

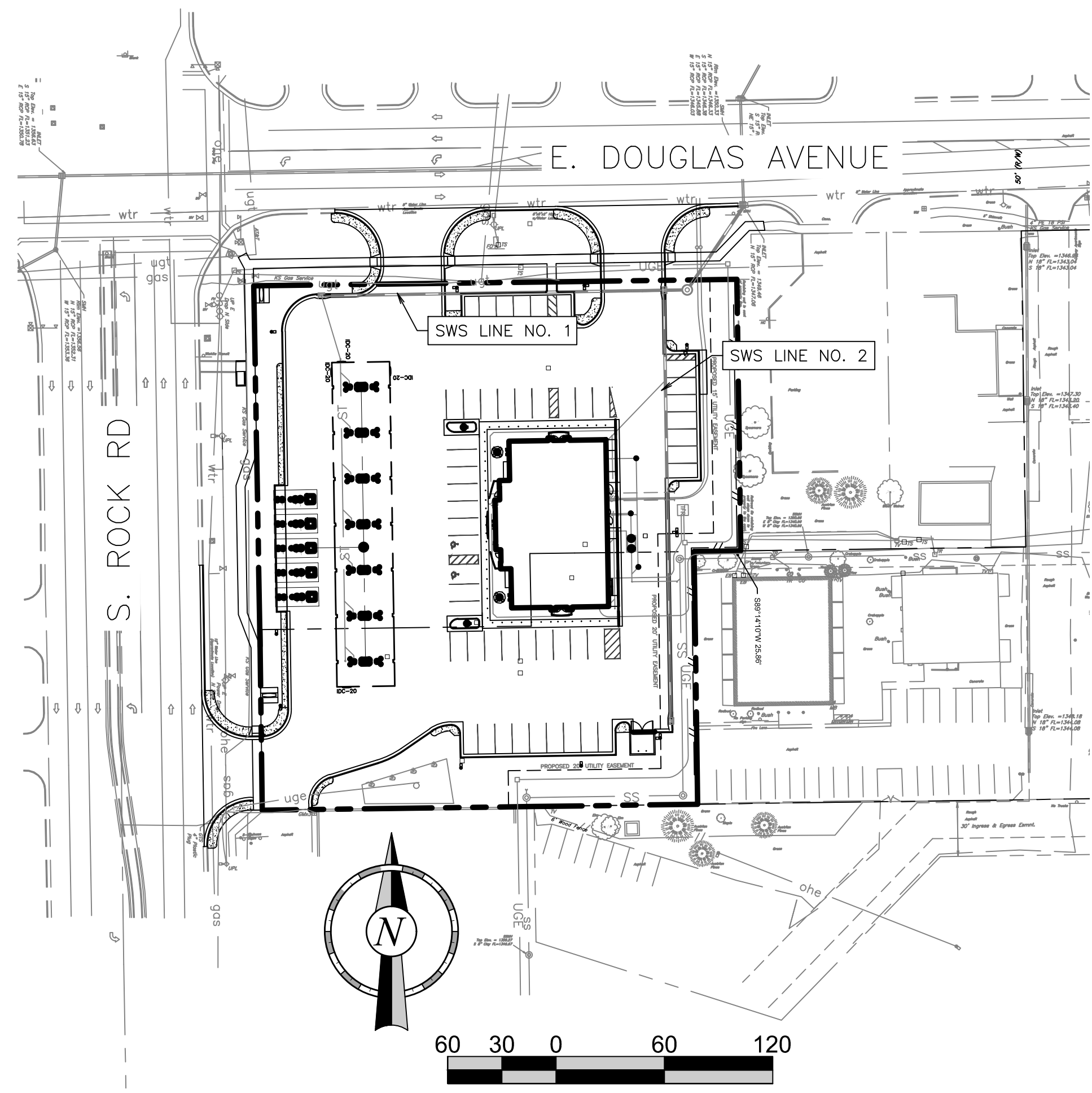
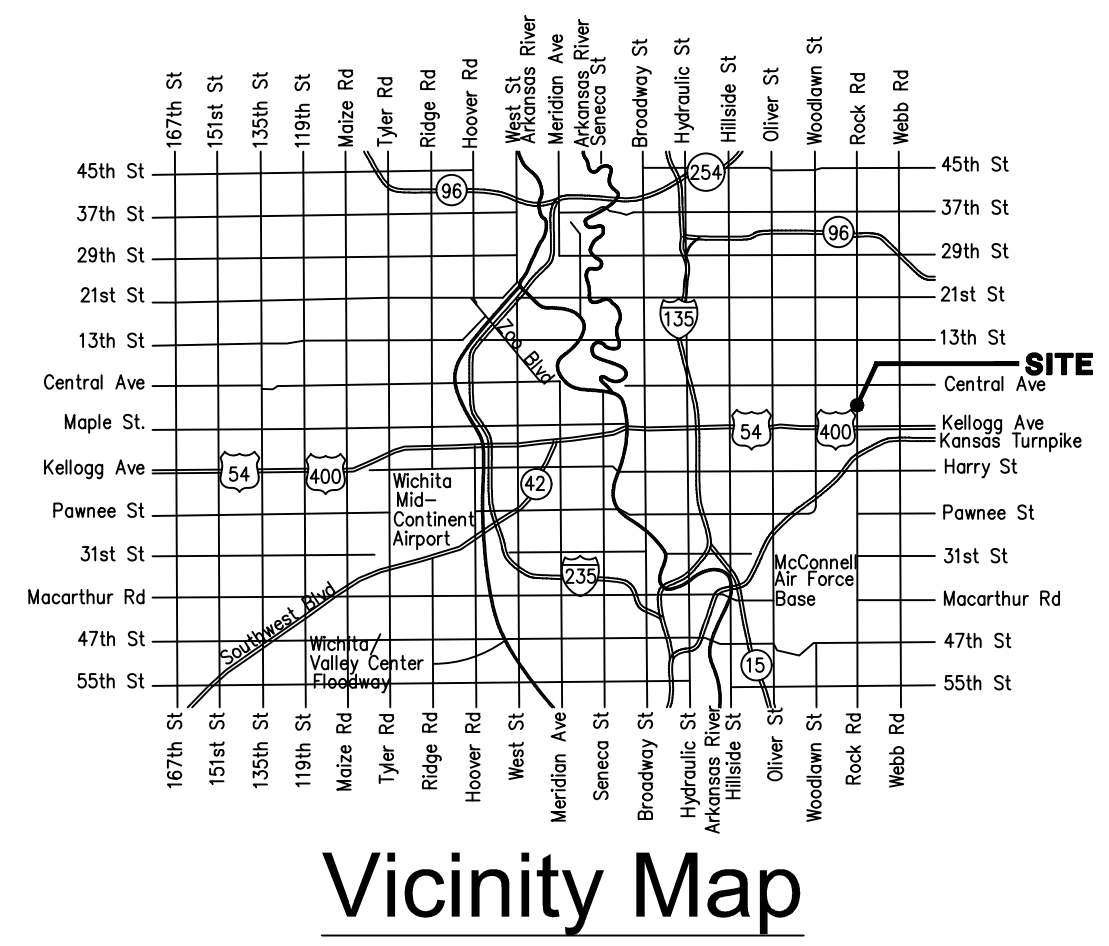
GENERAL NOTES:

- The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
- Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:
Kansas One-Call 687-2470
The Contractor must notify the following in case of an emergency:
AT&T 1-800-246-8464
Black Hills Energy 1-800-694-8989
City of Wichita Water & Sewer 1-316-219-8921
City of Wichita Stormwater 1-316-268-4090
City of Wichita Traffic 1-316-268-4034
Cox Communications 1-888-249-3530
Kansas Gas Service 1-888-482-4950
Westar Energy 1-800-544-4857
- Utility service lines, poles, etc. are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations, in the opinion of the Engineer, that will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain will require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits will require additional archaeological investigations unless buried in a previously approved borrow location.
- Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the City Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
- The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.
- The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.
- The Engineering Division shall field locate water valves one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, valve boxes or fire hydrants damaged during construction shall be repaired by Contractor at his own expense. Valve boxes and water meters within the project limits shall be adjusted to match final grades by the contractor.
- The Contractor shall notify the inspecting engineer and Dawnita Reinhardt at 316-268-4574 with the City of Wichita with the anticipated construction start date and notify them of project completion. Staking and inspection for this project will be the responsibility of the Contractor.
- If traffic will be impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, Mike Armour at traffic@wichita.gov before construction can begin. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform to the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be the Contractors responsibility.
- All elevations shown are NAVD 88.
- All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.

- Any sidewalk, drive approach, or street pavement removed to construct project must have a pavement cut permit and be replaced by the City contractor. Permits can be obtained by calling 316-268-4501 or 316-268-4480.
- City maintenance of storm sewer ends at the last structure in the easement or right-of-way.
- A portion of excess excavated material shall be mounded around manholes which extend more than one (1) foot above the existing ground. Such mound shall be constructed with new development a six (6) foot diameter flat top with 4 to 1 side slopes down to the original ground. The elevation of the flat top of the mound shall be 0.4 foot below the top to the manhole.
- Geotechnical report available upon request.
- Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.
- The inspecting firm shall submit to the City Stormwater Maintenance Division a digital copy of the CCTV inspection of the conduits and structures following construction. The digital file formation shall be compatible with the City input template. A copy of the template is available upon request at 316-268-4090.
- The Contractor shall protect from damage and support existing utilities through construction as approved by the utility owner and the Engineer at the contractors expense.

STORM SEWER IMPROVEMENTS QUIKTRIP STORE #0353 110 SOUTH ROCK ROAD CITY OF WICHITA, KS

GARY JANZEN, P.E. CITY ENGINEER
PROJECT NUMBER
2022-000787PPD (56030970)



Vane Drain installed 12-5-23. Wasn't installed on first AB redline plans.

Contractor: Dondlinger
Sub Contractor: Apex Excavation
Apex Foreman: Clint Hull
Dondlinger Superintendent: Mike Sullivan
Inspecting Firm: CED
Inspector: Lana Wilson
Date of Completion: 12-8-23
Completed Per Plan

PPD SHEET INDEX

Sheet Number	Sheet Title
1	COVER SHEET
2	GRADING PLAN
3	SWS LINE NO. 1 PLAN & PROFILE
4	SWS LINE NO. 2 PLAN & PROFILE
5	PHASE 1 EROSION CONTROL PLAN
6	PHASE 2 EROSION CONTROL PLAN
7	QT DRAINAGE DETAILS 1
8	QT DRAINAGE DETAILS 2
9	MANHOLE DETAILS
10	MANHOLE FRAME & COVER DETAILS
11	EROSION CONTROL DETAILS 1
12	EROSION CONTROL DETAILS 2
13	EROSION CONTROL DETAILS 3
14	EROSION CONTROL DETAILS 4
15	EROSION CONTROL DETAILS 5

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS ENGINEERING
AND STORMWATER DIVISION

Engineering APPROVED BY SHAWN MELLIES ON 11/28/22

Stormwater APPROVED BY JOE HICKLE ON 11/28/22

NOTE TO CONTRACTORS

Inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said Inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer in the state of Kansas. No work shall be performed the Contractor without such inspection nor shall any work be commenced without written authorization by City Engineering. All Construction and Materials shall comply with the current City of Wichita Specifications and Standards and Special Provisions. (on file and available at Wichita.gov).

An approved copy of these plans signed by City staff are required on-site.

Stormwater Certification:
New Development or Redevelopment

These construction plans were prepared in accordance with the current Stormwater Management Regulations as set forth in the City of Wichita's Stormwater Management Ordinance 16.32 and the policies/guidelines presented in the Wichita/Sedgwick County Stormwater Manual.

Disturbed Area = ±2.27 Acres
Water Quality Treatment: Offsite BMP Program
Downstream Channel Protection: N/A
Detention: N/A*
The BMP used for this development is Offsite BMP Program.

*No change from existing impervious land use

BENCHMARKS:

BM-1 CHISELED SQUARE CUT TOP OF CURB AT NORTH RETURN ON WEST SIDE OF DRIVE INTO SOUTHERN CORPORATION (RENEWAL BY ANDERSON) ELEVATION=1349.67' (NAVD 88)

BM-2 CHISELED SQUARE CUT TOP OF CURB AT SOUTH RETURN OF ENTRANCE OFF ROCK ROAD TO QUIKTRIP ELEVATION=1356.31' (NAVD 88)

PROJECT NO.: 03-0353
CERTIFIED ENGINEERING DESIGN, P.A.
CIVIL ENGINEERING SERVICES

CED

1835 WEST MAPLE STREET
WICHITA, KANSAS 67213
PH. (316) 262-8808
FAX. (316) 262-1669

QuikTrip No. 0353

110 SOUTH ROCK ROAD
WICHITA, KS

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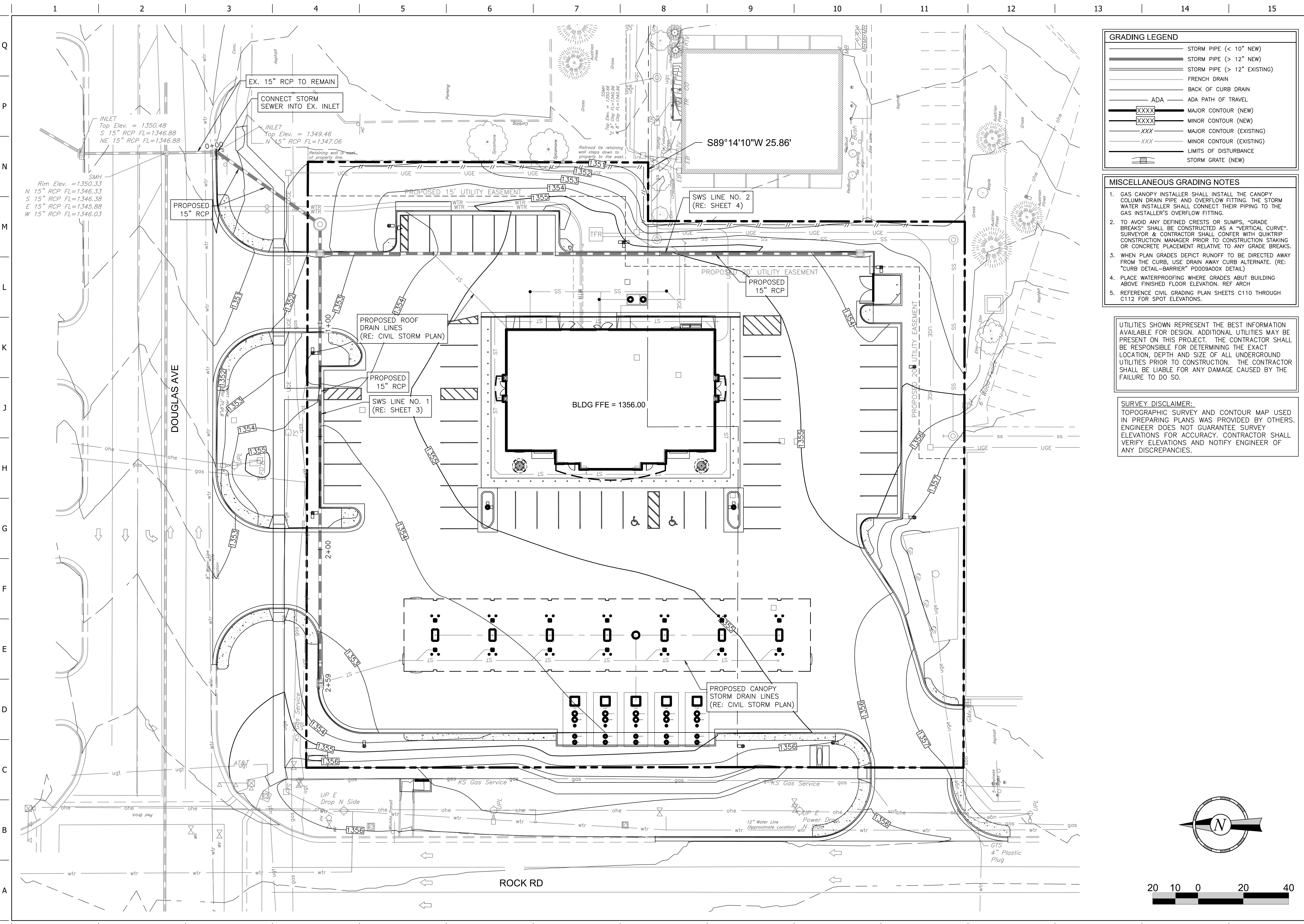
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COVER SHEET

SHEET NUMBER:
1

ONE CALL
KANSAS
KS 1-800-344-7233
WICHITA: 316-681-2470

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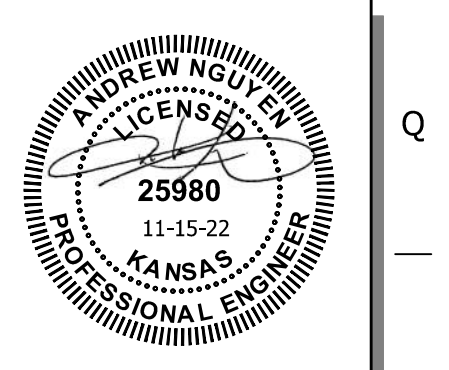
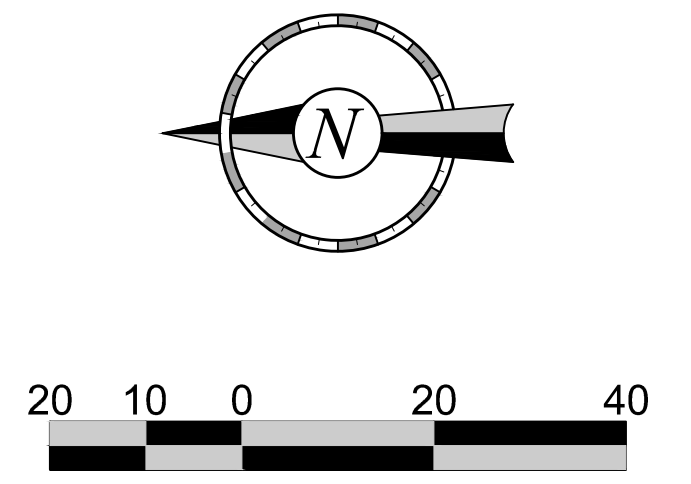
GRADING LEGEND

- STORM PIPE (< 10" NEW)
- STORM PIPE (> 12" NEW)
- STORM PIPE (> 12" EXISTING)
- FRENCH DRAIN
- BACK OF CURB DRAIN
- ADA
- ADA PATH OF TRAVEL
- MAJOR CONTOUR (NEW)
- MINOR CONTOUR (NEW)
- MAJOR CONTOUR (EXISTING)
- MINOR CONTOUR (EXISTING)
- LIMITS OF DISTURBANCE
- STORM GRATE (NEW)

- MISCELLANEOUS GRADING NOTES**
- GAS CANOPY INSTALLER SHALL INSTALL THE CANOPY COLUMN DRAIN PIPE AND OVERFLOW FITTING. THE STORM WATER INSTALLER SHALL CONNECT THEIR PIPING TO THE GAS INSTALLER'S OVERFLOW FITTING.
 - TO AVOID ANY DEFINED CRESTS OR HUMPS, "GRADE BREAKS" SHALL BE CONSTRUCTED AS A "VERTICAL CURVE". SURVEYOR & CONTRACTOR SHALL CONFER WITH QUIKTRIP CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION STAKING OR CONCRETE PLACEMENT RELATIVE TO ANY GRADE BREAKS.
 - WHEN PLAN GRADES DEPICT RUNOFF TO BE DIRECTED AWAY FROM THE CURB, USE DRAIN AWAY CURB ALTERNATE. (RE: "CURB DETAIL-BARRIER" P009A00X DETAIL)
 - PLACE WATERPROOFING WHERE GRADES ABUT BUILDING ABOVE FINISHED FLOOR ELEVATION. REF ARCH
 - REFERENCE CIVIL GRADING PLAN SHEETS C110 THROUGH C112 FOR SPOT ELEVATIONS.

UTILITIES SHOWN REPRESENT THE BEST INFORMATION AVAILABLE FOR DESIGN. ADDITIONAL UTILITIES MAY BE PRESENT ON THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY THE FAILURE TO DO SO.

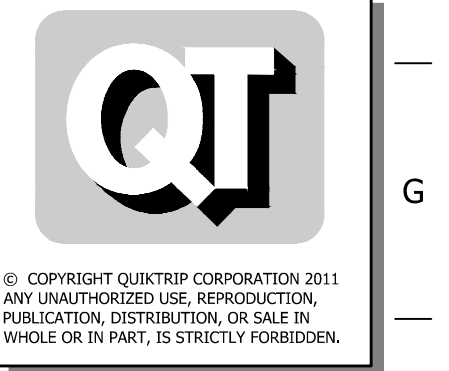
SURVEY DISCLAIMER:
TOPOGRAPHIC SURVEY AND CONTOUR MAP USED IN PREPARING PLANS WAS PROVIDED BY OTHERS. ENGINEER DOES NOT GUARANTEE SURVEY ELEVATIONS FOR ACCURACY. CONTRACTOR SHALL VERIFY ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.



PROJECT NO.: 03-0353
CERTIFIED ENGINEERING DESIGN, P.A.
CIVIL ENGINEERING SERVICES



QuikTrip No. 0353
110 SOUTH ROCK ROAD
WICHITA, KS



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DRAWN BY:
REVIEWED BY:

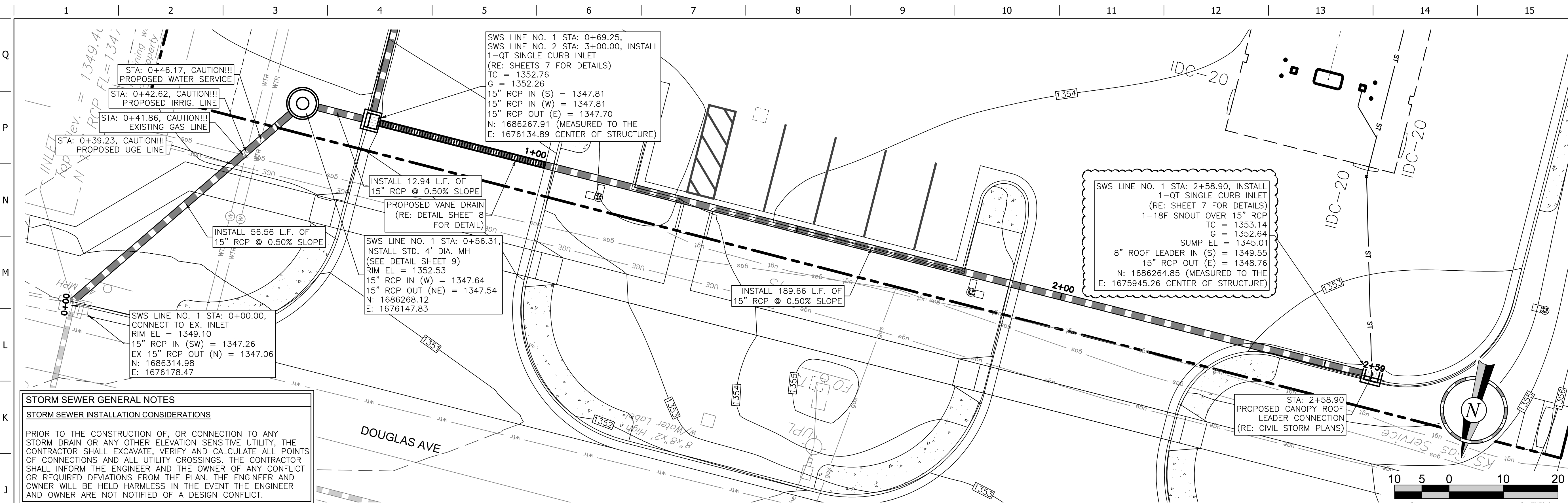
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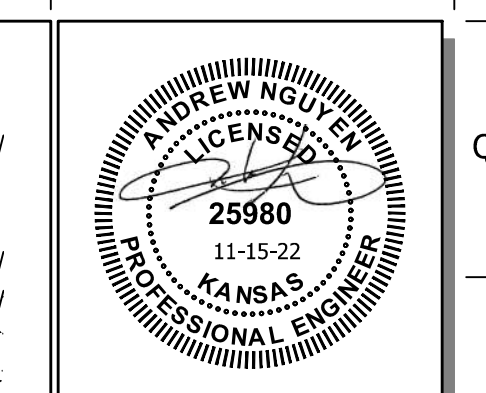
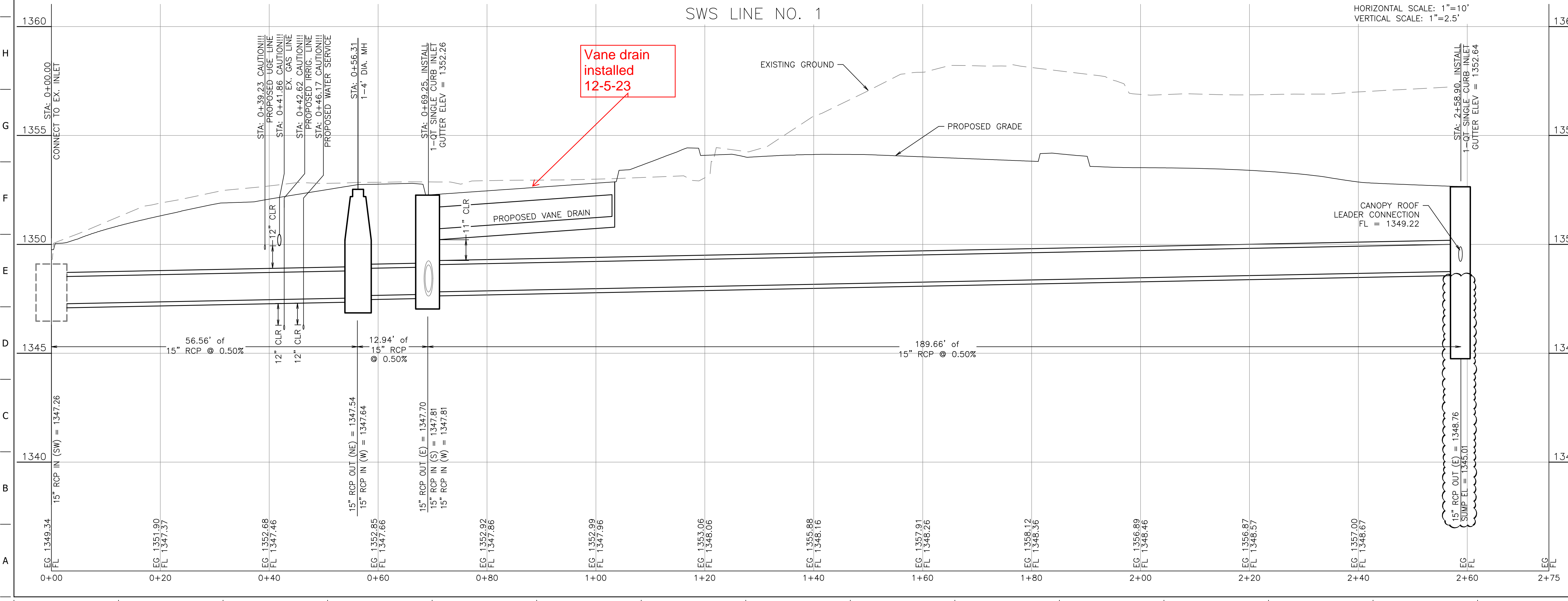
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STORM SEWER GENERAL NOTES
STORM SEWER INSTALLATION CONSIDERATIONS
 PRIOR TO THE CONSTRUCTION OF, OR CONNECTION TO ANY STORM DRAIN OR ANY OTHER ELEVATION SENSITIVE UTILITY, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTIONS AND ALL UTILITY CROSSINGS. THE CONTRACTOR SHALL INFORM THE ENGINEER AND THE OWNER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. THE ENGINEER AND OWNER WILL BE HELD HARMLESS IN THE EVENT THE ENGINEER AND OWNER ARE NOT NOTIFIED OF A DESIGN CONFLICT.



PROJECT NO.: 03-0353
 CERTIFIED ENGINEERING DESIGN, P.A.
 CIVIL ENGINEERING SERVICES
CED
 1935 WEST MAPLE STREET
 WICHITA, KANSAS 67213
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 FAX: (316) 262-1669

QuikTrip No. 0353
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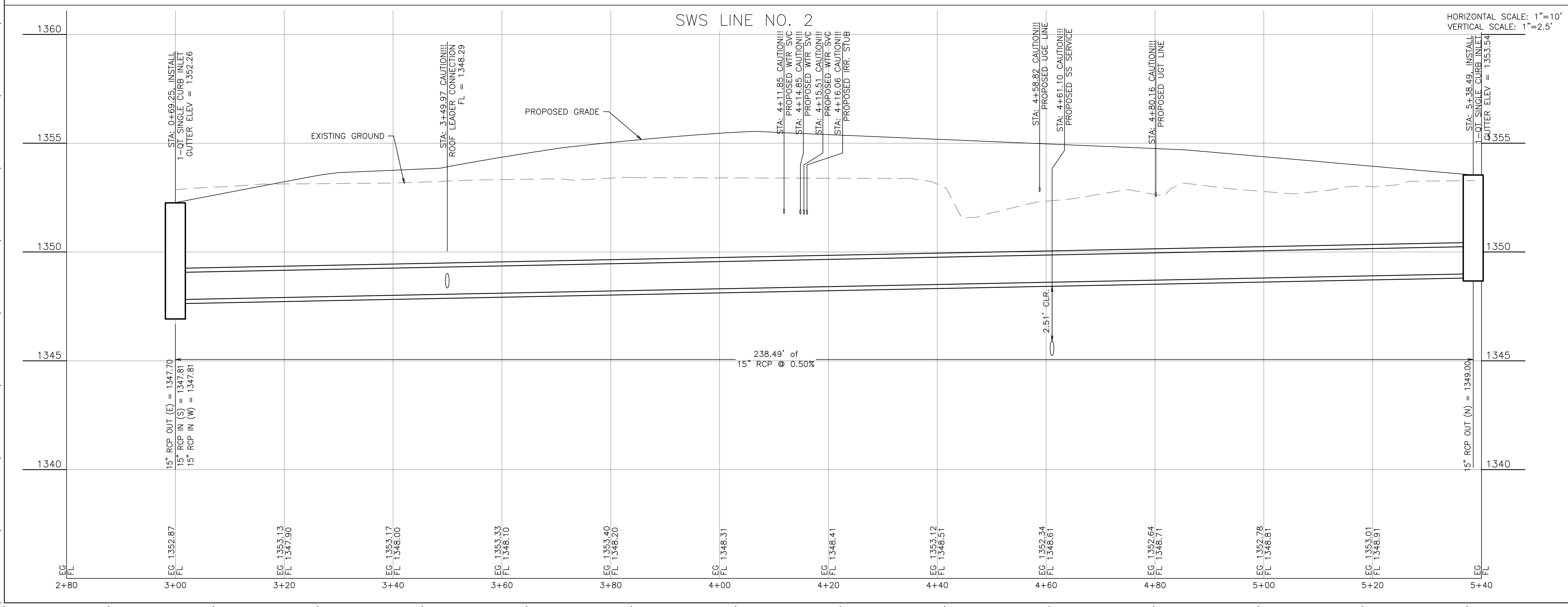
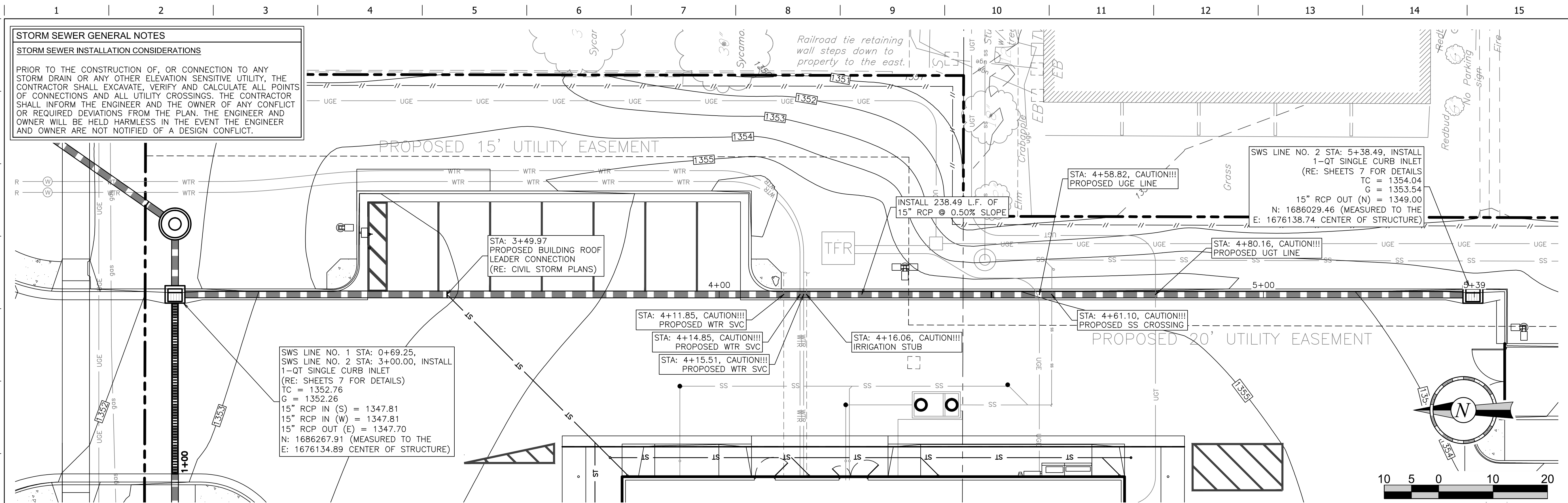
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1	2/17/2023	STORM DRAIN SNOUT

SHEET TITLE:
 SWS LINE NO. 1 PLAN & PROFILE

SHEET NUMBER:
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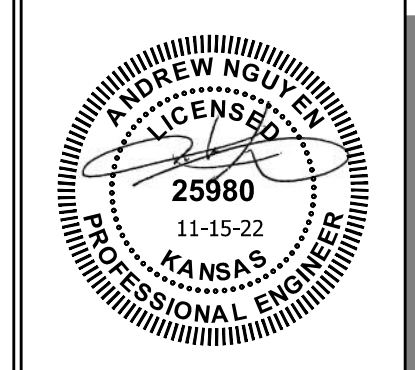
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STORM SEWER GENERAL NOTES
STORM SEWER INSTALLATION CONSIDERATIONS
 PRIOR TO THE CONSTRUCTION OF, OR CONNECTION TO ANY STORM DRAIN OR ANY OTHER ELEVATION SENSITIVE UTILITY, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTIONS AND ALL UTILITY CROSSINGS. THE CONTRACTOR SHALL INFORM THE ENGINEER AND THE OWNER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. THE ENGINEER AND OWNER WILL BE HELD HARMLESS IN THE EVENT THE ENGINEER AND OWNER ARE NOT NOTIFIED OF A DESIGN CONFLICT.

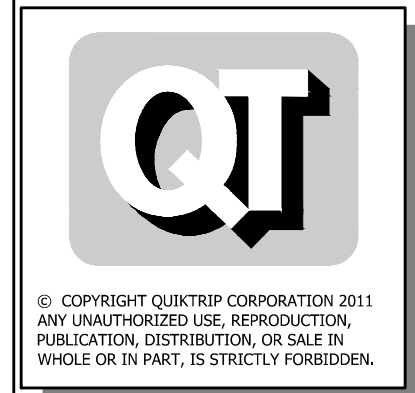
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 TC = 1352.76
 G = 1352.26
 15" RCP IN (S) = 1347.81
 15" RCP IN (W) = 1347.81
 15" RCP OUT (E) = 1347.70
 N: 1686267.91 (MEASURED TO THE E: 1676134.89 CENTER OF STRUCTURE)

SWS LINE NO. 2 STA: 5+38.49, INSTALL 1-QT SINGLE CURB INLET (RE: SHEETS 7 FOR DETAILS)
 TC = 1354.04
 G = 1353.54
 15" RCP OUT (N) = 1349.00
 N: 1686029.46 (MEASURED TO THE E: 1676138.74 CENTER OF STRUCTURE)



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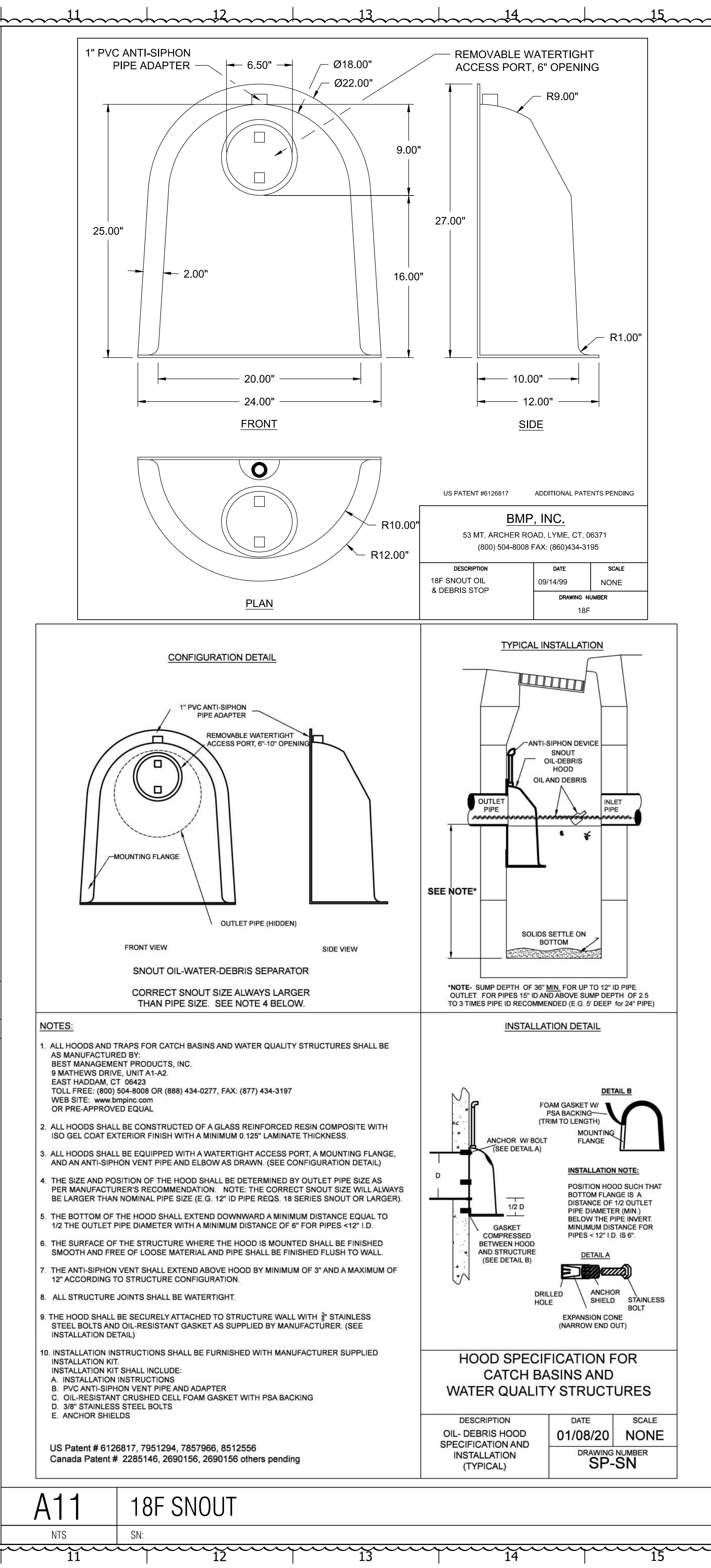
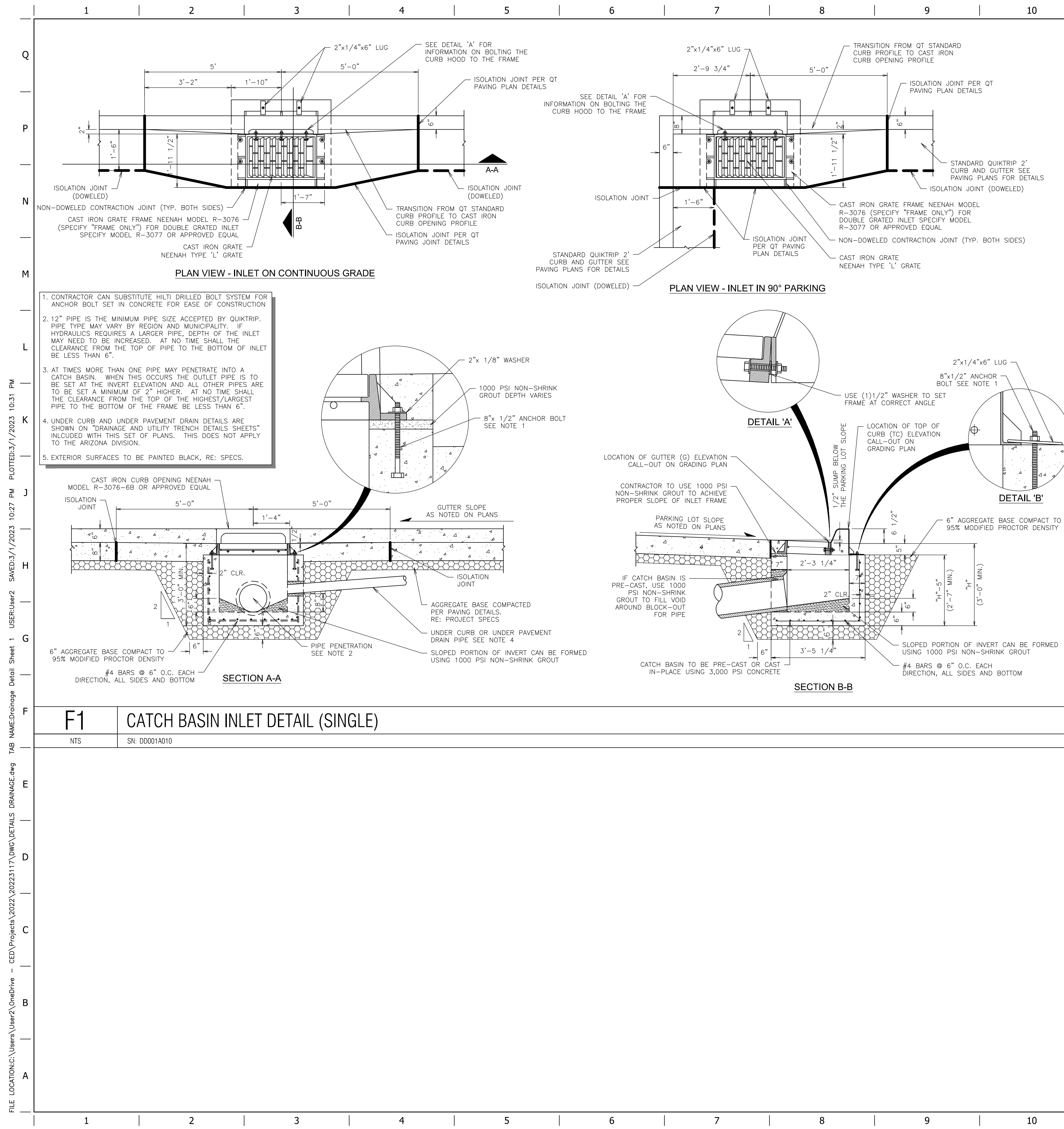
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SHEET TITLE:
 SWS LINE NO. 2 PLAN & PROFILE

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REV	DATE	DESCRIPTION
1	2/7/2023	STANDARD DRAIN SNOUT

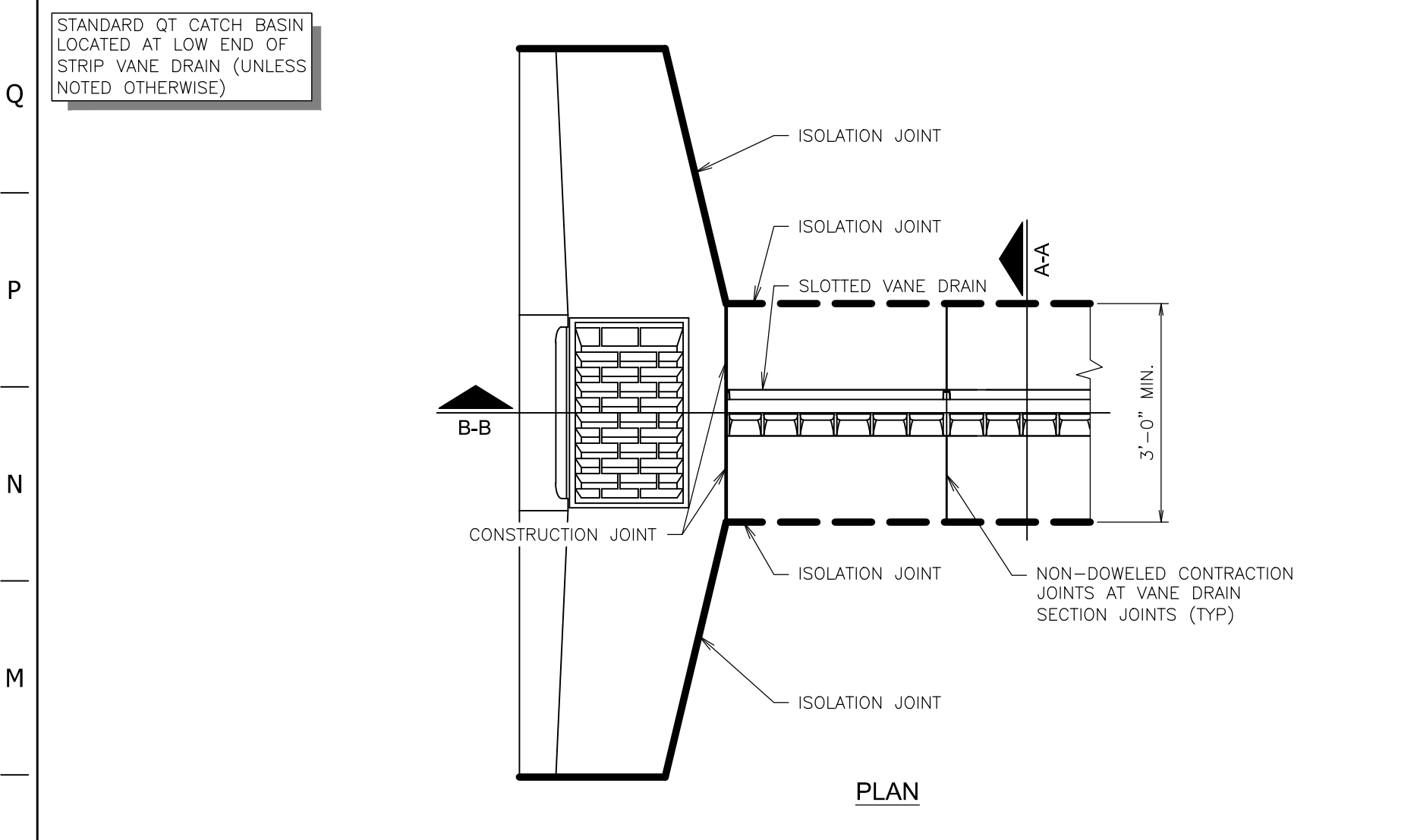
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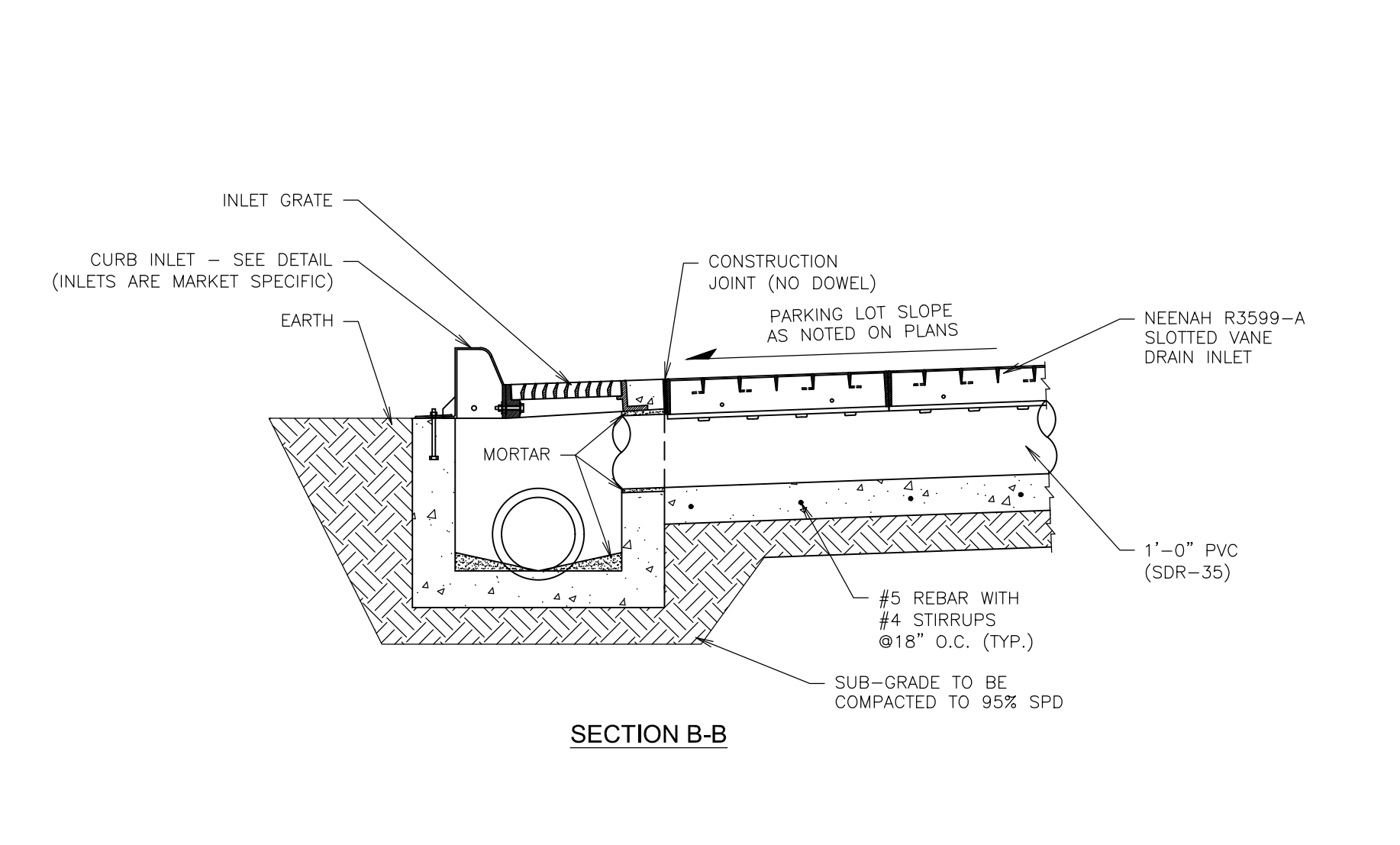
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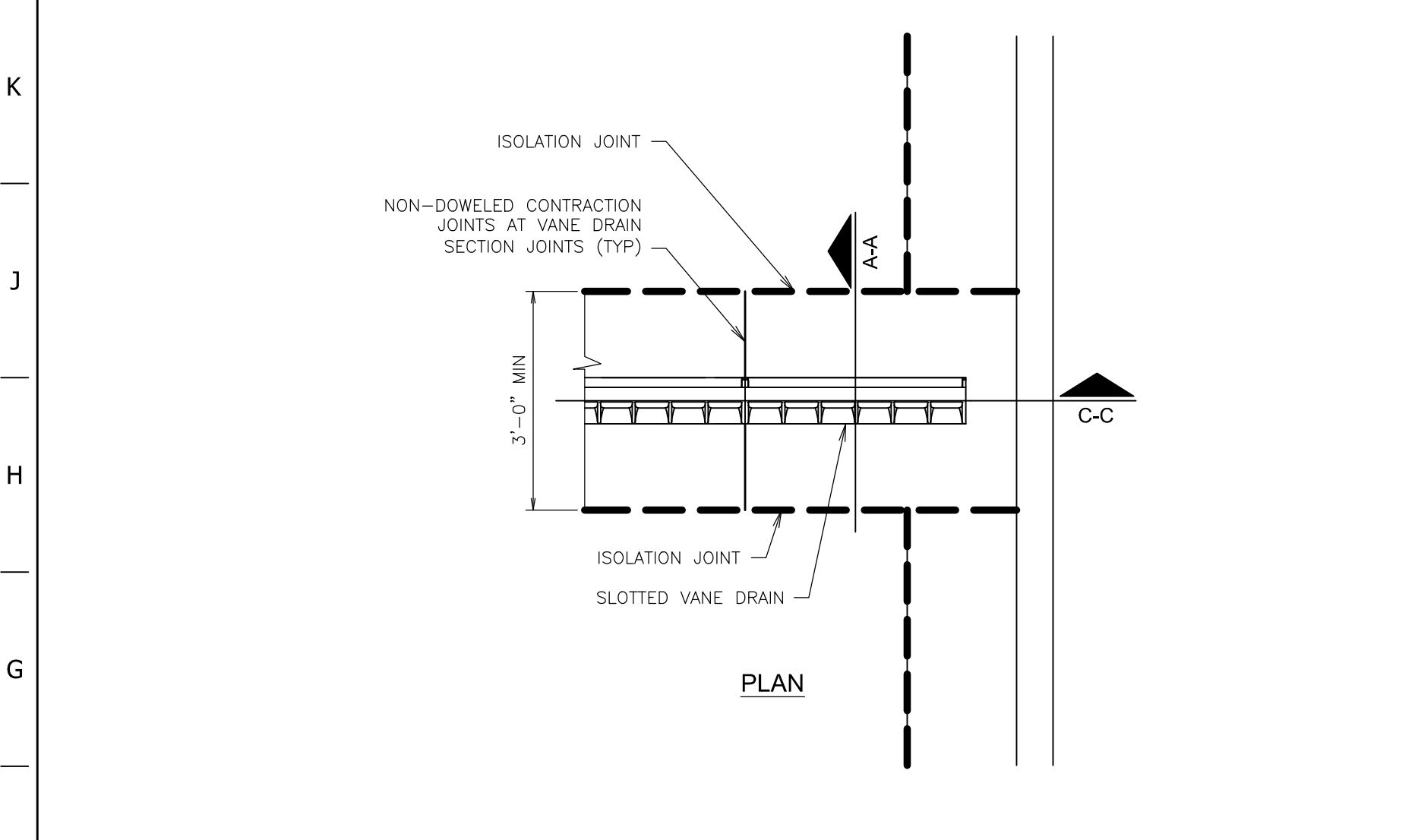
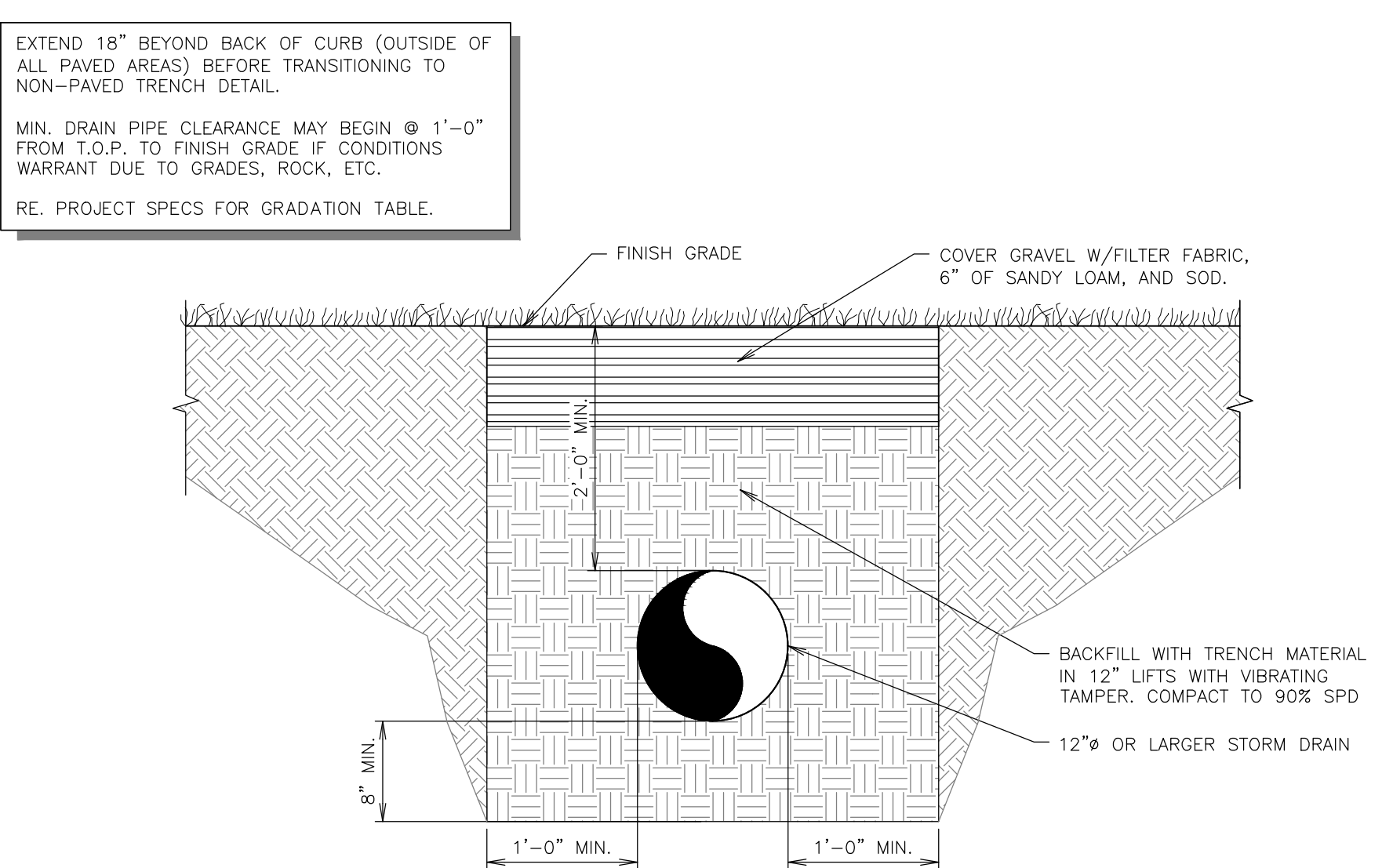
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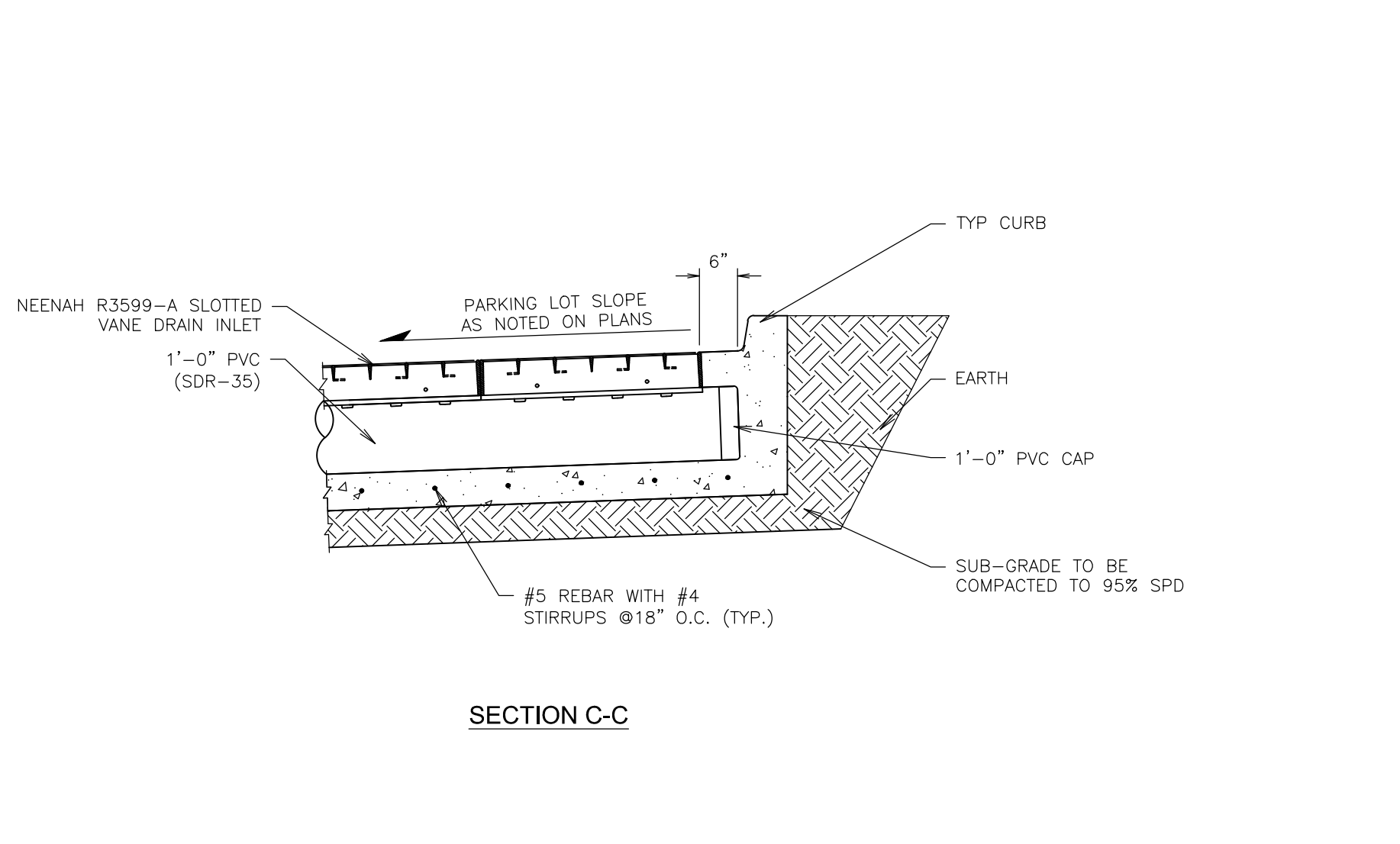
L1 SLOTTED VANE DRAIN INSTALLATION @ CATCH BASIN DETAIL
NTS SN: DD004A007



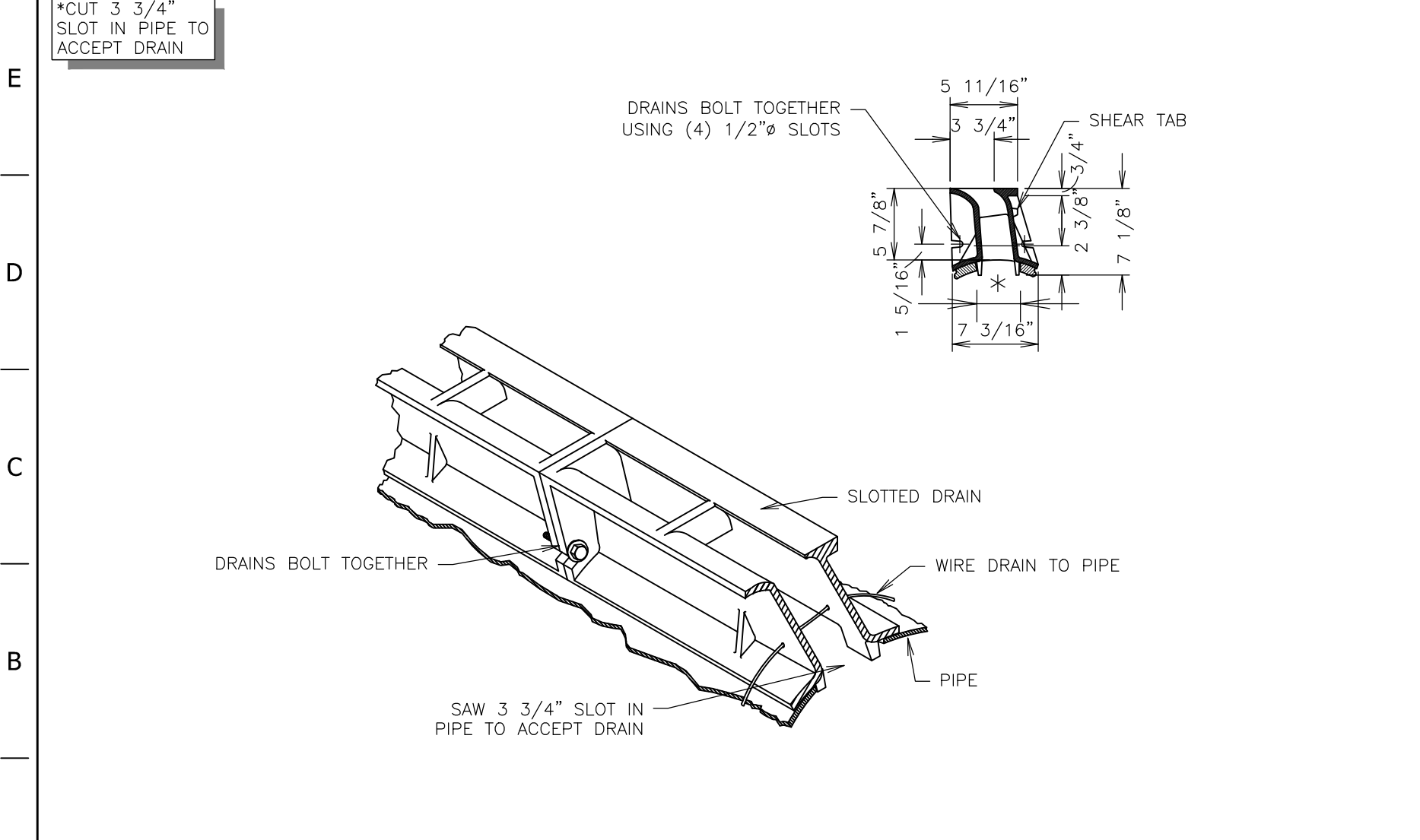
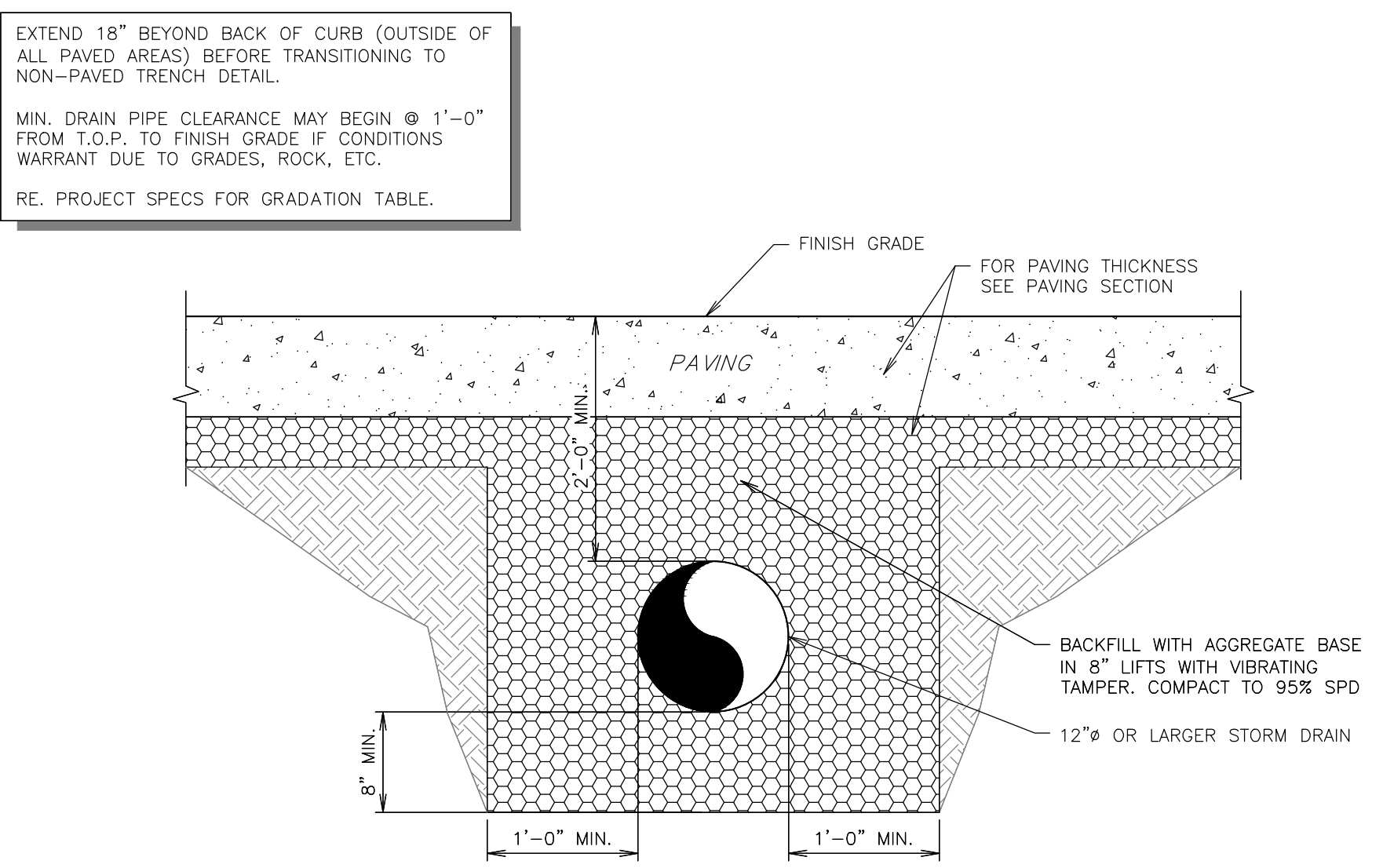
L11 12" DIAMETER OR LARGER STORM DRAIN (NON PAVED)
NTS SN: TD018B001



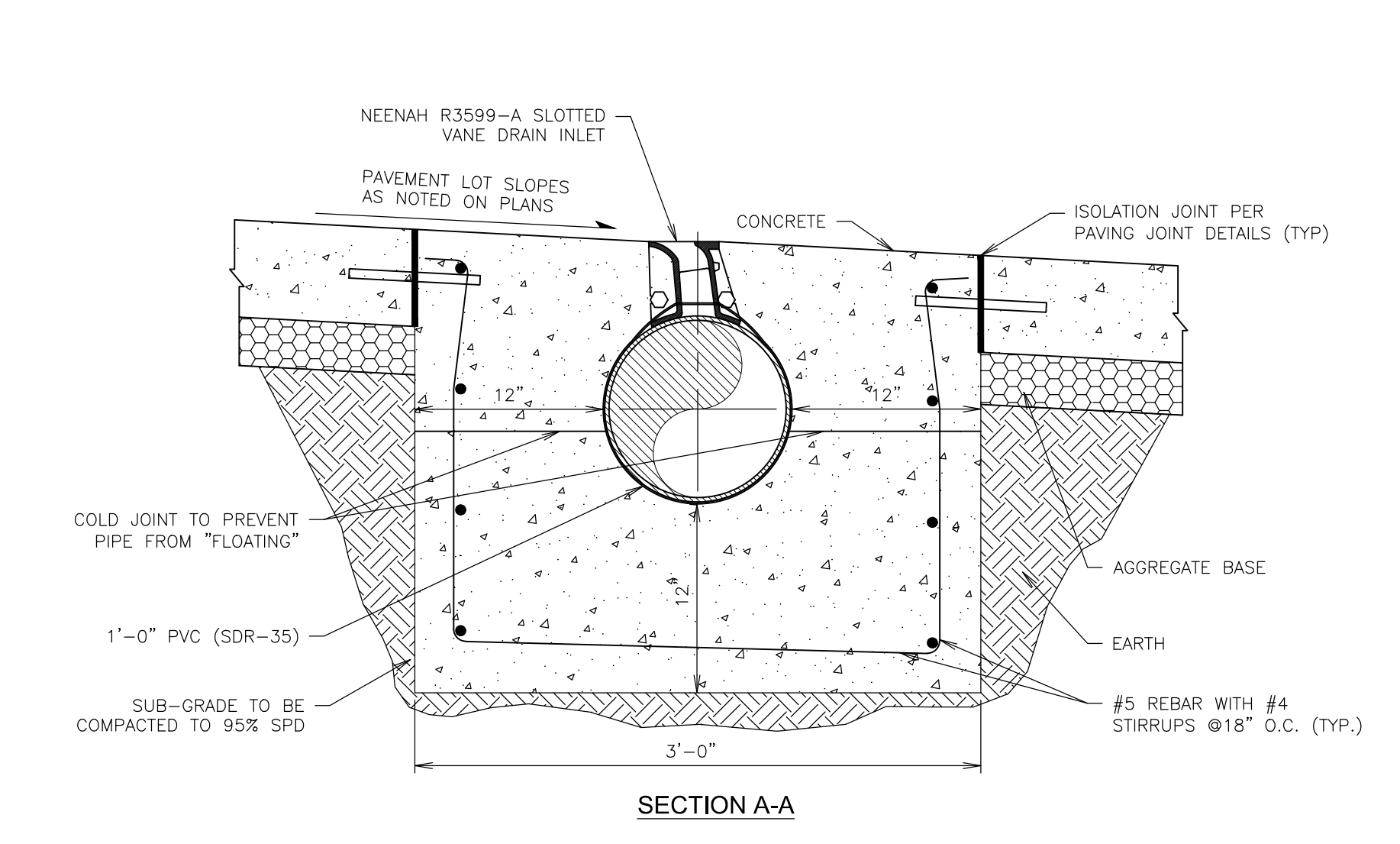
F1 SLOTTED VANE DRAIN INSTALLATION DETAIL
NTS SN: DD005A006



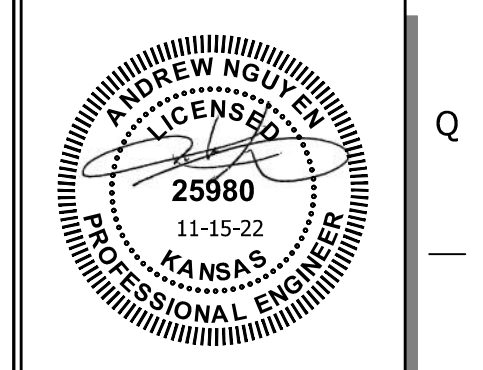
F11 12" DIAMETER OR LARGER STORM DRAIN (PAVED)
NTS SN: TD018A001



A1 SLOTTED VANE DRAIN (ISOMETRIC VIEW)
NTS SN: DD007A003

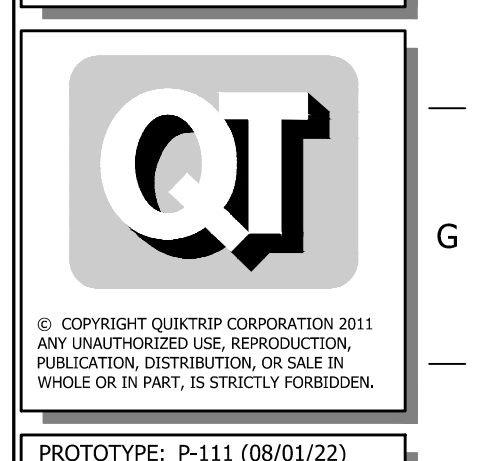


A6 SLOTTED VANE DRAIN INSTALLATION CROSS SECTION "A-A"
NTS SN: DD006A008



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QT DRAINAGE DETAILS 2

SHEET NUMBER:
8

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