



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Rebecca Goodman
SECRETARY

August 14, 2026

CALL NO. 103
CONTRACT ID NO. 261515
ADDENDUM # 1

Subject: Knott County, EK57 060 1390 000-002
Letting August 20, 2026

- (1) Omit Special Notes Pages 39-42 of 173
- (2) Revised - Wage Rates - Pages 164-168a of 173
- (3) Revised - Proposal Bid Items - Pages 171-173a of 173
- (4) Revised - Plan Sheets R2C, R2D, R2G, R2H, R2M, R16,
R23, R81, G7, G11, G12, G13

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in black ink that reads "Rachel Mills".

Rachel Mills, P.E.
Director
Division of Construction Procurement

RM:mr
Enclosures

State: Kentucky

Construction Types: Highway

Counties: Kentucky Counties of
Adair, Barren, Bell, Breathitt, Casey,
Clay, Clinton, Cumberland, Estill,
Floyd, Garrard, Green, Harlan, Hart,
Jackson, Johnson, Knott, Knox, Laurel,
Lawrence, Lee, Leslie, Letcher, Lincoln,
Magoffin, Martin, McCreary, Menifee,
Metcalf, Monroe, Morgan, Owsley, Perry,
Pike, Powell, Pulaski, Rockcastle,
Russell, Taylor, Wayne, Whitley and
Wolfe

Modification Number	Publication Date
0	01/02/2026
1	05/18/2026
2	07/30/2026

SUKY2015-047 10/20/2015

	Rates	Fringes
BOILERMAKER.....	\$ 24.65	12.94
BRICKLAYER: BRICKLAYER.....	\$ 22.90	8.50
BRICKLAYER: STONE MASON.....	\$ 21.50	8.50
CARPENTER.....	\$ 24.90	14.50
CARPENTER: PILEDRIVER.....	\$ 24.55	14.50
CEMENT MASON.....	\$ 21.25	8.50
ELECTRICIAN WHEN WORKMEN ARE REQUIRED TO WORK FROM BOSUM CHAIRS, TRUSSES, STACKS, TANKS, SCAFFOLDS, CATWALKS, RADIO AND T.V. TOWERS, STRUCTURAL STEEL (OPEN, UNPROTECTED, UNFLOORED RAW STEEL), AND BRIDGES OR SIMILAR HAZARDOUS LOCATIONS WHERE WORKMEN ARE SUBJECT TO FALL, EXCEPT WHERE USING JLG'S AND BUCKET TRUCKS UP TO 75 FEET: ADD 25% TO WORKMAN'S BASE RATE FOR 50 TO 75 FEET, AND ADD 50% TO WORKMAN'S BASE RATE FOR OVER 75 FEET.....	\$ 29.36	10.55
ELECTRICIAN: EQUIPMENT OPERATOR WHEN WORKMEN ARE REQUIRED TO WORK FROM BOSUM CHAIRS, TRUSSES, STACKS, TANKS, SCAFFOLDS, CATWALKS, RADIO AND T.V. TOWERS, STRUCTURAL STEEL (OPEN, UNPROTECTED, UNFLOORED RAW STEEL), AND BRIDGES OR SIMILAR HAZARDOUS LOCATIONS WHERE WORKMEN ARE SUBJECT TO FALL, EXCEPT WHERE USING JLG'S AND BUCKET TRUCKS UP TO 75 FEET: ADD 25% TO WORKMAN'S BASE RATE FOR 50 TO 75 FEET, AND ADD 50% TO WORKMAN'S BASE RATE FOR OVER 75 FEET.....	\$ 26.90	10.31
ELECTRICIAN: GROUNDSMAN WHEN WORKMEN ARE REQUIRED TO WORK FROM BOSUM CHAIRS, TRUSSES, STACKS, TANKS, SCAFFOLDS, CATWALKS, RADIO AND T.V. TOWERS, STRUCTURAL STEEL (OPEN, UNPROTECTED,		

KNOTT COUNTY
 EK57 0601399-000-002

UNFLOORED RAW STEEL), AND BRIDGES OR SIMILAR HAZARDOUS LOCATIONS WHERE WORKMEN ARE SUBJECT TO FALL, EXCEPT WHERE USING JLG'S AND BUCKET TRUCKS UP TO 75 FEET: ADD 25% TO WORKMAN'S BASE RATE FOR 50 TO 75 FEET, AND ADD 50% TO WORKMAN'S BASE RATE FOR OVER 75 FEET.....\$ 17.79	8.51
ELECTRICIAN: LINEMAN WHEN WORKMEN ARE REQUIRED TO WORK FROM BOSUM CHAIRS, TRUSSES, STACKS, TANKS, SCAFFOLDS, CATWALKS, RADIO AND T.V. TOWERS, STRUCTURAL STEEL (OPEN, UNPROTECTED, UNFLOORED RAW STEEL), AND BRIDGES OR SIMILAR HAZARDOUS LOCATIONS WHERE WORKMEN ARE SUBJECT TO FALL, EXCEPT WHERE USING JLG'S AND BUCKET TRUCKS UP TO 75 FEET: ADD 25% TO WORKMAN'S BASE RATE FOR 50 TO 75 FEET, AND ADD 50% TO WORKMAN'S BASE RATE FOR OVER 75 FEET.....\$ 30.09	10.94
IRONWORKER.....\$ 27.56	20.57
LABORER: GROUP 1 AGING AND CURING OF CONCRETE (ANY MODE OR METHOD), ASBESTOS ABATEMENT WORKER, ASPHALT PLANT LABORERS, ASPHALT LABORERS, BATCH TRUCK DUMPERS, CARPENTER TENDERS, CEMENT MASON TENDERS, CLEANING OF MACHINES, CONCRETE LABORERS, DEMOLITION LABORERS, DREDGING LABORERS, DRILL TENDER, ENVIRONMENTAL LABORER - NUCLEAR, RADIATION, TOXIC AND HAZARDOUS WASTE - LEVEL D, FLAGMEN, GRADE CHECKERS, ALL HAND DIGGING AND HAND BACK FILLING, HIGHWAY MARKER PLACERS, LANDSCAPING LABORERS, MESH HANDLERS AND PLACERS, PUDDLER, RAILROAD LABORERS, RIP-RAP AND GROUTERS, RIGHT OF WAY LABORERS, SIGN, GUARD RAIL AND FENCE INSTALLERS (ALL TYPES), SIGNALMEN, SOUND BARRIER INSTALLER, STORM AND SANITARY SEWER LABORERS, SWAMPERS, TRUCK SPOTTERS AND DUMPERS, WRECKING OF CONCRETE FORMS, GENERAL CLEANUP.....\$ 21.80	12.36
LABORER: GROUP 2 BATTER BOARD MEN (SANITARY AND STORM SEWER), BRICKMASON TENDERS, MORTAR MIXER OPERATOR, SCAFFOLD BUILDERS, BURNER AND WELDER, BUSHAMMERS, CHAIN SAW OPERATOR, CONCRETE SAW OPERATORS, DECKHAND SCOW MAN, DRY CEMENT HANDLERS, ENVIRONMENTAL LABORERS - NUCLEAR, RADIATION, TOXIC AND HAZARDOUS WASTE - LEVEL C, FORKLIFT OPERATORS FOR MASONRY, FORM SETTERS, GREEN CONCRETE CUTTING, HAND OPERATED GROUTER AND GRINDER MACHINE OPERATOR, JACK HAMMERS, LEAD PAINT ABATEMENT, PAVEMENT BREAKERS, PAVING JOINT MACHINE, PIPE LAYERS - LASER OPERATORS (NON-METALLIC), PLASTIC PIPE FUSION, POWER DRIVEN GEORGIA BUGGY AND WHEEL BARROW, POWER POST HOLE DIGGERS, PRECAST MANHOLE SETTERS, WALK-BEHIND TAMPERS, WALK-BEHIND TRENCHERS, SAND BLASTERS, CONCRETE CHIPPERS, SURFACE GRINDERS, VIBRATOR OPERATORS, WAGON DRILLERS.....\$ 22.05	12.36
LABORER: GROUP 3 AIR TRACK DRILLER (ALL TYPES), ASPHALT LUTEMAN AND RAKERS, GUNNITE NOZZLEMAN, GUNNITE OPERATORS AND MIXERS, GROUT PUMP OPERATOR, POWDERMAN AND BLASTER, SIDE RAIL SETTERS, RAIL PAVED DITCHES, SCREW OPERATORS, TUNNEL LABORERS (FREE AIR), WATER BLASTERS.....\$ 22.10	12.36
LABORER: GROUP 4 CAISSON WORKERS (FREE AIR), CEMENT FINISHERS, ENVIRONMENTAL LABORER - NUCLEAR, RADIATION, TOXIC AND HAZARDOUS WASTE - LEVEL A AND B, MINERS AND DRILLERS (FREE AIR), TUNNEL BLASTERS, AND TUNNEL MOCKERS (FREE AIR), DIRECTIONAL AND HORIZONTAL BORING, AIR TRACK DRILLERS (ALL TYPES), POWDER MAN AND BLASTERS, TROXLER AND CONCRETE TESTER IF LABORER IS UTILIZED.....\$ 22.70	12.36
PAINTER (ALL EXCLUDING BRIDGES).....\$ 19.92	9.57

KNOTT COUNTY

EK57 0601399-000-002

PAINTER (BRIDGES).....	\$ 23.92	10.07
PLUMBER.....	\$ 22.52	7.80
POWER EQUIPMENT OPERATOR: GROUP 1 AUTO PATROL, BATCHER PLANT, BITUMINOUS PAVER, CABLE-WAY, CLAMSHELL, CONCRETE MIXER (21 CU FT OR OVER), CONCRETE PUMP, CRANE, CRUSHER PLANT, DERRICK, DERRICK BOAT, DITCHING AND TRENCHING MACHINE, DRAGLINE, DREDGE ENGINEER, ELEVATOR (REGARDLESS OF OWNERSHIP WHEN USED FOR HOISTING ANY BUILDING MATERIAL), ELEVATING GRADER AND ALL TYPES OF LOADERS, HOE-TYPE MACHINE, HOISTING ENGINE, LOCOMOTIVE, LETOURNEAU OR CARRY-ALL SCOOP, BULLDOZER, MECHANIC, ORANGEPEEL BUCKET, PILEDRIVER, POWER BLADE, ROLLER (BITUMINOUS), ROLLER (EARTH), ROLLER (ROCK), SCARIFIER, SHOVEL, TRACTOR SHOVEL, TRUCK CRANE, WELL POINT, WINCH TRUCK, PUSH DOZER, GROUT PUMP, HIGH LIFT, FORK LIFT (REGARDLESS OF LIFT HEIGHT), ALL TYPES OF BOOM CATS, MULTIPLE OPERATOR, CORE DRILL, TOW OR PUSH BOAT, A-FRAME WINCH TRUCK, CONCRETE PAVER, GRADE-ALL, HOIST, HYSTER, MATERIAL PUMP, PUMPCRETE, ROSS CARRIER, SHEEPFOOT, SIDEBOOM, THROTTLE-VALVE MAN, ROTARY DRILL, POWER GENERATOR, MUCKING MACHINE, ROCK SPREADER ATTACHED TO EQUIPMENT, SCOOPMOBILE, KECAL LOADER, TOWER CRANES (FRENCH, GERMAN AND OTHER TYPES), HYDOCRANE, TUGGER, BACKFILLER GURRIES, SELF-PROPELLED COMPACTOR, SELF-CONTAINED HYDRAULIC PERCUSSION DRILL.....	\$ 29.95	14.40
POWER EQUIPMENT OPERATOR: GROUP 2 ALL AIR COMPRESSORS (200 CU FT/MIN OR GREATER), BITUMINOUS MIXER, CONCRETE MIXER (21 CU. FT. OR OVER), WELDING MACHINE, FORM GRADER, TRACTOR (50 HP AND OVER), BULL FLOAT, FINISH MACHINE, OUTBOARD MOTOR BOAT, BRAKEMAN, MECHANIC TENDER, WHIRLY OILER, TRACT-AIR, ROAD WIDENING TRENCHER, ARTICULATING TRUCKS.....	\$ 29.95	14.40
POWER EQUIPMENT OPERATOR: GROUP 3 GREASER ON GREASE FACILITIES SERVICING HEAVY EQUIPMENT.....	\$ 27.26	14.40
POWER EQUIPMENT OPERATOR: GROUP 4 BITUMINOUS DISTRIBUTOR, CEMENT GUN, CONVEYOR, MUD JACK, PAVING JOINT MACHINE, PUMP, TAMPING MACHINE, TRACTOR (UNDER 50 HP), VIBRATOR, OILER, AIR COMPRESSOR (UNDER 200 CU FT PER MINUTE), CONCRETE SAW, BURLAP AND CURING MACHINE, HYDRO SEEDER, POWER FORM HANDLING EQUIPMENT, DECKHAND OILER, HYDRAULIC POST DRIVER.....	\$ 26.96	14.40
SHEET METAL WORKER.....	\$ 20.40	7.80
TRUCK DRIVER: DRIVER (3 TONS AND OVER), DRIVER (TRUCK MOUNTED ROTARY DRILL).....	\$ 23.74	14.50
TRUCK DRIVER: DRIVER (3 TONS AND UNDER), TIRE CHANGER AND TRUCK MECHANIC TENDER.....	\$ 23.53	14.50
TRUCK DRIVER: DRIVER (SEMI-TRAILER OR POLE TRAILER), DRIVER (DUMP TRUCK, TANDEM AXLE), DRIVER OF DISTRIBUTOR.....	\$ 23.40	14.50
TRUCK DRIVER: DRIVER ON MIXER TRUCKS (ALL TYPES)....	\$ 23.45	14.50
TRUCK DRIVER: DRIVER ON PAVEMENT BREAKERS.....	\$ 23.55	14.50
TRUCK DRIVER: DRIVER, EUCLID AND OTHER HEAVY EARTH MOVING EQUIPMENT AND LOW BOY.....	\$ 24.31	14.50
TRUCK DRIVER: DRIVER, WINCH TRUCK AND A-FRAME WHEN USED IN TRANSPORTING MATERIALS.....	\$ 23.30	14.50
TRUCK DRIVER: GREASER ON GREASING FACILITIES.....	\$ 24.40	14.50
TRUCK DRIVER: TRUCK MECHANIC.....	\$ 23.50	14.50
TRUCK DRIVER: TRUCK TENDER AND WAREHOUSEMAN.....	\$ 23.20	14.50

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least \$13.65 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract from May 11, 2026, through December 31, 2026. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than **◆SU◆**, **◆UAVG◆**, **◆SA◆**, or **◆SC◆** denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The SU identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

SU wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The SA identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the SA identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

- 1) Has there been an initial decision in the matter? This can be:
- a) a survey underlying a wage determination
 - b) an existing published wage determination
 - c) an initial WHD letter setting forth a position on

KNOTT COUNTY
EK57 060 1390 000-002

- a wage determination matter
d) an initial conformance (additional classification
and rate) determination

On survey related matters, initial contact, including requests
for summaries of surveys, should be directed to the WHD Branch
of Wage Surveys. Requests can be submitted via email to
davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as
conformance decisions, requests for initial decisions should be
directed to the WHD Branch of Construction Wage Determinations.
Requests can be submitted via email to BCWD-Office@dol.gov or
by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested
party (those affected by the action) that disagrees with the
decision can request review and reconsideration from the Wage
and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7).
Requests for review and reconsideration can be submitted via
email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the
interested party's position and any information (wage payment
data, project description, area practice material, etc.) that
the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an
interested party may appeal directly to the Administrative
Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

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END OF GENERAL DECISION

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PROPOSAL BID ITEMS

Report Date 8/14/26

Page 1 of 4

261515

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	19,286.00	TON		\$	
0020	00005		GEOGRID REINFORCEMENT FOR SUBGRADE	1,277.00	SQYD		\$	
0030	00020		TRAFFIC BOUND BASE	800.00	TON		\$	
0040	00100		ASPHALT SEAL AGGREGATE	147.00	TON		\$	
0050	00103		ASPHALT SEAL COAT	19.00	TON		\$	
0060	00190		LEVELING & WEDGING PG64-22	36.00	TON		\$	
0070	00212		CL2 ASPH BASE 1.00D PG64-22	24,026.00	TON		\$	
0080	00301		CL2 ASPH SURF 0.38D PG64-22	3,886.00	TON		\$	
0090	00356		ASPHALT MATERIAL FOR TACK	59.00	TON		\$	
0100	02071		JPC PAVEMENT-11 IN	737.00	SQYD		\$	
0110	02084		JPC PAVEMENT-8 IN	540.00	SQYD		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0120	00078		CRUSHED AGGREGATE SIZE NO 2	2,303.00	TON		\$	
0130	01000		PERFORATED PIPE-4 IN	14,859.00	LF		\$	
0140	01010		NON-PERFORATED PIPE-4 IN	28.00	LF		\$	
0150	01020		PERF PIPE HEADWALL TY 1-4 IN	2.00	EACH		\$	
0160	01028		PERF PIPE HEADWALL TY 3-4 IN	1.00	EACH		\$	
0170	01740		CORED HOLE DRAINAGE BOX CON-4 IN	138.00	EACH		\$	
0180	01987		DELINEATOR FOR G/R BI DIRECTIONAL WHITE	53.00	EACH		\$	
0190	02014		BARRICADE-TYPE III	3.00	EACH		\$	
0200	02159		TEMP DITCH	7,600.00	LF		\$	
0210	02160		CLEAN TEMP DITCH	3,800.00	LF		\$	
0220	02200		ROADWAY EXCAVATION (REVISED 8-14-26)	574,132.00	CUYD		\$	
0240	02242		WATER	165.00	MGAL		\$	
0250	02273		FENCE-4 FT CHAIN LINK	1,014.00	LF		\$	
0260	02286		SINGLE VEHICULAR CHAIN LINK GATE (13' WIDE GATE)	1.00	EACH		\$	
0270	02351		G/R-W BEAM-S FACE TL-3	3,000.00	LF		\$	
0280	02360		G/R TERMINAL SECTION NO 1	4.00	EACH		\$	
0290	02367		G/R END TREATMENT TYPE 1	8.00	EACH		\$	
0300	02483		CHANNEL LINING CLASS II	1,820.00	TON		\$	
0310	02484		CHANNEL LINING CLASS III (REVISED 8-14-26)	10,133.00	TON		\$	
0320	02545		CLEARING AND GRUBBING APPROX. 78.6 ACRES	1.00	LS		\$	
0330	02555		CONCRETE-CLASS B	10.73	CUYD		\$	
0340	02562		TEMPORARY SIGNS	500.00	SQFT		\$	
0350	02585		EDGE KEY	44.00	LF		\$	
0360	02587		HOOK BOLT WITH EXPAN ANCHOR	95.00	EACH		\$	

KNOTT COUNTY
EK57 060 1390 000-002
261515

PROPOSAL BID ITEMS

Page 2 of 4

Report Date 8/14/26

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0370	02602		FABRIC-GEOTEXTILE CLASS 1 (REVISED 8-14-26)	15,875.00	SQYD		\$	
0380	02604		FABRIC-GEOTEXTILE CLASS 1A	2,700.00	SQYD		\$	
0390	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0400	02701		TEMP SILT FENCE	7,600.00	LF		\$	
0410	02703		SILT TRAP TYPE A	116.00	EACH		\$	
0420	02704		SILT TRAP TYPE B	116.00	EACH		\$	
0430	02705		SILT TRAP TYPE C	116.00	EACH		\$	
0440	02706		CLEAN SILT TRAP TYPE A	116.00	EACH		\$	
0450	02707		CLEAN SILT TRAP TYPE B	116.00	EACH		\$	
0455	02731		REMOVE STRUCTURE (ADDED 8-14-26)	1.00	LS		\$	
0460	02708		CLEAN SILT TRAP TYPE C	116.00	EACH		\$	
0470	02720		SIDEWALK-4 IN CONCRETE	7,412.00	SQYD		\$	
0480	02726		STAKING	1.00	LS		\$	
0490	02775		ARROW PANEL	1.00	EACH		\$	
0500	03385		PVC PIPE-6 IN	1,020.00	LF		\$	
0510	05950		EROSION CONTROL BLANKET	150,949.00	SQYD		\$	
0520	05952		TEMP MULCH	371,300.00	SQYD		\$	
0530	05953		TEMP SEEDING AND PROTECTION	278,500.00	SQYD		\$	
0540	05963		INITIAL FERTILIZER	29.00	TON		\$	
0550	05964		MAINTENANCE FERTILIZER	19.00	TON		\$	
0560	05985		SEEDING AND PROTECTION	556,900.00	SQYD		\$	
0570	05992		AGRICULTURAL LIMESTONE	346.00	TON		\$	
0580	06406		SBM ALUM SHEET SIGNS .080 IN	48.00	SQFT		\$	
0590	06407		SBM ALUM SHEET SIGNS .125 IN	11.00	SQFT		\$	
0600	06410		STEEL POST TYPE 1	132.00	LF		\$	
0610	06514		PAVE STRIPING-PERM PAINT-4 IN	14,989.00	LF		\$	
0620	06555		PAVE STRIPING-DUR TY 1-4 IN Y	164.00	LF		\$	
0630	06556		PAVE STRIPING-DUR TY 1-6 IN W	870.00	LF		\$	
0640	06567		PAVE MARKING-THERMO STOP BAR-12IN	39.00	LF		\$	
0650	06574		PAVE MARKING-THERMO CURV ARROW	4.00	EACH		\$	
0660	10020NS		FUEL ADJUSTMENT	113,572.00	DOLL	\$1.00	\$	\$113,572.00
0670	10030NS		ASPHALT ADJUSTMENT	113,044.00	DOLL	\$1.00	\$	\$113,044.00
0680	20191ED		OBJECT MARKER TY 3	8.00	EACH		\$	
0690	20430ED		SAW CUT	495.00	LF		\$	
0700	23158ES505		DETECTABLE WARNINGS	138.00	SQFT		\$	
0710	24378EC		ROLL CURB MODIFIED	14,807.00	LF		\$	
0720	24540		R/W MONUMENT TYPE 3	69.00	EACH		\$	
0730	24631EC		BARCODE SIGN INVENTORY	9.00	EACH		\$	
0740	24801EC		IMPERMEABLE DETENTION BASIN LINING	4,152.00	SQYD		\$	
0750	24845EC		UTILITY COORDINATION	1.00	LS		\$	
0760	26204EC		PGR GROUT (REVISED 8-14-26)	350.10	CUYD		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0780	00440		ENTRANCE PIPE-15 IN	101.00	LF		\$	

KNOTT COUNTY
EK57 060 1390 000-002
261515

PROPOSAL BID ITEMS

Page 3 of 4

Report Date 8/14/26

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0790	00441		ENTRANCE PIPE-18 IN	43.00	LF		\$	
0800	00443		ENTRANCE PIPE-24 IN	78.00	LF		\$	
0810	00462		CULVERT PIPE-18 IN	319.00	LF		\$	
0820	00464		CULVERT PIPE-24 IN	144.00	LF		\$	
0830	00466		CULVERT PIPE-30 IN	93.00	LF		\$	
0840	00468		CULVERT PIPE-36 IN	90.00	LF		\$	
0850	00469		CULVERT PIPE-42 IN	106.00	LF		\$	
0860	00522		STORM SEWER PIPE-18 IN (REVISED 8-14-26)	4,366.00	LF		\$	
0870	00524		STORM SEWER PIPE-24 IN	1,775.00	LF		\$	
0880	00526		STORM SEWER PIPE-30 IN	1,094.00	LF		\$	
0890	00528		STORM SEWER PIPE-36 IN	973.00	LF		\$	
0900	01204		PIPE CULVERT HEADWALL-18 IN	2.00	EACH		\$	
0910	01208		PIPE CULVERT HEADWALL-24 IN	3.00	EACH		\$	
0920	01210		PIPE CULVERT HEADWALL-30 IN	4.00	EACH		\$	
0930	01212		PIPE CULVERT HEADWALL-36 IN	3.00	EACH		\$	
0940	01214		PIPE CULVERT HEADWALL-42 IN	4.00	EACH		\$	
0950	01433		SLOPED BOX OUTLET TYPE 1-18 IN	2.00	EACH		\$	
0960	01480		CURB BOX INLET TYPE B	24.00	EACH		\$	
0970	01535		DROP BOX INLET TYPE 6F	1.00	EACH		\$	
0980	01647		JUNCTION BOX-48 IN	1.00	EACH		\$	
0990	01761		MANHOLE TYPE B	1.00	EACH		\$	
1000	02607		FABRIC-GEOTEXTILE CLASS 2 FOR PIPE (REVISED 8-14-26)	16,346.00	SQYD	\$2.00	\$	\$32,692.00
1010	24814EC		PIPELINE INSPECTION	974.00	LF		\$	
1020	26235ED		CURB BOX INLET TYPE F MODIFIED	96.00	EACH		\$	

Section: 0004 - BRIDGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1030	02231		STRUCTURE GRANULAR BACKFILL	500.00	CUYD		\$	
1040	03299		ARMORED EDGE FOR CONCRETE	64.00	LF		\$	
1050	08003		FOUNDATION PREPARATION	1.00	LS		\$	
1060	08019		CYCLOPEAN STONE RIP RAP	297.00	TON		\$	
1070	08033		TEST PILES	48.00	LF		\$	
1080	08039		PRE-DRILLING FOR PILES	246.00	LF		\$	
1090	08052		PILES-STEEL HP14X117	348.00	LF		\$	
1100	08100		CONCRETE-CLASS A	118.60	CUYD		\$	
1110	08104		CONCRETE-CLASS AA	61.70	CUYD		\$	
1120	08151		STEEL REINFORCEMENT-EPOXY COATED	18,073.00	LB		\$	
1130	08664		PRECAST PC BOX BEAM CB27-48	656.00	LF		\$	
1140	23378EC		CONCRETE SEALING	4,148.00	SQFT		\$	
1150	25017ED		RAIL SYSTEM SIDE MOUNTED MGS	150.00	LF		\$	
1160	26233EC		MOBILIZATION FOR CONCRETE SURF TREATMENT	1.00	LS		\$	

Section: 0005 - DEMOBILIZATION &/OR MOBILIZATION

PROPOSAL BID ITEMS

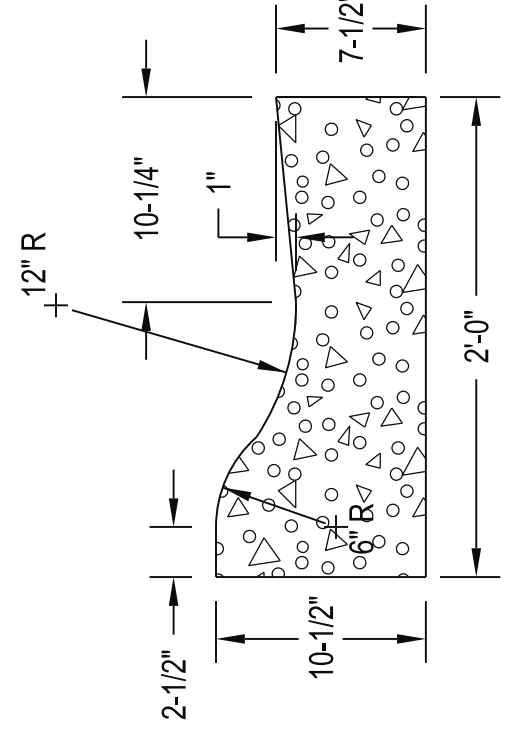
Page 4 of 4

Report Date 8/14/26

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1170	02568		MOBILIZATION	1.00	LS		\$	
1180	02569		DEMOBILIZATION	1.00	LS		\$	

TYPICAL SECTIONS

MAINLINE - RESIDENTIAL



DETAIL - MODIFIED ROLLED CURB

SURFACING SCHEDULE FOR MAINLINE URBAN

TRAFFIC LANES

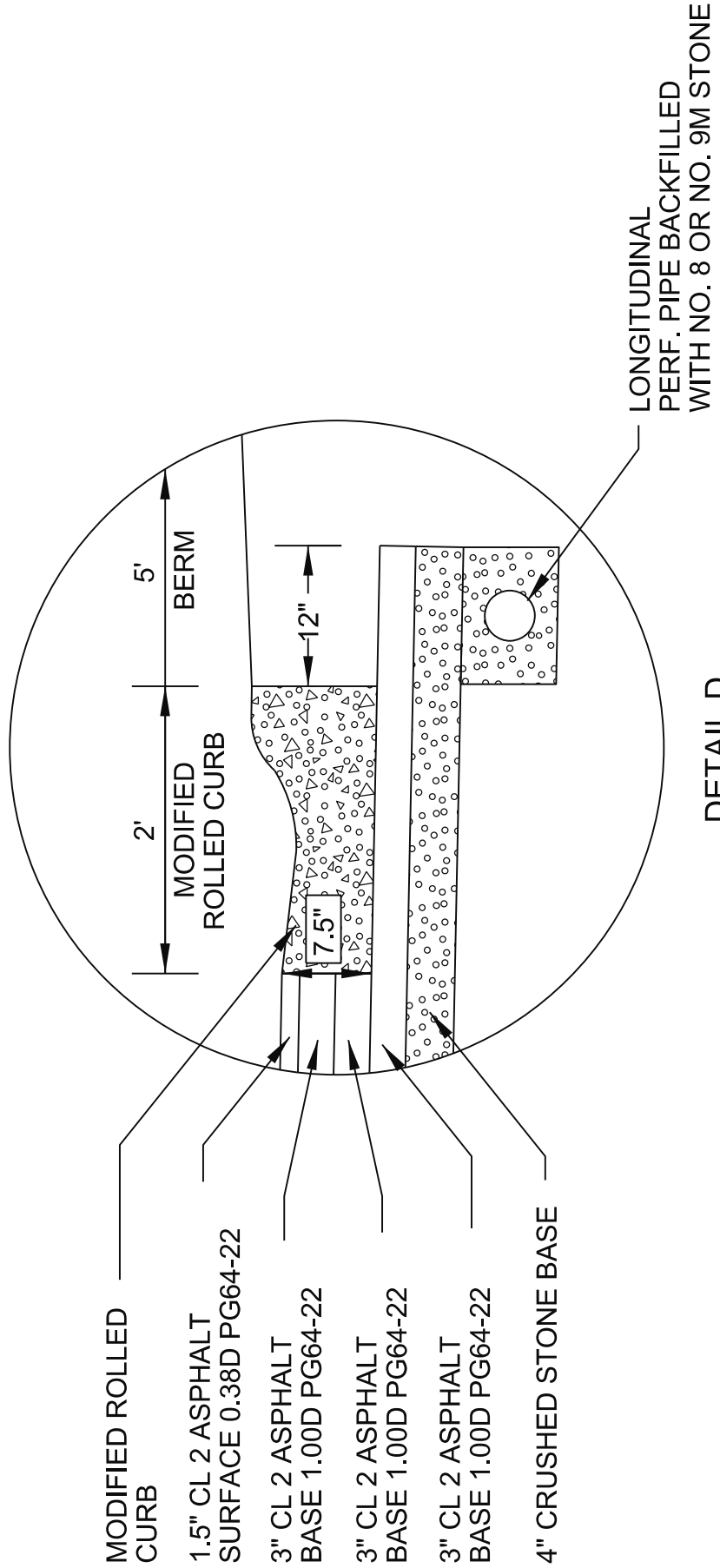
APPROX. 13' BASE	4" CRUSHED STONE BASE 3" CLASS 2 ASPHALT BASE 1,00D PG64-22 3" CLASS 2 ASPHALT BASE 1,00D PG64-22 3" CLASS 2 ASPHALT BASE 1,00D PG64-22
APPROX. 1.50' SURFACE	1.5" CLASS 2 ASPHALT SURFACE 0.38D PG64-22

ASPHALT MATERIAL FOR TACK REQUIRED BETWEEN ALL ASPHALT LAYERS AT AN APPLICATION RATE OF:

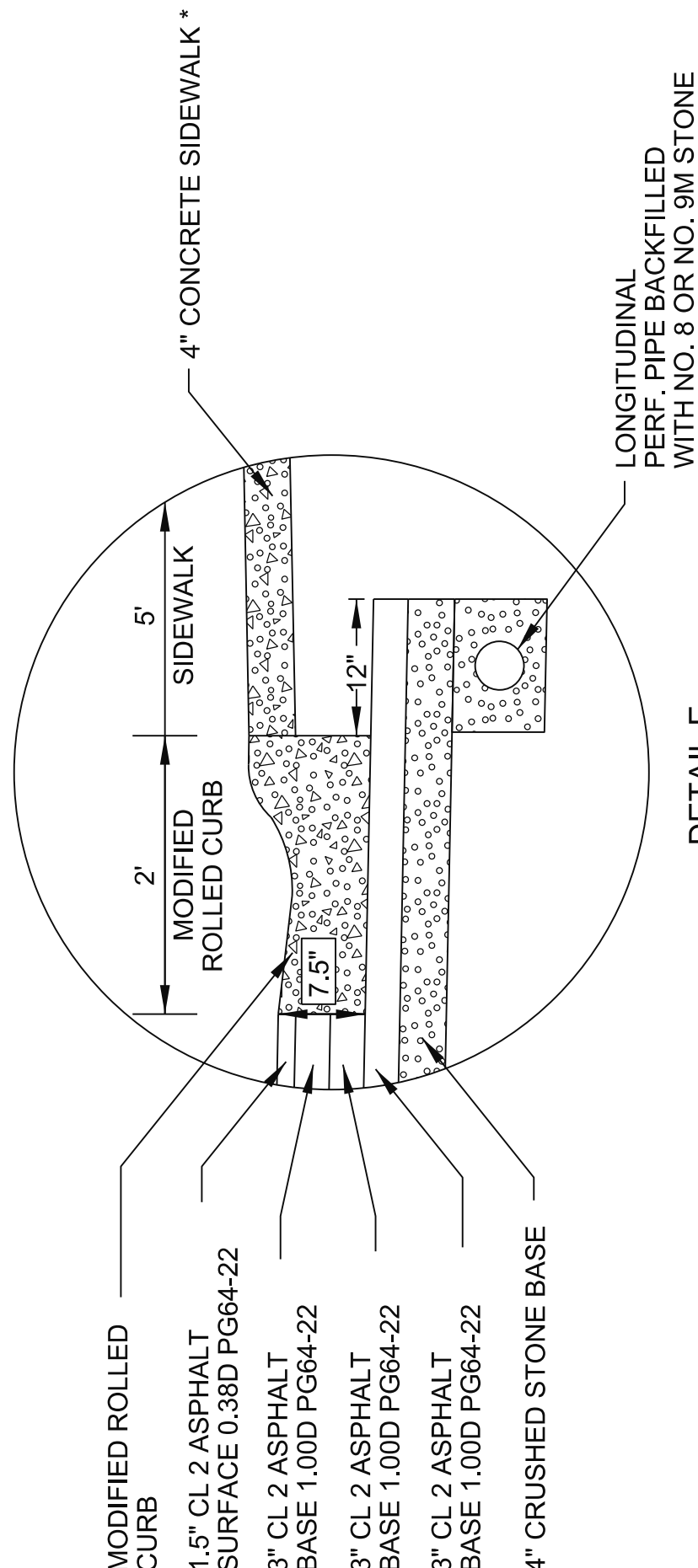
ASPHALT MATERIAL FOR TACK 0.84 LB/SY

* DESIGN CHANGE

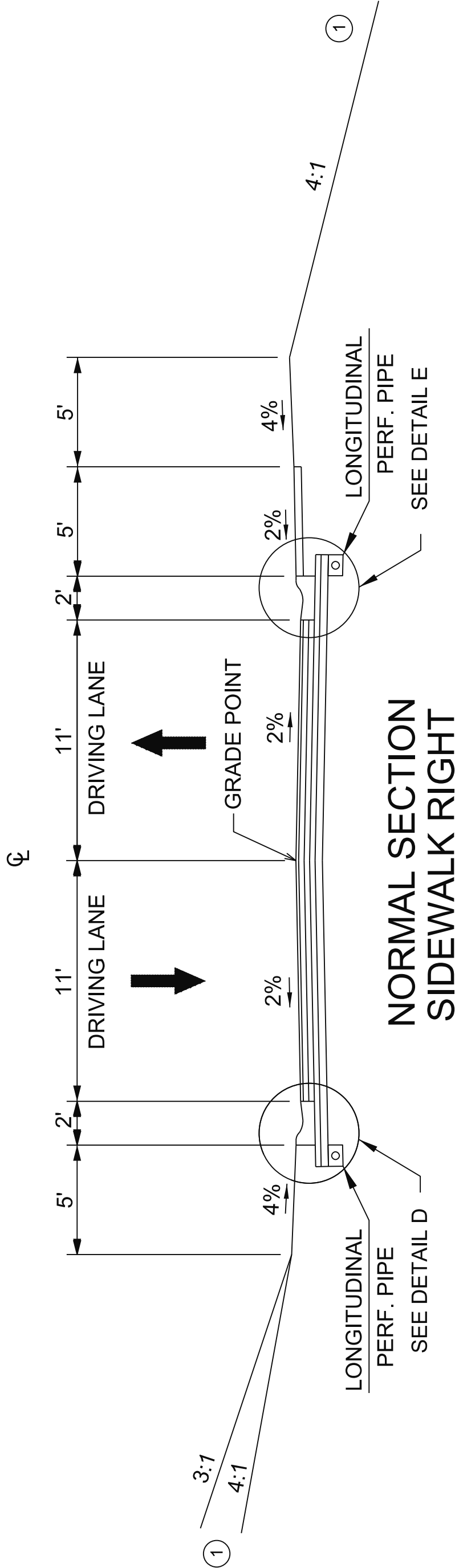
THE CROSS SECTIONS FOR THIS PROJECT WERE DEVELOPED FOR A SIDEWALK THICKNESS OF 8". THE SIDEWALK DESIGN WAS LATER REVISED TO 4". THE TYPICAL SECTIONS WERE ADJUSTED TO REFLECT THIS CHANGE. HOWEVER, THE CROSS SECTIONS WERE NOT REVISED, AND IN THIS CASE, THE TYPICAL SECTIONS GOVERN OVER THE CROSS SECTIONS. EARTHWORK QUANTITIES ON THE CROSS SECTIONS REFLECT 8" SIDEWALK. MAKE FINAL PAYMENT ON ADJUSTED QUANTITIES.



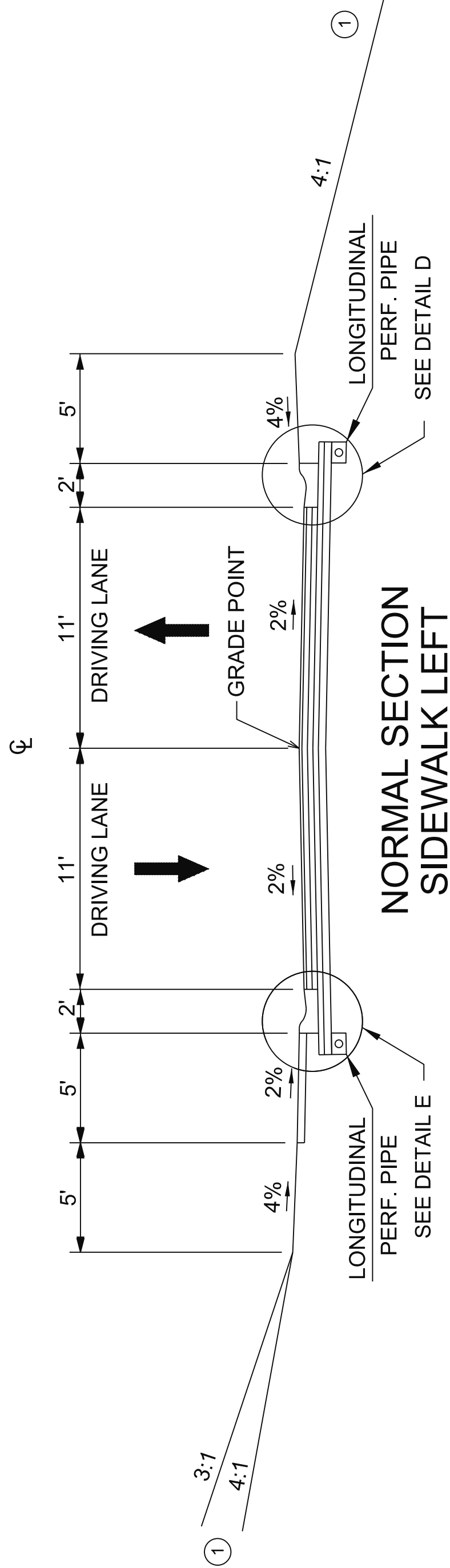
DETAIL D



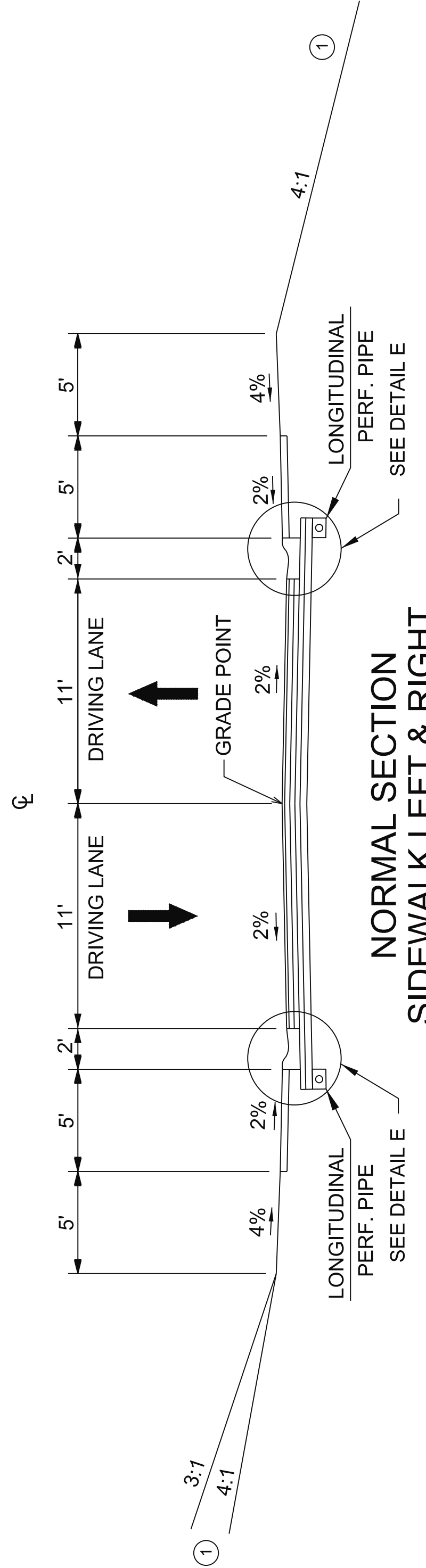
DETAIL E



NORMAL SECTION
SIDEWALK RIGHT



NORMAL SECTION
SIDEWALK LEFT



NORMAL SECTION
SIDEWALK LEFT & RIGHT

1 SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDER.



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

TEAM
KENTUCKY
TRANSPORTATION

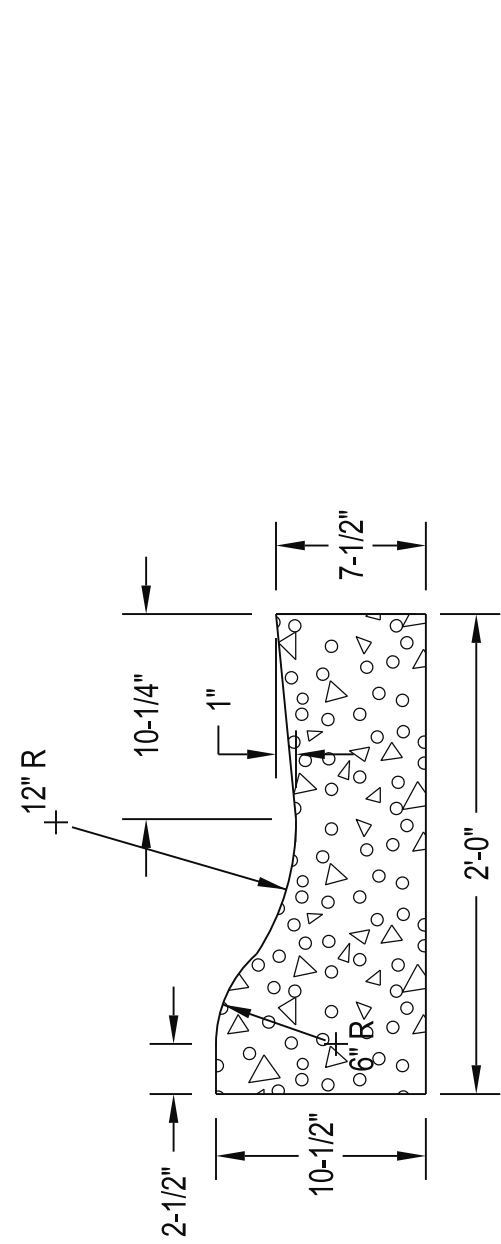
DRAWING TITLE: TYPICAL SECTIONS

ITEM NO. 12-163.00 COUNTY OF KNOTT
SHEET NO. R2C

TYPICAL SECTIONS

MAINLINE - RESIDENTIAL

REVISED: 8/12/26



DETAIL - MODIFIED ROLLED CURB

SURFACING SCHEDULE FOR MAINLINE URBAN

TRAFFIC LANES

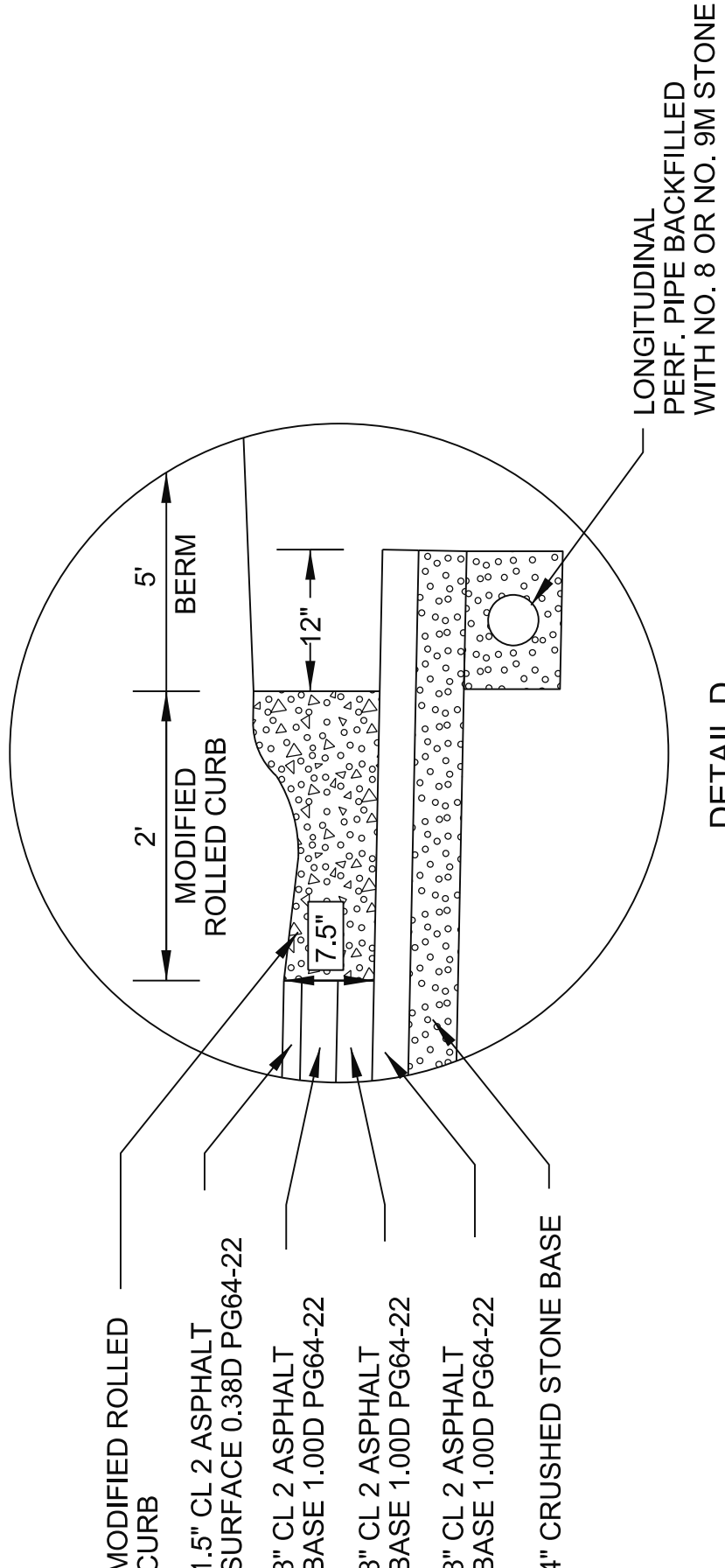
APPROX. 13' BASE	4" CRUSHED STONE BASE 3" CLASS 2 ASPHALT BASE 1.00D PG64-22 3" CLASS 2 ASPHALT BASE 1.00D PG64-22 3" CLASS 2 ASPHALT BASE 1.00D PG64-22
APPROX. 1.50' SURFACE	1.5" CLASS 2 ASPHALT SURFACE 0.38D PG64-22

ASPHALT MATERIAL FOR TACK REQUIRED BETWEEN ALL ASPHALT LAYERS AT AN APPLICATION RATE OF:

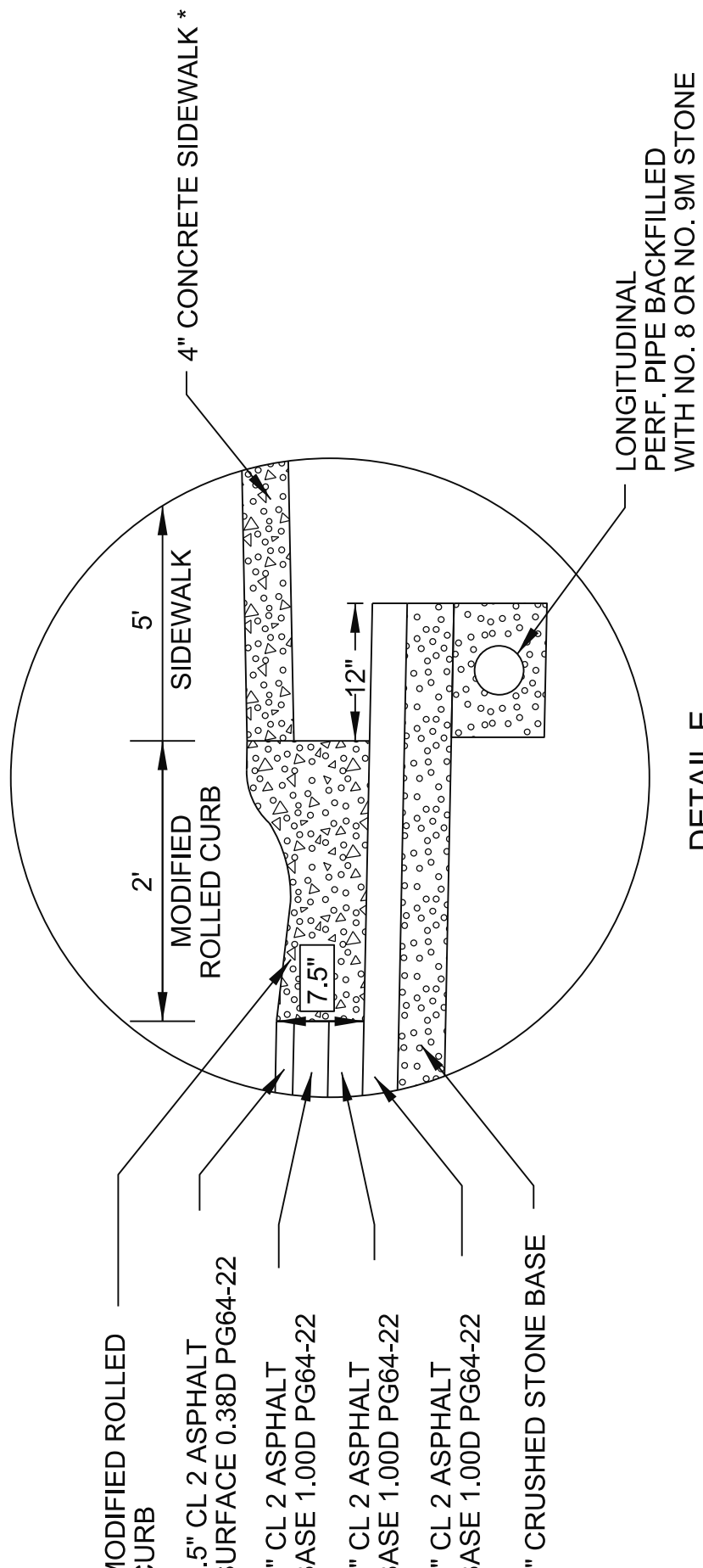
ASPHALT MATERIAL FOR TACK 0.84 LB/SY

* DESIGN CHANGE

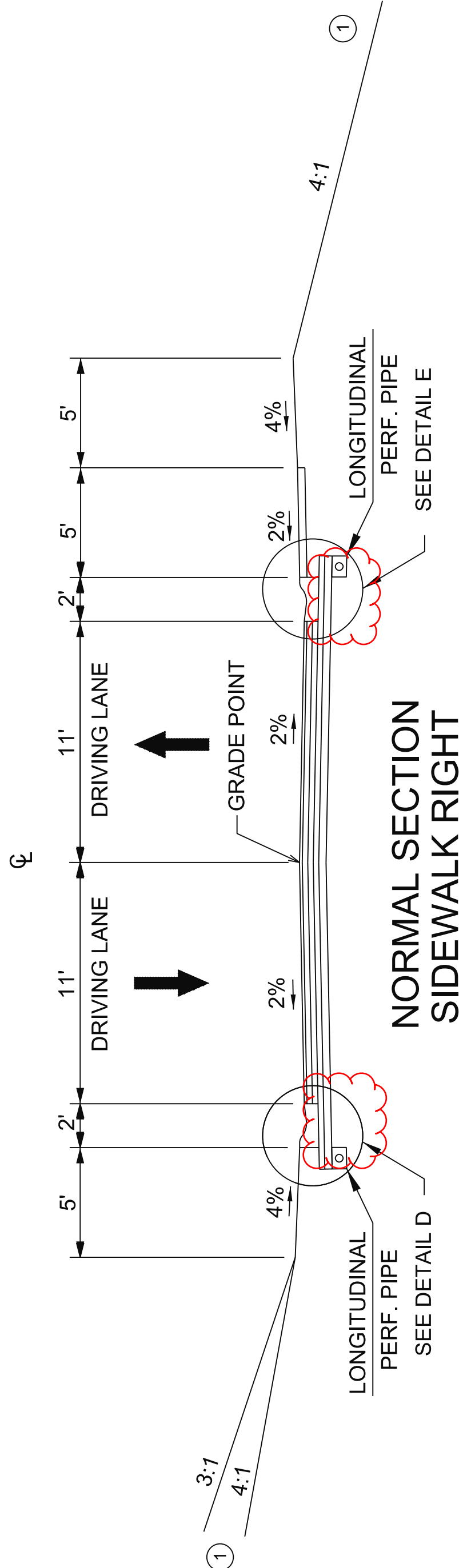
THE CROSS SECTIONS FOR THIS PROJECT WERE DEVELOPED FOR A SIDEWALK THICKNESS OF 8". THE SIDEWALK DESIGN WAS LATER REVISED TO 4". THE TYPICAL SECTIONS WERE ADJUSTED TO REFLECT THIS CHANGE. HOWEVER, THE CROSS SECTIONS WERE NOT REVISED, AND IN THIS CASE, THE TYPICAL SECTIONS GOVERN OVER THE CROSS SECTIONS. EARTHWORK QUANTITIES ON THE CROSS SECTIONS REFLECT 8" SIDEWALK. MAKE FINAL PAYMENT ON ADJUSTED QUANTITIES.



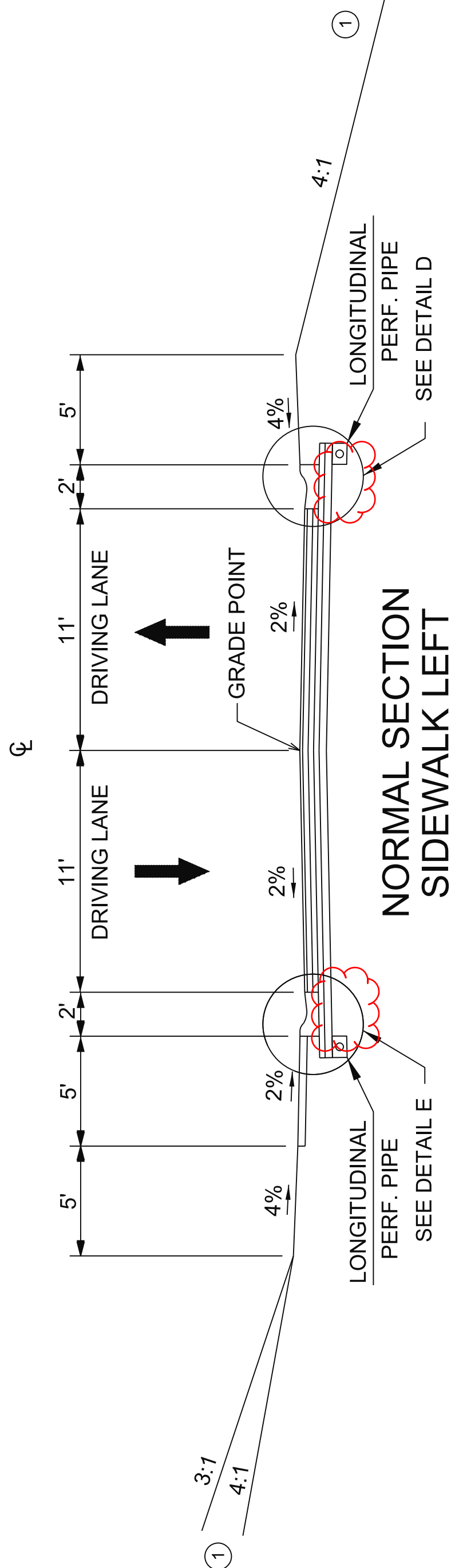
DETAIL D



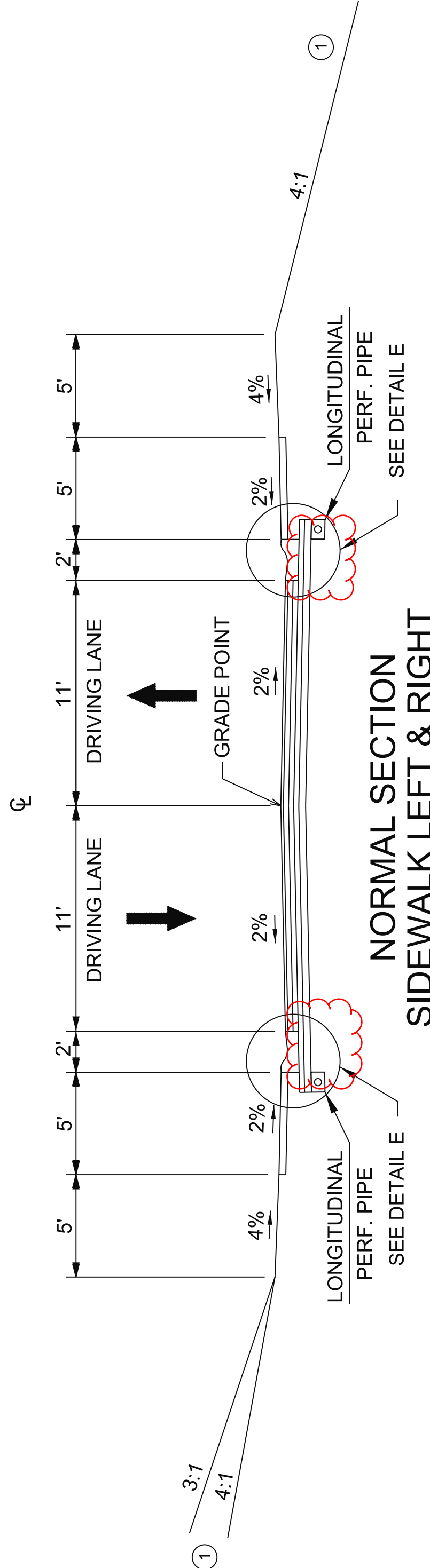
DETAIL E



NORMAL SECTION
SIDEWALK RIGHT



NORMAL SECTION
SIDEWALK LEFT



NORMAL SECTION
SIDEWALK LEFT & RIGHT

1 SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDER.



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

TEAM
KENTUCKY
TRANSPORTATION

DRAWING TITLE: TYPICAL SECTIONS

OpenRoads Designer v23.00.01.11

USER: gjordan

FILE NAME: G:\ENGR\HD1441.04 - OLIVE BRANCH\CORD CONVERSION\CAD\PLAN PRODUCTION\DETAILS\TYPICALS.DGN

ITEM NO. 12-163.00

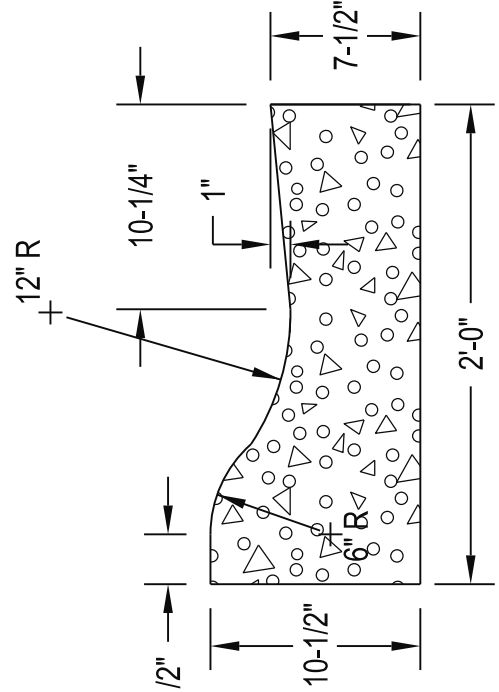
COUNTY OF KNOTT

SHEET NO.

R2C

TYPICAL SECTIONS

APPROACHES - RESIDENTIAL



DETAIL - MODIFIED ROLLED CURB

SURFACING SCHEDULE FOR MAINLINE URBAN

TRAFFIC LANES

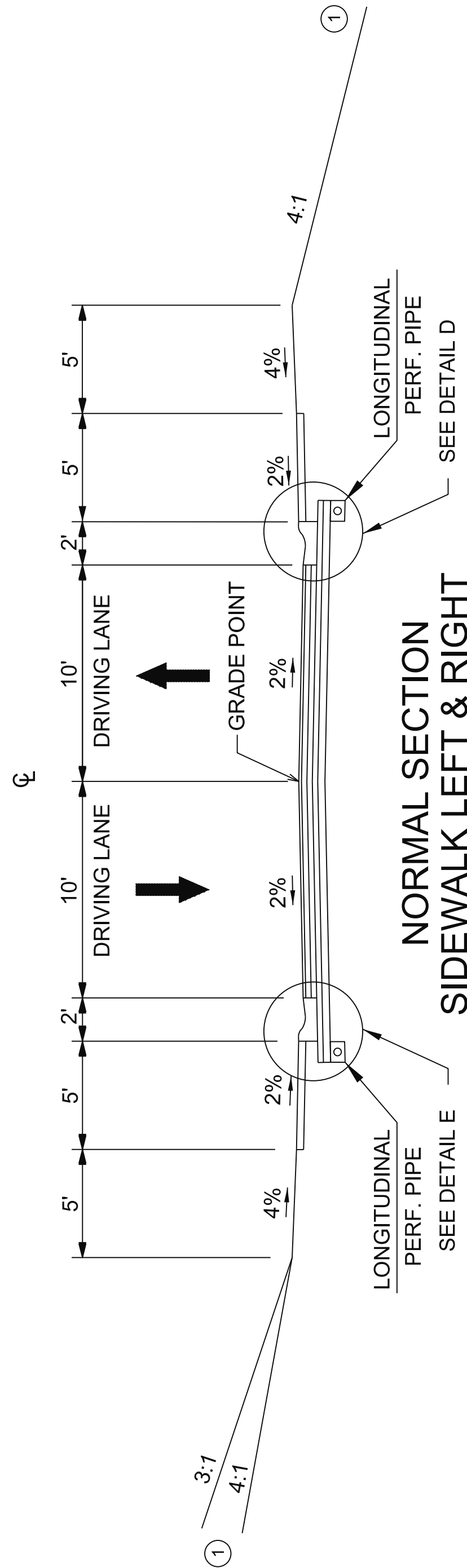
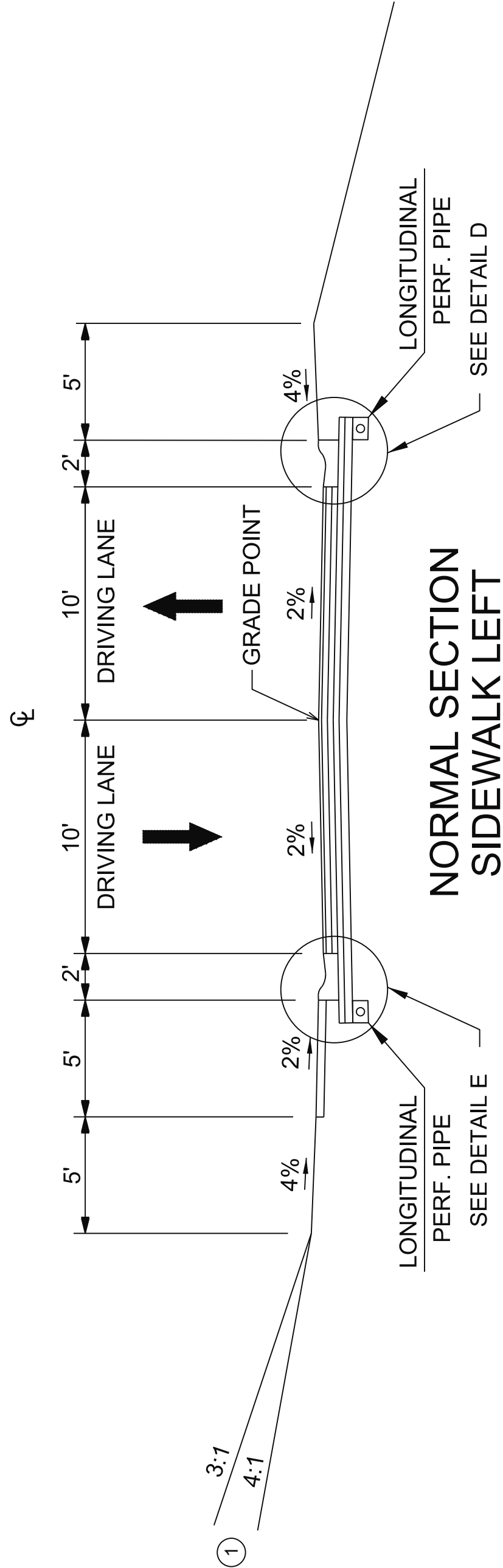
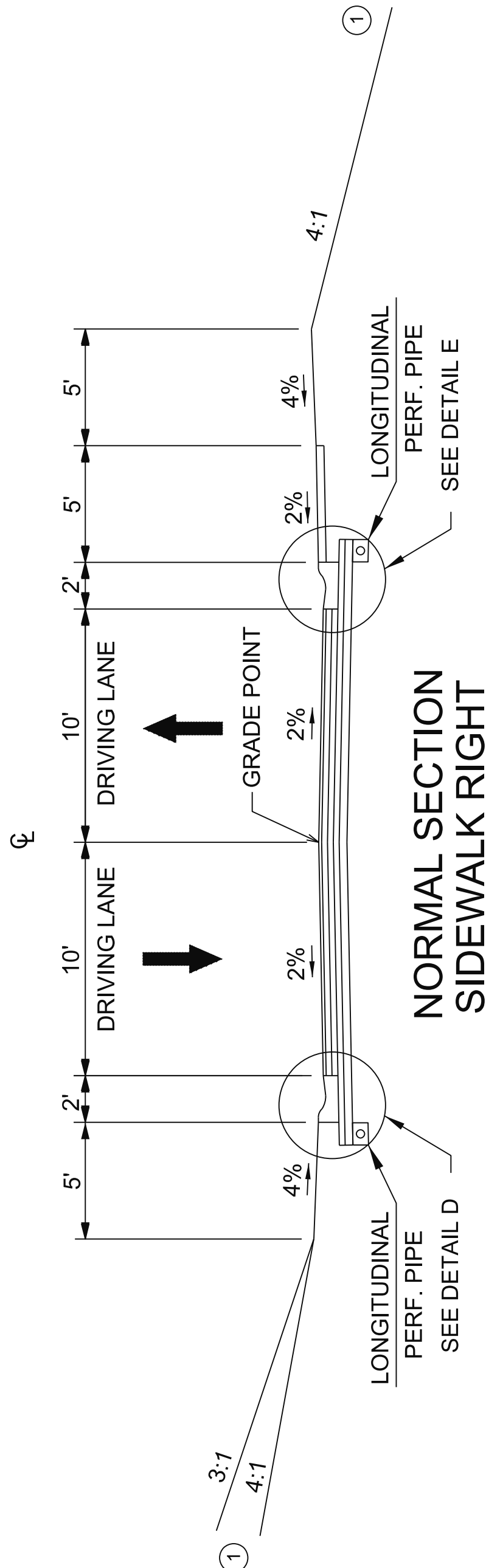
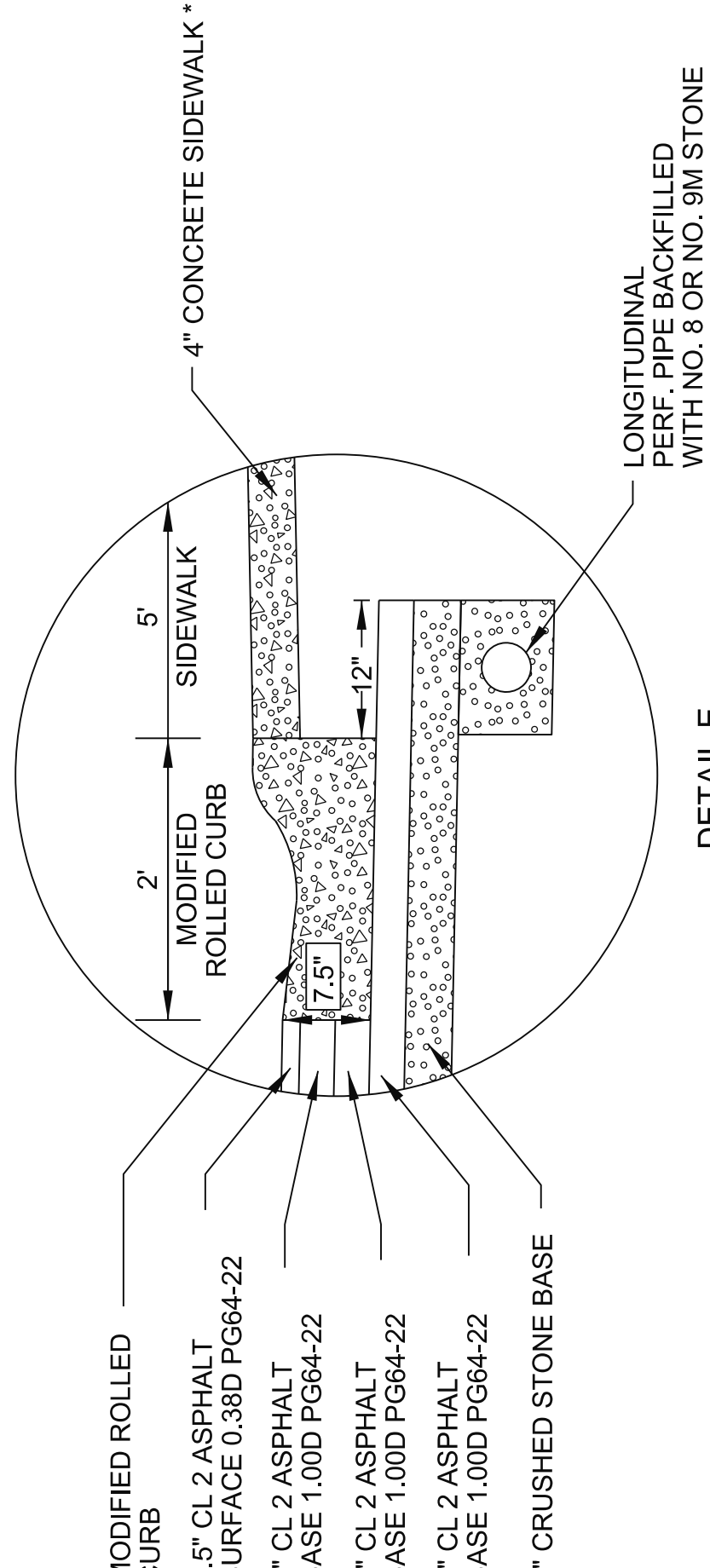
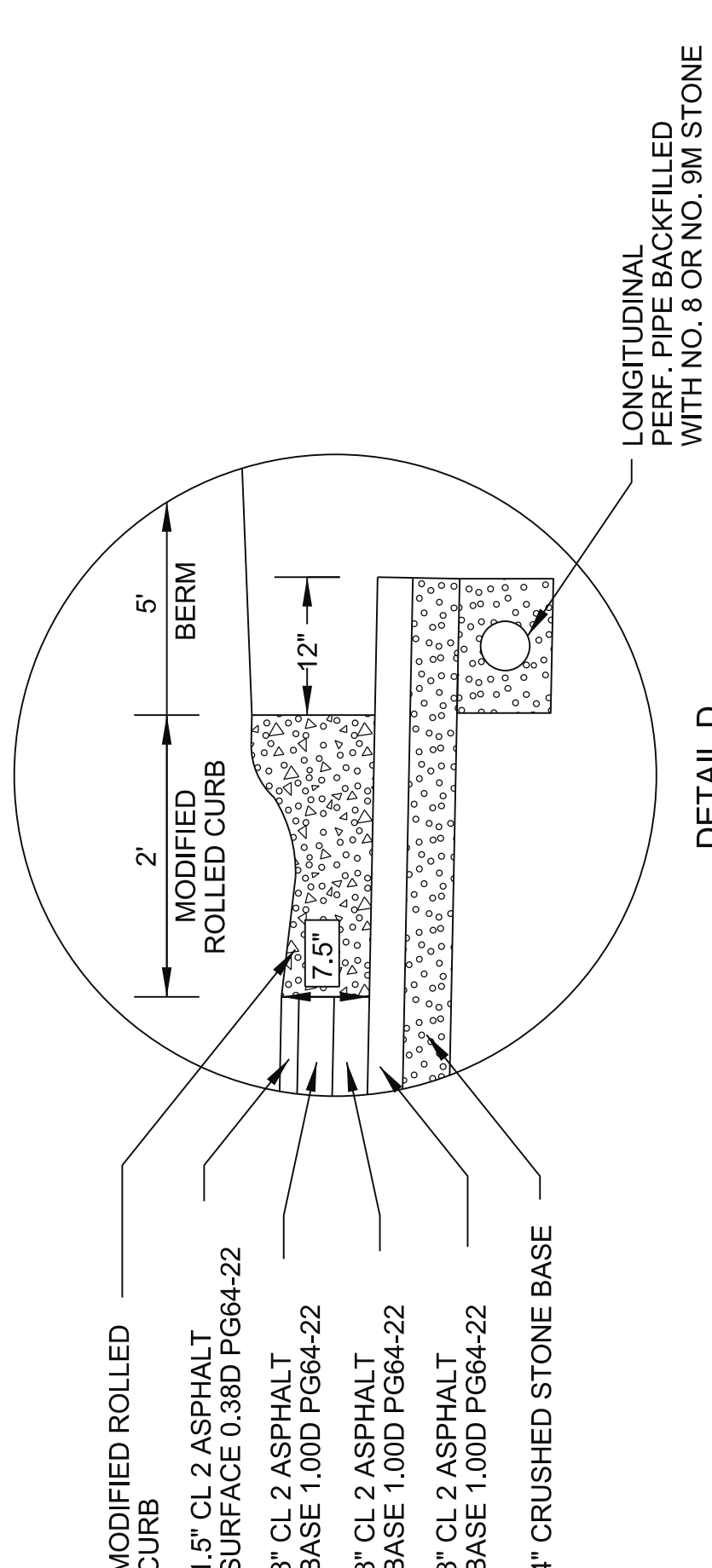
4" CRUSHED STONE BASE
3" CLASS 2 ASPHALT BASE 1,00D PG64-22
APPROX. 13" BASE
3" CLASS 2 ASPHALT BASE 1,00D PG64-22
3" CLASS 2 ASPHALT BASE 1,00D PG64-22
1.5" CLASS 2 ASPHALT SURFACE 0.38D PG64-22
APPROX. 150" SURFACE

ASPHALT MATERIAL FOR TACK REQUIRED BETWEEN ALL ASPHALT LAYERS AT
AN APPLICATION RATE OF:

ASPHALT MATERIAL FOR TACK 0.84 LB/SY

DESIGN CHANGE

THE CROSS SECTIONS FOR THIS PROJECT WERE DEVELOPED FOR A SIDEWALK "THICKNESS OF 8". THE SIDEWALK DESIGN WAS LATER REVISED TO 4". THE TYPICAL SECTIONS WERE ADJUSTED TO REFLECT THIS CHANGE. HOWEVER, THE CROSS SECTIONS WERE NOT REVISED, AND IN THIS CASE, THE TYPICAL SECTIONS GOVERN OVER THE CROSS SECTIONS. THE WORKING QUANTITIES ON THE CROSS SECTIONS REFLECT 8" SIDEWALK. MAKE FINAL PAYMENT ON ADJUSTED QUANTITIES.



① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDER.

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	MAINLINE (STARFIRE HAULRD)	APPR RT STA. 10+11.83	APPR LT & RT STA. 33+18	APPR LT STA. 69+45	RFS MAINLINE	RES LEG 1	RES LOOP	RES LOOP SPUR	ENTRANCES						PROJECT TOTALS
00078	CRUSHED AGGREGATE SIZE NO 2	TON	3														2,303
01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	EACH	45	2	6												53
02014	BARRICADE-TYPE III	EACH	3														3
02159	TEMP DITCH	LF	3,600				4,000										7,600
02160	CLEAN TEMP DITCH	LF	1,800				2,000										3,800
02200	ROADWAY EXCAVATION	CUYD	108,021	298	180	4,660	27,504	3,633	11,636	450	474						574,132
02242	WATER	MGAL	70				95										165
02273	FENCE-4 FT CHAIN LINK	LF					1,014										1,014
02286	SINGLE VEHICULAR CHAIN LINK GATE (13' WIDE GATE)	EACH					1										1
02351	GUARDRAIL-STEEL W BEAM-S FACE	LF	2,687.5	100	212.5												3,000
02360	GUARDRAIL TERMINAL SECTION NO 1	EACH	3	1													4
02367	GUARDRAIL END TREATMENT TYPE 1	EACH	6		2												8
02483	CHANNEL LINING CLASS II	TON	481														1,820
02484	CHANNEL LINING CLASS III	TON	7,701		54												10,133
02545	CLEARING AND GRUBBING	LS	1														1
02555	CONCRETE-CLASS B	CUYD					10.73										10.73
02562	TEMPORARY SIGNS	SQFT	500														500
02568	MOBILIZATION	LS	1														1
02569	DEMOBILIZATION	LS	1														1
02585	EDGE KEY	LF			44												44
02587	HOOK BOLT WITH EXPAN ANCHOR	EACH		95													95
02602	FABRIC-GEOTEXTILE CLASS 1	SQYD	8,467		54												15,875
02604	FABRIC-GEOTEXTILE CLASS 1A	SQYD															2,700
02650	MAINTAIN & CONTROL TRAFFIC	LS	1														1
02701	TEMP SILT FENCE	LF	3,600				4,000										7,600
02703	SILT TRAP TYPE A	EACH	48				68										116
02704	SILT TRAP TYPE B	EACH	48				68										116
02705	SILT TRAP TYPE C	EACH	48				68										116
02706	CLEAN SILT TRAP TYPE A	EACH	48				68										116
02707	CLEAN SILT TRAP TYPE B	EACH	48				68										116
02708	CLEAN SILT TRAP TYPE C	EACH	48				68										116
02720	SIDEWALK-4 IN CONCRETE	SQYD	129			153	4,773	935	1,210	212							7,412
02726	STAKING	LS	1														1
02775	ARROW PANEL	EACH		1													1
03385	PVC PIPE-6 IN	LF					490	170	330	30							1,020
05950	EROSION CONTROL BLANKET	SQYD	77,339		197		70,341										150,949
05952	TEMP MULCH	SQYD	153,400				217,900										371,300
05953	TEMP SEEDING AND PROTECTION	SQYD	115,100				163,400										278,500
05963	INITIAL FERTILIZER	TON	12				17										29
05964	MAINTENANCE FERTILIZER	TON	8				11										19
05985	SEEDING AND PROTECTION	SQYD	230,100				326,800										556,900
05992	AGRICULTURAL LIMESTONE	TON	143				203										346
10020NS	FUEL ADJUSTMENT	DOLL	113,572														113,572
10030NS	ASPHALT ADJUSTMENT	DOLL	113,044														113,044
20191ED	OBJECT MARKER TY 3	EACH	6		2												8
20430ED	SAW CUT	LF		495													495
23158ES05	DETECTABLE WARNINGS	SQFT					106		32								138
24378EC	ROLL CURB MODIFIED	LF				321	8,468	1,593	4,068	357							14,807
24540	R/W MONUMENT TYPE 3	EACH	69														69
24801EC	IMPERMEABLE DETENTION BASIN LINING	SQYD					4,152										4,152
24845EC	UTILITY COORDINATION	LS	1														1
26204EC	PGR GROUT	CUYD	316														350.4
02731	REMOVE STRUCTURE	LS	1														1

- ①
- TO BE USED AS DIRECTED BY THE ENGINEER
500 TONS ADDED AS CONTINGENCY FOR
BUILDING PAD REMOVAL. INCL. 1,800 TONS
TO BE USED AS DIRECTED BY THE ENGINEER
IF UNSUITABLE MATERIAL IS ENCOUNTERED.
INCL. 417,276 CY CARRIED OVER FROM SHEET G7
- ②
- FOR DUST CONTROL WHILE MAINTAINING
TRAFFIC.
INCL. 7,701 TONS FOR DITCHES.
INCL. 2,090 TONS CARRIED OVER FROM SHEET G13
INCL. 228 TONS CARRIED OVER FROM PIPE SUM.
APPROX. 89.8 ACRES.
- ③
- 1,000 SY FOR CONTINGENCY FOR RESIDENTIAL.
INCL. 2,600 SY IF UNSUITABLE MATERIAL IS
ENCOUNTERED. INCL. 11,884 SY FOR DITCHES.
INCL. 391 SY CARRIED OVER FROM PIPE SUM.
EROSION CONTROL QUANTITIES ARE BASED ON
THE PROBABLE AMOUNT OF EROSION CONTROL
FEATURES AS ESTIMATED BY THE DESIGNER.
73,352 SY FOR MAINLINE SLOPE PROTECTION.
3,072 SY CARRIED FROM SHEET G13
4,184 SY FOR MAINLINE DITCHES.
70,341 SY FOR RESIDENTIAL SLOPES.
- ④
- INCL. 10.4 CY CARRIED OVER FROM PIPE SUM.
INCL. 24 CY CARRIED OVER FROM SHEET G13
INCL. 66 TONS CARRIED OVER FROM PIPE SUM.
INCL. 1,273 TONS CARRIED OVER FROM SHEET G13
TO BE USED AS DIRECTED BY THE ENGINEER IF
UNSUITABLE MATERIAL IS ENCOUNTERED.
- ⑤
- ⑥
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EARTHWORK QUANTITIES	
EXCAVATION QUANTITY	
COMMON:	133,030 CUYD
ROCK:	15,083 CUYD
EMB. BENCH:	7,687 CUYD
REFILL:	582 CUYD
ENTR. EXC.:	474 CUYD
RES. - SITE GRADING EXC.:	235,563 CUYD
BUILDING PAD UNDERCUT:	119,231 CUYD
SHADED BLDG PAD UNDERCUT:	34,252 CUYD
RES. - EMB. BENCH.:	28,230 CUYD
TOTAL EXCAVATION:	574,132 CUYD
EMBANKMENT QUANTITY	
EMBANKMENT:	26,783 CUYD
EMB. BENCH:	7,687 CUYD
REFILL:	582 CUYD
ENTR. EMB.:	418 CUYD
RES. - SITE GRADING EMB.:	175,092 CUYD
BUILDING PAD UNDERCUT:	119,231 CUYD
SHADED BLDG PAD UNDERCUT:	34,252 CUYD
RES. - EMB. BENCH:	28,230 CUYD
TOTAL EMBANKMENT:	392,275 CUYD
ESTIMATE FOR EARTHWORK CALCULATIONS FOR DESIGN ONLY. THE CONTRACTOR IS ADVISED THAT THE EARTHWORK CALCULATIONS SHOWN ARE FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE & SWELL FACTORS ARE THE CONTRACTORS RESPONSIBILITY.	

NOTES:
TO BE USED AS DIRECTED BY THE ENGINEER
500 TONS ADDED AS CONTINGENCY FOR
BUILDING PAD REMOVAL. INCL. 1,800 TONS
TO BE USED AS DIRECTED BY THE ENGINEER
IF UNSUITABLE MATERIAL IS ENCOUNTERED.
INCL. 417,276 CY CARRIED OVER FROM SHEET G7

GENERAL SUMMARY

REVISED: 8/12/26

ITEM	DESCRIPTION	UNIT	MAINLINE (STARFIRE HAULRD)	APPR RT STA. 10+11.83	APPR LT & RT STA. 33+18	APPR LT STA. 69+45	RFS MAINLINE	RES LEG 1	RES LOOP	RES LOOP SPUR	ENTRANCES						PROJECT TOTALS
00078	CRUSHED AGGREGATE SIZE NO 2	TON	3														2,303
01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	EACH	45	2	6												53
02014	BARRICADE-TYPE III	EACH	3														3
02159	TEMP DITCH	LF	3,600				4,000										7,600
02160	CLEAN TEMP DITCH	LF	1,800				2,000										3,800
02200	ROADWAY EXCAVATION	CUYD	108,021	298	180	4,660	27,504	3,633	11,636	450	474						574,132
02242	WATER	MGAL	70				95										165
02273	FENCE-4 FT CHAIN LINK	LF					1,014										1,014
02286	SINGLE VEHICULAR CHAIN LINK GATE (13' WIDE GATE)	EACH					1										1
02351	GUARDRAIL-STEEL W BEAM-S FACE	LF	2,687.5	100	212.5												3,000
02360	GUARDRAIL TERMINAL SECTION NO 1	EACH	3	1													4
02367	GUARDRAIL END TREATMENT TYPE 1	EACH	6		2												8
02483	CHANNEL LINING CLASS II	TON	481														1,820
02484	CHANNEL LINING CLASS III	TON	7,701		54												10,133
02545	CLEARING-AND GRUBBING	LS	1														1
02555	CONCRETE CLASS B	CUYD					10.73										10.73
02562	TEMPORARY SIGNS	SOFT	500														500
02568	MOBILIZATION	LS	1														1
02569	DEMOBILIZATION	LS	1														1
02585	EDGE KEY	LF			44												44
02587	HOOK-BOLT-WITH-EXPAN-ANCHOR	EACH		95													95
02602	FABRIC-GEOTEXTILE CLASS 1	SQYD	8,467		54												15,875
02604	FABRIC-GEOTEXTILE CLASS 1A	SQYD															2,700
02650	MAINTAIN & CONTROL TRAFFIC	LS	1														1
02701	TEMP SILT FENCE	LF	3,600				4,000										7,600
02703	SILT TRAP TYPE A	EACH	48				68										116
02704	SILT TRAP TYPE B	EACH	48				68										116
02705	SILT TRAP TYPE C	EACH	48				68										116
02706	CLEAN SILT TRAP TYPE A	EACH	48				68										116
02707	CLEAN SILT TRAP TYPE B	EACH	48				68										116
02708	CLEAN SILT TRAP TYPE C	EACH	48				68										116
02720	SIDEWALK-4 IN CONCRETE	SQYD	129			153	4,773	935	1,210	212							7,412
02726	STAKING	LS	1														1
02775	ARROW PANEL	EACH		1													1
03385	PVC PIPE-6 IN	LF					490	170	330	30							1,020
05950	EROSION CONTROL BLANKET	SQYD	77,339		197		70,341										150,949
05952	TEMP MULCH	SQYD	153,400				217,900										371,300
05953	TEMP SEEDING AND PROTECTION	SQYD	115,100				163,400										278,500
05963	INITIAL FERTILIZER	TON	12				17										29
05964	MAINTENANCE FERTILIZER	TON	8				11										19
05985	SEEDING AND PROTECTION	SQYD	230,100				326,800										556,900
05992	AGRICULTURAL LIMESTONE	TON	143				203										346
10020NS	FUEL ADJUSTMENT	DOLL	113,572														113,572
10030NS	ASPHALT ADJUSTMENT	DOLL	113,044														113,044
20191ED	OBJECT MARKER TY 3	EACH	6		2												8
20430ED	SAW CUT	LF		495													495
23158ES05	DETECTABLE WARNINGS	SOFT					106		32								138
24378EC	ROLL CURB MODIFIED	LF				321	8,468	1,593	4,068	357							14,807
24540	R/W MONUMENT TYPE 3	EACH	69														69
24801EC	IMPERMEABLE DETENTION BASIN LINING	SQYD					4,152										4,152
24845FC	UTILITY COORDINATION	LS	1														1
26204EC	PGR GROUT	CUYD	316														350.4
02731	REMOVE STRUCTURE	LS	1														1

NOTES:

① TO BE USED AS DIRECTED BY THE ENGINEER
500 TONS ADDED AS CONTINGENCY FOR
BUILDING PAD REMOVAL. INCL. 1,800 TONS
TO BE USED AS DIRECTED BY THE ENGINEER
IF UNSUITABLE MATERIAL IS ENCOUNTERED.

② INCL. 417,276 CY CARRIED OVER FROM SHEET G7

④ FOR DUST CONTROL WHILE MAINTAINING
TRAFFIC.

⑤ INCL. 7,701 TONS FOR DITCHES.
INCL. 2,090 TONS CARRIED OVER FROM SHEET G13
INCL. 228 TONS CARRIED OVER FROM PIPE SUM.

⑥ APPROX. 89.8 ACRES.

⑦ 1,000 SY FOR CONTINGENCY FOR RESIDENTIAL.
INCL. 2,600 SY IF UNSUITABLE MATERIAL IS
ENCOUNTERED. INCL. 11,884 SY FOR DITCHES.
INCL. 391 SY CARRIED OVER FROM PIPE SUM.

⑨ EROSION CONTROL QUANTITIES ARE BASED ON
THE PROBABLE AMOUNT OF EROSION CONTROL
FEATURES AS ESTIMATED BY THE DESIGNER.
73,352 SY FOR MAINLINE SLOPE PROTECTION.
3,072 SY CARRIED FROM SHEET G13
4,184 SY FOR MAINLINE DITCHES.

⑥ 70,341 SY FOR RESIDENTIAL SLOPES.
INCL. 10'4 CY CARRIED OVER FROM PIPE SUM.

INCL. 24 CY CARRIED OVER FROM SHEET G13

⑨ INCL. 66 TONS CARRIED OVER FROM PIPE SUM.

⑩ INCL. 1,273 TONS CARRIED OVER FROM SHEET G13
TO BE USED AS DIRECTED BY THE ENGINEER IF
UNSUITABLE MATERIAL IS ENCOUNTERED.

EARTHWORK QUANTITIES

EXCAVATION QUANTITY
COMMON: 133,030 CUYD
ROCK: 15,083 CUYD
EMB. BENCH: 7,687 CUYD
REFILL: 582 CUYD
ENTR. EXC.: 474 CUYD
RES. - SITE GRADING EXC.: 235,563 CUYD
BUILDING PAD UNDERCUT: 119,231 CUYD
SHADED BLDG PAD UNDERCUT: 34,252 CUYD
RES. - EMB. BENCH.: 28,230 CUYD

TOTAL EXCAVATION: 574,132 CUYD
EMBANKMENT QUANTITY
EMBANKMENT: 26,783 CUYD
EMB. BENCH: 7,687 CUYD
REFILL: 582 CUYD
ENTR. EMB.: 418 CUYD
RES. - SITE GRADING EMB.: 175,092 CUYD
BUILDING PAD UNDERCUT: 119,231 CUYD
SHADED BLDG PAD UNDERCUT: 34,252 CUYD
RES. - EMB. BENCH: 28,230 CUYD

ESTIMATE FOR EARTHWORK CALCULATIONS
FOR DESIGN ONLY. THE CONTRACTOR IS ADVISED
THAT THE EARTHWORK CALCULATIONS SHOWN
ARE FOR INFORMATION ONLY. ASSUMPTIONS
FOR SHRINKAGE & SWELL FACTORS ARE THE
CONTRACTORS RESPONSIBILITY.



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



DRAWING TITLE: GENERAL SUMMARY

GENERAL NOTES

PROPOSAL ATTACHMENTS

SPECIAL NOTE 11D ROCK BLASTING
SPECIAL NOTE FOR IMPERMEABLE DETENTION POND BASIN LINING
SPECIAL NOTE FOR PARTIALLY GROUTED RIPRAP
SPECIAL NOTE FOR GENERAL UTILITY COORDINATION
SPECIAL NOTE FOR CONTRACTOR UTILITY COORDINATION
SPECIAL NOTE FOR FIXED COMPLETION DATE AND LIQUIDATED DAMAGES
SPECIAL NOTE FOR GEOGRID PLACEMENT FOR SUBGRADE
SPECIAL NOTE FOR ELECTRONIC DELIVERY MANAGEMENT SYSTEM (ASPHALT)
SPECIAL NOTE FOR ELECTRONIC DELIVERY MANAGEMENT SYSTEM (AGG)

160. N.G.S. (U.S.G.S.) BENCH MARKS

DO NOT DISTURB N.G.S. (U.S.G.S.) BENCH MARKS IN ANY MANNER UNLESS DIRECTED BY THE ENGINEER.

165. BEFORE YOU DIG

THE CONTRACTOR IS INSTRUCTED TO CALL 1-800-752-6007 TO REACH KY 811, THE ONE-CALL SYSTEM FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES. THE CALL IS TO BE PLACED A MINIMUM OF TWO (2) AND NO MORE THAN TEN (10) BUSINESS DAYS PRIOR TO EXCAVATION. THE CONTRACTOR SHOULD BE AWARE THAT OWNERS OF UNDERGROUND FACILITIES ARE NOT REQUIRED TO BE MEMBERS OF THE KY 811 ONE-CALL BEFORE-UDIG (BUD) SERVICE. THE CONTRACTOR MUST COORDINATE EXCAVATION WITH THE UTILITY OWNERS, INCLUDING THOSE WHOM DO NOT SUBSCRIBE TO KY 811. IT MAY BE NECESSARY FOR THE CONTRACTOR TO CONTACT THE COUNTY COURT CLERK TO DETERMINE WHAT UTILITY COMPANIES HAVE FACILITIES IN THE AREA.

190. DEPARTMENT OF THE ARMY PERMIT AND WATER QUALITY CERTIFICATION APPROVALS

A DEPARTMENT OF THE ARMY (DA) PERMIT, WHICH MAY REQUIRE APPROVAL OF A STATE WATER QUALITY CERTIFICATION FROM THE KENTUCKY DIVISION OF WATER, REGULATES THIS PROJECT AT ONE OR MORE LOCATIONS. PERFORM ALL APPLICABLE WORK IN COMPLIANCE WITH THE CONDITIONS STATED IN THE DA PERMIT AND THE APPROVED WATER QUALITY CERTIFICATION. POST A COPY OF THE DA PERMIT AND THE WATER QUALITY CERTIFICATION IN A CONSPICUOUS PLACE AT THE PROJECT SITE. IF A DA PERMIT OR WATER QUALITY CERTIFICATION APPROVAL IS PENDING, DO NOT WORK IN OR DISTURB THE DESIGNATED AREA(S) UNTIL OBTAINING THE APPROPRIATE APPROVAL(S). REFER TO NOTICE(S) CONTAINED IN THE CONTRACT BID PROPOSAL FOR DESIGNATED AREA(S) WHERE WORK IS PROHIBITED BY THE ABSENCE OF APPROVAL.

429. WINTER CLOSEDOWN

ANY ASPHALT CONCRETE BASE AND/OR SURFACE COURSE USED AS A RIDING SURFACE EXPOSED TO TRAFFIC DURING WINTER CLOSEDOWN PERIODS SHALL CONTAIN NATURAL CONGLOMERATE, CRUSHED SLAG, CRUSHED GRANITE OR CRUSHED SANDSTONE SAND IN THE PROPORTION OF NO LESS THAN 25% OF THE TOTAL COMBINED COARSE AND FINE AGGREGATE.

444. ASPHALT PAVEMENT RIDE QUALITY

PAVEMENT RIDEABILITY REQUIREMENTS, IN ACCORDANCE WITH SECTION 410 OF THE CURRENT STANDARD SPECIFICATIONS, CATEGORY 'B' SHALL APPLY ON THIS PROJECT.

447. COMPACTION OF ASPHALT MIXTURES

WILL ACCEPT THE COMPACTION OF ASPHALT MIXTURES FURNISHED FOR DRIVING LANES AND RAMPS AT ONE INCH (25 MM) OR GREATER ON THIS PROJECT BY OPTION A ACCORDING TO SUBSECTIONS 402 AND 403 OF THE CURRENT STANDARD SPECIFICATIONS. USE JOINT CORES AS DESCRIBED IN SUBSECTION 402.03.02 FOR SURFACE MIXTURES ONLY. WILL ACCEPT THE COMPACTION OF ALL OTHER ASPHALT MIXTURES BY OPTION B.

455. EDGE KEY

THIS WORK INCLUDES CUTTING OUT THE EXISTING ASPHALT SURFACE TO A MINIMUM DEPTH AND WIDTH AS DETAILED ELSEWHERE IN THE PLANS SO THAT THE NEW SURFACE MAY HEEL INTO THE EXISTING SURFACE. THE CONTRACT UNIT PRICE BID LINEAR FOOT FOR "EDGE KEY" INCLUDES ALL NECESSARY MATERIALS, LABOR AND EQUIPMENT NECESSARY TO PERFORM THE WORK AND DISPOSE OF THE REMOVED ASPHALT MATERIAL.

650. STANDARD DRAWINGS

STANDARD DRAWINGS ARE NOT ATTACHED TO THESE PLANS. A STANDARD DRAWING BOOK AND THE HEADWALL SUPPLEMENTAL BOOK MAY BE OBTAINED FROM THE POLICY SUPPORT BRANCH OF THE DEPARTMENT OF ADMINISTRATIVE SERVICES IN FRANKFORT, KY, AT (502) 564-3670

TYPICAL SECTION

DIMENSIONS SHOWN ON THE TYPICAL SECTIONS FOR PAVEMENT WIDTH AND THICKNESS ARE NOMINAL OR TYPICAL DIMENSIONS. THE ACTUAL DIMENSIONS TO BE CONSTRUCTED MAY BE VARIED TO FIT EXISTING CONDITIONS AS DIRECTED OR APPROVED BY THE ENGINEER.

REFILL

THE EARTHWORK QUANTITY ITEM "REFILL" INDICATED ON SHEET R2g IS THE ESTIMATED QUANTITY TO CONSTRUCT REFILL. ALL LABOR AND MATERIALS REQUIRED TO COMPLETE THE WORK SHALL BE INCIDENTAL TO THE CONTRACT BID ITEM "ROADWAY EXCAVATION".

TREE CUTTING RESTRICTIONS

THE CONTRACTOR MUST COMPLY WITH TREE CLEARING SCHEDULES APPROVED FOR THIS PROJECT. SEE SPECIAL NOTE FOR TREE REMOVAL. CLEARING WILL BE RESTRICTED AS FOLLOWS: NO CLEARING OF TREES 5 INCHES OR GREATER (DIAMETER BREAST HEIGHT) FROM MAY 15 - JULY 31.

CEARING & GRUBBING

THE LIMITS OF CLEARING & GRUBBING FOR THE ACCESS ROAD ("MAINLINE") EXTEND TO THE EXISTING RIGHT OF WAY LINE. PROPOSED RIGHT OF WAY LINE, AND TEMPORARY OR PERMANENT EASEMENT LINE, WHICHEVER IS GREATER, THE LIMITS OF CLEARING & GRUBBING FOR ALL OTHER ALIGNMENTS EXTEND TO THE DISTURB LIMITS.

THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CLEARING TREES AROUND THE AT&T LINES AND POLES. ANY DAMAGES TO THE AT&T LINES AND POLES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

GUARDRAIL

THE CONTRACTOR SHALL DELIVER EXISTING SALVAGED GUARDRAIL SYSTEM MATERIALS TO THE CENTRAL SIGN SHOP AND RECYCLE CENTER AT 1224 WILKINSON BLVD. IN FRANKFORT, KY. CONTACT SECTION SUPERVISOR AT (502) 564-8187 TO SCHEDULE DELIVERY OF MATERIAL. DELIVER THE MATERIAL BETWEEN THE HOURS OF 8 AM AND 3 PM, MONDAY-FRIDAY.

SAW CUTS

VARIABLE DEPTH SAW CUTS SHALL BE CONSTRUCTED AT THE LOCATIONS INDICATED IN THE TYPICAL SECTIONS. ALL LABOR, MATERIALS, AND INCIDENTALS TO THIS ITEM OF WORK IS CONSIDERED INCIDENTAL TO "ASPHALT MILLING AND TEXTURING". SAW CUTTING IS NOT REQUIRED WHERE LONGITUDINAL EDGE KEYS ARE TO BE CONSTRUCTED.

PIPE & FENCE REMOVAL

REMOVAL OF ALL EXISTING PIPES, HEADWALLS, & SMALL DRAINAGE STRUCTURES (SHOWN OR NOT) INDICATED TO BE REMOVED SHALL BE CONSIDERED INCIDENTAL TO "CLEARING AND GRUBBING". REMOVAL OF EXISTING FENCE WITHIN PROPOSED RIGHT OF WAY (SHOWN OR NOT) WILL BE INCIDENTAL TO "CLEARING AND GRUBBING".



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



DRAWING TITLE: GENERAL NOTES

GENERAL NOTES

PROPOSAL ATTACHMENTS

- SPECIAL NOTE 11D ROCK BLASTING
- SPECIAL NOTE FOR IMPERMEABLE DETENTION POND BASIN LINING
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CONST. MOD. ROLLED CURB & GUTTER			
LT / RT	STATION - STATION	LF*	
LT	6+93	10+52	389
LT	10+60	20+00	939
RT	6+93	17+65	1044
RT	17+86	20+00	224

*NOTE: EXCLUDES CURB BOX INLETS AND ENTRANCES

CONST. 4" SIDEWALK				
LT / RT	STATION - STATION	SQ YD	RAMP TYPE #1 TYPE #3	DETECTABLE WARNING (SQ.FT)
LT	6+93	10+50	216 1	8
LT	10+62	20+00	540 1	8
RT	6+93	17+65	583 1	8
RT	18+16	20+00	99 1	13

ENTRANCE CONSTRUCTION			
LT / RT	STATION LOCATION	WIDTH	PIPE SIZE SQYD ASPHALT & LENGTH
LT	10+56	10'	172
LT	15+80	10'	278

MAINLINE	
PI STA. 15+44.50	RESIDENTIAL / FARM / CEMETERY
(X)= 5687332.8860	FARM
(Y)= 36711612.2120	FARM
D= 93°28'04" RT	
C= 22°55'06"	
T= 265.61'	
L=407.83'	
R=250.00'	
E=114.76'	
e= N.C.	

MAINLINE	
PI STA. 9+48.43	
(X)= 5687805.9670	
(Y)= 3671137.0500	
D= 86°31'56" RT	
C= 28°38'52"	
T= 188.25'	
L= 302.06'	
R= 200.00'	
E= 74.66'	
e= N.C.	

MAINLINE RESIDENTIAL
STA. 10+56.00=
ENTR. STA. 20+00.00 LT.

MAINLINE RESIDENTIAL
STA. 15+80.00=
ENTR. STA. 20+00.00 LT.

MAINLINE RESIDENTIAL STA. 6+33.00=
APPR. STA. 26+69.28 LT. & RT.
(RESIDENTIAL LOOP)

RESIDENTIAL LOOP STA. 30+40.00=
APPR. STA. 20+00.00 RT.
(RESIDENTIAL LOOP SPUR)

MAINLINE RESIDENTIAL
STA. 17+77.10=
APPR. STA. 20+00.00 RT.
(RESIDENTIAL LOOP)

REVISED: 8/12/26

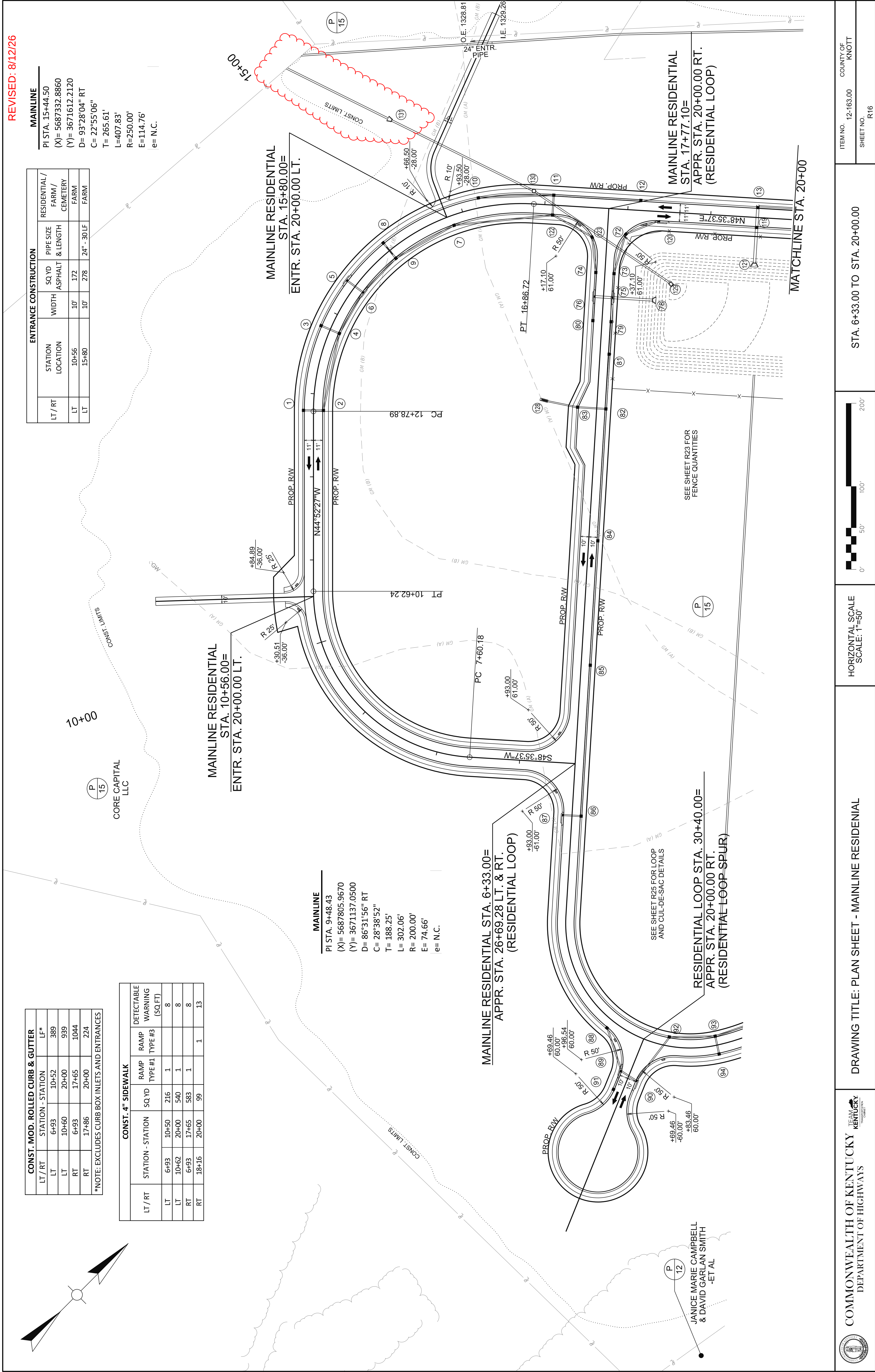
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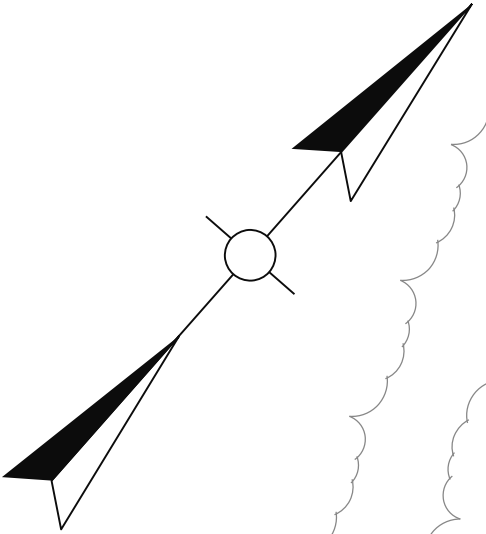
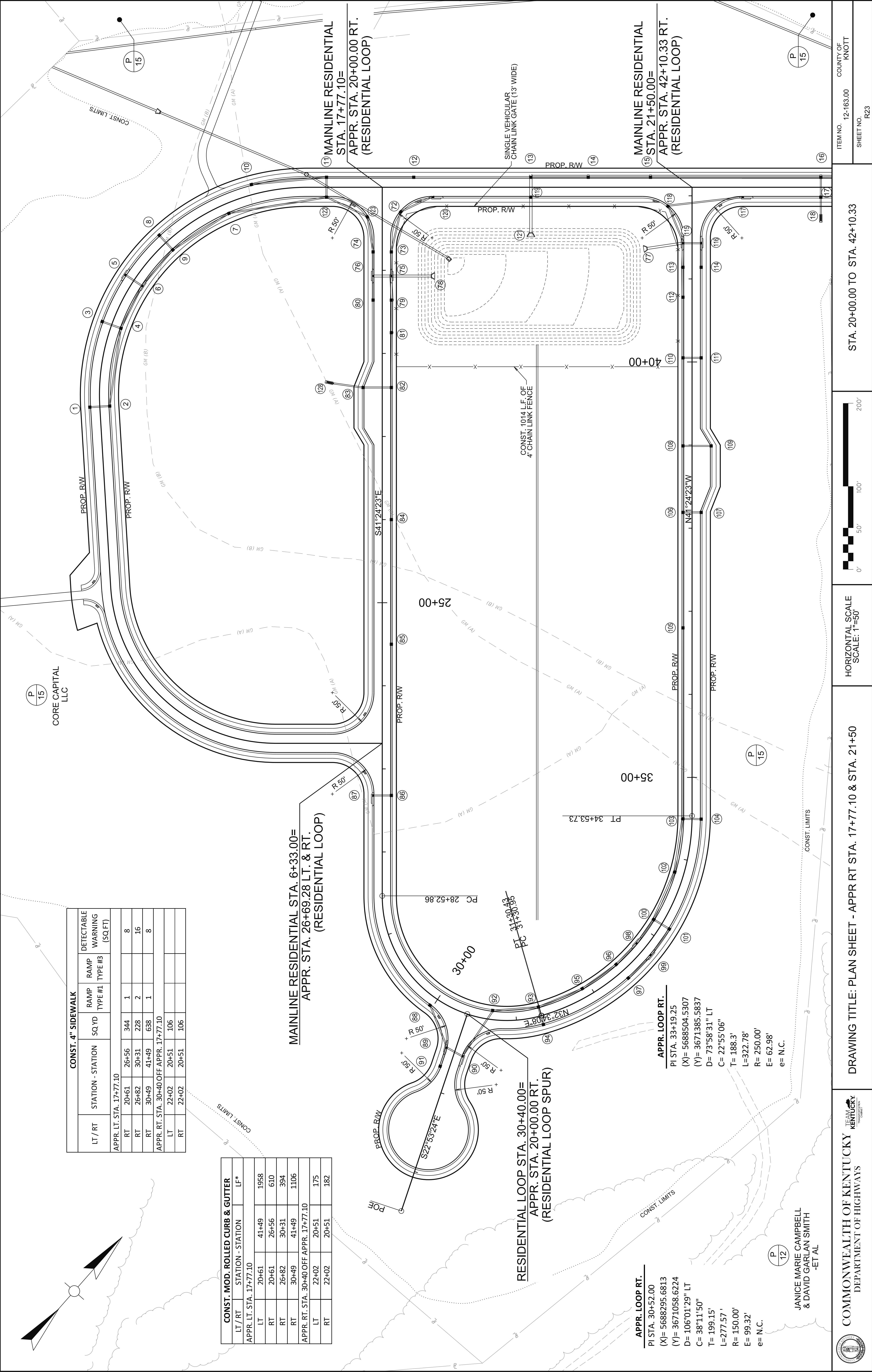
*NOTE: EXCLUDES CURB BOX INLETS AND ENTRANCES

CONST. 4" SIDEWALK				
LT / RT	STATION - STATION	SQ YD	RAMP TYPE #1 TYPE #3	DETECTABLE WARNING (SQ FT)
LT	6+93 - 10+50	216	1	8
LT	10+62 - 20+00	540	1	8
RT	6+93 - 17+65	583	1	8
RT	18+16 - 20+00	99	1	13

ENTRANCE CONSTRUCTION			
LT / RT	STATION LOCATION	WIDTH	PIPE SIZE SQ YD ASPHALT & LENGTH
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D= 93°28'04" RT	
C= 22°55'06"	
T= 265.61'	
L=407.83'	
R=250.00'	
E=114.76'	
e= N.C.	





CONST. 4" SIDEWALK				
LT / RT	STATION - STATION	SQ YD	RAMP TYPE #1	RAMP TYPE #3
APPR. LT. STA. 17+77.10				
RT	20+61 26+56	344	1	8
RT	26+82 30+31	228	2	16
RT	30+49 41+49	638	1	8
APPR. RT. STA. 30+40 OFF APPR. 17+77.10				
LT	22+02 20+51	106		
RT	22+02 20+51	106		

CONST. MOD. ROLLED CURB & GUTTER			
LT / RT	STATION - STATION	LF*	
APPR. LT. STA. 17+77.10			
LT	20+61 41+49	1958	
RT	20+61 26+56	610	
RT	26+82 30+31	394	
RT	30+49 41+49	1106	
APPR. RT. STA. 30+40 OFF APPR. 17+77.10			
LT	22+02 20+51	175	
RT	22+02 20+51	182	

MAINLINE RESIDENTIAL STA. 6+33.00= APPR. STA. 26+69.28 LT. & RT. (RESIDENTIAL LOOP)

MAINLINE RESIDENTIAL STA. 17+77.10= APPR. STA. 20+00.00 RT. (RESIDENTIAL LOOP)

RESIDENTIAL LOOP STA. 30+40.00= APPR. STA. 20+00.00 RT. (RESIDENTIAL LOOP SPUR)

APPR. LOOP RT.
PI STA. 30+52.00
(X)= 5688295.6813
(Y)= 3671058.6224
D= 106'01'29" LT
C= 38'11'50"
T= 199.15'
L=277.57'
R= 150.00'
E= 99.32'
e= N.C.

APPR. LOOP RT.
PI STA. 33+19.25
(X)= 5688504.5307
(Y)= 3671385.5837
D= 73'58'31" LT
C= 22'55'06"
T= 188.3'
L=322.78'
R= 250.00'
E= 62.98'
e= N.C.

JANICE MARIE CAMPBELL
& DAVID GARLAN SMITH
-ET AL

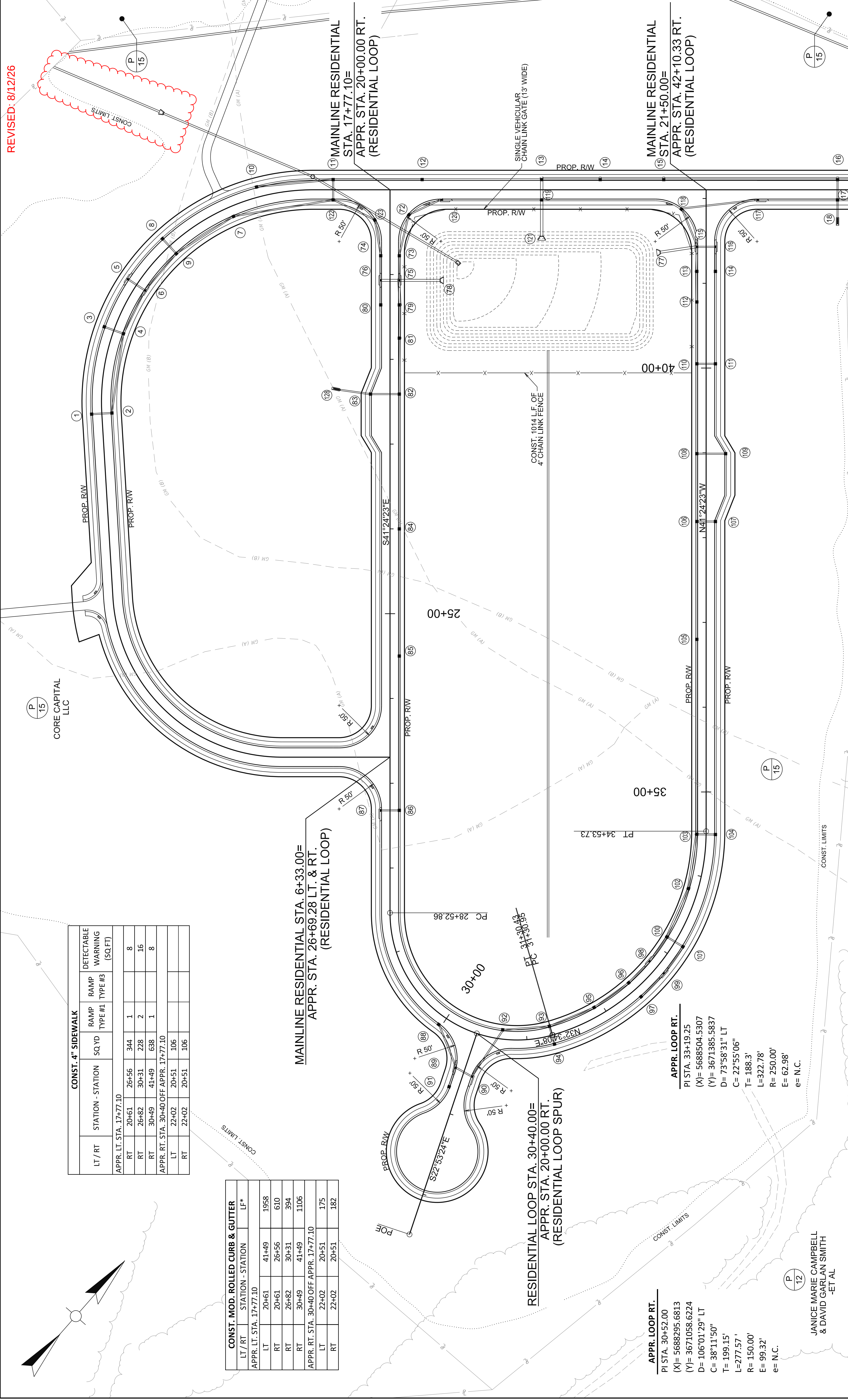
DRAWING TITLE: PLAN SHEET - APPR RT STA. 17+77.10 & STA. 21+50

Horizontal Scale
1"=50'

STA. 20+00.00 TO STA. 42+10.33

ITEM NO. 12-163.00 COUNTY OF KNOTT
SHEET NO. R23

REVISED: 8/12/26



CONST. 4" SIDEWALK				
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RT	20+61 26+56	344	1	8
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-ET AL



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



TEAM
KENTUCKY
TRANSPORTATION

DRAWING TITLE: PLAN SHEET - APPR RT STA. 17+77.10 & STA. 21+50

HORIZONTAL SCALE
SCALE: 1"=50'

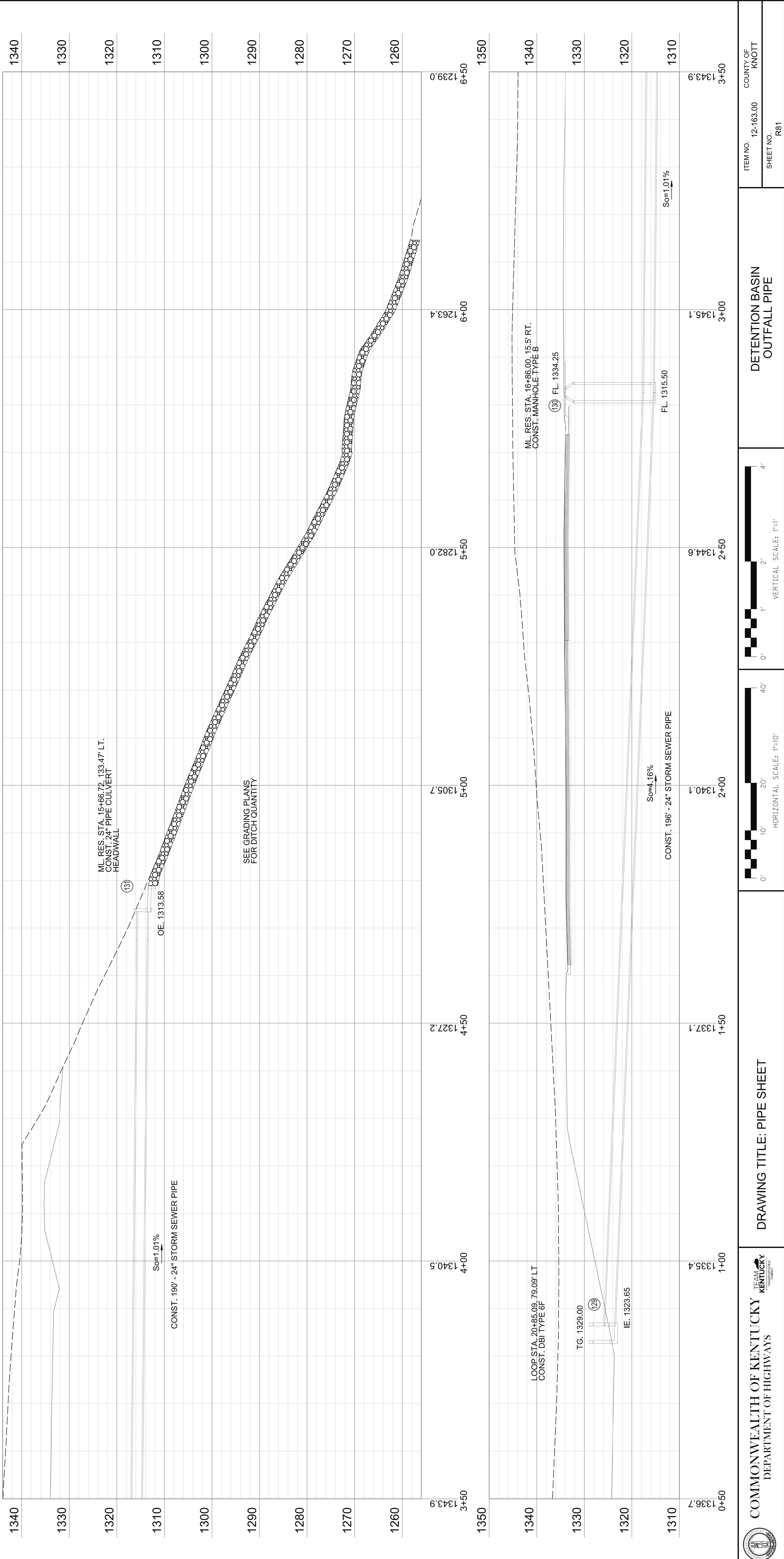
STA. 20+00.00 TO STA. 42+10.33

ITEM NO. 12-163.00
COUNTY OF KNOTT

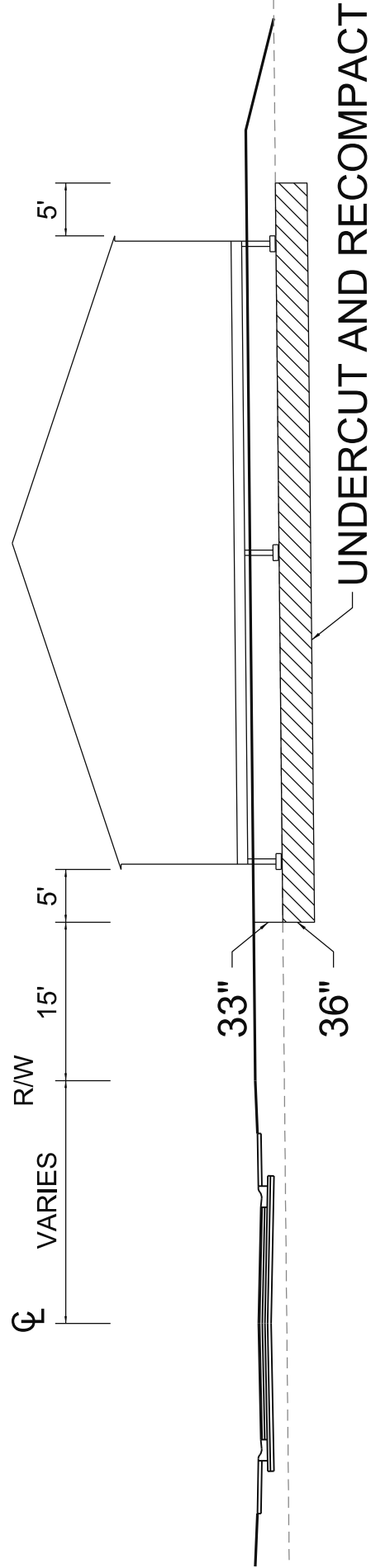
SHEET NO. R23

FILE NAME: G:\ENGR\HD1441\04 - OLIVE BRANCH\CORD CONVERSION\CAD\PLAN PRODUCTION\PLAN12_163_00_R_PLAN_RES_APPRRT_17+77.10&21+50.DGN
USER: djordan

PIPE DRAINAGE SHEET																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
COVER HEIGHT	DESIGN PH LEVEL	STORM SEWER PIPE							PC HDWL 18"	PC HDWL 24"	PC HDWL 36"	SLOPED BOX OUTLET TYPE 1 18"	SLOPED BOX OUTLET TYPE 1 24"	MANHOLE TYPE B	CURB BOX INLET TYPE B	CBL. TY. F (TOP) DBI. TY. 13 (BOTTOM)	DBI TYPE 6F					FABRIC- GEOTEXTILE CL1	CHANNEL LINING CLASS II	CHANNEL LINING CLASS III	FABRIC- GEOTEXTILE CL2 FOR PIPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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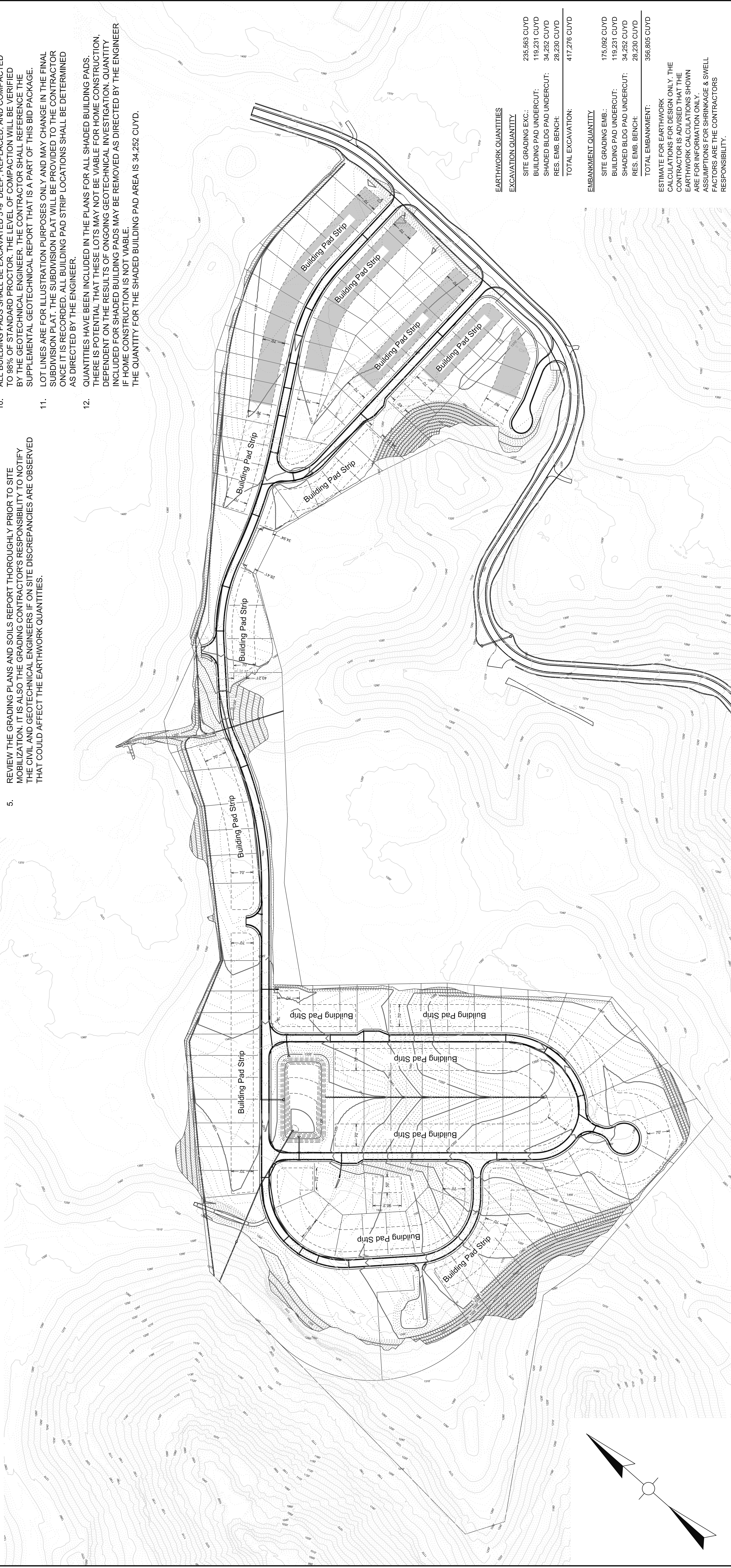
THE DEPTH OF UNDERCUT SHALL BE ADJUSTED IN THE FOLLOWING SITUATIONS:
1. A STRUCTURAL ENGINEER PROVIDES A FOUNDATION DESIGN THAT IS DIFFERENT THAN THE DEPTH SHOWN.
2. A GEOTECHNICAL ENGINEER CONFIRMS IN WRITING THAT ADJUSTMENT IS WARRANTED DUE TO THE CONDITION OF THE UNDERLYING SOIL.



TYPICAL LOT FOUNDATION UNDERCUT DETAIL

GRADING AND EARTHWORK GENERAL NOTES:

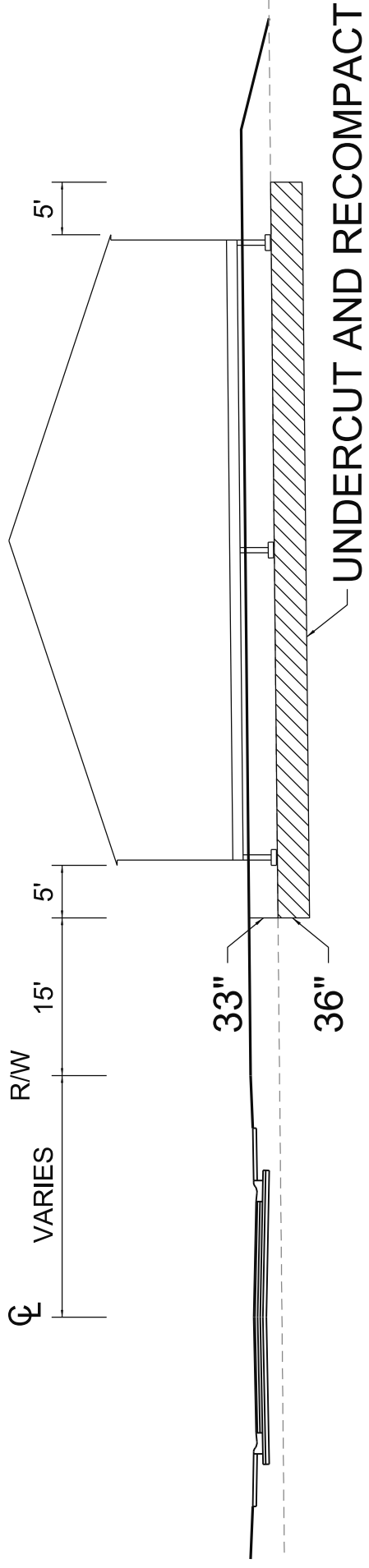
- UNLESS NOTED OTHERWISE ON PLANS, CUT OR FILL AS NECESSARY TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED GRADES. ALL CUT AND/OR FILL SLOPES SHALL BE A 3 HORIZONTAL TO 1 VERTICAL (3H:1V) OR FLATTER. FINISHED GRADING SHALL BE DONE TO PREVENT PONDING WITHIN THE PROJECT AREA AND ADJOINING AREAS, AND MAINTAIN POSITIVE DRAINAGE TO THE NEAREST DRAINAGE FEATURE.
- MAINTAIN POSITIVE DRAINAGE TO THE NEAREST DRAINAGE FEATURE AT ALL TIMES, NO PONDING WILL BE PERMITTED.
- CONSTRUCT AND MAINTAIN AN AGGREGATE CONSTRUCTION ROAD TO MINIMIZE THE TRACKING OF SEDIMENTS OUTSIDE THE LIMITS OF CONSTRUCTION BY CONSTRUCTION VEHICLES.
- THE GEOTECHNICAL ENGINEER SHALL OBSERVE, INSPECT AND TEST ALL EARTHWORK OPERATIONS INCLUDING, BUT NOT LIMITED TO, CLEARING AND GRUBBING, SUB GRADE PREPARATION, STRUCTURAL PREPARATION, STRUCTURAL AND TRENCH EXCAVATION AND BACKFILL, AND PLACEMENT AND COMPACTION OF FILL.
- REVIEW THE GRADING PLANS AND SOILS REPORT THOROUGHLY PRIOR TO SITE MOBILIZATION. IT IS ALSO THE GRADING CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CIVIL AND GEOTECHNICAL ENGINEERS IF ON SITE DISCREPANCIES ARE OBSERVED THAT COULD AFFECT THE EARTHWORK QUANTITIES.
- SUFFICIENT TESTS OF FILL SOILS SHALL BE MADE TO DETERMINE THE RELATIVE COMPACTION OF THE FILL IN ACCORDANCE WITH THE FREQUENCY PROVIDED WITHIN THE GEOTECHNICAL REPORT, PREPARED FOR THIS PROJECT.
- SUFFICIENT TESTS OF FILL SOILS SHALL BE MADE TO VERIFY THAT THE SOIL PROPERTIES COMPLY WITH THE DESIGN REQUIREMENTS, AS DETERMINED BY THE GEOTECHNICAL ENGINEER INCLUDING SOIL TYPES, SHEAR STRENGTHS PARAMETERS AND CORRESPONDING UNIT WEIGHTS AS DETERMINED NECESSARY BY THE GEOTECHNICAL ENGINEER.
- ROCK OR SIMILAR MATERIAL GREATER THAN 6 INCHES IN DIAMETER SHALL NOT BE PLACED IN THE FILL UNLESS RECOMMENDATIONS FOR SUCH PLACEMENT HAVE BEEN SUBMITTED BY THE GEOTECHNICAL ENGINEER AND APPROVED IN ADVANCE BY THE ENGINEER.
- THE GEOTECHNICAL ENGINEER OF RECORD SHALL EVALUATE THE FOUNDATION EXCAVATIONS BEFORE STEEL OR CONCRETE IS PLACED.
- ALL BUILDING PADS SHALL BE EXCAVATED 5'-9" DEEP, REPLACED, AND COMPACTED TO 98% OF STANDARD PROCTOR. THE LEVEL OF COMPACTION WILL BE VERIFIED BY THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL REFERENCE THE SUPPLEMENTAL GEOTECHNICAL REPORT THAT IS A PART OF THIS BID PACKAGE.
- LOT LINES ARE FOR ILLUSTRATION PURPOSES ONLY AND MAY CHANGE IN THE FINAL SUBDIVISION PLAT. THE SUBDIVISION PLAT WILL BE PROVIDED TO THE CONTRACTOR ONCE IT IS RECORDED. ALL BUILDING PAD STRIP LOCATIONS SHALL BE DETERMINED AS DIRECTED BY THE ENGINEER.
- QUANTITIES HAVE BEEN INCLUDED IN THE PLANS FOR ALL SHADED BUILDING PADS. THERE IS POTENTIAL THAT THESE LOTS MAY NOT BE VIABLE FOR HOME CONSTRUCTION, DEPENDENT ON THE RESULTS OF ONGOING GEOTECHNICAL INVESTIGATION. QUANTITY INCLUDED FOR SHADED BUILDING PADS MAY BE REMOVED AS DIRECTED BY THE ENGINEER IF HOME CONSTRUCTION IS NOT VIABLE. THE QUANTITY FOR THE SHADED BUILDING PAD AREA IS 34,252 CUVD.



EARTHWORK QUANTITIES	
EXCAVATION QUANTITY	
SITE GRADING EXC.:	235,563 CUVD
BUILDING PAD UNDERCUT:	119,231 CUVD
SHADED BLDG PAD UNDERCUT:	34,252 CUVD
RES. EMB. BENCH:	28,230 CUVD
TOTAL EXCAVATION:	417,276 CUVD
EMBANKMENT QUANTITY	
SITE GRADING EMB.:	175,082 CUVD
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TOTAL EMBANKMENT:	356,805 CUVD
ESTIMATE FOR EARTHWORK CALCULATIONS FOR DESIGN ONLY. THE CONTRACTOR IS ADVISED THAT THE EARTHWORK CALCULATIONS SHOWN ARE FOR INFORMATION ONLY. ASSUMPTIONS FOR SHRINKAGE & SWELL FACTORS ARE THE CONTRACTORS RESPONSIBILITY.	

 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS TEAM KENTUCKY TRANSPORTATION TRUST FUND		DRAWING TITLE: OVERALL GRADING PLAN	
HORIZONTAL SCALE SCALE: 1"=150'			
ITEM NO.		COUNTY OF	
12-163.00		KNOTT	
SHEET NO.		G7	

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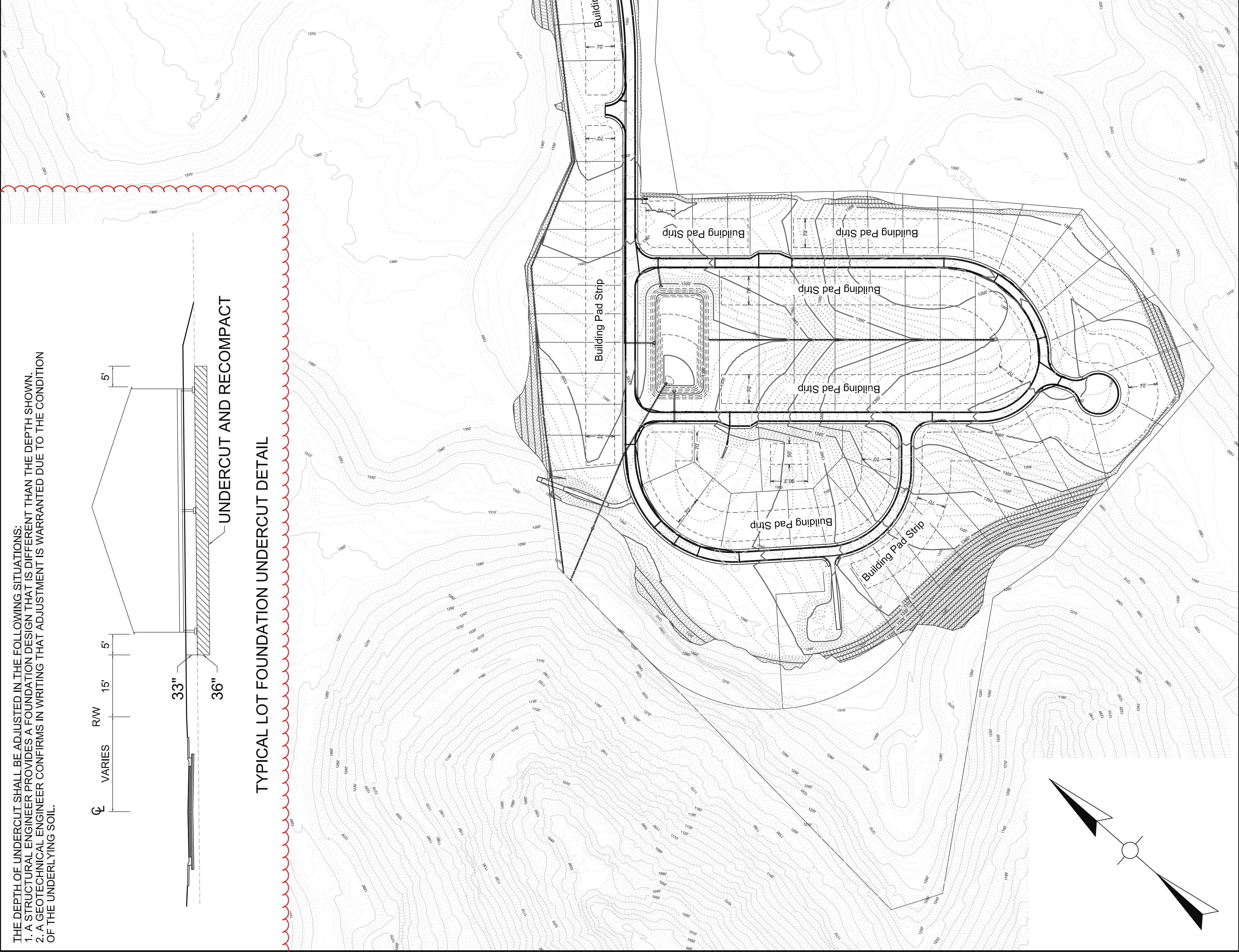
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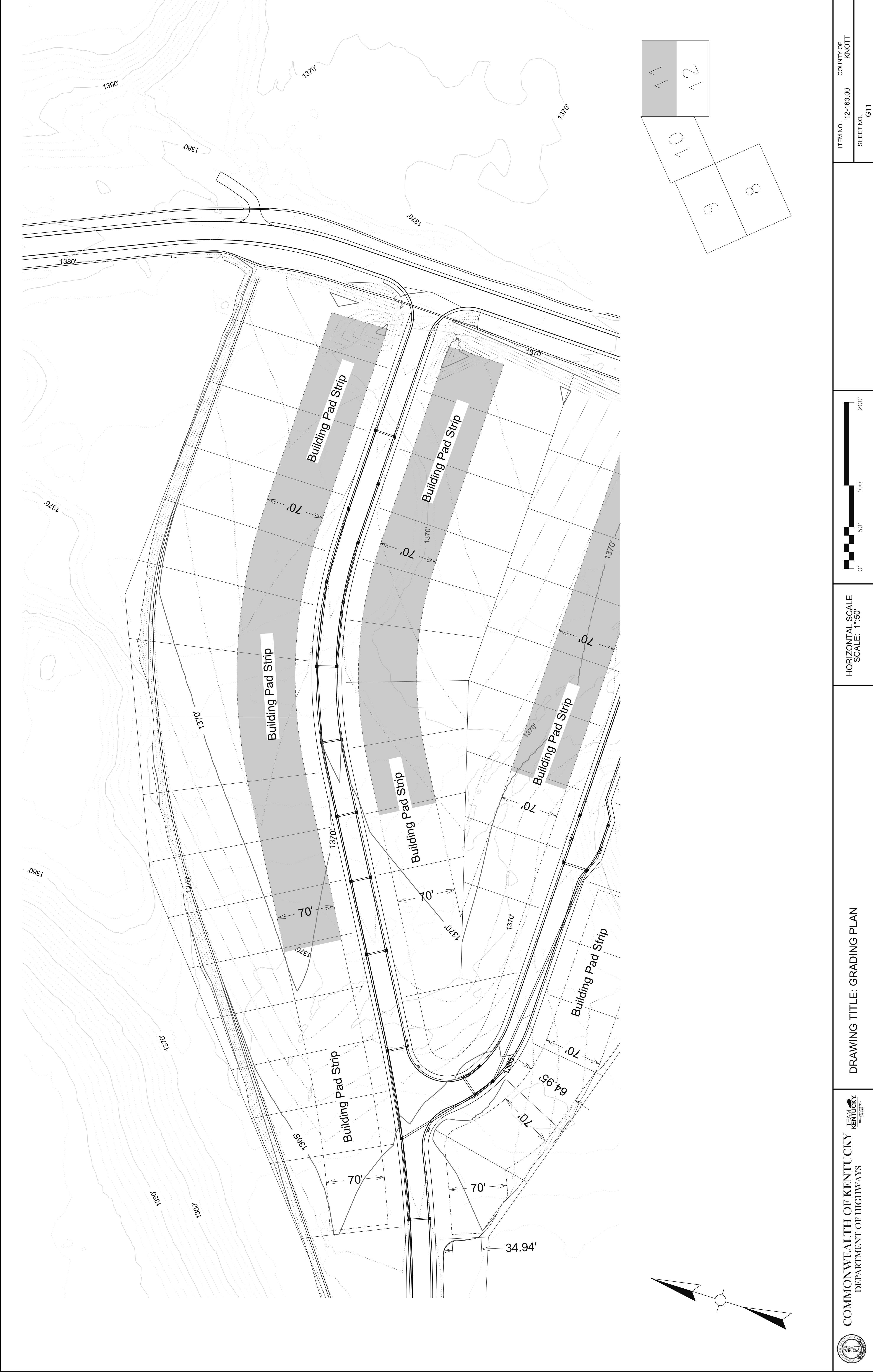
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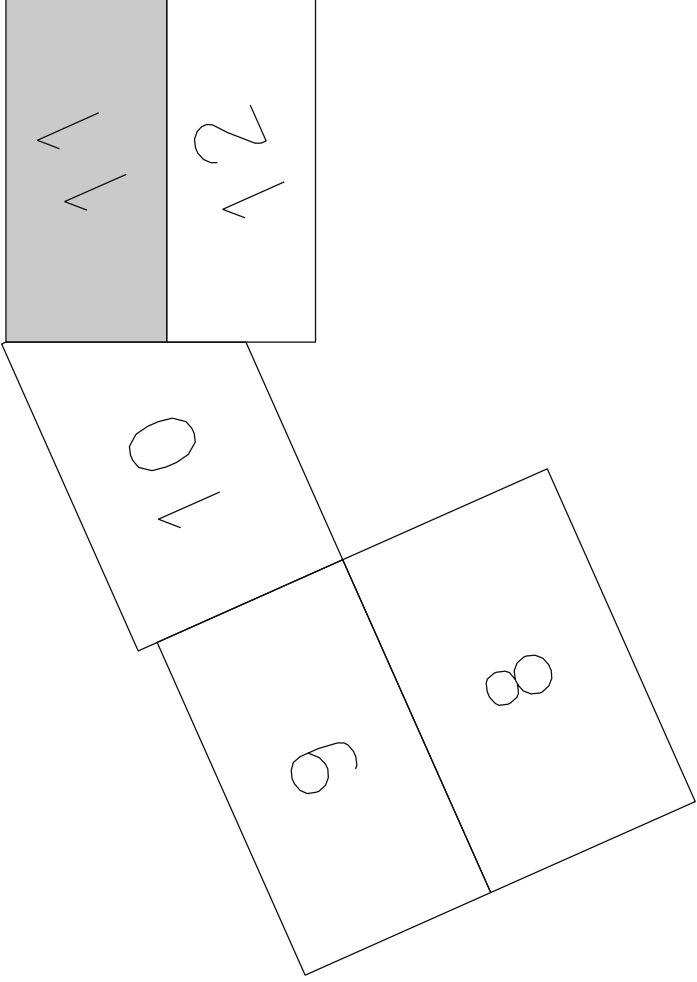
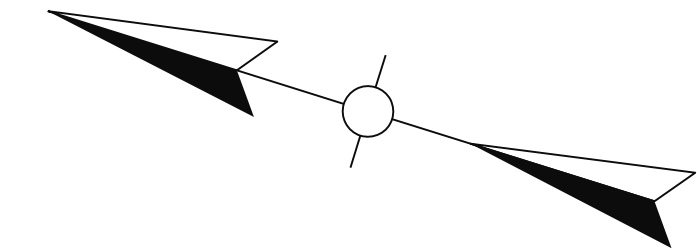
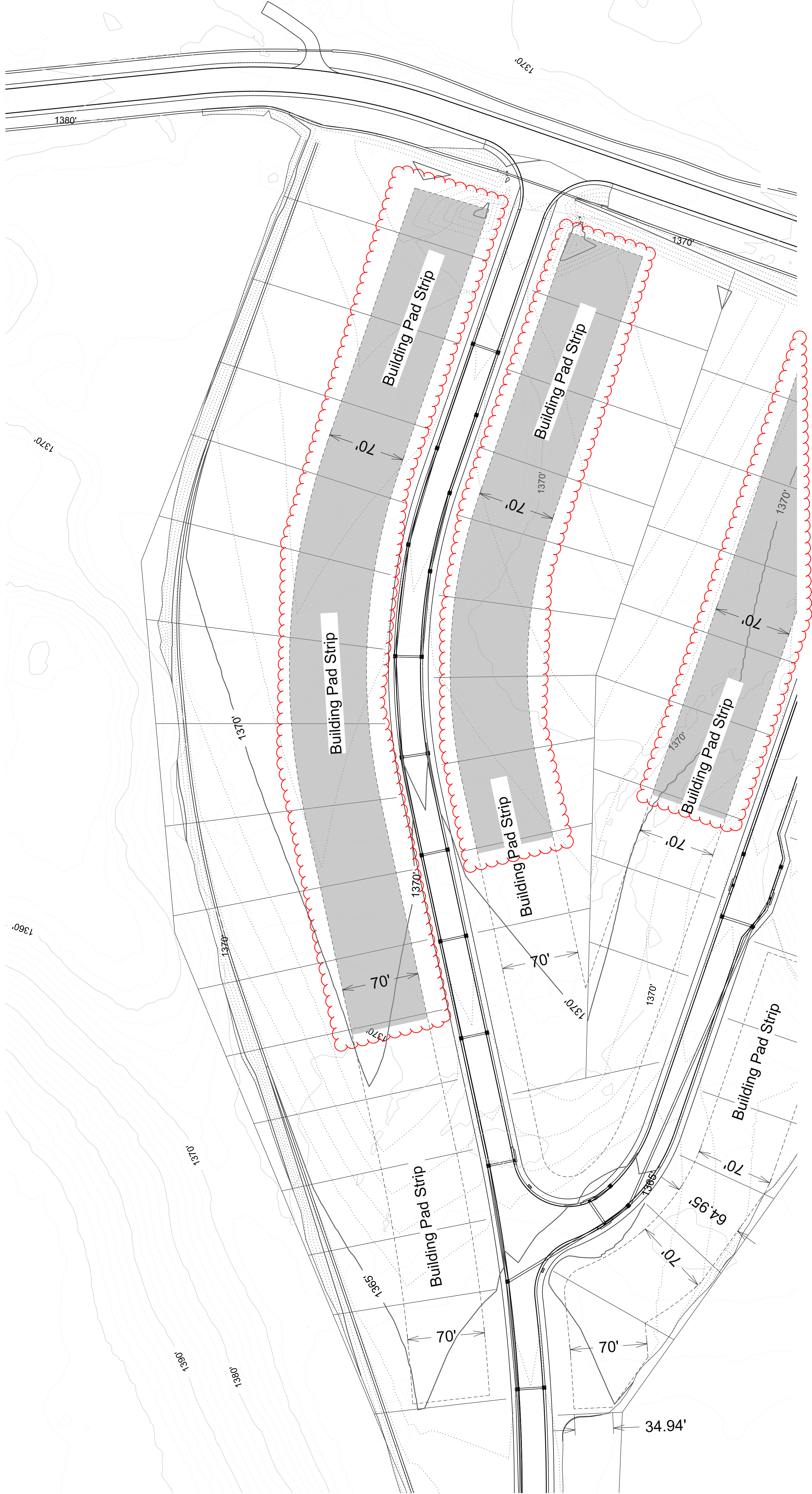
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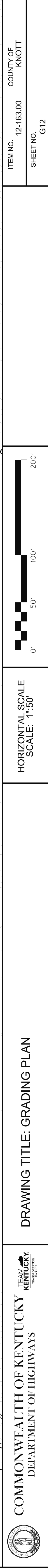
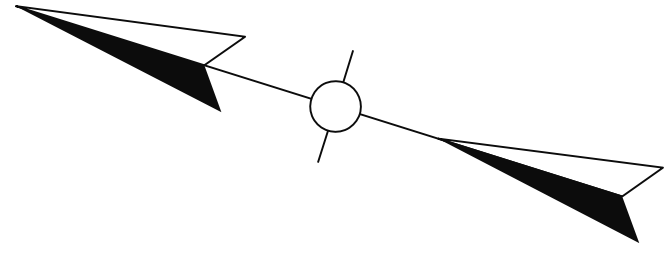
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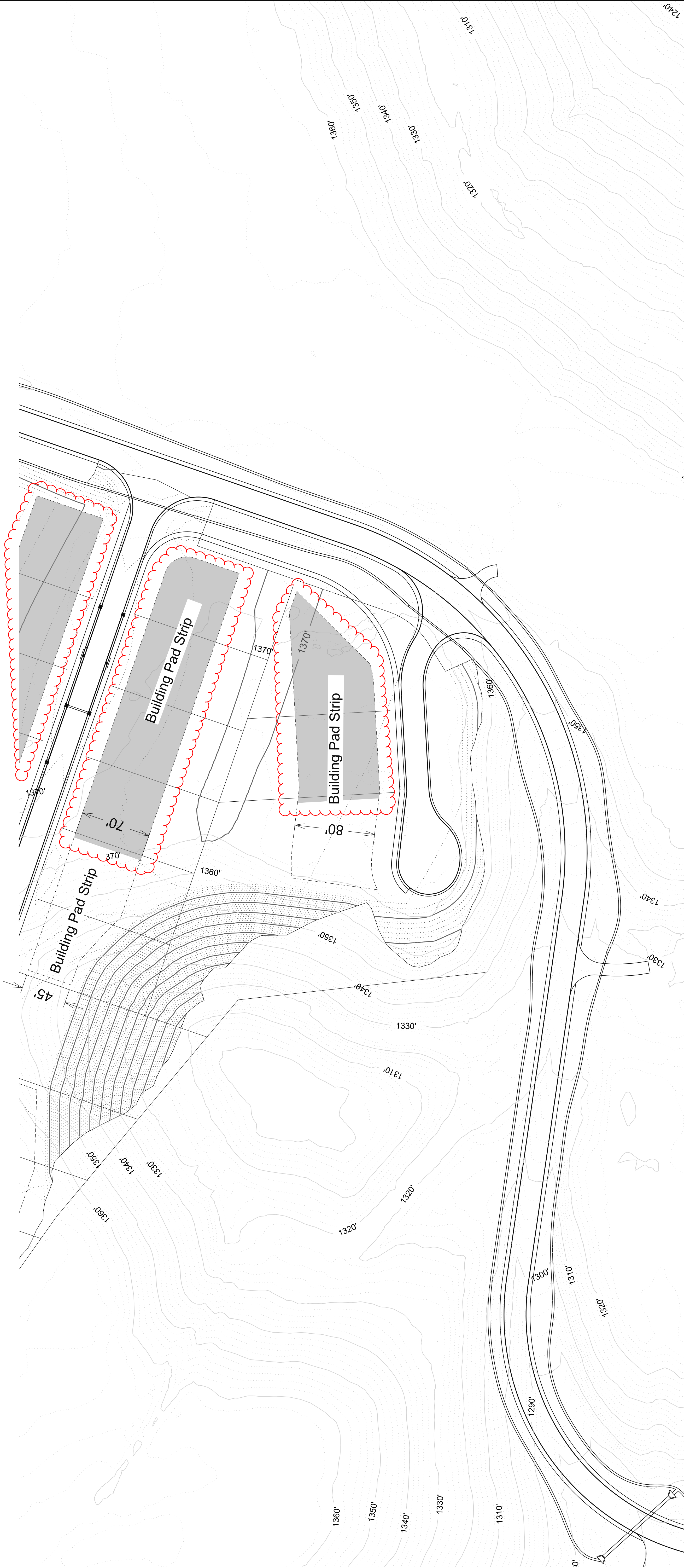
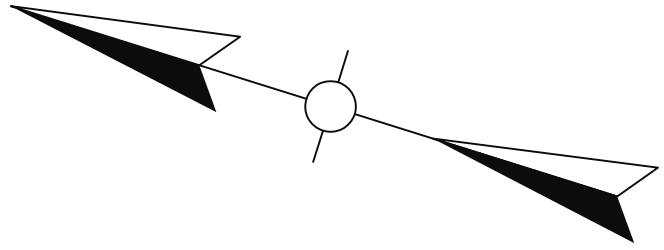
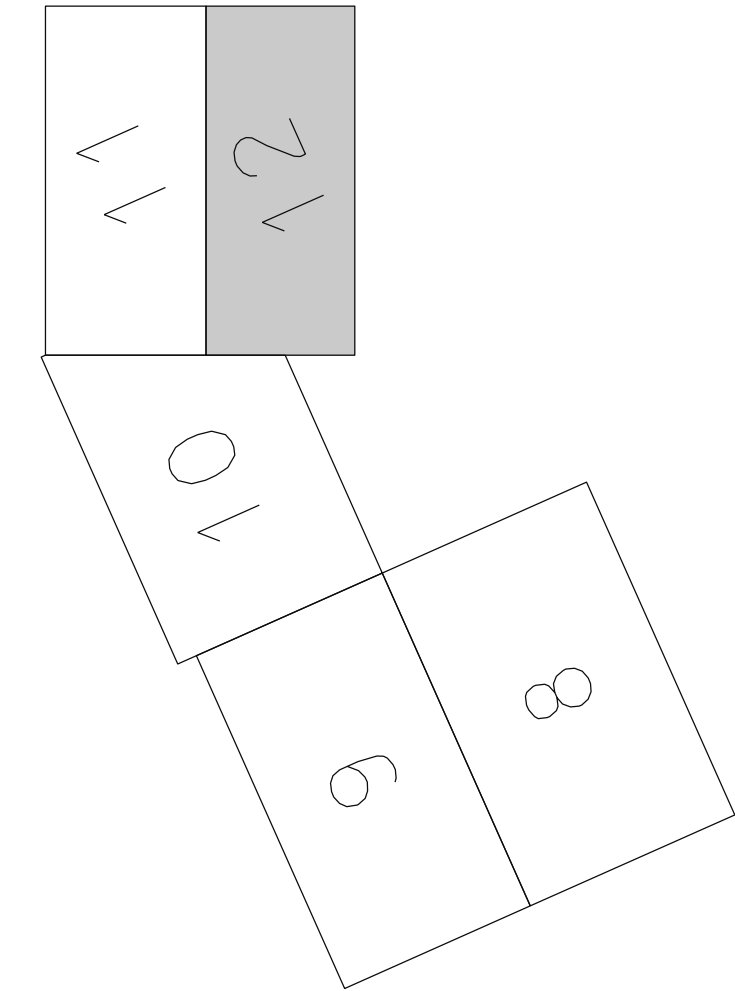




REVISED: 8/12/26



REVISED: 8/12/26



 COMMONWEALTH OF KENTUCKY DEPARTMENT OF HIGHWAYS	DRAWING TITLE: GRADING PLAN	HORIZONTAL SCALE SCALE: 1"=50'		ITEM NO. 12-163.00 COUNTY OF KNOTT
				SHEET NO. G12

EROSION CONTROL NOTES:

1.

CONSTRUCT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES PRIOR TO STARTING CONSTRUCTION. MEASURES INDICATED ON THESE PLANS ARE CONSIDERED TO BE MINIMUM AND SHALL BE SUPPLEMENTED AS REQUIRED BY CONSTRUCTION PHASING AND SITE CONDITIONS AT NO ADDITIONAL COST TO THE OWNERS.
2.

ANY EROSION AND SEDIMENT FROM WORK ON THIS SITE SHALL BE CONTAINED ON THE SITE AND NOT ALLOWED TO COLLECT IN ANY OFF-SITE AREAS OF IN WATERWAYS. WATERWAYS INCLUDE NATURAL AND MANMADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKES AND PONDS.
3.

DIRECT ALL DEWATERING ACTIVITIES TO THE EXISTING STORM SYSTEM. PASS ALL WATER THROUGH A FILTER PRIOR TO OUTLETTING TO THE SYSTEM.
4.

ENSURE SOIL AND DEBRIS FROM THE SITE REMAINS ON SITE THROUGH THE USE OF CLEAN STONES EXITS. DIRECT ALL CONSTRUCTION TRAFFIC TO THE EXITS.
5.

CONTROL DUST AT ALL TIMES DURING CONSTRUCTION.
6.

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES AS IDENTIFIED IN THE STORMWATER POLLUTION PREVENTION PLAN PREPARED FOR THE PROJECT.
7.

ALL DISTURBED AREAS NOT DESIGNATED TO RECEIVE A FINISHED SURFACE SHALL BE SEEDED AND MULCHED ON A MINIMUM OF 4" TOPSOIL. SEED, MULCH AND FERTILIZE ALL DISTURBED TOPSOIL AREAS AS INDICATED ON THE LANDSCAPE DRAWINGS. CONTRACTOR SHALL WATER, FERTILIZE AND RESEED AREAS AS NECESSARY UNTIL A MINIMUM OF 70% GROWTH DENSITY IS ACHIEVED.
8.

GROUND STABILIZATION MUST OCCUR WITHIN 7 DAYS ON PERIMETER AREAS AND SLOPES GREATER THAN 3:1, AND GROUND STABILIZATION MUST OCCUR WITHIN 14 DAYS ON OTHER AREAS.
9.

DISTURBED AREA = X ACRES
10.

ALL EXCESS EARTH EXCAVATION OR OTHER MATERIALS SHALL BE REMOVED FROM THE PROJECT SITE AS DIRECTED BY OWNER'S REPRESENTATIVE. CONTRACTOR SHALL COORDINATE WITH THE OWNERS REPRESENTATIVE PRIOR TO CONSTRUCTION. ANY OFF-SITE BORROW AND WASTE REQUIRED MUST COME FROM AN APPROVED EROSION CONTROL SITE. A SITE REGULATED UNDER THE MINING ACT OF 1971, OR A LANDFILL REGULATED BY THE DIVISION OF SOLID WASTE MANAGEMENT.

11.

TOPSOIL SHALL BE STRIPPED TO ITS ENTIRE DEPTH, AS ENCOUNTERED, FROM ALL AREAS TO RECEIVE NEW CONSTRUCTION.
12.

SOLID, SANITARY AND TOXIC WASTE MUST BE DISPOSED OF IN A PROPER MANNER IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. IT IS PROHIBITED TO BURN, BURY, OR POUR OUT ANY SOLVENTS, PAINTS, STAINS, GASOLINE, DIESEL FUEL, USED MOTOR OIL, HYDRAULIC FLUID, ANTIFREEZE, CEMENT CURING COMPOUNDS AND OTHER SUCH TOXIC OR HAZARDOUS WASTES. WASH OUT OF CONCRETE TRUCKS SHALL OCCUR IN A DIKED, DESIGNATED AREA WHERE THE WASTEWATER CAN BE COLLECTED AND DISPOSED OF PROPERLY WHEN IT HARDENS. STORAGE TANKS SHALL BE LOCATED IN DIKED AREAS AWAY FROM ANY DRAINAGE CHANNELS. THE DIKED AREAS SHALL CONTAIN A VOLUME 110% OF THE LARGEST TANK.
13.

THIS PLAN REFLECTS AN INTERPRETATION OF SEDIMENT AND EROSION CONTROL MEASURES APPROPRIATE FOR THE INITIAL STAGES OF CONSTRUCTION PROGRESS. THIS PLANS NOT INTENDED TO BE INCLUSIVE OF ALL SEDIMENT AND EROSION CONTROL MEASURES REQUIRED THROUGHOUT CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING EXISTING AND PROPOSED SITE DRAINAGE SO AS TO IMPLEMENT THE MOST EFFICIENT AND APPROPRIATE METHOD OF EROSION AND SEDIMENT CONTROL THROUGHOUT THE DURATION OF HIS CONSTRUCTION. ALL MODIFICATIONS ARE TO BE NOTED ON THIS SHEET, SIGNED AND DATED BY THE RESPONSIBLE PARTY.
14.

THE CONTRACTOR IS RESPONSIBLE FOR DISSEMINATING SEDIMENT AND EROSION CONTROL REQUIREMENTS INCLUDING, BUT NOT LIMITED TO, THE SEDIMENT AND EROSION CONTROL PLAN AND THE STORM WATER POLLUTION PREVENTION PLAN TO ANYONE INVOLVED IN THE EARTH DISTURBING ACTIVITIES AND MAINTAINING A COPY OF SIGNED RECEIPTS INDICATING COMPLIANCE WITH EROSION AND SEDIMENT CONTROL DOCUMENTS.
15.

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING AND MAINTAINING BOTH TEMPORARY AND PERMANENT, REQUIRED AND APPROPRIATE, SEDIMENT AND EROSION CONTROL MEASURES PRIOR TO UPGRADEMENT SOIL EXPOSURE.

16.

THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING AND MAINTAINING ALL EROSION AND SEDIMENT CONTROL MEASURES WITHIN HIS WORK AREA'S INFLUENCE. TWICE A WEEK, THE SITE SHALL BE INSPECTED. THE INSPECTION, ANY NEEDED MAINTENANCE AND REMEDIATION COMPLETED SHALL BE LOGGED AND KEPT ON FILE AT THE PROJECT SITE. THE LOG SHALL INCLUDE THE DATE OF INSPECTION, NAME OF INSPECTOR, WEATHER CONDITIONS, OBSERVATIONS, MAINTENANCE REQUIRED, REMEDIATION REQUIRED AND THE DATE MAINTENANCE AND REMEDIATION WERE COMPLETED. ACCUMULATED SEDIMENT SHALL BE REMOVED AND THE CONTROL MEASURE RESTORED TO ORIGINAL CONDITION WITHIN 3 TO 10 DAYS, AS REQUIRED. THE INSPECTIONS ARE REQUIRED TO CONTINUE DURING PERIODS OF SUSPENDED CONSTRUCTION ACTIVITIES. COORDINATE WITH NCDEM STANDARDS AND REQUIREMENTS.
17.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SITE GRADING SUCH THAT ALL SURFACE WATER WITHIN EARTH DISTURBING LIMITS AND DEWATERING, IF REQUIRED, IS DIVERTED THROUGH APPROPRIATE SEDIMENT AND EROSION CONTROL MEASURES. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING DOWNSTEAM AREAS FROM SEDIMENT OF CONSTRUCTION ACTIVITIES WITHIN THE EARTH DISTURBING LIMITS UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
18.

THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION CONTROL AND STORM WATER CONTROL MEASURES INSTALLED AS PART OF THIS PROJECT AND RETURNING ALL DISTURBED AREAS BACK TO THEIR ORIGINAL CONDITION. THE CONTRACTOR MAY REMOVE TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AFTER UPGRADEMENT WATERSHED HAS BEEN COMPLETELY STABILIZED.
19.

AS SLOPES ARE CONSTRUCTED, DIVERSIONS SHALL BE MODIFIED TO DIRECT FLOW TOWARDS BASINS TO THE MAXIMUM EXTENT POSSIBLE.
20.

REQUIRED AND APPROPRIATE METHODS OF SEDIMENT AND EROSION CONTROL INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:

a.

TEMPORARY SEEDING AND MULCHING WITHIN SEVEN DAYS AFTER FINAL OR INTERIM EARTHWORK GRADING THAT WILL REMAIN DORMANT FOR MORE THAN THIRTY DAYS, AND AS DIRECTED BY OWNER'S REPRESENTATIVE.

b.

PERMANENT SEEDING AND MULCHING TO ALL AREAS NOT DESIGNATED AS A PAVED SURFACE

c.

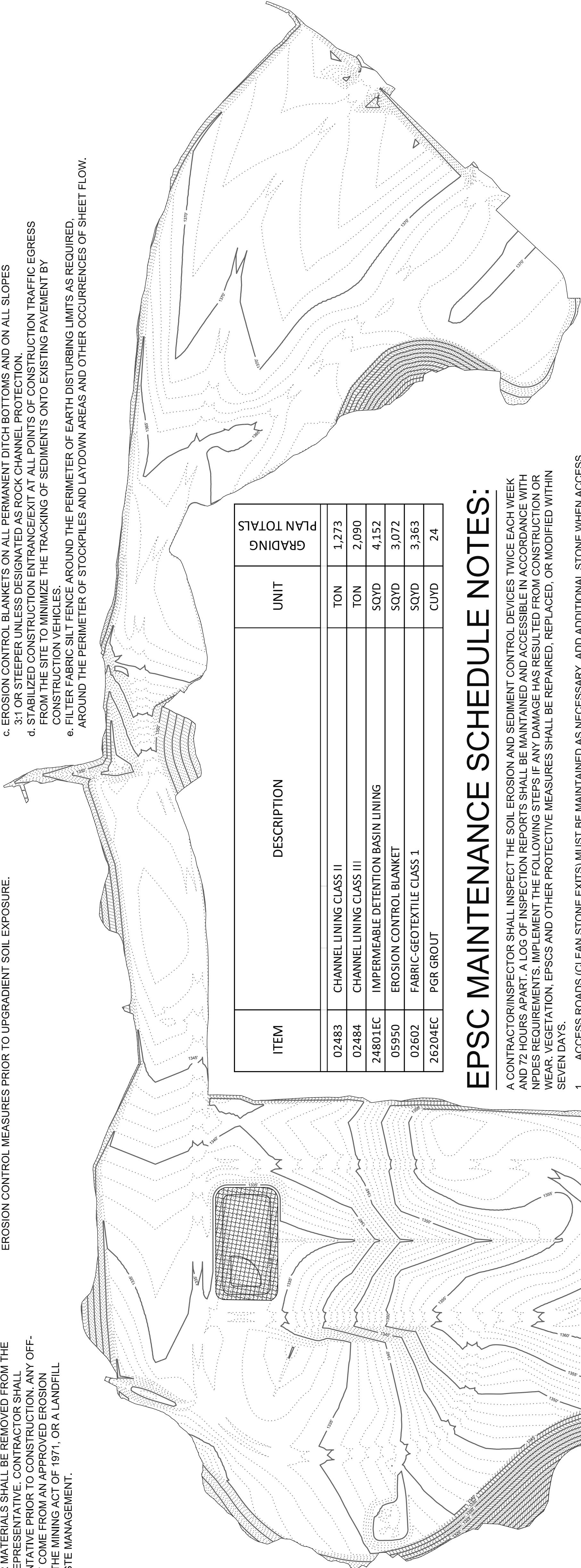
EROSION CONTROL BLANKETS ON ALL PERMANENT DITCH BOTTOMS AND ON ALL SLOPES 3:1 OR STEEPER UNLESS DESIGNATED AS ROCK CHANNEL PROTECTION.

d.

STABILIZED CONSTRUCTION ENTRANCE/EXIT AT ALL POINTS OF CONSTRUCTION TRAFFIC EGRESS FROM THE SITE TO MINIMIZE THE TRACKING OF SEDIMENTS ONTO EXISTING PAVEMENT BY CONSTRUCTION VEHICLES.

e.

FILTER FABRIC SILT FENCE AROUND THE PERIMETER OF EARTH DISTURBING LIMITS AS REQUIRED, AROUND THE PERIMETER OF STOCKPILES AND LAYDOWN AREAS AND OTHER OCCURRENCES OF SHEET FLOW.



ITEM	DESCRIPTION	UNIT	GRADING PLAN TOTALS
02483	CHANNEL LINING CLASS II	TON	1,273
02484	CHANNEL LINING CLASS III	TON	2,090
24801EC	IMPERMEABLE DETENTION BASIN LINING	SQYD	4,152
05950	EROSION CONTROL BLANKET	SQYD	3,072
02602	FABRIC-GEOTEXTILE CLASS 1	SQYD	3,363
26204EC	PGR GROUT	CUYD	24

EPSC MAINTENANCE SCHEDULE NOTES:

- A CONTRACTOR/INSPECTOR SHALL INSPECT THE SOIL EROSION AND SEDIMENT CONTROL DEVICES TWICE EACH WEEK AND 72 HOURS APART. A LOG OF INSPECTION REPORTS SHALL BE MAINTAINED AND ACCESSIBLE IN ACCORDANCE WITH NPDES REQUIREMENTS. IMPLEMENT THE FOLLOWING STEPS IF ANY DAMAGE HAS RESULTED FROM CONSTRUCTION OR WEAR, VEGETATION, EPSCS AND OTHER PROTECTIVE MEASURES SHALL BE REPAIRED, REPLACED, OR MODIFIED WITHIN SEVEN DAYS.
- ACCESS ROADS (CLEAN STONE EXITS) MUST BE MAINTAINED AS NECESSARY. ADD ADDITIONAL STONE WHEN ACCESS ROAD BECOMES INEFFECTIVE DUE TO LOSS OF STONE OR COVERED WITH MUD.
 - SILTATION CONTROL FOR SILT FENCE SHOULD BE TRENCHED IN, BACKFILLED, AND STAPLED OR STAKED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. MAINTENANCE INCLUDES THE REMOVAL OF BUILT-UP SEDIMENT WHEN THE SEDIMENT ACCUMULATES TO 1/3 OF THE HEIGHT OF THE FENCE. CONTRACTOR MAY HAVE TO REMOVE, REPLACE, RETRENCH, OR RE-BACKFILL THE FENCE IF IT FAILS. IT WOULD ALSO BE NECESSARY TO REINSTALL IF ANY PORTION OF THE FENCING WAS DAMAGED BY CONSTRUCTION MACHINERY.
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 - MAINTAIN DUST CONTROL AT ALL TIMES DURING CONSTRUCTION. SPRINKLING TANK TRUCKS SHALL BE AVAILABLE AT ALL TIMES AND USED ON HAUL ROADS, ON-SITE DISTURBED AREAS OR OTHER PLACES WHERE DUST BECOMES A PROBLEM AS A RESULT OF CONSTRUCTION EFFORTS.
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LT / RT	LOCATION	SIZE / TYPE	DITCH CONSTRUCTION			QTY	PARTIALLY GROUTED RIP RAP	CLI GEO FAB.
			TYPE	D	T			
MAINLINE RESIDENTIAL								
LT	DITCH 1	2' FB OUTLET DT	CL III	1.5'	2'	180 TONS	12 CY	180 SY
LT	DITCH 2	2' FB	CL III	1'	2'	185 TONS	12 CY	185 SY
LT	DITCH 3	2' FB	CL II	1.5'	1.25'	1183 TONS	-	1183 SY
LT	DITCH 4	2' FB	ECB	1.5'	-	392 SY	-	-
LT	DITCH 5	4' FB	CL III	1'	2'	369 TONS	-	369 SY
LT	DITCH 6	2' FB	CL III	1.5'	2'	437 TONS	-	437 SY
LT	DITCH 7	2' FB	ECB	1.5'	-	2062 SY	-	-
LOOP								
LT	DITCH 8	2' FB	CL III	1.5'	2'	919 TONS	-	919 SY
RT	DITCH 9	2' FB	CL II	1'	1.25'	90 TONS	-	90 SY
RT	DITCH 10	2' FB	ECB	1.5'	-	618 SY	-	-

EROSION CONTROL NOTES:

1.

CONSTRUCT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES PRIOR TO STARTING CONSTRUCTION. MEASURES INDICATED ON THESE PLANS ARE CONSIDERED TO BE MINIMUM AND SHALL BE SUPPLEMENTED AS REQUIRED BY CONSTRUCTION PHASING AND SITE CONDITIONS AT NO ADDITIONAL COST TO THE OWNERS.
2.

ANY EROSION AND SEDIMENT FROM WORK ON THIS SITE SHALL BE CONTAINED ON THE SITE AND NOT ALLOWED TO COLLECT IN ANY OFF-SITE AREAS OF IN WATERWAYS. WATERWAYS INCLUDE NATURAL AND MANMADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKES AND PONDS.
3.

DIRECT ALL DEWATERING ACTIVITIES TO THE EXISTING STORM SYSTEM. PASS ALL WATER THROUGH A FILTER PRIOR TO OUTLETTING TO THE SYSTEM.
4.

ENSURE SOIL AND DEBRIS FROM THE SITE REMAINS ON SITE THROUGH THE USE OF CLEAN STONES EXITS. DIRECT ALL CONSTRUCTION TRAFFIC TO THE EXITS.
5.

CONTROL DUST AT ALL TIMES DURING CONSTRUCTION.
6.

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES AS IDENTIFIED IN THE STORMWATER POLLUTION PREVENTION PLAN PREPARED FOR THE PROJECT.
7.

ALL DISTURBED AREAS NOT DESIGNATED TO RECEIVE A FINISHED SURFACE SHALL BE SEEDED AND MULCHED ON A MINIMUM OF 4" TOPSOIL. SEED, MULCH AND FERTILIZE ALL DISTURBED TOPSOIL AREAS AS INDICATED ON THE LANDSCAPE DRAWINGS. CONTRACTOR SHALL WATER, FERTILIZE AND RESEED AREAS AS NECESSARY UNTIL A MINIMUM OF 70% GROWTH DENSITY IS ACHIEVED.
8.

GROUND STABILIZATION MUST OCCUR WITHIN 7 DAYS ON PERIMETER AREAS AND SLOPES GREATER THAN 3:1, AND GROUND STABILIZATION MUST OCCUR WITHIN 14 DAYS ON OTHER AREAS.
9.

DISTURBED AREA = X ACRES
10.

ALL EXCESS EARTH EXCAVATION OR OTHER MATERIALS SHALL BE REMOVED FROM THE PROJECT SITE AS DIRECTED BY OWNER'S REPRESENTATIVE. CONTRACTOR SHALL COORDINATE WITH THE OWNERS REPRESENTATIVE PRIOR TO CONSTRUCTION. ANY OFF-SITE BORROW AND WASTE REQUIRED MUST COME FROM AN APPROVED EROSION CONTROL SITE. A SITE REGULATED UNDER THE MINING ACT OF 1971, OR A LANDFILL REGULATED BY THE DIVISION OF SOLID WASTE MANAGEMENT.

11.

TOPSOIL SHALL BE STRIPPED TO ITS ENTIRE DEPTH, AS ENCOUNTERED, FROM ALL AREAS TO RECEIVE NEW CONSTRUCTION.
12.

SOLID, SANITARY AND TOXIC WASTE MUST BE DISPOSED OF IN A PROPER MANNER IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. IT IS PROHIBITED TO BURN, BURY, OR POUR OUT ANY SOLVENTS, PAINTS, STAINS, GASOLINE, DIESEL FUEL, USED MOTOR OIL, HYDRAULIC FLUID, ANTIFREEZE, CEMENT CURING COMPOUNDS AND OTHER SUCH TOXIC OR HAZARDOUS WASTES. WASH OUT OF CONCRETE TRUCKS SHALL OCCUR IN A DIKED, DESIGNATED AREA WHERE THE WASTEWATER CAN BE COLLECTED AND DISPOSED OF PROPERLY WHEN IT HARDENS. STORAGE TANKS SHALL BE LOCATED IN DIKED AREAS AWAY FROM ANY DRAINAGE CHANNELS. THE DIKED AREAS SHALL CONTAIN A VOLUME 110% OF THE LARGEST TANK.
13.

THIS PLAN REFLECTS AN INTERPRETATION OF SEDIMENT AND EROSION CONTROL MEASURES APPROPRIATE FOR THE INITIAL STAGES OF CONSTRUCTION PROGRESS. THIS PLANS NOT INTENDED TO BE INCLUSIVE OF ALL SEDIMENT AND EROSION CONTROL MEASURES REQUIRED THROUGHOUT CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING EXISTING AND PROPOSED SITE DRAINAGE SO AS TO IMPLEMENT THE MOST EFFICIENT AND APPROPRIATE METHOD OF EROSION AND SEDIMENT CONTROL THROUGHOUT THE DURATION OF HIS CONSTRUCTION. ALL MODIFICATIONS ARE TO BE NOTED ON THIS SHEET, SIGNED AND DATED BY THE RESPONSIBLE PARTY.
14.

THE CONTRACTOR IS RESPONSIBLE FOR DISSEMINATING SEDIMENT AND EROSION CONTROL REQUIREMENTS INCLUDING, BUT NOT LIMITED TO, THE SEDIMENT AND EROSION CONTROL PLAN AND THE STORM WATER POLLUTION PREVENTION PLAN TO ANYONE INVOLVED IN THE EARTH DISTURBING ACTIVITIES AND MAINTAINING A COPY OF SIGNED RECEIPTS INDICATING COMPLIANCE WITH EROSION AND SEDIMENT CONTROL DOCUMENTS.
15.

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING, INSTALLING AND MAINTAINING BOTH TEMPORARY AND PERMANENT, REQUIRED AND APPROPRIATE, SEDIMENT AND EROSION CONTROL MEASURES PRIOR TO UPGRADEMENT SOIL EXPOSURE.

16.

THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING AND MAINTAINING ALL EROSION AND SEDIMENT CONTROL MEASURES WITHIN HIS WORK AREA'S INFLUENCE. TWICE A WEEK, THE SITE SHALL BE INSPECTED. THE INSPECTION, ANY NEEDED MAINTENANCE AND REMEDIATION COMPLETED SHALL BE LOGGED AND KEPT ON FILE AT THE PROJECT SITE. THE LOG SHALL INCLUDE THE DATE OF INSPECTION, NAME OF INSPECTOR, WEATHER CONDITIONS, OBSERVATIONS, MAINTENANCE REQUIRED, REMEDIATION REQUIRED AND THE DATE MAINTENANCE AND REMEDIATION WERE COMPLETED. ACCUMULATED SEDIMENT SHALL BE REMOVED AND THE CONTROL MEASURE RESTORED TO ORIGINAL CONDITION WITHIN 3 TO 10 DAYS, AS REQUIRED. THE INSPECTIONS ARE REQUIRED TO CONTINUE DURING PERIODS OF SUSPENDED CONSTRUCTION ACTIVITIES. COORDINATE WITH NCDEM STANDARDS AND REQUIREMENTS.
17.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SITE GRADING SUCH THAT ALL SURFACE WATER WITHIN EARTH DISTURBING LIMITS AND DEWATERING, IF REQUIRED, IS DIVERTED THROUGH APPROPRIATE SEDIMENT AND EROSION CONTROL MEASURES. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING DOWNSTREAM AREAS FROM SEDIMENT OF CONSTRUCTION ACTIVITIES WITHIN THE EARTH DISTURBING LIMITS UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
18.

THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION CONTROL AND STORM WATER CONTROL MEASURES INSTALLED AS PART OF THIS PROJECT AND RETURNING ALL DISTURBED AREAS BACK TO THEIR ORIGINAL CONDITION. THE CONTRACTOR MAY REMOVE TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AFTER UPGRADEMENT WATERSHED HAS BEEN COMPLETELY STABILIZED.
19.

AS SLOPES ARE CONSTRUCTED, DIVERSIONS SHALL BE MODIFIED TO DIRECT FLOW TOWARDS BASINS TO THE MAXIMUM EXTENT POSSIBLE.
20.

REQUIRED AND APPROPRIATE METHODS OF SEDIMENT AND EROSION CONTROL INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:

a.

TEMPORARY SEEDING AND MULCHING WITHIN SEVEN DAYS AFTER FINAL OR INTERIM EARTHWORK GRADING THAT WILL REMAIN DORMANT FOR MORE THAN THIRTY DAYS, AND AS DIRECTED BY OWNER'S REPRESENTATIVE.

b.

PERMANENT SEEDING AND MULCHING TO ALL AREAS NOT DESIGNATED AS A PAVED SURFACE

c.

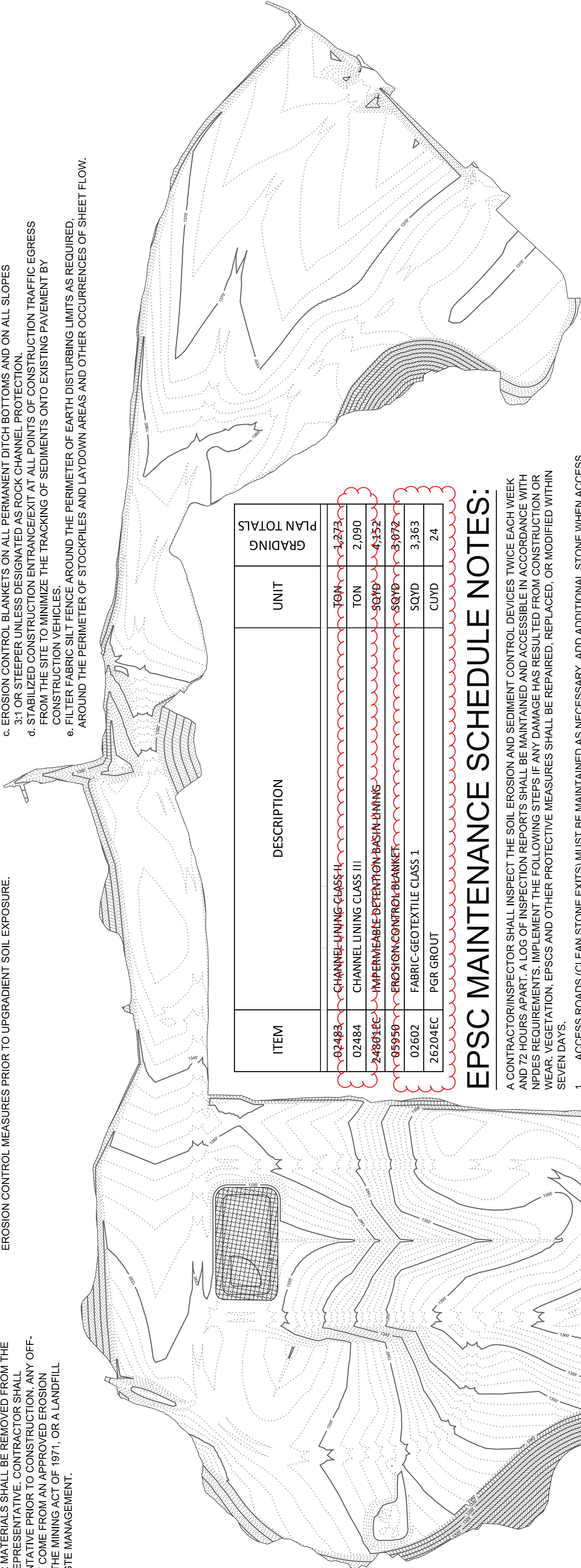
EROSION CONTROL BLANKETS ON ALL PERMANENT DITCH BOTTOMS AND ON ALL SLOPES 3:1 OR STEEPER UNLESS DESIGNATED AS ROCK CHANNEL PROTECTION.

d.

STABILIZED CONSTRUCTION ENTRANCE/EXIT AT ALL POINTS OF CONSTRUCTION TRAFFIC EGRESS FROM THE SITE TO MINIMIZE THE TRACKING OF SEDIMENTS ONTO EXISTING PAVEMENT BY CONSTRUCTION VEHICLES.

e.

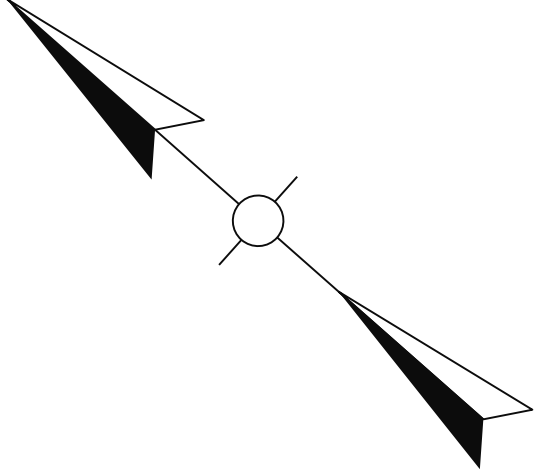
FILTER FABRIC SILT FENCE AROUND THE PERIMETER OF EARTH DISTURBING LIMITS AS REQUIRED, AROUND THE PERIMETER OF STOCKPILES AND LAYDOWN AREAS AND OTHER OCCURRENCES OF SHEET FLOW.



EPSC MAINTENANCE SCHEDULE NOTES:

- A CONTRACTOR/INSPECTOR SHALL INSPECT THE SOIL EROSION AND SEDIMENT CONTROL DEVICES TWICE EACH WEEK AND 72 HOURS APART. A LOG OF INSPECTION REPORTS SHALL BE MAINTAINED AND ACCESSIBLE IN ACCORDANCE WITH NPDES REQUIREMENTS. IMPLEMENT THE FOLLOWING STEPS IF ANY DAMAGE HAS RESULTED FROM CONSTRUCTION OR WEAR, VEGETATION, EPSCS AND OTHER PROTECTIVE MEASURES SHALL BE REPAIRED, REPLACED, OR MODIFIED WITHIN SEVEN DAYS.
- ACCESS ROADS (CLEAN STONE EXITS) MUST BE MAINTAINED AS NECESSARY. ADD ADDITIONAL STONE WHEN ACCESS ROAD BECOMES INEFFECTIVE DUE TO LOSS OF STONE OR COVERED WITH MUD.
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REVISED: 8/12/26



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