HIGHLAND HILLS PARK IMPROVEMENTS CITY OF FORT THOMAS

CITY OF FORT THOMAS OFFICIALS

MAYOR Eric Haas

CITY CLERK

Mellissa Beckett

CITY COUNCIL MEMBERS

Jeff Bezold Adam Blau Andy Ellison Lauren McIntosh Ben Pendery Eric Strange

CITY ADMINISTRATOR

Matthew Kremer





MORK J LACHNIET, PE

PE #36287

210789



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Know what's **below.** 811 before you dig.

GENERAL NOTES	UTILITY NOTES	
UNLESS SPECIFICALLY SET FORTH HEREIN, ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS, THE LATEST EDITION OF THE STATE OF KENTUCKY DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS, AND THE CITY OF FORT THOMAS.	THIS PLAN SHOWS THE APPROXIMATE LOCATION OF UNDERGROUND UTILITIES (GAS, WATER, STORM SEWER, SANITARY SEWER, TELEPHONE, ELECTRIC, ETC.). THE PREPARER DOES NOT GUARANTEE THEIR ACCURACY OR CORRECTNESS. THE UTILITY INFORMATION PROVIDED ON THE PLANS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION. THE CONTRACTOR	<u>!</u>
ALL DISTURBED AREAS ARE TO BE RESTORED (SEEDED, MULCHED, AND FERTILIZED) BY THE CONTRACTOR AND SHALL PROCEED WITH JOB PROGRESSION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVING ANY EXCESS MATERIALS AT THE SITE AND MAINTAINING ALL SEEDED AND MULCHED AREAS UNTIL PROJECT COMPLETION AND FINAL INSPECTION BY THE ENGINEER. A	SHALL BE RESPONSIBLE FOR MAINTAINING THE UTILITY AS WELL AS THE SERVICE LATERALS AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PRACTICE CARE DURING THE GRADING AND TRENCH EXCAVATION AND SHALL BE RESPONSIBLE FOR REPLACING ANY SERVICES THAT ARE DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.	/ (-
ALL OSHA, STATE AND LOCAL SAFETY REGULATIONS SHALL BE FOLLOWED DURING CONSTRUCTION.	PRIOR TO ANY EXCAVATION OVER AN EXISTING UTILITY LINE OR SERVICE, CONTRACTOR SHALL HAND EXCAVATE TO EXPOSE THE UTILITY AND DETERMINE LOCATION AND DEPTH. NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS.	A S E
NO CONSTRUCTION SHALL COMMENCE UNTIL ALL COUNTY, STATE AND CITY OF FORT THOMAS PERMITS HAVE BEEN ISSUED, AS REQUIRED. THE CONTRACTOR SHALL PAY ALL CHARGES AND FEES ASSOCIATED WITH THE PERMITS.	TOPS OF EXISTING AND PROPOSED CASTING ELEVATIONS ARE SUBJECT TO FINAL ADJUSTMENTS AS APPROVED BY THE ENGINEER AND REQUIREMENTS OF UTILITY OWNER. THIS WORK WILL BE INCIDENTAL TO THE CONTRACT.	/ F F
ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 8PM AND 7AM. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND FEELCIENT PERFORMANCE OF SUCH	FORTY-EIGHT (48) HOURS BEFORE EXCAVATION IS TO COMMENCE, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES: THE KENTUCKY PUBLIC SERVICE COMMISSION AND ALL OTHER UTILITIES THAT MAY HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NON-MEMBERS OF KENTUCKY PUBLIC SERVICE COMMISSION. DURING CONSTRUCTION, THE CONTRACTOR SHALL REPORT IMMEDIATELY	() () []
ALL DIMENSIONS ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED	TO THE OWNERS OF THE UNDERGROUND FACILITIES ANY BREAK OR LEAK IN THE FACILITIES, OR ANY DENT, GOUGE, GROOVE OR OTHER DAMAGE. THE CONTRACTOR SHALL NOTIFY NEARBY OCCUPANTS OF ANY EMERGENCY SITUATION THAT MAY ARISE.	E / (
ALL RADII SHALL BE 4.5' UNLESS OTHERWISE NOTED.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL UTILITY	
PARKING LOT STRIPING SHALL BE 4" WIDE WHITE HIGHWAY TYPE AND APPLIED IN	ACTIVITIES AND SCHEDULES.	ך נ
ALL PARKING SPACES SHALL BE 9'X18'	STORM WATER POLLUTION PREVENTION NOTES	1
ACCESSIBLE ROUTES OR AREAS IDENTIFIED ON THE PLAN SHALL MEET ADA REQUIREMENTS (LESS THAN 2% CROSS SLOPE) CONTRACTOR IS RESPONSIBLE FOR MEETING THESE CRITERIA.	1. SANITATION DISTRICT NO. 1 IS TO BE CONTACTED 72 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY AT 859-578-6892	 (/
MATERIALS AND SPECIFICATIONS	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	
UNLESS OTHERWISE SPECIFIED, ALL MATERIALS SHALL BE NEW OF PREMIUM QUALITY, PROPER AND SUFFICIENT FOR THE PURPOSE INDICATED. THE CONTRACTOR SHALL FURNISH, UPON REQUEST, SATISFACTORY EVIDENCE AS TO TYPE AND QUALITY OF MATERIALS. WORKMANSHIP RELATED TO INSTALLATION	SYSTEM" RULES AND REGULATIONS. 3. EROSION CONTROL INDICATED ON THE PLANS SHALL BE CONSIDERED A MINIMUM AND WILL BE ADJUSTED AS NEEDED AS CONSTRUCTION PROGRESSES	5 F -
AND CONSTRUCTION OF ITEMS SHALL BE OF PREMIUM QUALITY, MEETING OR EXCEEDING INDUSTRY STANDARDS.	4. A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND A COPY OF THE "NOTICE OF INTENT" (NOI) SHALL BE KEPT ON SITE.	
ALL ITEMS AND/OR MATERIAL PROPOSED BY THE CONTRACTOR FOR SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER AND OWNER IN WRITING AND SHALL BE EQUAL OR SUPERIOR TO THE ITEMS SPECIFIED IN THE CONTRACT DOCUMENTS. IF SAID SUBSTITUTION PROPOSED BY THE CONTRACTOR FOR A SPECIFIED ITEM REQUIRES ENGINEERING REVISIONS, THE TOTAL EXPENSE OF SAID REVISIONS SHALL BE PAID BY THE CONTRACTOR.	5. AN AMENDMENT OF THE SWPPP IS REQUIRED WHENEVER A CHANGE IN DESIGN, 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.	
ANY ITEMS OF LABOR AND MATERIALS REQUIRED BUT NOT SHOWN AS A SEPARATE PAY ITEM IN THE PROPOSAL SHALL BE FURNISHED AND INSTALLED AS INCIDENTAL TO THE CONTRACT, EXCEPT AS NOTED IN THE PLANS AND SPECIFICATIONS.	 6. THE CONTRACTOR SHALL ALSO MAINTAIN THE FOLLOWING RECORDS ON SITE: GENERAL CONTRACTOR AND/OR SUBCONTRACTOR SWPPP CERTIFICATIONS THE DATE, TIME, AND EXACT LOCATION OF THE INSPECTION, AND THE NAME OF THE INSPECTOR 	
	 AN ASSESSMENT OF THE CONDITION OF THE EROSION CONTROLS A DESCRIPTION OF ANY EROSION CONTROL IMPLEMENTATION AND MAINTENANCE PERFORMED A DESCRIPTION OF THE PRESENT PHASE OF CONSTRUCTION AT THE SITE 	
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM THEIR WORK IN SUCH A MANNER AS NOT TO DAMAGE OR DESTROY ANY EXISTING FEATURE, (I.E. EXISTING INLETS, CONDUITS, ETC.) WHICH IS NOT MARKED FOR REPLACEMENT OR REMOVAL. IF ANY SUCH DAMAGE DOES OCCUR DUE TO THE OPERATIONS OF THE CONTRACTOR, THEY SHALL REPLACE THE DAMAGED PORTION AT THEIR EXPENSE. THE CONTRACTOR SHALL EXERCISE DUE CARE DURING CONSTRUCTION SO AS NOT TO DESTROY ANY TREES, PLANTS, SHRUBS OR STRUCTURES OUTSIDE OF THE	 7. CONSTRUCTION SEQUENCE ALL PERIMETER SILT FENCE, INLET PROTECTION AND OTHER EROSION CONTROLS SHALL BE IN PLACE BEFORE ANY OTHER EARTH MOVING ACTIVITIES BEGIN. THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THE AREAS PLANNED FOR EARTH MOVING. REMOVE TOPSOIL, STOCKPILE IT, AND INSTALL SILT FENCE AROUND 	
INDICATED WORK LIMITS AND THOSE NOT SPECIFICALLY MARKED FOR REMOVAL OR RELOCATION WITHIN THE WORK LIMITS. IN SOME INSTANCES, THE CONTRACTOR WILL BE REQUIRED TO EXCAVATE UNDER AND AROUND THE EXISTING UTILITIES. EXTREME CARE SHOULD BE USED NOT TO DAMAGE THE UTILITY DURING THIS OPERATION.	 PERIMETER. SEED SOIL STOCKPILE WITH PERENNIAL RYE GRASS AND MULCH. CONDUCT GRADING ACTIVITIES. INSTALL SITE UTILITIES - PLACE INLET PROTECTION AS CATCH BASINS ARE INSTALLED. PLACE AGGREGATES AND SUBGRADE MATERIALS ON THE SITE. INSTALL SITE PAVING. 	
GRADING PLANS	 REMOVE TEMPORARY SEDIMENT BASINS AND SILT TRAPS. ESTABLISH A TEMPORARY SEEDING ON ALL BARE AREAS THAT ARE TO REMAIN UNDISTURBED FOR MORE THAN 21 DAYS. SEED WITH PERENNIAL 	
SPOT ELEVATIONS AND CONTOURS ARE TO TOP OF FINISHED GRADE, CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING THE APPROPRIATE SUBGRADE TO ACHIEVE THE FINISHED GRADE INDICATED BY THE SPOT ELEVATION.	 RYE GRASS MULCH WITH STRAW. IMMEDIATE AFTER TOPSOIL HAS BEEN PLACED, STABILIZE THE SAME SURFACE 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. 	
THE CONTRACTOR SHALL TAKE EXTREME CARE AND UTILIZE BEST MANAGEMENT	 8. EROSION CONTROLS MUST BE INSPECTED ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF 0.5" OR GREATER RAINFALL. REMOVE ACCUMULATED SEDIMENT 	
PREVENT UNNECESSARY EROSION AND SILTATION AT ALL POINTS OF THE PROJECT. EROSION CONTROL, DISTURBANCE AND RESTORATION PRACTICIES SHALL FOLLOW THE KENTUCKY EPA RAINWATER AND LAND DEVELOPMENT	 FROM EROSION CONTROLS. 9. TEMPORARY SEEDING SHALL BE PERENNIAL RYE GRASS (40 LB / ACRED) AND MULCH AT 3 BALES OF STRAW PER 1000 S F 	
SILT FENCE, INLET PROTECTION, ETC., SHALL BE USED AS NECESSARY OR AS DIRECTED BY THE OWNER/ENGINEER, THE COST OF WHICH SHALL BE INCIDENTAL TO THE OVERALL CONTRACT PRICE.	10. CONTRACTOR IS RESPONSIBLE FOR OBTAINING BORROW MATERIAL ONSITE AND / OR DISPOSING OF EXCESS MATERIAL OFF SITE AS REQUIRED TO MEET INDICATED DESIGN FLEVATIONS	
DUST SHALL BE KEPT TO A MINIMUM. COST OF EQUIPMENT, WATER, LABOR AND MATERIAL, ETC. REQUIRED TO PERFORM DUST CONTROL SHALL BE INCIDENTAL TO THE OVERALL BID PRICE.	11. 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	
EXISTING INFORMATION SHOWN ON THESE PLANS ARE A COMBINATION OF EXISTING FIELD SURVEY, GIS CONTOURS, GIS IMAGERY AND PREVIOUSLY DEVELOPED PLANS. THE SUBJECT PROPERTY IS CURRENTLY IN PROCESS OF BEING CREATED AS SHOWN ON THE PLANS	12. THE CONSTRUCTION OF BMPs SHALL BE REVISED OR ADDED IF DEEMED NECESSARY PER SECTION 1000 OF THE SANITATION DISTRICT 1 REGULATIONS.	
EXISTING INFORMATION SHOWN ON THESE PLANS IS BASED ON A TOPOGRAPHICAL	13. CONTACT SANITATION DISTRICT NO. 1 72 HOURS PRIOR TO INSTALLATION OF THE WATER QUALITY FEATURE.	

EXISTING INFORMATION SHOWN ON THESE PLANS IS BASED ON A TOPOGRAPHICAL SURVEY PERFORMED BY CT CONSULTANTS DATED: 7-25-22

H:\2021\210789\DWG\SHEETS\210789-TITLE.DWG - GENERAL NOTES - 3/25/2024 5:22:53 PM - MORK LACHNIET

STORM & SANITARY NOTES

MANHOLES, CATCH BASINS AND INLETS

ALL CASTINGS FOR MANHOLES, CATCH BASINS AND INLETS SHALL CONFORM TO THOSE SPECIFIED IN THE STANDARD CONSTRUCTION DRAWINGS. ALL CASTINGS WHICH MIGHT BE SUBJECT TO VEHICLE TRAFFIC SHALL BE OF THE HEAVY DUTY GRADE. GRATED INLET TOPS SHALL BE PLACED AS SPECIFIED ON THE PLANS.

TOP OF CASTING ELEVATIONS ARE SUBJECT TO FINAL ADJUSTMENTS AS APPROVED BY THE OWNER / ENGINEER. ALL MANHOLES WITHIN WALK AREA SHALL HAVE A FLAT FLUSH COVER. ALL CASTINGS USED SHALL BE SUBJECT TO THE FINAL APPROVAL OF THE OWNER / ENGINEER. CONTRACTOR SHALL ENSURE ALL EXISTING MANHOLE LIDS ARE FREE OF ASPHALT MATERIAL AFTER PAVING AND ARE ABLE TO BE OPENED. IF ANY ASPHALT MATERIAL REMAINS ON THE LIDS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AT THE CONTRACTOR'S EXPENSE.

CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STORM AND SANITARY SEWER FLOW THROUGHOUT THE PROJECT, FOR THE DURATION OF CONSTRUCTION. ALL COST FOR THE ABOVE SHALL BE INCIDENTAL TO THE CONTRACT.

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE CITY OF FORT THOMAS, THE CONTRACTOR WITH THE OWNER AND ENGINEER OR FIELD INSPECTOR SHALL MAKE AN INSPECTION OF THE EXISTING SEWERS WITHIN THE WORK LIMITS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTIONS SHALL BE KEPT IN WRITING BY THE CONTRACTOR.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE CITY.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCIDENTAL TO THE CONTRACT.

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-0-	EXISTING SIGN	
CP	EXISTING CABLE PEDESTAL	
EP	EXISTING ELECTRIC PEDESTAL	
PB	EXISTING PULL BOX	
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Ē	EXISTING ELECTRIC MANHOLE	
[GM]	EXISTING GAS METER	
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GF	EXISTING GAS BOX	
ϕ	EXISTING UTILITY POLE	
(EXISTING GUY WIRE / ANCHOR	
S	EXISTING SANITARY MANHOLE	
o ^{sco}	EXISTING SANITARY CLEANOUT	
Ô	EXISTING STORM MANHOLE	5
	EXISTING SINGLE / DOUBLE CURB INLET	
E	EXISTING CATCH BASIN	
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\bigcirc	EXISTING TELEPHONE MANHOLE	
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EX. R/W	EXISTING RIGH	PERTY LINE					
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142 L.F. 15" STM @ 0.92 %	PROPOSED STO	DRM SEWER DERDRAIN	SION				
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x x x x x	PROPOSED FEN	ICE NTOURS (MAJOR)					
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EXISTING CATCH BASIN		PROPOSED CATCH BASIN	U	-	U A		
EXISTING STORM CLEANO		PROPOSED STORM CLEANOUT	I		I		
EXISTING TELEPHONE MAI		PROPOSED TELEPHONE MANHOLE					
EXISTING TELEPHONE PEL		PROPOSED TELEPHONE PEDESTAL					
EXISTING FIRE HYDRANT	<u></u>	PROPOSED FIRE HYDRANT					
EXISTING WATER METER		PROPOSED WATER METER	<b> </b>				
EXISTING WATER VALVE		REMOVE EXISTING RUSH / THEE		2	PROJEC	T NO.	)
EXISTING BUSHES / TREES		NEIVIUVE ENISTIING DUSH/ IREE		4	DISCIPI	LINE	-
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WATER BAR DIVERSION AS NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING ONTO PAVEMENT 12" MIN-18" OR SUFFICIENT TO DIVERT RUNOFF GEOTEXTILE -PROFILE

70' MIN.

SPECIFICATIONS:

NOTES:

- A. TENSILE STRENGTH
- B. PUNCTURE STRENGTH
- C. TEAR STRENGTH
- D. BURST STRENGTH
- E. ELONGATION
- F. EQUIVALENT OPENING SIZE  $\leq 0.6$  MM
- G. PERMITTIVITY
- SWEEPING.

CONSTRUCTION ENTRANCE SCALE: NONE

PERMANENT SEEDING	G FERTILIZATIO	ON AND	MOWING CHART	
MIXTURE	FORMULA	LB/ AC.	TIME	MOW
CREEPING RED FESCUE DOMESTIC RYEGRASS KENTUCKY BLUEGRASS	10-10-10	500	FALL YEARLY OR AS NEEDED	<u>&gt;</u> 3"
TALL FESCUE	10-10-10	500		
TURF-TYPE FESCUE	10-10-10	500		<u>&gt;</u> 4"
CROWN VETCH FESCUE	0-20-20	400	SPRING, AND YEARLY AFTER	DO NOT
FLAT PEA FESCUE	0-20-20	400	ESTABLISHED	MOW
PERMANENTS	SEEDING SPEC	IES SE	LECTION	
SEED MIX	SEED I LB/AC.	RATE NO	TES:	
	GENERAL USE	Ξ		
CREEPING RED FESCUE DOMESTIC RYEGRASS KENTUCKY BLUEGRASS	20 - 40 10 - 20 20 - 40	FOR AND <2.0	CLOSE MOWING WATERWAYS WIT FT./SEC. VELOCIT	Ή Y
TALL FESCUE	40 - 50			
TURF-TYPE FESCUE	90			
STEEP	BANKS OR CUT	SLOP	ES	
TALL FESCUE	40 - 50			
CROWN VETCH TALL FESCUE	10 - 20 20 - 30	DO AU	NOT SEED LATER GUST	THAN
FLAT PEA TALL FESCUE	20 - 25 20 - 30	DO AU	NOT SEED LATER GUST	THAN
ROAD	DITCHES AND	SWALE	S	
TALL FESCUE	40 - 50			
TURF-TYPE FESCUE KENTUCKY BLUEGRASS	90 5			
	LAWN			
KENTUCKY BLUEGRASS PERENNIAL RYEGRASS	100 - 120 100 - 120			
KENTUCKY BLUEGRASS CREEPING RED FESCUE	100 - 120 100 - 120	FOF	R SHADED AREAS	
PERMANENT SEEDI SCALE: NONE	NG DETAIL			

RCP ROCK CHANNEL PROTECTION (REFERENCE ARMY CORP OF ENGINEERS DETAIL NO. G104401X & KYTC RDD-040)



1. PLACE GEOTEXTILE OVER THE ENTIRE AREA PRIOR TO PLACING STONE MEETING THE MIN.

- = 200 LBS.
- = 80 PSI
- = 50 LBS.
- = 320 PSI
- = 20%
- = 0.001 CM/SEC

2. APPLY ADDITIONAL STONE AS CONDITIONS DEMAND AND REPLENISH STONE WHEN THE DEPTH IS LESS THAN 6". REMOVE AND REPLACE IF STONES BECOMES MUD-LADEN.

3. IMMEDIATELY REMOVE MUD DROPPED, WASHED OR TRACKED ONTO ROADS OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS BY SCRAPING OR

4. CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES OR TO PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SITE SHALL BE RESTRICTED FROM MUDDY AREAS.



NECESS	ARY.	D FOR DARE	3PU13
TE	MPORARY SEEDING SPEC	IES SELECTION	
DATES	SPECIES	LB/1,000 SF	LB/AC
MARCH 1 TO AUGUST 15	OATS TALL FESCUE PERENNIAL RYEGRASS	3 1 1	128 40 40
	PERENNIAL RYEGRASS TALL FESCUE	2 1	40 40
AUGUST 16 TO NOVEMBER 1	RYE TALL FESCUE PERENNIAL RYEGRASS	3 1 1	11: 40 40
	WHEAT TALL FESCUE PERENNIAL RYEGRASS	3 1 1	120 40 40
	PERENNIAL RYEGRASS TALL FESCUE	2 1	40 40
NOVEMBER 1 TO SPRING	ONLY MULCH OR DORMA	NT SEEDING.	

SEEDING SHALL BE INSPECTED FOR BARE SPOTS AND WAS
NECESSARY

APPLY MULCHING IMMEDIATELY AFTER SEEDING. SHOUTS, AND RESEEDED AS

4)

THEN LIGHTLY TAMPING INTO PLACE.

SOIL TESTS ON THE SITE TO PREDICT THE NEED FOR LIME AND FERTILIZER. APPLY SEED UNIFORMLY. COVER BROADCASTED SEED BY RAKING OR DRAGGING AND 3)

2) SOIL AMENDMENTS MAY BE REQUIRED TO ESTABLISH ADEQUATE VEGETATION. PERFORM

ESTABLISHING VEGETATION.



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NOTES:

NOTES:

FLOW:

SLURRY FLOW RATE	0.3 GAL./MIN./S.F. MAX.	
EQUIVALENT OPENING SIZE	40-80	1
ULTRAVIOLET RADIATION STABILITY	90% MIN	

## TEMPORARY SEEDING DETAIL



![](_page_7_Figure_0.jpeg)

H:\2021\210789\DWG\SHEETS\210789-TITLE.DWG - FENCE DETALS - 3/25/2024 5:22:53 PM - MORK LACHNIET

STEEL POST SCHEDULE	
	MENSIONS (NOMINAL)
FABRIC LESS THEN 72"	FABRIC OVER 96"
2.375" O.D.	4.00" O.D.
1.90" O.D.	2.875" O.D.
1.66'	' O.D.
	STEEL POST SCHEDULE MINIMUM OUTSIDE DI FABRIC LESS THEN 72" 2.375" O.D. 1.90" O.D. 1.66"

1 30	, NEDULE
TH	OUTSIDE
	DIMENSION
	(NOMINAL)
	2.875" O.D 2.5" SQ.
	4" O.D.

NOTES:

1. ALL CHAIN-LINK MATERIALS AND INSTALLATION SHALL CONFORM TO SECTION 721 OF THE KYTC STANDARD SPECIFICATIONS. CHAIN LINK SHALL BE BLACK VINYL COATED.

2. DETAILS SHOWN ARE TO CLARIFY REQUIREMENTS AND ARE NOT INTENDED TO LIMIT OTHER TYPES OF FENCE SECTIONS AND METHODS OF INSTALLATION

3. WIRE TIES, RAILS, POSTS AND BRACES SHALE BE CONSTRUCTED ON THE SECURE SIDE OF THE FENCE ALIGNMENT. CHAIN-LINK FABRIC SHALL BE PLACED ON THE OPPOSITE SIDE OF THE SECURE AREA

C-SECTION POSTS BE INSTALLED SO THAT THE VOID INSIDE THE POST IS COMPLETELY FILLED WITH CONCRETE UP TO THE TOP OF THE FOUNDATION.

5. SWING GATES SHALL BE CONSTRUCTED WITH DROP RODS, PADLOCK, LATCH ASSEMBLY AND GATE KEEPERS EXCEPT WHERE NOTED.

6. ALL GATE FRAMES SHALL BE A MINIMUM 1.90" NOMINAL (ROUND) OR 2.00" NOMINAL (SQUARE). GATE FRAMES SHALL BE OF WELDED CONSTRUCTION OR SHALL BE ASSEMBLED USING HEAVY FITTINGS. AT CONTRACTOR'S OPTION A WELDED HORIZONTAL BRACE MAY BE USED IN LIEU OF TRUSS RODS TO BRACE ALL WELDED GATE FRAMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER RIGID CONSTRUCTION OF ALL GATES SUPPLIED.

ISSUED FOR: BID NO REVISION	ISSUE DATE: 03/28/2024	SCALE: AS NOTED	DESIGNED BY: MMARQ	DRAWN BY: MMARQ	CHECKED BY: MLAC
N DATE		your trusted advisor	consultants engineers architects	planners	

#### BASIN BID - ACRYLIC COLOR:

ACRYLIC COLOR COATING FOR COURT SURFACE. DYNAFLEX MATERIALS OR APPROVED EQUAL (2 COAT RESURFACER, 3 COATS OF COLOR COATING). INCLUDES ANY REQUIRED LEVELING OF ASPHALT SURFACE WITH DYNABINDER QUICK PATCH BINDER. - 6 FULL COURTS

#### ALTERNATE BID - CUSHIONED BASE:

ACRYLIC COLOR COATING FOR COURT SURFACE. DYNAFLEX MATERIAL OR APPROVED EQUAL(2 COAT ACRYLIC RESURFACER, 4 COATS DYNACUSHION BASE MAT, 3 COATS DYNACUSION TOP MAT, 1 COAT ACRYLIC RESURFACER, 3 COATS DYNACOLOR ACRYLIC COLOR COATING AND DYNASTRIPE LINE PAINT.) INCLUDES ANY REQUIRED LEVELING OF ASPHALT SURFACE WITH DYNABINDER QUICK PATCH BINDER. 6 FULL COURTS.

![](_page_8_Figure_5.jpeg)

COURT COLORING HATCH LEGEND COLORS TO BE APPROVED BY OWNER AFTER SELECTING FROM SAMPLE PRODUCTS

![](_page_8_Figure_8.jpeg)

H:\2021\210789\DWG\SHEETS\210789-TITLE.DWG - PB DETAIL - 3/25/2024 5:22:53 PM - MORK LACHNIET

COLOR :XXXXX

STRIPING TO BE 2" WIDE WHITE.

![](_page_8_Picture_12.jpeg)

			HIGHLAND HILLS PARK	ISSUED FOR:	BID	NO	VISION		
SHEET 9		2	IMPROVEMENTS	ISSUE DATE:	03/28/2024				
	DISCI CIN SHEET D	PROJE 210		SCALE:	AS NOTED			your trusted advisor	
	VIL NAME	CT NO. 78		DESIGNED BY:	MMARQ			consultants engineers architects	
OF 9		9	PICKLE BALL COURT DETAIL	DRAWN BY:	MMARQ			planners	
				CHECKED BY:	MLAC				