GENERAL NOTES

- 1. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING OF ALL CONSTRUCTION OR EARTHMOVING OPERATIONS. ANY INCONSISTENCIES WITH THE PLANS OR POTENTIAL CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHALL BE REPORTED TO CT CONSULTANTS PRIOR TO BEGINNING ANY CONSTRUCTION.
- 2. ROOF DRAINS, FOUNDATION DRAINS, SUMP PUMPS, AND OTHER CLEAN WATER SOURCES SHALL NOT BE CONNECTED TO THE SANITARY SEWER SYSTEM. SUCH CONDITIONS ARE STRICTLY PROHIBITED.
- 3. STORM SEWER PIPE MATERIAL SHALL BE ADS HDPE PIPE UNLESS OTHERWISE NOTED
- 4. ADJUST ALL EXISTING CASTINGS AND CLEANOUTS WITHIN PROJECT AREA TO FINISHED GRADE.
- 5. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED. 6. FILL AREAS UNDER PAVEMENT SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR
- DENSITY, OR AS RECOMMENDED IN THE GEOTECHNICAL REPORT. 7. ALL DISTURBED AREAS SHALL BE SEEDED AS SOON AS POSSIBLE.
- 8. ALL WORK TO BE DONE IN ACCORDANCE WITH THE STATE OF KENTUCKY DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATION AND BOONE COUNTY SPECIFICATIONS
- 9. ALL WORK ON THE PLANS SHALL BE DONE IN ACCORDANCE WITH BOONE COUNTY STANDARDS, REGULATIONS, AND SPECIFICATIONS.

11. ALL GRADED AREAS THAT HAVE BEEN EXPOSED OR LEFT BARE AS A RESULT OF CONSTRUCTION AND ARE TO FINAL GRADE AND ARE TO REMAIN SO, SHALL BE SEEDED AND MULCHED AS SOON AS POSSIBLE.

- 12 ALL EROSION CONTROL MEASURES MUST BE IN PLACE PRIOR TO ANY STRIPPING OF VEGETATION OR EXCAVATION.
- 13. CONCRETE WALKS SHALL PROVIDE CONTROL JOINTS SPACED AT NO MORE THAN 5' ON CENTER, UNLESS NOTED OTHERWISE PROVIDE 4000 PSI CONCRETE, AIR ENTRAINED, 4" THICK OVER 4" AGGREGATE BASE. 14. ITEMS THAT PERTAIN TO WATER AND SANITARY SEWER AND STORM SEWER SERVICE CONSTRUCTION WILL REMAIN UNDER SPECIFICATIONS OF BOONE COUNTY AND THE KENTUCKY PLUMBING CODE. ITEMS THAT PERTAIN TO WATER SERVICE CONSTRUCTION WILL REMAIN UNDER THE SPECIFICATIONS
- CODE. 15. MINIMUM 10' HORIZONTAL AND 18" VERTICAL CLEARANCE SHALL BE

OF NORTHERN KENTUCKY WATER DISTRICT AND THE KENTUCKY PLUMBING

- MAINTAINED BETWEEN THE WATER SERVICE AND SANITARY SEWER 16. 48 HOURS PRIOR TO DIGGING CONTACT THE KENTUCKY UTILITY PROTECTION
- SERVICE AT 1-800-752-6007.
- 17. SANITATION DISTRICT NO. 1 SHALL BE CONTACTED 72 HOURS PRIOR TO THE INSTALLATION OF THE PUBLIC STORM SEWERS.



PROJECT SPECIFICATIONS

THE LATEST STANDARD SPECIFICATIONS OF THE KENTUCKY DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS THERETO, AND THE BOONE COUNTY ENGINEERING DEPARTMENT SHALL GOVERN THIS PROJECT.

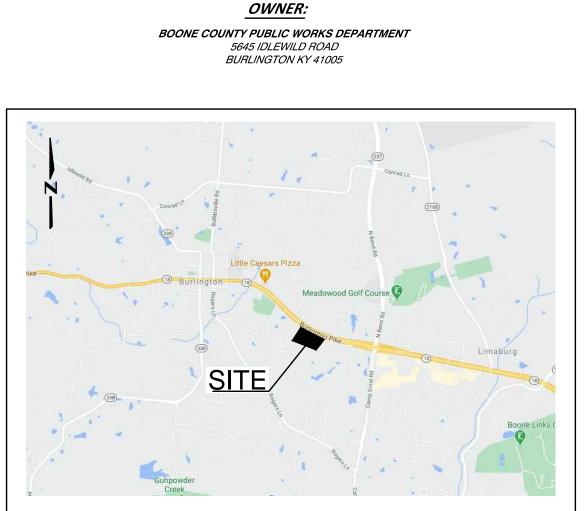
K.Y.T.C. STANDARD DRAWINGS THE LATEST EDITION OF THE K.Y.T.C. STANDARD DRAWINGS AND THE BOONE COUNTY PUBLIC WORKS STANDARD DRAWINGS ARE HEREBY MADE

PART OF THE PLANS.

FIRST FINANCIAL DRIVE **EXTENSION** BURLINGTON, BOONE COUNTY,

KENTUCKY





VICINITY MAP

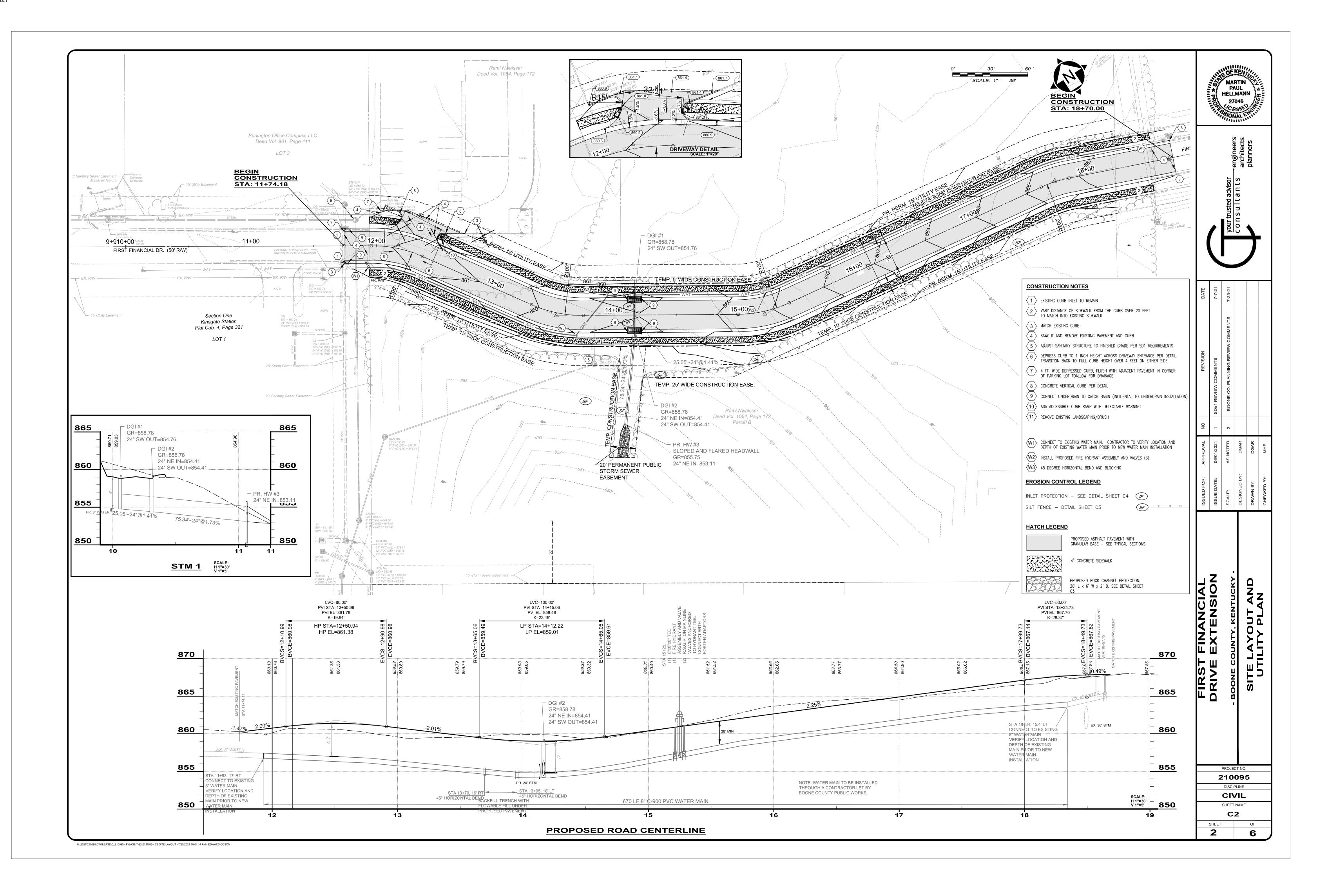
SYMBOL LEGEN	
GAS GAS GAS	EXISTING GAS LINE
ELEC-UG ELEC-UG ELEC-UG	EXISTING UNDERGROUND ELECTRIC / TELEPHONE
CATV-UG CATV-UG CATV-UG	EXISTING UNDERGROUND CABLE TV
ELEC-OH ELEC-OH	
WAT WAT WAT WAT	
SIM SIM SIM	
	- EXISTING EASEMENT LINE
650650	- EXISTING CONTOURS - MAJOR
648	EXISTING CONTOURS - MINOR
EX. R/W	- EXISTING RIGHT-OF-WAY
	EXISTING PROPERTY LINE
WAT WAT	_ PROPOSED WATER LINE
WS WS WS WS WS WS	_ PROPOSED WATER SERVICE
	_ PROPOSED SANITARY SEWER MAIN
SS SS SS	_ PROPOSED SANITARY SEWER SERVICE
	PROPOSED SANITARY SEWER
FM FM	- SERVICE FORCE MAIN
ELEC-UG ELEC-UG	- PROPOSED UNDERGROUND ELECTRIC, TELEPHONE AND COMMUNICATION LINE
GAS GAS	- PROPOSED GAS LINE
GAS GAS GAS 142 L.F. 15" STM @ 0.92 %	
	= PROPOSED STORM SEWER
——————————————————————————————————————	- PROPOSED STORM ROOF DRAIN
	PROPOSED 6" CONCRETE DEEP SET CURB - SEE DETAIL SHEET C5.01
xxxxxx	- PROPOSED FENCE - GENERAL
	- PROPOSED RIGHT-OF-WAY
	- PROPOSED EASEMENTS
	PROPOSED CLEARING LIMITS
C EXISTING LIGHT POLE	CO PROPOSED STORM CLEANOUT
EXISTING OVERHEAD UTILITY POLE	SCO ^O PROPOSED SANITARY CLEANOUT
- EXISTING CURB INLET	PROPOSED STORM STRUCTURE
EXISTING CATCH BASIN	
(C) EXISTING STORM MANHOLE	PROPOSED SANITARY MANHOLE
	_
S EXISTING SANITARY MANHOLE	TR PROP. ELECTRIC TRANSFORMER
T EXISTING TELEPHONE MANHOLE	PROP. SYMBOL - HANDICAP
ATB EXISTING TELEPHONE BOX	PROP. CATCH BASIN - 3X3
CB EXISTING CATV BOX	
T EXISTING ELECTRIC TRANSFORMER	
\otimes_{WV} EXISTING WATER VALVE	
C EXISTING FIRE HYDRANT	
EXISTING GAS VALVE	
EXISTING SIGN	
EXISTING TREE LINE	
<u>HATC</u>	CH LEGEND
PROPOSED ASPHALT PAVEMENT	
CONCRETE SIDEWALK	

				consultants engineers architects	planners		
	DATE	7-7-21	7-23-21				
	REVISION	SD#1 REVIEW COMMENTS	BOONE CO. PLANNING REVIEW COMMENTS				
	ON	4	5				
	APPROVAL	06/01/2021	AS NOTED	DGAR	DGAR	MHEL	
	ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:	
	FIRST FINANCIAL DRIVE EXTENSION		- BOONE COUNTY, KENTUCKY -		SITE LAYOUT PLAN		
	FIRST FINA	DRIVE EXTI	BOONE COUNTY I		SITE LAYO		
	FIRST FINA		PROJE	CT NO.			
12	FIRST FINA			CT NO. 09			
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PAUL HELLMANN

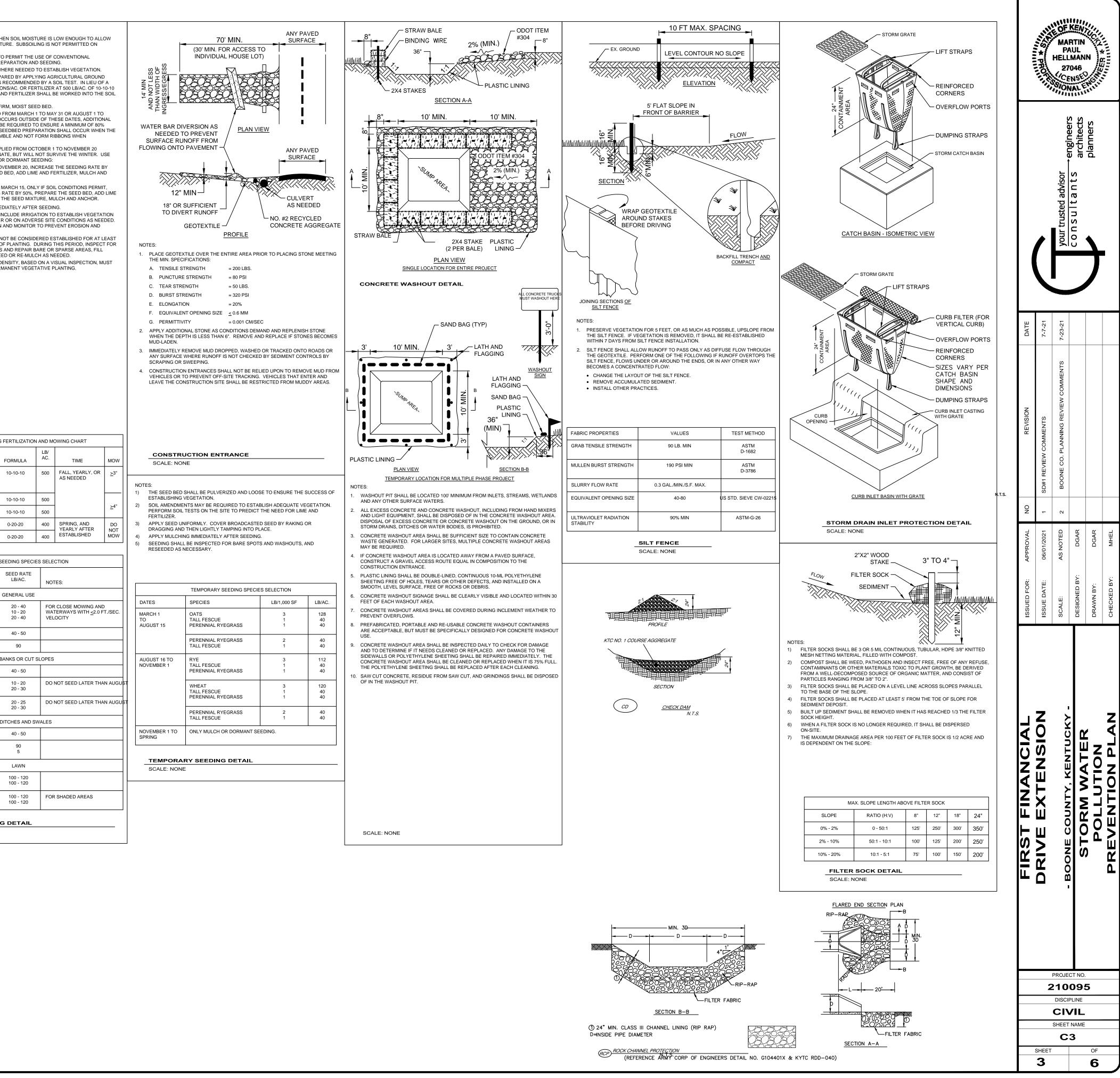
INDEX TO SHEETS

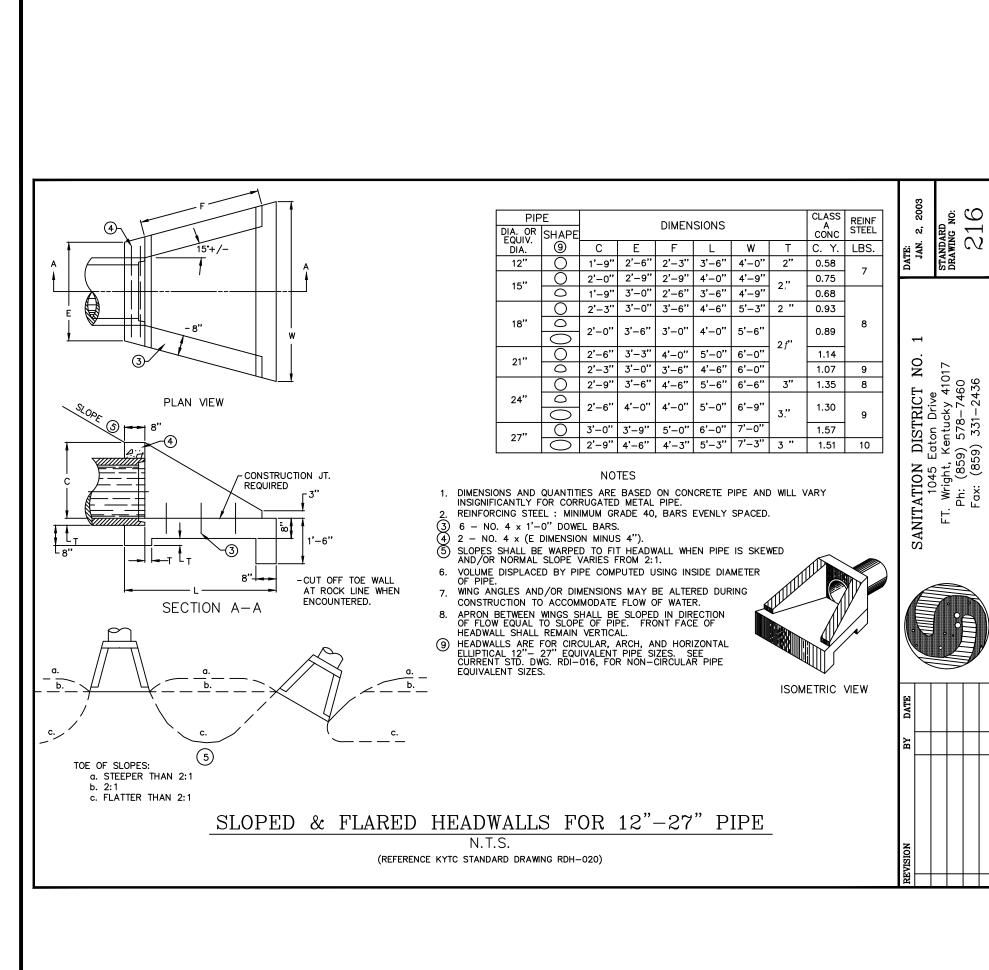
TITLE SHEET		1
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	PREVENTION PLAN	
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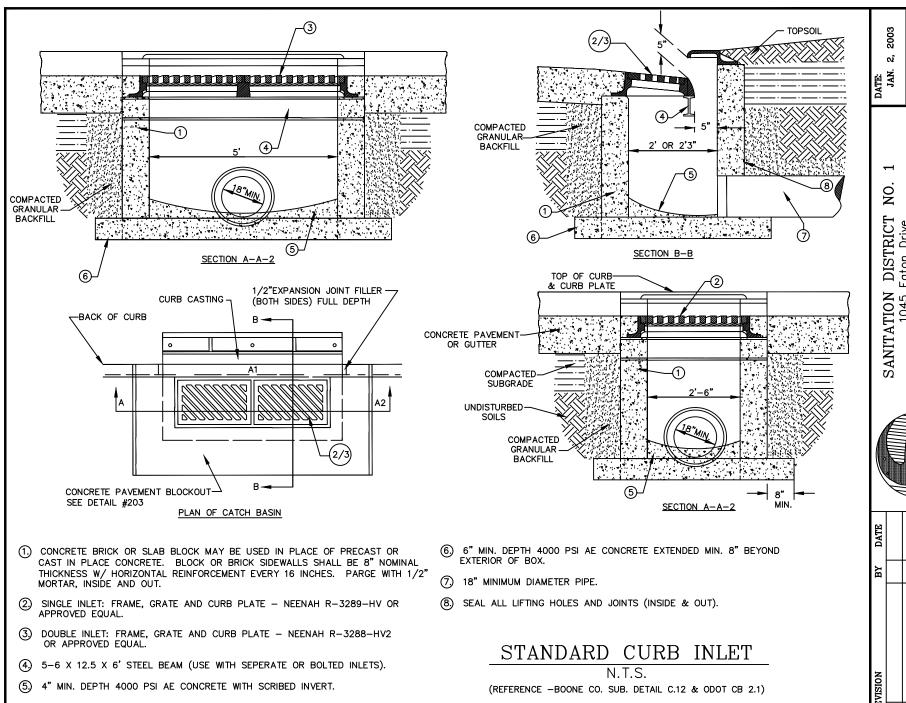


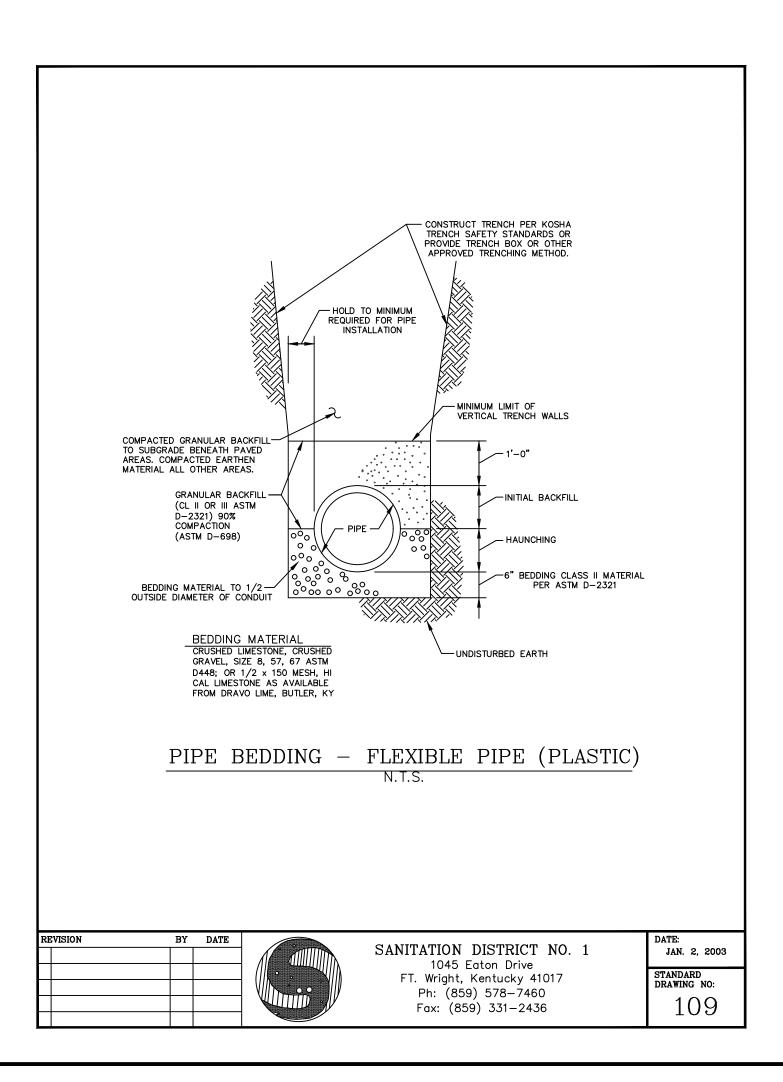
SEDIMENT BASINS	1) SUBSOILING SHALL OCCUR THE SOIL TO CRACK OR FR/
DEFINITION A TEMPORARY BARRIER OR DAM CONSTRUCTED ACROSS A WATERCOURSE OR AT OTHER SUITABLE LOCATION TO	SLIP-PRONE AREAS. 2) THE SITE SHALL BE GRADEI EQUIPMENT FOR SEEDBED
RETAIN SEDIMENT AND OTHER WATERBORNE DEBRIS. SCOPE	3) TOPSOIL SHALL BE APPLIED 4) THE SEEDBED SHALL BE PR LIMESTONE OR FERTILIZER
THIS STANDARD ESTABLISHES MINIMUM ACCEPTABLE QUALITY FOR THE DESIGN AND CONSTRUCTION OF TEMPORARY SEDIMENT BASINS FORMED BY AN EMBANKMENT, EXCAVATION OR A COMBINATION OF EMBANKMENT AND EXCAVATION. THE STANDARD IS LIMITED TO SITES WHERE:	SOIL TEST, APPLY LIME AT 2 OR 12-12-12 ANALYSIS. LIMI TO A DEPTH OF 3".
 FAILURE OF THE STRUCTURE WOULD NOT RESULT IN LOSS OF LIFE; DAMAGE TO HOMES; COMMERCIAL OR INDUSTRIAL BUILDINGS; DAMAGE TO HIGHWAYS OR RAILROADS OR INTERRUPTION OF USE OR SERVICE OF PRIVATE UTILITIES. 	5) APPLY SEED UNIFORMLY O 6) SEEDING SHOULD BE APPLI SEPTEMBER 30. IF SEEDING
 THE HEIGHT OF DAM IS 25 FEET OR LESS, AS MEASURED FROM THE NATURAL STREAMBED AT THE CENTERLINE OF DAM TO THE TOP OF DAM. 	MULCH AND IRRIGATION MA GERMINATION. TILLAGE FO SOIL IS DRY ENOUGH TO CF
3. THE TOTAL VOLUME OF STORAGE IS 150 ACRE-FEET OR LESS.	COMPRESSED BY HAND. 7) SEEDING SHOULD NOT BE A BECAUSE SEEDS MAY GERM
 THE DRAINAGE AREA IS 100 ACRES OR LESS. THE BASIN WILL BE REMOVED WITHIN A THREE-YEAR PERIOD AFTER CONSTRUCTION. 	THE FOLLOWING METHODS FROM OCTOBER 1 TO 50%, PREPARE THE SI
PURPOSE TEMPORARY SEDIMENT BASINS ARE USED AS A MEANS OF TRAPPING AND STORING SEDIMENT FROM ERODING AREAS IN ORDER TO PROTECT DOWNSTREAM AREAS FROM DAMAGE RESULTING FROM SEDIMENTATION AND	ANCHOR. • FROM NOVEMBER 20 INCREASE THE SEEDII
WATERBORNE DEBRIS. CONDITIONS WHERE PRACTICE APPLIES	AND FERTILIZER, APP 8) APPLY MULCH MATERIAL IM
TEMPORARY SEDIMENT BASINS APPLY WHERE PHYSICAL SITE CONDITIONS OR OTHER RESTRICTIONS PRECLUDE THE INSTALLATION OF EROSION CONTROL MEASURES TO ADEQUATELY CONTROL EROSION AND SEDIMENTATION. IT MAY BE USED DOWNSLOPE FROM CONSTRUCTION OPERATIONS WHICH EXPOSE AREAS TO EROSION. TEMPORARY SEDIMENT BASINS WILL BE REMOVED AFTER THE EXPOSED AREAS ARE ADEQUATELY PROTECTED AGAINST EROSION BY VEGETATIVE OR MECHANICAL MEANS.	9) PERMANENT SEEDING SHAI DURING DRY OR HOT WEAT AVOID EXCESSIVE IRRIGATI DAMAGE FROM RUNOFF. 10) PERMANENT SEEDING SHAI
COMPLIANCE WITH LAWS AND REGULATIONS DESIGN AND CONSTRUCTION SHALL COMPLY WITH ALL LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS.	1 FULL YEAR FROM THE TIM SOIL EROSION OR PLANT LC GULLIES, RE-FERTILIZE, RE-
LOCATION TO IMPROVE THE EFFECTIVENESS OF THE BASIN, IT SHOULD BE LOCATED SO AS TO INTERCEPT THE LARGEST POSSIBLE AMOUNT OF RUNOFF FROM THE DISTURBED AREA. THE BEST LOCATIONS ARE GENERALLY LOW AREAS AND NATURAL DRAINAGEWAYS BELOW DISTURBED AREAS. DRAINAGE INTO THE BASIN CAN BE IMPROVED BY THE USE OF DIVERSION DIKES AND DITCHES. THE BASIN MUST NOT BE LOCATED IN A LIVE STREAM BUT SHOULD BE	11) A MINIMUM OF 70% GROWT EXIST FOR AN ADEQUATE P
LOCATED TO TRAP SEDIMENT-LADEN RUNOFF BEFORE IT ENTERS THE STREAM. THE BASIN SHOULD NOT BE LOCATED WHERE ITS FAILURE WOULD RESULT IN THE LOSS OF LIFE OR IN INTERRUPTION OF THE USE OR SERVICE OF PUBLIC UTILITIES OR ROADS.	
SEDIMENT BASINS MAY BE DESIGNED AS PERMANENT STRUCTURES TO REMAIN IN PLACE AFTER CONSTRUCTION IS COMPLETED. SITE CONDITIONS MAY MAKE THE USE OF THESE STRUCTURES DESIRABLE FOR STORMWATER DETENTION PURPOSES. WHEREVER THESE STRUCTURES ARE TO BECOME PERMANENT, OR IF THEY EXCEED THE SIZE LIMITATIONS OF THE DESIGN CRITERIA, THEY MUST BE DESIGNED AS PERMANENT PONDS BY A QUALIFIED PROFESSIONAL ENGINEER. PERMANENT PONDS ARE BEYOND THE SCOPE OF THESE STANDARDS AND SPECIFICATIONS. THE PERMANENT STRUCTURES MUST BE SUBMITTED WITH CONSTRUCTION DRAWINGS FOR	
REVIEW AND ACCEPTANCE BY THE CITY ENGINEER. MAINTENANCE BASINS SHALL BE CHECKED WEEKLY AND CLEANED WHEN NO LONGER EFFECTIVE.	
STORM DRAIN INLET PROTECTION DEFINITION A SEDIMENT FILTER INSTALLED AROUND A STORM DRAIN INLET OR CURB INLET TO REDUCE SEDIMENT DISCHARGE.	
PURPOSE TO PREVENT SEDIMENT FROM ENTERING THE STORM DISCHARGE SYSTEMS PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED DRAINAGE AREA. DIFFERENT TYPES OF STRUCTURES ARE APPLICABLE TO	
DIFFERENT CONDITIONS.	
STORM WATER POLLUTION PREVENTION NOTES	PERMANENT SEED
1. SANITATION DISTRICT NO. 1 IS TO BE CONTACTED 72 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY AT 859-578-6892	MIXTURE CREEPING RED FESCUE
2. ALL EROSION AND SEDIMENTATION CONTROL SHALL BE PERFORMED AS SHOWN ON THE PLANS, AND SHALL BE IN COMPLIANCE WITH THE LATEST CONSTRUCTION ACTIVITY " NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM" RULES AND	DOMESTIC RYEGRASS KENTUCKY BLUEGRASS
REGULATIONS. 3. A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND A	TALL FESCUE
COPY OF THE "NOTICE OF INTENT" (NOI) SHALL BE KEPT ON SITE. 4. AN AMENDMENT OF THE SWPPP IS REQUIRED WHENEVER A CHANGE IN DESIGN,	CROWN VETCH FESCUE
CONSTRUCTION, AND OPERATION OR MAINTENANCE HAS A SIGNIFICANT EFFECT ON THE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS, OR IF THE SWPPP PROVES TO BE INEFFECTIVE IN ACHIEVING THE GENERAL OBJECTIVES OF THE SWPPP.	FLAT PEA FESCUE
5. THE CONTRACTOR SHALL ALSO MAINTAIN THE FOLLOWING RECORDS ON SITE: A. GENERAL CONTRACTOR AND/OR SUBCONTRACTOR SWPPP CERTIFICATIONS	PERMANEN
 B. THE DATE, TIME, AND EXACT LOCATION OF THE INSPECTION, AND THE NAME OF THE INSPECTOR C. AN ASSESSMENT OF THE CONDITION OF THE EROSION CONTROLS 	SEED MIX
D. A DESCRIPTION OF ANY EROSION CONTROL IMPLEMENTATION AND MAINTENANCE PERFORMED E. A DESCRIPTION OF THE PRESENT PHASE OF CONSTRUCTION AT THE SITE	
 6. CONSTRUCTION SEQUENCE ALL PERIMETER SILT FENCE, INLET PROTECTION AND OTHER EROSION CONTROLS SHALL BE IN PLACE BEFORE ANY OTHER EARTH MOVING 	CREEPING RED FESCUE DOMESTIC RYEGRASS KENTUCKY BLUEGRASS
 ACTIVITIES BEGIN. THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THE AREAS PLANNED FOR EARTH MOVING. 	TALL FESCUE
 REMOVE TOPSOIL, STOCKPILE IT, AND INSTALL SILT FENCE AROUND PERIMETER. SEED SOIL STOCKPILE WITH PERENNIAL RYE GRASS AND MULCH WITH STRAW 	TURF-TYPE FESCUE
 IF NO TO BE DISTURBED FOR MORE THAN 21 DAYS. CONSTRUCT DETENTION BASIN AND CONTROL STRUCTURE. DETENTION BASIN SHALL BE USED AS A SEDIMENT BASIN UNTIL THE SITE IS STABILIZED. 	TALL FESCUE
 INSTALL STORM SEWER SYSTEM AND SURFACE STORM INLET AND MANHOLE PROTECTION. ESTABLISH A TEMPORARY SEEDING ON ALL BARE AREAS THAT ARE TO REMAIN 	CROWN VETCH
 UNDISTURBED FOR MORE THAN 21 DAYS. SEED WITH PERENNIAL RYE GRASS MULCH WITH STRAW. IMMEDIATE AFTER TOPSOIL HAS BEEN PLACED, STABILIZE THE SAME SURFACE 	FLAT PEA
 AREA WITH FINAL SEED AND MULCH 7 DAYS AFTER REACHING FINAL GRADE. AFTER THE VEGETATION HAS BECOME WELL ESTABLISHED, REMOVE TEMPORARY EROSION OR SEDIMENT CONTROL PRACTICES. 	TALL FESCUE
7. EROSION CONTROLS MUST BE INSPECTED ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF 0.5" OR GREATER RAINFALL. REMOVE ACCUMULATED SEDIMENT FROM EROSION CONTROLS.	TALL FESCUE
8. TEMPORARY SEEDING SHALL BE PERENNIAL RYE GRASS (40 LB / ACRED) AND MULCH AT 3 BALES OF STRAW PER 1000 S.F.	TURF-TYPE FESCUE KENTUCKY BLUEGRASS
 CONTRACTOR IS RESPONSIBLE FOR OBTAINING BORROW MATERIAL ONSITE AND / OR DISPOSING OF EXCESS MATERIAL OFF SITE AS REQUIRED TO MEET INDICATED DESIGN ELEVATIONS. 	KENTUCKY BLUEGRASS
10. DEBRIS SHALL BE COLLECTED WITHIN PROPERTY LIMITS WEEKLY OR AS NEEDED FOR PUBLIC SAFETY. SURROUNDING STREETS AFFECTED BY THE CONSTRUCTION SHALL BE CLEANED DAILY OR AS NEEDED FOR PUBLIC SAFETY. SEE CONSTRUCTION ENTRANCE DETAIL IN SWPPP DETAILS SHEET.	PERENNIAL RYEGRASS KENTUCKY BLUEGRASS CREEPING RED FESCUE
11. THE CONSTRUCTION OF BMPs SHALL BE REVISED OR ADDED IF DEEMED NECESSARY PER SECTION 1000 OF THE SANITATION DISTRICT 1 REGULATIONS.	PERMANENT SEEDI
12. CONTACT SANITATION DISTRICT NO. 1 72 HOURS PRIOR TO INSTALLATION OF THE WATER QUALITY FEATURE.	SCALE: NONE

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FT. Wight, Kentucky 41017 Ph: (859) 578–7460 Fox: (859) 331–2436	DATE	7-7-21	7-23-21	cons)	
	NO	1 SD#1 REVIEW COMMENTS	2 BOONE CO. PLANNING REVIEW COMMENTS			
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	FIRST FINANCIAL	DRIVE EXTENSION	- BOONE COUNTY, KENTUCKY -		STORM DETAILS	
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