

VICINITY MAP

**CITY OF SOUTHGATE
BLOSSOM LANE AND VALLEY VIEW DRIVE
STREET IMPROVEMENTS**

JOB #37135

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2161 CHAMBER CENTER DRIVE
ORT MITCHELL, KENTUCKY 41017
TEL. (859) 525-0544
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2105 CHAMBER CENTER DRIVE
ORT MITCHELL, KENTUCKY 41017
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BLOSSOM LANE AND VALLEY VIEW DRIVE STREET IMPROVEMENTS		- THE CITY OF SOUTHGATE CAMPBELL CO. KENTUCKY -		TITLE TITLE	
PROJECT NO.		DISCIPLINE		SHEET NAME	
37135		CIVIL		C1	
ISSUED FOR:	BIDDING	NO	REVISION	DATE	
ISSUE DATE:	1/14/2026				
SCALE:	AS NOTED				
DESIGNED BY:	DGAR				
DRAWN BY:	DGAR				
CHECKED BY:	JSHU				
SHEET	OF				
1	13				

BLOSSOM LANE AND VALLEY VIEW

PROJECT NO.	
37135	
DISCIPLINE	
CIVIL	
SHEET NAME	
C1	
SHEET	OF
1	13

CITY OF SOUTHGATE OFFICIALS

MAYOR
JIM HAMBERG

CITY CLERK
BRANDI BARTON

CITY COUNCIL MEMBERS

JACKSON CURRY

ELIZABETH HARTMAN

PAUL MELVILLE

MARK MESSMER

AILEEN OKURA

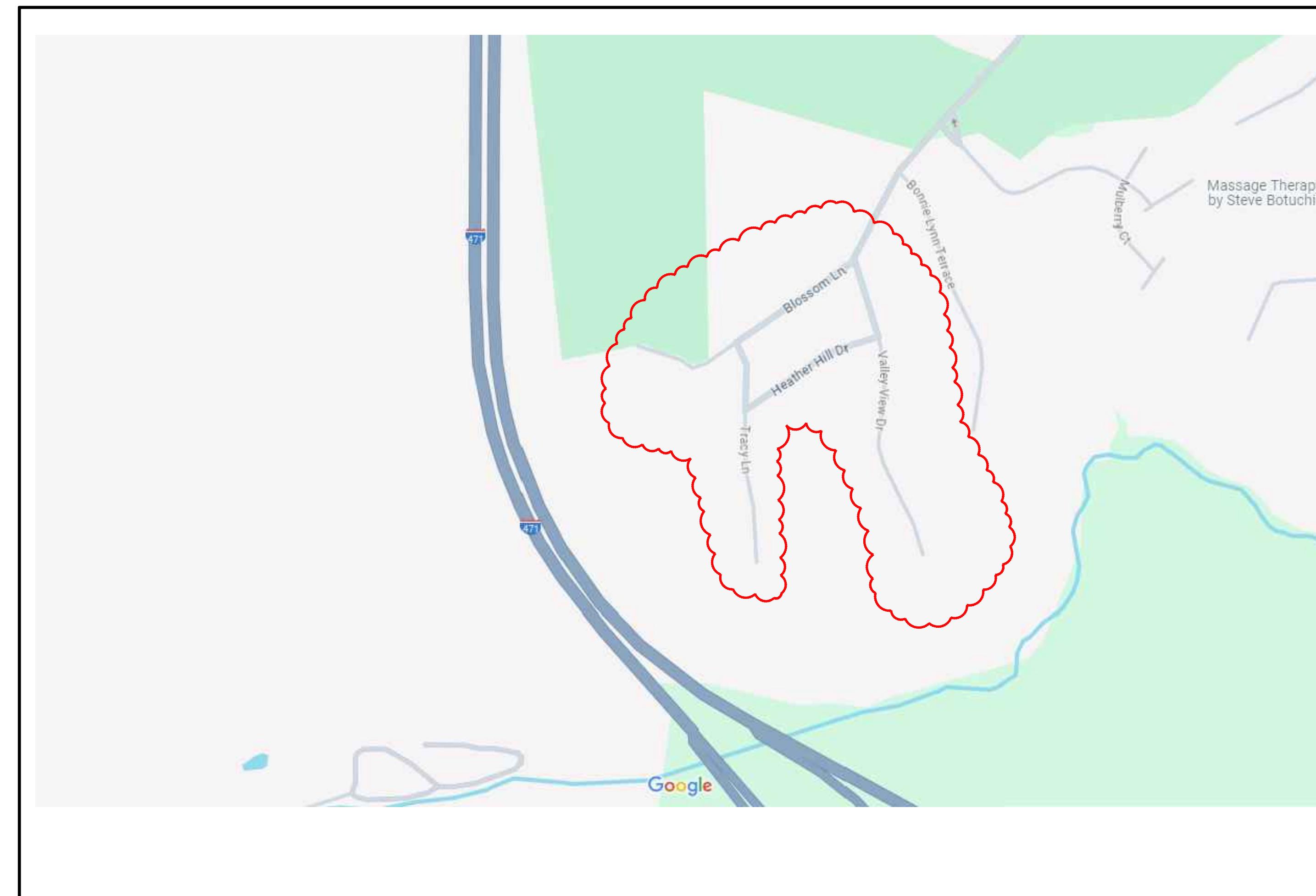
TOM WHITEHEAD

CITY ATTORNEY

MARY ANN STEWART

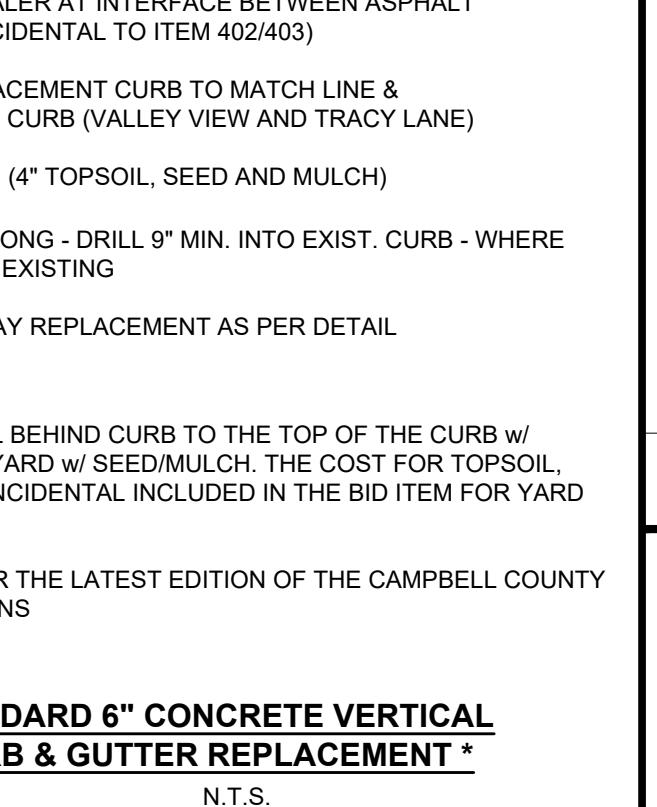
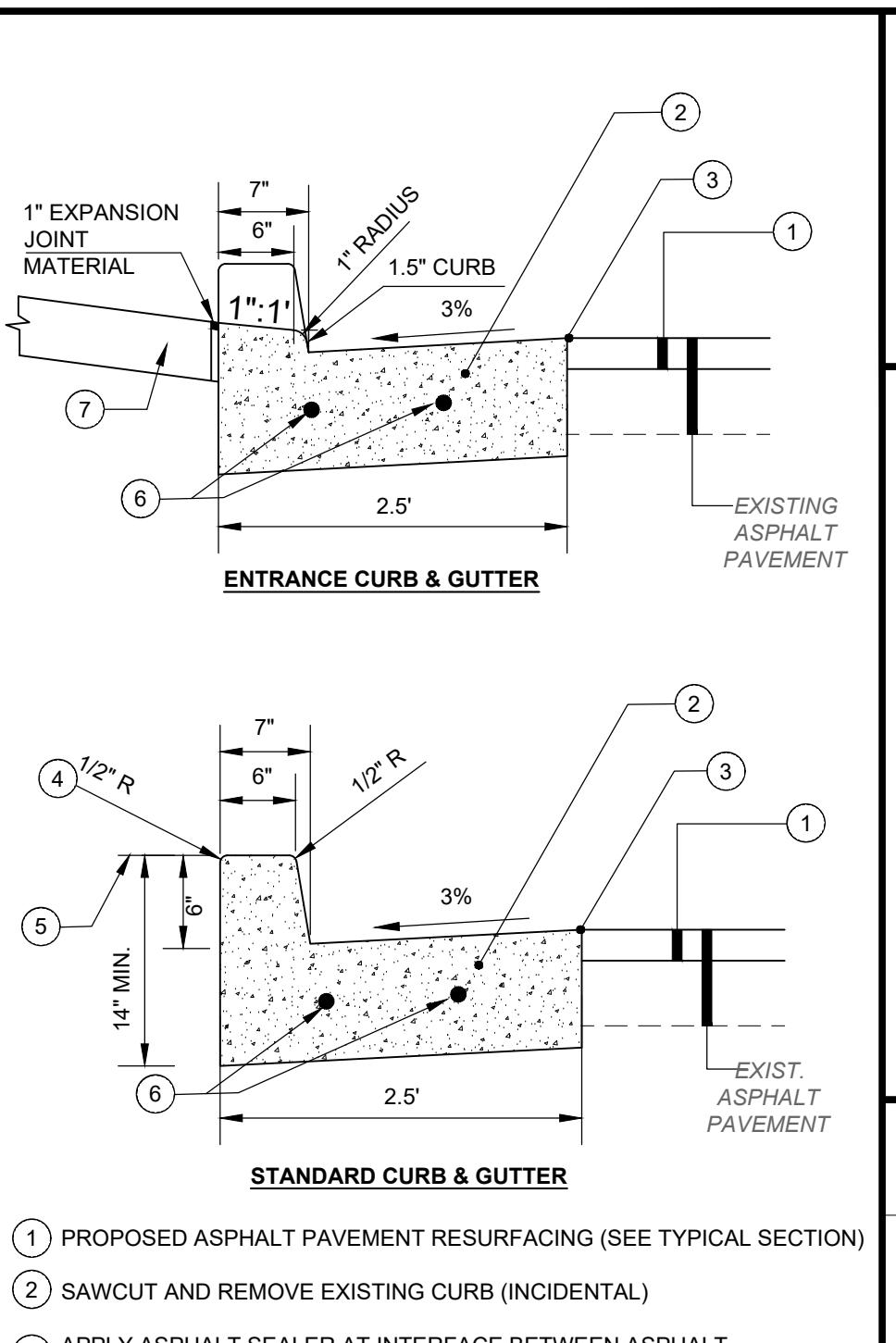
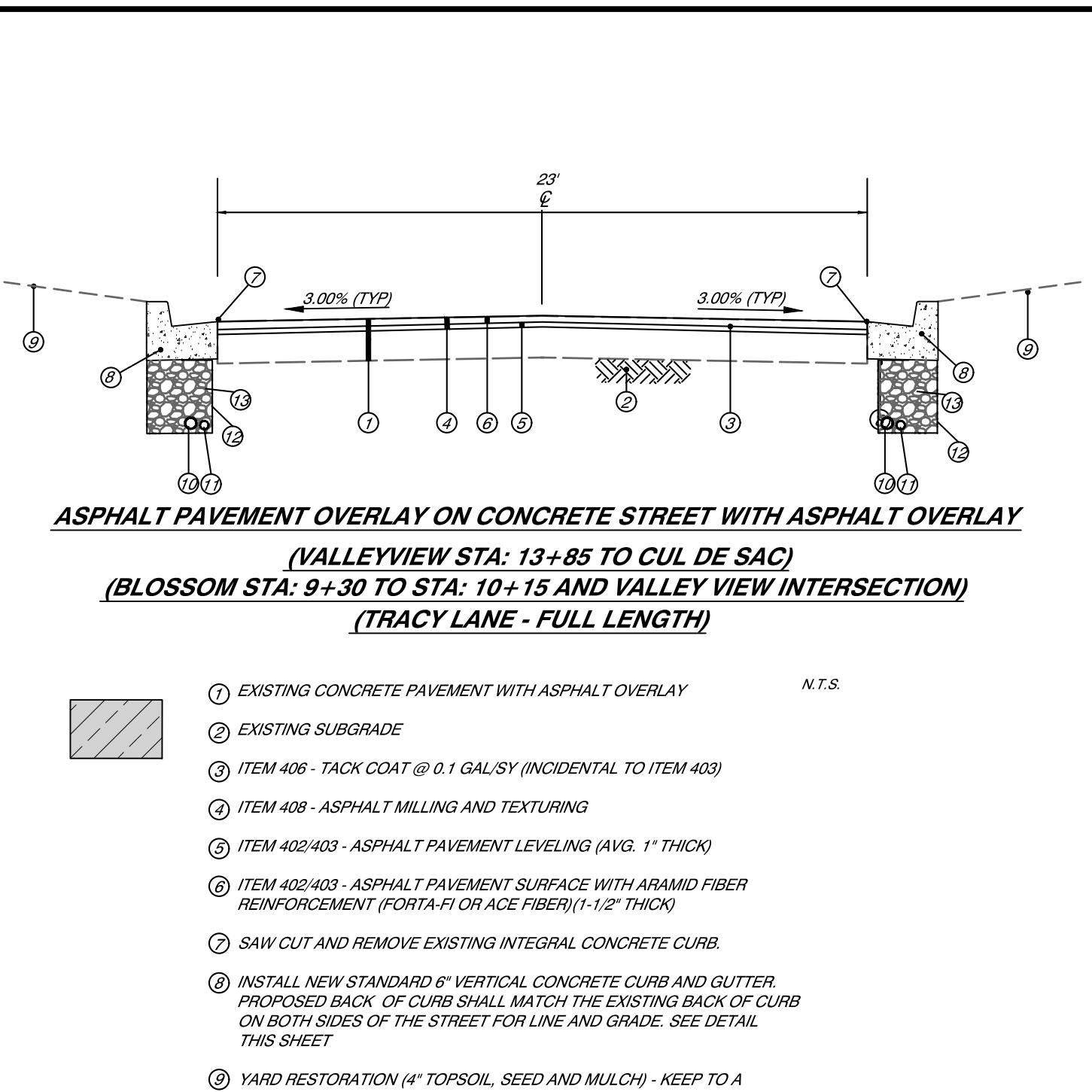
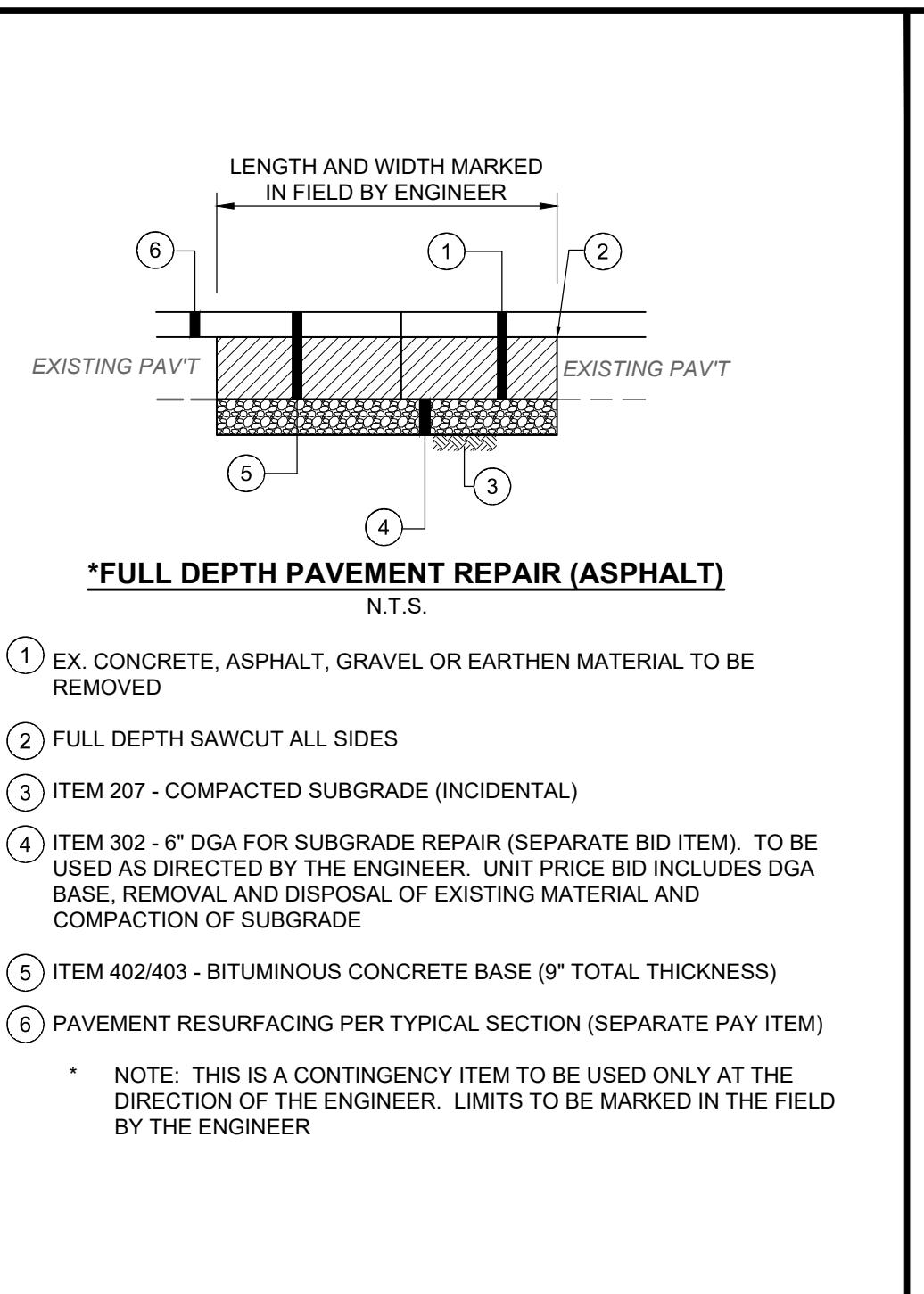
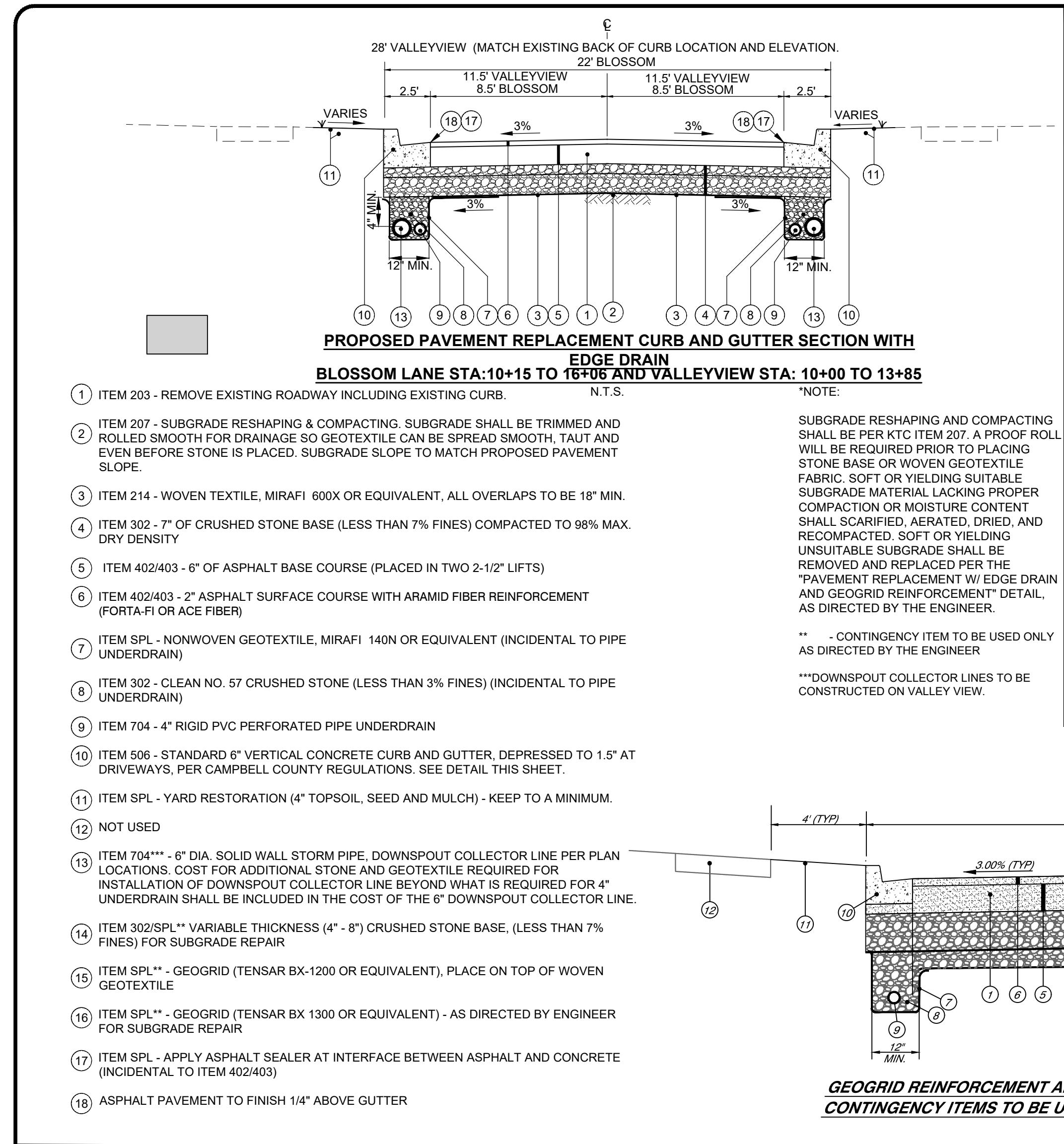
PUBLIC WORKS DIRECTOR

ARVIL BOWMAN

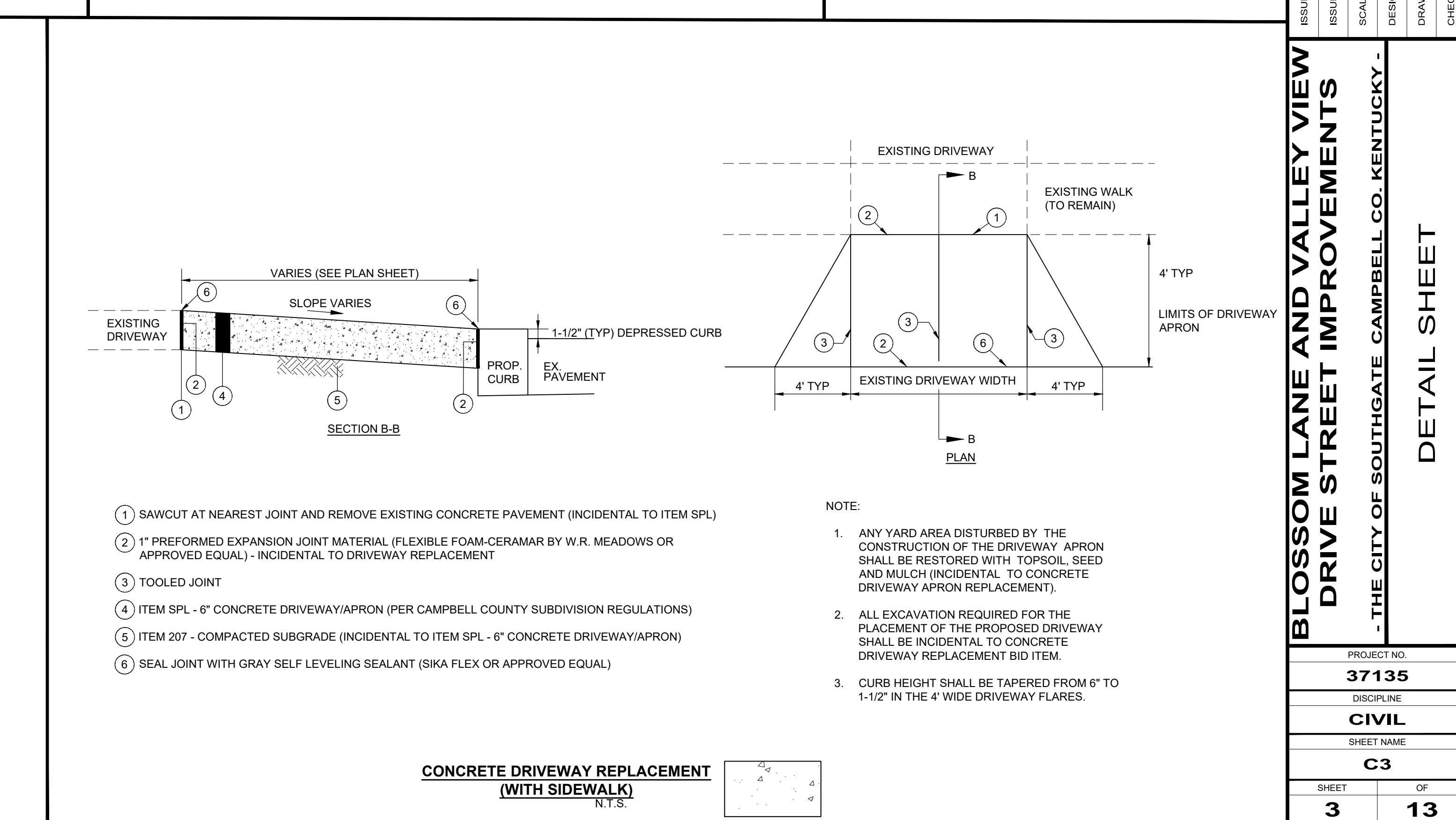
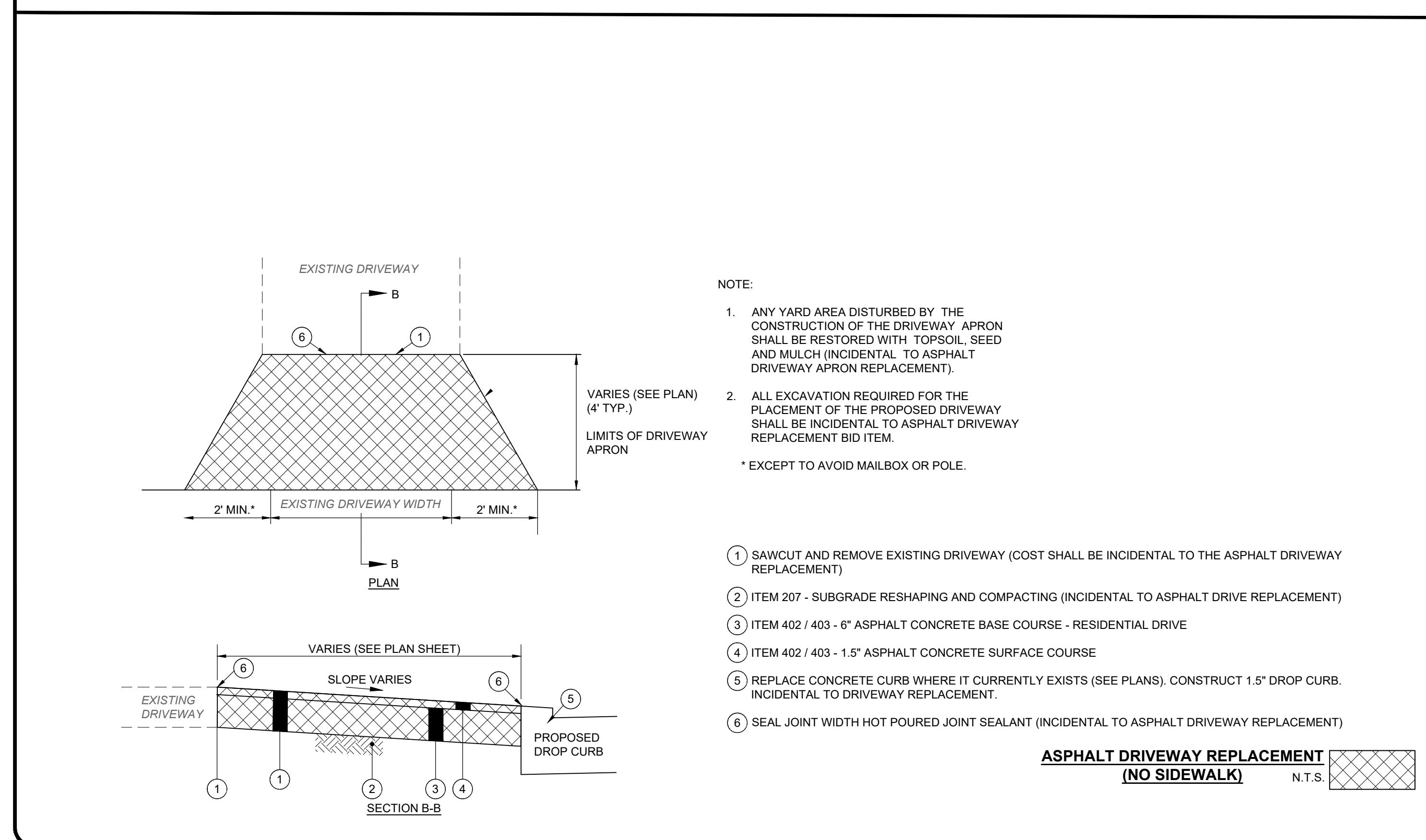


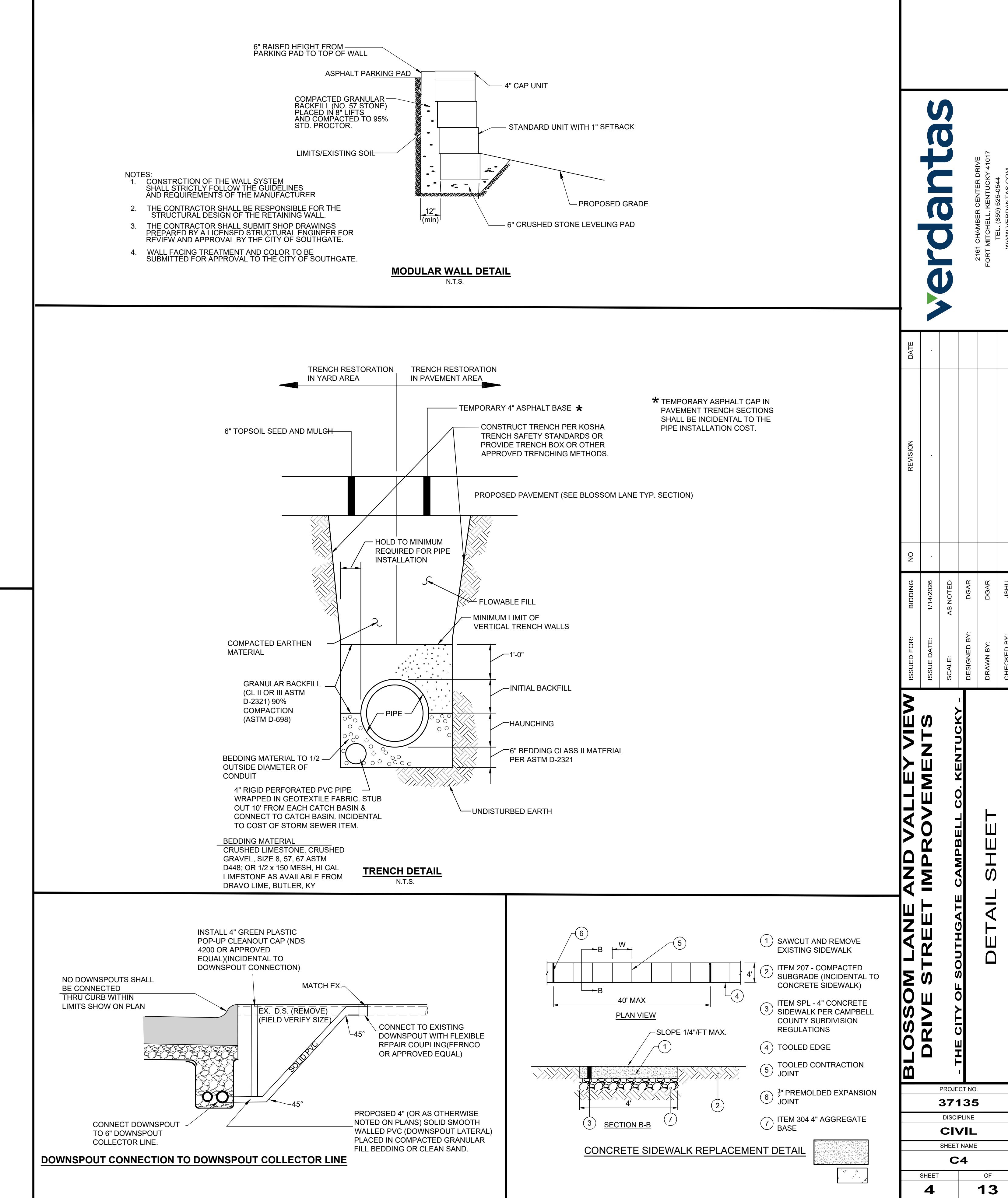
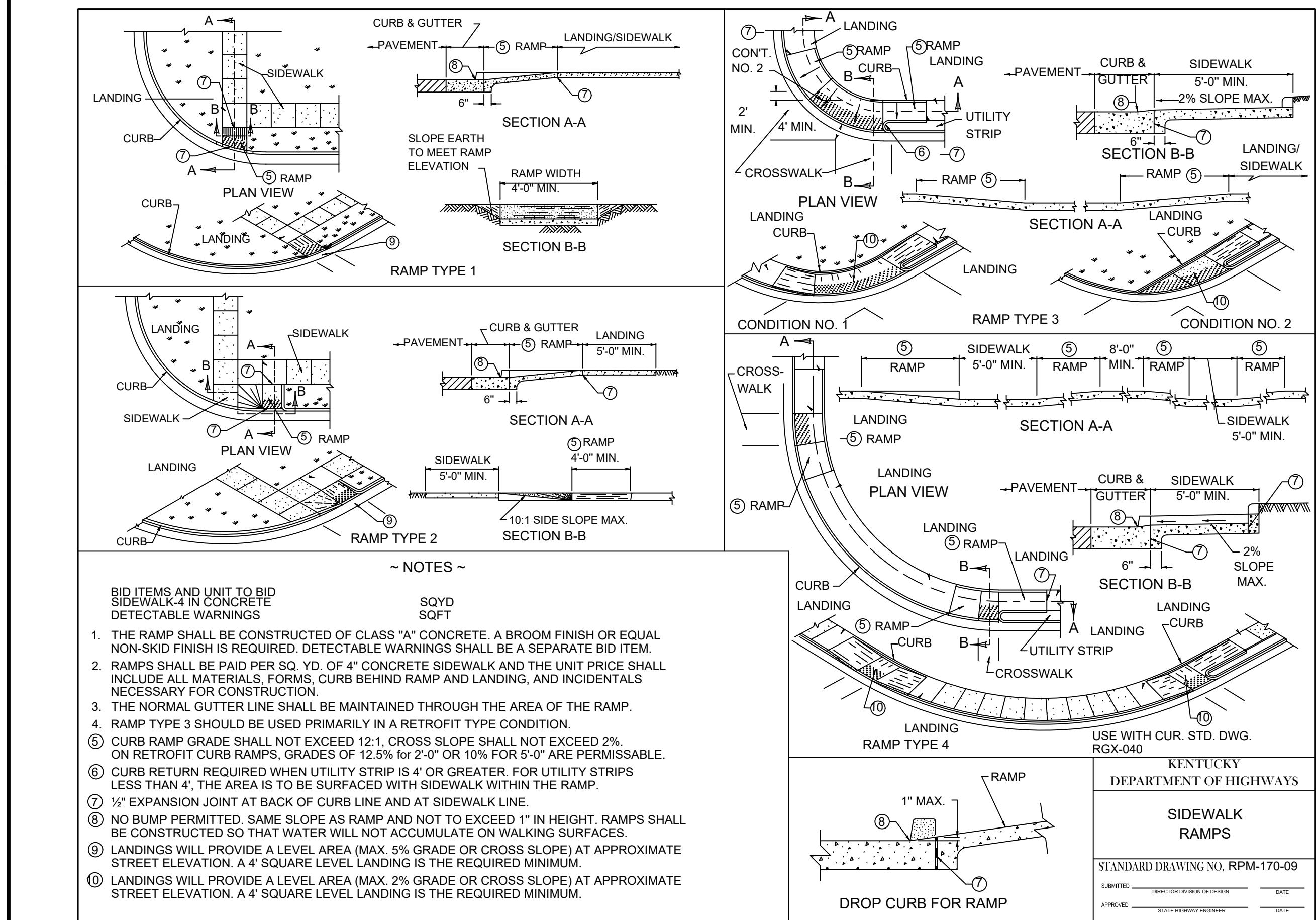
SITE MAP





BLOSSOM LANE AND VALLEY VIEW DRIVE STREET IMPROVEMENTS	
- THE CITY OF SOUTHGATE, CAMPBELL CO. KENTUCKY -	
DETAIL SHEET	
PROJECT NO.	37135
DISCIPLINE	CIVIL
SHEET NAME	C3
SHEET	3
OF	13



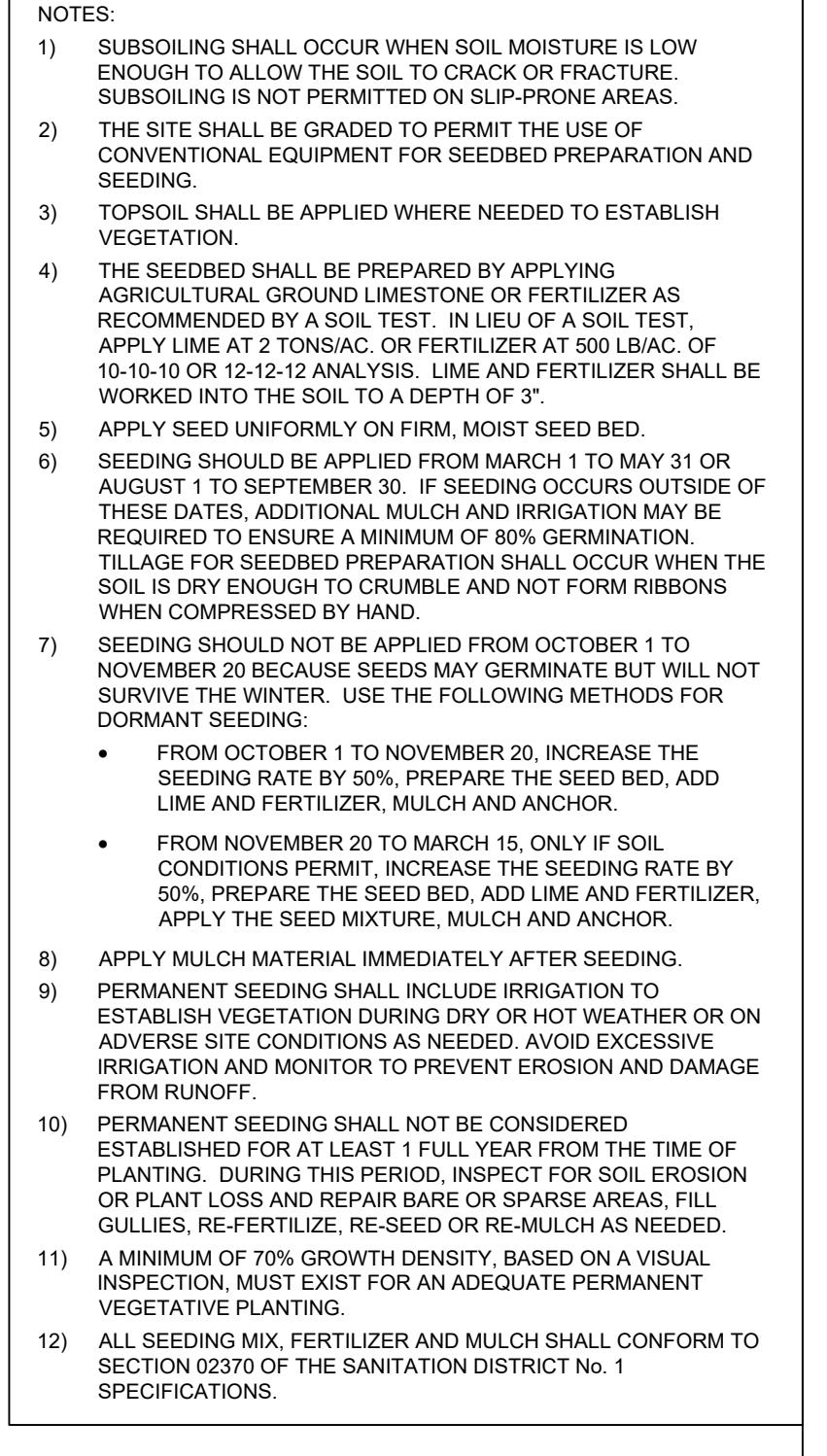


STORM WATER POLLUTION PREVENTION NOTES

1. SANITATION DISTRICT NO. 1 IS TO BE CONTACTED 72 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY AT 859-578-6692
2. ALL EROSION AND SEDIMENTATION CONTROL SHALL BE PERFORMED AS SHOWN ON THE PLANS, AND SHALL BE IN COMPLIANCE WITH THE LATEST CONSTRUCTION ACTIVITY "NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM" RULES AND REGULATIONS AND SECTION 02370 OF SD1 SPECIFICATIONS.
3. A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND A COPY OF THE "NOTICE OF INTENT" (NOI) SHALL BE KEPT ON SITE.
4. AN AMENDMENT OF THE SWPPP IS REQUIRED WHENEVER A CHANGE IN DESIGN, 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.
5. THE CONTRACTOR SHALL ALSO MAINTAIN THE FOLLOWING RECORDS ON SITE:
 - A. GENERAL CONTRACTOR AND/OR SUBCONTRACTOR SWPPP CERTIFICATIONS
 - B. THE DATE, TIME, AND EXACT LOCATION OF THE INSPECTION, AND THE NAME OF THE INSPECTOR
 - C. AN ASSESSMENT OF THE CONSTRUCTION ACTIVITY
 - D. A DESCRIPTION OF AN EROSION CONTROL IMPLEMENTATION AND MAINTENANCE PERFORMED
 - E. A DESCRIPTION OF THE PRESENT PHASE OF CONSTRUCTION AT THE SITE
6. CONSTRUCTION SEQUENCE
 - ALL FENCE, SILT FENCE, INLET PROTECTION AND OTHER EROSION CONTROLS SHALL BE IN PLACE BEFORE ANY EARTH MOVING ACTIVITIES BEGUN
 - THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THE AREAS PLANNED FOR EARTH MOVING.
 - REMOVE TOPSOIL, STOCKPILE IT, AND INSTALL SILT FENCE AROUND PERIMETER.
 - SEED SOIL STOCKPILE WITH PERENNIAL RYE GRASS AND MULCH WITH STRAW IF NO TO BE DISTURBED FOR MORE THAN 21 DAYS.
 - INSTAL STORM SEWER SYSTEM AND SURFACE STORM INLET AND MANHOLE PROTECTION WHERE REQUIRED.
 - ESTABLISH A TEMPORARY SEEDING ON ALL BARE AREAS THAT ARE TO REMAIN UNDISTURBED FOR MORE THAN 21 DAYS, SEED WITH PERENNIAL 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.
7. EROSION CONTROLS MUST BE INSPECTED ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF 0.5" OR GREATER RAINFALL. REMOVE ACCUMULATED SEDIMENT FROM EROSION CONTROLS.
8. TEMPORARY SEEDING SHALL BE PERENNIAL RYE GRASS (40 LB / ACRE) AND MULCH AT 3 BALES OF STRAW PER 1000 S.F.
9. CONTRACTOR IS RESPONSIBLE FOR OBTAINING BORROW MATERIAL ONSITE AND / OR DISPOSING OF EXCESS MATERIAL OFF SITE AS REQUIRED TO MEET INDICATED DESIGN ELEVATIONS.
10. DEBRIS SHALL BE COLLECTED WITHIN PROPERTY LIMITS WEEKLY OR AS NEEDED FOR PUBLIC SAFETY. SURROUNDING STREETS AFFECTED BY THE CONSTRUCTION SHALL BE CLEANED DAILY OR AS NEEDED FOR PUBLIC SAFETY. SEE CONSTRUCTION ENTRANCE DETAIL IN SWPPP DETAILS SHEET.
11. THE CONSTRUCTION OF BMPs SHALL BE REVISED OR ADDED IF DEEMED NECESSARY PER SECTION 1000 OF THE SANITATION DISTRICT 1 REGULATIONS.
12. CONTACT SANITATION DISTRICT NO. 1 72 HOURS PRIOR TO INSTALLATION OF THE WATER QUALITY FEATURE.

NOTES:

- 1) SUBSOILING SHALL OCCUR WHEN SOIL MOISTURE IS LOW ENOUGH TO ALLOW THE SOIL TO CRACK OR FRACTURE. SUBSOILING IS NOT PERMITTED ON SLIP PRONE AREAS.
- 2) THE SITE SHALL BE GRADED TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDED PREPARATION AND SEEDING.
- 3) TOPSOIL SHALL BE APPLIED WHERE NEEDED TO ESTABLISH VEGETATION.
- 4) THE SEEDBED SHALL BE PREPARED BY APPLYING AGRICULTURAL GROUND LIMESTONE OR FERTILIZER AS RECOMMENDED BY A SOIL TEST. APPROXIMATELY 100 POUNDS OF FERTILIZER AT 500 LB/AC, OR 10-10-10 OR 12-12-12 ANALYSIS. LIME AND FERTILIZER SHALL BE WORKED INTO THE SOIL TO A DEPTH OF 3".
- 5) APPLY SEED UNIFORMLY ON FIRM, MOIST SEED BED.
- 6) SEEDING SHOULD BE APPLIED FROM MARCH 1 TO MAY 31 OR AUGUST 1 TO SEPTEMBER 30. IF SEEDING OCCURS OUTSIDE OF THESE DATES ADDITIONAL MULCH AND IRRIGATION MAY BE REQUIRED TO ENSURE A MINIMUM OF 80% GROWTH DENSITY. TILLING FOR SEEDING OR PLANTING SHALL NOT OCCUR WHEN THE SOIL IS DRY ENOUGH TO CRUMBLE AND NOT FORM RIBBONS WHEN COMPRESSED BY HAND.
- 7) SEEDING SHOULD NOT BE APPLIED FROM OCTOBER 1 TO NOVEMBER 20 BECAUSE SEEDS MAY GERMINATE BUT WILL NOT SURVIVE THE WINTER. USE THE FOLLOWING METHODS FOR DORMANT SEEDING:
 - FROM OCTOBER 1 TO NOVEMBER 20, INCREASE THE SEEDING RATE BY 50%. PREPARE THE SEED BED, ADD LIME AND FERTILIZER, MULCH AND ANCHOR.
 - FROM NOVEMBER 21 TO MARCH 15, ONLY IF SOIL CONDITIONS PERMIT THE SEED BED, ADD LIME AND FERTILIZER BY 50%. PREPARE THE SEED BED, ADD LIME AND FERTILIZER, MULCH AND ANCHOR.
- 8) APPLY MULCH MATERIAL IMMEDIATELY AFTER SEEDING.
- 9) PERMANENT SEEDING SHALL INCLUDE IRRIGATION TO ESTABLISH VEGETATION DURING DRY OR HOT WEATHER OR ON ADVERSE SITE CONDITIONS AS NEEDED. AVOID EXCESSIVE IRRIGATION AND MONITOR TO PREVENT EROSION AND DAMAGE FROM RUNOFF.
- 10) PERMANENT SEEDING SHALL NOT BE CONSIDERED ESTABLISHED UNTIL AT LEAST 100% GROWTH DENSITY FROM THE TIME OF PLANTING. DURING THIS PERIOD, INSPECT FOR SOIL EROSION OR PLANT LOSS AND REPAIR BARE OR SPARSE AREAS. FILL GULLIES, RE-FERTILIZE, RE-SEED OR RE-MULCH AS NEEDED.
- 11) A MINIMUM OF 70% GROWTH DENSITY, BASED ON A VISUAL INSPECTION, MUST EXIST FOR AN ADEQUATE PERMANENT VEGETATIVE PLANTING.
- 12) ALL SEEDING MIX, FERTILIZER AND MULCH SHALL CONFORM TO SECTION 02370 OF THE SANITATION DISTRICT No. 1 SPECIFICATIONS.



CE

SCALE: NONE

NOTES:

- 1) THE SEED BED SHALL BE PULVERIZED AND LOOSE TO ENSURE THE PROCESS OF ESTABLISHING VEGETATION.
- 2) SOIL AMENDMENTS MAY BE REQUIRED TO ESTABLISH ADEQUATE VEGETATION. PERFORM SOIL TESTS ON THE SITE TO PREDICT THE NEED FOR LIME AND FERTILIZER.
- 3) APPLY SEED UNIFORMLY. COVER BROADCASTED SEED BY RAKING OR DRAGGING AND THEN LIGHTLY TAMPING INTO PLACE.
- 4) APPLY MULCHING IMMEDIATELY AFTER SEEDING.
- 5) SEEDING SHALL BE INSPECTED FOR BARE SPOTS AND WASHOUTS, AND RESEEDED AS NECESSARY.

TEMPORARY SEEDING SPECIES SELECTION			
DATES	SPECIES	LB/1,000 SF	LB/AC.
MARCH 1 TO AUGUST 15	OATS	3	128
	TALL FESCUE	1	40
	PERENNIAL RYEGRASS	2	40
	TALL FESCUE	1	40
AUGUST 16 TO NOVEMBER 1	RYE	3	112
	TALL FESCUE	1	40
	PERENNIAL RYEGRASS	1	40
	WHEAT	3	120
	TALL FESCUE	1	40
	PERENNIAL RYEGRASS	1	40
	PERENNIAL RYEGRASS	2	40
	TALL FESCUE	1	40
NOVEMBER 1 TO SPRING	ONLY MULCH OR DORMANT SEEDING.		

TEMPORARY SEEDING DETAIL

SCALE: NONE

NOTES:

1. WASHOUT PIT SHALL LOCATE 100' MINIMUM FROM INLETS, STREAMS, WETLANDS AND ANY OTHER SURFACE WATERS.
2. ALL EXCESS CONCRETE AND CONCRETE WASHOUT, INCLUDING FROM HAND MIXERS AND LIGHT EQUIPMENT, SHALL BE DISPOSED OF IN THE CONCRETE WASHOUT AREA. DISPOSAL OF EXCESS CONCRETE OR CONCRETE WASHOUT ON THE GROUND, OR IN STORM DRAINS, DITCHES OR WATER BODIES, IS PROHIBITED.
3. CONCRETE WASHOUT AREA SHALL BE SUFFICIENT SIZE TO CONTAIN CONCRETE WASTE GENERATED. FOR LARGER SITES, MULTIPLE CONCRETE WASHOUT AREAS MAY BE REQUIRED.
4. IF CONCRETE WASHOUT AREA IS LOCATED AWAY FROM A PAVED SURFACE, CONSTRUCT A GRAVEL ACCESS ROUTE EQUAL IN COMPOSITION TO THE CONSTRUCTION ENTRANCE.
5. PLACEMENT LINES SHALL BE DOUBLE-LINED, CONTINUOUS 10-MIL POLYETHYLENE SHEETING FREE OF HOLES, TEARS OR OTHER DEFECTS, AND INSTALLED ON A SMOOTH, LEVEL SURFACE, FREE OF ROCKS OR DEBRIS.
6. CONCRETE WASHOUT SIGNAGE SHALL BE CLEARLY VISIBLE AND LOCATED WITHIN 30 FEET OF EACH WASHOUT AREA.
7. CONCRETE WASHOUT AREAS SHALL BE COVERED DURING INCLEMENT WEATHER TO PREVENT OVER-FLOWS.
8. PREFABRICATED, PORTABLE AND RE-USABLE CONCRETE WASHOUT CONTAINERS ARE ACCEPTABLE, BUT MUST BE SPECIFICALLY DESIGNED FOR CONCRETE WASHOUT USE.
9. CONCRETE WASHOUT SHIELD SHALL BE INSPECTED DAILY TO CHECK FOR DAMAGE AND TO DETERMINE IF IT NEEDS CLEANED OR REPLACED. ANY DAMAGE TO THE SIDEWALLS OR POLYETHYLENE SHEETING SHALL BE REPAIRED IMMEDIATELY. THE CONCRETE WASHOUT AREA SHALL BE CLEANED OR REPLACED WHEN IT IS 75% FULL. THE POLYETHYLENE SHEETING SHALL BE REPLACED AFTER EACH CLEANING.
10. SAW CUT CONCRETE, RESIDUE FROM SAW CUT, AND GRINDINGS SHALL BE DISPOSED OF IN THE WASHOUT PIT.

CONCRETE WASHOUT DETAIL

SCALE: NONE

NOTES:

1. FILTER SOCKS SHALL BE 3 OR 5 MIL CONTINUOUS, TUBULAR, HDPE 3/8" KNITTED MESH NETTING MATERIAL, FILLED WITH COMPOST.
2. COMPOST SHALL BE WEED, PATHOGEN AND INSECT FREE, FREE OF ANY REFUSE, CONTAMINANTS OR OTHER MATERIALS TOXIC TO PLANT GROWTH, BE DERIVED FROM A WELL-DECOMPOSED SOURCE, AND CONSIST OF PARTICLES RANGING FROM 3/8" TO 2".
3. FILTER SOCKS SHALL BE PLACED ON A LEVEL LINE ACROSS SLOPES PARALLEL TO THE BASE OF THE SLOPE.
4. FILTER SOCKS SHALL BE PLACED AT LEAST 5' FROM THE TOE OF SLOPE FOR SEDIMENT DEPOSIT.
5. BUILT UP SEDIMENT SHALL BE REMOVED WHEN IT HAS REACHED 1/3 THE FILTER SOCK HEIGHT.
6. WHEN A FILTER SOCK IS NO LONGER REQUIRED, IT SHALL BE DISPERSED ON-SITE.
7. THE MAXIMUM DRAINAGE AREA PER 100 FEET OF FILTER SOCK IS 1/2 ACRE AND IS DEPENDENT ON THE SLOPE:

MAX. SLOPE LENGTH ABOVE FILTER SOCK					
SLOPE	RATIO (H:V)	8"	12"	18"	24"
0% - 2%	0 - 5:1	125'	250'	300'	350'
2% - 10%	50:1 - 10:1	100'	125'	200'	250'
10% - 20%	10:1 - 5:1	75'	100'	150'	200'

FILTER SOCK DETAIL

SCALE: NONE

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FILTER SOCK DETAIL

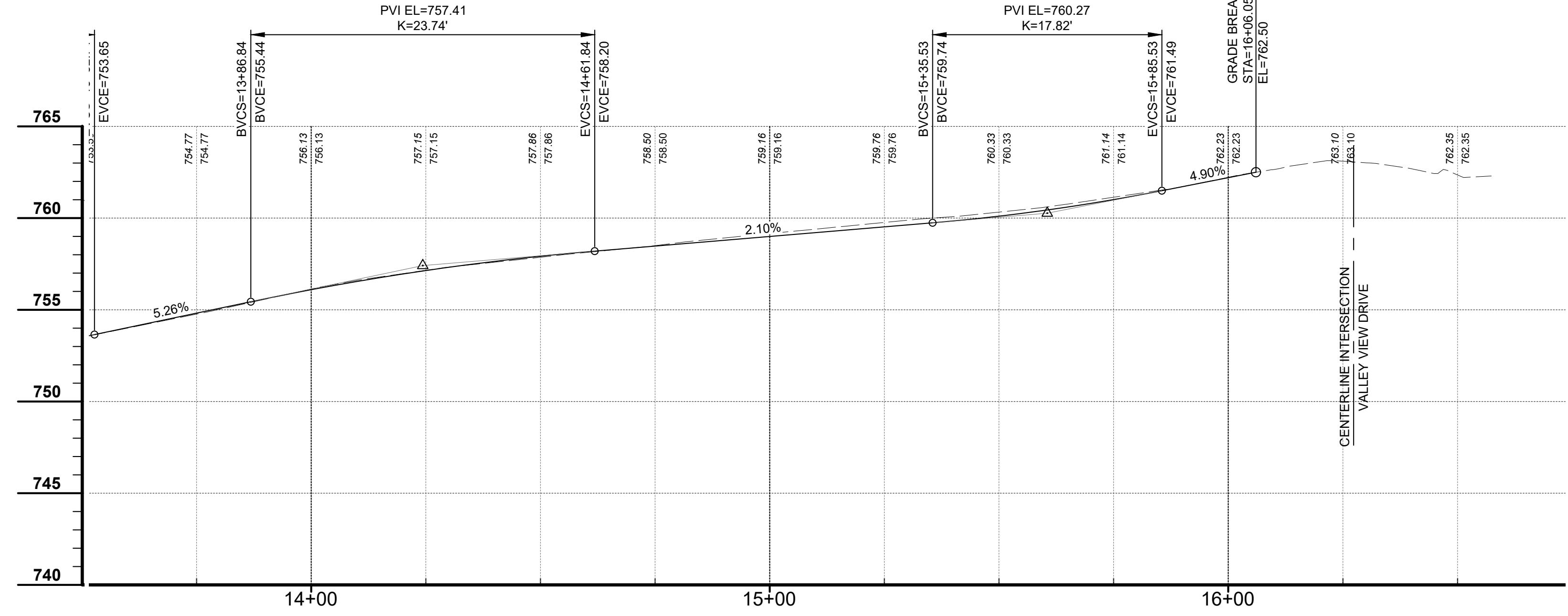
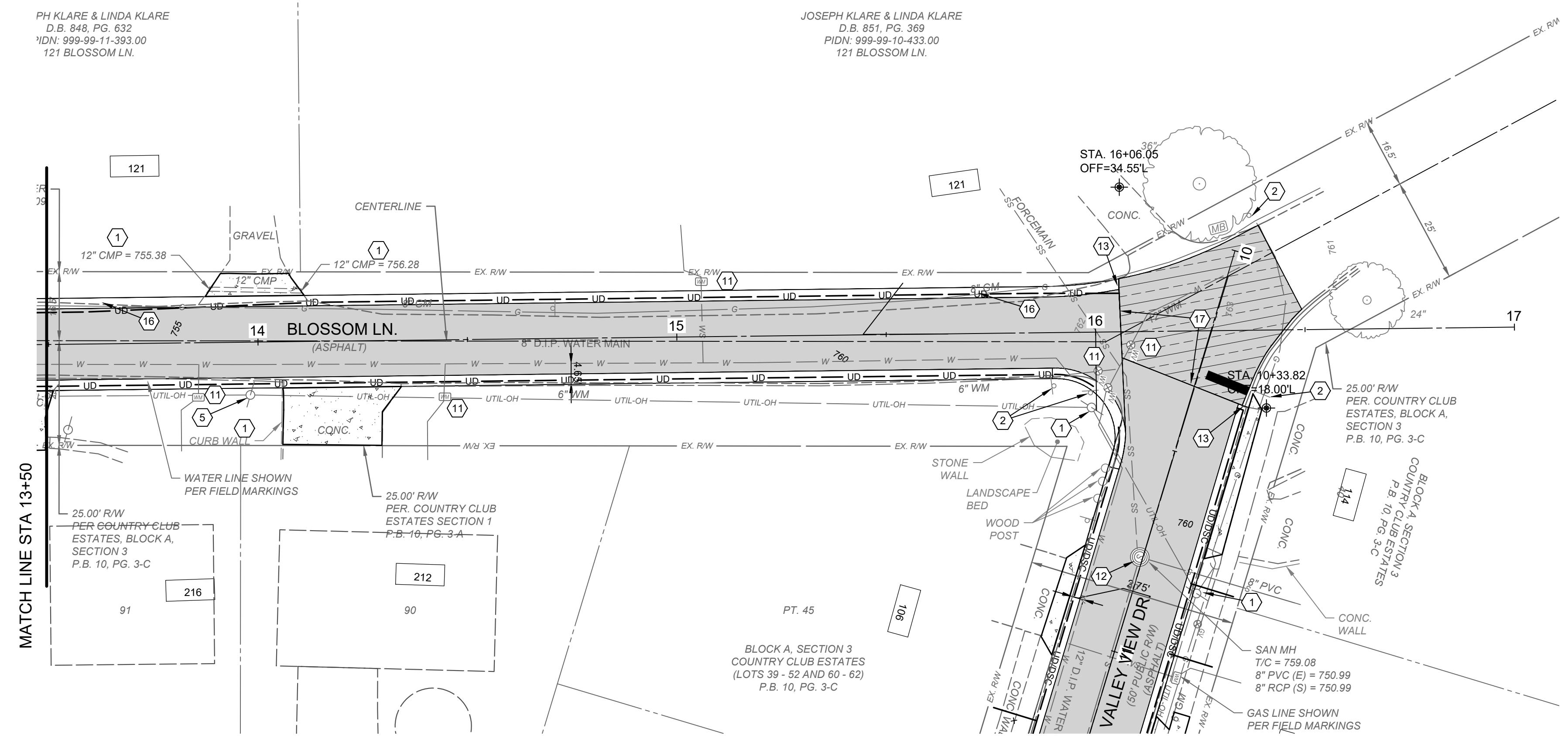
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A scale bar with a black and white striped pattern, labeled '0' at the left end and '20' at the right end. Below the scale bar, the text 'SCALE: 1" = 20 ' is printed. To the left of the scale bar, there is descriptive text about the coordinate system.

STRUCTION NOTES

DO NOT DISTURB

REMOVE, SALVAGE, & REINSTALL/RELOCATE EXIST. SIGN OR MAILBOX (INCIDENTAL TO ITEM 202 - CLEARING AND GRUBBING).

INSTALL STANDARD DOUBLE GRATE CURB INLET PER DETAIL. CONNECT TO EXISTING PIPE OR PROPOSED PIPE AS SHOWN ON PLAN. EXISTING AND PROPOSED PIPE CONNECTIONS TO THE CURB INLET SHALL BE INCIDENTAL TO "DOUBLE GRATE CURB INLET" ITEM.

INSTALL DOUBLE GRATE CURB INLET WITH MOUNTABLE GRATE POWER POLE TO BE RELOCATED BY UTILITY OWNER.

24" STOP BAR - WHITE THERMOPLASTIC

CONNECT EXISTING PIPE TO PROPOSED STORM STRUCTURE (INCIDENTAL TO THE DOUBLE GRATE CURB INLET ITEM)

NOT USED

INSTALL TRANSVERSE UNDERDRAIN PER DETAIL (SHEET 2). CONNECT TO PROPOSED EDGE DRAIN.

CONNECT PROP. UNDERDRAIN TO CURB INLET (INCIDENTAL TO UNDERDRAIN ITEM)

ADJUST VALVE OR METER TO FINISHED GRADE

ADJUST SANITARY MANHOLE TO GRADE PER SD1 SPECIFICATIONS

TRANSITION TO MATCH EXISTING CURB AND/OR SIDEWALK OVER 4 FEET.

CONTRACTOR TO EXPOSE UTILITY PRIOR TO CONSTRUCTION TO DETERMINE ACTUAL LOCATION. NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS (INCIDENTAL TO CONTRACT)

REMOVE EXISTING DRAINAGE STRUCTURE (INCLUDED IN CLEARING AND GRUBBING)

CONTRACTOR TO COORDINATE UNDERDRAIN LOCATIONS WITH EXISTING 8" GAS MAIN. COORDINATE WORK WITH THE CITY AND DUKE ENERGY.

SAWCUT EXISTING PAVEMENT. MATCH EXISTING PAVEMENT LINE AND GRADE.

ADJUST CURB LOCATION AND INLET LOCATION AS NEEDED TO AVOID GAS MAIN. SUPPORT AND PROTECT GAS MAIN. COORDINATE WORK WITH DUKE GAS.

CONSTRUCT HANDICAPP RAMP PER DETAIL SHEET C4.

CONNECT DOWNSPOUT LINE TO COLLECTOR LINE. SEE DETAIL SHEET C4.

REMOVE EXISTING MODULAR BLOCK RETAINING WALL AND REPLACE WITH MODULAR BLOCK RETAINING WALL PER DETAIL SHEET C4.

REMOVE AND REPLACE EXISTING DOUBLE CURB BOX INLET PER DETAIL SHEET C4. RECONNECT EXISTING STORM PIPES.

161 CHAMBER CENTER DRIVE
RT MITCHELL, KENTUCKY 41017
TEL. (859) 525-0544
WWW.VERDANTAS.COM

BLLOSSOM LANE AND VALLEY VIEW DRIVE STREET IMPROVEMENTS

THE CITY OF SOUTHgate SAWMILL SO. KENTUCKY

PROJECT NO.
37135
DISCIPLINE
CIVIL
SHEET NAME
C7
SHEET **7** OF **13**

HATCH LEGEND

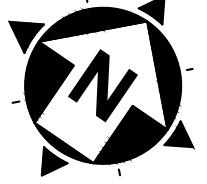
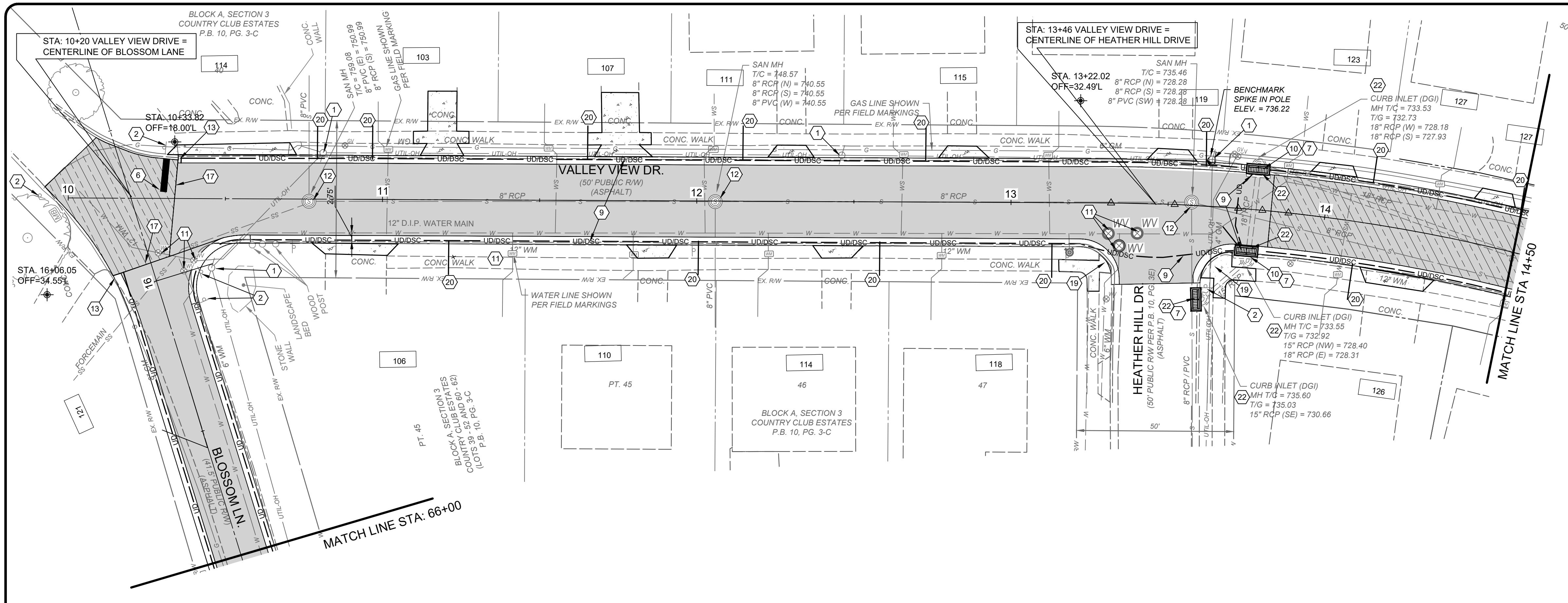
PROPOSED PAVEMENT REPLACEMENT
CURB AND GUTTER SECTION WITH
EDGE DRAIN

ASPHALT PAVEMENT OVERLAY ON
EXISTING CONCRETE STREET WITH
ASPHALT OVERLAY

6" CONCRETE DRIVEWAY
REPLACEMENT
- SEE DETAIL SHEET

ASPHALT DRIVEWAY
REPLACEMENT
- SEE DETAIL SHEET

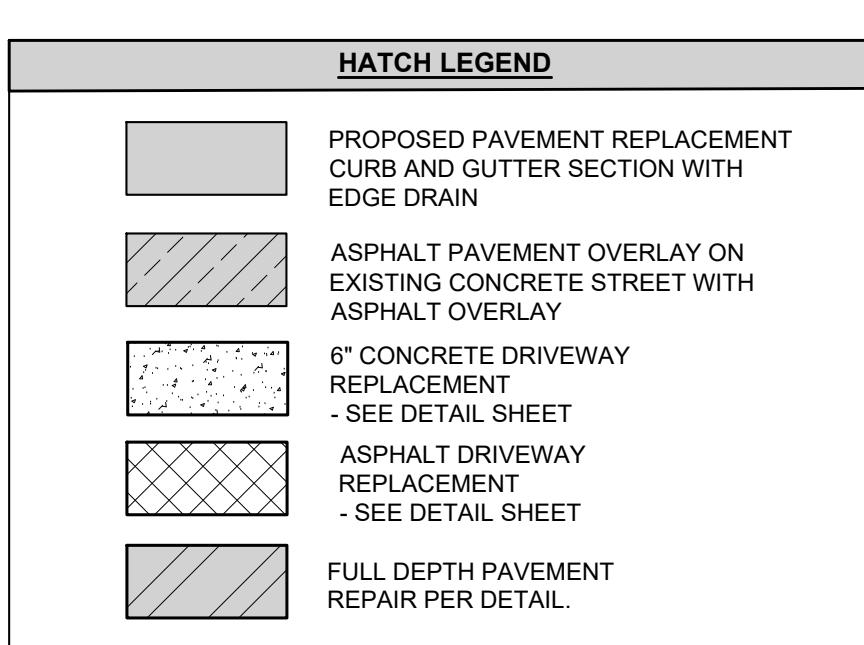
FULL DEPTH PAVEMENT
REPAIR PER DETAIL.



**NORTH AND BEARING SYSTEM
BASED ON NAD83 (2011) KENTUCKY
STATE PLANE, NORTH ZONE,
US FOOT.**

CONSTRUCTION NOTES

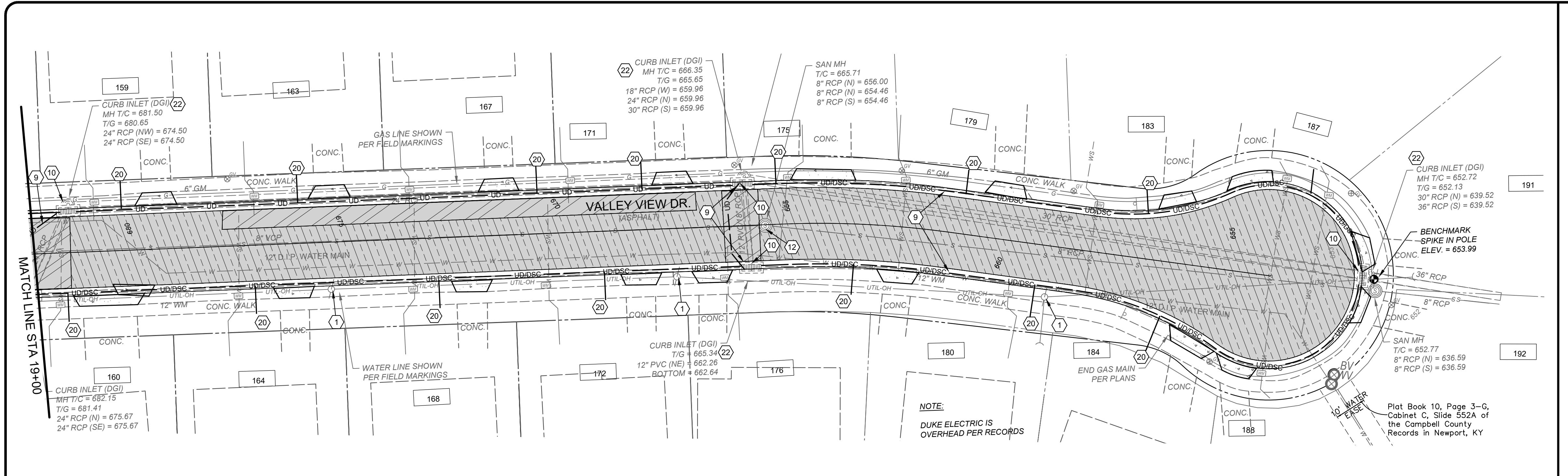
- ① DO NOT DISTURB
- ② REMOVE, SALVAGE, & REINSTALL/RELOCATE EXIST. SIGN OR MAILBOX (INCIDENTAL TO ITEM 202 - CLEARING AND GRUBBING).
- ③ INSTALL STANDARD DOUBLE GRATE CURB INLET PER DETAIL. CONNECT TO EXISTING PIPE OR PROPOSED PIPE AS SHOWN ON PLAN. EXISTING AND PROPOSED PIPE CONNECTIONS TO THE CURB INLET SHALL BE INCIDENTAL TO "DOUBLE GRATE CURB INLET" ITEM.
- ④ INSTALL DOUBLE GRATE CURB INLET WITH MOUNTABLE GRATE
- ⑤ POWER POLE TO BE RELOCATED BY UTILITY OWNER.
- ⑥ 24" STOP BAR - WHITE THERMOPLASTIC
- ⑦ CONNECT EXISTING PIPE TO PROPOSED STORM STRUCTURE (INCIDENTAL TO THE DOUBLE GRATE CURB INLET ITEM)
- ⑧ NOT USED
- ⑨ INSTALL TRANSVERSE UNDERDRAIN PER DETAIL (SHEET 2). CONNECT TO PROPOSED EDGE DRAIN.
- ⑩ CONNECT PROP. UNDERDRAIN TO CURB INLET (INCIDENTAL TO UNDERDRAIN ITEM)
- ⑪ ADJUST VALVE OR METER TO FINISHED GRADE
- ⑫ ADJUST SANITARY MANHOLE TO GRADE PER SD1 SPECIFICATIONS
- ⑬ TRANSITION TO MATCH EXISTING CURB AND/OR SIDEWALK OVER 4 FEET.
- ⑭ CONTRACTOR TO EXPOSE UTILITY PRIOR TO CONSTRUCTION TO DETERMINE ACTUAL LOCATION. NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS (INCIDENTAL TO CONTRACT)
- ⑮ REMOVE EXISTING DRAINAGE STRUCTURE (INCLUDED IN CLEARING AND GRUBBING)
- ⑯ CONTRACTOR TO COORDINATE UNDERDRAIN LOCATIONS WITH EXISTING 8" GAS MAIN. COORDINATE WORK WITH THE CITY AND DUKE ENERGY.
- ⑰ SAWCUT EXISTING PAVEMENT. MATCH EXISTING PAVEMENT LINE AND GRADE.
- ⑱ ADJUST CURB LOCATION AND INLET LOCATION AS NEEDED TO AVOID GAS MAIN. SUPPORT AND PROTECT GAS MAIN. COORDINATE WORK WITH DUKE GAS.
- ⑲ CONSTRUCT HANDICAPP RAMP PER DETAIL SHEET C4.
- ⑳ CONNECT DOWNSPOUT LINE TO COLLECTOR LINE. SEE DETAIL SHEET C4.
- ㉑ REMOVE EXISTING MODULAR BLOCK RETAINING WALL AND REPLACE WITH MODULAR BLOCK RETAINING WALL PER DETAIL SHEET C4.
- ㉒ REMOVE AND REPLACE EXISTING DOUBLE CURB BOX INLET PER DETAIL SHEET C4. RECONNECT EXISTING STORM PIPES.



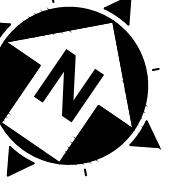
**BLOSSOM LANE AND VALLEY VIEW
DRIVE STREET IMPROVEMENTS**

PROJECT NO.	
37135	
DISCIPLINE	
CIVIL	
SHEET NAME	
C8	
SHEET	OF
8	13

311 CHAMBER CENTER DRIVE
KRT MITCHELL, KENTUCKY 41017
TEL. (859) 525-0544



20' 0' 20'
SCALE: 1" = 20'
NORTH AND BEARING SYSTEM
BASED ON NAD83 (2011) KENTUCKY
STATE PLANE, NORTH ZONE,
US FOOT.



NORTH AND BEARING SYSTEM
BASED ON NAD83 (2011) KENTUCKY
STATE PLANE, NORTH ZONE,
US FOOT.

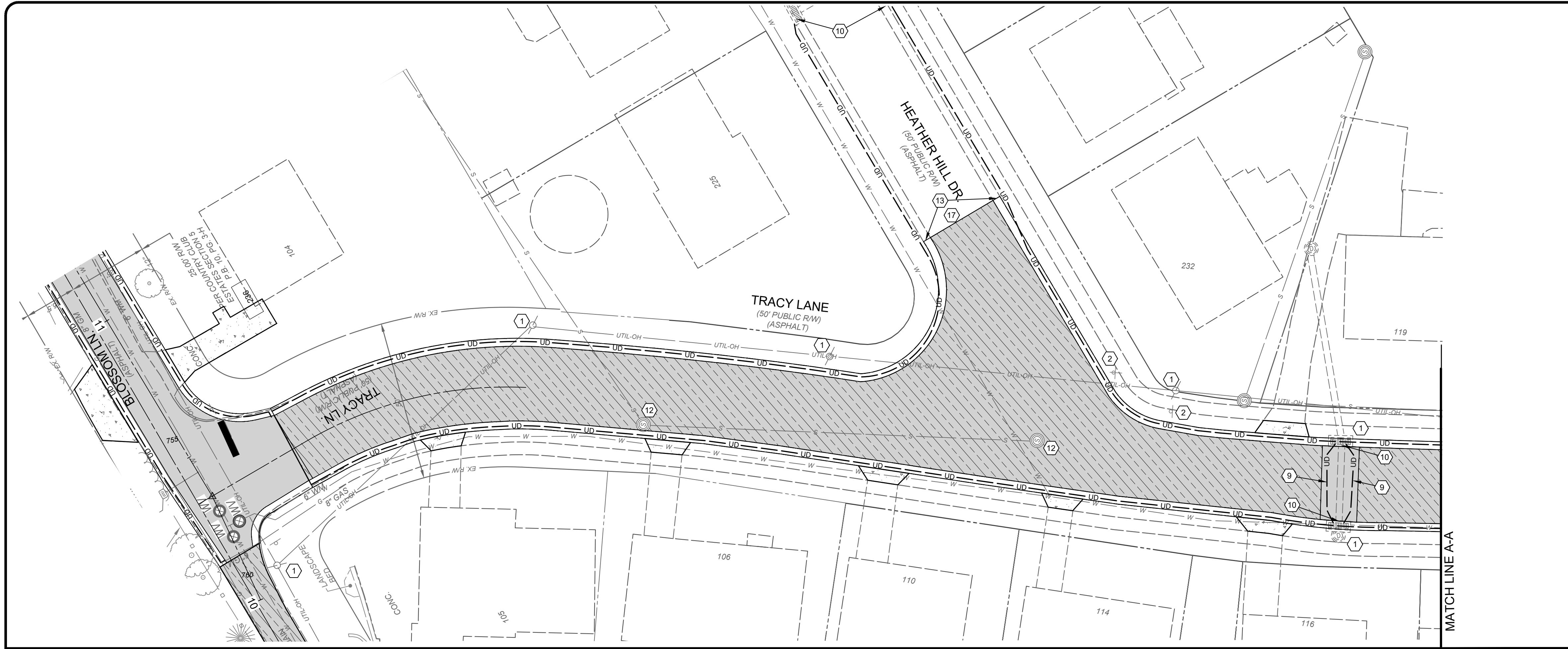
verdant's

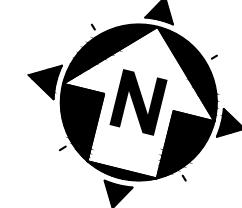
2161 CHAMBER CENTER DRIVE
FORT MITCHELL, KENTUCKY 41017
TEL: (859) 525-0544
WWW.VERDANTS.COM

CONSTRUCTION NOTES					
①	DO NOT DISTURB				
②	REMOVE, SALVAGE, & REINSTALL/RELOCATE EXIST. SIGN OR MAILBOX TO ITEM 202 - CLEARING AND GRUBBING.				
③	INSTALL STANDARD DOUBLE GRATE CURB INLET PER DETAIL. CONNECT TO EXISTING PIPE OR PROPOSED PIPE AS SHOWN ON PLAN. EXISTING AND PROPOSED PIPE CONNECTIONS TO THE CURB INLET SHALL BE INCIDENTAL TO "DOUBLE GRATE CURB INLET" ITEM.				
④	INSTALL DOUBLE GRATE CURB INLET WITH MOUNTABLE GRATE				
⑤	POWER POLE TO BE RELOCATED BY UTILITY OWNER.				
⑥	24" STOP BAR - WHITE THERMOPLASTIC				
⑦	CONNECT EXISTING PIPE TO PROPOSED STORM STRUCTURE (INCIDENTAL TO THE DOUBLE GRATE CURB INLET ITEM)				
⑧	NOT USED				
⑨	INSTALL TRANSVERSE UNDERDRAIN PER DETAIL (SHEET 2). CONNECT TO PROPOSED EDGE DRAIN.				
⑩	CONNECT PROP. UNDERDRAIN TO CURB INLET (INCIDENTAL TO UNDERDRAIN ITEM)				
⑪	ADJUST VALVE OR METER TO FINISHED GRADE				
⑫	ADJUST SANITARY MANHOLE TO GRADE PER SD1 SPECIFICATIONS				
⑬	TRANSITION TO MATCH EXISTING CURB AND/OR SIDEWALK OVER 4 FEET.				
⑭	CONTRACTOR TO EXPOSE UTILITY PRIOR TO CONSTRUCTION TO DETERMINE ACTUAL LOCATION. NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS (INCIDENTAL TO CONTRACT)				
⑮	REMOVE EXISTING DRAINAGE STRUCTURE (INCLUDED IN CLEARING AND GRUBBING)				
⑯	CONTRACTOR TO COORDINATE UNDERDRAIN LOCATIONS WITH EXISTING 8" GAS MAIN. COORDINATE WORK WITH THE CITY AND DUKE ENERGY.				
⑰	SAWCUT EXISTING PAVEMENT: MATCH EXISTING PAVEMENT LINE AND GRADE.				
⑱	ADJUST CURB LOCATION AND INLET LOCATION AS NEEDED TO AVOID GAS MAIN. SUPPORT AND PROTECT GAS MAIN. COORDINATE WORK WITH DUKE GAS.				
⑲	CONSTRUCT HANDICAPP RAMP PER DETAIL SHEET C4.				
⑳	CONNECT DOWNSPOUT LINE TO COLLECTOR LINE. SEE DETAIL SHEET C4.				
㉑	REMOVE EXISTING MODULAR BLOCK RETAINING WALL AND REPLACE WITH MODULAR BLOCK RETAINING WALL PER DETAIL SHEET C4.				
㉒	REMOVE AND REPLACE EXISTING DOUBLE CURB BOX INLET PER DETAIL SHEET C4. RECONNECT EXISTING STORM PIPES.				

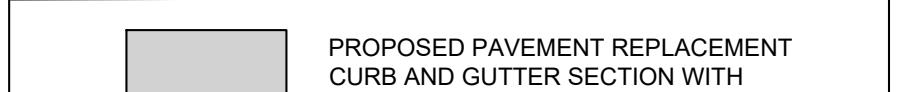
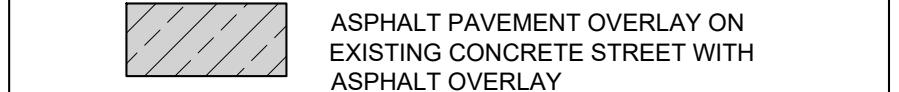
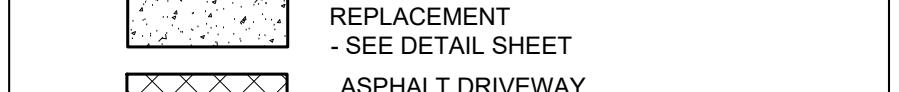
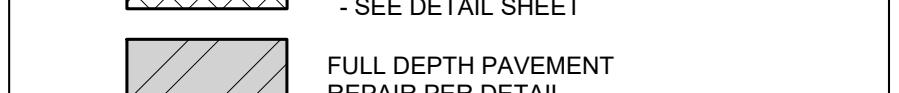
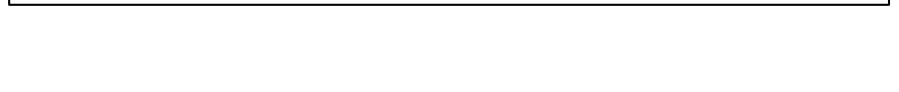
BLOSSOM LANE AND VALLEY VIEW DRIVE STREET IMPROVEMENTS - THE CITY OF SOUTHGATE, CAMPBELL CO., KENTUCKY -		VALLEY VIEW DRIVE PNP SHEET 2	
PROJECT NO.	37135	ISSUED FOR:	BIDDING
DISCIPLINE	CIVIL	ISSUE DATE:	1/14/2026
SHEET NAME	C9	AS NOTED	NO
SHEET OF	9	DRAWN BY:	DGAR
CHECKED BY:	JSHU	DESIGNED BY:	DGAR

HATCH LEGEND	
	PROPOSED PAVEMENT REPLACEMENT CURB AND GUTTER SECTION WITH EDGE DRAIN
	ASPHALT PAVEMENT OVERLAY ON EXISTING CONCRETE STREET WITH ASPHALT OVERLAY
	6" CONCRETE DRIVEWAY REPLACEMENT - SEE DETAIL SHEET
	ASPHALT DRIVEWAY REPLACEMENT - SEE DETAIL SHEET
	FULL DEPTH PAVEMENT REPAIR PER DETAIL



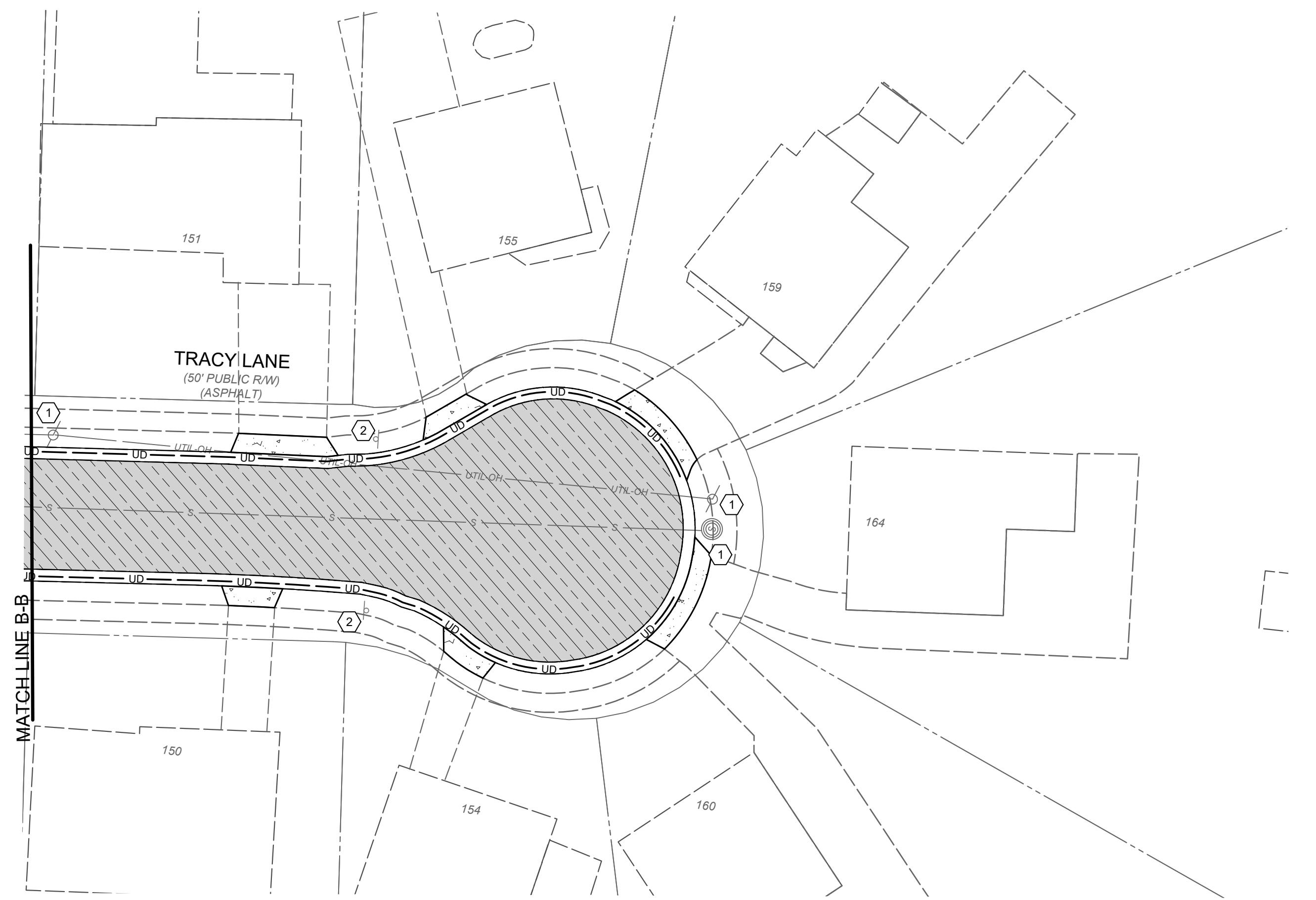
 NORTH AND BEARING SYSTEM BASED ON NAD83 (2011) KENTUCKY STATE PLANE, NORTH ZONE, US FOOT.	
20' 0' 20' SCALE: 1" = 20'	
CONSTRUCTION NOTES	
① DO NOT DISTURB ② REMOVE, SALVAGE, & REINSTALL/RELOCATE EXIST. SIGN OR MAILBOX (INCIDENTAL TO ITEM 202 - CLEARING AND GRUBBING). ③ INSTALL STANDARD DOUBLE GRATE CURB INLET PER DETAIL. CONNECT TO EXISTING PIPE OR PROPOSED PIPE AS SHOWN ON PLAN. EXISTING AND PROPOSED PIPE CONNECTIONS TO THE CURB INLET SHALL BE INCIDENTAL TO "DOUBLE GRATE CURB INLET" ITEM. ④ INSTALL DOUBLE GRATE CURB INLET WITH MOUNTABLE GRATE ⑤ POWER POLE TO BE RELOCATED BY UTILITY OWNER. ⑥ 24" STOP BAR - WHITE THERMOPLASTIC ⑦ CONNECT EXISTING PIPE TO PROPOSED STORM STRUCTURE (INCIDENTAL TO THE DOUBLE GRATE CURB INLET ITEM) ⑧ NOT USED ⑨ INSTALL TRANSVERSE UNDERDRAIN PER DETAIL (SHEET 2). CONNECT TO PROPOSED EDGE DRAIN. ⑩ CONNECT PROP. UNDERDRAIN TO CURB INLET (INCIDENTAL TO UNDERDRAIN ITEM) ⑪ ADJUST VALVE OR METER TO FINISHED GRADE ⑫ ADJUST SANITARY MANHOLE TO GRADE PER SD1 SPECIFICATIONS ⑬ TRANSITION TO MATCH EXISTING CURB AND/OR SIDEWALK OVER 4 FEET ⑭ CONTRACTOR TO EXPOSE UTILITY PRIOR TO CONSTRUCTION TO DETERMINE ACTUAL LOCATION. NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS (INCIDENTAL TO CONTRACT) ⑮ REMOVE EXISTING DRAINAGE STRUCTURE (INCLUDED IN CLEARING AND GRUBBING) ⑯ CONTRACTOR TO COORDINATE UNDERDRAIN LOCATIONS WITH EXISTING 8" GAS MAIN. COORDINATE WORK WITH THE CITY AND DUKE ENERGY. ⑰ SAWCUT EXISTING PAVEMENT. MATCH EXISTING PAVEMENT LINE AND GRADE. ⑱ ADJUST CURB LOCATION AND INLET LOCATION AS NEEDED TO AVOID GAS MAIN. SUPPORT AND PROTECT GAS MAIN. COORDINATE WORK WITH DUKE GAS. ⑲ CONSTRUCT HANDICAPP RAMP PER DETAIL SHEET C4. ⑳ CONNECT DOWNSPOUT LINE TO COLLECTOR LINE. SEE DETAIL SHEET C4. ㉑ REMOVE EXISTING MODULAR BLOCK RETAINING WALL AND REPLACE WITH MODULAR BLOCK RETAINING WALL PER DETAIL SHEET C4. ㉒ REMOVE AND REPLACE EXISTING DOUBLE CURB BOX INLET PER DETAIL SHEET C4. RECONNECT EXISTING STORM PIPES.	
DATE: _____ BIDDING: NO REVISION: _____ ISSUE DATE: 11/14/2026 AS NOTED DESIGNED BY: DGR DRAWN BY: DGR CHECKED BY: JSU	



HATCH LEGEND	
	PROPOSED PAVEMENT REPLACEMENT CURB AND GUTTER SECTION WITH EDGE DRAIN
	ASPHALT PAVEMENT OVERLAY ON EXISTING CONCRETE STREET WITH ASPHALT OVERLAY
	6" CONCRETE DRIVEWAY REPLACEMENT - SEE DETAIL SHEET
	ASPHALT DRIVEWAY REPLACEMENT - SEE DETAIL SHEET
	FULL DEPTH PAVEMENT REPAIR PER DETAIL

**BLOSSOM LANE AND VALLEY VIEW
DRIVE STREET IMPROVEMENTS**
- THE CITY OF SOUTHGATE, CAMPBELL CO., KENTUCKY -
VALLEY VIEW DRIVE PNP SHEET 2

PROJECT NO.
37135
DISCIPLINE
CIVIL
SHEET NAME
C10
SHEET **10** OF **13**



20' 0' 20'
SCALE: 1" = 20'
NORTH AND BEARING SYSTEM
BASED ON NAD83 (2011) KENTUCKY
STATE PLANE, NORTH ZONE,
US FOOT.

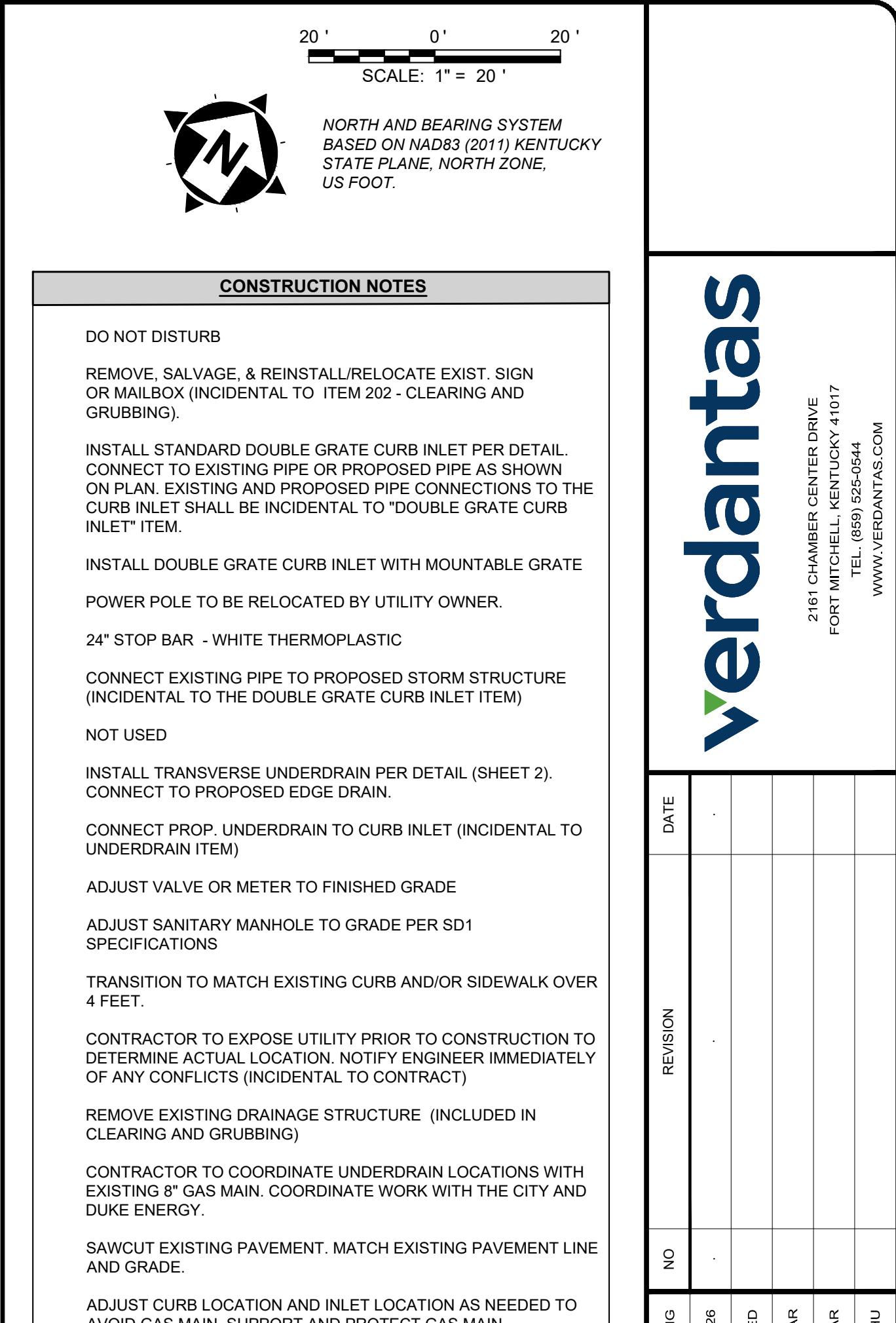
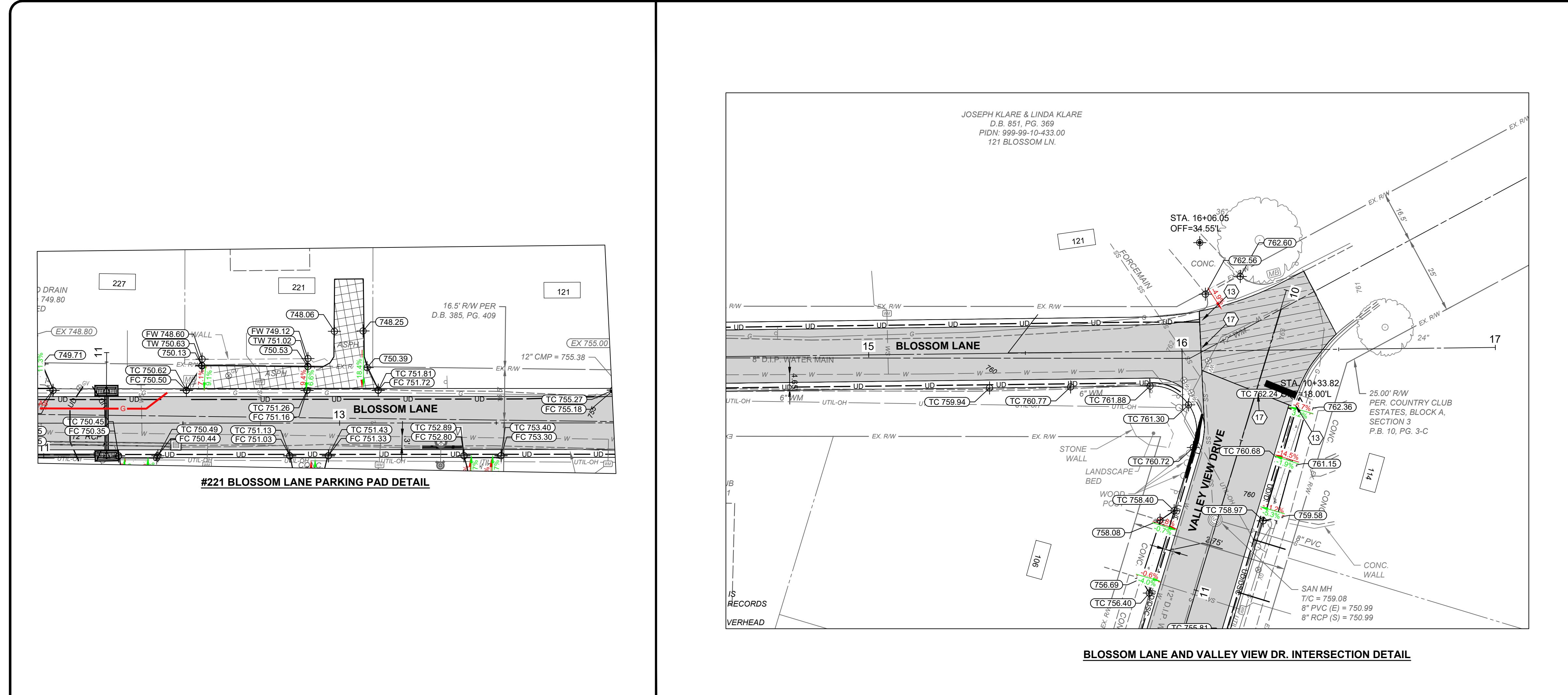
CONSTRUCTION NOTES			
① DO NOT DISTURB			
② REMOVE, SALVAGE, & REINSTALL/RELOCATE EXIST. SIGN OR MAILBOX (INCIDENTAL TO ITEM 202 - CLEARING AND GRUBBING).			
③ INSTALL STANDARD DOUBLE GRATE CURB INLET PER DETAIL. CONNECT TO EXISTING PIPE OR PROPOSED PIPE AS SHOWN ON PLAN. EXISTING AND PROPOSED PIPE CONNECTIONS TO THE CURB INLET SHALL BE INCIDENTAL TO "DOUBLE GRATE CURB INLET" ITEM.			
④ INSTALL DOUBLE GRATE CURB INLET WITH MOUNTABLE GRATE			
⑤ POWER POLE TO BE RELOCATED BY UTILITY OWNER.			
⑥ 24" STOP BAR - WHITE THERMOPLASTIC			
⑦ CONNECT EXISTING PIPE TO PROPOSED STORM STRUCTURE (INCIDENTAL TO THE DOUBLE GRATE CURB INLET ITEM)			
⑧ NOT USED			
⑨ INSTALL TRANSVERSE UNDERDRAIN PER DETAIL (SHEET 2). CONNECT TO PROPOSED EDGE DRAIN.			
⑩ CONNECT PROP. UNDERDRAIN TO CURB INLET (INCIDENTAL TO UNDERDRAIN ITEM)			
⑪ ADJUST VALVE OR METER TO FINISHED GRADE			
⑫ ADJUST SANITARY MANHOLE TO GRADE PER SD1 SPECIFICATIONS			
⑬ TRANSITION TO MATCH EXISTING CURB AND/OR SIDEWALK OVER 4 FEET			
⑭ CONTRACTOR TO EXPOSE UTILITY PRIOR TO CONSTRUCTION TO DETERMINE ACTUAL LOCATION. NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS (INCIDENTAL TO CONTRACT)			
⑮ REMOVE EXISTING DRAINAGE STRUCTURE (INCLUDED IN CLEARING AND GRUBBING)			
⑯ CONTRACTOR TO COORDINATE UNDERDRAIN LOCATIONS WITH EXISTING 8" GAS MAIN. COORDINATE WORK WITH THE CITY AND DUKE ENERGY.			
⑰ SAWCUT EXISTING PAVEMENT. MATCH EXISTING PAVEMENT LINE AND GRADE.			
⑱ ADJUST CURB LOCATION AND INLET LOCATION AS NEEDED TO AVOID GAS MAIN. SUPPORT AND PROTECT GAS MAIN. COORDINATE WORK WITH DUKE GAS.			
⑲ CONSTRUCT HANDICAPP RAMP PER DETAIL SHEET C4.			
⑳ CONNECT DOWNSPOUT LINE TO COLLECTOR LINE. SEE DETAIL SHEET C4.			
㉑ REMOVE EXISTING MODULAR BLOCK RETAINING WALL AND REPLACE WITH MODULAR BLOCK RETAINING WALL PER DETAIL SHEET C4.			
㉒ REMOVE AND REPLACE EXISTING DOUBLE CURB BOX INLET PER DETAIL SHEET C4. RECONNECT EXISTING STORM PIPES.			

HATCH LEGEND	
	PROPOSED PAVEMENT REPLACEMENT CURB AND GUTTER SECTION WITH EDGE DRAIN
	ASPHALT PAVEMENT OVERLAY ON EXISTING CONCRETE STREET WITH ASPHALT OVERLAY
	6" CONCRETE DRIVEWAY REPLACEMENT - SEE DETAIL SHEET
	ASPHALT DRIVEWAY REPLACEMENT - SEE DETAIL SHEET
	FULL DEPTH PAVEMENT REPAIR PER DETAIL

BLOSSOM LANE AND VALLEY VIEW DRIVE STREET IMPROVEMENTS	
- THE CITY OF SOUTHGATE, CAMPBELL CO. KENTUCKY -	
VALLEY VIEW DRIVE PNP SHEET 2	
PROJECT NO.	37135
DISCIPLINE	CIVIL
SHEET NAME	C11
SHEET OF	11 13

2161 CHAMBER CENTER DRIVE
FORT MITCHELL, KENTUCKY 41017
TEL: (859) 525-0544
WWW.VERDANTAS.COM

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BLOSSOM LANE AND VALLEY VIEW DRIVE STREET IMPROVEMENTS		INTERSECTION DETAIL SHEET	
- THE CITY OF SOUTHGATE, CAMPBELL CO., KENTUCKY -			
ISSUED FOR:	BIDDING	NO	REVISION
ISSUE DATE:	1/14/2026	-	-
SCALE:	AS NOTED	D GAR	D GAR
DESIGNED BY:		DRAWN BY:	CHEKED BY:
		JSHU	
DEMOLITION NOTES			
???	SPOT ELEVATION (TOP OF PAVEMENT)		
TC ???	SPOT ELEVATION (TOP OF CURB)		
FC ???	SPOT ELEVATION (FACE OF CURB)		
TW ???	SPOT ELEVATION (TOP OF WALL)		
FW ???	SPOT ELEVATION (FACE OF WALL AT GROUND ELEV)		
10.8%	PROPOSED DRIVEWAY SLOPE		
10.8%	EXISTING DRIVEWAY SLOPE		
PROJECT NO.	37135		
DISCIPLINE	CIVIL		
SHEET NAME	C12		
SHEET	OF		
12	13		

20' 0' 20'
SCALE: 1" = 20'


NORTH AND BEARING SYSTEM
BASED ON NAD83 (2011) KENTUCKY
STATE PLANE, NORTH ZONE,
US FOOT.

verdant

2161 CHAMBER CENTER DRIVE
FORT MITCHELL, KENTUCKY 41017
TEL: 859.525-0544
WWW.VERDANTIS.COM

