

The City of Lewisville, Texas

Construction Plans for

Valley Vista and Poydras Drainage Improvements

100% CONSTRUCTION PLANS



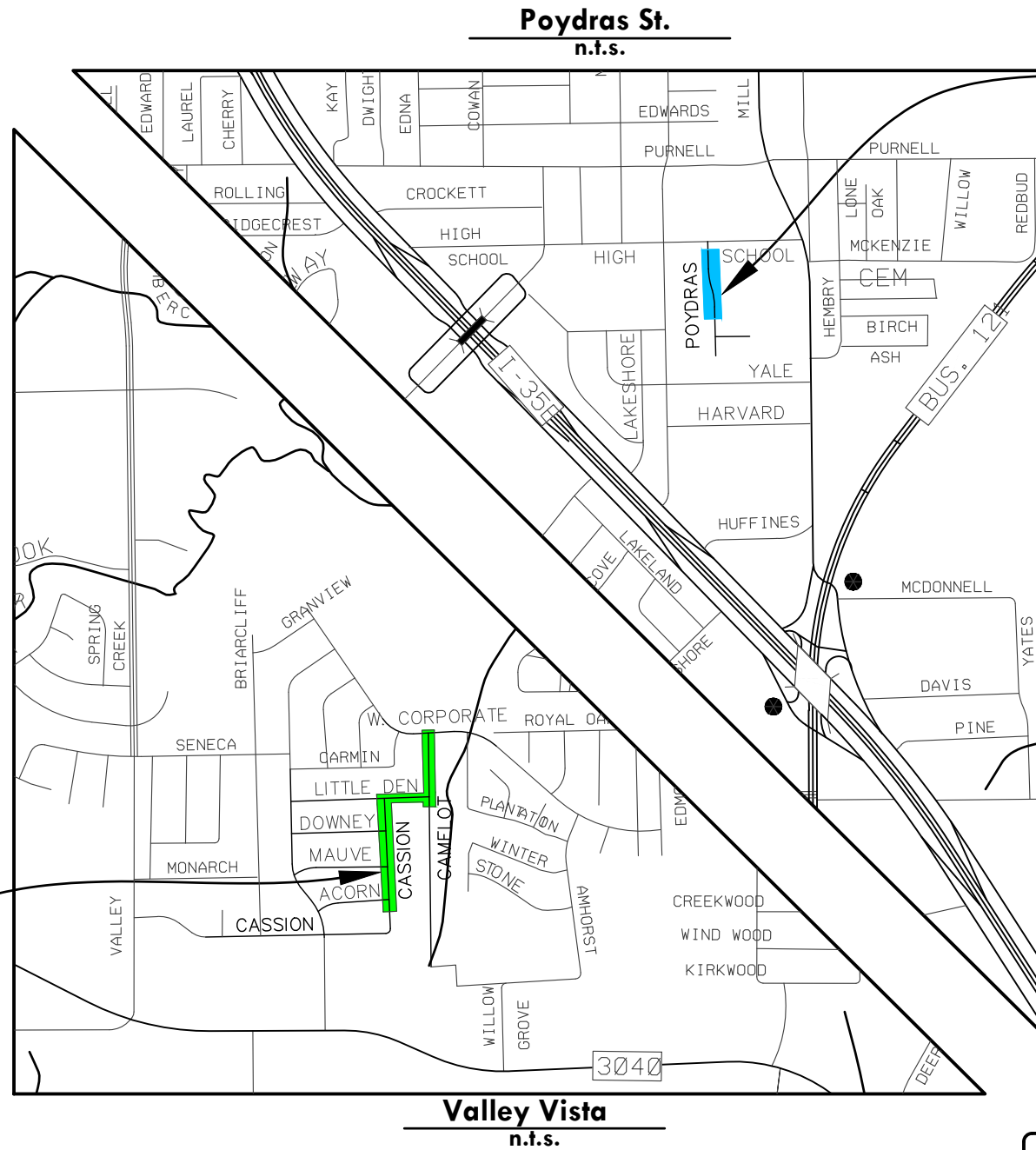
Mayor

TJ Gilmore

City Council

- Ronni Cade, Deputy Mayor Pro Tem
- Patrick Kelly, Mayor Pro Tem
- William J. Meridith
- Brandon Jones
- Kristin Green
- Bob Troyer

Valley Vista
Project Site



Poydras Project Site

October 2025



Prepared by:



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Drawing: F:\Projects\LEW24361\Eng-CAD\Construction\plans\Covering of Oct 16, 2025-8:17am by oha
 Layout: Sheet Index - Xrite Denton County NC MAP - F-2284-TBLK-LEW24361

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City of Lewisville, Texas
 Drainage Improvements for
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1. All construction, materials and workmanship shall conform to City of Lewisville standard details, latest edition and standard specifications for public works construction, North Central Texas Council of Governments (NCTCOG Standard Specifications), Fourth Edition, unless otherwise noted.
2. General construction sequence and traffic control is shown in the plans. All traffic control devices must be in accordance with the TMUTCD, Latest Edition. Proper notification must be given to all affected property owners at least 48 hours in advance of all construction operations.
3. The Contractor shall provide temporary drainage measures during construction.
4. The Contractor shall install all temporary and permanent pavement markings and signage.
5. Bracing of utility poles may be required by utility companies when trenching or excavation is in close proximity to the poles. The cost of bracing poles will be borne by the Contractor. There is no separate pay item for this work. The cost shall be considered incidental to work included in the contract unit price bid for applicable pipe or structure installation.
6. The locations, elevations and dimensions of all existing utilities shown on the plans were obtained from available utility company records and plans and are considered approximate. It shall be the Contractor's responsibility to verify locations, elevations, and dimensions of adjacent and/or conflicting utilities sufficiently in advance of construction in order that adjustments can be made to provide adequate clearances. The Contractor shall preserve and protect public utilities at all times during construction. Any damage to utilities resulting from Contractor's operations shall be restored at his expense. The Engineer shall be notified when proposed facility grades conflict with existing utility grades. The following utility companies shall be notified at least ten (10) days in advance of construction:

City of Lewisville (Public Works)	(972) 219-3510
Utility Line Locator	8-1-1
Frontier	(940) 367-4473
Texas New Mexico Power	(972) 353-5008
Atmos Gas	(972) 360-4428
Spectrum	(469) 964-4075
7. Verify locations of franchise utilities before beginning excavation. If necessary, dig test ditches to determine actual field conditions. The Contractor shall notify a representative of the franchise utilities not less than 72 hours before beginning work within the agencies' R.O.W.'s or near their facilities.
8. The information shown on these drawings concerning type and location of underground and other utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to the type and location of all underground and other utilities as may be necessary to avoid damage thereto. The Contractor shall repair any damages to existing utilities immediately at no additional cost to the city. The Contractor shall be responsible for notifying utility companies in the area of construction a minimum of 72 hours prior to any excavation.
9. The Contractor shall immediately repair or replace any physical damage to private property, including, but not limited to fences, walls, mailboxes, pavement, grass, trees, planters, and lawn sprinkler and irrigation systems at no cost to the owner. This work shall be subsidiary to the contract, unless otherwise noted, and is not a separate pay item.
10. The Contractor shall protect all trees in the project area during construction. No tree shall be removed within the right-of-way unless marked and approved for removal by the City Inspector.
11. The Contractor shall cut and plug all irrigation systems located within the right-of-way or easement prior to construction. After construction is complete, the Contractor shall replace and reconnect the systems to original or better condition, at no cost to the owner.
12. The Contractor shall remove surplus material from the project area. This work shall be subsidiary to the contract and is not a separate pay item.
13. No onsite materials shall be used as topsoil. All topsoil shall be imported from a commercial source for topsoil and must meet specifications for imported topsoil.
14. The Contractor shall sawcut, remove and dispose of existing pavements, curb and gutter, inlets, driveways and sidewalks offsite.
15. The Contractor shall topsoil, place block sod, and fertilize all areas disturbed by construction. The Contractor shall provide whatever measures are needed, including temporary irrigation and mowing, to ensure establishment of grass. Unless otherwise noted, private lawn areas and parkways in front of private lawn areas disturbed by construction shall be replaced with block sod of a similar grass to that existing. All area where sod is placed shall receive four (4) inches of topsoil. All grass areas shall be fertilized at the rate of 400 lbs. per acre.
16. The Contractor shall be responsible for taking measures to minimize damage to tree limbs, tree trunks, and tree roots along the route of the project. All such measures shall be considered incidental to work included in the contract unit price bid for applicable pipe or structure installation. The Contractor shall inspect each work site in advance and arrange to have any tree limbs pruned that might be damaged by equipment operations. The Engineer shall be notified at least 24 hours prior to any tree trimming work. Nothing shall be stored over the tree root system within the drip line limits of any tree. The Contractor shall employ a qualified landscaper for all work required for tree care to ensure utilization of the best agricultural practices and procedures.
17. All fences to remain unless otherwise noted.
18. Contractor shall field locate pipelines at connection points prior to ordering or fabricating proposed pipe. Contractor shall verify pipe size, type, elevation and horizontal location. Contractor shall make all necessary adjustments to connect to existing line after approval from the Engineer.
19. It will be the responsibility of the Contractor to protect all public utilities in the construction of this project. All manholes, cleanouts, valve boxes, fire hydrants, etc., not shown to be abandoned, must be adjusted to proper grade by the contractor prior to and after placing of permanent paving. Utilities must be maintained to proper line and grade during construction of the paving for this project. All utility location and grade adjustments are subsidiary except for those included in the pay items.
20. The maximum P.I. allowed for a treated subgrade is 25.
21. The Contractor is responsible for all third party costs associated with the construction of this project. (i.e. inspections, material testing, flaggers, traffic control performed by Police Officers and etc.)
22. Prior to any construction the Contractor shall familiarize himself with the contract documents and specifications, the plans including all notes, the City of Lewisville standards for construction and any other applicable standards and specifications relevant to the proper completion of the work specified. Failure on the part of the Contractor to familiarize himself with all standards or specifications pertaining to this work shall in no way relieve the contractor of his responsibility for performing the work in accordance with all such applicable standards and specifications.
23. In the event an item is not covered in the City of Lewisville construction standards, specifications, and details, the North Central Texas Council of Governments (NCTCOG) Public Works construction standards shall apply with concurring notification to the City Engineer and Project Engineer. The Engineer shall have the final decision on all construction materials, methods, and procedures.
24. No trees outside project area shall be cut except on specific authority of the Engineer. The Contractor shall protect the existing trees, bushes, landscaping plants and lawns unless noted otherwise on the drawings. Any damage to the existing trees, bushes, landscaping plants, or lawns caused by the construction shall be repaired or replaced to the satisfaction of the City, at the Contractor's expense.
25. Construction inspection will be performed by representatives of the City, Engineer, Geotechnical testing lab Engineer, and reviewing authorities and agencies. Unrestricted access shall be provided to them at all times. Contractor is responsible for understanding and scheduling required inspections.
26. All work shall conform to the City of Lewisville construction standards, specifications, and details, unless shown otherwise in the plans and specifications.
27. Contractor shall take pictures or video prior to construction to document site conditions. Copies shall be provided to the City and Engineer. This shall be considered subsidiary to mobilization.
28. The Contractor shall not unload or store materials, permit workers to park, nor park equipment within the street right-of-way where the street is open to public travel without prior approval of the city.
29. The Contractor shall provide at least one chemically treated portable toilet for every 20 workmen on the job site, a minimum of one toilet is required. The unit(s) shall remain on the site during all active phases of construction. The Contractor shall enforce the use of the facilities by all personnel at the site. The unit(s) shall be obscured from public view to the greatest extent practicable. The portable toilets shall be cleaned a minimum of one time per week.
30. The Contractor shall notify all emergency units, school districts, and the us postal service operating within the area of the proposed work of street or lane closures and construction schedules a minimum or 48 hours prior to beginning work.
31. Lewisville I.S.D. Department of Transportation
972-221-4557

City of Lewisville Fire and Rescue Department
972-219-3580

City of Lewisville Police Department
972-219-3600

US Postal Service
972-436-9941
32. Access to abutting property during the construction of this project must be maintained for emergency and local traffic at all times.
33. The Contractor shall maintain fire emergency vehicle access to fire hydrants throughout the duration of the project. Inactive fire hydrants shall be bagged.
34. The Contractor is responsible for keeping streets and sidewalks adjacent to the project free of mud and debris from construction at all times.
35. Mail boxes will be reset as directed by the engineer and in accordance with USPS regulations. Continuous mail service shall be provided during construction. Contractor shall coordinate the use of temporary mailboxes used during construction with the USPS.
36. The Contractor shall place the project signs as directed by the engineer. The project signs are subsidiary to the various bid items. The project sign shall be complete in place within 10 days of notice to proceed.
37. All dimensions and coordinates shown are to the proposed centerline of the pavement, pipe, etc. And the back of curb. Unless noted otherwise.
38. All barricades, warning signs, lights, devices, etc. for the guidance and protection of traffic and pedestrians must conform to the installation shown in the Texas Manual of Uniform Traffic Control Devices, as currently amended. Texas Department of Transportation.
39. The City of Lewisville's noise ordinance allows the Contractor to work from 7:00 a.m. to sunset, Monday through Friday. Any request to work on a Saturday must be made prior to 12:00 p.m. on Thursday afternoon and will require a minimum four (4) hour charge. The Contractor shall pay overtime charges of \$111.80 per hour to the City of Lewisville for work on Saturday. No work is allowed on Sundays or City Holidays without written approval from the City Engineer or Designee.
40. The Contractor shall be responsible for providing a two (2) year, 100% maintenance bond to the City of Lewisville for all public improvements (water, sanitary sewer, storm drainage, pavement, sidewalk, screening walls, traffic signals, pavement markings, and excavation/fill) within right-of-ways or easements.
41. No water jetting is allowed for water, sanitary sewer and storm sewer drainage construction.
42. All trenches that are excavated to a depth in excess of five (5) feet shall be excavated and maintained in a manner that meets all Occupational Safety and Health Administration (OSHA) standards. Prior to the excavation and construction of the trench(es), the Contractor shall be responsible for submitting two (2) copies of the trench safety plans prepared by a licensed Professional Engineer in accordance with OSHA standards.
43. All embedment and backfill shall be wetted to approximate optimum moisture and compacted in twelve (12) inch lifts to 95% standard proctor density. Density tests shall be obtained for each lift and for each 150 lineal feet of trench or increment thereof. The Contractor shall be responsible for submitting a copy of all geotechnical laboratory reports/tests results to the City of Lewisville.
44. There shall be no filling in the floodplain or dumping within the City of Lewisville without an approved grading plan and/or fill these changes in "Record Drawings."
45. The Contractor shall be responsible for providing erosion control in accordance with the Erosion Control Plan provided by the Engineer and/or as identified on the Storm Water Pollution Prevention Plan (S.W.P.P.P.). The Contractor shall install additional erosion control devices when field conditions warrant or as directed by the City of Lewisville or the Engineer.
46. The permitted operator shall submit copies of the Notice of Intent (N.O.I.) and the Notice of Termination (N.O.T.) to the City of Lewisville Engineering Division as part of the submittal to the Texas Commission on Environmental Quality (TCEQ).
47. The use of fly ash is not allowed in the concrete mix design.

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City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 General Notes 1 of 2

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sheet 3

General Notes for Paving:

- All dimensions are to back of curb unless otherwise noted.
- All street excavations shall be unclassified in accordance with NCTCOG item 203.4. All excavation shall be to the lines and grades shown on the plans. The street excavation shall be made to the subgrade of the roadway.
- The subgrade shall be scarified to a depth of 8", stabilized, and recompact to 95% standard proctor density.
 - Typical pavement thickness and strengths shall be as follows unless shown differently on the construction plans.
 - 8" 3,500 psi comp. with 5.5 sack min. content
 - 8" 3,750 psi comp. with 6 sack min. content for any hand pours
 - 8" 4,200 psi (3 day) comp. with 8 sack min. for any high early strength for replacement of existing driveways
- Reinforced concrete pavement
 - All curbs shall be placed integral with pavement.
 - Curbs shall meet the same strength as specified for the concrete pavement.
 - Detail and arrangement of joints, all types, shall be as shown on sheet PDT-02 of the standard construction details.
 - Bar laps shall be 30 diameters. (12" minimum)
 - Pavement shall be reinforced with no. 4 bars on 18" ctrs. both ways and tied at every splice.
- A subbase preparation test shall be performed at 100 foot intervals. The material and the cement stabilized subgrade shall be thoroughly mixed by approved road mixers or other approved equipment. The soil is to be free from all clods or lumps and brought to the proper moisture content and left to cure for four (4) days. During the curing period, the material shall be kept at optimum moisture content. The depth of cement stabilized subgrade shall be a minimum of 6 inches. Refer to item 275, Texas Department of Transportation Standard Specifications for construction and maintenance of highways, streets, and bridges, 2014 Edition. The compaction (density) shall be 95% proctor minimum controlling for optimum moisture content.
- All expansion joints shall be doweled. The dowel shall be 3/4 inch in diameter and 24 inches long with an expansion joint on one end. The dowel shall be greased on the expansion joint end only. The expansion joint shall have a 3/4 inch redwood tear off strip. All redwood will have pre-drilled or drilled holes for the dowels to go through.
- All driveways shall be constructed to right-of-way unless noted otherwise in construction plans and/or cross sections. All driveways shall match existing elevations at end of reconstruction. All driveway materials beyond right-of-way limits shall match existing materials. All construction joints shall be dowled. The dowel shall be 5/8 inch in diameter and 24 inches long, the dowels shall be at 12" on center, drilled at 1.0' and coated with epoxy resin.
- All pavement, driveways, parking areas, sidewalks and other material required to be removed shall be considered subsidiary to the right-of-way preparation bid item.
- The Contractor shall maintain access for all property owners, residents, businesses, and city facilities during construction.
- At the discretion of the City of Lewisville, there shall be a slump test of concrete delivered. Concrete cylinders shall be drawn at intervals to be determined by the City of Lewisville inspectors. There shall be breaks at 7 days and 28 days (3 day break for high early strength concrete).
- All construction joints to be in accordance per the detail on sheet 44.

General Notes for Sidewalks:

- Sidewalk and barrier free ramps construction shall comply with ADA and TAS regulations.
- Any excavation, fill, backfilling or grading required in the construction of the sidewalk or retaining walls shall be considered subsidiary to the cost of construction of the sidewalk.

General Notes for Traffic Control:

- Contractor shall submit a detailed traffic control plan conforming to the latest edition of the Texas Manual on Uniform Traffic Control Devices. The plan shall be prepared by a Licensed Professional Engineer in the State of Texas. The plan shall be submitted to the Engineer for approval at least 1 week prior to construction. The plan must include all necessary signs and traffic control devices required per the MUTCD to implement this construction phasing plan.
- The phasing plan shown in these plans are for bidding purposes only. An alternate plan may be submitted to the city for approval.
- The bid item for traffic control shall include all barricades, signs, concrete traffic barriers, and pavement markings and shall include all materials, tools, labor, and incidentals necessary to complete this work.
- Payment for traffic control will be pro-rated on a monthly basis for the duration of the project.

General Notes for Storm Drains:

- All storm drainage pipe and fittings shall be ASTM C-76, Class III reinforced concrete pipe or HP Storm Dual Wall Polypropylene unless otherwise noted on the plans.
- Included in the unit price bid for reinforced concrete pipe shall be trench excavation, embedment, backfill, fittings, WYEs, tees, plugs, field connections, pipe collars, and pavement repair.
- Pipe collars shall be installed at all pipe size and grade changes.
- During drainage systems construction, all inlets, pipes, and culverts shall be protected from silt and soil deposits by use of silt fences at the upstream end until construction is complete. Inlet protection must be of a type that permits storm discharge to flow over the inlet protection and into the inlet to prevent the possibility of clogging.
- Prior to final acceptance contractor shall remove all silt, dirt, debris, etc., from inlets, storm drains, culverts, and manholes.
- All storm drains bends and WYE connections shall be made with precast sections, unless the Engineer approves field connections. Any bend with a cap larger than 1" shall include concrete collar. All pipe size changes shall be made with enlargers/reducers, unless the Engineer approves field connections.
- Pipe must be kept clean of broken concrete, dirt, or any other debris resulting from construction operations.
- Positive drainage must be maintained during construction.

General Notes for Erosion & Sedimentation Control:

- It shall be the responsibility of the contractor to comply with the TCEQ's TPDES regulations concerning erosion and sediment control.
- All erosion control measures shall be in place and inspected by City or its representative prior to any construction activities. They shall remain in place and functional until after the proposed improvements are in place.
- The contractor is responsible for keeping streets and sidewalks adjacent to the project free of mud and debris from construction at all times.
- Sediment control devices shall be installed as indicated on the plans prior to any embankment or excavation work being done. When the project is complete and the entire project site is completely stabilized, the sediment control devices and accumulated sediment shall be removed and disposed of in an approved manner. The Contractor has the ultimate responsibility for the effective control of erosion and sedimentation.
- The Contractor shall seed or sod a disturbed area as soon as practicable, but no later than 14 days after said disturbed area is complete.
- The site shall be reviewed weekly and after any storm (1/4 inch or greater). Adjustments/repairs to the erosion control devices shall be made as needed.

LEGEND

EXISTING	PROPOSED
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△	△
SS MANHOLE	●
E-SS SANITARY SEWER LINE	PROP. 8" SS
E-SS SS SERVICE W/ CO	---
24" SD	PROP. 18" SD
///	ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	GRAVEL DRIVEWAY
	CONCRETE SIDEWALK
E-W	WATER LINE
OHE	OVERHEAD ELECTRIC
GAS	GAS LINE
⊕	FIRE HYDRANT
⊖	GUY WIRE
⊙	IRON ROD FOUND
⊙	BENCHMARK
□	PULL BOX
⊙	POWER POLE
⊙	SIGN
⊙	WATER SERVICE/METER
⊙	WATER VALVE
⊙	TREE
X	FENCE
TEL	TELECOM
---	UNDERGROUND ELECTRIC

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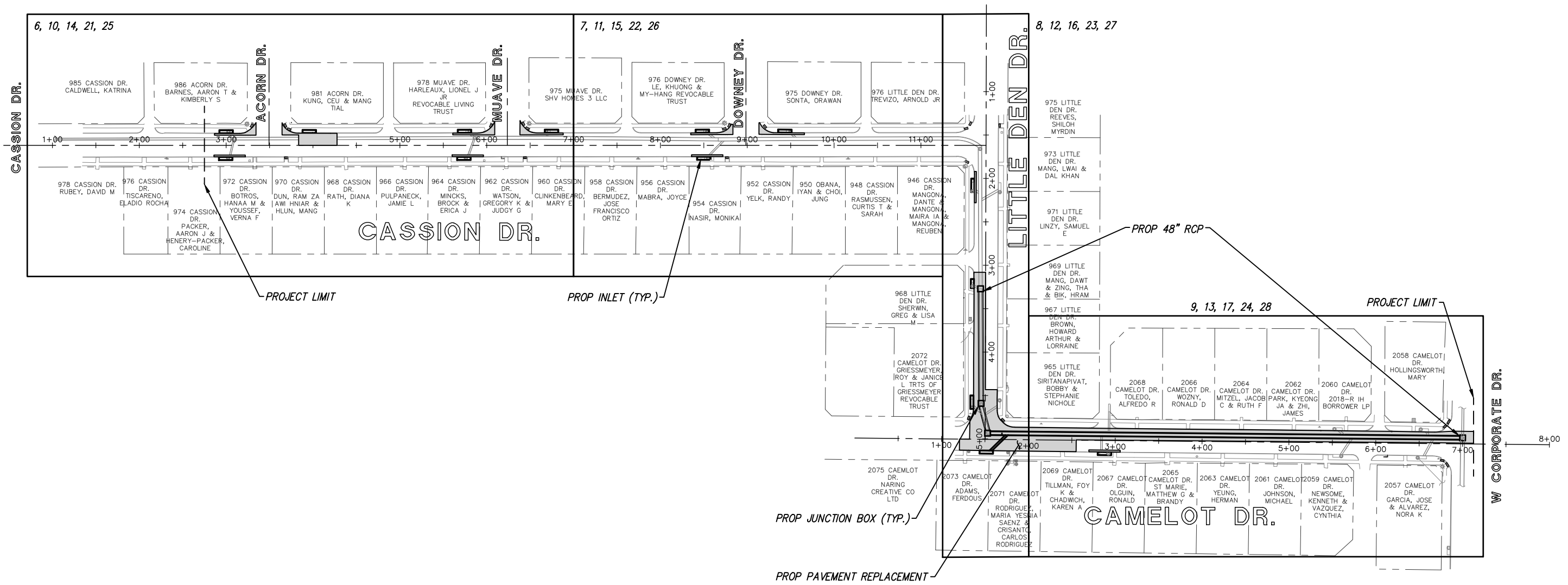
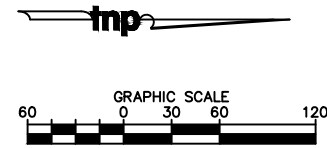


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City of Lewisville, Texas
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 General Notes 2 of 2

tnp project LEW24361
sheet 4



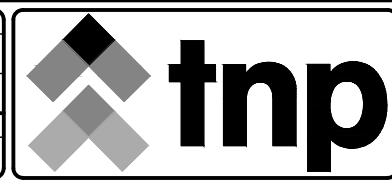
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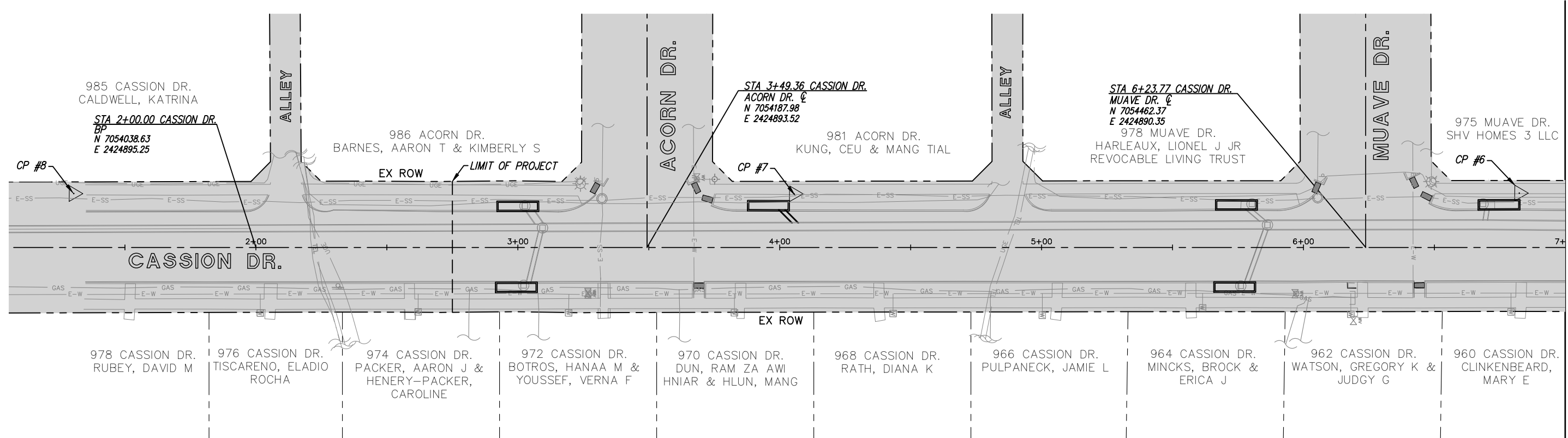
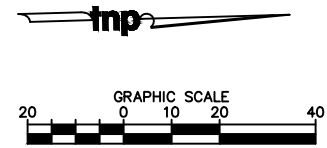


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City of Lewisville, Texas
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 Valley Vista Overall Plan

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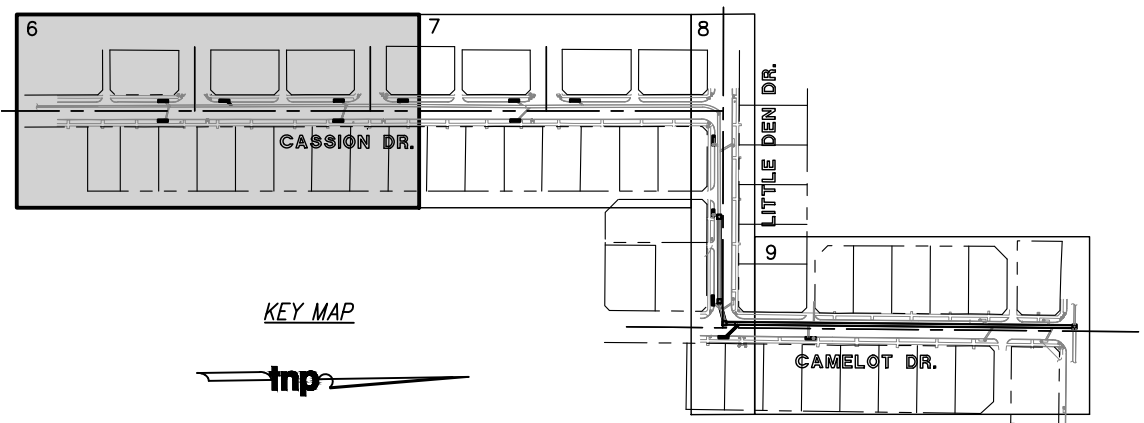
NOTES

1. Existing right-of-way and property lines are an approximation based off of plats from the Denton County Appraisal District.

LEGEND

- EXISTING ROW

COORDINATE CONTROL TABLE				
Point #	Northing	Easting	Elevation	Description
1	7055534.57	2425201.45	521.02	CP XST
2	7055285.34	2425235.56	526.76	CP XST
3	7055036.56	2425193.60	529.97	CP XST
4	7055034.38	2424924.34	540.02	CP XST
5	7054779.55	2424909.53	543.17	CP XST
6	7054520.76	2424868.92	544.25	CP XST
7	7054243.87	2424872.39	545.58	CP XST
8	7053968.84	2424875.48	547.66	CP XST



Drawing: T:\Projects\LEW\ASST\Eng-CAD\Construction\plm\ROW and Control Plan.dwg at Oct 16, 2025-8:17am by oha
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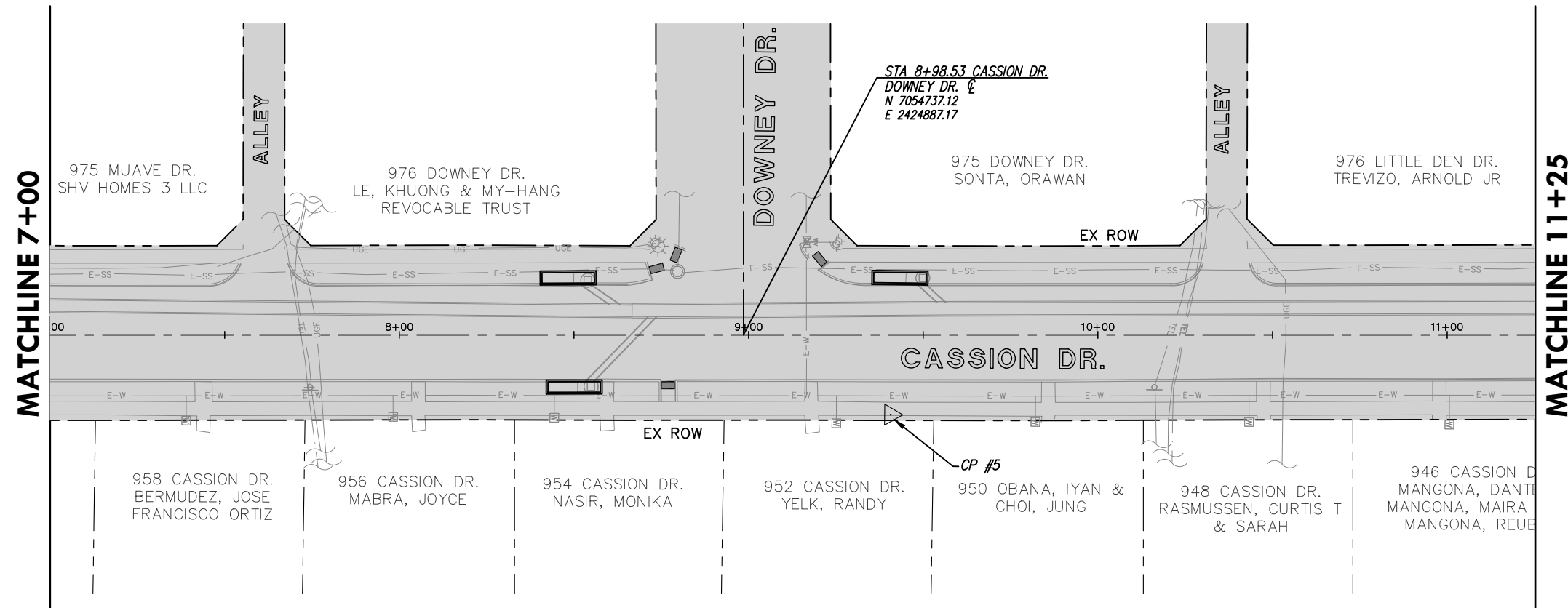
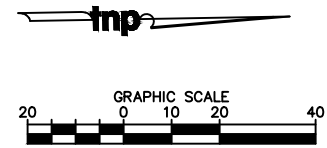


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City of Lewisville, Texas
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 ROW and Control Plan - Cassion
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NOTES

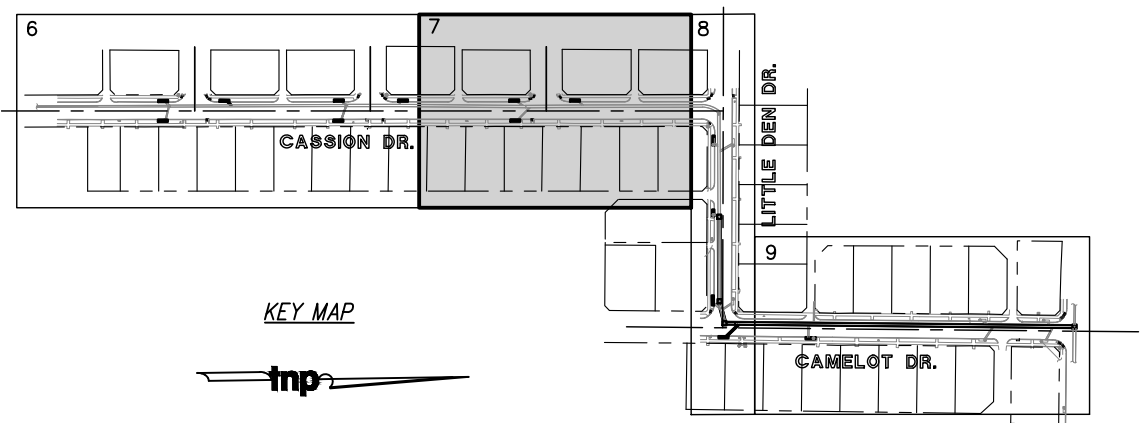
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7	7054243.87	2424872.39	545.58	CP XST
8	7053968.84	2424875.48	547.66	CP XST



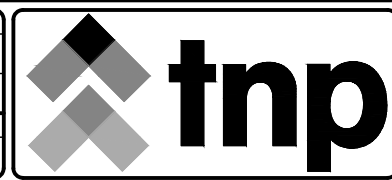
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 Layout: Cassion Dr. 7+00 to Little Den - 12-22-24-TEL-LEWing - 12-23-24-TEL-LEWing

no.	revision	by	date

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 Denton, Texas 76210
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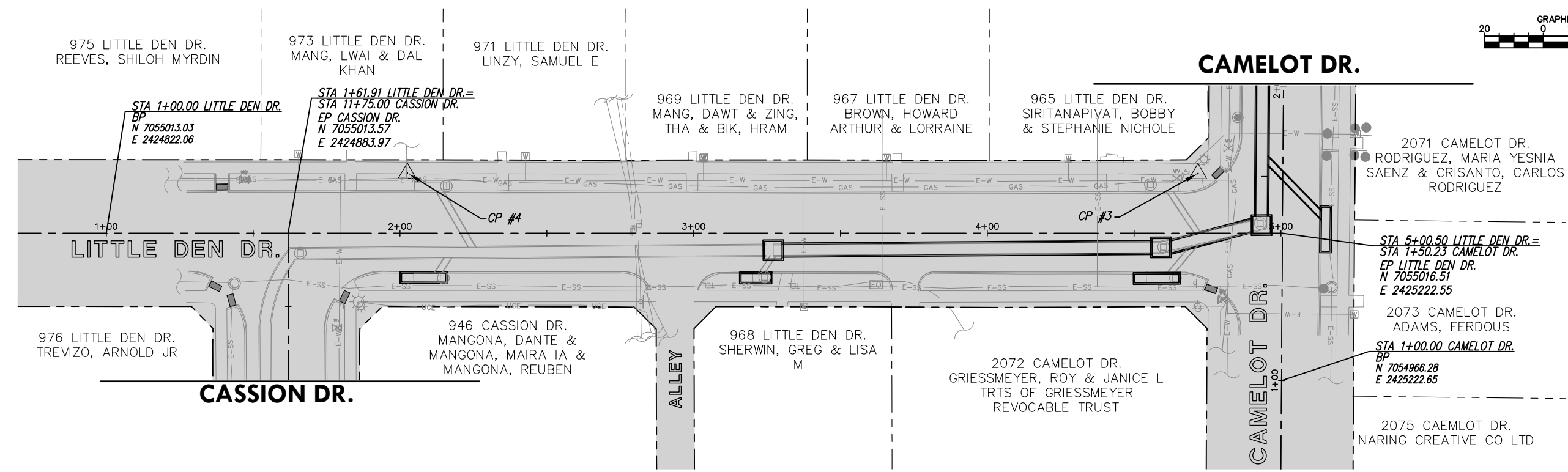
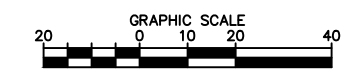


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City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 ROW and Control Plan - Sta
 7+00 to Little Den Dr.

tnp project
 LEW24361
 sheet
7



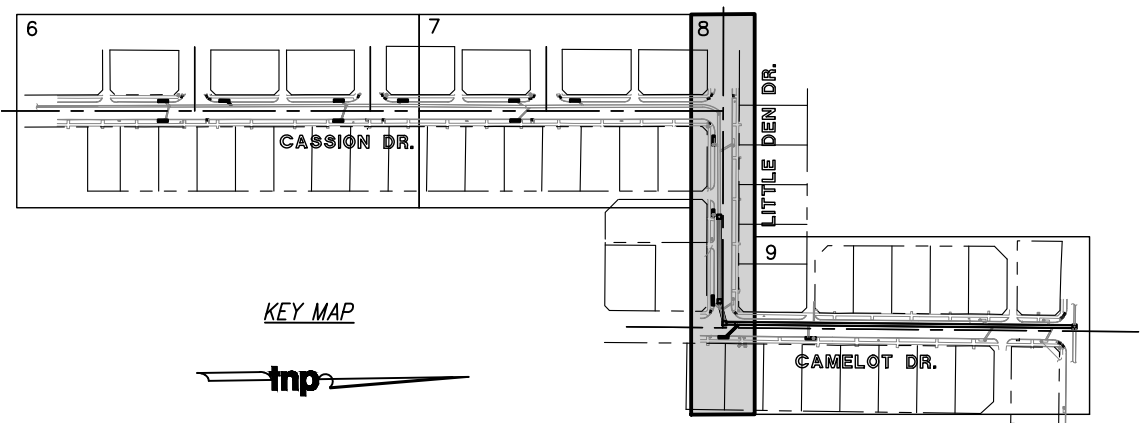
NOTES

1. Existing right-of-way and property lines are an approximation based off of plats from the Denton County Appraisal District.

LEGEND

- EXISTING ROW

COORDINATE CONTROL TABLE				
Point #	Northing	Easting	Elevation	Description
1	7055534.57	2425201.45	521.02	CP XST
2	7055285.34	2425235.56	526.76	CP XST
3	7055036.56	2425193.60	529.97	CP XST
4	7055034.38	2424924.34	540.02	CP XST
5	7054779.55	2424909.53	543.17	CP XST
6	7054520.76	2424868.92	544.25	CP XST
7	7054243.87	2424872.39	545.58	CP XST
8	7053968.84	2424875.48	547.66	CP XST



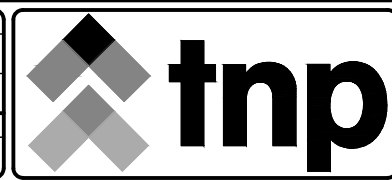
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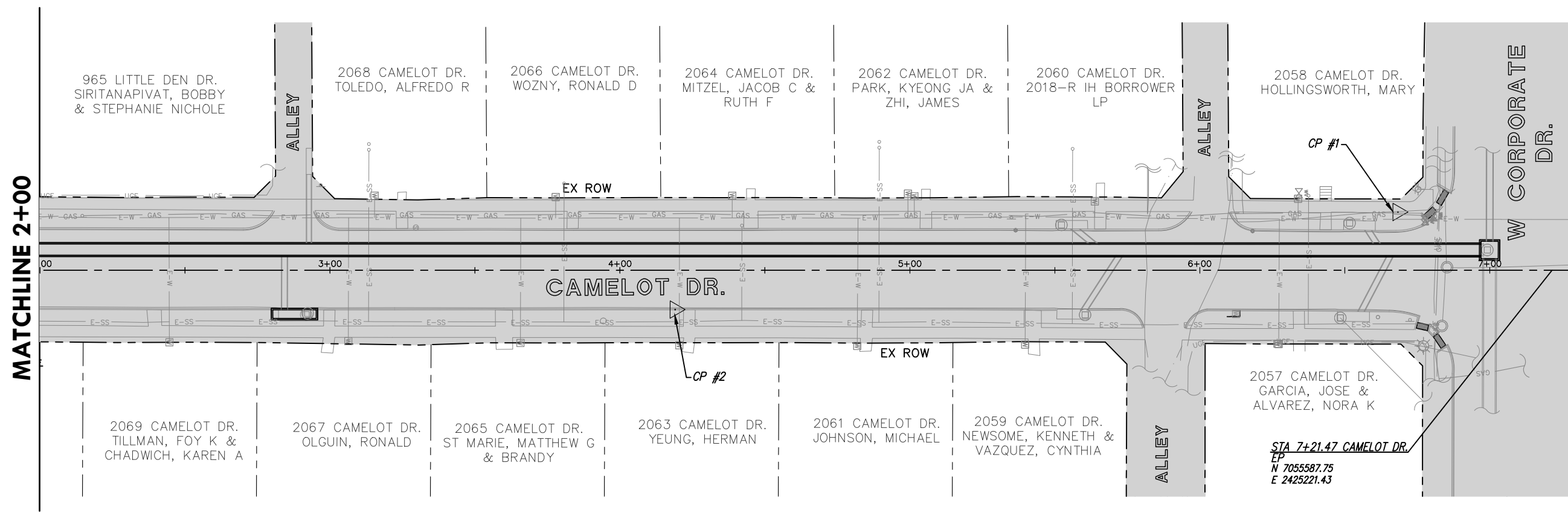
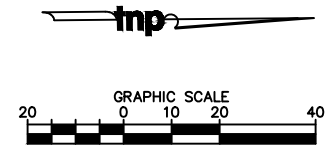


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 Oct 2025



City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 ROW and Control Plan - Little Den Dr.

tnp project
 LEW24361
 sheet
8



MATCHLINE 2+00

2057 CAMELOT DR.
GARCIA, JOSE &
ALVAREZ, NORA K

STA 7+21.47 CAMELOT DR.
EP
N 7055587.75
E 2425221.43

NOTES

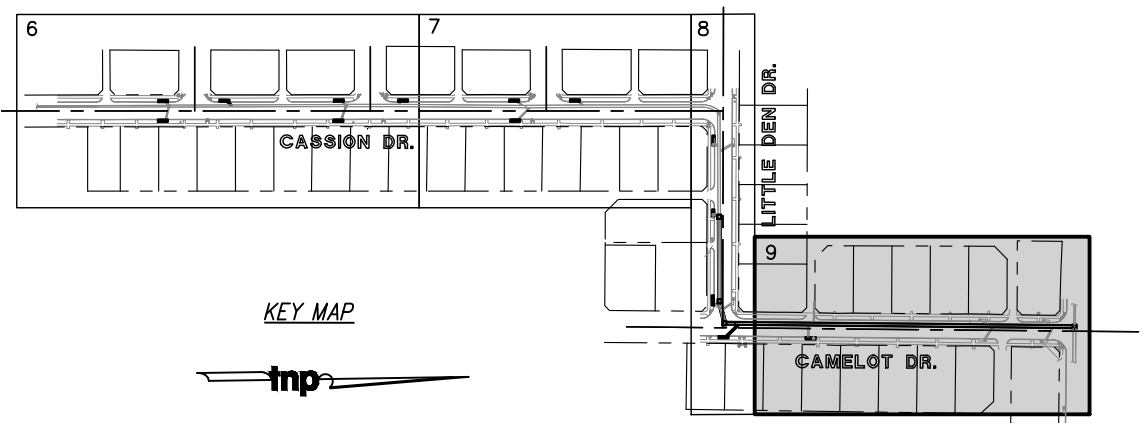
1. Existing right-of-way and property lines are an approximation based off of plats from the Denton County Appraisal District.

LEGEND

- EXISTING ROW

COORDINATE CONTROL TABLE

Point #	Northing	Easting	Elevation	Description
1	7055534.57	2425201.45	521.02	CP XST
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3	7055036.56	2425193.60	529.97	CP XST
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7	7054243.87	2424872.39	545.58	CP XST
8	7053968.84	2424875.48	547.66	CP XST



KEY MAP



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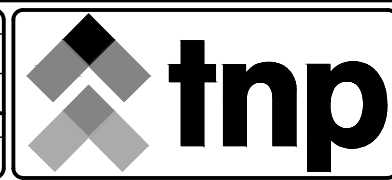
no.	revision	by	date

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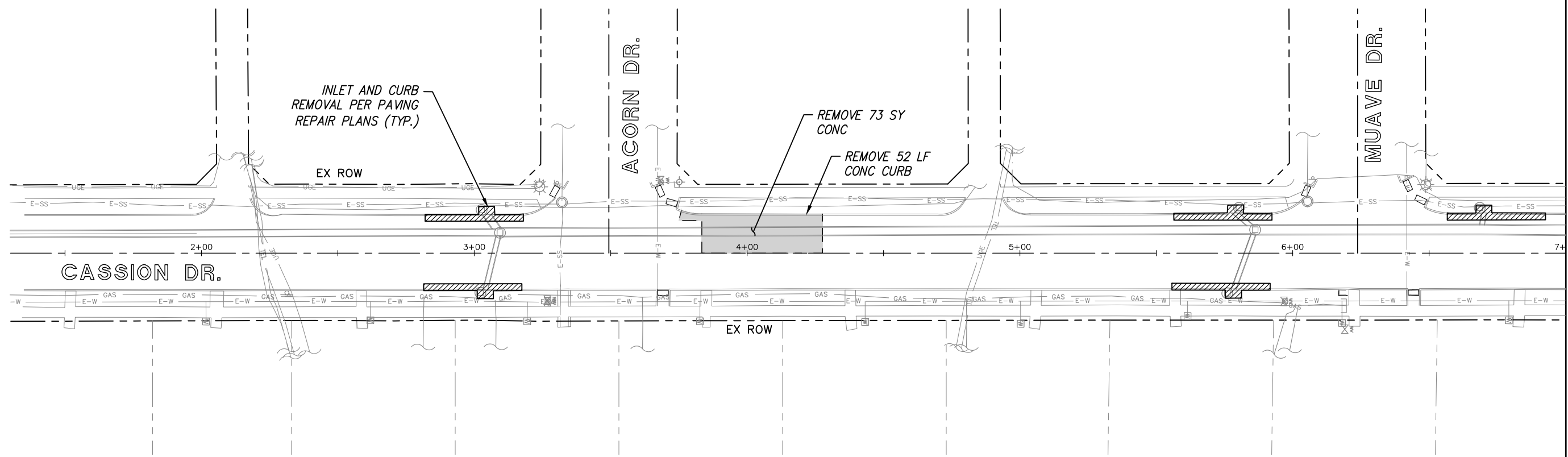
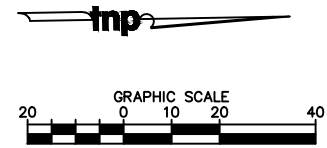
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Oct 2025



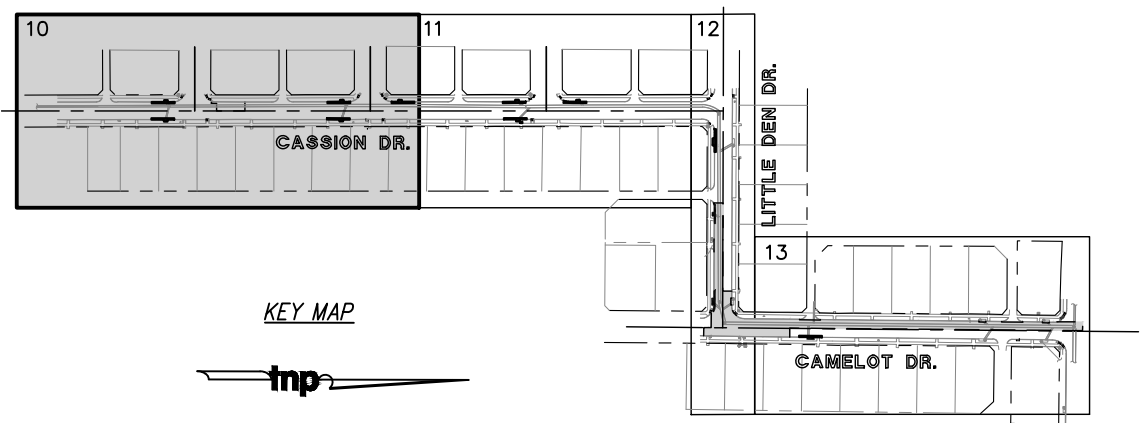
City of Lewisville, Texas
Drainage Improvements for
Valley Vista and Poydras
ROW and Control Plan - Camelot Dr.
Sta 2+00 to End

tnp project
LEW24361
sheet
9



- NOTES**
- Existing panels are approximations. Sawcuts should be made at existing contraction joints or expansion joints.
 - Demolition must be phased to minimize disruption to neighborhood access.
 - Refer to paving plan for approximate removal and replacement dimensions.

- LEGEND**
- INLET, CURB, AND GUTTER TO BE REMOVED
 - CONCRETE TO BE REMOVED
 - SAW-CUT LINE
 - DEMO STORM DRAIN



KEY MAP
tnp

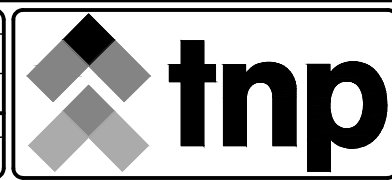
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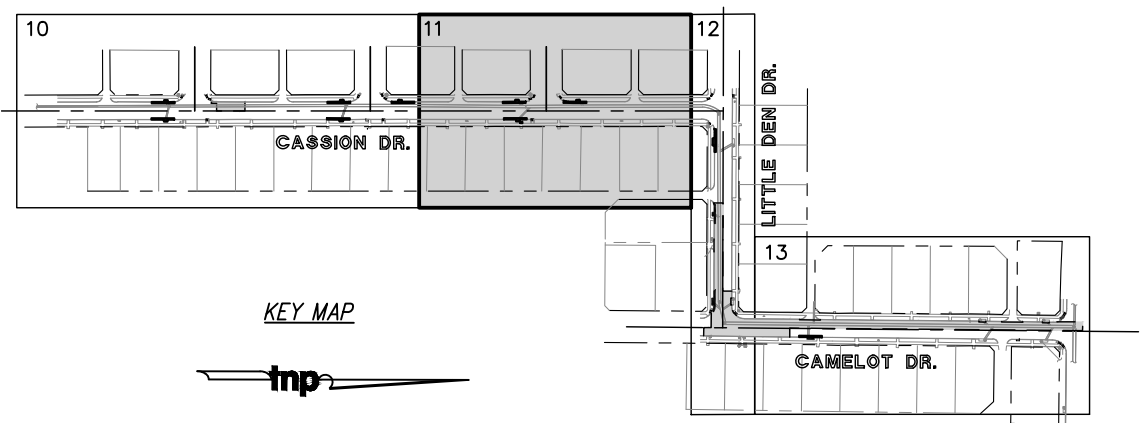
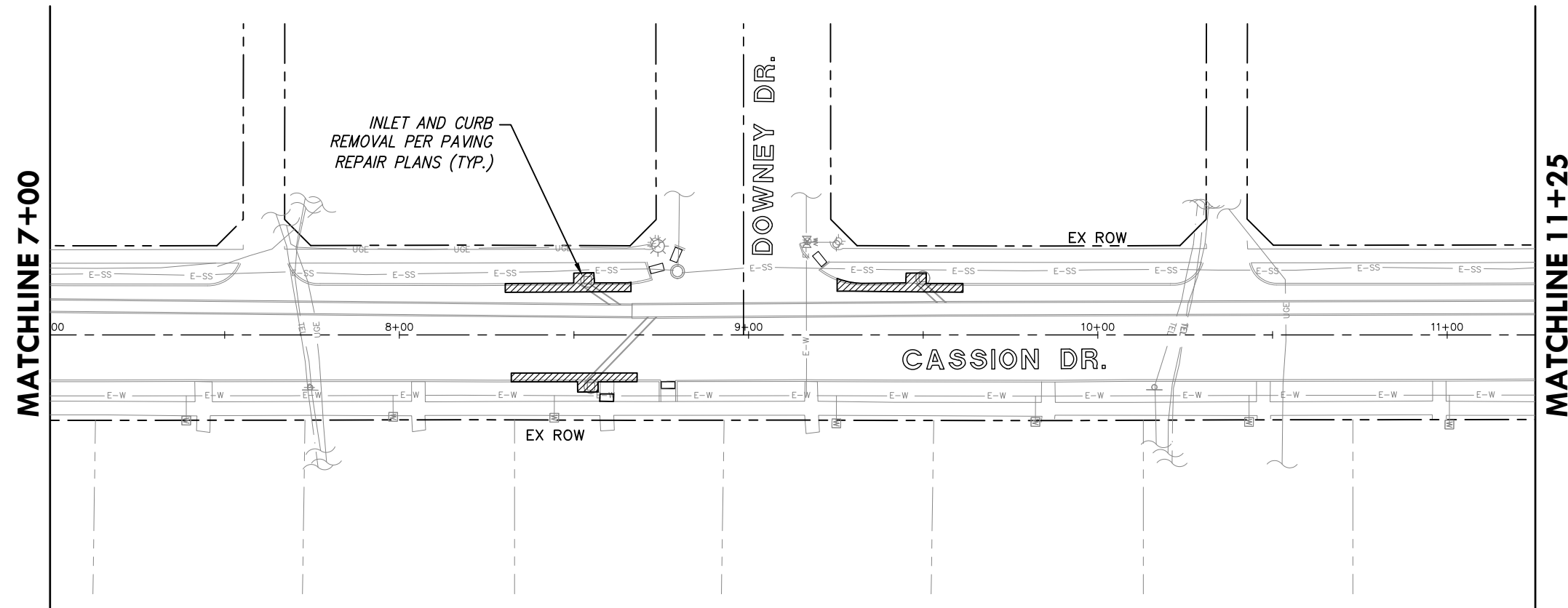
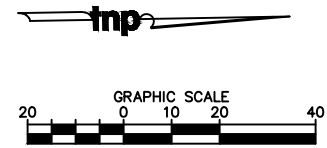


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 Oct 2025



City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Demolition Plan - Cassion Dr.
 Begin to Sta 7+00

tnp project
 LEW24361
 sheet
10



- NOTES**
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- LEGEND**
- INLET, CURB, AND GUTTER TO BE REMOVED
 - CONCRETE TO BE REMOVED
 - SAW-CUT LINE
 - DEMO STORM DRAIN

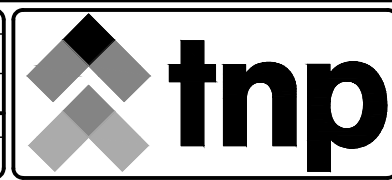
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no.	revision	by	date

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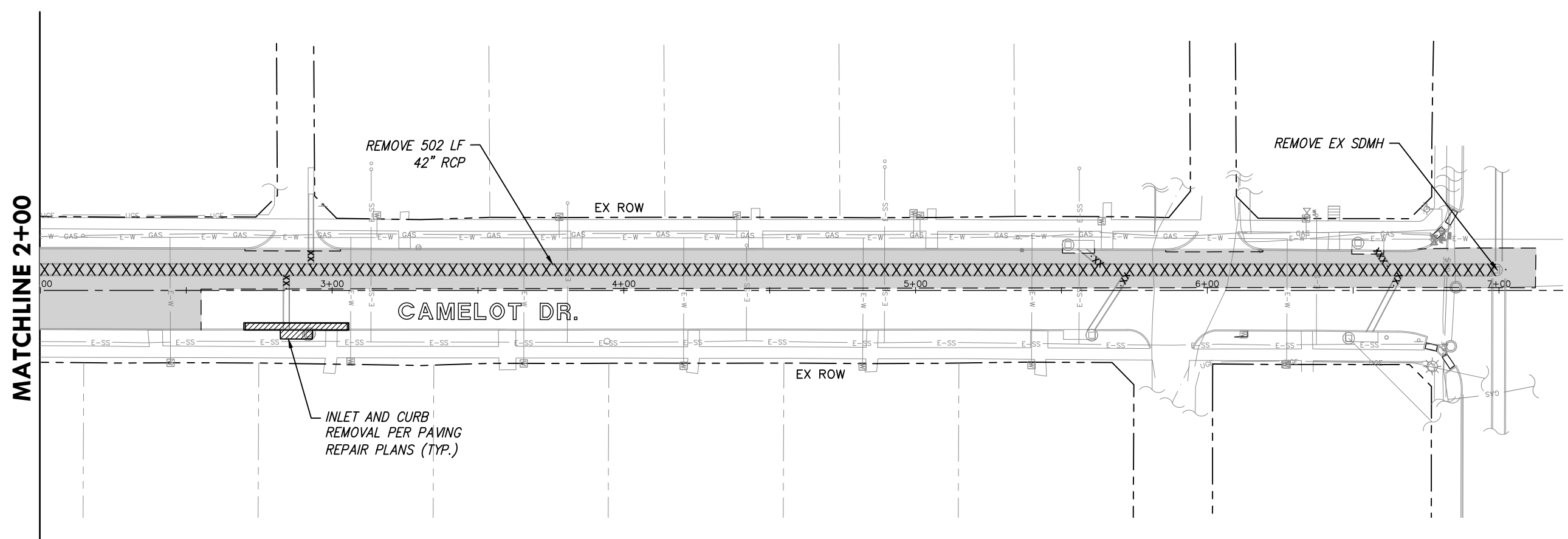
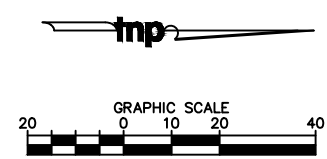


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City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Demolition Plan - Cassion Dr.
 Sta 7+00 to Little Den Dr.

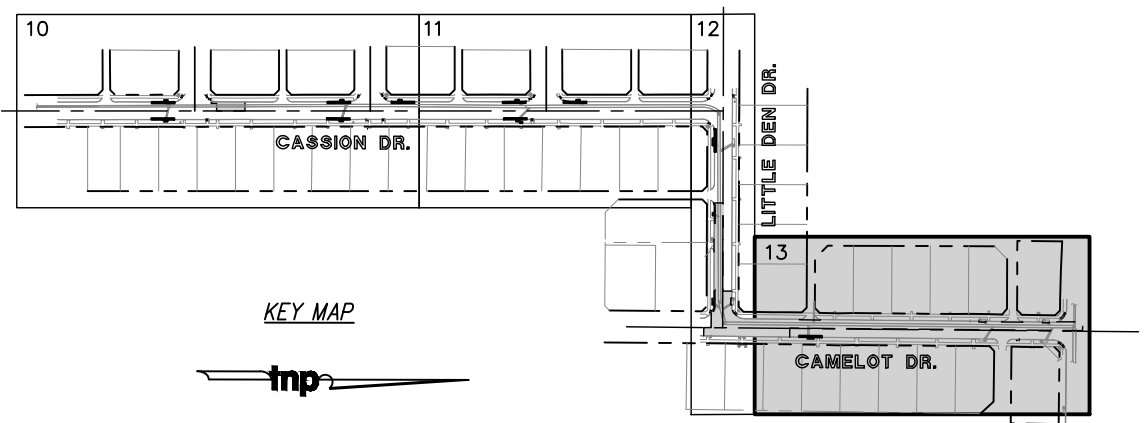
tnp project
 LEW24361
 sheet
11



MATCHLINE 2+00

- NOTES**
- Existing panels are approximations. Sawcuts should be made at existing contraction joints or expansion joints.
 - Demolition must be phased to minimize disruption to neighborhood access.
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- LEGEND**
- INLET, CURB, AND GUTTER TO BE REMOVED
 - CONCRETE TO BE REMOVED
 - SAW-CUT LINE
 - DEMO STORM DRAIN



KEY MAP



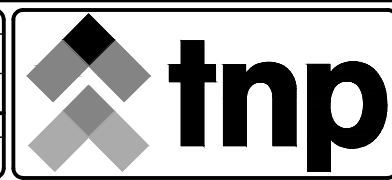
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Layout: Camlot Dr. - 13.dwg, 10/16/2025, 10:25:41 AM by oha

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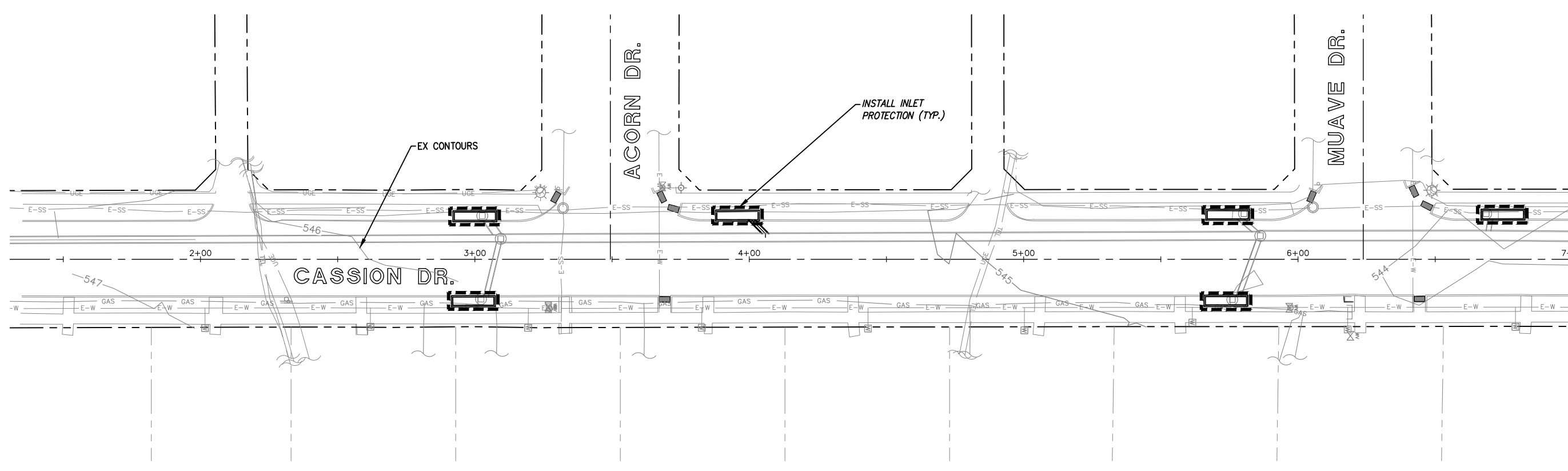
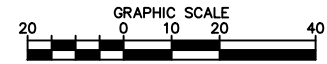


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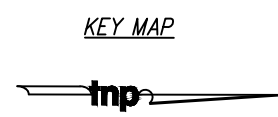
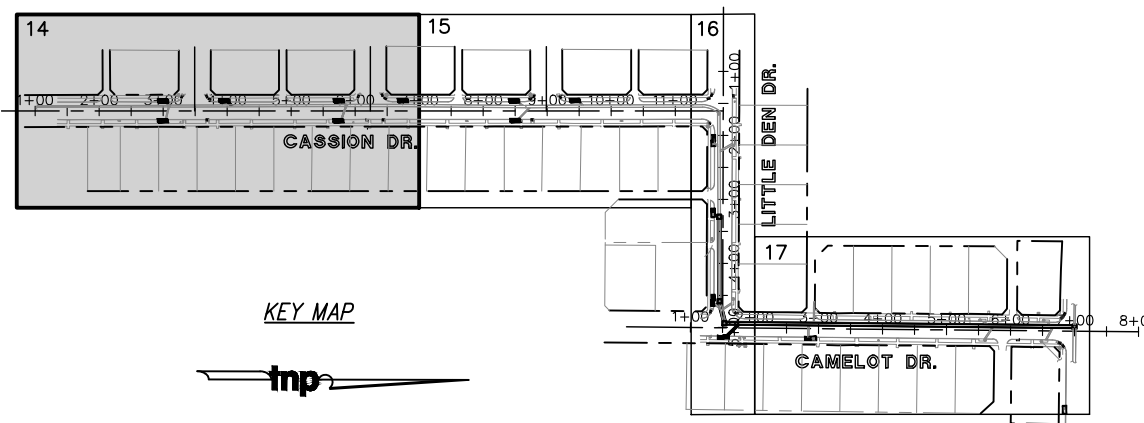


City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Demolition Plan - Camelot Dr.

tnp project
 LEW24361
 sheet
13



MATCHLINE 7+00



LEGEND

	- ROCK CHECK DAM
	- SILT FENCE
	- INLET PROTECTION

Drainage: T:\Projects\LEW24361\Plan\CD\Construction\plans\Erosion Control\Plan.dwg of Oct. 16, 2025 - at 10am by dhw
Layout: Cassion Begin to 7+00
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no.	revision	by	date

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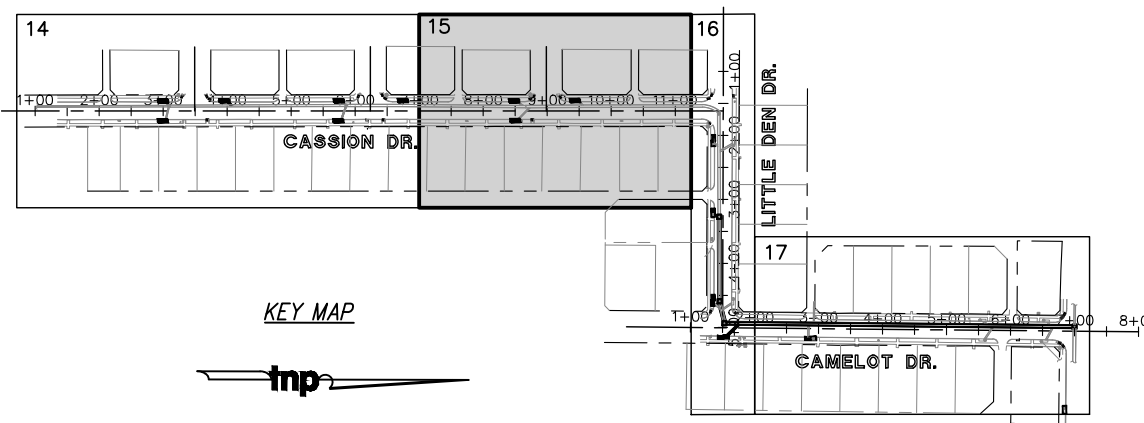
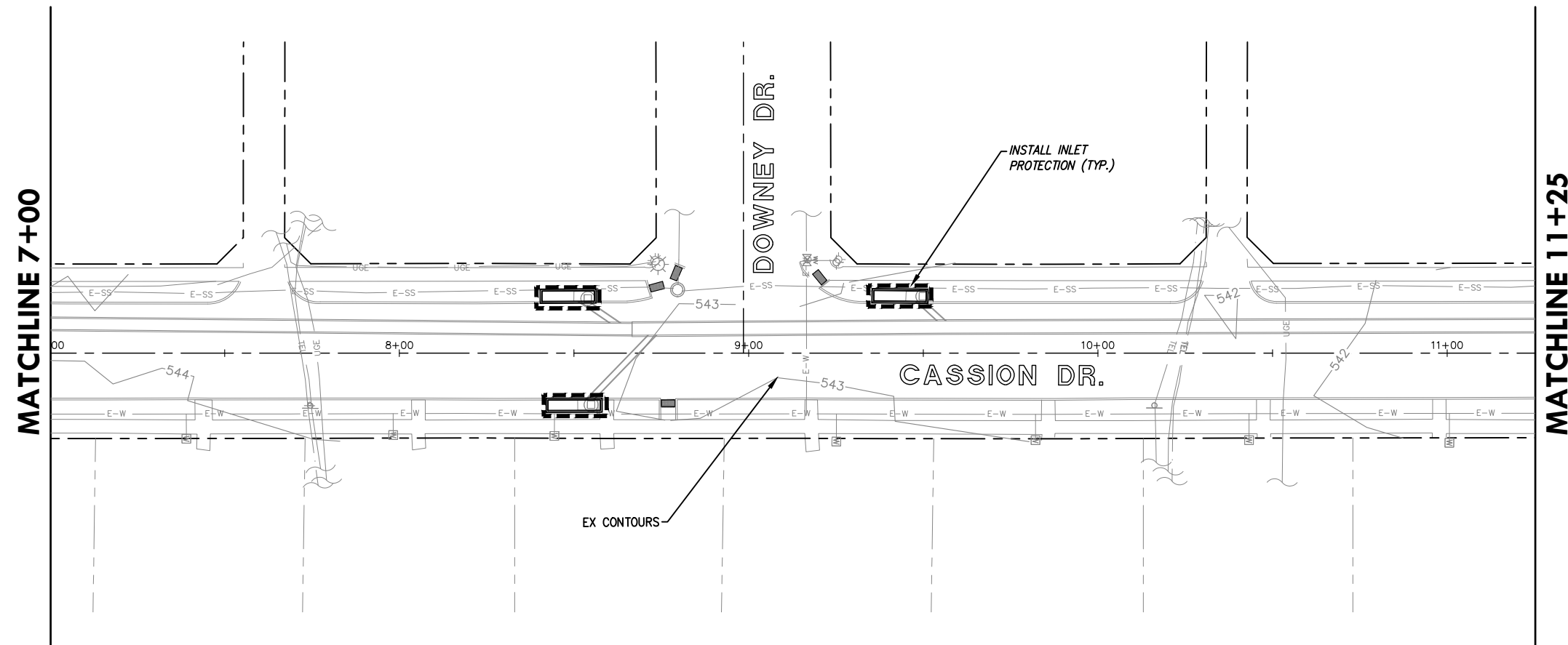
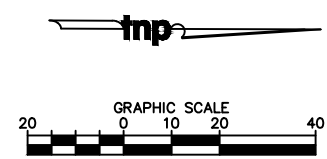
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Oct 2025



City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Erosion Control Plan -
 Cassion Begin to Sta 7+00

tnp project
LEW24361
sheet
14



LEGEND

	- ROCK CHECK DAM
	- SILT FENCE
	- INLET PROTECTION

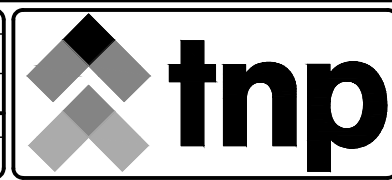
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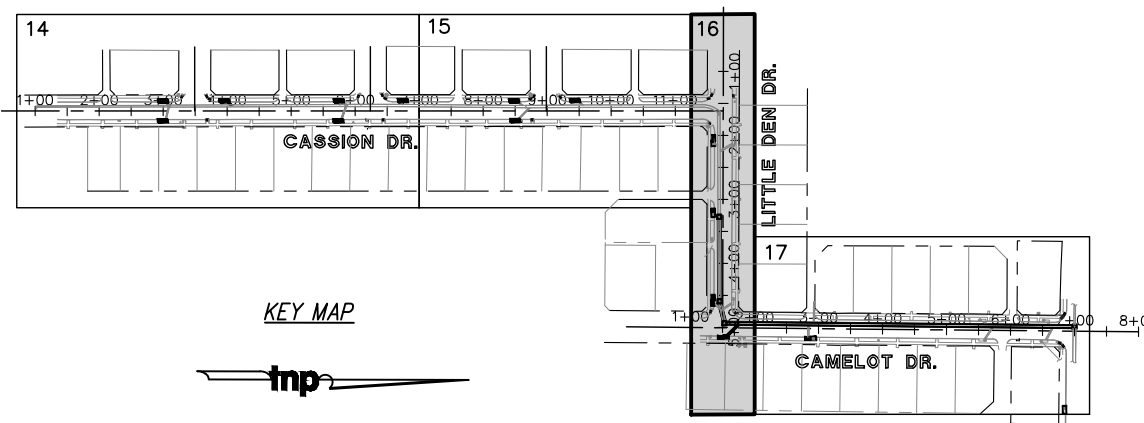
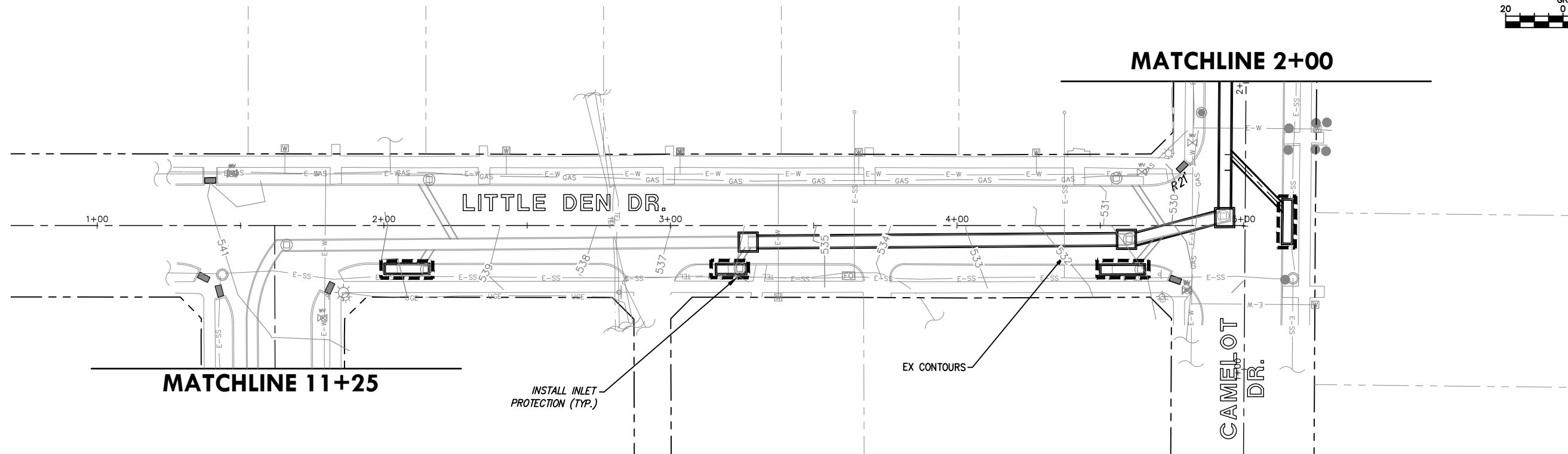
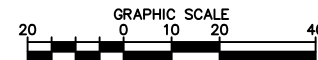


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City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Erosion Control Plan - Sta
 7+00 to Little Den Dr.

tnp project
 LEW24361
 sheet
15



LEGEND

	- ROCK CHECK DAM
	- SILT FENCE
	- INLET PROTECTION

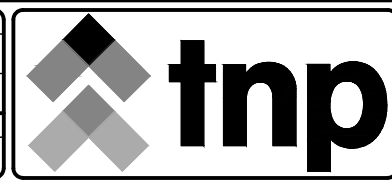
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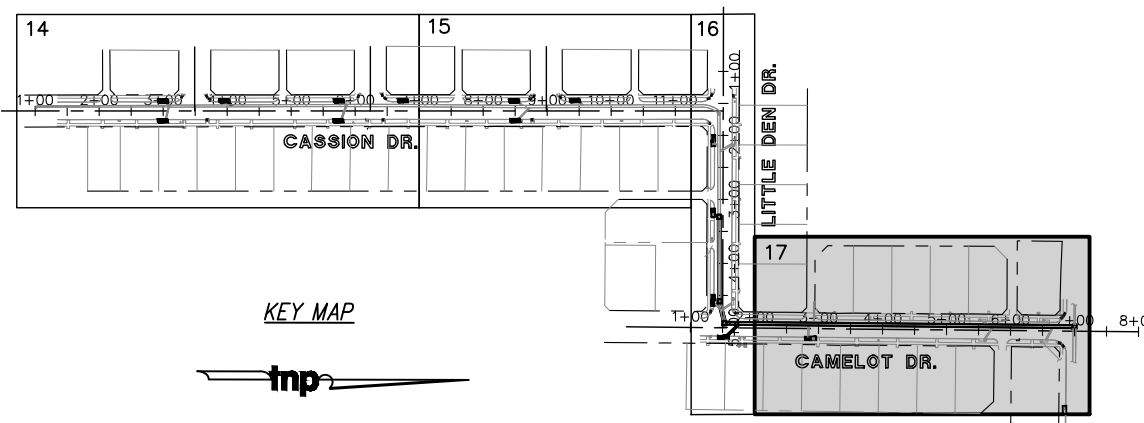
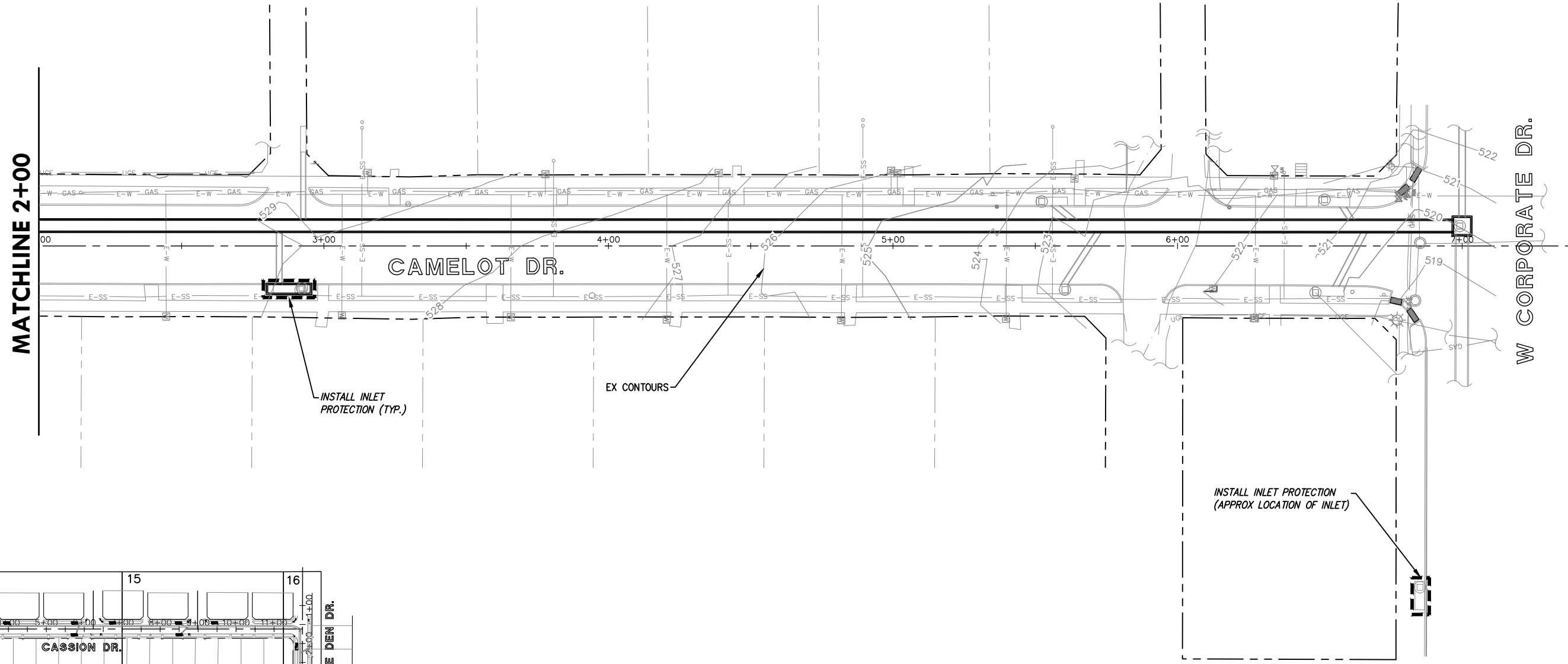
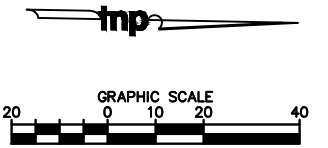


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 Oct 2025



City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Erosion Control Plan - Little Den Dr.

tnp project
 LEW24361
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16



INSTALL INLET PROTECTION
(APPROX LOCATION OF INLET)

LEGEND

	- ROCK CHECK DAM
	- SILT FENCE
	- INLET PROTECTION

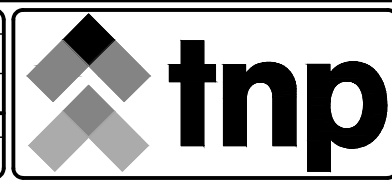
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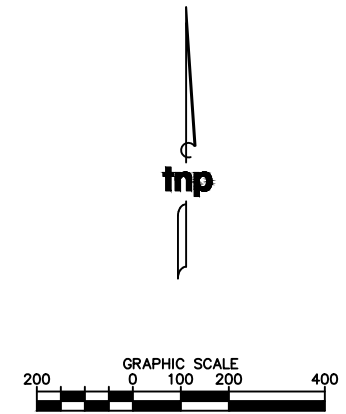
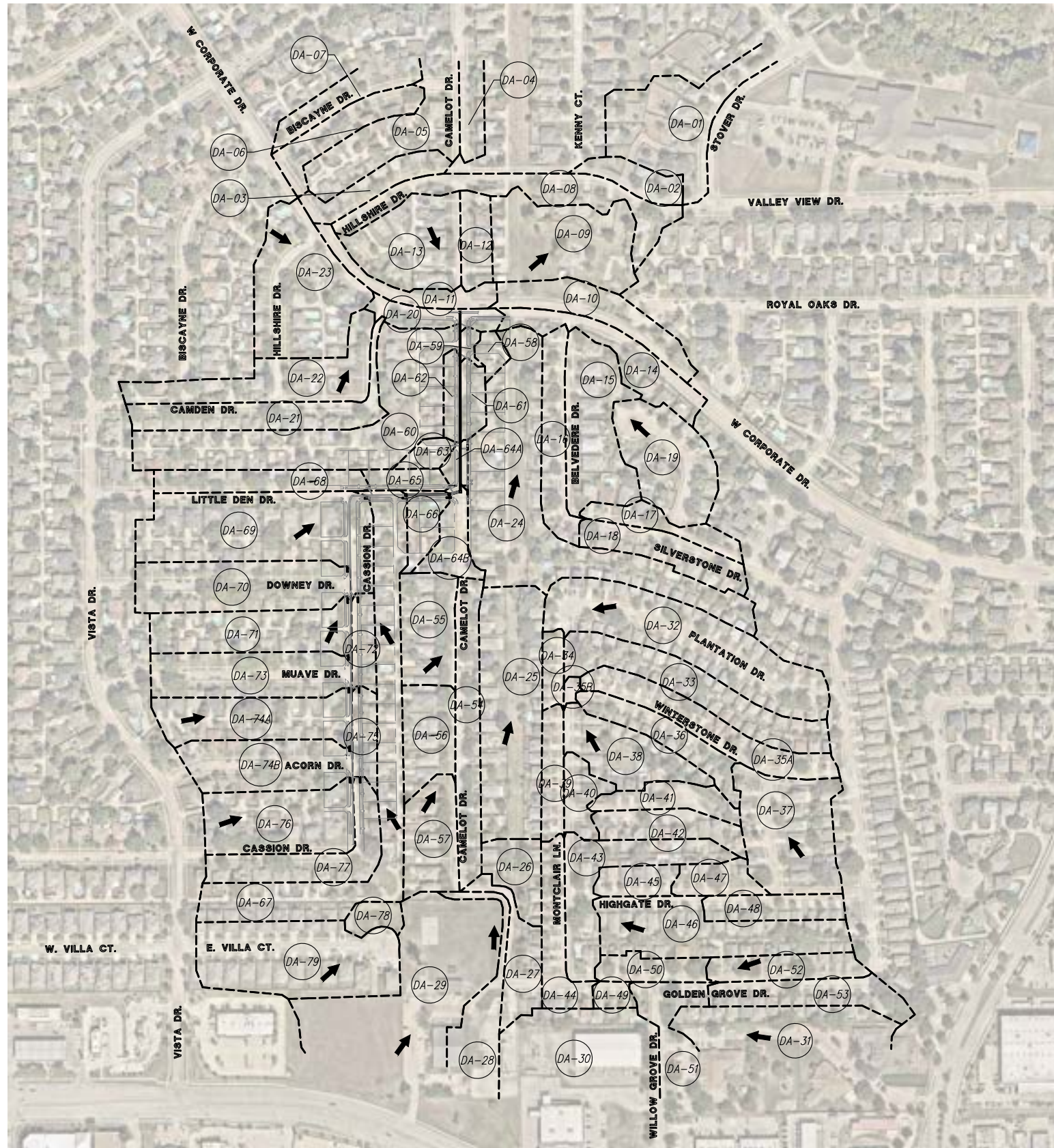


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 Oct 2025



City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Erosion Control Plan - Camelot Dr.

tnp project
 LEW24361
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17



LEGEND	
	DRAINAGE DIVIDE
	FLOW ARROW
	AREA NAME
	CONTOUR

Drawing: T:\Projects\LEW\ASB\Eng-CAD\Construction\plans\Map.dwg of Oct. 16, 2025 - 2:10pm by dho
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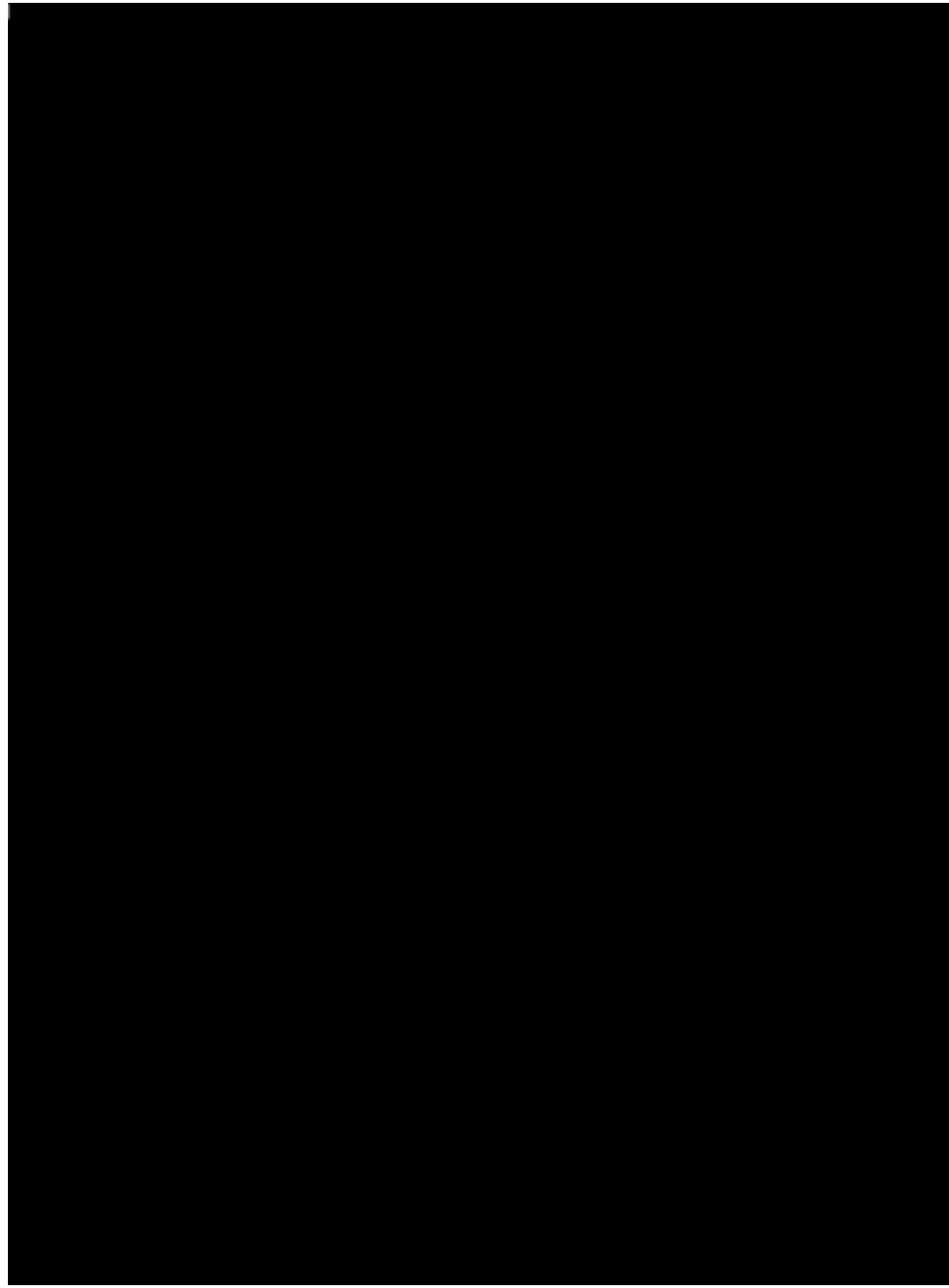
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City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Drainage Area Map

tnp project
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18

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Note:
The hydrology and hydraulic calculations for the Valley Vista drainage improvements are taken from the Final Report prepared by TNP Inc. in October, 2023. These calculations are included for references only. Refer to the approved final report for detailed drainage calculations

no.	revision	by	date

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date
Oct 2025



City of Lewisville, Texas
Drainage Improvements for
Valley Vista and Poydras
Drainage Calculations

tnp project
LEW24361
sheet
19

Camelot Storm Drain Reconstruction - Hydraulic Grade Line Calculation

PIPE NUMBER	UPSTREAM JUNCTION	DOWN-STREAM JUNCTION	DISTANCE BETWEEN DESIGN POINTS (FT)	TOTAL AREA (AC.)	COEFF OF RUNOFF "C"	TOTAL 'CA'	TIME OF CONCENTRATION		DESIGN FREQ. (YR.)	INTEN-SITY "I" (IN/HR)	FLOW 'Q' (CFS)	CONDUIT SIZE (IN.)	MANNINGS "N"	SLOPE OF FRICTION GRAD. (FT/FT)	HYDRAULIC GRADIENT ELEVATION		AVERAGE VELOCITY		HEAD LOSS AT CHANGE IN SECTION					
							INLET TIME (MIN.)	TOTAL TIME (MIN.)							UP STREAM	DOWN STREAM	V1 (IN) (FPS)	V2 (OUT) (FPS)	V1^2/2G (FT)	V2^2/2G (FT)	Kj	Headloss Meathod	Hj (FT)	
Main Line																								
A11	JB3	JB2	132.00	25.80	0.50	12.95	19.04	100	6.97	91.03	48	0.013	0.0353	532.39	528.28	9.57	7.24	1.42	0.82	0.35	Generic	0.32	0.32	
A10	JB2	WYE 65	13.80	26.30	0.50	13.21	19.14	100	6.96	92.67	48	0.013	0.0157	527.44	527.34	7.24	7.37	0.81	0.84	0.35	Generic	0.56	0.56	
A9	WYE 65	JB1	21.40	26.70	0.50	13.39	19.16	100	6.96	93.95	48	0.013	0.0121	527.00	526.90	7.37	7.48	0.84	0.87	0.35	Generic	0.57	0.57	
A8	JB1	WYE 64B	16.50	26.70	0.50	13.39	19.17	100	6.96	93.92	48	0.013	0.0038	526.53	526.43	7.48	7.47	0.87	0.87	0.35	Standard	0.30	0.30	
A7	WYE 64B	WYE 64A	114.80	27.30	0.50	13.72	19.19	100	6.96	96.18	48	0.013	0.0097	525.69	525.11	7.47	7.65	0.87	0.91	0.35	Generic	0.61	0.61	
A6	WYE 64A	WYE 63	8.40	27.50	0.50	13.82	19.32	100	6.94	96.64	48	0.013	0.0041	524.62	524.61	7.65	7.69	0.91	0.92	0.35	Generic	0.60	0.60	
A5	WYE 63	WYE 62	272.80	27.80	0.50	13.95	19.33	100	6.94	97.53	48	0.013	0.0111	523.61	521.10	7.69	7.76	0.92	0.94	0.35	Generic	0.61	0.61	
A4	WYE 62	WYE 61	7.90	28.10	0.50	14.10	19.63	100	6.90	98.08	48	0.013	0.0047	520.86	520.82	7.76	7.80	0.94	0.95	0.35	Generic	0.62	0.62	
A3	WYE 61	WYE 60	88.80	28.50	0.50	14.30	19.65	100	6.90	99.40	48	0.013	0.0048	520.46	520.04	7.80	7.91	0.95	0.97	0.35	Generic	0.64	0.64	
A2	WYE 60	WYE 59	4.40	32.40	0.50	16.27	19.84	100	6.87	112.71	48	0.013	0.0062	519.42	519.39	7.91	8.97	0.97	1.25	0.35	Generic	0.91	0.91	
A1	WYE 59	JB-Corporate	33	32.50	0.50	16.33	19.84	100	6.87	113.11	48	0.013	0.0062	518.94	518.74	8.97	9.00	1.25	1.26	0.35	Generic	0.82	0.82	
Inlet Laterals																								
LAT 74B	IL74B	WYE 74B	8.90	1.80	0.49	0.88	15.00	15.00	100	7.48	6.62	18	0.013	0.0040	543.81	543.78	3.74	3.74		0.220	1.25	Stand-Inlet	0.28	0.28
LAT 67	IL67	JB3	9.10	3.80	0.50	1.90	15.00	15.00	100	7.48	14.29	18	0.013	0.0433	533.72	533.40	8.37	8.09		1.020	1.25	Stand-Inlet	1.28	1.28
LAT 66	IL66	JB2	9.10	0.50	0.52	0.26	15.00	15.00	100	7.48	1.96	24	0.013	0.0001	528.28	528.28	0.63	0.62		0.010	1.25	Stand-Inlet	0.01	0.10
LAT 65	IL65	WYE 65	19.20	0.40	0.46	0.19	15.00	15.00	100	7.48	1.39	24	0.013	0.0000	527.34	527.34	0.50	0.44		0.000	1.25	Stand-Inlet	0.00	0.10
LAT 64B	IL64B	WYE 64B	28.10	0.70	0.47	0.33	15.00	15.00	100	7.48	2.46	24	0.013	0.0001	526.43	526.43	0.78	0.78		0.010	1.25	Stand-Inlet	0.01	0.10
LAT 64A	IL64A	WYE 64A	20.80	0.20	0.49	0.10	15.00	15.00	100	7.48	0.73	24	0.013	0.0000	525.11	525.11	0.24	0.23		0.000	1.25	Stand-Inlet	0.00	0.10
LAT 63	IL63	WYE 63	25.90	0.30	0.43	0.13	15.00	15.00	100	7.48	0.98	18	0.013	0.0001	524.61	524.61	0.70	0.55		0.000	1.25	Stand-Inlet	0.00	0.10
LAT 62	IL62	WYE 62	11.00	0.30	0.52	0.16	15.00	15.00	100	7.48	1.17	24	0.013	0.0218	521.21	521.10	2.89	0.37		0.000	1.25	Stand-Inlet	0.00	0.10
LAT 61	IL61	WYE 61	24.80	0.40	0.49	0.20	15.00	15.00	100	7.48	1.47	24	0.013	0.0000	520.82	520.82	0.47	0.47		0.000	1.25	Stand-Inlet	0.00	0.10
LAT 60	IL60	WYE 60	8.10	3.90	0.51	1.97	15.00	15.00	100	7.48	14.85	18	0.013	0.0200	520.20	520.04	8.41	8.41		1.100	1.25	Stand-Inlet	1.38	1.38
LAT 59	IL59	WYE 59	24	0.10	0.60	0.06	15.00	15.00	100	7.48	0.45	24	0.013	0.0000	519.39	519.39	0.14	0.14		0.00	1.25	Stand-Inlet	0.00	0.10

Note:
The hydrology and hydraulic calculations for the Valley Vista drainage improvements are taken from the Final Report prepared by TNP Inc. in October, 2023. These calculations are included for references only. Refer to the approved final report for detailed drainage calculations

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no.	revision	by	date

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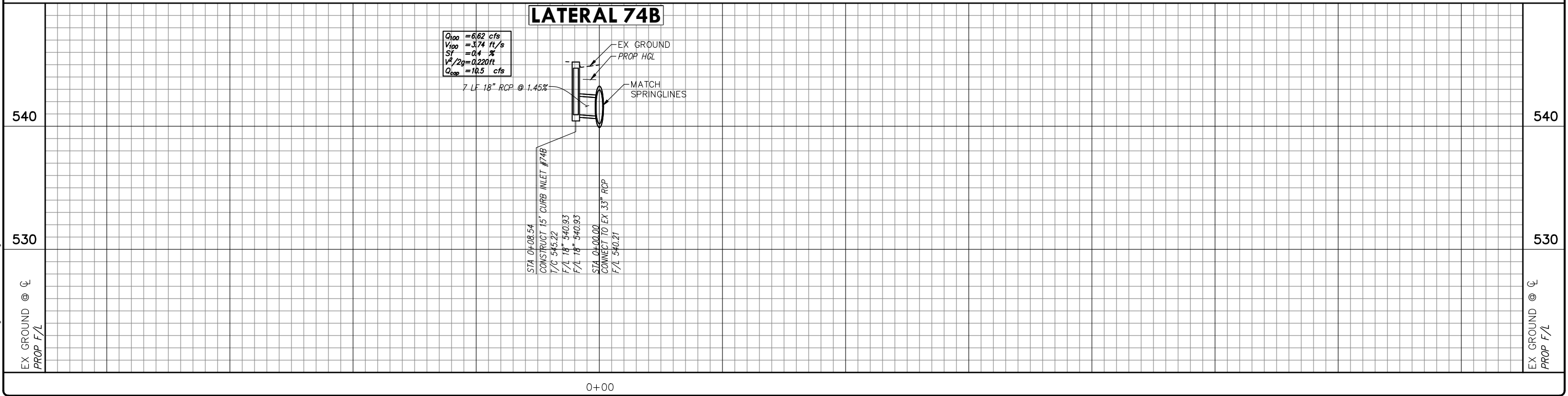
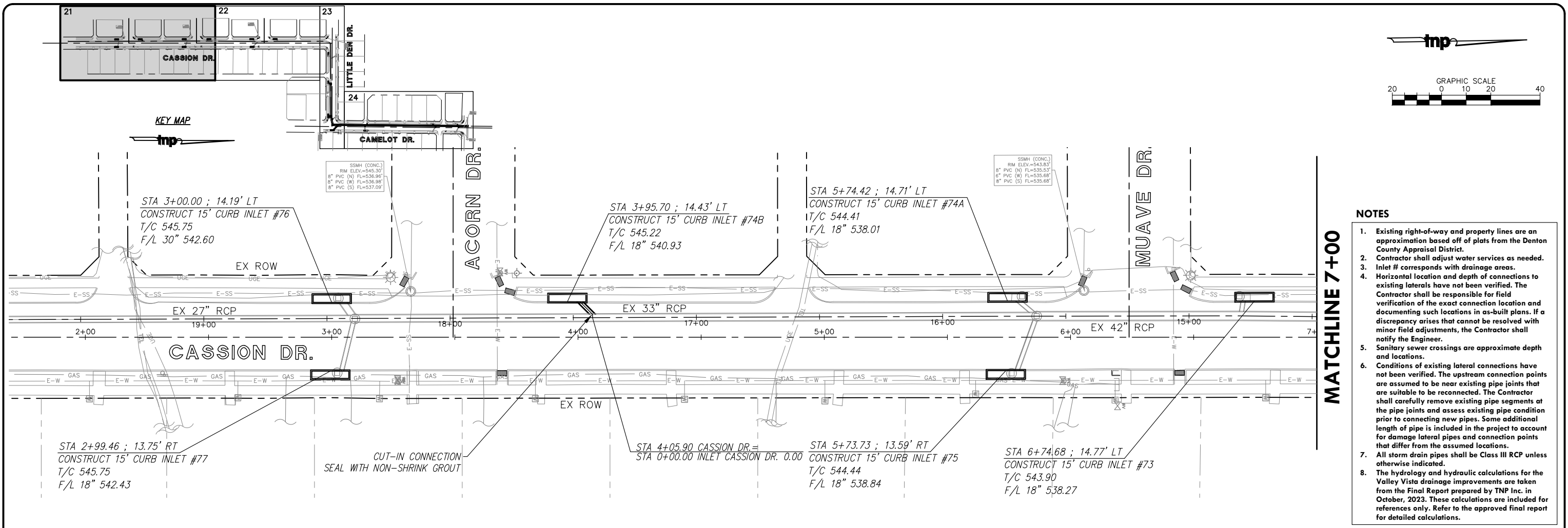
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Oct 2025



City of Lewisville, Texas
Drainage Improvements for
Valley Vista and Poydras
HGL Calculations

tnp project
LEW24361
sheet
20

Drawing: F:\Projects\LEWISVILLE\Storm Drain\Construction\Storm Drain\Layout - Cassion Dr. 15+00 to End.dwg
 Layout: Cassion Dr. 15+00 to End
 Date: 10/23/2024 10:52:10 AM
 User: JCD-5052



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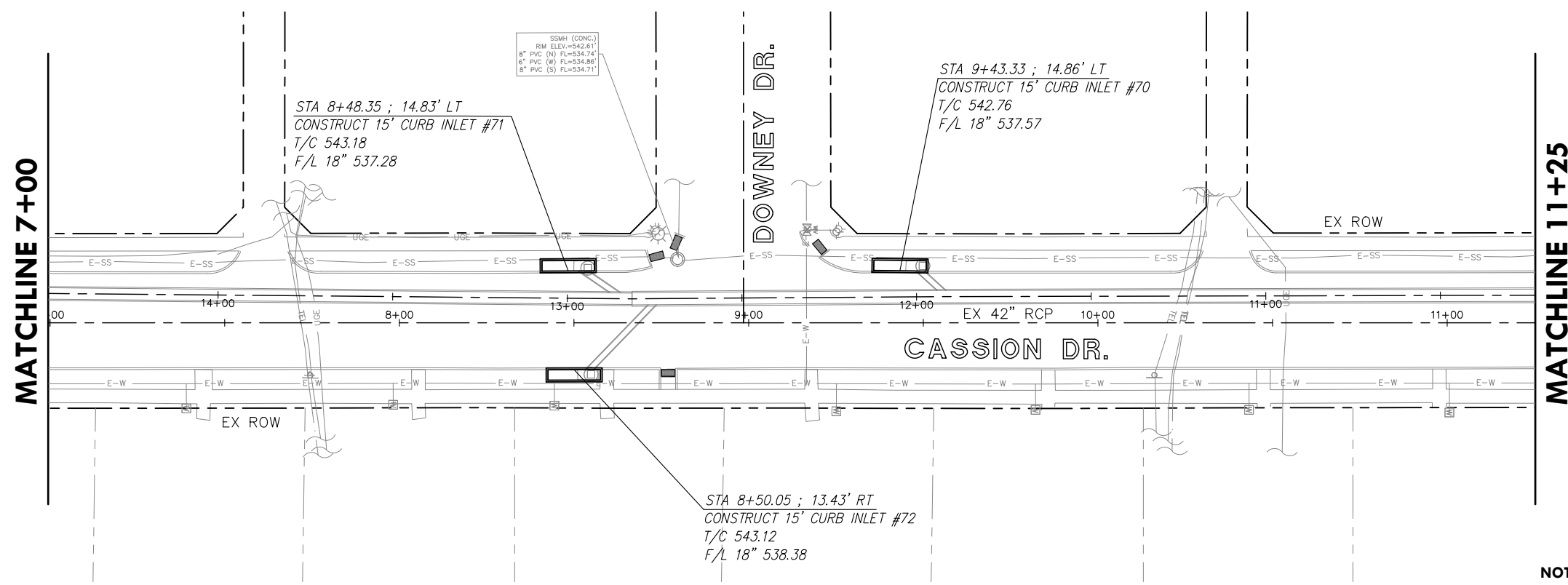
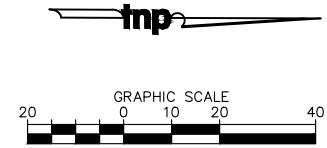
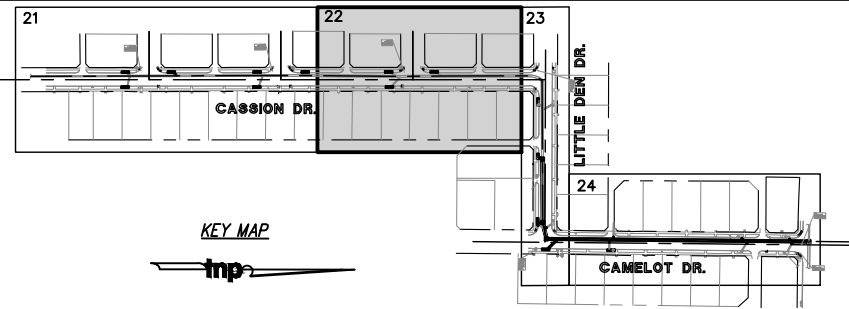


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City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Storm Drain P&P - Cassion Dr.
 Begin to Sta 7+00

tnp project
 LEW24361
 sheet
21



- NOTES**
- Existing right-of-way and property lines are an approximation based off of plats from the Denton County Appraisal District.
 - Contractor shall adjust water services as needed.
 - Inlet # corresponds with drainage areas.
 - Horizontal location and depth of connections to existing laterals have not been verified. The Contractor shall be responsible for field verification of the exact connection location and documenting such locations in as-built plans. If a discrepancy arises that cannot be resolved with minor field adjustments, the Contractor shall notify the Engineer.
 - Sanitary sewer crossings are approximate depth and locations.
 - Conditions of existing lateral connections have not been verified. The upstream connection points are assumed to be near existing pipe joints that are suitable to be reconnected. The Contractor shall carefully remove existing pipe segments at the pipe joints and assess existing pipe condition prior to connecting new pipes. Some additional length of pipe is included in the project to account for damage lateral pipes and connection points that differ from the assumed locations.
 - All storm drain pipes shall be Class III RCP unless otherwise indicated.
 - The hydrology and hydraulic calculations for the Valley Vista drainage improvements are taken from the Final Report prepared by TNP Inc. in October, 2023. These calculations are included for references only. Refer to the approved final report for detailed calculations.

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no.	revision	by	date

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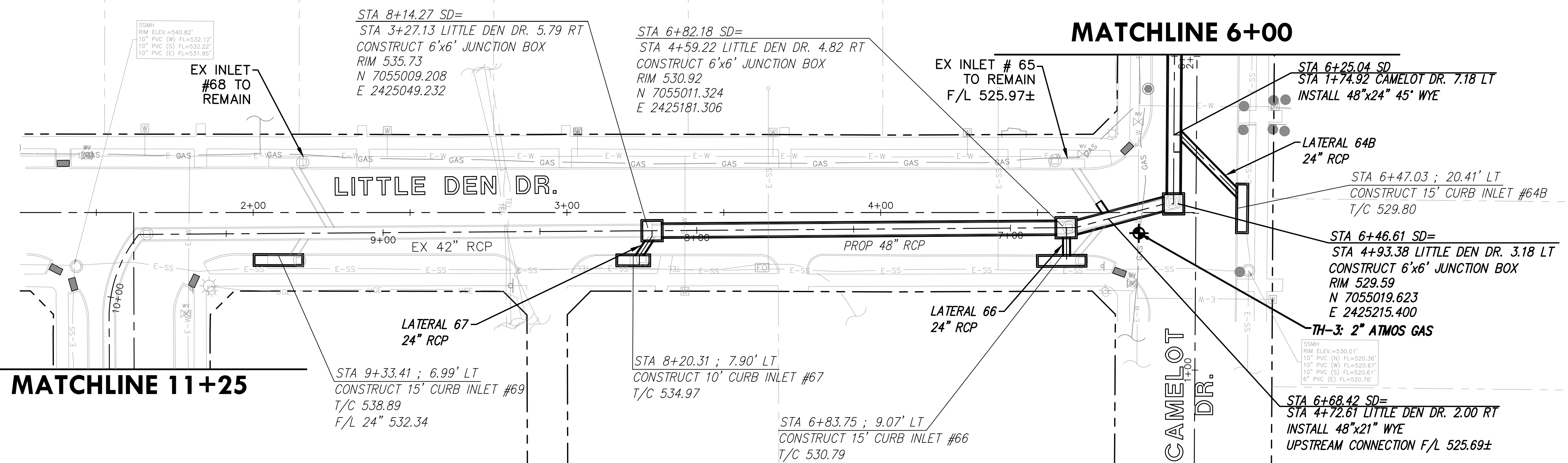
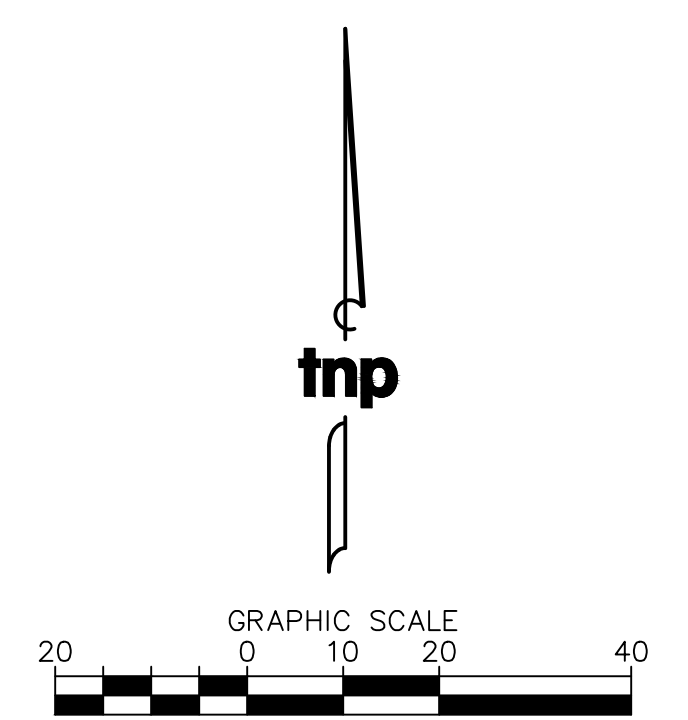


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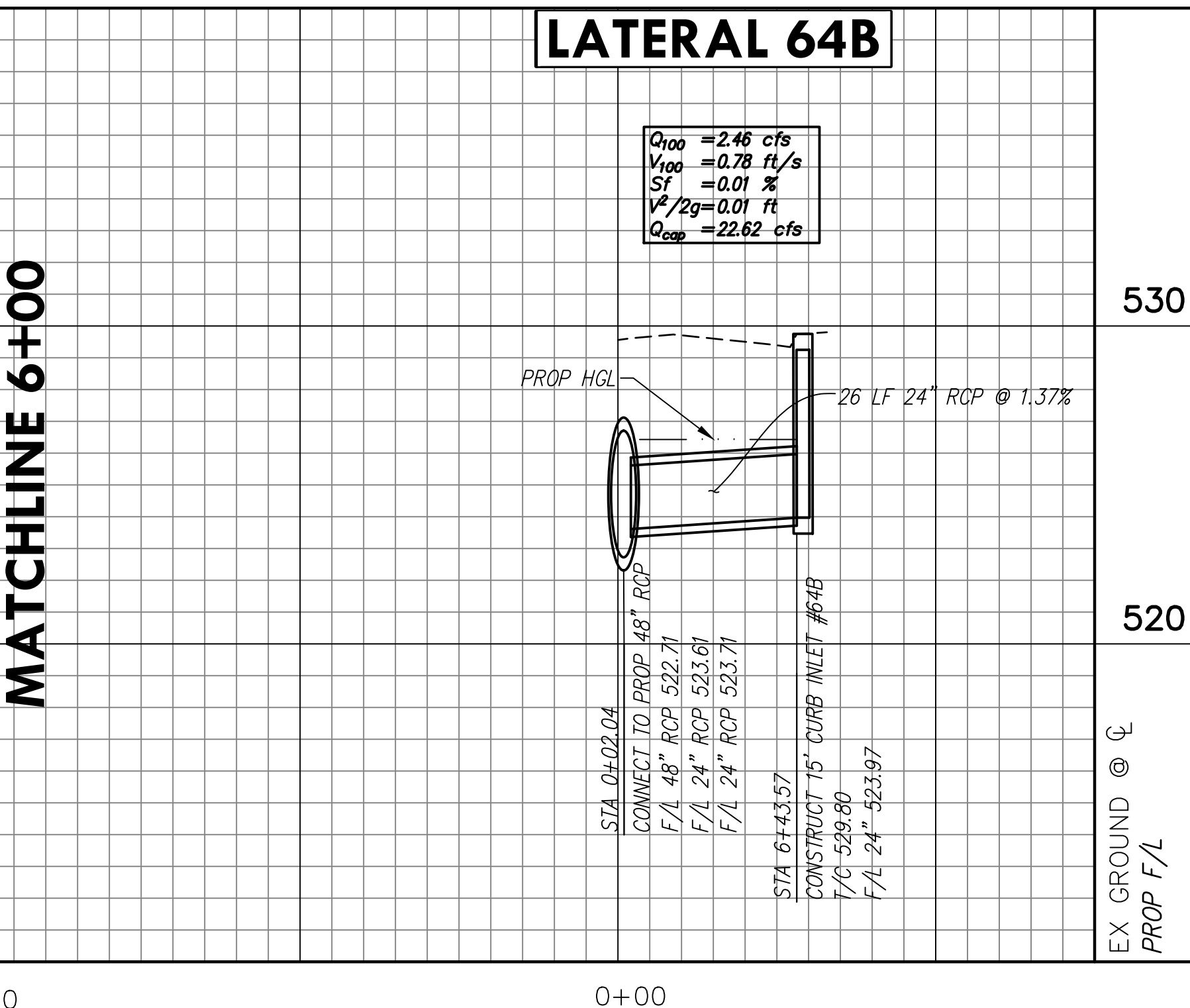
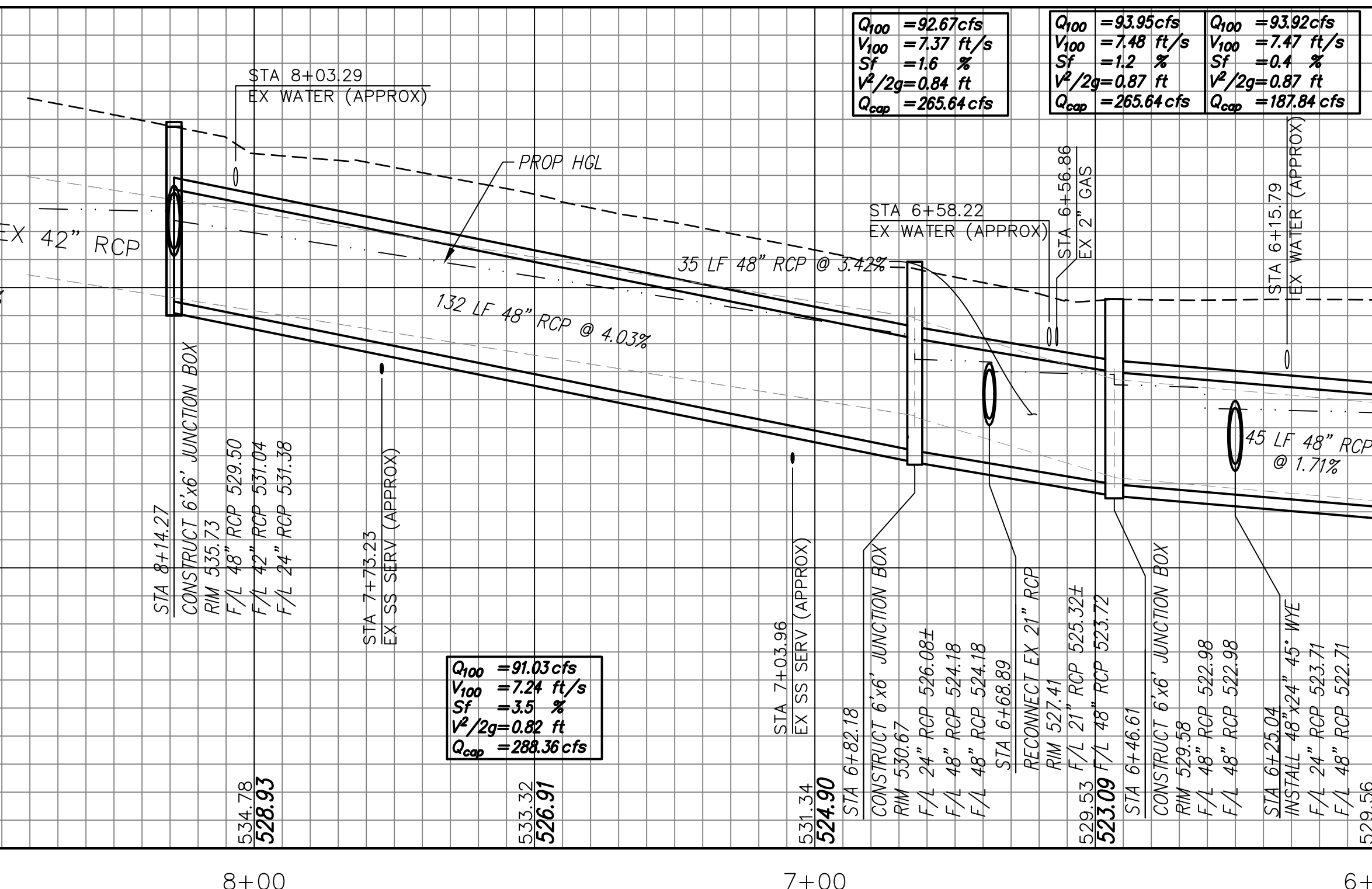
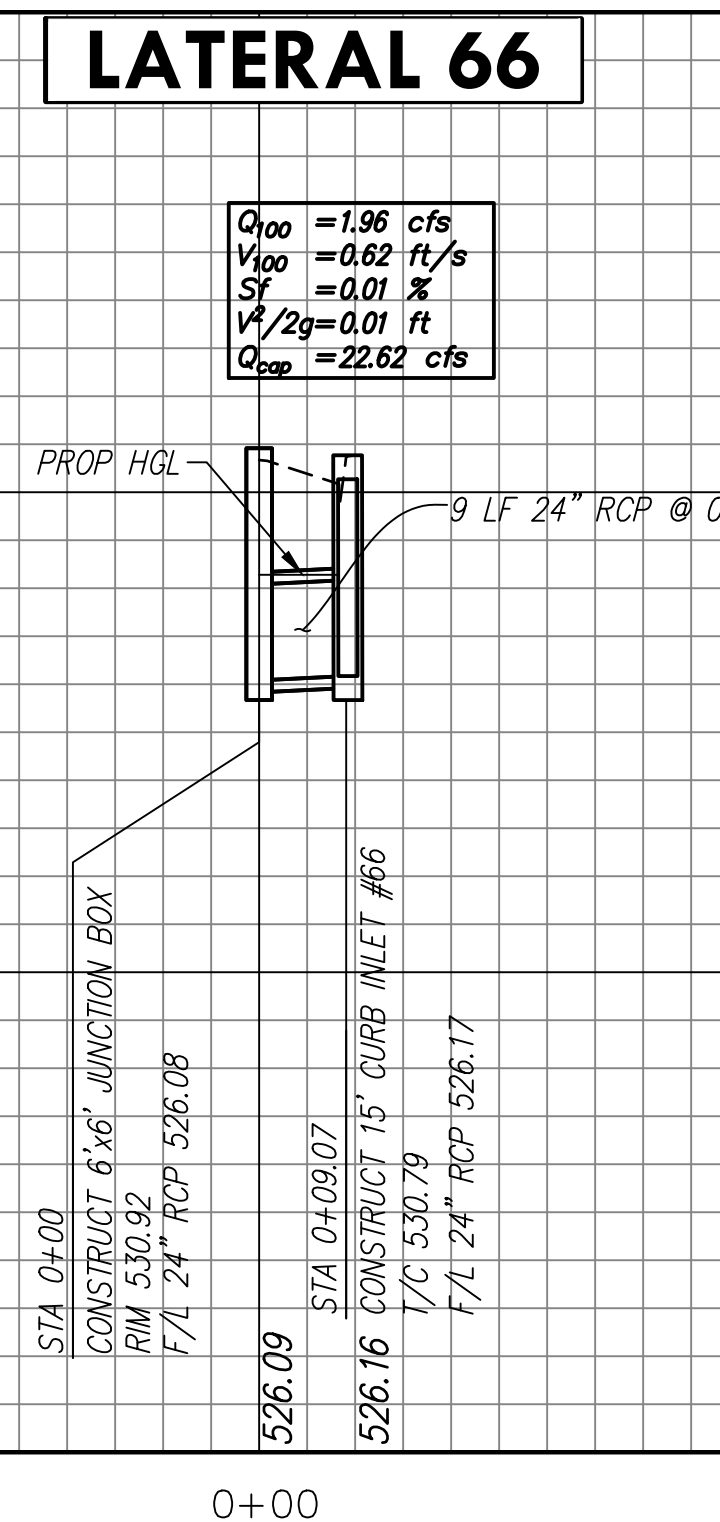
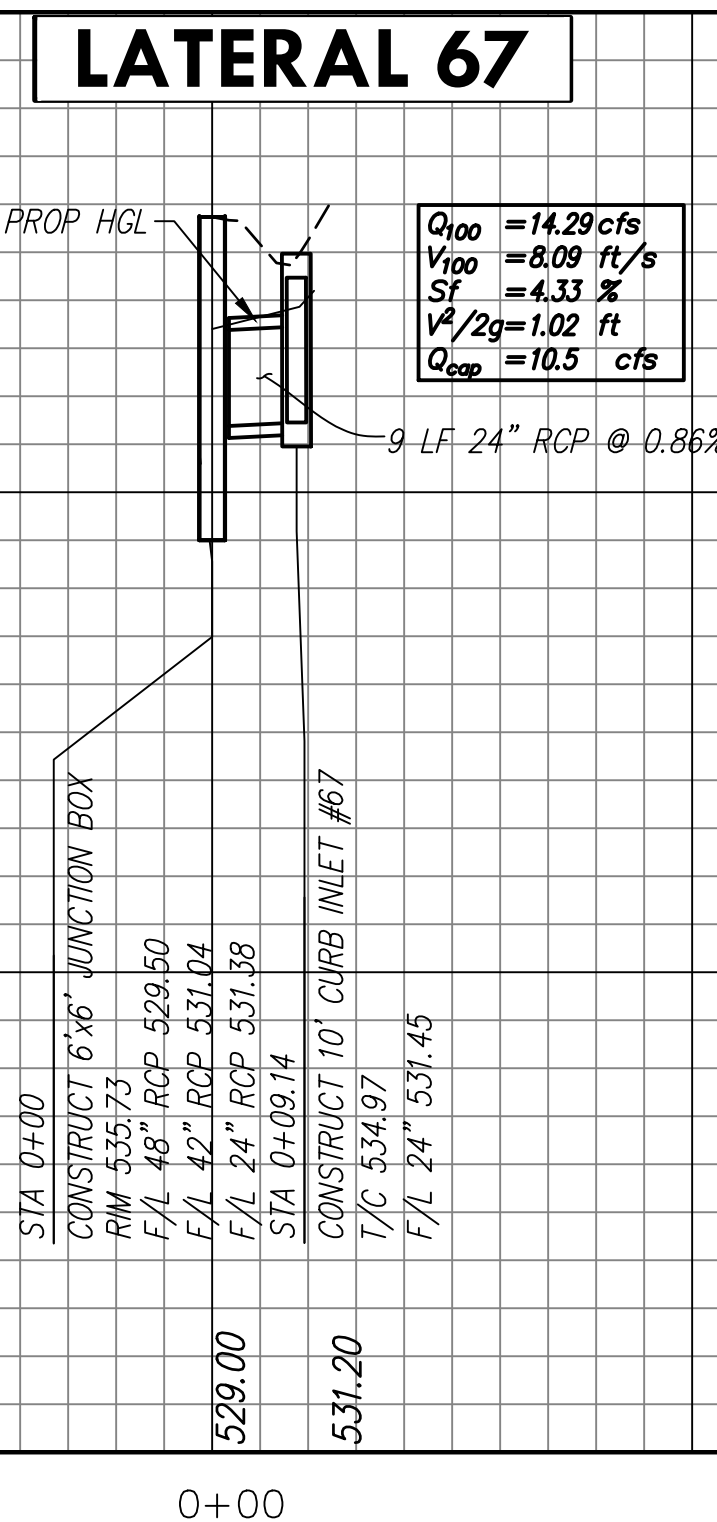


City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Storm Drain Plan - Cassion Dr.
 Sta 7+00 to Little Den Dr.

tnp project
 LEW24361
 sheet
22



- NOTES**
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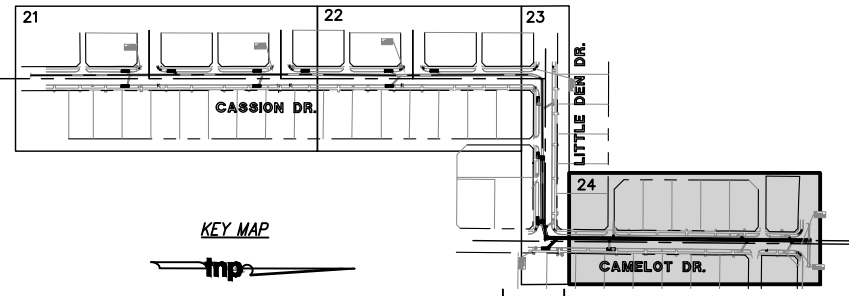
no.	revision	by	date

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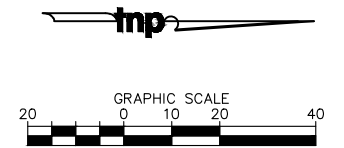
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City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Storm Drain P&P - Little Den Dr.

tnp project
 LEW24361
 sheet
23

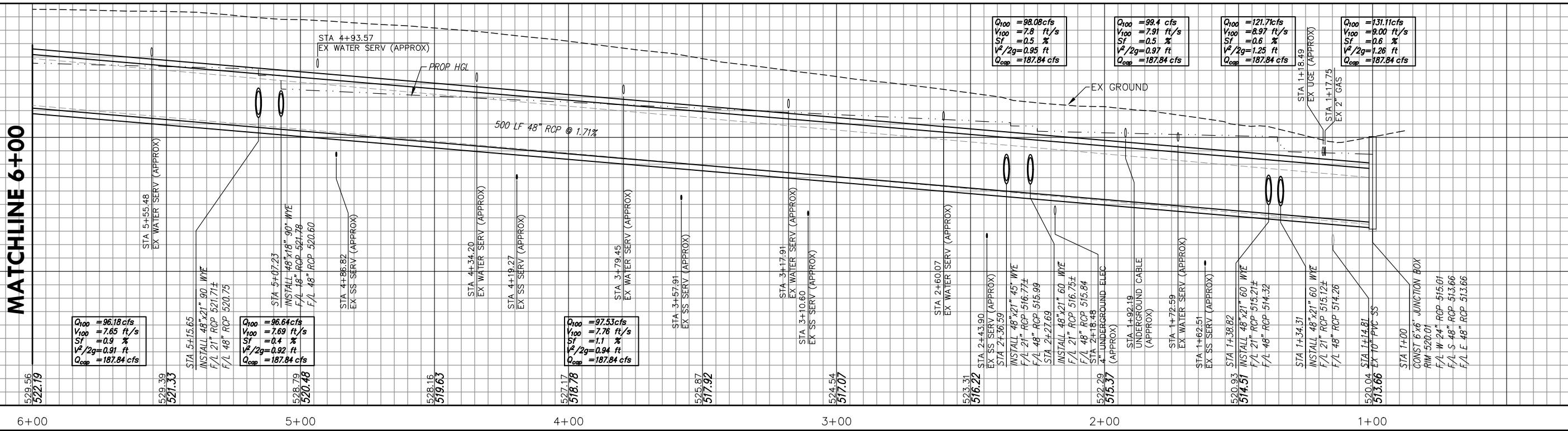
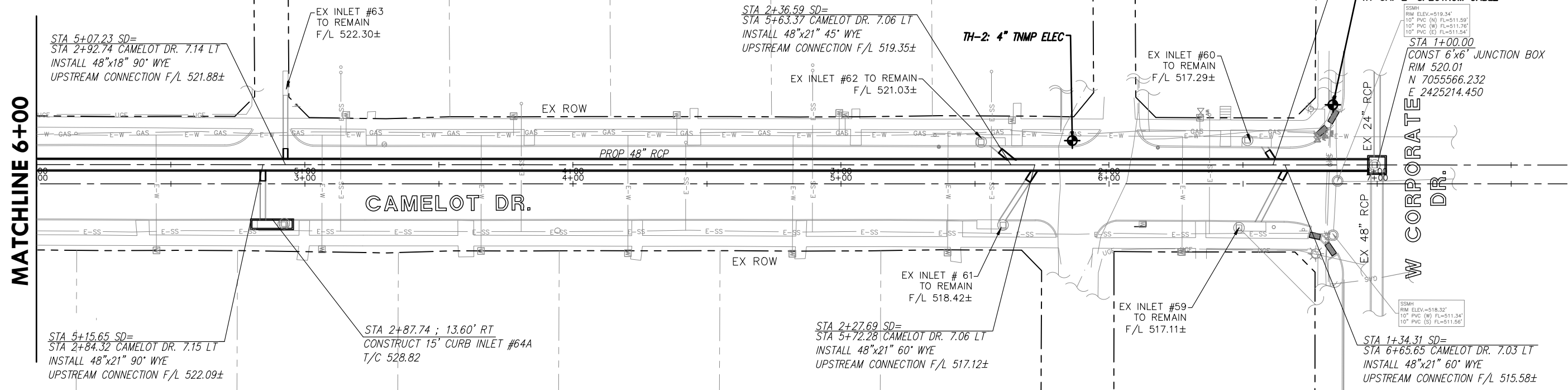


- NOTES**
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MATCHLINE 6+00

MATCHLINE 6+00



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Layout: Camlet Dr. - 16-2505-16L1-LEW.dwg

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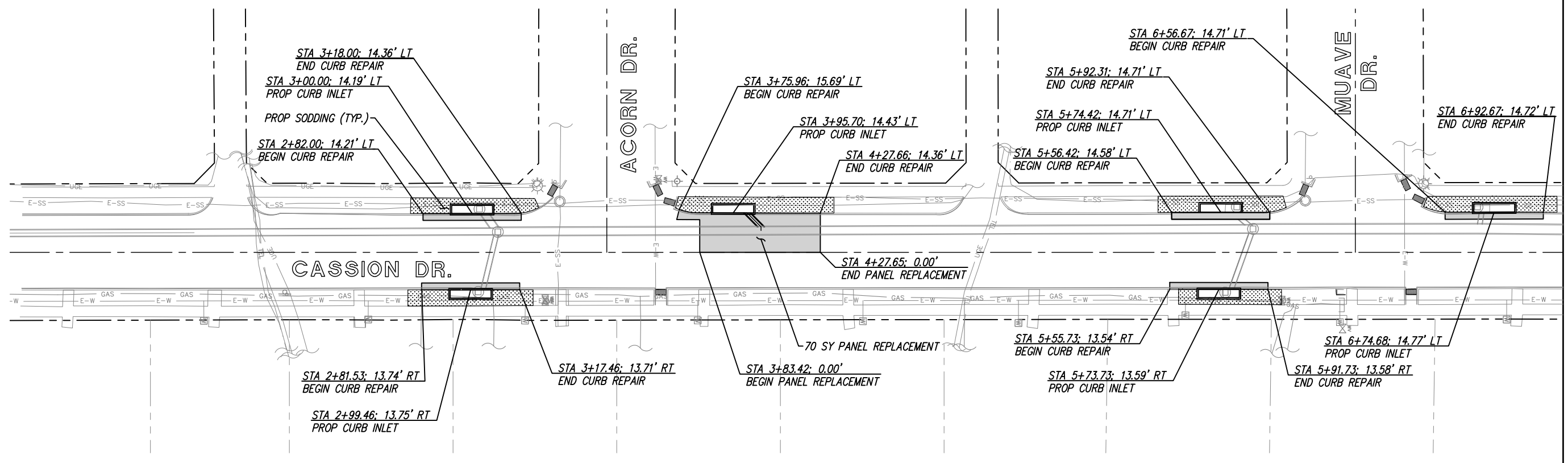
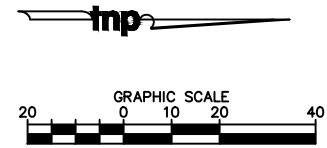
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TOWN OF LEWISVILLE

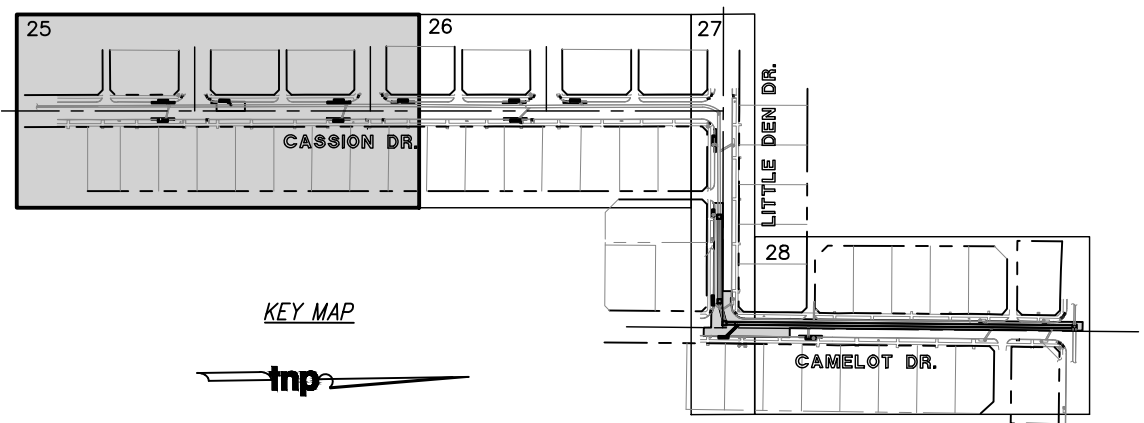
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Oct 2025

City of Lewisville, Texas
Drainage Improvements for
Valley Vista and Poydras
Storm Drain P&P - Camelot Dr.

tnp project
LEW24361
sheet
24



MATCHLINE 7+00



LEGEND

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	- PROP SOD
XXX.XX	- PROP ELEVATION
(XXX.XX)	- EXISTING ELEVATION

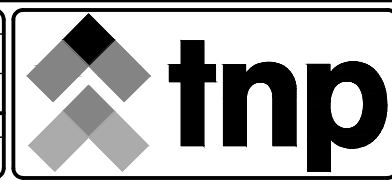
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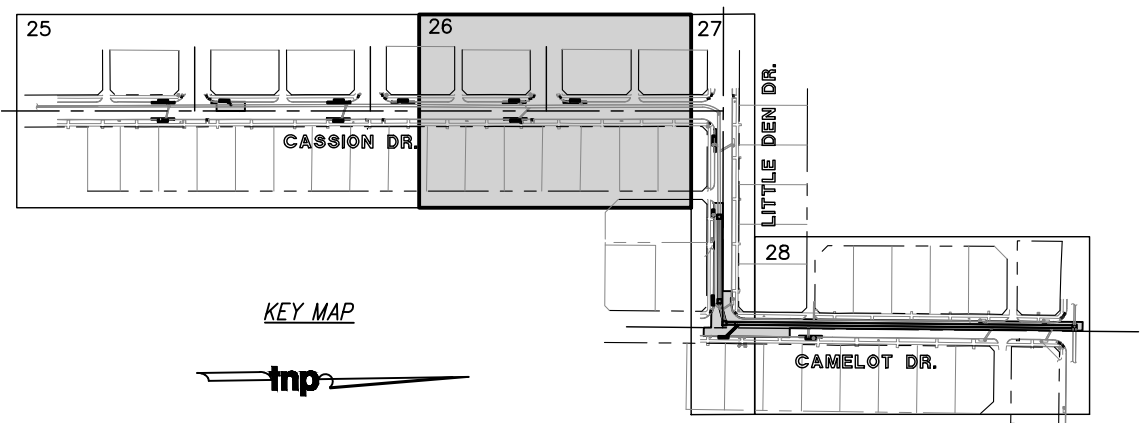
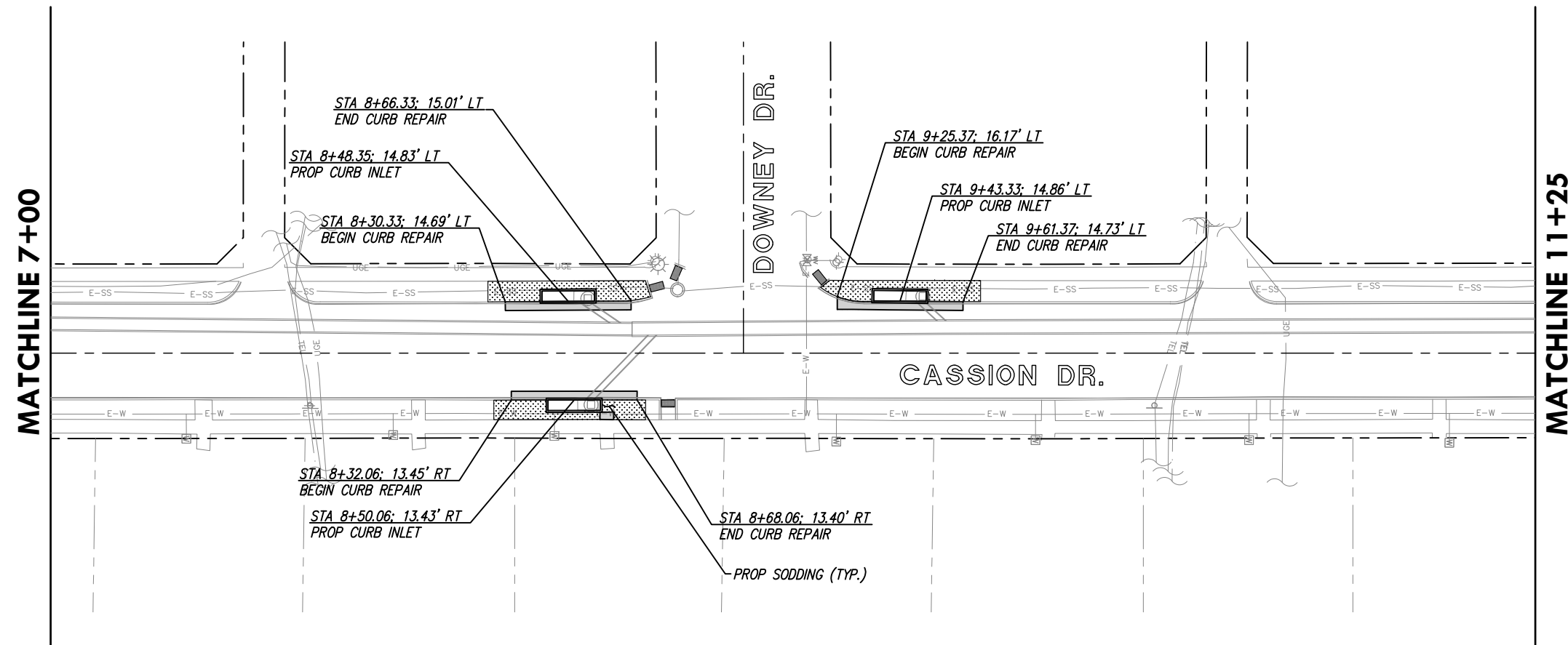
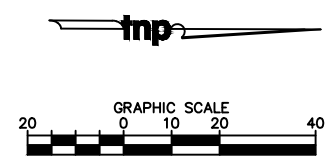


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City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Paving Plan - Cassion Dr. Begin to 7+00

tnp project
 LEW24361
 sheet
25



LEGEND

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	- PROP SOD
XXX.XX	- PROP ELEVATION
(XXX.XX)	- EXISTING ELEVATION

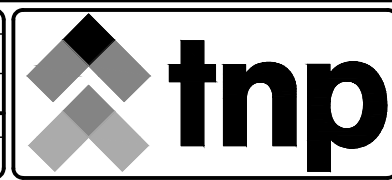
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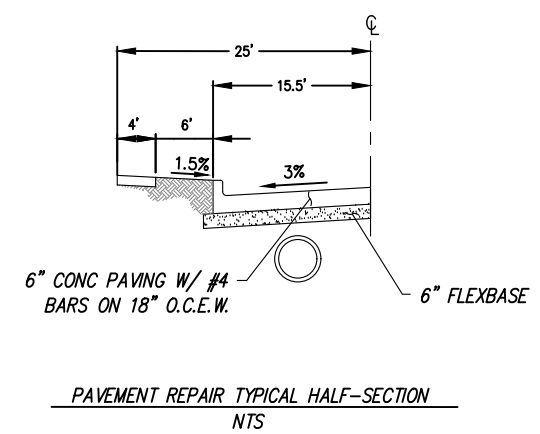
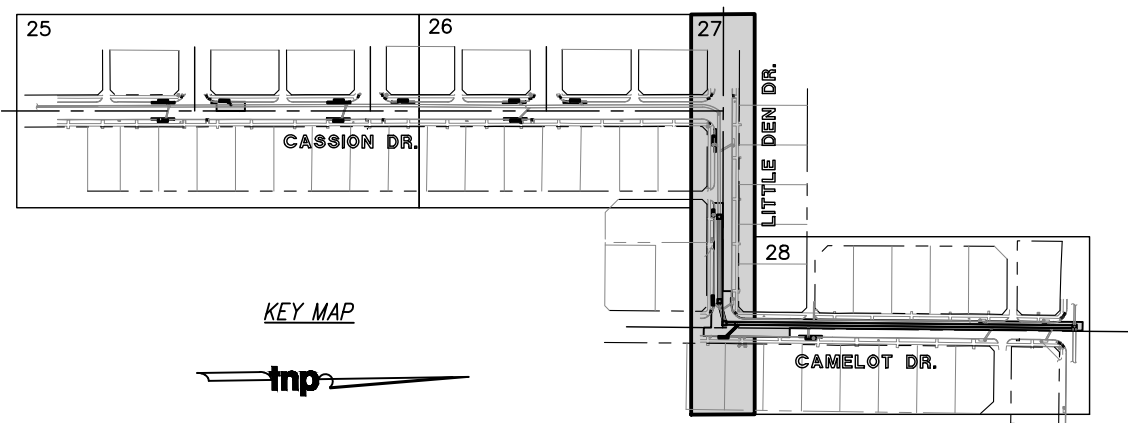
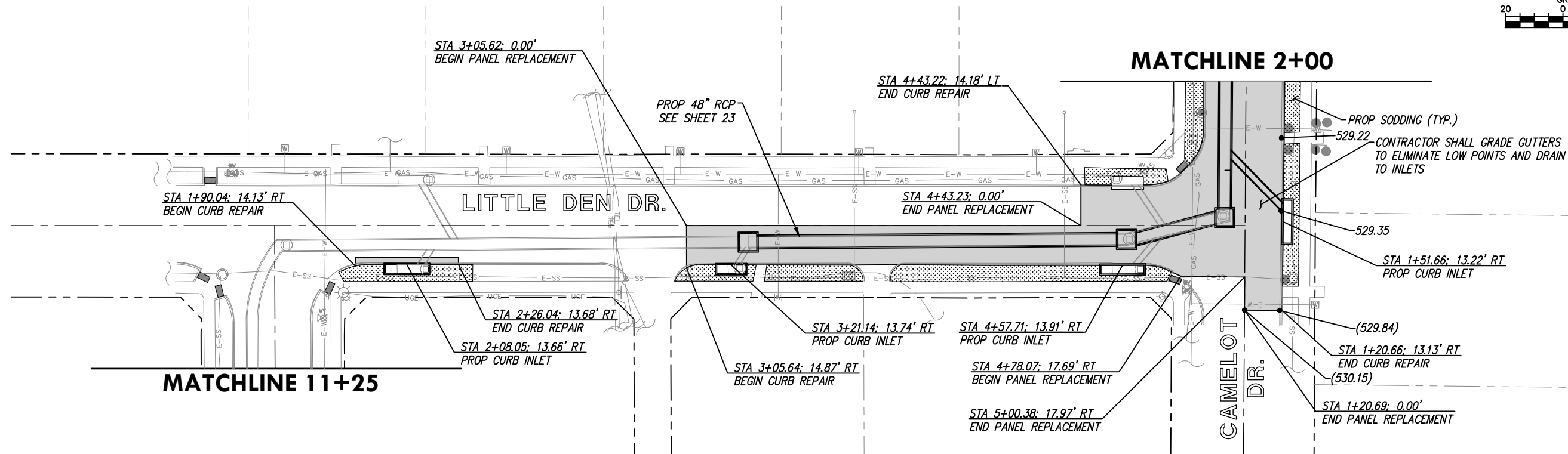
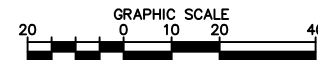


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City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Paving Plan - Cassion Dr.
 Sta 7+00 to Sta 11+50

tnp project
 LEW24361
 sheet
26



LEGEND

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	- PROP SOD
XXX.XX	- PROP ELEVATION
(XXX.XX)	- EXISTING ELEVATION

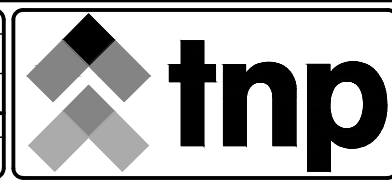
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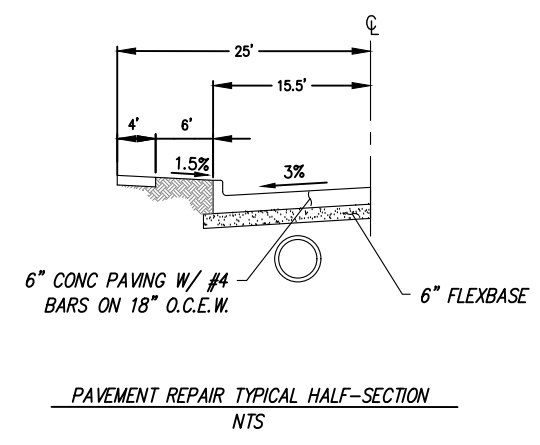
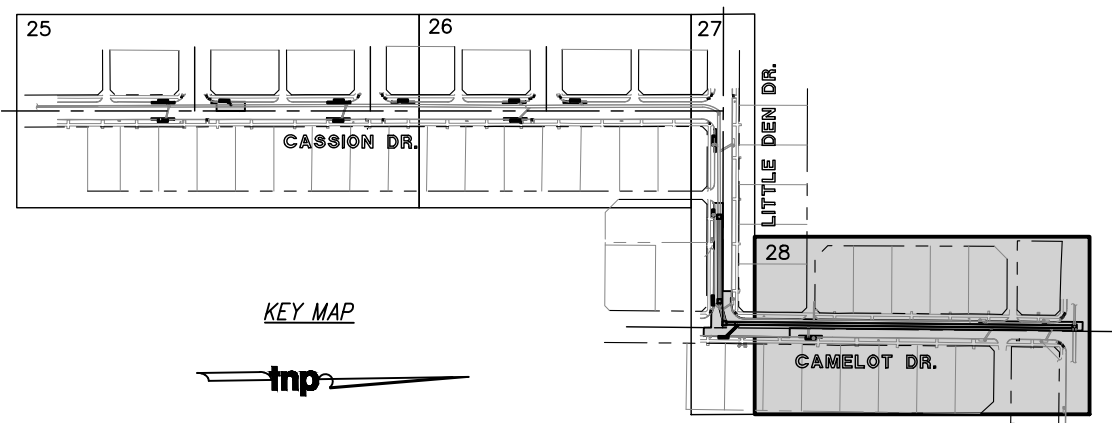
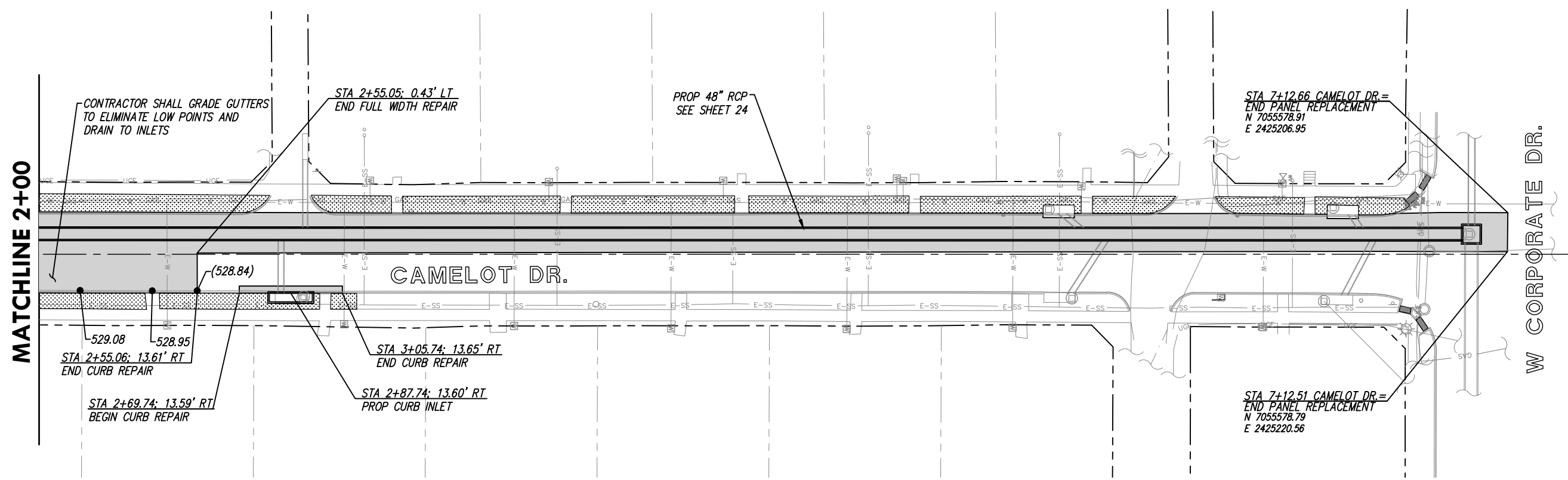
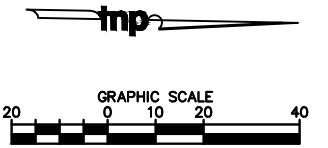


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City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Paving Plan - Little Den Dr.

tnp project
 LEW24361
 sheet
27



LEGEND

	- PROP CONC
	- PROP SOD
XXX.XX	- PROP ELEVATION
(XXX.XX)	- EXISTING ELEVATION

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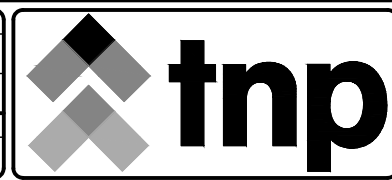
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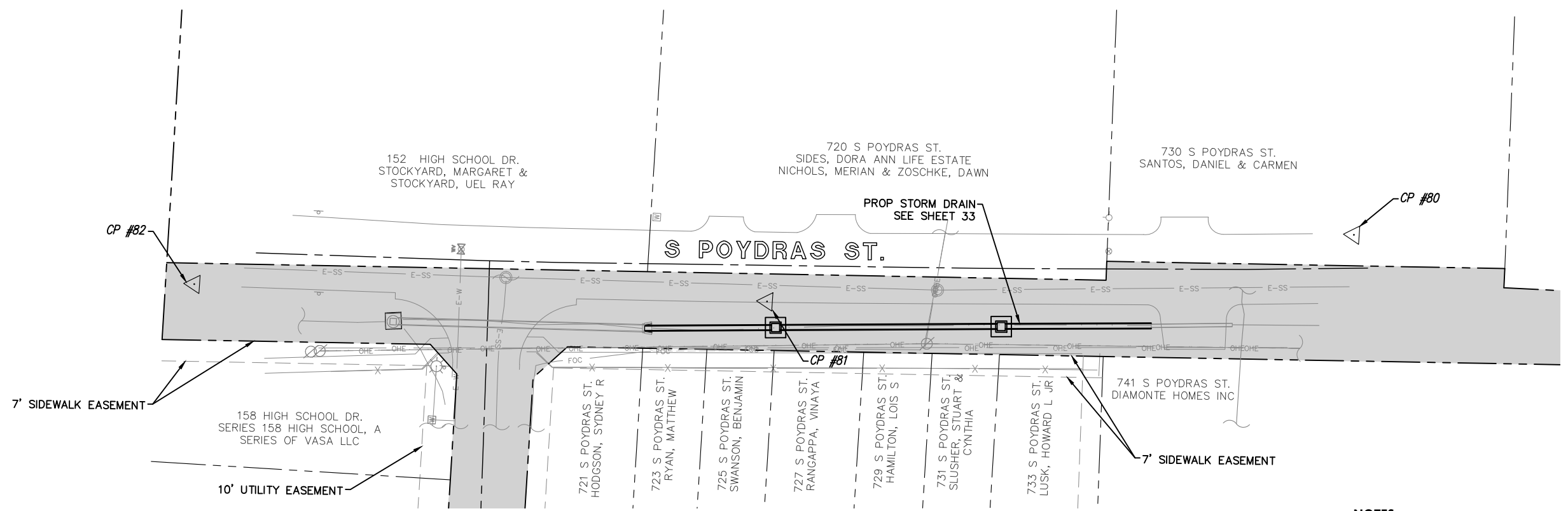
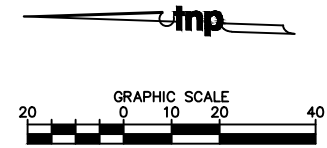
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date
 Oct 2025



City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Paving Plan - Camelot Dr.

tnp project
 LEW24361
 sheet
28



NOTES

1. Existing right-of-way and property lines are an approximation based off of plats from the Denton County Appraisal District.

LEGEND

- EXISTING ROW

COORDINATE CONTROL TABLE

Point #	Northing	Easting	Elevation	Description
80	7065268.06	2429889.44	519.74	CP XST
81	7065458.47	2429855.35	520.31	CP XST
82	7065646.04	2429849.08	518.90	CP XST

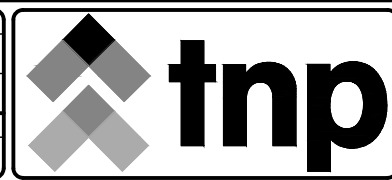
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no.	revision	by	date

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 Denton, Texas 76210
 940.383.4177 ph 940.383.8026 fx
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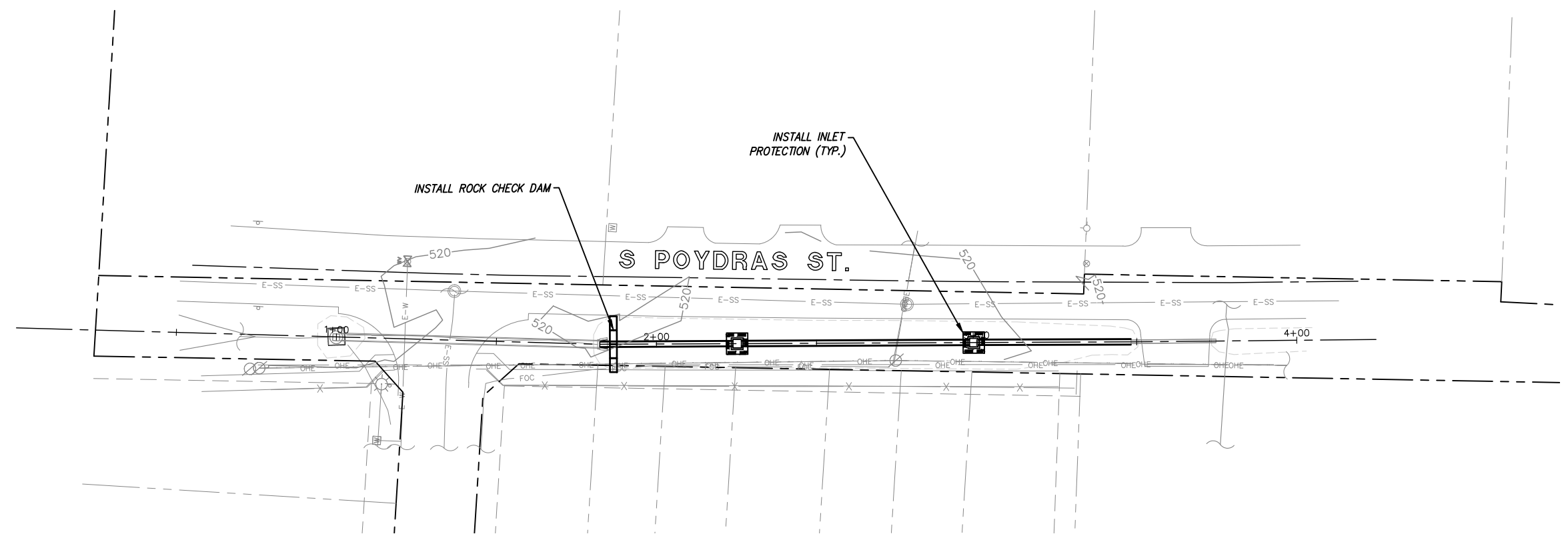
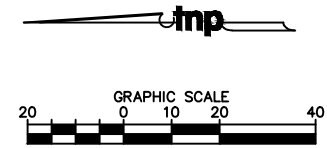


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 vert
 date
 Oct 2025



City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
ROW and Control Plan - S Poydras St.

tnp project
 LEW24361
 sheet
29



LEGEND

	- ROCK CHECK DAM
	- SILT FENCE
	- INLET PROTECTION

Drawing: F:\Projects\LEW\24361\Drawings\Construction\Plan\Erosion Control\Plan.dwg of Oct 16, 2025 - at 10:00 am by dhw
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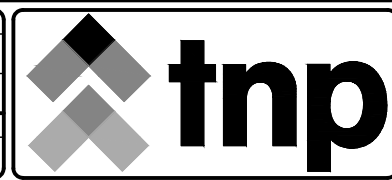
no.	revision	by	date

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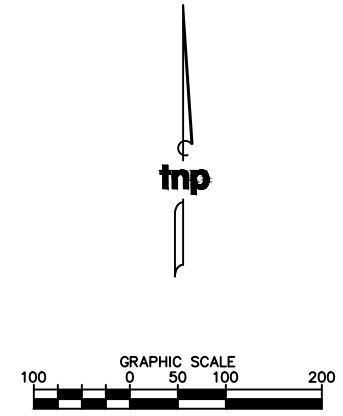
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City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Erosion Control Plan - S. Poydras St.

tnp project
 LEW24361
 sheet
30

Drawing: T:\Projects\LEW\351\Eng-CAD\construction_plans\DM.dwg of Oct. 16, 2025 -> from by dtd
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LEGEND	
	DRAINAGE DIVIDE
	FLOW ARROW
	AREA NAME
	CONTOUR

no.	revision	by	date

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 1"=100'
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 date
 Oct 2025



City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Drainage Area Map

tnp project
 LEW24361
 sheet
31

Drainage Area Calculations - Ultimate Conditions

Area	Acres	Composite C Factor Calculation										'C' 100YR	Tc	I ₁₀₀	C*C _{F100}	Q ₁₀₀
		Land Use	Acres	C'	Land Use	Acres	C'	Land Use	Acres	C'	Land Use					
DB-01	2.07	SF	1.18	0.55	ROW	0.22	0.75	Multi-Family	0.67	0.60	0.59	13	8.46	0.73	8.55	
DB-02	1.59	Town	1.34	0.70	ROW	0.05	0.75	Multi-Family	0.20	0.60	0.69	10	9.60	0.86	13.15	
DB-03	0.18	Town	0.08	0.70	ROW	0.06	0.75	SF	0.04	0.55	0.68	10	9.60	0.85	1.48	
DB-04	0.22	Town	0.14	0.70	ROW	0.08	0.75			0.00	0.72	10	9.60	0.90	1.90	

Hydraulic Grade Line Calculation

PIPE NUMBER	UPSTREAM JUNCTION	UP-STREAM JUNCTION STATION	DOWN-STREAM JUNCTION	DISTANCE BETWEEN DESIGN POINTS (FT)	INCREMENTAL AREA		TOTAL AREA (AC.)	COEFF OF RUNOFF 'C'	TOTAL 'CA'	TIME OF CONCENTRATION		DESIGN FREQ. (YR.)	INTEN-SITY 'I' (IN/HR)	FLOW 'Q' (CFS)	CONDUIT SIZE (IN.)	MANNINGS 'N'	SLOPE OF FRICTION GRAD. (FT/FT)	HYDRAULIC GRADIENT ELEVATION		AVERAGE VELOCITY		HEAD LOSS AT CHANGE IN SECTION				
					NO.	AREA (AC.)				INLET TIME (MIN.)	TOTAL TIME (MIN.)							UP STREAM	DOWN STREAM	V1 (IN) (FPS)	V2 (OUT) (FPS)	V1 ² /2G (FT)	V2 ² /2G (FT)	Kj	Kj/V1 ² /2G (FT)	Hj (FT)
Poydras SD																										
B3	MH 90L	3+48.00	INLET - ML	52.00	DB-01	2.07	2.07	0.59	1.22	13.00	13.0	100	8.46	10.3	18	0.013	0.0096	520.94	520.44	0.00	5.82	0.000	0.53	0.25	0.00	0.53
B2	INLET - ML	2+96.00	INLET - ML	73.00	DB-02	1.59	3.66	0.69	2.31	10.00	13.0	100	8.46	19.6	24	0.013	0.0075	520.10	519.56	5.82	6.22	0.526	0.60	0.50	0.26	0.34
B1	INLET - ML	2+23.00	MH 90L	41.00	DB-04	0.22	3.88	0.72	2.47	10.00	13.0	100	8.46	20.9	24	0.013	0.0085	519.17	518.82	6.22	6.65	0.602	0.69	0.50	0.30	0.39
	MH 90L	1+82.00																518.82								

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 Layout: Calculations-Poydras Title: 250-852.dwg - 250-852.dwg - 250-852.dwg

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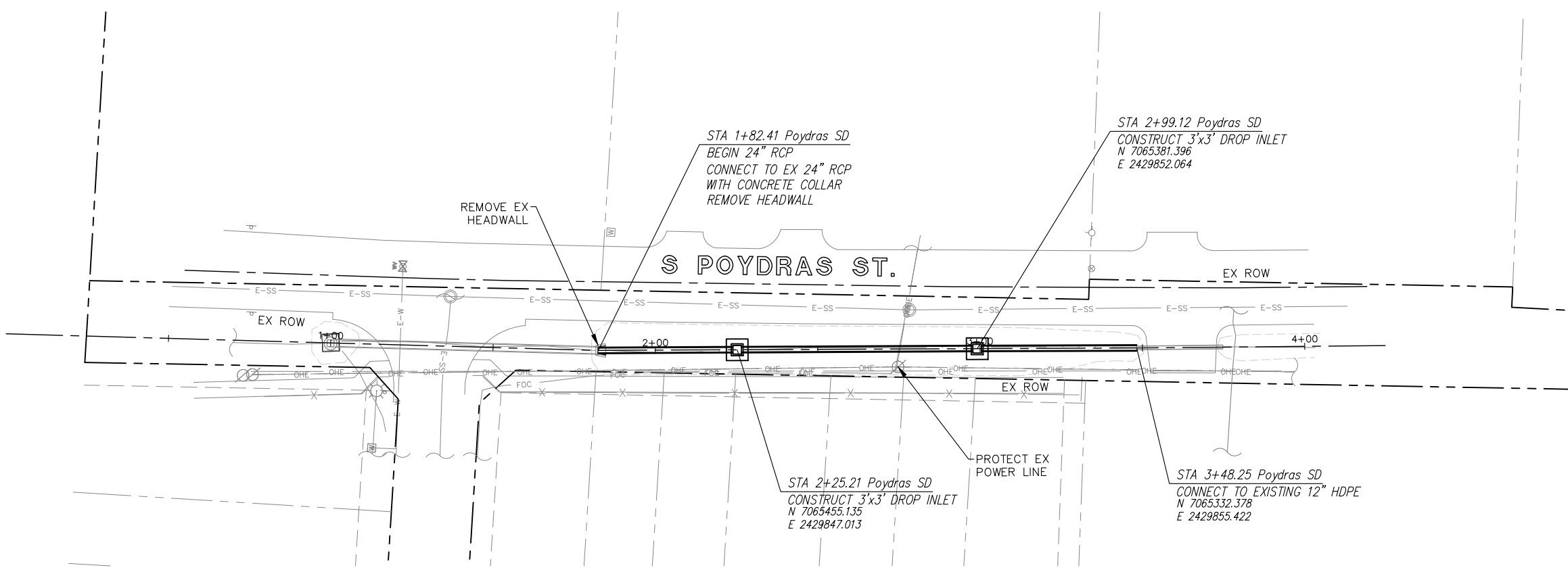
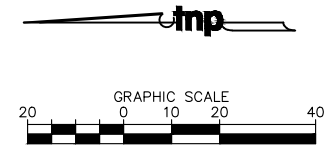


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Oct 2025

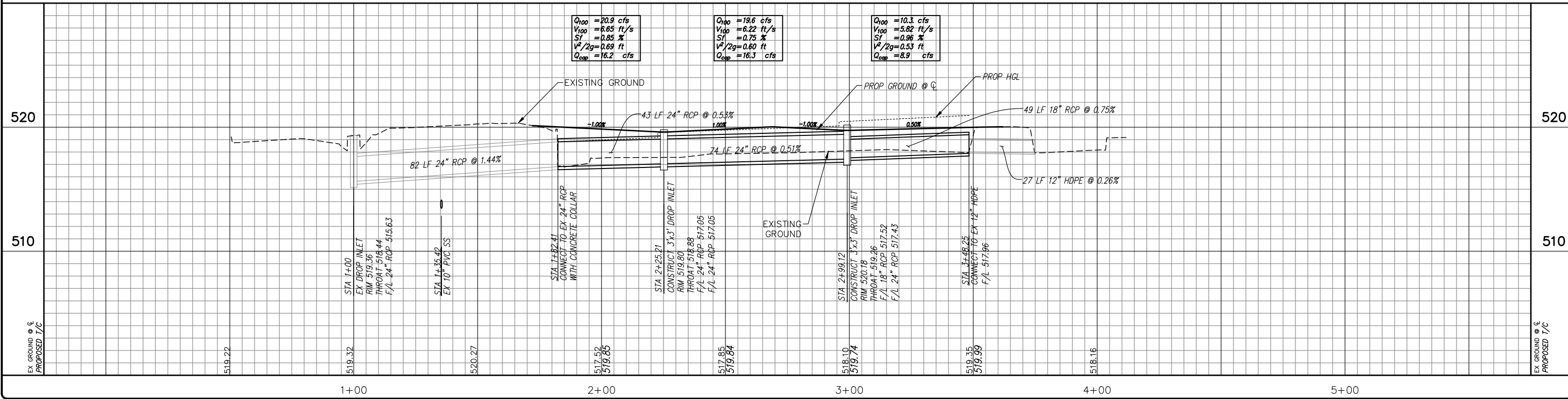


City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Drainage Calculations

tnp project
 LEW24361
 sheet
32



- NOTES**
- Existing right-of-way and property lines are an approximation based off of plats from the Denton County Appraisal District.
 - Contractor shall adjust water services as needed.
 - Inlet # corresponds with drainage areas.
 - Horizontal location and depth of connections to existing laterals have not been verified. The Contractor shall be responsible for field verification of the exact connection location and documenting such locations in as-built plans. If a discrepancy arises that cannot be resolved with minor field adjustments, the Contractor shall notify the Engineer.
 - Sanitary sewer crossings are approximate depth and locations.
 - Conditions of existing lateral connections have not been verified. The upstream connection points are assumed to be near existing pipe joints that are suitable to be reconnected. The Contractor shall carefully remove existing pipe segments at the pipe joints and assess existing pipe condition prior to connecting new pipes. Some additional length of pipe is included in the project to account for damage lateral pipes and connection points that differ from the assumed locations.
 - All storm drain pipes shall be Class III RCP unless otherwise indicated.



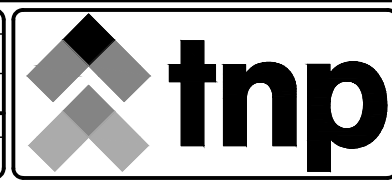
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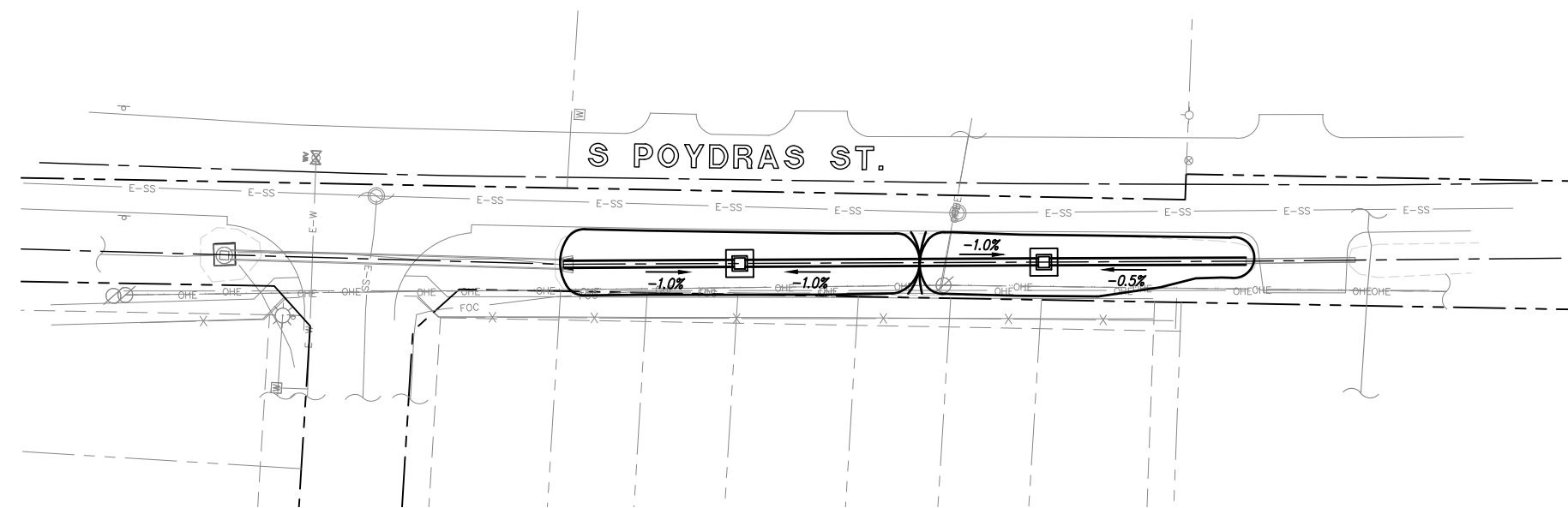
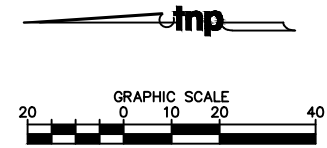


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 Oct 2025



City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Storm Drain P&P - S Poydras St.

tnp project
 LEW24361
 sheet
33



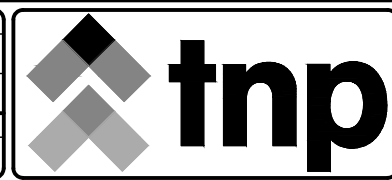
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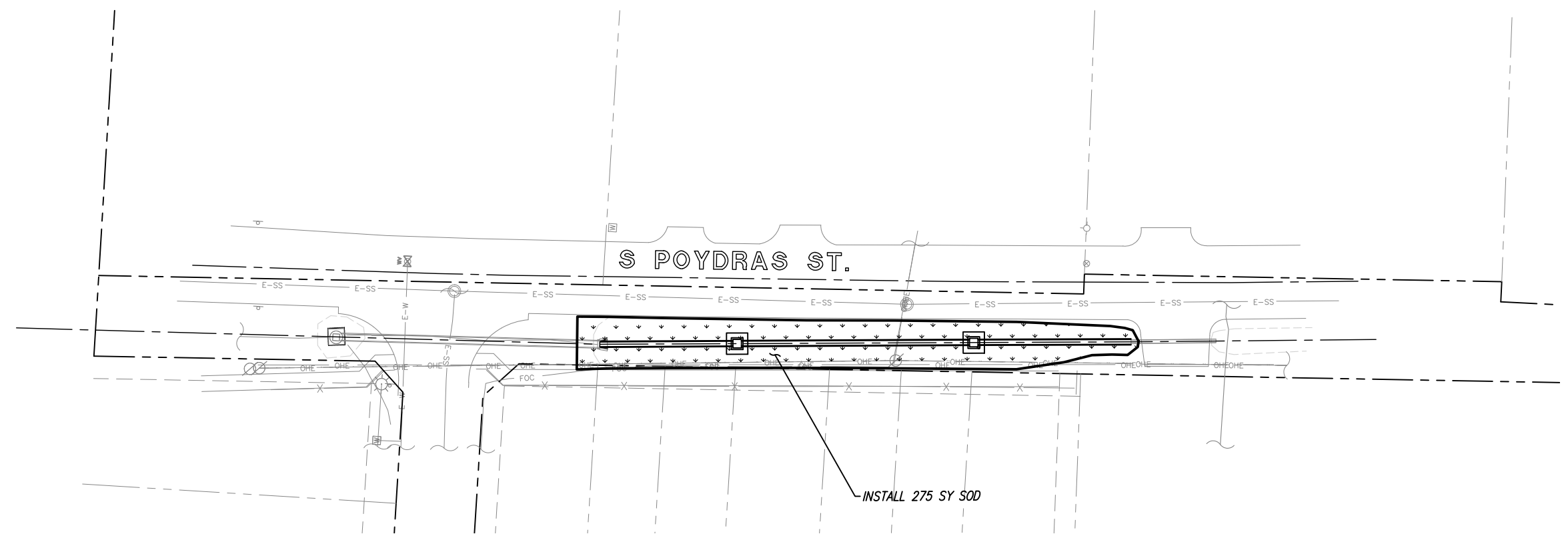
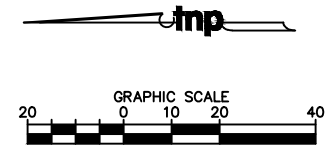


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 Oct 2025



City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
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tnp project
 LEW24361
 sheet
34



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 Layout: Restoration Plan - S. Poydras St. - JCS - 10/16/25 - JCS-LEW/eng - JCS-LEW/eng

no.	revision	by	date

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 Oct 2025



City of Lewisville, Texas
 Drainage Improvements for
Valley Vista and Poydras
 Restoration Plan - S. Poydras St.

tnp project
 LEW24361
 sheet
35

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LINestyle LEGEND

- ELECTRIC **E1** Texas New Mexico Power
- ELECTRIC **E1(C)** Texas New Mexico Power
- ELECTRIC **E1(D)** Texas New Mexico Power
- OVERHEAD ELECTRIC **OHE1(C)** Texas New Mexico Power
- ELECTRIC **E2** Private
- ELECTRIC **E2(C)** Private
- ELECTRIC **E2(D)** Private
- FIBER OPTIC **CATV1** Spectrum
- FIBER OPTIC **CATV1(C)** Spectrum
- FIBER OPTIC **CATV1(D)** Spectrum
- OVERHEAD TELEPHONE **OHCATV1(C)** Spectrum
- TELEPHONE **T1** Frontier
- TELEPHONE **T1(C)** Frontier
- TELEPHONE **T1(D)** Frontier
- OVERHEAD TELEPHONE **OHT1(C)** Frontier
- GAS **G1** Atmos Energy
- GAS **G1(C)** Atmos Energy
- GAS **G1(D)** Atmos Energy
- WATER **W1** City of Lewisville
- WATER **W1(C)** City of Lewisville
- WATER **W1(D)** City of Lewisville
- WASTEWATER **WW1** City of Lewisville
- WASTEWATER **WW1(C)** City of Lewisville
- WASTEWATER **WW1(D)** City of Lewisville
- STORMWATER **STM1** City of Lewisville
- STORMWATER **STM1(C)** City of Lewisville
- STORMWATER **STM1(D)** City of Lewisville

SYMBOL LEGEND

- WATER BLOW OFF
- FIRE HYDRANT
- WATER VALVE BOX
- CATHODIC PROTECTION
- PHOTO TAKEN HERE
- WASTEWATER MANHOLE
- SEWER CLEAN OUT
- STORM MANHOLE
- STORM SEWER INLET
- STORM CLEAN OUT
- GAS MANHOLE
- GAS METER
- GAS VALVE
- GAS TEST STATION
- GAS VENT
- CATV PEDESTAL
- CATV SERVICE BOX
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- TELEPHONE HAND HOLE
- TELEPHONE JUNCTION BOX
- TELEPHONE REPEATER
- FIBER OPTIC HAND HOLE
- FIBER OPTIC JUNCTION BOX
- FIBER OPTIC MANHOLE
- UTILITY MARKER POST
- RAILROAD SIGNAL
- TOWER
- UTILITY DEAD POLE
- WATER MANHOLE
- WATER METER
- AIR RELEASE VALVE
- WATER VALVE
- DETECTOR CHECK VALVE
- ELECTRIC PEDESTAL
- ELECTRIC MANHOLE
- ELECTRIC METER
- ELECTRIC PULLBOX
- HIGH MAST LIGHTING TOWER
- ELECTRIC TRANSFORMER
- TRAFFIC CAMERA
- TXDOT CAMERA
- LUMINAIRE STANDARD
- GROUND LIGHT
- SIGNAL CONTROL PANEL
- POWER POLE
- POWER POLE WITH RISER
- ILLUMINATION POLE
- GUY ANCHOR
- GUY POLE DEADMAN
- SOLAR PANEL
- TRAFFIC SIGNAL BOX
- STREET SIGN
- TRAFFIC SIGNAL POLE
- GENERIC MANHOLE
- LEVEL 'A' TEST HOLE
- CONTROL POINT
- TRAFFIC SIGNAL PEDESTAL

GENERAL NOTES

SIZE INFORMATION SHOWN IS TAKEN FROM AVAILABLE UTILITY RECORDS.

UTILITY QUALITY LEVEL A:
 PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT.

UTILITY QUALITY LEVEL B:
 INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

UTILITY QUALITY LEVEL C:
 INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION

UTILITY QUALITY LEVEL D:
 INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

QUALITY LEVEL LEGEND

- WW1** **QUALITY LEVEL B**
- WW1(C)** **QUALITY LEVEL C**
- WW1(D)** **QUALITY LEVEL D**

LINestyle LEGEND

- EXIST. R.O.W.**
- PROPERTY LINE**
- G1 - (C)** **RECORDS INDICATE ENCASEMENT**
- G1(D)-X** **RECORDS INDICATE ABANDONMENT**

CONTACT LIST

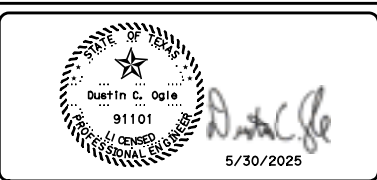
COMPANY	UTILITY COORDINATOR	PHONE	E-MAIL	ADDRESS
Atmos Energy	-	-	Map.Requests@atmosenergy.com	1400 Patton Pl, Carrollton, TX 75007
City of Lewisville	Mary Ayala	972-219-3493	lewisvilletx@mycusthelp.com	151 W Church St, Lewisville, TX 75057
Frontier	Teri Janes	903-646-2621	Teri.janes1@ftr.com	7979 N Belt Line Rd, Irving, TX 75063
Spectrum	John Moses	866-874-2389	John.Moses@charter.com	2217 N Tarrant Pkwy Ste 221, Fort Worth, TX 76177
Texas New Mexico Power	Timothy Carter	888-866-7456	Timothy.Carter@tnmp.com	577 N Garden Ridge Blvd, Lewisville, TX 75067

no.	revision	by	date

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 5237 N. Riverside Drive, Suite 100
 Fort Worth, Texas 76137
 817.336.5773 ph 817.336.2813 fx
 www.tnppinc.com
 TBPE: F-230; TBPLS: 10011600, 10011601, 10194381



scale
 when bar is
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 vert
 N/A
 MAY 2025



City of Lewisville, Texas
Valley Vista and Poydras
Legend/General Notes

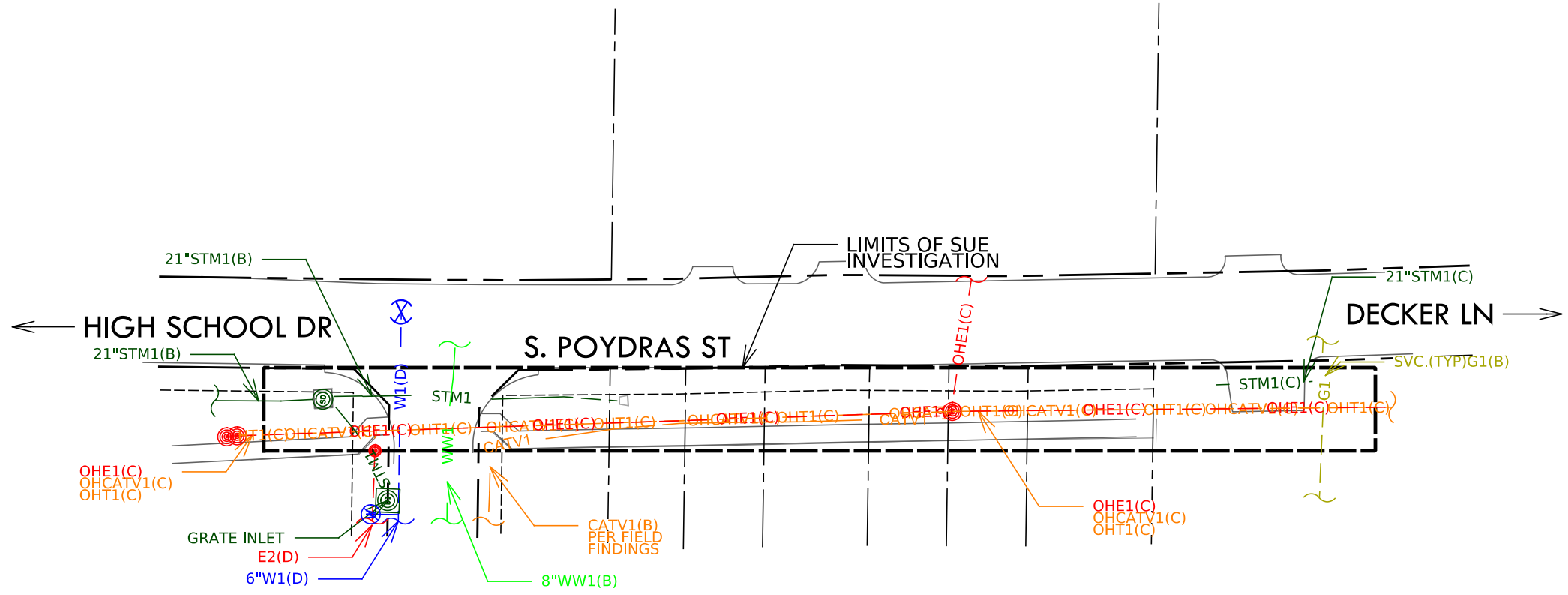
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LEW24361
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6



0 5 10 20
SCALE: 1" = 20' HOR.

GENERAL NOTES:
1. LOCATING IRRIGATION SYSTEMS OR INDIVIDUAL SERVICES IS OUTSIDE OF SCOPE OF SUE INVESTIGATION.
2. CONTRACTOR TO VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY SUE ENGINEER OF ANY DISCREPANCIES.

* NOT FOUND IN THE FIELD AND DRAWN IN PER AS-BUILT DRAWINGS



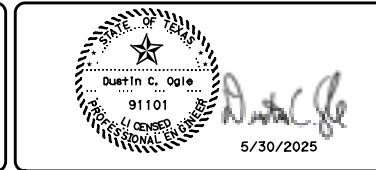
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no.	revision	by	date

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1 inch long
horiz
1"=20'
vert
N/A
MAY 2025



City of Lewisville, Texas
Valley Vista and Poydras
 Existing Utility Plans

tnp project
LEW24361
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2
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6

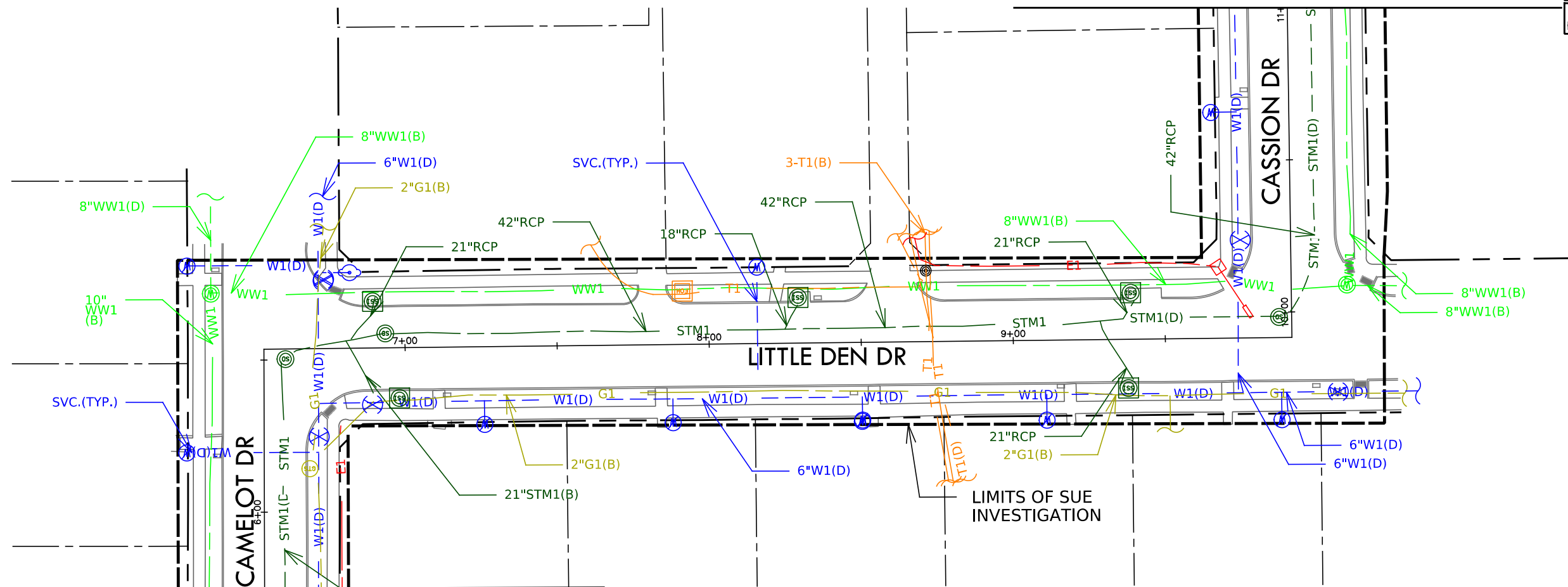


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* NOT FOUND IN THE FIELD AND DRAWN IN PER AS-BUILT DRAWINGS

MATCHLINE STA 11+00



MATCHLINE STA 5+50

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no.	revision	by	date

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scale
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1 inch long
horiz
1"=20'
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N/A
MAY 2025



Professional Engineer
 Duetin C. Ogile
 91101
 5/30/2025

City of Lewisville, Texas
Valley Vista and Poydras
 Existing Utility Plans

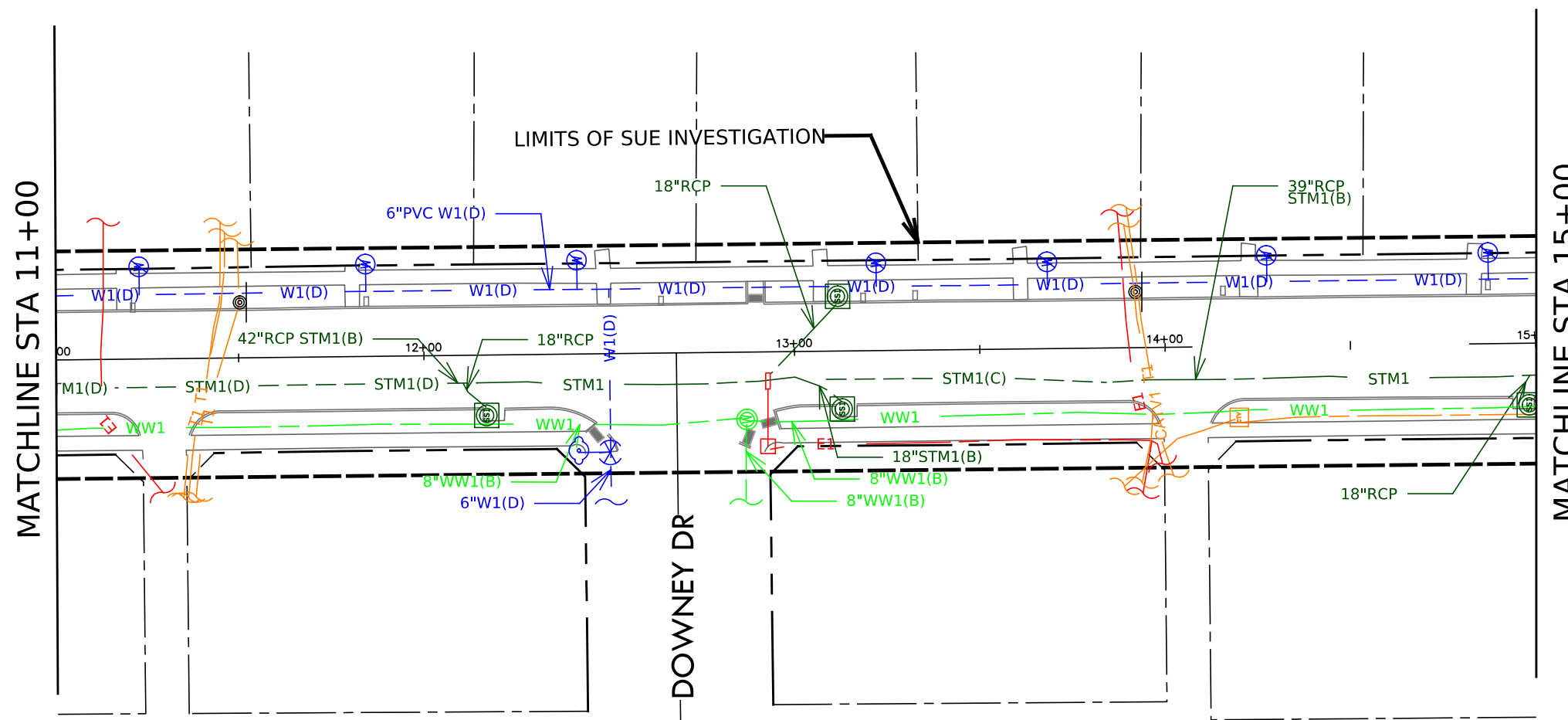
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4
of
6

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GENERAL NOTES:
 1. LOCATING IRRIGATION SYSTEMS OR INDIVIDUAL SERVICES IS OUTSIDE OF SCOPE OF SUE INVESTIGATION.
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 * NOT FOUND IN THE FIELD AND DRAWN IN PER AS-BUILT DRAWINGS

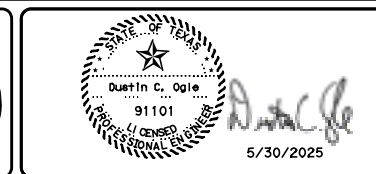


no.	revision	by	date

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 horiz
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 MAY 2025



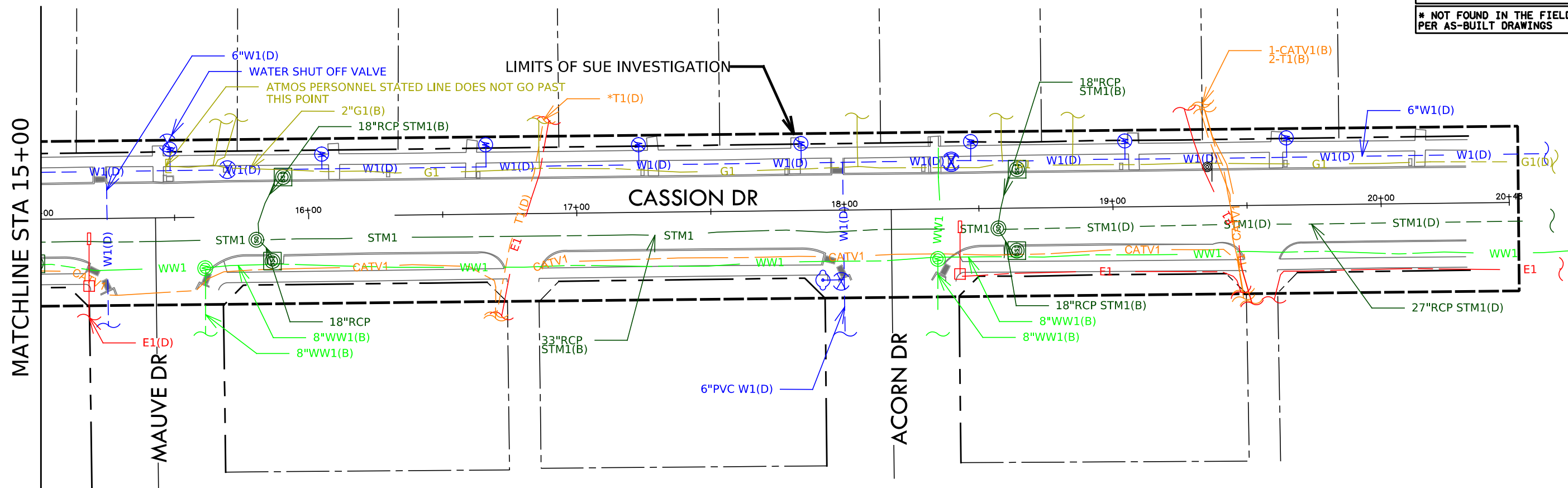
City of Lewisville, Texas
Valley Vista and Poydras
Existing Utility Plans

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SCALE: 1" = 20' HOR.

GENERAL NOTES:
1. LOCATING IRRIGATION SYSTEMS OR INDIVIDUAL SERVICES IS OUTSIDE OF SCOPE OF SUE INVESTIGATION.
2. CONTRACTOR TO VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY SUE ENGINEER OF ANY DISCREPANCIES.
* NOT FOUND IN THE FIELD AND DRAWN IN PER AS-BUILT DRAWINGS



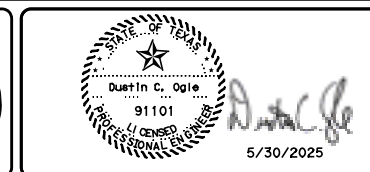
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DATE: 5/30/2025 1:37:06 PM mgonzalez

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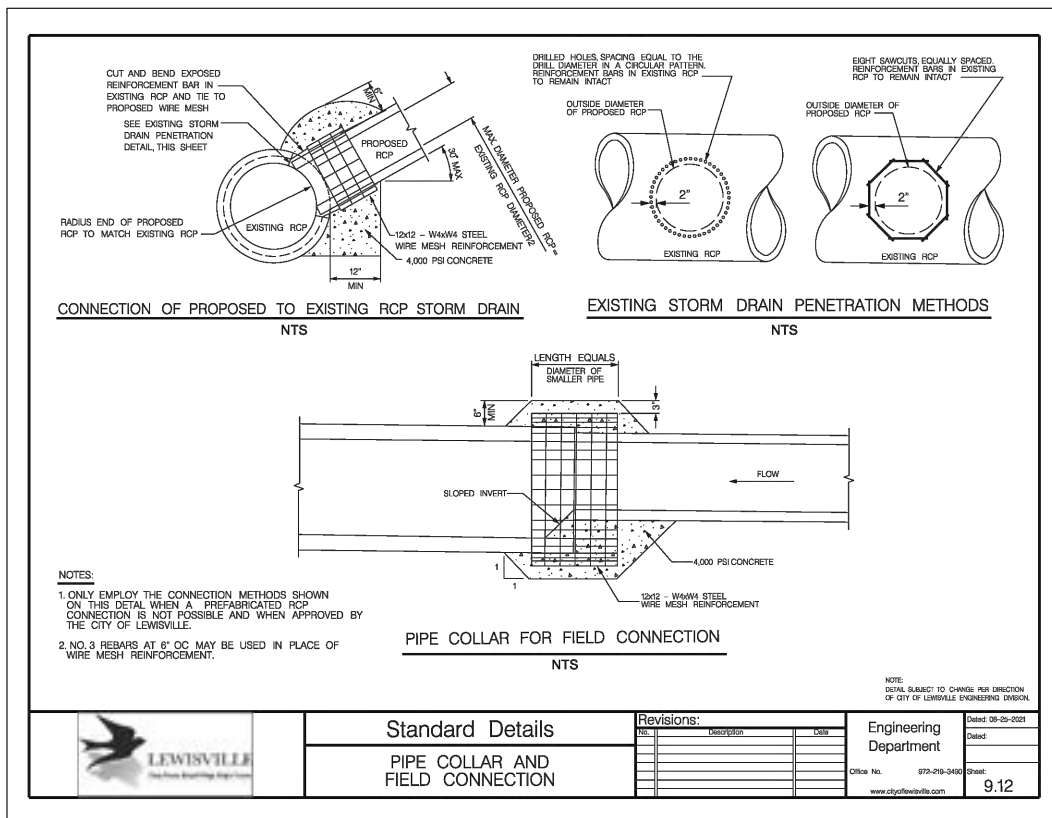
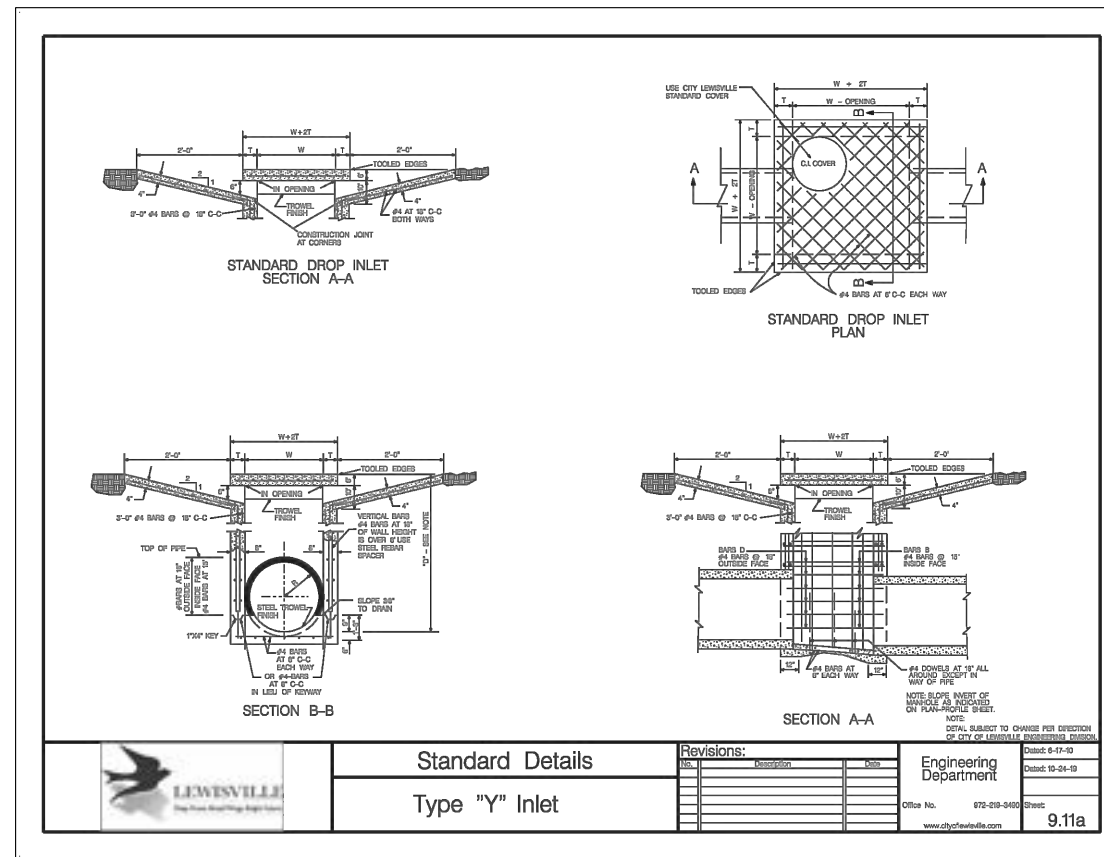
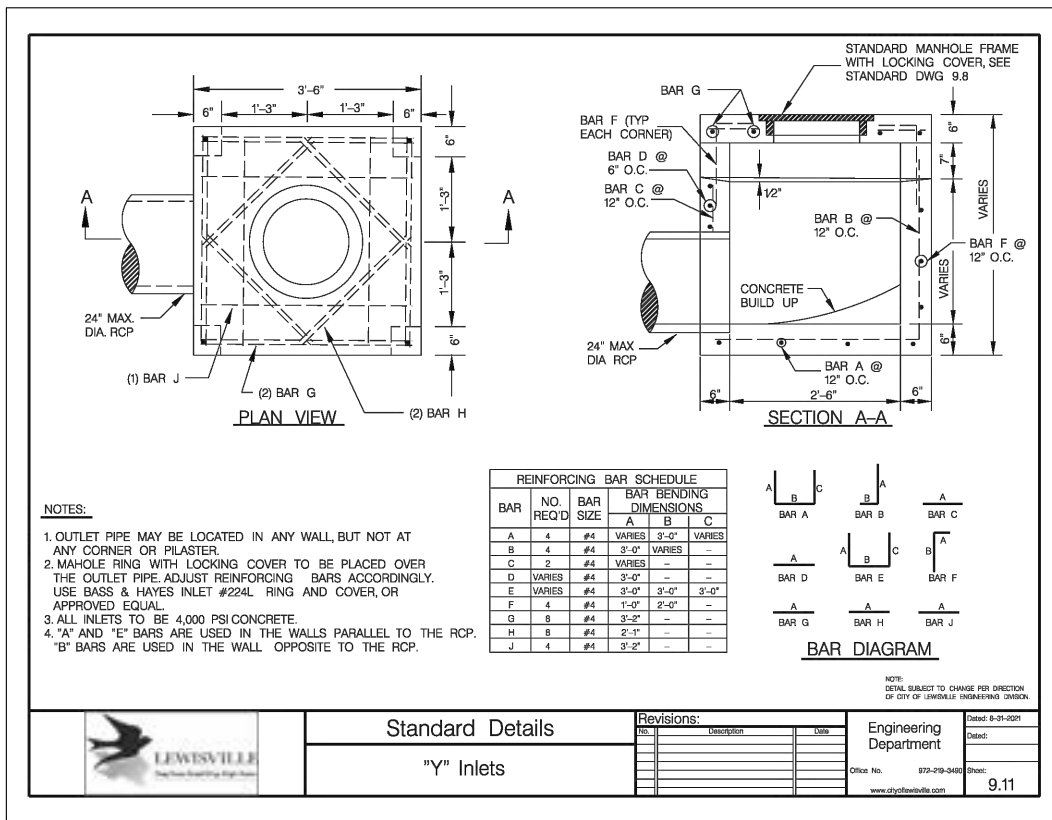


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MAY 2025



City of Lewisville, Texas
Valley Vista and Poydras
Existing Utility Plans

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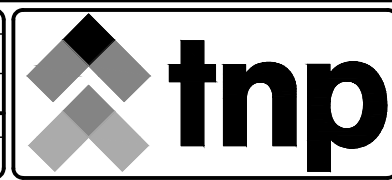
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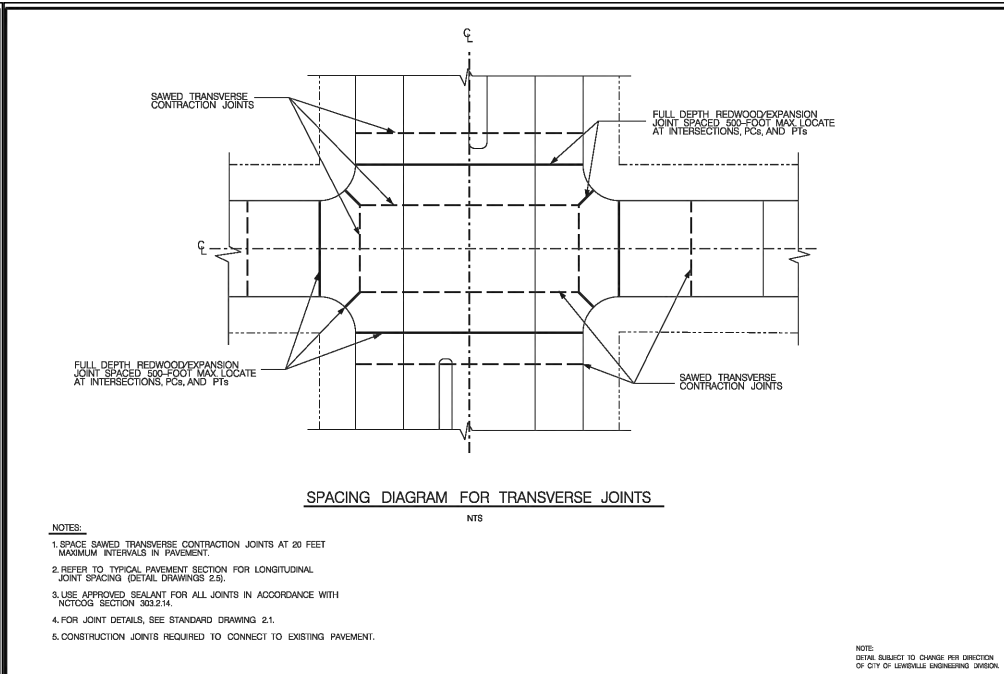
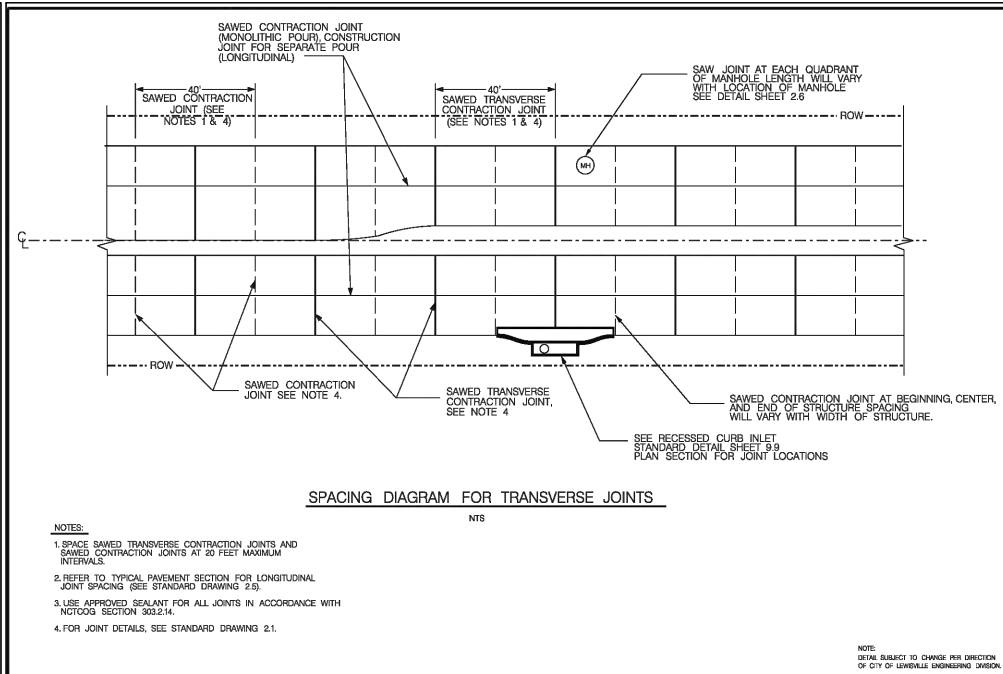
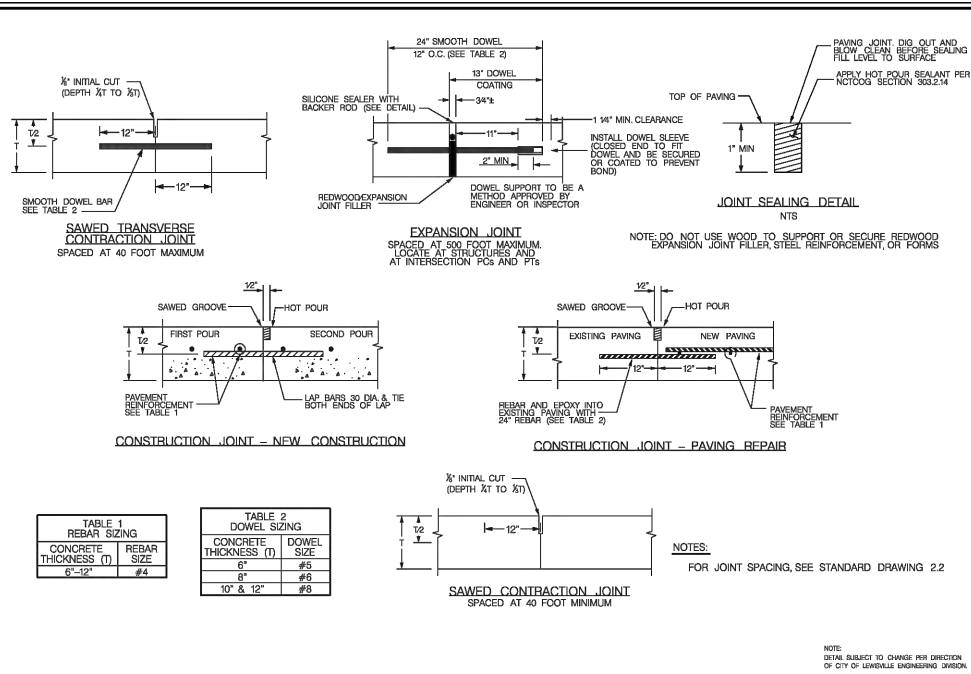


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City of Lewisville, Texas
Drainage Improvements for
Valley Vista and Poydras
Standard Details - 2 of 4

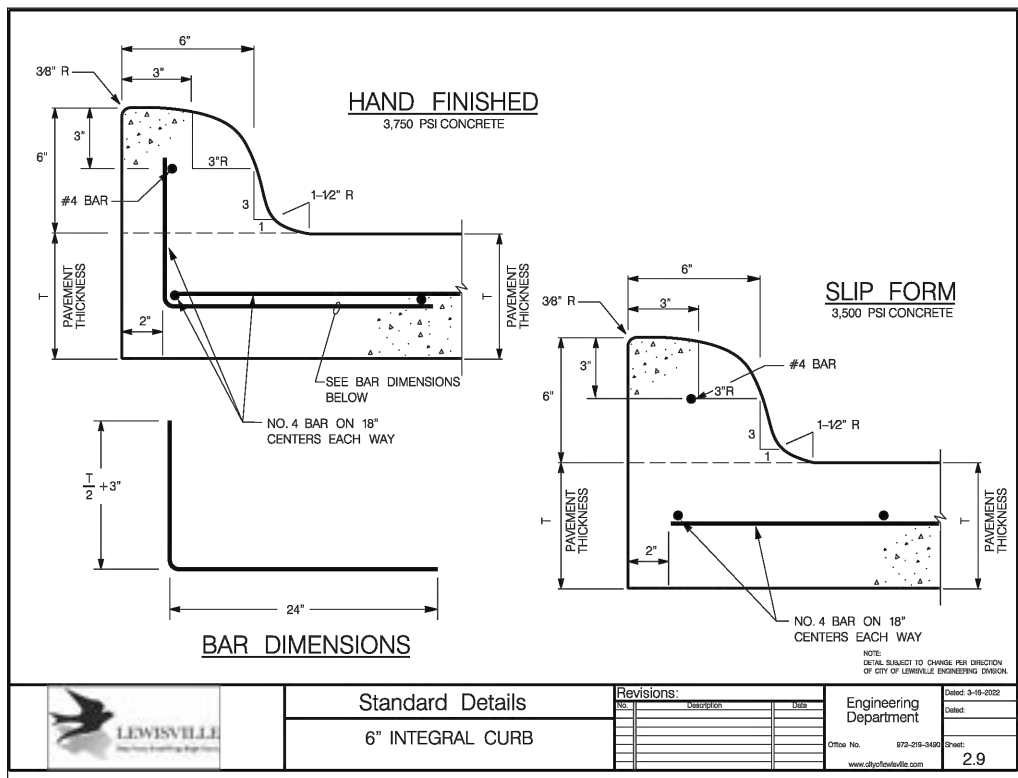
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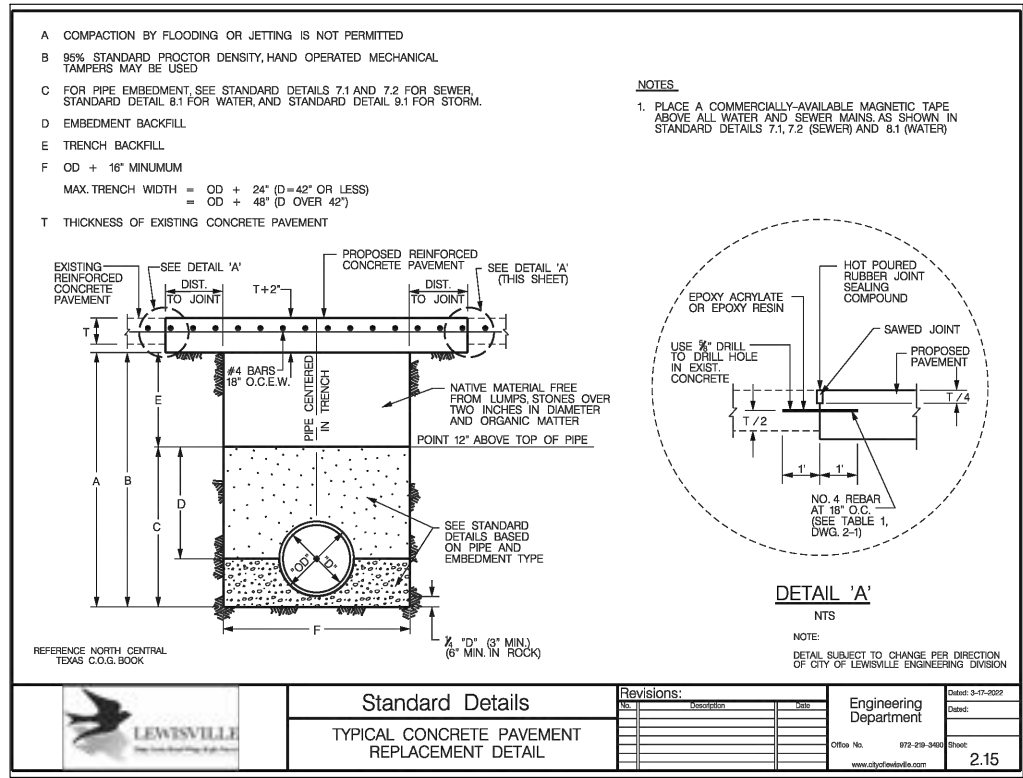
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	REINFORCED CONCRETE JOINTS CONTRACTION, EXPANSION & CONSTRUCTION		Office No. 872-219-3450	Sheet: 2.1

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	REINFORCED CONCRETE PAVEMENT TRANSVERSE JOINT SPACING		Office No. 872-219-3450	Sheet: 2.2

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	REINFORCED CONCRETE PAVEMENT REPLACEMENT DETAIL		Office No. 872-219-3450	Sheet: 2.15

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Standard Details - 3 of 4

City of Lewisville, Texas
Drainage Improvements for
Valley Vista and Poydras
Standard Details - 3 of 4

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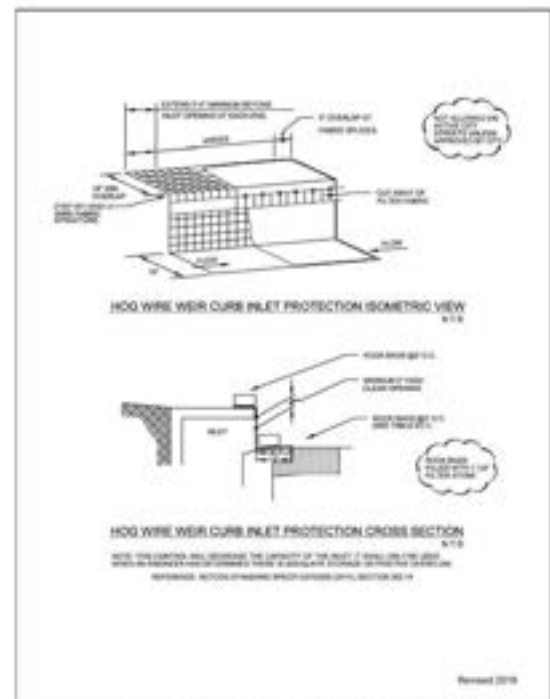


Figure 3.7 Schematics of Hog Wire Weir Curb Inlet Protection
(Source: Modified from City of Round Rock Detail 5-102)

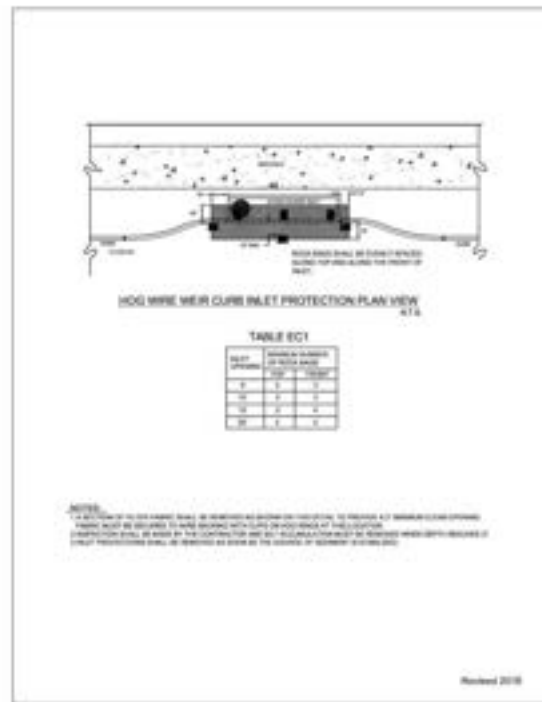


Figure 3.8 Hog Wire Weir Curb Inlet Protection



Figure 3.2 Rock Check Dam Schematic General Notes
(Source: Modified from Stormwater Management Manual for Western States)

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