING CONSTRUCTION. JOB SITE SAFETY IS OUTSIDE THE SCOPE OF WORK OF LTADD THE UTILITIES SHOWN REPRESENT OBSERVABLE FEATURES ALONG WITH INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES, AND IS THEREFORE NOT WARRANTED. PRIOR TO CONSTRUCTION THE CONTRACTOR IS TO FIELD VERIFY ALL UTILITY LOCATIONS, SIZES, TYPE ETC. NEEDED TO COMPLETE THE WORK OF THE CONTRACT. NEITHER THE PROFESSIONAL ACTIVITIES OR THE PRESENCE OF LTADDEMPLOYEES OR SUBCONSULTANTS AT THE CONSTRUCTION SITE SHALL RELIEVE THE CONTRACTOR OR ANY OTHER ENTITY OF THEIR OBLIGATION, DUTIES, AND RESPONSIBILITIES INCLUDED, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCES, TECHNIQUES TO PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING OR COORDINATING ALL PORTIONS OF THE WORK OF CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH AND SAFETY PRECAUTIONS REQUIRED BY GOOD CONSTRUCTION PRACTICES OR ANY REGULATORY AGENCIES. ANYONE USING INFORMATION FROM THESE PLANS ACKNOWLEDGES AND WARRANTS THAT LINCOLN TRAIL AREA DEVELOPMENT DISTRICT, IS NOT RESPONSIBLE FOR SITE SAFETY IN ANY WAY.

THE UTILITIES ARE SHOWN ON THE DRAWINGS AS ACCURATELY AS THEY HAVE BEEN PROVIDED TO THE ENGINEER. THEIR LOCATIONS ARE NOT GUARANTEED. IT IS THE CONTRACTORS RESPONSIBILITY TO HAVE ALL UTILITIES FIELD LOCATED. THE CONTRACTOR IS TO CONTACT ALL UTILITY COMPANIES PRIOR TO STARTING CONSTRUCTION.

THE CONTRACTOR IS TO HAVE ALL UTILITIES FIELD LOCATED PRIOR TO BEGINNING CONSTRUCTION.

THE CONTRACTOR IS TO NOTIFY THE ENGINEER IF A PROBLEM COULD EXIST. IF THE CONTRACTOR PROCEEDS WITHOUT CONTACTING THE UTILITY COMPANIES AND DOES NOT NOTIFY THE ENGINEER OF POTENTIAL PROBLEMS, THEY DO SO AT THEIR OWN RISK.

MOT

FOLLOW KYTC STANDARD DRAWING NO. TTC-100-05 FOR A SINGLE LANE CLOSURE

CONSTRUCTION NOTES:

1. ALL CONSTRUCTION INCLUDING EXCAVATIONS SHALL BE PERFORMED IN CONFORMANCE WITH THE LATEST OSHA GUIDELINES AND STANDARDS.
2. ENGINEERED FILL IN BUILDING PADS SHALL EXTEND 5' OUTSIDE THE BUILDING AND BE COMPACTED TO A MINIMUM OF 68% OF THE STANDARD PROCTOR.
3. ENGINEERED FILL IN PAVING AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD PROCTOR.
4. ALL AREAS ADJACENT TO PAVING AND BUILDING PADS SHALL BE MAINTAINED TO DRAIN WATER AWAY AT A MINIMUM OF 1%. ALL BUILDING PADS AND PAVING AREAS SHALL BE DRAINED AND DE-WATERED AS NECESSARY TO PREVENT WATER FROM PONDING.
5. ALL STORM SEWER PIPE SHALL BE ADS N-12 DUAL WALL HIGH DENSITY POLYETHYLENE (HDPE) PLASTIC PIPE.
6. ALL UTILITIES CROSSING PAVEMENTS SHALL BE BACKFILLED AND COMPACTED TO SUBGRADE WITH DGA.
7. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBEY ALL TEMPORARY TRAFFIC CONTROL GUIDELINES PER THE LATEST MUTCD AND/OR KYTC STANDARD DRAWINGS.
8. IF THE DISTURBED SITE AREA IS OVER 1 ACRE, IT IS THE CONTRACTORS RESPONSIBILITY TO PROCURE THE KEPSC "NOI" PERMIT, PERFORM THE REQUIRED INSPECTIONS, AND FILE THE REQUIRED "NOT" ONCE COVERAGE HAS BEEN ACHIEVED.
9. THE EROSION CONTROL BMP'S NOTED ON THIS PLAN ARE MINIMUMS THAT MUST BE INSTALLED PRIOR TO LAND DISTURBANCE. IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN AND ADAPT TO CHANGING SITE CONDITIONS. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO ADD ADDITIONAL BMP'S IF THEY ARE NEEDED.
10. ANY DISTURBANCE TO CITY/STATE RIGHT OF WAY OR ADJOINER PROPERTIES SHALL BE RETURNED TO THE ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
11. ALL SLOPES GREATER THAN 3:1 SHALL BE BLANKETED WITH EROSION CONTROL BLANKETS.



Charles A. Allen

FLOODPLAIN INFORMATION: THE PARCEL DEPICTED HEREON DOES NOT LIE WITHIN A FLOOD ZONE AREA AS PER THE "FIRM" MAP NUMBER 21093C0284D. SUBJECT TO MAP SCALE UNCERTAINTY AND TO ANY OTHER UNCERTAINTY IN LOCATION OR ELEVATION ON THE REFERENCED "FIRM". EFFECTIVE DATE: AUGUST 16, 2007

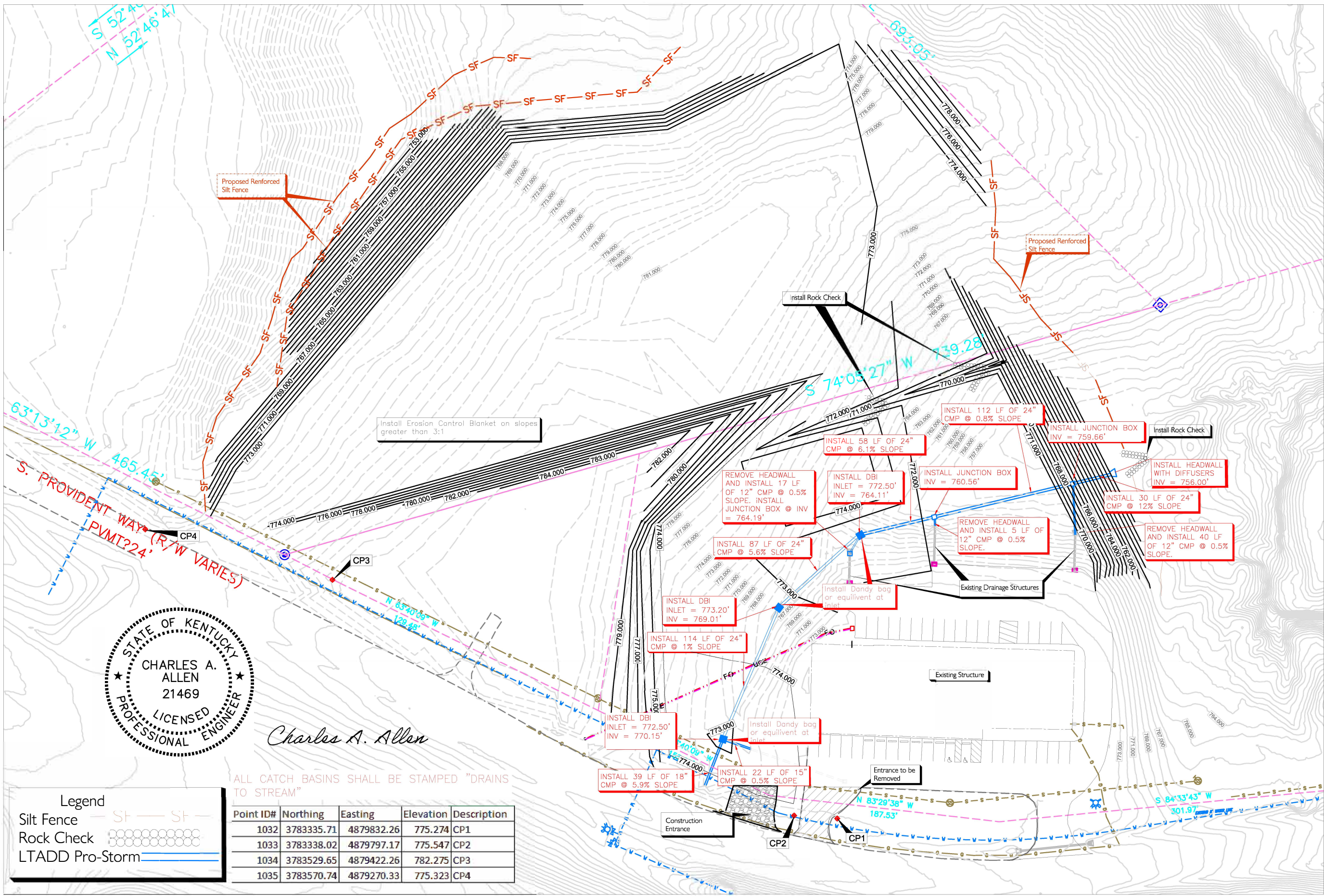
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ENGINEERING COPYRIGHT: THESE DRAWINGS, THE DESIGN, DATA AND INFORMATION SHOWN HEREON SHALL REMAIN THE PROPERTY OF THE ENGINEER AND OWNER NAMED IN THE TITLE BLOCK. USE OF THIS INFORMATION AND/OR DATA BY OTHERS IN ANY FORM IS EXPRESSLY PROHIBITED UNLESS PERMISSION IS OBTAINED, IN WRITING, FROM THE ENGINEER AND THE OWNER.

NOTE: EXISTING UTILITIES SHOWN ARE BASED ON ABOVE GROUND EVIDENCE AND INFORMATION AVAILABLE. CONTRACTOR SHALL CONTACT ALL LOCAL UTILITY PROVIDERS TO VERIFY THE EXISTENCE AND LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL USE CAUTION NOT TO DISTURB EXISTING UTILITIES AND ASSUMES ALL RESPONSIBILITY FOR DAMAGE TO EXISTING UTILITIES WHETHER SHOWN ON THESE DRAWINGS OR NOT. CONTACT ENGINEER IF CONFLICTS WITH PROPOSED WORK AND EXISTING UTILITIES ARISE.

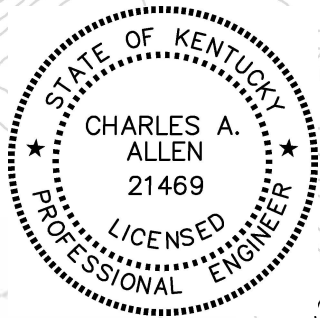
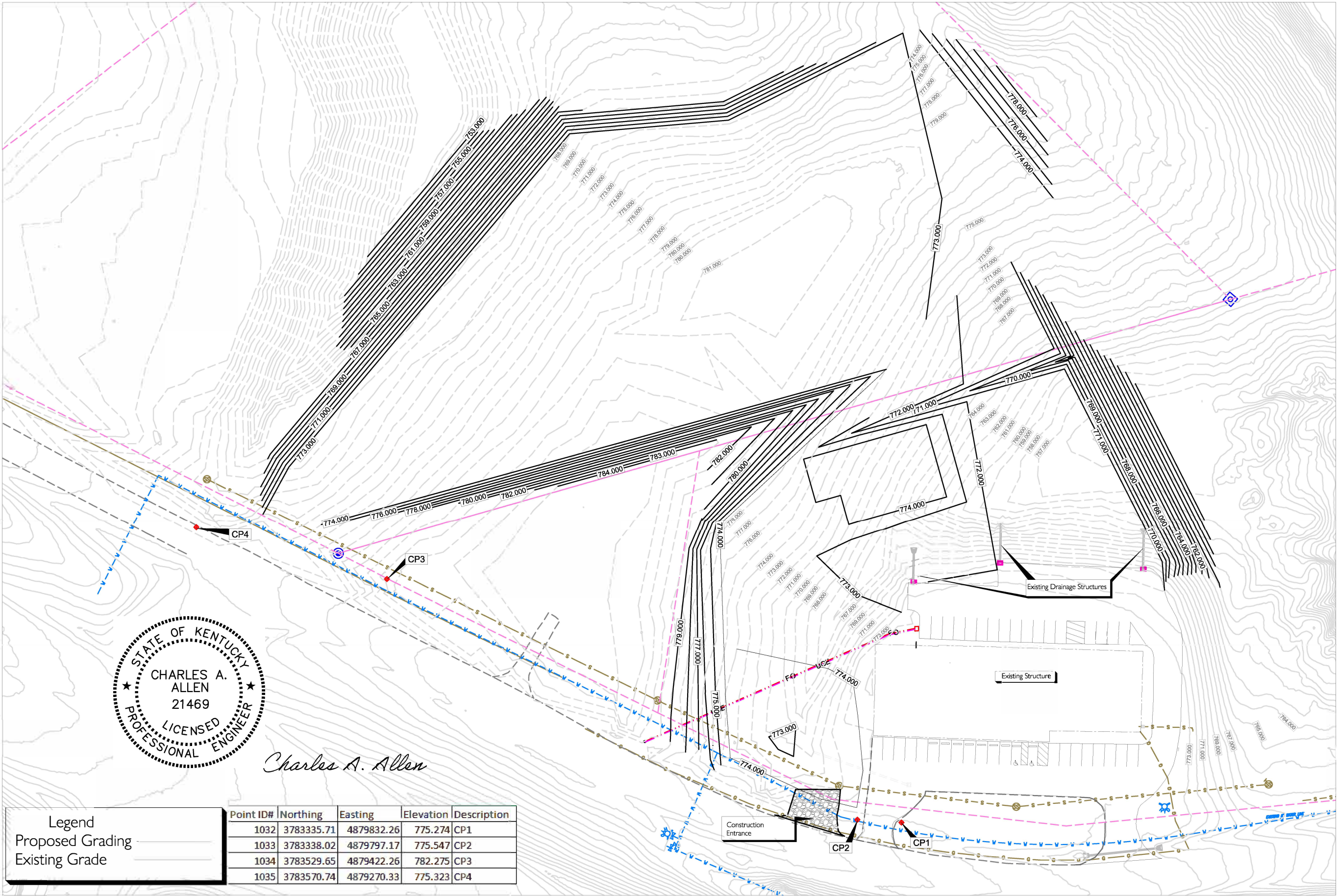
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LTADD 750 S Provident Way Elizabethtown KY, 42701				
DATE: 8/25/2025		Sheet 2 of 6		
Notes				
JOB#:	SCALE			





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		CHECKED BY			
		APPROVED BY			
LINCOLN TRAIL AREA DEVELOPMENT DISTRICT Engineering Department 250 S. Provident Way, Elizabethtown, KY 42701 Phone: (502) 766-3393		750 S Provident Way Elizabethtown KY, 42701			
Project Layout		DATE: 8/25/2025			
JOB#:		Sheet 3 of 6			
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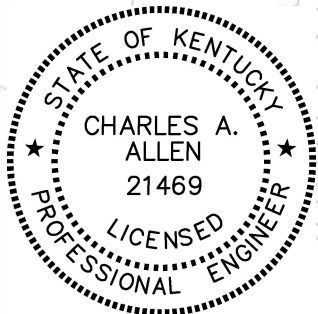
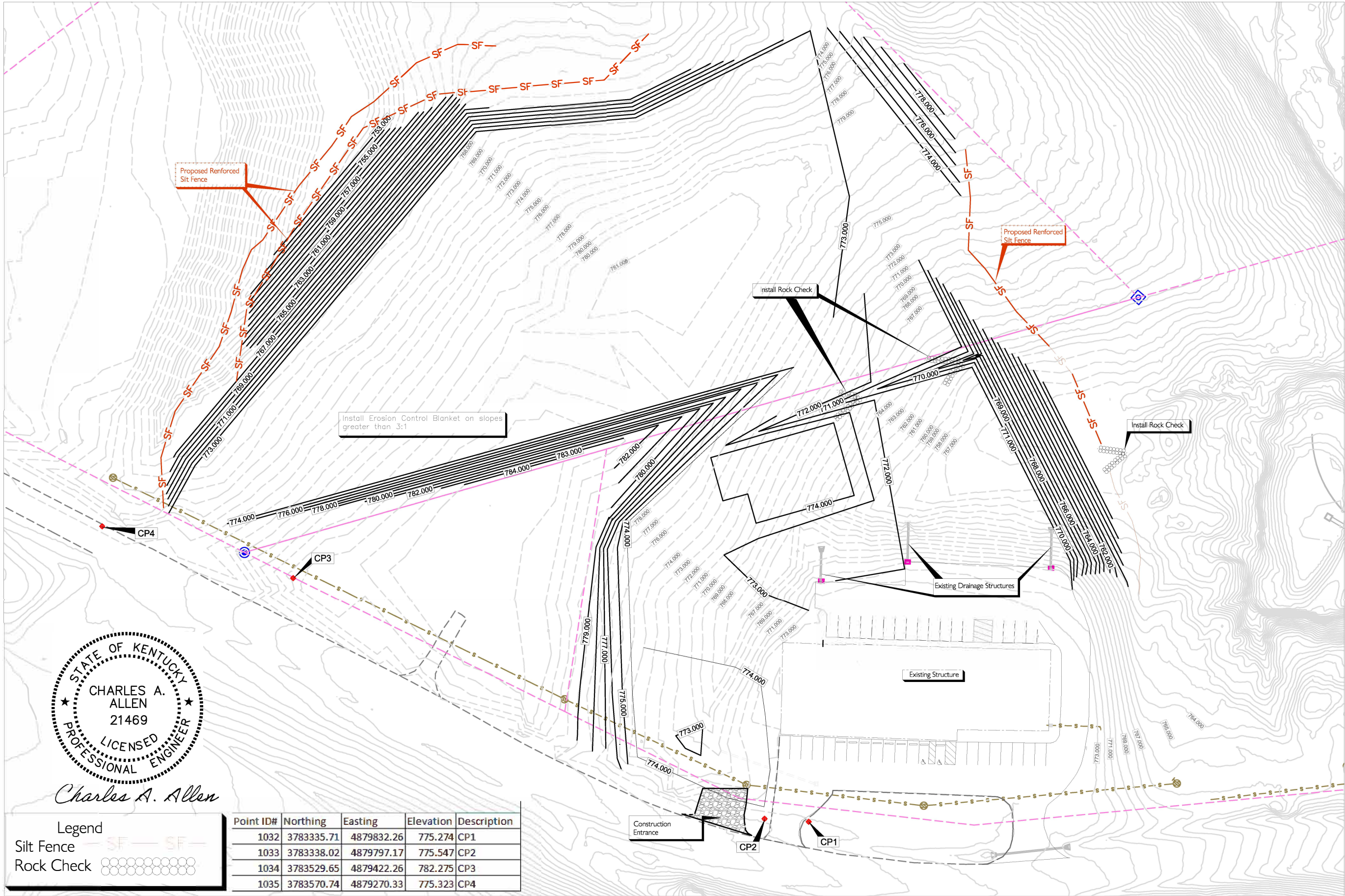


Charles A. Allen

Legend				
Proposed Grading				
Existing Grade				
Point ID#	Northing	Easting	Elevation	Description
1032	3783335.71	4879832.26	775.274	CP1
1033	3783338.02	4879797.17	775.547	CP2
1034	3783529.65	4879422.26	782.275	CP3
1035	3783570.74	4879270.33	775.323	CP4

<div><div>LINCOLN TRAIL AREA DEVELOPMENT DISTRICT Engineering Department 750 S. Provident Way - Elizabethtown, KY 42701 Phone: (270) 769-3499</div></div>		LTADD Expansion		DRAWN BY	ND	DATE	REVISION
				CHECKED BY			
				APPROVED BY			
Grading Plan		LTADD 750 S Provident Way Elizabethtown KY, 42701					
JOB#:	DATE: 8/25/2025		Sheet 4 of 6				
SCALE							





Charles A. Allen

Legend

Silt Fence — SF — SF —

Rock Check ○○○○○○○○○

Point ID#	Northing	Easting	Elevation	Description
1032	3783335.71	4879832.26	775.274	CP1
1033	3783338.02	4879797.17	775.547	CP2
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Lincoln Trail Area Development District  
Engineering Department  
750 S. Provident Way, Elizabethtown, KY 4031  
Phone: (202) 946-3493

DATE: 8/25/2025

Sheet 5 of 6

Job#:

SCALE

LTADD Expansion

750 S. Provident Way Elizabethtown Ky, 42701

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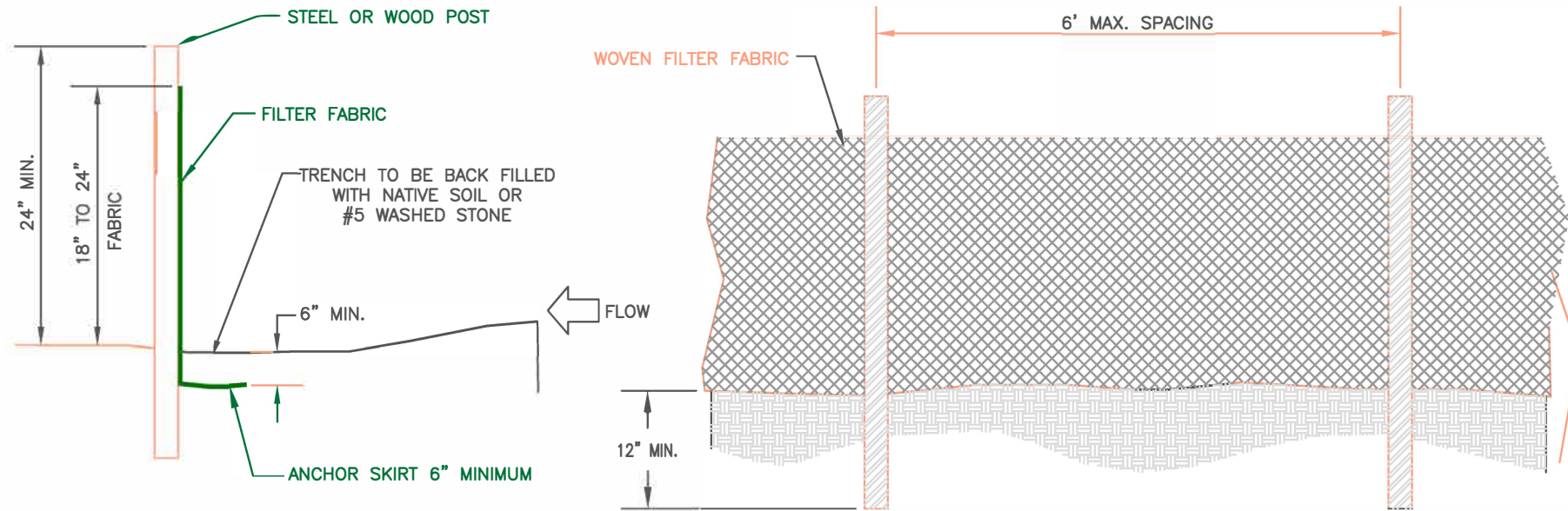
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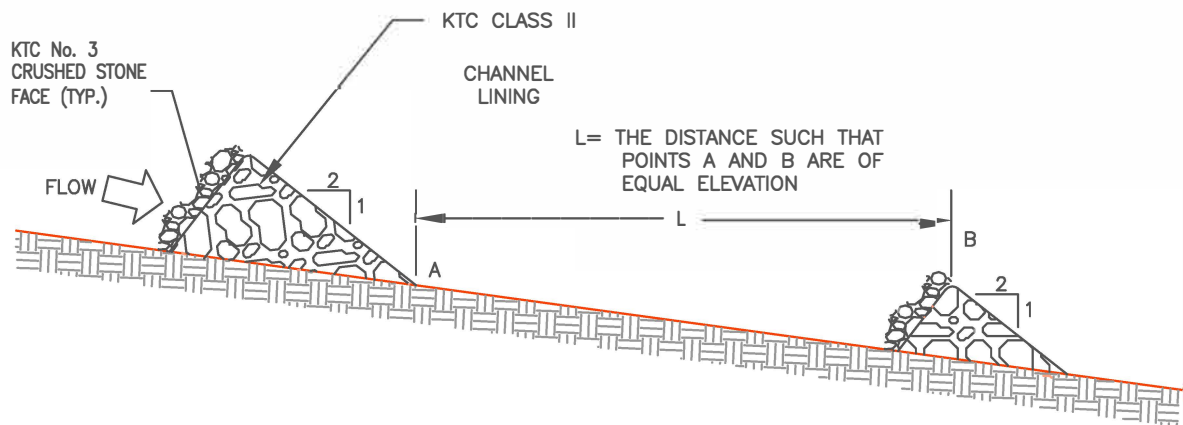
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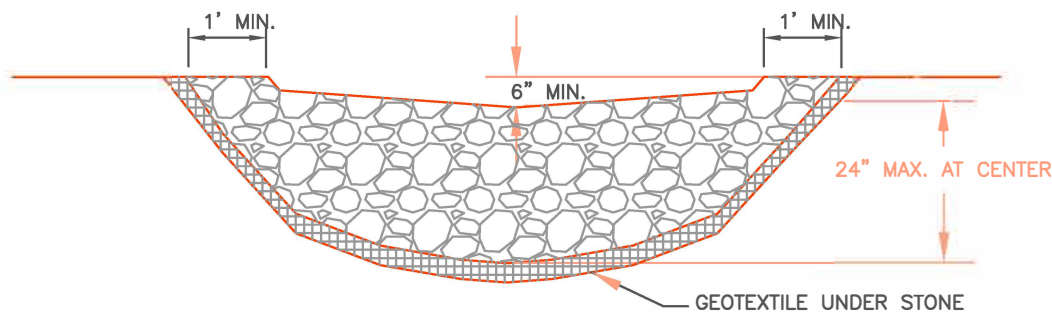


#### SILT FENCE NOTES:

1. THE FENCE SHOULD BE PLACED ACROSS THE SLOPE ALONG A LINE OF UNIFORM ELEVATION (PERPENDICULAR TO THE DIRECTION OF FLOW). THE FENCE SHOULD BE LOCATED A LEAST 10- FEET FROM THE TOE OF STEEP SLOPES TO PROVIDE SEDIMENT STORAGE AND ACCESS FOR MAINTENANCE AND CLEANOUT. THE ENDS SHOULD BE TURNED UP SLOPE TO CREATE TIE-BACKS FOR PONDING WATER.
2. A FLAT-BOTTOM TRENCH APPROXIMATELY 6-INCHES WIDE AND 6-INCHES DEEP, OR A V-SHAPED TRENCH 8-INCHES DEEP SHOULD BE EXCAVATED. ON THE DOWNSLOPE SIDE OF THE TRENCH, DRIVE THE 2-INCH X 2-INCH WOOD POSTS AT LEAST 12-INCHES INTO THE GROUND, SPACING THEM NO FURTHER THAN 6- FEET APART. STEEL POSTS SHALL BE 1.33 LBS PER LINEAR FOOT.
3. POSTS SHOULD BE INSTALLED, WITH 1- TO 2-INCHES OF THE POST PROTRUDING ABOVE THE TOP OF THE FABRIC AND NO MORE THAN 3- FEET OF THE POST SHOULD PROTRUDE ABOVE THE GROUND. THE MINIMUM FENCE HEIGHT (HEIGHT OF FILTER FABRIC ABOVE GRADE) SHALL BE 18-INCHES. THE MAXIMUM FENCE HEIGHT (HEIGHT OF FILTER FABRIC ABOVE GRADE) SHALL BE 24-INCHES.
4. THE FILTER FABRIC SHOULD BE PURCHASED IN A CONTINUOUS ROLL AND CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHOULD BE WRAPPED TOGETHER ONLY AT A SUPPORT POST WITH BOTH ENDS SECURELY FASTENED TO THE POST, WITH A MINIMUM 6-INCH OVERLAP.
5. EXTRA-STRENGTH FILTER CLOTH (50 POUNDS/LINEAR INCH MINIMUM TENSILE STRENGTH) SHOULD BE USED. A 2-INCH WIDE LATHE SHALL BE STAPLED OVER THE FILTER FABRIC TO SECURELY FASTEN IT TO THE UPSLOPE SIDE OF THE POSTS. THE STAPLES USED SHOULD BE 1.5-INCH HEAVY-DUTY WIRE STAPLES SPACED A MAXIMUM OF 8-INCHES APART.
6. PLACE THE BOTTOM 12-INCHES OF THE FILTER FABRIC INTO THE 6-INCH DEEP TRENCH, EXTENDING THE REMAINING 6-INCHES TOWARDS THE UPSLOPE SIDE OF THE TRENCH AND BACKFILL THE TRENCH WITH SOIL OR GRAVEL AND COMPACT.
7. REINFORCED SILT FENCE SHALL USE STEEL POSTS AND 6-INCH BY 6-INCH 14 GAUGE WIRE MESH. THE WIRE MESH SHALL BE FASTENED TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1-INCH LONG, TIE WIRES, OR HOG RINGS. EXTEND THE MESH 6-INCHES INTO THE TRENCH. THE FILTER FABRIC SHALL BE FASTENED TO THE FENCE ON THE UPSLOPE SIDE OF THE WIRE MESH.
8. SILT FENCE MOVED TO PROVIDE CONSTRUCTION ACCESS SHALL BE REINSTALLED BY THE END OF THE WORKDAY.
9. SILT FENCE SHOULD BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER TEMPORARY BMP'S ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHOULD BE REMOVED OR STABILIZED ON SITE. DISTURBED AREAS RESULTING FROM FENCE REMOVAL SHALL BE PERMANENTLY STABILIZED PER FINAL RESTORATION REQUIREMENTS.



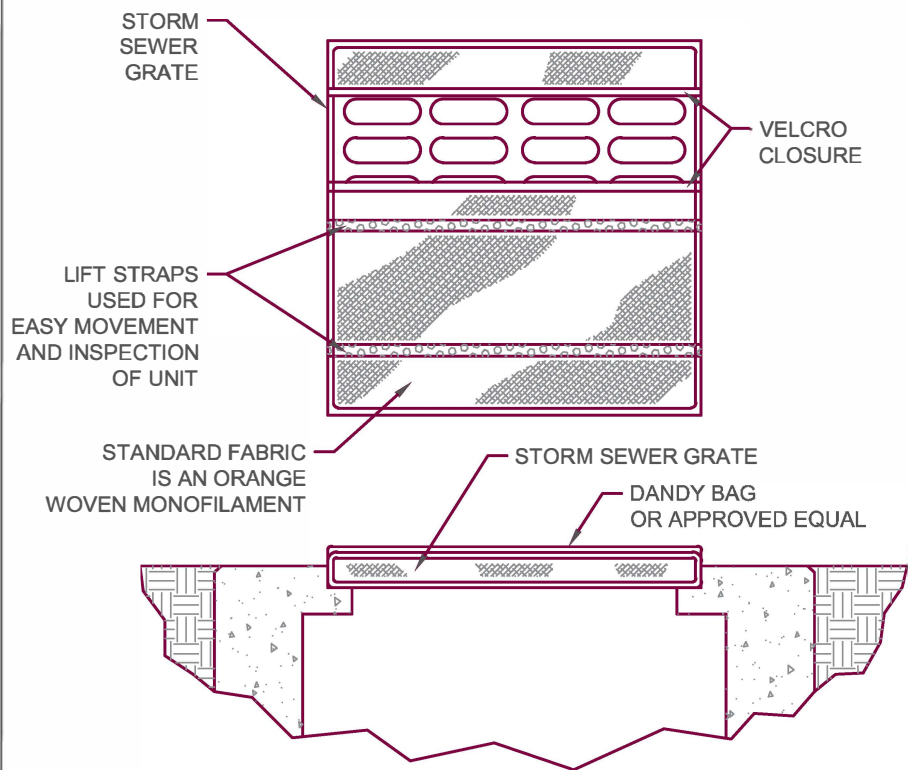
LONGITUDINAL SECTION SHOWING SPACING BETWEEN CHECK DAMS



SECTION ACROSS CHANNEL

#### ROCK DITCH CHECK NOTES:

1. A GEOTEXTILE FABRIC SHALL BE INSTALLED OVER THE SOIL SURFACE WHERE THE ROCK DITCH CHECK IS TO BE PLACED.
2. THE BODY OF THE ROCK DITCH CHECK IS TO BE COMPOSED OF KTC CLASS II CHANNEL LINING. THE UPSTREAM FACE OF THE ROCK DITCH CHECK SHALL BE COMPOSED OF KTC NO. 3 CRUSHED STONE.
3. STONE SHOULD BE PLACED OVER THE CHANNEL BANKS TO PREVENT WATER FROM CUTTING AROUND THE DITCH CHECK.
4. FINAL PLACING OF THE ROCK MUST BE BY HAND OR MECHANICAL PLACEMENT TO ACHIEVE COMPLETE COVERAGE OF THE DITCH OR SWALE AND TO ENSURE THAT THE CENTER OF THE CHECK IS LOWER THAN THE EDGES.
5. ROCK CHECKS SHOULD BE LOCATED AT APPROXIMATE LOCATIONS AS SHOWN ON THE PLANS. IF MULTIPLE CHECKS ARE PLACED IN SERIES WITHIN A DITCH OR SWALE, THE CREST OF THE DOWNSTREAM CHECK SHOULD BE AT THE SAME ELEVATION AS THE TOE OF THE CHECK LOCATED IMMEDIATELY UPSTREAM.
6. REMOVE CHECKS AS SOON AS THEY ARE NO LONGER REQUIRED AND RESTORE AND PERMANENTLY STABILIZE THE DISTURBED AREA. ALL STONE SHOULD BE REMOVED IF VEGETATION WILL BE USED FOR PERMANENT EROSION CONTROL MEASURES. THE DISTURBED AREA BENEATH THE DITCH CHECKS SHOULD BE SEEDED AND MULCHED IMMEDIATELY AFTER CHECK DAM REMOVAL.



INSTALLATION: THE EMPTY DANDY BAG SHOULD BE PLACED OVER THE GRATE AS THE GRATE STANDS ON END. IF USING OPTIONAL OIL ABSORBENTS: PLACE ABSORBENT PILLOW IN POUCH, ON THE BOTTOM (BELOW-GRADE SIDE) OF THE UNIT. ATTACH ABSORBENT PILLOW TO TETHER LOOP. TUCK THE ENCLOSURE FLAP INSIDE TO COMPLETELY ENCLOSE THE GRATE. HOLDING THE LIFTING DEVICES (DO NOT RELY ON LIFTING DEVICES TO SUPPORT THE ENTIRE WEIGHT OF THE GRATE). PLACE THE GRATE INTO ITS FRAME.

MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT AREA OF THE DANDY BAG AS NEEDED. IF USING OPTIONAL OIL ABSORBENTS; REMOVE AND REPLACE ABSORBENT PILLOW WHEN NEAR SATURATION.

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