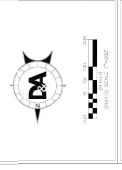


**SECTION 9
CONSTRUCTION PLANS
(FOLDED)**

1 Full Size Copy of Each Sheet in PDF format uploaded to TCEQ FTP site

SHEET
1 OF 37
Project No.: 2408-002

SHEET
1 OF 37
Project No.: 2408-002



SITE DATA TABLE

| | |
|--------------------------|----------|
| TOTAL LOT AREA | 70.00 AC |
| TOTAL RESIDENTIAL LOTS | 28 |
| PRIVATE OPEN SPACE | 1 |
| TOTAL PRIVATE OPEN SPACE | 30.00 AC |
| STREET FLOW | 2 |
| R.O.W. AVERAGE | 5.90 AC |



- NOTES:**
- 1. QUANTITY AND MATERIALS OF ALL WORK SHALL BE THE RESPONSIBILITY OF THE HOME OWNER'S ASSOCIATION.
 - 2. UTILITIES SHALL BE EXISTING UNLESS OTHERWISE NOTED.
 - 3. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 4. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 5. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 6. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 7. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 8. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 9. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 10. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 11. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 12. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 13. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
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 - 16. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 17. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 18. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 19. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 20. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 21. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 22. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 23. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 24. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 25. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 26. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.
 - 27. UTILITIES SHALL BE LOCATED AS SHOWN ON THIS PLAN.

PUBLIC ROADWAY TABLE

| STREET NAME | CLASSIFICATION | R.O.W. | PAVEMENT WIDTH | VISION CURB | Z | CURB LENGTH |
|-------------------|----------------|--------|----------------|-------------|---|-------------|
| SILVER CREEK ROAD | COUNTRY LAKE | 60' | 30' | 30' | Y | 2,086' ± |

LEGAL DESCRIPTION:
A 70.00 ACRE TRACT OF LAND, LOCATED IN PART IN THE AMBROSIO D. PAPER SURVEY, ABSTRACT NO. 394, IN HAYS COUNTY, TEXAS, BEING A PORTION OF A GRANT TO THE LAND AS DESCRIBED IN INSTRUMENT NO. 2014-159, HAYS COUNTY, TEXAS, BEING A PORTION OF A TRACT OF LAND AS DESCRIBED IN INSTRUMENT NO. 2014-159, HAYS COUNTY, TEXAS, BEING A PORTION OF THE OFFICIAL PUBLIC RECORDS OF HAYS COUNTY, TEXAS.

WATER RIGHTS: NO PORTION OF THIS PROPERTY IS LOCATED IN THE WATERSHED OF THE TEXAS RIVERS AND LAKE AUTHORITY IS LOCATED IN THE COUNTY OF HAYS COUNTY, TEXAS.

FLOODPLAIN: THIS PROPERTY IS LOCATED WITHIN THE FLOODPLAIN OF THE TEXAS RIVERS AND LAKE AUTHORITY.

UTILITIES: THIS PROPERTY IS LOCATED WITHIN THE SERVICE AREA OF THE TEXAS RIVERS AND LAKE AUTHORITY.

ADJACENT PROPERTY: THIS PROPERTY IS ADJACENT TO THE PROPERTY OWNED BY THE TEXAS RIVERS AND LAKE AUTHORITY.

OWNER/DEVELOPER: DRIPPING SPRINGS OWNER, LLC
1000 N. GARDNER, SUITE 400
NASHVILLE, TN 37215
615.726.3800

CONTACT: DOUCET & ASSOCIATES
7401 N. HWY. 71, SUITE 160
ARLINGTON, TX 76010

ENGINEER: RICHARD PHAM, P.E.
5010 382400

LAND SURVEY: MARTIN HOOVER
500 SHERWOOD DRIVE
GEORGETOWN, TEXAS 78628
512.8692244

UTILITY PROVIDERS: WATER: PUBLIC WATER WORKS
SEWER: ADVANCED ON-SITE SEWAGE FACILITIES
GAS: TEXAS GAS SERVICE

ADJACENT PROPERTY OWNERS: CITY OF DRIPPING SPRINGS (T)

ADJACENT PROPERTY OWNERS: INDEPENDENT SCHOOL DISTRICT OF DRIPPING SPRINGS (SD)

ADJACENT PROPERTY OWNERS: EMBASSY DISTRICT (SD)

ADJACENT PROPERTY OWNERS: COUNCILMAN/WATER CONSERVATION DISTRICT (SD)

ADJACENT PROPERTY OWNERS: HAYS TRINITY C/D

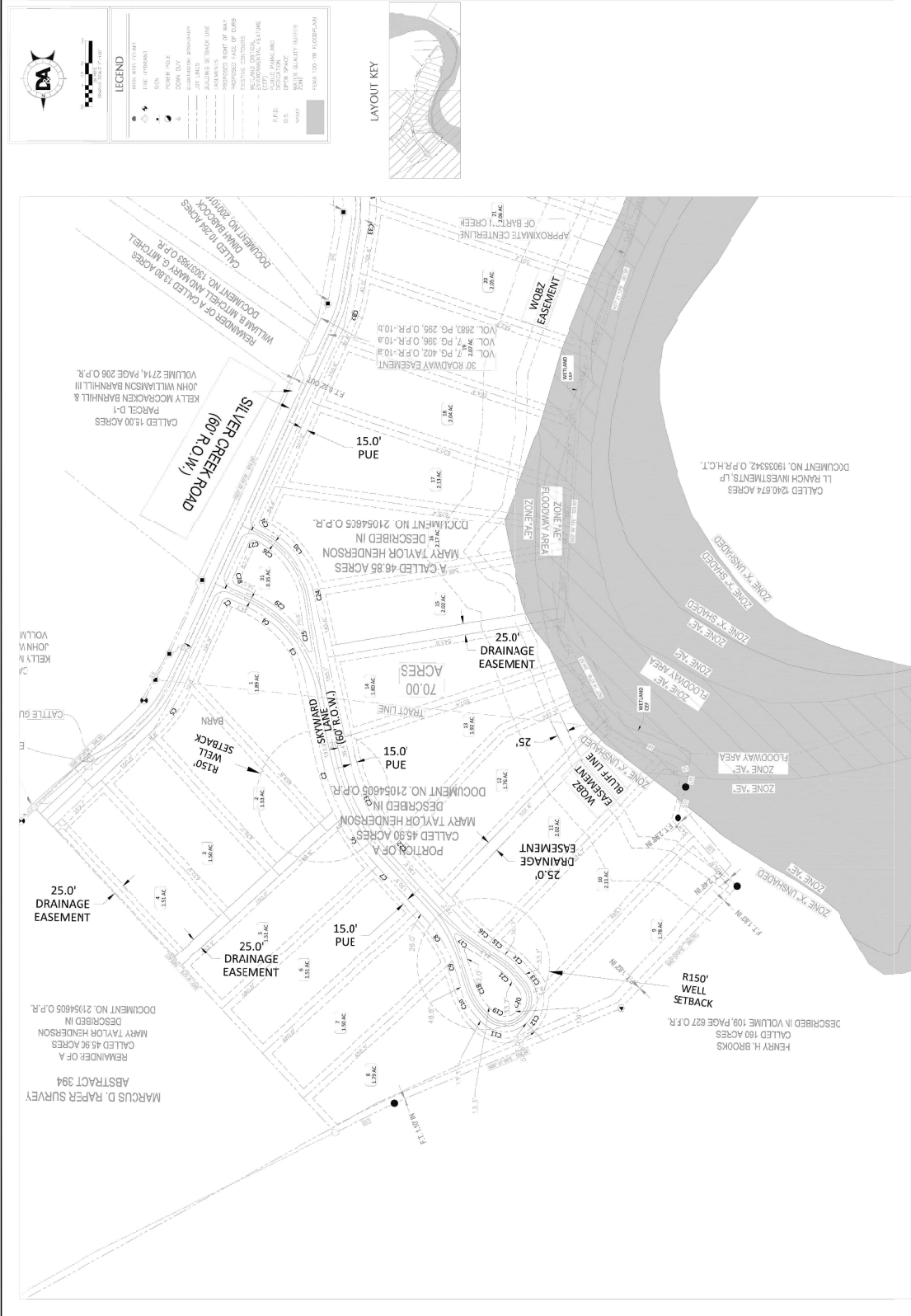
PERMITS/FEES/OTHER:

| DESCRIPTION | AMOUNT |
|---------------------------|--------|
| TOTAL PERMIT FEE | 0.00 |
| TOTAL TITLE FEE | 0.00 |
| TOTAL SURVEY FEE | 0.00 |
| TOTAL DESIGN FEE | 0.00 |
| TOTAL ENGINEER FEE | 0.00 |
| TOTAL SURVEYOR FEE | 0.00 |
| TOTAL TITLE INSURANCE FEE | 0.00 |
| TOTAL PUBLIC UTILITY FEE | 0.00 |
| TOTAL PRIVATE UTILITY FEE | 29 |
| TOTAL FEE | 29.00 |
| TOTAL PERMITTED FUNDING | 0.00 |

LOT SIZES

| FRONT | 25' |
|------------------------|-----------------|
| DEPT. | 15' |
| BACK | 15' |
| R.O.W. WIDTHS | |
| LOCAL | 60' OR AS SHOWN |
| PAVEMENT WIDTHS | |
| LOCAL | 30' OR AS SHOWN |


SILVER CREEK SUBDIVISION
DRIPPING SPRINGS, HAYS COUNTY, TEXAS



| SYMBOL | DESCRIPTION |
|----------|-----------------------------------|
| [Symbol] | EXISTING PROPERTY LINE |
| [Symbol] | EXISTING EASEMENT |
| [Symbol] | EXISTING 15' PUE |
| [Symbol] | EXISTING 25' DRAINAGE EASEMENT |
| [Symbol] | EXISTING 150' WELL SETBACK |
| [Symbol] | EXISTING 15' BUFFER ZONE EASEMENT |
| [Symbol] | EXISTING FLOODWAY AREA |
| [Symbol] | EXISTING ZONE X-UNSHAD |
| [Symbol] | NEW PROPERTY LINE |
| [Symbol] | NEW EASEMENT |
| [Symbol] | NEW 15' PUE |
| [Symbol] | NEW 25' DRAINAGE EASEMENT |
| [Symbol] | NEW 150' WELL SETBACK |
| [Symbol] | NEW 15' BUFFER ZONE EASEMENT |
| [Symbol] | NEW FLOODWAY AREA |
| [Symbol] | NEW ZONE X-UNSHAD |



SHEET
 6
 OF 37
 Project No.: 24010-002



SHEET
 4
 OF 37
 Project No.: 24010-002

Local Roadway Table

| Street Name | Silver Creek Road | Blue Sky Court |
|----------------|-------------------|----------------|
| Classification | Local Road | Local Road |
| R.O.W. Width | 60' | 60' |
| Pavement Width | 20' | 20' |

PARCEL CURVE TABLES

| CURVE | LENGTH | RADIUS | DELTA | CHORD BEARING | CHORD LENGTH |
|-------|--------|--------|--------|-----------------|--------------|
| C1 | 140.65 | 330.00 | 52.15 | N52.15 W 140.65 | 140.65 |
| C2 | 114.24 | 330.00 | 52.15 | N52.15 W 114.24 | 114.24 |
| C3 | 140.65 | 330.00 | 52.15 | N52.15 W 140.65 | 140.65 |
| C4 | 105.50 | 282.75 | 37.27 | N37.27 W 105.50 | 105.50 |
| C5 | 175.98 | 330.00 | 52.15 | N52.15 W 175.98 | 175.98 |
| C6 | 186.72 | 330.00 | 52.15 | N52.15 W 186.72 | 186.72 |
| C7 | 144.02 | 330.00 | 52.15 | N52.15 W 144.02 | 144.02 |
| C8 | 114.71 | 300.00 | 37.27 | N37.27 W 114.71 | 114.71 |
| C9 | 181.11 | 300.00 | 37.27 | N37.27 W 181.11 | 181.11 |
| C10 | 73.38 | 167.52 | 25.67 | N25.67 W 73.38 | 73.38 |
| C11 | 114.38 | 250.00 | 40.23 | N40.23 W 114.38 | 114.38 |
| C12 | 70.69 | 157.50 | 26.34 | N26.34 W 70.69 | 70.69 |
| C13 | 102.89 | 230.00 | 38.18 | N38.18 W 102.89 | 102.89 |
| C14 | 34.21 | 167.50 | 11.42 | N11.42 W 34.21 | 34.21 |
| C15 | 17.02 | 500.00 | 1.57 | N1.57 W 17.02 | 17.02 |
| C16 | 85.60 | 500.00 | 5.48 | N5.48 W 85.60 | 85.60 |
| C17 | 12.48 | 5.00 | 143.12 | S53.27 W 12.48 | 12.48 |
| C18 | 58.90 | 374.00 | 90.07 | S89.93 W 58.90 | 58.90 |
| C19 | 58.90 | 374.00 | 90.07 | S89.93 W 58.90 | 58.90 |
| C20 | 58.90 | 374.00 | 90.07 | S89.93 W 58.90 | 58.90 |
| C21 | 27.05 | 132.50 | 11.42 | N11.42 W 27.05 | 27.05 |
| C22 | 14.02 | 470.00 | 1.42 | N1.42 W 14.02 | 14.02 |
| C23 | 237.33 | 470.00 | 28.55 | N28.55 W 237.33 | 237.33 |
| C24 | 10.59 | 214.00 | 2.89 | N2.89 W 10.59 | 10.59 |
| C25 | 166.53 | 150.58 | 50.07 | N50.07 W 166.53 | 166.53 |
| C26 | 166.53 | 150.58 | 50.07 | N50.07 W 166.53 | 166.53 |
| C27 | 21.58 | 13.25 | 93.20 | S93.20 W 21.58 | 21.58 |
| C28 | 20.84 | 13.25 | 90.63 | S90.63 W 20.84 | 20.84 |
| C29 | 145.70 | 317.25 | 29.18 | S29.18 W 145.70 | 145.70 |
| C30 | 103.46 | 214.00 | 29.52 | S29.52 W 103.46 | 103.46 |
| C31 | 103.46 | 214.00 | 29.52 | S29.52 W 103.46 | 103.46 |
| C32 | 80.92 | 300.00 | 15.35 | S15.35 W 80.92 | 80.92 |
| C33 | 56.58 | 300.00 | 9.49 | S9.49 W 56.58 | 56.58 |
| C34 | 14.47 | 330.00 | 2.30 | S2.30 W 14.47 | 14.47 |
| C35 | 30.84 | 270.00 | 6.32 | S6.32 W 30.84 | 30.84 |
| C36 | 52.29 | 270.00 | 11.67 | S11.67 W 52.29 | 52.29 |
| C37 | 52.29 | 270.00 | 11.67 | S11.67 W 52.29 | 52.29 |
| C38 | 3.52 | 270.00 | 0.45 | S0.45 W 3.52 | 3.52 |
| C39 | 32.25 | 270.00 | 5.50 | S5.50 W 32.25 | 32.25 |
| C40 | 8.19 | 5.00 | 93.49 | S93.49 W 8.19 | 8.19 |
| C41 | 93.11 | 70.00 | 76.12 | N86.08 W 93.11 | 93.11 |
| C42 | 133.11 | 70.00 | 97.29 | N92.50 W 133.11 | 133.11 |
| C43 | 64.98 | 20.00 | 83.10 | N82.29 W 64.98 | 64.98 |

SKYWARD LANE MAIN

| Number | Length | Radius | Line/Chord Direction |
|--------|--------|---------|----------------------|
| C1 | 23.98 | 1857.17 | N85.77 W 23.98 |
| C2 | 594.03 | 207.90 | N89.28 W 594.03 |
| C3 | 114.04 | 200.00 | N107.59 W 114.04 |
| C4 | 144.88 | 182.49 | N127.49 W 144.88 |
| C5 | 267.88 | 300.00 | N147.19 W 267.88 |
| C6 | 548.28 | 183.19 | N147.19 W 548.28 |
| C7 | 4.89 | 249.93 | N147.46 W 4.89 |

SKYWARD LANE CCS

| Number | Length | Radius | Line/Chord Direction |
|--------|--------|--------|----------------------|
| C12 | 105.60 | 250.00 | N39.07 W 105.60 |
| C13 | 93.27 | 183.02 | N39.07 W 93.27 |
| C14 | 66.16 | 150.00 | N39.41 W 66.16 |
| C15 | 13.22 | 183.19 | N18.87 W 13.22 |
| C16 | 86.39 | 50.00 | N87.19 W 86.39 |
| C17 | 3.91 | 546.40 | S46.40 W 3.91 |
| C18 | 86.39 | 50.00 | S91.40 W 86.39 |
| C19 | 33.74 | 543.19 | S43.19 W 33.74 |
| C20 | 30.68 | 150.00 | S49.10 W 30.68 |
| C21 | 100.10 | 555.01 | S55.01 W 100.10 |
| C22 | 102.12 | 500.00 | S49.10 W 102.12 |

SKYWARD LANE ENTRANCE

| Number | Length | Radius | Line/Chord Direction |
|--------|--------|---------|----------------------|
| L18 | 73.27 | 1665.17 | N65.17 W 73.27 |
| L19 | 200.60 | 300.00 | N39.28 W 200.60 |

SILVER CREEK ROAD

| Number | Length | Radius | Line/Chord Direction |
|--------|--------|--------|----------------------|
| C1 | 114.26 | 300.00 | S34.56 W 114.26 |
| C2 | 80.26 | 330.00 | S34.56 W 80.26 |
| C3 | 86.84 | 300.00 | S35.00 W 86.84 |
| C4 | 142.80 | 300.00 | S35.00 W 142.80 |
| C5 | 64.92 | 300.00 | S35.00 W 64.92 |
| C6 | 103.62 | 300.00 | S35.00 W 103.62 |
| C7 | 93.83 | 300.00 | S35.00 W 93.83 |
| C8 | 173.98 | 513.59 | S21.64 W 173.98 |
| C9 | 72.16 | 300.00 | S20.59 W 72.16 |
| C10 | 283.05 | 527.58 | S20.59 W 283.05 |
| C11 | 364.84 | 300.00 | S21.64 W 364.84 |
| C12 | 142.80 | 35.00 | S21.64 W 142.80 |
| C13 | 23.60 | 35.00 | S21.64 W 23.60 |
| C14 | 51.85 | 573.51 | S21.64 W 51.85 |

Date: 05/13/2024
 User: C:\Users\jcm\OneDrive\Documents\24010-002\24010-002.dwg
 Plot: 24010-002.dwg, 05/13/2024, 11:53:15 AM
 Plot Size: 11.00 x 17.00 inches

Date: 05/13/2024
 User: C:\Users\jcm\OneDrive\Documents\24010-002\24010-002.dwg
 Plot: 24010-002.dwg, 05/13/2024, 11:53:15 AM
 Plot Size: 11.00 x 17.00 inches



GRAPHIC SCALE - FEET

LEGEND

- BURN HOOD FOUND (SIZE NOTED)
- BURN HOOD FOUND (SIZE NOTED)
- BENCHMARK FOUND
- △ CALCULATED POINT
- COTTON SPRINKLE FOUND
- ▲ FRAME POST LOCATIONS
- PROPERTY CORNER
- ADJACENT FOUND
- CONCRETE NUMBER FOUND
- CULVERT
- EXISTING TREE
- PROPERTY BOUNDARY
- WIRE FENCE
- OVERHEAD ELECTRIC
- GRAVEL BOUNDARY
- DOWN POST
- ELECTRIC TRANSFORMER
- ELECTRIC METER
- ELECTRIC PULL BOX
- ELECTRIC MANHOLE
- POWER POLE
- GRAVEL BOUNDARY
- EXISTING TREE
- PROPERTY BOUNDARY
- WIRE FENCE
- OVERHEAD ELECTRIC





LEGEND

SEPARATION BOUNDARY

LOT LINES

EASEMENTS

NOVA APLAS 14, 100-1R DEVELOPED FLOODPLAIN

OVERALL LIMITS

DEMOLITION SYMBOLS

CONCRETE WASH OUT AREA

ROAD-FILL STORAGE AREA

GRAVEL ROWWAY TO BE DEMOLISHED AND RECONSTRUCTED

TRIPLES TO REMOVE AND TO REINSTATE

TRIPLES TO REMOVE AND TO REINSTATE

TRIPLES TO REMOVE AND TO REINSTATE

TRIPLES TO REMOVE AND TO REINSTATE

NOTES

1. UNLESS OTHERWISE SHOWN, ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION.

2. ALL RESPONSIBILITY FOR THE ACCURACY OF THESE UTILITIES SHALL BE BORNE BY THE USER OF THESE PLANS. IN REGARDING THESE PLANS, THE CITY MUST BE APPROVED BY THE CITY ENGINEER AND DESIGN ENGINEER.

SILVER CREEK SUBDIVISION

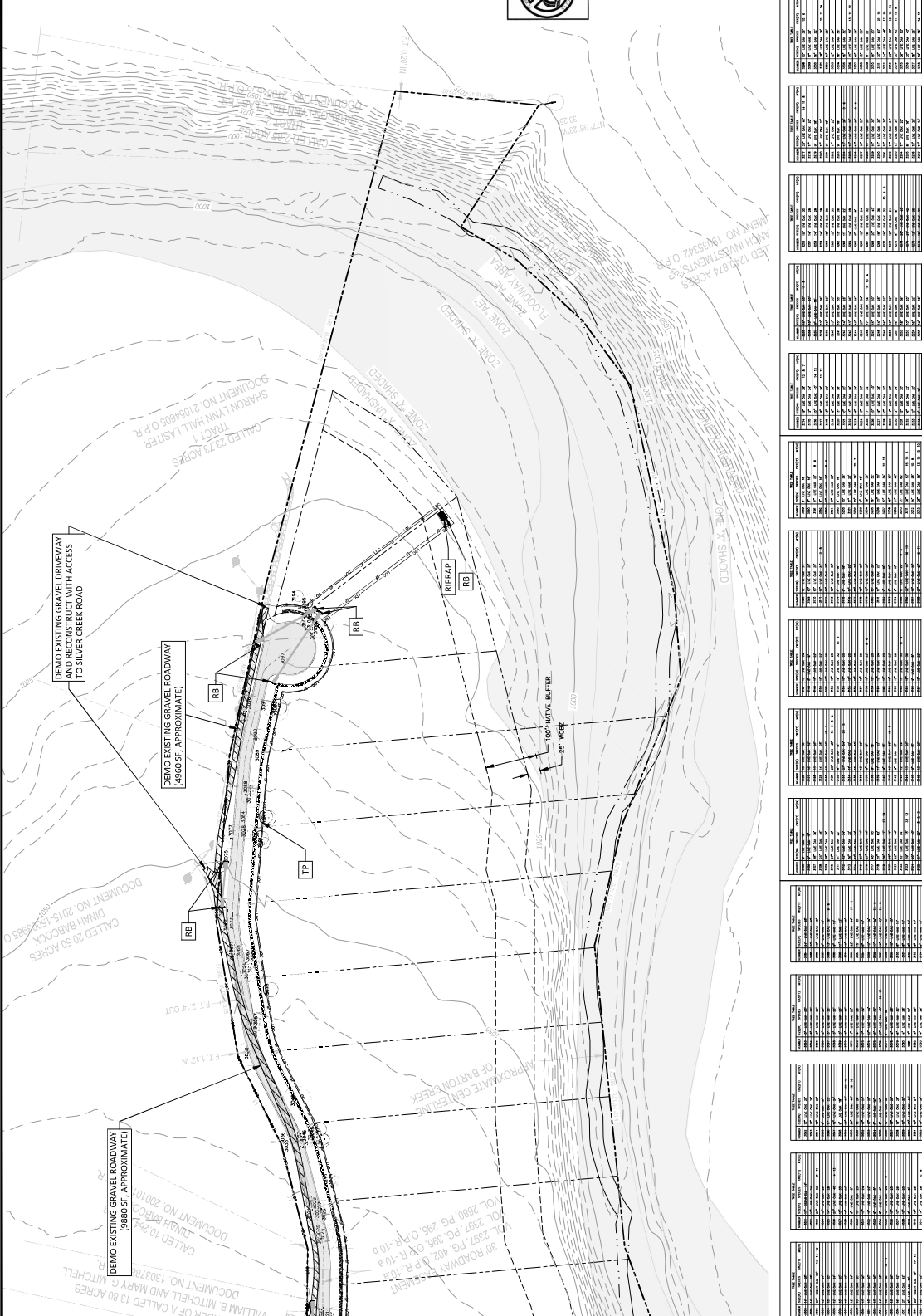
Erosion Control

| | |
|------------------------|-------------|
| SHRIMP | 7500 LF |
| ROCK BERM | 1316 LF |
| STAIRING AREA | 1 EACH |
| CONSTRUCTION ENTRANCE | 1 EACH |
| CONCRETE WASHOUT | 1 EACH |
| LIMITS OF CONSTRUCTION | 9.951 ACRES |

NOTES

1. PROPOSED CHANNELS WITHIN PROJECT AREA CAN BE USED AS TEMPORARY EROSION CONTROL MEASURES UNTIL PERMANENT CHANNELS ARE CONSTRUCTED AND APPROVED BY THE CITY ENGINEER AND DESIGN ENGINEER.

2. THIS IS BROUGHT IN QUARTER AND LARGER SHALL REMOVE

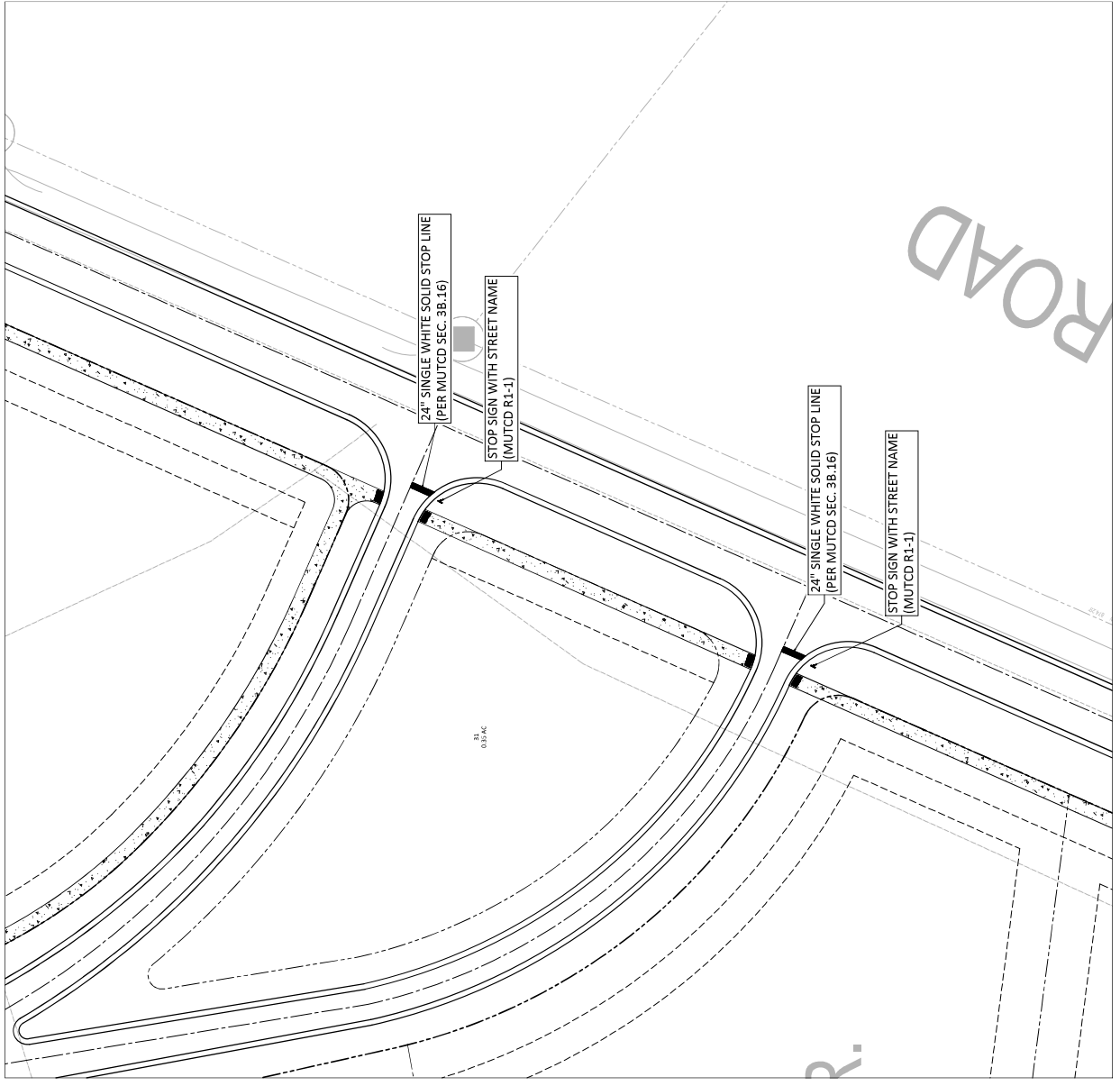
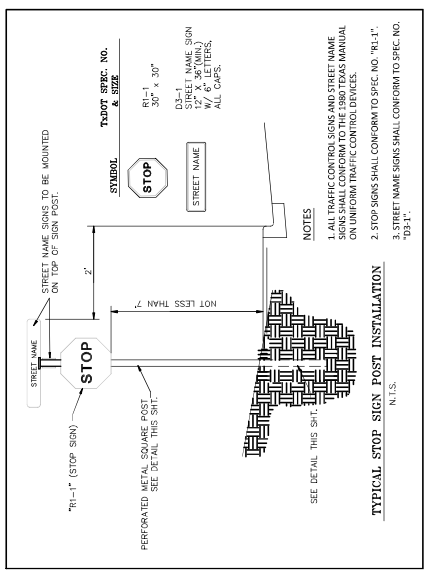


| NO. | DATE | REVISIONS |
|-----|----------|-----------------------|
| 1 | 08/14/24 | ISSUED FOR PERMITTING |
| 2 | 08/14/24 | REVISED PER COMMENTS |
| 3 | 08/14/24 | REVISED PER COMMENTS |



LEGEND

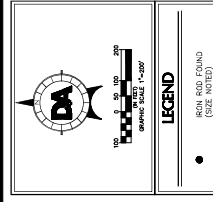
- ROADWAY CENTERLINE
- ROADWAY RIGHT-OF-WAY
- PROPOSED DRIVE
- EASEMENTS
- WIRE FENCE
- CONCRETE/STREET
- ASPHALT DRIVE
- STOP SIGN WITH STREET NAME



ROAD

OVERALL ROADWAY PLAN

SILVER CREEK SUBDIVISION
 DRIPPING SPRINGS OWNER, LLC.
 HAYS COUNTY, TEXAS 78620



LEGEND

- RIGHT-OF-WAY FOUND (SEE NOTES)
- EXISTING PAVED ROAD (SEE NOTES)
- BENCHMARK FOUND
- CALCULATED POINT
- COTTON SPINDLE FOUND
- MONUMENT FOUND
- PROPERTY CORNER
- FENCE POST OCCUPIES PROPERTY CORNER
- BOUNDARY LINE
- PROPERTY LINES
- EXISTING UTILITY (EXISTING)
- OVERHEAD ELECTRIC (EXISTING)
- PROPOSED 110KV SURFACE

SITE TABLE

| | | |
|---------------------------|------------|-------------|
| SITE AREA | 3480.00 SF | 70.00 ACRES |
| IMPERVIOUS COVER | 464.20 SF | 10.46 ACRES |
| STRUCTURES/POOLES | 301.00 SF | 2.32 ACRES |
| ROADWAY/OTHER PAVED AREAS | 668.00 SF | 2.98 ACRES |
| TOTAL IMPERVIOUS COVER | 1433.20 SF | 18.54% |

LOT SETBACKS
 FRONT 25'
 REAR 15'
 SIDE 15'

ROW WIDTHS
 SILVER CREEK ROAD LOCAL 60' OR AS SHOWN
 SKYWARD LANE LOCAL 60' OR AS SHOWN

PAVEMENT WIDTHS
 SILVER CREEK ROAD LOCAL 30' OR AS SHOWN
 SKYWARD LANE LOCAL 20' OR AS SHOWN

SILVER CREEK ROAD

| Number | Length | Radius | Line/Chord Direction |
|--------|---------|---------|----------------------|
| C1 | 114.286 | 300.000 | S34° 35' 07.65"W |
| L2 | 892.536 | | S23° 49' 30.55"W |
| C2 | 81.864 | 300.000 | S15° 00' 27.85"W |
| L3 | 142.680 | | S08° 41' 07.24"W |
| C3 | 64.939 | 300.000 | S02° 31' 03.72"W |
| L4 | 103.952 | | S02° 39' 02.30"E |
| C4 | 91.363 | 300.000 | S05° 10' 09.67"W |
| L5 | 177.578 | | S13° 59' 21.64"W |
| C5 | 72.316 | 300.000 | S20° 53' 42.14"W |
| L6 | 258.985 | | S27° 48' 02.84"W |
| C6 | 38.684 | 300.000 | S31° 28' 15.14"W |
| L7 | 142.490 | | S35° 08' 27.64"W |
| C7 | 23.600 | 35.000 | S54° 29' 57.03"W |
| L8 | 51.645 | | S73° 51' 26.41"W |

SKYWARD LANE MAIN

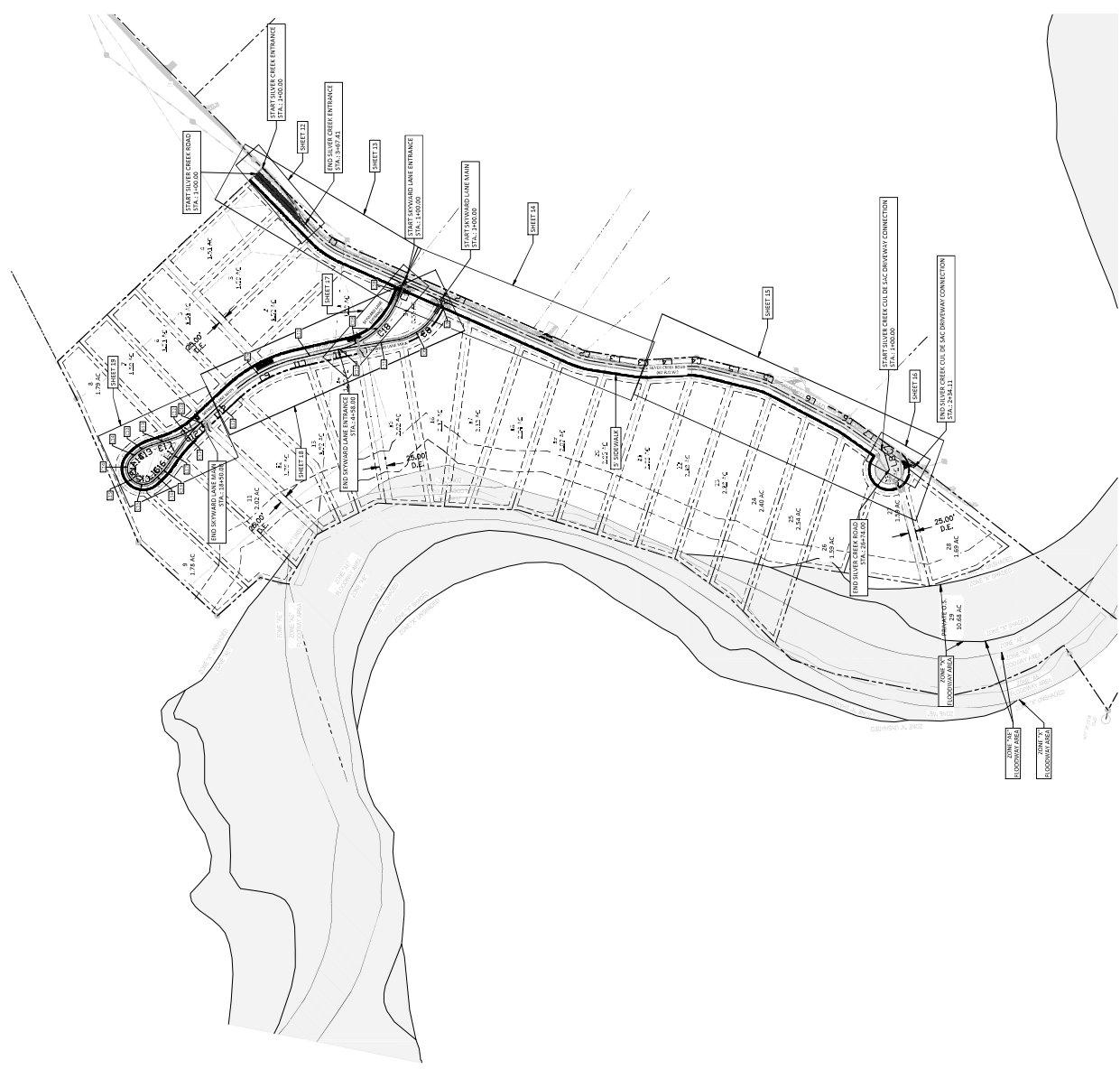
| Number | Length | Radius | Line/Chord Direction |
|--------|---------|---------|----------------------|
| L9 | 32.566 | | N65° 17' 11.00"W |
| C8 | 194.373 | 207.750 | N39° 28' 59.49"W |
| L10 | 211.414 | | N09° 18' 57.79"W |
| C11 | 11.742 | 200.000 | N107° 59' 52.88"W |
| L11 | 144.285 | | N12° 40' 47.98"W |
| C9 | 267.384 | 500.000 | N27° 59' 59.90"W |
| L12 | 146.128 | | N43° 19' 11.83"W |
| C10 | 4.809 | 249.913 | N42° 46' 07.99"W |

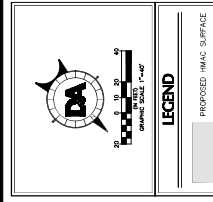
SKYWARD LANE CURS

| Number | Length | Radius | Line/Chord Direction |
|--------|---------|---------|----------------------|
| C12 | 105.460 | 250.000 | N39° 07' 58.82"W |
| L13 | 93.237 | | N48° 02' 53.49"W |
| C13 | 66.161 | 150.000 | N49° 41' 02.66"W |
| L14 | 13.322 | | N47° 10' 11.83"W |
| C14 | 86.394 | 55.000 | N48° 19' 11.83"W |
| L15 | 1.901 | | S46° 40' 48.17"W |
| C15 | 86.394 | 55.000 | S02° 40' 48.17"W |
| L16 | 33.794 | | S43° 19' 11.83"E |
| C16 | 30.636 | 150.000 | S49° 10' 15.87"E |
| L17 | 103.004 | | S55° 01' 19.97"E |
| C17 | 102.121 | 300.000 | S49° 10' 15.87"E |

SKYWARD LANE ENTRANCE

| Number | Length | Radius | Line/Chord Direction |
|--------|---------|---------|----------------------|
| L18 | 772.74 | | N62° 17' 10.97"W |
| L18 | 280.682 | 300.000 | N39° 28' 59.49"W |



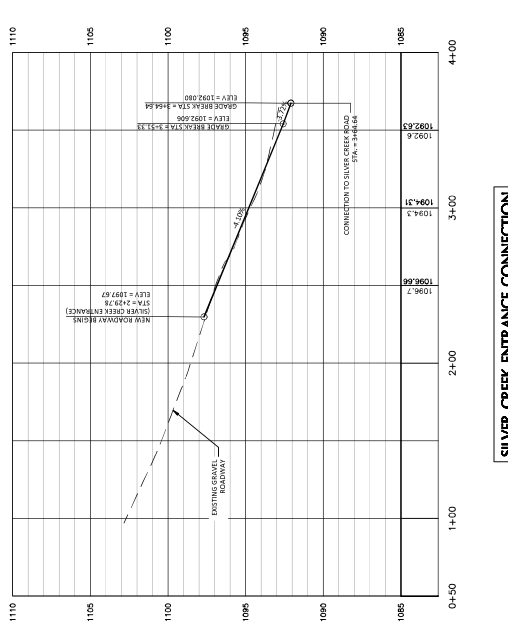
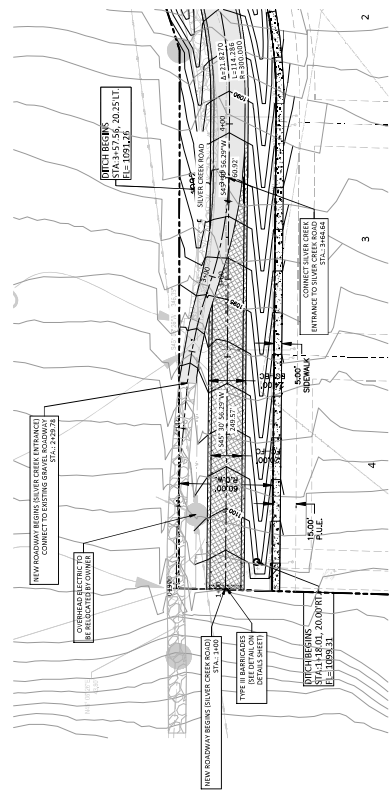


- LEGEND**
- PROPOSED HMA SURFACE
 - PROPOSED HMA SURFACE FOR LOCAL USE
 - BOUNDARY LINE/ROW
 - EASEMENTS
 - WIRE FENCE
 - OVERHEAD ELECTRIC

SIGN SUMMARY

| SHEET NUMBER | SIGN SPECIFICATION | DESCRIPTION |
|--------------|--------------------|-------------|
| R1-1 | 30"x30" | STOP |

NOTES:
 1. EXISTING GRADE, ROADWAY WIDTH, UNITS OF MEASUREMENT AND RIGHT-OF-WAY SHALL BE DEMONSTRATED (SEE SHEET 12.0)

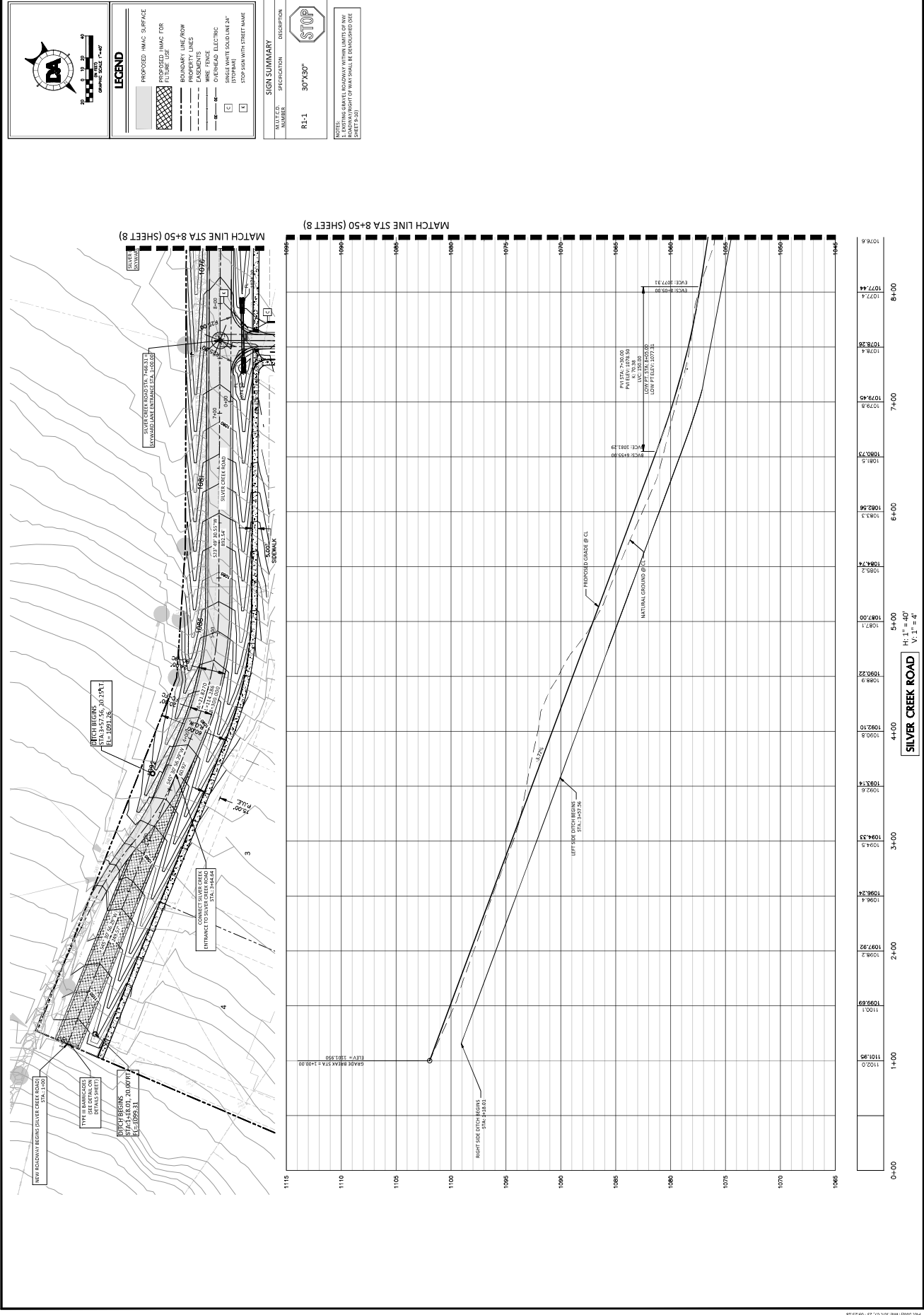


SILVER CREEK ENTRANCE CONNECTION
 H: 1" = 40'
 V: 1" = 4'



SILVER CREEK SUBDIVISION
DRIPPING SPRINGS OWNER, LLC.
HAYS COUNTY, TEXAS 78620

SILVER CREEK PLAN AND PROFILE 1



STOP

30'x30'

AL-1

STOP SIGN WITH STREET NAME

LEGEND

- PROPOSED HMA SURFACE
- PROPOSED HMA SURFACE FOR UTILITY USE
- BOUNDARY LINE/ROW
- EXISTING UTILITIES
- EXISTING FENCE
- EXISTING WIRE FENCE
- EXISTING OVERHEAD ELECTRIC
- EXISTING WHITE SOLID LINE 24"
- EXISTING WHITE DASHED LINE 24"
- STOP SIGN WITH STREET NAME

DA

Graphic Scale 1"=40'

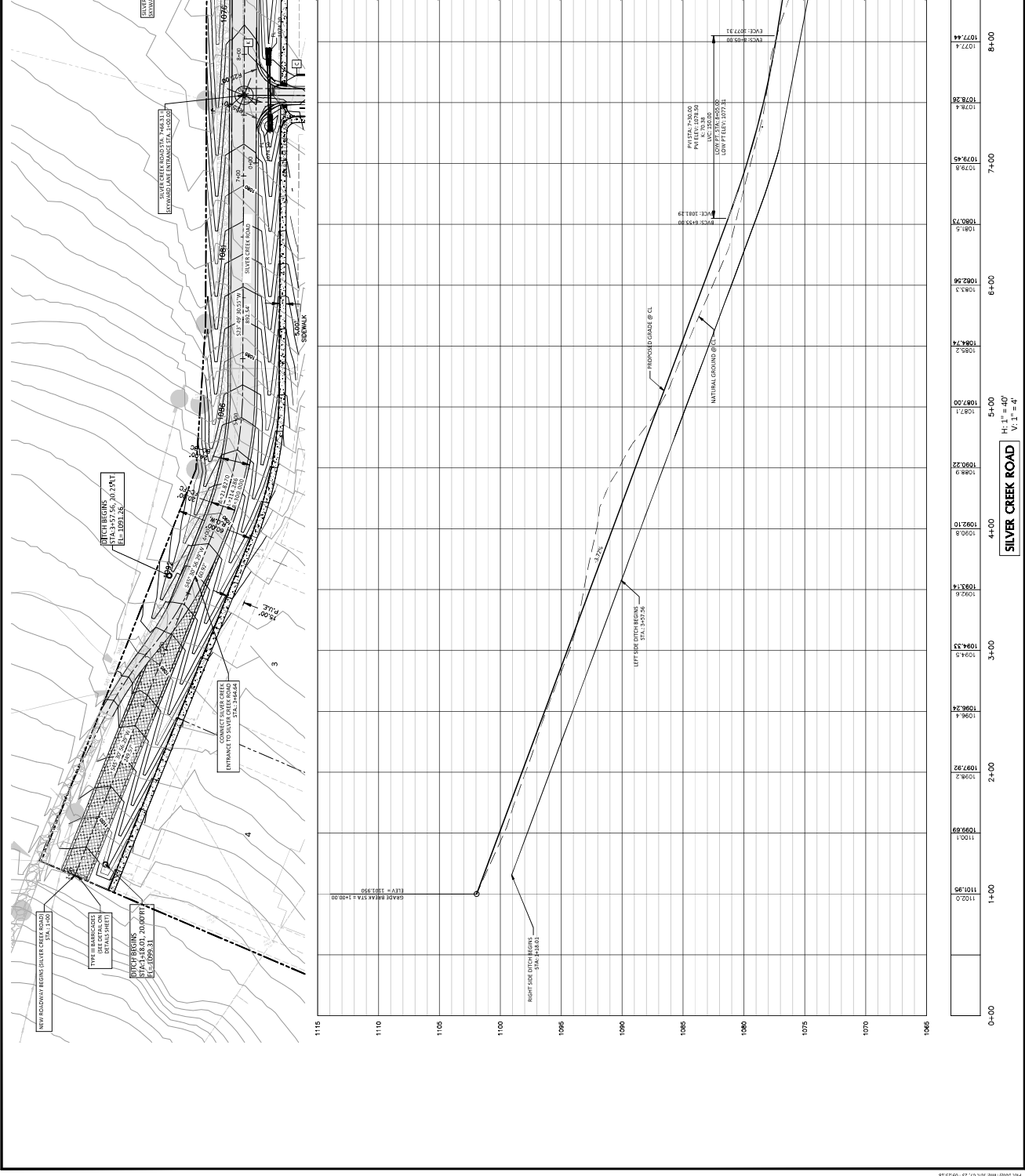
North Arrow

NOTES:

- EXISTING GRAVEL ROADWAY WITHIN LIMITS OF IMPROVEMENT SHALL BE RECONSTRUCTED TO HMA.
- EXISTING GRAVEL ROADWAY WITHIN LIMITS OF IMPROVEMENT SHALL BE RECONSTRUCTED TO HMA.

MATCH LINE STA 8+50 (SHEET 8)

MATCH LINE STA 8+50 (SHEET 8)





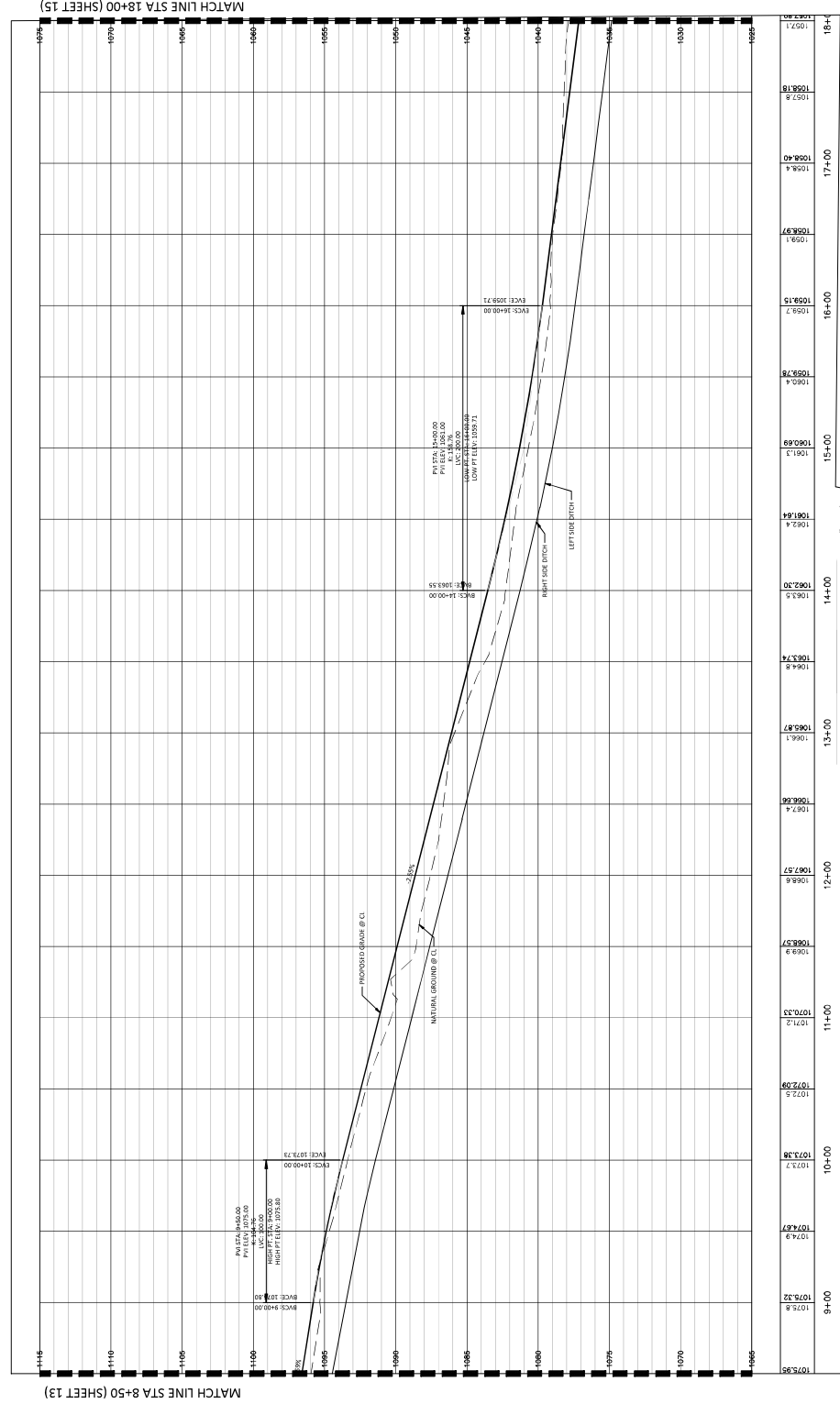
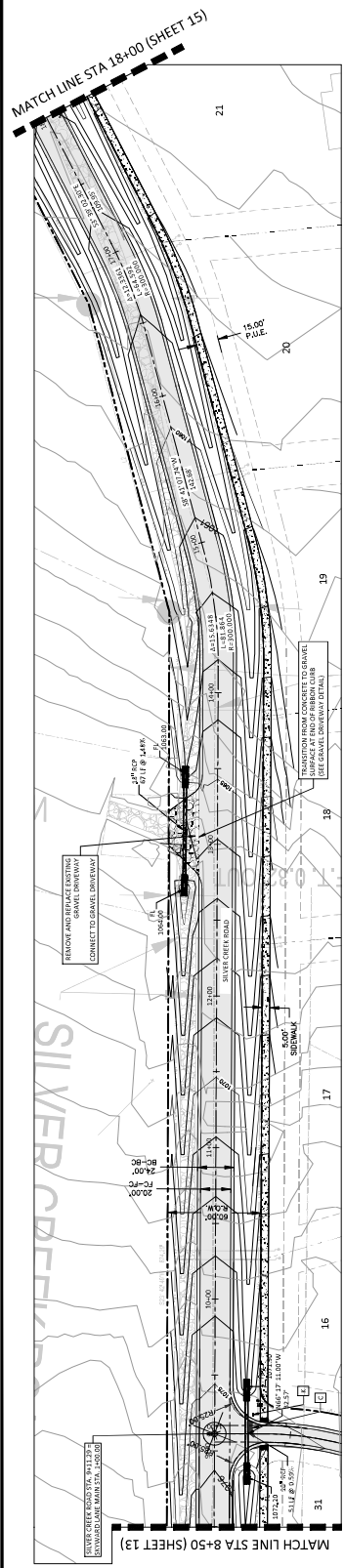
GRAPHIC SCALE 1"=400'

LEGEND

- PROPOSED HMA SURFACE
- PROPOSED HMA SURFACE FOR 15.00' P.A.W.
- BOUNDARY LINE/ROW
- EXISTING UTILITY LINES
- EXISTING FACILITIES
- WIRE FENCE
- OVERHEAD ELECTRIC
- EXISTING WHITE SOLID LINE 2'
- STOP SIGN WITH STREET NAME

SIGN SUMMARY

| NUMBER | SPECIFICATION | DESCRIPTION |
|--------|---------------|-------------|
| R1-1 | 30"X30" | STOP |



| Station | Elevation |
|---------|-----------|
| 1072.89 | 9+00 |
| 1075.32 | 9+10 |
| 1074.9 | 10+00 |
| 1073.7 | 10+10 |
| 1073.38 | 10+20 |
| 1072.5 | 10+30 |
| 1072.09 | 10+40 |
| 1072.4 | 10+50 |
| 1068.6 | 10+60 |
| 1061.57 | 10+70 |
| 1061.1 | 10+80 |
| 1061.3 | 10+90 |
| 1061.7 | 11+00 |
| 1061.3 | 11+10 |
| 1061.3 | 11+20 |
| 1061.3 | 11+30 |
| 1061.3 | 11+40 |
| 1061.3 | 11+50 |
| 1061.3 | 11+60 |
| 1061.3 | 11+70 |
| 1061.3 | 11+80 |
| 1061.3 | 11+90 |
| 1061.3 | 12+00 |
| 1061.3 | 12+10 |
| 1061.3 | 12+20 |
| 1061.3 | 12+30 |
| 1061.3 | 12+40 |
| 1061.3 | 12+50 |
| 1061.3 | 12+60 |
| 1061.3 | 12+70 |
| 1061.3 | 12+80 |
| 1061.3 | 12+90 |
| 1061.3 | 13+00 |
| 1061.3 | 13+10 |
| 1061.3 | 13+20 |
| 1061.3 | 13+30 |
| 1061.3 | 13+40 |
| 1061.3 | 13+50 |
| 1061.3 | 13+60 |
| 1061.3 | 13+70 |
| 1061.3 | 13+80 |
| 1061.3 | 13+90 |
| 1061.3 | 14+00 |
| 1061.3 | 14+10 |
| 1061.3 | 14+20 |
| 1061.3 | 14+30 |
| 1061.3 | 14+40 |
| 1061.3 | 14+50 |
| 1061.3 | 14+60 |
| 1061.3 | 14+70 |
| 1061.3 | 14+80 |
| 1061.3 | 14+90 |
| 1061.3 | 15+00 |
| 1061.3 | 15+10 |
| 1061.3 | 15+20 |
| 1061.3 | 15+30 |
| 1061.3 | 15+40 |
| 1061.3 | 15+50 |
| 1061.3 | 15+60 |
| 1061.3 | 15+70 |
| 1061.3 | 15+80 |
| 1061.3 | 15+90 |
| 1061.3 | 16+00 |
| 1061.3 | 16+10 |
| 1061.3 | 16+20 |
| 1061.3 | 16+30 |
| 1061.3 | 16+40 |
| 1061.3 | 16+50 |
| 1061.3 | 16+60 |
| 1061.3 | 16+70 |
| 1061.3 | 16+80 |
| 1061.3 | 16+90 |
| 1061.3 | 17+00 |
| 1061.3 | 17+10 |
| 1061.3 | 17+20 |
| 1061.3 | 17+30 |
| 1061.3 | 17+40 |
| 1061.3 | 17+50 |
| 1061.3 | 17+60 |
| 1061.3 | 17+70 |
| 1061.3 | 17+80 |
| 1061.3 | 17+90 |
| 1061.3 | 18+00 |

SILVER CREEK ROAD

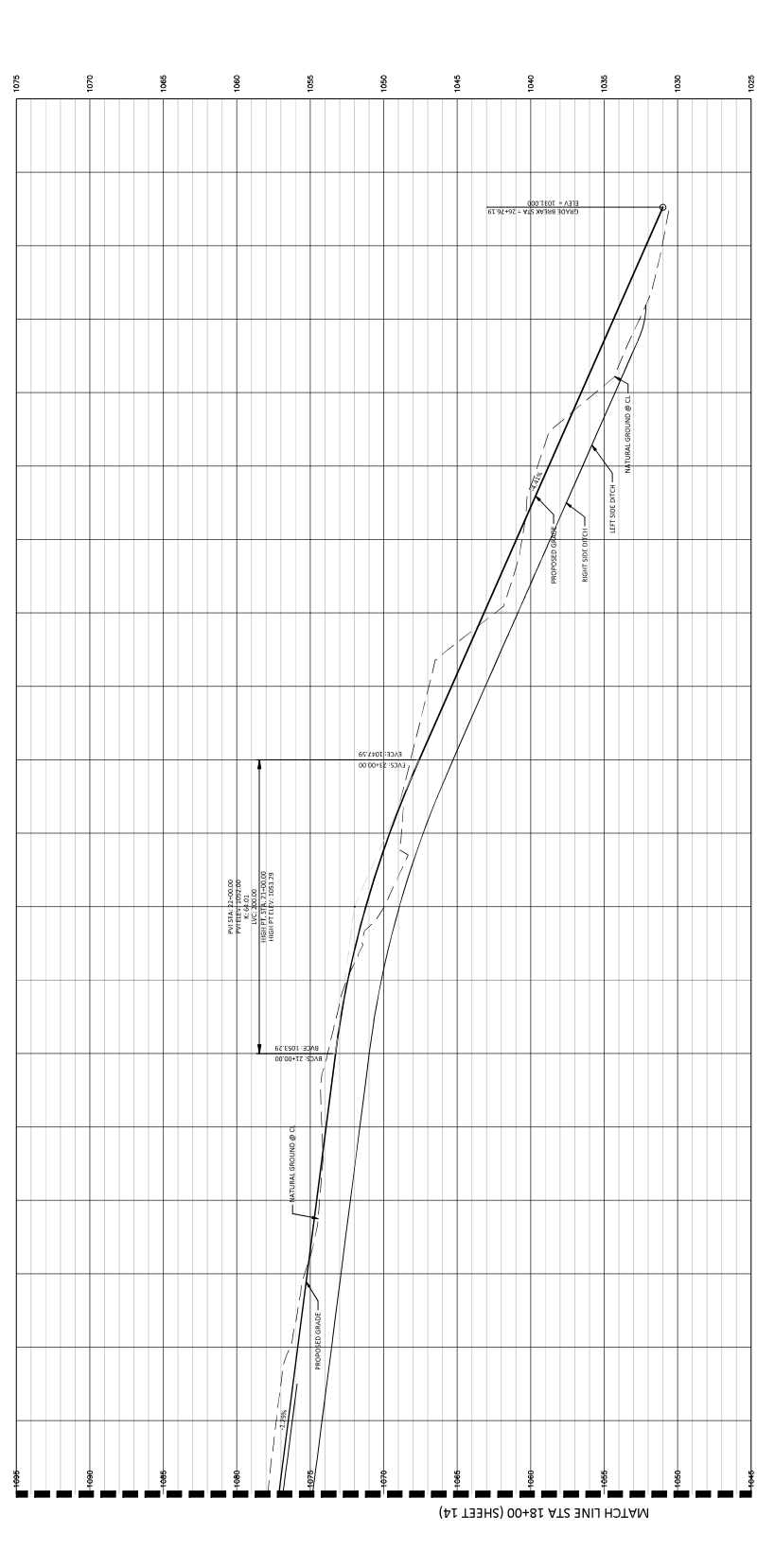
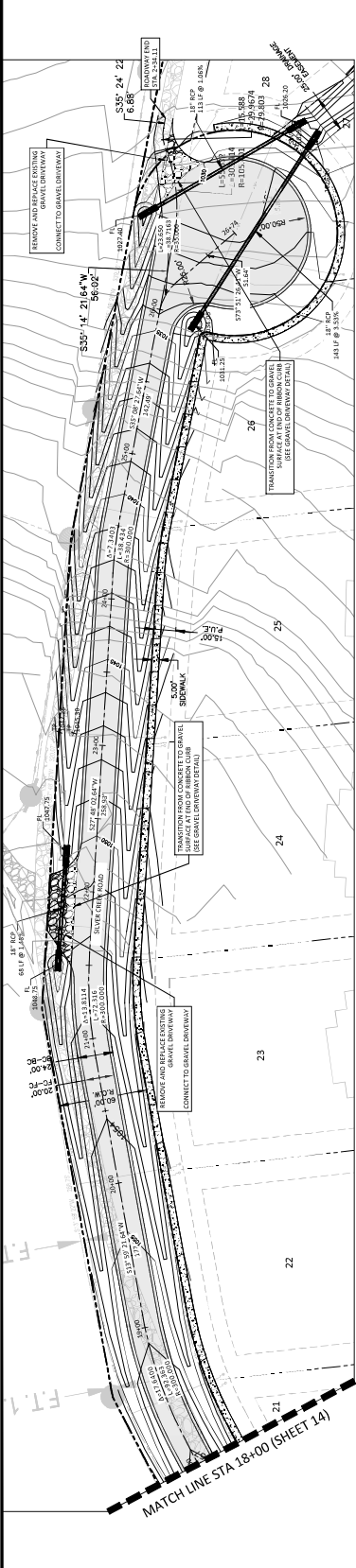
1/4" = 40'
 1/8" = 40'



LEGEND

- PROPOSED HMA SURFACE
- PROPOSED HMA/C FOR FUTURE USE
- BOUNDARY LINE/ROW
- PROPERTY LINES
- MAINTENANCE EASEMENT
- MAINTENANCE EASEMENT
- OVERHEAD ELECTRIC
- SINGLE WHITE SOLID LINE 24" STORMHOLE
- STOP SIGN WITH STREET NAME

DA
 0 10 20 30
 GRAPHIC SCALE 1"=40'



| Station | Elevation |
|---------|-----------|
| 18+00 | 1027.89 |
| 19+00 | 1025.37 |
| 19+50 | 1025.9 |
| 20+00 | 1025.39 |
| 20+50 | 1024.8 |
| 21+00 | 1023.81 |
| 21+50 | 1023.3 |
| 22+00 | 1022.33 |
| 22+50 | 1021.2 |
| 23+00 | 1018.80 |
| 23+50 | 1017.6 |
| 24+00 | 1014.17 |
| 24+50 | 1014.4 |
| 25+00 | 1014.33 |
| 25+50 | 1013.8 |
| 26+00 | 1013.5 |
| 26+50 | 1012.2 |
| 27+00 | 1010.00 |
| 27+50 | 1007.89 |

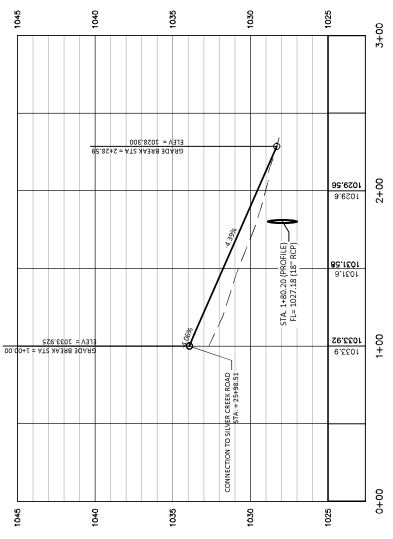
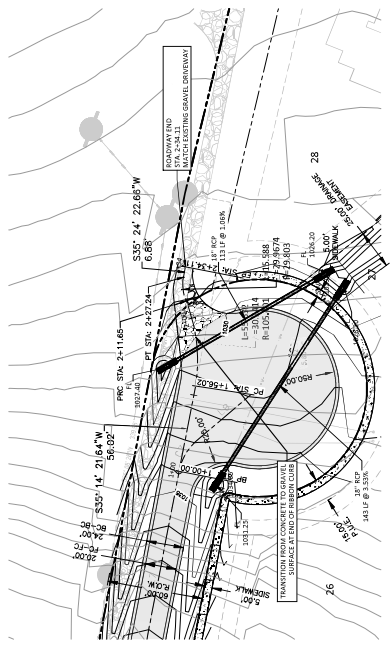
SILVER CREEK ROAD

H: 1" = 40'
 V: 1" = 4'



LEGEND

- PROPOSED HMA/C SURFACE
- PROPOSED HMA/C FOR FUTURE USE
- BOUNDARY LINE/ROW
- PROPERTY LINES
- EXISTING DRIVEWAY
- WALKWAY
- WIRE FENCE
- OVERHEAD ELECTRIC
- SINGLE WHITE SOLID LINE 24" STOP SIGN WITH STREET NAME



SILVER CREEK CUL DE SAC DRIVEWAY CONNECTION

H: 1" = 40'
 V: 1" = 4'



SILVER CREEK SUBDIVISION

DRIPPING SPRINGS OWNER, LLC.
HAYS COUNTY, TEXAS 78620

SKYWARD LANE PROFILE 1

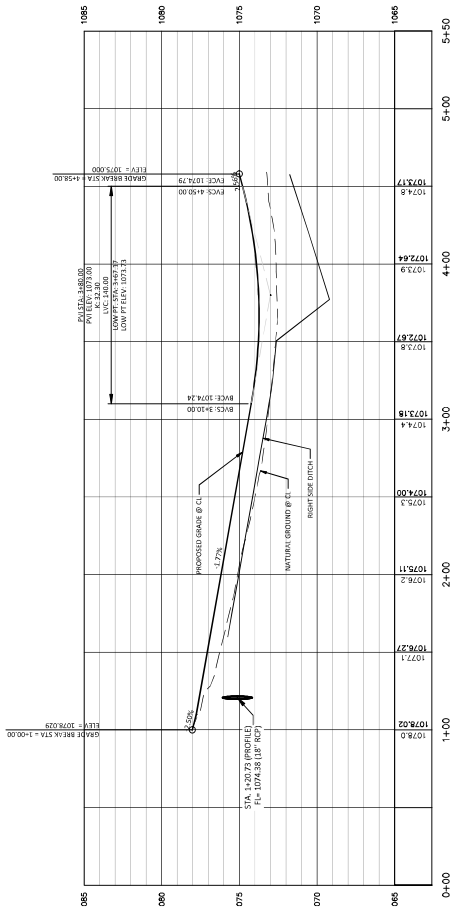
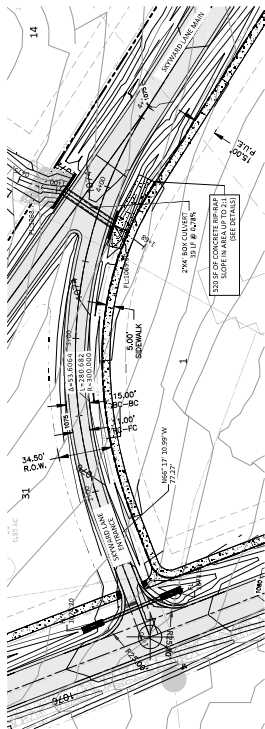
PROJECT No.: 2408.002
SHEET 17 OF 37

DOI Engineering // Engineers // Geospatial
2401 N. Highway 21 W. 5th. 140
Austin, TX 78755. Tel: (512) 883-4200
www.doiengineering.com
1875 Form Number: 2022
18753 Form Number: 10105800



LEGEND

- [Solid line] PROPOSED HMA/C SURFACE
- [Hatched area] PROPOSED HMA/C FOR FUTURE USE
- [Dashed line] BOUNDARY LINE/ROW
- [Dotted line] PROPERTY LINES
- [Long-dashed line] EASEMENTS
- [Short-dashed line] WIRE FENCE
- [Symbol with 1] OVERHEAD ELECTRIC
- [Symbol with 2] SINGLE WHITE SOLID LINE 24" CROWN
- [Symbol with 3] STOP SIGN WITH STREET NAME



SKYWARD LANE ENTRANCE

H: 1" = 40'

V: 1" = 4'

| | |
|-----------|----------|
| Author: | 02/06 |
| Checker: | 02/06 |
| Designer: | 02/06 |
| Drawn: | 02/20/03 |

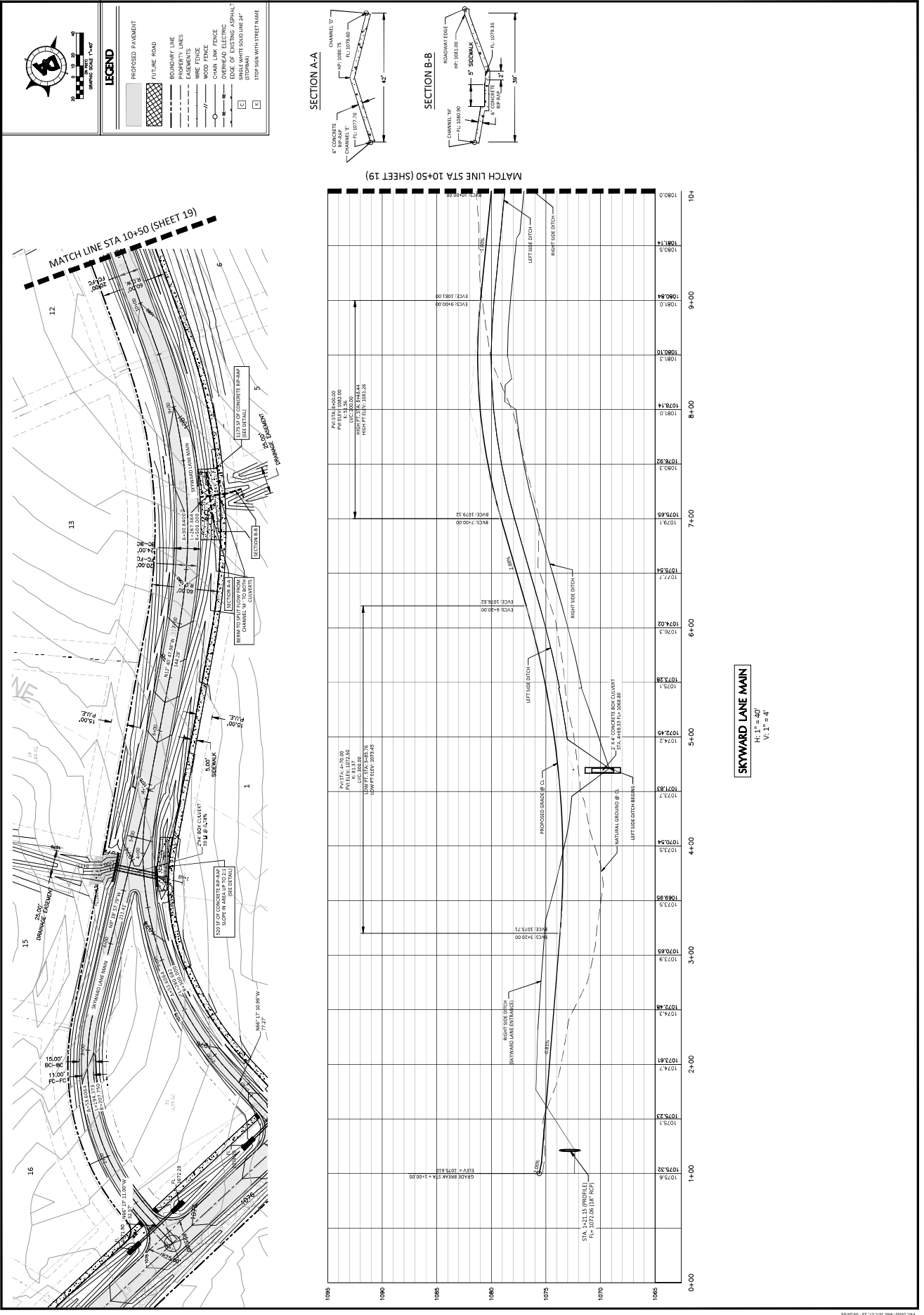


SILVER CREEK SUBDIVISION
DRIPPING SPRINGS OWNER, LLC.
HAYS COUNTY, TEXAS 78620

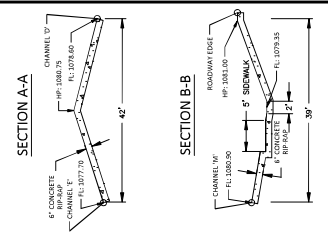
SKYWARD LANE PROFILE 2

CH2M HILL
Engineering // Environments // Geospatial

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1875 Farm Number 2032
www.doucet.com
Austin, TX 78735 Tel: (512) 883-2400
2401 B. Highway 21 W. 5th 140
1875 Farm Number 10105800



SKYWARD LANE MAIN
H: 1" = 40'
V: 1" = 4'



LEGEND

- PROPOSED PAVEMENT
- FUTURE ROAD
- BOUNDARY LINE
- ENCROACHMENTS
- WIRE FENCE
- WOOD FENCE
- CHAIN LINK FENCE
- EDGE OF EXISTING ASPHALT
- SMALL WHITE SOLID LINE 24\"/>

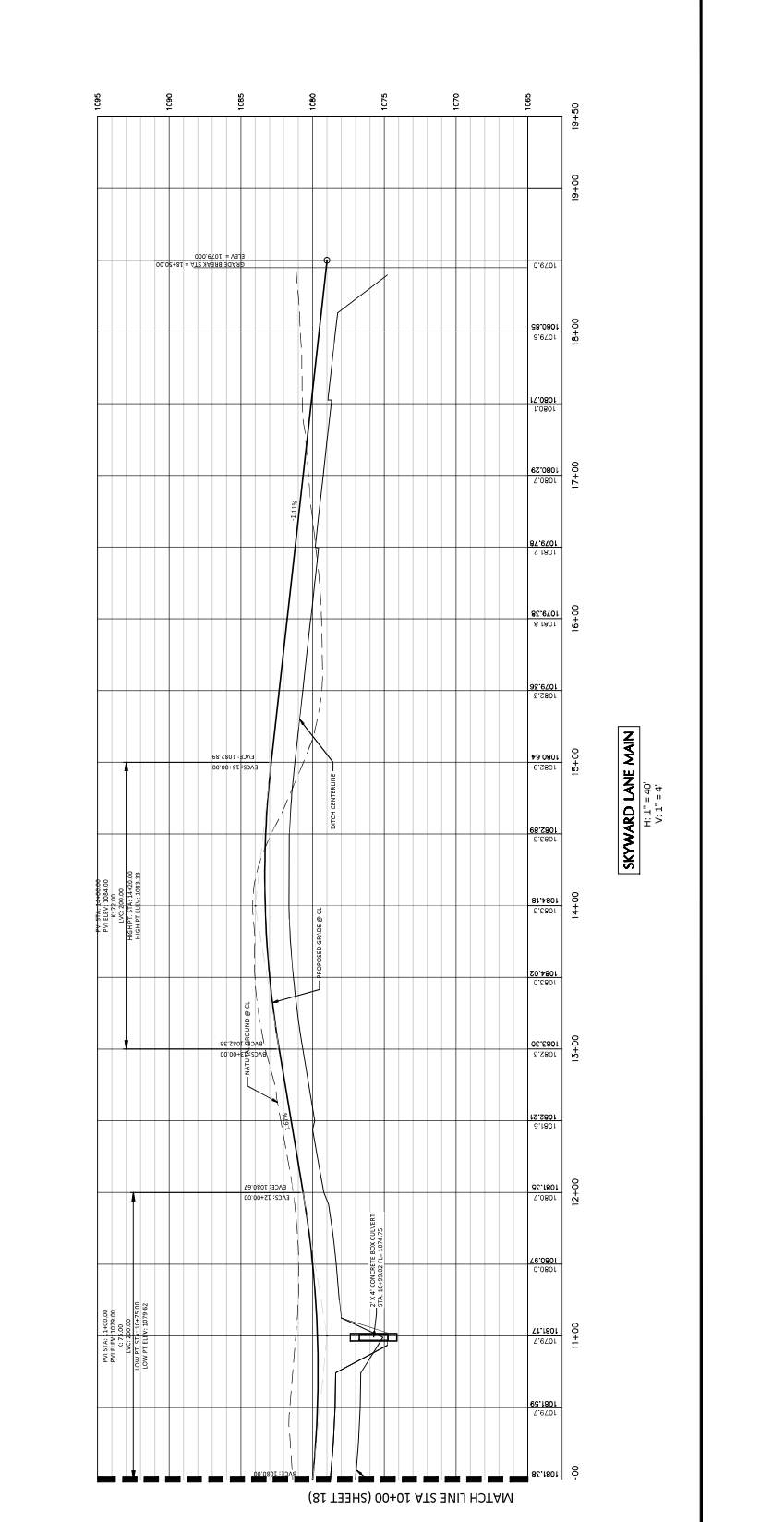
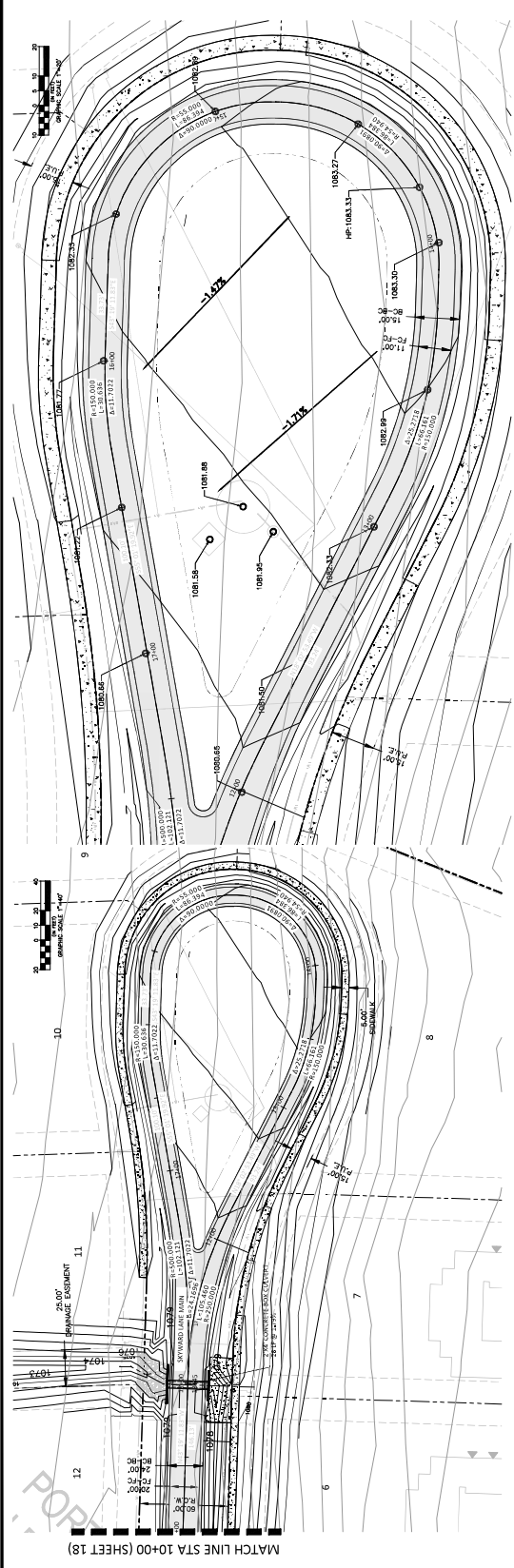
SECTION A-A
CHANNEL W/ 6\"/>



LEGEND

- PROPOSED PAVEMENT
- FUTURE ROAD
- BOUNDARY LINE
- PROPERTY LINES
- WIRE FENCE
- WOOD FENCE
- CHAIN LINK FENCE
- OVERHEAD ELECTRIC
- SINGLE WHITE SOLID LINE (24" STOPBAR)
- STOP SIGN WITH STREET NAME

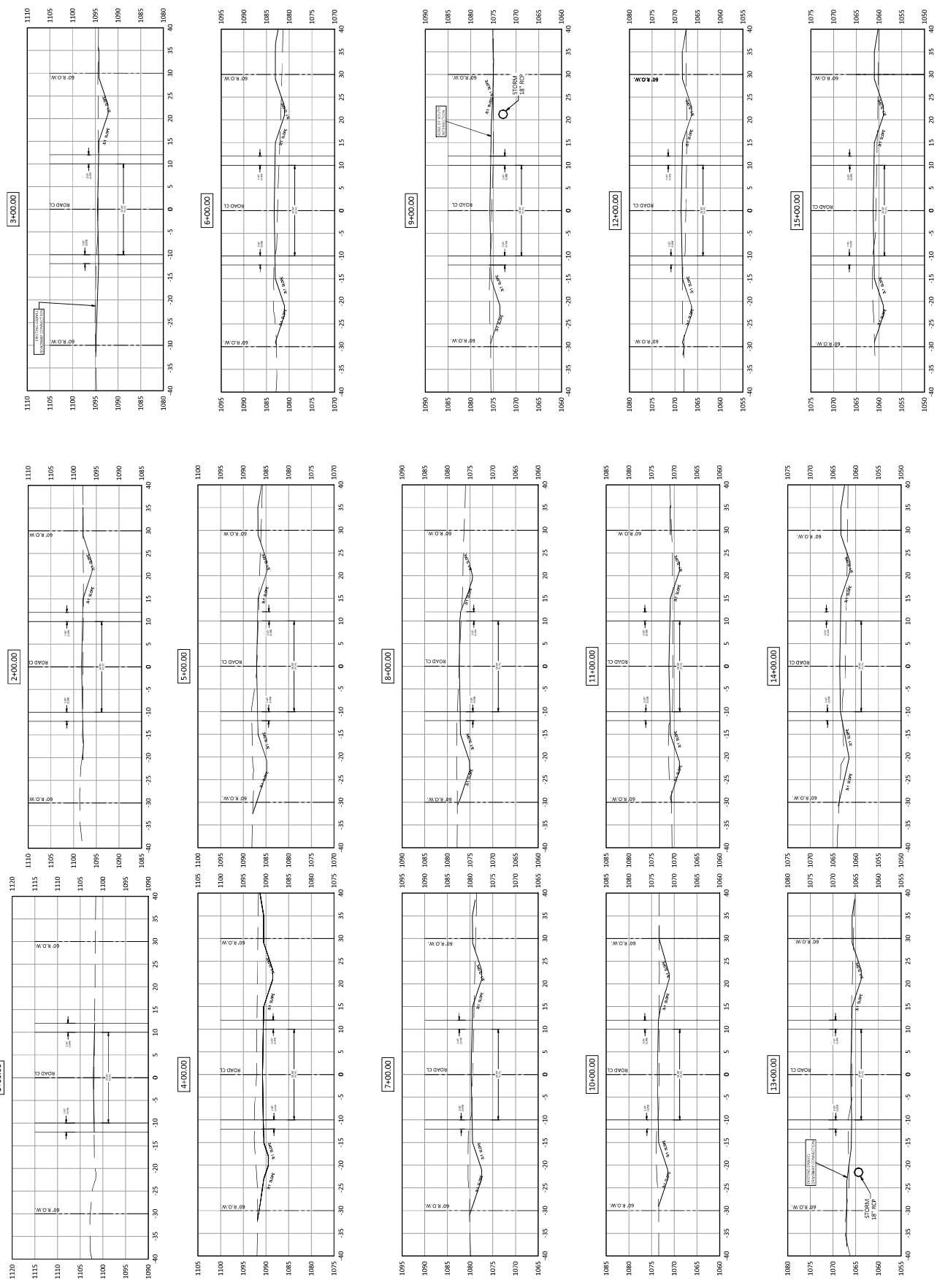
GRAPHIC SCALE 1"=40'



SKYWARD LANE MAIN
 H: 1" = 40'
 V: 1" = 4'

SILVER CREEK ROAD SECTIONS

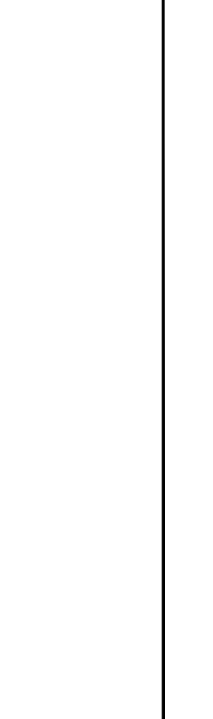
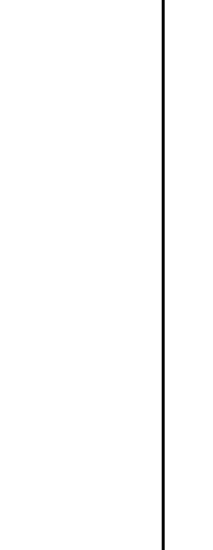
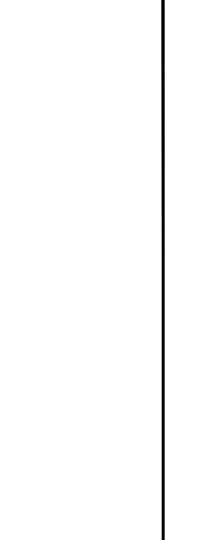
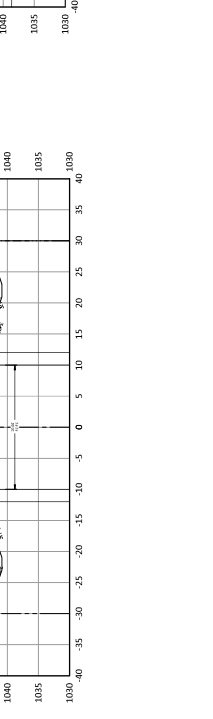
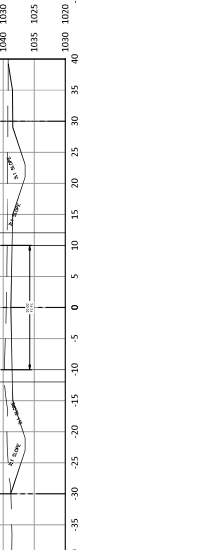
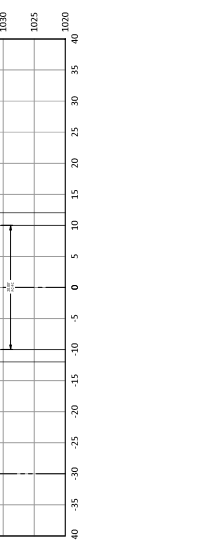
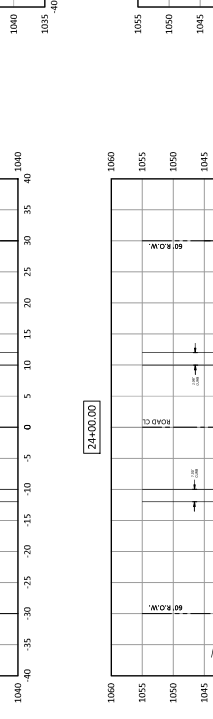
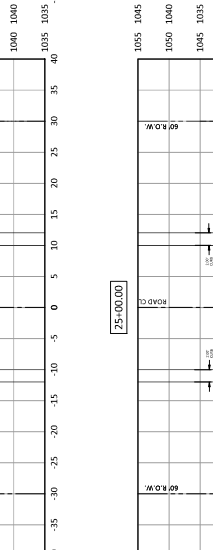
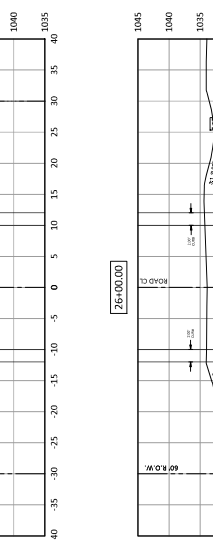
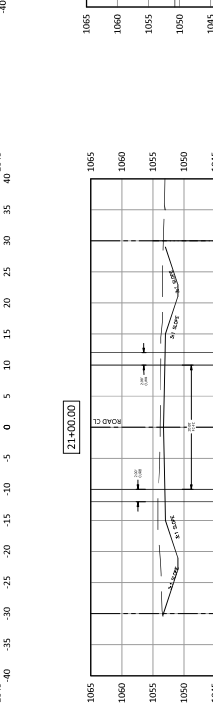
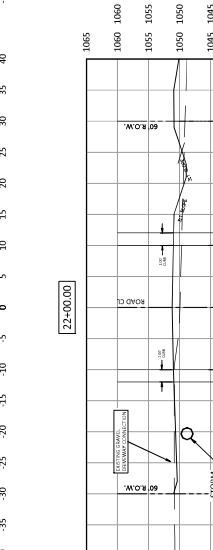
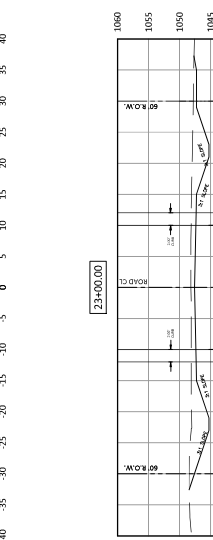
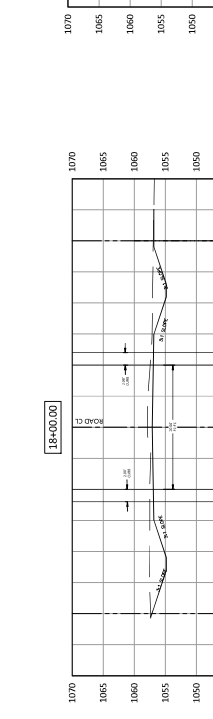
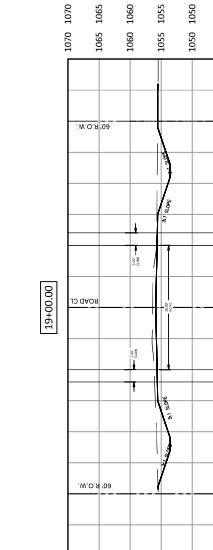
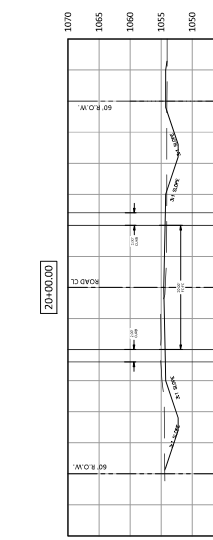
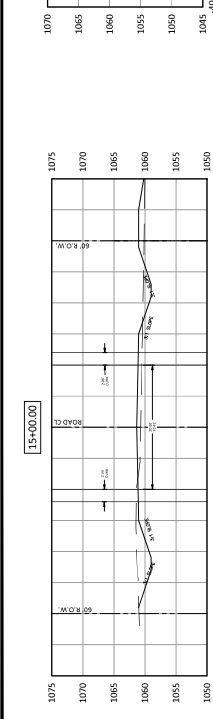
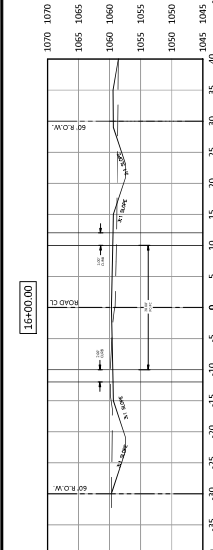
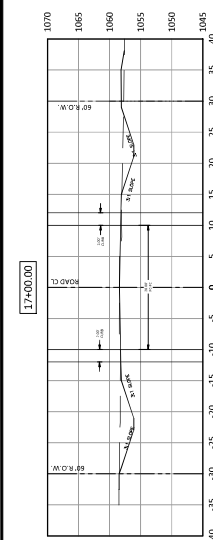
SILVER CREEK SUBDIVISION
 DRIPPING SPRINGS OWNER, LLC.
 HAYS COUNTY, TEXAS 78620





DATE PLOTTED: 02.07.20
 DATE PRINTED: 02.07.20
 SHEET: 21

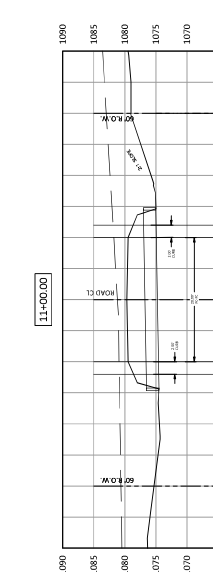
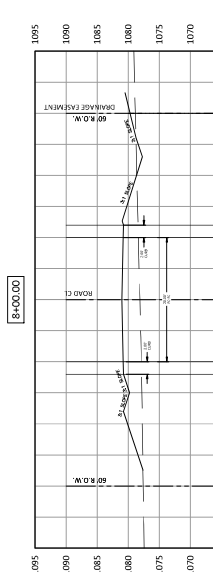
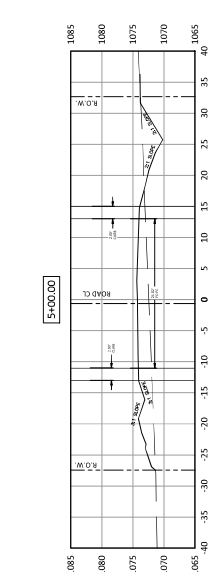
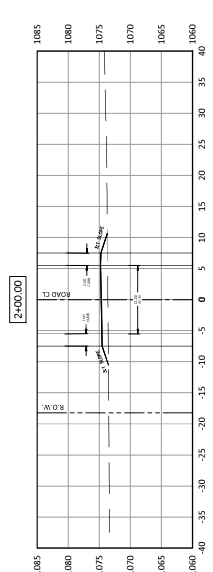
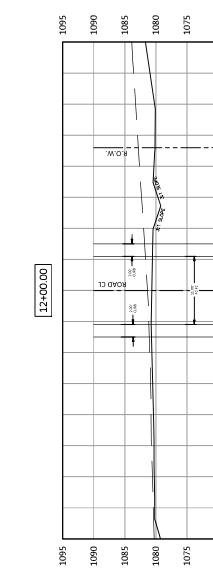
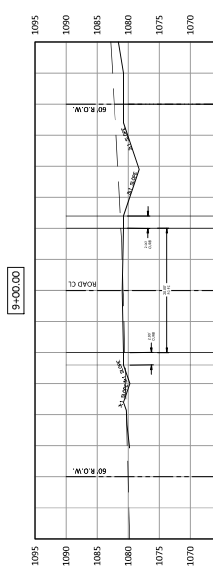
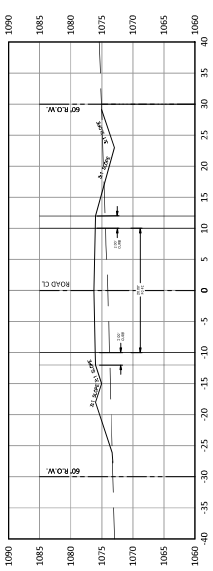
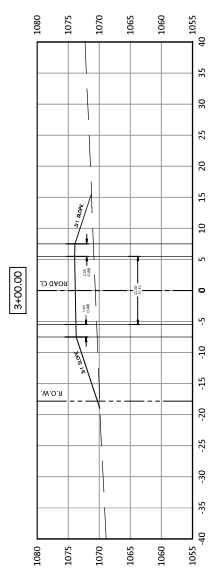
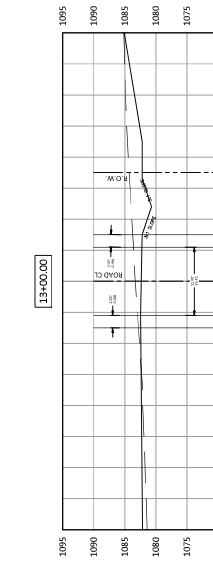
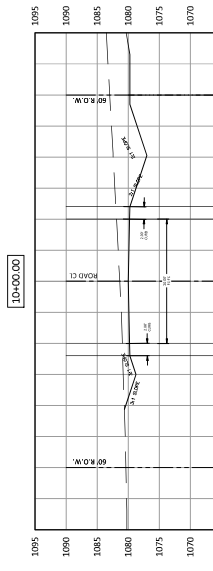
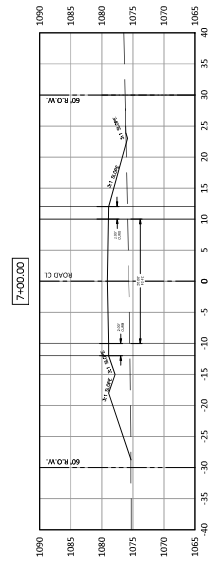
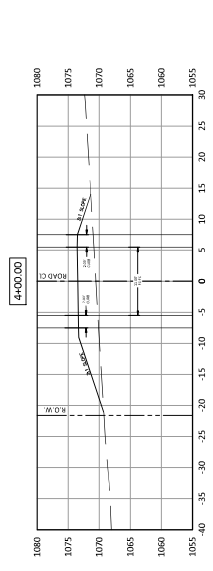
OF: 37
 PROJECT NO.: 2406.002

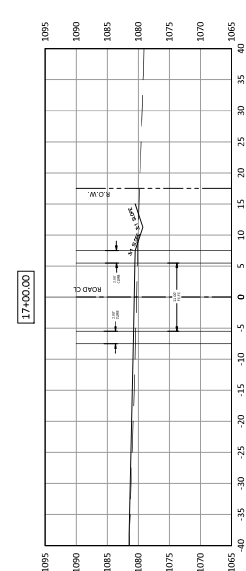
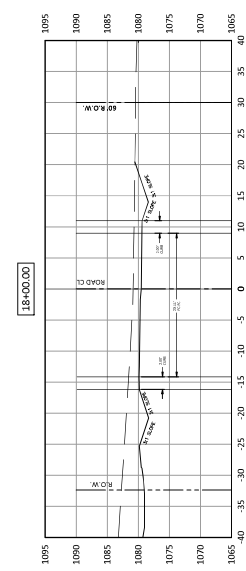
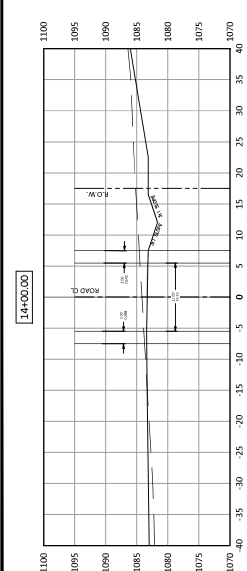
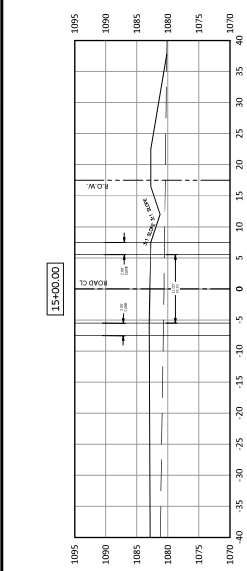
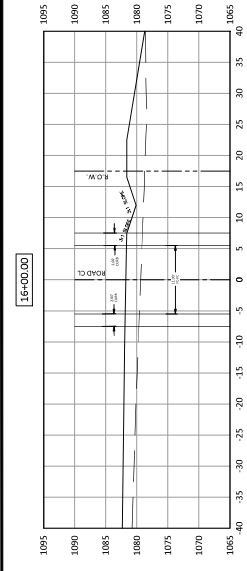


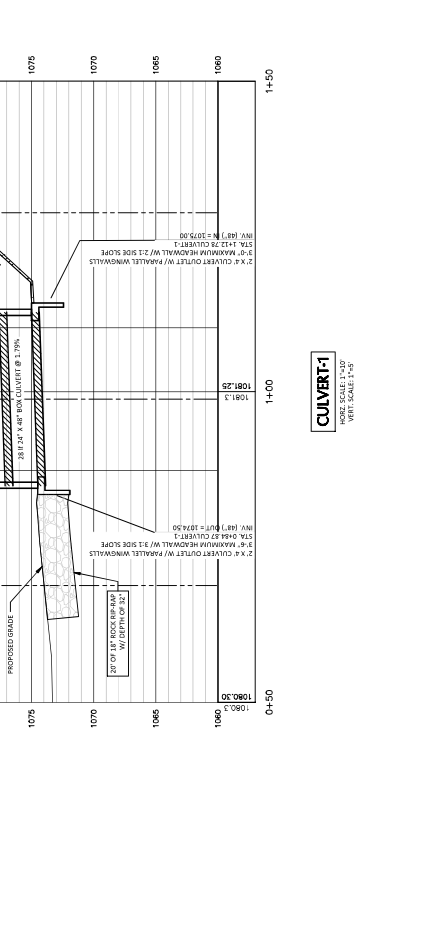
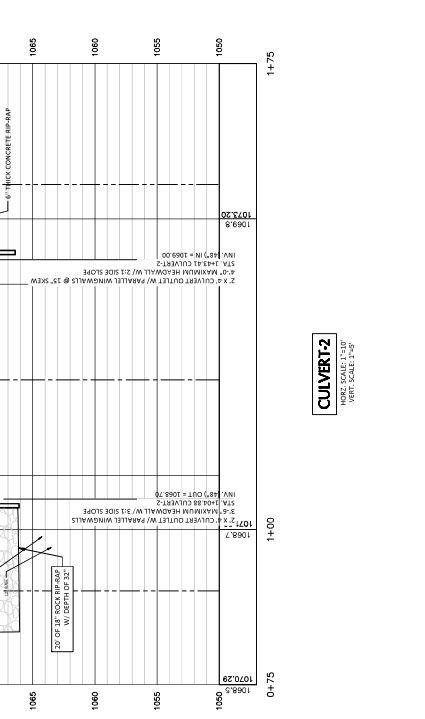
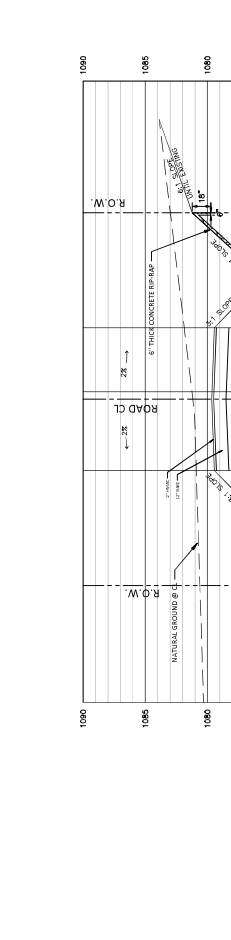
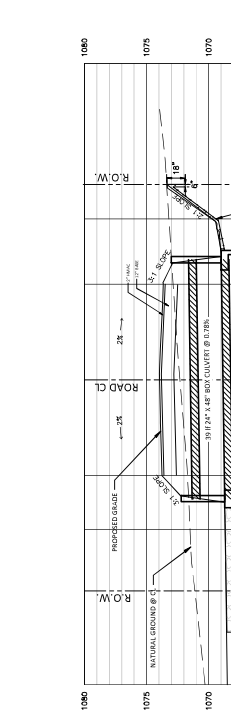
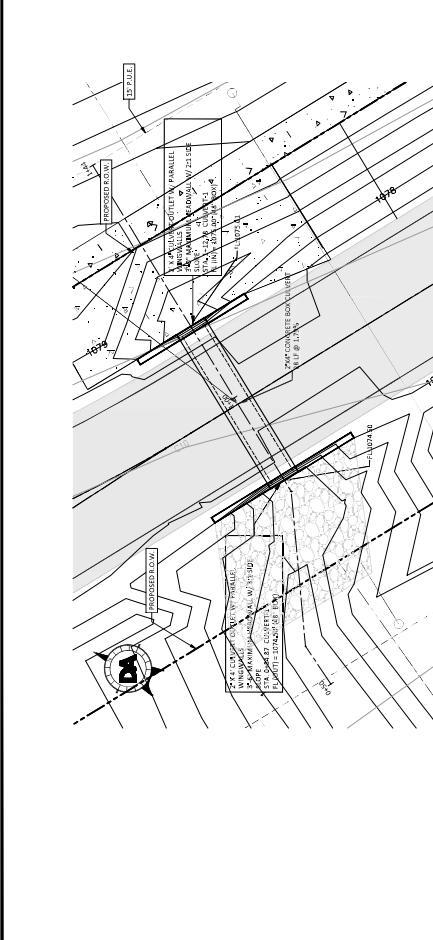
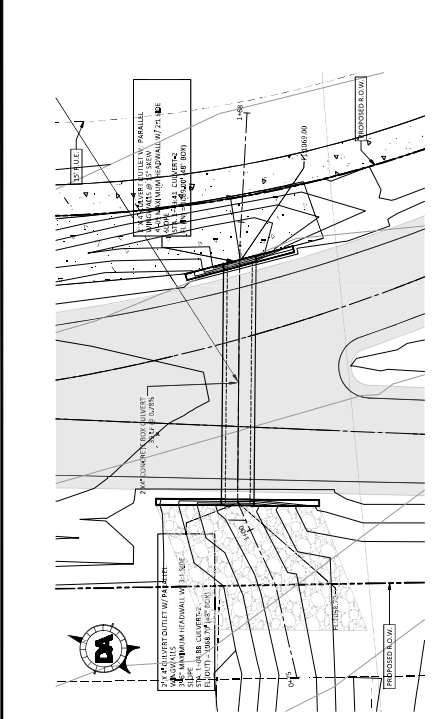
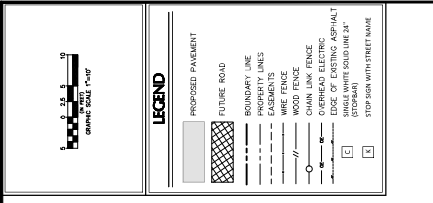


David C. Moore
 State of Texas
 License No. 122698
 Mechanical
 Exp. 08/25

SHEET
22
 OF 37
 Project No.: 2406.002







| Culvert | Station | Condition | Type | Invert | US (ft) | DS (ft) | Length (ft) | Slope (%) | Overlapping Elevation | 25-YEAR | | | 100-YEAR | | | |
|-----------|---------|-----------|-------------------|---------|---------|---------|-------------|-----------|-----------------------|---------|-----------|---------------|----------|---------|-----------|---------------|
| | | | | | | | | | | Q total | Q overtop | HGL Elevation | TW EL. | Q total | Q overtop | HGL Elevation |
| CULVERT 1 | 11+00 | Post | 4'X2' BOX CULVERT | 1075.00 | 1074.50 | 28.00 | 1.79 | 1079.66 | 46.78 | 0.00 | 1077.84 | 1075.68 | 70.27 | 0.00 | 1079.46 | 1076.50 |
| CULVERT 2 | 4+70 | Post | 4'X2' BOX CULVERT | 1069.00 | 1068.70 | 39.00 | 0.78 | 1074.0 | 68.69 | 0.00 | 1073.34 | 1070.70 | 103.26 | 81.17 | 1074.43 | 1070.70 |

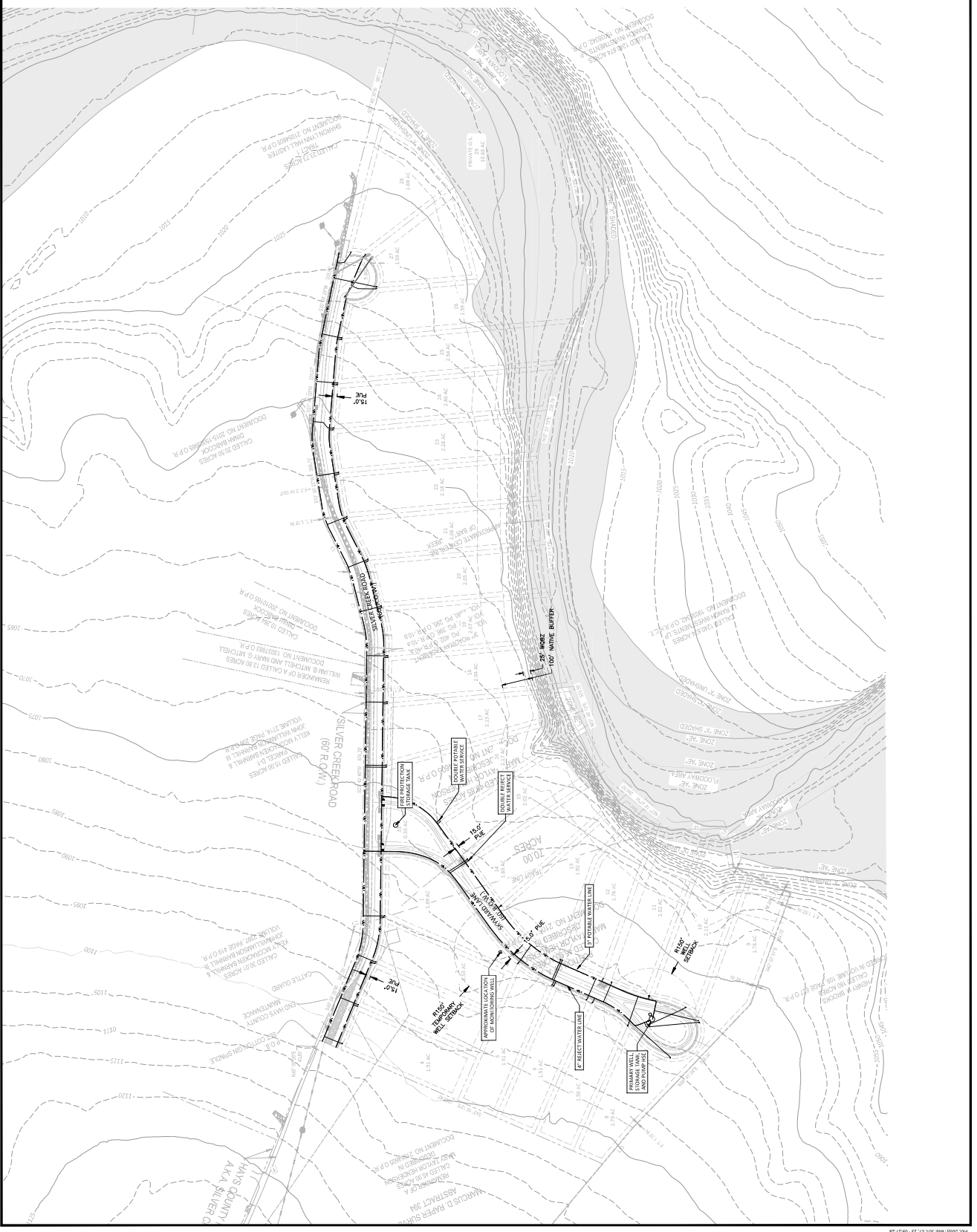
CULVERT-1
 HORIZ. SCALE 1"=40'
 VERT. SCALE 1"=4'

CULVERT-2
 HORIZ. SCALE 1"=40'
 VERT. SCALE 1"=4'



LEGEND

- PROPERTY BOUNDARY
- WATER DISTRIBUTION LINE
- SEWER COLLECTION LINE
- ABOVE-GROUND STORAGE TANK
- FLOODPLAIN (FEPA)





LEGEND

- DRAINAGE AREA
- POINT OF CONFLUENCE
- 100-YEAR FLOODPLAIN (FPM4)

TIME OF CONCENTRATION CALCULATIONS (BASED FROM COA DCM)

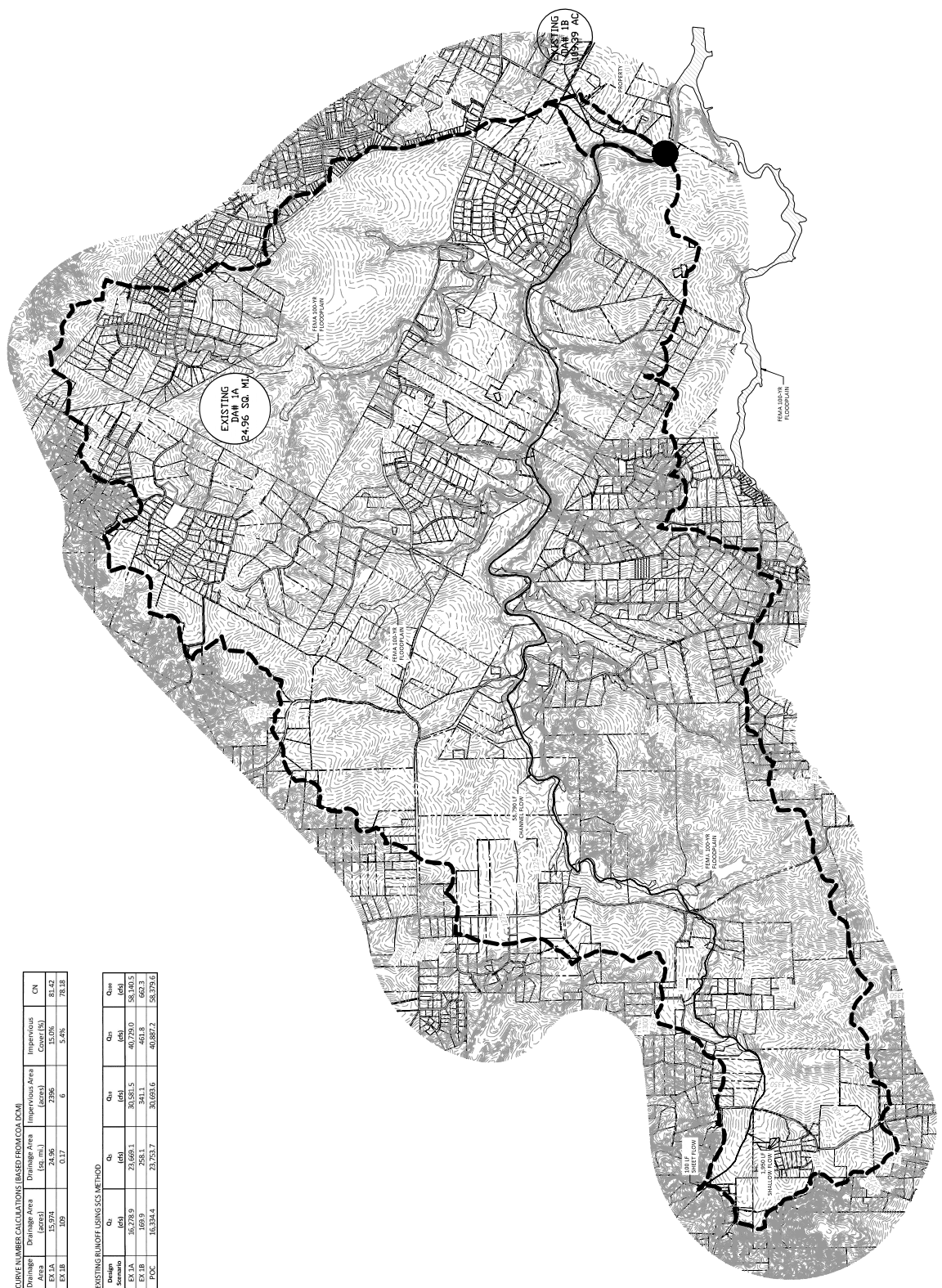
| Drainage Area (Acres) | Length (ft. mi.) | Sheet Flow | | | Shallow Concentrated Flow | | | Channel/Stem Drain Flow | | | Time of Concentration | | | |
|-----------------------|------------------|------------|--------|--------|---------------------------|--------|--------|-------------------------|------|--------|-------------------------|---------|--------|-------|
| | | n | dfElev | Length | Slope | Sub Tc | Length | Velocity | n | Slope | Area (ft ²) | Pv (ft) | Sub Tc | Time |
| EX-A | 15,974 | 0.15 | 2,917 | 2,850 | 0.002 | 0.05 | 58,790 | 16.60 | 0.03 | 558.25 | 27.72 | 14.59 | 75.59 | 47.78 |
| EX-B | 109 | 0.15 | 1 | 2,028 | 0.004 | 0.05 | 278 | 44.50 | 0.03 | 332.50 | 12.40 | 14.59 | 1.05 | 13.52 |

CURVE NUMBER CALCULATIONS (BASED FROM COA DCM)

| Drainage Area (Acres) | Impervious Area (Acres) | Impervious Area Cover (%) | CN | |
|-----------------------|-------------------------|---------------------------|-------|-------|
| EX-A | 24.96 | 2386 | 15.09 | 81.42 |
| EX-B | 0.17 | 6 | 5.46 | 78.18 |

EXISTING RUNOFF USING SCS METHOD

| Design Scenario | Q ₂ (cfs) | Q ₁ (cfs) | Q ₀ (cfs) | Q ₀ (cfs) | Q ₀ (cfs) |
|-----------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| EX-A | 16,778.9 | 73,689.1 | 30,591.5 | 40,729.0 | 58,140.5 |
| EX-B | 199.9 | 758.1 | 311.3 | 461.8 | 660.3 |
| TOT. | 16,978.8 | 74,447.2 | 30,902.8 | 41,190.8 | 58,800.8 |





LEGEND

- DRAINAGE AREA
- POINT OF CONFLUENCE
- 100-YEAR FLOODPLAIN (FPMF)

TIME OF CONCENTRATION CALCULATIONS (BASED FROM COA DCM)

| Drainage Area (acres) | Length (ft) | Sheet Flow | | Shallow Concentrated Flow | | | | Channel/Stream Drain-Flow | | | | Time of Lag | | |
|-----------------------|-------------|------------|---------------|---------------------------|-------------|--------|----------|---------------------------|--------|---------------|---------|-------------|--------------------|-------|
| | | n | Area (sq. ft) | Slope | Sub-Tc | Length | Velocity | n | Slope | Area (sq. ft) | Pw (ft) | Sub-Tc | Concentration Time | |
| EX.1A | 15,974 | 0.15 | 2,977 | 0.002 | 11.46 (min) | 2,950 | 15.00 | 0.03 | 58,790 | 35.00 | 0.07 | 458.25 | 191.77 | 22.54 |
| EX.1B | 189 | 0.13 | 297 | 0.002 | 11.46 (min) | 2,950 | 15.00 | 0.03 | 58,790 | 35.00 | 0.07 | 458.25 | 191.77 | 22.54 |

CURVE NUMBER CALCULATIONS (BASED FROM COA DCM)

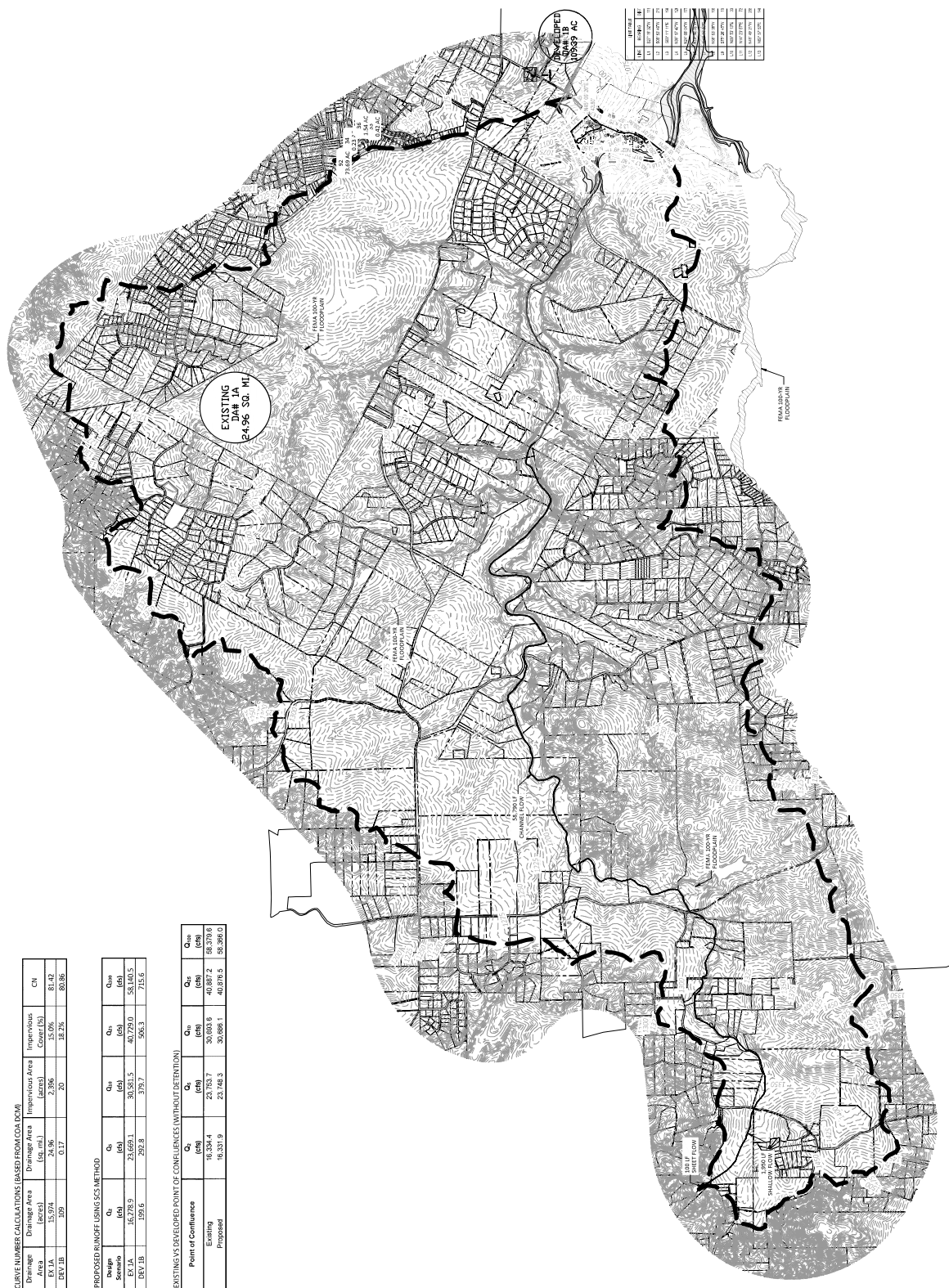
| Drainage Area (acres) | Impervious Area (acres) | CN |
|-----------------------|-------------------------|-------|
| EX.1A | 2,386 | 35.0% |
| EX.1B | 20 | 82.8% |

PROPOSED RUNOFF USING SCS METHOD

| Design Scenario | Q ₁ (cfs) | Q ₂ (cfs) | Q ₃ (cfs) | Q ₄ (cfs) | Q ₅ (cfs) |
|-----------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| EX.1A | 16,334.4 | 23,755.7 | 30,008.9 | 40,887.2 | 58,379.0 |
| EX.1B | 16,331.9 | 23,748.3 | 30,006.1 | 40,876.5 | 58,380.0 |

EXISTING'S DEVELOPED POINT OF CONFLUENCES (WITHOUT DETENTION)

| Point of Confluence | Q ₁ (cfs) | Q ₂ (cfs) | Q ₃ (cfs) | Q ₄ (cfs) | Q ₅ (cfs) |
|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Existing | 16,334.4 | 23,755.7 | 30,008.9 | 40,887.2 | 58,379.0 |
| Proposed | 16,331.9 | 23,748.3 | 30,006.1 | 40,876.5 | 58,380.0 |



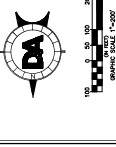
| Lot No. | Area (sq. ft) |
|---------|---------------|
| 1 | 10,890 |
| 2 | 10,890 |
| 3 | 10,890 |
| 4 | 10,890 |
| 5 | 10,890 |
| 6 | 10,890 |
| 7 | 10,890 |
| 8 | 10,890 |
| 9 | 10,890 |
| 10 | 10,890 |
| 11 | 10,890 |
| 12 | 10,890 |
| 13 | 10,890 |
| 14 | 10,890 |
| 15 | 10,890 |
| 16 | 10,890 |
| 17 | 10,890 |
| 18 | 10,890 |
| 19 | 10,890 |
| 20 | 10,890 |
| 21 | 10,890 |
| 22 | 10,890 |
| 23 | 10,890 |
| 24 | 10,890 |
| 25 | 10,890 |
| 26 | 10,890 |
| 27 | 10,890 |
| 28 | 10,890 |
| 29 | 10,890 |
| 30 | 10,890 |
| 31 | 10,890 |
| 32 | 10,890 |
| 33 | 10,890 |
| 34 | 10,890 |
| 35 | 10,890 |
| 36 | 10,890 |
| 37 | 10,890 |
| 38 | 10,890 |
| 39 | 10,890 |
| 40 | 10,890 |
| 41 | 10,890 |
| 42 | 10,890 |
| 43 | 10,890 |
| 44 | 10,890 |
| 45 | 10,890 |
| 46 | 10,890 |
| 47 | 10,890 |
| 48 | 10,890 |
| 49 | 10,890 |
| 50 | 10,890 |
| 51 | 10,890 |
| 52 | 10,890 |
| 53 | 10,890 |
| 54 | 10,890 |
| 55 | 10,890 |
| 56 | 10,890 |
| 57 | 10,890 |
| 58 | 10,890 |
| 59 | 10,890 |
| 60 | 10,890 |
| 61 | 10,890 |
| 62 | 10,890 |
| 63 | 10,890 |
| 64 | 10,890 |
| 65 | 10,890 |
| 66 | 10,890 |
| 67 | 10,890 |
| 68 | 10,890 |
| 69 | 10,890 |
| 70 | 10,890 |
| 71 | 10,890 |
| 72 | 10,890 |
| 73 | 10,890 |
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| 76 | 10,890 |
| 77 | 10,890 |
| 78 | 10,890 |
| 79 | 10,890 |
| 80 | 10,890 |
| 81 | 10,890 |
| 82 | 10,890 |
| 83 | 10,890 |
| 84 | 10,890 |
| 85 | 10,890 |
| 86 | 10,890 |
| 87 | 10,890 |
| 88 | 10,890 |
| 89 | 10,890 |
| 90 | 10,890 |
| 91 | 10,890 |
| 92 | 10,890 |
| 93 | 10,890 |
| 94 | 10,890 |
| 95 | 10,890 |
| 96 | 10,890 |
| 97 | 10,890 |
| 98 | 10,890 |
| 99 | 10,890 |
| 100 | 10,890 |

WATER QUALITY SUMMARY TABLE

| DRAINAGE ZONE #1 | PROPOSED BMP | PROVIDED TSS LOAD REMOVAL | |
|------------------------|--------------|---------------------------|---------------------------|
| | | REQUIRED TSS LOAD REMOVAL | PROVIDED TSS LOAD REMOVAL |
| GRASSY SWALE | | 2,091 LB | 1,365 LB |
| GRASSY SWALE | | 934 LB | 874 LB |
| GRASSY SWALE | | 1,373 LB | 1,351 LB |
| VEGETATED FILTER STRIP | | 9,075 LB | 10,425 LB |
| TOTAL DRAINAGE AREA | | 13,473 LB | 14,515 LB |

| Storm Event | COA | | |
|----------------|----------------------------------|----------|---------|
| | Grass (ft ²), Slopes | Concrete | Asphalt |
| C ₁ | 0.38 | 0.75 | 0.73 |
| C ₂ | 0.42 | 0.88 | 0.86 |
| C ₃ | 0.49 | 0.97 | 0.95 |
| C ₄ | | | |
| C ₅ | | | |

| Drainage Basin | "C" VALUES CALCULATED USING THE RATIONAL METHOD | | | | |
|----------------|---|---------|---------|---------|----------|
| | Average | 10-year | 25-year | 50-year | 100-year |
| A1 | 11.62 | 0.41 | 0.47 | 0.51 | 0.59 |
| A2 | 24.25 | 0.41 | 0.47 | 0.51 | 0.58 |
| B1 | 19.42 | 0.35 | 0.40 | 0.44 | 0.51 |
| B2 | 33.92 | 0.35 | 0.40 | 0.44 | 0.51 |
| C1 | 51.89 | 0.36 | 0.41 | 0.45 | 0.52 |



| Drainage Basin | Area (sq ft) | | Sheet Flow | | Shallow Concentrated Flow | | | | Channel Flow | | | | Total Allowed | | |
|----------------|--------------|-------|-------------|-------------------|---------------------------|------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|
| | Area | n | Length (ft) | Velocity (ft/min) | Length (ft) | n | Velocity (ft/min) | Length (ft) | Velocity (ft/min) | Length (ft) | Velocity (ft/min) | Length (ft) | Velocity (ft/min) | Length (ft) | Velocity (ft/min) |
| A1 | 11,620 | 0.150 | 1,900 | 11.37 | 0.024 | 0.05 | 12.67 | 0 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 1,900 | 11.37 |
| A2 | 24,250 | 0.150 | 3,600 | 11.37 | 0.051 | 0.05 | 9.30 | 937 | 5.22 | 0.03 | 0.03 | 2.99 | 23.75 | 3,600 | 11.37 |
| B1 | 19,420 | 0.150 | 3,250 | 11.37 | 0.035 | 0.05 | 8.01 | 2,429 | 6.34 | 0.03 | 0.03 | 6.39 | 25.76 | 3,250 | 11.37 |
| B2 | 33,920 | 0.150 | 5,600 | 11.37 | 0.046 | 0.05 | 6.27 | | | | | | | 5,600 | 11.37 |
| C1 | 51,890 | 0.150 | 13,307 | 11.37 | 0.046 | 0.05 | 6.27 | | | | | | | 13,307 | 11.37 |

| Drainage Basin | Area (sq ft) | | I.C. | | Comp. | | TOTAL | | I ₁₀₀ (in/hr) | I ₂₄ (in/hr) | Q ₁₀₀ (cfs) | Q ₂₄ (cfs) |
|----------------|--------------|-------|-----------------|-----------------|-----------------|-----------------|------------------------|-----------------------|--------------------------|-------------------------|------------------------|-----------------------|
| | Area | n | C ₁₀ | C ₁₅ | C ₂₀ | C ₂₅ | Q ₁₀₀ (cfs) | Q ₂₄ (cfs) | | | | |
| A1 | 11,620 | 0.150 | 0.38 | 0.42 | 0.49 | 0.52 | 27.67 | 8.10 | 117.16 | 117.16 | 117.16 | 117.16 |
| A2 | 24,250 | 0.150 | 0.38 | 0.42 | 0.49 | 0.52 | 31.23 | 8.10 | 117.16 | 117.16 | 117.16 | 117.16 |
| B1 | 19,420 | 0.150 | 0.38 | 0.42 | 0.49 | 0.52 | 28.21 | 8.10 | 117.16 | 117.16 | 117.16 | 117.16 |
| B2 | 33,920 | 0.150 | 0.38 | 0.42 | 0.49 | 0.52 | 34.76 | 8.10 | 117.16 | 117.16 | 117.16 | 117.16 |
| C1 | 51,890 | 0.150 | 0.38 | 0.42 | 0.49 | 0.52 | 37.59 | 8.10 | 117.16 | 117.16 | 117.16 | 117.16 |

| Return Period | Flood Elevation for DCI Elevation 1.5 | |
|---------------|---------------------------------------|----------|
| | 1-year | 500-year |
| 10-year | 87.54 | 9.379 |
| 25-year | 87.54 | 8.500 |
| 50-year | 87.54 | 7.747 |
| 100-year | 87.54 | 7.241 |
| 200-year | 87.54 | 6.826 |
| 500-year | 87.54 | 6.584 |
| 1000-year | 87.54 | 6.502 |

PROPOSED DRAINAGE AREA MAP

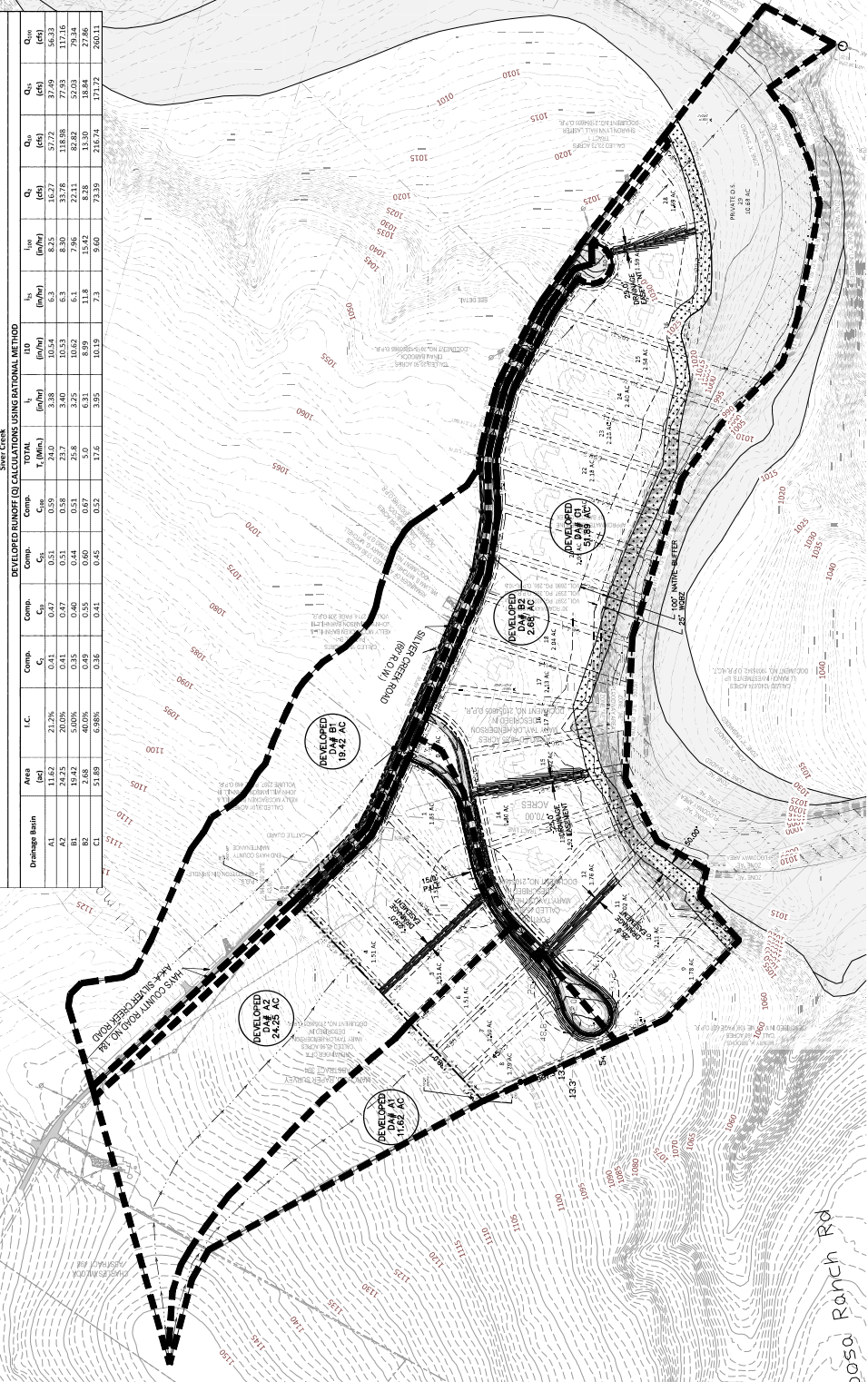
CH2 Hillier // Engineers // Geospatial

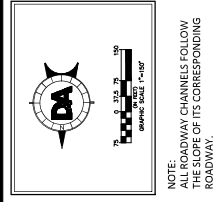
400 N. Highway 21 W, Ste. 140
Arlin, TX 77325 Tel: (817) 683-2000
www.ch2hillier.com
1875 Farm Number 2932
18735 Farm Number 10105800

SILVER CREEK SUBDIVISION
DRIPPING SPRINGS OWNER, LLC.
HAYS COUNTY, TEXAS 78620

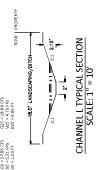
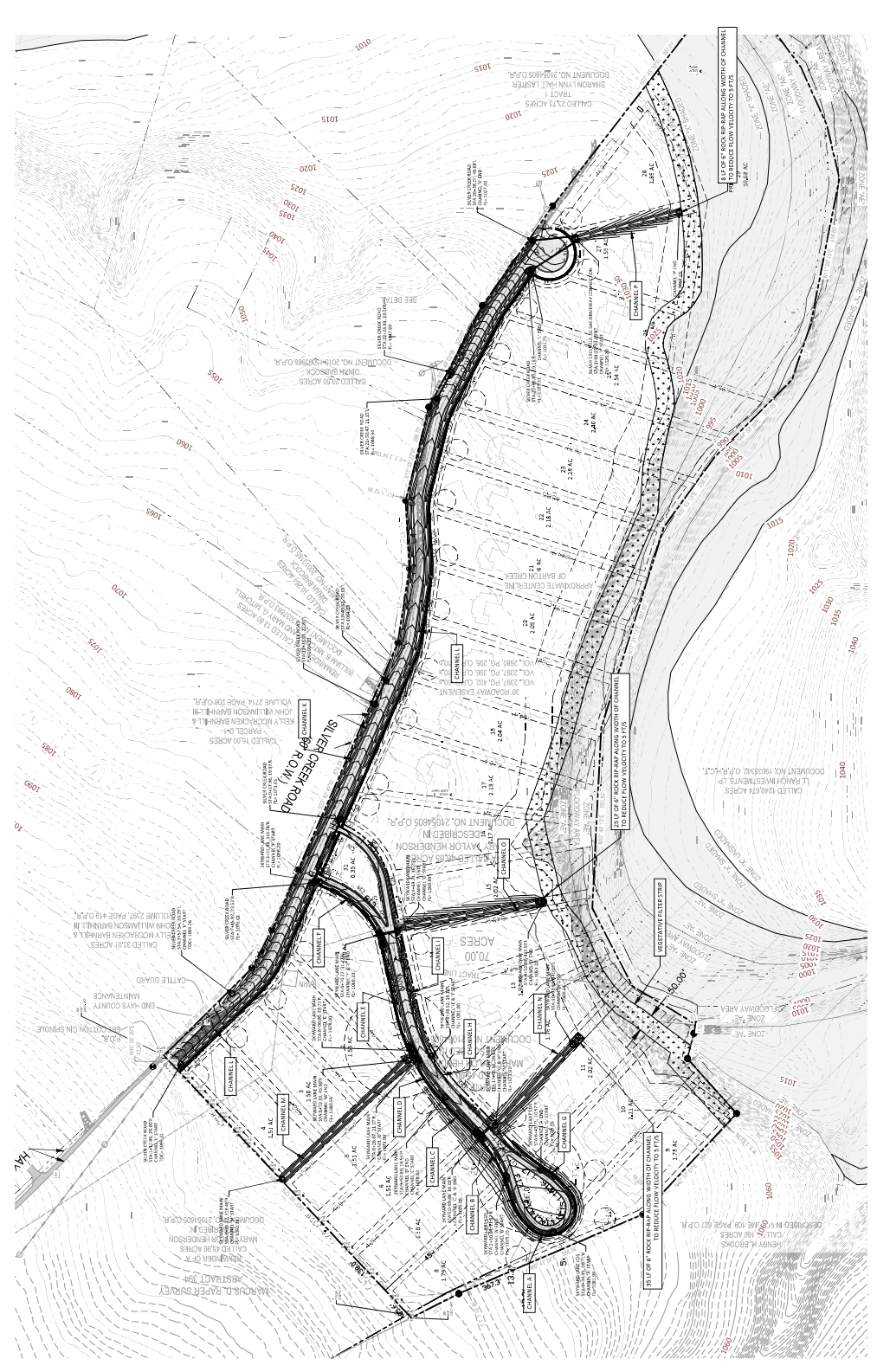
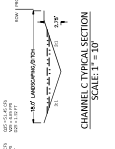
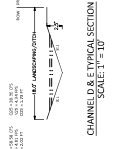
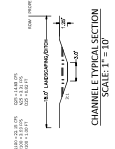
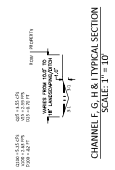


PROJECT NO. 2406.002
SHEET 28 OF 37





NOTE:
ALL ROADWAY CHANNELS FOLLOW
THE SLOPE OF ITS CORRESPONDING
ROADWAY.



NOTE:
ROCK RIP-RAP FOR CHANNEL OUTFALLS SIZED
IN ACCORDANCE WITH SECTION 3.2.5 OF THE
LCRA WQ MANAGEMENT TECHNICAL MANUAL.



1. Standard of Care (See Part 2 for the Standard of Care)
This project was completed under the Standard of Care for TSS Removal Sheet 1.

| Station | Vertical Curve | Height | Depth | Design |
|---------|----------------|--------|-------|--------|
| 1+00.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+05.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+10.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+15.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+20.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+25.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+30.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+35.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+40.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+45.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+50.00 | 100.00 | 2.00 | 1.00 | 1:1 |

The information contained on this sheet was prepared by the Engineer and is intended to be used for the purpose stated on the drawings. It is the user's responsibility to verify the accuracy of the information provided on this sheet. The Engineer assumes no liability for any errors or omissions on this sheet.

Final / 4/13/2023

Approved: _____
Professional Engineer

12/26/2006

1. Standard of Care (See Part 2 for the Standard of Care)
This project was completed under the Standard of Care for TSS Removal Sheet 1.

2. Standard of Care (See Part 2 for the Standard of Care)
This project was completed under the Standard of Care for TSS Removal Sheet 1.

3. Standard of Care (See Part 2 for the Standard of Care)
This project was completed under the Standard of Care for TSS Removal Sheet 1.

4. Standard of Care (See Part 2 for the Standard of Care)
This project was completed under the Standard of Care for TSS Removal Sheet 1.

5. Standard of Care (See Part 2 for the Standard of Care)
This project was completed under the Standard of Care for TSS Removal Sheet 1.

1. Standard of Care (See Part 2 for the Standard of Care)
This project was completed under the Standard of Care for TSS Removal Sheet 1.

| Station | Vertical Curve | Height | Depth | Design |
|---------|----------------|--------|-------|--------|
| 1+00.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+05.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+10.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+15.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+20.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+25.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+30.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+35.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+40.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+45.00 | 100.00 | 2.00 | 1.00 | 1:1 |
| 1+50.00 | 100.00 | 2.00 | 1.00 | 1:1 |

The information contained on this sheet was prepared by the Engineer and is intended to be used for the purpose stated on the drawings. It is the user's responsibility to verify the accuracy of the information provided on this sheet. The Engineer assumes no liability for any errors or omissions on this sheet.

Final / 4/13/2023

Approved: _____
Professional Engineer

12/26/2006

1. Standard of Care (See Part 2 for the Standard of Care)
This project was completed under the Standard of Care for TSS Removal Sheet 1.

2. Standard of Care (See Part 2 for the Standard of Care)
This project was completed under the Standard of Care for TSS Removal Sheet 1.

3. Standard of Care (See Part 2 for the Standard of Care)
This project was completed under the Standard of Care for TSS Removal Sheet 1.

4. Standard of Care (See Part 2 for the Standard of Care)
This project was completed under the Standard of Care for TSS Removal Sheet 1.

5. Standard of Care (See Part 2 for the Standard of Care)
This project was completed under the Standard of Care for TSS Removal Sheet 1.



1. Calculate the Volume of Stormwater to be Treated (V_{TSS})

Stormwater Volume (V_{SW}) = 100,000 gal
 TSS Removal Efficiency (E_{TSS}) = 90%
 Volume of Stormwater to be Treated (V_{TSS}) = V_{SW} × (1 - E_{TSS}) = 100,000 gal × (1 - 0.90) = 10,000 gal

2. Calculate the Volume of Stormwater to be Treated (V_{TSS})

Stormwater Volume (V_{SW}) = 100,000 gal
 TSS Removal Efficiency (E_{TSS}) = 90%
 Volume of Stormwater to be Treated (V_{TSS}) = V_{SW} × (1 - E_{TSS}) = 100,000 gal × (1 - 0.90) = 10,000 gal

3. Calculate the Volume of Stormwater to be Treated (V_{TSS})

Stormwater Volume (V_{SW}) = 100,000 gal
 TSS Removal Efficiency (E_{TSS}) = 90%
 Volume of Stormwater to be Treated (V_{TSS}) = V_{SW} × (1 - E_{TSS}) = 100,000 gal × (1 - 0.90) = 10,000 gal

4. Calculate the Volume of Stormwater to be Treated (V_{TSS})

Stormwater Volume (V_{SW}) = 100,000 gal
 TSS Removal Efficiency (E_{TSS}) = 90%
 Volume of Stormwater to be Treated (V_{TSS}) = V_{SW} × (1 - E_{TSS}) = 100,000 gal × (1 - 0.90) = 10,000 gal

5. Calculate the Volume of Stormwater to be Treated (V_{TSS})

Stormwater Volume (V_{SW}) = 100,000 gal
 TSS Removal Efficiency (E_{TSS}) = 90%
 Volume of Stormwater to be Treated (V_{TSS}) = V_{SW} × (1 - E_{TSS}) = 100,000 gal × (1 - 0.90) = 10,000 gal

6. Calculate the Volume of Stormwater to be Treated (V_{TSS})

Stormwater Volume (V_{SW}) = 100,000 gal
 TSS Removal Efficiency (E_{TSS}) = 90%
 Volume of Stormwater to be Treated (V_{TSS}) = V_{SW} × (1 - E_{TSS}) = 100,000 gal × (1 - 0.90) = 10,000 gal

7. Calculate the Volume of Stormwater to be Treated (V_{TSS})

Stormwater Volume (V_{SW}) = 100,000 gal
 TSS Removal Efficiency (E_{TSS}) = 90%
 Volume of Stormwater to be Treated (V_{TSS}) = V_{SW} × (1 - E_{TSS}) = 100,000 gal × (1 - 0.90) = 10,000 gal

8. Calculate the Volume of Stormwater to be Treated (V_{TSS})

Stormwater Volume (V_{SW}) = 100,000 gal
 TSS Removal Efficiency (E_{TSS}) = 90%
 Volume of Stormwater to be Treated (V_{TSS}) = V_{SW} × (1 - E_{TSS}) = 100,000 gal × (1 - 0.90) = 10,000 gal

9. Calculate the Volume of Stormwater to be Treated (V_{TSS})

Stormwater Volume (V_{SW}) = 100,000 gal
 TSS Removal Efficiency (E_{TSS}) = 90%
 Volume of Stormwater to be Treated (V_{TSS}) = V_{SW} × (1 - E_{TSS}) = 100,000 gal × (1 - 0.90) = 10,000 gal

10. Calculate the Volume of Stormwater to be Treated (V_{TSS})

Stormwater Volume (V_{SW}) = 100,000 gal
 TSS Removal Efficiency (E_{TSS}) = 90%
 Volume of Stormwater to be Treated (V_{TSS}) = V_{SW} × (1 - E_{TSS}) = 100,000 gal × (1 - 0.90) = 10,000 gal

11. Calculate the Volume of Stormwater to be Treated (V_{TSS})

Stormwater Volume (V_{SW}) = 100,000 gal
 TSS Removal Efficiency (E_{TSS}) = 90%
 Volume of Stormwater to be Treated (V_{TSS}) = V_{SW} × (1 - E_{TSS}) = 100,000 gal × (1 - 0.90) = 10,000 gal

12. Calculate the Volume of Stormwater to be Treated (V_{TSS})

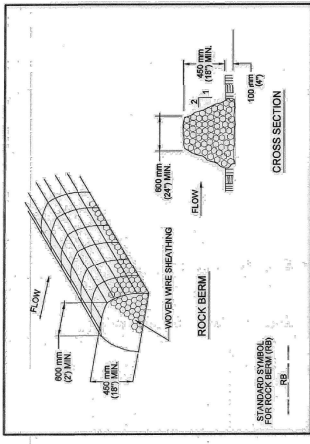
Stormwater Volume (V_{SW}) = 100,000 gal
 TSS Removal Efficiency (E_{TSS}) = 90%
 Volume of Stormwater to be Treated (V_{TSS}) = V_{SW} × (1 - E_{TSS}) = 100,000 gal × (1 - 0.90) = 10,000 gal

13. Calculate the Volume of Stormwater to be Treated (V_{TSS})

Stormwater Volume (V_{SW}) = 100,000 gal
 TSS Removal Efficiency (E_{TSS}) = 90%
 Volume of Stormwater to be Treated (V_{TSS}) = V_{SW} × (1 - E_{TSS}) = 100,000 gal × (1 - 0.90) = 10,000 gal



| | |
|------------------------|------------------------|
| DATE PLOTTED: 05-19-23 | SHEET: 32 |
| DATE: 05-19-23 | OF: 37 |
| DATE: 02-22-23 | PROJECT NO.: 2408-2022 |

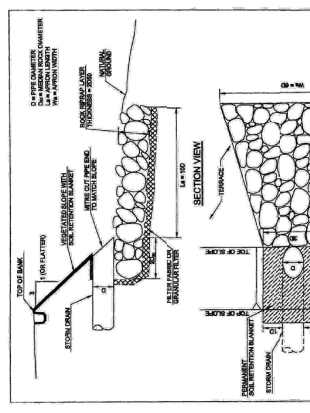


NOTE:

1. THE ROCK BERM SHALL BE SECURED WITH A WOVEN WIRE SHEATHING HAVING MAXIMUM 25mm (1\"/>

CITY OF AUSTIN
 WATER RESOURCES DEPARTMENT
 05/20/23
 ADAPTED

| | |
|---|--------|
| PROJECT NUMBER | 639S-1 |
| ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. | |

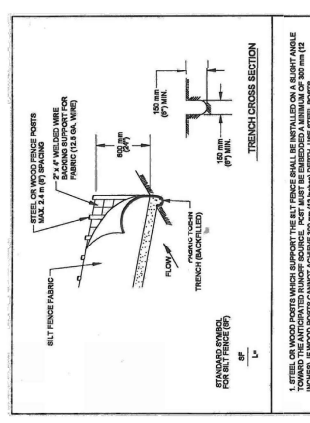


NOTE:

1. ROCK BERM SHALL BE MADE OF GRANULAR MATERIAL AND GRAINED PER REQUIREMENTS SPECIFIED IN STANDARD SPECIFICATIONS.
2. ROCK SIZE SHALL BE 10-150mm (3/8\"/>

CITY OF AUSTIN
 WATER RESOURCES DEPARTMENT
 04/18/23
 ADAPTED

| | |
|---|---------|
| PROJECT NUMBER | 508S-17 |
| ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. | |

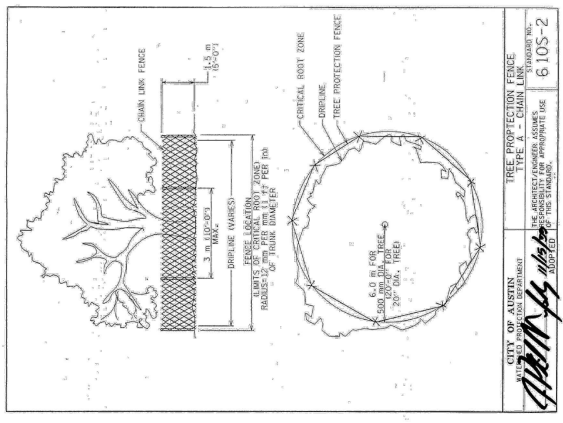


NOTE:

1. STEEL OR WOOD FENCE WHICH SUPPORTS THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED DRAINAGE SOURCE. FOOT MATS WILL BE SUBMITTED AT MINIMUM OF 100 mm (4\"/>

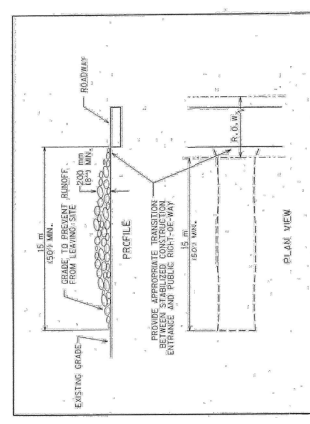
CITY OF AUSTIN
 WATER RESOURCES DEPARTMENT
 04/18/23
 ADAPTED

| | |
|---|--------|
| PROJECT NUMBER | 642S-1 |
| ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. | |



CITY OF AUSTIN
 WATER RESOURCES DEPARTMENT
 04/18/23
 ADAPTED

| | |
|---|--------|
| PROJECT NUMBER | 610S-2 |
| ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. | |

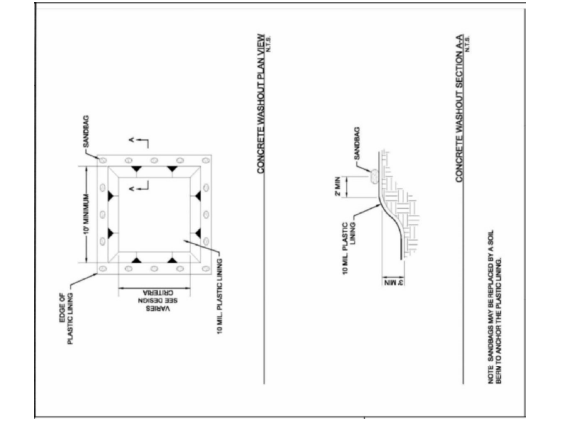


NOTE:

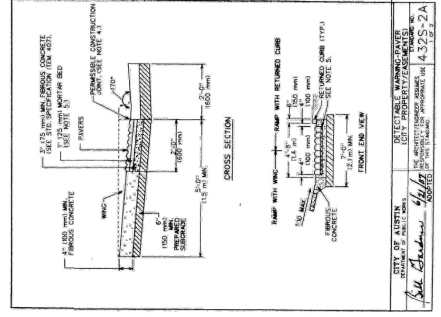
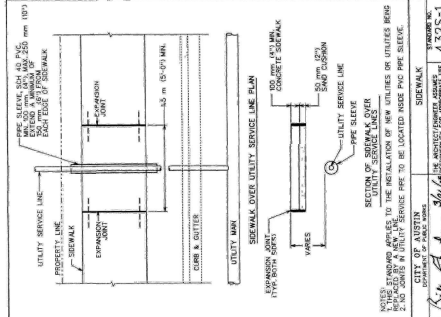
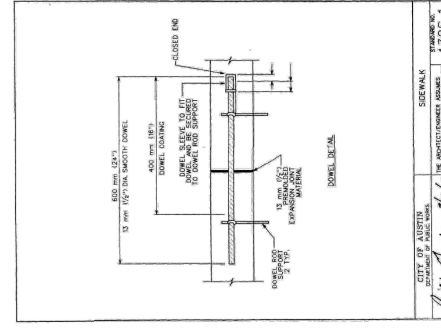
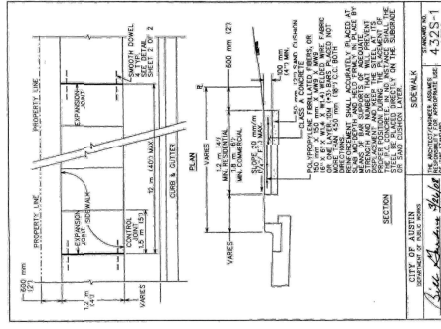
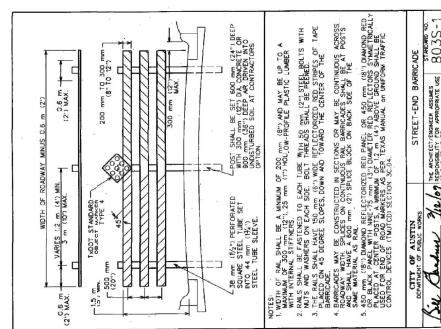
1. STONE SIZE: 75-125 mm (3-5\"/>

CITY OF AUSTIN
 WATER RESOURCES DEPARTMENT
 04/18/23
 ADAPTED

| | |
|---|--------|
| PROJECT NUMBER | 641S-1 |
| ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. | |

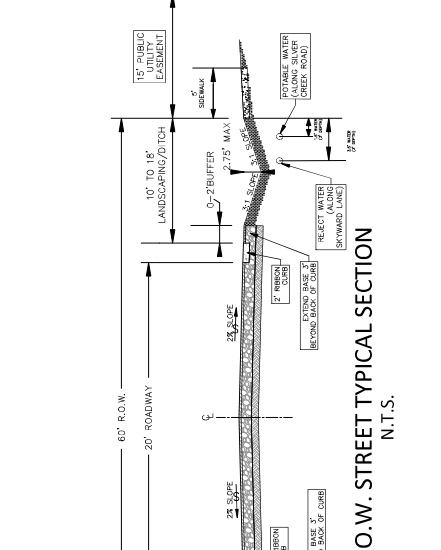
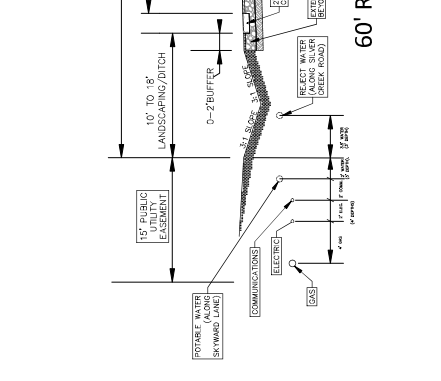
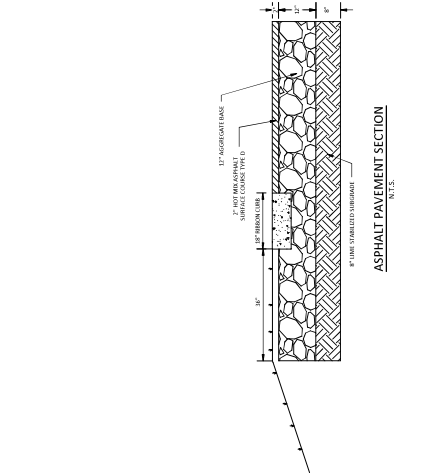


NOTE: SWALES MAY BE REPLACED BY A SOIL BERM TO ANCHOR THE PLASTIC LINING.



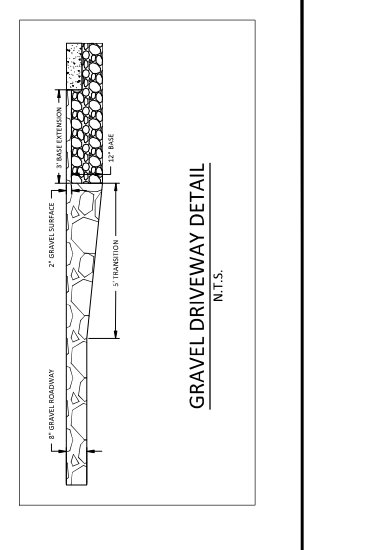
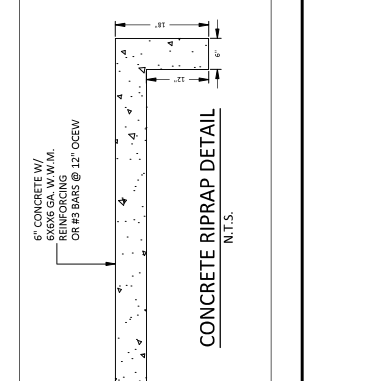
GENERAL NOTES:

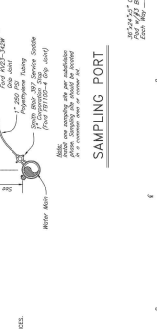
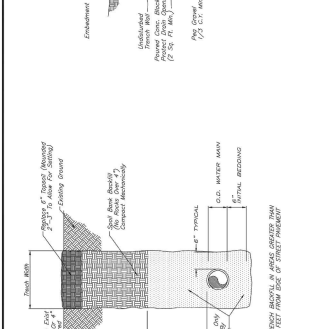
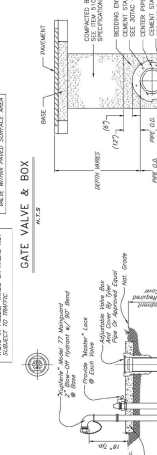
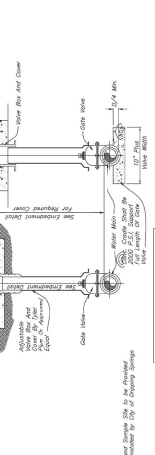
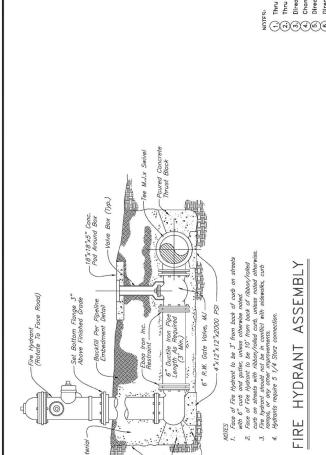
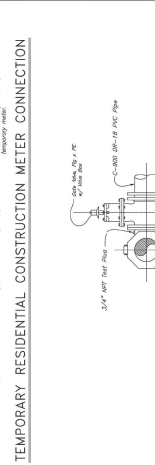
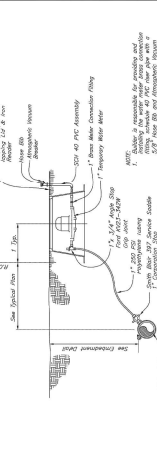
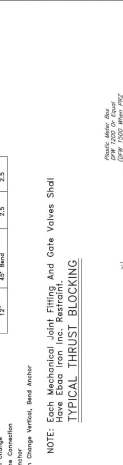
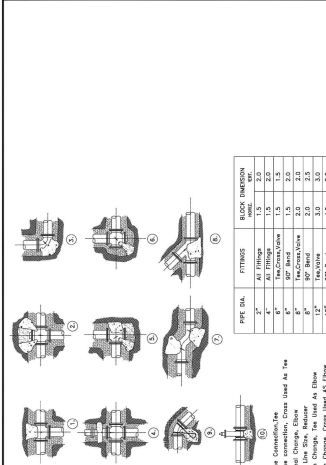
1. ALL STREET PAVEMENT SHALL UTILIZE HOT MIX ASPHALT CONCRETE IN CITY PROPERTY AND EXTERMINAL AREAS ONLY.
2. ALL STREET BASE MATERIAL SHALL UTILIZE TYPICAL TYPICAL SPECIFICATIONS, ITEM 247, TYPE A, FOR GRADES 1 & 2, AND HAVE A MINIMUM OF 4 INCHES OF GRANULAR FILL PLACED UNDER THE BASE COURSE.
3. ALL LOCAL AND MAJOR ARTERIAL ROADWAYS, THE BASE COURSE SHOULD BE MOISTURE CONDITIONED WITHIN 42 PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT PLACED IN LIFTS NOT EXCEEDING 8-INCHES THICKNESS, MEASURED AND COMPACTED TO AT LEAST 100 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY TEST METHOD TMOOT-113-E.
4. THE STRIPPING AND REMOVAL OPERATIONS SHOULD EXTEND TO AT LEAST 2 FEET BEYOND THE EDGE OF THE PROPOSED PAVEMENT TO A DEPTH OF MINIMUM 8 INCHES. THE SOILS SHOULD BE MOISTURE CONDITIONED TO BETWEEN OPTIMUM AND 2 PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT JUST PRIOR TO COMPACTION.
5. GEOTECHNICAL PAIVING RECOMMENDATIONS REPORT 422116 TERRADINE ENGINEERING, INC. DATED MAR. 3, 2023.



NOTES:

1. ALL STREET PAVEMENT SHALL UTILIZE HOT MIX ASPHALT CONCRETE, TYPE D, TYPICAL ITEM 340.
2. ALL STREET BASE MATERIAL SHALL UTILIZE TYPICAL TYPICAL SPECIFICATIONS, ITEM 247, TYPE A, FOR GRADES 1 & 2, AND HAVE A MINIMUM OF 4 INCHES OF GRANULAR FILL PLACED UNDER THE BASE COURSE.
3. ALL LOCAL AND MAJOR ARTERIAL ROADWAYS, THE BASE COURSE SHOULD BE MOISTURE CONDITIONED WITHIN 42 PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT PLACED IN LIFTS NOT EXCEEDING 8-INCHES THICKNESS, MEASURED AND COMPACTED TO AT LEAST 100 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY TEST METHOD TMOOT-113-E.
4. THE STRIPPING AND REMOVAL OPERATIONS SHOULD EXTEND TO AT LEAST 2 FEET BEYOND THE EDGE OF THE PROPOSED PAVEMENT TO A DEPTH OF MINIMUM 8 INCHES. THE SOILS SHOULD BE MOISTURE CONDITIONED TO BETWEEN OPTIMUM AND 2 PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT JUST PRIOR TO COMPACTION.
5. GEOTECHNICAL PAIVING RECOMMENDATIONS REPORT 422116 TERRADINE ENGINEERING, INC. DATED MAR. 3, 2023.





CITY OF DRIPPING SPRINGS WATER/WASTEWATER DETAILS
 JUNE 2022

NOTE: Each Mechanical Joint Fitting And Gate Valves Shall Be Thrust Blocked.

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DRAINAGE DETAILS 1

SILVER CREEK SUBDIVISION
 DRIPPING SPRINGS OWNER, LLC.
 HAYS COUNTY, TEXAS 78620



PROJECT NO.: 2408-2022
 SHEET: 36
 OF 37

TABLE OF DIMENSIONS AND REINFORCING STEEL

| SPANNING DIMENSIONS | HEIGHT | REBAR 1 | REBAR 2 | REBAR 3 | REBAR 4 | REBAR 5 | REBAR 6 | REBAR 7 | REBAR 8 | REBAR 9 | REBAR 10 | REBAR 11 | REBAR 12 | REBAR 13 | REBAR 14 | REBAR 15 | REBAR 16 | REBAR 17 | REBAR 18 | REBAR 19 | REBAR 20 | |
|---------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----|
| 10'-0" | 3'-0" | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 |
| 12'-0" | 3'-0" | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 |

SECTION C.C. - PW1

SECTION C.C. - PW2

SECTION C.C. - PW3

SECTION C.C. - PW4

SECTION C.C. - PW5

SECTION C.C. - PW6

SECTION C.C. - PW7

SECTION C.C. - PW8

SECTION C.C. - PW9

SECTION C.C. - PW10

SECTION C.C. - PW11

SECTION C.C. - PW12

SECTION C.C. - PW13

SECTION C.C. - PW14

SECTION C.C. - PW15

SECTION C.C. - PW16

SECTION C.C. - PW17

SECTION C.C. - PW18

SECTION C.C. - PW19

SECTION C.C. - PW20

PLAN OF SKEWED SUBDIVISION

SIDE ELEVATION OF SKEWED SUBDIVISION

SECTION A.A. - SKewed BOX CULVERTS

SECTION A.B. - NON-SKEWED BOX CULVERTS

SECTION A.C. - PIPE RUNNER DETAILS

SECTION A.D. - BOTTOM ANCHOR PIPE DETAILS

SECTION A.E. - SUBSIDE AND CONNECTIONS DETAILS

SECTION A.F. - PIPE RUNNER DETAILS

SECTION A.G. - BOTTOM ANCHOR PIPE DETAILS

SECTION A.H. - SKewed BOX CULVERTS

SECTION A.I. - NON-SKEWED BOX CULVERTS

SECTION A.J. - PIPE RUNNER DETAILS

SECTION A.K. - BOTTOM ANCHOR PIPE DETAILS

TABLE OF DIMENSIONS AND REINFORCING STEEL

| SPANNING DIMENSIONS | HEIGHT | REBAR 1 | REBAR 2 | REBAR 3 | REBAR 4 | REBAR 5 | REBAR 6 | REBAR 7 | REBAR 8 | REBAR 9 | REBAR 10 | REBAR 11 | REBAR 12 | REBAR 13 | REBAR 14 | REBAR 15 | REBAR 16 | REBAR 17 | REBAR 18 | REBAR 19 | REBAR 20 |
|---------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 10'-0" | 3'-0" | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 | #4 |

SECTION A.A. - SINGLE BOX CULVERTS

SECTION A.B. - PRECAST 4'-0" SPAN SCP-4

SECTION A.C. - CORNER OPTION 'A'

SECTION A.D. - CORNER OPTION 'B'

SECTION A.E. - CORNER OPTION 'C'

CROSS PIPE LENGTHS AND PIPE RUNNER LENGTHS

| PIPE SIZE | LENGTH | QUANTITY | TOTAL LENGTH | UNITS |
|-----------------|--------|----------|--------------|-------------|
| 12" x 12" x 12" | 100' | 2 | 200' | LINEAL FEET |
| 18" x 18" x 12" | 100' | 1 | 100' | LINEAL FEET |

ESTIMATED CONCRETE RIPRAP QUANTITIES (CY)

| CONCRETE | QUANTITY | UNITS |
|----------|----------|-------|
| Formwork | 100 | sq ft |
| Rebar | 100 | lb |

SECTION A.F. - ISOMETRIC VIEW OF TYPICAL INSTALLATION

TCEQ APPROVAL LETTER

DATED TBD