

REVISIONS	DATE	DESCRIPTION

CUMBERLAND RIVER INDUSTRIAL PARK DEVELOPMENT PROJECT  
BURKESVILLE-CUMBERLAND CO. IDA

DETAILED BY: TJB  
REVIEWED BY: SRH  
JOB NO: 22-01-015  
DATE: Sep. 01, 2022  
SCALE: 1" = 100'

C1.0

EXISTING CONDITIONS

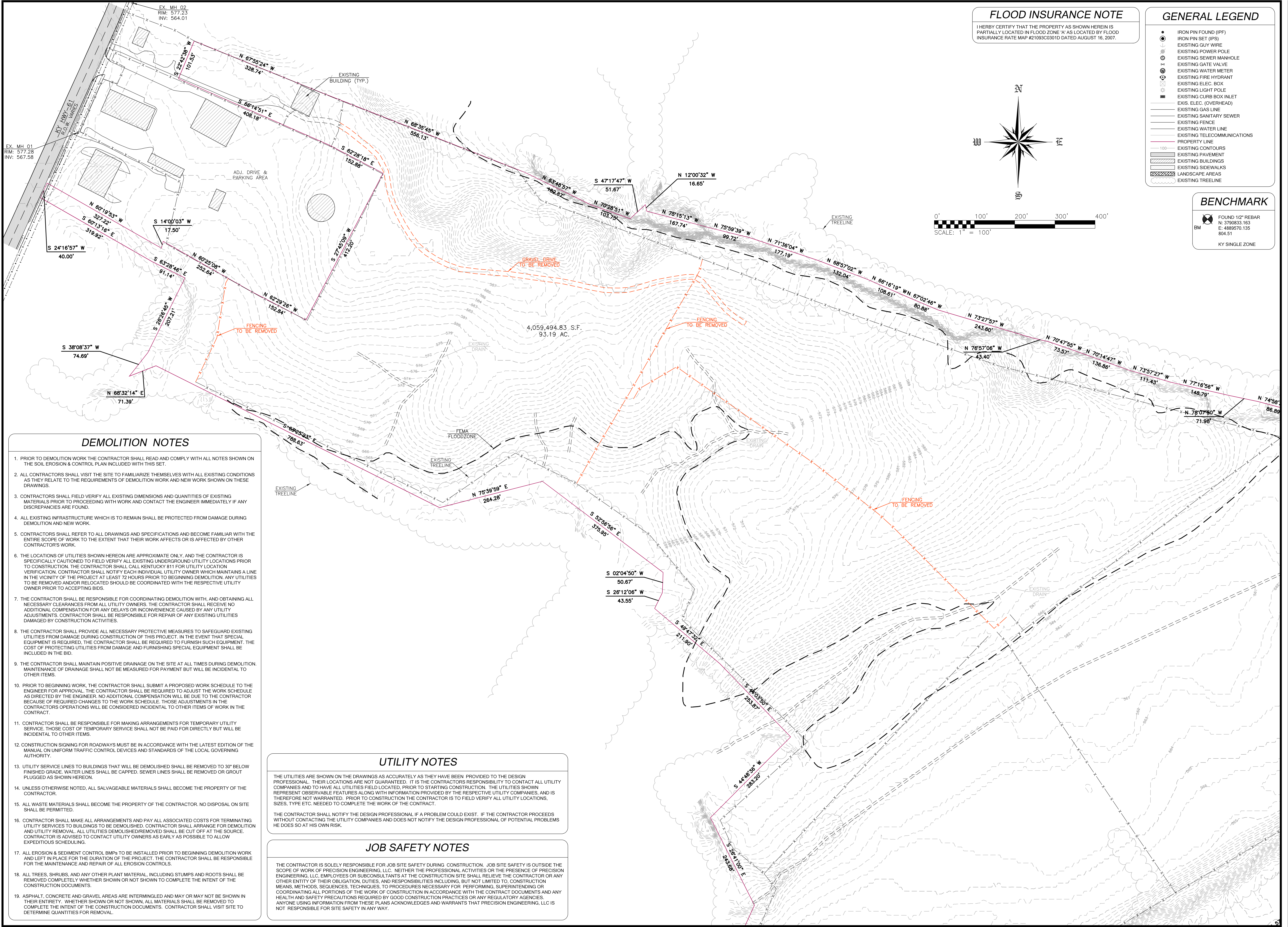
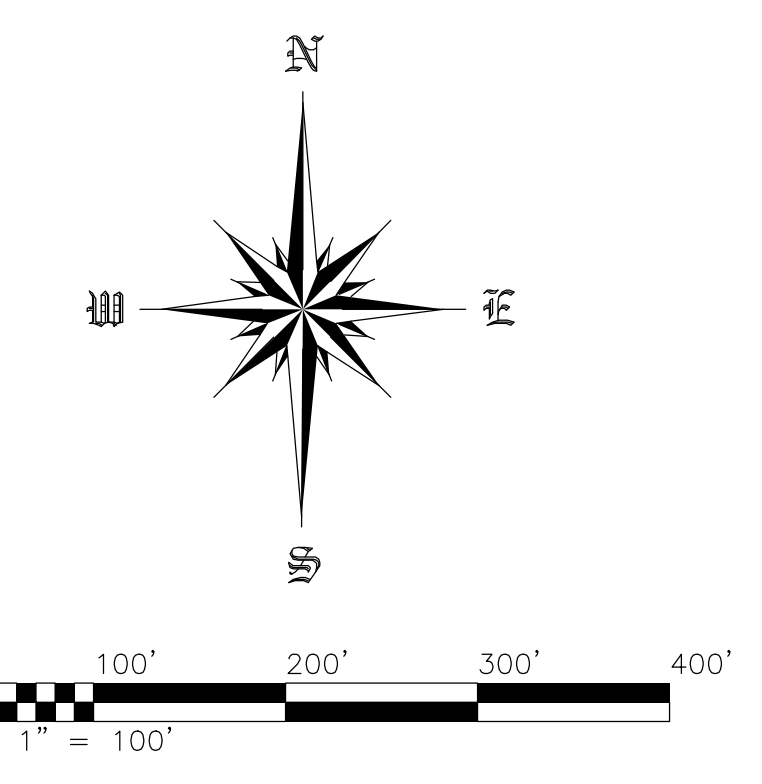
**FLOOD INSURANCE NOTE**  
I HEREBY CERTIFY THAT THE PROPERTY AS SHOWN HEREIN IS PARTIALLY LOCATED IN FLOOD ZONE 'A' AS LOCATED BY FLOOD INSURANCE RATE MAP #21093C0301D DATED AUGUST 16, 2007.

**GENERAL LEGEND**

- IRON PIN FOUND (IFF)
- IRON PIN SET (IPS)
- EXISTING GUY WIRE
- EXISTING POWER POLE
- EXISTING SEWER MANHOLE
- EXISTING GATE VALVE
- EXISTING WATER METER
- EXISTING FIRE HYDRANT
- EXISTING ELEC. BOX
- EXISTING LIGHT POLE
- EXISTING CURB BOX INLET
- EXIS. ELEC. (OVERHEAD)
- EXISTING GAS LINE
- EXISTING SANITARY SEWER
- EXISTING FENCE
- EXISTING WATER LINE
- EXISTING TELECOMMUNICATIONS
- PROPERTY LINE
- EXISTING CONTOURS
- EXISTING PAVEMENT
- EXISTING BUILDINGS
- EXISTING SIDEWALKS
- LANDSCAPE AREAS
- EXISTING TREELINE

**BENCHMARK**

FOUND 1/2" REBAR  
N: 3789833.63  
E: 4889570.135  
804.51  
KY SINGLE ZONE



- DEMOLITION NOTES**
- PRIOR TO DEMOLITION WORK THE CONTRACTOR SHALL READ AND COMPLY WITH ALL NOTES SHOWN ON THE SOIL EROSION & CONTROL PLAN INCLUDED WITH THIS SET.
  - ALL CONTRACTORS SHALL VISIT THE SITE TO FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS AS THEY RELATE TO THE REQUIREMENTS OF DEMOLITION WORK AND NEW WORK SHOWN ON THESE DRAWINGS.
  - CONTRACTORS SHALL FIELD VERIFY ALL EXISTING DIMENSIONS AND QUANTITIES OF EXISTING MATERIALS PRIOR TO PROCEEDING WITH WORK AND CONTACT THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
  - ALL EXISTING INFRASTRUCTURE WHICH IS TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING DEMOLITION AND NEW WORK.
  - CONTRACTORS SHALL REFER TO ALL DRAWINGS AND SPECIFICATIONS AND BECOME FAMILIAR WITH THE ENTIRE SCOPE OF WORK TO THE EXTENT THAT THEIR WORK AFFECTS OR IS AFFECTED BY OTHER CONTRACTOR'S WORK.
  - THE LOCATIONS OF UTILITIES SHOWN HEREON ARE APPROXIMATE ONLY, AND THE CONTRACTOR IS SPECIFICALLY CAUTIONED TO FIELD VERIFY ALL EXISTING UNDERGROUND UTILITY LOCATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CALL KENTUCKY 811 FOR UTILITY LOCATION VERIFICATION. CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER WHICH MAINTAINS A LINE IN THE VICINITY OF THE PROJECT AT LEAST 72 HOURS PRIOR TO BEGINNING DEMOLITION. ANY UTILITIES TO BE REMOVED AND/OR RELOCATED SHOULD BE COORDINATED WITH THE RESPECTIVE UTILITY OWNER PRIOR TO ACCEPTING BIDS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING DEMOLITION WITH, AND OBTAINING ALL NECESSARY CLEARANCES FROM ALL UTILITY OWNERS. THE CONTRACTOR SHALL RECEIVE NO ADDITIONAL COMPENSATION FOR ANY DELAYS OR INCONVENIENCE CAUSED BY ANY UTILITY ADJUSTMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY EXISTING UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES.
  - THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT SPECIAL EQUIPMENT IS REQUIRED, THE CONTRACTOR SHALL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT SHALL BE INCLUDED IN THE BID.
  - THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE ON THE SITE AT ALL TIMES DURING DEMOLITION. MAINTENANCE OF DRAINAGE SHALL NOT BE MEASURED FOR PAYMENT BUT WILL BE INCIDENTAL TO OTHER ITEMS.
  - PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL SUBMIT A PROPOSED WORK SCHEDULE TO THE ENGINEER FOR APPROVAL. THE CONTRACTOR SHALL BE REQUIRED TO ADJUST THE WORK SCHEDULE AS DIRECTED BY THE ENGINEER. NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR BECAUSE OF REQUIRED CHANGES TO THE WORK SCHEDULE. THOSE ADJUSTMENTS IN THE CONTRACTOR'S OPERATIONS WILL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF WORK IN THE CONTRACT.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ARRANGEMENTS FOR TEMPORARY UTILITY SERVICE. THOSE COSTS OF TEMPORARY SERVICE SHALL NOT BE PAID FOR DIRECTLY BUT WILL BE INCIDENTAL TO OTHER ITEMS.
  - CONSTRUCTION SIGNING FOR ROADWAYS MUST BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY.
  - UTILITY SERVICE LINES TO BUILDINGS THAT WILL BE DEMOLISHED SHALL BE REMOVED TO 30" BELOW FINISHED GRADE. WATER LINES SHALL BE CAPPED, SEWER LINES SHALL BE REMOVED OR GROUT PLUGGED AS SHOWN HEREON.
  - UNLESS OTHERWISE NOTED, ALL SALVAGEABLE MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
  - ALL WASTE MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR. NO DISPOSAL ON SITE SHALL BE PERMITTED.
  - CONTRACTOR SHALL MAKE ALL ARRANGEMENTS AND PAY ALL ASSOCIATED COSTS FOR TERMINATING UTILITY SERVICES TO BUILDINGS TO BE DEMOLISHED. CONTRACTOR SHALL ARRANGE FOR DEMOLITION AND UTILITY REMOVAL. ALL UTILITIES DEMOLISHED/REMOVED SHALL BE CUT OFF AT THE SOURCE. CONTRACTOR IS ADVISED TO CONTACT UTILITY OWNERS AS EARLY AS POSSIBLE TO ALLOW EXPEDITIOUS SCHEDULING.
  - ALL EROSION & SEDIMENT CONTROL BMPs TO BE INSTALLED PRIOR TO BEGINNING DEMOLITION WORK AND LEFT IN PLACE FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND REPAIR OF ALL EROSION CONTROLS.
  - ALL TREES, SHRUBS, AND ANY OTHER PLANT MATERIAL, INCLUDING STUMPS AND ROOTS SHALL BE REMOVED COMPLETELY WHETHER SHOWN OR NOT SHOWN TO COMPLETE THE INTENT OF THE CONSTRUCTION DOCUMENTS.
  - ASPHALT, CONCRETE AND GRAVEL AREAS ARE INTERMINGLED AND MAY OR MAY NOT BE SHOWN IN THEIR ENTIRETY. WHETHER SHOWN OR NOT SHOWN, ALL MATERIALS SHALL BE REMOVED TO COMPLETE THE INTENT OF THE CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL VISIT SITE TO DETERMINE QUANTITIES FOR REMOVAL.

**UTILITY NOTES**

THE UTILITIES ARE SHOWN ON THE DRAWINGS AS ACCURATELY AS THEY HAVE BEEN PROVIDED TO THE DESIGN PROFESSIONAL. THEIR LOCATIONS ARE NOT GUARANTEED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES AND TO HAVE ALL UTILITIES FIELD LOCATED PRIOR TO STARTING CONSTRUCTION. THE UTILITIES SHOWN REPRESENT OBSERVABLE FEATURES ALONG WITH INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES, AND IS THEREFORE NOT WARRANTED. PRIOR TO CONSTRUCTION THE CONTRACTOR IS TO FIELD VERIFY ALL UTILITY LOCATIONS, SIZES, TYPE ETC. NEEDED TO COMPLETE THE WORK OF THE CONTRACT.

THE CONTRACTOR SHALL NOTIFY THE DESIGN PROFESSIONAL IF A PROBLEM COULD EXIST. IF THE CONTRACTOR PROCEEDS WITHOUT CONTACTING THE UTILITY COMPANIES AND DOES NOT NOTIFY THE DESIGN PROFESSIONAL OF POTENTIAL PROBLEMS HE DOES SO AT HIS OWN RISK.

**JOB SAFETY NOTES**

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY DURING CONSTRUCTION. JOB SITE SAFETY IS OUTSIDE THE SCOPE OF WORK OF PRECISION ENGINEERING, LLC. NEITHER THE PROFESSIONAL ACTIVITIES OR THE PRESENCE OF PRECISION ENGINEERING, LLC, EMPLOYEES OR SUBCONSULTANTS AT THE CONSTRUCTION SITE SHALL RELIEVE THE CONTRACTOR OR ANY OTHER ENTITY OF THEIR OBLIGATION, DUTIES, AND RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCES, TECHNIQUES, TO PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING OR COORDINATING ALL PORTIONS OF THE WORK OF CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH AND SAFETY PRECAUTIONS REQUIRED BY GOOD CONSTRUCTION PRACTICES OR ANY REGULATORY AGENCIES. ANYONE USING INFORMATION FROM THESE PLANS ACKNOWLEDGES AND WARRANTS THAT PRECISION ENGINEERING, LLC IS NOT RESPONSIBLE FOR SITE SAFETY IN ANY WAY.



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**BURKESVILLE-CUMBERLAND CO. IDA**

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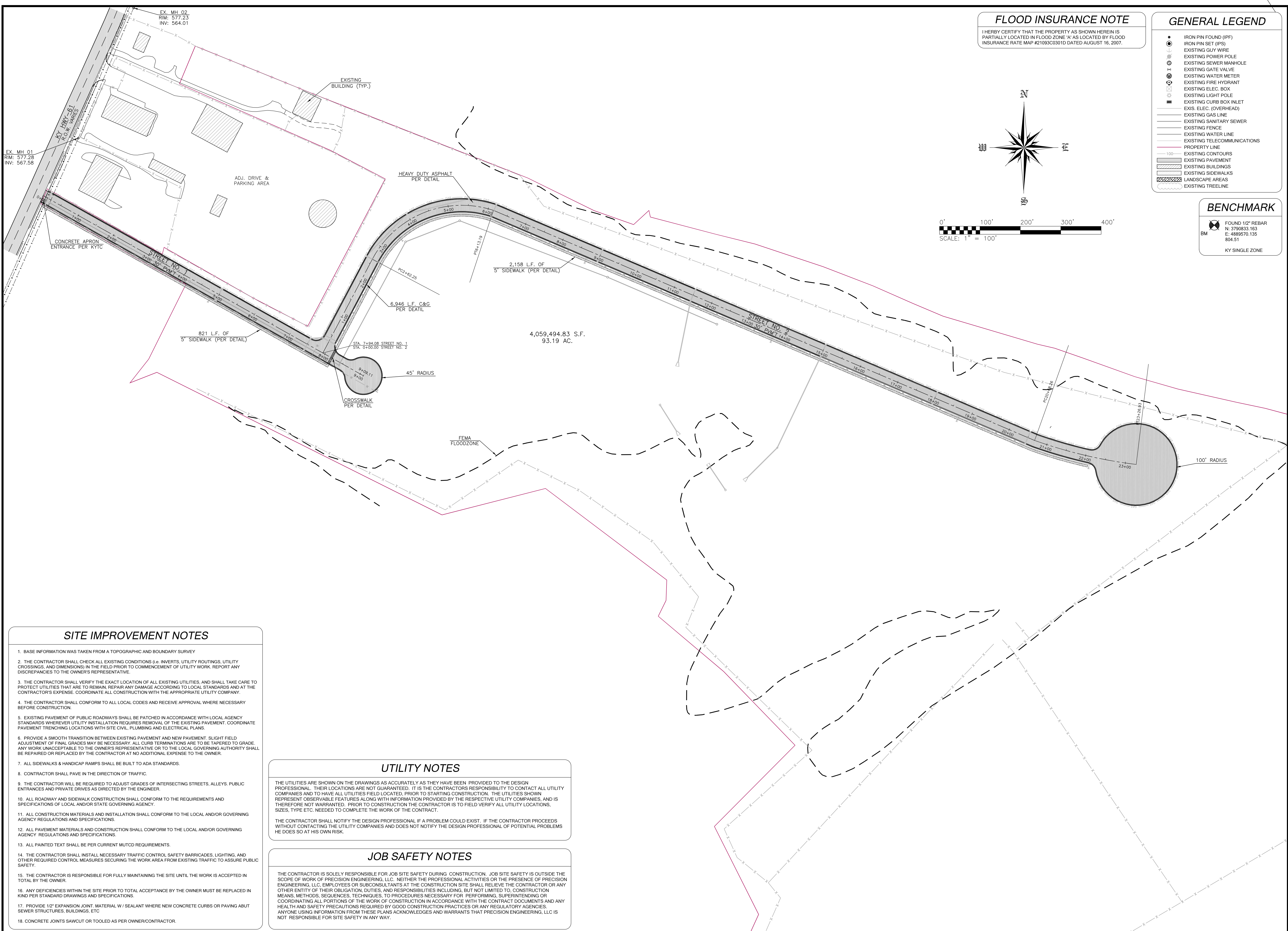
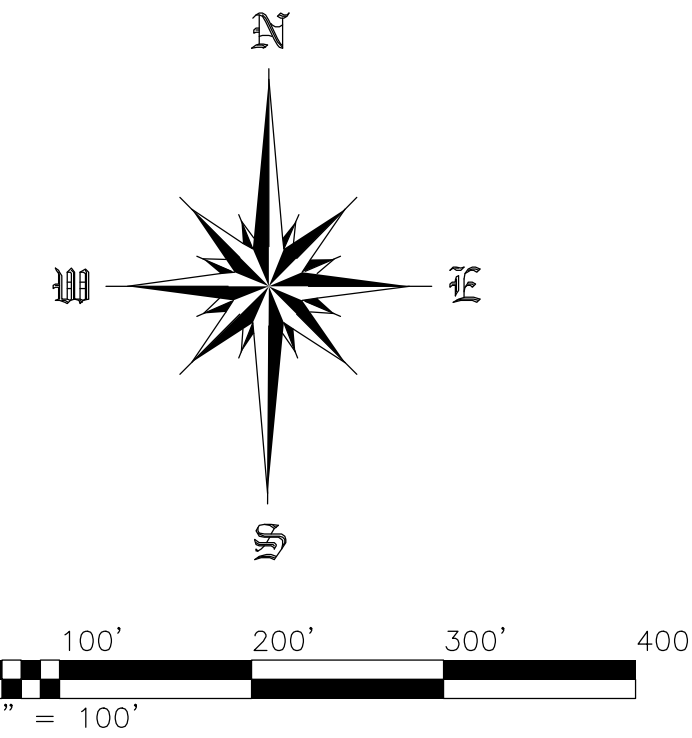
**C2.0**  
SITE LAYOUT

**FLOOD INSURANCE NOTE**  
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**BENCHMARK**

FOUND 1/2" REBAR  
 N: 3790833.163  
 E: 4889570.135  
 804.51  
 KY SINGLE ZONE



**SITE IMPROVEMENT NOTES**

1. BASE INFORMATION WAS TAKEN FROM A TOPOGRAPHIC AND BOUNDARY SURVEY
2. THE CONTRACTOR SHALL CHECK ALL EXISTING CONDITIONS (i.e. INVERTS, UTILITY ROUTINGS, UTILITY CROSSINGS, AND DIMENSIONS) IN THE FIELD PRIOR TO COMMENCEMENT OF UTILITY WORK. REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE.
3. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES, AND SHALL TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN, REPAIR ANY DAMAGE ACCORDING TO LOCAL STANDARDS AND AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY.
4. THE CONTRACTOR SHALL CONFORM TO ALL LOCAL CODES AND RECEIVE APPROVAL WHERE NECESSARY BEFORE CONSTRUCTION.
5. EXISTING PAVEMENT OF PUBLIC ROADWAYS SHALL BE PATCHED IN ACCORDANCE WITH LOCAL AGENCY STANDARDS WHEREVER UTILITY INSTALLATION REQUIRES REMOVAL OF THE EXISTING PAVEMENT. COORDINATE PAVEMENT TRENCHING LOCATIONS WITH SITE CIVIL, PLUMBING AND ELECTRICAL PLANS.
6. PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND NEW PAVEMENT. SLIGHT FIELD ADJUSTMENT OF FINAL GRADES MAY BE NECESSARY. ALL CURB TERMINATIONS ARE TO BE TAPERED TO GRADE. ANY WORK UNACCEPTABLE TO THE OWNER'S REPRESENTATIVE OR TO THE LOCAL GOVERNING AUTHORITY SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
7. ALL SIDEWALKS & HANDICAP RAMPS SHALL BE BUILT TO ADA STANDARDS.
8. CONTRACTOR SHALL PAVE IN THE DIRECTION OF TRAFFIC.
9. THE CONTRACTOR WILL BE REQUIRED TO ADJUST GRADES OF INTERSECTING STREETS, ALLEYS, PUBLIC ENTRANCES AND PRIVATE DRIVES AS DIRECTED BY THE ENGINEER.
10. ALL ROADWAY AND SIDEWALK CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AND SPECIFICATIONS OF LOCAL AND/OR STATE GOVERNING AGENCY.
11. ALL CONSTRUCTION MATERIALS AND INSTALLATION SHALL CONFORM TO THE LOCAL AND/OR GOVERNING AGENCY REGULATIONS AND SPECIFICATIONS.
12. ALL PAVEMENT MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE LOCAL AND/OR GOVERNING AGENCY REGULATIONS AND SPECIFICATIONS.
13. ALL PAINTED TEXT SHALL BE PER CURRENT MUTCD REQUIREMENTS.
14. THE CONTRACTOR SHALL INSTALL NECESSARY TRAFFIC CONTROL SAFETY BARRICADES, LIGHTING, AND OTHER REQUIRED CONTROL MEASURES SECURING THE WORK AREA FROM EXISTING TRAFFIC TO ASSURE PUBLIC SAFETY.
15. THE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING THE SITE UNTIL THE WORK IS ACCEPTED IN TOTAL BY THE OWNER.
16. ANY DEFICIENCIES WITHIN THE SITE PRIOR TO TOTAL ACCEPTANCE BY THE OWNER MUST BE REPLACED IN KIND PER STANDARD DRAWINGS AND SPECIFICATIONS.
17. PROVIDE 1/2" EXPANSION JOINT. MATERIAL W/ SEALANT WHERE NEW CONCRETE CURBS OR PAVING ABUT SEWER STRUCTURES, BUILDINGS, ETC
18. CONCRETE JOINTS SAWCUT OR TOOLED AS PER OWNER/CONTRACTOR.

**UTILITY NOTES**

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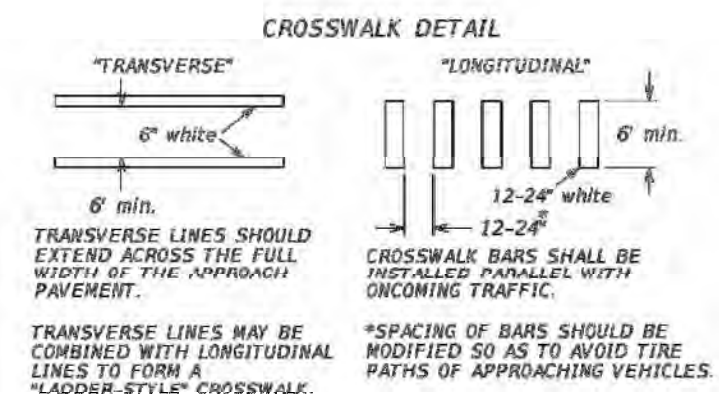
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**JOB SAFETY NOTES**

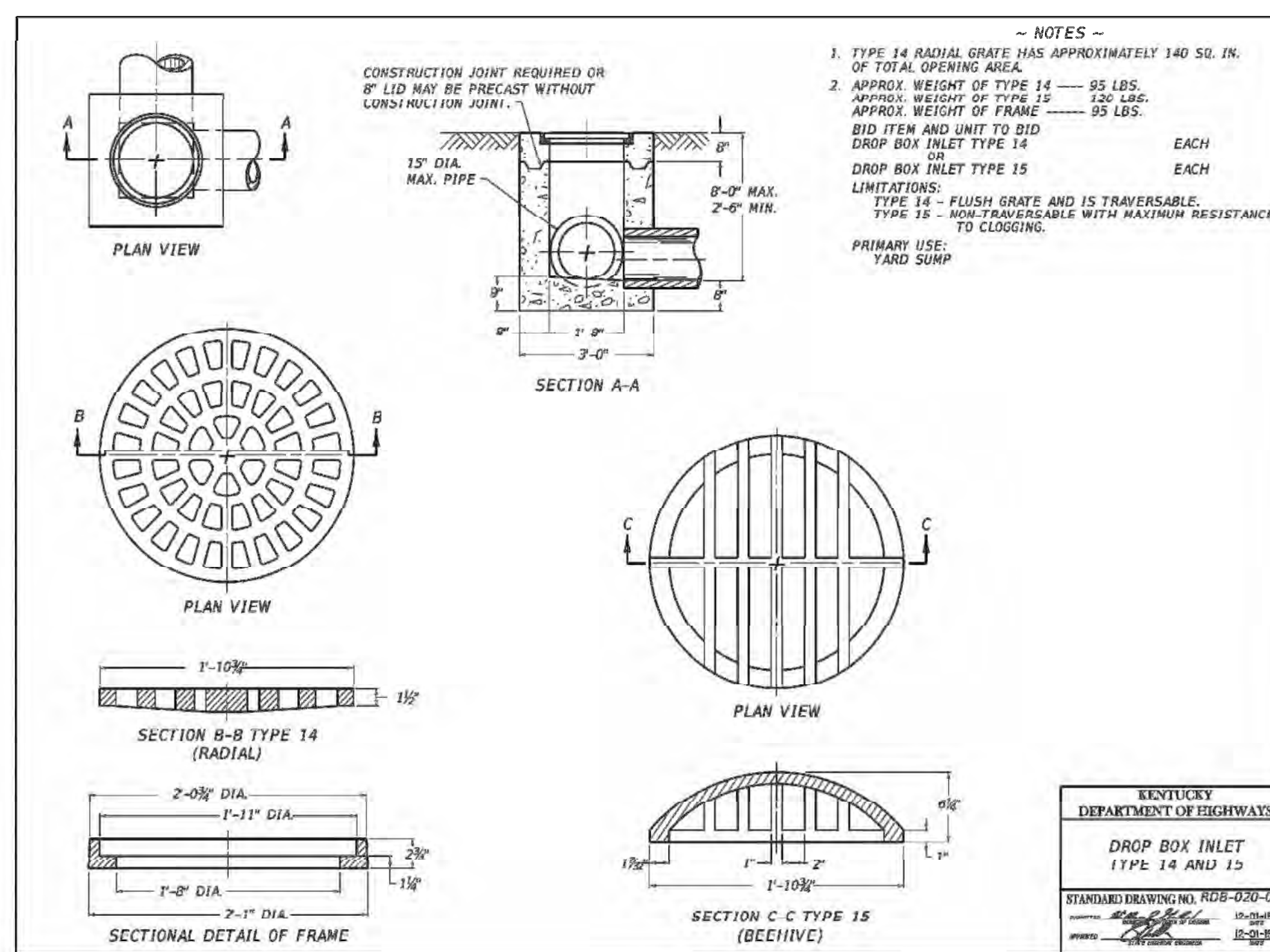
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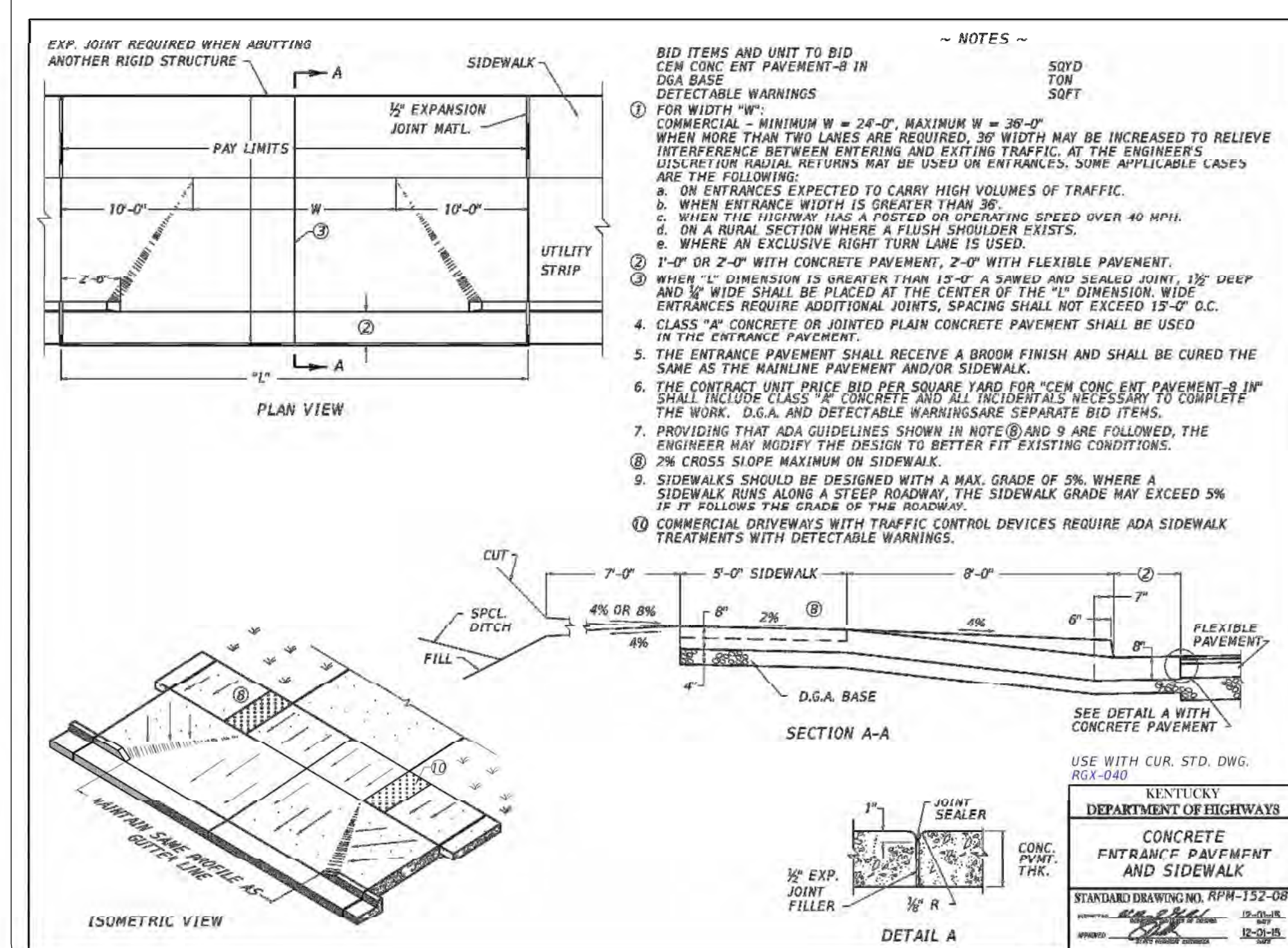
### CROSSWALK DETAIL (TYPICAL)



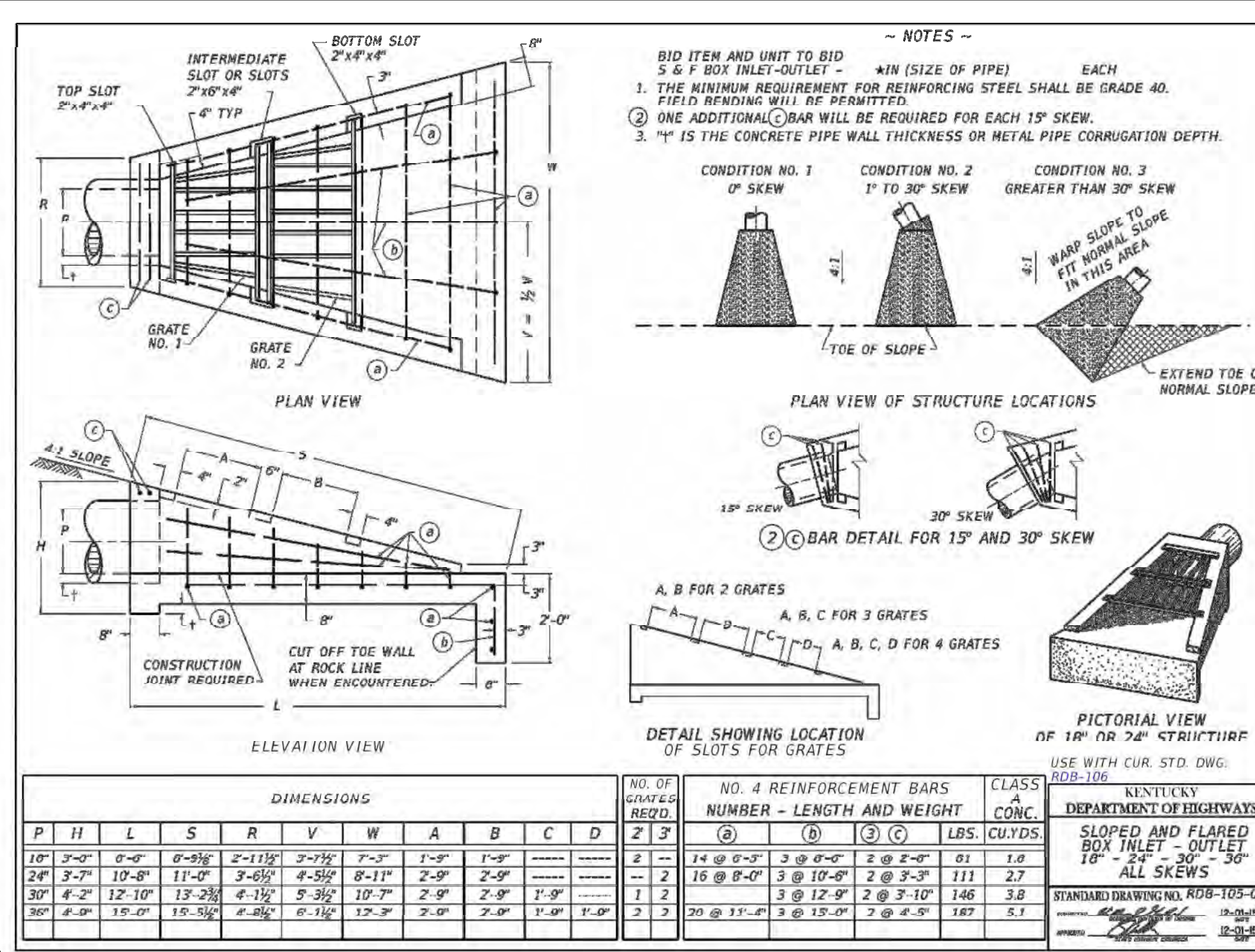
### DROP INLET TYPE 14 & 15 DETAIL (KYTC)



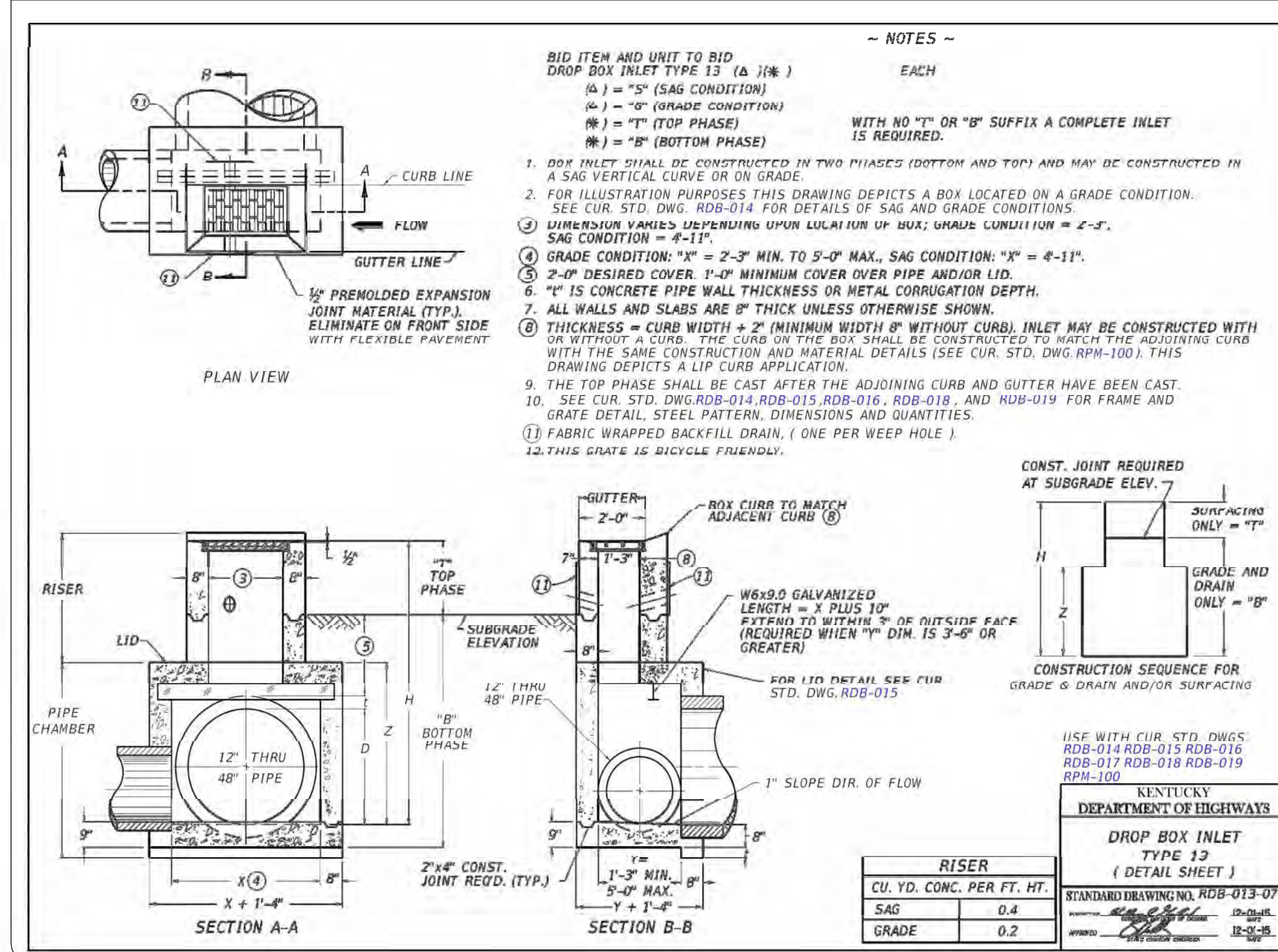
### CONCRETE ENTRANCE AND SIDEWALK DETAIL (KYTC)



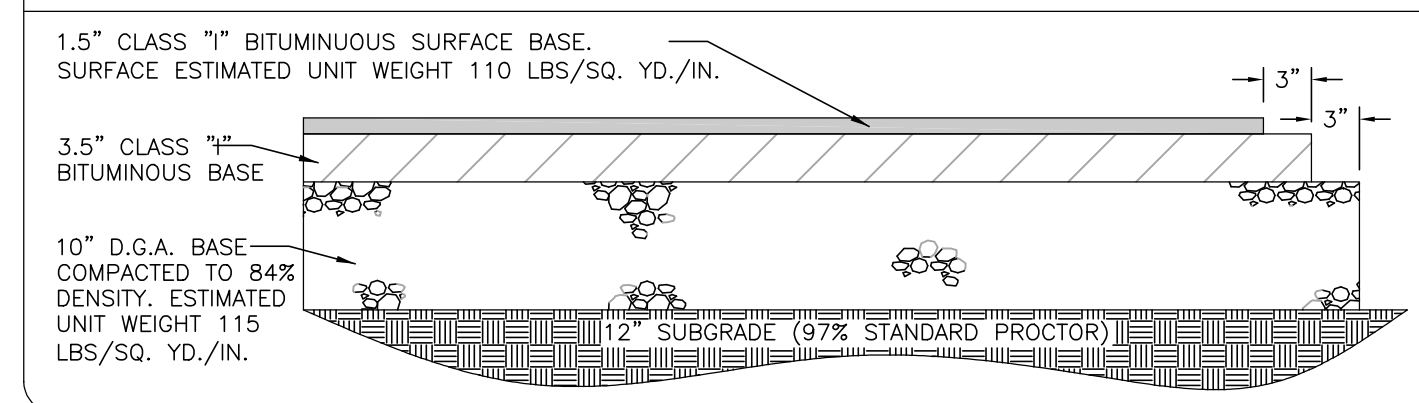
### SLOPED AND FLARED HEADWALL DETAIL (KYTC)



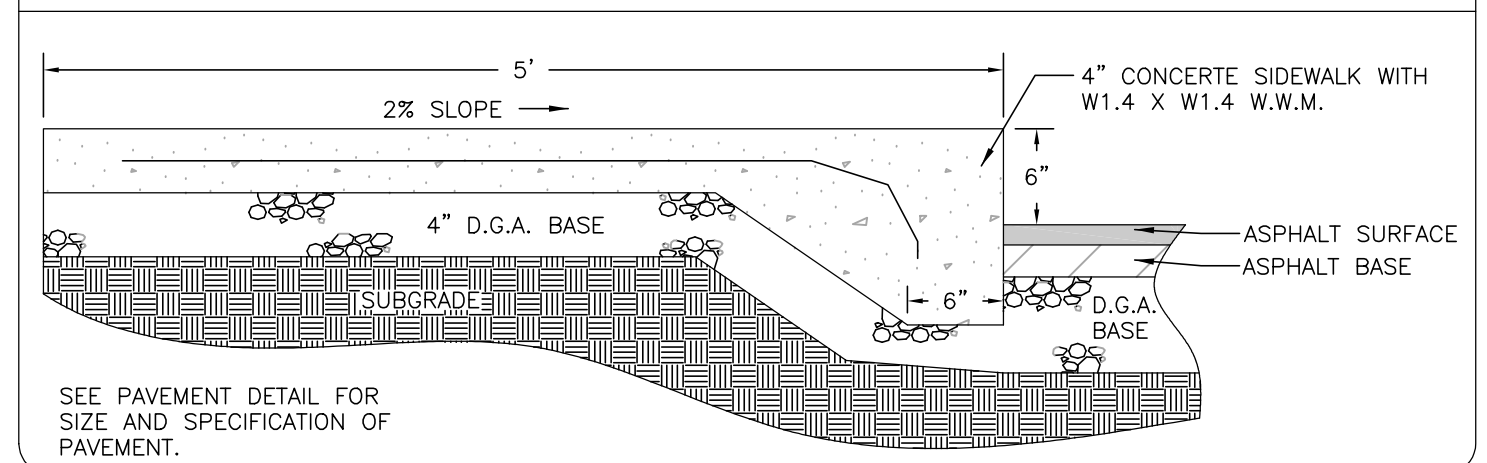
### DROP INLET TYPE 13 DETAIL (KYTC)



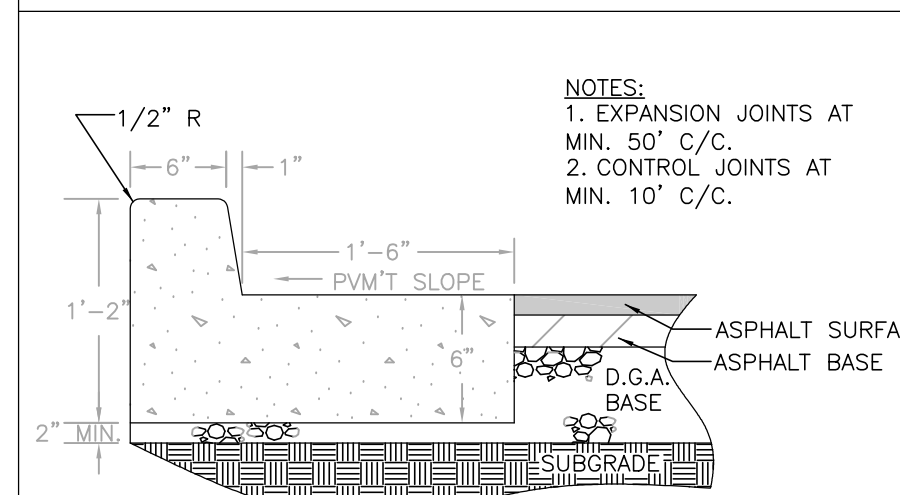
### HEAVY DUTY ASPHALT PAVEMENT DETAIL (TYPICAL)



### TURN DOWN SIDEWALK DETAIL (TYPICAL)



### CURB AND GUTTER DETAIL (TYP.)



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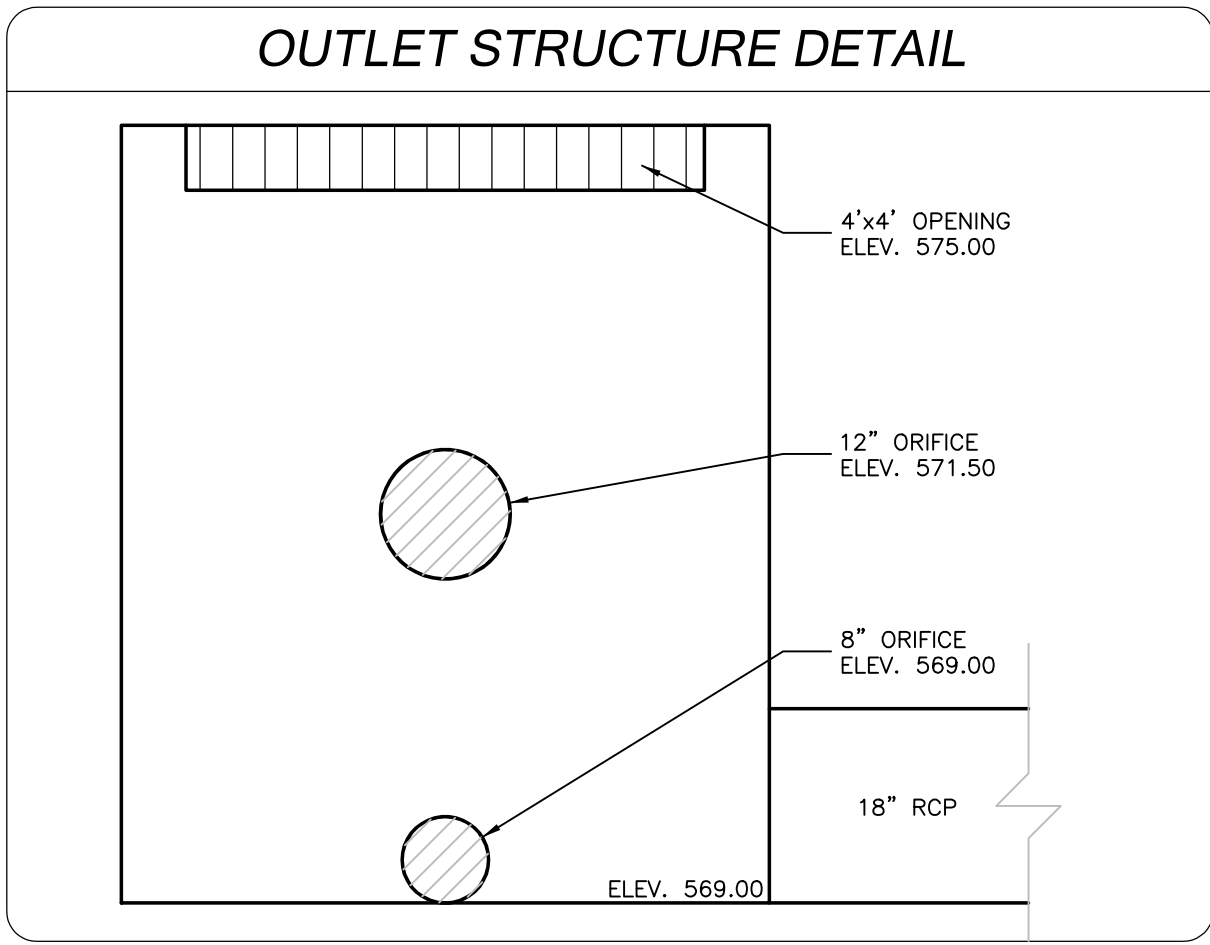
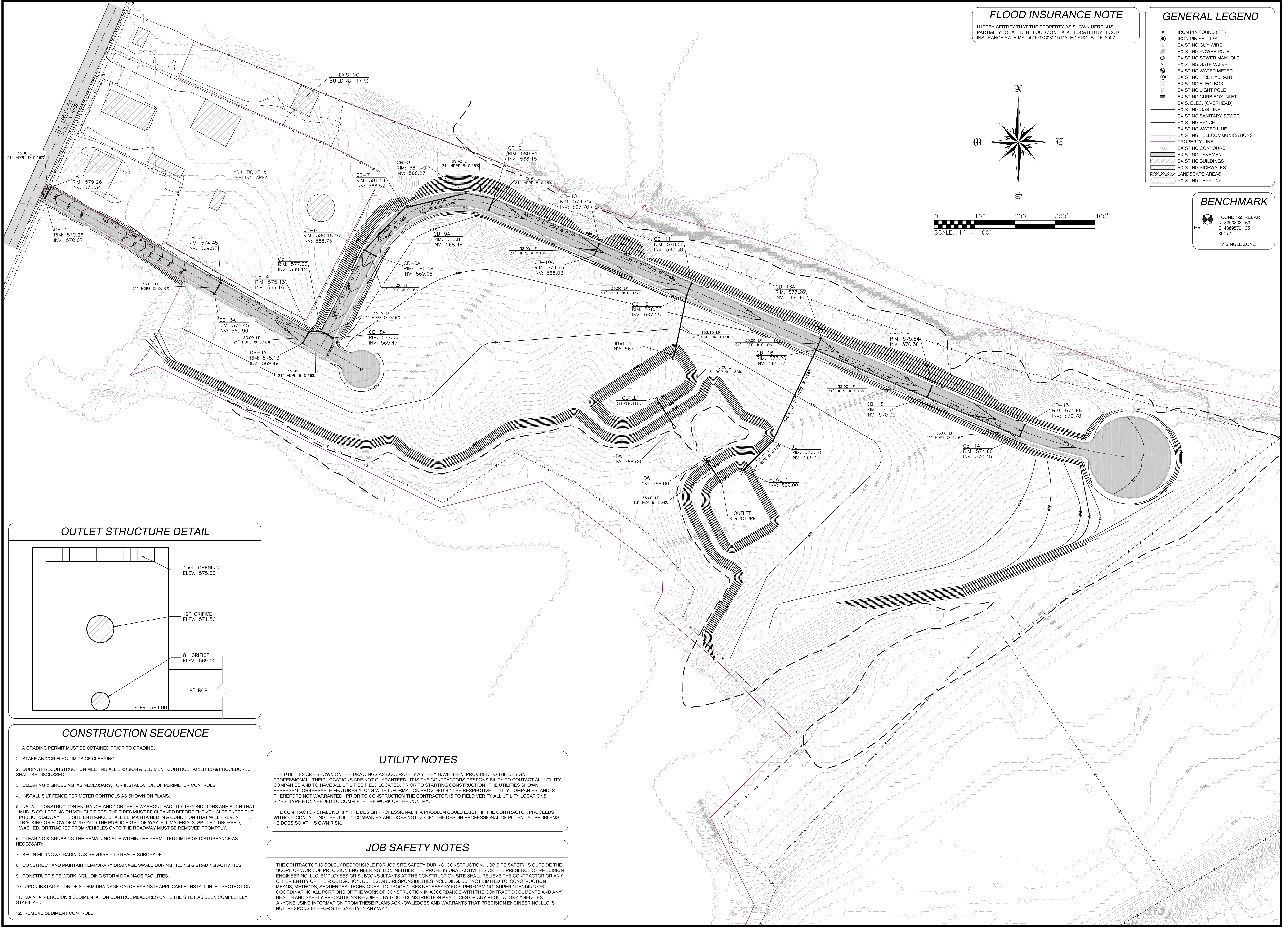
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FOUND 1/2" REBAR  
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 KY SINGLE ZONE.



- CONSTRUCTION SEQUENCE**
1. A GRADING PERMIT MUST BE OBTAINED PRIOR TO GRADING.
  2. STAKE AND/OR FLAG LIMITS OF CLEARING.
  2. DURING PRECONSTRUCTION MEETING ALL EROSION & SEDIMENT CONTROL FACILITIES & PROCEDURES SHALL BE DISCUSSED.
  3. CLEARING & GRUBBING, AS NECESSARY, FOR INSTALLATION OF PERIMETER CONTROLS.
  4. INSTALL SILT FENCE PERIMETER CONTROLS AS SHOWN ON PLANS.
  5. INSTALL CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT FACILITY. IF CONDITIONS ARE SUCH THAT MUD IS COLLECTING ON VEHICLE TIRES, THE TIRES MUST BE CLEANED BEFORE THE VEHICLES ENTER THE PUBLIC ROADWAY. THE SITE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING OR FLOW OF MUD ONTO THE PUBLIC RIGHT-OF-WAY. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO THE ROADWAY MUST BE REMOVED PROMPTLY.
  6. CLEARING & GRUBBING THE REMAINING SITE WITHIN THE PERMITTED LIMITS OF DISTURBANCE AS NECESSARY.
  7. BEGIN FILLING & GRADING AS REQUIRED TO REACH SUBGRADE.
  8. CONSTRUCT AND MAINTAIN TEMPORARY DRAINAGE SWALE DURING FILLING & GRADING ACTIVITIES.
  9. CONSTRUCT SITE WORK INCLUDING STORM DRAINAGE FACILITIES.
  10. UPON INSTALLATION OF STORM DRAINAGE CATCH BASINS IF APPLICABLE, INSTALL INLET PROTECTION.
  11. MAINTAIN EROSION & SEDIMENTATION CONTROL MEASURES UNTIL THE SITE HAS BEEN COMPLETELY STABILIZED.
  12. REMOVE SEDIMENT CONTROLS.

**UTILITY NOTES**

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**PRECISION ENGINEERING, LLC**  
 CIVIL | GEOTECHNICAL SURVEYING  
 MATERIAL TESTING  
 PRECISION ENGINEERING, LLC  
 PO BOX 2  
 745 BECH SPR. ROAD  
 TOMPKINSVILLE, KY 42167  
 270.407.184  
 WWW.PRECISION-ENG.COM  
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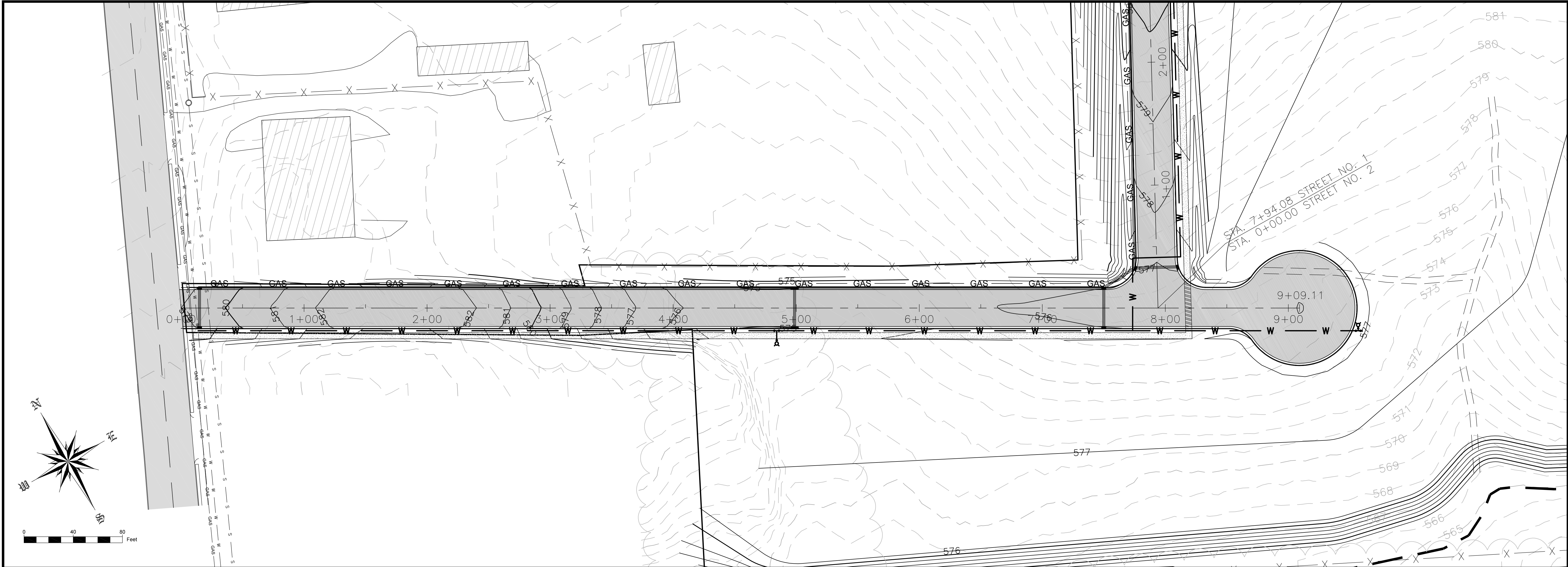
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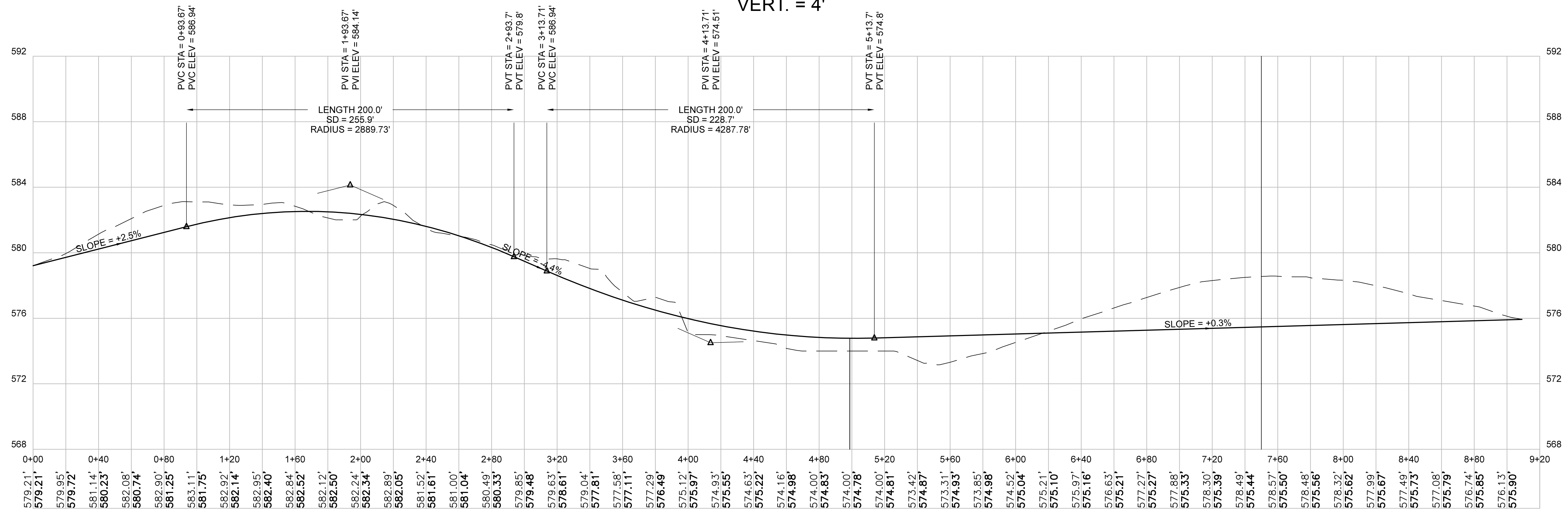
**C3.0**  
 GRADE AND  
 DRAINAGE PLAN





"MAIN" ROADWAY PROFILE

PROFILE SCALE:  
 HORIZ. = 40'  
 VERT. = 4'

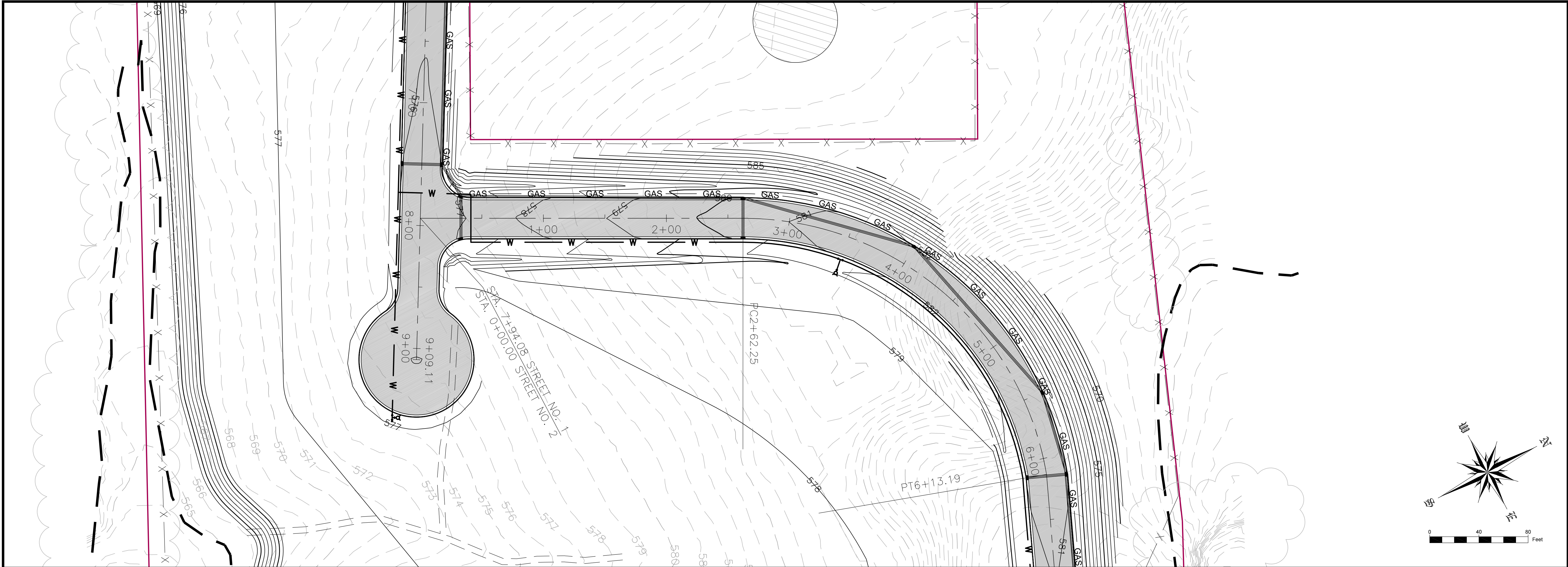


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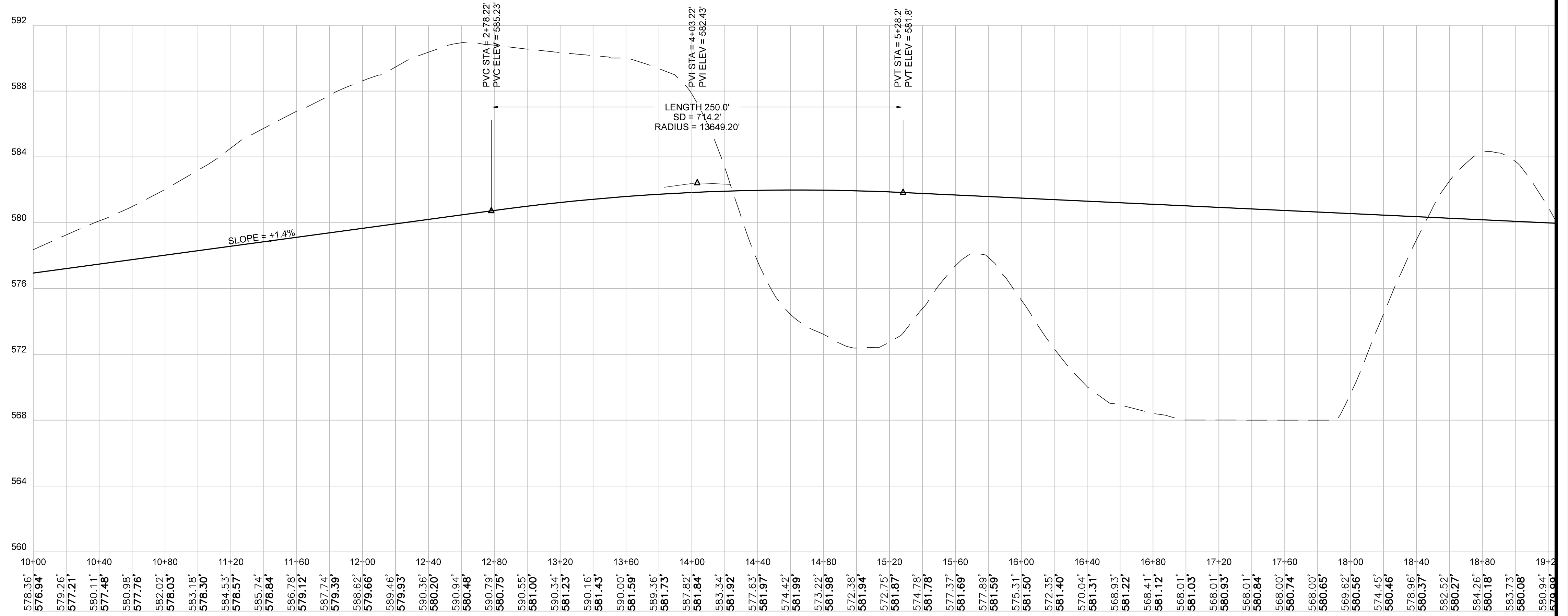
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"STREET" ROADWAY PROFILE

PROFILE SCALE:  
 HORIZ. = 40'  
 VERT. = 4'



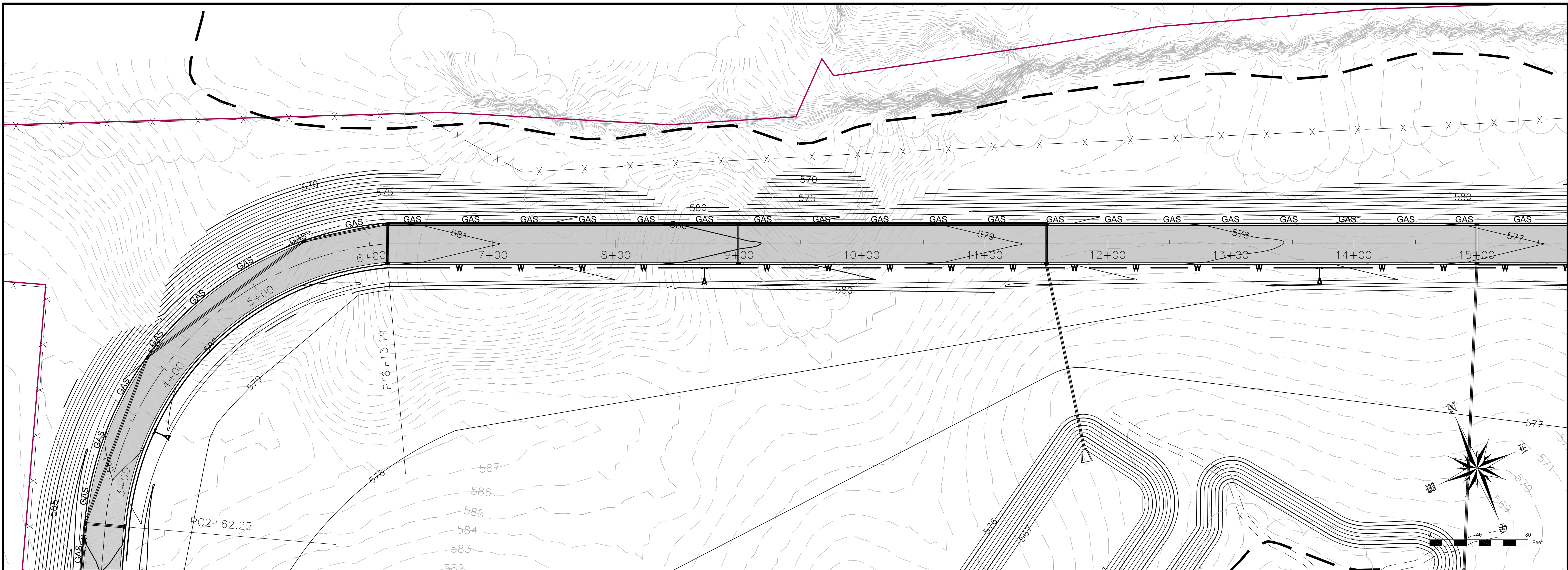
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**CUMBERLAND RIVER INDUSTRIAL  
 PARK DEVELOPMENT PROJECT**  
**BURKESVILLE-CUMBERLAND CO. IDA**

DETAILED BY:	TJB
REVIEWED BY:	SRH
JOB NO:	22-01-015
DATE:	Sep. 01, 2022
SCALE:	1" = 100'

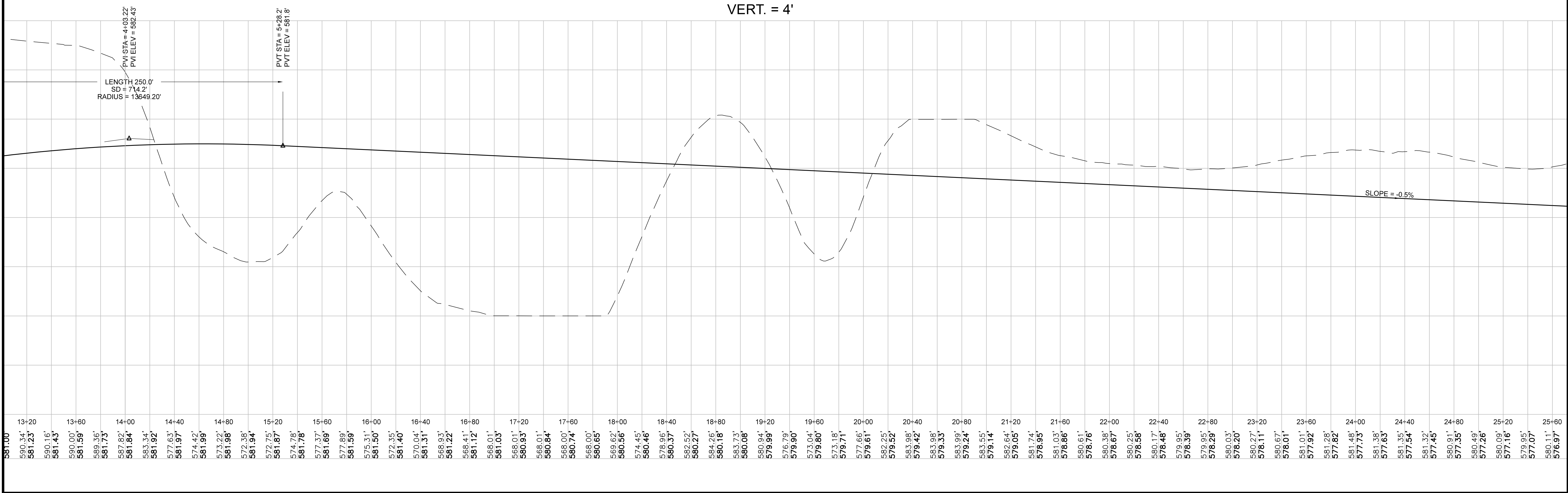
**C3.2**  
 STREET  
 PROFILES





"STREET" ROADWAY PROFILE

PROFILE SCALE:  
 HORIZ. = 40'  
 VERT. = 4'

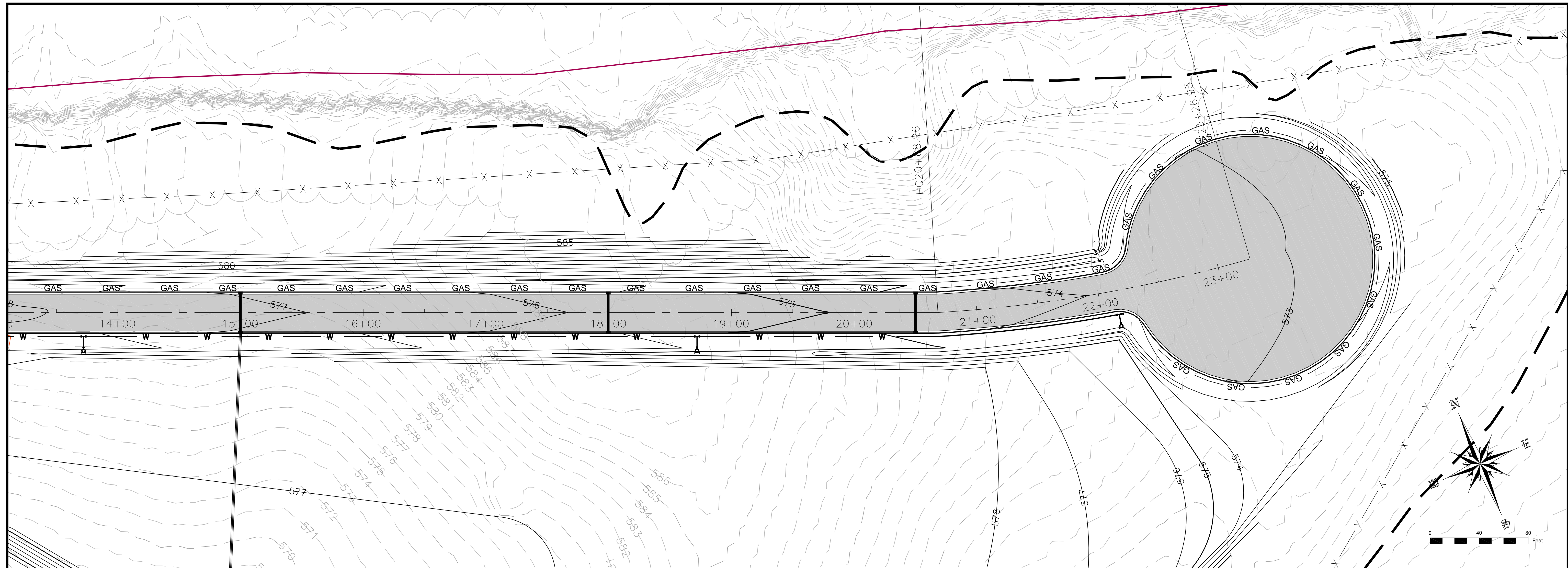


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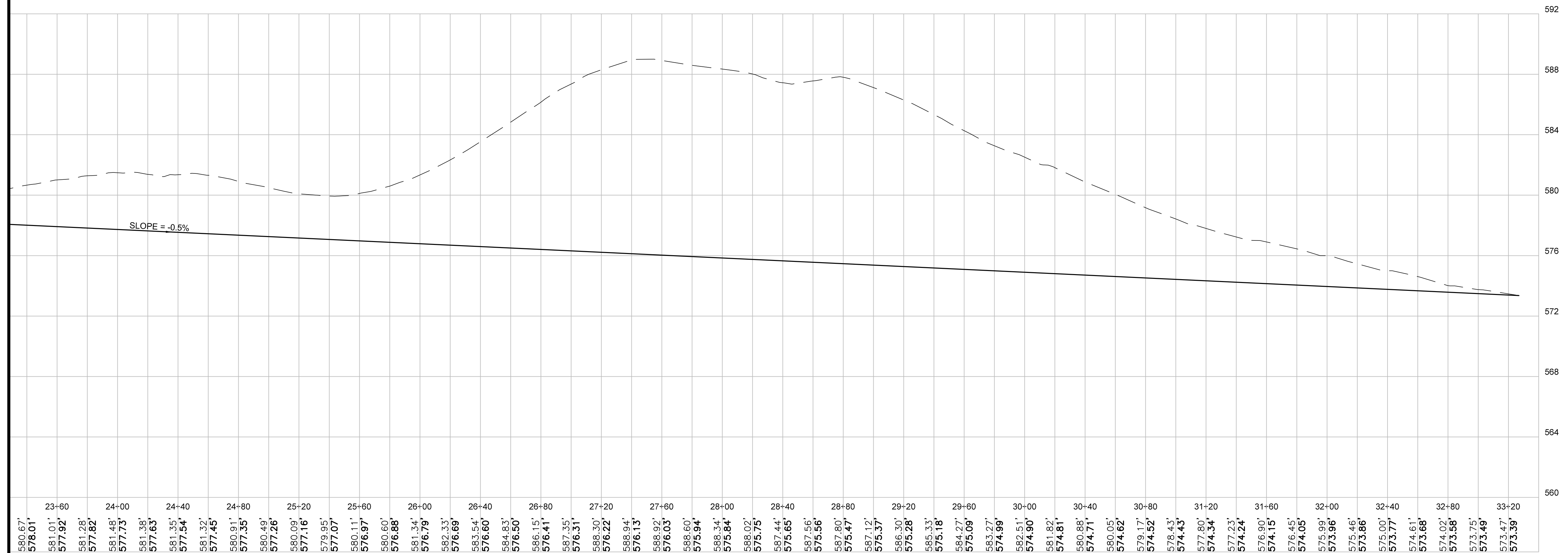
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"STREET" ROADWAY PROFILE

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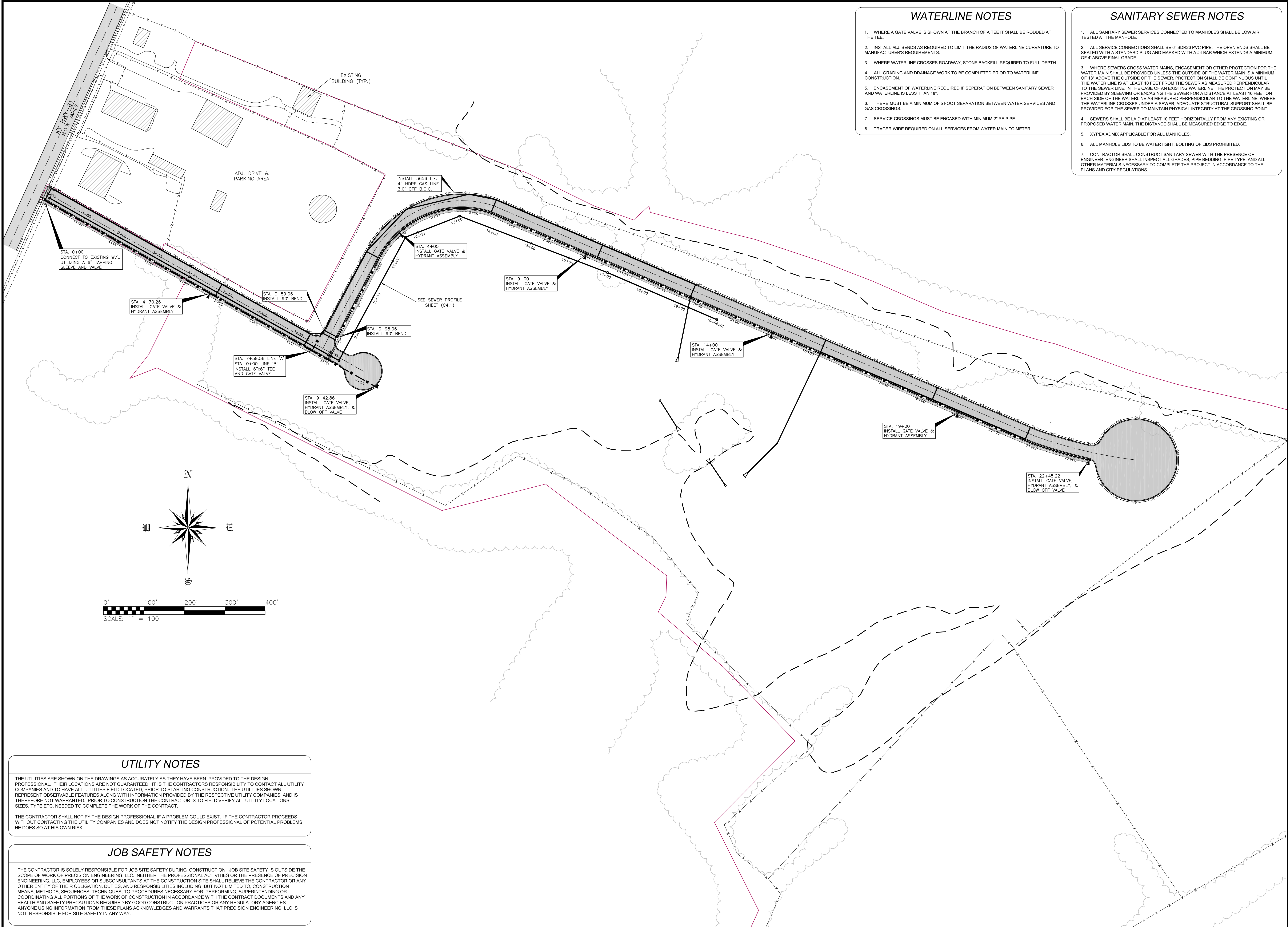


### WATERLINE NOTES

1. WHERE A GATE VALVE IS SHOWN AT THE BRANCH OF A TEE IT SHALL BE RODDED AT THE TEE.
2. INSTALL M.J. BENDS AS REQUIRED TO LIMIT THE RADIUS OF WATERLINE CURVATURE TO MANUFACTURER'S REQUIREMENTS.
3. WHERE WATERLINE CROSSES ROADWAY, STONE BACKFILL REQUIRED TO FULL DEPTH.
4. ALL GRADING AND DRAINAGE WORK TO BE COMPLETED PRIOR TO WATERLINE CONSTRUCTION.
5. ENCASEMENT OF WATERLINE REQUIRED IF SEPARATION BETWEEN SANITARY SEWER AND WATERLINE IS LESS THAN 18".
6. THERE MUST BE A MINIMUM OF 5 FOOT SEPARATION BETWEEN WATER SERVICES AND GAS CROSSINGS.
7. SERVICE CROSSINGS MUST BE ENCASED WITH MINIMUM 2" PE PIPE.
8. TRACER WIRE REQUIRED ON ALL SERVICES FROM WATER MAIN TO METER.

### SANITARY SEWER NOTES

1. ALL SANITARY SEWER SERVICES CONNECTED TO MANHOLES SHALL BE LOW AIR TESTED AT THE MANHOLE.
2. ALL SERVICE CONNECTIONS SHALL BE 6" SDR28 PVC PIPE. THE OPEN ENDS SHALL BE SEALED WITH A STANDARD PLUG AND MARKED WITH A #4 BAR WHICH EXTENDS A MINIMUM OF 4" ABOVE FINAL GRADE.
3. WHERE SEWERS CROSS WATER MAINS, ENCASEMENT OR OTHER PROTECTION FOR THE WATER MAIN SHALL BE PROVIDED UNLESS THE OUTSIDE OF THE WATER MAIN IS A MINIMUM OF 8" ABOVE THE OUTSIDE OF THE SEWER. PROTECTION SHALL BE CONTINUOUS UNTIL THE WATER LINE IS AT LEAST 10 FEET FROM THE SEWER AS MEASURED PERPENDICULAR TO THE SEWER LINE. IN THE CASE OF AN EXISTING WATERLINE, THE PROTECTION MAY BE PROVIDED BY SLEEVING OR ENCASED THE SEWER FOR A DISTANCE AT LEAST 10 FEET ON EACH SIDE OF THE WATERLINE AS MEASURED PERPENDICULAR TO THE WATERLINE. WHERE THE WATERLINE CROSSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO MAINTAIN PHYSICAL INTEGRITY AT THE CROSSING POINT.
4. SEWERS SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE.
5. XYPEX ADMIX APPLICABLE FOR ALL MANHOLES.
6. ALL MANHOLE LIDS TO BE WATERTIGHT. BOLTING OF LIDS PROHIBITED.
7. CONTRACTOR SHALL CONSTRUCT SANITARY SEWER WITH THE PRESENCE OF ENGINEER. ENGINEER SHALL INSPECT ALL GRADES, PIPE BEDDING, PIPE TYPE, AND ALL OTHER MATERIALS NECESSARY TO COMPLETE THE PROJECT IN ACCORDANCE TO THE PLANS AND CITY REGULATIONS.



### UTILITY NOTES

THE UTILITIES ARE SHOWN ON THE DRAWINGS AS ACCURATELY AS THEY HAVE BEEN PROVIDED TO THE DESIGN PROFESSIONAL. THEIR LOCATIONS ARE NOT GUARANTEED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES AND TO HAVE ALL UTILITIES FIELD LOCATED, PRIOR TO STARTING CONSTRUCTION. THE UTILITIES SHOWN REPRESENT OBSERVABLE FEATURES ALONG WITH INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES, AND IS THEREFORE NOT WARRANTED. PRIOR TO CONSTRUCTION THE CONTRACTOR IS TO FIELD VERIFY ALL UTILITY LOCATIONS, SIZES, TYPE ETC. NEEDED TO COMPLETE THE WORK OF THE CONTRACT.

THE CONTRACTOR SHALL NOTIFY THE DESIGN PROFESSIONAL IF A PROBLEM COULD EXIST. IF THE CONTRACTOR PROCEEDS WITHOUT CONTACTING THE UTILITY COMPANIES AND DOES NOT NOTIFY THE DESIGN PROFESSIONAL OF POTENTIAL PROBLEMS HE DOES SO AT HIS OWN RISK.

### JOB SAFETY NOTES

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY DURING CONSTRUCTION. JOB SITE SAFETY IS OUTSIDE THE SCOPE OF WORK OF PRECISION ENGINEERING, LLC. NEITHER THE PROFESSIONAL ACTIVITIES OR THE PRESENCE OF PRECISION ENGINEERING, LLC, EMPLOYEES OR SUBCONSULTANTS AT THE CONSTRUCTION SITE SHALL RELIEVE THE CONTRACTOR OR ANY OTHER ENTITY OF THEIR OBLIGATION, DUTIES, AND RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCES, TECHNIQUES, TO PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING OR COORDINATING ALL PORTIONS OF THE WORK OF CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH AND SAFETY PRECAUTIONS REQUIRED BY GOOD CONSTRUCTION PRACTICES OR ANY REGULATORY AGENCIES. ANYONE USING INFORMATION FROM THESE PLANS ACKNOWLEDGES AND WARRANTS THAT PRECISION ENGINEERING, LLC IS NOT RESPONSIBLE FOR SITE SAFETY IN ANY WAY.

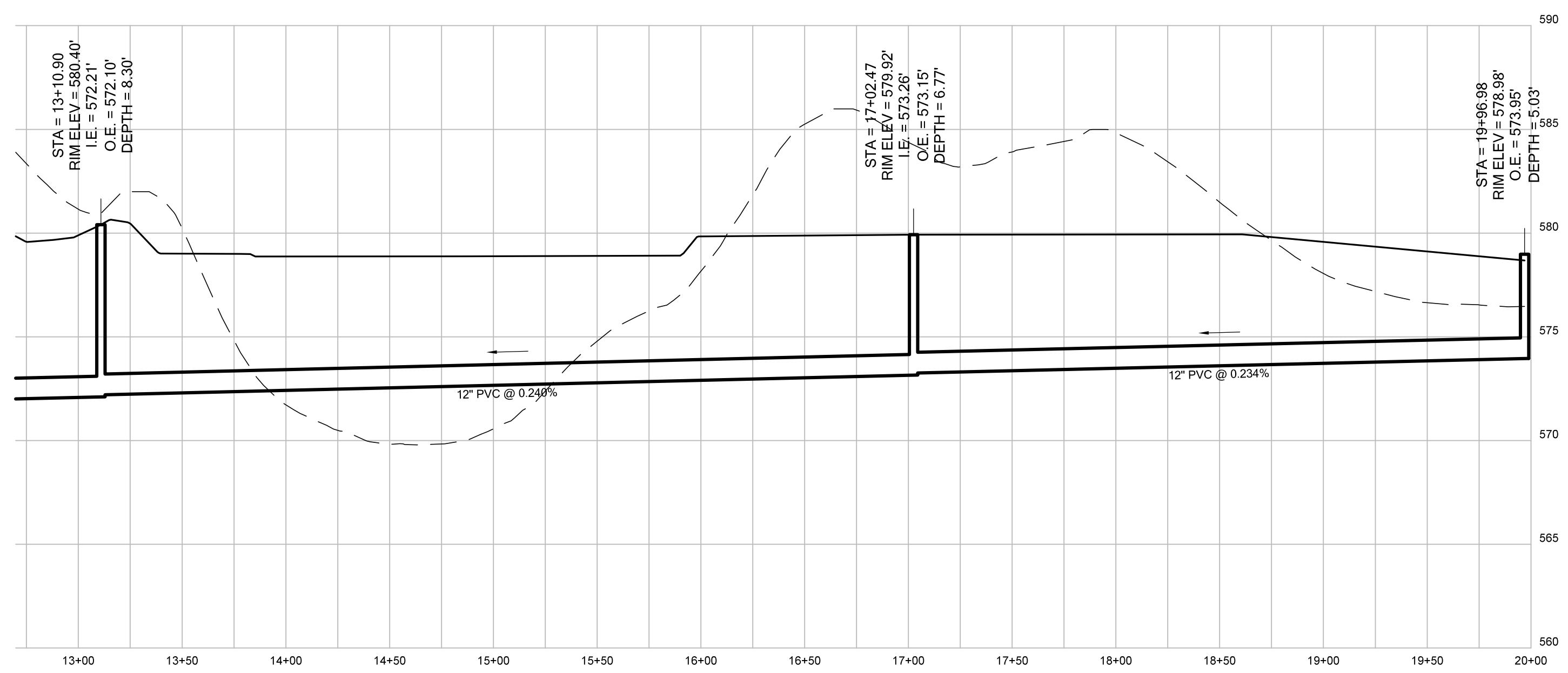
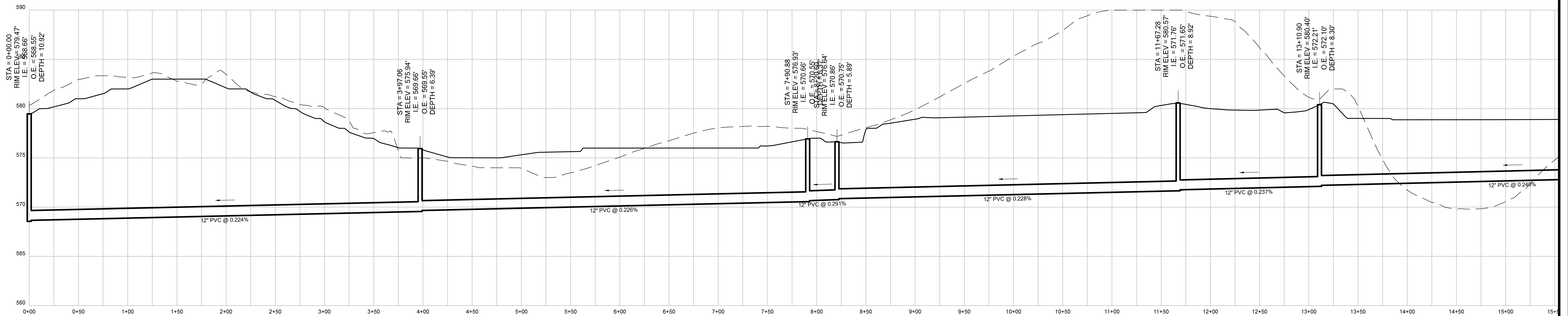
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**C4.0  
 SITE UTILITIES  
 PLAN**





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DATE:	Sep. 01, 2022
SCALE:	N.T.S.

PROFILE SCALE  
HORIZ: 1" = 50'  
VERT: 1" = 5'

**C4.1**  
SEWER  
PROFILES



