



TURTLE CREEK SEWER LINE RELOCATION

Solicitation Number: CO-00167

Job No.: 18-4518

ADDENDUM 1

March 28, 2018

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

RESPONSES TO QUESTIONS

1. When will job start/be awarded?

The job is anticipated to be awarded at the May board meeting and construction will start in late May.

2. Can we get an excel version of the bid tab?

Yes, the Excel version is attached to this document.

3. Any contaminated soil/liquids?

There are no known contaminated soils or liquids.

4. Who is responsible for material testing?

Per General Conditions 5.3, the Contractor is responsible for performing Quality Control inspection and testing services to assure Project compliance with Contract Documents. Sampling and testing of materials, laboratory inspection of materials and processes for quality control purposes shall be performed at the expense of the Contractor or Supplier by an independent commercial laboratory approved by the SAWS COI.

5. Is a project schedule available?

A project schedule is not available, but per the bid proposal, the project is to be completed within 75 calendar days after the start date, as set forth in the Authorization to Proceed.

6. Is a geotechnical report available? If so, can it please be provided?

A geotechnical report was not prepared, therefore is not available.

7. Please provide the PG in reference to the asphalt binder and asphalt aggregate of item 205.4.

PG 64-22 Local Street without bus traffic is to be provided.

8. Are there any Right of Way permits needed for this job?

No ROW permits are needed.

9. Can manholes A1 and A10 be dog house manholes?

No, these manholes cannot be used as doghouse manholes.

10. In reference to page 7 of the project plans, it states to “remove and replace wooden fence... NSPI”. Can SAWS provide limits for this non-pay item or provide a quantity?

The length of fencing to be removed and replaced needs to be limited to the width of the sanitary sewer easement (16 feet). If removal of more than 16 feet of fence is needed, Contractor will have to coordinate with adjacent landowner(s).

11. Throughout the provided plans, there is a note above “100% submittal” which states, “This document is released for the purpose of preliminary review” and “It is not to be used for construction or bidding purposes”. Can we be provided a final construction/bid set?

Sign and Seal plans are attached to this addendum.

12. Throughout the provided plans, it shows that the manholes within the pavement area are to receive flowable fill as backfill. Are the manholes outside of the pavement area (A1, A7, A8, A9, & A10) to receive the same flowable fill backfill?

All manholes are to be backfilled with flowable fill.

13. In reference to page 3 of the project plans, can you please add an “as of date” clause to the specifications identified in notes 1 & 2 to indicate which version of the specifications apply?

Latest published version of specifications is to be used (2014 Construction Specifications with 2017/2018 updates), as available on SAWS website.

14. In reference to page 3 of the project plans, note 20 states that manholes to be abandoned are NSPI; however, there is a pay item listed on page 2. Can the NSPI wording in this note be removed?

Note 20 refers to ring and cover to be salvage, “NSPI” has been removed from note on attached plans. Abandonment of manholes shall be in accordance with SAWS Spec Item 862.

15. Spec 852 (manholes) states contractor will get paid by each. Will the payment occur at installation or after final testing and approval?

Manholes will be paid for after final testing and approval.

CHANGES TO SPECIFICATIONS

1. Wage decision for buildings, included as an attachment to this addendum are to be added to the Bidding Documents.

CHANGES TO THE PLANS

1. Sign and Seal plans, attached.
2. Removed “NSPI” from note 20.

END OF ADDENDUM

This Addendum, including these two (2) pages, is twenty-seven (27) pages with attachments in its entirety.
Attachments: Sign and Seal Plans, Wage decision for Buildings



Ernest T. Maestas
Maestas and Associates, LLC



INDEX OF SHEETS

| SHEET No. | DESCRIPTION |
|-----------|---|
| 1 | COVER SHEET |
| 2 | SHEET INDEX & QUANTITY SUMMARY |
| 3 - 4 | GENERAL NOTES |
| 5 | SANITARY SEWER PROJECT LAYOUT |
| 6 | SANITARY SEWER ABANDONMENT, SWPPP, AND UTILITY LAYOUT |
| 7 - 10 | SANITARY SEWER PLAN & PROFILE |
| 11 - 14 | SANITARY SEWER DETAILS |
| 15 - 16 | TREE PRESERVATION PLAN |
| 17 | TREE PRESERVATION DETAILS |
| 18 | TREE PRESERVATION GENERAL NOTES |

SUMMARY OF QUANTITIES

| Item No. | Description | Units | Quantity | Abandonment/ SWPPP Sheet | Sanitary Sewer Plan & Profile Sheets | | | |
|----------|--|-------|----------|-----------------------------|--------------------------------------|-----|-----|-----|
| | | | | 6 | 7 | 8 | 9 | 10 |
| 100.1 | Mobilization (10%) | LS | 1 | | | | | |
| 101.1 | Preparing Right-of-way (5%) | LS | 1 | | | | | |
| 103.3 | Remove Concrete Sidewalk/Driveway (<1,000SF) | SF | 605 | | | | 605 | |
| 200 | Site Security (using SAWS-approved Securitas Security Service) | LS | 1 | | | | | |
| 203.1 | Tack Coat | Gal | 28 | | 4 | 19 | 5 | |
| 205.4 | Hot Mix Asphaltic Pavement , Type D (2" Comp. Depth) (<5,000 SY) | SY | 278 | | 44 | 193 | 41 | |
| 206 | Asphalt Treated Base | SY | 219 | | 35 | 152 | 32 | |
| 503.2 | Portland Cement Concrete Driveway-Commercial | SY | 68 | | | | 68 | |
| 507.3 | Remove & Replace Chain Link Wire Fence (8' High) | LF | 60 | | 20 | | 40 | |
| 520.1 | Hydromulching (Residential or Commercial) | SY | 1406 | 34 | 407 | | 419 | 546 |
| 530.1 | Barricades, Signs, and Traffic Handling | EA | 1 | | | | | |
| 540.9 | Temporary Sediment Control Fence | LF | 1438 | 1438 | | | | |
| 550.1 | Trench Excavation Safety Protection | LF | 1346 | | 319 | 350 | 350 | 327 |
| 554.1 | Erosion Control Matting (Biodegradable no more than 1 year) | SY | 1406 | 34 | 407 | | 419 | 546 |
| 848 | 8" PVC Sanitary Sewer Line (6' - 10') ASTM D2241-05, SDR 26, 160 psi | LF | 196 | | 80 | | | 116 |
| 848 | 8" PVC Sanitary Sewer Line (10'-14') ASTM D2241-05, SDR 26, 160 psi | LF | 1150 | | 239 | 350 | 350 | 211 |
| 852.1 | Sanitary Sewer Manhole (0' - 6') | EA | 9 | | 2 | 2 | 3 | 2 |
| 852.3 | Extra Depth Manhole | VF | 45 | | 10 | 13 | 16 | 6 |
| 858 | Concrete Encasements, Cradles, Saddles, and Collars | CY | 9 | | 4 | 1 | 3 | 1 |
| 862 | Abandonment of Sewer Mains (<12") | LF | 986 | 986 | | | | |
| 862 | Abandonment of Sewer Manholes | EA | 3 | 3 | | | | |
| 864-S1 | Bypass Pumping | LS | 1 | | | | | |
| 866 | Sewer Main Television Inspection | LS | 1346 | | 319 | 350 | 350 | 327 |



| No. | Revision | Drawn | Approved | Date |
|-----|----------|-------|----------|------|
| | | | | |
| | | | | |

REVISIONS

TURTLE CREEK No. 3 SEWER LINE RELOCATION
INDEX OF SHEETS
SUMMARY OF QUANTITIES
SHEET 1 OF 1

| | | |
|-------------------------|-----------|---------|
| MAP No. 138612 & 138614 | Compkey | SHEET 2 |
| SECT. No. | JOB No. | OF 18 |
| DR. CAD | CK. EM/EA | 18-4518 |

9:04:42 AM

3/20/2018

Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_WO3\GENERAL\WO2-TC-INDX-SUM-01.dgn

SAWS GENERAL CONSTRUCTION NOTES

General Section

1. All materials and construction procedures within the scope of this contract shall be approved by the San Antonio Water System (SAWS) and comply with the Plans, Specifications, General Conditions and with the following as applicable:
 - A. Current Texas Commission on Environmental Quality (TCEQ) "Design Criteria for Domestic Wastewater System", Texas Administrative Code (TAC) Title 30 Part 1 Chapter 217 and "Public Drinking Water", TAC Title 30 Part 1 Chapter 290.
 - B. Current TXDOT "Standard Specifications for Construction of Highways, Streets and Drainage."
 - C. Current "San Antonio Water System Standard Specifications for Water and Sanitary Sewer Construction."
 - D. Current City of San Antonio "Standard Specifications for Construction."
 - E. Current City of San Antonio "Utility Excavation Criteria Manual" (UECM).
2. The Contractor shall obtain SAWS Standard Details from SAWS website, http://www.saws.org/business_center/specs, unless otherwise noted within design plans.
3. The Contractor is to notify and make arrangements with the SAWS Construction Inspection Division at 210-233-3500, and provide notification procedures the Contractor will use to notify affected home residents and/or property owners 72 hours prior to excavation.
4. Locations and depths of existing utilities and service laterals shown on the plans are understood to be approximate. Actual locations and depths must be field verified by the Contractor at least 1 week prior to construction. It shall be the Contractor's responsibility to locate utility service lines as required for construction and to protect them during construction at no cost to SAWS.
5. The Contractor shall verify the exact location of underground utilities and drainage structures at least 1-2 weeks prior to construction whether shown on plans or not. Please allow up to 7 business days for locates requesting pipe location markers on SAWS facilities. The following contact information are supplied for verification purposes:

San Antonio Water System:
 SAWS Utility Locates: <http://www.saws.org/Service/Locates>
 COSA Drainage 210-207-8048
 COSA Traffic Signal Operations 210-207-7720
 Texas State Wide One Call Locator 1-800-545-6005 or 811

6. The Contractor shall be responsible for restoring existing fences, curbs, streets, driveways, sidewalks, landscaping and structures to its original or better condition as a result of damages done by the project's construction.
7. All work in Texas Highway Department and Bexar County right-of-way shall be done in accordance with respective construction specifications and permit.
8. The Contractor shall comply with City of San Antonio's ordinances when excavating near trees. No trees shall be removed as part of this contract. Contractor must comply with Tree Preservation Plan and Details (NSPI).
9. The Contractor shall not place any waste materials in the 100-year Flood Plain without first obtaining an approved Flood Plain Permit.
10. Any work completed without prior written authorization which is not included in these plans and specifications will not be compensated by the San Antonio Water System.
11. Holiday Work: Contractors will not be allowed to perform SAWS work on SAWS recognized holidays. Request should be sent to constworkreq@saws.org.

 Weekend Work: Contractors are required to notify the SAWS Inspection Construction department 48 hours in advance to request weekend work. Request should be sent to constworkreq@saws.org.

 Any and all SAWS utility work installed without holiday/weekend approval will be subject to be uncovered for proper inspection.
12. PRE CON SITE VIDEO: Before the start of any construction. The site must be video recorded by the contractor with one copy submitted to SAWS Inspections. A pre-site video will provide accurate documentation of the existing conditions (NSPI).

13. POWER POLE BRACING: Contractors should be advised that there are existing overhead utility poles along the project corridor. Contractors should further be advised that if the distance from the outside face of a utility trench to the face of a utility pole is less than 5 feet, said utility pole is subject to bracing, based on a determination made by utility pole owner. Costs incurred by Contractor for bracing of these utility poles is subsidiary to that respective utility company's work. It is advisable for the Contractor to review the construction documents, and visit the construction site to determine potential impacts.
14. CONSTRUCTION SEQUENCING: It is the Contractor's sole responsibility to schedule sequencing for removal and installation of existing and proposed SAWS utilities in conjunction with general project construction. Sequence of construction activities shall be considered in order to minimize the extent and duration of disturbances.

Sewer Section:

15. The Contractor is responsible for ensuring that no sanitary sewer overflow (SSO) occurs as a result of their work. All contractor personnel responsible for SSO prevention and control shall be trained on proper response. Should an SSO occur, the contractor shall:
 - A. Identify the source of the SSO and notify SAWS Emergency Operations Center (EOC) immediately at 210-704-SAWS (210-704-7297). Provide the address of the spill and an estimated volume or flow.
 - B. Attempt to eliminate the source of the SSO.
 - C. Contain sewage from the SSO to the extent of preventing a possible contamination of waterways.
 - D. Clean up spill site (return contained sewage to the collection system if possible) and properly dispose of contaminated soil/materials.
 - E. Clean the affected sewer mains and remove any debris.
 - F. Meet all post-SSO requirements as per the EPA Consent Decree, including line cleaning and televising the affected sewer mains (at SAWS direction) within 24 hours.

Should the Contractor fail to address an SSO immediately and to SAWS satisfaction, they will be responsible for all costs incurred by SAWS, including any fines from EPA.

No separate measurement or payment shall be made for this work. All work shall be done according to guidelines set by the TCEQ and SAWS.

16. The Contractor shall provide bypass pumping of sewage around each segment of pipe to be replaced, in accordance with SAWS Special Specification Item No. 864-S1, "Bypass Pumping Small Diameter Sanitary Sewers". Payment for such work will be made under the 864-S1 Bypass Pumping (Lump Sum) as per SAWS Standard Specification.
17. ELEVATIONS POSTED FOR PROPOSED MANHOLE RIM ELEVATIONS ARE FOR REFERENCE ONLY: It shall be the responsibility of the Contractor to make allowances and adjustments for top of manholes to match the finished grade of the project's improvements (NSPI).
18. All proposed sanitary sewer pipe shall be ASTM D2241-05, SDR 26, 160 psi.

General Notes:

19. New manhole ring and covers shall be watertight and installed with concrete manhole ring encasement.
20. Rings and covers from manholes to be abandoned, removed or replaced shall be salvaged and the hole backfilled to the satisfaction of the inspector.
21. All fittings and appurtenances not identified by a specific pay item shall be included in the bid price for the pipeline.
22. The Contractor shall protect existing sanitary sewer until abandoned.
23. The Contractor shall be responsible for maintaining continuous flows and reconnecting all existing services as pipe is laid.
24. All limits for curb, sidewalk, and tree prep beyond what is considered incidental to normal utility construction will be addressed by the SAWS Inspector, all communication from SAWS will be coordinated through the SAWS Inspector. SAWS Inspector will also determine if additional compensation is warranted if limits exceed incidentals.

25. Contractor is responsible for maintaining and protecting the integrity of power poles and guy wires during construction (NSPI).
26. Contractor shall protect and/or repair (if damaged) any existing water/sewer service laterals and irrigation shown or not shown (NSPI).
27. Contractor shall maintain vehicular access through all driveways for emergency access.
28. All property lines shown are approximate.
29. Contractor to protect existing signs (NSPI). Provide temporary signs and salvage and replace signs that interfere with construction of sewer mains and laterals. (NSPI).
30. Existing drainage paths shall not be blocked and shall remain in operation during construction. Any damage resulting from contractor's activities or construction methods will be restored by the contractor's at his own expense.
31. The Contractor shall provide erosion control measures to prevent pollution of storm waters originating up gradient, and prevent downstream pollution by contaminated stormwater runoff from the site.
32. Contractor must field verify all sanitary sewer depths, distances, pipe sizes, grades, and laterals before start of construction. (NSPI)
33. Contractor shall coordinate with SAWS and property owners to access to sites located in easements and private properties.
34. This is a secure area, security fencing must be up at all times and security guards as described in special conditions Note SC-1.2 will be required during entire time that fencing is down (24-hours/day and 7 days/week, as needed).
35. Contractor shall coordinate with SAWS Inspector and other contractors who may be working on site for sequencing and scheduling of work.



| | | | | |
|---|-----------|---|----------|------|
| | | 11550 I.H. 10 WEST SUITE 350 SAN ANTONIO, TEXAS 78230 TBPE REGISTRATION No. : F-333 (210) 366-1988 | | |
| REVISIONS | | | | |
| No. | Revision | Drawn | Approved | Date |
| TURTLE CREEK No. 3 SEWER LINE RELOCATION GENERAL NOTES SHEET 1 OF 2 | | | | |
| MAP No. 138612 & 138614 | Compkey | SHEET 3 | | |
| SECT. No. | JOB No. | OF 18 | | |
| DR. CAD | CK. EM/EA | 18-4518 | | |

9:05:02 AM

3/20/2018

Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_WO3\GENERAL\WO2-TC-GEN\NTS-01.dgn

SAWS GENERAL CONSTRUCTION NOTES

GENERAL NOTES FOR OPEN-CUT INSTALLATION:

1. Contractor shall provide any additional local bypass pumping as required to complete pipe bursting work. No separate payment will be made for additional local bypass pumping.
2. All construction operation shall be performed during the week days from 8 A.M. to 5 P.M.
3. Control noise level during night hours in accordance with City of San Antonio noise ordinances. Construction activities and equipment that produce noise levels exceeding 60 dBA between the hours of 5:00 P.M. and 8:00 A.M. Monday through Saturday and all day Sunday (as measured at the nearest property line of an adjacent residential area) shall be shielded by an acoustical enclosure.
4. Contractor shall contact COSA regarding any sidewalk closures.
5. It is the Contractor's responsibility and expense to coordinate and acquire his own staging area, including parking area to accommodate construction personnel vehicle parking.

UTILITIES

1. The existence and location of utilities indicated on these plans are taken from available records and are not guaranteed to be accurate.
2. The Contractor shall verify the exact location of underground utilities and drainage structures at least 1-2 weeks prior to construction whether shown on plans or not. Please allow up to 7 business days for locates requesting pipe location markers on SAWS facilities. Contractor shall call Texas State Wide One Call locator at 1-800-545-605 or 811.
3. Contractor shall exercise extreme caution when working near, adjacent, or under existing utilities. Any damage to existing utility facilities resulting from Contractor's activities or construction methods will be repaired, replaced, restored or reimbursed at the Contractor's expense.
4. The location and depth of existing utilities and associated easements, if any, shown in these plans are approximate only. Prior to construction, Contractor shall verify the location and depth of all the existing public or private utilities including but not limited to water, sanitary sewer, service laterals, telephone, cable television, data transfer cables, communications, duct banks, utility vaults, gas, heating and cooling, underground electric, fiber optic, drainage systems and irrigation lines. Contractor shall notify SAWS and the Engineer of any discrepancies or conflicts prior to construction. Any damage to the existing utilities shall be repaired at the Contractor's expense (NSPI).
5. Contractor shall provide proper shoring or other suitable support for all utilities crossed or located adjacent to the construction areas. Contractor shall coordinate with the utility company representatives as required to provide support, marking and protective measures within the construction work zones.
6. Due to Federal Regulations Title 49, part 192.181, CPS must maintain access to gas valves at all times. The Contractor must protect and work around any gas valves that are in the project area.

4. Consider possible need for temporary relocation of poles during construction. Associated costs will be the responsibility of the party making the request.
5. Consider locations of both existing guy wires and proposed new guy wires. These could cause unforeseen construction interference. Any temporary bracing needed will be a cost to the Contractor.
6. Width, depth, and location of trenching or excavation must be considered around utility poles. This could necessitate bracing/shoring during construction at a cost to the Contractor.
7. The Right-of-way width must be considered for placement of relocated utilities.
8. Include utility inspections and time needed where necessary in schedules.
9. Contractor to call CPS for gas line location prior to any excavation.

CPS ENERGY NOTES

1. Consider overhead line clearances and locations where large equipment may be used.
2. Consider location of existing overhead lines for construction and design purposes. Sleeving of overhead primary lines will be a cost to the Contractor. The shielding/sleeving of lines is for reference, not for protection from electrical shock.
3. De-energizing of primary lines or transmission lines for construction purposes will be a cost to the Contractor. De-energizing may not be possible in all instances.



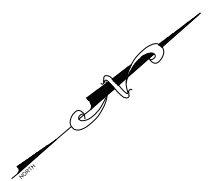
| | | | | |
|-------------------------|----------|---|----------|---------|
| | | 11550 I.H. 10 WEST SUITE 350 SAN ANTONIO, TEXAS 78230 (210) 366-1988 TBPE REGISTRATION No.: F-333 | | |
| No. | Revision | Drawn | Approved | Date |
| REVISIONS | | | | |
| | | TURTLE CREEK No. 3 SEWER LINE RELOCATION GENERAL NOTES SHEET 2 OF 2 | | |
| MAP No. 138612 & 138614 | | Compkey | | SHEET 4 |
| SECT. No. | | JOB No. 18-4518 | | OF 18 |
| DR. CAD | | CK. EM/EA | | |

9:05:35 AM

3/20/2018

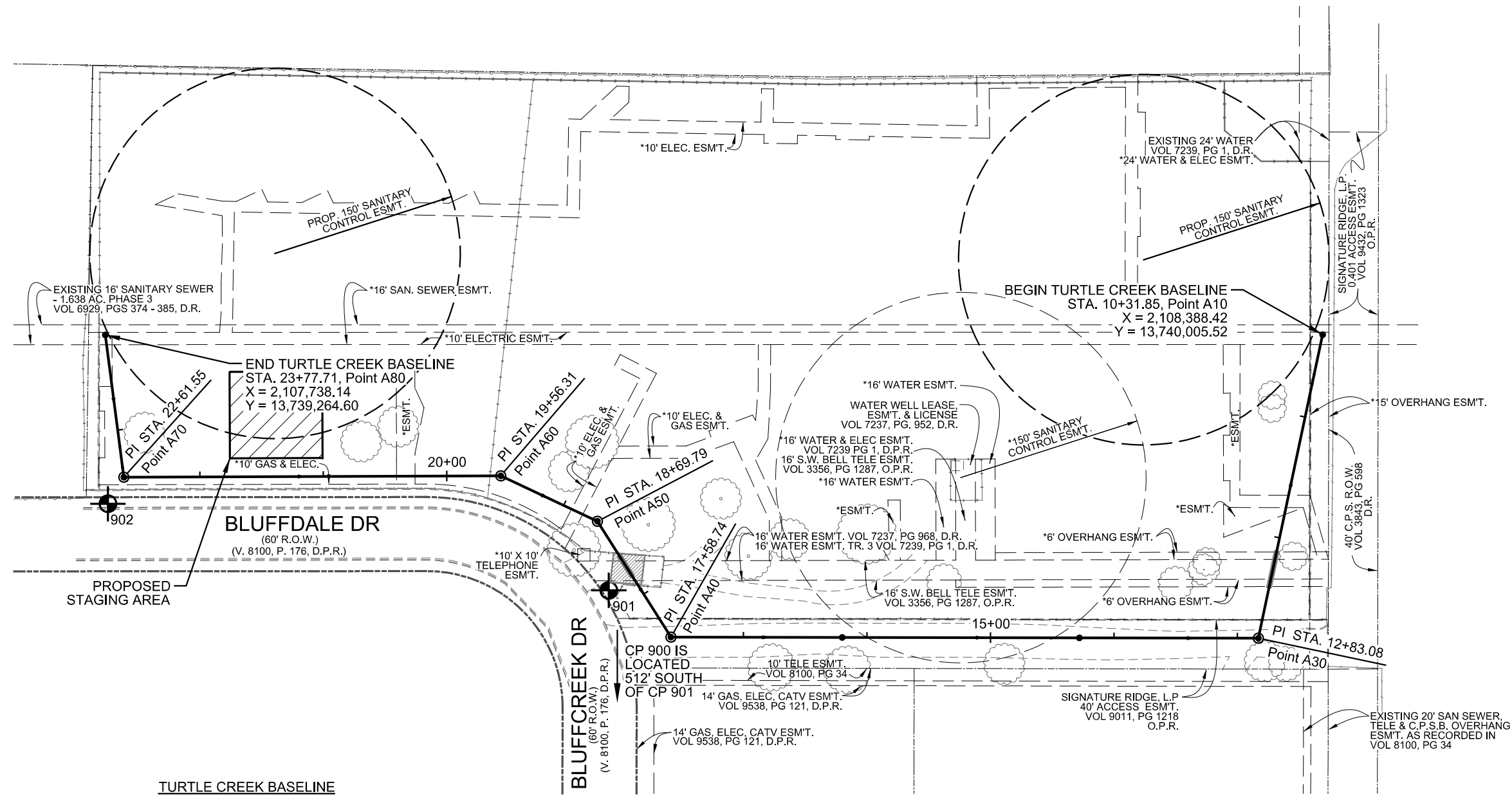
Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_WO3\GENERAL\WO2-TC-GEN-NTS-02.dgn

| CONTROL POINTS | | | | |
|----------------|----------------|----------------|--------|--------------------|
| C.P. ID | "X" COORDINATE | "Y" COORDINATE | ELEV. | DESCRIPTION |
| 900 | 2108556.04 | 13739106.58 | 940.04 | MAGNLWCECWASHERSET |
| 901 | 2108162.59 | 13739434.57 | 947.77 | REB1/2"CECSET |
| 902 | 2107842.31 | 13739176.03 | 949.15 | REB1/2"CECSET |



SCALE: 1" = 100'

*EXISTING EASEMENTS AS RECORDED IN VOL 8600, PAGE 141 & 142, D.P.R



| LEGEND | |
|--------|-------------------------|
| | PROPOSED SEWER LINE |
| | ROW |
| | PROPERTY LINES |
| | EASEMENT LINES |
| | CONTROL POINTS |
| | DEED RECORDS |
| | DEED AND PLAT RECORDS |
| | OFFICIAL PUBLIC RECORDS |



TURTLE CREEK BASELINE

Beginning chain TC_SANSEW_HALN description

| | | | | | | |
|---|---|---------------|---|--------------|-----|----------|
| Point A10 | N | 13,740,005.52 | E | 2,108,388.42 | Sta | 10+31.85 |
| Course from A10 to A30 S 36° 45' 07.65" E Dist 251.23 | | | | | | |
| Point A30 | N | 13,739,804.23 | E | 2,108,538.75 | Sta | 12+83.08 |
| Course from A30 to A40 S 41° 23' 39.81" W Dist 475.66 | | | | | | |
| Point A40 | N | 13,739,447.40 | E | 2,108,224.22 | Sta | 17+58.74 |
| Course from A40 to A50 N 81° 07' 14.68" W Dist 111.05 | | | | | | |
| Point A50 | N | 13,739,464.54 | E | 2,108,114.51 | Sta | 18+69.79 |
| Course from A50 to A60 S 66° 27' 19.65" W Dist 86.52 | | | | | | |

| | | | | | | |
|---|---|---------------|---|--------------|-----|----------|
| Point A60 | N | 13,739,429.98 | E | 2,108,035.19 | Sta | 19+56.31 |
| Course from A60 to A70 S 41° 04' 50.44" W Dist 305.24 | | | | | | |
| Point A70 | N | 13,739,199.90 | E | 2,107,834.61 | Sta | 22+61.55 |
| Course from A70 to A80 N 56° 08' 56.85" W Dist 116.16 | | | | | | |
| Point A80 | N | 13,739,264.60 | E | 2,107,738.14 | Sta | 23+77.71 |

Ending chain TC_SANSEW_HALN description

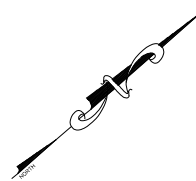
| | | | |
|--|-----------|--|--|
| | | 11550 I.H. 10 WEST SUITE 300 SAN ANTONIO, TEXAS 78230 (210) 366-1988 | |
| TURTLE CREEK No. 3 SEWER LINE RELOCATION | | | |
| SANITARY SEWER PROJECT LAYOUT SHEET 1 OF 1 | | | |
| MAP No. 138612 & 138614 | Compkey | SHEET 5 OF 18 | |
| SECT. No. | JOB No. | | |
| DR. CAD | CK. EM/EA | 18-4518 | |

9:05:55 AM

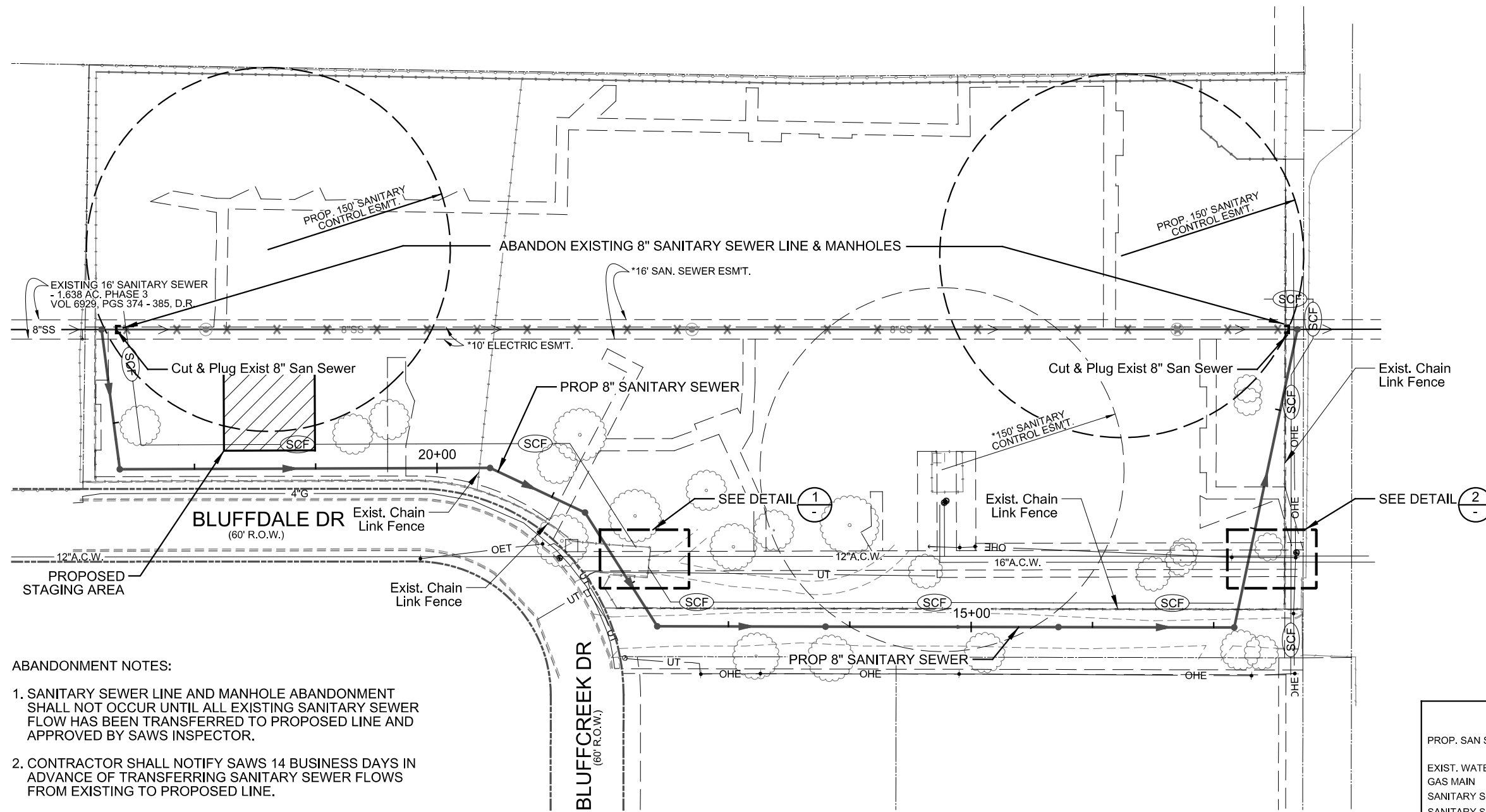
3/20/2018

Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_WO3\GENERAL\WO2-TC-PR-LAY-01.dgn

*EXISTING EASEMENTS AS RECORDED IN VOL 8600, PAGE 141 & 142, D.P.R



SCALE: 1" = 100'



ABANDONMENT NOTES:

1. SANITARY SEWER LINE AND MANHOLE ABANDONMENT SHALL NOT OCCUR UNTIL ALL EXISTING SANITARY SEWER FLOW HAS BEEN TRANSFERRED TO PROPOSED LINE AND APPROVED BY SAWS INSPECTOR.
2. CONTRACTOR SHALL NOTIFY SAWS 14 BUSINESS DAYS IN ADVANCE OF TRANSFERRING SANITARY SEWER FLOWS FROM EXISTING TO PROPOSED LINE.

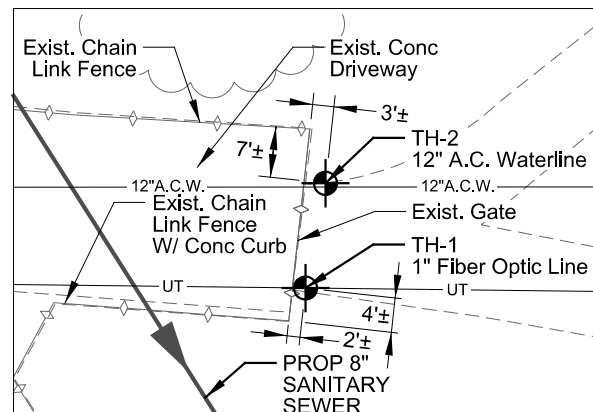
| FINAL | EST | UNIT | DESCRIPTION |
|-------|------|------|---|
| | 34 | SY | Hydromulching (Residential or Commercial) |
| | 1438 | LF | Temporary Sediment Control Fence |
| | 34 | SY | Erosion Control Matting (Biodegradable no more than 1 year) |
| | 986 | LF | Abandonment of Sewer Mains (<12") |
| | 3 | EA | Abandonment of Sewer Manholes |



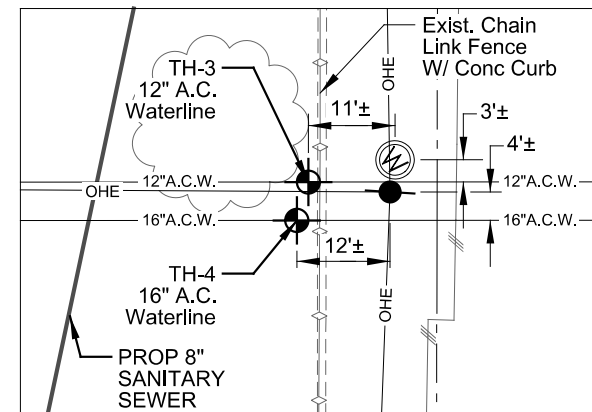
| LEGEND | |
|--------------------------------|---------------------------------------|
| PROP. SAN SEWER | 8" (with arrow) |
| EXIST. WATER MAIN | 6" C.I.W. (with circle and cross) |
| GAS MAIN | 2" G (with circle and cross) |
| SANITARY SEWER | 8" SS (with circle and cross) |
| SANITARY SEWER TO BE ABANDONED | 8" SS (with circle and cross, dashed) |
| STORM SEWER | 24" ST (with circle and cross) |
| UTILITY POLE LINE | (with circle and cross) |
| OH ELECTRIC CABLE | OHE (with circle and cross) |
| OH ELECTRIC/TELE | OET (with circle and cross) |
| UG TELEPHONE | UT (with circle and cross) |
| FIBER OPTIC BOX | (with circle and cross) |
| EXIST CLEANOUT | (with circle and cross) |
| EXIST RIGHT OF WAY | (dashed line) |
| PROPERTY LINES | (dashed line) |
| EASEMENT LINES | (dashed line) |
| EXIST. TOPO | (dashed line) |
| CHAINLINK FENCE | (with diamond and cross) |
| WOOD FENCE | (with diagonal lines) |
| WROUGHT IRON FENCE | (with circle and cross) |
| TREES | (cloud shape) |
| SEDIMENT CONTROL FENCE | SCF (with circle and cross) |
| SUE LEVEL "A" TEST HOLE | TH-X (with circle and cross) |

NOTES

1. DUE TO FEDERAL REGULATION TITLE 49, PART 92.181 CPS MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING CPS OVERHEAD AND UNDERGROUND ELECTRIC FACILITIES ADJACENT TO THE WORK AREAS.
3. THE EXISTENCE AND LOCATION OF UTILITIES INDICATED ON THE PLAN ARE TAKEN FROM AVAILABLE RECORDS AND ARE NOT GUARANTEED TO BE ACCURATE.



1 S.U.E. DETAIL 1
NOT TO SCALE



2 S.U.E. DETAIL 2
NOT TO SCALE

MAESTAS & ASSOCIATES INC.
11550 I.H. 10 WEST SUITE 300
SAN ANTONIO, TEXAS 78230
TBPB REGISTRATION No. : F-333 (210) 365-1988

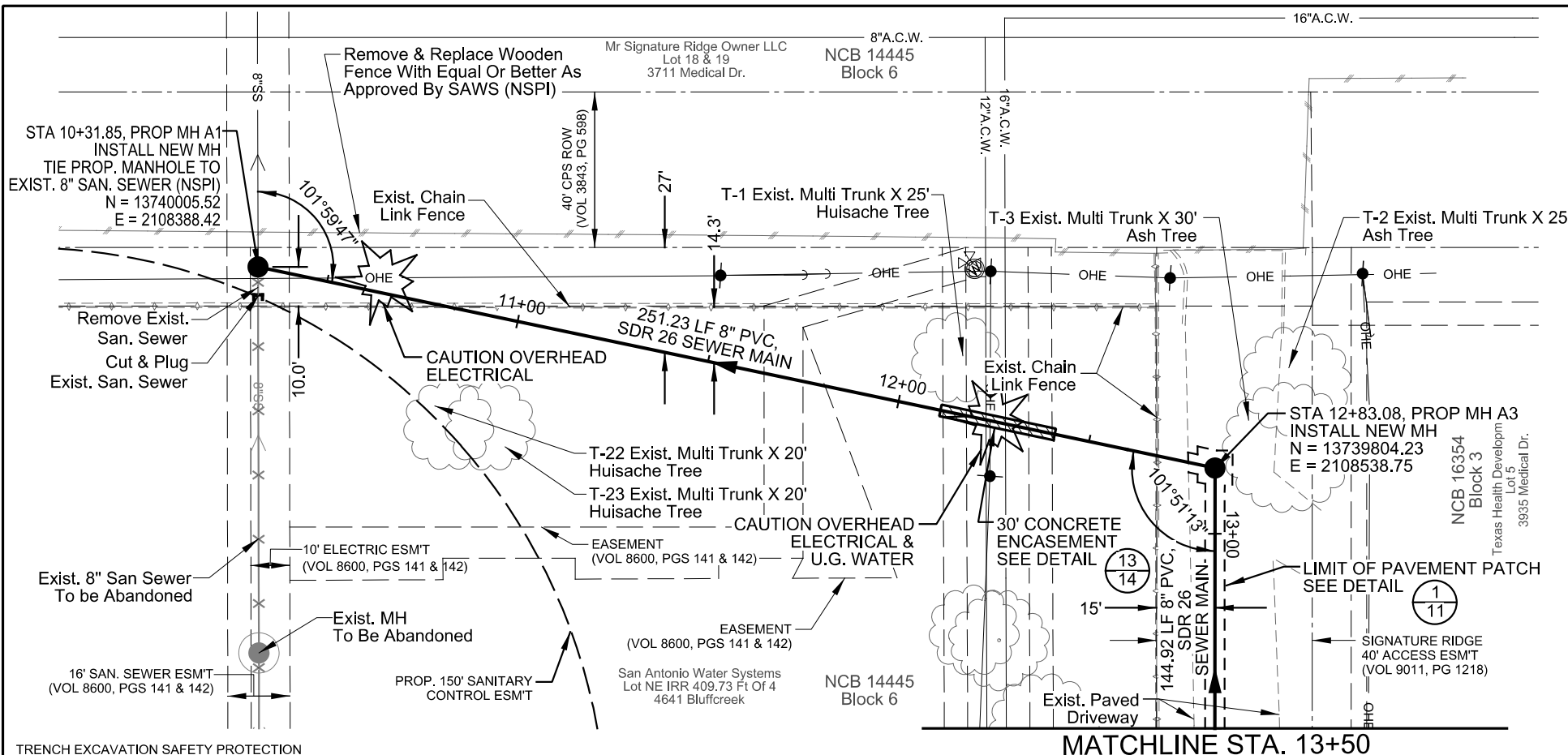
| No. | Revision | Drawn | Approved | Date |
|-----|----------|-------|----------|------|
| | | | | |

REVISIONS

TURTLE CREEK No. 3 SEWER LINE RELOCATION
SANITARY SEWER ABANDONMENT, SWPPP, AND UTILITY LAYOUT
SHEET 1 OF 1

| | | |
|-------------------------|-----------|---------|
| MAP No. 138612 & 138614 | Compkey | SHEET 6 |
| SECT. No. | JOB No. | OF 18 |
| DR. CAD | CK, EM/EA | 18-4518 |

Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_WO3\UTILITY\WO3-TC-SEW-ABNDN-01.dgn 3/20/2018 9:06:04 AM



CROSSING NOTES:

- CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION ACTIVITIES.
- AT ALL EXISTING FENCE CROSSINGS, REMOVE & REPLACE 10 LF OF FENCE. CENTER REMOVAL & REPLACEMENT ON PROPOSED SANITARY SEWER LINE. SEE DET 11 & 12/14.
- THIS IS A SECURE AREA. SECURITY FENCING MUST BE UP AT ALL TIMES AND SECURITY GUARDS AS DESCRIBED IN SPECIAL CONDITIONS NOTE SC-1.2 WILL BE REQUIRED DURING ENTIRE TIME THAT FENCING IS DOWN (24-HOURS/DAY AND 7 DAYS/WEEK, AS NEEDED). ANY REPAIR TO THE FENCE SHALL BE SUBSIDIARY TO ITEM NO. 848 (NSPI)
- INSTALL JOINT OF PROPOSED SEWER PIPE SO IT IS CENTERED UNDER WATER MAINS.
- CONTRACTOR SHALL SUPPORT AND PROTECT EXISTING WATER LINE CROSSINGS. (NPSI)
- CONTRACTOR SHALL STAY WITHIN 40' CONSTRUCTION CORRIDOR AS SHOWN ON TREE PRESERVATION PLANS.

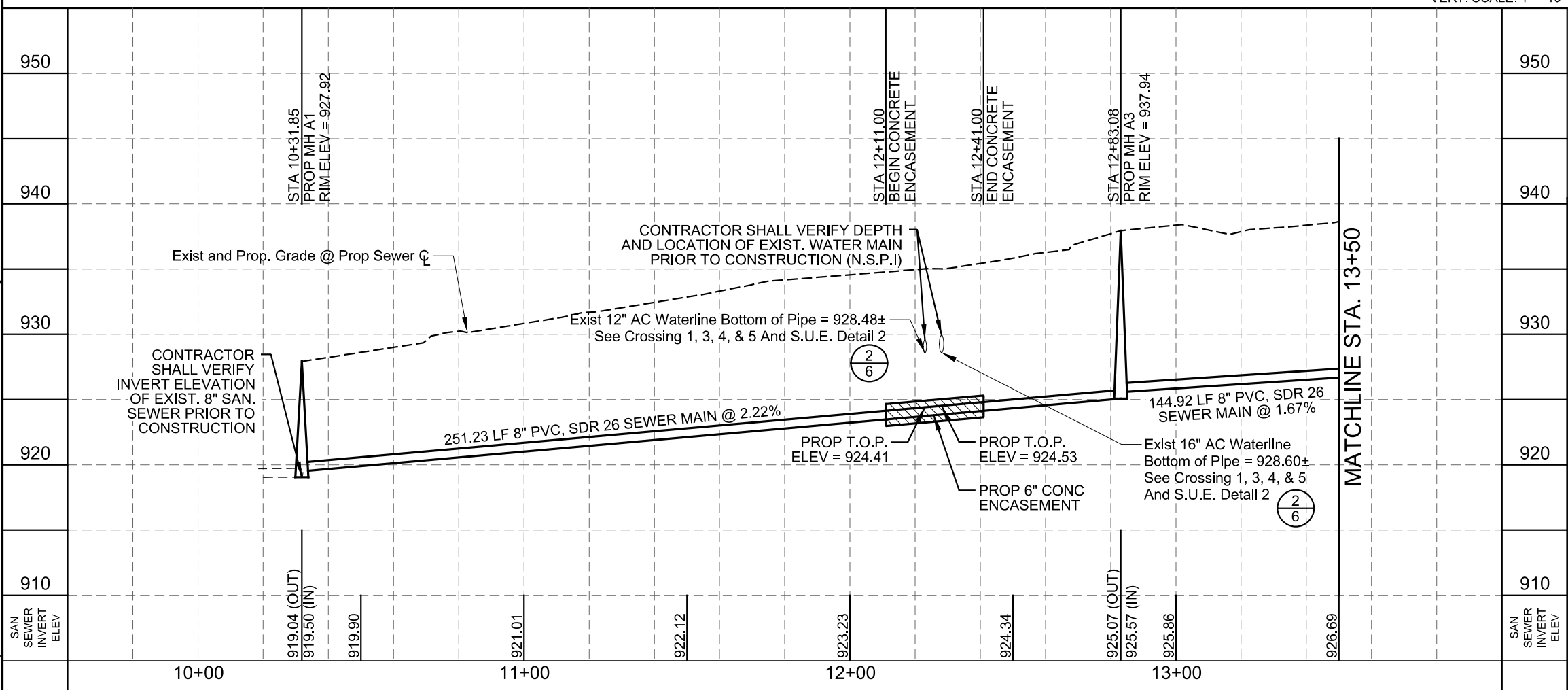
SCALE: 1" = 40'

| FINAL | EST | UNIT | Item No | DESCRIPTION |
|-------|-----|------|---------|--|
| | 4 | Gal | 203.1 | Tack Coat |
| | 44 | SY | 205.4 | Hot Mix Asphaltic Pavement , Type D (2" Comp. Depth) (<5,000 SY) |
| | 35 | SY | 206 | Asphalt Treated Base |
| | 20 | LF | 507.3 | Remove & Replace Chain Link Wire Fence (8' High) |
| | 407 | SY | 520.1 | Hydromulching (Residential or Commercial) |
| | 319 | LF | 550.1 | Trench Excavation Safety Protection |
| | 407 | SY | 554.1 | Erosion Control Matting (Biodegradable no more than 1 year) |
| | 80 | LF | 848 | 8" PVC Sanitary Sewer Line (6' - 10') |
| | 239 | LF | 848 | 8" PVC Sanitary Sewer Line (10'-14') |
| | 2 | EA | 852.1 | Sanitary Sewer Manhole (0' - 6') |
| | 10 | VF | 852.3 | Extra Depth Manhole |
| | 4 | CY | 858 | Concrete Encasements, Cradles, Saddles, and Collars |
| | 319 | LS | 866 | Sewer Main Television Inspection |

TRENCH EXCAVATION SAFETY PROTECTION

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) IN ORDER TO DEVELOP THE CONTRACTOR'S PLANS TO IMPLEMENT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S PLANS SHALL PROVIDE FOR ADEQUATE TRENCH SAFETY SYSTEMS THAT COMPLY WITH, AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL DEVELOP AND IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

HORZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 10'



LEGEND

- PROP. SAN SEWER 8" (Symbol)
- EXIST. WATER MAIN 6"C.I.W. (Symbol)
- GAS MAIN 2"G (Symbol)
- SANITARY SEWER 8"SS (Symbol)
- SANITARY SEWER TO BE ABANDONED 8"SS (Symbol)
- STORM SEWER 24"ST (Symbol)
- UTILITY POLE LINE (Symbol)
- OH ELECTRIC CABLE OHE (Symbol)
- OH ELECTRIC/TELE OET (Symbol)
- UH TELEPHONE UT (Symbol)
- FIBER OPTIC BOX (Symbol)
- EXIST CLEANOUT (Symbol)
- EXIST RIGHT OF WAY (Symbol)
- PROPERTY LINES (Symbol)
- EASEMENT LINES (Symbol)
- EXIST. TOPO (Symbol)
- CHAINLINK FENCE (Symbol)
- WOOD FENCE (Symbol)
- WROUGHT IRON FENCE (Symbol)
- TREES (Symbol)
- CONC ENCASUREMENT (Symbol)
- PAVED DRIVEWAY REPLACEMENT LIMITS (Symbol)
- CONC DRIVEWAY REPLACEMENT LIMITS (Symbol)

STATE OF TEXAS
ERNEST T. MAESTAS
52938
REGISTERED PROFESSIONAL ENGINEER
3/20/2018

NOTES

- DUE TO FEDERAL REGULATION TITLE 49, PART 92.181 CPS MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING CPS OVERHEAD AND UNDERGROUND ELECTRIC FACILITIES ADJACENT TO THE WORK AREAS.
- THE EXISTENCE AND LOCATION OF UTILITIES INDICATED ON THE PLAN ARE TAKEN FROM AVAILABLE RECORDS AND ARE NOT GUARANTEED TO BE ACCURATE.

REVISIONS

| No. | Revision | Drawn | Approved | Date |
|-----|----------|-------|----------|------|
| | | | | |

MAESTAS & ASSOCIATES INC.
11550 I.H. 10 WEST SUITE 393
SAN ANTONIO, TEXAS 78230
78230
TBP REGISTRATION No. F-333 (210) 365-1988

MAP No. 138612 & 138614
SECT. No. DR. CAD
JOB No. CK, EM/EA
18-4518

TURTLE CREEK No. 3 SEWER LINE RELOCATION
SANITARY SEWER PLAN & PROFILE
SHEET 1 OF 4

SHEET 7 OF 18

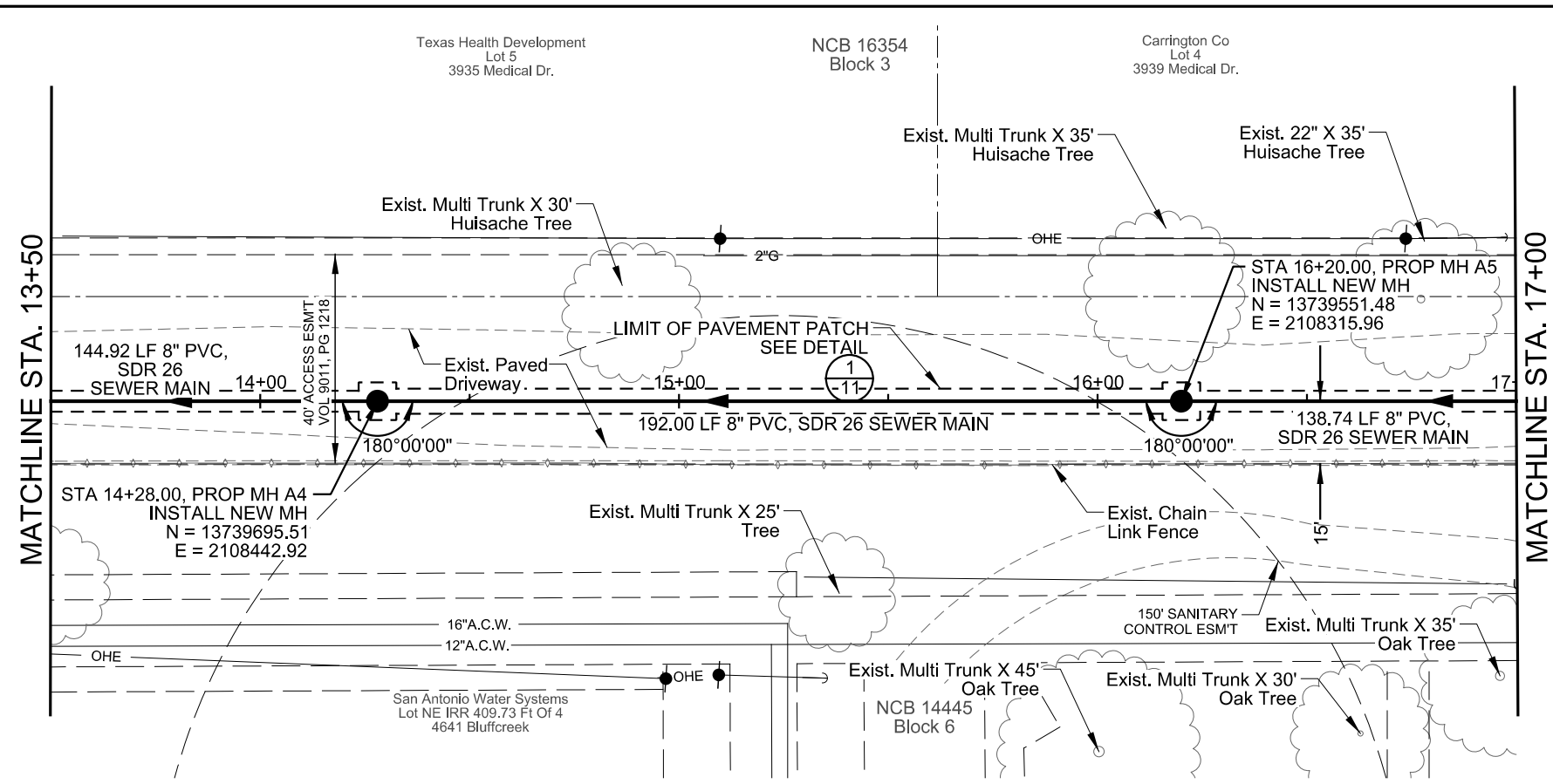
3/20/2018 9:06:13 AM

Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_WO3\UTILITY\WO3-TC-SEW-PP-01.dgn

9:06:24 AM

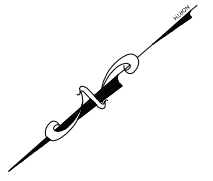
3/20/2018

Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_WO3\UTILITY\WO3-TC-SEW-PP-02.dgn



CROSSING NOTES:

1. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION ACTIVITIES.
2. CONTRACTOR SHALL STAY WITHIN 40' CONSTRUCTION CORRIDOR AS SHOWN ON TREE PRESERVATION PLANS.

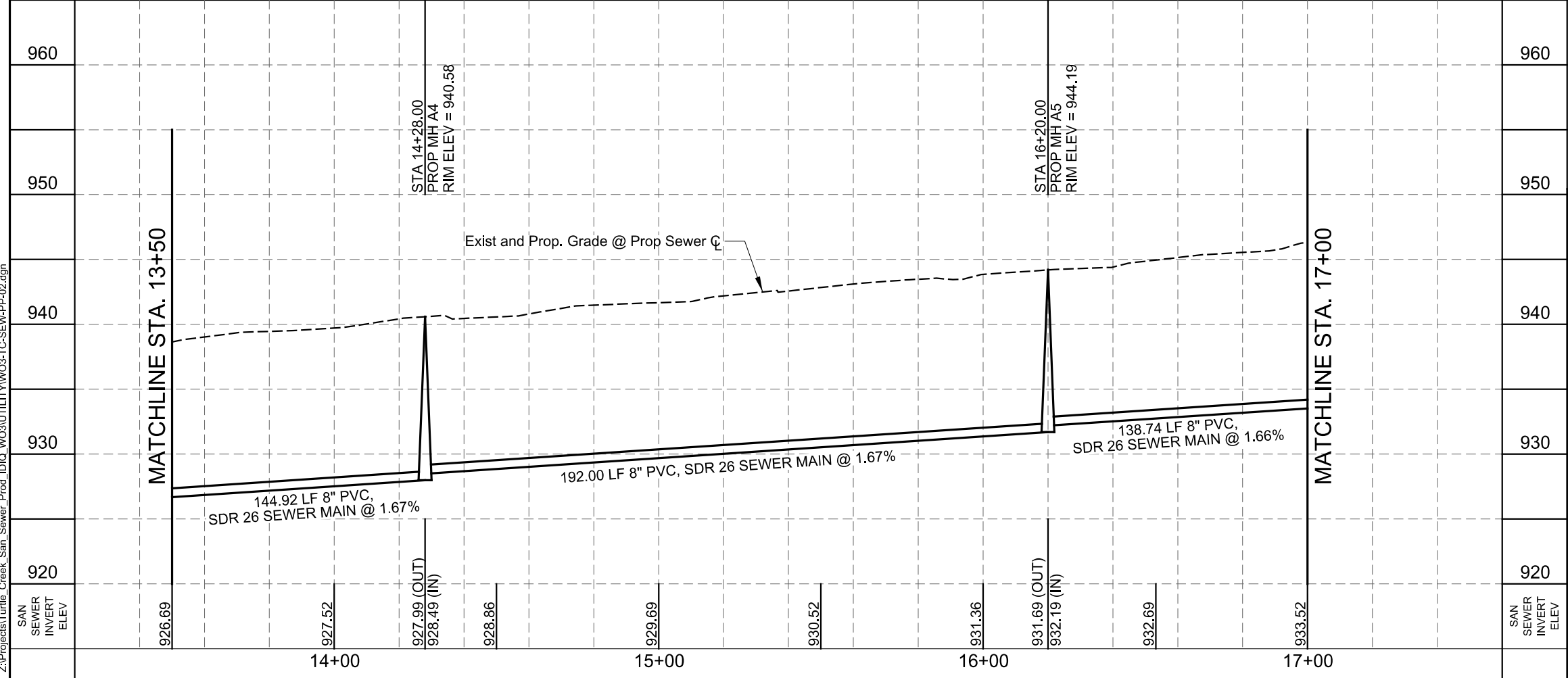


SCALE: 1" = 40'

| FINAL | EST | UNIT | Item No. | DESCRIPTION |
|-------|-----|------|----------|---|
| | 19 | Gal | 203.1 | Tack Coat |
| | 193 | SY | 205.4 | Hot Mix Asphaltic Pavement, Type D |
| | 152 | SY | 206 | Asphalt Treated Base |
| | 350 | LF | 550.1 | Trench Excavation Safety Protection |
| | 350 | LF | 848 | 8" PVC Sanitary Sewer Line (10'-14') |
| | 2 | EA | 852.1 | ASTM D2241-05, SDR 26, 160 psi |
| | 13 | VF | 852.3 | Sanitary Sewer Manhole (0' - 6') |
| | 1 | CY | 858 | Extra Depth Manhole |
| | 350 | LS | 866 | Concrete Encasements, Cradles, Saddles, and Collars |
| | | | | Sewer Main Television Inspection |

TRENCH EXCAVATION SAFETY PROTECTION
 CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) IN ORDER TO DEVELOP THE CONTRACTOR'S PLANS TO IMPLEMENT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S PLANS SHALL PROVIDE FOR ADEQUATE TRENCH SAFETY SYSTEMS THAT COMPLY WITH, AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL DEVELOP AND IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

HORZ. SCALE: 1" = 40'
 VERT. SCALE: 1" = 10'



LEGEND

| | |
|-----------------------------------|-----------|
| PROP. SAN SEWER | 8" |
| EXIST. WATER MAIN | 6" C.I.W. |
| GAS MAIN | 2" G |
| SANITARY SEWER | 8" SS |
| TO BE ABANDONED | 8" SS |
| STORM SEWER | 24" ST |
| UTILITY POLE LINE | |
| OH ELECTRIC CABLE | OHE |
| OH ELECTRIC/TELE | OET |
| UG TELEPHONE | UT |
| FIBER OPTIC BOX | |
| EXIST CLEANOUT | |
| EXIST RIGHT OF WAY | |
| PROPERTY LINES | |
| EASEMENT LINES | |
| EXIST. TOPO | |
| CHAINLINK FENCE | |
| WOOD FENCE | |
| WROUGHT IRON FENCE | |
| TREES | |
| CONC ENCASEMENT | |
| PAVED DRIVEWAY REPLACEMENT LIMITS | |
| CONC DRIVEWAY REPLACEMENT LIMITS | |



- NOTES**
1. DUE TO FEDERAL REGULATION TITLE 49, PART 92.181 CPS MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.
 2. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING CPS OVERHEAD AND UNDERGROUND ELECTRIC FACILITIES ADJACENT TO THE WORK AREAS.
 3. THE EXISTENCE AND LOCATION OF UTILITIES INDICATED ON THE PLAN ARE TAKEN FROM AVAILABLE RECORDS AND ARE NOT GUARANTEED TO BE ACCURATE.

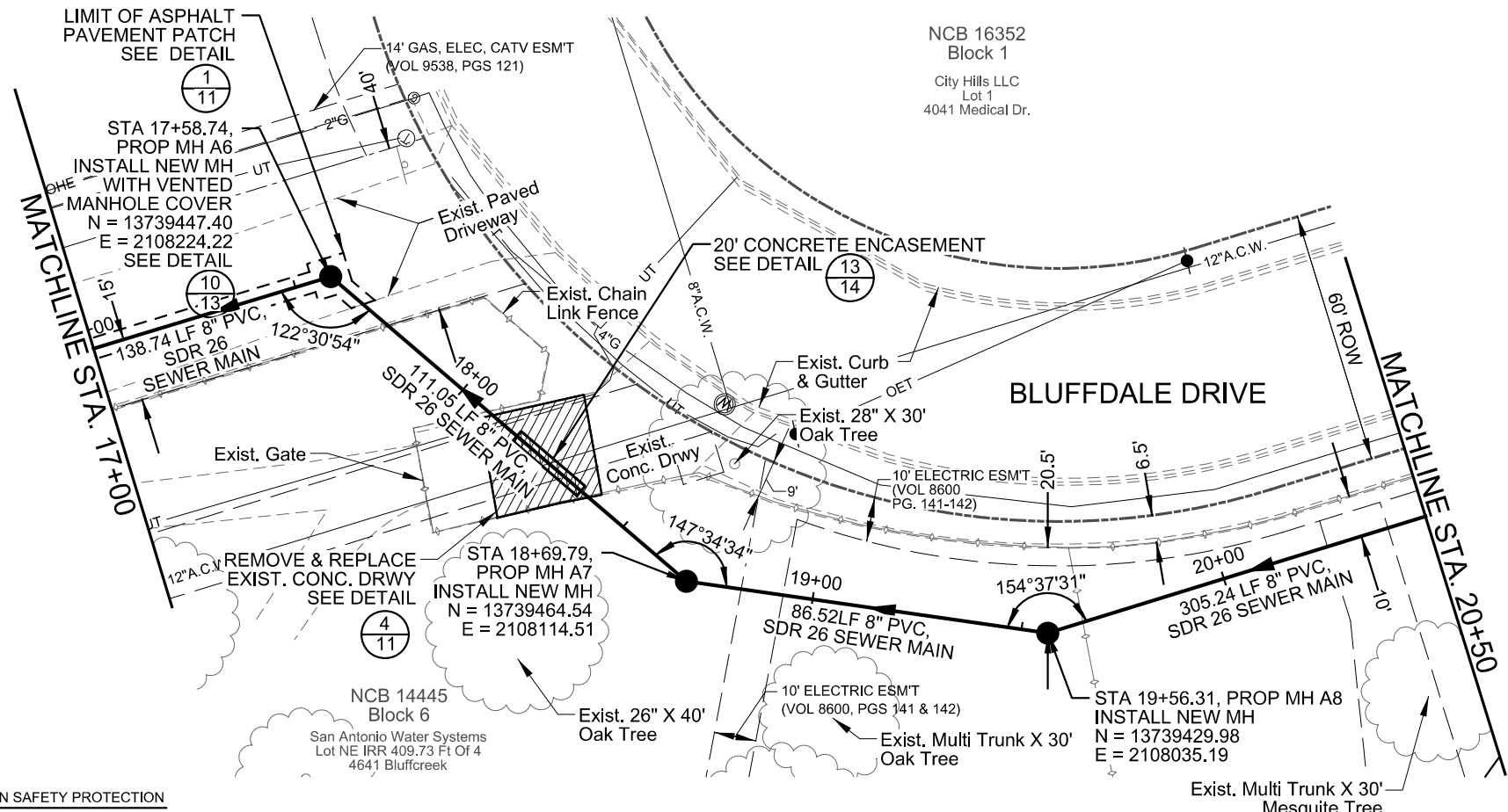
MAESTAS & ASSOCIATES INC.
 11550 I.H. 10 WEST SUITE 300
 SAN ANTONIO, TEXAS 78230
 TBPE REGISTRATION No. : F-333 (210) 366-1988

| No. | Revision | Drawn | Approved | Date |
|-----|----------|-------|----------|------|
| | | | | |

REVISIONS

TURTLE CREEK No. 3 SEWER LINE RELOCATION
SANITARY SEWER PLAN & PROFILE
SHEET 2 OF 4

| | | |
|-------------------------|-----------|---------|
| MAP No. 138612 & 138614 | Compkey | SHEET 8 |
| SECT. No. | JOB No. | OF 18 |
| DR. CAD | CK, EM/EA | 18-4518 |



CROSSING NOTES:

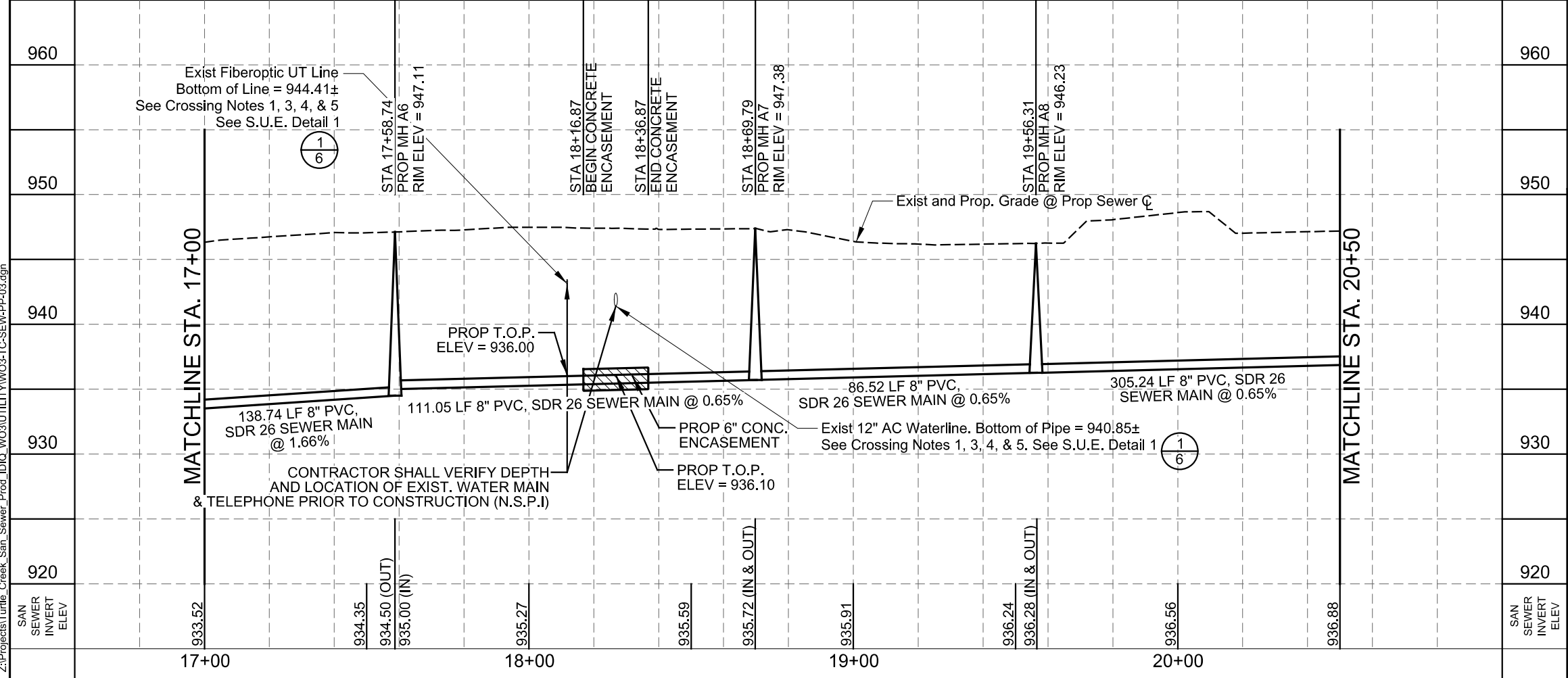
1. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION ACTIVITIES.
2. AT ALL EXISTING FENCE CROSSINGS, REMOVE & REPLACE 10 LF OF FENCE. CENTER REMOVAL & REPLACEMENT ON PROPOSED SANITARY SEWER LINE. SEE DET 11 & 12/14.
3. THIS IS A SECURE AREA, SECURITY FENCING MUST BE UP AT ALL TIMES AND SECURITY GUARDS AS DESCRIBED IN SPECIAL CONDITIONS NOTE SC-1.2 WILL BE REQUIRED DURING ENTIRE TIME THAT FENCING IS DOWN (24-HOURS/DAY AND 7 DAYS/WEEK, AS NEEDED). ANY REPAIR TO THE FENCE SHALL BE DONE SUBSIDIARY TO ITEM NO. 848 (NSPI).
4. INSTALL JOINT OF PROPOSED SEWER PIPE SO IT IS CENTERED UNDER WATER MAINS.
5. CONTRACTOR SHALL SUPPORT AND PROTECT EXISTING WATER LINE CROSSINGS. (NPSI)
6. CONTRACTOR SHALL STAY WITHIN 40' CONSTRUCTION CORRIDOR AS SHOWN ON TREE PRESERVATION PLANS.

SCALE: 1" = 40'

| FINAL | EST | UNIT | Item No. | DESCRIPTION |
|-------|-----|------|----------|---|
| | 605 | SF | 103.3 | Remove Concrete Sidewalk/Driveway (<1,00CSF) |
| | 5 | Gal | 203.1 | Tack Coat |
| | 41 | SY | 205.4 | Hot Mix Asphaltic Pavement, Type D (2" Comp. Depth) (<5,000 SY) |
| | 32 | SY | 206 | Asphalt Treated Base |
| | 68 | SY | 503.2 | Portland Cement Concrete Driveway-Commercial |
| | 40 | LF | 507.3 | Remove & Replace Chain Link Wire Fence (8' High) |
| | 419 | SY | 520.1 | Hydromulching (Residential or Commercial) |
| | 350 | LF | 550.1 | Trench Excavation Safety Protection |
| | 419 | SY | 554.1 | Erosion Control Matting (Biodegradable no more than 1 year) |
| | 350 | LF | 848 | 8" PVC Sanitary Sewer Line (10'-14') ASTM D2241-05, SDR 26, 160 psi |
| | 3 | EA | 852.1 | Sanitary Sewer Manhole (0' - 6') |
| | 16 | VF | 852.3 | Extra Depth Manhole |
| | 3 | CY | 858 | Concrete Encasements, Cradles, Saddles, and Collars |
| | 350 | LS | 866 | Sewer Main Television Inspection |

TRENCH EXCAVATION SAFETY PROTECTION
 CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) IN ORDER TO DEVELOP THE CONTRACTOR'S PLANS TO IMPLEMENT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S PLANS SHALL PROVIDE FOR ADEQUATE TRENCH SAFETY SYSTEMS THAT COMPLY WITH, AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL DEVELOP AND IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

HORZ. SCALE: 1" = 40'
 VERT. SCALE: 1" = 10'



LEGEND

- PROP. SAN SEWER: 8" PVC
- EXIST. WATER MAIN: 6" C.I.W.
- GAS MAIN: 2" G
- SANITARY SEWER: 8" SS
- SANITARY SEWER TO BE ABANDONED: 8" SS
- STORM SEWER: 24" ST
- UTILITY POLE LINE: OH ELECTRIC CABLE (OHE), OH ELECTRIC/TELE (OET), UG TELEPHONE (UT), FIBER OPTIC BOX (FIB), EXIST CLEANOUT (C)
- EXIST RIGHT OF WAY: Dashed line
- PROPERTY LINES: Dotted line
- EASEMENT LINES: Dashed line
- EXIST. TOPO: Solid line
- CHAINLINK FENCE: Zigzag line
- WOOD FENCE: Parallel lines
- WROUGHT IRON FENCE: Circle with cross
- FENCE: Solid line
- TREES: Cloud-like shapes
- CONC ENCASEMENT: Hatched area
- PAVED DRIVEWAY REPLACEMENT LIMITS: Dashed line
- CONC DRIVEWAY REPLACEMENT LIMITS: Hatched area

STATE OF TEXAS
 ERNEST T. MAESTAS
 52938
 REGISTERED PROFESSIONAL ENGINEER
 3/20/2018

- NOTES**
1. DUE TO FEDERAL REGULATION TITLE 49, PART 92.181 CPS MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.
 2. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING CPS OVERHEAD AND UNDERGROUND ELECTRIC FACILITIES ADJACENT TO THE WORK AREAS.
 3. THE EXISTENCE AND LOCATION OF UTILITIES INDICATED ON THE PLAN ARE TAKEN FROM AVAILABLE RECORDS AND ARE NOT GUARANTEED TO BE ACCURATE.

MAESTAS & ASSOCIATES INC.
 11550 I.H. 10 WEST SUITE 300
 SAN ANTONIO, TEXAS 78230
 TBPE REGISTRATION No. : F-333 (210) 365-1988

REVISIONS

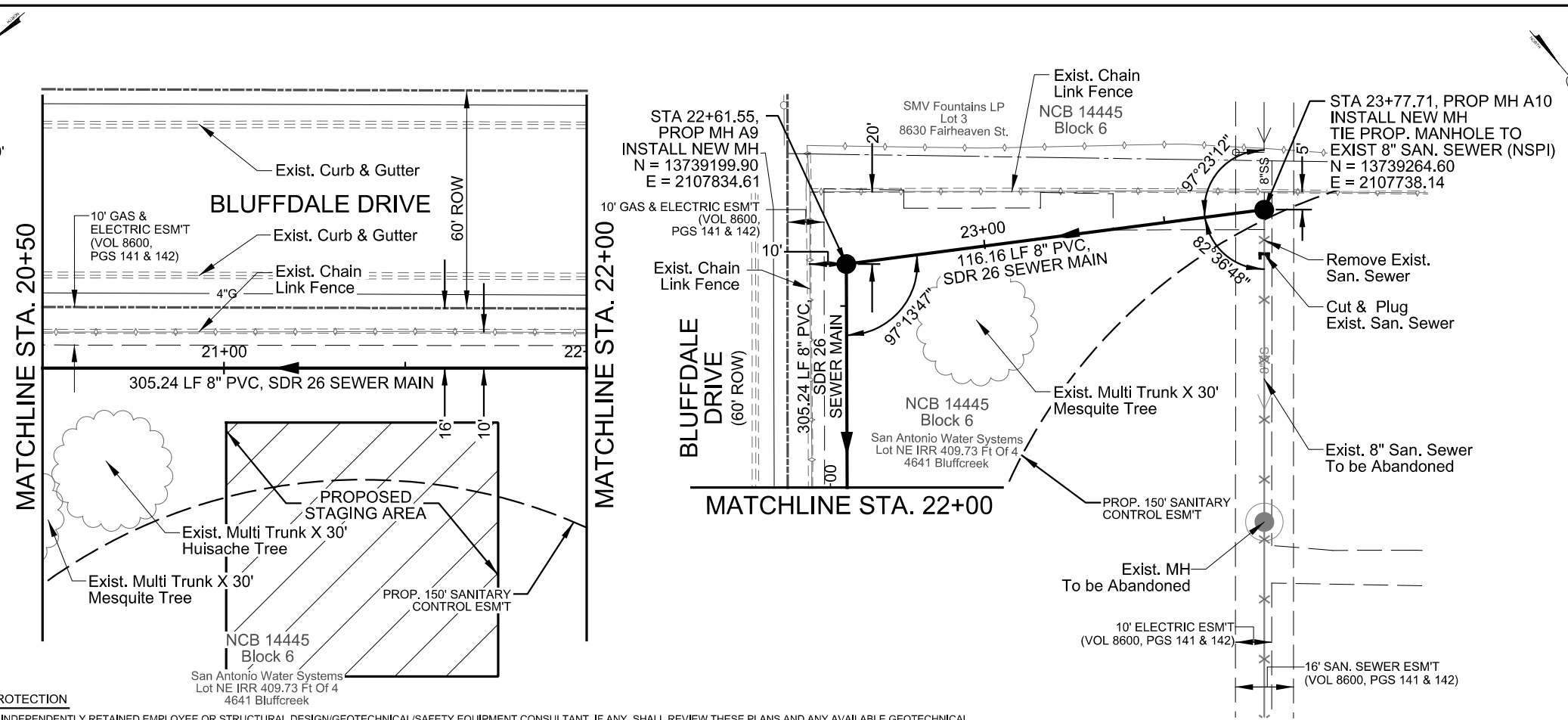
| No. | Revision | Drawn | Approved | Date |
|-----|----------|-------|----------|------|
| | | | | |

TURTLE CREEK No. 3 SEWER LINE RELOCATION
SANITARY SEWER PLAN & PROFILE
SHEET 3 OF 4

| | | |
|-------------------------|-----------------|---------|
| MAP No. 138612 & 138614 | Compkey | SHEET 9 |
| SECT. No. DR. CAD | JOB No. 18-4518 | Of 18 |

9:06:33 AM
 3/20/2018
 Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_W03\UTILITY\W03-TC-SEW-PP-03.dgn

SCALE: 1" = 40'

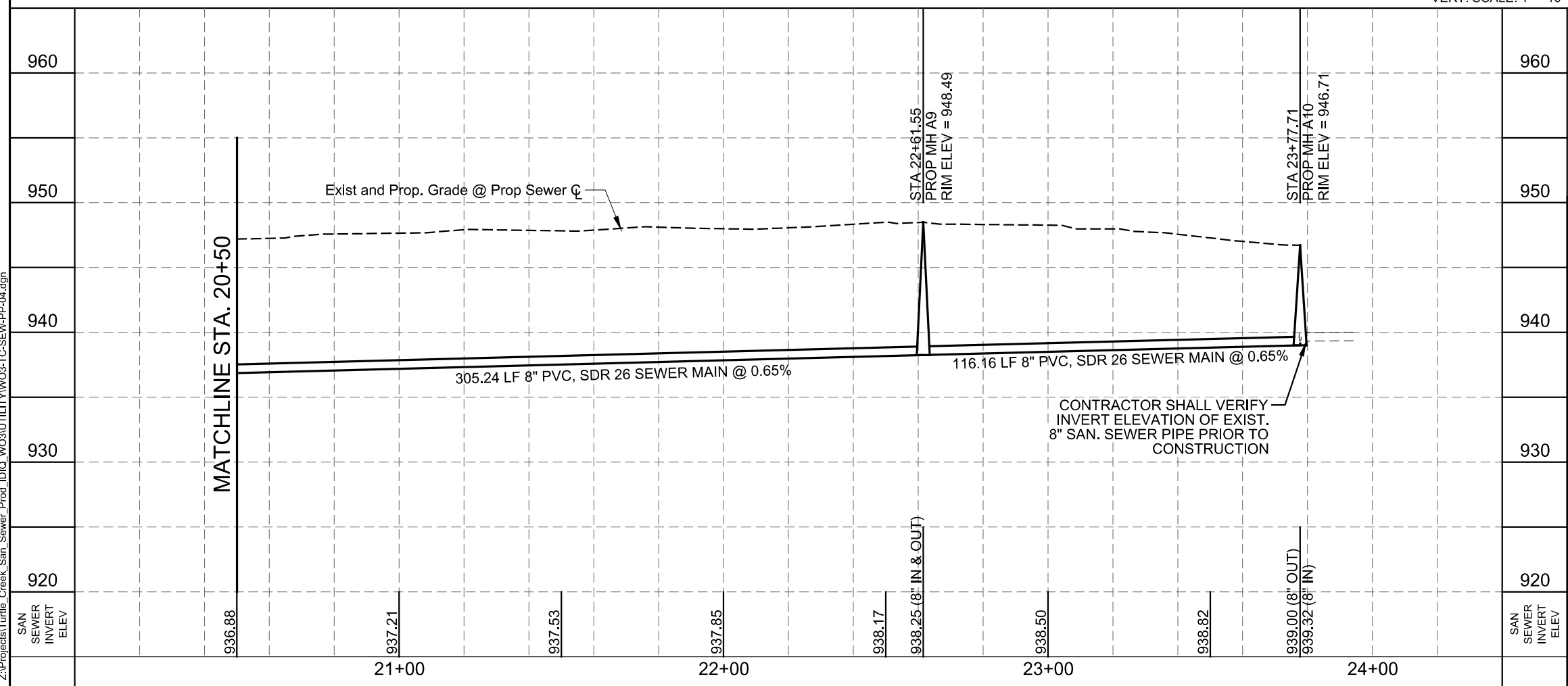


- CROSSING NOTES:
1. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION ACTIVITIES.
 2. THIS IS A SECURE AREA, FENCING MUST BE UP AT ALL TIMES AND SECURITY GUARDS AS DESCRIBED IN SPECIAL CONDITIONS NOTE SC-1.2 WILL BE REQUIRED DURING ENTIRE TIME THAT FENCING IS DOWN (24-HOURS/DAY AND 7 DAYS/WEEK, AS NEEDED). ANY REPAIR TO THE FENCE SHALL BE DONE SUBSIDIARY TO ITEM NO. 848 (NSPI).
 3. CONTRACTOR SHALL STAY WITHIN 40' CONSTRUCTION CORRIDOR AS SHOWN ON TREE PRESERVATION PLANS.

| FINAL | EST | UNIT | Item No. | DESCRIPTION |
|-------|-----|------|----------|--|
| | 546 | SY | 520.1 | Hydromulching (Residential or Commercial) |
| | 327 | LF | 550.1 | Trench Excavation Safety Protection |
| | 546 | SY | 554.1 | Erosion Control Matting (Biodegradable no more than 1 year) |
| | 116 | LF | 848 | 8" PVC Sanitary Sewer Line (6' - 10') ASTM D2241-05, SDR 26, 160 psi |
| | 211 | LF | 848 | 8" PVC Sanitary Sewer Line (10'-14') ASTM D2241-05, SDR 26, 160 psi |
| | 2 | EA | 852.1 | Sanitary Sewer Manhole (0' - 6') |
| | 6 | VF | 852.3 | Extra Depth Manhole |
| | 1 | CY | 858 | Concrete Encasements, Cradles, Saddles, and Collars |
| | 327 | LS | 866 | Sewer Main Television Inspection |

TRENCH EXCAVATION SAFETY PROTECTION
 CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) IN ORDER TO DEVELOP THE CONTRACTOR'S PLANS TO IMPLEMENT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S PLANS SHALL PROVIDE FOR ADEQUATE TRENCH SAFETY SYSTEMS THAT COMPLY WITH, AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL DEVELOP AND IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

HORZ. SCALE: 1" = 40'
 VERT. SCALE: 1" = 10'



LEGEND

- PROP. SAN SEWER: 8" PVC
- EXIST. WATER MAIN: 6" C.I.W.
- GAS MAIN: 2" G
- SANITARY SEWER: 8" SS
- SANITARY SEWER TO BE ABANDONED: 8" SS
- STORM SEWER: 24" ST
- UTILITY POLE LINE: OH
- OH ELECTRIC CABLE: OHE
- OH ELECTRIC/TELE: OET
- UG TELEPHONE: UT
- FIBER OPTIC BOX: FIB
- EXIST CLEANOUT: C
- EXIST RIGHT OF WAY: ---
- PROPERTY LINES: - - -
- EASEMENT LINES: - · - · -
- EXIST. TOPO: ---
- CHAINLINK FENCE: ---
- WOOD FENCE: ---
- WROUGHT IRON FENCE: ---
- TREES: ---
- CONC ENCASEMENT: ---
- PAVED DRIVEWAY REPLACEMENT LIMITS: ---
- CONC DRIVEWAY REPLACEMENT LIMITS: ---



- NOTES**
1. DUE TO FEDERAL REGULATION TITLE 49, PART 92.181 CPS MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.
 2. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING CPS OVERHEAD AND UNDERGROUND ELECTRIC FACILITIES ADJACENT TO THE WORK AREAS.
 3. THE EXISTENCE AND LOCATION OF UTILITIES INDICATED ON THE PLAN ARE TAKEN FROM AVAILABLE RECORDS AND ARE NOT GUARANTEED TO BE ACCURATE.

MAESTAS & ASSOCIATES INC.
 11550 I.H. 10 WEST SUITE 300 SAN ANTONIO, TEXAS 78230
 TBPE REGISTRATION No. : F-333 (210) 365-1988

| No. | Revision | Drawn | Approved | Date |
|-----|----------|-------|----------|------|
| | | | | |

REVISIONS

TURTLE CREEK No. 3 SEWER LINE RELOCATION
 SANITARY SEWER PLAN & PROFILE
 SHEET 4 OF 4

MAP No. 138612 & 138614
 SECT. No. DR. CAD
 Compkey
 JOB No. CK, EM/EA
 18-4518

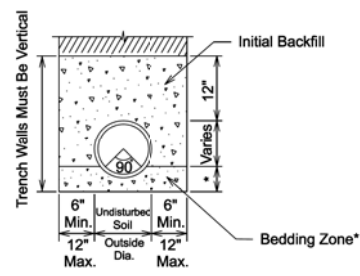
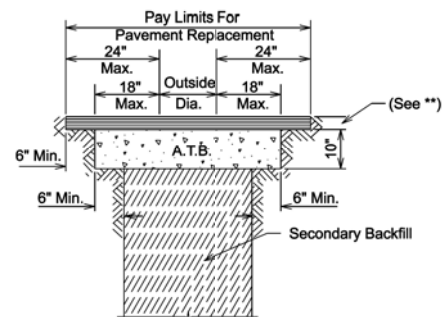
SHEET 10 OF 18

3/20/2018 9:06:44 AM
 Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_WO3\UTILITY\WO3-TC-SEW-PP-04.dgn

9:06:54 AM

3/20/2018

Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_WO3\UTILITY\WO3-TC-SEW+DET-01.dgn

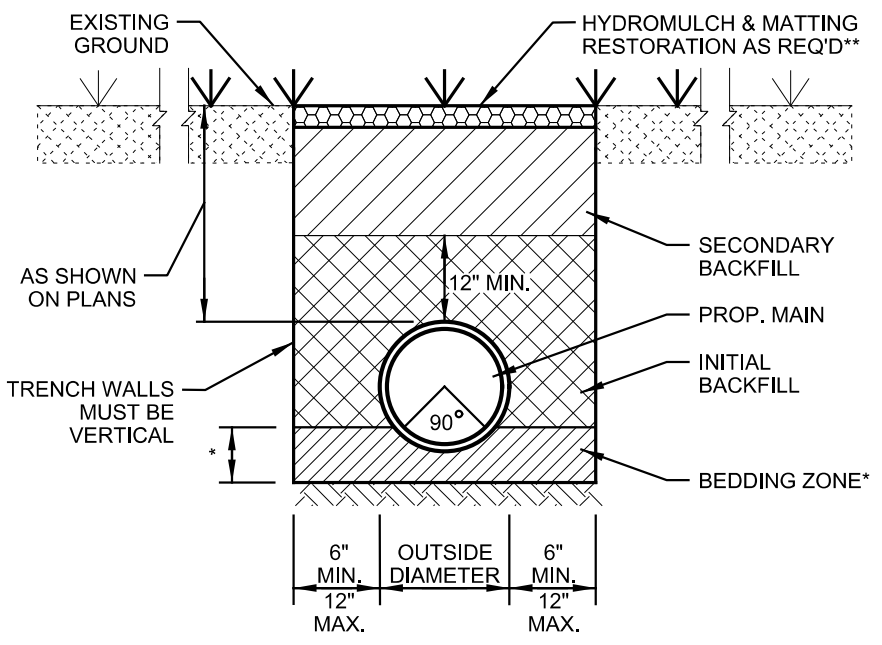


* Sewer Gravel 6" Min. or 1/8 O.D. of the pipe, whichever is greater.

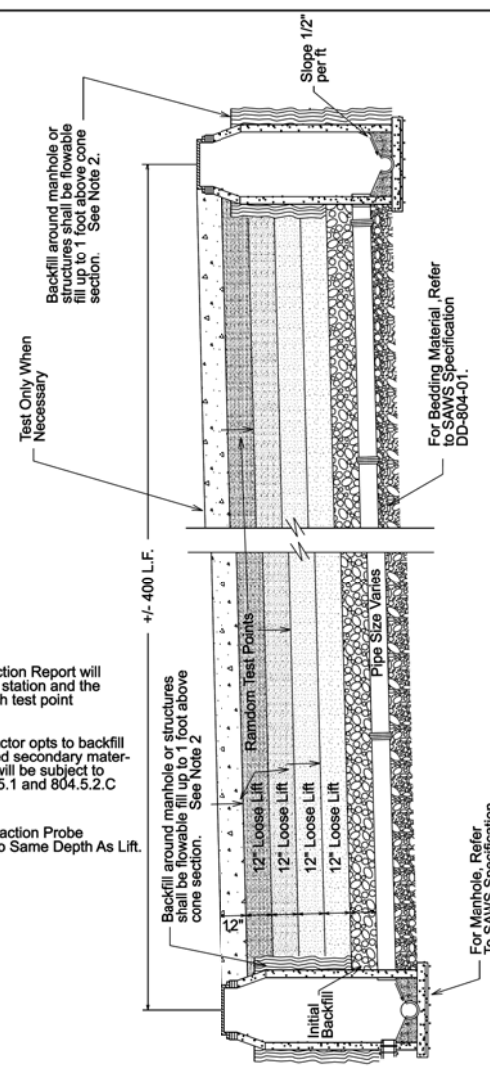
In areas of over excavation, encasement shall extend from trench wall to trench wall. Pay Limits shall not exceed 12" max. as shown on detail. Additional encasement shall be incidental.

** Min 2" HMAc Type "D" for trench repair in Local / Residential streets.
 ** Min 3" HMAc Type "C" for trench repair in Collector / Arterial streets.

* SEWER GRAVEL 6" MIN. OR 1/8 O.D. OF PIPE, WHICHEVER IS GREATER
 ** CONTRACTOR SHALL REMOVE & REUSE EXISTING TOPSOIL



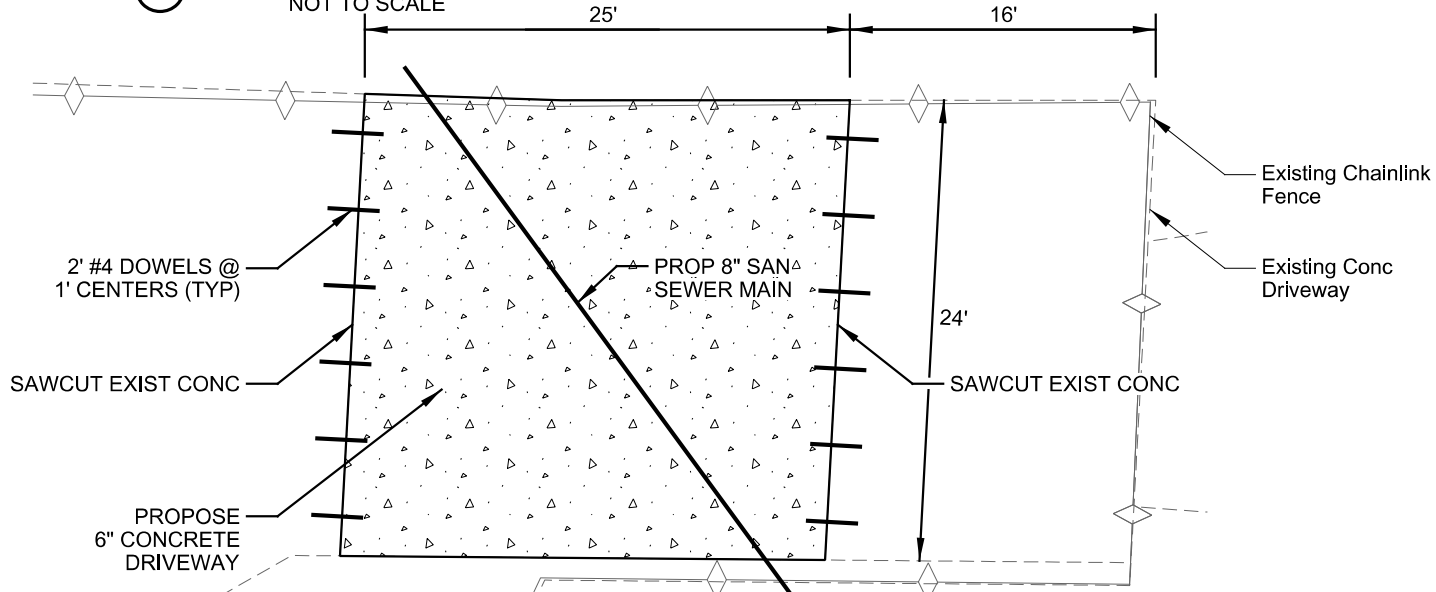
② SANITARY SEWER PIPE TRENCH DETAIL NOT TO SCALE



NOTES:
 1. The Compaction Report will indicate the station and the depth of each test point
 2. When Contractor opts to backfill with approved secondary material, all work will be subject to section 804.5.1 and 804.5.2.C & 2.D.
 3. Insure Compaction Probe Penetrates To Same Depth As Lift.

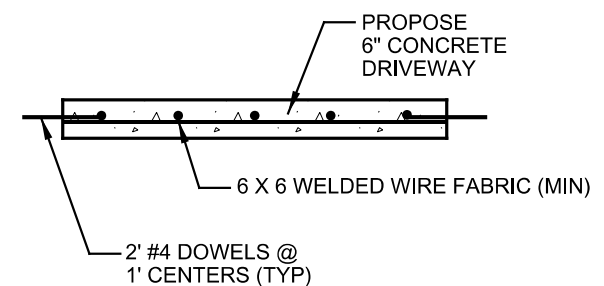
③ TRENCH COMPACTION DETAIL NOT TO SCALE

① SANITARY SEWER PIPE LAID IN TRENCH NOT TO SCALE



TYPICAL PLAN @ CONCRETE DRIVEWAY SCALE: 1" = 10'

④ CONCRETE DRIVEWAY REPAIR DETAILS



CONCRETE DRIVEWAY SECTION NOT TO SCALE

| | | | |
|---|---------------------------------------|------------------------|-----------------------|
| PROPERTY OF SAN ANTONIO WATER SYSTEM SAN ANTONIO, TEXAS | SANITARY SEWER PIPE LAID IN TRENCH | APPROVED MARCH 2008 | REVISED APRIL 2014 |
| DD-804-01 | | SHEET 1 OF 1 | |

| | | | |
|---|-----------------------------|------------------------|-----------------------|
| PROPERTY OF SAN ANTONIO WATER SYSTEM SAN ANTONIO, TEXAS | TRENCH COMPACTION DETAIL | APPROVED MARCH 2008 | REVISED APRIL 2014 |
| DD-804-02 | | SHEET 1 OF 1 | |



MAESTAS & ASSOCIATES INC.
 11550 I.H. 10 WEST SUITE 360
 SAN ANTONIO, TEXAS 78230
 TBPE REGISTRATION No. : F-333 (210) 366-1988

| No. | Revision | Drawn | Approved | Date |
|-----------|----------|-------|----------|------|
| REVISIONS | | | | |

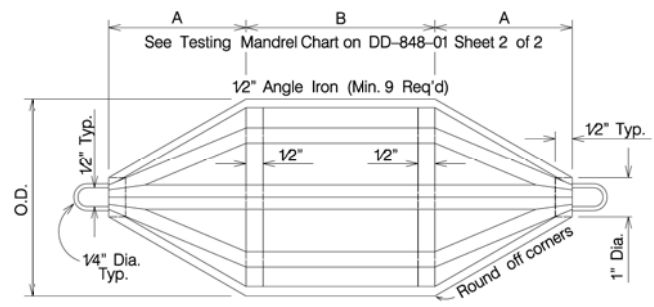
TURTLE CREEK No. 3 SEWER LINE RELOCATION
 SANITARY SEWER DETAILS
 SHEET 1 OF 4

| | | |
|-------------------------|-----------------|----------|
| MAP No. 138612 & 138614 | Compkey | SHEET 11 |
| SECT. No. | JOB No. 18-4518 | OF 18 |
| DR. CAD | CK, EM/EA | |

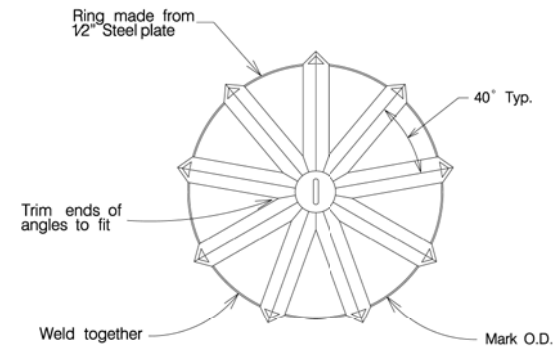
9:07:21 AM

3/20/2018

Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_WO3\UTILITY\WO3-TC-SEW-DET-02.dgn



SIDE OR TOP VIEW



END VIEW

Note: All mandrels must be approved by SAWS Construction Inspections and stamped before use.

| | | | | |
|---|---|------------------------|---------|-----------------|
| PROPERTY OF SAN ANTONIO WATER SYSTEM SAN ANTONIO, TEXAS | GO, NO GO DEFLECTION TESTING MANDREL | APPROVED March 2008 | REVISED | SHEET 1 OF 2 |
| | | DD-848-01 | | |

5 GO, NO GO DEFLECTION
TESTING MANDREL
NOT TO SCALE

| SIZE | MANDREL O.D. | | RING O.D. | |
|------|--------------|-------|--------------|--------------|
| | A | B* | PVC (SDR-26) | PVC (SDR-26) |
| 6" | 4.0" | 4.5" | 5.50 | 4.79 |
| 8" | 5.5" | 6" | 7.37 | 6.66 |
| 10" | 7.0" | 7.5" | 9.21 | 8.50 |
| 12" | 8.0" | 9" | 10.96 | 10.25 |
| 15" | 10.0" | 11" | 13.42 | 12.71 |
| 18" | 12.0" | 13.5" | — | — |
| 21" | 14.0" | 16" | — | — |
| 24" | 16.0" | 18" | — | — |
| 27" | 18.0" | 20" | — | — |

* Minimum Length

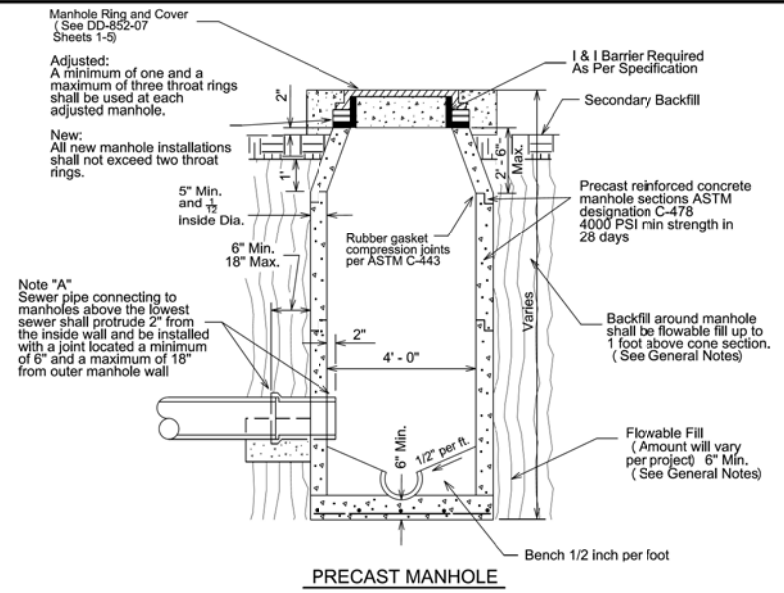
CHART

Notes:
PVC pipes and fittings 6" to 15" in diameter shall conform to ASTM D-3034-08.
PVC pipes and fittings 18" to 27" in diameter shall conform to ASTM F-679-08.

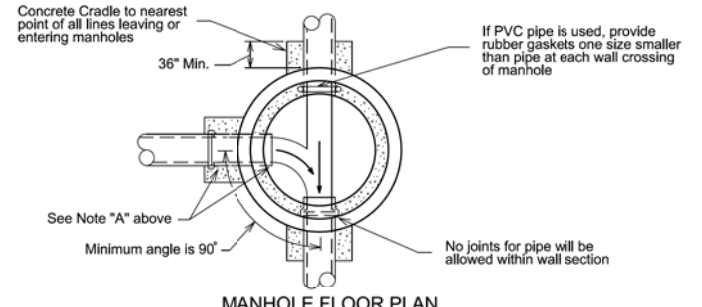
This information is provided as a reference. All deflection testing shall be done in accordance with TCEQ Chapter 217.

| | | | | |
|---|---|------------------------|-----------------------|-----------------|
| PROPERTY OF SAN ANTONIO WATER SYSTEM SAN ANTONIO, TEXAS | GO, NO GO DEFLECTION TESTING MANDREL CHART | APPROVED MARCH 2008 | REVISED APRIL 2014 | SHEET 2 OF 2 |
| | | DD-848-01 | | |

6 GO, NO GO DEFLECTION
TESTING MANDREL
CHART
NOT TO SCALE



PRECAST MANHOLE



MANHOLE FLOOR PLAN

- General Notes:
- 1) Material for sanitary sewer pipe must be the same from manhole to manhole. Changes in type of pipe may be made only at manholes, or special structures, except as approved by the SAWS inspector.
 - 2) Adaptors and Concrete Collars shall be used as directed and approved by the SAWS inspector.
 - 3) Refer to DD-852-07 for watertight manhole rings and covers.
 - 4) The minimum angle of flow for a connecting sewer to the direction of flow defined by a collection system is 90 degrees, unless approved by the engineer.
 - 5) Contractor can opt to backfill with approved secondary material, subject to provisions of item 304.5.2.C.

| | | | | |
|---|-----------------------------|----------------------|--------------------------|-----------------|
| PROPERTY OF SAN ANTONIO WATER SYSTEM SAN ANTONIO, TEXAS | STANDARD PRECAST MANHOLE | APPROVED May 2013 | REVISED February 2017 | SHEET 1 OF 2 |
| | | DD-852-01 | | |

7 STANDARD
PRECAST MANHOLE
NOT TO SCALE



MAESTAS & ASSOCIATES INC. 11550 I.H. 10 WEST SUITE 300 SAN ANTONIO, TEXAS 78230 (210) 366-1988

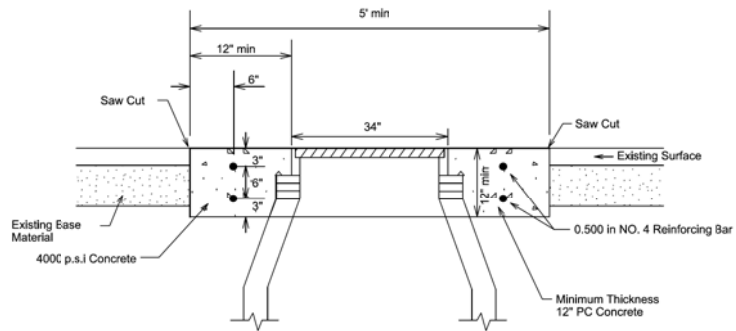
TBPE REGISTRATION No. : F-333

| | | | | |
|--|-----------|----------|----------|-------|
| No. | Revision | Drawn | Approved | Date |
| REVISIONS | | | | |
| | | | | |
| TURTLE CREEK No. 3 SEWER LINE RELOCATION | | | | |
| SANITARY SEWER DETAILS SHEET 2 OF 4 | | | | |
| MAP No. 138612 & 138614 | Compkey | SHEET 12 | | OF 18 |
| SECT. No. | JOB No. | | | |
| DR. CAD | CK. EM/EA | 18-4518 | | |

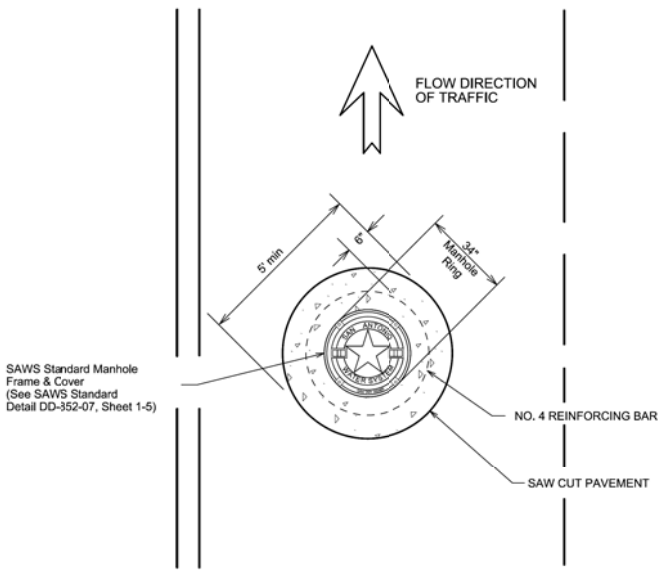
9:07:52 AM

3/20/2018

Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_WO3\UTILITY\WO3-TC-SEW-DET-03.dgn



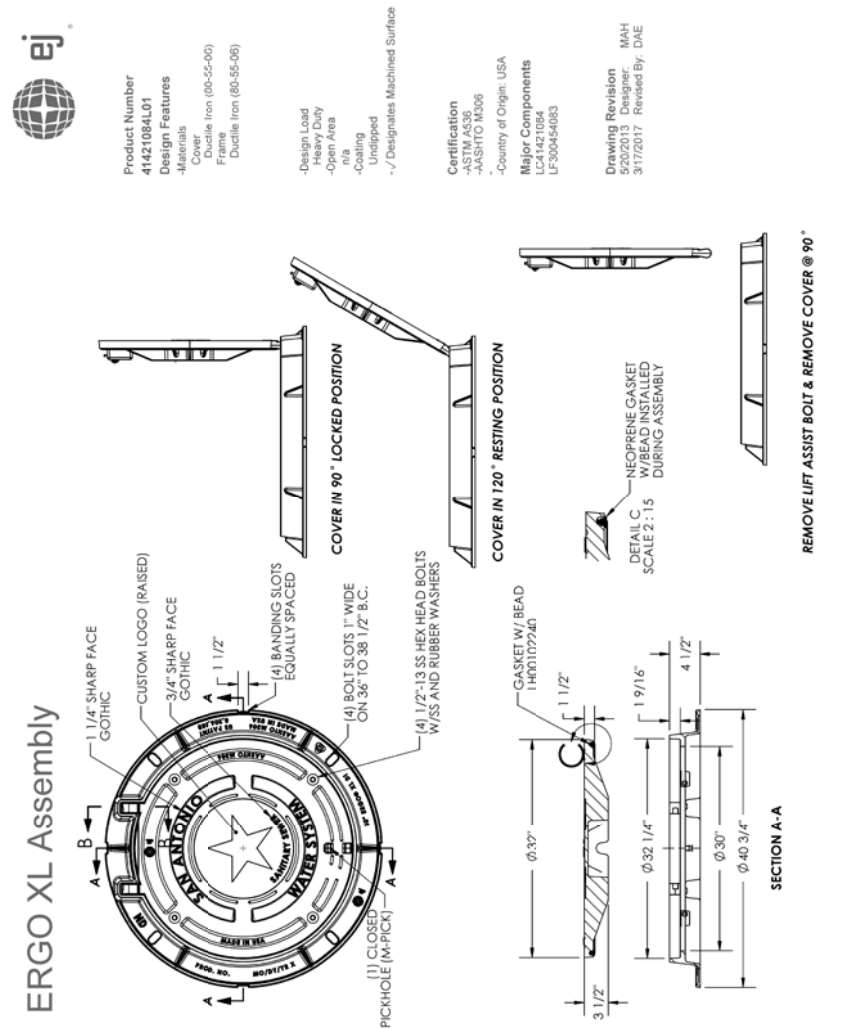
SECTION A-A



NOTE:
 1. The concrete shall be 4000 psi, min, and reinforced with No. 4 bars, as shown.
 2. The concrete shall extend to edge of saw cut pavement.
 3. Manhole Ring Encasement is required on all manholes.

| | | | |
|---|-----------------------------------|-------------|---------------|
| PROPERTY OF SAN ANTONIO WATER SYSTEM SAN ANTONIO, TEXAS | MANHOLE RING ENCASEMENT DETAIL | APPROVED | REVISED |
| | | AUGUST 2009 | FEBRUARY 2017 |
| | | DD-852-03 | SHEET 1 OF 2 |

8 MANHOLE RING
ENCASEMENT DETAIL
NOT TO SCALE

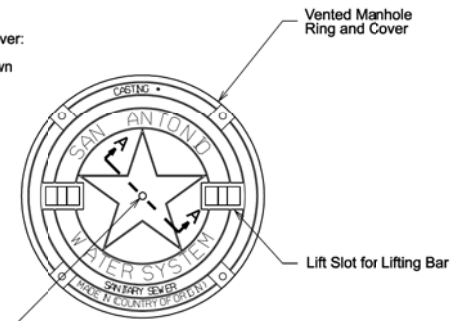


SECTION A-A

| | | | |
|---|----------------------------------|---------------|--------------|
| PROPERTY OF SAN ANTONIO WATER SYSTEM SAN ANTONIO, TEXAS | MANHOLE RING AND COVER DETAIL | APPROVED | REVISED |
| | | February 2017 | |
| | | DD-852-07 | SHEET 3 OF 5 |

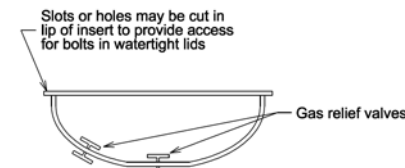
9 MANHOLE RING
AND COVER DETAIL
NOT TO SCALE

Note:
Standard Manhole Ring and Cover.
All applicable dimensions shall conform to the dimensions shown here

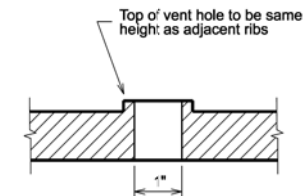


VENTED MANHOLE RING AND COVER

Note:
The bearing surfaces and O-Ring groove shall be Machine ground



WATERTIGHT MANHOLE
INSERT DETAIL



VENT HOLE DETAIL
SECTION A-A

Manhole cover inserts shall be installed in strict accordance with the manufacturer's recommendations. The contractor shall be responsible for making the necessary field measurements for the manufacturer prior to production.

| | | | |
|---|---|--------------|--------------|
| PROPERTY OF SAN ANTONIO WATER SYSTEM SAN ANTONIO, TEXAS | VENTED MANHOLE RING AND COVER DETAIL (WHEN SPECIFIED) | APPROVED | REVISED |
| | | JANUARY 2025 | APRIL 2014 |
| | | DD-852-02 | SHEET 1 OF 1 |

10 VENTED MANHOLE RING
AND COVER DETAIL
NOT TO SCALE



3/20/2018

MAESTAS & ASSOCIATES INC.
 11550 I.H. 10 WEST SUITE 300
 SAN ANTONIO, TEXAS 78230
 TBPE REGISTRATION No. : F-333 (210) 366-1988

| | | | | |
|-----|----------|-------|----------|------|
| No. | Revision | Drawn | Approved | Date |
| | | | | |

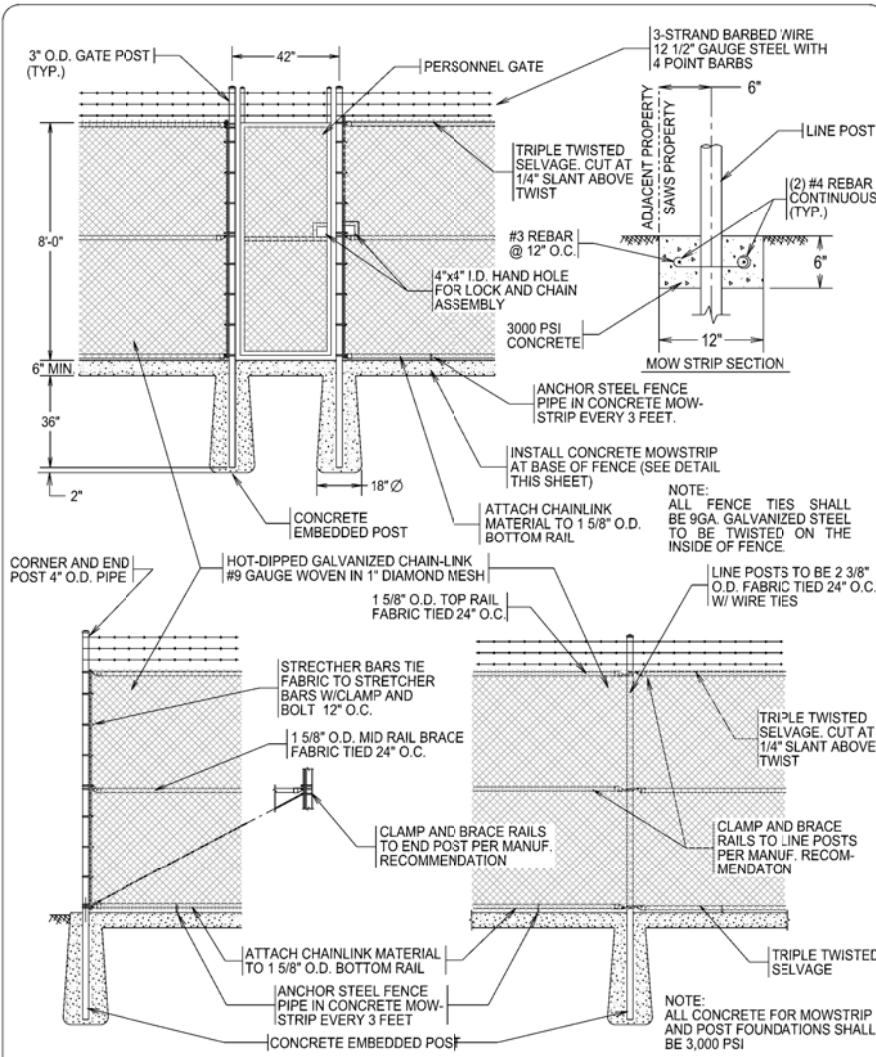
REVISIONS
 TURTLE CREEK No. 3 SEWER LINE RELOCATION
 SANITARY SEWER DETAILS
 SHEET 3 OF 4

| | | |
|-------------------------|---------------------------|----------------|
| MAP No. 138612 & 138614 | Compkey | SHEET 13 OF 18 |
| SECT. No. DR. CAD | JOB No. CK, EM/EA 18-4518 | |

9:08:22 AM

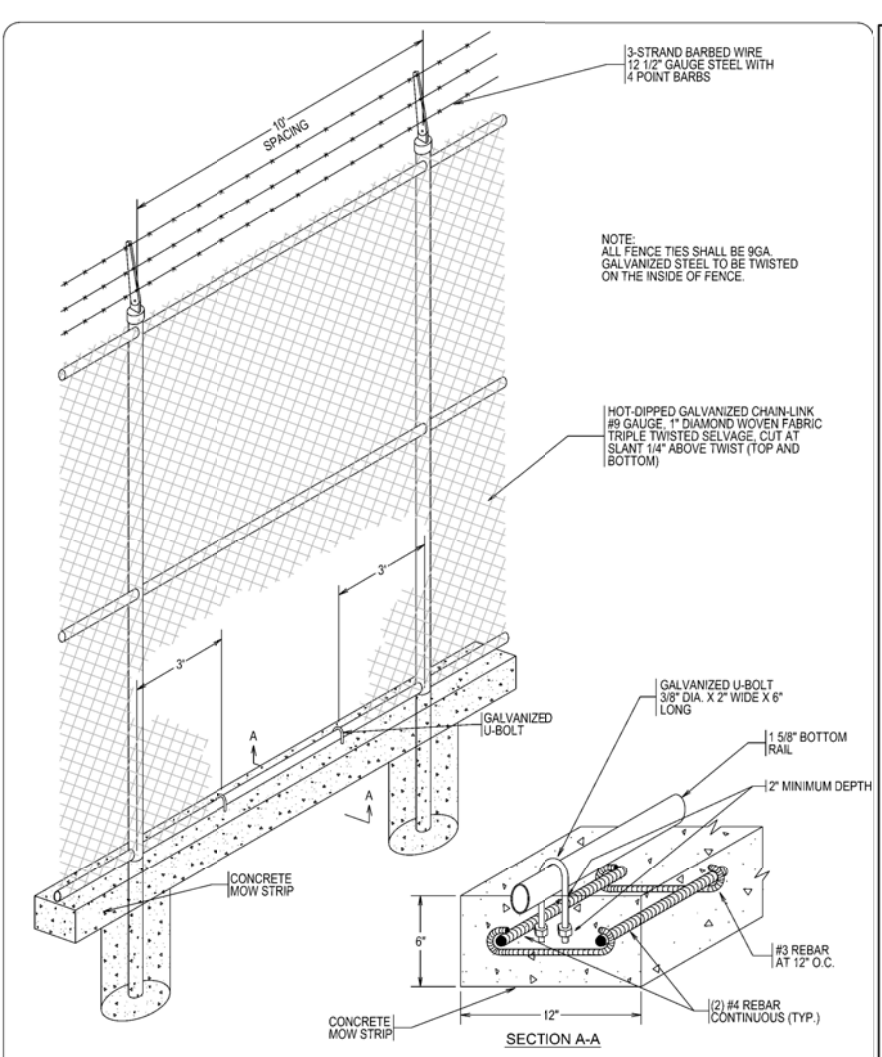
3/20/2018

Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_WO3\UTILITY\WO3-TC-SEW-DET-04.dgn



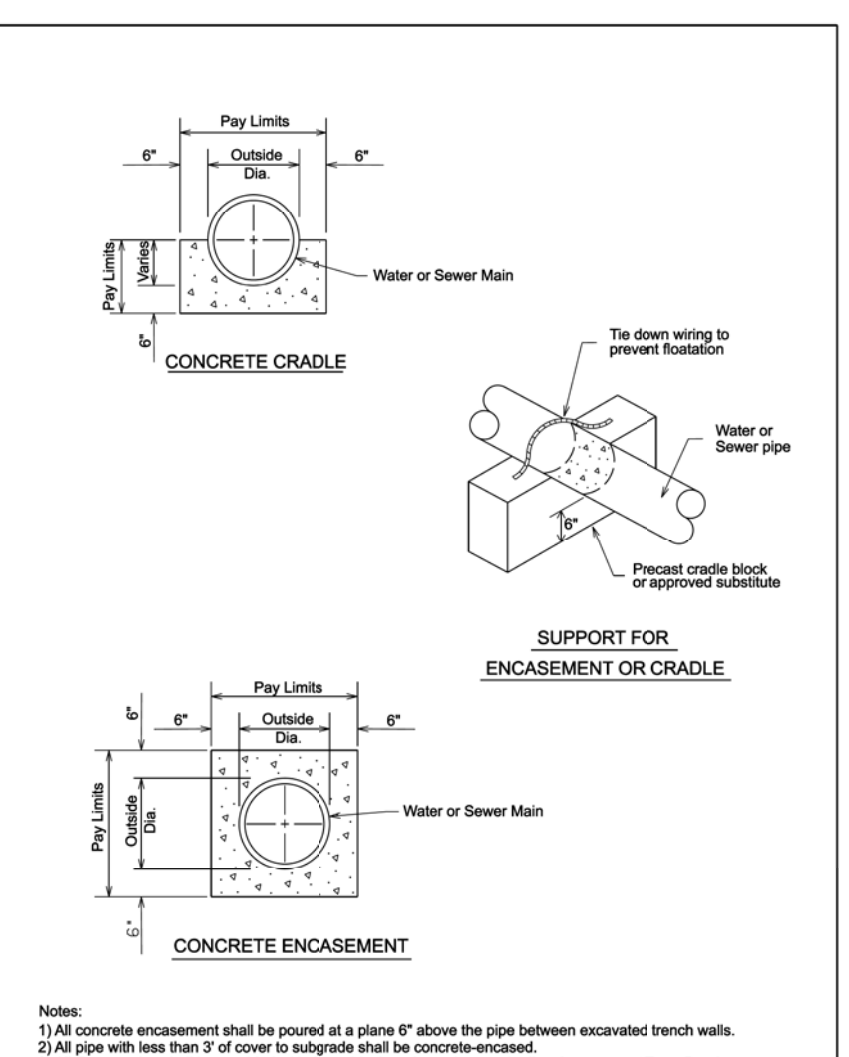
| | | |
|-----------------|--|-------------------------|
| DD-903-17 | SAN ANTONIO WATER SYSTEM SAN ANTONIO, TEXAS | APPROVED: MARCH 2011 |
| SHEET 1 OF 2 | FENCE DETAILS | REVISED: FEB 2017 |

11 FENCE DETAILS
NOT TO SCALE



| | | |
|-----------------|--|-------------------------|
| DD-903-17 | SAN ANTONIO WATER SYSTEM SAN ANTONIO, TEXAS | APPROVED: MARCH 2011 |
| SHEET 2 OF 2 | FENCE DETAILS | REVISED: FEB 2017 |

12 FENCE DETAILS
NOT TO SCALE



| | | | | |
|---|--|------------------------|-----------------------|-----------------|
| PROPERTY OF SAN ANTONIO WATER SYSTEM SAN ANTONIO, TEXAS | TYPICAL CONCRETE ENCASEMENT DETAILS | APPROVED MARCH 2008 | REVISED APRIL 2014 | SHEET 1 OF 1 |
| | | DD-858-01 | | |

13 TYPICAL CONCRETE
ENCASEMENT DETAILS
NOT TO SCALE



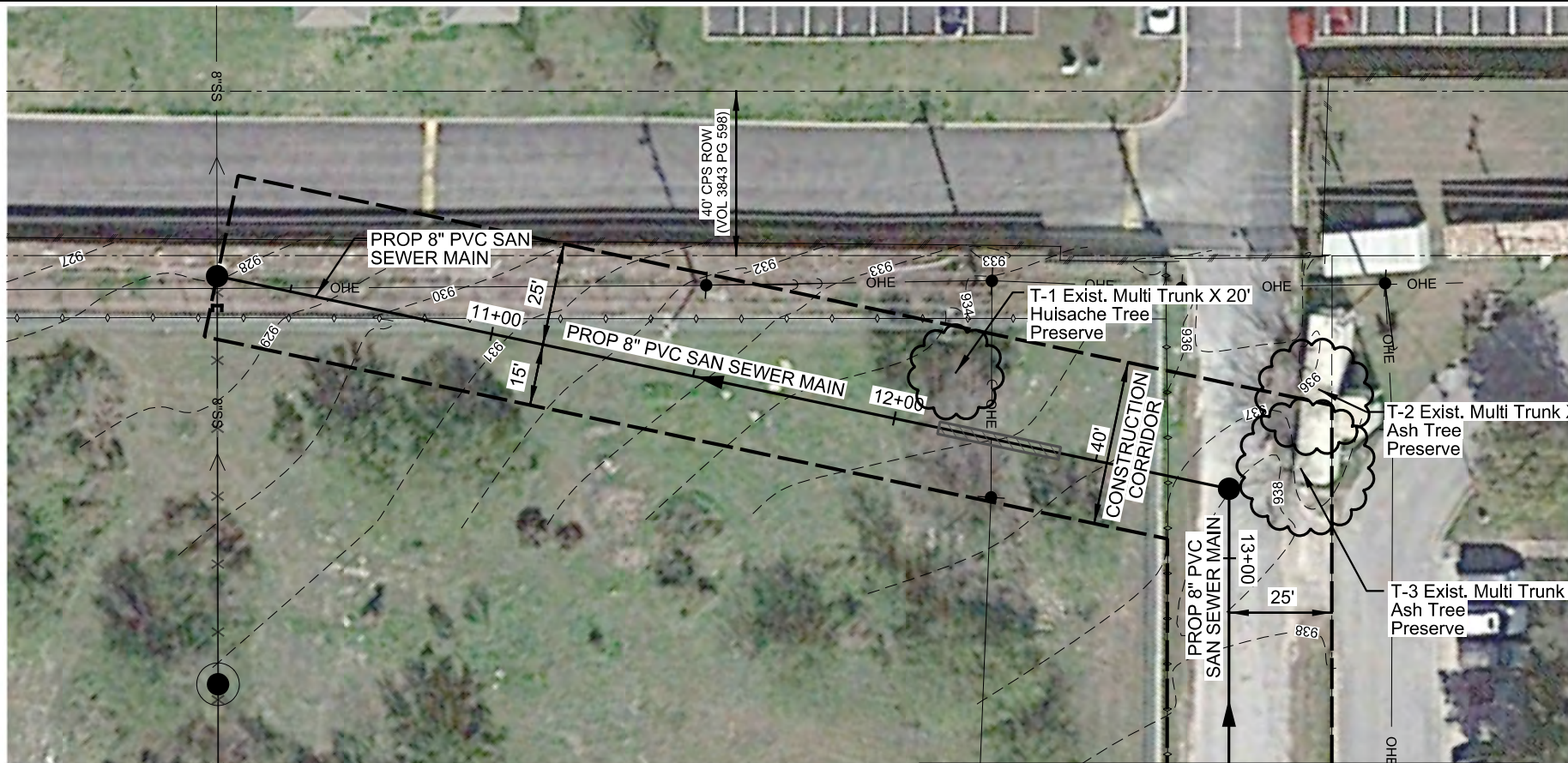
3/20/2018

| | | | | |
|--------------------------------------|--------------------|--|----------|-----------|
| MAESTAS & ASSOCIATES INC. | | 11550 I.H. 10 WEST SUITE 300 SAN ANTONIO, TEXAS 78230 TBPE REGISTRATION No. : F-333 (210) 366-1988 | | |
| No. | Revision | Drawn | Approved | Date |
| REVISIONS | | | | |
| | | TURTLE CREEK No. 3 SEWER LINE RELOCATION SANITARY SEWER DETAILS SHEET 4 OF 4 | | |
| MAP No. 138612 & 138614 | Compkey | SHEET 14 | | DR. CAD |
| SECT. No. | JOB No. 18-4518 | OF 18 | | CK, EM/EA |

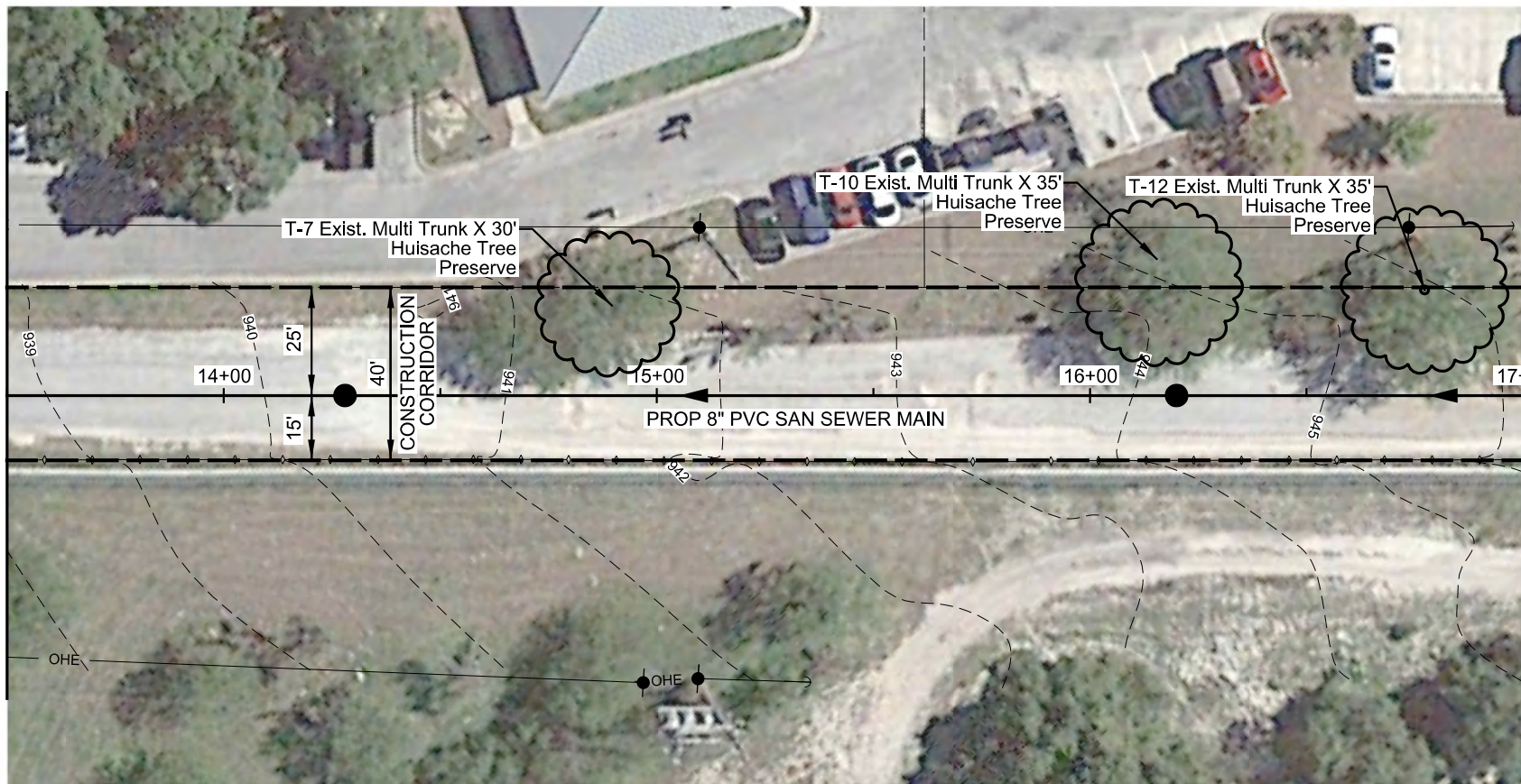
9:08:55 AM

3/20/2018

Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_W03\ENVIRONMENTAL\W03-TC-TREE-PRESERV-01.dgn



MATCHLINE STA. 13+50



MATCHLINE STA. 13+50

MATCHLINE STA. 17+00

SCALE: 1" = 40'

NOTES:

1. NO TREES SHALL BE REMOVED AS PART OF THIS PROJECT.
2. CONTRACTOR SHALL STAY WITHIN 40' CONSTRUCTION CORRIDOR AS SHOWN ON THESE PLANS.
3. CONTRACTOR SHALL COMPLY WITH ALL TREE PRESERVATION PLAN DETAILS (NSPI)
4. CONTRACTOR SHALL NOT DISTURB ANY TREES IN ACCESSING THE PROPOSED STAGING AREA. ACCESS SHALL BE WITHIN THE CONSTRUCTION CORRIDOR. CONTRACTOR SHALL USE THE PROPOSED STAGING AREA FOR THE STORAGE OF SUPPLIES AND MATERIALS.



LEGEND

| | |
|--------------------------------|-----------|
| PROP. SAN SEWER | 8" |
| SANITARY SEWER | 8"SS |
| SANITARY SEWER TO BE ABANDONED | X 8"SS |
| UTILITY POLE LINE | OHE |
| OH ELECTRIC CABLE | OHE |
| EXIST CLEANOUT | O |
| EXIST RIGHT OF WAY | --- |
| PROPERTY LINES | --- |
| CHAINLINK FENCE | ◇ |
| WOOD FENCE | /// |
| WROUGHT IRON FENCE | ○ |
| TREES | ☁ |
| CONSTRUCTION CORRIDOR | --- |
| EXISTING 1 FT CONTOURS | ---XXX--- |

MAESTAS & ASSOCIATES INC.
 11550 I.H. 10 WEST SUITE 360
 SAN ANTONIO, TEXAS 78230
 TBPE REGISTRATION No. : F-333 (210) 366-1988

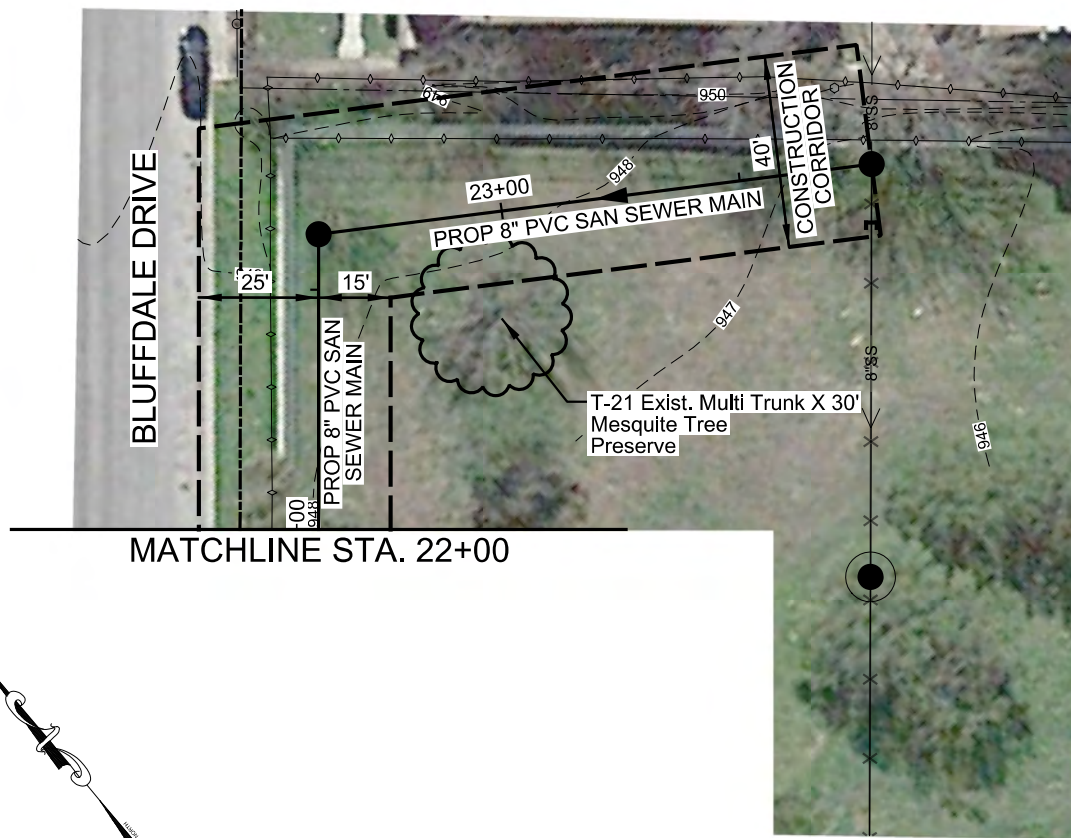
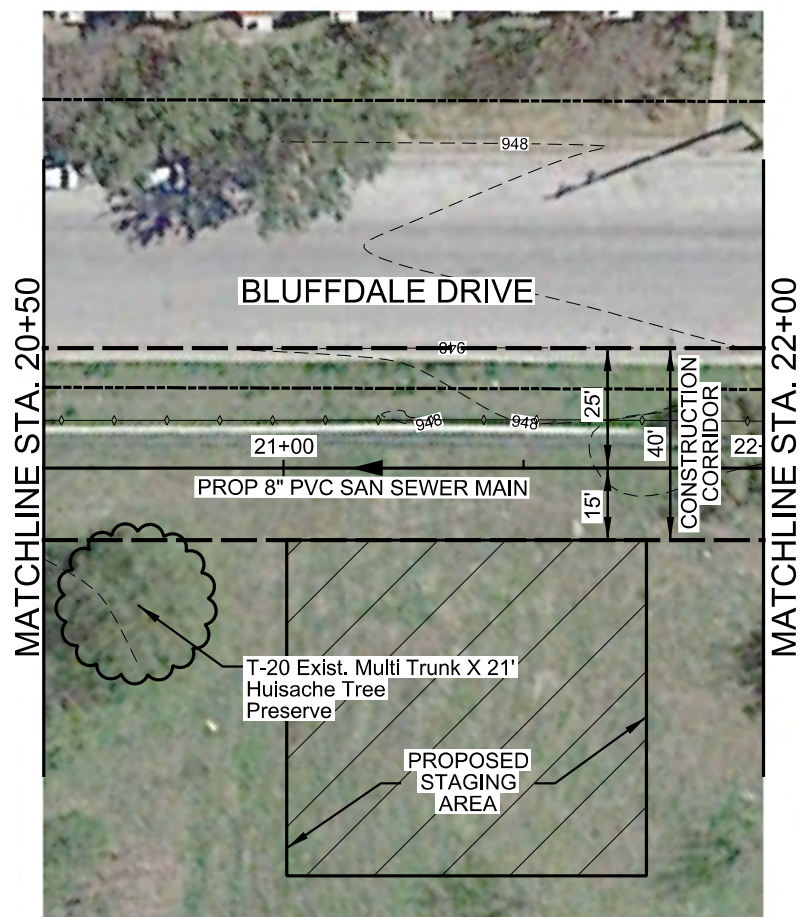
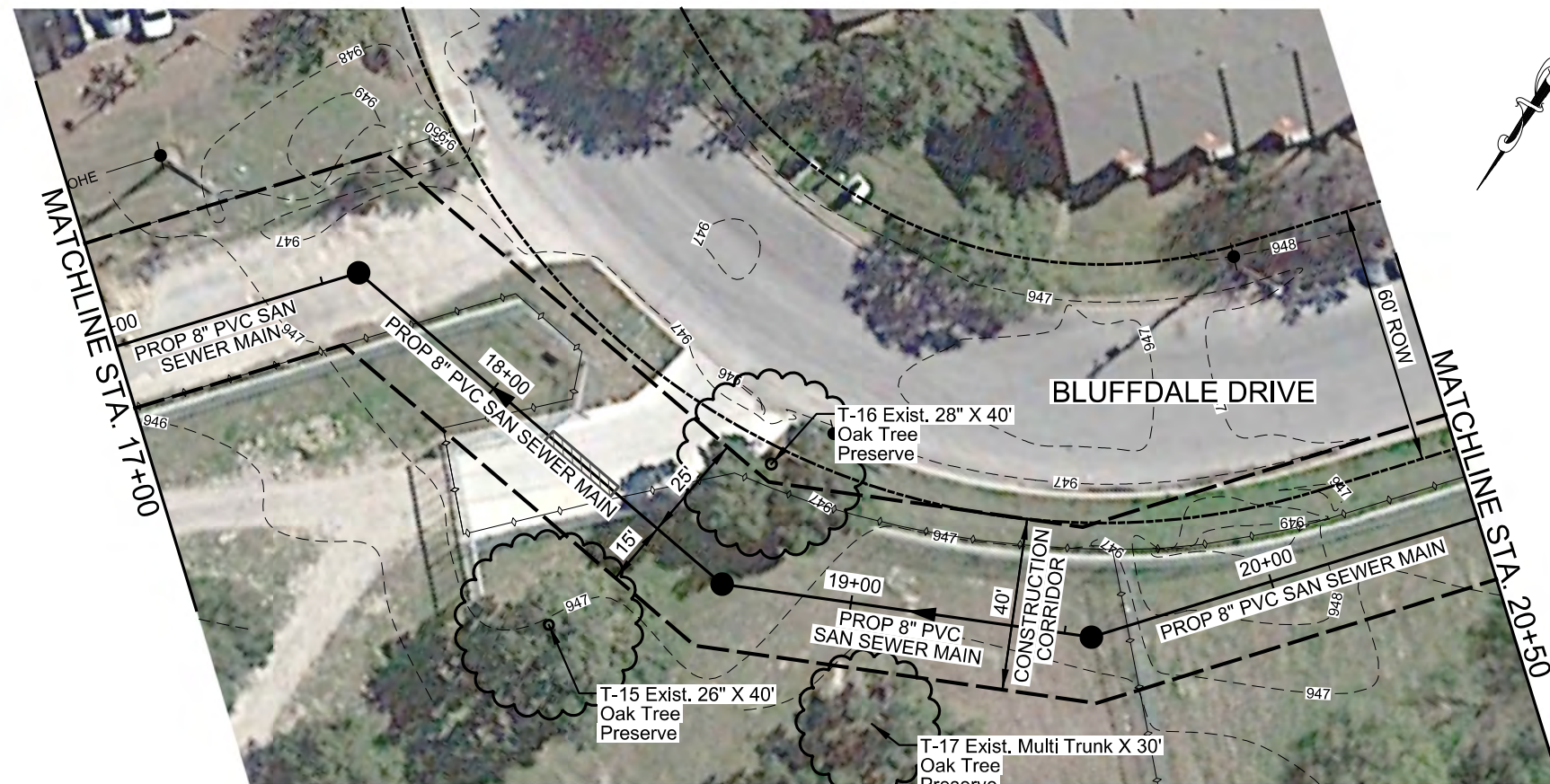
| No. | Revision | Drawn | Approved | Date |
|-----|----------|-------|----------|------|
| | | | | |

| | |
|--|---------------------------|
| REVISIONS | |
| TURTLE CREEK No. 3 SEWER LINE RELOCATION | |
| TREE PRESERVATION PLAN SHEET 1 OF 2 | |
| MAP No. 138612 & 138614 | Compkey |
| SECT. No. DR. CAD | JOB No. CK, EM/EA 18-4518 |
| SHEET 15 OF 18 | |

SCALE: 1" = 40'

NOTES:

1. NO TREES SHALL BE REMOVED AS PART OF THIS PROJECT.
2. CONTRACTOR SHALL STAY WITHIN 40' CONSTRUCTION CORRIDOR AS SHOWN ON THESE PLANS.
3. CONTRACTOR SHALL COMPLY WITH ALL TREE PRESERVATION PLAN DETAILS (NSPI)
4. CONTRACTOR SHALL NOT DISTURB ANY TREES IN ACCESSING THE PROPOSED STAGING AREA. ACCESS SHALL BE WITHIN THE CONSTRUCTION CORRIDOR. CONTRACTOR SHALL USE THE PROPOSED STAGING AREA FOR THE STORAGE OF SUPPLIES AND MATERIALS.



LEGEND

| | |
|--------------------------------|-----------|
| PROP. SAN SEWER | 8" |
| SANITARY SEWER | 8"SS |
| SANITARY SEWER TO BE ABANDONED | X 8"SS |
| UTILITY POLE LINE | ● ● |
| OH ELECTRIC CABLE | OHE |
| EXIST CLEANOUT | ○ |
| EXIST RIGHT OF WAY | --- |
| PROPERTY LINES | --- |
| CHAINLINK FENCE | ◇ ◇ ◇ ◇ |
| WOOD FENCE | /// |
| WROUGHT IRON FENCE | ○ ○ ○ ○ |
| TREES | ☁ |
| CONSTRUCTION CORRIDOR | --- |
| EXISTING 1 FT CONTOURS | ---XXX--- |



MAESTAS & ASSOCIATES INC.
 11550 I.H. 10 WEST SUITE 300
 SAN ANTONIO, TEXAS 78230
 TBPE REGISTRATION No. : F-333 (210) 366-1988

| No. | Revision | Drawn | Approved | Date |
|-----|----------|-------|----------|------|
| | | | | |

REVISIONS

TURTLE CREEK No. 3 SEWER LINE RELOCATION

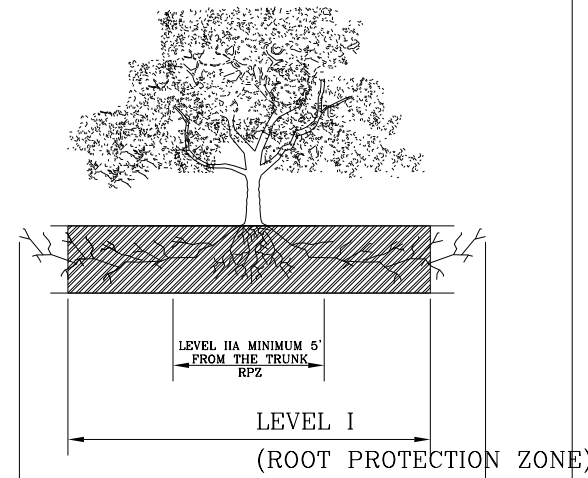
TREE PRESERVATION PLAN SHEET 2 OF 2

| | | |
|-------------------------|-----------|----------|
| MAP No. 138612 & 138614 | Compkey | SHEET 16 |
| SECT. No. | JOB No. | Of 18 |
| DR. CAD | CK. EM/EA | 18-4518 |

9:09:09 AM

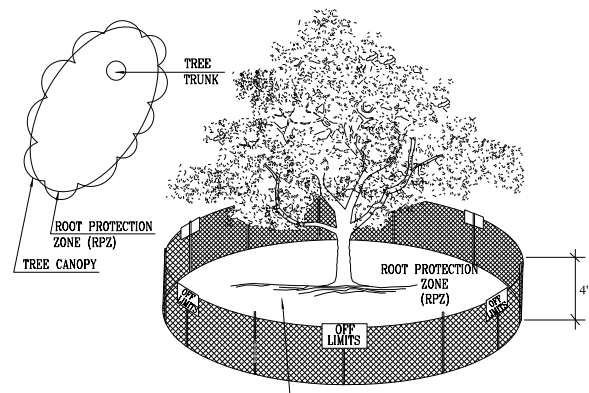
3/20/2018

Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_W03\ENVIRONMENTAL\W03-TC-TREE-PRESERV-02.dgn



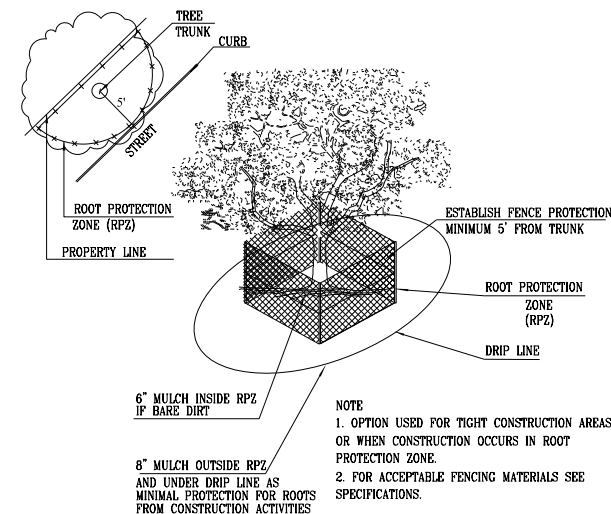
1.1.1 ELEVATION
N. T. S.

ROOT PROTECTION ZONE—THE ROOT PROTECTION ZONE IS A CIRCULAR AREA AROUND A TREE THAT IS BASED ON THE DIAMETER OF THE TREE. EACH 1 INCH DIAMETER OF THE TREE EQUALS 1 FOOT RADIUS FOR ROOT PROTECTION ZONE.



1.1.2 LEVEL I & FENCE PROTECTION
N. T. S.

NOTE:
1. THE FENCING SHOWN ABOVE IS DIAGRAMATIC ONLY AND WILL CONFORM TO THE DRIP LINE AND LIMITED TO PROJECT BOUNDARY.
2. FOR ACCEPTABLE FENCING MATERIALS SEE SPECIFICATIONS.



1.1.3 LEVEL II A FENCE PROTECTION
N. T. S.

NOTE:
1. OPTION USED FOR TIGHT CONSTRUCTION AREAS OR WHEN CONSTRUCTION OCCURS IN ROOT PROTECTION ZONE.
2. FOR ACCEPTABLE FENCING MATERIALS SEE SPECIFICATIONS.

GENERAL NOTES

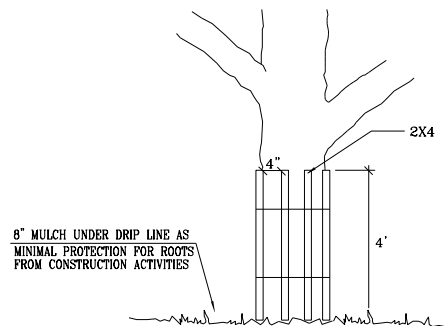
- ALL THE TREES WITH A DIAMETER GREATER THAN 3 INCHES AFFECTED BY CONSTRUCTION SHALL HAVE THE LIMBS AND ROOTS TRIMMED AND PRUNED ACCORDING TO ITEM No. 802. TREE PRUNING, SOIL AMENDING AND FERTILIZATION, UNLESS SPECIFIED TREES SHALL RECEIVE LEVEL 2 PROTECTION AS PER ITEM No. 802. TREES TO RECEIVE LEVEL 1 PROTECTION AS PER ITEM No. 802 ARE SHOWN ON TREE PROTECTION TABLE ON THIS SHEET.
- ALL TREES SHALL REMAIN UNLESS NOTED ON THE PLANS.
- NO SITE PREPARATION WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED AND APPROVED.
- TREE PROTECTION FENCING SHALL BE REQUIRED. TREE PROTECTION FENCING SHALL BE INSTALLED, MAINTAINED AND REPAIRED BY THE CONTRACTOR DURING SITE CONSTRUCTION.
- THE CONTRACTOR SHALL AVOID CUTTING ROOTS LARGER THAN THREE INCHES IN DIAMETER WHEN EXCAVATING NEAR EXISTING TREES. EXCAVATION IN THE VICINITY OF TREES SHALL PROCEED WITH CAUTION. THE CONTRACTOR SHALL CONTACT THE CITY INSPECTOR.
- THE ROOT PROTECTION ZONE IS THAT AREA SURROUNDING A TREE, AS MEASURED BY A RADIUS FROM THE TREE TRUNK, IN WHICH NO EQUIPMENT, VEHICLES OR MATERIALS MAY OPERATE OR BE STORED. THE REQUIRED RADIUS LENGTH IS 1 FOOT PER DIAMETER INCH OF THE TREE. FOR EXAMPLE, A 10-INCH DIAMETER TREE WOULD HAVE A 5-FOOT RADIUS ROOT PROTECTION ZONE AROUND THE TREE. ROOTS OR BRANCHES THAT ARE IN CONFLICT WITH THE CONSTRUCTION SHALL BE CUT CLEANLY ACCORDING TO PROPER PRUNING METHODS. LIVE OAK WOUNDS SHALL BE PAINTED OVER, WITHIN 20 MINUTES TO PREVENT OAK WILT.
- ACCESS TO FENCED AREAS WILL BE PERMITTED ONLY WITH THE APPROVAL OF THE ENGINEER OR CITY INSPECTOR.
- GRADING, IF REQUIRED, SHALL BE LIMITED TO A 3 INCH CUT OR FILL WITHIN THE FENCED ROOT ZONE AREAS.
- TREES, SHRUBS OR BUSHES TO BE CLEARED FROM PROTECTED ROOT ZONE AREAS SHALL BE REMOVED BY HAND AS DIRECTED BY THE PROJECT MANAGER OR CITY INSPECTOR.
- TREES DAMAGED OR LOST DUE TO CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED TO THE ENGINEER'S SATISFACTION.
- EXPOSED ROOTS SHALL BE COVERED AT THE END OF EACH DAY USING TECHNIQUES SUCH AS COVERING WITH SOIL, MULCH OR WET BURLAP.
- ANY TREE REMOVAL SHALL BE APPROVED BY THE CITY ARBORIST PRIOR TO ITS REMOVAL.

1.3 GENERAL NOTES

TREE PROTECTION TABLE

| TREE SHEET # | TREE ID | TREE CANOPY (FT) | TRUNK DIAMETER (IN) | STATION | LOCATION OFFSET (FT) | PROTECTED | REMOVAL |
|--------------|---------|------------------|---------------------|----------|----------------------|-----------|------------------------|
| | | | | | | | SEE GENERAL NOTE No. 2 |
| 1 | T-1 | 20 | 12 | 12+12.69 | 13.75 | YES | NO |
| 1 | T-2 | 25 | 12.5 | 12+83.00 | 30 | YES | NO |
| 1 | T-3 | 30 | 16 | 12+83.00 | 19 | YES | NO |
| 1 | T-7 | 30 | 19 | 14+88.73 | 21.23 | YES | NO |
| 1 | T-10 | 35 | 21.5 | 16+15.96 | 26.12 | YES | NO |
| 1 | T-12 | 35 | 22 | 16+77.26 | 24.4 | YES | NO |
| 2 | T-15 | 40 | 26 | 18+45.42 | 33.33 | HERITAGE | NO |
| 2 | T-16 | 40 | 28 | 18+60.32 | 28.56 | HERITAGE | NO |
| 2 | T-17 | 30 | 16.5 | 19+00.93 | 56.24 | YES | NO |
| 2 | T-20 | 30 | 21 | 20+69.14 | 28.37 | YES | NO |
| 2 | T-21 | 30 | 23 | 22+94.84 | 21.3 | YES | NO |

NOTE: PROJECT NOT IN FLOOD PLAIN ZONE. NO RIPARIAN BUFFER.

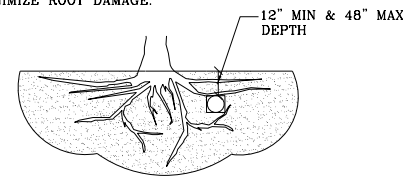


1.1.4 LEVEL II B FENCE PROTECTION
N. T. S.

NOTE:
WRAP TREE TRUNK WITH 2"x4" STUDS AND ROPE OR BAND IN PLACE AS NEEDED TO PROTECT TREES IN WORK AREAS.

TREES THAT ARE MARKED TO BE PRESERVED ON A SITE PLAN AND FOR WHICH UTILITIES MUST PASS THROUGH THEIR ROOT PROTECTION ZONES MAY REQUIRE TUNNELING AS OPPOSED TO OPEN TRENCHES. THE DECISION TO TUNNEL WILL BE DETERMINED ON A CASE BY CASE BASIS BY THE ENGINEER.

TUNNELS SHALL BE DUG THROUGH THE ROOT PROTECTION ZONE IN ORDER TO MINIMIZE ROOT DAMAGE.

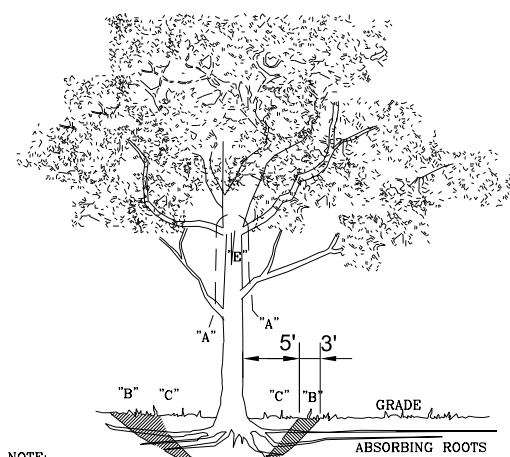


TUNNEL TO MINIMIZE ROOT DAMAGE (TOP) AS OPPOSED TO SURFACE-DUG TRENCHES IN ROOT PROTECTION ZONE WHEN THE 5' MINIMUM DISTANCE FROM TRUNK CAN NOT BE ACHIEVED.



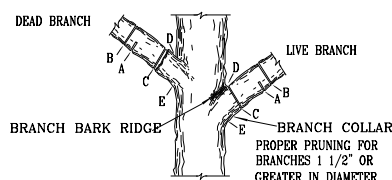
OPEN TRENCHING MAY BE USED IF EXPOSED TREE ROOTS DO NOT EXCEED 3" OR ROOTS CAN BE BENT BACK.

1.2 BORING THRU TREE ROOT ZONE
N. T. S.



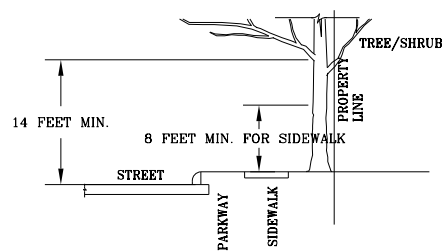
NOTE:
A" REMOVE BULKY TREE PARTS "SHRED" AND/OR HAUL SEPARATELY.
"B" BEGIN EXCAVATION APPROX. 8' FROM THE TRUNK - CUT THRU ANCHOR ROOTS AT AN ANGLE - 3' TO 4' DEEP
"C" USING TREE TRUNK AS A LEVER PUSH AT POINT "E" TO REMOVE TREE BOLE AND LARGE FEEDER ROOTS (4" TO 10" IN DIAM.)
"D" BACKFILL HOLE AND CLEAN UP.

1.3 TREE REMOVAL DIAGRAM
N. T. S.



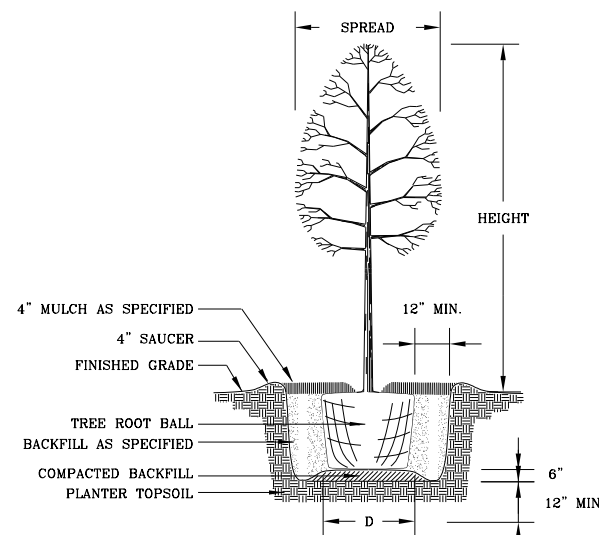
1.4 BRANCH PRUNING DETAIL
N. T. S.

NOTE: DO NOT CUT FROM D TO E.
A. FIRST CUT - TO PREVENT THE BARK FROM BEING PEELED WHEN THE BRANCH FALLS.
B. SECOND CUT - TO REDUCE THE WEIGHT OF BRANCH.
C. FINAL CUT - ALLOW FOR HEALING COLLAR BUT NO STUBS
D. BRANCH RIDGES - INDENT PROPERLY BRANCH RIDGES WHICH ARE SITE FOR DECAY.
FOR OAKS ONLY: PAINT ALL WOUNDS OR CUTS WITH PRUNING PAINT WITHIN 20 MIN TO PREVENT THE SPREAD OF OAK WILT.



1.5 BRANCH CLEARANCE DETAIL
N. T. S.

FIGURE No.2:
A MINIMUM BRANCH CLEARANCE OF 14 FEET ABOVE STREET ELEVATION MUST BE MAINTAINED FROM THE PROPERTY LINE TO THE CURB LINE AS PRESCRIBED BY PROJECT MANAGER.



1.6 NEW TREE PLANTING DETAIL
N. T. S.

1.3 TREE PROTECTION TABLE

| TREE INVENTORY SUMMARY (8" DIAMETER AND LARGER) | |
|--|------|
| TOTAL DIAMETER INCHES ROW | 218 |
| TOTAL DIAMETER INCHES REMOVE | 0 |
| TOTAL DIAMETER INCHES PRESERVED | 218 |
| TOTAL PERSENTAGE INCHES PRESERVED | 100% |
| TOTAL INCHES TO BE MITIGATED | 0 |

1.3 TREE INVENTORY SUMMARY

PREPARED BY: FERNANDEZ PRAZER WHITE & ASSOC. INC. & C. F. ZAVALA GROUP

CITY OF SAN ANTONIO



DEPARTMENT OF PUBLIC WORKS

CITY OF SAN ANTONIO
TREE PROTECTION DETAILS

TREE PRESERVATION

| DESIGNED: | FED. RD. DIV. NO. | STATE | SHT. NO. |
|-----------|-------------------|--------|-------------|
| CHECKED: | | TEXAS | 1 OF 4 |
| DRAWN: | STATE DIST. NO. | COUNTY | CONTROL NO. |
| CHECKED: | | BEAR | |

General Comments and Information:

1. **35-523 (p) Public Projects.** Municipal and utility entities shall obtain a tree permit before any vegetation is removed or new construction activity takes place. Special attention will be given to the preservation of trees in public rights-of-way that are to help satisfy the objectives of the streetscape planting standards of this article (section 35-512). The city arborist shall approve an application for the reasonable removal of a protected tree in connection with construction, maintenance or repair of public facilities in or above a public street, alley, rights-of-way, easement or other public land.
2. Prior to the start of work, call 207-1111 to schedule a pre-construction and fencing inspection. [Sec. 35-477 (5) (c)]
3. 35-477 (h) Amendments. Notification and approval of the city arborist are required if changes need to be made to an approved tree preservation plan. Approval of the changes must be received from the city arborist, in writing, before commencement of any work that is the subject of the change or field adjustment. Failure to comply with these requirements may result in a Stop Work Order, a penalty of \$2000.00, or both. Contractor is responsible for providing a licensed Tree Maintenance Professional throughout the project per City of San Antonio Ordinance Article VIII Sec. 21-171.
4. Tree survey and inventory shall be included with trees to be preserved/removed and show how mitigation will be met on the Tree Preservation Plan sheets.
5. Tree roots shall be cut with a saw prior to excavation with equipment.
6. **35-477 (j)** It shall be the responsibility of the permit holder to maintain a copy of the tree permit, the data and drawings required by this section, and the conditions of approval imposed by the City Arborist readily available at the site at all times during which the authorized work is in progress.
7. **35-523 (k) (4)** All broken branches & exposed roots 2" in diameter or greater of Significant, Heritage or mitigation trees shall be cut cleanly
8. Staging, Parking, Storage, Employee Parking, etc.:
 - a) All construction access and staging areas will need to be surveyed and associated tree impacts will need to be accounted for in the preservation plan.
 - b) Staging, parking, and material storage areas and project limits of clearance must be discussed and approved with the inspector during the pre-construction/fencing inspection.
 - c) 35-523 (k) (5) All offsite staging, storage, project trailers, employee parking, etc. are required to obtain and comply with a Temporary Uses Certificate of Occupancy.
9. **21-170 (b)** All wounds to the trunk, limbs, and root system of oak trees in the city that expose sapwood shall be painted within 30 min. of the wound with asphaltic, exterior oil or latex based paint.
10. **35-523 (j) (1) Root Protection Zone:**
 - a) A root protection zone must be established around the trunk of each tree preserved or mitigation tree. The root protection zone shall be an area defined by an average radius extending outward from the trunk of the tree a distance of one (1) linear foot for each inch (DBH).
 - b) The root protection zone area shall be preserved at natural grade, with natural groundcover.
 - c) No cutting, filling, trenching, root disturbance, soil disturbance, or construction impacts shall occur closer to the trunk than one-half (1/2) the root protection zone radius except in parking areas where approved alternative materials and methods are used, construction may be as close as five (5) feet from the root flares on one (1) side of the tree. The impervious cover may encroach within the root protection zone if said encroachment is approved by the city arborist.
 - d) Filling shall be allowed to accomplish water conservation goals established by the City of San Antonio or by a public utility.
11. **Tree Planting and Maintenance:** All preserved and planted trees shall be maintained in a healthy condition at all times. This includes irrigating, fertilizing, pruning, and other maintenance as needed. Trees that die within twelve months shall be replaced with a tree of comparable size and species. Regarding replacement of preserved trees, significant trees shall be replaced at a 1:1 ratio (or inch-for-inch) and heritage trees shall be replaced at a 3:1 ratio (or three-to-one inches).



| | | | | | | | | | | | |
|--|-----------|----------|----------|-------|----------|------|--|--|--|--|--|
| MAESTAS & ASSOCIATES INC. <small>11550 I.H. 10 WEST SUITE 350 SAN ANTONIO, TEXAS 78230 TBPE REGISTRATION No. : F-333 (210) 366-1988</small> | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">No.</td> <td style="width: 25%;">Revision</td> <td style="width: 25%;">Drawn</td> <td style="width: 25%;">Approved</td> <td style="width: 25%;">Date</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> | | No. | Revision | Drawn | Approved | Date | | | | | |
| No. | Revision | Drawn | Approved | Date | | | | | | | |
| | | | | | | | | | | | |
| TURTLE CREEK No. 3 SEWER LINE RELOCATION TREE PRESERVATION GENERAL NOTES | | | | | | | | | | | |
| MAP No. 138612 & 138614 | Compkey | SHEET 18 | | | | | | | | | |
| SECT. No. | JOB No. | OF 18 | | | | | | | | | |
| DR. CAD | CK. EM/EA | 18-4518 | | | | | | | | | |

9:09:29 AM

3/20/2018

Z:\Projects\Turtle_Creek_San_Sewer_Prod_IDIQ_WO3\ENVIRONMENTAL\WO3-TC-TREE-GEN-NITS-01.dgn

General Decision Number: TX180280 03/23/2018 TX280

Superseded General Decision Number: TX20170280

State: Texas

Construction Type: Building

County: Bexar County in Texas.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.35 for calendar year 2018 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

| Modification Number | Publication Date |
|---------------------|------------------|
| 0 | 01/05/2018 |
| 1 | 01/12/2018 |
| 2 | 03/23/2018 |

* ASBE0087-014 01/01/2018

| | Rates | Fringes |
|---|----------|---------|
| ASBESTOS WORKER/HEAT & FROST INSULATOR (Duct, Pipe and Mechanical System Insulation)..... | \$ 22.72 | 10.02 |

BOIL0074-003 01/01/2017

| | Rates | Fringes |
|------------------|----------|---------|
| BOILERMAKER..... | \$ 28.00 | 22.35 |

ELEC0060-003 06/01/2016

| | Rates | Fringes |
|--|----------|---------|
| ELECTRICIAN (Communication Technician Only)..... | \$ 21.57 | 9%+4.65 |

ELEC0060-004 06/01/2017

| | Rates | Fringes |
|--|----------|----------|
| ELECTRICIAN (Excludes Low Voltage Wiring)..... | \$ 27.90 | 16%+4.85 |

ELEV0081-001 01/01/2018

| | Rates | Fringes |
|------------------------|----------|------------|
| ELEVATOR MECHANIC..... | \$ 39.32 | 32.645+a+b |

FOOTNOTES:

A. 6% under 5 years based on regular hourly rate for all hours worked. 8% over 5 years based on regular hourly rate for all hours worked.

B. Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Friday after Thanksgiving Day; Christmas Day; and Veterans Day.

ENGI0450-002 04/01/2014

| | Rates | Fringes |
|---|----------|---------|
| POWER EQUIPMENT OPERATOR Cranes..... | \$ 34.85 | 9.85 |

IRON0066-013 06/01/2017

| | Rates | Fringes |
|-----------------------------|----------|---------|
| IRONWORKER, STRUCTURAL..... | \$ 21.55 | 6.73 |

IRON0084-011 06/01/2017

| | Rates | Fringes |
|-----------------------------|----------|---------|
| IRONWORKER, ORNAMENTAL..... | \$ 23.27 | 7.12 |

PLUM0142-009 07/01/2017

| | Rates | Fringes |
|--|----------|---------|
| HVAC MECHANIC (HVAC Electrical Temperature Control Installation Only)..... | \$ 30.25 | 11.80 |
| HVAC MECHANIC (HVAC Unit Installation Only)..... | \$ 30.25 | 11.80 |
| PIPEFITTER (Including HVAC Pipe Installation)..... | \$ 30.25 | 11.80 |
| PLUMBER (Excludes HVAC Pipe Installation)..... | \$ 30.25 | 11.80 |

SFTX0669-002 04/01/2017

| | Rates | Fringes |
|---|----------|---------|
| SPRINKLER FITTER (Fire Sprinklers)..... | \$ 29.03 | 15.84 |

SHEE0067-004 04/01/2017

| | Rates | Fringes |
|---|----------|---------|
| Sheet metal worker Excludes HVAC Duct Installation..... | \$ 26.10 | 15.25 |
| HVAC Duct Installation Only. | \$ 26.10 | 15.25 |

SUTX2014-006 07/21/2014

| | Rates | Fringes |
|---|----------|---------|
| BRICKLAYER..... | \$ 22.15 | 0.00 |
| CARPENTER (Acoustical Ceiling Installation Only)..... | \$ 17.83 | 0.00 |
| CARPENTER (Form Work Only)..... | \$ 13.63 | 0.00 |
| CARPENTER, Excludes Acoustical Ceiling Installation, Drywall Hanging, Form Work, and Metal Stud Installation..... | \$ 16.86 | 4.17 |
| CAULKER..... | \$ 15.00 | 0.00 |
| CEMENT MASON/CONCRETE FINISHER... | \$ 22.27 | 5.30 |
| DRYWALL FINISHER/TAPER..... | \$ 13.81 | 0.00 |
| DRYWALL HANGER AND METAL STUD INSTALLER..... | \$ 15.18 | 0.00 |
| ELECTRICIAN (Low Voltage Wiring Only)..... | \$ 20.39 | 3.04 |
| IRONWORKER, REINFORCING..... | \$ 12.27 | 0.00 |
| LABORER: Common or General..... | \$ 10.75 | 0.00 |
| LABORER: Mason Tender - Brick... | \$ 11.88 | 0.00 |
| LABORER: Mason Tender - Cement/Concrete..... | \$ 12.00 | 0.00 |
| LABORER: Pipelayer..... | \$ 11.00 | 0.00 |
| LABORER: Roof Tearoff..... | \$ 11.28 | 0.00 |

| | | |
|---|----------|------|
| LABORER: Landscape and Irrigation..... | \$ 8.00 | 0.00 |
| OPERATOR: Backhoe/Excavator/Trackhoe..... | \$ 15.98 | 0.00 |
| OPERATOR: Bobcat/Skid Steer/Skid Loader..... | \$ 14.00 | 0.00 |
| OPERATOR: Bulldozer..... | \$ 14.00 | 0.00 |
| OPERATOR: Drill..... | \$ 14.50 | 0.00 |
| OPERATOR: Forklift..... | \$ 12.50 | 0.00 |
| OPERATOR: Grader/Blade..... | \$ 23.00 | 5.07 |
| OPERATOR: Loader..... | \$ 12.79 | 0.00 |
| OPERATOR: Mechanic..... | \$ 18.75 | 5.12 |
| OPERATOR: Paver (Asphalt, Aggregate, and Concrete)..... | \$ 16.03 | 0.00 |
| OPERATOR: Roller..... | \$ 12.00 | 0.00 |
| PAINTER (Brush, Roller and Spray), Excludes Drywall Finishing/Taping..... | \$ 13.07 | 0.00 |
| ROOFER..... | \$ 12.00 | 0.00 |
| TILE FINISHER..... | \$ 11.32 | 0.00 |
| TILE SETTER..... | \$ 14.94 | 0.00 |
| TRUCK DRIVER: Dump Truck..... | \$ 12.39 | 1.18 |
| TRUCK DRIVER: Flatbed Truck..... | \$ 19.65 | 8.57 |
| TRUCK DRIVER: Semi-Trailer Truck..... | \$ 12.50 | 0.00 |
| TRUCK DRIVER: Water Truck..... | \$ 12.00 | 4.11 |

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

=====

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave
for Federal Contractors applies to all contracts subject to the
Davis-Bacon Act for which the contract is awarded (and any
solicitation was issued) on or after January 1, 2017. If this
contract is covered by the EO, the contractor must provide

employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that

classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION