



AGENDA PLANNING AND ZONING SPECIAL MEETING

JULY 20, 2023 @ 7:00 P.M.

Notice is hereby given: the Planning and Zoning Commission for the City of Parker will hold a Meeting on Thursday, July 20, 2023, at 7:00 P.M. at Parker City Hall, 5700 E. Parker Road, Parker, Texas 75002. The meeting will be open to the public and live streamed.

Pursuant to Texas Government Code § 551.127, notice is given that it is the intent of the Planning and Zoning Commission that a quorum of the Commission will be physically present for the above-referenced meeting at Parker City Hall, 5700 E. Parker Road, Parker Texas. Some Commissioners or City employees may participate in this meeting remotely by means of video conference call in compliance with state law.

CALL TO ORDER – Roll Call and Determination of a Quorum

PLEDGE OF ALLEGIANCE

AMERICAN PLEDGE: I pledge allegiance to the flag of the United States of America; and to the republic for which it stands, one nation under God, indivisible with liberty and justice for all.

TEXAS PLEDGE: Honor the Texas flag; I pledge allegiance to thee, Texas, one state under God, one and indivisible.

PUBLIC COMMENTS The Commission invites any person with business before the Commission to speak. No formal action may be taken on these items at this meeting. Please keep comments to 3 minutes.

INDIVIDUAL CONSIDERATION ITEMS

1. CONSIDERATION OF AND/OR ANY APPROPRIATE ACTION ON PANORAMA STREET PRELIMINARY PLAT, SITUATED IN THE PHILLIP ANDERSON SURVEY, ABSTRACT NO. 10 CITY OF PARKER, COLLIN COUNTY, TEXAS. [MACHADO]

ROUTINE ITEMS

FUTURE AGENDA ITEMS

ADJOURN

In addition to any specifically identified Executive Sessions, the Planning and Zoning Commission may convene into Executive Session at any point during the open meeting to discuss any item posted on this Agenda. The Open Meetings Act provides specific exceptions to the requirement that a meeting be open. Should Commission elect to convene into Executive Session, those exceptions will be specifically identified and announced. Any subsequent action, as a result of this Executive Session, will be taken and recorded in open session.

I certify that this Notice of Meeting was posted on or before July 14, 2023, by 5:00 p.m. at the Parker City Hall, and required by Texas Open Meetings Act (TOMA) is also posted to the City of Parker Website at www.parkertexas.us.

Date Notice Removed

Patti Scott Grey
City Secretary

The Parker City Hall is Wheelchair accessible. Sign interpretations or other special assistance for disabled attendees must be requested 48 hours in advance by contacting the City Secretary's Office at 972 442 6811.



Agenda Item

| | |
|-------------------------------------|---|
| Budget Account Code: | Meeting Date: See above. |
| Budgeted Amount: | Department/ Requestor: P&Z Commission |
| Fund Balance-before expenditure: | Prepared by: ACA/CS Scott Grey for Public Works Director Gary Machado |
| Estimated Cost: | Date Prepared: July 14, 2023 |
| Exhibits: | <ol style="list-style-type: none"> 1. City Engineer John Birkhoff's letter, dated July 13, 2023 2. 2023.06.27_Panorama Street_Full Set 3. Panorama Street Preliminary Plat 4. Panorama Street Preliminary Plat App Notarized 06.28.2023 5. Metes & Bounds 6. 2022 Tax Certificate 7. Scan of Fee Check 8. 2023.06.27_Preliminary Plat App to City of Parker |

AGENDA SUBJECT

CONSIDERATION OF AND/OR ANY APPROPRIATE ACTION ON PANORAMA STREET PRELIMINARY PLAT, SITUATED IN THE PHILLIP ANDERSON SURVEY, ABSTRACT NO. 10 CITY OF PARKER, COLLIN COUNTY, TEXAS. [MACHADO]

SUMMARY

Please review the information provided for Panorama Street Preliminary Plat, situated in the Phillip Anderson Survey, Abstract No. 10 City of Parker, Collin County, Texas.

POSSIBLE ACTION

Planning and Zoning (P&Z) Commission may direct staff to take appropriate action.

| Inter – Office Use | | | |
|--------------------------------|-------------------------|-------|----------------------------|
| Approved by: | Enter Text Here | | |
| Department Head/ Requestor: | <i>Patti Scott Grey</i> | Date: | 07/14/2023 |
| City Attorney: | <i>Amy J. Stanphill</i> | Date: | 07/14/2023 via Municode |
| Public Work Director | <i>Gary Machado</i> | Date: | 07/14/2023 |

BIRKHOFF, HENDRICKS & CARTER, L.L.P.
PROFESSIONAL ENGINEERS

11910 Greenville Ave., Suite 600

Dallas, Texas 75243

Phone (214) 361-7900

www.bhcllp.com

JOHN W. BIRKHOFF, P.E.
GARY C. HENDRICKS, P.E., R.P.L.S.
JOE R. CARTER, P.E.
ANDREW MATA, JR., P.E.

DEREK B. CHANEY, P.E., R.P.L.S.
CRAIG M. KERKHOFF, P.E., CFM
JUSTIN R. IVY, P.E.
COOPER E. REINBOLD, P.E.

July 13, 2023

Mr. Gary Machado
City of Parker
5700 E. Parker Rd.
Parker, Texas 75002

Re: Panorama Street
Preliminary Plat and Engineering Plan Review

Dear Mr. Machado:

As you requested, we have reviewed the Preliminary Plat & Engineering Plans for the Panorama Street Addition prepared by LJA Engineering, Inc. These documents include a new street and is therefore considered a major subdivision under section 155.025 of subdivision ordinance.

Our review of the documents is for general compliance with the City of Parker's development requirements and good engineering practice and does not relieve the engineer of record of his responsibilities under the Texas Engineering Practice Act. Listed below are our review comments.

Adherence to Subdivision Ordinance:

1. 155.049 (B)(1)(b) Requires two means of access, a divided street or provisions to connect to future street extension. This has not been addressed for City action.
2. 155.049 (B)(2) All platted lots to be connected to water line, looped system. A water line is required along the roadway with provision to connect to extension of the water system.
3. 155.049(4) Drainage cannot adversely affect a joining property. Elevated roadway causes potential to back up water to property to the west. No channel design data proved to show water will not back up. Property to the east water is concentrated and not designed for overflow to pass through the adjoining property.
4. 155.049(D) (2) boundary iron pins must be 1 inch in diameter and have a length of 18 inches.
5. 155.049(F) No permanent benchmark is included in the design plans. Details of the benchmark are called for in this section of the subdivision ordinance.
6. 155.052(C)(4) Gregory Lane is required to be upgraded adjacent to this tract.
7. 155.052(18)(C)(b) Street sign is required at Gregory and Panorama. Section 155.052(18)(a) requires the name to be approved by City P&Z.
8. 155.052(C)(13) Reserve strip is not allowed. Strip west side of ROW is not allowed.
9. 155.052(D) The reserve strip west of shown ROW must be Right of way and a drainage channel is required to be designed to convey storm water to point of concentration. Required water line will need to be in the right of way. Place the water line on the east side of shown Right of way.
10. 155.057 Private easement for electrical service (streetlights) is required.
11. 155.052 (15)(a) Streets shall be related approximately to the topography grade and shall conform to as closely as possible to the original topography. The elevated roadway is not acceptable.
12. 155.052(15)(b) Plans must show design speed for the vertical curves.

13. 155.054(A)(1) Provide source and calculations that established the 100-year water surface. Maxwell Creek to the east is a studied reach.
14. 155.054(A)(4) Provide calculations that roadway ditch in Gregory has adequate capacity and free board based on adding additional storm water to this channel. Improve the channel until capacity and freeboard can be achieved. Maxwell Creek is to the east of the proposed improvements.
15. 155.054(B)(1) Provide details of outlet structure that is designed for the 2, 25, 50 and 100 year storm. Include the structural details for a V-notch or stepped weir.
16. 155.054(B)(6) Provide maintenance plan for the retention pond. Address aquatic growth, silt removal plan, mosquito control mowing plan and permanent erosion control measures.
17. 155.051 Provide photometrics for street lights proposed and details for shield to keep light from adjoining properties.
18. 155.054(A)(3)(d) Include in erosion control methods requirements of this section of the subdivision ordinance including watering and fertilizing schedule.
19. 155.027(f)(v) Provide method to undercut rock if encountered place topsoil to establish vegetation.
20. 155.052 (17) Cul de Sac streets shall not be longer than 600 feet. The length of this street exceeds this requirement.

General Comments and Good Engineering Practice

21. Include in all reference to City standard "North Central Council of Governments Texas Standard Specifications for Public Works Construction".
22. Sheet numbering references 35 sheets, but there are 39 sheets in the set of plans.
23. Sheet 1 add Note 5 for contractor to notify the City and City Inspector of all construction activities with a weekly look ahead.
24. Preliminary Plat needs to include all easements by plat and not by separate instruments.
25. Provide Lot and Block Number, appears it would be Block 1 Lot 1.
26. Call out Gregory Lane as a Private Road.
27. Call out Retention Ponds as North Retention Pond and South Retention Pond (throughout plan set).
28. The Collin County Municipal Utility District No. 7 does not exist. Remove reference from plat.
29. Sheet 4 Provide details of new fences being proposed. Add note how to protect livestock when existing fences are removed.
30. Provide TCEQ documents for the plugging of the water well. Provide notes to the method and requirements for the plugging of the water well.
31. Sheet 5 The contours do not reflect the roadway cross section. The 6-inch curbs are missing.
32. Sheet 5 All structural designs must be included in the construction plans. Your note by others is not acceptable. Designs must be completed by a Professional Engineer licensed in the State of Texas and be part of this set of construction plans.
33. Sheet 8 In order for lime treatment to be permanent you must specify optimum lime. Include in note to run lime series testing every 150 feet, adjust application rate and provide all test reports to the city inspector as the process proceeds.
34. Sheet 9 Do not taper reinforced concrete to zero, at return to Gregory, as it will prematurely fail. Cut into Asphalt 18 inches and have an 18-inch-wide section to end to the pavement section. Fill between existing asphalt pavement and new concrete (transition section) with minimum 6 inches of asphalt (Type D) mechanically compacted in 2-inch lifts. Alternatively butt up to existing asphalt pavement with the 18-inch-wide concrete section and then place the asphalt transition section 12 to 18 inches into Gregory.
35. Sheet 9 Taper 6-inch monolithic curb down to zero as it approaches the existing asphalt section that does not have curbs. Need to avoid a road hazard on Gregory Lane.
36. Sheet 9 the proposed grade (solid line) stops at station 16+39.72 about 30 feet short of the existing paving shown as a dashed line.
37. Sheets 11 Cross section shows trapping water and a channel. Provide the channel grade sections and capacity on the west side of the roadway.

38. Sheet 14 shows overflows from the retention ponds that discharge through property with no designed channel to reach Maxwell Creek. Positive overflow channel must be paved. Drainage easement required. Appears the North Retention pond should overflow into Gregory drainage ditch (Improved) and not through the middle of the adjacent property owner's property.
39. The storm drainage calculations show inefficiency of the system and creates a large number of inlets that are not needed. Allow run by to minimize inlets.
40. Sheet 16 The storm sewer system must be self-cleaning. In order to accomplish this a minimum of 2 feet per second must be achieved in all pipe segments.
41. Sheet 19 Eliminate bends in the storm sewer system and utilize radius pipe. Eliminate 90 degree turns in the storm sewer system.
42. Sheet 19 Provide a handrail detail for the called pedestrian rail.
43. Sheet 19 Provide depth of the rock rip rap. Include geotextile fabric as the foundation for the rip rap. Call out type of fabric proposed. Detail calls out for grouted rip rap and that will be required. Provide method for contractor to complete the grouted rip rap. Last few projects the grouting was of poor workmanship and concrete rip rap was utilized to solve the poor workmanship.
44. Sheet 19 It is unclear how the outfall of Culvert 2 conveys storm water to the existing channel as the proposed and existing contours are not tied together.
45. Sheet 19 there appears to be footers at the outfall, but no dimensions or callouts are provided.
46. Sheet 19 Culvert 2 cross section shows a curb leave out that is not called out in the plan view.
47. Sheet 20 Show depth of rip rap and geotextile fabric as foundation.
48. Sheet 20 Culvert 3 section does not correspond to what is called out in the plan view.
49. Sheet 20 Provide ASTM call out for RCP.
50. Sheet 20 Utilize radius pipe and eliminate bends.
51. Sheet 20 show footer at end of SD6.
52. Sheet 20 The call out in plan view for SD6 and Lateral 6B appear reversed to correspond with the section.
53. Sheet 21 Provide ASTM call out for RCP.
54. Sheet 21 Utilize radius pipe and not bends.
55. Sheet 21 Provide footer on headwalls.
56. Sheet 22 Utilize radius pipe and not bends. Eliminate 90-degree configuration of storm sewer.
57. Sheet 22 Call out ASTM and Class of RCP pipe.
58. Sheet 22 Provide footers on headwalls.
59. Sheet 23 Call out ASTM and class of RCP pipe.
60. Sheet 23 Utilize radius pipe and eliminate bends.
61. Sheet 23 Utilize pipe wyes and not junction boxes for inlet laterals.
62. Sheet 24 SD4 reorientate to discharge normal to the flow of the channel it discharges into.
63. Sheet 24 SD5 Eliminate bends, utilize radius pie of orientate pipe at angle out of drop inlet to pond.
64. Sheet 24 Call out ASTM and class of RCP pipe.
65. Show footers on headwalls.
66. Sheet 29 Utilize radius pipe and eliminate bends in the storm sewer pipe.
67. Sheet 29 Explain how overflow functions. How can it be lower than the 100-year water surface you are detaining?
68. Sheet 29 Show the freeboard in the elevation sections of the pond.
69. Sheet 29 Show drainage easement on adjacent tract that is required to convey flow from the overflow. Provide calculations to contain flow from overflow structure.
70. Sheet 29 Show and dimension the keyway associated with the berm being constructed.
71. Sheet 29 Provide the outlet structure for the North Pond. Vee Notch or Stepped weir must be designed for the 1, 25, 50 and 100-year storms.
72. Sheet 29 Provide the depth of the rock rip rap and the geotextile fabric foundation.
73. Sheet 30 Utilize radius pipe and eliminate pipe bends in the storm sewer pipe.
74. Sheet 30 Provide the depth of the rock rip rap and the geotextile fabric as foundation.

75. Explain how overflow functions. How can it be lower than the 100-year water surface you are detaining?
76. Sheet 30 Show the freeboard in the in the elevation sections of the pond.
77. Sheet 30 Show and dimension the keyway associated with the berm being constructed.
78. Sheet 30 Provide the outlet structure for the South Pond. Vee Notch or Stepped Weir must be designed for the 1, 25, 50 and 100-year storm.
79. Sheet 30 Outlet pipe from the pond must be normal to the receiving channel.
80. Sheet 31 Remove fire lane markings as this is a city street.
81. Sheet 31 Provide Dead End street sign at Gregory Lane, having at end of the street is too late to advise the public.
82. Sheet 31 Provide detail of sign and post. Include setting post in concrete.
83. Sheet 31 Remove no parking signs along city street.
84. Sheet 31 Provide street signs at the intersection of Gregory and Panorama. Include detail of sign and post. Set post in concrete.
85. Sheet 32 Provide in notes method to establish vegetation as set forth in subdivision comments. Provide notes on how to place curlex. Contractors without instructions continue to fail at this task.
86. Sheet 32 Provide note on what contractor is to do if they encounter rock in the excavation and how to undercut, import topsoil, compact and establish vegetation. Consider pinned solid sod on slopes.
87. Sheet 33 Acres stated in notes conflicts with Acres on plat.
88. Sheet 33 Note 5 needs to remove the engineering division and be replaced with Public Works and City Inspector.
89. Sheet 33 Provide rock check dams at outfalls from the ponds prior to flow being conveyed to adjoining property. Consider rock check dams at inlet to culverts to minimize desilting pond prior to acceptance by the city.
90. Sheet 34 Driveway approach and Street Headers at railroads do not apply. There are no driveways proposed off the street and there are no railroads in the City of Parker.
91. Sheet 36 Sloped headwall detail needs to include geotextile fabric under rock. This detail does not match what is called out in the plan set?
92. Sheet 36 Modify manhole detail to show City of Parker on manhole cover.

General Notes

93. General Note 3 include ATMOS Gas in list of franchise Utilities you want contractor to contact.
94. General Note 8 Specifically call out for repairs to the substandard street Gregory Lane and Gray Lane. Suggest you include haul route through city to this site. Include damage to Public property as part of this note.
95. General Note 11 Include that those documents be made available to the City Inspector at all times.
96. General Note 12 Include City of Parker as part of approval process for change order that change the construction plans and specifications.
97. General Note 13 Change City Engineer to City Public Works.
98. General Note 15 Remove as no buildings are being proposed.
99. General Note 20 Remove as no work is being proposed in TxDot ROW.
100. General Note 21 Add to note that City of Parker will determine damage and determine acceptability of repair method or replacement. Completed repair or replacement work shall be subject to approval of the City of Parker.
101. General Note 27 Provide the referenced Rone geotechnical report in your next submittal.
102. Paving Note 1 Include reference to North Texas Council of Governments Standard Specifications.
103. Paving Note 2 Provide the testing frequency and what test are expected to be completed. Indicate which ones the City Inspector needs to be present for.
104. Paving Note 7 Remove as there are no parking lots proposed.
105. Paving Note 10 Remove, no pavement marking on the public street is required or desired by the city.
106. Paving Note 11 Remove no sidewalks are proposed.

- 107. Paving Note 14 Remove no parking being provided. Construction plans show no parking signs.
- 108. Add to paving note timing to complete sawed dummy joints in the green concrete. Spalled sawed dummy joints will be rejected and slabs will need to be repoured. Add note that any new slabs that crack will be rejected, and new slabs will be required.
- 109. Grading Note 4 Revise note as no buildings are being proposed.
- 110. Grading Note 7 Provide the referenced Terracon geotechnical report in next submittal.
- 111. Grading Note 10 The plans are not clear on where fill comes from for the embankment. Provide clarification as this note requires the contractor to balance the cut and fill. The embankment requirements are unknown and if rock is encountered how does this work with the embankment.
- 112. Grading note 12 Modify note to remove building pads and include structural plans as called for in the plans by others.
- 113. Grading Note 12 Excess material excavated shall be removed from the site. Do not allow random spreading of spoil materials once design grades are established.
- 114. Grading Note 14 does not make sense if you are lime treating the subgrade. Lime should be used with clay material only.
- 115. Grading Note 16 Why would you remove rock to bring in clay material? What do the soil boring you referenced in the notes tell you what will be encountered. Most of the road you propose is in a fill section.
- 116. Grading Note 17 Modify note to clearly state compactive effort is my mechanical means.

Storm Sewer Notes

- 117. Drainage Note 2 The plans do not call out any laterals to be plugged. Why is a plumber required to plug the laterals?
- 118. Drainage Note 5 Revise note to include North Central Texas Council of Governments Standard Specifications for Public Works Construction.

Platting

- 119. 155.027 (1) (a) & 155.027 (m) Provide closure calculations.
- 120. 155.027 (1) (d) (3) Show all easements shown on plat. No separate instruments except for offsite easements.
- 121. 155.027 (i) Provide name of subdivision.
- 122. 155.027 (o) Entry easement required.
- 123. 155.027 (5) Show required waterline.

Draining Design

- 124. Maintenance ramps are required for all ponds. Minimum width of 10-feet with a maximum slope of 15%. Provide driveway along Panorama.
- 125. Standing water will create a nuisance and mosquito problem. Recommend an aerator for the retention ponds, maintained by other than the City.
- 126. Grading contours do not connect to existing.
- 127. Verify downstream capacity exists in the alignment of the proposed discharges.
- 128. Pond outfalls are not adequate as they are creating adverse conditions by establishing point discharge where one does not exist today. Provide a downstream assessment through the zone of influence.
- 129. Ponds are required to have a 10-foot crown width.
- 130. Install guard rail, or other safety device, where steep drop-off is proposed at the south headwall.

131. The proposed system shows submerged outlets, deeper than required. This will create large amounts of standing water in the pipes. Maintenance of the lines will be problematic for the City. Revise the design so as the system can be maintained.
132. Maximum discharge velocity is 8 feet-per-second.
133. Top of Wye Inlet on SD5 is below the normal pool elevation of the pond. The pond will drain via this inlet.
134. Clearly label what is considered the primary outlet of the ponds and the emergency.
135. A calculation summary for the pond hydrographs shall be provided on the plans. Submit a separate report to the City for review including routing calculations used to demonstrate that the stage volume and outlet structure configuration are adequate.
136. On the drainage area map, clearly show the pre-developed and post developed run-off rate at the point of discharge.
137. Cross-sections on sheets 29 and 30 are difficult to read. Provide additional detail and labels.
138. Revise the orientation of the southern retention pond to convey discharge in the direction of the flow and not at a 90-degree angle creating an erosive condition.
139. Provide a channel profile and cross-sections of the drainage to the west of the proposed roadway. The adjacent property cannot be utilized as part of the proposed channel without a drainage easement. Include hydraulic calculations on the profile and cross-sections.
140. Show the proposed drainage easements downstream until adequate outfall is determined. Easements shall extend 10-feet beyond the top of bank on each side.
141. Revise inlet calculations to show the required 50% reduction of capacity for a drop inlet.
142. (1) is shown as a notation on the storm pipe calculations but is not included in the legend.
143. For each culvert, extend the survey information on the profile 200-feet upstream and downstream of the culvert so that the channel alignment is evident.
144. Culverts that could become part of a closed pipe system are required to be designed to handle a fully developed drainage area. It is likely the large lot to the west will eventually be redeveloped.

We are available at your convenience to discuss our findings.

Sincerely,

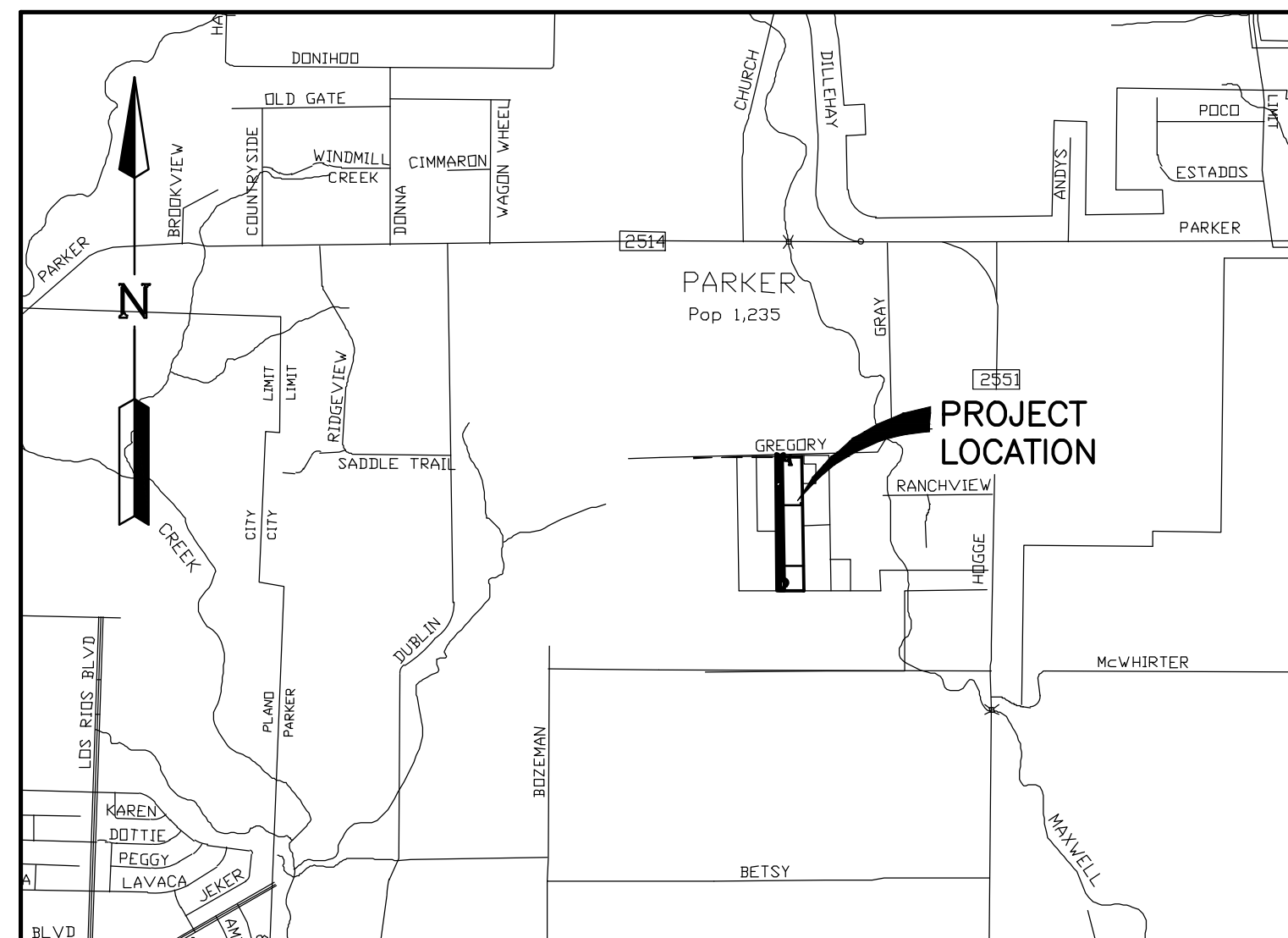


John W. Birkhoff, P.E.

JUNE 2023

NOTES:

1. ALL CONSTRUCTION MATERIALS AND METHODS SHALL BE IN ACCORDANCE WITH THE CITY OF PARKER STANDARDS AND SPECIFICATIONS.
2. THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS WERE OBTAINED FROM AVAILABLE RECORDS AND ARE APPROXIMATE. NEITHER THE OWNER, DEVELOPER, NOR ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE REQUIRED TO TAKE ANY PRECAUTIONARY MEASURES TO PROTECT ALL LINES SHOWN AND /OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL FRANCHISE AND CITY UTILITIES PRIOR TO CONSTRUCTION.
3. ANY CONTRACTOR PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE THEMSELVES WITH THE SITE AND SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO ANY EXISTING FACILITY RESULTING DIRECTLY OR INDIRECTLY FROM THEIR OPERATIONS. ANY REMOVAL OR DAMAGE TO EXISTING FACILITIES SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AT THEIR EXPENSE.
4. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION WITH THE DEVELOPER.



VICINITY MAP
1" = 2000'

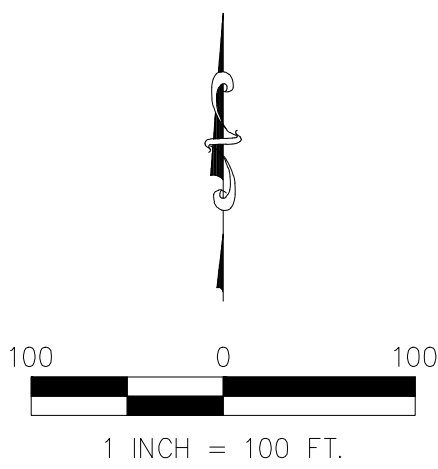
ENGINEER:
LJA Engineering, Inc.

Phone 469.621.0710

FRN - F-1386

1. COVER SHEET
2. PRELIMINARY PLANT
3. GENERAL NOTES
4. DEMOLITION PLAN
5. GRADING PLAN
6. GRADING PLAN
7. GRADING PLAN
8. PAVING PLAN & PROFILE - PANORAMA STREET
9. PAVING PLAN & PROFILE - PANORAMA STREET
10. OVERALL SECTIONS PLAN
11. CROSS SECTIONS - STA 0+00 TO 14+00
12. CROSS SECTIONS - STA 15+00 TO 16+50
13. EXISTING DRAINAGE AREA MAP
14. POST-DEVELOPMENT DRAINAGE AREA MAP
15. DRAINAGE CALCULATIONS
16. DRAINAGE CALCULATIONS
17. DRAINAGE CALCULATIONS
18. DRAINAGE CALCULATIONS
19. STORM DRAIN PLAN & PROFILE - CULVERT 1 & CULVERT 2
20. STORM DRAIN PLAN & PROFILE - CULVERT 3 & SD 6
21. STORM DRAIN PLAN & PROFILE - SD 1, LAT 1B, LAT 1C
22. STORM DRAIN PLAN & PROFILE - SD 2 & LAT 2B
23. STORM DRAIN PLAN & PROFILE - SD 3 & LAT 3B
24. STORM DRAIN PLAN & PROFILE - SD 4 & SD 5
25. STORM DRAIN PLAN & PROFILE - LAT 1D, 1E, 1F, 2C, 2D, 2E, 2F, & 2G
26. STORM DRAIN PLAN & PROFILE - LAT 2H, 2J, 2K, 2L, 2M, 3C, 3D, & 3E
27. STORM DRAIN PLAN & PROFILE - LAT 3F, 3G, 3H, 3J, 3K, 3L, 3M, & 3N
28. STORM DRAIN PLAN & PROFILE - LAT 3P, 3Q, & 3R
29. DETENTION PLAN - NORTH POND
30. DETENTION PLAN - SOUTH POND
31. STREET LIGHT AND SIGNAGE PLAN
32. EROSION CONTROL PLAN
33. EROSION CONTROL DETAILS
34. PAVING DETAILS
35. STORM DETAILS
36. STORM DETAILS
37. STORM DETAILS
38. STORM DETAILS
39. STORM DETAILS

| | |
|--|--|
| <p style="text-align: center;"><u>PRELIMINARY</u></p> <p>THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW</p> <p>UNDER THE AUTHORITY OF VERONICA B. HADLEY, TEXAS P.E. #143748 ON 06 27 2023</p> <p>THIS DOCUMENT IS NOT TO BE USED FOR THE PURPOSES OF CONSTRUCTION.</p> | <p>LJA PROJECT ID NT561-0133</p> |
| | <p>DATE: JUN 2023</p> |
| | <p>DESIGN: MARTINEZ</p> |
| | <p>DRAWN: MARTINEZ</p> |
| | <p>SCALE</p> <p>HORZ: N/A</p> <p>VERT: N/A</p> |



| LINE | BEARING | DISTANCE |
|------|-------------|----------|
| L1 | N45°36'12"W | 14.20' |
| L2 | N89°38'00"E | 80.00' |
| L3 | S44°23'48"W | 14.08' |
| L4 | S89°55'37"W | 60.01' |

- | | |
|---------------|--------------------------|
| LEGEND | |
| ○ | CAPPED IRON ROD SET |
| — | IRON ROD FOUND |
| ⊙ | WATER WELL |
| O.P.R.C.T.T. | CITY OF PUBLIC RECORDS, |
| | COLLIN COUNTY, TEXAS |
| INST. # | INSTRUMENT NO. |
| (CM) | CONTROLLING MONUMENT |
| — — — — | EXISTING GRADE |
| — — — — | PROPOSED GRADE |
| — — — — | STORM DRAIN |
| — — — — | PROPOSED EASEMENTS |
| — — W — — | EXISTING 8" WATERLINE |
| — — — — — | PROPOSED EROSION CONTROL |

**GREGORY LANE
(A VARIABLE WIDTH RIGHT-OF-WAY)**

APPROX. LOCATION OF SURVEY LINE

TO APPROX. SURVEY CORNER 1/2" IRF

S89°50'43"W - 2628.50'

S89°38'00"W - 10.03'

40'x66' METAL BARN

ROAD DRAINAGE EASEMENT (BY SEPARATE INSTRUMENT)

LOT 1 BLOCK 1

CASA PRADERA ADDITION
INST.#20080301010000960
O.P.R.C.C.T.

20'x20' METAL BARN

PANORAMA STREET (60' RIGHT-OF-WAY)

GREGORY LANE LLC
INST.#20081031001284570
O.P.R.C.C.T.

WILLIAM C. AND KATHERINE CALABRIA HARVEY
JOINT GRANTORS TRUST
INST.#2011028001162290
O.P.R.C.C.T.

WILLIAM C. AND KATHERINE CALABRIA HARVEY
JOINT GRANTORS TRUST
INST.#2011028001162290
O.P.R.C.C.T.

GORDON A. & DIANE L. VIERE
INST.#2022000149750
O.P.R.C.C.T.

CITY OF PARKER

CITY LIMITS LINE

COLLIN COUNTY

POINT OF BEGINNING

HARRINGTON/TURNER ENTERPRISES LP
INST.#20081014001223870
O.P.R.C.C.T.

| LINE | BEARING | DISTANCE |
|------|-------------|----------|
| L1 | N45°36'12"W | 14.20' |
| L2 | N89°38'00"E | 80.00' |
| L3 | S44°23'48"W | 14.08' |
| L4 | S89°55'37"W | 60.01' |

STATE OF TEXAS)
COUNTY OF COLLIN)

TO BE KNOWN AS:

PANORAMA STREET

GREGORY LANE, LLC
A TEXAS LIMITED LIABILITY COMPANY

BY: _____
NAME: MARGARET E. TURNER
TITLE: DIRECTOR

STATE OF TEXAS)
COUNTY OF _____)

BEFORE ME, THE UNDERSIGNED AUTHORITY, A NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS, ON THIS DAY PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSE AND CONSIDERATION THEREIN EXPRESSED AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS THE ____ DAY OF _____, A.D. 2023

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

MY COMMISSION EXPIRES: _____

SURVEYOR'S CERTIFICATE

I, AARON C. BROWN, REGISTERED PROFESSIONAL LAND SURVEYOR, DO HEREBY CERTIFY THAT THE PLAT SHOWN HEREON DOES ACCURATELY REPRESENT THE PROPERTY AS DETERMINED BY AN ON THE GROUND SURVEY, MADE UNDER MY DIRECT SUPERVISION, AND THAT ALL CORNERS ARE AS SHOWN.

PRELIMINARY, THIS DOCUMENT SHALL NOT BE RECORDED FOR
ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED
UPON AS A FINAL SURVEY DOCUMENT

AARON C. BROWN
REGISTERED PROFESSIONAL LAND SURVEYOR
TEXAS REGISTRATION NO. 6702

DATE: _____

A
PRELIMINARY PLAT
OF

PANORAMA STREET

2.275 ACRES

SITUATED IN THE
PHILLIP ANDERSON SURVEY, ABSTRACT NO. 10
CITY OF PARKER, COLLIN COUNTY, TEXAS

OWNER/DEVELOPER:

GREGORY LANE, LLC
3510 DUBLIN RD
PARKER, TX 75002-6516

ENGINEER/SURVEYOR:

LJA Surveying, Inc.

3017 W 7TH STREET,

Fort Worth, Texas 76107

Phone 817.288.1900

T.B.E.P.L.S. Firm No. 10194382

THIS PLAT FILED IN _____

JUNE 2023

Doc\Time : Tue, 27 Apr 2023 : 10:55:56\User Name : hrcatinez
PAN\Nura - SANITARY - 4001-340ND\425 - Design - Files\Access - Road\A\1336D\GN01.dwg

GENERAL CONSTRUCTION NOTES

- ALL MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE CITY OF PARKER TEXAS COUNCIL OF GOVERNMENTS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. IN THE EVENT THAT AN ITEM IS NOT COVERED IN THE CONSTRUCTION DOCUMENTS THE CITY'S DECISION WILL APPLY.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE APPROVING AUTHORITIES, SPECIFICATIONS AND REQUIREMENTS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE UNDERGROUND OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION. AN INFORMAL LIST OF UTILITY COMPANIES ARE AS FOLLOWS:
ONCOR ELECTRIC, ATTN: DANNY KILCREASE (903) 715-5589
COSERV, ATTN: ANDREW BAXTER, (940) 270-6846
CHARTER, ATTN: DILON SCOTT, (682) 308-7676
- THE CONTRACTOR SHALL CONTACT ALL FRANCHISE UTILITY COMPANIES TO HAVE THEM LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION AND DEPTH OF ALL FRANCHISE UTILITY SERVICES AND ANY REQUIRED RELOCATION AND/OR EXTENSIONS. SERVICES SHOWN ON THE PLANS ARE CONCEPTUAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PUBLIC UTILITIES IN THE CONSTRUCTION OF THIS PROJECT. ALL MANHOLES, CLEANOUTS, VALVE BOXES, FIRE HYDRANTS, ETC., 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.
- 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 IS INCIDENTAL TO THE VARIOUS PAY ITEMS FOR INSTALLATION OF PIPE.
- THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF 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 THEIR EXPENSE. THE ENGINEER SHALL BE NOTIFIED WHEN PROPOSED FACILITY GRADES CONFLICT WITH EXISTING UTILITY GRADES.
- THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY PHYSICAL DAMAGE TO PRIVATE PROPERTY, INCLUDING, BUT NOT LIMITED TO FENCES, WALLS, PAVEMENT, GRASS, TREES, 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.
- 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.
- COMPLIANCE WITH LAWS: THE CONTRACTOR SHALL FULLY COMPLY WITH ALL LOCAL, STATE AND FEDERAL LAWS, INCLUDING ALL CODES, ORDINANCES AND REGULATIONS APPLICABLE TO THIS CONTRACT AND THE WORK TO BE DONE THEREUNDER, WHICH EXIST OR WHICH MAY BE ENACTED LATER BY GOVERNMENTAL BODIES HAVING JURISDICTION OR AUTHORITY FOR SUCH ENACTMENT. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, IMPACT AND INSPECTION FEES, ANY CITY FEES AND LICENSES NECESSARY FOR THE EXECUTION OF THE WORK AND SHALL FULLY COMPLY WITH ALL THEIR TERMS AND CONDITIONS. WHEREVER THE WORK UNDER THIS CONTRACT REQUIRES THE OBTAINING OF PERMITS FROM THE CITY OF PARKER OR OTHER PUBLIC AUTHORITIES, DUPLICATE COPIES OF SUCH PERMITS SHALL BE FURNISHED TO THE ENGINEER BY THE CONTRACTOR HEREUNDER BEFORE THE WORK COVERED THEREBY IS STARTED. NO WORK WILL BE ALLOWED TO PROCEED BEFORE SUCH PERMITS ARE OBTAINED. ALL WORK REQUIRED UNDER THIS CONTRACT SHALL COMPLY WITH ALL REQUIREMENTS OF LAW, REGULATION, PERMIT OR LICENSE. IF THE CONTRACTOR FINDS THAT THERE IS A VARIANCE, HE SHALL IMMEDIATELY REPORT THIS TO THE DEVELOPER FOR RESOLUTION.
- THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS, COPIES OF ANY REQUIRED CONSTRUCTION PERMITS, EROSION CONTROL PLANS, SWPPP AND INSPECTION REPORTS.
- ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER. NO CONSIDERATION WILL BE GIVEN TO CHANGE ORDERS FOR WHICH THE OWNER AND ENGINEER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM.
- ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE ARCHITECT, CIVIL ENGINEER AND CITY ENGINEER OF RECORD DIRECTLY FROM THE TESTING AGENCY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF TEXAS DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS WILL BE THE CONTRACTOR'S RESPONSIBILITY.
- ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES, JURISDICTIONAL AGENCIES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICES.
- CONTRACTOR SHALL VERIFY BENCHMARKS AND DATUM PRIOR TO COMMENCING CONSTRUCTION OR STAKING OF IMPROVEMENTS.
- CONTRACTOR SHALL THOROUGHLY CHECK COORDINATION OF CIVIL, LANDSCAPE, MEP, ARCHITECTURAL, AND OTHER PLANS PRIOR TO COMMENCING CONSTRUCTION. OWNER AND ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO COMMENCING WITH CONSTRUCTION.
- ALL HORIZONTAL DIMENSIONS GIVEN ARE TO BACK OF CURB AND TO PIPE CENTERLINES UNLESS OTHERWISE NOTED ON PLANS.
- UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE THE CIVIL ENGINEER A COPY OF AS-BUILT PLANS IDENTIFYING ALL DEVIATIONS OR VARIATIONS FROM THE ORIGINAL PLANS.
- ALL WORK ON STATE RIGHT OF WAY (ROW) SHALL COMPLY WITH THE TXDOT PERMIT PROVISIONS AND TXDOT STANDARDS.
- ALL EXISTING PAVEMENT, ADJACENT UTILITIES, STRUCTURES, ETC., DISTURBED AS A RESULT OF THE NEW CONSTRUCTION, SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- ALL WORK REQUIRED BY THESE PLANS SHALL BE CONDUCTED IN CONFORMANCE WITH CURRENT SAFETY CODES AND STANDARDS WITH JURISDICTION OVER THIS PROJECT.
- CLEAN-UP FOR FINAL ACCEPTANCE: THE CONTRACTOR SHALL MAKE A FINAL CLEAN-UP OF ALL PARTS OF THE WORK BEFORE ACCEPTANCE BY THE DEVELOPER OR HIS REPRESENTATIVE. THIS CLEAN-UP SHALL INCLUDE REMOVAL OF ALL OBJECTIONABLE MATERIALS AND, IN GENERAL, PREPARING THE SITE OF THE WORK IN AN ORDERLY MANNER OF APPEARANCE.

- PROPERTY LINES AND MONUMENTS: THE CONTRACTOR SHALL PROTECT ALL PROPERTY CORNER MARKERS, AND WHEN ANY SUCH MARKERS OR MONUMENTS ARE IN DANGER OF BEING DISTURBED, THEY SHALL BE PROPERLY REFERENCED AND IF DISTURBED SHALL BE RESET AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL SALVAGE AND PROTECT ALL EXISTING POWER POLES, SIGNS, MANHOLES, TELEPHONE RISERS, WATER VALVES, ETC. DURING ALL CONSTRUCTION PHASES UNLESS NOTED OTHERWISE.
- REMOVAL OF DEFECTIVE AND UNAUTHORIZED WORK: ALL WORK WHICH HAS BEEN REJECTED OR CONDEMNED SHALL BE REPAIRED; OR IF IT CANNOT BE REPAIRED SATISFACTORILY, IT SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. DEFECTIVE MATERIALS SHALL BE IMMEDIATELY REMOVED FROM THE WORK SITE. WORK DONE BEYOND THE LINE OR NOT IN CONFORMITY WITH THE GRADES SHOWN ON THE DRAWINGS OR AS PROVIDED, WORK DONE WITHOUT PROPER INSPECTION; OR ANY EXTRA OR UNCLASSIFIED WORK DONE WITHOUT WRITTEN AUTHORITY AND PRIOR AGREEMENT IN WRITING AS TO PRICES, SHALL BE AT THE CONTRACTOR'S RISK, AND WILL BE CONSIDERED UNAUTHORIZED, AND AT THE OPTION OF THE DEVELOPER MAY NOT BE MEASURED AND PAID FOR AND MAY BE ORDERED REMOVED AT THE CONTRACTOR'S EXPENSE. UPON FAILURE OF THE CONTRACTOR TO REPAIR SATISFACTORILY OR TO REMOVE AND REPLACE, IF SO DIRECTED, REJECTED, UNAUTHORIZED OR CONDEMNED WORK OR MATERIALS IMMEDIATELY AFTER RECEIVING NOTICE FROM THE DEVELOPER, THE DEVELOPER WILL, AFTER GIVING WRITTEN NOTICE TO THE CONTRACTOR, HAVE THE AUTHORITY TO CAUSE DEFECTIVE WORK TO BE REMEDIED OR REMOVED AND REPLACED, OR TO CAUSE UNAUTHORIZED WORK TO BE REMOVED AND TO DEDUCT THE COST THEREOF FROM ANY MONIES DUE OR TO BECOME DUE THE CONTRACTOR.
- SUBSURFACE EXPLORATION: RONE ENGINEERING HAS MADE AN INVESTIGATION OF SUBSURFACE SOIL CONDITIONS FOR THE PROJECT SITE, THE RESULTS OF WHICH CAN BE FOUND IN THEIR REPORT NO. #23-27484 DATED 05/05/2023.

TEST BORINGS HAVE BEEN MADE AT VARIOUS LOCATIONS WITHIN THE CONSTRUCTION AREA AND THE RESULTS OF SUCH BORINGS, INCLUDING THE COMPLETE SOIL REPORT, ARE INCLUDED IN THE SPECIFICATIONS.

SOIL INVESTIGATION DATA IS PROVIDED ONLY FOR INFORMATION AND THE CONVENIENCE OF BIDDERS. THE DEVELOPER AND ENGINEER DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY, TRUE LOCATION AND EXTENT OF THE SOILS INVESTIGATION THAT HAS BEEN PREPARED BY OTHERS. THEY FURTHER DISCLAIM RESPONSIBILITY FOR INTERPRETATION OF THAT DATA BY BIDDERS, AS IN PROJECTING SOIL BEARING VALUES, ROCK PROFILES, SOILS STABILITY AND THE PRESENCE, LEVEL AND EXTENT OF UNDERGROUND WATER.

BIDDERS SHALL MAKE ANY INVESTIGATION OF EXISTING SUBSURFACE CONDITIONS AS DEEMED NECESSARY AT NO EXPENSE TO THE DEVELOPER.

NEITHER THE DEVELOPER NOR ENGINEER WILL BE RESPONSIBLE IN ANY WAY FOR ADDITIONAL COMPENSATION FOR EXCAVATION WORK PERFORMED UNDER THIS CONTRACT DUE TO CONTRACTOR'S ASSUMPTIONS BASED ON SUBSOIL DATA PREPARED SOLELY FOR ENGINEER'S USE.
- THE CONTRACTOR SHALL INSTALL 2-4" SCH 40 PVC CONDUITS FOR AREA TELEPHONE SERVICE PROVIDER. THE SERVICE PROVIDER WILL INSTALL THE WIRING. THE CONDUITS SHALL EXTEND FROM THE BUILDING TO THE ADJACENT R.O.W. CONTRACTOR SHALL COORDINATE LOCATION, ALIGNMENT AND INSTALLATION REQUIREMENTS WITH THE AREA TELEPHONE PROVIDER.
- PULL BOXES SHALL BE INSTALLED AT ALL BENDS AND AT 1000-FOOT INCREMENTS ALONG ALL TELEPHONE AND COMMUNICATIONS CONDUITS. ALL PULL BOXES SHALL BE WATERPROOF, AND THOSE IN PAVED AREAS SHALL BE TRAFFIC RATED.
- THE CONTRACTOR SHALL PROVIDE 4 WEEKS LEAD TIME FOR (TEMP. AND PERMANENT) TELEPHONE SERVICE INSTALLATION, AND 14-16 WEEK LEAD TIME FOR THREE-PHASE TRANSFORMERS. COORDINATE SERVICE WITH THE LOCAL ELECTRIC PROVIDER.
- THE CONTRACTOR SHALL COORDINATE ALL ELECTRIC AND GAS SERVICE (TEMP. & PERMANENT) LOCATION, ALIGNMENT, INSTALLATION REQUIREMENTS AND COST SHARING ARRANGEMENTS WITH FRANCHISE UTILITY PROVIDER.
- THE CONTRACTOR SHALL COORDINATE WITH FRANCHISE UTILITY PROVIDER TO EXTEND GAS SERVICE FROM THE ADJACENT R.O.W. TO THE PROPOSED BUILDING.
- ALL FRANCHISE UTILITY LOCATIONS SHOWN ON THESE DRAWINGS ARE CONCEPTUAL IN NATURE. THE CONTRACTOR SHALL COORDINATE THE EXACT DESIGN, ALIGNMENT, INSTALLATION REQUIREMENTS AND COST SHARING ARRANGEMENTS WITH THE INDIVIDUAL UTILITY PROVIDERS. THE CONTRACTOR SHALL INCLUDE ALL ASSOCIATED COSTS TO INSTALL FRANCHISE UTILITY (GAS, ELECTRIC, PHONE, CABLE) SERVICE TO THE PROPOSED BUILDING, IN THE BASE BID.

PAVING AND STRIPING NOTES

- ALL WORK AND MATERIALS ON SITE SHALL BE IN ACCORDANCE WITH THE CITY OF PARKER STANDARD PAVING SPECS AND DETAILS.
- TESTING OF MATERIALS REQUIRED FOR THE CONSTRUCTION OF THE PAVING IMPROVEMENTS SHALL BE PERFORMED BY AN AGENCY, APPROVED BY THE OWNER, FOR TESTING MATERIALS. PROCUREMENT OF THE TESTING LABORATORY AND THE PAYMENT OF SUCH TESTING SERVICES SHALL BE MADE BY THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE, BY THE STANDARD TESTING PROCEDURES, THAT THE WORK CONSTRUCTED MEETS THE REQUIREMENTS OF THE CITY AND PROJECT SPECIFICATIONS.
- ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST VERSION OF THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
- RAISED PAVEMENT MARKERS SHALL BE BONDED TO THE ROADWAY SURFACE WITH ADHESIVE CONFORMING TO THE MANUFACTURER'S RECOMMENDATIONS.
- THE PAVEMENT UPON WHICH THE LANE AND PAVEMENT MARKERS ARE TO BE PLACED SHALL BE PREPARED TO THE APPROVAL OF THE INSPECTOR TO ENSURE PROPER CLEANING OF THE PAVEMENT SURFACE.
- SIGN LOCATIONS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE CITY. CONTRACTOR SHALL REVIEW ALL TRAFFIC CONTROL DEVICES WITH THE CITY PRIOR TO INSTALLATION.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS FOR FIRE LANES, PARKING STALLS, HANDICAPPED PARKING SYMBOLS, AND MISCELLANEOUS STRIPING WITHIN PARKING LOT AND AROUND BUILDING AS SHOWN ON THE PLANS.
- ALL STRIPING SHALL BE EXTRUDED THERMOPLASTIC MARKING MATERIAL.
- CONTRACTOR TO REFERENCE IRRIGATION PLAN AND MEP PLANS FOR LOCATION OF PROPOSED SLEEVING AND CONDUITS.
- THE ACCESS ROADWAY AND/OR FIRE LANE SHALL BE STRIPED ON A PAVED SURFACE, AND BE CLEARLY MARKED ON THE PAVEMENT WITH "RED" TRAFFIC PAINT SIX (6) INCHES IN WIDTH TO SHOW THE BOUNDARIES OF THE LANE. "NO PARKING FIRE LANE" SHALL APPEAR IN FOUR (4) INCH WHITE LETTERS AT INTERVALS OF 25 FEET ON THE RED BORDER MARKINGS ALONG BOTH SIDES OF THE FIRE LANES. WHERE A CURB IS AVAILABLE, THE STRIPING SHALL BE ON THE VERTICAL FACE OF THE CURB. ALL FIRE LANES SHALL CONNECT AT BOTH ENDS TO A DEDICATED STREET OR BE CONSTRUCTED WITH TURN-AROUND AREAS AT THE DEAD-END WITH A MINIMUM RADIUS OF FIFTY (50) FEET. ALL PAINT REFERRED TO SHALL BE TRAFFIC MARKING PAINT
- THE WORDS "FIRE LANE" AND "NO PARKING" SHALL BE STENCILED IN FOUR (4) INCH HIGH WHITE LETTERS ALTERNATELY EVERY FIFTEEN (15) FEET ALONG THE RED FIRE LANE STRIPES IN THE FACE OF THE CURB.

- ALL HANDICAP RAMPING, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT OF 1994 AND THE TEXAS ARCHITECTURAL BARRIERS ACT OF 1994.
- ALL REGULAR PARKING SPACES ARE 9.0 FEET WIDE. ALL HANDICAP SPACES ARE 9.0 FEET WIDE WITH AN ADJACENT 5.0 FOOT WIDE STRIPED ZONE UNLESS NOTED OTHERWISE.
- CONTRACTOR TO INSTALL CONSTRUCTION JOINTS IN CONCRETE PAVEMENT AT ALL PC'S AND AS CONVENIENT TO PHASING OF POURS. CONCRETE PAVEMENT TO BE CONSTRUCTED WITH EXPANSION JOINTS EVERY 150' IN BOTH DIRECTIONS AND SAWED DUMMY JOINTS EVERY 10'-12' IN BOTH DIRECTIONS.
- CONTRACTOR TO SUBMIT A PAVEMENT JOINTING PLAN TO THE ENGINEER AND OWNER PRIOR TO THE BEGINNING OF ANY CONCRETE PAVING WORK. PAVING CONTRACTOR TO COORDINATE WITH BUILDING CONTRACTOR ON THE CONSTRUCTION AND PAVING NEAR THE SCREENING WALLS AND THE DUMPSTER PADS.
- ALL EXISTING CONCRETE OR ASPHALT SHOWN TO BE REMOVED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR OFF SITE.
- GRADING NOTES
 - ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH. THE AREAS SHALL THEN BE SEEDED, IRRIGATED, AND STABILIZED AS SPECIFIED IN THE PLANS, AND MAINTAINED UNTIL SOIL IS STABILIZED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. ALL EARTHEN AREAS WILL BE STABILIZED AND MULCHED AS SHOWN ON THE LANDSCAPE, GRADING, AND EROSION CONTROL PLANS.
 - ALL CUT OR FILL SLOPES SHALL BE 4:1 OR FLATTER UNLESS OTHERWISE SHOWN.
 - CONTRACTOR SHALL FIELD VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING UTILITIES (SHOWN OR NOT SHOWN) WITHIN SCOPE OF CONSTRUCTION. IF ANY EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL REPLACE THEM AT HIS OWN EXPENSE.
 - CONTRACTOR TO ENSURE POSITIVE DRAINAGE FROM THE PROPOSED BUILDINGS AND NO PONDING IN PAVED AREAS. CONTRACTOR ADJUSTMENTS TO SPOT GRADES TO MAINTAIN POSITIVE DRAINAGE IS ALLOWED WITH THE PRIOR APPROVAL OF THE ENGINEER. CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO PAVING IF ANY AREAS OF POOR DRAINAGE ARE ENCOUNTERED.
 - THE CONTRACTOR SHALL PROTECT ALL MANHOLE COVERS, VALVE COVERS, VAULT LIDS, FIRE HYDRANTS, POWER POLES, GUY WIRES, AND TELEPHONE BOXES WHICH ARE TO REMAIN IN PLACE AND UNDISTURBED DURING CONSTRUCTION.
 - ALL EXISTING CONCRETE PAVING, CHANNEL IMPROVEMENTS, SIDEWALK, STRUCTURES AND CURB DEMOLITION SHALL BE REMOVED IN THEIR ENTIRETY AND DISPOSED OF BY THE CONTRACTOR, OFFSITE UNLESS OTHERWISE DIRECTED BY THE OWNER OR ENGINEER.
 - BUILDING PAD PREPARATION SHALL BE CONSISTENT WITH THE GEOTECHNICAL REPORT BY TERRACON, DATED FEBRUARY 5, 2008 AND ALL ADDENDA. (TERRACON PROJECT NO. 94075497)
 - ALL CLEARING, GRADING, COMPACTION AND SUBGRADE PREPARATION SHALL BE IN ACCORDANCE TO THE RECOMMENDATIONS MADE IN THE SUBSURFACE EXPLORATION REPORT BY RONE ENGINEERING, PROJECT #23-27484 DATED 05/05/2023 AND ALL ADDENDA.
 - GRADING CONTRACTOR TO COORDINATE WITH THE FRANCHISE UTILITY COMPANIES FOR ANY REQUIRED UTILITY ADJUSTMENTS AND/OR RELOCATIONS.
 - THE CONTRACTOR SHALL CALCULATE HIS OWN EARTHWORK QUANTITIES AND USE TO DETERMINE HIS BID ACCORDINGLY. ANY DEVIATION FROM A BALANCED CUT AND FILL SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT AND CIVIL ENGINEER AND ANY VARIANCE QUANTIFIED ON THE BID.
 - REFERENCE STRUCTURAL PLANS AND SPECIFICATIONS AND GEOTECHNICAL REPORT FOR ALL BUILDING PAD LAYOUT AND SOIL PREPARATION/COMPACTION.
 - EXCESS MATERIAL: SUITABLE EXCAVATED MATERIAL SHALL BE DISPOSED OF ON THE SITE AT LOCATIONS DIRECTED BY THE ENGINEER. UNSUITABLE MATERIAL IS DEFINED AS ROCKS MEASURING LARGER THAN 4" IN THE LARGEST DIMENSION. UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE.
 - WHERE SURFACE DRAINAGE CHANNELS ARE TEMPORARILY DISTURBED OR BLOCKED DURING CONSTRUCTION, THEY SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR GRADES AND CROSS SECTION AFTER THE CONSTRUCTION IS COMPLETED.
 - NO ROCK SHALL BE PLACED IN THE TOP 6 INCHES OF THE SUBGRADE.
 - GRADING CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OFF-SITE OF ALL EXCAVATED AND CLEARED MATERIAL WHICH SOILS LAB DECLARES UNSUITABLE FOR USE ON-SITE.
 - IF ROCK IS ENCOUNTERED IN THE PAVING SUBGRADE, THE ROCK SHALL BE EXCAVATED TO A DEPTH OF SIX INCHES, REMOVED FROM THE STREET, AND NON-ROCK MATERIAL SHALL BE REPLACED FOR THE STREET SUBGRADE. ROCK IN STREET PARKWAYS SHALL BE REMOVED AND REPLACED WITH SIX INCHES OF TOP SOIL. THIS SHALL BE ACCOMPLISHED BY THE EXCAVATION CONTRACTOR, SUBSIDIARY TO THIS CONTRACT.
 - PRIOR TO PLACING ANY FILL, THE AREAS TO RECEIVE FILL WILL NEED TO BE STRIPPED AND GRUBBED. THE EXPOSED SUBGRADE SHOULD BE PROOFROLLED WITH HEAVY PNEUMATIC EQUIPMENT. ANY SOFT OR PUMPING AREAS SHOULD BE EXCAVATED TO A FIRM SUBGRADE AND PROPERLY BACKFILLED. THE SUBGRADE SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 6 INCHES AND UNIFORMLY COMPACTED TO A MINIMUM OF 95 PERCENT OF ASTM D698 AT OR ABOVE THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THAT TEST. THE FILL MATERIALS SHALL BE SPREAD IN LOOSE LIFTS, LESS THAN 9 INCHES THICK, AND UNIFORMLY COMPACTED TO THE SAME CRITERIA.
 - REFERENCE EROSION CONTROL PLAN FOR ADDITIONAL EROSION CONTROL GENERAL NOTES AND SPECIFICATIONS.
- STORM SEWER NOTES
 - CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF CURB INLETS, GRATE INLETS, AND ALL UTILITIES CROSSING THE STORM SEWER. FLOW LINES AND RIMS OF PROPOSED INLETS SHALL BE VERIFIED WITH THE PROPOSED GRADE PRIOR TO CONSTRUCTION.
 - THE END OF ALL STORM SEWER LATERALS THAT CONNECT TO WORK BY PLUMBER SHALL BE TIGHTLY PLUGGED OR CAPPED AND MARKED 5.0 FEET OUTSIDE THE BUILDING UNTIL FINAL CONNECTIONS ARE MADE BY PLUMBING CONTRACTOR. SEE M.E.P. AND ARCHITECTURAL PLANS FOR CONTINUATION.
 - THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE STORM SEWER.
 - THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE COMMENCEMENT OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
 - REFERENCE CITY'S DESIGN STANDARDS AND SPECIFICATIONS FOR NEW STORM SEWER SYSTEMS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND IMPLEMENTING A TRENCH PROTECTION PLAN FOR ALL OPEN TRENCH EXCAVATION.

- EXISTING MANHOLE TOPS AND ALL OTHER DRAINAGE FACILITIES SHALL BE ADJUSTED AS REQUIRED TO MATCH FINAL GRADES AS SHOWN ON GRADING PLAN. NO SEPARATE PAY ITEM.
- ALL STORM SEWER PIPE SHALL BE CLASS III RCP, OR AS SHOWN BELOW.
DEPTH OF COVER:
LESS THAN 10 FEET - CLASS III
BETWEEN 10 AND 15 FEET - CLASS IV
GREATER THAN 15 FEET - CLASS V
- EXISTING WATER AND SANITARY SEWER LINES ARE SHOWN ON PLANS FOR REFERENCE ONLY. CONTRACTOR SHALL LOCATE ALL LINES IN THE AREA PRIOR TO DIGGING.
- ALL CURVED STORM DRAIN IS TO BE CONSTRUCTED WITH RADIUS PIPE OR IS TO HAVE ALL JOINTS GROUTED AS NECESSARY. IT SHALL BE THE CONTRACTORS OPTION AS TO WHICH METHOD TO USE. THERE SHALL BE NO SEPARATE PAY.
- ALL STORM SEWER MANHOLES AND INLETS TO BE CONSTRUCTED WITH 30" CAST IRON FRAME AND COVERS

STORM SEWER DISCHARGE AUTHORIZATION NOTES

- A NOTICE OF INTENT (N.O.I.) SHALL BE SUBMITTED BY THE CONTRACTOR TO THE TCEQ NO LESS THAN 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- ALL CONTRACTORS AND SUBCONTRACTORS PROVIDING SERVICES RELATED TO THE SWPPP SHALL SIGN A CONTRACTOR CERTIFICATION STATEMENT ACKNOWLEDGING THEIR RESPONSIBILITIES AS SPECIFIED IN THE SWPPP.
- A COPY OF THE SWPPP, INCLUDING CONTRACTOR CERTIFICATIONS AND ANY REVISIONS, SHALL BE SUBMITTED TO THE CITY AND FILED WITH THE CONSTRUCTION PLANS, AND SHALL BE RETAINED ON-SITE DURING CONSTRUCTION.
- A NOTICE OF TERMINATION (N.O.T.) SHALL BE SUBMITTED TO THE TCEQ BY THE CONTRACTOR WHEN THE SITE HAS 100% OF THE DISTURBED AREAS STABILIZED AND THE SITE NO LONGER HAS STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITIES (CONSTRUCTION), OR THE N.O.T. PERMITTEE OR CO-PERMITTEE NO LONGER HOLDS OPERATIONAL CONTROL OF THE CONSTRUCTION.

| | | |
|------|----------|----|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| DATE | REVISION | BY |

GENERAL NOTES

PANORAMA STREET

CITY OF PARKER
COLLIN COUNTY, TEXAS

LJA Engineering, Inc.

6060 North Central Expressway
Suite 400
Dallas, Texas 75206

Phone 469.621.0710
FRN -F-1386

| | |
|--|------------------------------------|
| THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF VERONICA B. HADLEY, TEXAS P.E. #143748 ON 06 27 2023. THIS DOCUMENT IS NOT TO BE USED FOR THE PURPOSES OF CONSTRUCTION. | LJA PROJECT ID NT561-0133 |
| | DATE: JUN 2023 |
| | DESIGN: LJA |
| | DRAWN: MARTINEZ |
| | SCALE HORZ: N/A VERT: N/A |
| | SHEET 3 OF 35 SHEETS |

LEGEND

- EXISTING POWER POLE
OHE
EXISTING OVERHEAD ELECTRIC
EXISTING FENCE TO BE REMOVED
EXISTING OVERHEAD ELECTRIC TO BE REMOVED

BENCHMARKS:

BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE.

ELEV 605.438

BM#3 5/8" IRON ROD WITH CAP STAMPED "RANDOM" SET ON THE SOUTH SIDE OF GREGORY LANE INSIDE THE CIRCLE DRIVEWAY OF THE SUBJECT TRACT, BEING APPROXIMATELY 526 FEET WEST OF THE INTERSECTION OF GREGORY LANE AND THE FIRST SOUTHBOUND ROAD EAST OF THE SUBJECT TRACT. SAID POINT IS ALSO APPROXIMATELY 87 FEET NORTH OF THE NORTHWEST CORNER OF THE HOUSE LOCATED ON THE SITE, AND APPROXIMATELY 15 FEET SOUTH OF THE OVERHEAD POWER LINES.

ELEV 597.995

| | | |
|------|----------|----|
| DATE | REVISION | BY |
|------|----------|----|

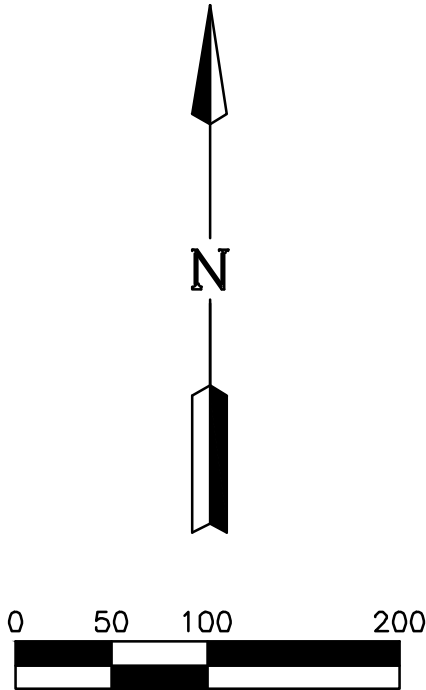
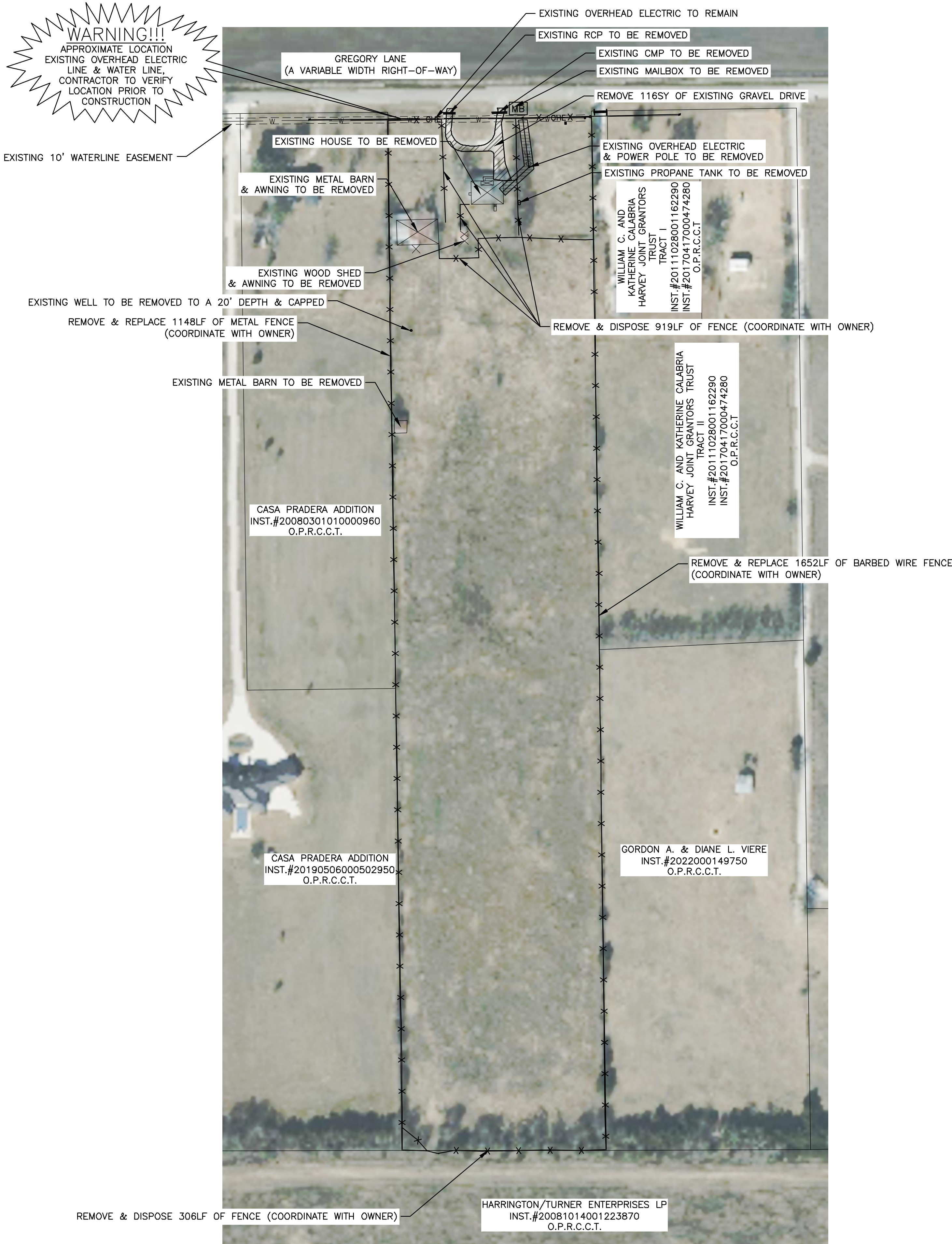
DEMOLITION PLAN

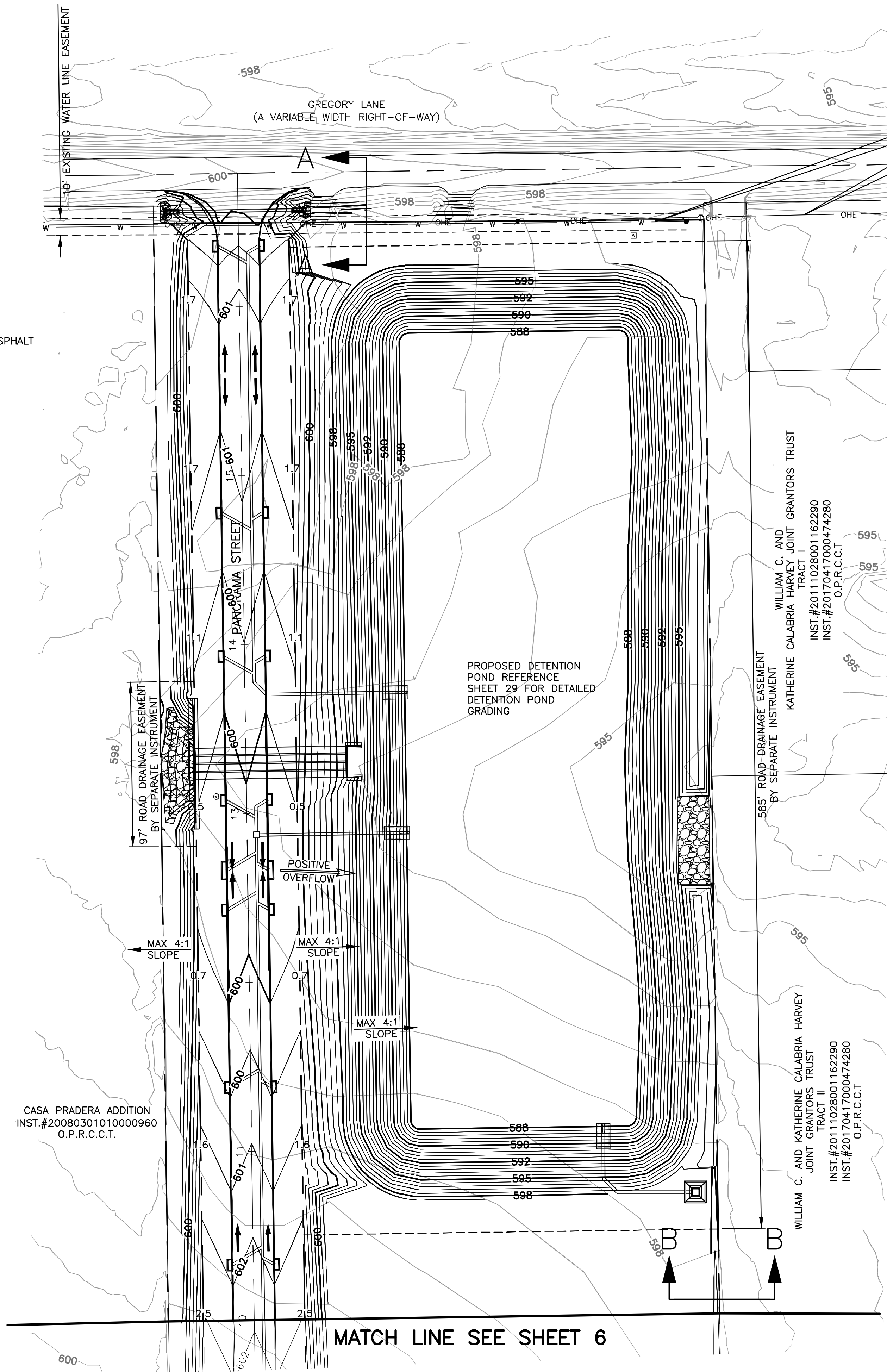
PANORAMA STREET

CITY OF PARKER
COLLIN COUNTY, TEXAS

LJA Engineering, Inc.
6060 North Central Expressway
Suite 400
Dallas, Texas 75206
Phone 469.621.0710
FRN - F-1386

| | |
|---|---------------------------------------|
| PRELIMINARY THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF VERONICA B. HADLEY, TEXAS P.E. #143748 ON 06 27 2023 THIS DOCUMENT IS NOT TO BE USED FOR THE PURPOSES OF CONSTRUCTION. | LJA PROJECT ID NT561-0133 |
| | DATE: JUN 2023 |
| | DESIGN: MARTINEZ |
| | DRAWN: MARTINEZ |
| | SCALE HORZ: 1" = 100' VERT: N/A |
| SHEET 4 OF 35 SHEETS | |



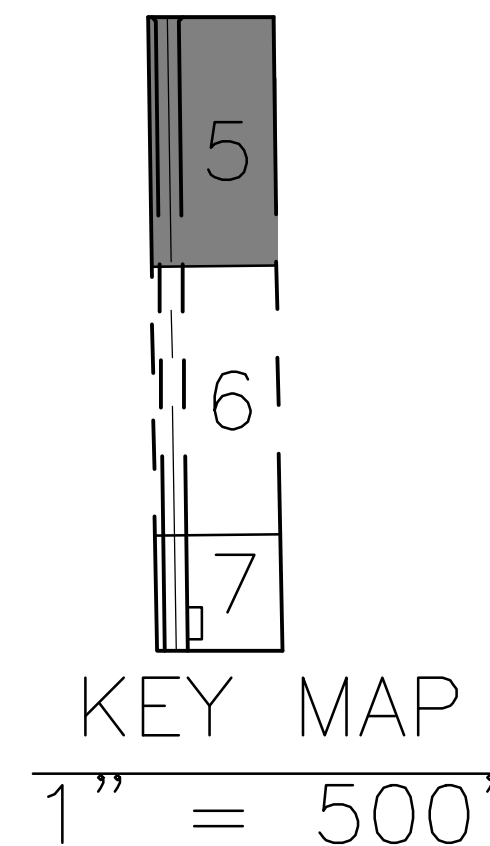


WARNING!!!
APPROXIMATE LOCATION OF
EXISTING OVERHEAD ELECTRIC
LINE & WATER LINE,
CONTRACTOR TO VERIFY
LOCATION PRIOR TO
CONSTRUCTION

x 88.8 PROPOSED SPOT ELEVATIONS
 PROPOSED FLOW DIRECTION
 EP EDGE OF PAVEMENT

NOTES:

1. STRUCTURAL DESIGN OF ALL RETAINING WALLS TO BE DONE BY OTHERS.



BENCHMARKS:

BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE.

ELEV 605.438

BM#3 5/8" IRON ROD WITH CAP
STAMPED "RANDOM" SET ON THE SOUTH
SIDE OF GREGORY LANE INSIDE THE
CIRCLE DRIVEWAY OF THE SUBJECT
TRACT, BEING APPROXIMATELY 526 FEET
WEST OF THE INTERSECTION OF GREGORY
LANE AND THE FIRST SOUTHBOUND ROAD
EAST OF THE SUBJECT TRACT. SAID
POINT IS ALSO APPROXIMATELY 87 FEET
NORTH OF THE NORTHWEST CORNER OF
THE HOUSE LOCATED ON THE SITE, AND
APPROXIMATELY 15 FEET SOUTH OF THE
OVERHEAD POWER LINES.

ELEV 597.995

| | | |
|------|----------|----|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| DATE | REVISION | BY |

GRADING PLAN

PANORAMA
STREET

CITY OF PARKER
COLLIN COUNTY, TEXAS

LJA Engineering, Inc.

LJA

6060 North Central Expressway
Suite 400
Dallas, Texas 75206
Phone 469.621.0710
FBN - F-1386

FRN - F-1386

PRELIMINARY

THIS DOCUMENT IS RELEASED
FOR THE PURPOSE OF
REVIEW
UNDER THE AUTHORITY OF
VERONICA B. HADLEY, TEXAS P.E.
#143748 ON

THIS DOCUMENT IS NOT TO BE
USED FOR THE PURPOSES OF
CONSTRUCTION.

| |
|------------------------------|
| LJA PROJECT ID NT561-0133 |
|------------------------------|

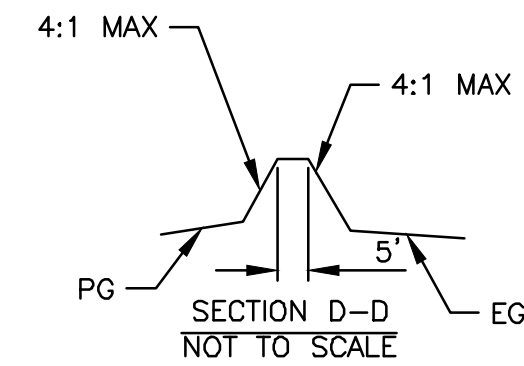
DATE: JUN 2023

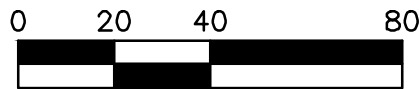
| | |
|----------|------------|
| DATE: | SUN 2025 |
| REVENUE: | 11,750,000 |

| | |
|---------|----------|
| DESIGN: | MARTINEZ |
| DRAWN: | MARTINEZ |

SCALE
HORZ: 1" = 40'
VERT: N/A

SHEET
5
OF 35 SHEETS



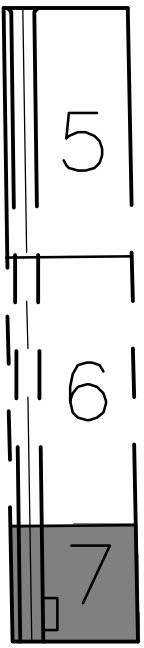
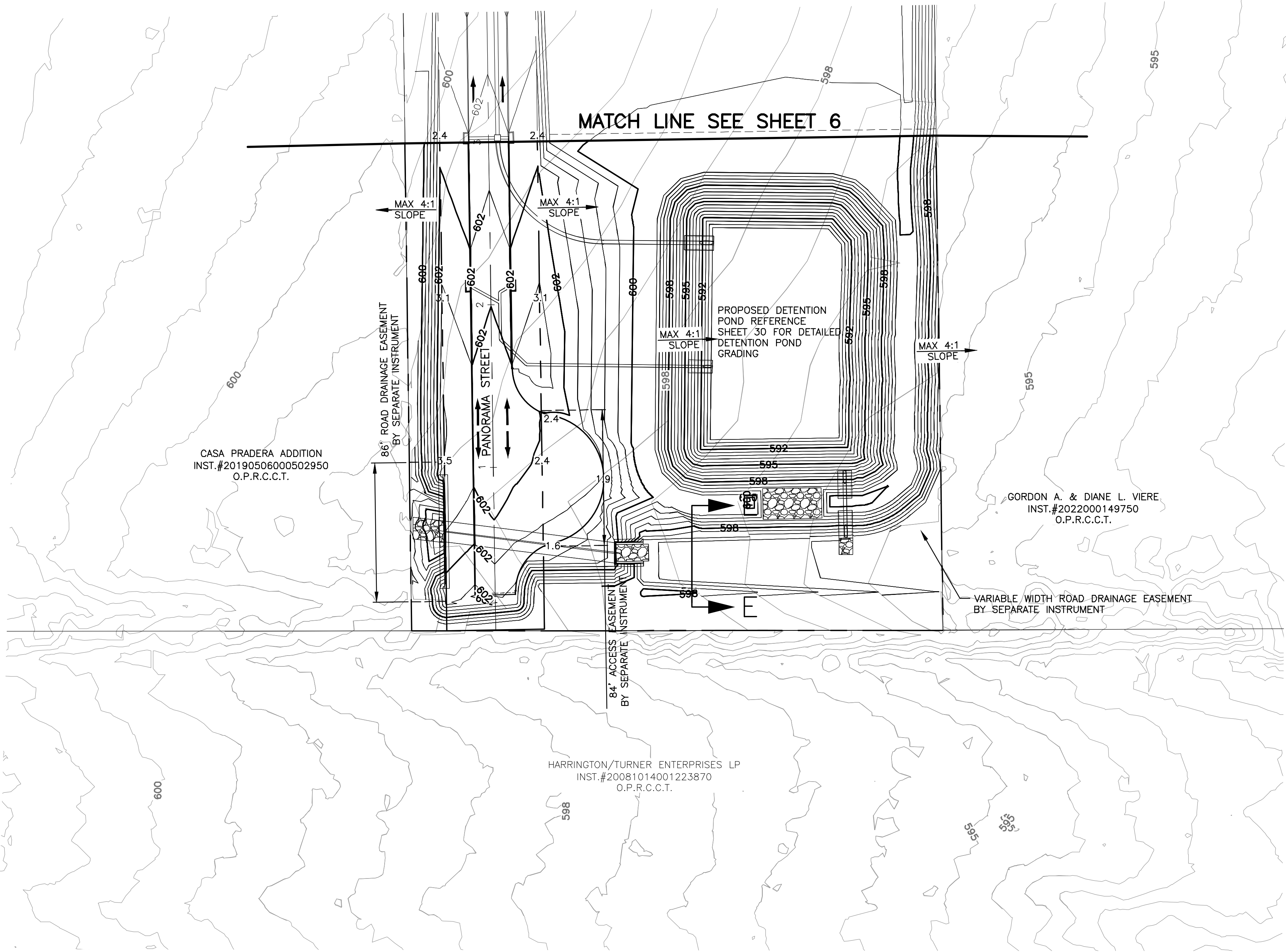


LEGEND

- x 88.8 PROPOSED SPOT ELEVATIONS
PROPOSED FLOW DIRECTION
EP EDGE OF PAVEMENT

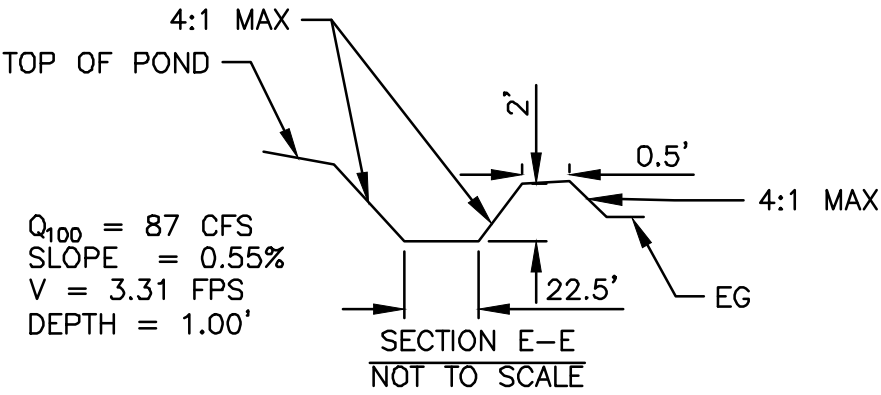
NOTES:

1. STRUCTURAL DESIGN OF ALL RETAINING WALLS TO BE DONE BY OTHERS.



KEY MAP

1" = 500'



BENCHMARKS:

BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE.

ELEV 605.438

BM#3 5/8" IRON ROD WITH CAP STAMPED "RANDOM" SET ON THE SOUTH SIDE OF GREGORY LANE INSIDE THE CIRCLE DRIVEWAY OF THE SUBJECT TRACT, BEING APPROXIMATELY 526 FEET WEST OF THE INTERSECTION OF GREGORY LANE AND THE FIRST SOUTHBOUND ROAD EAST OF THE SUBJECT TRACT. SAID POINT IS ALSO APPROXIMATELY 87 FEET NORTH OF THE NORTHWEST CORNER OF THE HOUSE LOCATED ON THE SITE, AND APPROXIMATELY 15 FEET SOUTH OF THE OVERHEAD POWER LINES.

ELEV 597.995

| DATE | REVISION | BY |
|------|----------|----|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

GRADING PLAN

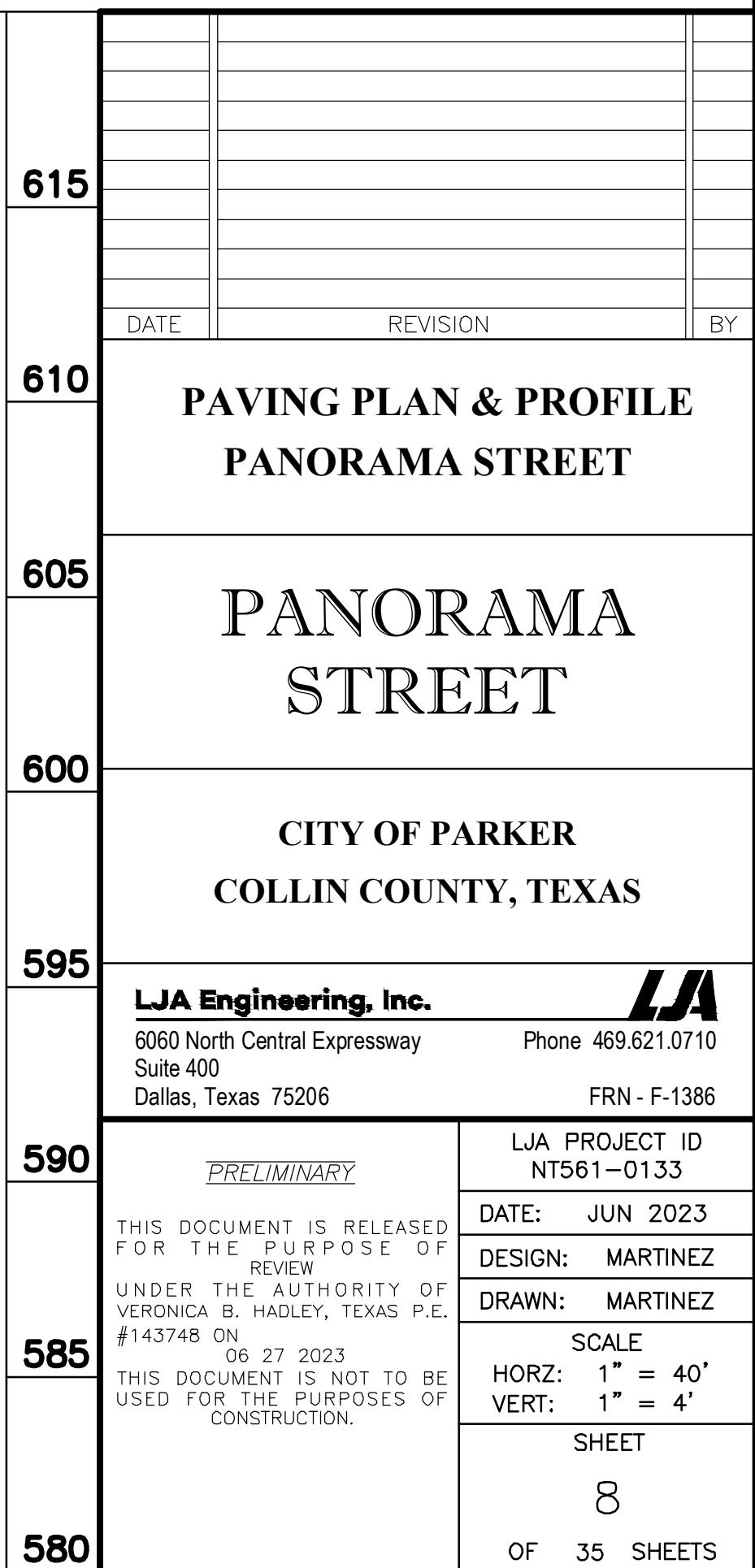
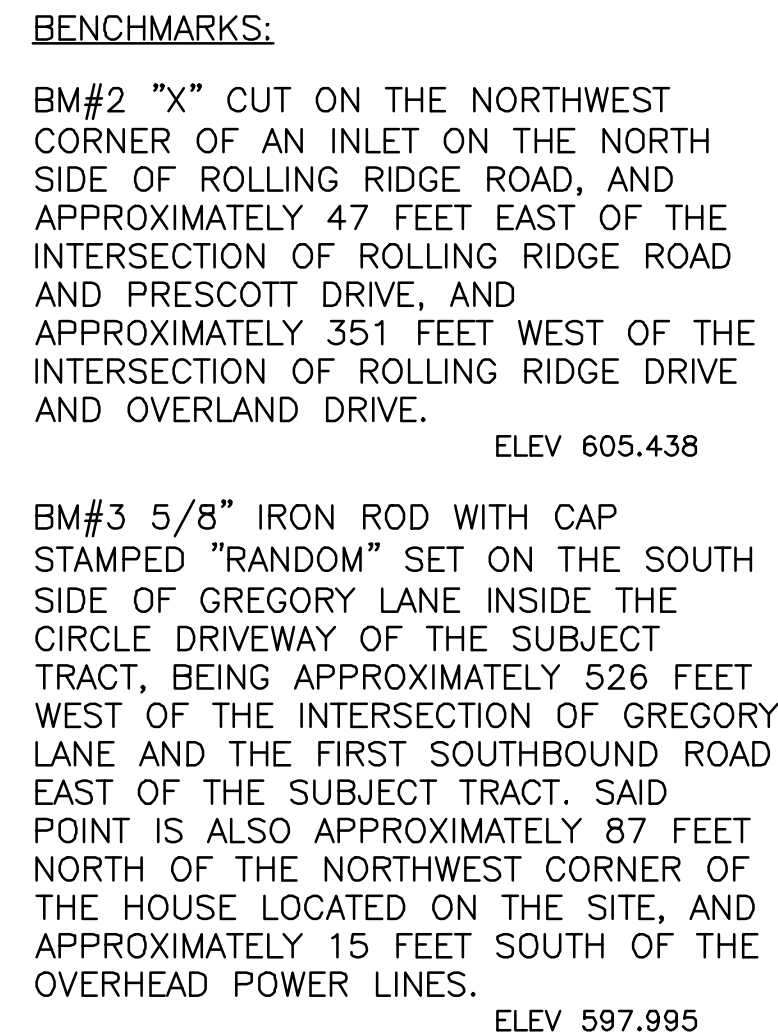
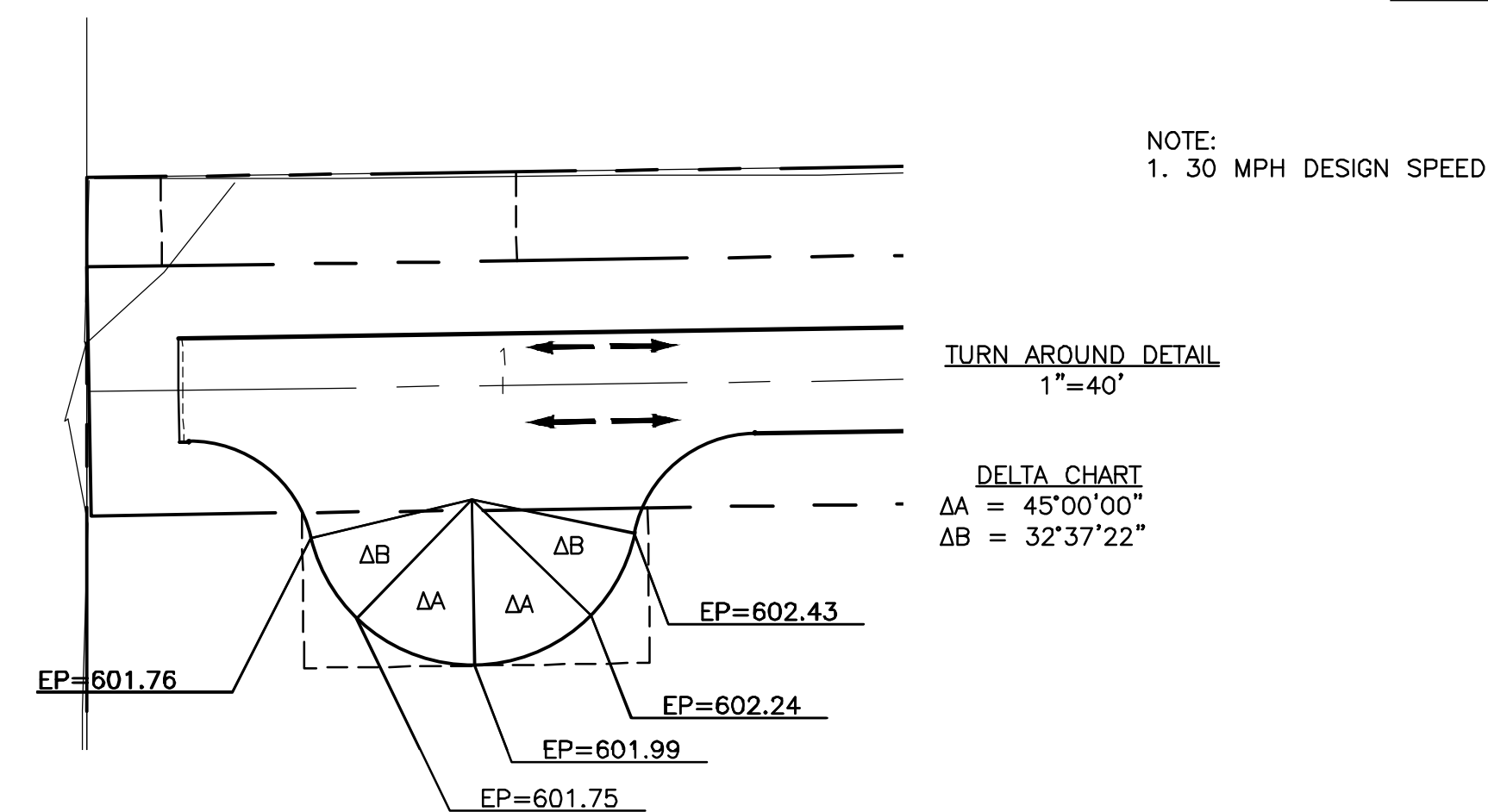
PANORAMA STREET

CITY OF PARKER
COLLIN COUNTY, TEXAS

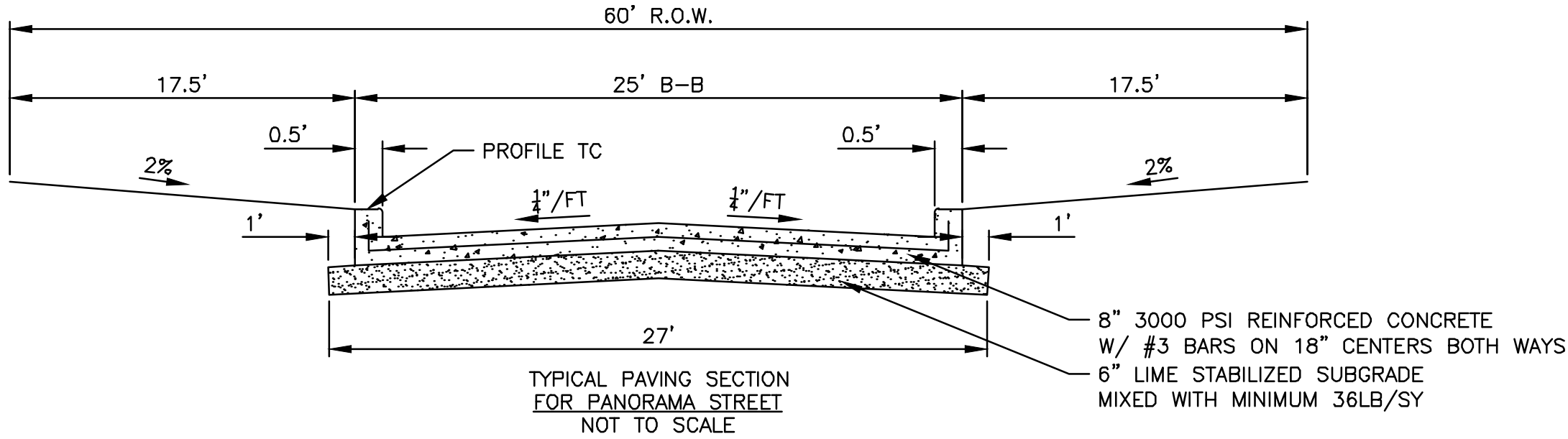
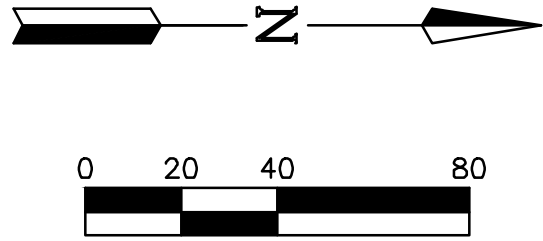
LJA Engineering, Inc.
6060 North Central Expressway Suite 400
Dallas, Texas 75206
Phone 469.621.0710
FRN - F-1386

PRELIMINARY
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF VERONICA B. HADLEY, TEXAS P.E. #143748 ON 06/27/2023. THIS DOCUMENT IS NOT TO BE USED FOR THE PURPOSES OF CONSTRUCTION.

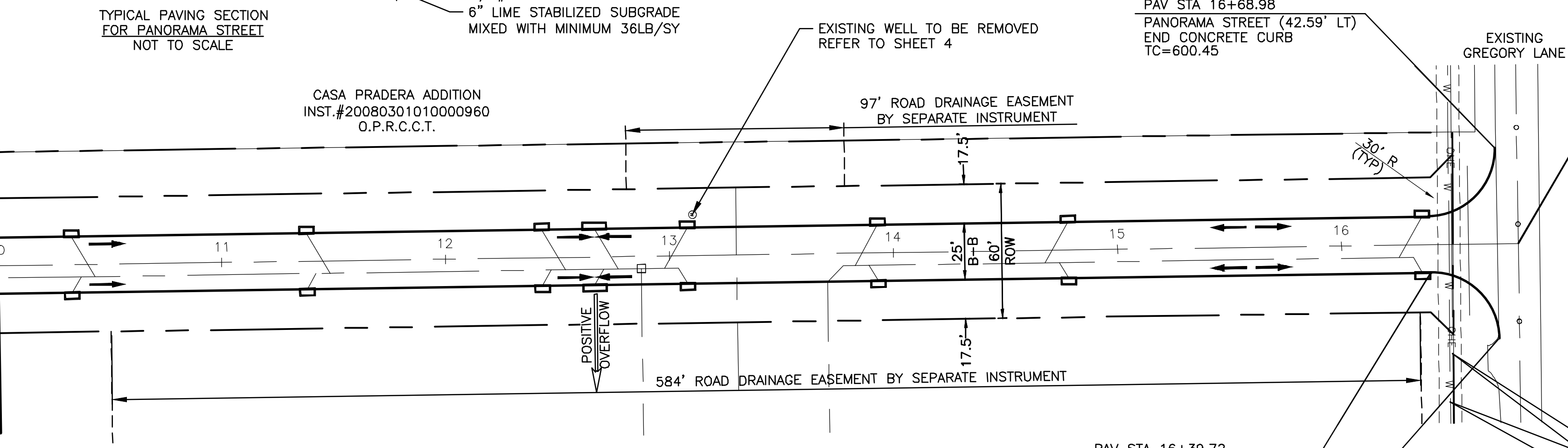
| |
|---------------------------------------|
| LJA PROJECT ID NT561-0133 |
| DATE: JUN 2023 |
| DESIGN: MARTINEZ |
| DRAWN: MARTINEZ |
| SCALE HORIZ: 1" = 40' VERT: N/A |
| SHEET 7 OF 35 SHEETS |



NOTE:
1. 30 MPH DESIGN SPEED



MATCH LINE STA 10+00



WARNING!!!

APPROXIMATE LOCATION OF EXISTING OVERHEAD ELECTRIC LINE & WATER LINE. CONTRACTOR TO VERIFY LOCATION PRIOR TO CONSTRUCTION

BENCHMARKS:

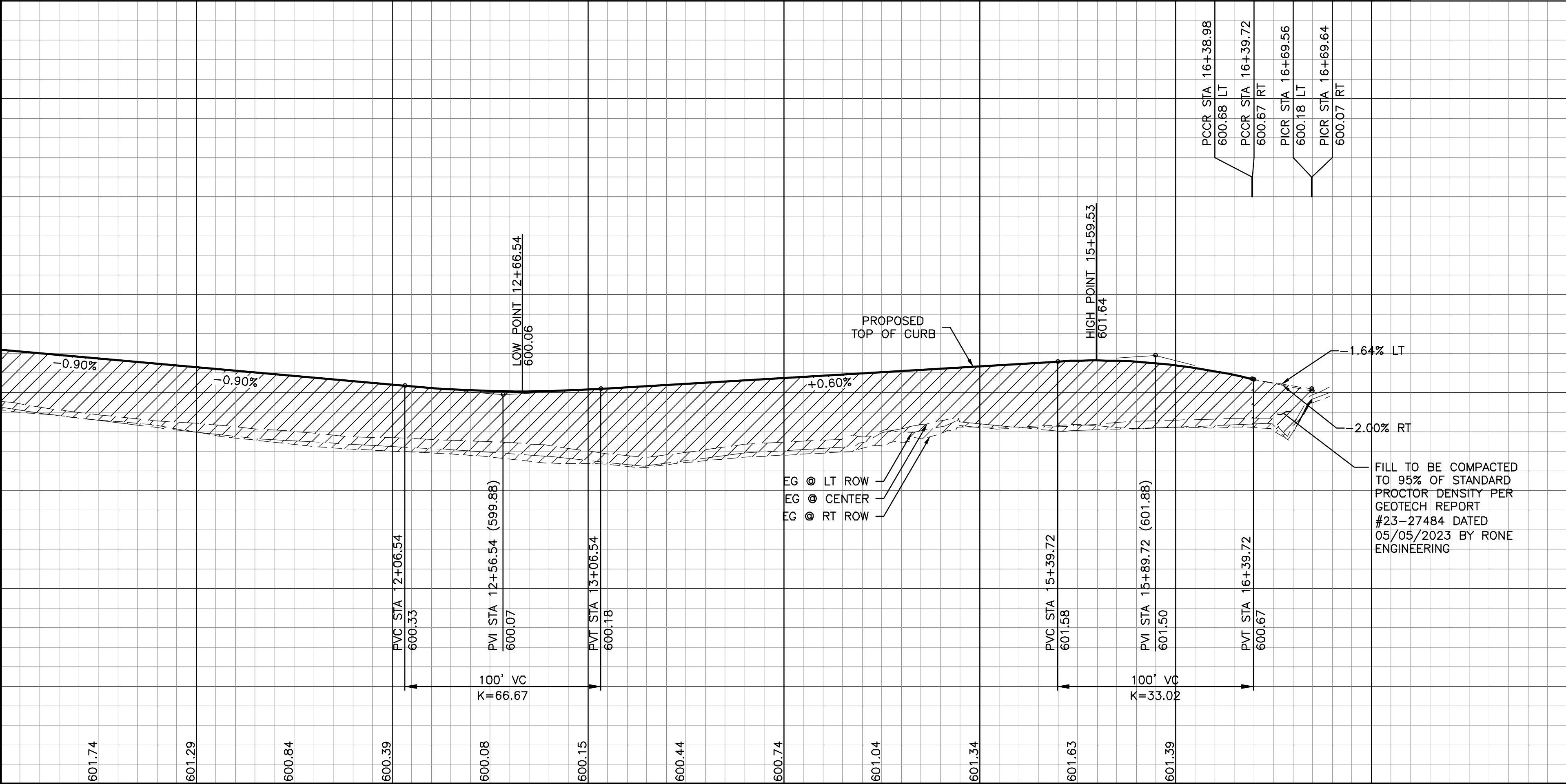
BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE. ELEV 605.438

BM#3 5/8" IRON ROD WITH CAP STAMPED "RANDOM" SET ON THE SOUTH SIDE OF GREGORY LANE INSIDE THE CIRCLE DRIVEWAY OF THE SUBJECT TRACT, BEING APPROXIMATELY 526 FEET WEST OF THE INTERSECTION OF GREGORY LANE AND THE FIRST SOUTHBOUND ROAD EAST OF THE SUBJECT TRACT. SAID POINT IS ALSO APPROXIMATELY 87 FEET NORTH OF THE NORTHWEST CORNER OF THE HOUSE LOCATED ON THE SITE, AND APPROXIMATELY 15 FEET SOUTH OF THE OVERHEAD POWER LINES. ELEV 597.995

PANORAMA STREET

10+00 11+00 12+00 13+00 14+00 15+00 16+00 17+00

MATCH LINE STA 10+00



615

610

605

600

595

590

585

580

PAVING PLAN & PROFILE
PANORAMA STREET

PANORAMA
STREET

CITY OF PARKER
COLLIN COUNTY, TEXAS

LJA Engineering, Inc.

6060 North Central Expressway Suite 400 Dallas, Texas 75206 Phone 469.621.0710 FRN - F-1386

PRELIMINARY

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF VERONICA B. HADLEY, TEXAS P.E. #143748 ON 06 27 2023. THIS DOCUMENT IS NOT TO BE USED FOR THE PURPOSES OF CONSTRUCTION.

LJA PROJECT ID NT561-0133

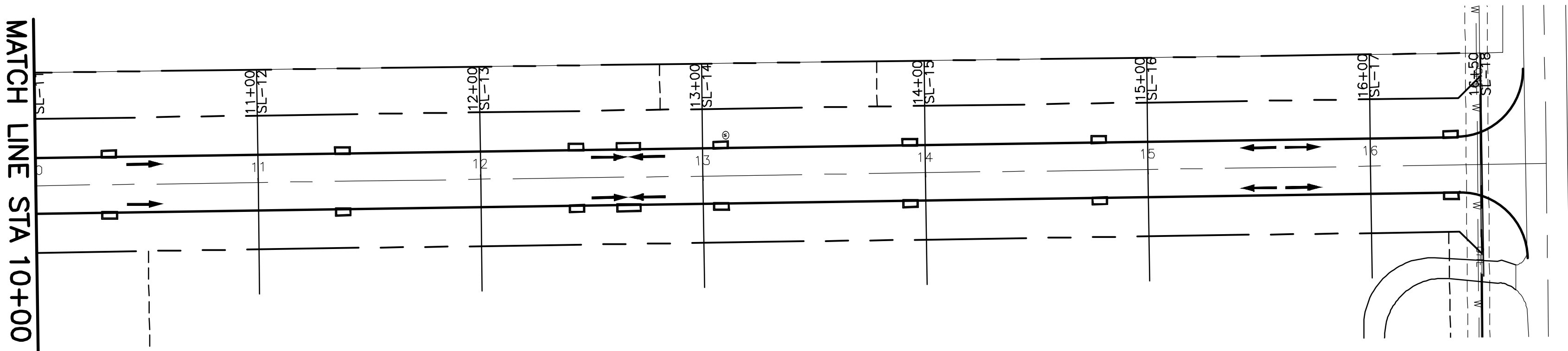
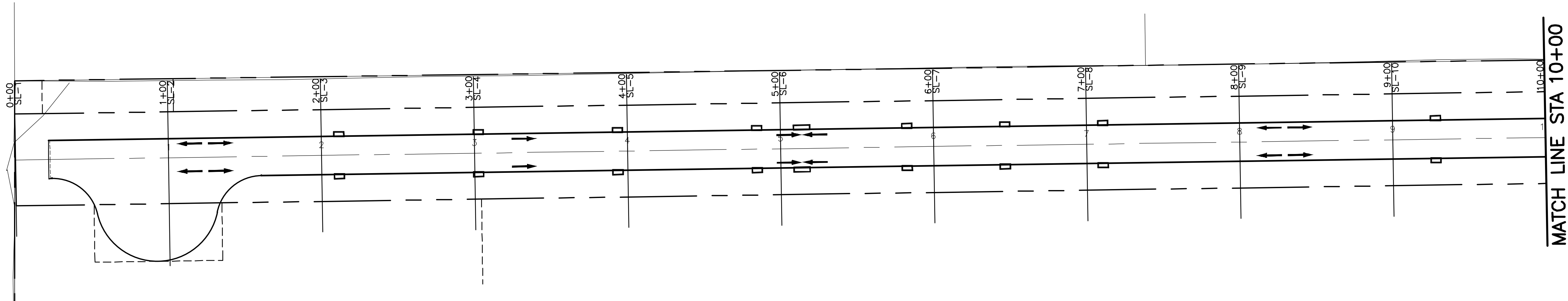
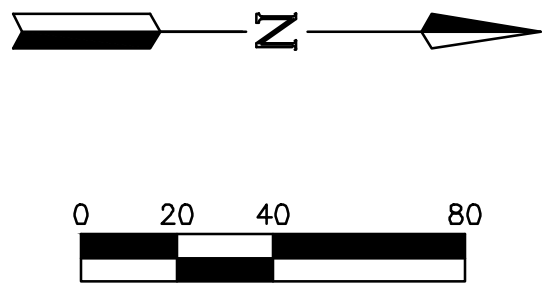
DATE: JUN 2023

DESIGN: MARTINEZ

DRAWN: MARTINEZ

SCALE
HORZ: 1" = 40'
VERT: 1" = 4'

SHEET
9
OF 35 SHEETS



BENCHMARKS:

BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE.

ELEV 605.438

BM#3 5/8" IRON ROD WITH CAP STAMPED "RANDOM" SET ON THE SOUTH SIDE OF GREGORY LANE INSIDE THE CIRCLE DRIVEWAY OF THE SUBJECT TRACT, BEING APPROXIMATELY 526 FEET WEST OF THE INTERSECTION OF GREGORY LANE AND THE FIRST SOUTHBOUND ROAD EAST OF THE SUBJECT TRACT. SAID POINT IS ALSO APPROXIMATELY 87 FEET NORTH OF THE NORTHWEST CORNER OF THE HOUSE LOCATED ON THE SITE, AND APPROXIMATELY 15 FEET SOUTH OF THE OVERHEAD POWER LINES.

ELEV 597.995

| | | |
|------|----------|----|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| DATE | REVISION | BY |

**OVERALL SECTIONS
PLAN**

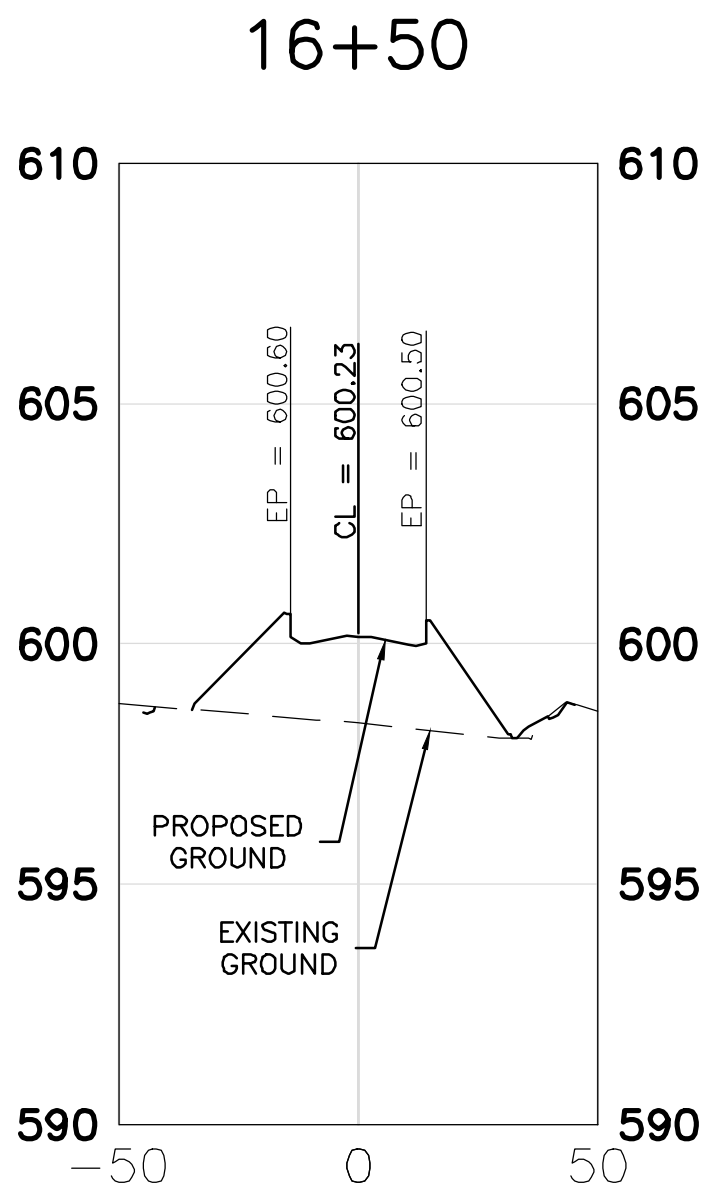
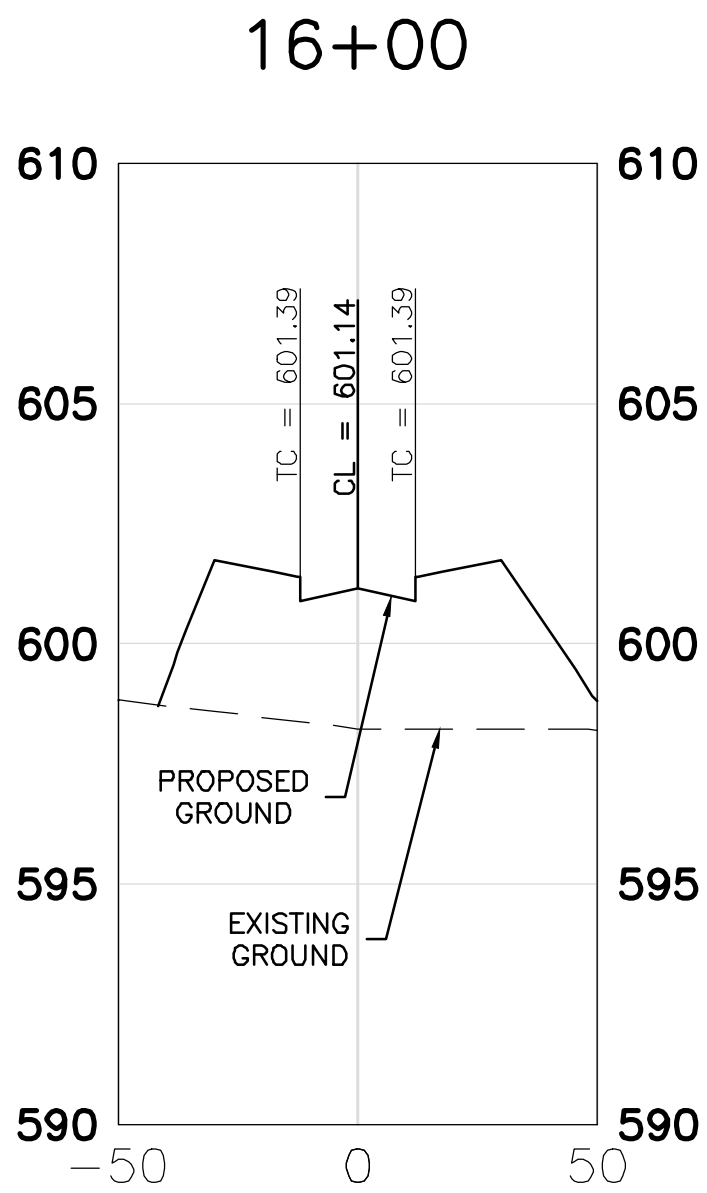
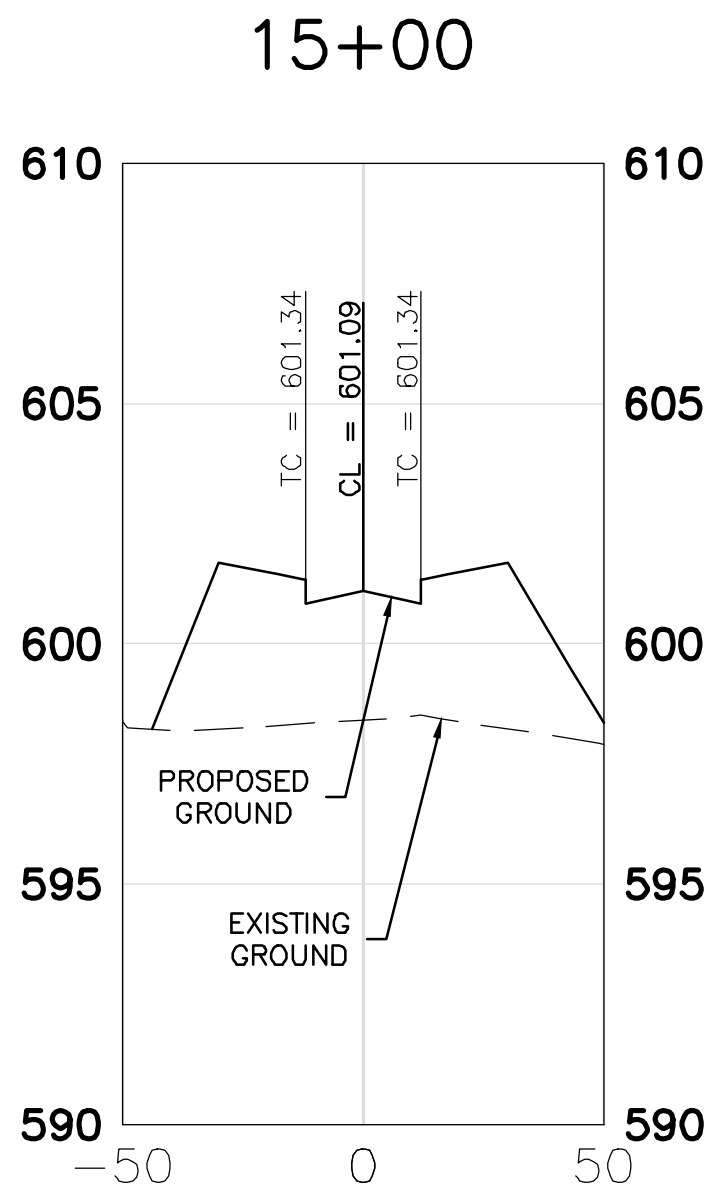
**PANORAMA
STREET**

**CITY OF PARKER
COLLIN COUNTY, TEXAS**

LJA Engineering, Inc.
6060 North Central Expressway
Suite 400
Dallas, Texas 75206

LJA
Phone 469.621.0710
FRN - F-1386

| | | |
|--|------------------------------|----------|
| THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF VERONICA B. HADLEY, TEXAS P.E. #143748 ON 06/27/2023. THIS DOCUMENT IS NOT TO BE USED FOR THE PURPOSES OF CONSTRUCTION. | LJA PROJECT ID NT561-0133 | |
| | DATE: | JUN 2023 |
| | DESIGN: | MARTINEZ |
| | DRAWN: | MARTINEZ |
| | SCALE | |
| | HORIZ: | 1" = 40' |
| | VERT: | N/A |
| | SHEET | |
| | 10 | |
| | OF 35 SHEETS | |



BENCHMARKS:

BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE.

ELEV 605.438

BM#3 5/8" IRON ROD WITH CAP STAMPED "RANDOM" SET ON THE SOUTH SIDE OF GREGORY LANE INSIDE THE CIRCLE DRIVEWAY OF THE SUBJECT TRACT, BEING APPROXIMATELY 526 FEET WEST OF THE INTERSECTION OF GREGORY LANE AND THE FIRST SOUTHBOUND ROAD EAST OF THE SUBJECT TRACT. SAID POINT IS ALSO APPROXIMATELY 87 FEET NORTH OF THE NORTHWEST CORNER OF THE HOUSE LOCATED ON THE SITE, AND APPROXIMATELY 15 FEET SOUTH OF THE OVERHEAD POWER LINES.

ELEV 597.995

| | | |
|------|----------|----|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| DATE | REVISION | BY |

**CROSS SECTIONS
STA 15+00 TO 16+50**


**PANORAMA
STREET**

**CITY OF PARKER
COLLIN COUNTY, TEXAS**

LJA Engineering, Inc.
6060 North Central Expressway
Suite 400
Dallas, Texas 75206

LJA
Phone 469.621.0710
FRN - F-1386

| | | |
|--|--|------------------------------|
| THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF VERONICA B. HADLEY, TEXAS P.E. #143748 ON 06/27/2023. THIS DOCUMENT IS NOT TO BE USED FOR THE PURPOSES OF CONSTRUCTION. | <i>PRELIMINARY</i> | LJA PROJECT ID NT561-0133 |
| | DATE: JUN 2023 | |
| | DESIGN: MARTINEZ | |
| | DRAWN: MARTINEZ | |
| | SCALE HORZ: 1" = 40' VERT: 1" = 4' | |
| | SHEET 12 OF 35 SHEETS | |



WARNING!!!
APPROXIMATE LOCATION OF
EXISTING OVERHEAD ELECTRIC
LINE & WATER LINE,
CONTRACTOR TO VERIFY
LOCATION PRIOR TO
CONSTRUCTION

DRAINAGE DESIGN CRITERIA
RATIONAL METHOD
100 YEAR DESIGN

BENCHMARKS:

BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE.

BM#3 5/8" IRON ROD WITH CAP
STAMPED "RANDOM" SET ON THE SOUTH
SIDE OF GREGORY LANE INSIDE THE
CIRCLE DRIVEWAY OF THE SUBJECT
TRACT, BEING APPROXIMATELY 526 FEET
WEST OF THE INTERSECTION OF GREGORY
LANE AND THE FIRST SOUTHBOUND ROAD
EAST OF THE SUBJECT TRACT. SAID
POINT IS ALSO APPROXIMATELY 87 FEET
NORTH OF THE NORTHWEST CORNER OF
THE HOUSE LOCATED ON THE SITE, AND
APPROXIMATELY 15 FEET SOUTH OF THE
OVERHEAD POWER LINES.

| | | |
|------|----------|----|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| DATE | REVISION | BY |

EXISTING DRAINAGE AREA MAP

PANORAMA STREET

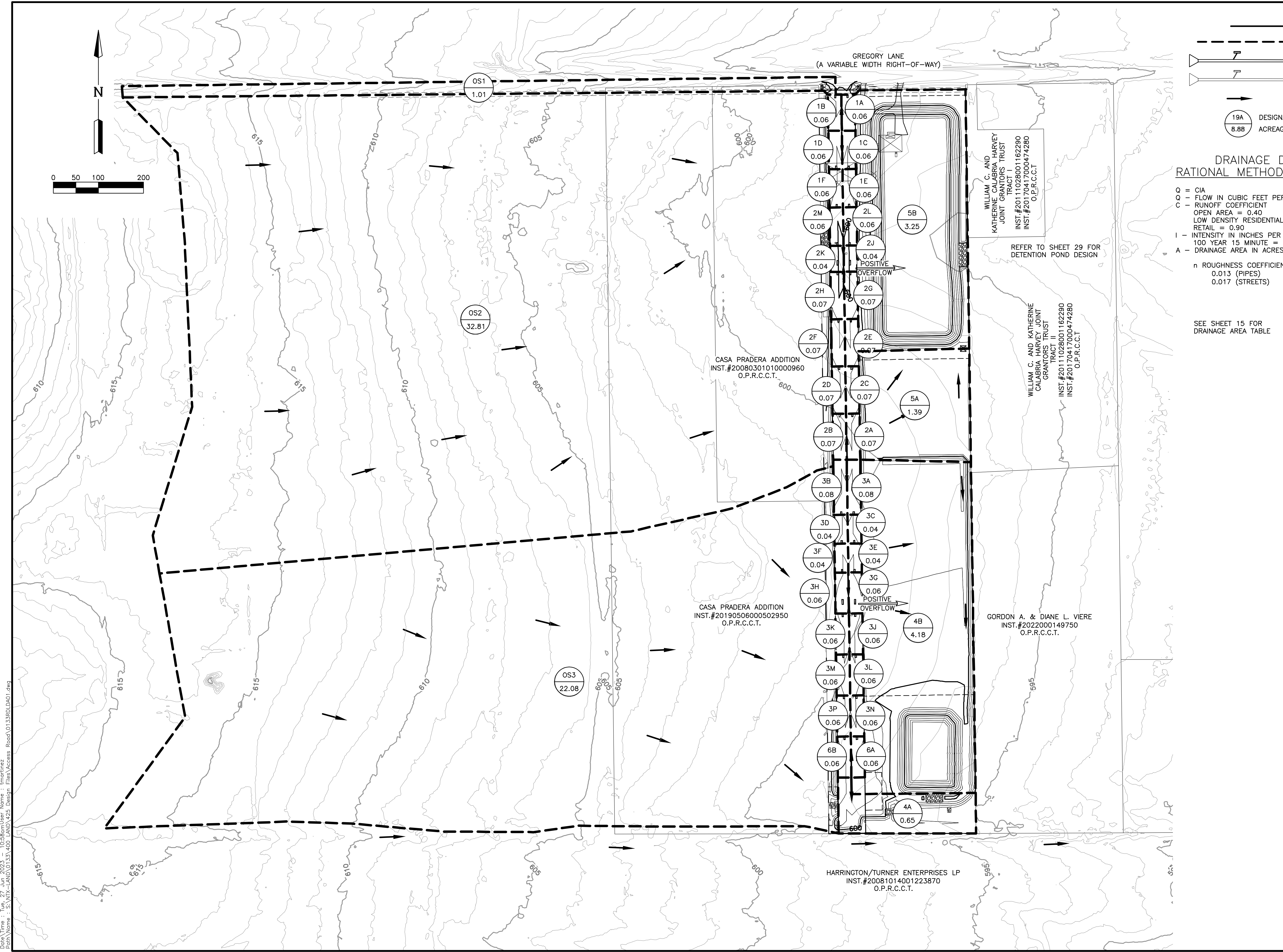
CITY OF PARKER
COLLIN COUNTY, TEXAS

LJA Engineering, Inc. 
6060 North Central Expressway Phone 469.621.0710
Suite 400
Dallas, Texas 75206 FRN - F-1386

PRELIMINARY

THIS DOCUMENT IS RELEASED
FOR THE PURPOSE OF
REVIEW
UNDER THE AUTHORITY OF
VERONICA B. HADLEY, TEXAS P.E.
#143748 ON
06 27 2023
THIS DOCUMENT IS NOT TO BE
USED FOR THE PURPOSES OF
CONSTRUCTION.

| | |
|------------------------------|-----------|
| LJA PROJECT ID NT561-0133 | |
| DATE: | JUN 2023 |
| DESIGN: | MARTINEZ |
| DRAWN: | MARTINEZ |
| SCALE | |
| HORIZ: | 1" = 100' |
| VERT: | N/A |
| SHEET | |
| 13 | |
| OF 35 SHEETS | |

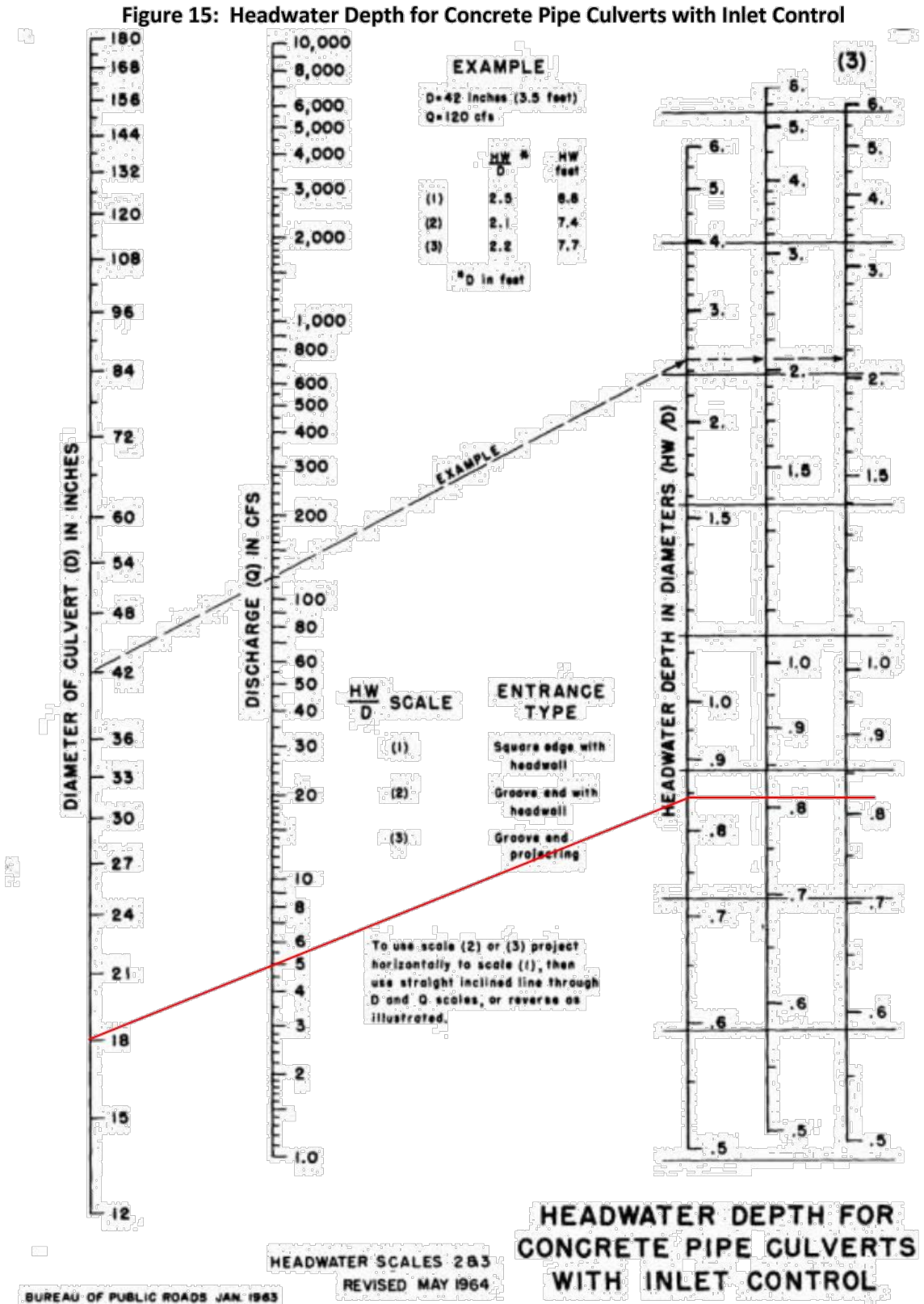


$$C_{\text{WEIGHTED}} = [(AREA_1 * C_1) + (AREA_2 * C_2)] / AREA_{\text{TOTAL}}$$

$$C=.63=[(.68*.5)+(.33*.9)]/1.01$$

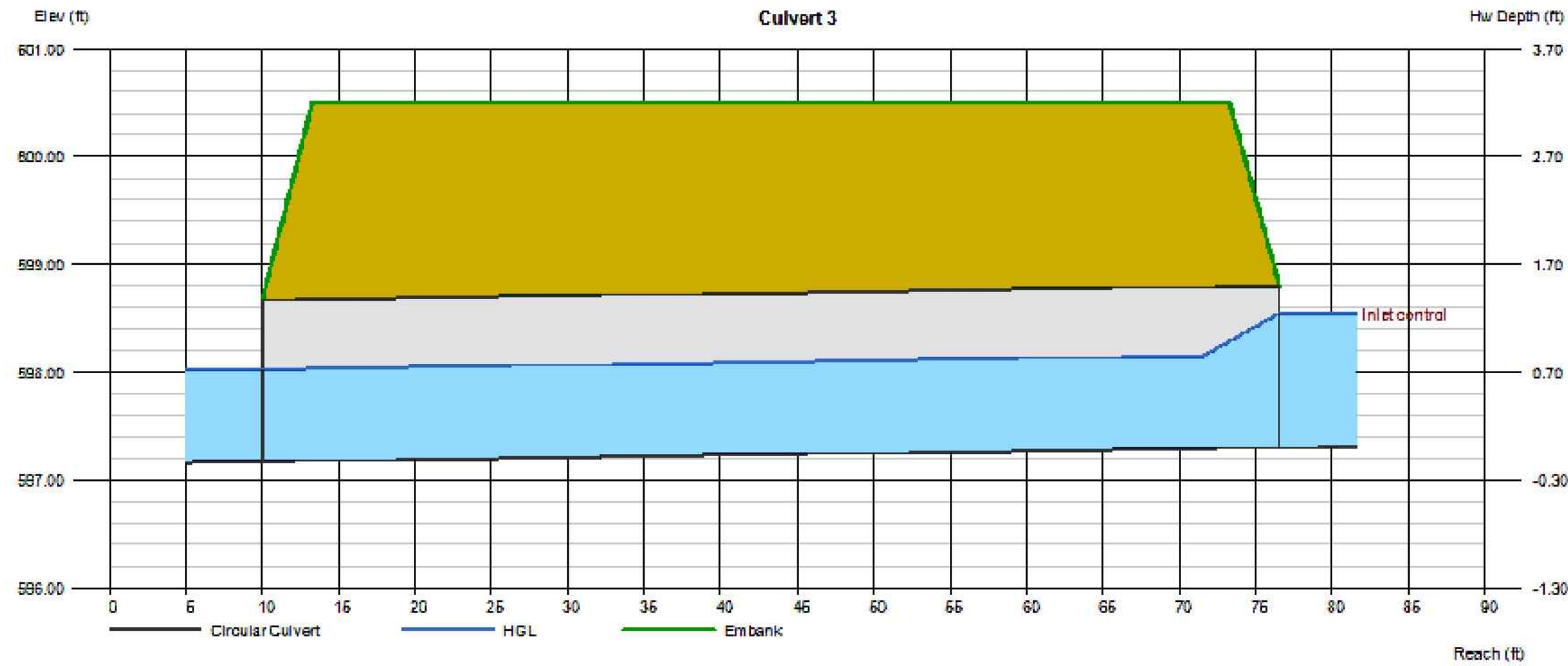
- DENOTES PARTIAL FLOW VELOCITY/DEPTH
- DENOTES NORMAL FLOW VELOCITY/DEPTH
- DENOTES HGL AT TOP OF PIPE (UPSTREAM PIPE IN FULL FLOW)
- DENOTES TIME OF CONCENTRATION SET SAME AS UPSTREAM JUNCTION.
- DENOTES SUPERCRITICAL FLOW REGIME.

[illegible]OF 35 SHEETS



(Source: FHWA Hydraulic Design of Highway Culverts 3rd Ed., 2012)

8-17




| Q | | | Velo | | Depth | | HGL | | | |
|-------|-------|-------|--------|--------|-------|-------|--------|--------|--------|------|
| Total | Pipe | Over | Dn | Up | Dn | Up | Dn | Up | Hw | HwD |
| (cfs) | (cfs) | (cfs) | (ft/s) | (ft/s) | (in) | (in) | (ft) | (ft) | (ft) | |
| 3.00 | 3.00 | 0.00 | 4.02 | 4.02 | 7.90 | 7.90 | 597.83 | 597.96 | 598.22 | 0.81 |
| 3.50 | 3.50 | 0.00 | 4.23 | 4.23 | 8.56 | 8.56 | 597.86 | 598.01 | 598.31 | 0.87 |
| 4.00 | 4.00 | 0.00 | 4.42 | 4.42 | 9.18 | 9.18 | 597.93 | 598.06 | 598.39 | 0.73 |
| 4.50 | 4.50 | 0.00 | 4.60 | 4.60 | 9.76 | 9.76 | 597.98 | 598.11 | 598.47 | 0.78 |
| 5.00 | 5.00 | 0.00 | 4.77 | 4.77 | 10.32 | 10.32 | 598.03 | 598.16 | 598.55 | 0.83 |

| DESIGN NODE | Kj | EQUATION |
|------------------------------|------|--|
| Inlet at end of line | 1.25 | LOSS=Kj $\frac{V_{out}^2}{2g}$ |
| 45° bend | 0.35 | |
| 60° bend | 0.43 | |
| Pipe size change | N/A | |
| 60° wye connection | 0.60 | LOSS= $\frac{V_{out}^2}{2g} - K_j \frac{V_{in}^2}{2g}$ |
| 45° wye connection | 0.75 | |
| Manhole without inflow (90°) | 0.25 | |
| Manhole with inflow (90°) | 0.25 | |

- (*) DENOTES PARTIAL FLOW VELOCITY/DEPTH
(~) DENOTES NORMAL FLOW VELOCITY/DEPTH
(~) DENOTES HGL AT TOP OF PIPE (UPSTREAM PIPE IN FULL FLOW)
[-] DENOTES TIME OF CONCENTRATION SET SAME AS UPSTREAM JUNCTION.
^ DENOTES SUPERCRITICAL FLOW REGIME.

NOTE: IN A SUPERCRITICAL FLOW REGIME WITH PARTIAL FLOW CONDITIONS, HEAD LOSSES ARE NOT GENERATED AT UPSTREAM JUNCTIONS. JUNCTION HEAD LOSS HAS BEEN SET TO ZERO.

| | | |
|--|----------|---|
| DATE | REVISION | BY |
| DRAINAGE CALCULATIONS | | |
| PANORAMA STREET | | |
| CITY OF PARKER COLLIN COUNTY, TEXAS | | |
| LJA Engineering, Inc.  6060 North Central Expressway Phone 469.621.0710 Suite 400 Dallas, Texas 75206 FRN - F-1386 | | |
| PRELIMINARY | | LJA PROJECT ID NT561-0133 |
| THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF VERONICA B. HADLEY, TEXAS P.E. #143748 ON 06 27 2023. THIS DOCUMENT IS NOT TO BE USED FOR THE PURPOSES OF CONSTRUCTION. | | DATE: JUN 2023 DESIGN: MARTINEZ DRAWN: MARTINEZ |
| | | SCALE HORIZ: N/A VERT: N/A |
| | | SHEET 18 OF 35 SHEETS |

- NOTES:
1. BOX CULVERTS ARE DESIGNED AS CAST-IN-PLACE.
 2. ALL INLETS ARE TO BE CAST IN PLACE UNLESS NOTED OTHERWISE.

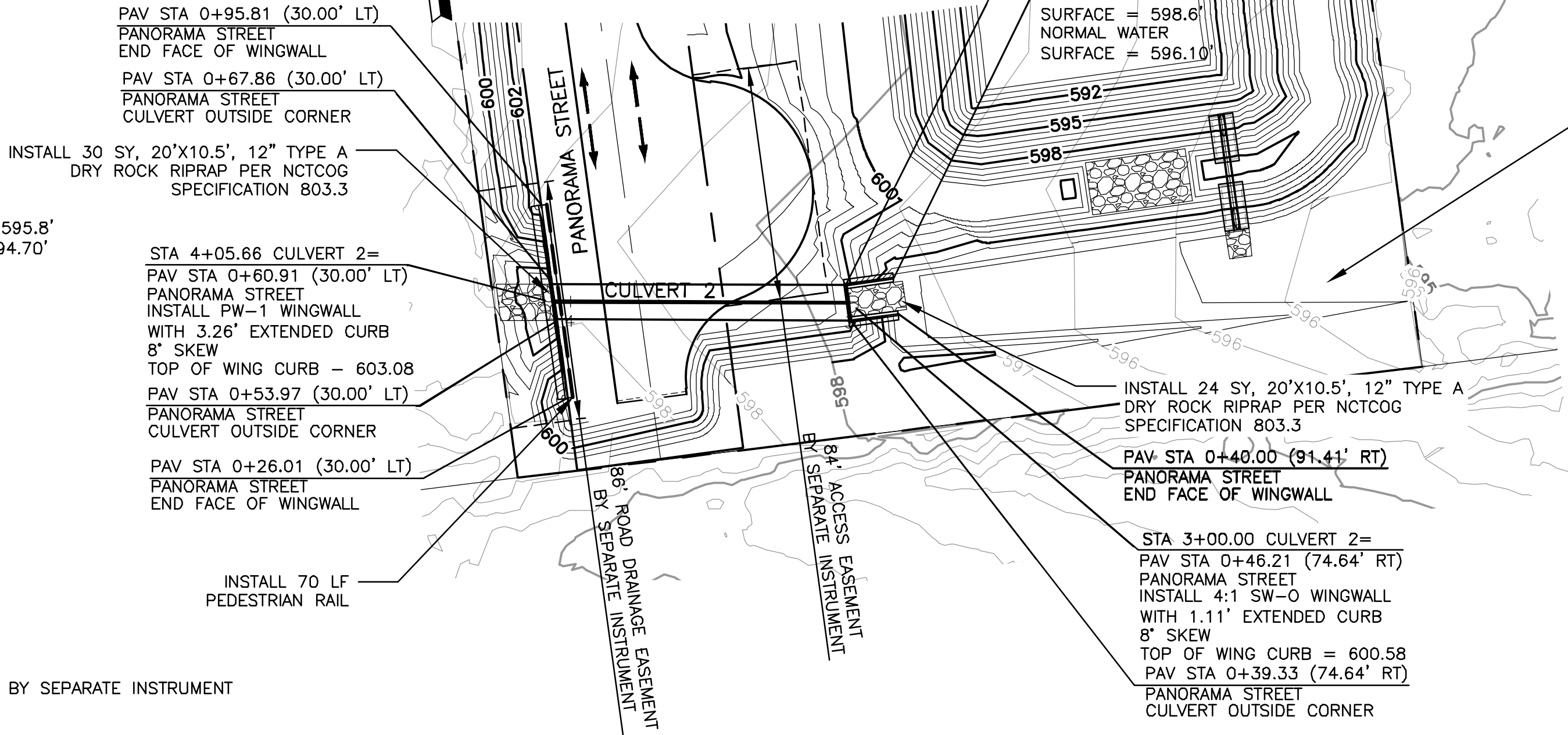
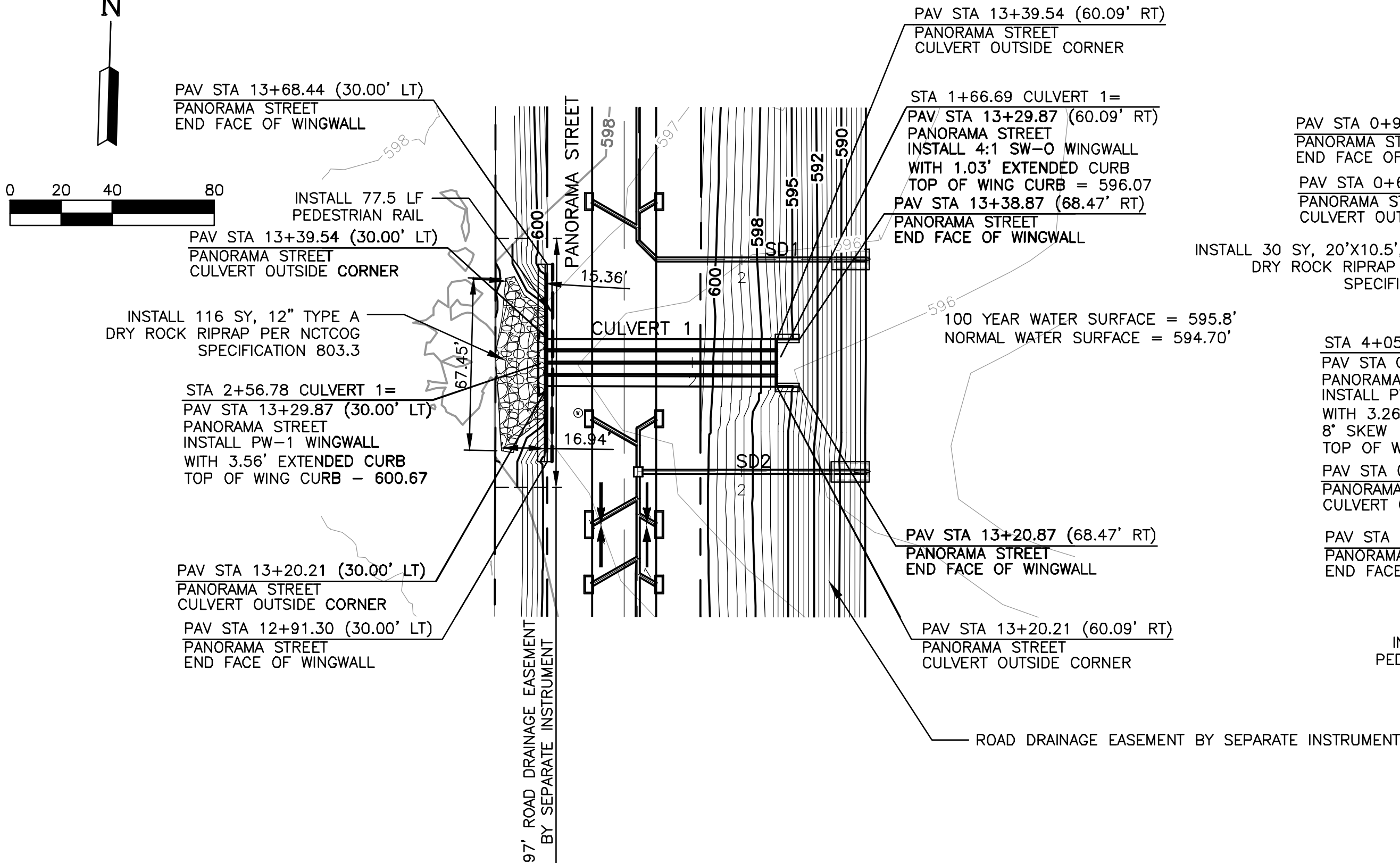
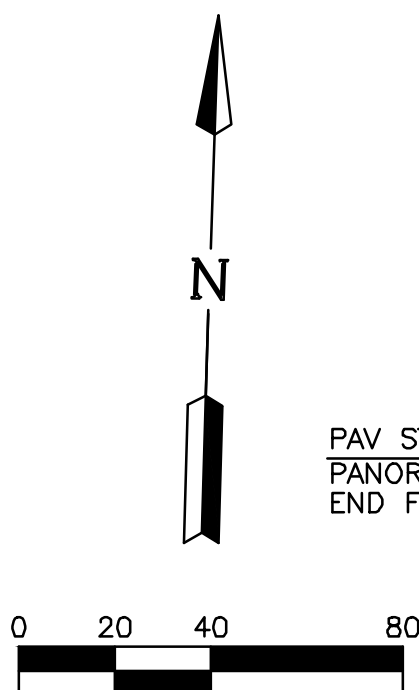
BENCHMARKS:

BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE.

ELEV 605.438

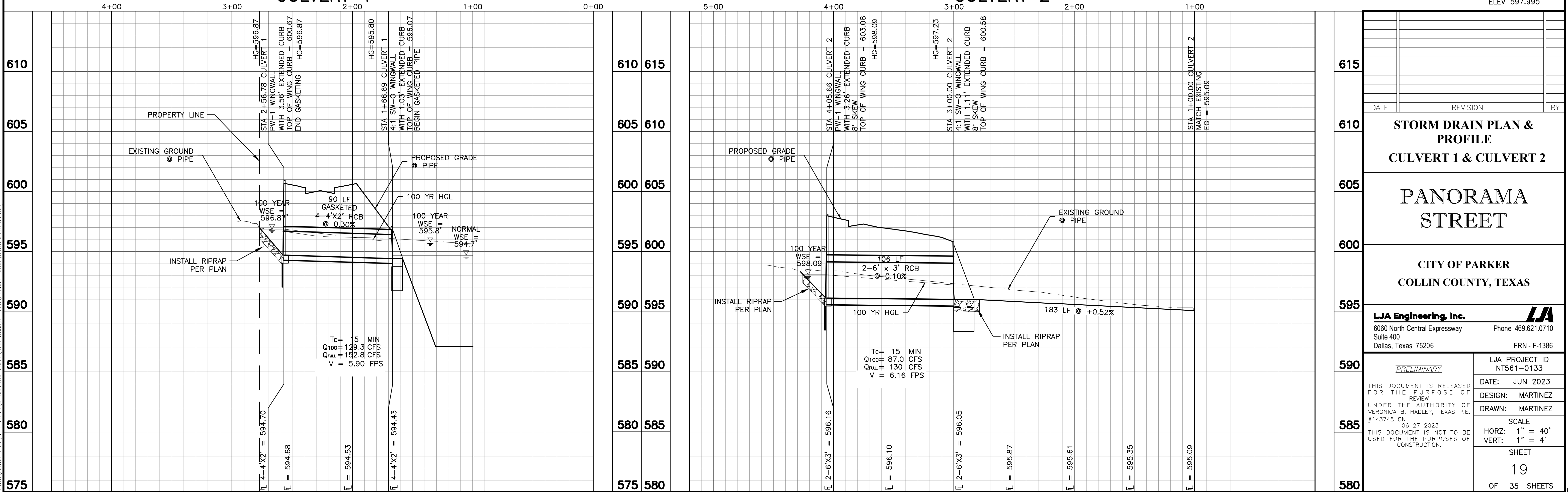
BM#3 5/8" IRON ROD WITH CAP STAMPED "RANDOM" SET ON THE SOUTH SIDE OF GREGORY LANE INSIDE THE CIRCLE DRIVEWAY OF THE SUBJECT TRACT, BEING APPROXIMATELY 526 FEET WEST OF THE INTERSECTION OF GREGORY LANE AND THE FIRST SOUTHBOUND ROAD EAST OF THE SUBJECT TRACT. SAID POINT IS ALSO APPROXIMATELY 87 FEET NORTH OF THE NORTHWEST CORNER OF THE HOUSE LOCATED ON THE SITE, AND APPROXIMATELY 15 FEET SOUTH OF THE OVERHEAD POWER LINES.

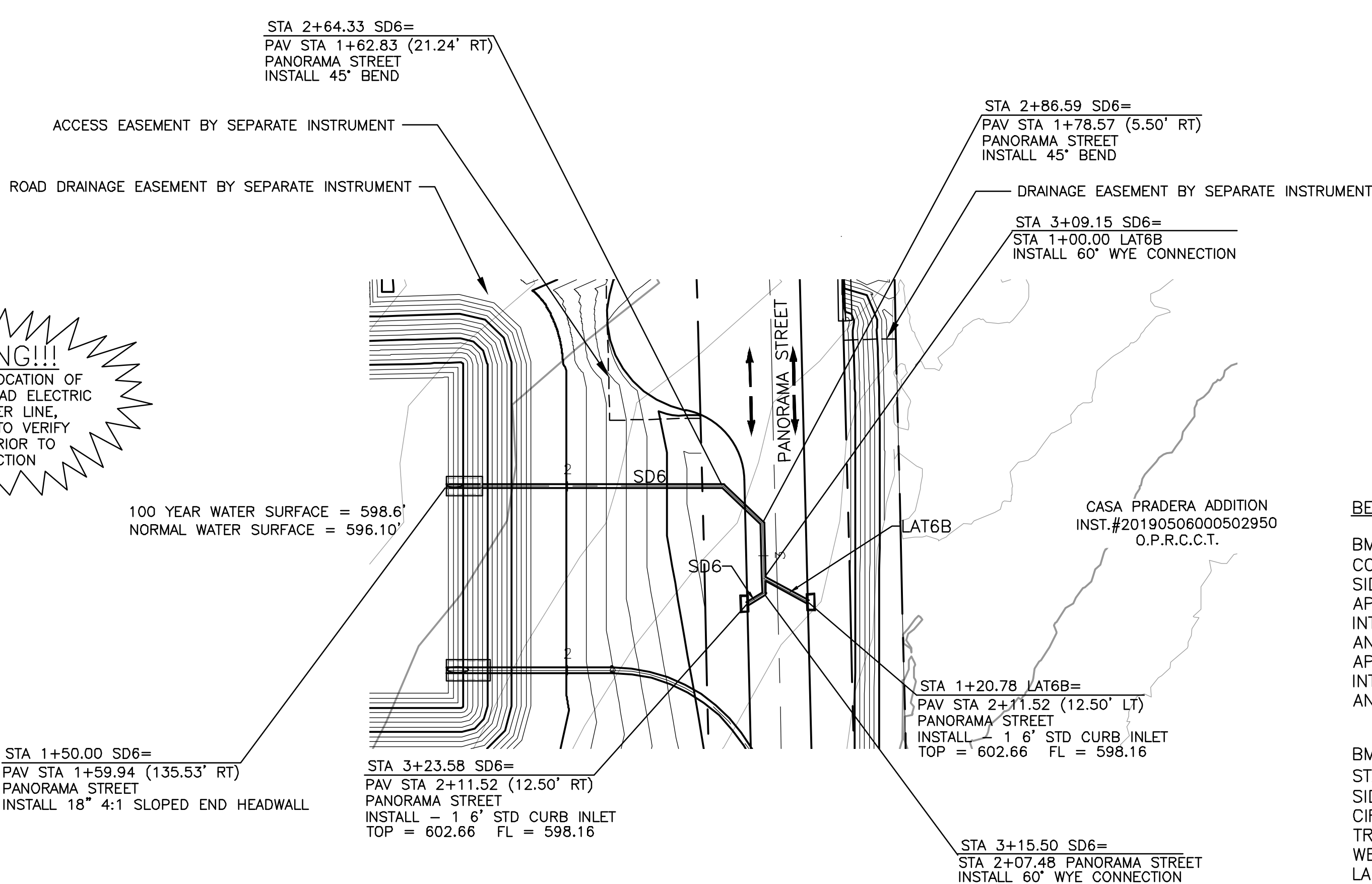
ELEV 597.995



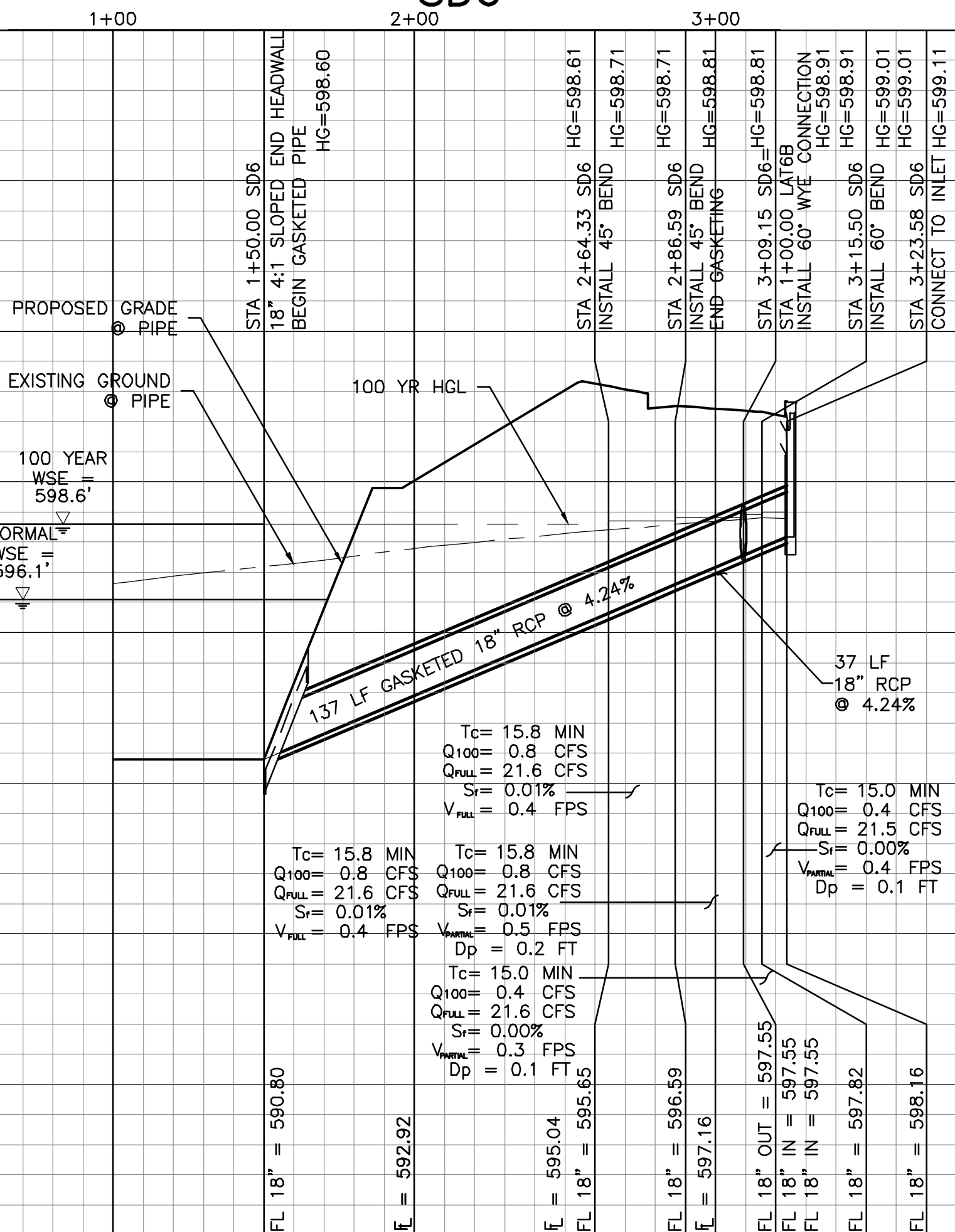
CULVERT 1

CULVERT 2





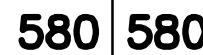
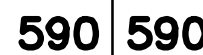
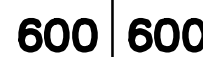
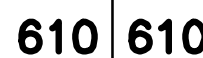
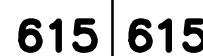
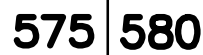
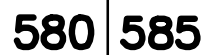
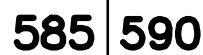
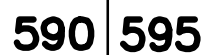
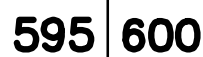
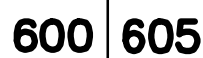
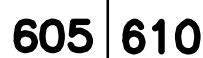
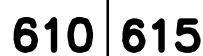
BM#3 5/8" IRON ROD WITH CAP
STAMPED "RANDOM" SET ON THE SOUTH
SIDE OF GREGORY LANE INSIDE THE
CIRCLE DRIVEWAY OF THE SUBJECT
TRACT, BEING APPROXIMATELY 526 FEET
WEST OF THE INTERSECTION OF GREGORY
LANE AND THE FIRST SOUTHBOUND ROAD
EAST OF THE SUBJECT TRACT. SAID
POINT IS ALSO APPROXIMATELY 87 FEET
NORTH OF THE NORTHWEST CORNER OF
THE HOUSE LOCATED ON THE SITE, AND
APPROXIMATELY 15 FEET SOUTH OF THE
OVERHEAD POWER LINES.

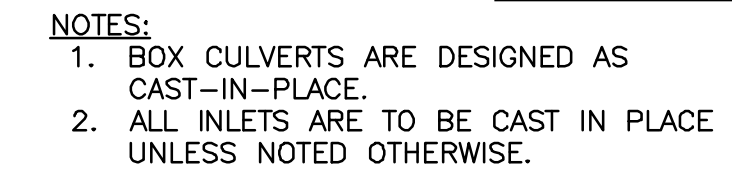
[illegible]

- ### BENCHMARKS:

ELEV 605.438

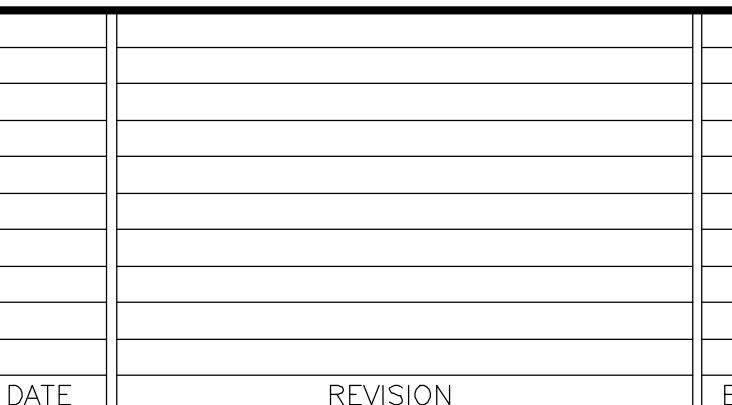
ELEV 597.995

29



BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE.

BM#3 5/8" IRON ROD WITH CAP
STAMPED "RANDOM" SET ON THE SOUTH-
SIDE OF GREGORY LANE INSIDE THE
CIRCLE DRIVEWAY OF THE SUBJECT
TRACT, BEING APPROXIMATELY 526 FEET
WEST OF THE INTERSECTION OF GREGORY
LANE AND THE FIRST SOUTHBOUND ROAD
EAST OF THE SUBJECT TRACT. SAID
POINT IS ALSO APPROXIMATELY 87 FEET
NORTH OF THE NORTHWEST CORNER OF
THE HOUSE LOCATED ON THE SITE, AND
APPROXIMATELY 15 FEET SOUTH OF THE
OVERHEAD POWER LINES.



PANORAMA STREET

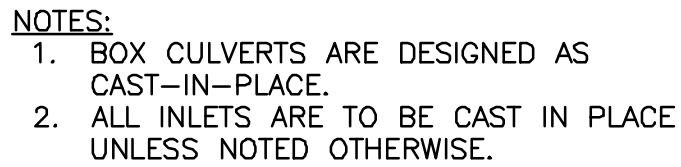
6060 North Central Expressway Phone 469.621.0710
Suite 400
Dallas, Texas 75206 FRN - F-1386

LJA PROJECT ID
NT561-0133

DATE: JUN 2023

| | |
|---------|----------|
| DESIGN: | MARTINEZ |
| DAWN: | MARTINEZ |

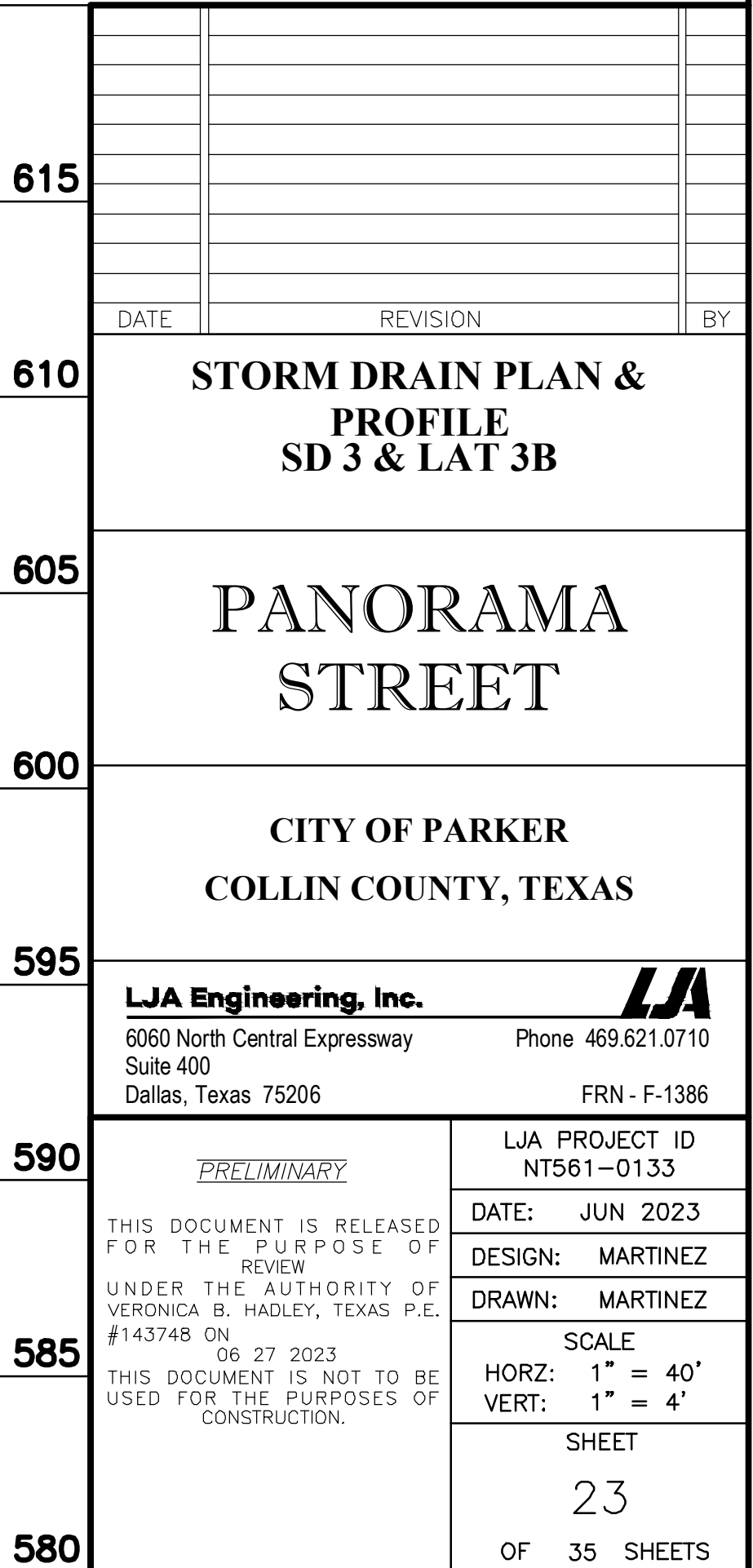
22

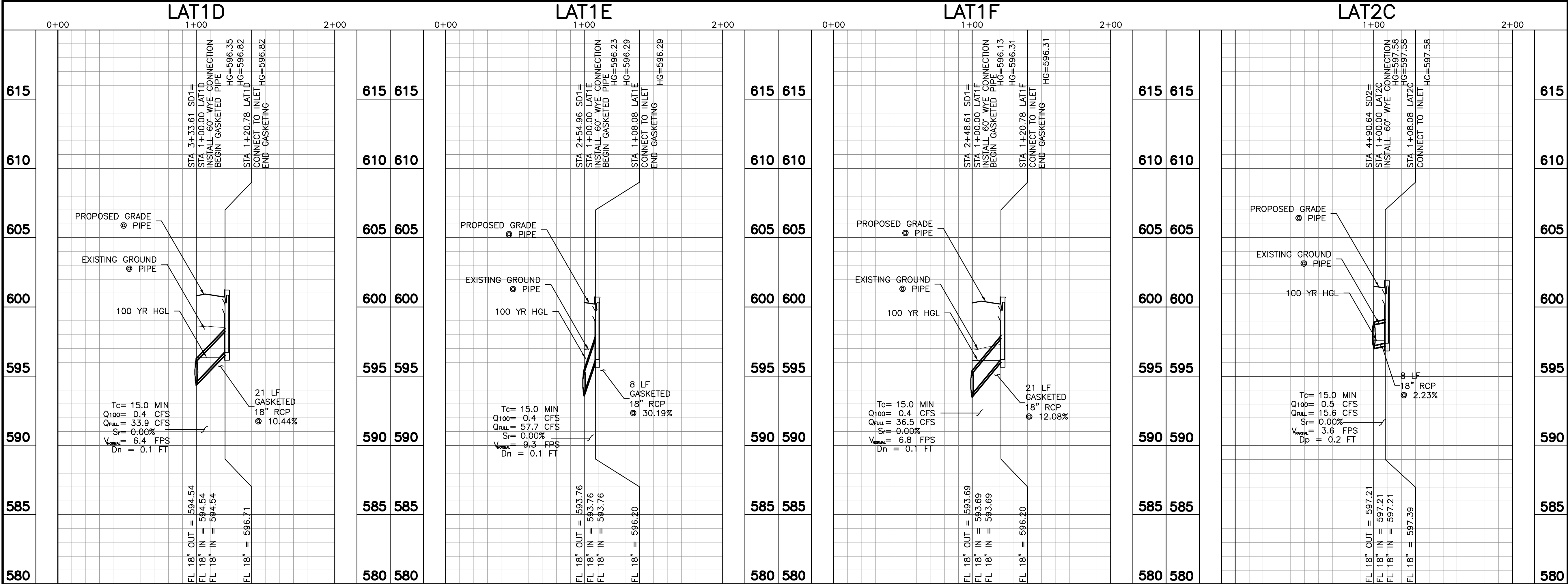


| CENTERLINE CURVE DATA | | | | | |
|-----------------------|-----------|--------|---------|-------------|--------|
| CV# | DELTA | RADIUS | LENGTH | CHORD | C-L |
| C1 | 88°33'11" | 65.00' | 100.46' | N45°07'00"W | 90.76' |

BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE.

BM#3 5/8" IRON ROD WITH CAP
STAMPED "RANDOM" SET ON THE SOUTH
SIDE OF GREGORY LANE INSIDE THE
CIRCLE DRIVEWAY OF THE SUBJECT
TRACT, BEING APPROXIMATELY 526 FEET
WEST OF THE INTERSECTION OF GREGORY
LANE AND THE FIRST SOUTHBOUND ROAD
EAST OF THE SUBJECT TRACT. SAID
POINT IS ALSO APPROXIMATELY 87 FEET
NORTH OF THE NORTHWEST CORNER OF
THE HOUSE LOCATED ON THE SITE, AND
APPROXIMATELY 15 FEET SOUTH OF THE
OVERHEAD POWER LINES.





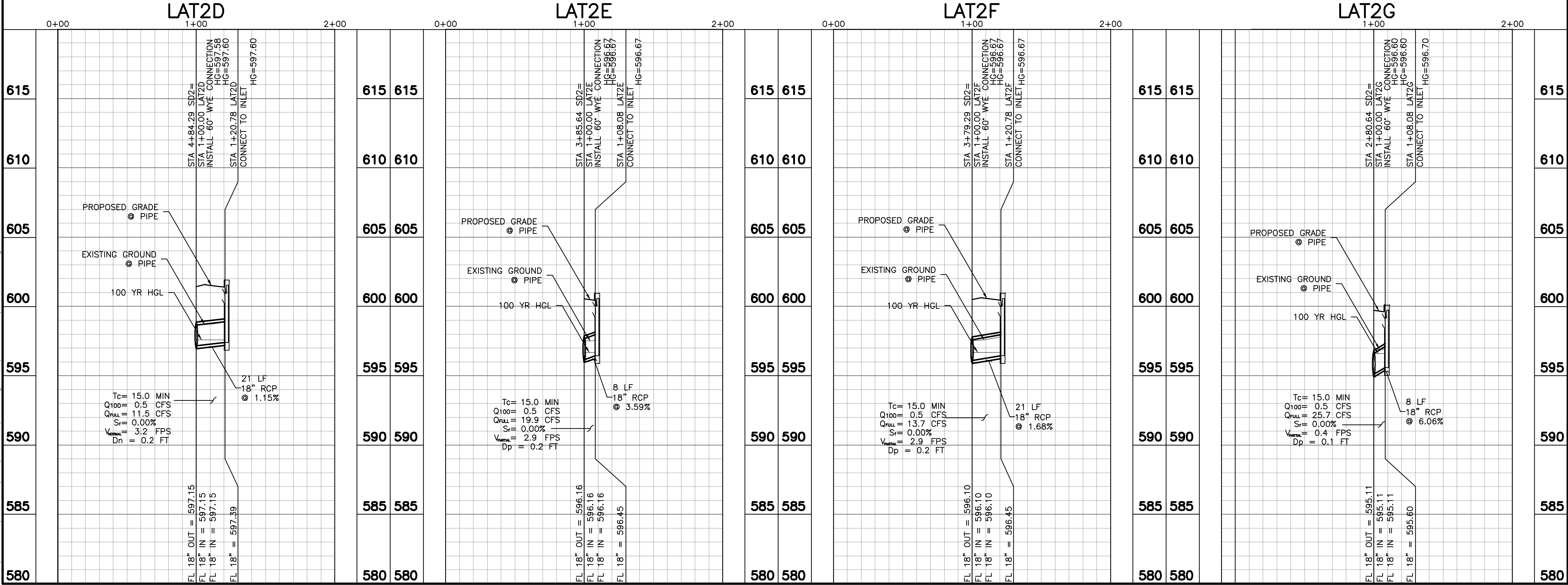
BENCHMARKS:

BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE.

ELEV 605.438

BM#3 5/8" IRON ROD WITH CAP STAMPED "RANDOM" SET ON THE SOUTH SIDE OF GREGORY LANE INSIDE THE CIRCLE DRIVEWAY OF THE SUBJECT TRACT, BEING APPROXIMATELY 526 FEET WEST OF THE INTERSECTION OF GREGORY LANE AND THE FIRST SOUTHBOUND ROAD EAST OF THE SUBJECT TRACT. SAID POINT IS ALSO APPROXIMATELY 87 FEET NORTH OF THE NORTHWEST CORNER OF THE HOUSE LOCATED ON THE SITE, AND APPROXIMATELY 15 FEET SOUTH OF THE OVERHEAD POWER LINES.

ELEV 597.995



DATE

REVISION

BY

STORM DRAIN PLAN & PROFILE

LAT 1D, 1E, 1F, 2C, 2D, 2E, 2F, & 2G

PANORAMA STREET

CITY OF PARKER

COLLIN COUNTY, TEXAS

LJA Engineering, Inc.

6060 North Central Expressway
Suite 400
Dallas, Texas 75206

Phone 469.621.0710
FRN - F-1386

PRELIMINARY

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF VERONICA B. HADLEY, TEXAS P.E. #143748 ON 06 27 2023. THIS DOCUMENT IS NOT TO BE USED FOR THE PURPOSES OF CONSTRUCTION.

LJA PROJECT ID
NT561-0133

DATE: JUN 2023

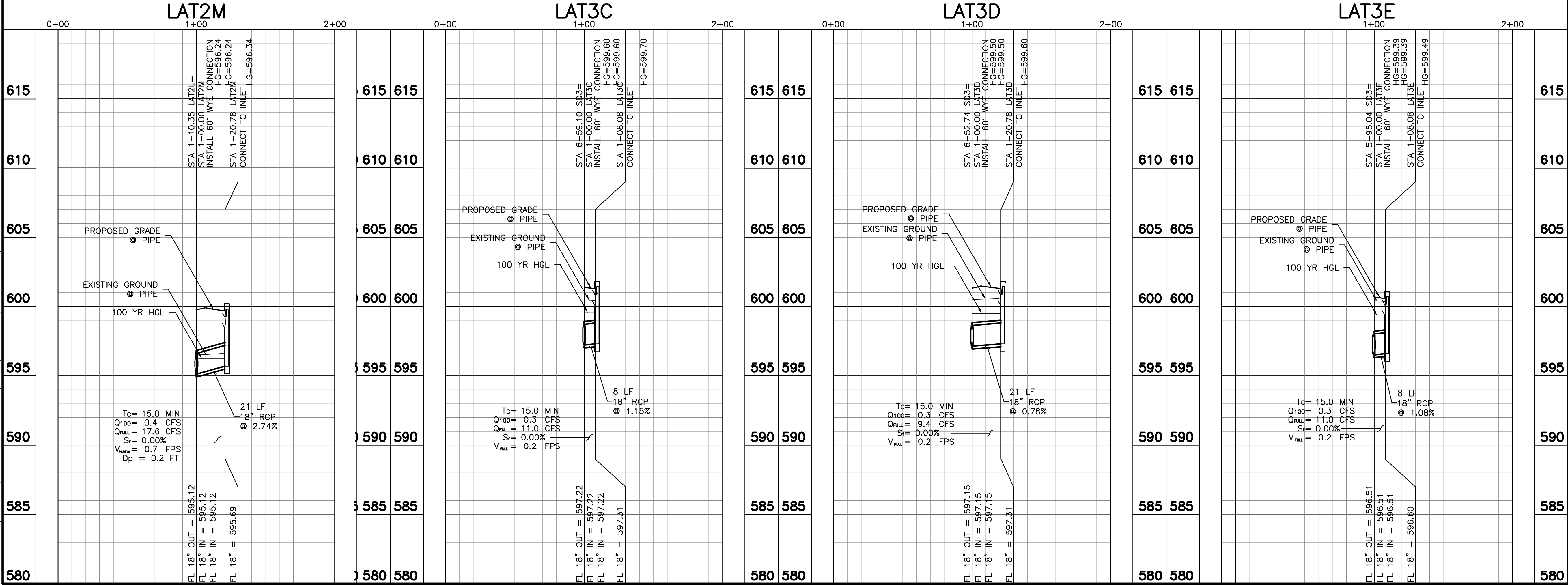
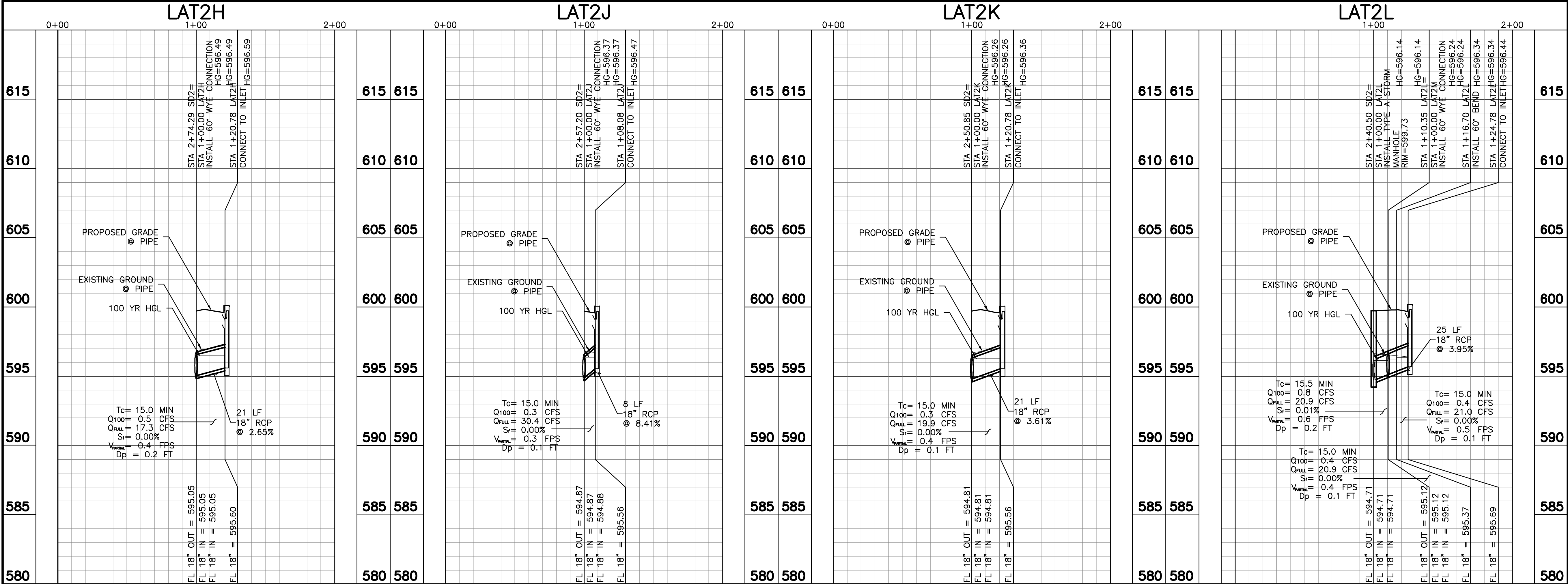
DESIGN: MARTINEZ

DRAWN: MARTINEZ

SCALE
HORZ: 1" = 40'
VERT: 1" = 4'

SHEET
25
OF 35 SHEETS

PANORAMA STREET



BENCHMARKS:

BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE.

ELEV 605.438

BM#3 5/8" IRON ROD WITH CAP STAMPED "RANDOM" SET ON THE SOUTH SIDE OF GREGORY LANE INSIDE THE CIRCLE DRIVEWAY OF THE SUBJECT TRACT, BEING APPROXIMATELY 526 FEET WEST OF THE INTERSECTION OF GREGORY LANE AND THE FIRST SOUTHBOUND ROAD EAST OF THE SUBJECT TRACT. SAID POINT IS ALSO APPROXIMATELY 87 FEET NORTH OF THE NORTHWEST CORNER OF THE HOUSE LOCATED ON THE SITE, AND APPROXIMATELY 15 FEET SOUTH OF THE OVERHEAD POWER LINES.


ELEV 597.995

| | | |
|------|----------|----|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| DATE | REVISION | BY |

**STORM DRAIN PLAN &
PROFILE
LAT 2H, 2J, 2K, 2L, 2M,
3C, 3D, & 3E**

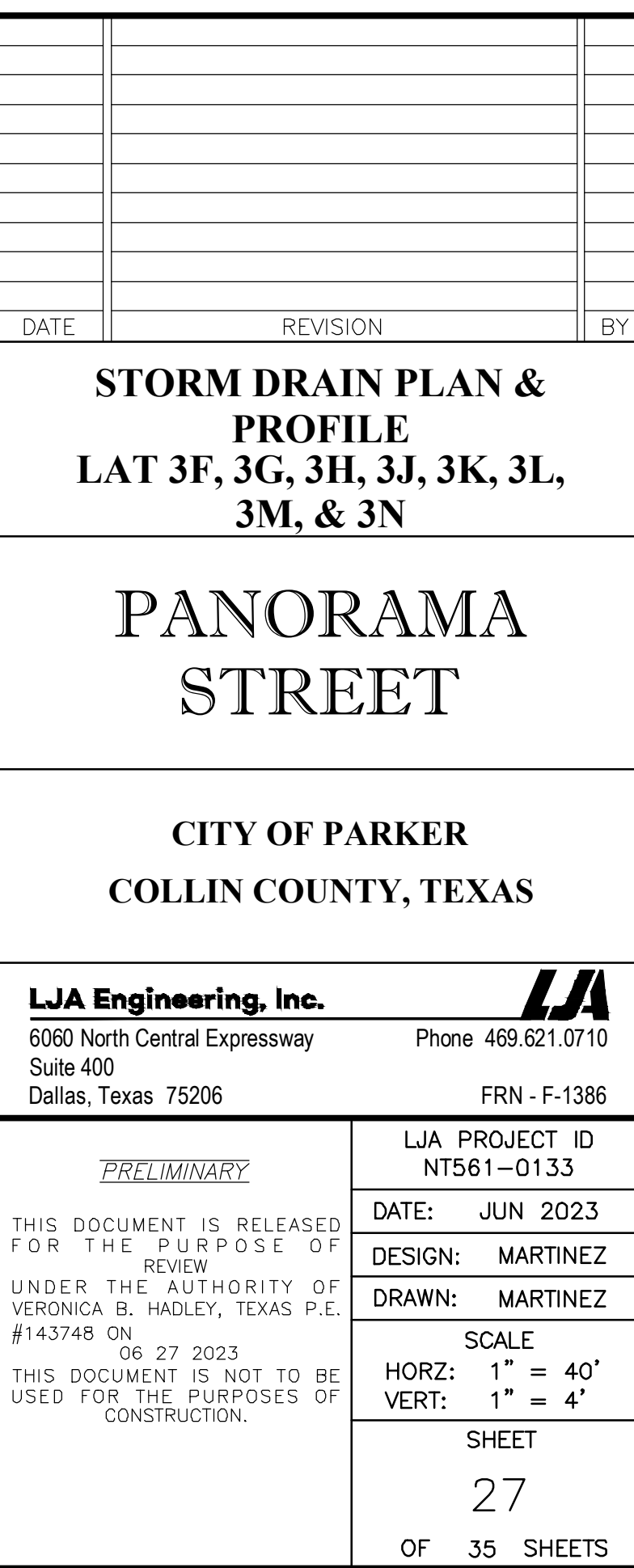
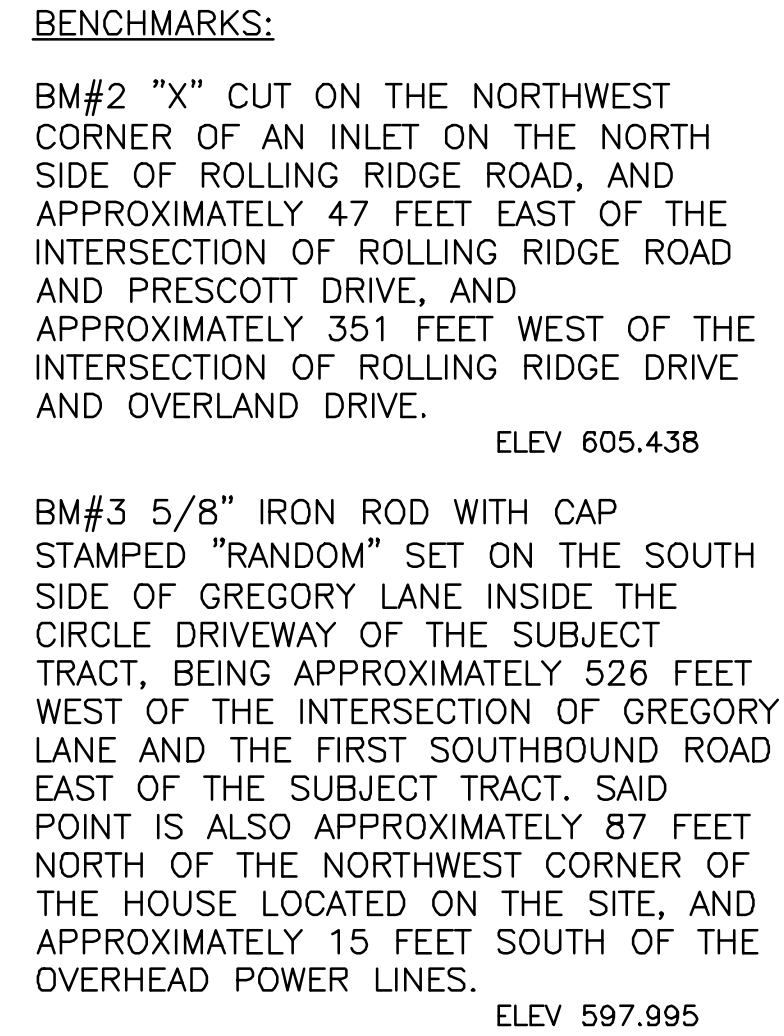
PANORAMA STREET

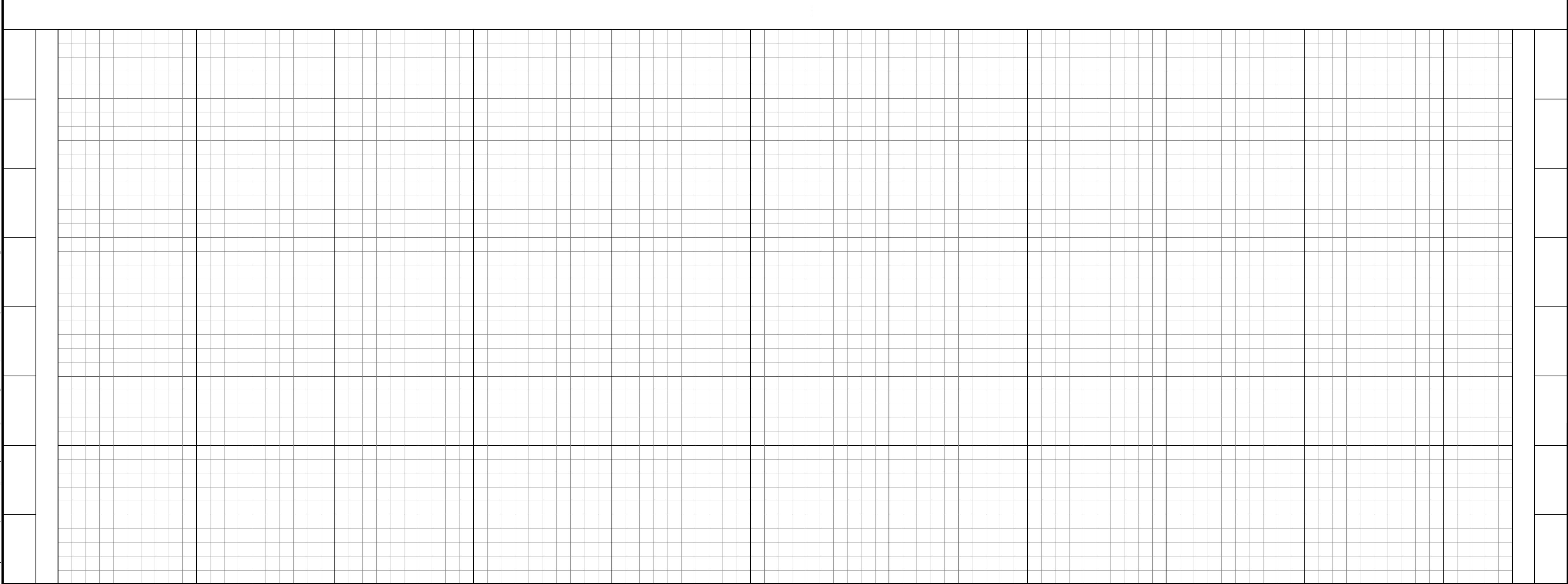
CITY OF PARKER
COLLIN COUNTY, TEXAS

LJA Engineering, Inc. 

6060 North Central Expressway Phone 469.621.0710
Suite 400
Dallas, Texas 75206 FRN - F-1386

| | |
|--|--|
| <p><u>PRELIMINARY</u></p> <p>THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF VERONICA B. HADLEY, TEXAS P.E. #143748 ON 06 27 2023.</p> <p>THIS DOCUMENT IS NOT TO BE USED FOR THE PURPOSES OF CONSTRUCTION.</p> | <p>DATE: JUN 2023</p> |
| | <p>DESIGN: MARTINEZ</p> |
| | <p>DRAWN: MARTINEZ</p> |
| | <p>SCALE</p> <p>HORIZ: 1" = 40'</p> <p>VERT: 1" = 4'</p> |
| <p>SHEET</p> <p>26</p> <p>OF 35 SHEETS</p> | |





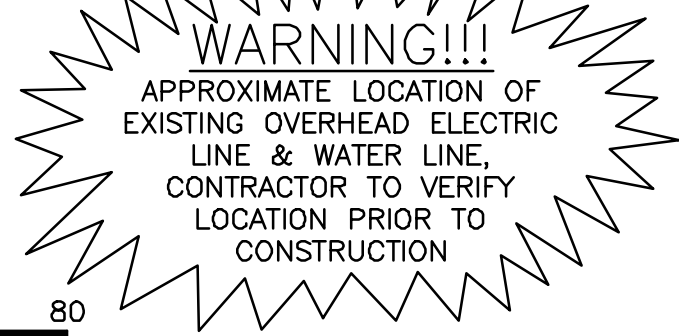
BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE.

BM#3 5/8" IRON ROD WITH CAP
STAMPED "RANDOM" SET ON THE SOUTH
SIDE OF GREGORY LANE INSIDE THE
CIRCLE DRIVEWAY OF THE SUBJECT
TRACT, BEING APPROXIMATELY 526 FEET
WEST OF THE INTERSECTION OF GREGORY
LANE AND THE FIRST SOUTHBOUND ROAD
EAST OF THE SUBJECT TRACT. SAID
POINT IS ALSO APPROXIMATELY 87 FEET
NORTH OF THE NORTHWEST CORNER OF
THE HOUSE LOCATED ON THE SITE, AND
APPROXIMATELY 15 FEET SOUTH OF THE
OVERHEAD POWER LINES.

STORM DRAIN PLAN & PROFILE LAT 3P, 3Q, & 3R

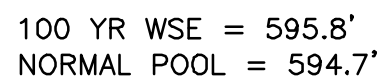
**CITY OF PARKER
COLLIN COUNTY, TEXAS**

| | |
|---|--|
| <p><u>PRELIMINARY</u></p> <p>HIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF FERONICA B. HADLEY, TEXAS P.E., 143748 ON 06 27 2023</p> <p>HIS DOCUMENT IS NOT TO BE USED FOR THE PURPOSES OF CONSTRUCTION.</p> | <p>LJA PROJECT ID NT561-0133</p> |
| | <p>DATE: JUN 2023</p> |
| | <p>DESIGN: MARTINEZ</p> |
| | <p>DRAWN: MARTINEZ</p> |
| | <p>SCALE</p> <p>HORIZ: 1" = 40'</p> <p>VERT: 1" = 4'</p> |
| <p>SHEET</p> <p>28</p> <p>OF 35 SHEETS</p> | |



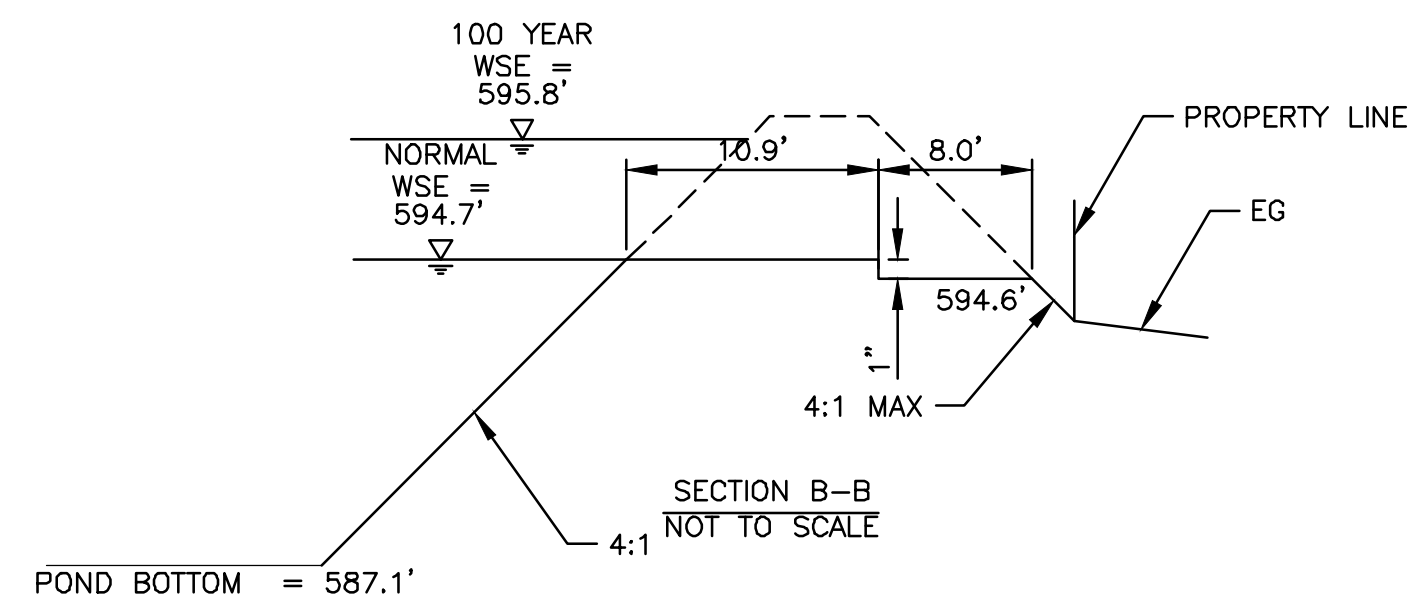
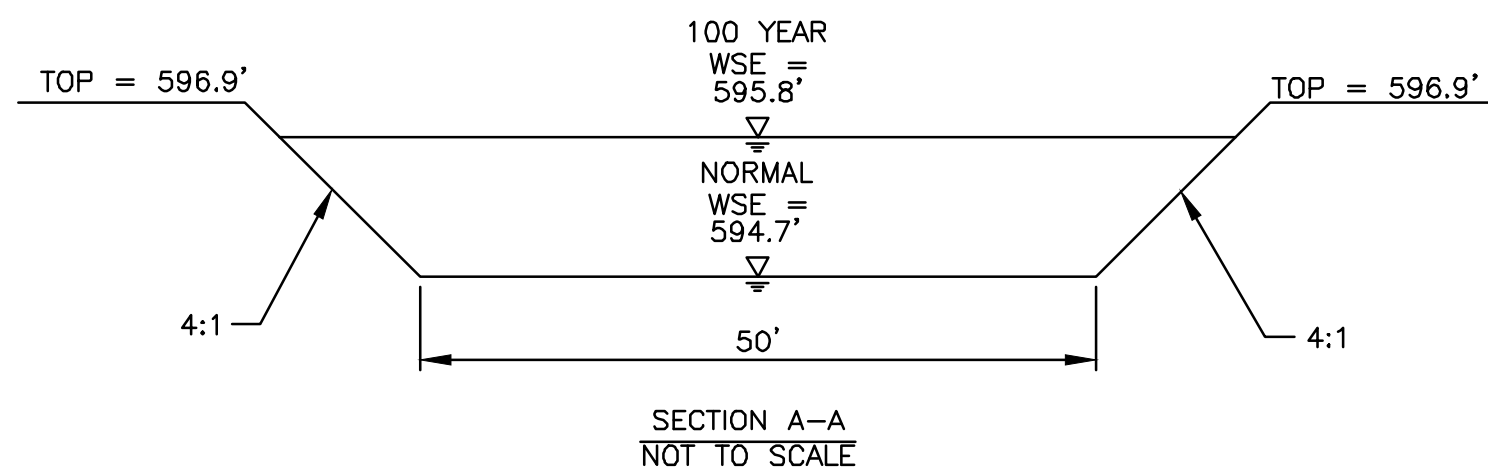
CASA PRADERA ADDITION
INST.#20080301010000960
O.P.R.C.C.T.

*Release rate from primary outlet structure during 100-yr storm event.

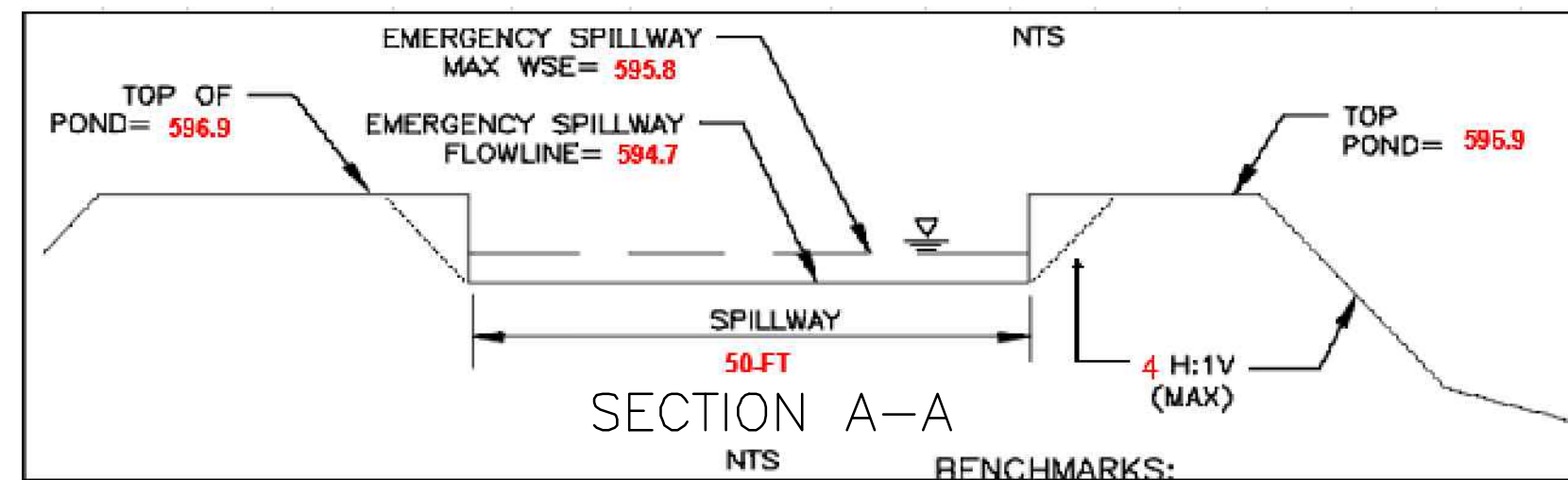
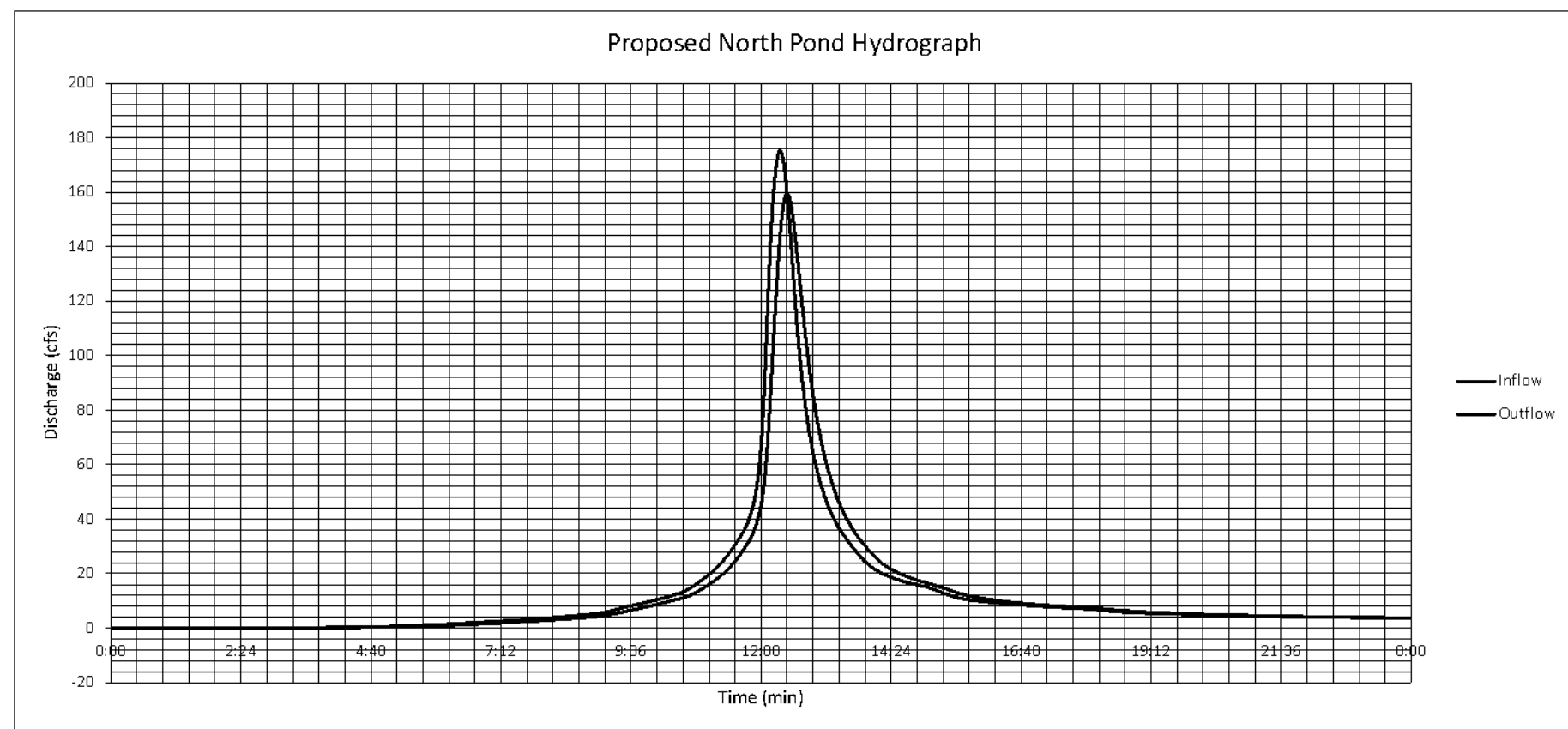


WILLIAM C. AND
KATHERINE CALABRIA HARVEY
JOINT GRANTORS TRUST
TRACT 1
INST.#20111028001162290
INST.#20170417000474280
O.P.R.C.C.T

WILLIAM C. AND KATHERINE CALABRIA HARVEY
JOINT GRANTORS TRUST
TRACT II
INST. #20111028001162290
INST. #20170417000474280
O.P.R.C.C.T



| SPILLWAY DESIGN CALCULATIONS | | |
|---|----------|---|
| Q = CLH ^{1.5} Eqn 2.16, ISWM Technical Manual – Hydraulics | | |
| C= | 2.6 | Per Table 2.4, ISWM Technical Manual - Hydraulics |
| L= | 50 ft | Per construction drawings |
| Elev= | 596.9 ft | Top of Pond |
| H= | 1.1 ft | Design Spillway Depth |
| Elev= | 595.8 ft | Maximum allowed Spillway WSEL |
| Elev= | 594.7 ft | Spillway Crest |
| SS= | 4 :1 | Trapezoidal Side Slope |
| Q= | 163 cfs | Spillway Capacity |



| SPILLWAY DISCHARGE** | | |
|----------------------|---------|--------|
| WSL (FT) | Q (CFS) | H (FT) |
| 594.7 | 0.0 | 0.00 |
| 594.8 | 4.1 | 0.10 |
| 594.9 | 11.8 | 0.20 |
| 595 | 21.9 | 0.30 |
| 595.1 | 33.9 | 0.40 |
| 595.2 | 47.7 | 0.50 |
| 595.3 | 63.2 | 0.60 |
| 595.4 | 80.2 | 0.70 |
| 595.5 | 98.7 | 0.80 |
| 595.6 | 118.7 | 0.90 |
| 595.7 | 140.0 | 1.00 |
| 595.8 | 162.6 | 1.10 |
| 595.9 | 186.6 | 1.20 |
| 596 | 211.9 | 1.30 |
| 596.1 | 238.5 | 1.40 |
| 596.2 | 266.3 | 1.50 |
| 596.3 | 295.4 | 1.60 |
| 596.4 | 325.7 | 1.70 |
| 596.5 | 357.3 | 1.80 |
| 596.6 | 390.1 | 1.90 |
| 596.7 | 424.1 | 2.00 |
| 596.8 | 459.3 | 2.10 |
| 596.9 | 495.8 | 2.20 |

BENCHMARKS:

BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE.

ELEV 605.438

BM#3 5/8" IRON ROD WITH CAP
STAMPED "RANDOM" SET ON THE SOUTH
SIDE OF GREGORY LANE INSIDE THE
CIRCLE DRIVEWAY OF THE SUBJECT
TRACT, BEING APPROXIMATELY 526 FEET
WEST OF THE INTERSECTION OF GREGORY
LANE AND THE FIRST SOUTHBOUND ROAD
EAST OF THE SUBJECT TRACT. SAID
POINT IS ALSO APPROXIMATELY 87 FEET
NORTH OF THE NORTHWEST CORNER OF
THE HOUSE LOCATED ON THE SITE, AND
APPROXIMATELY 15 FEET SOUTH OF THE
OVERHEAD POWER LINES.

ELEV 597.995

| | | |
|------|----------|----|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| DATE | REVISION | BY |

DETENTION PLAN

NORTH POND

PANORAMA STREET

CITY OF PARKER
COLLIN COUNTY, TEXAS

LJA Engineering, Inc.

LJA

6060 North Central Expressway
Suite 400
Dallas, Texas 75206

Phone 469.621.0710

PRELIMINARY

THIS DOCUMENT IS RELEASED
FOR THE PURPOSE OF
REVIEW

UNDER THE AUTHORITY OF
VERONICA B. HADLEY, TEXAS P.E.
#143748 ON

06 27 2023
THIS DOCUMENT IS NOT TO BE
USED FOR THE PURPOSES OF
CONSTRUCTION.

LJA PROJECT ID
NT561-0133

DATE: JUN 2023

DESIGN: MARTINEZ

DRAWN: MARTINEZ

DRAWN. MARTINEZ

SCALE

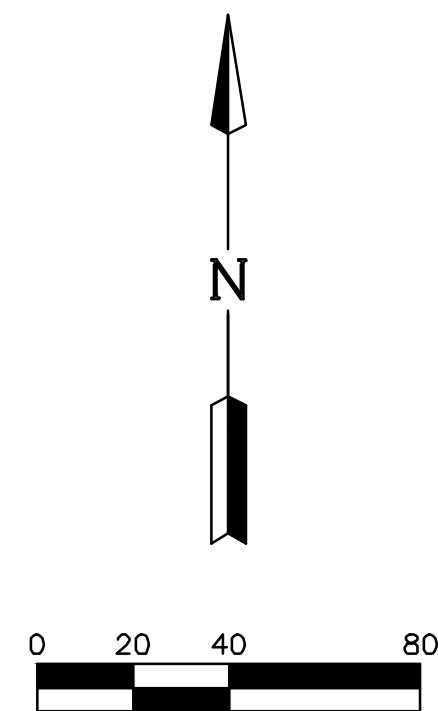
HORZ: 1" = 40'

VERT: N/A

SHEET

29

25 35 QUESTIONS



| Turner Tract - Access Road Proposed Pond-South Hydrology | | | | | |
|--|-------|-------|-------|-------|--------|
| FREQUENCY | 1-YR | 2-YR | 25-YR | 50-YR | 100-YR |
| INFLOW (CFS) | 15 | 16 | 34 | 38 | 43 |
| OUTFLOW (CFS) | 4 | 5 | 12 | 14 | 16 |
| WSEL (FT) | 597.2 | 597.3 | 598.2 | 598.4 | 598.6 |
| VOLUME (AC-FT) | 0.4 | 0.5 | 1.0 | 1.1 | 1.2 |
| TOP OF POND (FT) | 599.8 | | | | |
| NORMAL HIGH WATER LEVEL (FT) | 596.1 | | | | |
| BOTTOM OF POND (FT) | 590.8 | | | | |

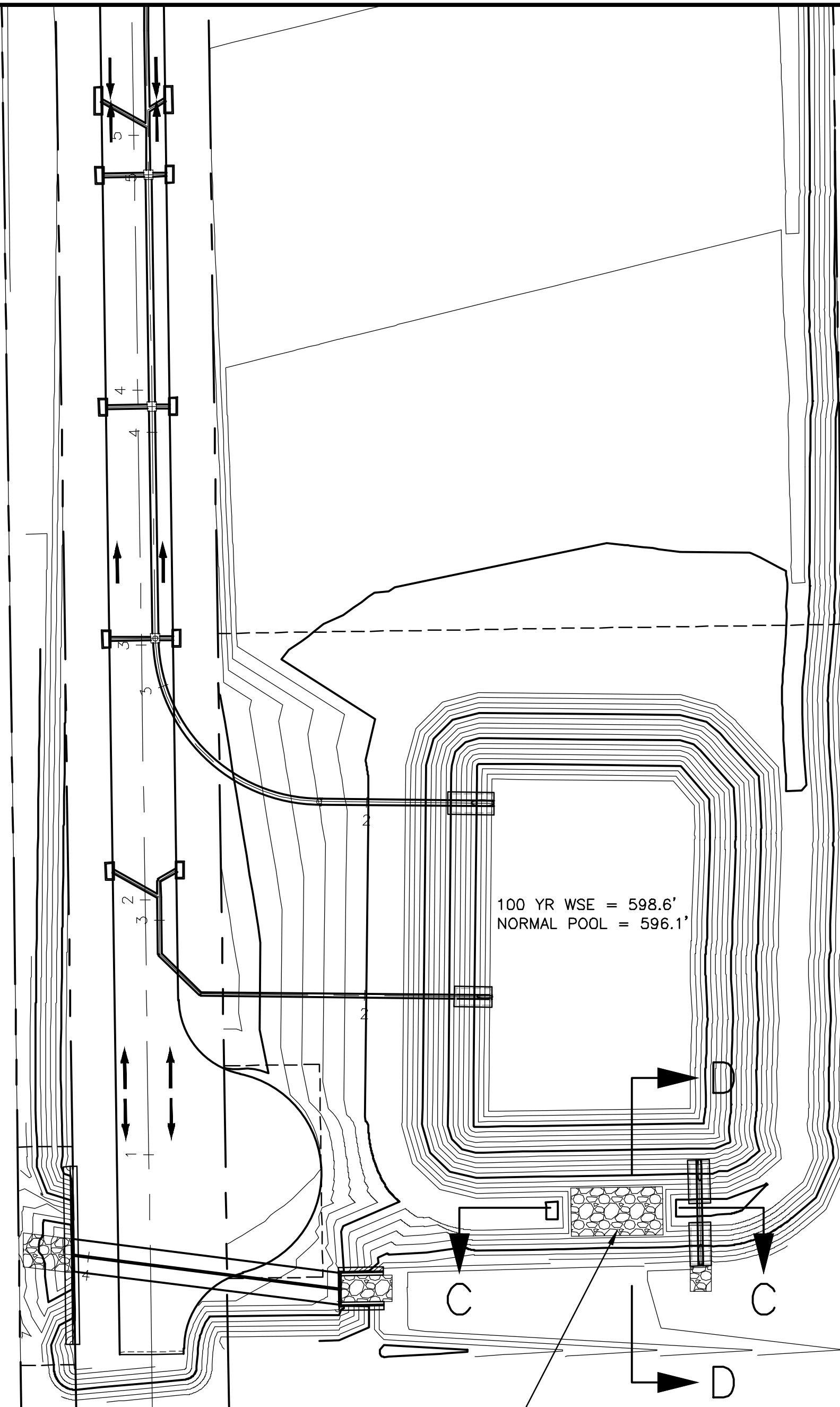
| EMERGENCY SPILLWAY DISCHARGE** | | |
|--------------------------------|---------|--------|
| WSEL (FT) | Q (CFS) | H (FT) |
| 598.7 | 0.0 | 0.00 |
| 598.8 | 3.0 | 0.10 |
| 598.9 | 8.6 | 0.20 |
| 599 | 15.9 | 0.30 |
| 599.1 | 24.7 | 0.40 |
| 599.2 | 34.9 | 0.50 |
| 599.3 | 46.3 | 0.60 |
| 599.4 | 58.9 | 0.70 |
| 599.5 | 72.7 | 0.80 |
| 599.6 | 87.6 | 0.90 |
| 599.7 | 103.6 | 1.00 |
| 599.8 | 120.6 | 1.10 |

**Assuming 100% blockage of the primary outlet structure during 100-yr storm event.

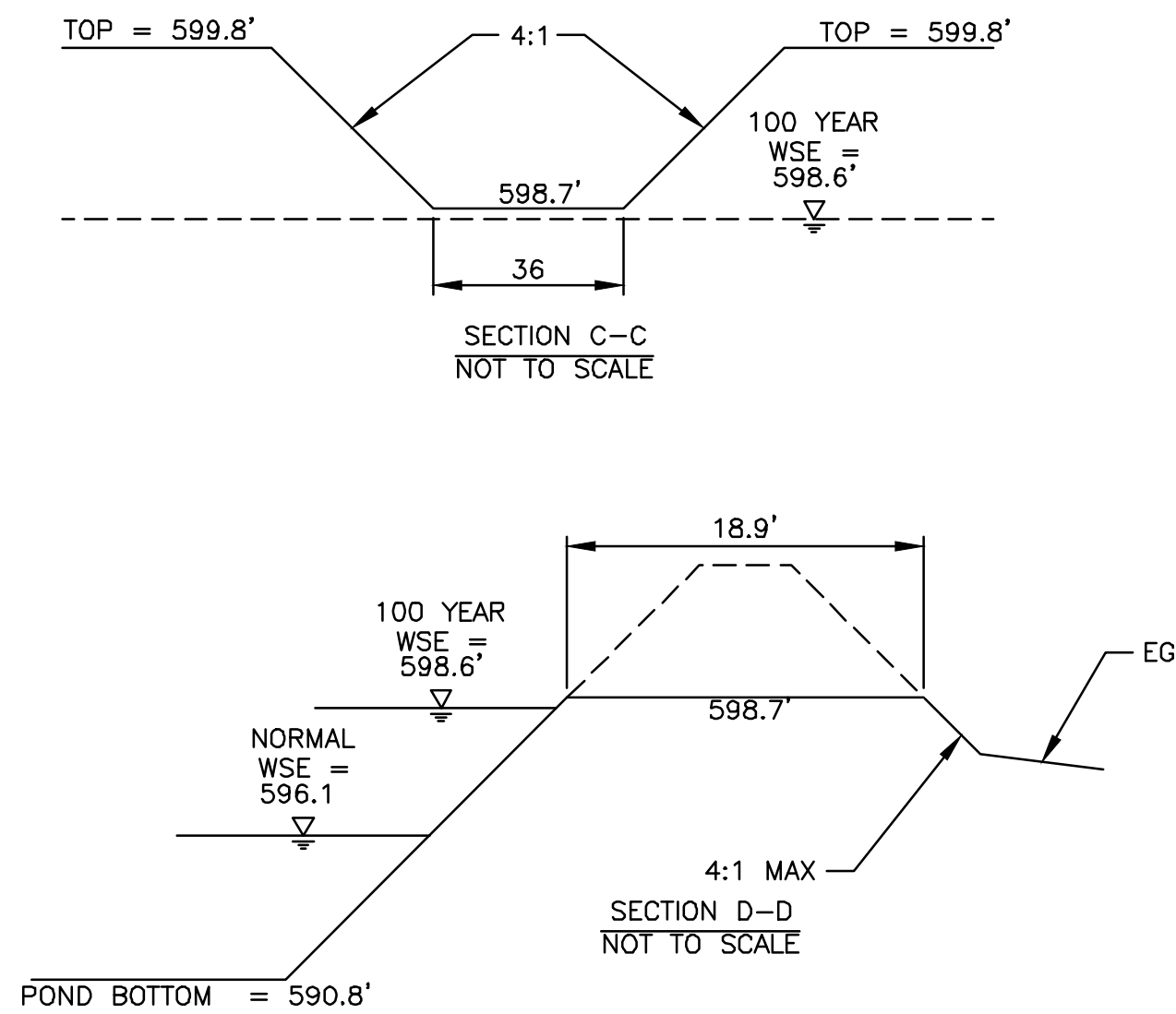
| Turner Tract - Access Road Proposed South Pond 100-YR Stage-Storage | | | | | |
|---|------------|-----------|----------------|------------------|---------------------|
| ELEVATION (FT) | STAGE (FT) | AREA (AC) | VOLUME (AC-FT) | Σ VOLUME (AC-FT) | RELEASE RATE* (CFS) |
| 590.80 | 0.0 | 0.23 | 0.0 | 0.0 | 0.0 |
| 596.1 | 5.3 | 0.46 | 0.0 | 0.0 | 0.0 |
| 596.5 | 5.7 | 0.48 | 0.1 | 0.1 | 0.7 |
| 597.0 | 6.2 | 0.51 | 0.3 | 0.4 | 3.1 |
| 597.5 | 6.7 | 0.53 | 0.2 | 0.6 | 6.7 |
| 598.4 | 7.6 | 0.58 | 0.5 | 1.1 | 15.0 |
| 598.6 | 7.8 | 0.60 | 0.1 | 1.2 | 16.4 |

*Release rate from primary outlet structure during 100-yr storm event.

| SPILLWAY DESIGN CALCULATIONS | | |
|--|----------|---|
| $Q = CLH^{1.5}$ Eqn 2.16, ISWM Technical Manual - Hydraulics | | |
| C= | 2.6 | Per Table 2.4, ISWM Technical Manual - Hydraulics |
| L= | 36 ft | Per construction drawings |
| Elev= | 599.8 ft | Top of Pond |
| H= | 0.6 ft | Design Spillway Depth |
| Elev= | 599.3 ft | Spillway WSEL (0.5' min freeboard below pond top) |
| Elev= | 598.7 ft | Spillway Crest (Minimum 100-yr WSEL + 0.03') |
| SS= | 4 :1 | Trapezoidal Side Slope |
| Q= | 46 cfs | Spillway Capacity |
| Q= | 16 cfs | Minimum required spillway discharge (100-YR Pond Outflow Q) |



INSTALL 76 SY, 19'x36', 8" TYPE A DRY ROCK RIPRAP PER NCTCOG SPECIFICATION 803.3



BENCHMARKS:

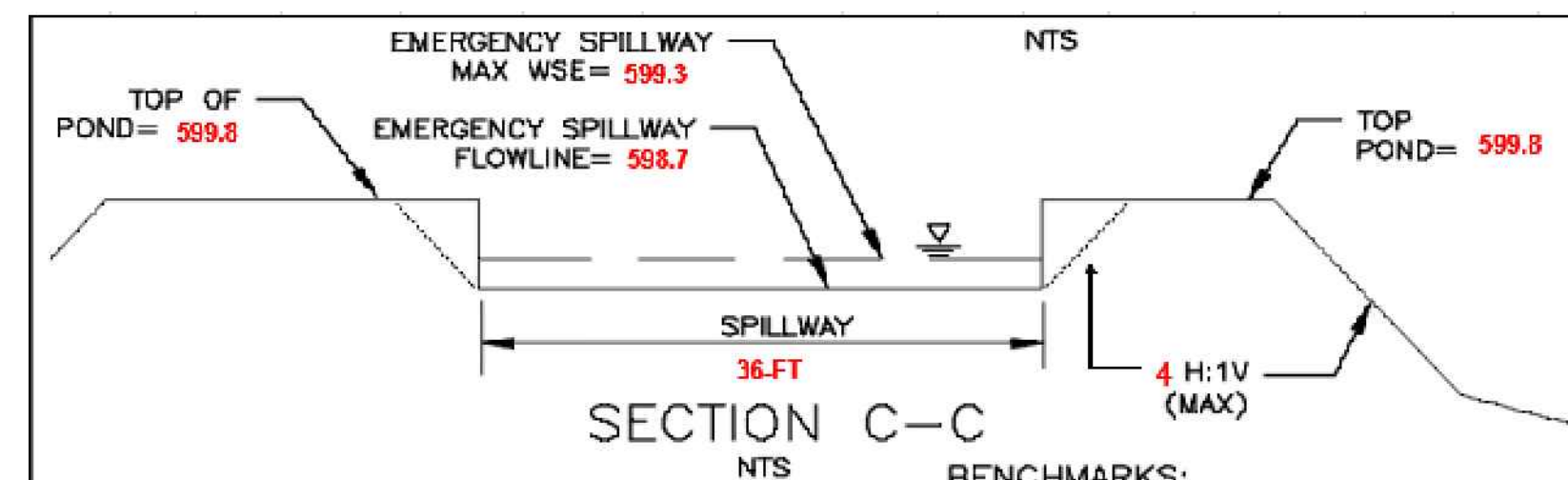
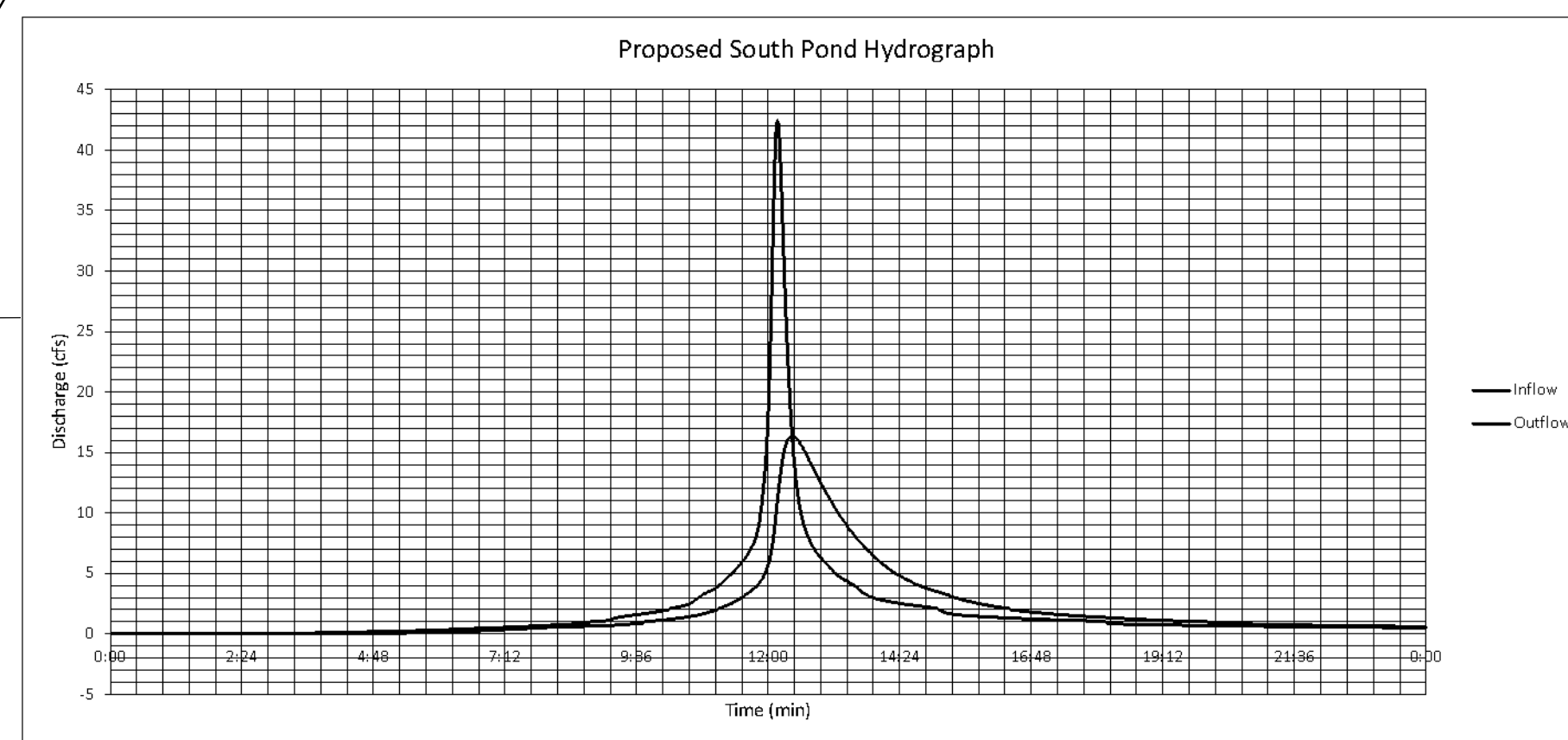
BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE.

ELEV 605.438

BM#3 5/8" IRON ROD WITH CAP STAMPED "RANDOM" SET ON THE SOUTH SIDE OF GREGORY LANE INSIDE THE CIRCLE DRIVEWAY OF THE SUBJECT TRACT, BEING APPROXIMATELY 526 FEET WEST OF THE INTERSECTION OF GREGORY LANE AND THE FIRST SOUTHBOUND ROAD EAST OF THE SUBJECT TRACT. SAID POINT IS ALSO APPROXIMATELY 87 FEET NORTH OF THE NORTHWEST CORNER OF THE HOUSE LOCATED ON THE SITE, AND APPROXIMATELY 15 FEET SOUTH OF THE OVERHEAD POWER LINES.

ELEV 597.995

$Q_{100-yr EX} = 37.1$ cfs
 $Q_{100-yr PROPOSED} = 33.5$ cfs



DETENTION PLAN SOUTH POND

PANORAMA STREET

CITY OF PARKER COLLIN COUNTY, TEXAS

LJA Engineering, Inc.

6060 North Central Expressway Suite 400 Dallas, Texas 75206 Phone 469.621.0710 FRN - F-1386

PRELIMINARY

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF VERONICA B. HADLEY, TEXAS P.E. #143748 ON 06 27 2023. THIS DOCUMENT IS NOT TO BE USED FOR THE PURPOSES OF CONSTRUCTION.

LJA PROJECT ID NT561-0133

DATE: JUN 2023

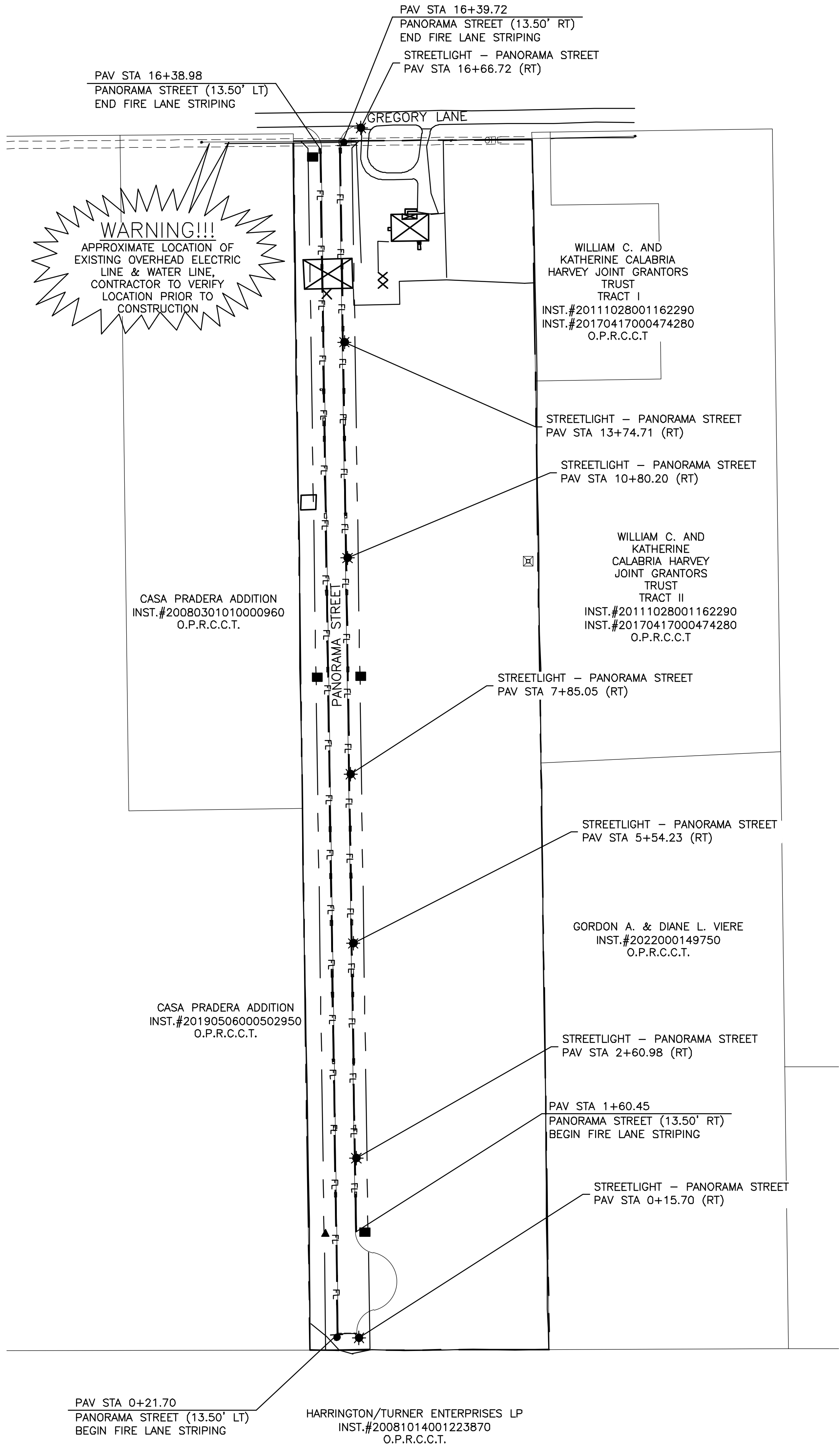
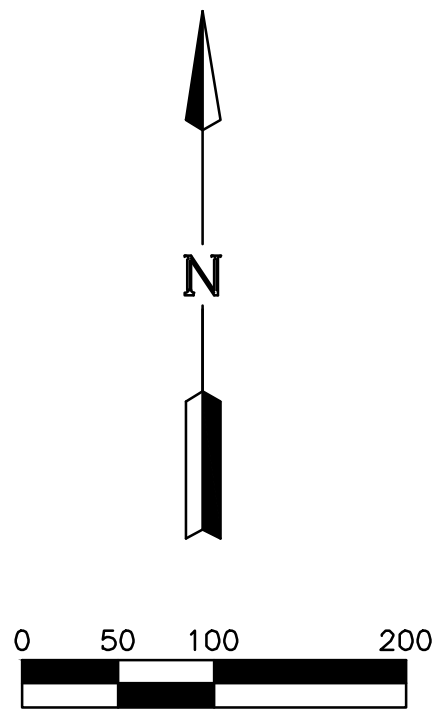
DESIGN: MARTINEZ

DRAWN: MARTINEZ

SCALE
HORIZ: 1" = 40'
VERT: N/A

SHEET
30
OF 35 SHEETS

D:\p\Time : Tue, 27 Jun 2023 : 1:57\p\Time Name : tncat\ncz
PANORAMA ST, S.W. 133\405 LAND\425 Design Files\Access Road\0133RD.SL01.dwg



LEGEND

- PROPOSED STREET LIGHT LOCATION
- PROPOSED DOUBLE STREET LIGHT LOCATION
- EXISTING DOUBLE STREET LIGHT LOCATION
- EXISTING STREET LIGHT LOCATION
- PROPOSED DEAD END SIGN
- PROPOSED NO PARKING SIGN
- PROPOSED STOP SIGN LOCATION
- FL FIRE LANE STRIPING

PAVEMENT MARKING TABLE

| TYPE | QUANTITY |
|--------------------|----------|
| FIRE LANE STRIPING | 3097 LF |

BENCHMARKS:

BM#2 "X" CUT ON THE NORTHWEST CORNER OF AN INLET ON THE NORTH SIDE OF ROLLING RIDGE ROAD, AND APPROXIMATELY 47 FEET EAST OF THE INTERSECTION OF ROLLING RIDGE ROAD AND PRESCOTT DRIVE, AND APPROXIMATELY 351 FEET WEST OF THE INTERSECTION OF ROLLING RIDGE DRIVE AND OVERLAND DRIVE.

ELEV 605.438

BM#3 5/8" IRON ROD WITH CAP STAMPED "RANDOM" SET ON THE SOUTH SIDE OF GREGORY LANE INSIDE THE CIRCLE DRIVEWAY OF THE SUBJECT TRACT, BEING APPROXIMATELY 526 FEET WEST OF THE INTERSECTION OF GREGORY LANE AND THE FIRST SOUTHBOUND ROAD EAST OF THE SUBJECT TRACT. SAID POINT IS ALSO APPROXIMATELY 87 FEET NORTH OF THE NORTHWEST CORNER OF THE HOUSE LOCATED ON THE SITE, AND APPROXIMATELY 15 FEET SOUTH OF THE OVERHEAD POWER LINES.

ELEV 597.995

| | | |
|------|----------|----|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| DATE | REVISION | BY |

STREET LIGHT AND SIGNAGE PLAN

PANORAMA STREET

CITY OF PARKER
COLLIN COUNTY, TEXAS

LJA Engineering, Inc.

6060 North Central Expressway Suite 400 Dallas, Texas 75206 Phone 469.621.0710 FRN - F-1386

PRELIMINARY

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF VERONICA B. HADLEY, TEXAS P.E. #143748 ON 06 27 2023. THIS DOCUMENT IS NOT TO BE USED FOR THE PURPOSES OF CONSTRUCTION.

LJA PROJECT ID
NT561-0133

DATE: JUN 2023

DESIGN: BROOME

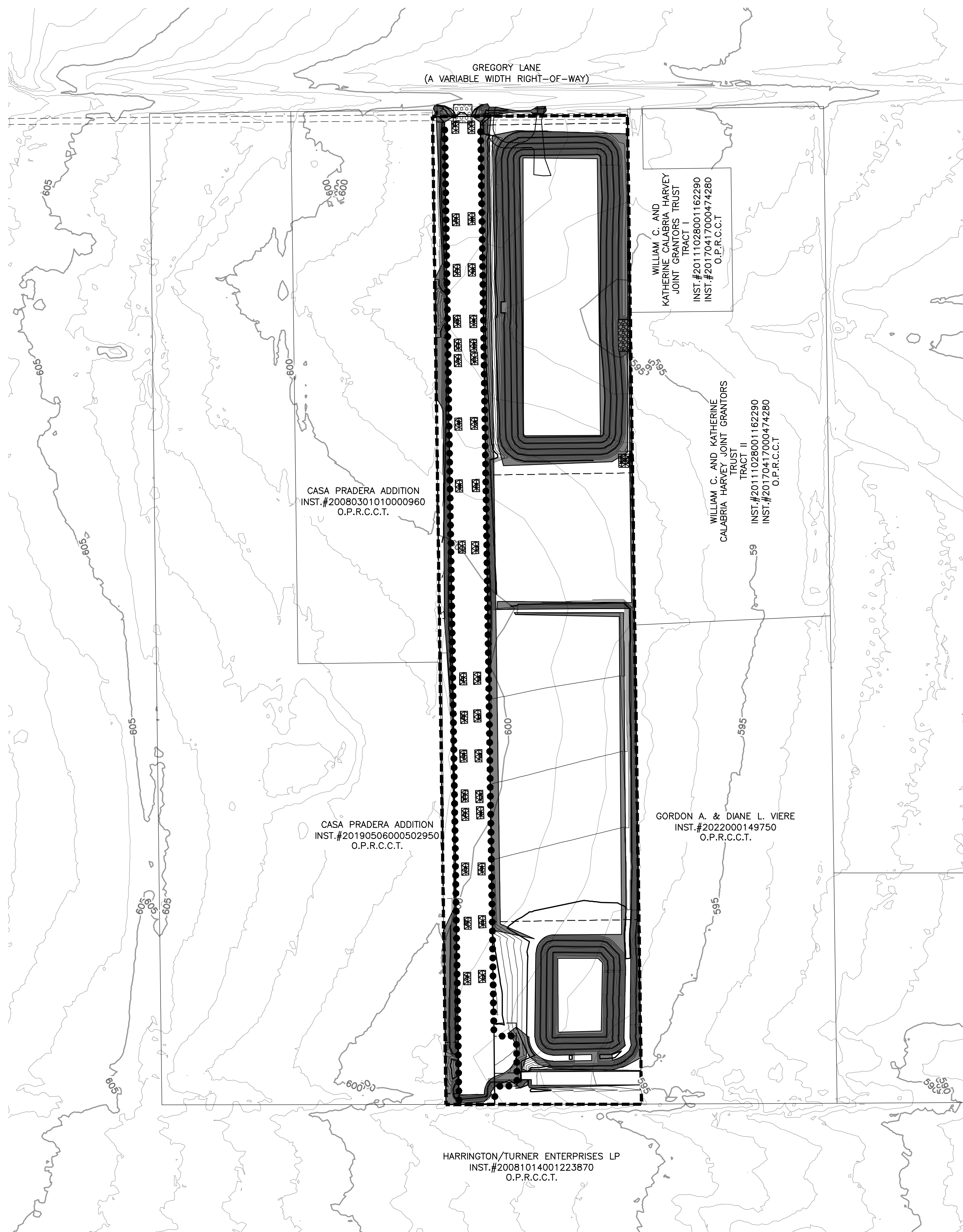
DRAWN: BROOME

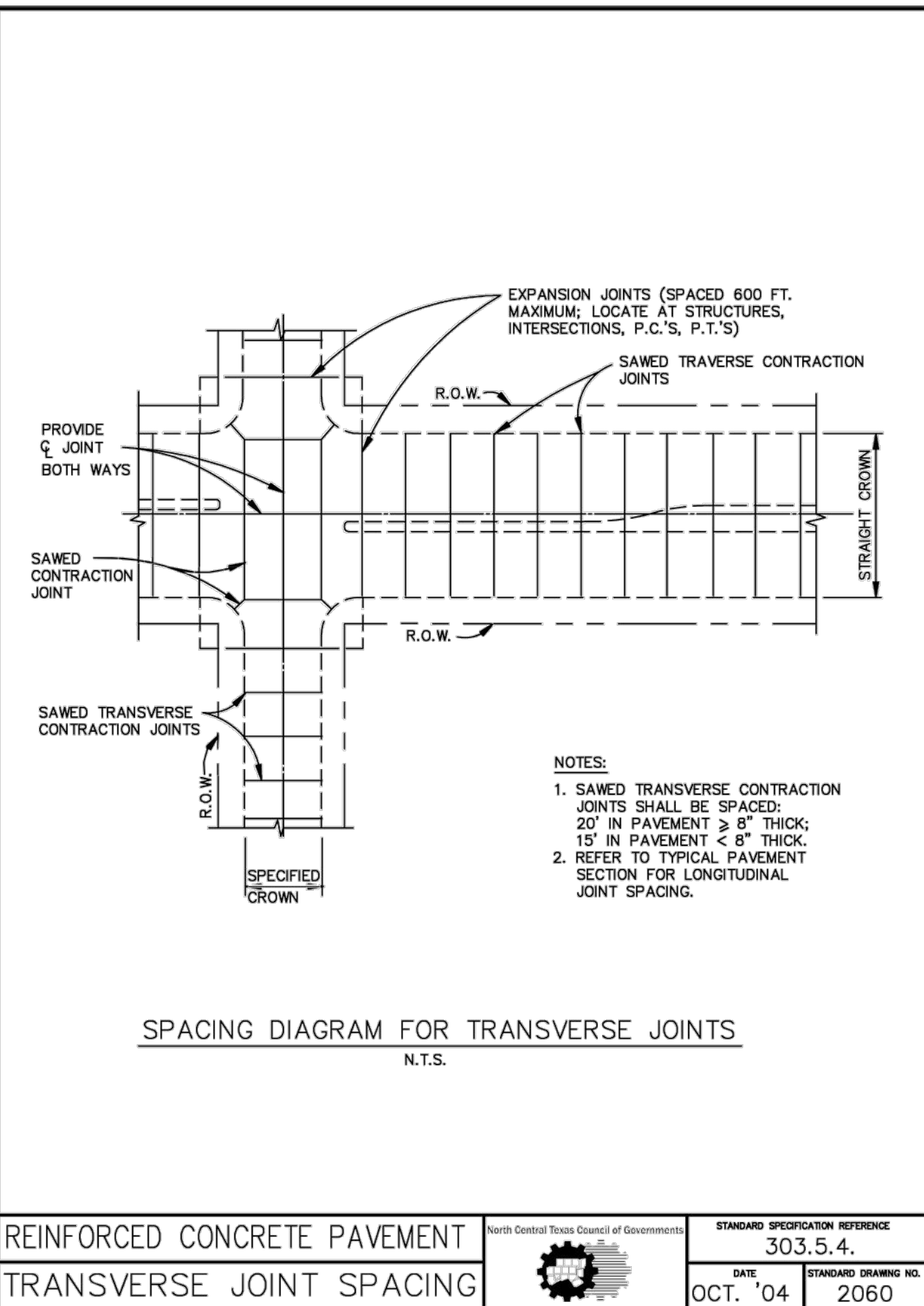
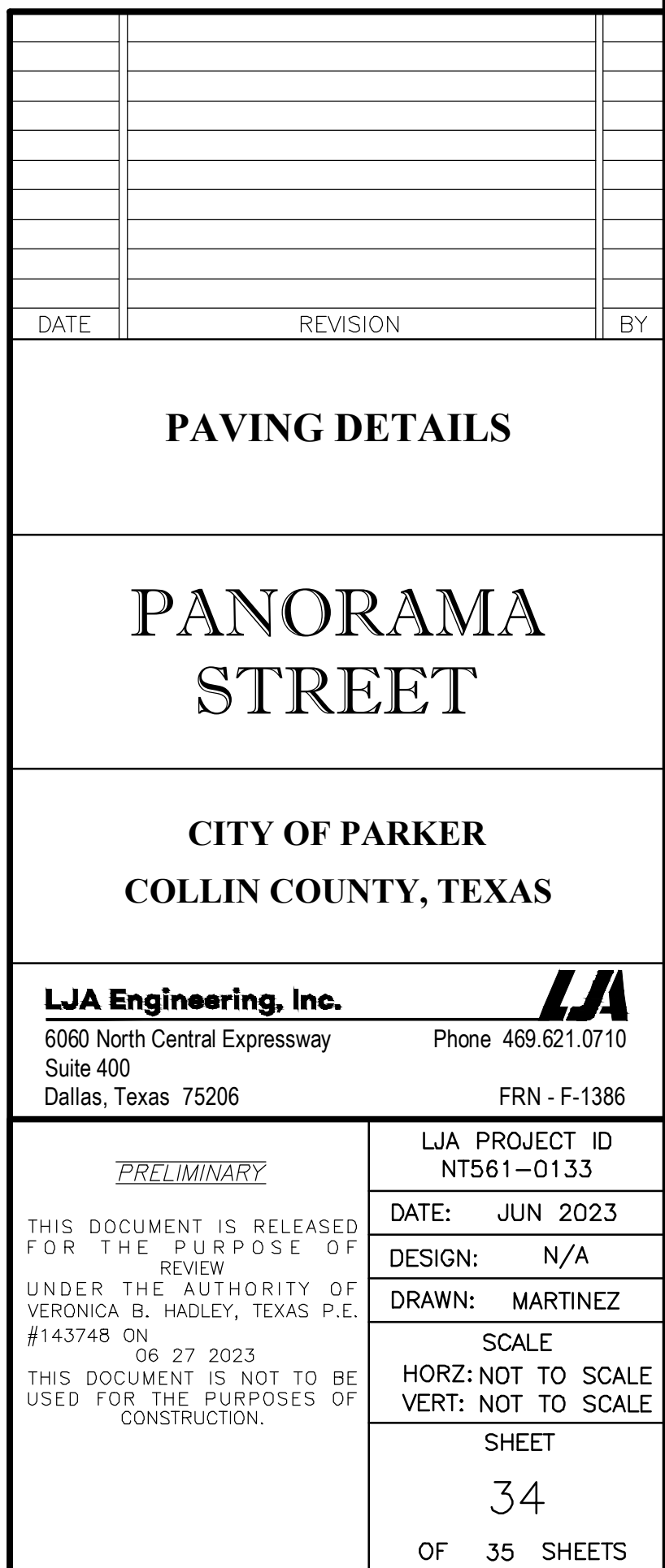
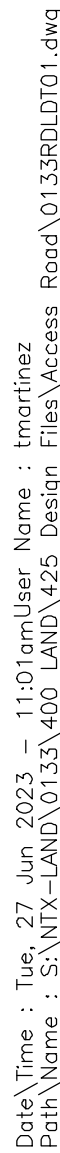
SCALE
HORZ: 1" = 100'
VERT: N/A

SHEET

31

OF 35 SHEETS







REINFORCING STEEL SCHEDULE

4", 6", 8" AND 10" INLETS

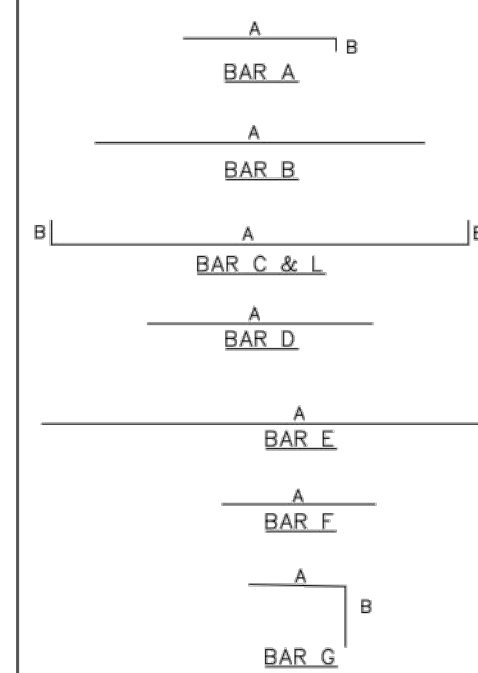
DIMENSIONS SHOWN ARE FOR MAXIMUM SIZE INLETS

| INLET LENGTH | BAR TYPE | BAR DIA. (1/8 IN.) | NO. REIN. | BAR DIMENSIONS | C | | |
|--------------|----------|-----------------------|--------------|----------------|-------|-------|-------|
| 4 FT. | B | 3 | 6 | 3'-2" | 0'-3" | — | |
| | C | 4 | 3 | 2'-10" | 0'-3" | — | |
| | D | 4 | 2 | 0'-6" | — | — | |
| | E | 4 | 5 | 4'-8" | — | — | |
| | F | 4 | 5 | 2'-10" | — | — | |
| | G | 3 | 5 | 2'-0" | 1'-3" | — | |
| | H | 3 | 5 | 3'-2" | — | — | |
| | N | 3 | 3 | 3'-2" | 3'-2" | 3'-2" | |
| | A | 3 | 9 | 3'-2" | 0'-3" | — | |
| | B | 4 | 15 | 6'-8" | 0'-6" | — | |
| 6 FT. | C | 4 | 5 | 4'-8" | — | — | |
| | D | 4 | 1 | 3'-2" | — | — | |
| | E | 4 | 1 | 3'-2" | — | — | |
| | F | 3 | 3 | 2'-2" | 1'-2" | — | |
| | G | 3 | 3 | 3'-2" | — | — | |
| | H | 3 | 12 | 3'-2" | 0'-2" | 3'-2" | |
| | N | 3 | 12 | 3'-2" | 0'-2" | — | |
| | A | 3 | 15 | 6'-10" | — | — | |
| | B | 3 | 4 | 4'-8" | 0'-6" | — | |
| | C | 4 | 5 | 4'-8" | — | — | |
| 8 FT. | D | 4 | 5 | 4'-8" | — | — | |
| | E | 4 | 1 | 3'-2" | — | — | |
| | F | 3 | 5 | 2'-0" | 1'-3" | — | |
| | G | 3 | 3 | 3'-2" | — | — | |
| | H | 3 | 3 | 3'-2" | 3'-2" | 3'-2" | |
| | N | 3 | 10 | 3'-2" | 0'-6" | — | |
| | A | 3 | 10 | 3'-2" | 0'-6" | — | |
| | B | 4 | 16 | 10'-8" | 0'-6" | — | |
| | C | 4 | 6 | 10'-8" | — | — | |
| | D | 5 | 6 | 10'-8" | — | — | |
| 10 FT. | E | 5 | 2 | 2'-0" | 1'-3" | — | |
| | F | 3 | 5 | 3'-2" | — | — | |
| | H | 3 | 1 | 15 | 8'-8" | 3'-2" | 3'-2" |
| | N | 3 | 4 | 4'-8" | 3'-2" | 3'-2" | |
| | L | 4 | 5 | 4'-3" | — | — | |

* SEE DIAGRAM FOR DIMENSIONS

ANY PRECAST
STRUCTURES SHALL BE
DESIGNED IN
ACCORDANCE WITH
ASTM C913

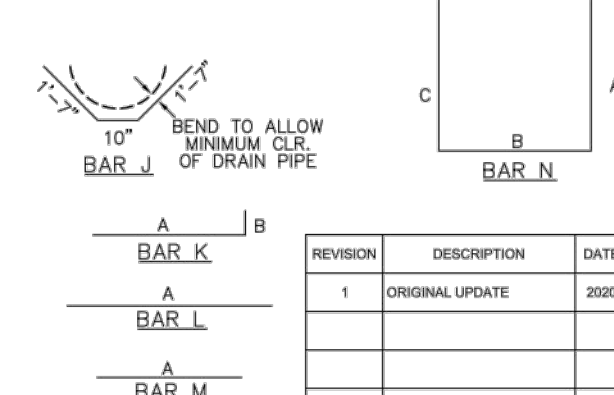
BAR DIAGRAMS



| REINFORCING STEEL SCHEDULE | | | | | | |
|--|-------------|------------------------|--------------|----------------|-------|-------|
| DOUBLE INLETS | | | | | | |
| 12", 14", 16" AND 20" INLETS | | | | | | |
| DIMENSIONS SHOWN ARE FOR MAXIMUM SIZE INLETS | | | | | | |
| INLET LENGTH & FT. | BAR TYPE | BAR DIA. (1/8" IN.) | NO. REQ'D | BAR DIMENSIONS | | |
| 6 FT. | A | 3 | 12 | 3'-2" | 0'-6" | C |
| | B | 3 | 12 | 11'-6" | 0'-6" | " |
| | C | 3 | 16 | 13'-2" | 0'-6" | " |
| | D | 4 | 9 | 4'-8" | " | " |
| | E | 4 | 5 | 1'-2" | " | " |
| | F | 4 | 5 | 1'-2" | " | " |
| | G | 5 | 12 | 2'-0" | 1'-3" | " |
| | H | 5 | 26 | 4'-8" | 3'-2" | 3'-2" |
| | J | 5 | 12 | 4'-8" | 3'-2" | 3'-2" |
| | K | 5 | 6 | 3'-2" | 0'-6" | " |
| | L | 4 | 11 | 3'-2" | 0'-6" | " |
| | M | 4 | 2 | 3'-2" | 0'-6" | " |
| | N | 4 | 2 | 4'-8" | 3'-2" | 4'-8" |
| | N | 4 | 2 | 4'-8" | 3'-2" | 4'-8" |
| 7 FT. | A | 3 | 17 | 3'-2" | 0'-6" | " |
| | B | 3 | 13 | 13'-2" | 0'-6" | " |
| | C | 4 | 16 | 15'-4" | 0'-6" | " |
| | D | 4 | 9 | 6'-8" | " | " |
| | E | 4 | 6 | 1'-2" | " | " |
| | F | 4 | 6 | 1'-2" | " | " |
| | G | 5 | 15 | 2'-0" | 1'-3" | " |
| | H | 5 | 32 | 4'-8" | 3'-2" | 3'-2" |
| | J | 5 | 14 | 4'-8" | 3'-2" | 3'-2" |
| | K | 5 | 6 | 3'-2" | 0'-6" | " |
| | L | 4 | 11 | 3'-2" | 0'-6" | " |
| | M | 4 | 2 | 3'-2" | 0'-6" | " |
| | N | 4 | 2 | 4'-8" | 3'-2" | 4'-8" |
| | N | 4 | 2 | 4'-8" | 3'-2" | 4'-8" |
| 8 FT. | A | 3 | 19 | 3'-2" | 0'-6" | " |
| | B | 3 | 12 | 15'-2" | 0'-6" | " |
| | C | 4 | 16 | 17'-4" | 0'-6" | " |
| | D | 4 | 9 | 8'-8" | " | " |
| | E | 5 | 6 | 1'-7" | " | " |
| | F | 4 | 6 | 1'-2" | " | " |
| | G | 5 | 12 | 2'-0" | 1'-3" | " |
| | H | 5 | 26 | 4'-8" | 3'-2" | 3'-2" |
| | J | 5 | 16 | 4'-8" | 3'-2" | 3'-2" |
| | K | 5 | 6 | 3'-2" | 0'-6" | " |
| | L | 4 | 11 | 3'-2" | 0'-6" | " |
| | M | 4 | 2 | 3'-2" | 0'-6" | " |
| | N | 4 | 2 | 4'-8" | 3'-2" | 4'-8" |
| | N | 4 | 2 | 4'-8" | 3'-2" | 4'-8" |
| 10 FT. | A | 3 | 23 | 3'-2" | 0'-6" | " |
| | B | 3 | 12 | 19'-6" | 0'-6" | " |
| | C | 4 | 16 | 21'-4" | 0'-6" | " |
| | D | 4 | 9 | 4'-8" | " | " |
| | E | 5 | 6 | 21'-4" | " | " |
| | F | 4 | 6 | 1'-2" | " | " |
| | G | 5 | 15 | 2'-0" | 1'-3" | " |
| | H | 5 | 30 | 4'-8" | 3'-2" | 3'-2" |
| | J | 5 | 20 | 4'-8" | 3'-2" | 3'-2" |
| | K | 5 | 6 | 3'-2" | 0'-6" | " |
| | L | 4 | 11 | 3'-2" | 0'-6" | " |
| | M | 4 | 2 | 3'-2" | 0'-6" | " |
| | N | 4 | 2 | 4'-8" | 3'-2" | 4'-8" |
| | N | 4 | 2 | 4'-8" | 3'-2" | 4'-8" |

* SEE DIAGRAM FOR DIMENSIONS

** FIELD CUT AS REQUIRED TO ACCOMMODATE DRAIN PIPE.



| REVISION | DESCRIPTION | DATE |
|----------|-----------------|------|
| 1 | ORIGINAL UPDATE | 2021 |
| | | |
| | | |
| | | |



DROP INLET NOTES

1. ALL LAPS AND EXTENSIONS OF REINFORCING BARS SHALL BE 30 BAR DIAMETERS UNLESS NOTED OTHERWISE.
2. A "4" DROP INLET" REFERS TO THE OUTSIDE DIMENSION.
3. STORM PIPE SHALL CONNECT TO THE ENDS OR SIDES OF INLETS. CONNECTIONS SHALL NOT BE MADE AT CORNERS OR BOTTOM.
4. ANY PRECAST STRUCTURES SHALL BE DESIGNED IN ACCORDANCE WITH ASTM C913.
5. MAXIMUM STRUCTURE HEIGHT SHALL BE 6'. STRUCTURES ABOVE 6' SHALL BE DESIGNED BY TEXAS LICENSED ENGINEER.
6. CONCRETE STRUCTURE SHALL BE MINIMUM 4200 PSI CONCRETE (CLASS F).

DROP INLET NOTES

1. ALL LAPS AND EXTENSIONS OF REINFORCING BARS SHALL BE 30 BAR DIAMETERS UNLESS NOTED OTHERWISE.
2. A "4" DROP INLET" REFERS TO THE OUTSIDE DIMENSION.
3. STORM PIPE SHALL CONNECT TO THE ENDS OR SIDES OF INLETS. CONNECTIONS SHALL NOT BE MADE AT CORNERS OR BOTTOM.
4. ANY PRECAST STRUCTURES SHALL BE DESIGNED IN ACCORDANCE WITH ASTM C913.
5. MAXIMUM STRUCTURE HEIGHT SHALL BE 6'. STRUCTURES ABOVE 6' SHALL BE DESIGNED BY TEXAS LICENSED ENGINEER.
6. CONCRETE STRUCTURES SHALL BE MINIMUM 4200 PSI CONCRETE (CLASS F).

| REVISION | DESCRIPTION | DATE |
|----------|-----------------|------|
| 1 | ORIGINAL UPDATE | 2020 |
| | | |
| | | |
| | | |



| | | |
|------|----------|----|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| DATE | REVISION | BY |

STORM DETAILS

PANORAMA STREET

CITY OF PARKER
COLLIN COUNTY, TEXAS

LJA Engineering, Inc.

6060 North Central Expressway
Suite 400
Dallas, Texas 75206

PRELIMINARY

THIS DOCUMENT IS RELEASE
FOR THE PURPOSE OF
REVIEW

UNDER THE AUTHORITY OF
VERONICA B. HADLEY, TEXAS P.
#143748 ON
06 27 2023
THIS DOCUMENT IS NOT TO BE
USED FOR THE PURPOSES OF
CONSTRUCTION.

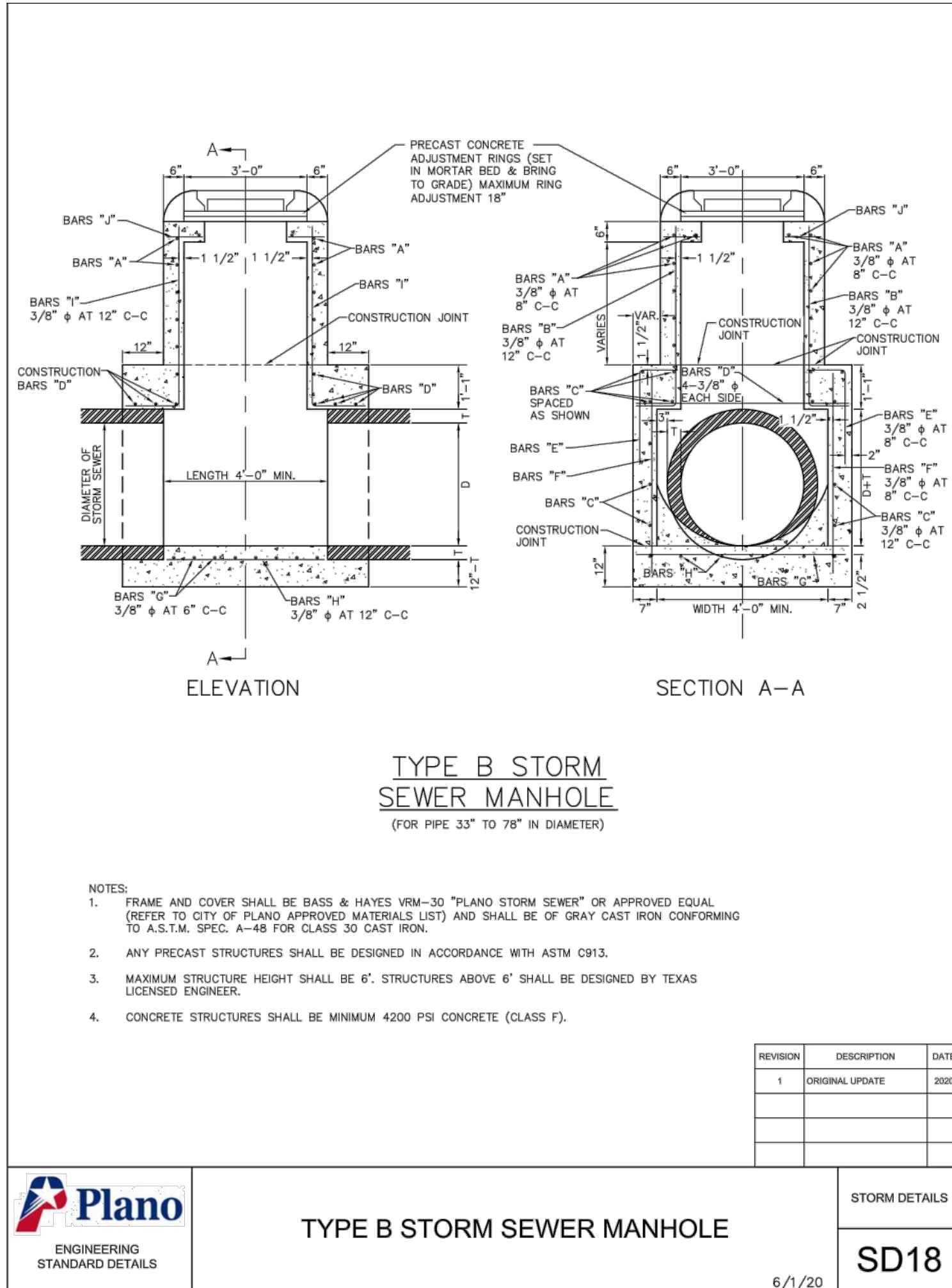
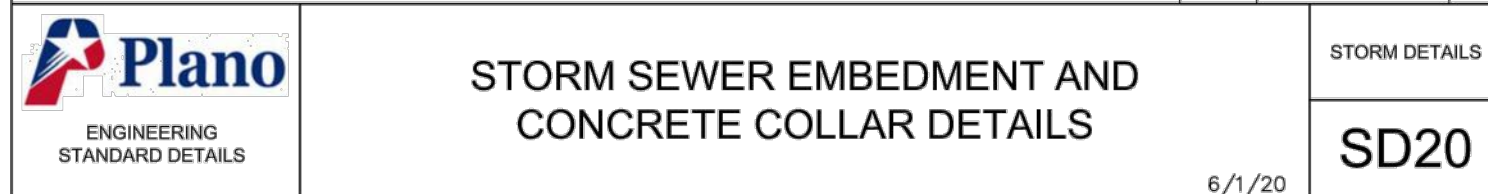
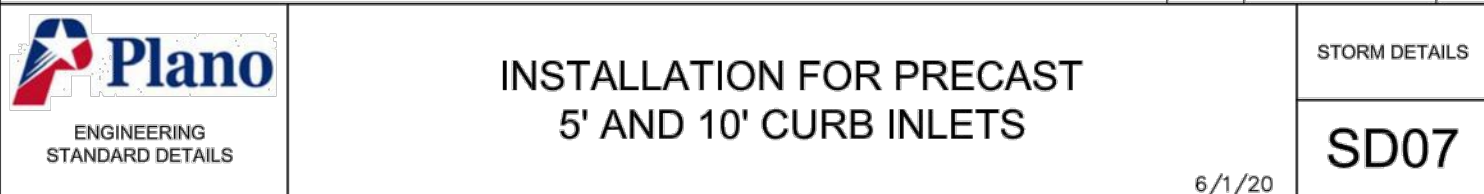
LJA PROJECT ID
NT561-0133

| | |
|---------|----------|
| DATE: | JUN 2023 |
| DESIGN: | N/A |

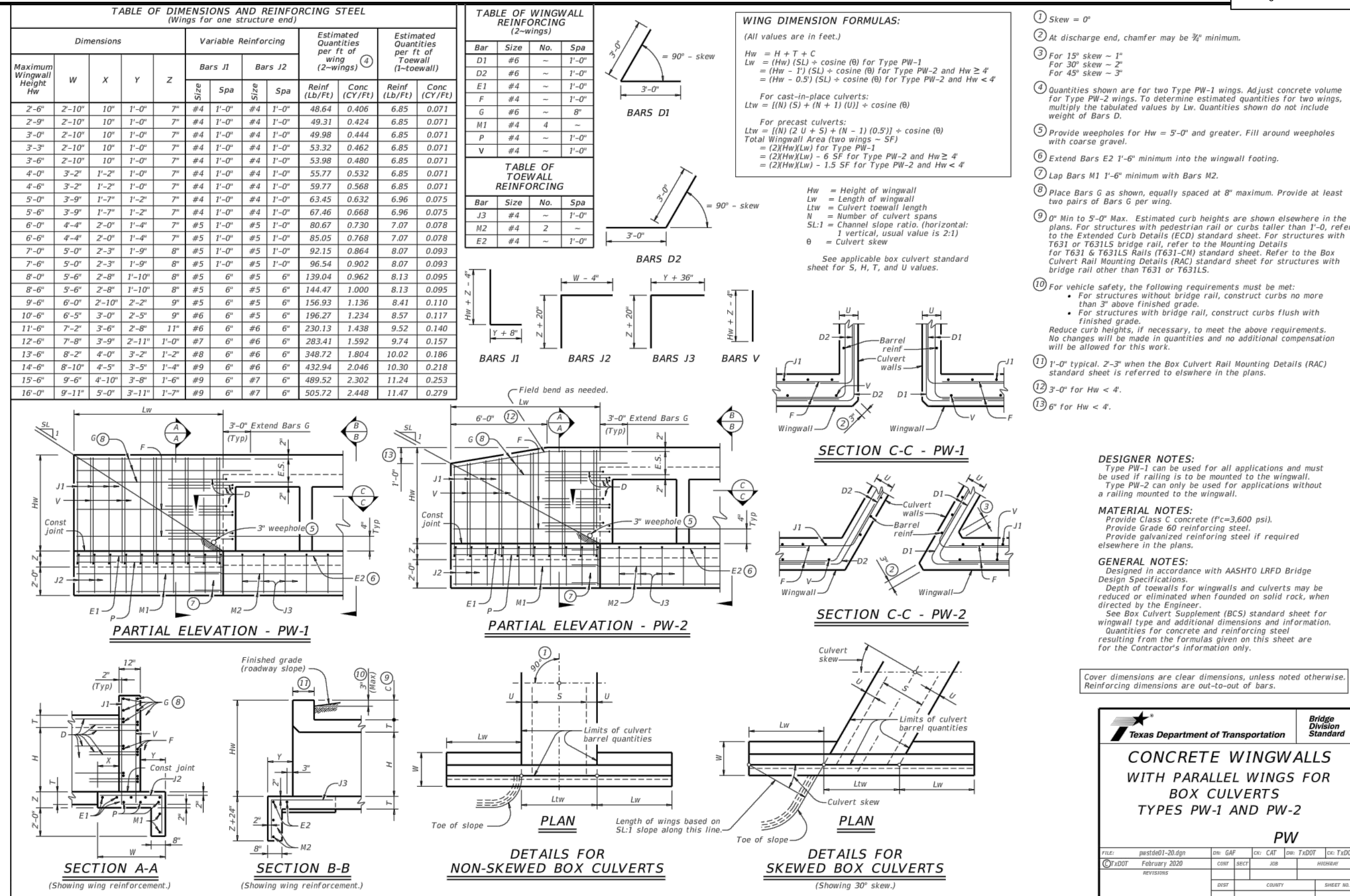
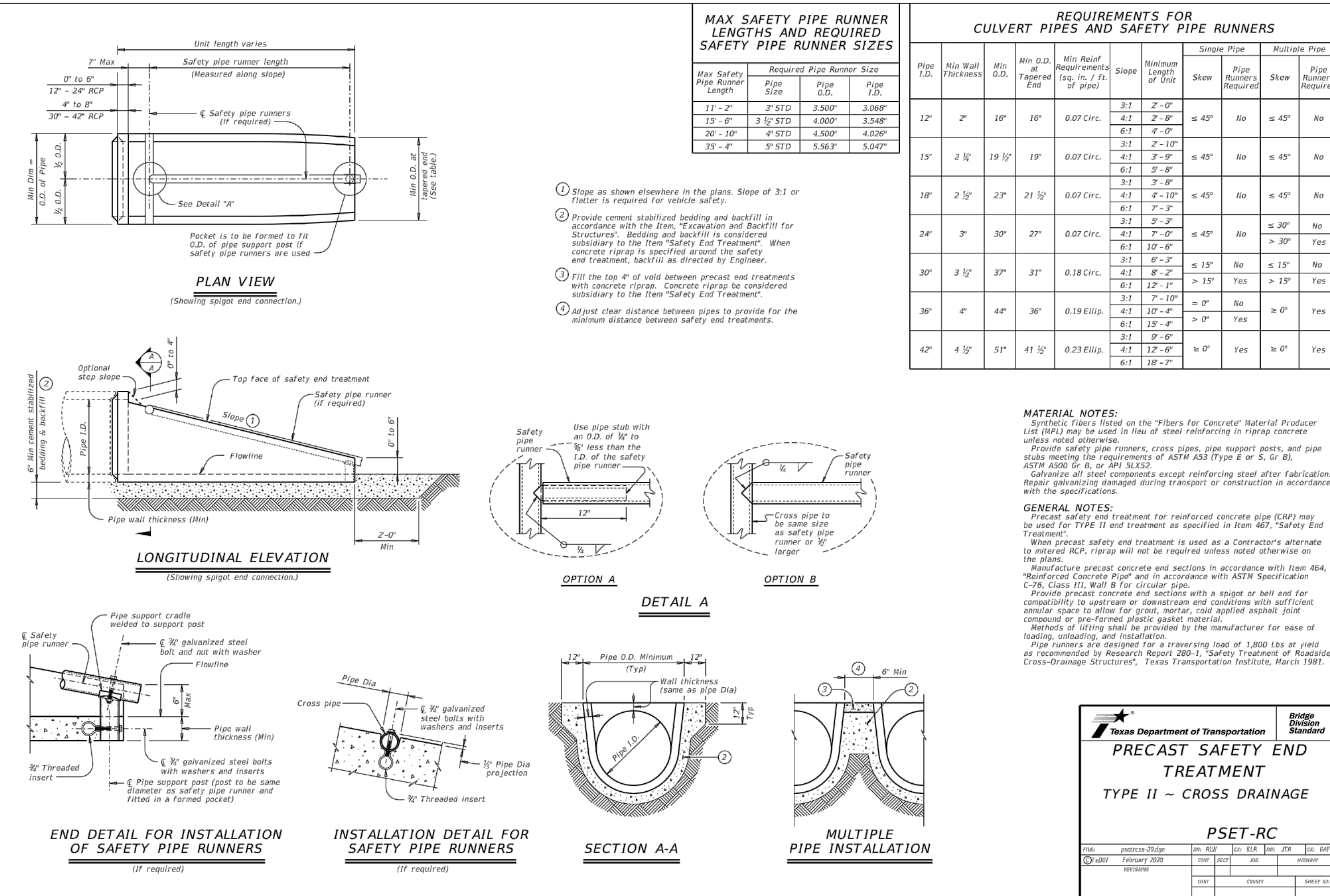
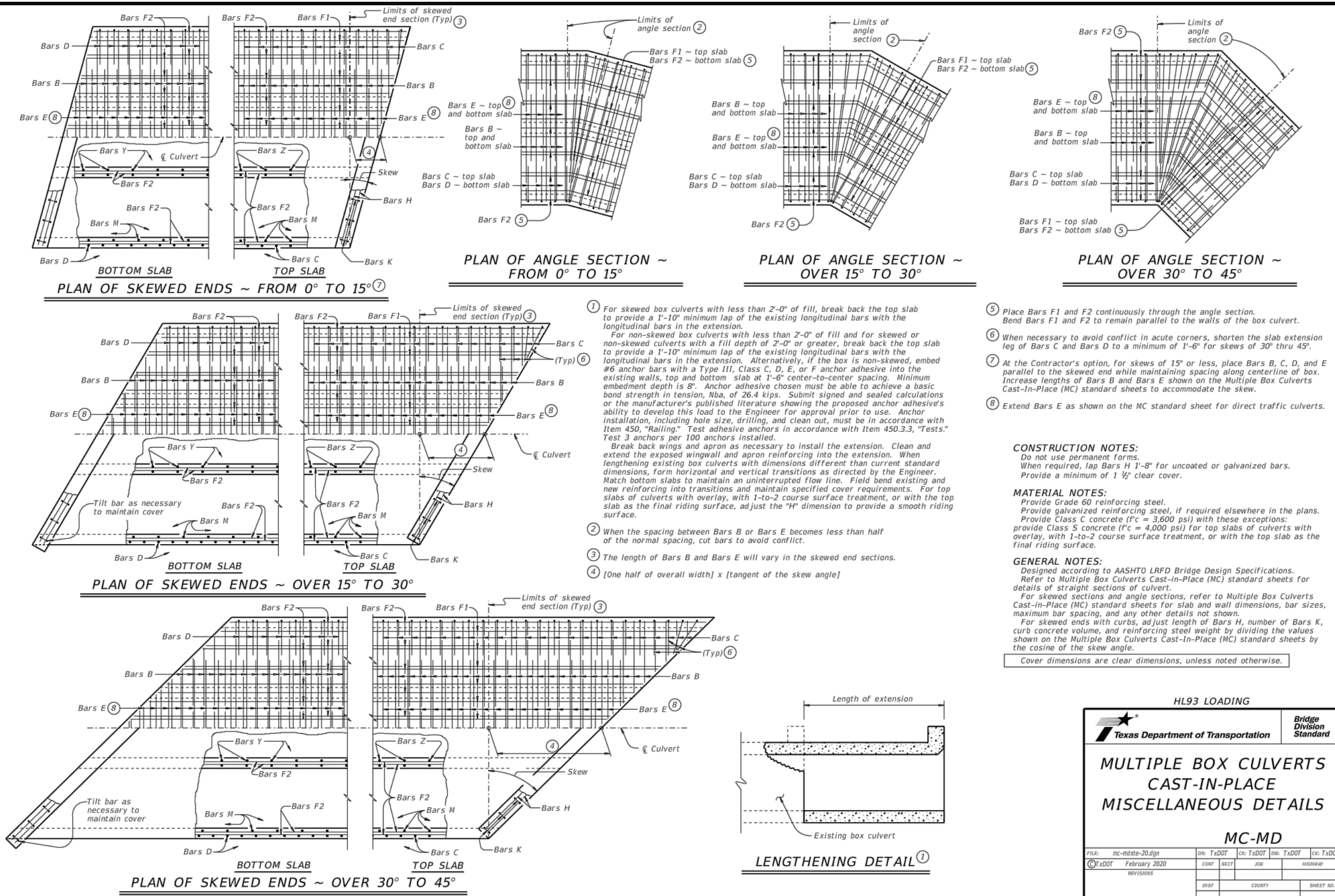
DRAWN: MARTINEZ

| SCALE | |
|-------|--------------|
| HORZ: | NOT TO SCALE |
| VERT: | NOT TO SCALE |

SHEET
35
OF 35 SHEETS



| | |
|---|---------------------|
| <p><u>PRELIMINARY</u></p> <p>THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF VERONICA B. HADLEY, TEXAS P.E. #143748 ON 06 27 2023</p> <p>THIS DOCUMENT IS NOT TO BE USED FOR THE PURPOSES OF CONSTRUCTION.</p> | NT561-0133 |
| | DATE: JUN 2023 |
| | DESIGN: N/A |
| | DRAWN: MARTINEZ |
| | SCALE |
| | HORIZ: NOT TO SCALE |
| | VERT: NOT TO SCALE |
| | SHEET |
| | 36 |
| | OF 35 SHEETS |



STORM DETAILS

PANORAMA STREET

CITY OF PARKER
COLLIN COUNTY, TEXASLJA Engineering, Inc.
6060 North Central Expressway
Suite 400
Dallas, Texas 75206
Phone 469.621.0710
FRN - F-1386

LJA PROJECT ID
NT561-0133

DATE: JUN 2023

DESIGN: N/A

DRAWN: MARTINEZ

SCALE

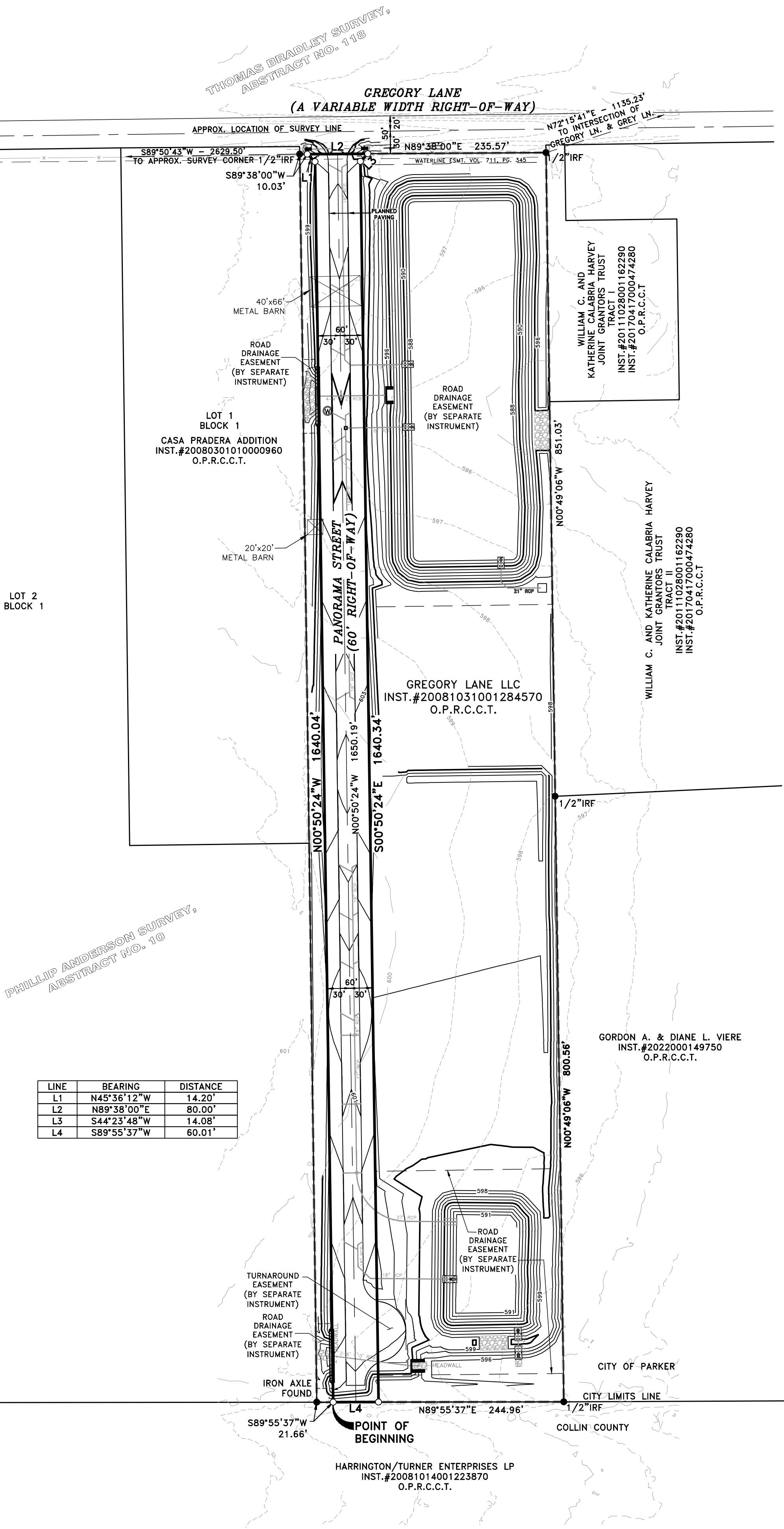
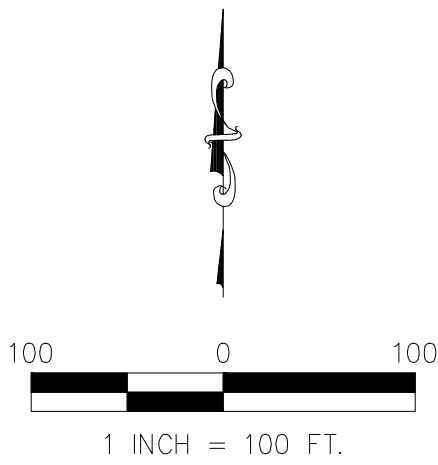
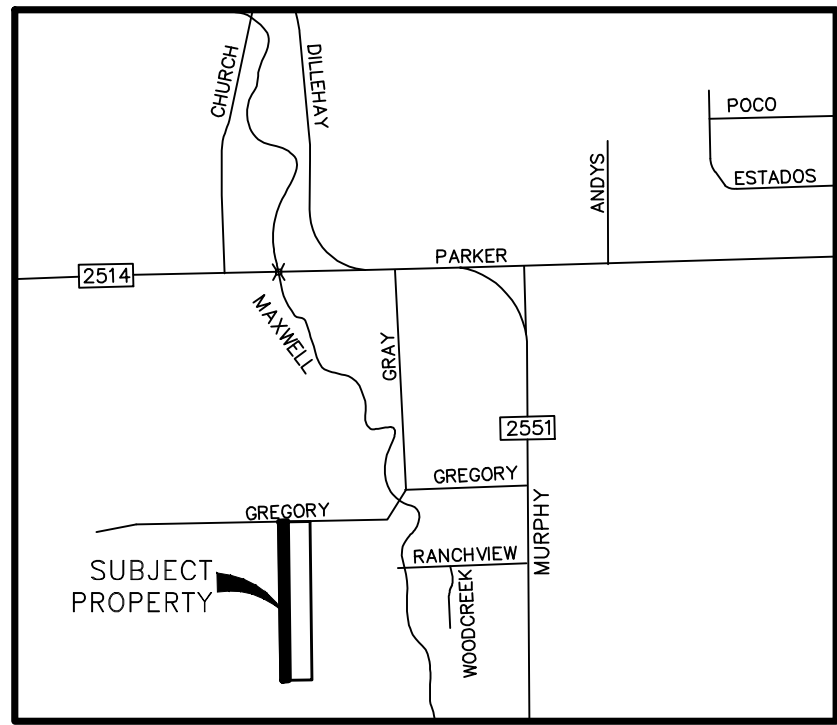
HORIZ: NOT TO SCALE

VERT: NOT TO SCALE

SHEET

38

OF 35 SHEETS



| LINE | BEARING | DISTANCE |
|------|--------------|----------|
| L1 | N45°36'12\"W | 14.20' |
| L2 | N89°38'00\"E | 80.00' |
| L3 | S44°23'48\"W | 14.08' |
| L4 | S89°55'37\"W | 60.01' |

- LEGEND**
- IRF CAPPED IRON ROD SET
 - ⊙ IRF IRON ROD FOUND
 - ⊙ WATER WELL
 - O.P.R.C.C.T. OFFICIAL PUBLIC RECORDS, COLLIN COUNTY, TEXAS
 - INST.# INSTRUMENT NO.
 - (CM) CONTROLLING MONUMENT
 - EXISTING GRADE
 - PROPOSED GRADE
 - STORM DRAIN
 - PROPOSED EASEMENTS
 - W EXISTING 8" WATERLINE
 - PROPOSED EROSION CONTROL

OWNER'S DEDICATION

STATE OF TEXAS)
COUNTY OF COLLIN)

WHEREAS GREGORY LANE LLC IS THE OWNER OF A 2.275 ACRE TRACT OF LAND SITUATED IN THE PHILLIP ANDERSON SURVEY, ABSTRACT NO. 10, CITY OF PARKER, COLLIN COUNTY, TEXAS, AND BEING PART OF A TRACT OF LAND CONVEYED TO GREGORY LANE LLC, AS RECORDED IN INSTRUMENT NO. 20081031001284570, OFFICIAL PUBLIC RECORDS, COLLIN COUNTY, TEXAS, AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEING 2.275 ACRES OF LAND SITUATED IN THE PHILLIP ANDERSON SURVEY, ABSTRACT NO. 10, CITY OF PARKER, COLLIN COUNTY, TEXAS, AND BEING A PORTION OF A TRACT OF LAND DESCRIBED TO GREGORY LANE LLC BY DEED RECORDED IN INSTRUMENT NO. 20081031001284570, OFFICIAL PUBLIC RECORDS, COLLIN COUNTY, TEXAS, AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A CAPPED IRON ROD SET ON THE SOUTH LINE OF SAID GREGORY LANE TRACT, FROM WHICH AN IRON AXLE FOUND FOR THE SOUTHEAST CORNER OF THE CASA PRADERA ADDITION, AN ADDITION TO THE CITY OF PARKER, COLLIN COUNTY, TEXAS BY PLAT RECORDED IN INSTRUMENT NO. 20080301010000960 OF SAID OFFICIAL PUBLIC RECORDS BEARS SOUTH 89°55'37" WEST, A DISTANCE OF 21.66 FEET;

THENCE NORTH 00°50'24" WEST, OVER AND ACROSS SAID GREGORY LANE TRACT, A DISTANCE OF 1640.04 FEET TO A CAPPED IRON ROD SET;

THENCE NORTH 45°36'12" WEST, CONTINUING OVER AND ACROSS SAID GREGORY LANE TRACT, A DISTANCE OF 14.20 FEET TO A CAPPED IRON ROD SET ON THE SOUTH RIGHT-OF-WAY LINE OF GREGORY LANE, A VARIABLE-WIDTH RIGHT-OF-WAY, FROM WHICH A 1/2-INCH IRON ROD FOUND FOR THE NORTHWEST CORNER OF SAME TRACT BEARS SOUTH 89°38'00" WEST, A DISTANCE OF 10.03 FEET;

THENCE NORTH 89°38'00" EAST, WITH SAID SOUTH RIGHT-OF-WAY LINE, A DISTANCE OF 80.00 FEET TO A CAPPED IRON ROD SET, FROM WHICH A 1/2-INCH IRON ROD FOUND FOR THE NORTHEAST CORNER OF SAID GREGORY LANE TRACT BEARS NORTH 89°38'00" EAST, A DISTANCE OF 235.57 FEET;

THENCE SOUTH 44°23'48" WEST, OVER AND ACROSS SAID GREGORY LANE TRACT, A DISTANCE OF 14.08 FEET TO A CAPPED IRON ROD SET;

THENCE SOUTH 00°50'24" EAST, CONTINUING OVER AND ACROSS SAID GREGORY LANE TRACT, A DISTANCE OF 1640.34 FEET TO A CAPPED IRON ROD SET ON THE SOUTH LINE OF SAME TRACT, FROM WHICH A 1/2-INCH IRON ROD FOUND FOR THE SOUTHEAST CORNER OF SAID GREGORY LANE TRACT BEARS NORTH 89°55'37" EAST, A DISTANCE OF 244.96 FEET;

THENCE SOUTH 89°55'37" WEST, WITH THE SOUTH LINE OF SAID GREGORY LANE TRACT, A DISTANCE OF 60.01 FEET TO THE POINT OF BEGINNING AND CONTAINING A CALCULATED AREA OF 2.275 ACRES (99,111 SQ. FEET) OF LAND.

TO BE KNOWN AS:

PANORAMA STREET

AN ADDITION TO THE CITY OF PARKER, COLLIN COUNTY, TEXAS AND DO HEREBY DEDICATE TO THE PUBLIC USE FOREVER THE EASEMENTS AND RIGHTS-OF-WAY AS SHOWN HEREON. AT THE CITY'S OPTION, PANORAMA STREET AND ALL DRAINAGE FACILITIES THAT SUPPORT IT WILL BE OWNED AND MAINTAINED BY THE CITY OR BY COLLIN COUNTY MUNICIPAL UTILITY DISTRICT NO. 7.

EXECUTED THIS ____ DAY OF _____, A.D. 2023.

GREGORY LANE, LLC
A TEXAS LIMITED LIABILITY COMPANY

BY: _____
NAME: MARGARET E. TURNER
TITLE: DIRECTOR

STATE OF TEXAS)
COUNTY OF _____)

BEFORE ME, THE UNDERSIGNED AUTHORITY, A NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS, ON THIS DAY PERSONALLY APPEARED _____, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSE AND CONSIDERATION THEREIN EXPRESSED AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS THE ____ DAY OF _____, A.D. 2023

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

MY COMMISSION EXPIRES: _____

SURVEYOR'S CERTIFICATE

I, AARON C. BROWN, REGISTERED PROFESSIONAL LAND SURVEYOR, DO HEREBY CERTIFY THAT THE PLAT SHOWN HEREON DOES ACCURATELY REPRESENT THE PROPERTY AS DETERMINED BY AN ON THE GROUND SURVEY, MADE UNDER MY DIRECT SUPERVISION, AND THAT ALL CORNERS ARE AS SHOWN.

PRELIMINARY, THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT

AARON C. BROWN
REGISTERED PROFESSIONAL LAND SURVEYOR
TEXAS REGISTRATION NO. 6702

DATE: _____

NOTES

- HORIZONTAL DATUM: THE BEARING BASIS IS GRID NORTH, TEXAS STATE PLANE COORDINATE SYSTEM, NORTH CENTRAL ZONE, NAD83 (NAD83 2011) EPOCH 2010, AS DETERMINED BY GPS OBSERVATIONS. ALL DISTANCES SHOWN HEREON ARE THE RESULT OF THE APPLICATION OF A COMBINED SCALE FACTOR OF 1.0001527100.
- ALL SET CORNERS ARE 1 INCH IRON RODS WITH PLASTIC CAPS STAMPED "LJA SURVEYING" UNLESS OTHERWISE NOTED.
- SUBJECT TRACT IS LOCATED WITHIN AN AREA HAVING ZONE DESIGNATION OF ZONE "X" (UNSHADED), BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), AS SCALED FROM FLOOD INSURANCE RATE MAP NO. 48065C0415J, DATED JUNE 2, 2009 IN COLLIN COUNTY, STATE OF TEXAS.
- SUBJECT TRACT LIES WITHIN THE BOUNDS OF THE PLANO INDEPENDENT SCHOOL DISTRICT.
- ROAD DRAINAGE EASEMENT BY SEPARATE INSTRUMENT TO BE PROVIDED AT THE TIME OF FINAL PLAT.

CITY APPROVAL CERTIFICATE

RECOMMENDED FOR APPROVAL:

CHAIRMAN, PLANNING AND ZONING COMMISSION
CITY OF PARKER, TEXAS

APPROVED AND ACCEPTED:

MAYOR, CITY OF PARKER, TEXAS

THE UNDERSIGNED, THE CITY SECRETARY OF THE CITY OF PARKER, HEREBY CERTIFIES THAT THE FOREGOING PRELIMINARY PLAT OF PANORAMA STREET, A SUBDIVISION OR ADDITION TO THE CITY OF PARKER WAS SUBMITTED TO THE CITY COUNCIL ON THIS ____ DAY OF _____, 2023, AND THE CITY COUNCIL BY FORMAL ACTION THEN AND THERE ACCEPTED THE DEDICATION OF STREETS, ALLEYS, EASEMENTS AND PUBLIC PLACES AS SHOWN AND SET FORTH IN AND UPON SAID MAP OR PLAT, AND SAID CITY COUNCIL FURTHER AUTHORIZED THE MAYOR TO NOTE THE APPROVAL THEREOF BY SIGNING HIS NAME HEREIN ABOVE SUBSCRIBED.

WITNESS MY HAND THIS ____ DAY OF _____, 2023.

CITY SECRETARY
CITY OF PARKER, TEXAS

A
PRELIMINARY PLAT
OF
PANORAMA STREET
2.275 ACRES
SITUATED IN THE
PHILLIP ANDERSON SURVEY, ABSTRACT NO. 10
CITY OF PARKER, COLLIN COUNTY, TEXAS

OWNER/DEVELOPER:

GREGORY LANE, LLC
3510 DUBLIN RD
PARKER, TX 75002-6516

ENGINEER/SURVEYOR:

LJA Surveying, Inc.

3017 W 7TH STREET,
Suite 300
Fort Worth, Texas 76107

Phone 817.288.1900

T.B.E.P.L.S. Firm No. 10194382

THIS PLAT FILED IN _____

JUNE 2023

SHEET 1 OF 1



DEVELOPMENT APPLICATION

City of Parker, Texas

Proposed Name of Subdivision: Panorama Street

| Plat Approval Requested | Filing Fee | Filing Fee |
|--|-------------------------------|---|
| <input checked="" type="checkbox"/> Preliminary Plat | <u>\$800.00 + \$30/acre</u> | <input type="checkbox"/> Final Plat |
| <input type="checkbox"/> Site Plan | <u>\$300.00 + \$25/acre</u> | <input type="checkbox"/> Minor Plat (5 acres or less) |
| <input type="checkbox"/> Replat/Amended | <u>\$500.00 plus \$15/lot</u> | <input type="checkbox"/> Development Plat |
| | | <u>\$800.00 + \$30/acre</u> |
| | | <u>\$500.00 + \$100/lot</u> |
| | | <u>\$300.00 + \$30/acre</u> |

Physical Location of Property: 5710 Gregory Lane, Parker, TX 75002 (Approx. 2700ft West of the intersection of North Murphy Road and Gregory Lane)
(Address and General Location – Approximate distance to the nearest existing street corner)

Brief Legal description of Property (must attach accurate metes and bound description to application):

2.275 Acre tract situated in the Phillip Anderson Survey, Abstract No. 10 City of Parker, Collin County, Texas

(Survey/Abstract No. and Tracts: or platted Subdivision Name with Lot/Block)

Acreage: 2.275 Existing # of Lots/Tracts: N/A Existing Zoning: Single Family Residential
(If a PD, include the Ordinance with application)

Property Owner's Name: Gregory Lane, LLC Phone Number: 214-802-0011

Applicant/Contact Person: Margaret Turner Title: President

Company Name: Gregory Lane, LLC

Street/Mailing Address: 3510 Dublin Road City: Parker State: TX Zip: 75002

Phone: 214-802-0011 Fax: _____ Email Address: margaretet16@yahoo.com

Engineering Company: LJA Engineering

Contact Person: Michelle Tilotta, P.E. Title: Project Manager

Street/Mailing Address: 6060 N. Central Expy. Suite 400 City: Dallas State: TX Zip: 75206

Phone: 214-451-0862 Fax: _____ Email Address: mtilotta@lja.com

**** READ BEFORE SIGNING BELOW:** If there is more than one property owner, complete a separate sheet with the same wording as below. The City requires all Original Signatures. If applicant is other than the property owner, a "Power of Attorney" with original, notarized signatures is required.

STATE OF TEXAS)(

COUNTY OF COLLIN)(

BEFORE ME, a Notary Public, on this day personally appeared Margaret Turner
the undersigned applicant, who, under oath, stated the following "I hereby certify that I am the owner, or duly authorized agent of the owner, (Proof must be attached, e.g. "Power of Attorney") for the purposes of this application; that all information submitted herein is true and correct. I understand that submitting this application does not constitute approval, and incomplete application will result in delays and possible denial."

Margaret Turner
Owner Agent (circle one)

SUBSCRIBED AND SWORN TO before me, this the 28th day of June, 2023.

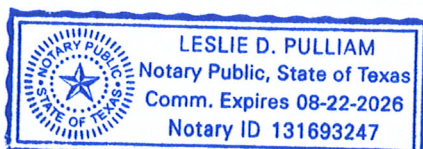
Notary Public in and for the State of Texas: Leslie D. Pulliam

Over

City of Parker * 5700 E. Parker Road, Parker Texas 75002 972-442-6811 Fax 972-442-2894 www.parkertexas.us

BIT 1/2/05

N:\1 GR-Comm\1 - Admin\1 Gov\1 P2\1m App Development\DEVELOPMENT APPLICATION Revised 20160720.doc



SUBMITTAL DEADLINES: Twenty eight (28) days prior to the Planning and Zoning Commission Meeting Date. Planning and Zoning Commission meets the second and fourth Thursday of each month.

SUBMISSIONS. Failure to submit all materials (including three sets of bound engineering plans) to the City with this application will result in delays scheduling the agenda date. Submit twelve (12) FOLDED to 8 1/2" X 11" copies of 24" X 36" prints [1"=100' scale] + electronic version in .jpeg, .tiff, or .pdf format. Applicant is to submit a complete copy of this application and drawings to the City Engineer

ALL APPLICATIONS MUST BE COMPLETE BEFORE THEY WILL BE PLACED ON A CITY AGENDA. It is the applicant's responsibility to be familiar with and to comply with, all City submittal requirements in the Zoning and Subdivision Ordinance (www.parkertexas.us), and any separate submittal policies, requirements and/or checklists that may be obtained from City staff)

NOTICE OF PUBLIC RECORDS: The submission of plans/drawings/etc. with this application makes such items public record, and the applicant understands that these items may be viewed by the general public. Unless the applicant expressly states otherwise in writing, submission of this application (with associated plans/drawings/etc.) will be considered consent by the applicant that the general public may view and/or reproduce (i.e. copy) such documents.

SUBMITTAL FEES: All fees are due and payable at the time of application, except inspection, engineering and legal fees, which are due at the time of pre-Construction meeting with the City. No construction shall take place prior to the pre-construction meeting and submission of certified construction cost bid(s) by the contractor(s) and Owner. No hearing will be scheduled nor will any reviews be made until payment of required filing fees has been accomplished. Fees are non-refundable regardless of outcome of request.

City Contact Information:

Public Workers Superintendent
City of Parker, Texas
5700 E. Parker Road * Parker, Texas 75002
Phone 972-442-6811 * Fax 972-442-2894 * www.parkertexas.us

OFFICE USE ONLY This submittal meets the City of Parker's requirements per City ordinances for processing.

Signature _____

Title _____

OFFICIAL SUBMISSION DATE

Fees Paid \$ _____ Check # _____ From: _____

P&Z Agenda Date: _____ Action: _____ CC Agenda Date: _____ Action: _____

Current Zoning: _____ Ordinance Number: _____ Date Approved: _____

Staff Comments forwarded to applicant on: _____ Revisions Due no later than: _____

Plans routed for review on _____, to: ☐ Public Works Director

☐ City Engineer

☐ Building Official

☐ Fire Department

Public Hearing Required: ☐ Yes ☐ No

Paper Notice _____ (date)

Written Notice _____ (date)

City of Parker * 5700 E. Parker Road, Parker, Texas 75002 972-442-6811 Fax 972-442-2894 www.parkertexas.us

METES AND BOUNDS DESCRIPTION**2.275 ACRES**

BEING 2.275 ACRES OF LAND SITUATED IN THE PHILLIP ANDERSON SURVEY, ABSTRACT No. 10, CITY OF PARKER, COLLIN COUNTY, TEXAS, AND BEING A PORTION OF A TRACT OF LAND DESCRIBED TO GREGORY LANE LLC BY DEED RECORDED IN INSTRUMENT NO. 20081031001284570, OFFICIAL PUBLIC RECORDS, COLLIN COUNTY, TEXAS, AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A CAPPED IRON ROD SET ON THE SOUTH LINE OF SAID GREGORY LANE TRACT, FROM WHICH AN IRON AXLE FOUND FOR THE SOUTHEAST CORNER OF THE CASA PRADERA ADDITION, AN ADDITION TO THE CITY OF PARKER, COLLIN COUNTY, TEXAS BY PLAT RECORDED IN INSTRUMENT NO. 20080301010000960 OF SAID OFFICIAL PUBLIC RECORDS BEARS SOUTH 89°55'37" WEST, A DISTANCE OF 21.66 FEET;

THENCE NORTH 00°50'24" WEST, OVER AND ACROSS SAID GREGORY LANE TRACT, A DISTANCE OF 1640.04 FEET TO A CAPPED IRON ROD SET;

THENCE NORTH 45°36'12" WEST, CONTINUING OVER AND ACROSS SAID GREGORY LANE TRACT, A DISTANCE OF 14.20 FEET TO A CAPPED IRON ROD SET ON THE SOUTH RIGHT-OF-WAY LINE OF GREGORY LANE, A VARIABLE-WIDTH RIGHT-OF-WAY, FROM WHICH A 1/2-INCH IRON ROD FOUND FOR THE NORTHWEST CORNER OF SAME TRACT BEARS SOUTH 89°38'00" WEST, A DISTANCE OF 10.03 FEET;

THENCE NORTH 89°38'00" EAST, WITH SAID SOUTH RIGHT-OF-WAY LINE, A DISTANCE OF 80.00 FEET TO A CAPPED IRON ROD SET, FROM WHICH A 1/2-INCH IRON ROD FOUND FOR THE NORTHEAST CORNER OF SAID GREGORY LANE TRACT BEARS NORTH 89°38'00" EAST, A DISTANCE OF 235.57 FEET;

THENCE SOUTH 44°23'48" WEST, OVER AND ACROSS SAID GREGORY LANE TRACT, A DISTANCE OF 14.08 FEET TO A CAPPED IRON ROD SET;

THENCE SOUTH 00°50'24" EAST, CONTINUING OVER AND ACROSS SAID GREGORY LANE TRACT, A DISTANCE OF 1640.34 FEET TO A CAPPED IRON ROD SET ON THE SOUTH LINE OF SAME TRACT, FROM WHICH A 1/2-INCH IRON ROD FOUND FOR THE SOUTHEAST CORNER OF SAID GREGORY LANE TRACT BEARS NORTH 89°55'37" EAST, A DISTANCE OF 244.96 FEET;

THENCE SOUTH 89°55'37" WEST, WITH THE SOUTH LINE OF SAID GREGORY LANE TRACT, A DISTANCE OF 60.01 FEET TO THE **POINT OF BEGINNING** AND CONTAINING A CALCULATED AREA OF 2.275 ACRES (99,111 SQ. FEET) OF LAND.

PRELIMINARY, THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED, VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT

DUPLICATE RECEIPT

1

DATE: 6/27/23**ACCOUNT: R601000000201**

OWNER: GREGORY LANE LLC

PARCEL ADDRESS: 0005710 GREGORY LN

EXEMPTION CODES: AG002

LAWSUIT:

BKRPTCY:

LEGAL: ABS A0010 PHILLIP ANDERSON SURVEY

TRACT 2

12.357 ACRES

PIDN: 2117133

ACRES: 12.357

GREGORY LANE LLC
3510 DUBLIN RD
ALLEN TX 75002-6516

RECEIPT #: 46950938

CHECK #: 1002

DEPOSIT #: 202212068829-2022/lockbox

| YEAR | TAXING ENTITIES | TAXABLE VALUE | TAX RATE PER \$100 | PAY TYPE | DATE PAID | BASE TAX PAID | PENALTY & INTEREST PAID |
|------|-----------------|------------------|-----------------------|----------|-----------|---------------|----------------------------|
| 2022 | COLLIN COUNTY | \$170,753.00 | 0.152443 | L | 12/5/22 | \$260.30 | \$0.00 |
| 2022 | PARKER CITY | \$170,753.00 | 0.329289 | L | 12/5/22 | \$562.27 | \$0.00 |
| 2022 | COLLIN COLLEGE | \$170,753.00 | 0.081220 | L | 12/5/22 | \$138.69 | \$0.00 |
| 2022 | PLANO ISD | \$170,753.00 | 1.259750 | L | 12/5/22 | \$2,151.06 | \$0.00 |

AMOUNT TENDERED \$3,112.32**AMOUNT PAID****BASE TAX \$3,112.32****TOTAL PAID \$3,112.32**

PAYER: GREGORY LANE LLC

3510 DUBLIN RD

ALLEN TX 75002-6516

REMAINING AMOUNT DUE**AS OF 6/27/23****0.00**

Collin County
Kenneth L. Maun
P.O. Box 8046
McKinney, Texas 75070
972-547-5020

OWNER: GREGORY LANE LLC

2117133

***** THIS IS A RECEIPT *******ACCOUNT: R601000000201****REMAINING AMOUNT DUE****AS OF 6/27/23****0.00**

1051

LJA
LJA ENGINEERING

LJA Engineering, Inc.
NORTH TEXAS OFFICE
6060 North Central Expressway, Suite 400
Dallas, Texas 75206

DATE June 28, 2023 35-1125/1130

PAY TO THE ORDER OF City of Parker

Eight Hundred Sixty Eight Dollars & 25/100 \$ 868.25

FOR Prelim Plat App Fee

Amegy Bank.
P.O. Box 27469
Houston, Texas 77227-1469
AMEGYBANK.COM • 713-225-0810

Security Features



6060 N Central Expy, Suite 440, Dallas, TX 75206
t 469.621.0710 www.ljaengineering.com

Meeting Date: 07/20/2023 Item 1.

LETTER OF TRANSMITTAL

To: Luke Olson
City of Parker
5700 E Parker Rd
Parker, Texas 75002

Date: 06.28.2023

LJA Job No. NT561-0133

From: Michelle Tilotta, P.E.

LJA Engineering

RE: Panorama Street

WE ARE SENDING YOU the following items:

- ☐ Shop Drawings ☐ Prints ☒ Plans ☐ Samples ☐ Specifications
☐ Copy of Letter ☐ Change Order ☐ Contract ☒ Other:

| Copies | Date | Description |
|--------|-----------|--|
| 1 | June 2023 | Preliminary Plat Application |
| 5 | June 2023 | 24"x36" Panorama Street Preliminary Plat - Bond |
| 12 | June 2023 | 11"x17" Panorama Street Preliminary Plat |
| 3 | June 2023 | Panorama Street Construction Plans |
| 1 | June 2023 | 8.5"x11" Property Metes and Bounds |
| 1 | June 2023 | Tax Certificate |
| 1 | June 2023 | Check in the amount of \$868.25 |
| 1 | June 2023 | CD Containing Preliminary Plat Application, Preliminary Plat, Construction Plans, Metes and Bounds, Tax Certificate, and Copy of Check |

THESE ARE TRANSMITTED as checked below:

- ☐ For approval ☐ Approved as submitted ☐ Resubmit _ copies for approval
☐ For your use ☐ Approved as noted ☐ Submit _ copies for distribution
☐ As requested ☐ Returned for corrections ☐ Return _ executed agreement
☒ For review & comment ☐ For signatures ☐ _____

REMARKS: Please see the attached Preliminary Plat Application, Preliminary Plats, Construction Plans, Property Metes and Bounds, and Tax Certificate.

-CC
Misty Ventura,
Shupe Ventura, PLLC

c: _____ SIGNED: _____

S:\NTX-LAND\0133\NT561\700 COMMUNICATIONS\730 Transmittal\2023.06.27_Preliminary Plat App to City of Parker.docx