

PUBLIC NOTICE

AGENDA

LOCKHART CITY COUNCIL

TUESDAY, JANUARY 21, 2020

**CLARK LIBRARY ANNEX-COUNCIL CHAMBERS
217 SOUTH MAIN STREET, 3rd FLOOR
LOCKHART, TEXAS**

6:30 P.M.

WORK SESSION (No Action)

Work session will be held to receive briefings and to initially discuss all items contained on the Agenda posted for 7:30 p.m. Generally, this work session is to simplify issues as it relates to the agenda items. No vote will be taken on any issue discussed or reviewed during the work session.

PRESENTATION ONLY

- A. Presentation by the Lockhart Junior High School Robotics Team, *The LEGO Lunas*, regarding public safety measures during flash floods. 4

DISCUSSION ONLY

- A. Presentation of the City of Lockhart 2019 Annual Report. 5-20
- B. Discuss Resolution 2020-02 authorizing signors in connection with the 2019 Texas Department of Agriculture (TDA) Community Development Block Grant (CDBG) Project #7219231 documents. 21-23
- C. Discuss Resolution 2020-03 authorizing the approval of the following documents, policies, procedures and proclamation associated with the Texas Department of Agriculture (TDA) Community Development Block Grant (CDBG) Project 7219231 as required by the Civil Rights requirements of Title I of the Housing and Community Development Act and Fair Housing law: 24-38
1. Citizen Participation Plan and Grievance Procedures;
 2. Section 3 Policy;
 3. Excessive Force Policy;
 4. Fair Housing Proclamation;
 5. Limited English Proficiency Plan;
 6. Section 504 Policy and Grievance Procedures; and,
 7. Code of Conduct.
- D. Discuss the 1st Quarter Fiscal Year 2020 Investment Report. 39-48
- E. Discuss the submission of a Community Development Partnership Program (CDPP) Grant application to the Lower Colorado River Authority (LCRA) and authorizing the Mayor to act as the City's executive officer and authorized representative in all matters pertaining to the City's participation in the Community Development Partnership Program (CDPP). 49-67
- F. Discuss Ordinance 2020-01 repealing Ordinance 02-50, in its entirety, repealing associated Construction Standards previously adopted and establishing and adopting new Construction Standards. 68-187

7:30 P.M. REGULAR MEETING

1. CALL TO ORDER

Mayor Lew White

2. INVOCATION, PLEDGE OF ALLEGIANCE

Invocation.

Pledge of Allegiance to the United States and Texas flags.

3. PUBLIC COMMENT

(The purpose of this item is to allow the public an opportunity to address the City Council on issues that are or are not on the agenda. No discussion can be carried out on the citizen/visitor comment about items not on the agenda.)

4. PRESENTATION

A. Presentation of the City of Lockhart 2019 Annual Report.

5-20

5. CONSENT AGENDA

A. Approve Resolution 2020-02 authorizing signors in connection with the 2019 Texas Department of Agriculture (TDA) Community Development Block Grant (CDBG) Project #7219231 documents.

21-23

B. Approve Resolution 2020-03 authorizing the approval of the following documents, policies, procedures and proclamation associated with the Texas Department of Agriculture (TDA) Community Development Block Grant (CDBG) Project 7219231 as required by the Civil Rights requirements of Title I of the Housing and Community Development Act and Fair Housing law:

24-38

1. Citizen Participation Plan and Grievance Procedures;
2. Section 3 Policy;
3. Excessive Force Policy;
4. Fair Housing Proclamation;
5. Limited English Proficiency Plan;
6. Section 504 Policy and Grievance Procedures; and,
7. Code of Conduct.

C. Accept the 1st Quarter Fiscal Year 2020 Investment Report.

39-48

D. Authorize the submission of a Community Development Partnership Program (CDPP) Grant application to the Lower Colorado River Authority (LCRA) and authorizing the Mayor to act as the City's executive officer and authorized representative in all matters pertaining to the City's participation in the Community Development Partnership Program (CDPP).

49-67

6. DISCUSSION/ACTION ITEMS

A. Discussion and/or action to consider Ordinance 2020-01 repealing Ordinance 02-50, in its entirety, repealing associated Construction Standards previously adopted and establishing and adopting new Construction Standards.

68-187

B. Discussion and/or action regarding appointments to various boards, commissions or committees.

188-205

7. CITY MANAGER'S REPORT, PRESENTATION AND POSSIBLE DISCUSSION

- Fiscal Year 2019-2020 Budget Update – First Quarter Period.
- Updates by the Guadalupe-Blanco River Authority regarding Wastewater permit renewals:
 - Lockhart - Larremore facility - comments on the draft permit were submitted to TCEQ on December 9, 2019.
 - Lockhart - FM 20 facility – under technical review with TCEQ. GBRA is waiting to receive a draft permit.
 - Both permits expire on February 1, 2020. However, the current permits will remain valid until the new permits are issued.
 - Once the approved draft permits are received by TCEQ, a 2nd notice will be published in newspapers giving the public 30 days to make comments. The permits will be issued after the 30-day public comment period.
- Library Updates:
 - January 16 - Friends of the Library Annual Meeting.
 - January 27 - AARP Tax Aid Registration begins.
 - January 28, - Evenings with the Songwriter special guest Leeann Atherton.
 - March 12 - Preparations for a college fair.
- Police Officer entrance exam was held Saturday, January 11, 2020 resulting in one candidate. The next Police Officer exam is scheduled for Saturday, February 29, 2020. Police staff will be traveling to area police academies to recruit.
- Public Works Updates:
 - City staff is about 95% laying the 12" water main along FM 1322. Staff will complete the project when the weather clears up.
 - The third section of the pedestal for the new elevated water tower located at FM 2001 and SH 130 has been completed. The project will be completed by October 2020.
 - Contractors have been mobilizing on the Booster Pump project at the Maple Street Elevated Water Tower. The new booster pumps will transfer water to the new water tower being constructed.
 - Contractors are nearly complete with the electrical upgrade at the Lockhart Water Plant. Power will be transferred over to the remaining control panels this week.
 - The 9-shade structures for the various parks are installed and the new playscapes at Nueces Park, City Park and Lions Park are complete. The Sports-themed playscape should arrive at the sports complex soon.
 - The new fuel terminal from the Airport has arrived and will be installed on January 21st. The City of Lockhart received a grant from TxDOT that covers 50% of the improvement.

8. COUNCIL AND STAFF COMMENTS – ITEMS OF COMMUNITY INTEREST

*(**Items of Community Interest defined below)*

9. ADJOURNMENT

City Council shall have the right at anytime to seek legal advice in Executive Session from its Attorney on any agenda item, whether posted for Executive Session or not.

Posted on the bulletin board in the Municipal Building, 308 West San Antonio Street, Lockhart, Texas, on the 16th day of January 2020 at 4:15pm.

City of Lockhart, Texas

Council Agenda Item Briefing Data

COUNCIL MEETING DATE: January 21, 2020

AGENDA ITEM CAPTION:

Presentation by the Lockhart Junior High School Robotics Team, *The LEGO Lunas*, regarding public safety measures during flash floods.

ORIGINATING DEPARTMENT AND CONTACT: Steve Lewis, City Manager

ACTION REQUESTED:

- ORDINANCE RESOLUTION CHANGE ORDER AGREEMENT
 APPROVAL OF BID AWARD OF CONTRACT CONSENSUS OTHER

BACKGROUND/SUMMARY/DISCUSSION:

The Lockhart Junior High Robotics Team, *The LEGO Lunas*, has been working on creating a device to be used as a public safety measure during flash floods.

Chi Rocha, LISD Junior High Robotics Teacher announced that the Team has entered a Robotics contest and as part of the competition rules, the Team is required to present their solution or device to be used during flash floods to stakeholders. The Team elected to present their device to the Lockhart City Council.

PROJECT SCHEDULE (if applicable): N/A

AMOUNT & SOURCE OF FUNDING:

Funds Required: N/A
Account Number: N/A
Funds Available: N/A
Account Name: N/A

Finance Review initials _____

FISCAL NOTE (if applicable):

Previous Council Action: None.

COMMITTEE/BOARD/COMMISSION ACTION: None.

STAFF RECOMMENDATION/REQUESTED MOTION: None.

LIST OF SUPPORTING DOCUMENTS: None.

Department Head initials:

City Manager's Review:

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City of Lockhart, Texas

Council Agenda Item Briefing Data

COUNCIL MEETING DATE: January 21, 2019

AGENDA ITEM CAPTION: Presentation of the City of Lockhart 2019 Annual Report

ORIGINATING DEPARTMENT AND CONTACT: Administration, City Manager Steven Lewis,
512-398-3461

ACTION REQUESTED:

- ORDINANCE RESOLUTION CHANGE ORDER AGREEMENT
 APPROVAL OF BID AWARD OF CONTRACT CONSENSUS OTHER

BACKGROUND/SUMMARY/DISCUSSION:

The City of Lockhart has prepared a report that summarizes accomplishments made during the 2019 calendar year. The report is intended to give citizens and other interested parties information about the city's activities in the last 12 months. The 2019 Annual Report titled "Courting Progress" is a way for the city's many departments to highlight how they make Lockhart a better place to live and increase awareness of how their work contributed to strides made in the past year.

PROJECT SCHEDULE (if applicable): N/A

AMOUNT & SOURCE OF FUNDING:

Funds Required: N/A
Account Number: N/A
Funds Available: N/A
Account Name: N/A

Finance Review initials _____

FISCAL NOTE (if applicable):

Previous Council Action: N/A

COMMITTEE/BOARD/COMMISSION ACTION: N/A

STAFF RECOMMENDATION/REQUESTED MOTION: Discussion only. No action required.

LIST OF SUPPORTING DOCUMENTS: The 2019 Annual Report

Department Head initials:

City Manager's Review:

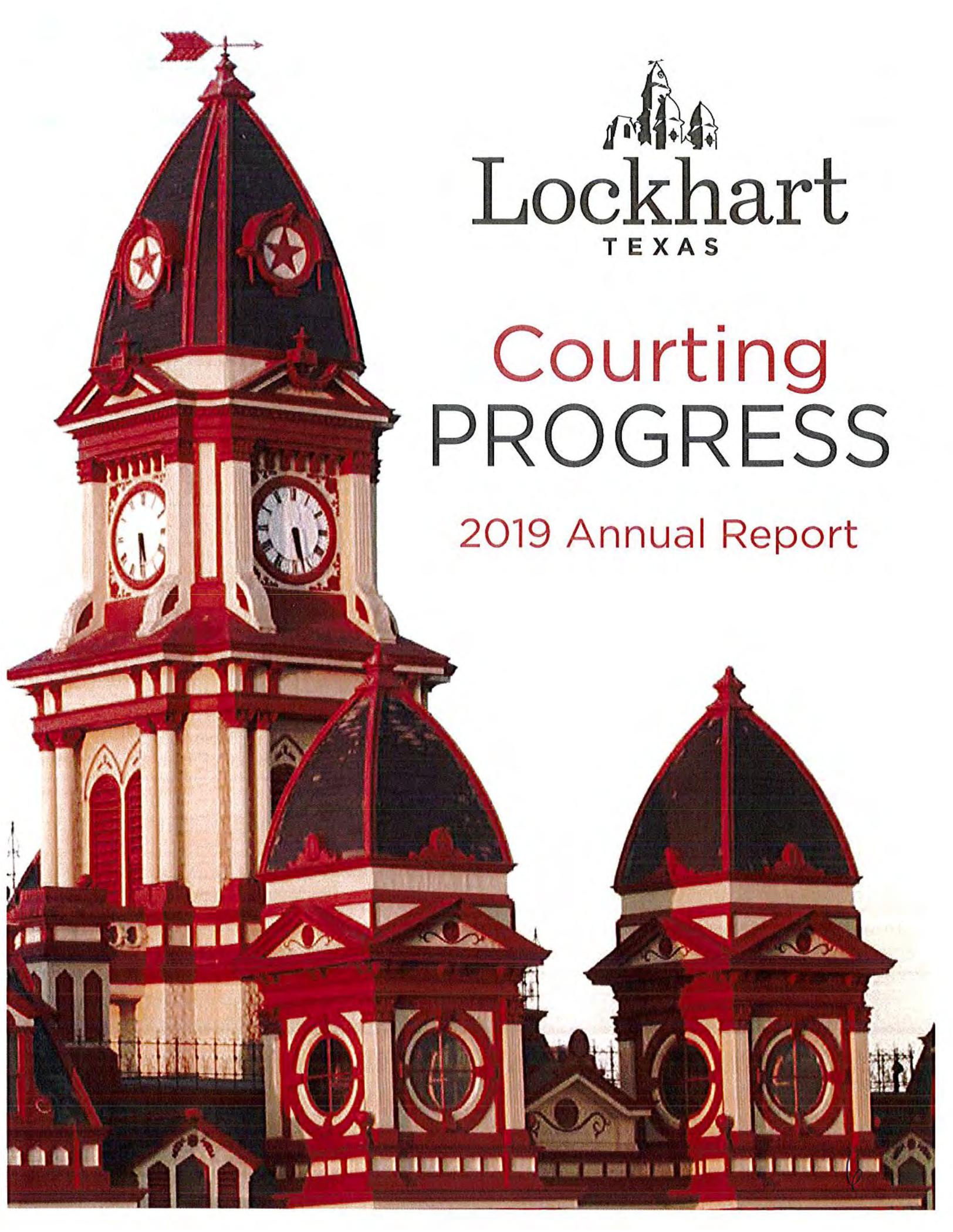
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Lockhart
TEXAS

Courting PROGRESS

2019 Annual Report



COURTING PROGRESS

FROM THE CITY MANAGER

The title of the cover of this annual report is no accident: We are indeed courting progress here in Lockhart.



fingerprint. They are truly unique to Lockhart.

The tradition and history have a direct relationship with the growth and evolution

Highlights of 2019 include significant improvements to infrastructure, the creation of a new citizen advisory board, bringing back the Lockhart Grand Prix kart race, the grand opening of new manufacturers that bring well-paying jobs to our community, new housing options, and a transition to a new brand that represents Lockhart's evolving identity.

The rebranding includes a new logo that adorns the cover. It is a fresh look to represent Lockhart while also paying homage to its storied heritage. The current Caldwell County Courthouse, which is represented in the city's logo, punctuates the center of the downtown Lockhart square and has since its construction in 1894. Historians say that back then, a county courthouse served as a potent symbol of the civic, social and economic viability of a county, evoking a sense of pride for those who resided near it. Today, the courthouse and the distinctive architecture of the surrounding downtown buildings can be likened to a

of Lockhart. While few residents here would challenge the notion that Lockhart continues to be widely known as a place to come enjoy top-notch barbecue, many others recognize it for its vibrant, picturesque downtown that includes historic buildings with distinctive architecture. That identity is attracting new businesses and industries to the city and, in turn, leading more people to call the area their home.

Our employees and volunteers, along with our City Council, are dedicated to ensuring Lockhart continues to improve and evolve. This 2019 annual report is a way for our many city departments to highlight how they help make Lockhart a better place to live and increase awareness of how their work contributed to progress seen during the past year. It is an honor and a pleasure to serve the Lockhart community, and I remain grateful for the opportunity.

Sincerely,

Steve Lewis
City Manager

CITY COUNCIL



FRONT ROW (l-r): Mayor Pro-Tem Angie Gonzales-Sanchez, Mayor Lew White, District 3 Councilmember Kara McGregor.

BACK ROW (l-r): Councilmember At-Large Brad Westmoreland, District 1 Councilmember Juan Mendoza, District 2 Councilmember David Bryant, District 4 Councilmember Jeffry Michelson.

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CITY OF
Lockhart
TEXAS

ADMINISTRATION



Administrative highlights included the successful negotiation of an agreement with P1 Promotions to bring kart racing back to Lockhart in May 2020.

CITY MANAGER

- Recruited and hired a new Economic Development Director, Finance Director, and the city's first-ever public information officer.
- The City Manager's office staffed the City Council efforts to hire a new city attorney.
- Staff prepared a fund balance stabilization and excess of reserves policy.
- Coordinated with the District Attorney and City of Luling officials to develop and adopt a game room ordinance.
- Developed a new policy and procedures for the disposal of city surplus personal property.
- Negotiated an agreement with P1 Promotions for the kart races to be held in May 2020.
- Addressed the contract vacancy created following the retirement of the longtime city engineer with TRC Solutions.
- Entered into an agreement with the Polonia Water Supply Corporation to transfer a portion of its service area northwest of Lockhart into the City's service area. This will allow the City to service and stimulate future development in that area.

CIVIL SERVICE

- The Lockhart Police & Fire Civil Service Commission convened two times in 2019 and addressed promotional position requirements, promotional exam source list material, and appointing a second psychologist to improve the hiring process.
- Four fire entry level exams and three police entry level exams were held in an effort to fill vacancies in the two departments.

CITY SECRETARY

- Approximately 8,000 large plans were scanned into Laserfiche to facilitate record retrieval.
- In addition to keeping City Channel 10, marquee sign and Council A/V equipment updated, duties included training the city's new public information officer to execute the recording and broadcasting of city council meetings.

PUBLIC INFORMATION

- Issued regular press releases to raise community awareness on a number of events, services and subjects. Press releases were distributed through e-mail, our website and Facebook and often published in the Lockhart Post-Register.
 - Increased the City's visibility on Facebook, posting regularly and keeping the community informed on a variety of topics.
- The number of people following the city's Facebook page increased by more than 600. The page now has 2,356 likes, representing an increase of more than 500 since September.
- The new Public Information Officer provided the city with extra manpower during breaking news events involving investigations by the Lockhart Police Department.

CITY COUNCIL



Former Councilmember John Castillo holds a plaque commemorating his service on the Lockhart City Council. Members of the Lockhart City Council pictured with Castillo are, from left, Brad Westmoreland, Angie Gonzales-Sanchez, Juan Mendoza, Kara McGregor, Jeffrey Michelson and David Bryant.

- Council participated in a half-day planning session to develop city-wide goals and strategies for the next two years. These goals, which focused on enhancing economic development, efficiency, technology, quality of life and public safety, were adopted by council resolution.
- Council adopted a new city logo to accurately reflect Lockhart's traditions, identity and heritage with a clean, simple, easy-to-identify design and brand-suite guidelines that standardize how the logo is used on communications and infrastructure as well as by other entities.
- Appointed a new City Attorney.
- Revised Fire Department Step Pay Plan to enhance recruitment and retention. The Police pay step plan was increased by 3% and the Fire pay step plan was increased by 7%.
- Adopted an interlocal cooperation agreement with Caldwell County for enforcement of subdivision regulations in Lockhart's extraterritorial jurisdiction.
- Adopted new regulations regarding downtown sidewalk obstructions.
- Approved a consent agreement for the Clear Fork Ranch Municipal Utility District.
- Approved the creation of the Hotel Occupancy Tax advisory board, which will process requests for special event funding and present recommendations to the Lockhart City Council for approval.

COMMUNITY & ECONOMIC DEVELOPMENT



Visionary Fiber Technologies held its ribbon cutting in November, officially opening its global headquarters.

ECONOMIC DEVELOPMENT

- Announced the relocation of IT startup Promogo from Austin in September. Promogo is an IT startup company focused on creating data from promotional activities for the consumer package goods industry.
- Budgeted \$50,000 towards a facade and life safety matching grant program for building owners in the central commercial district of Lockhart. Building owners and businesses through the Business Improvement and Growth (BIG) Grant program can receive assistance for improvements like new awnings, fire suppression systems, planters and store fronts.
- Turner Company, announced in 2018, officially opened on SH 142 just outside city limits. The company, which specializes in manufacturing pre-cast concrete structures that include septic tanks, grease traps, storm cellars, and manholes, built its \$3 million facility on 31 acres and expects to hire 100 within the first five years.
- Visionary Fiber Technologies in November held its ribbon cutting ceremony, officially opening its global headquarters. According to conservative estimates, the net fiscal benefit of VFT's new facility during its 10-year agreement with the Lockhart Economic Development Corporation will provide an estimated \$527,948 to the City of Lockhart, \$491,823 to Caldwell County, and \$318,382 to the Lockhart Independent School District.

PLANNING

- The Historical Preservation Commission considered 21 Certificate for Alteration applications, and held a Tax Credit and Abatement workshop.
- The Zoning Board of Adjustments considered three Zoning Variance and two Special Exception applications.
- The Planning and Zoning Commission considered 14 Specific Use Permit applications, 10 Zoning Map Change applications, one Zoning Text Amendment, five Subdivision Plats, and one Subdivision Variance. Seven Subdivision Minor Plats were approved administratively.
- The City Council considered 10 Zoning Map Change applications, one Zoning Text Amendment, one Appeal of a Planning and Zoning Commission approval of a Specific Use Permit application, and one Appeal of a Planning and Zoning Commission denial of a Specific Use Permit application.
- The City Council approved the Clearfork Ranch MUD Agreement, the Maple Street Extension Agreement, the Reynolds Street Access Easement, a TxDOT Grant Resolution for the 100 Block of East San Antonio Street, a new Engineering Review Fee Resolution, and an Ordinance providing Standards for Sidewalk Obstructions in the CCB



The Wayfinding Committee is working on a report recommending a strategy supporting vehicular and pedestrian navigation around Lockhart.

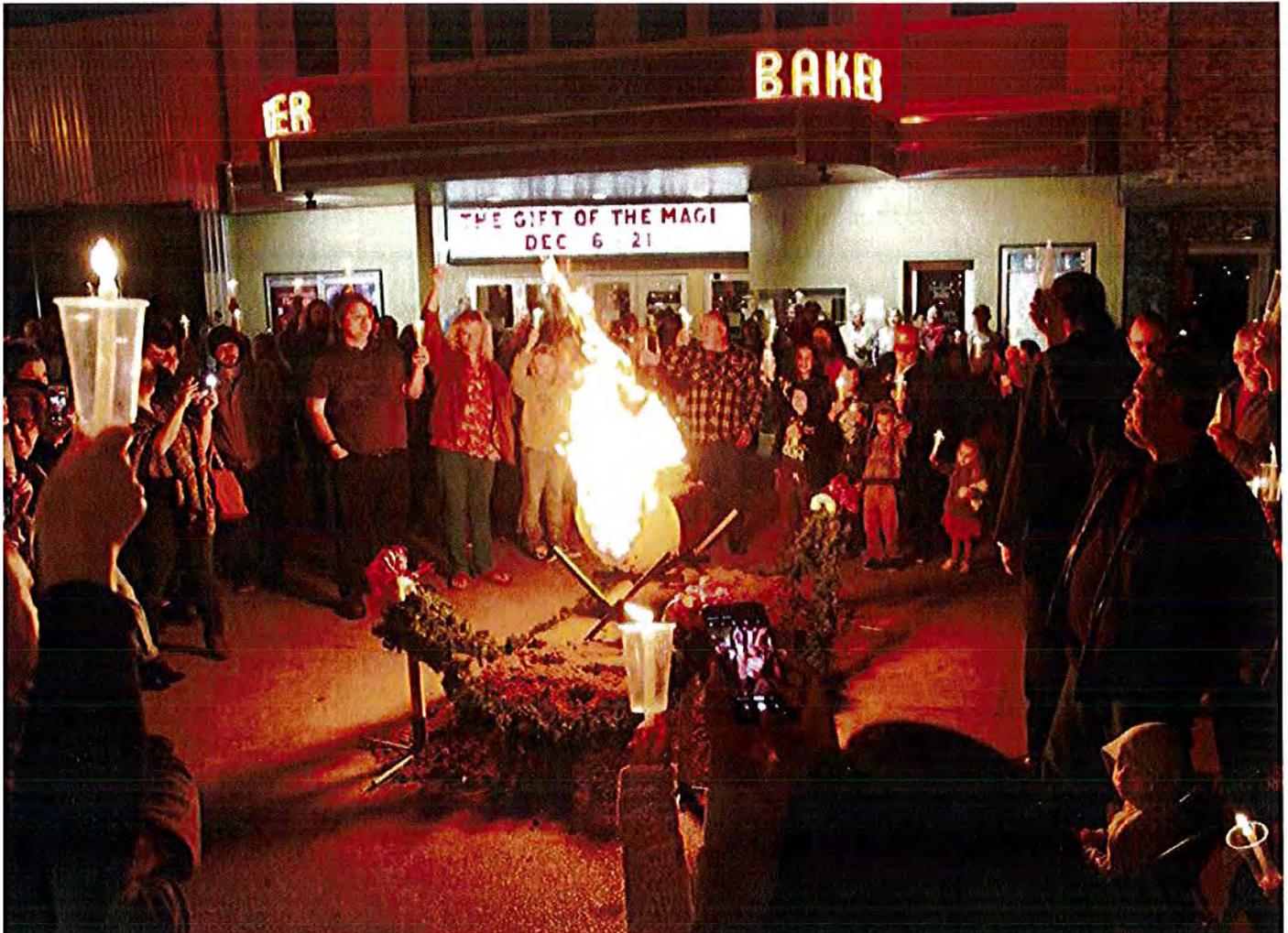
zoning district.

- The City Council accepted two Impact Fee Semi-Annual Reports from the Impact Fee Advisory Committee.
- The Wayfinding Committee met three times. The committee's final product is expected to be a report recommending locations and guidelines for various types of wayfinding signs, potentially including priorities in implementation and a funding strategy.
- The Local Update of Census Addresses, and the Boundary and Annexation Survey, were completed for the U. S. Census Bureau in anticipation of the 2020 National Census.

BUILDING INSPECTION AND CODE ENFORCEMENT

- The Construction Board of Appeals took action on 18 abandoned and/or unsafe structures.
 - » Ten structures were condemned.
 - » Seven structures were approved for rehabilitation.
 - » One structure was tabled for additional consideration.
- The following major projects were completed in 2019:
 - » Lockhart Fuel Express, located at 2111 W. San Antonio Street.
 - » The Stanton, located at 2115 Windsor Blvd.
 - » Visionary Fiber Technology, located at 1400 Blackjack Street.
- » Lockhart Fire Station No. 2, located at 1911 Borchert Dr.
- Incode permitting and inspection software to help with tracking permits and inspections was implemented in late November, helping staff track the progress of the review of the permit and the stage of construction/inspection status after the permit is issued. Eventually, the permittee will also be able to log in and check up on inspection status.
- Plan review for a major remodel of Lockhart's H-E-B grocery store is underway, with construction slated to begin in early 2020.

LIBRARY SERVICES



Candles were held high as the Yule Log was lit for the 30th straight year at the Dickens Christmas celebration.

- Converted to the new Biblionix Apollo circulation system designed to improve efficiency and ease-of-use for both library patrons and staff. The system allows patrons to see an item's availability from home and to remotely renew items they've checked out. It also helps staff by sending courtesy reminders, streamlining notice processing and automatically collecting overdue fines.
- Twenty-five mobile hotspots are now catalogued and currently circulating. There is currently a waiting list for the popular new service.
- The Library successfully hosted its 30th annual Dickens Christmas celebration.



INTERNAL SUPPORT SERVICES

FINANCE AND INFORMATION TECHNOLOGY

- AvenuSights (formally known as Muni-Services) was contracted to perform two audits of hotels located within the City of Lockhart. This audit resulted in additional revenues from Hotel Occupancy Taxes that were not received from a prior reporting period. The audits also helped local establishments with their reporting duties to the City and to the State. AvenuSights is continuing to work on the discovery phase of their contract, to identify short-term rental properties within the city limits of Lockhart.
- Received a "clean audit opinion" from city's external financial auditor and noted an increase of \$206,000 in the combined fund balance.
- Desktop and laptop computers throughout city offices were replaced.
- Completed a technology assessment resulting in a complete plan to restructure the city's IT infrastructure, including the server room at City Hall and the police department.
- The Finance Department solicited Requests for Proposal that resulted in new vendors for the City of Lockhart. The new depository bank for the City is First Lockhart National Bank and the new IT management company is Blue Layer Innovated Technologies.
- Rate negotiations with American Electric Power (AEP) resulted in future savings in power purchases.
- A new adopted budget document was created and published, which provides additional details such as a City Manager's Letter to Council; a budget calendar; Ordinances approving the Tax Rate and the Budget; City Council Goals; Statement of Net Position; Debt Summary; Requested Capital and Personnel; City of Lockhart Investment Policy; and Stabilization and Excess of Reserves Policy.

UTILITY CUSTOMER SERVICES

- Completed installation of Flex Net meters, which provide staff with the ability to read residential meters from City Hall. The meters, which have been installed on 99 percent of residences in Lockhart's service area, reduce staff time in the field and allow customers to access real-time data.
- An option for utilities customers to go paperless was introduced in November. A total of 121 customers have chosen to "go green" since the option's inception.



PUBLIC SAFETY AND JUSTICE



Firefighters spread awareness during National Fire Prevention Week, visiting campuses throughout the Lockhart Independent School District.

FIRE

- Construction of the new Fire Station No. 2 at 1911 Borchert Dr. was completed in November. The fire station is approximately 2,600 sq. ft. and will house fire administration, four firefighters and three apparatus when fully staffed.
- A new fire apparatus was received in January. The vehicle is a mini-pumper and is a front line apparatus for medical calls, vehicle fires, structure fires, motor vehicle accidents (MVA) and other emergencies.
- Participated in the development of the Caldwell County Hazard Mitigation Plan 2020 along with several other local jurisdictions. The focus of the plan is to protect people and structures and to minimize the cost of disaster response and recovery from known hazards by identifying and implementing cost-effective hazard mitigation actions.
- A \$20,000 Texas A&M Forest Service Equipment grant led to the acquisition of new battery-powered extrication tools, rescue saws and a thermal imaging camera.
- The department was active in community risk reduction efforts:

Continued on Page 9

FIRE (Continued from Page 8)

- » 50 public assistance events that include smoke detector installs, motorist assists, car seat installation and unlocking vehicles
- » Delivered fire safety messages to 4,138 students and adults
- » Attended 67 public events representing Lockhart Fire Rescue including neighborhood gatherings, community events, LISD events, first responder recognition and city-wide events
- » Pre-fire plans of commercial buildings in Lockhart totaled 145. These plans assist firefighters awareness with the layout and any associated hazards with the building, people or processes in the event they respond to a call at that facility.
- » Conducted 92 fire inspections of existing commercial buildings in Lockhart, including nursing and assisted living facilities, day cares, restaurants and changes in certificates of occupancy.

EMS (Administered by the Ascension Seton Family of Hospitals)

- Instituted a supply management system that reduced cost by 3 percent.
- Purchased a LUCAS Chest Compression System, a device that enhances the paramedics' ability to perform effective and safe CPR on cardiac arrest patients.
- Implemented a new two-way radio system essential to keeping police, firefighters, EMS and civilians safe in dangerous situations while maintaining optimal public safety and emergency response reliability.
- Developed an ambulance rotation schedule between the City, Caldwell County and Seton.



The LUCAS Chest Compression System helps paramedics perform effective and safe CPR on patients.

MUNICIPAL COURT

- Eighty-eight cases were closed by defendants performing community service. The court mainly uses the Animal Shelter or the food bank for defendants to complete community service hours. Defendants residing in Austin or San Marcos also complete service hours at Goodwill. Community service hours are earned at a rate of 8 hours per \$100 owed.
- Truancy cases are documented by school year. For the current school year (2019-2020), 54 truancy cases have been processed for the first semester, along with 111 parent-contributing-to-non-attendance cases. For the previous school year, 2018-2019, the school had filed a total of 127 truancy cases, along with 216 parent-contributing-to-non-attendance cases.

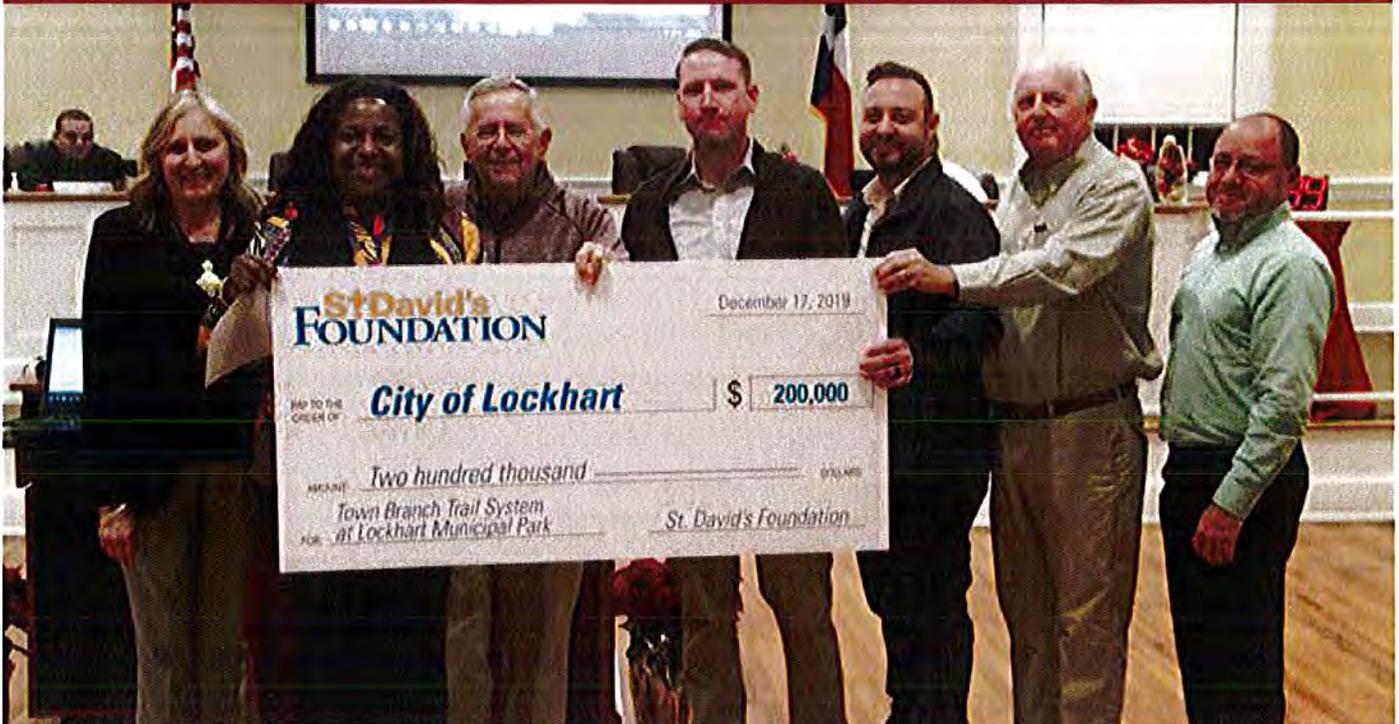
POLICE



Lockhart police officers spent quality time enjoying food and fellowship with their neighbors in October at National Night Out.

- The Lockhart Police Department continued its mission and commitment to enhance accountability, openness and transparency by upgrading its body-worn cameras to third-generation models.
- To increase operational supervision and prepare for future succession, an additional supervisory position with a lieutenant ranking was created.
- The department implemented its new Response to Resistance Policy, which recognizes that use of force in response to resistance by law enforcement requires constant evaluation, and how officers respond to resistance is a serious responsibility. The purpose of the policy is to provide officers with objective guidelines on what constitutes a reasonable response to resistance.
- Jesse Bell and Paul Ybarra were promoted to Lieutenant, and Jacob Garza and Austin Hale were promoted to Sergeant.
- LPD's community outreach efforts continued:
 - » The Chief's forum was held quarterly;
 - » SALT (Seniors and Law Enforcement Together) meetings were held once a month;
 - » The Caldwell County Family Violence Task Force meeting was held once a month;
 - » Coffee with Cops outreach was held at La Ideal Bakery in downtown Lockhart;
 - » The department organized and participated in another successful city-wide National Night Out Event in October.
- Worked with the Lockhart Independent School District to enhance safety and security on all campuses in the district, providing LISD with two uniformed School Resource Officers and participating in the LISD Safety Task Force, which includes state and county law enforcement agencies as well as fire and emergency services.
- The department continued its support of the Lockhart Police Association's Operation Blue Santa, serving 300 area children and their families. The program was created to help bring holiday happiness to children and their families throughout Lockhart, bringing hope and joy to families that struggle to make ends meet.

PUBLIC WORKS



A project to complete a trail system at Lockhart City Park will continue after Lockhart received a \$200,000 grant in 2019.

AIRPORT

- Staff resumed mowing duties at the Municipal Airport, improving the maintenance schedule and reducing the damages that were occurring to runway lights.
- The Precision Approach Path Indicator (PAPI) lights used for landing approaches were recalibrated.

ANIMAL SHELTER

- No animals were euthanized due to lack of space.
- The animal shelter received approximately \$14,500 in donations in 2019. The funding helped with improvements that include a new security fence, new gravel for the outdoor kennels and repairs to the indoor kennels.
- New security cameras were also among the improvements made in 2019.
- Last year, 99 different volunteers helped out at the shelter. Those volunteers logged a total of approximately 4,700 hours in 2019.



Donations to the animal shelter helped with projects such as the installation of a new security fence.

CEMETERY

- Renewed the mowing and trimming contract with Maintenance Management out of San Marcos.

PARKS

- Contracted installation of four new play-scapes and nine shade structures in parks throughout the city.
- New paving has taken place on City Park Road and the parking lot of the swimming pool.
- Hosted several events in City Park: Chisholm Trail Roundup, Hill Country Cook-Off, Welcome Spring Day, Kid Fish, Circuses, Firework Extravaganza and Movies in the Park.



A friendly alien invites Nueces Park playground patrons to try a maze at the park's new playscape.

PUBLIC WORKS ADMINISTRATION

- Received a grant for St. David's Foundation for "Parks with Purposes" in the amount of \$200,000 for continuation of concrete trails to be installed in the City Park.
- Continued to work with TCEQ, Plum Creek Water Shed Coordinator and Nueces River Authority after receiving a three-year nonpoint source pollution grant in 2018. This year, staff established best management practices, created grow zones along the Town Branch Creek to promote a healthy riparian function, and aided in the design for rain garden construction at City Park.
- Awarded Community Development Block Grant from the Texas Department of Agriculture relating to improving water infrastructure in the amount of \$300,000. These funds will be used to increase the capacity of treated water distributed to the town from the water plant by installing new 18-inch transmission mains.
- Volunteers helped keep Lockhart clean once again on Nov. 9 at the latest installment of Keep Lockhart Beautiful.
- Received a Routine Airport Maintenance Grant from TxDOT for a 50 percent reimbursement on the purchase of a fuel terminal for the Lockhart Airport. The work is slated to begin in 2020.
- Applied for a grant from Texas Parks and Wildlife for trail lighting improvements at City Park.
- Adopted an updated Drought Contingency Plan and Water Conservation Plan in compliance with TCEQ and TWDB regulations.

STREETS AND DRAINAGE

- Completed the 2019 Street Improvement Plan, which included paving portions of Lion Country Drive, Center Street, and Trinity Street.
- City staff has worked to repair major base failures on Cibilo Street between Hackberry Street and Center Street.
- Drainage improvements were made by pouring concrete channels at Stueve Lane/West San Antonio Street and Scheh Street/City Park. Since the channels were constructed major drainage improvements have been observed.

UTILITIES

ELECTRIC DISTRIBUTION

- Replaced an underground high voltage line that feeds First Lockhart National Bank on the west side of the square.
- Completed a capital project to replace poles and high voltage lines on South Main Street from West Prairie Lea Street to Bee Street.
- The department is working with the LCRA to make improvements to the Lockhart Substation that will improve reliability.
- Conducted electric meter accuracy audit/evaluation for all non-residential customers. Six meters with registration errors from 33-75 percent were identified, which is projected to lead to approximately \$200,000 in unbudgeted revenues.

WATER SUPPLY AND DISTRIBUTION



Contractors have begun work on the base of the new 500,000-gallon elevated water storage tank at FM 2001 and SH 130.

- Construction of the new 500,000-gallon elevated water storage tank started at FM 2001 and SH 130. Completion on the elevated tank is scheduled for October 2020.
- Staff installed over 4,500 feet of new 12" water main along FM 1322, improving service to residents in the southern portion of the city.
- Contractors installed 6,800 feet of 18-inch water main along Cesar Chavez Blvd. north of SH 130.

WASTEWATER TREATMENT

- The Guadalupe-Blanco River Authority and staff worked together to update the 5-year wastewater treatment plant permits and seek approval from the Texas Commission for Environmental Quality.

AWARDS AND ACHIEVEMENTS

- Randy Jenkins (Fire Chief) was recognized as 2019 Firefighter of the Year for Caldwell County by Lockhart Post-Register.
- Randy Williams (Captain), Adrian Almendarez (Captain), Ryan Sheedy (Firefighter), and Allan Holmes (Firefighter) were recognized by the Lockhart City Council, along with Lockhart EMS and Lockhart 9-1-1 Dispatch, for a CPR save.
- Detective David Martinez was awarded a Life Saving Award by the Lockhart Police Department for conducting the Heimlich Maneuver on a two-year child and dislodging food from child's throat.
- TCEQ Drinking Water Special Function has once again recognized the City of Lockhart as a "SUPERIOR" Water System.
- For the second year in a row the City of Lockhart has received the Water Fluoridation Quality Award from the Texas Department of State Health Services recognizing the City excellence in reporting and monitoring. Only 55 public water systems in Texas receive this award last year.
- Jesse Ramirez received his Certified Pool Operator certification.
- Lorenzo Salinas received his Wastewater Collection Operator Class I certification.
- Jimmy Bowen, John Handley, and Edwin Mena-Torres has all successfully upgraded their certifications this year and achieved Wastewater Collection Operator Class II certifications.
- City Secretary Connie Constancio is a Texas Registered Municipal Clerk and is currently working on 5th recertification, a five-year process that she began in 2017.
- Robert Eggiman was promoted to Controller, and earned the designation of Certified Government Financial Officer (CGFO) from the Governmental Finance Officers' Association.
- Kevin Waller has received his certification in Local Governmental Program Procedures from the Texas Department of Transportation.
- Jim Jewell, Director of Emergency Medical Services for City of Lockhart/Caldwell County, was nominated to serve a two-year term on the Capital Area Trauma Regional Advisory Council (CATRAC), giving the area higher visibility on that board.

City of Lockhart, Texas

Council Agenda Item Briefing Data

COUNCIL MEETING DATE: January 21, 2020

AGENDA ITEM CAPTION:

Discussion and/or action to consider Resolution 2020-02 authorizing signors in connection with the 2019 Texas Department of Agriculture (TDA) Community Development Block Grant (CDBG) Project #7219231 documents.

ORIGINATING DEPARTMENT AND CONTACT: Sean Kelley, Public Works Director

ACTION REQUESTED:

ORDINANCE RESOLUTION CHANGE ORDER AGREEMENT
 APPROVAL OF BID AWARD OF CONTRACT CONSENSUS OTHER

BACKGROUND/SUMMARY/DISCUSSION:

During the February 5, 2019 meeting, the Council approved Resolution 2019-05 authorizing submission of the CDBG grant. Grant Development Services is the City's Grant Administrator that thereafter submitted the application for a grant in the amount of \$300,000. In November 2019, the city was notified that we were awarded the grant for the installation of a new water main pipeline. The Resolution authorizes the Mayor, City Manager, and City Secretary to execute contractual and financial documents between the Texas Department of Agriculture and the City for the 2019 Texas Community Development Block Grant Program Project.

PROJECT SCHEDULE (if applicable):

AMOUNT & SOURCE OF FUNDING:

Funds Required: \$60,000 (match)

Account Number: 526-5750-911

Funds Available: \$1,450,000

Account Name: Series 2015 Water Construction/Project Improvement

Finance Review initials 

FISCAL NOTE (if applicable):

Previous Council Action:

COMMITTEE/BOARD/COMMISSION ACTION: None.

STAFF RECOMMENDATION/REQUESTED MOTION:

Staff recommends approval of Resolution 2020-02, as presented.

LIST OF SUPPORTING DOCUMENTS: Resolution 2020-02

Department Head initials:

SK

City Manager's Review:



**RESOLUTION 2020-02
AUTHORIZING SIGNATORIES**

A RESOLUTION BY THE CITY COUNCIL OF THE CITY OF LOCKHART, TEXAS, DESIGNATING AUTHORIZED SIGNATORIES FOR CONTRACTUAL DOCUMENTS AND DOCUMENTS FOR REQUESTING FUNDS PERTAINING TO THE TEXAS COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM (TxCDBG) CONTRACT NUMBER 7219231.

WHEREAS, the City of Lockhart, Texas has received a 2019 Texas Community Development Block Grant award to provide water improvements, and;

WHEREAS, it is necessary to appoint persons to execute contractual documents and documents for requesting funds from the Texas Department of Agriculture, and;

WHEREAS, an original signed copy of the TxCDBG Depository/Authorized Signatories Designation Form (Form A202) is to be submitted with a copy of this Resolution, and;

WHEREAS, the City of Lockhart, Texas acknowledges that in the event that an authorized signatory of the City changes (elections, illness, resignations, etc.), the City must provide TxCDBG with the following:

- TxCDBG Depository/ Authorized Signatories Designation Form (Form A202).

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF LOCKHART, TEXAS, AS FOLLOWS:

The Mayor and City Manager be authorized to execute contractual documents between the Texas Department of Agriculture and the City for the 2019 Texas Community Development Block Grant Program Project 7219231.

The Mayor, City Manager, Finance Director and City Controller be authorized to execute the State of Texas Purchase Voucher and Request for Payment Form documents required for requesting funds approved in the 2019 Texas Community Development Block Grant Program Project 7219231.

PASSED AND APPROVED THIS _____ DAY OF JANUARY, 2020.

CITY OF LOCKHART

Lew White
Mayor

ATTEST:

APPROVED AS TO FORM:

Connie Constancio, TRMC
City Secretary

Monte Akers
City Attorney

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**TEXAS COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM
AUTHORIZED SIGNATORIES DESIGNATION FORM**

Grant Recipient **City of Lockhart**

TxCDBG Contract No. **7219231**

The individuals listed below are designated by resolution as authorized signatories for contractual documents.

Lew White	Steven Lewis
(Name)	(Name)
Mayor	City Manager
(Title)	(Title)
(Signature)	(Signature)

In addition to the individuals listed above, the individuals listed below are designated by resolution as authorized signatories for the *Request for Payment Form* (Form A203)—(At least two (2) signatories required).

Pam Larison	Robert Eggimann
(Name)	(Name)
Finance Director	City Controller
(Title)	(Title)
(Signature)	(Signature)

NOTE: A copy of a Resolution passed by the city council or county commissioner's court authorizing the signatories must be submitted along with this form. Grant Recipients are strongly encouraged to use the sample resolution provided.

City of Lockhart, Texas

Council Agenda Item Briefing Data

COUNCIL MEETING DATE: January 21, 2020

AGENDA ITEM CAPTION:

Discussion and/or action to consider Resolution 2020-03 authorizing the approval of the following documents, policies, procedures and proclamation associated with the Texas Department of Agriculture (TDA) Community Development Block Grant (CDBG) Project 7219231 as required by the Civil Rights requirements of Title I of the Housing and Community Development Act and Fair Housing law:

1. Citizen Participation Plan and Grievance Procedures;
2. Section 3 Policy;
3. Excessive Force Policy;
4. Fair Housing Proclamation;
5. Limited English Proficiency Plan;
6. Section 504 Policy and Grievance Procedures; and,
7. Code of Conduct.

ORIGINATING DEPARTMENT AND CONTACT: Sean Kelley, Public Works Director

ACTION REQUESTED:

ORDINANCE RESOLUTION CHANGE ORDER AGREEMENT
 APPROVAL OF BID AWARD OF CONTRACT CONSENSUS OTHER

BACKGROUND/SUMMARY/DISCUSSION:

During the February 5, 2019 meeting, the Council approved Resolution 2019-05 that authorized submission of the CDBG grant. Grant Development Services thereafter submitted the application for a grant in the amount of \$300,000. The City was recently informed that Lockhart was awarded the grant. These documents are another portion of the grant requirements of which the City must take actions to ensure that no person or group is denied benefits such as employment, training, housing, and contracts generated by the CDBG activity, on the basis of race, color, religion, sex, national origin, age, or disability. The Resolution contains the statement that, in accordance with Section 504 of the Rehabilitation Act of 1973, the City of Lockhart does not discriminate on the basis of disability and agrees to ensure that qualified individuals with disabilities have access to programs and activities that receive federal funds.

Attached is an explanation provided by Gandolph Burrus of Grant Development Services about the documents listed above.

PROJECT SCHEDULE (if applicable):

AMOUNT & SOURCE OF FUNDING:

Funds Required: \$60,000 (match)
Account Number: 526-5750-911
Funds Available: \$1,450,000
Account Name: Series 2015 Water Construction/Project Improvement

Finance Review initials



FISCAL NOTE (if applicable): Previous Council Action: February 5, 2019 – Council authorized submission of the grant.

COMMITTEE/BOARD/COMMISSION ACTION: None.

STAFF RECOMMENDATION/REQUESTED MOTION:

Staff recommends approval of Resolution 2020-03, as presented.

LIST OF SUPPORTING DOCUMENTS:

Resolution 2020-03, History of February 5, 2019 Council action regarding the grant and grant civil rights documents as listed in Resolution 2020-03.

Department Head initials:



City Manager's Review:



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Explanation and Summary of Items
by Grant Administrator
Gandolph Burrus of Grant Development Services

Resolution Regarding Civil Rights Activities

The City must take actions to ensure that no person or group is denied benefits such as employment, training, housing, and contracts generated by the CDBG activity, on the basis of race, color, religion, sex, national origin, age, or disability. The Resolution also contains a statement that, in accordance with Section 504 of the Rehabilitation Act of 1973, the City of Lockhart does not discriminate on the basis of disability and agrees to ensure that qualified individuals with disabilities have access to programs and activities that receive federal funds

Sample Code of Conduct Policy

These procedures are intended to serve as guidelines for the procurement of supplies, equipment, construction services and professional services for the Texas Community Development Block Grant (TxCDBG) Program. As a Grant Recipient of a TxCDBG contract, the City of Lockhart shall avoid, neutralize or mitigate actual or potential conflicts of interest so as to prevent an unfair competitive advantage or the existence of conflicting roles that might impair the performance of the TxCDBG contract or impact the integrity of the procurement process

Section 3 Local Opportunity Plan

City of Lockhart agrees to implement affirmative steps during the implementation of the 2019 CDBG Water Improvements which, to the greatest extent feasible, will provide job training, employment and contracting opportunities for Section 3 residents and Section 3 businesses of the areas in which the program/project is being carried out.

Resolution Prohibiting the Use of Excessive Force

This Resolution prohibits the use of excessive force by the law enforcement agencies within its jurisdiction against any individuals engaged in non-violent civil rights demonstrations. The Resolution also affirms that the City will enforce State and local laws against physically barring entrance to or exit from a facility or location that is the subject of such non-violent civil rights demonstrations within its jurisdiction.

Adopt a Policy of Non-Discrimination regarding access and participation in TxCDBG Grants

This Policy prohibits discrimination: No otherwise qualified individual with handicaps in the United States shall, solely by reason of his or her handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance from the Department of Housing and Urban Development (HUD).

Proclamation of February 2020 as “Fair Housing Month” in the City

City of Lockhart will proclaim February 2020 as Fair Housing Month in the City of Lockhart and will publish a notice urging all citizens of this locality to become aware of and support the Fair Housing law.

Citizen Participation Plan and Grievance Procedures

This item includes three topics regarding participation in the TxCDBG program: (1) a procedure for Citizens to file complaints and grievances (2) provides a process for citizens to file grievances (3) documents the City’s commitment to provide technical assistance to low-income citizens who desire to provide input on community needs to be address in grant applications, (4) describes requirements for conducting Public Hearings during grant application preparation, grant construction, and grant close-out following completion.

Limited English Proficiency (LEP) Plan

Since more than 5% of the City’s residents speak Spanish as their primary language, the City of Lockhart ‘s LEP Plan will ensure that all publications regarding TxCDBG grant applications, grievance procedures, complaint procedures, bids, major amendments or environmental notices, are published in both English and Spanish. The City will also provide assistance in translating City publications and/or refer persons to community liaisons proficient in the language of LEP persons to assist in translation.

Staff Recommendation

All items on this agenda items are required for participation in the TxCDBG grant program. All of these forms are “boilerplate” from the Texas Department of Agriculture.

The TxCDBG Grant Administration Team respectfully recommends approval of all items.

**RESOLUTION No. 2020-03
Regarding Civil Rights
The City of Lockhart, Texas**

WHEREAS, the City of Lockhart, Texas, (hereinafter referred to as “City of Lockhart”) has been awarded TxCDBG funding through a TxCDBG Grant Project # 7219231 from the Texas Department of Agriculture (hereinafter referred to as “TDA”);

WHEREAS, the City of Lockhart, in accordance with Section 109 of the Title I of the Housing and Community Development Act. (24 CFR 6); the Age Discrimination Act of 1975 (42 U.S.C. 6101-6107); and Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and for construction contracts greater than \$10,000, must take actions to ensure that no person or group is denied benefits such as employment, training, housing, and contracts generated by the CDBG activity, on the basis of race, color, religion, sex, national origin, age, or disability;

WHEREAS, the City of Lockhart, in consideration for the receipt and acceptance of federal funding, agrees to comply with all federal rules and regulations including those rules and regulations governing citizen participation and civil rights protections;

WHEREAS, the City of Lockhart, in accordance with Section 3 of the Housing and Urban Development Act of 1968, as amended, and 24 CFR Part 135, is required, to the greatest extent feasible, to provide training and employment opportunities to lower income residents and contract opportunities to businesses in the TxCDBG project area;

WHEREAS, the City of Lockhart, in accordance with Section 104(1) of the Housing and Community Development Act, as amended, and State’s certification requirements at 24 CFR 91.325(b)(6), must adopt an excessive force policy that prohibits the use of excessive force against non-violent civil rights demonstrations;

WHEREAS, the City of Lockhart, in accordance with Executive Order 13166, must take reasonable steps to ensure meaningful access to services in federally assisted programs and activities by persons with limited English proficiency (LEP) and must have an LEP plan in place specific to the locality and beneficiaries for each TxCDBG project;

WHEREAS, the City of Lockhart, in accordance with Section 504 of the Rehabilitation Act of 1973, does not discriminate on the basis of disability and agrees to ensure that qualified individuals with disabilities have access to programs and activities that receive federal funds; and

WHEREAS, the City of Lockhart, in accordance with Section 808(e)(5) of the Fair Housing Act (42 USC 3608(e)(5)) that requires HUD programs and activities be administered in a manner affirmatively to further the policies of the Fair Housing Act, agrees to conduct at least one activity during the contract period of the TxCDBG contract, to affirmatively further fair housing;

WHEREAS, the City of Lockhart, agrees to maintain written standards of conduct covering conflicts of interest and governing the actions of its employees engaged in the selection, award and administration of contracts.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF LOCKHART, TEXAS, that the CITY OF LOCKHART ADOPTS THE FOLLOWING:

1. Citizen Participation Plan and Grievance Procedures
2. Section 3 Policy
3. Excessive Force Policy
4. Fair Housing Proclamation
5. Limited English Proficiency Plan
6. Section 504 Policy and Grievance Procedures; and
7. Code of Conduct.

Passed and approved this _____ day of January 2020.

CITY OF LOCKHART

Lew White
Mayor

ATTEST:

APPROVED AS TO FORM:

Connie Constancio, TRMC
City Secretary

Monte Akers
City Attorney

**THE CITY OF LOCKHART
CITIZEN PARTICIPATION PLAN
TEXAS COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM**

COMPLAINT PROCEDURES

These complaint procedures comply with the requirements of the Texas Department of Agriculture's Texas Community Development Block Grant (TxCDBG) Program and Local Government Requirements found in 24 CFR §570.486 (Code of Federal Regulations). Citizens can obtain a copy of these procedures at the City of Lockhart, PO Box 239, Lockhart, TX 78644, request by phone: (512) 398-3461 during regular business hours.

Below are the formal complaint and grievance procedures regarding the services provided under the TxCDBG project.

1. A person who has a complaint or grievance about any services or activities with respect to the TxCDBG project, whether it is a proposed, ongoing, or completed TxCDBG project, may during regular business hours submit such complaint or grievance, in writing to the Office of the Mayor, at PO Box 239, Lockhart, TX 78644 or may call (512) 398-3461.
2. A copy of the complaint or grievance shall be transmitted by the City Secretary/ Civil Rights Officer to the entity that is the subject of the complaint or grievance and to the City Attorney within five (5) working days after the date of the complaint or grievance was received.
3. The Mayor's Office and/or City Attorney shall complete an investigation of the complaint or grievance, if practicable, and provide a timely written answer to person who made the complaint or grievance within ten (10) days.
4. If the investigation cannot be completed within ten (10) working days per 3 above, the person who made the grievance or complaint shall be notified, in writing, within fifteen (15) days where practicable after receipt of the original complaint or grievance and shall detail when the investigation should be completed.
5. If necessary, the grievance and a written copy of the subsequent investigation shall be forwarded to the TxCDBG for their further review and comment.
6. If appropriate, provide copies of grievance procedures and responses to grievances in both English and Spanish, or other appropriate language.

TECHNICAL ASSISTANCE

When requested, the City shall provide technical assistance to groups that are representative of persons of low- and moderate-income in developing proposals for the use of TxCDBG funds. The City, based upon the specific needs of the community's residents at the time of the request, shall determine the level and type of assistance.

PUBLIC HEARING PROVISIONS

For each public hearing scheduled and conducted by the City, the following public hearing provisions shall be observed:

1. Public notice of all hearings must be published at least seventy-two (72) hours prior to the scheduled hearing. The public notice must be published in a local newspaper. Each public notice must include the date, time, location, and topics to be considered at the public hearing. A published newspaper article can also be used to meet this requirement so long as it meets all content and timing requirements. Notices should also be prominently posted in public buildings and distributed to local Public Housing Authorities and other interested community groups.
2. When a significant number of non-English speaking residents are a part of the potential service area of the TxCDBG project, vital documents such as notices should be published in the predominant language of these non-English speaking citizens.
3. Each public hearing shall be held at a time and location convenient to potential or actual beneficiaries and will include accommodation for persons with disabilities. Persons with disabilities must be able to attend the hearings and the City must make arrangements for individuals who require auxiliary aids or services if contacted at least two days prior to the hearing.
4. A public hearing held prior to the submission of a TxCDBG application must be held after 5:00 PM on a weekday or at a convenient time on a Saturday or Sunday.
5. When a significant number of non-English speaking residents can be reasonably expected to participate in a public hearing, an interpreter should be present to accommodate the needs of the non-English speaking residents.

The City shall comply with the following citizen participation requirements for the preparation and submission of an application for a TxCDBG project:

1. At a minimum, the City shall hold at least one (1) public hearing to prior to submitting the application to the Texas Department of Agriculture.
2. The City shall retain documentation of the hearing notice(s), a listing of persons attending the hearing(s), minutes of the hearing(s), and any other records concerning the proposed use of funds for three (3) years from closeout of the grant to the state. Such records shall be made available to the public in accordance with Chapter 552, Texas Government Code.
3. The public hearing shall include a discussion with citizens as outlined in the applicable TxCDBG application manual to include, but is not limited to, the development of housing and community development needs, the amount of funding available, all eligible activities under the TxCDBG program, and the use of past TxCDBG contract funds, if applicable. Citizens, with particular emphasis on persons of low- and moderate-income who are residents of slum and blight areas, shall be encouraged to submit their views and proposals regarding community development and housing needs. Citizens shall be made aware of the location where they may submit their views and proposals should they be unable to attend the public hearing.

4. When a significant number of non-English speaking residents can be reasonably expected to participate in a public hearing, an interpreter should be present to accommodate the needs of the non-English speaking residents.

The City must comply with the following citizen participation requirements in the event that the City receives funds from the TxCDBG program:

1. The City shall also hold a public hearing concerning any substantial change, as determined by TxCDBG, proposed to be made in the use of TxCDBG funds from one eligible activity to another again using the preceding notice requirements.
2. Upon completion of the TxCDBG project, the City shall hold a public hearing and review its program performance including the actual use of the TxCDBG funds.
3. When a significant number of non-English speaking residents can be reasonably expected to participate in a public hearing, for either a public hearing concerning substantial change to the TxCDBG project or for the closeout of the TxCDBG project, publish notice in both English and Spanish, or other appropriate language and provide an interpreter at the hearing to accommodate the needs of the non-English speaking residents.
4. The City shall retain documentation of the TxCDBG project, including hearing notice(s), a listing of persons attending the hearing(s), minutes of the hearing(s), and any other records concerning the actual use of funds for a period of three (3) years from closeout of the grant to the state. Such records shall be made available to the public in accordance with Chapter 552, Texas Government Code.

Mayor Lew White

Date

City of Lockhart Section 3 Policy

In accordance with 12 U.S.C. 1701u the *City of Lockhart* agrees to implement the following steps during the implementation of the 2019 CDBG Water Improvements Project # 7219231, which, to *the greatest extent feasible*, will provide job training, employment and contracting opportunities for Section 3 residents and Section 3 businesses of the areas in which the program/project is being carried out.

- A. Introduce and pass a resolution adopting this plan as a policy to strive to attain goals for compliance to Section 3 regulations by increasing opportunities for employment and contracting for Section 3 residents and businesses.
- B. Assign duties related to implementation of this plan to the designated Civil Rights Officer.
- C. Notify Section 3 residents and business concerns of potential new employment and contracting opportunities as they are triggered by TxCDBG grant awards through the use of: Public Hearings and related advertisements; public notices; bidding advertisements and bid documents; notification to local business organizations such as the Chamber(s) of Commerce or the Urban League; local advertising media including public signage; project area committees and citizen advisory boards; local HUD offices; regional planning agencies; and all other appropriate referral sources. Include Section 3 clauses in all covered solicitations and contracts.
- D. Maintain a list of those businesses that have identified themselves as Section 3 businesses for utilization in TxCDBG funded procurements, notify those businesses of pending contractual opportunities, and make this list available for general Grant Recipient procurement needs.
- E. Maintain a list of those persons who have identified themselves as Section 3 residents and contact those persons when hiring/training opportunities are available through either the Grant Recipient or contractors.
- F. Require that all Prime contractors and subcontractors with contracts over \$100,000 commit to this plan as part of their contract work. Monitor the contractors' performance with respect to meeting Section 3 requirements and require that they submit reports as may be required by HUD or TDA to the Grant Recipient.
- G. Submit reports as required by HUD or TDA regarding contracting with Section 3 businesses and/or employment as they occur; and submit reports within 20 days of the federal fiscal year end (by October 20) which identify and quantify Section 3 businesses and employees.
- H. Maintain records, including copies of correspondence, memoranda, etc., which document all actions taken to comply with Section 3 regulations.

As officers and representatives of *City of Lockhart*, we the undersigned have read and fully agree to this plan, and become a party to the full implementation of this program.

Lew White

Title: Mayor

Date

**CITY OF LOCKHART COMMUNITY DEVELOPMENT BLOCK GRANT
PROJECT # 7219231
Excessive Force Policy**

In accordance with 24 CFR 91.325(b)(6), the **City of Lockhart** hereby adopts and will enforce the following policy with respect to the use of excessive force:

1. It is the policy of the **City of Lockhart** to prohibit the use of excessive force by the law enforcement agencies within its jurisdiction against any individual engaged in non-violent civil rights demonstrations;
2. It is also the policy of the **City of Lockhart** to enforce applicable State and local laws against physically barring entrance to or exit from a facility or location that is the subject of such non-violent civil rights demonstrations within its jurisdiction.
3. the **City of Lockhart** will introduce and pass a resolution adopting this policy.

As officers and representatives of the **City of Lockhart**, we the undersigned have read and fully agree to this plan, and become a party to the full implementation of this program.

Lew White

Mayor

Date

**CITY OF LOCKHART
COMMUNITY DEVELOPMENT BLOCK GRANT PROJECT # 7219231**

Proclamation of February 2020 as Fair Housing Month

WHEREAS Title VIII of the Civil Rights Act of 1968, as amended, prohibits discrimination in housing and declares it a national policy to provide, within constitutional limits, for fair housing in the United States; and

WHEREAS The principle of Fair Housing is not only national law and national policy, but a fundamental human concept and entitlement for all Americans; and

WHEREAS The National Fair Housing Law, during the month of February, provides an opportunity for all Americans to recognize that complete success in the goal of equal housing opportunity can only be accomplished with the help and cooperation of all Americans.

NOW, THEREFORE, WE, the City Council of the City of Lockhart, do proclaim February 2020 as Fair Housing Month in the City of Lockhart and do hereby urge all the citizens of this locality to become aware of and support the Fair Housing law.

IN WITNESS WHEREOF we have affixed our signatures and seal on this the ____ day of January 2020.

Witness:

Witness:

Signature

Signature

Title: Lew White, Mayor

Title: Connie Constancio, TRMC, City Secretary

City of Lockhart CDBG Water Improvements Project 7219231
Section 504 Policy Against Discrimination
based on Handicap and Grievance Procedures

In accordance with 24 CFR Section 8, Nondiscrimination based on Handicap in federally assisted programs and activities of the Department of Housing and Urban Development, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), and Section 109 of the Housing and Community Development Act of 1974, as amended (42 U.S.C. 5309), the **City of Lockhart** hereby adopts the following policy and grievance procedures:

1. Discrimination prohibited. No otherwise qualified individual with handicaps in the United States shall, solely by reason of his or her handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance from the Department of Housing and Urban Development (HUD).
2. The **City of Lockhart** does not discriminate on the basis of handicap in admission or access to, or treatment or employment in, its federally assisted programs and activities.
3. The **City of Lockhart's** recruitment materials or publications shall include a statement of this policy in 1. above.
4. The **City of Lockhart** shall take continuing steps to notify participants, beneficiaries, applicants and employees, including those with impaired vision or hearing, and unions or professional organizations holding collective bargaining or professional agreements with the recipients that it does not discriminate on the basis of handicap in violation of 24 CFR Part 8.
5. For hearing and visually impaired individuals eligible to be served or likely to be affected by the TxCDBG program, the City of Lockhart shall ensure that they are provided with the information necessary to understand and participate in the TxCDBG program.
6. Grievances and Complaints
 - a. Any person who believes she or he has been subjected to discrimination on the basis of disability may file a grievance under this procedure. It is against the law for the **City of Lockhart** to retaliate against anyone who files a grievance or cooperates in the investigation of a grievance.
 - b. Complaints should be addressed to: Connie Constancio, City Secretary and Civil Rights Officer, PO Box 239, Lockhart, TX 78644 Phone: (512) 398-3461, who has been designated to coordinate Section 504 compliance efforts.
 - c. A complaint should be filed in writing or verbally, contain the name and address of the person filing it, and briefly describe the alleged violation of the regulations.

- d. A complaint should be filed within thirty (30) working days after the complainant becomes aware of the alleged violation.
- e. An investigation, as may be appropriate, shall follow a filing of a complaint. The investigation will be conducted by Connie Constancio, City Secretary and Civil Rights Officer. Informal but thorough investigations will afford all interested persons and their representatives, if any, an opportunity to submit evidence relevant to a complaint.
- f. A written determination as to the validity of the complaint and description of resolution, if any, shall be issued by Connie Constancio, City Secretary and Civil Rights Officer, and a copy forwarded to the complainant with fifteen (15) working days after the filing of the complaint where practicable.
- g. The Section 504 coordinator shall maintain the files and records of the **City of Lockhart** relating to the complaint files.
- h. The complainant can request a reconsideration of the case in instances where he or she is dissatisfied with the determination/resolution as described in f. above. The request for reconsideration should be made to the **City of Lockhart** within ten working days after the receipt of the written determination/resolution.
- i. The right of a person to a prompt and equitable resolution of the complaint filed hereunder shall not be impaired by the person's pursuit of other remedies such as the filing of a Section 504 complaint with the U.S. Department of Housing and Urban Development. Utilization of this grievance procedure is not a prerequisite to the pursuit of other remedies.
- j. These procedures shall be construed to protect the substantive rights of interested persons, to meet appropriate due process standards and assure that the **City of Lockhart** complies with Section 504 and HUD regulations.

Lew White, Mayor
City of Lockhart

Date

CITY OF LOCKHART
CODE OF CONDUCT
COMMUNITY DEVELOPMENT BLOCK GRANT # 7219231

As a Grant Recipient of a TxCDBG contract, **the City of Lockhart** shall avoid, neutralize or mitigate actual or potential conflicts of interest so as to prevent an unfair competitive advantage or the existence of conflicting roles that might impair the performance of the TxCDBG contract or impact the integrity of the procurement process.

For procurement of goods and services, no employee, officer, or agent of the **City of Lockhart** shall participate in the selection, award, or administration of a contract supported by TxCDBG funds if he or she has a real or apparent conflict of interest. Such a conflict could arise if the employee, officer or agent; any member of his/her immediate family; his/her partner; or an organization which employs or is about to employ any of the parties indicated herein, has a financial or other interest in or a tangible personal benefit from a firm considered for a contract.

No officer, employee, or agent of the **City of Lockhart** shall solicit or accept gratuities, favors or anything of monetary value from contractors or firms, potential contractors or firms, or parties to sub-agreements, except where the financial interest is not substantial or the gift is an unsolicited item of nominal intrinsic value.

Contractors that develop or draft specifications, requirements, statements of work, or invitations for bids or requests for proposals must be excluded from competing for such procurements.

For all other cases, no employee, agent, consultant, officer, or elected or appointed official of the state, or of a unit of general local government, or of any designated public agencies, or subrecipients which are receiving TxCDBG funds, that has any CDBG function/responsibility, or is in a position to participate in a decision-making process or gain inside information, may obtain a financial interest or benefit from the TxCDBG activity.

The conflict of interest restrictions and procurement requirements identified herein shall apply to a benefitting business, utility provider, or other third party entity that is receiving assistance, directly or indirectly, under a TxCDBG contract or award, or that is required to complete some or all work under the TxCDBG contract in order to meet the National Program Objective.

Any person or entity including any benefitting business, utility provider, or other third party entity that is receiving assistance, directly or indirectly, under a TxCDBG contract or award, or that is required to complete some or all work under the TxCDBG contract in order to meet a National Program Objective, that might potentially receive benefits from TxCDBG awards may not participate in the selection, award, or administration of a contract supported by CDBG funding.

Any alleged violations of these standards of conduct shall be referred to **the City of Lockhart Attorney**. Where violations appear to have occurred, the offending employee, officer or agent shall be subject to disciplinary action, including but not limited to dismissal or transfer; where violations or infractions appear to be substantial in nature, the matter may be referred to the appropriate officials for criminal investigation and possible prosecution.

Passed and approved this _____ day of January, 2020.

CITY OF LOCKHART

Lew White, Mayor

ATTEST:

APPROVED AS TO FORM:

Connie Constancio, TRMC, City Secretary

Monte Akers, City Attorney

City of Lockhart, Tx

Council Agenda Item Briefing Data

COUNCIL MEETING DATE: January 21, 2020

AGENDA ITEM CAPTION: Consider, Review and Acceptance of 1st Quarter FY 2020 Investment Report

ORIGINATING DEPARTMENT AND CONTACT: Finance – Pam Larison

ACTION REQUESTED:

- ORDINANCE RESOLUTION CHANGE ORDER AGREEMENT
 APPROVAL OF BID AWARD OF CONTRACT CONSENSUS OTHER

BACKGROUND/SUMMARY/DISCUSSION: The Texas Public Funds Investment Act requires local governments to review and accept Quarterly Investment Reports for each quarterly reporting period of the year. The 1st quarter for Fiscal Year 2020, ending December 31, 2019 is provided for your review.

PROJECT SCHEDULE (if applicable):

AMOUNT & SOURCE OF FUNDING: (to be completed by Finance)

Funds Required: 0
Account Number: n/a
Funds Available: n/a
Account Name: n/a

FISCAL NOTE (if applicable):

Previous Council Action:

COMMITTEE/BOARD/COMMISSION ACTION:

STAFF RECOMMENDATION/REQUESTED MOTION: Staff respectfully request a motion to accept the 1st Quarter FY 2020 Investment Report.

LIST OF SUPPORTING DOCUMENTS: 1st Quarter FY 2020 Investment Report.

Department Head initials:



City Manager's Review:



CITY OF LOCKHART

Quarterly Investment Report
For the Quarter Ended December 31, 2019

January 21, 2020

CITY of LOCKHART
Quarterly Investment Report
For the Quarter Ended December 31, 2019

This report is presented in accordance with the Texas Government Code, Title 10, Chapter 2256, Public Funds Investment; Section 2256.023 known as the "Public Funds Investment Act". Attached is a detailed City of Lockhart investment report for the period October 1, 2019 through December 31, 2019. The Investment Portfolio Summary reports the beginning and ending book values and market values for the quarterly reporting period as follows:

October 1, 2019

Cash
 Marketable Securities
 Investment Pools
 Certificates of Deposits
Total:

Investment Portfolio	
Book Value	Market Value
2,104,306	2,104,306
0	0
27,522,442	27,522,676
0	0
29,626,748	29,626,982

December 31, 2019

Cash
 Marketable Securities
 Investment Pools
 Certificates of Deposits
Total:

October 1, 2019

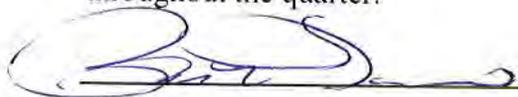
Unrestricted Funds
 Restricted Funds
 Total Funds

Fund Availability	
8,039,018	8,039,018
21,587,730	21,587,964
29,626,748	29,626,982

December 31, 2019

Unrestricted Funds
 Restricted Funds
 Total Funds

The investment portfolio, at all times during the quarter, complied with the Public Funds Investment Act and the City of Lockhart Investment Policy. TexPool, Texas CLASS and TexSTAR were also in compliance with the Public Funds Investment Act and the City of Lockhart Investment Policy throughout the quarter.



Pam Larison
 Finance Director

01/14/2020

Date

CITY of LOCKHART
Investment Portfolio Summary
For the Quarter Ended December 31, 2019

	Investment Portfolio			
	Book Value	% of Total	Market Value	% of Total
<u>October 1, 2019</u>				
Cash	2,104,306	7.1%	2,104,306	7.1%
Marketable Securities	0	0.0%	0	0.0%
Investment Pools	27,522,442	92.9%	27,522,676	92.9%
Certificates of Deposits	0	0.0%	0	0.0%
Portfolio Total	29,626,748	100.0%	29,626,982	100.0%
<u>December 31, 2019</u>				
Cash	2,875,221	9.1%	2,875,221	9.1%
Marketable Securities	0	0.0%	0	0.0%
Investment Pools	28,664,071	90.9%	28,664,352	90.9%
Certificates of Deposits	0	0.0%	0	0.0%
Portfolio Total	31,539,293	100.0%	31,539,574	100.0%
<u>Change in Value</u>				
Cash	770,916		770,916	
Marketable Securities	0		0	
Investment Pools	1,141,629		1,141,676	
Certificates of Deposits	0		0	
Portfolio Total	1,912,545		1,912,591	

<u>Maturity Data</u>	Book Value @ 12/31/2019	Weighted Average Maturity	Yield to Maturity
Cash	2,875,221	0 Days	1.18%
Marketable Securities	0	0 Days	0.00%
Investment Pools - Texas CLASS	11,332,586	52 Days *	1.88%
Investment Pools - TexPool	8,934,478	36 Days *	1.68%
Investment Pools - TexSTAR	8,397,007	36 Days *	1.56%
Certificates of Deposits	0	0 Days	0.00%
	31,539,293	38 Days	1.68%

Benchmark - 4 Week Treasury Bills - Secondary Market @ December 31, 2019 1.48%

* Weighted Average Maturity of Pool Investments - City funds are available from pools upon request.

<u>Total Return On Investment</u>	Interest Earned
Cash	5,503
Marketable Securities	0
Investment Pools - Texas CLASS	56,107
Investment Pools - TexPool	35,302
Investment Pools - TexSTAR	35,421
Certificates of Deposits	0
Total Return on Investment	132,333

CITY OF LOCKHART
Cash Accounts (as reconciled to BankOZK)
For the Quarter Ended December 31, 2019

General Operating Account - FLNB		
		<u>Value</u>
October 1, 2019	\$	0
Deposits		9,232,826
Withdrawals		(6,362,424)
Interest Earned		4,731
December 31, 2019	\$	2,875,134

General Operating Account - BOTO		
		<u>Value</u>
October 1, 2019	\$	2,104,306
Deposits		3,021,185
Withdrawals		(5,126,175)
Interest Earned		772
December 31, 2019	\$	88

Total Cash Accounts		
		<u>Value</u>
October 1, 2019	\$	2,104,306
Deposits		12,254,011
Withdrawals		(11,488,599)
Interest Earned		5,503
December 31, 2019	\$	2,875,221

CITY of LOCKHART
Marketable Securities Transaction Summary
For the Quarter Ended December 31, 2019

<u>Holdings During the Quarter</u>		Purchase Date	Par Value	Coupon Rate	Date of Maturity	Yield to Maturity	Purchase Price	Quarterly Interest Earned	Beginning Value @ Par	Beginning Book Value	Beginning Market Value	Ending Value @ Par	Ending Book Value	Ending Market Value
Type of Security	CUSIP								October 1, 2019	December 31, 2019				
Totals		\$ -					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

<u>Purchases</u>		Purchase Date	Par Value	Coupon Rate	Date of Maturity	Yield to Maturity	Settlement Total	Price	Accrued Interest
Type of Security	CUSIP								
Totals		\$ -				\$ -		\$ -	

<u>Maturities</u>		Purchase Date	Par Value	Coupon Rate	Date of Maturity	Yield to Maturity	Settlement Total
Type of Security	CUSIP						
Totals		\$ -				\$ -	

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CITY OF LOCKHART
Investment Pool Transactions Summary
For the Quarter Ended December 31, 2019

TexPool					
	<u>Book Value</u>	<u>Market Value</u>	<u>Net Asset Value</u>	<u>Weighted Aver. Maturity</u>	<u>Average Monthly Yield</u>
October 1, 2019	7,884,377	7,884,928	1.00007	34 Days	2.1600%
Deposits	3,530,000				
Withdrawals	(2,515,201)				
Interest Earned	35,302				
December 31, 2019	8,934,478	8,935,103	1.00007	36 Days	1.6774%

Texas CLASS					
	<u>Book Value</u>	<u>Market Value</u>	<u>Net Asset Value</u>	<u>Weighted Aver. Maturity</u>	<u>Average Monthly Yield</u>
October 1, 2019	11,276,479	11,276,479	1.00000	50 Days	2.2000%
Deposits	0				
Withdrawals	0				
Interest Earned	56,107				
December 31, 2019	11,332,586	11,332,586	1.00000	52 Days	1.8808%

TexSTAR					
	<u>Book Value</u>	<u>Market Value</u>	<u>Net Asset Value</u>	<u>Weighted Aver. Maturity</u>	<u>Average Monthly Yield</u>
October 1, 2019	8,361,586	8,361,269	0.99996	18 Days	2.1065%
Deposits	0				
Withdrawals	0				
Interest Earned	35,421				
December 31, 2019	8,397,007	8,396,663	0.99996	36 Days	1.5643%

CITY of LOCKHART
Certificates of Deposit Transaction Summary
For the Quarter Ended December 31, 2019

Holdings During the Quarter

<u>CD Number</u>	<u>Holder</u>	<u>Purchase Date</u>	<u>Face Value</u>	<u>Interest Rate</u>	<u>Date of Maturity</u>	<u>Yield to Maturity</u>	<u>Purchase Price</u>	<u>Quarterly Interest Earned</u>	<u>Beginning Face Value</u>	<u>Beginning Market Value</u>	<u>Ending Face Value</u>	<u>Ending Market Value</u>
									<u>October 1, 2019</u>	<u>December 31, 2019</u>		
			<u>\$ -</u>						<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

Purchases

<u>CD Number</u>	<u>Holder</u>	<u>Purchase Date</u>	<u>Face Value</u>	<u>Interest Rate</u>	<u>Date of Maturity</u>	<u>Yield to Maturity</u>	<u>Purchase Price</u>
			<u>\$ -</u>				<u>\$ -</u>

Maturities

<u>CD Number</u>	<u>Holder</u>	<u>Purchase Date</u>	<u>Face Value</u>	<u>Interest Rate</u>	<u>Date of Maturity</u>	<u>Yield to Maturity</u>	<u>Settlement Total</u>
			<u>\$ -</u>				<u>\$ -</u>

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City of Lockhart
Investment Pools
Standard and Poor's Ratings

<u>Month</u>	<u>TexPool</u>	<u>TexSTAR</u>	<u>Texas CLASS</u>
January-19	AAAm	AAAm	AAAm
February-19	AAAm	AAAm	AAAm
March-19	AAAm	AAAm	AAAm
April-19	AAAm	AAAm	AAAm
May-19	AAAm	AAAm	AAAm
June-19	AAAm	AAAm	AAAm
July-19	AAAm	AAAm	AAAm
August-19	AAAm	AAAm	AAAm
September-19	AAAm	AAAm	AAAm
October-19	AAAm	AAAm	AAAm
November-19	AAAm	AAAm	AAAm
December-19	AAAm	AAAm	AAAm

City of Lockhart
Bank Collateralization
Standard and Poor's Ratings

<u>Month</u>	<u>FLNB Collateralization *</u>	<u>Bank OZK Collateralization</u>
January-19	-	AA+
February-19	-	AA+
March-19	-	AA+
April-19	-	AA+
May-19	-	AA+
June-19	-	AA+
July-19	-	AA+
August-19	-	AA+
September-19	-	AA+
October-19	AAA	AA+
November-19	AAA	AA+
December-19	AAA	AA+

* Guaranteed by US government (AAA)

City of Lockhart, Texas

Council Agenda Item Briefing Data

COUNCIL MEETING DATE: January 21, 2020

AGENDA ITEM CAPTION: Discussion and/or action to consider authorizing the submission of a Community Development Partnership Program (CDPP) Grant application to the Lower Colorado River Authority (LCRA) and authorizing the Mayor to act as the City's executive officer and authorized representative in all matters pertaining to the City's participation in the Community Development Partnership Program (CDPP).

ORIGINATING DEPARTMENT AND CONTACT: Fire Rescue; Randy Jenkins – Fire Chief

ACTION REQUESTED:

- ORDINANCE RESOLUTION CHANGE ORDER AGREEMENT
 APPROVAL OF BID AWARD OF CONTRACT CONSENSUS OTHER

BACKGROUND/SUMMARY/DISCUSSION: The CDPP grant provides funds for community projects to include fire departments within LCRA service territory. The maximum equipment award is \$25,000 with a minimum 20% (\$5,000) match. The proposed equipment includes three Self-Contained Breathing Apparatus (SCBA), six SCBA cylinders, and thirteen SCBA mask. SCBA's are worn by firefighters in any Immediately Dangerous to Life & Health (IDLH) atmosphere. Estimated project cost is \$23,147. Estimated match is \$4,629. Extrication RAM which was originally budgeted in 100-5318-912 will not be purchased due to potential grant funding and SCBA project priority.

PROJECT SCHEDULE (if applicable): CDPP grant application is due January 31, 2020. Grant must be completed within 12 months of award.

AMOUNT & SOURCE OF FUNDING:

Funds Required: \$5,000
Account Number: 100-5318-912
Funds Available: \$6,200
Account Name: Machinery & Equipment

Finance Review initials



FISCAL NOTE (if applicable):

Previous Council Action: N/A

COMMITTEE/BOARD/COMMISSION ACTION: N/A

STAFF RECOMMENDATION/REQUESTED MOTION: Staff recommends approving submittal of LCRA Community Development Partnership Program (CDPP) Grant application.

LIST OF SUPPORTING DOCUMENTS:

LCRA CDPP Grant Application, CDPP Eligibility Requirements, Scott Air-PAK X3 Pro

Department Head initials:

RS

City Manager's Review:





Community Development Partnership Program Grants

Eligibility requirements

Most local governments and nonprofit organizations in LCRA's wholesale electric and water service areas are eligible to apply for a CDPG grant. Grant recipients can include:

Cities and counties	Civic organizations
Schools	Volunteer fire departments
Libraries	Emergency medical services
Museums	Historical associations

Projects must meet these criteria to be eligible:

- Projects must be for capital improvements. Projects must meet a need in one of the following areas: education, transportation, public safety, recreation, health care, training, community planning or employment.
- The physical address of the project must be in LCRA's wholesale electric service or water service areas.
- The project must be completed within 12 months of the date the grant is received. (Failure to complete the project on schedule or abide by the terms of the letter agreement may result in LCRA requiring the recipient to return the grant.)
- An applicant must not have received a CDPG grant within 24 months.
- Grants of \$5,000 or more require a minimum 20 percent match of the total project cost; matching funds must be documented in the application.
- The grant recipient must post signage that clearly, permanently and publicly acknowledges the sponsorship of LCRA and its wholesale electric customer at the site of the project.
- The project must be maintained for the public purpose for which the grant was awarded.
- Grant applications must be signed by the chief executive administrator or officer of the organization requesting the grant.
- Upon completion of the project, the grant recipient must submit a final report with photographs of the completed project and the signage.

The types of projects that are not eligible include: completed projects; religious or church-sponsored facilities that can only be used by members; social service projects such as food pantries, transitional housing and substance abuse facilities; land acquisition projects; debt-reduction campaigns; capital campaigns; program operating costs; planning; consultants; seminar and conference fees, training or workshops (with the exception of public firefighting organizations, including volunteer fire departments); computer equipment or software; most functions carried out by a taxing entity; appliances; office equipment; and batteries.

Those ineligible to receive grants include: for-profit entities, individuals, professional associations and nonprofit organizations limited to group membership.

Click the link below to see how the Community Development Partnership Program grant applications are scored.

Scoring Information (<https://www.lcra.org/community-services/Documents/CDPPScoreSheetandCriteriaJan2019.pdf>)

Please disclose any relationship, whether business, personal or financial, with any member of the Community Development Partnership Program Review Committee. The existence of a relationship neither enhances or disqualifies an application from being approved and funded. Click the link below to see a list of CDPP Review Committee members.

N/A

CDPP Review Committee (<https://www.lcra.org/community-services/Documents/CDPP-Review-Committee.pdf>)

Eligibility Questions

Does your project fall under one of these program areas: Community Planning, Education, Employment, Health Care, Public Safety, Recreation, Transportation, Fire Department?

Yes

Please select your program area?

Fire Department

Is the project located in LCRA's wholesale electric or water service area (see map below)?

Yes

LCRA Maps (<https://www.lcra.org/about/maps/Pages/default.aspx>)

Has your organization received a CDPP grant from LCRA in the past 24 months?

No

Are you applying for fundraising or program operating costs?

These costs are not eligible for CDPP grants

No

Is your organization a nonprofit, a governmental body such as a city or county or a special tax district such as a school or hospital?

Yes

Organization and Project Information

Organization website

http://www.lockhart-tx.org/page/fire_home

Organization Facebook page

<https://www.facebook.com/LockhartFireRescue/>

Year founded

1888

Organization mission statement

The mission of Lockhart Fire Rescue is to serve and protect citizens of our community by providing the highest quality emergency response, fire prevention, health care, and public safety education

Is the organization a Volunteer Fire Department registered with the Internal Revenue Service?

Lockhart Fire Rescue is a combination fire department (paid and volunteer) and a department of the City of Lockhart.

Is the organization required to file an IRS Form 990?

Yes

County where project will be located

Caldwell

Project's physical street address/location

1911 Borchert Dr. (Fire Station #2)

Project city

Lockhart

Project ZIP code

78644

Grant Request Information

Total project cost:

whole dollars only

\$23,146

Grant amount requested:

whole dollars only

\$18,517

Grant requests exceeding \$5,000 require a minimum 20 percent match of the total project cost. In-kind contributions such as labor can be counted as a matching contribution.

How much is your matching contribution?

\$4,629

What percentage of the total project cost is your matching contribution?

20%

Provide a brief description of your project (one or two sentences).**150 max characters**

Purchase 3 Self-Contained Breathing Apparatus (SCBA), 6 SCBA Cylinders and 13 SCBA Mask for Lockhart Fire Rescue.

How does this project benefit the community?

The project will enhance the safety of Lockhart Fire Rescue personnel and to the citizens of Lockhart and Caldwell County. The SCBA equipment is worn by firefighters when operating in an Immediately Dangerous to Life and Health (IDLH) atmosphere. The equipment allows firefighters to safely response to fires, hazardous material incidents, and other potential IDLH atmospheres. The new SCBA's have enhanced safety features to provide additional protection to firefighters and reliability to respond to citizens in an emergency situation.

How would this grant contribute to the health and development of your community and improve its attractiveness to public and private enterprises?

A new Fire Station #2 was recently finished at 1911 Borchert Dr. in Lockhart. The new fire station will provide service to the growing west section of Lockhart. The new SCBA equipment will enhance fire response to businesses and citizens in the growing City of Lockhart.

How would this grant improve the quality and quantity of services essential for the development of your community?

The equipment grant will provide the latest SCBA equipment for emergency response. The new Fire Station #2 in the west side of Lockhart will enhance emergency response to promote growth of business and residential in the future along the Toll Road corridor.

Why is this project needed?

Emergency equipment such as SCBA's are regulated by the National Fire Protection Agency (NFPA) 1981/1982 standards. The standard changes every 5 to 7 years. The latest standard is 2018 and has added features for the safety of firefighters. Features include a Universal Emergency Breathing Safety System (UEBSS). The UEBSS allows firefighters to share their air with downed firefighters and any other fire department regardless of brand of SCBA. The new SCBA's also has Bluetooth capability to interface with a two-way radio.

The Texas Commission on Fire Protection (TCFP) also performs compliance inspections on SCBA equipment to ensure it is operational.

The addition of the latest edition of the Scott SCBA will enhance the safety and reliability of equipment used by Lockhart Fire Rescue.

How often will the project be open or accessible to the public?

Please describe public access in detail, such as, "The museum is open 8-5 Monday through Friday," or "The Fire Department will carry the requested equipment on emergency calls 24/7."

Lockhart Fire Rescue is a 24-hour 7 day a week service. The SCBA equipment will be in front line service on apparatus every day for use by firefighters when responding to emergencies.

Who is the property owner of the project location?

The City of Lockhart

Will the requested CDDP grant funds enable the completion of the project?

Yes, the City of Lockhart has purchased two (2) of the Scott SCBA's which meet the new standards in the current budget year. The addition of the three (3) Scott SCBA's will provide the latest SCBA equipment for all on duty personnel each day.

Identify each community, city, county or region impacted by this project.

The City of Lockhart, and the unincorporated area of Caldwell County surrounding Lockhart. Lockhart Fire Rescue responds to mutual aid request from surrounding volunteer fire departments.

What is the population of the area served by this project?

13,788 (2017)

Select your electric service provider.

Bluebonnet Electric Cooperative

Does the requesting organization have a reserve/operating fund?

The City of Lockhart has an annual budget and maintains reserve funds. Lockhart Fire Rescue is part of the City of Lockhart and has a annual operating budget.

Is the fund being used for this project?

Yes

If the fund is being used, explain how. If it is not being used, explain why.

Two SCBA's have been budgeted for this year and have been ordered. Additional equipment funds budgeted for Lockhart Fire Rescue in current budget year will be used for the match portion of grant.

Additional Detail

Does the project have a water conservation component such as a rainwater catchment system, low-flow toilets or xeriscaping strategies?

No

Does the project have an energy-efficient component such as solar energy, energy-efficient lighting, windows or insulation?

No

Is there anything else you want the Review Committee to know about this grant proposal?

The SCBA is the single most important safety equipment for firefighters. It provides the highest level of respiratory protection to the wearer. As the standards are improved so is the level of protection for firefighters. One enhancement is the 45-minute cylinder which allows the firefighter to remain in the IDLH atmosphere a for longer period of time compared to the previously used 30-minute cylinder.

Attachments

Required documentation

IRS determination letter (for nonprofit organizations only)

Non-profit organizations must attach their IRS determination letter. Documents from a CPA or state Comptroller's office are not acceptable.

Budget summary

Provide a detailed budget summary for the project, including itemized costs and funding sources:

Budget-Summary-Lockhart Fire.pdf

For a template using an Excel worksheet, click here (<https://www.lcra.org/community-services/Documents/Budget-Summary-Template.xls>). For an example of a completed budget summary, click here (<https://www.lcra.org/community-services/Documents/Budget-Summary-Template.pdf>).

Provide vendor quotes or estimates for the project.

Vendor quotes should be obtained within the last six months.

Heat Safety Equipment SCBA Quote.pdf

Additional quotes/estimates

Fisher Scientific Quote.pdf

Additional quotes/estimates

Botach Quote.pdf

If no quotes are attached, explain why:

N/A

Quote/estimate 1

Heat Safety - \$23,146

Quote/estimate 2

Fisher Scientific - \$39,120

Additional documentation

Attach the organization's current fiscal statement.

Lockhart Fire FY 19-20 Budget.pdf

Include any additional documentation you believe the Review Committee would find helpful to fully understand the project and the need for it, including information about additional funding sources, property deeds and lease agreements.

Additional documentation 1

Scott Air-PAK X3 Pro.pdf

Additional documentation 2

Additional documentation 3

Photographs

If applicable, attach photographs that would help the Review Committee better understand the project and the need for it.

Picture 1



Picture 2



Key Staff and Board of Directors

Provide a list of key staff and members of the organization's governing body, such as a board of directors:

Lew White, Mayor
Angie Gonzales-Sanchez, Mayor Pro-Tem
Brad Westmoreland, Council Member At-Large
Juan Mendoza, Council Member District 1
David Bryant, Council Member District 2
Kara McGregor, Council Member District 3
Steven Lewis, City Manager
Randy Jenkins, Fire Chief

Signature

Application must be signed by the chief executive administrator or officer of the entity requesting the grant, such as city manager, executive director, general manager, board president or school superintendent.

By checking this box, I certify to the best of my knowledge and belief that all documentation in this application is true and correct.

True

Name of authorized representative

Lew White

Title

Mayor

Email

lwhite@lockhart-tx.org

Phone number

512-398-3461



SCOTT
Fire & Safety

3M™ Scott™ Air-Pak™ X3 Pro

Self-Contained Breathing Apparatus

NFPA 1981/1982, 2018 Edition



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Air-Pak™ X3 Pro SCBA

More than ready.

3M™ Scott™ Fire & Safety has been committed to serving the fire service for more than 85 years. In that time, our purpose and focus has remained unchanged – to provide the most reliable and durable personal protective equipment to ensure the safety of firefighters and first responders. The result is an Air-Pak SCBA built with quality and precision that you can trust to perform in the most demanding conditions. This level of proven, trusted performance has been carried forward with our latest Air-Pak SCBA platform.

Building on this tradition, 3M Scott Fire & Safety is proud to announce the continuation of the Air-Pak™ X3 Pro platform with its latest NFPA 1981/1982, 2018 Edition offering.

NFPA 1981/1982, 2018 Editions Standards Highlights

Second Stage Regulator Retention & Removal

- Strength of interface test added to verify the connection between the facepiece and second stage regulator
- If the SCBA incorporates a removable regulator, two distinct actions for disconnection are required prior to removal of the regulator

Pneumatic Data-logging

- All SCBA shall incorporate data-logging and, at a minimum, the following events and data points shall be identified and recorded with a date and time stamp for each event:
 - Initial activation pressure
 - SCBA pressure on the high-pressure side of the first stage pressure reducer
 - Data-logging at 30 second intervals
 - Transmission of HUD visual information signals for cylinder breathing air
 - 100%, 75%, 50%, and 35% (EOSTI)
 - Breathing rate at 30 second intervals
 - HUD deactivation pressure

Universal Emergency Breathing Safety System (UEBSS)

- New standardized fittings (Rectus type) for all manufacturers

Universal PASS Tone

- All PASS devices have a universal sound regardless of the manufacturer
 - This requirement was originally incorporated into the NFPA 1982, 2013 Edition standard as part of a Tentative Interim Amendment (TIA)



Universal UEBSS



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Air-Pak™ X3 Pro SCBA

More than ready.

The Air-Pak™ X3 Pro SCBA is built on a foundation of redundant safety features, providing unparalleled performance to protect the family of firefighters who expect the best in the most demanding conditions, with a focus on enhancing Cleanability, Comfort, and Connectivity to ensure the security and comfort of today's firefighter.

With the new As Long As You Own It Air-Pak SCBA Warranty, customers will have peace of mind knowing that their most important investment is backed for the lifetime ownership of the product.



**Proven. Trusted.
Performance.**

- New harness materials offer greater resistance to chemical exposure and less water absorption to help minimize contamination
- Easy-to-remove harness allows for cleaning and decontamination to help with exposure reduction
- New shoulder harness design improves the ease of donning and minimizes pressure points to help reduce user fatigue
- Natural articulation (i.e. waist pad) promotes greater range of motion to the user, while transferring weight to the hips for a more balanced load
- Proven regulator design offers low breathing resistance to help reduce user burden and improve operational efficiencies
- Redundant safety features afford firefighters peace of mind knowing that the SCBA will perform in the toughest environments
- 3M™ Scotchlite™ Reflective Material delivers enhanced visibility of the SCBA when operating in low light conditions, improving safety and accountability on the fireground.
- Bluetooth® enabled electronics support wireless connectivity between devices for improved configurability, data transmission/retrieval, firefighter safety and fireground accountability
- Electronic PAR (ePAR) provides wireless, bi-directional communication between the firefighter and incident command (using Monitor Pro telemetry software) to help improve fireground accountability and communications
- System Integrity Alarm provides visual and audible alerts to notify SCBA wearer and incident command (using Monitor Pro telemetry software) of impending electronics degradation due to elevated temperature.
- Integrated RFID tags provide local storage of SCBA information that can be wirelessly interrogated for asset tracking
- Proudly "Made in the USA" with attention to quality and workmanship

Safety and Performance From All Sides

5.5 Cylinder Technology minimizes weight and profile, helping to reduce user fatigue, improve productivity, and decrease injuries

As Long As You Own It Warranty provides peace of mind knowing that your most important investment is backed for your lifetime ownership of the SCBA

Proudly **"Made in the USA"** with attention to quality and workmanship

Easy-to-Remove Harness allows for cleaning and decontamination to help with exposure reduction

Meets the latest **NFPA 1981/1982, 2018 Edition** standards

Central Power Source improves battery management to minimize cost of ownership

"Buddy" Lights enable a 360° view of the firefighter's air pressure and PASS status

Universal EBSS provides compatibility between SCBA for "Buddy Breathing"

Snap-Change cylinder connection provides rapid cylinder replacement and improves cylinder charging efficiencies

Redundant Safety Features afford firefighters peace of mind knowing that the SCBA will perform in the toughest environments

RFID-Enabled Bumper tracks cylinder fill history and monitors DOT compliance (i.e. hydrostatic testing)



Safety and Performance From All Sides

Integrated Drag Rescue Loop provides a horizontal pull strength of 1000 lbs to assist with rescuing a downed firefighter

Aluminum Alloy Backframe offers a lightweight, durable design to withstand the rigors of the fireground

New Harness Materials offer greater resistance to chemical exposure and less water absorption to help minimize contamination

Proven Regulator Design offers low breathing resistance to help reduce user burden and improve operational efficiencies

Electronic PAR (ePAR) provides wireless communication between the firefighter and incident command (using Monitor Pro telemetry software) to improve fireground accountability and communications

New Buckle Design provides firm hold to prevent inadvertent loosening of shoulder and waist straps to help provide a secure fit of SCBA on the firefighter

"Buddy" Lights enable a 360° view of the firefighter's air pressure and PASS status

Naturally Articulating Waist Pad promotes greater range of motion to the firefighter, while transferring weight to the hips for a more balanced load

3M™ Scotchlite™ Reflective Material enhances visibility of the SCBA when operating in low light conditions, improving safety and accountability on the fireground



Providing Value To Our Customers

Stay Connected To Your Most Important Assets

Two of the most critical components of a successful fireground operation are maintaining personnel accountability and effective communications. These also happen to be two of the biggest challenges that fire departments are faced with today. As an incident commander, there is no greater fear than losing track of one of your firefighters and not being able to communicate. This is where 3M Scott Fire & Safety's latest SCBA solution comes in.

The Air-Pak™ X3 Pro SCBA incorporates an ePAR feature that enables an incident commander to check the PAR status of a firefighter without the need to broadcast over the radio network. Utilizing SEMS II Pro with Monitor Pro telemetry software, a PAR request is sent to the firefighter with an audible and visual alert notification. With a simple click of a button on the PASS console, the firefighter sends an acknowledgment back to incident command. By reducing excess radio traffic and relying on data transmission through the SEMS II wireless telemetry system, accountability is preserved while helping to maintain effective radio communications for when it matters most.

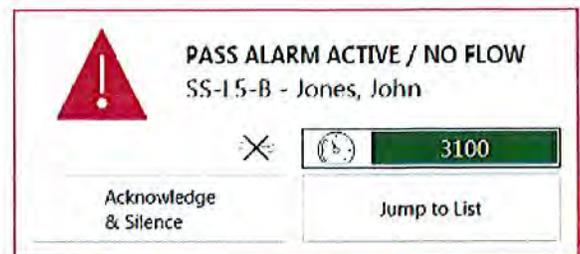
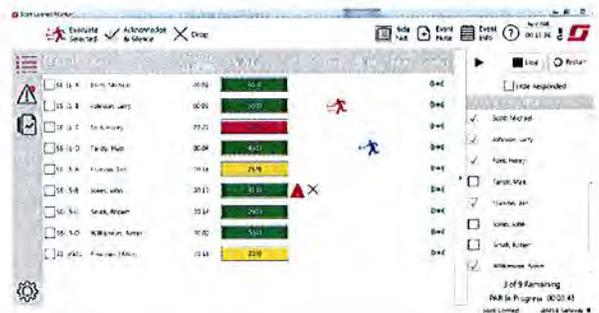


Improving Accountability One Firefighter at a Time

The Monitor telemetry software solution puts critical, real-time responder SCBA information at incident command's fingertips. Designed for use on modern, touch-enabled PCs, this easy-to-understand air management solution allows incident command to see air, PASS and EVAC data available while establishing and maintaining command. Additional alert notifications – high flow or no flow condition at full alarm PASS – provide incident command with enhanced situational intelligence to guide critical decision making.

Monitor Pro Package, paired with SEMS II Pro, further enhances communications by giving incident command the ability to electronically call for PAR (ePAR) with a simple click or tap of a button on the user interface, reducing excess radio traffic while still maintaining personnel accountability.

Monitor's automated design complements existing accountability and incident command SOGs without the burden of additional work.



Providing Value To Our Customers

Communicate Clearly



It's a no brainer. Clear radio communications on the fireground is a must-have when it comes to the safety of firefighters and other first responders. Not only is it essential that firefighters have the ability to communicate reliably between one another, but also with command and dispatch units. We all know that background noise is a fact of life on the fireground. There are noisy sirens, saws, positive pressure ventilation fans and other noise-producing equipment. Unfortunately, all of this noise compounds the firefighter's ability to hear in high noise situations, including over the radio. That's where 3M Scott Fire & Safety has stepped in.

The EPIC 3 RDI voice amplifier provides clear and loud SCBA and radio voice communications on the fireground for improved firefighter situational awareness and safety. Integrated noise suppression technology reduces environmental ambient noise from the facepiece and radio voice communications, allowing first responders to be clearly heard and understood when communicating with incident victims, team members, incident commanders, and remote dispatchers. Clear communication shouldn't be something that happens by chance. The EPIC 3 RDI offers confidence in clear communications that you can trust.



Innovation at First Sight

When you wear 3M™ Scott Sight, you get more than constant thermal vision. You get your hands back. That's because unlike other thermal imaging devices integrated into the SCBA, Sight combines a camera with a display in the facepiece without the need for reaching down and lifting a camera up. Firefighters now have both hands free for effective communication, victim extraction and carrying tools. Maintaining visibility is the key to reducing search times, hazard identification, interior accountability, navigation and egress. With the Sight in-mask thermal imager, you will never miss a thing as it is always present, always visible and hands-free. 3M Scott Sight takes situational awareness to a whole new level – Situational Intelligence!

Sight Goes Pro

Sight Pro Package is the next evolution of the industry's first in-mask, hands-free thermal imaging solution. Pro Package enables new, advanced features to provide firefighters with greater situational awareness during fireground operations.

Features:

Hot-Spot Tracker

Immediately identify the hottest part of the scene and display its relative temperature. Ideal for overhaul, search and rescue, and risk assessment.

Cold-Spot Tracker

Immediately identify the coldest part of the scene and display its relative temperature. Ideal for hazmat environments.

Tactical Video Recording (TVR)

Automatically record all the information shown on the IMD for review later.

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Our Promise to the Fire Service

As the fire services industry leader in self-contained breathing apparatus (SCBA), our role at 3M™ Scott™ Fire & Safety is not only to provide the best equipment to protect firefighters and first responders in their daily jobs, but to do our part through product design, messaging, and strategic partnerships to educate and protect the long-term health of firefighters around the world. We take that responsibility seriously and are committed to instituting change. Not only for the firefighters of today, but for the firefighters of tomorrow.

Changing the way *We Think*

3M Scott Fire & Safety is committed to supporting the extensive cancer research that is being done across the country and around the world to better understand the exposure risks faced by firefighters. These risks are not just present during tactical fireground operations, but also during overhaul and rehab. Just as important are the exposure risks faced when not operating on the fireground, including, but not limited to, riding in the apparatus with contaminated gear and equipment or storing contaminated gear in fire station living quarters.

Changing the way *We Act*

3M Scott Fire & Safety makes a promise to participate directly in the development of best practices to minimize those exposure risks faced by firefighters. Whether that be proper air monitoring procedures, respiratory protection usage during overhaul, gross decon after an incident, routine cleaning procedures, or alternative storage methods of contaminated PPE, we are committed to supporting the development of new practices, and recognizing and sharing those best practices, no matter where in the world they may originate.

Changing the way *We Advocate*

3M Scott Fire & Safety will lend our voice to this very important cause. Working with the First Responder Center for Excellence, a National Fallen Firefighter's Foundation affiliate, the Firefighter Cancer Support Network, and the Fire Service Occupational Cancer Alliance, we will use our knowledge and expertise to promote better awareness across the fire services as to the long-term exposure risks and the best practices to help reduce those risks.

Changing the way *We Lead*

At 3M Scott Fire & Safety, our commitment extends beyond education and advocacy, to the products that we design and deliver. Our promise is that every new SCBA we develop will be offered with a removable harness and webbing to aid and enhance decon procedures, both on the fireground and at the fire station. 3M Scott Fire & Safety will continue to develop industry leading respiratory protective products that will assist in preventing dangerous contaminants from being inhaled during all parts of firefighting – suppression, overhaul, clean up, and investigation. Furthermore, we will invest in sensing technologies that deliver awareness not only of immediate threats to a firefighter's life and health, but also to the long-term threats from the environment surrounding them.

More than ready.



3M™ Scott™ Fire & Safety

Personal Safety Division
Monroe Center, P.O. Box 569
Monroe, NC 28111

Phone 1-800-247-7257
Email Us-3m-ScottMonroeCSR@mmm.com
Web 3MScott.com

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City of Lockhart, Texas

Council Agenda Item Briefing Data

COUNCIL MEETING DATE: January 21, 2020

AGENDA ITEM CAPTION:

Discussion and/or action to consider Ordinance 2020-01 repealing Ordinance 02-50, in its entirety, repealing associated Construction Standards previously adopted and establishing and adopting new Construction Standards.

ORIGINATING DEPARTMENT AND CONTACT: Sean Kelley, Public Works Director

ACTION REQUESTED:

ORDINANCE RESOLUTION CHANGE ORDER AGREEMENT
 APPROVAL OF BID AWARD OF CONTRACT CONSENSUS OTHER

BACKGROUND/SUMMARY/DISCUSSION:

Subdivision, engineering, and construction approvals are vital parts of the overall development process. The City of Lockhart, developers, contractors and consultants have identified a shared belief that time, cost saving and increasing certainty for all stakeholders can be achieved in these parts of the planning process through agreed common processes for approvals, shared engineering infrastructure standards and specifications across Lockhart's growth area.

Construction Standards provide developers, engineers, contractors, property owners, local agencies and city departments the minimum typical requirements for infrastructure construction within the City of Lockhart and the ETJ. The City's first comprehensive Construction Standards were adopted as part of the City's subdivision regulations in 1987, with multiple revisions happening over the years. In 2017, major revisions to the electrical standards section were adopted. The proposed revisions are a continuation of that effort to provide a comprehensive update. Many of these sections are out of date and need to be updated to abide by the current infrastructure and design requirements of regulatory agencies such as; sidewalks, streets, water, wastewater, storm sewer, electric, driveway approaches and ADA compliance within the right-of-way. These revised Construction Standards are comparable to requirements of surrounding cities.

When developers plan a project, they typically design the project using these minimum standards unless geotechnical reports dictate stricter design requirements. Once projects are completed, the workmanship and materials are warranted through a guarantee of performance for only one year. At that point, the City will be required to maintain the public infrastructure for the lifetime of the structure.

Adopting the new improved Construction Standards will provide us with assurance that new infrastructure has been constructed to a higher standard, lessening the cost of maintenance over the lifespan of the infrastructure.

PROJECT SCHEDULE (if applicable):

AMOUNT & SOURCE OF FUNDING:

Funds Required: N/A
Account Number: N/A
Funds Available: N/A
Account Name: N/A

Finance Review initials



FISCAL NOTE (if applicable):

Previous Council Action: Previous amendments to the Construction Standards.

COMMITTEE/BOARD/COMMISSION ACTION: None.

STAFF RECOMMENDATION/REQUESTED MOTION:

Staff recommends approval of Ordinance 2020-01, as presented.

LIST OF SUPPORTING DOCUMENTS:

Ordinance 2020-01 which includes the new Construction Standards as Exhibit A.

Department Head initials:

City Manager's Review:



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ORDINANCE 2020-01

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LOCKHART, TEXAS, REPEALING ORDINANCE 02-50, IN ITS ENTIRETY, REPEALING ASSOCIATED CONSTRUCTION STANDARDS PREVIOUSLY ADOPTED AND ESTABLISHING AND ADOPTING NEW CONSTRUCTION STANDARDS; PROVIDING FOR APPLICABILITY AND SEVERABILITY; PROVIDING A REPEALER; PROVIDING FOR PENALTY; PROVIDING FOR PUBLICATION AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City Council desires to amend the City of Lockhart Construction Standards by repealing those currently in place and adopting new standards in their entirety.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LOCKHART, TEXAS THAT:

- I. Ordinance No. 02-50, adopted November 19, 2002, is hereby repealed in its entirety, together with all City of Lockhart Construction Standards heretofore adopted and replacing the same in their entirety with the Construction Standards contained in **Attachment "A,"** which is hereby incorporated herein for all purposes.
- II. The new construction standards adopted hereby shall be applicable only to projects and applications, as provided by Ch. 245, Texas Local Government Code, submitted to the City following the effective date of this Ordinance
- III. **Severability:** If any provision section, clause, sentence, or phrase of this ordinance is for any reason held to be unconstitutional, void, invalid or unenforceable, the validity of the remainder of this ordinance or its application shall not be affected, it being the intent of the City Council in adopting and of the Mayor in approving this ordinance that no portion, provision, or regulation contained herein shall be inoperative or fail by way of reason of unconstitutionality or invalidity of ant other portion, provision, or regulation.
- IV. **Penalty:** Any person who violates any provision of this ordinance shall be guilty of a misdemeanor, and upon conviction shall be fined as provided in Section 1-8 of the City Code.
- V. **Publication:** The City Secretary is directed to cause this ordinance caption to be published in a newspaper of general circulation according to law.
- VI. **Effective Date:** This ordinance shall become effective 10 days from its passage.

PASSED, APPROVED AND ADOPTED this the _____ day of _____, 2020.

CITY OF LOCKHART

Lew White, MAYOR

ATTEST:

APPROVED AS TO FORM:

Connie, Constancio, TRMC
City Secretary

Monte Akers, City Attorney

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CITY OF LOCKHART
TEXAS

CONSTRUCTION
STANDARDS
(DRAFT FOR REVIEW)



Lockhart

The BBQ Capital of Texas

Originally adopted by City Council April 28, 1987

Latest Revision: January 2020

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CHAPTER 1 – GENERAL PROVISIONS

I. PURPOSE AND SCOPE

These construction standards are a supplement to the Subdivision Ordinance of the City and constitute the minimum requirements for the construction of the municipal improvements within the Corporate Limits of the City and of such improvements in those areas which may be annexed by the City. They provide guidance to sub-dividers, developers, engineers, and contractors with respect to design, materials, and methods which will be used in construction of municipal improvements.

Approval, in writing, of variance from these Construction Standards and of additional design, details, and specifications is required as part of the procedure of the subdivision process or, after approval by the Council of the final plat and engineering plans, by the City Manager, acting on behalf of the Council, and upon recommendation of the City Staff.

II. DEFINITIONS AND ABBREVIATIONS

A. See Chapter 52 – Subdivision Regulations, Section 52-2.

B. The following definitions and abbreviations are added:

- | | |
|---------------|---|
| 1. AASHTO | American Association of State Highway and Transportation Officials |
| 2. ANSI | American National Standards Institute |
| 3. ASTM | American Society for Testing and Materials |
| 4. AWWA | American Water Works Association |
| 5. BUILDER | A person or firm engaged by a lot owner to erect one or more structures and make connections to city streets and/or services. |
| 6. CI | Cast Iron |
| 7. CONTRACTOR | A person or firm engaged by the sub-divider to construct public improvements according to plans and documents approved by the City. |
| 8. DI | Ductile Iron |
| 9. NEC | National Electrical Code |
| 10. NSF | National Sanitation Foundation |
| 11. PPM | Parts Per Million |
| 12. PS | Pipe Stiffness |
| 13. PSI | Pounds per Square Inch |
| 14. PVC | Polyvinyl Chloride |
| 15. RCP | Reinforced Concrete Pipe |
| 16. SDR | Standard Dimension Ratio |

-
- 17. TCEQ Texas Commission on Environmental Quality
 - 18. TxDOT Texas Department of Transportation
 - 19. TWDB Texas Water Development Board

CHAPTER 2 – WATER DISTRIBUTION SYSTEM STANDARDS

I. GENERAL REQUIREMENTS

A. Standard Requirements

All water line connections shall be in compliance with the following rules, regulations, and standards:

1. Rules and Regulations for Public Water Systems, TCEQ, latest edition.
2. Insurance Services Office's (ISO) Fire Suppression Rating Schedule (FSRS) rating system of the Texas Department of Insurance, latest edition.
3. AWWA, ASTM and ANSI technical standards latest editions.
4. Whenever TCEQ and City of Lockhart Specifications conflict, the more stringent shall apply.

B. Design Requirements

1. Minimum Pressure – Water lines shall be sized to provide a minimum dynamic pressure of 35 psi at an instantaneous demand of 2.0 gallons per minute per connection.
2. Minimum Diameter – Except for service lines, all mains shall have a diameter of not less than eight inches (8").
3. Gate Valves – Gate valves shall be provided on all water mains so that repairs can be made without inactivating more than 500 feet of water mains in commercial and industrial areas, nor more than 800 feet in residential areas. Gate valves are required at each fire hydrant connection and every tee and cross fitting. Tees shall have two (2) gate valves and crosses shall have three (3) gate valves.
4. Water Mains – Water mains are defined as pipelines eight inches (8") in diameter or greater. All water mains must extend to the most distant border of the proposed subdivision. A valve, plug, and concrete block shall be provided on the end of each main so that an extension of the main can be made without removing the main from service. See Details for location of water main within street right of way. Dead end mains are not acceptable except in special situations when approved by the City Engineer.
5. Service Lines – Service lines are defined as the lines extending from the mains to the meters. All service lines shall be extended to within one foot (1') of lot lines.
6. Fire Hydrants – In residential areas, fire hydrants shall be spaced at not more than 600 foot intervals along the mains and located so that all areas are not more than 500 feet from a hydrant. In commercial, industrial, and high-density areas, fire hydrants shall be spaced at not more than 300 foot intervals along the mains. Hydrants shall be located at street intersections when practical. If existing mains are present, hydrants shall be installed to meet coverage requirements. Hydrants shall be located between one and a half feet (1'-6") to seven feet (7'-0") from the face of curb.
7. Meters – Meter installations shall be completed and ready for service. The City of Lockhart will furnish and install the meter only.

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8. Separation between water and wastewater lines shall comply with Title 30 of the Texas Administrative Code (TAC) §290.44(e).

II. MATERIALS

A. General

All water main pipe used in distribution systems shall be rated for a minimum pressure of 150 psi, shall display the appropriate AWWA specification stamp, shall display the NSF stamp, and be approved by Underwriters Laboratories or Factory Mutual for fire service. Higher rated pressure pipe shall be used where conditions require. All pipe eight inches (8") and larger shall be PVC, concrete steel cylinder, or DI, as detailed below. All main line fittings shall be CI, DI, or concrete steel cylinder.

B. PVC Pipe

All eight inch (8") and larger PVC pipe shall conform to AWWA Specification C-900, ASTM D2241 or latest revision SDR 18, Pressure Class 235. PVC fittings shall not be used with PVC pipe of four inch (4") diameter or larger. PVC pipe for potable water lines shall be blue in color to differentiate it from wastewater PVC pipe.

C. Concrete Steel Cylinder

1. Except as otherwise modified or supplemented herein, the latest revision of AWWA Specification C-301 for "Prestressed Concrete Pressure Pipe, Steel Cylinder Type, for Water and Other Liquids" shall govern the design, component materials, manufacture, and testing of all concrete-steel cylinder pipe furnished.
2. All pipes shall be AWWA Class 150 and shall be designed for a minimum internal working pressure of 150 psi, a maximum surge pressure of 150 psi, minimum surge pressure of -10 psi, and a minimum external load equivalent to six feet (6') of earth cover. Where the depth of bury of the pipe is indicated to be greater than six feet (6') in the engineering plans or job plans the design of the pipe shall be suitable for the earth loads indicated.
3. A tabulated layout schedule with reference to the stationing and grade lines shown on the job plans shall be submitted to the City for approval.
4. Each special section and length of straight pipe shall have plainly marked on the inside of the bell end the class of pipe and identification marks sufficient enough to show the proper location of the pipe by reference to job plans.
5. Pipe 16 inches through 42 inches (16"- 42") in size shall be furnished in nominal lengths of 20 feet (20') and pipe 48 inches through 72 inches (48"- 72") in size shall be furnished in nominal lengths of 16 feet (16'), except that this requirement may be modified by design requirements of the particular job.
6. Each joint of pipe shall be furnished with a rubber gasket and a 12 inch diaper.

D. DI Pipe

The requirements for DI pipe shall meet the current AWWA Specification C-151 and shall be Thickness Class 50 at a minimum.

E. Fittings

All fittings shall conform to the current AWWA Specification C-110. Mechanical joints shall be used for all underground fittings, shall be lined with cement mortar, and coated with a bituminous coating. Joint restraints shall be used where required based on pipe materials, site conditions and fitting type. Flanged joints shall be used for all above ground fitting.

F. Fire Hydrants

1. General – Fire hydrants shall conform to AWWA Specification C-502 and shall have one (1) each 4-1/2 inch pumper connection and two (2) each 2-1/2 inch hose connections. Threads for hose connections shall be National Standard Threads.
2. Operating Nut – The operating nut shall be designed to prevent the seepage of rain into the top of the bonnet.
3. Bonnet – The bonnet or hydrant top shall be free-draining easily replaceable without shutting off the hydrant from the water main and shall contain means of automatically lubricating all operating threads.
4. Breakaway Design – The hydrant shall be of such design that the entire top barrel may be broken away, as by traffic collision without causing leakage and the broken hydrant shall be repairable without any excavation.
5. Main Valve – The main valve shall be compression closed with a 5-1/4 inch valve seat and the pipe connection shall be a six inch (6") mechanical joint.
6. Type – Hydrants shall be improved type Mueller.
7. Fire hydrant leads shall be Ductile Iron Pipe.

G. Isolation Valves

1. Gate valves shall be used for isolation of potable water lines and shall conform to the Standard Specifications for Gate Valves for Ordinary Water Works Service, AWWA C 515 or latest revision for valves up to 12", and AWWA C 500, or latest revision for sizes over 12". All gate valves shall be iron body, bronze mounted, resilient seat or double disc, parallel seat, non-rising stem, internal wedging type.
2. In lieu of gate valves, butterfly valves with rubber seats may be used for all valves larger than or equal to eighteen inches (18"). Valves bodies shall be CI or DI and conform to the latest revision of AWWA Standard C-504, Class 150-B. All interior wetted ferrous surfaces of the valve, including the disc, shall be coated for potable water service in accordance with AWWA C-550, latest revision.

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3. Underground Installations – For underground installations non-rising stem and yoke valves with square operating nuts shall be used. Valve stem shall have a minimum depth of 18" and 24" maximum from finished grade. Valve stems lower than maximum allowed will require an extension to be placed so the stem is within 18" – 24" of finished grade.
 4. Direction of Opening – Direction of opening shall be counter clockwise.
 5. Type – Valves shall be manufactured Mueller, Clow, American or equal as approved by the City, and rated for 300 psi test pressure and 150 psi minimum working pressure.

H. Gate Valve Boxes

Valve boxes shall be the two-piece screw type, adjustable by screwing the upper section over the lower section. Flanges on both sections shall serve to locate the upper section and hold it in place. Boxes shall be CI, shall have a cover designed for easy removal for access to the valve operating nut, and shall be marked "WATER" for ready identification.

I. Service Connections

Water service shall be provided to each separate tract or lot. The service connection shall include the items as shown in the Details.

1. Service Line – Service lines smaller than 2" from the water mains to the meter installation shall be Type "K" soft copper conforming to ASTM Specification B-88, or latest revision and rated at 150 psi working pressure. Service lines larger than or equal to 2" shall include galvanized threaded nipples conforming to ASTM A733 from the main to a gate valve and restrained coupling adapter, then be Schedule 80 PVC (meeting ASTM D1785) or HDPE (meeting AWWA C901) from the coupling to the meter installation. All service line material shall bear the NSF 61 seal of approval for potable water pipe.
2. Meter Valve – Meter valves shall be Mueller or approved equal angle stop with compression fitting on one end and meter coupling nut on the other end to connect to meter. Meter valves shall have wings for locking the valve in the closed position. Locking holes shall be not less than 7/16-inch diameter.
3. Meter Box – Meter boxes shall be plastic with plastic covers as manufactured by DFW Plastics, Inc. or approved equal.
4. Corporation Stop – Services lines smaller than 2 inches (2") shall use brass stops for connecting tubing to service clamps by Mueller or approved equal with compression by CC thread fittings.
5. Gate Valve – Services lines larger than or equal to 2" shall have gate valves by Mueller with threaded fittings.
6. Tapping Saddle – Tapping saddles shall be Mueller or approved equal double strap with CC thread.

III. WATER DISTRIBUTION SYSTEM CONSTRUCTION

A. Trench Construction

-
1. Not more than 300 feet of trench shall be opened in advance of pipe installation and pipe shall be laid in all opened ditch by the end of the work day. A test type plug shall be installed in the open ends of all pipes at the end of each day.
 2. All pipes shall be installed to provide a minimum cover of 36 inches, except that under road side ditches and road crossing, a minimum of 42 inches is required. Additional cover and encasement may be required where conditions dictate.
 3. Trenches shall be excavated by a trenching machine, except where hand trenching is required. The banks of trenches shall be vertical above the top of the pipe. Trench width shall extend four inches (4") to eight inches (8") beyond each side of the pipe bell. Depth of trench shall provide for installing in the exposed end of line.
 4. In rock, the excavation shall be carried three inches (3") below the bottom of the pipe bell, and loose earth or gravel, thoroughly tamped, shall be used for backfilling to the grade of the bottom of the pipe line.

B. Bedding

Pipe Embedment Materials:

For pipe 12 inches (12") in internal diameter and smaller, the embedment material shall meet ASTM C33, No. 67. See Details W-1A/B.

For pipe larger than 12 inches (12") in internal diameter, the embedment material shall meet ASTM C33, No. 57. See Details W-1A/B.

1. Pipe shall be installed on a minimum six inch (6") embedment material. The pipe shall be covered by not less than twelve inches (12") of compacted embedment material.

C. Installation

Pipe shall be installed in accordance with the manufacturer's recommended procedure for each type of pipe, using trench construction and bedding as set forth above.

1. DI pipe shall be wrapped with a polyethylene wrap of at least eight (8) mils thickness. The polyethylene wrap shall be at least two feet (2') longer than the pipe joint to provide overlap at each juncture. Plastic tape used to join pieces of the wrap shall be 1-1/2 inches wide and ten (10) mils thick.
2. Concrete encasement shall be used for protection of water lines where required by City Engineer.

D. Backfill

After inspection of pipe installation and approval by the City given on any completed portion of the work the trench may be backfilled.

1. Backfill Materials for trenches not to be in proposed street areas, existing streets, or within 3' of the back of curb or edge of pavement must include specified embedment material and may be backfilled with excavated materials that are void of rocks and other objects larger than 4" in diameter.
2. Backfill in areas that will be in existing or proposed streets or within 3' of the back of- curb or edge of pavement must include specified embedment material up to the specified sub-grade elevation in the construction plans.

E. Pipe Restraints

1. Pipe restraints shall be used at all valves and fittings. Restraints shall be used a minimum of three (3) joints of pipe from each side of the valve or fitting, for dead end lines, or as required by City. Additional restraint length may be required depending on type of fitting, pipe material, and pipe size.

F. Concrete Thrust Blocks

1. Concrete thrust blocking shall be placed behind bends, tees, crosses, and ends. Concrete support cradles or blocking shall be required for the support of all fire hydrants, valves, and AWWA C110 fittings; such support shall be provided for AWWA C153 fittings when required by the engineer. See Detail W-10.

IV. DISTRIBUTION SYSTEM TESTING AND DISINFECTING

A. Pressure Testing

1. After a pipeline section has been laid, services installed, valve-off, and at least six inches (6") of compacted backfill have been placed over the top of the pipe. The pipe shall be slowly filled with water in a manner that will expel all air from the pipeline. With the line full, the test pressure shall be applied by means of a pump connected to the pipe in a manner satisfactory to the City. The pump, pipe connection, and necessary apparatus shall be furnished by the Contractor. The test pressure (Hydrostatic) shall be 150 psi minimum and shall be maintained for one hour (1) inspected by the City Personnel, allowable leakage shall be determined by a water meter provided by the Contractor. At no time shall two or more lines in different size be tested at the same time. Contractor shall perform a preliminary test prior of calling City Personnel. One gauge shall be located at the pump and the other shall be located at a remote high point location on the line.

Allowable hydrostatic leakage rates must comply with the following formula:

$$L = \frac{SD (P^2)^{\frac{1}{2}}}{148,000}$$

Where *L* = Allowable leakage, gallons per hour
S = Length of pipeline tested, in feet
D = Nominal diameter of the pipe, in inches

P = Average test pressure during hydrostatic test, in pounds per square inch gauge (psig)

2. Contractor shall notify the City of Lockhart Water Department 48 hours in advance of opening valve(s) to fill new water mains. City personnel shall witness operation to prevent low water pressure within the area. Caution shall be taken in preventing cross-connection contamination. Contractor shall keep record of water loss when charging and flushing lines and submit records to the Water Department.
3. Final testing of each section shall be observed and approved by the City.

B. Disinfection

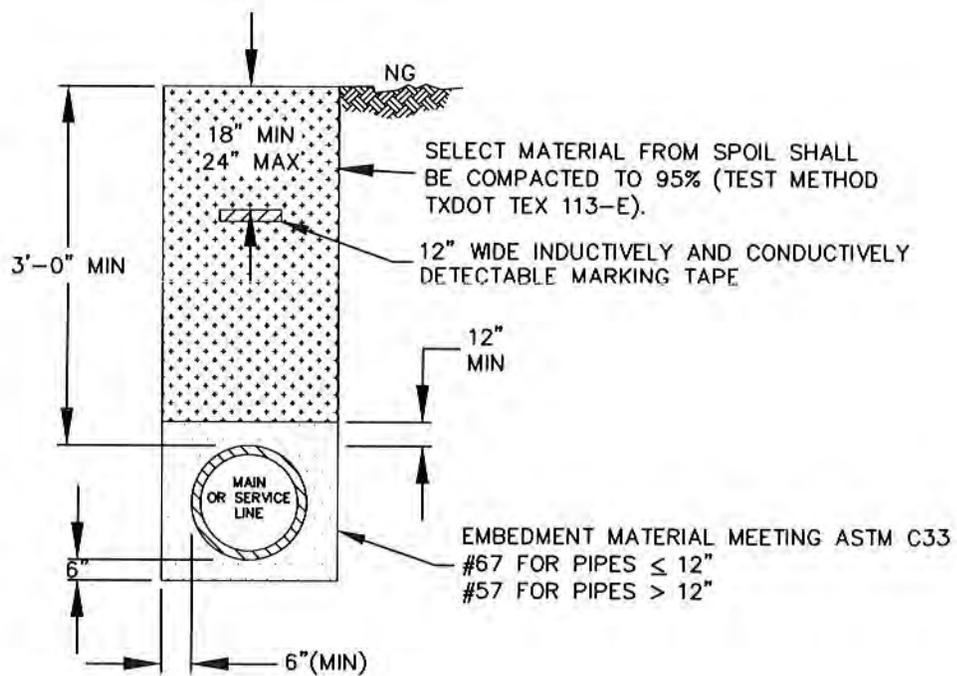
New mains shall be thoroughly disinfected in accordance with AWWA Standard C651 and then flushed and sampled before being placed in service. Samples shall be collected for microbiological analysis to check the effectiveness of the disinfection procedure. Sampling shall be repeated if contamination persists. A minimum of one sample for each 1,000 feet of completed waterline will be required or at the next available sampling point beyond 1,000 feet as designated by the Engineer.

1. Initial Flushing – Before initial flushing, Contractor shall notify the City's Water Department Inspector to coordinate water availability. The pipeline section shall be flushed prior to disinfection. Flushing shall be done through a fire hydrant opening if there is a hydrant on the end of the section, or through a tap on the end of the line which provides a two-inch (2") orifice. The line shall be flushed for a period of time equal to one minute for each 100 feet of line, or until the water being discharged is no longer transporting visible particles, whichever is longer.
2. Chlorination – The forms of chlorine that may be used in disinfection operations are sodium hypochlorite and calcium hypochlorite conforming to ANSI/AWWA B300. Chlorination products must be ANSI/NFS 60 certified.
 - a) The chlorinating agent selected shall be applied through a tap on the pressure side of the gate valve controlling the flow of water into the new line. The chlorinating agent shall be added at a rate such that the application shall be at least 50 ppm.
 - b) The application shall be continued until the water being discharged at the far end of the new section shows that the chlorine solution has reached the length of the new section, after which the valves shall be closed, and the new section isolated for at least 24 hours. All valves, hydrants, and meter angle stops shall be operated during the chlorination process.
 - c) If at the end of the detention period of 24 hours the water does not indicate at least 10 ppm residual, a second dosage of 50 ppm shall be applied as before and retained for at least 12 hours, and this process shall be repeated until the residual at the end of the 12 hour period is at least 10 ppm. Isolation shall not exceed 48 hours.
 - d) During all chlorination work, care shall be taken to prevent highly chlorinated water from flowing back into the line supplying the water to the new line.

-
3. Final Flushing and Testing – Following the chlorination of each section, the section shall be thoroughly flushed until the water being discharged has the same chlorine residual as the water being used to feed the system. A sample of water, taken at the extremity of each newly constructed section, shall be obtained and tested. Microbiological analysis shall be submitted to a laboratory that has National Environmental Laboratory Accreditation (NELAC), accredited by the TCEQ. If the samples are not of the same purity and quality as the water injected into the section, the section will not be accepted. Samples shall be taken from taps located and installed in such a way as to prevent outside contamination. Results of the laboratory analysis shall be provided to the City. Samples shall be taken every 1,000 feet of line from taps already in place or installed by the Contractor at his own expense. City personnel shall witness the operation.

V. WATER DISTRIBUTION SYSTEM DETAILS

Detail	Detail No.
Trench Detail	W-1A
ROW Trench Detail	W-1B
Concrete Encasement	W-2
Typical Utility Placement	W-3
Standard Valve Installation	W-4
Fire Hydrant	W-5
Single Service Connection	W-6
Double Service Connection	W-7
Multi Service Connection	W-8
2" Blow off Valve	W-9
Thrust Blocking	W-10
Water Main Offset	W-11
Pipe Encasement	W-12



NOTE:

1. THIS DETAIL SHALL ONLY BE USED WHEN TRENCH EDGE IS MORE THAN 3'-0" FROM EXISTING OR FUTURE PAVEMENT.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:
TRENCH DETAIL

SCALE:
NTS

DRAWING No.
W - 1A

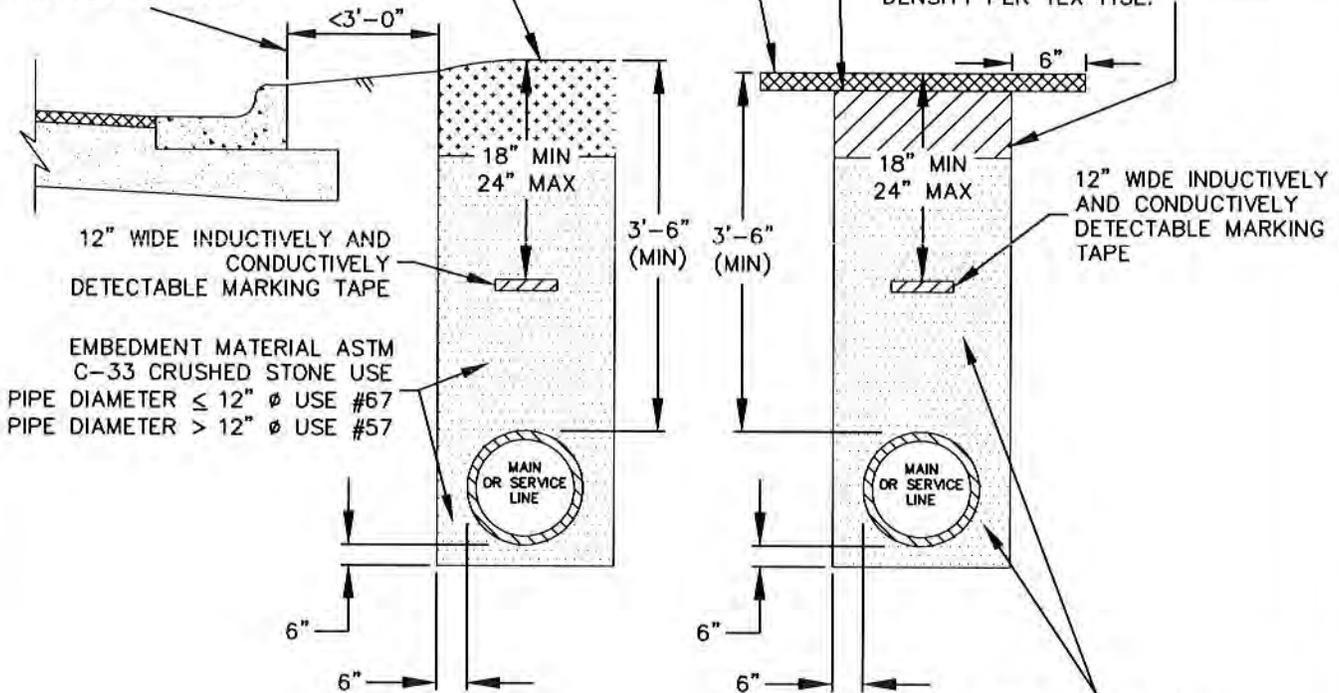
WHEN PAVED SURFACE IS TO BE PERMANENT, SURFACE MATERIAL SHALL BE EQUAL TO MATERIAL REMOVED—MINIMUM AMOUNTS: 2" HMAC (TXDOT ITEM 340, TYPE D) COMPACTED TO 97% DENSITY, OR 6" CONCRETE. EXISTING ASPHALT AND CONCRETE TO BE SAW CUT.

SURFACE SHALL BE CLEANED THOROUGHLY OF LOOSE MATERIAL, RECOMPACTED AND TACK COAT APPLIED BEFORE PAVEMENT SURFACE IS INSTALLED.

12" SELECT MATERIAL SHALL BE COMPACTED TO 95% WITHIN THE ROW (TEST METHOD TXDOT TEX 113-E)

8" FLEX (CRUSHED STONE) BASE (TXDOT ITEM 247, TYPE A, GRADE 1) AND 4" TXDOT ITEM 340 TYPE B HMAC (BLACK BASE) BACKFILL WHEN MAIN OR SERVICE IS UNDER STREET OR DRIVEWAY PAVEMENT. COMPACTED IN 6" LIFTS TO 100% DENSITY PER TEX 113E.

BACK OF CURB, PAVEMENT EDGE OR SIDEWALK EDGE



12" WIDE INDUCTIVELY AND CONDUCTIVELY DETECTABLE MARKING TAPE

12" WIDE INDUCTIVELY AND CONDUCTIVELY DETECTABLE MARKING TAPE

EMBEDMENT MATERIAL ASTM C-33 CRUSHED STONE USE PIPE DIAMETER ≤ 12" Ø USE #67 PIPE DIAMETER > 12" Ø USE #57

EMBEDMENT MATERIAL ASTM C-33 CRUSHED STONE PIPE DIAMETER ≤ 12" Ø USE #67 PIPE DIAMETER > 12" Ø USE #57

NOTES

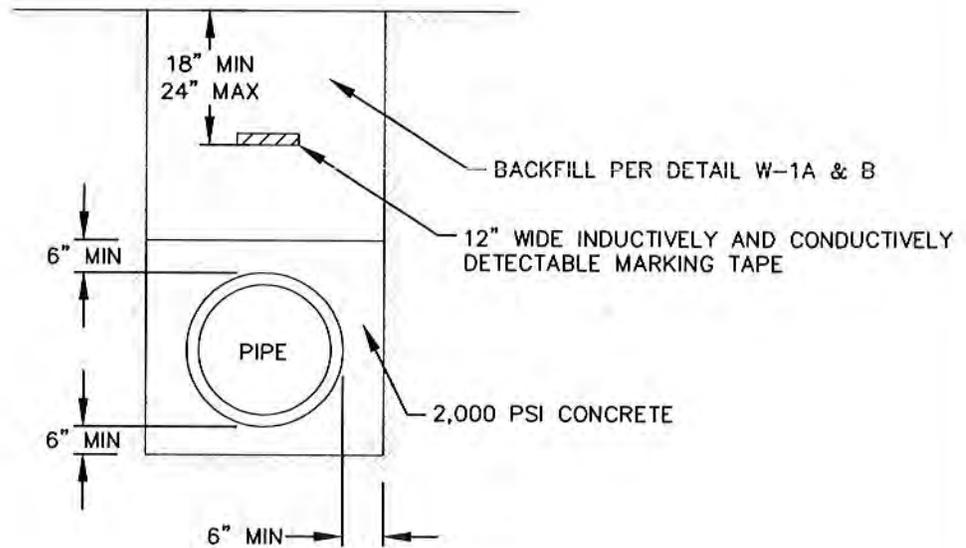
1. WHEN TUNNELING UNDER EXISTING CURB, CRUSHED STONE BASE SHALL BE COMPACTED TWO FEET BEHIND CURB AND TO WITHIN 6" OF THE BOTTOM OF THE CURB. THE 6" VOID UNDER THE CURB SHALL BE FILLED WITH 2,000 PSI CONCRETE.
2. UTILITY TRENCHES PLACED WITHIN THE STREET PAVEMENT OR WITHIN 3' OF THE BACK OF CURB OR EDGE OF EXISTING OR PROPOSED PAVEMENT SHALL COMPLY WITH THIS DETAIL.
3. FOR ASPHALT OR CONCRETE STREET REPAIRS WHERE THE SAW CUT PAVEMENT EDGE WILL BE WITHIN 3' OF EDGE OF EXISTING PAVEMENT OR LIP OF GUTTER, THE EXISTING PAVEMENT SURFACE BETWEEN THE DITCH LINE AND EDGE OF PAVEMENT OR LIP OF GUTTER SHALL BE REMOVED AND REPLACED WITH MATERIAL SPECIFIED.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:		APRIL 1987	
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1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	
R.O.W. TRENCH DETAIL	
SCALE:	DRAWING No.
NTS	W - 1B

87



NOTE:

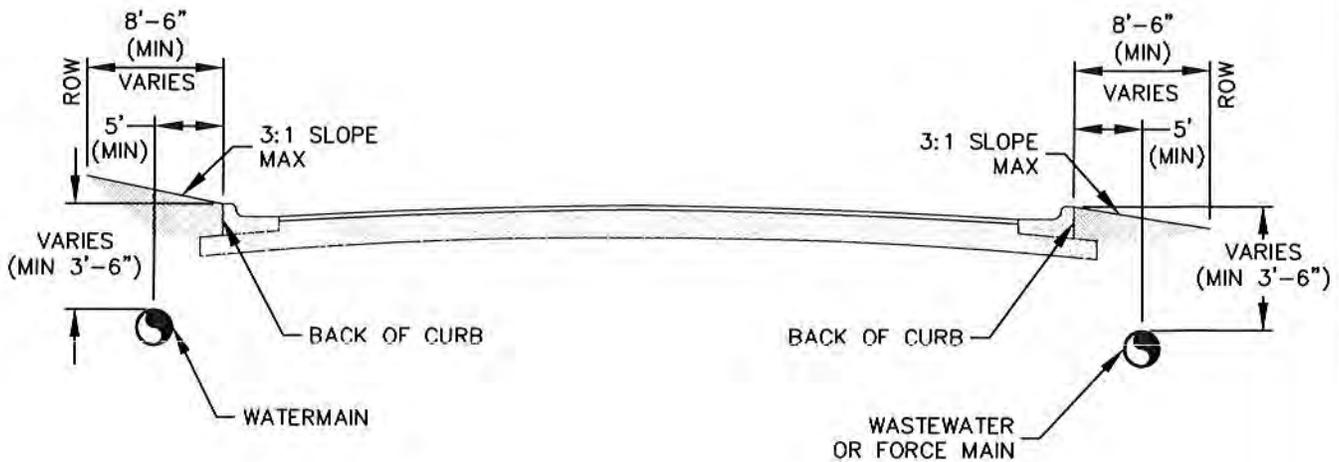
1. CONCRETE ENCASEMENT SHALL BE USED FOR PROTECTION OF WATER MAINS WHEN REQUIRED.

THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	
CONCRETE ENCASEMENT	
SCALE:	DRAWING No.
NTS	W - 2

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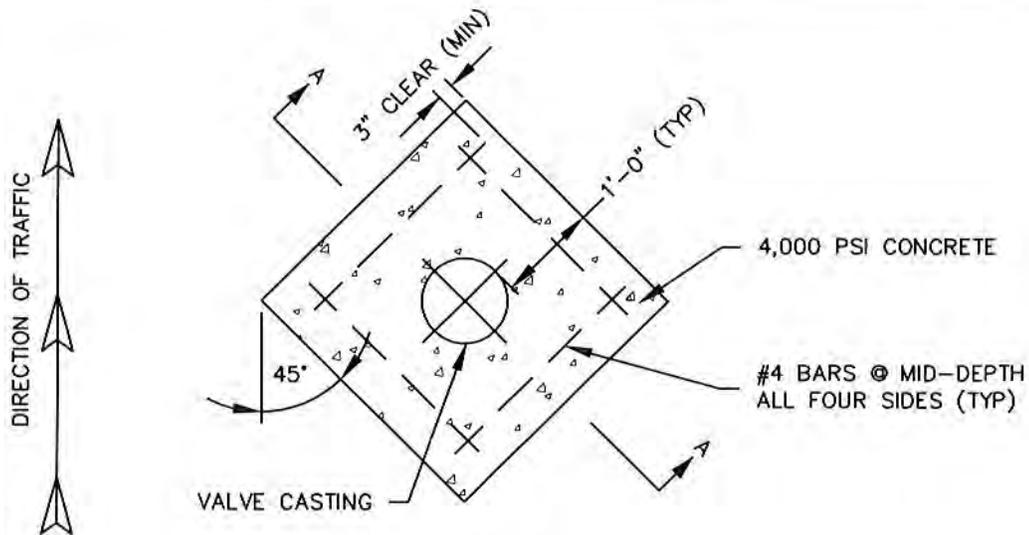
NOTE:

1. WATER MAINS SHALL BE INSTALLED ON THE UPHILL SIDE OF THE STREET AND WASTEWATER MAINS INSTALLED ON THE DOWNHILL SIDE OF THE STREET.
2. CENTERLINE OF UTILITIES SHALL ONLY BE PLACED WITHIN 5' OF BACK OF CURB OR EDGE OF PAVEMENT WITH PRIOR APPROVAL OF CITY.

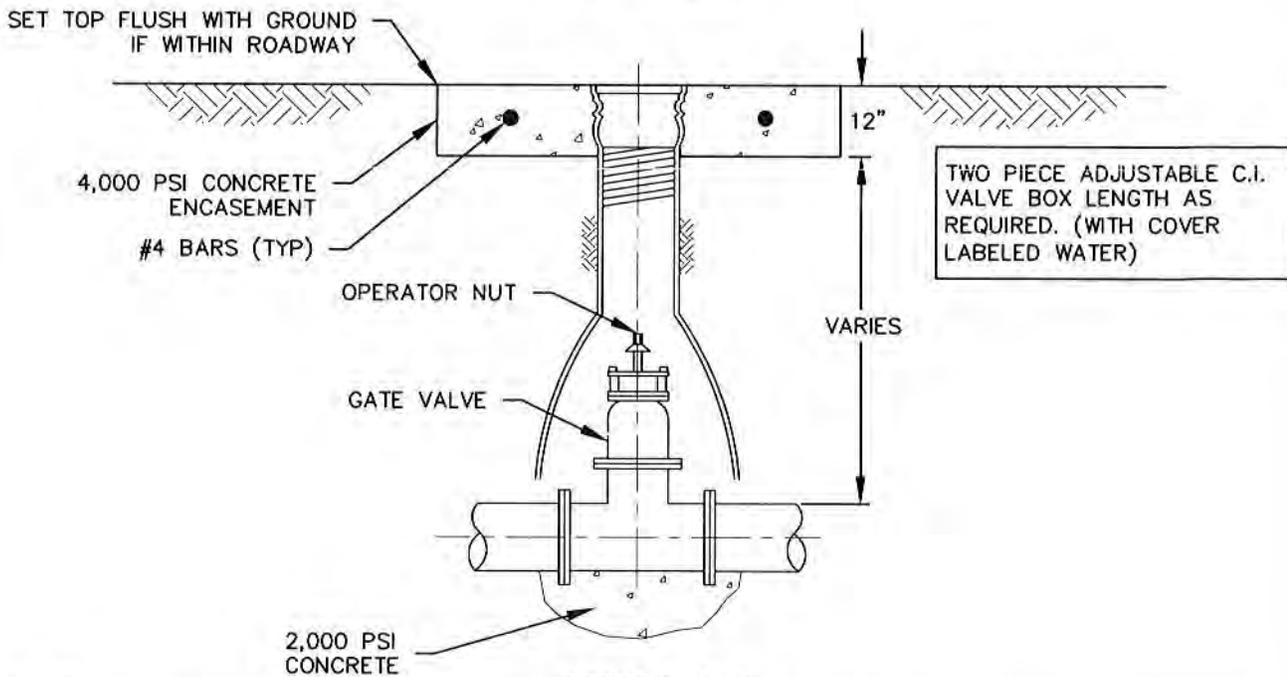
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:	APRIL 1987		
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	
TYPICAL UTILITY PLACEMENT	
SCALE:	DRAWING No.
NTS	W - 3



PLAN VIEW



SECTION A-A

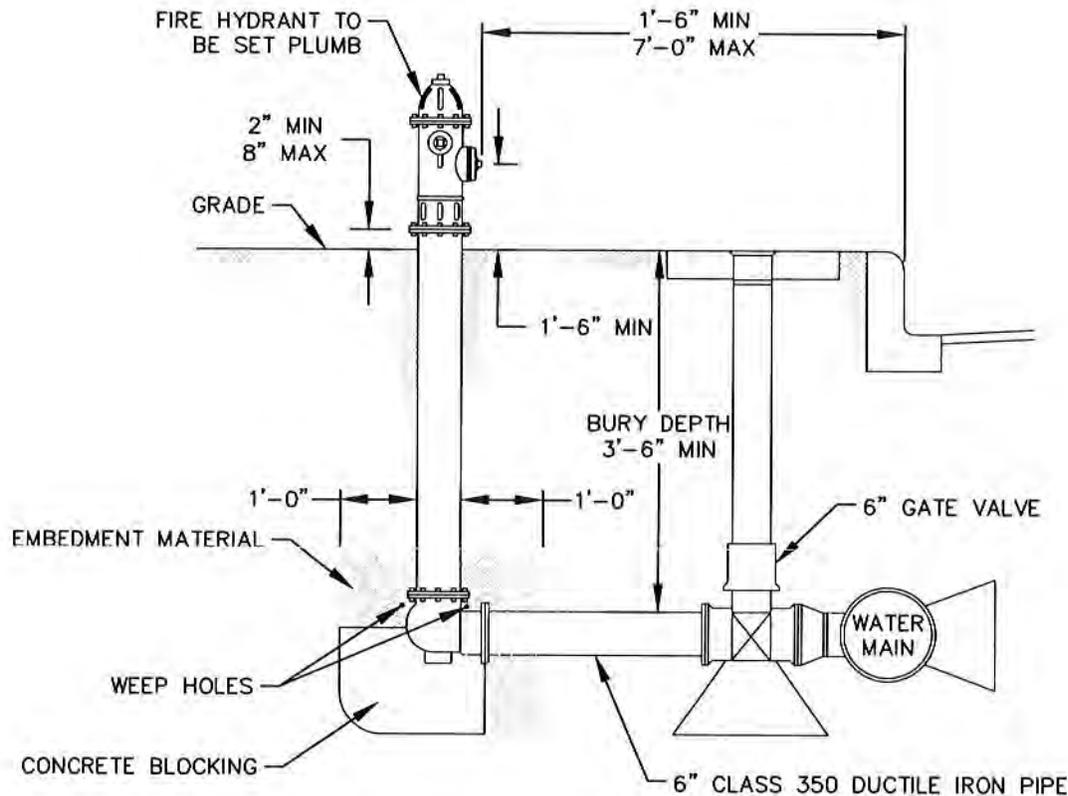
NOTES:

1. VALVE BOX SHALL NOT CONTACT WATERMAIN OR VALVE. VALVE & VALVE BOX SHALL BE SUPPORTED BY CONCRETE BLOCKING.
2. VALVE OPERATOR NUT SHALL BE WITHIN 2' OF SURFACE.
3. CONTRACTOR MAY CONSTRUCT CONCRETE ENCASEMENT AFTER STREET RECONSTRUCTION. ASPHALT SHALL BE SAW-CUT IN NEAT DIMENSIONS.
4. READY MIX OR LEANCRETE IS NOT ACCEPTABLE FOR ENCASEMENT.
5. ALL BACKFILL MATERIAL SHALL MEET ASTM C-33 CRUSHED STONE #57 OR #67 WHEN IN PAVEMENT, PER BACKFILL DETAILS.
6. ALL FITTINGS SHALL INCLUDE MEG-A-LUGS.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:	APRIL 1987		
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	STANDARD VALVE INSTALLATION	
SCALE:		
DRAWING No.	W - 4	



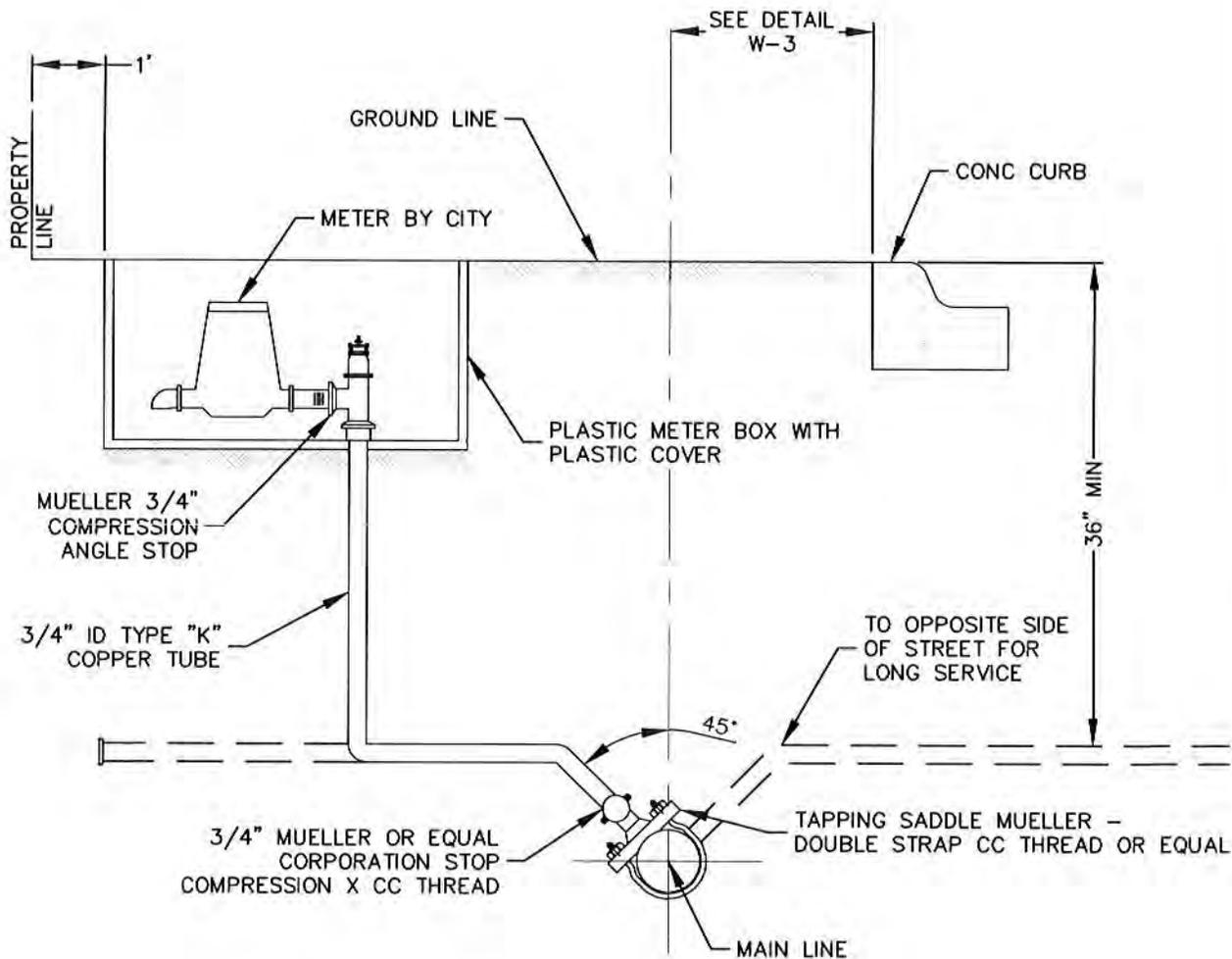
NOTES:

1. HYDRANTS SHALL BE LOCATED MINIMUM 1'-6" FEET FROM FRONT OF CURB AND MINIMUM 6" FROM SIDEWALK OR RAMP.
2. ONE BARREL EXTENSION NOT EXCEEDING TWO FEET IN LENGTH SHALL BE INSTALLED DIRECTLY BELOW THE FIRE HYDRANT FOR BURIED DEPTHS GREATER THAN FIVE FEET. INSTALLATIONS ON DEEP WATER MAINS MAY USE NO MORE THAN 2 BENDS (MAX 45°) BETWEEN VALVE AND HYDRANT BARREL.
3. CONCRETE BLOCKING WITH A MINIMUM BEARING AREA OF 1 1/2 SQUARE FEET. 2,000 PSI CONCRETE. DO NOT BLOCK WEEP HOLES.
4. CRUSHED STONE #67 SHALL BE PLACED AROUND THE BOTTOM OF THE HYDRANT FOR A RADIUS OF AT LEAST 12" ABOVE THE OUTLET. DO NOT BLOCK WEEP HOLES.
5. WELD SOCKET 2 1/2" X 2" DEEP TO 1" SCH 40 ROUND STEM EXTENSIONS FITTED ON OPERATING NUT, SCH 80 FOR LENGTHS OVER TEN FEET.
6. VALVE EXTENSIONS ARE REQUIRED ON ALL VALVES THAT EXCEED THREE FEET DEEP FROM FINISHED GRADE. VALVE EXTENSIONS SHALL BE PLACED SUCH THAT THE EXTENSION NUT IS BETWEEN 18" AND 24" FROM FINISHED GRADE.
7. FIRE HYDRANT SHALL BE MANUFACTURED BY MUELLER PER CITY OF LOCKHART CONSTRUCTION STANDARDS.
8. FIRE HYDRANT COLOR SHALL BE SELECTED BY THE CITY OF LOCKHART AND SHALL BE FACTORY COATED.
9. FIRE LINE SHALL HAVE ALL JOINTS RESTRAINED FROM MAIN TO FIRE HYDRANT USING MJ RESTRAINING GLAND OR APPROVED EQUAL.

**THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD**

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	
FIRE HYDRANT	
SCALE:	DRAWING No.
NTS	W - 5

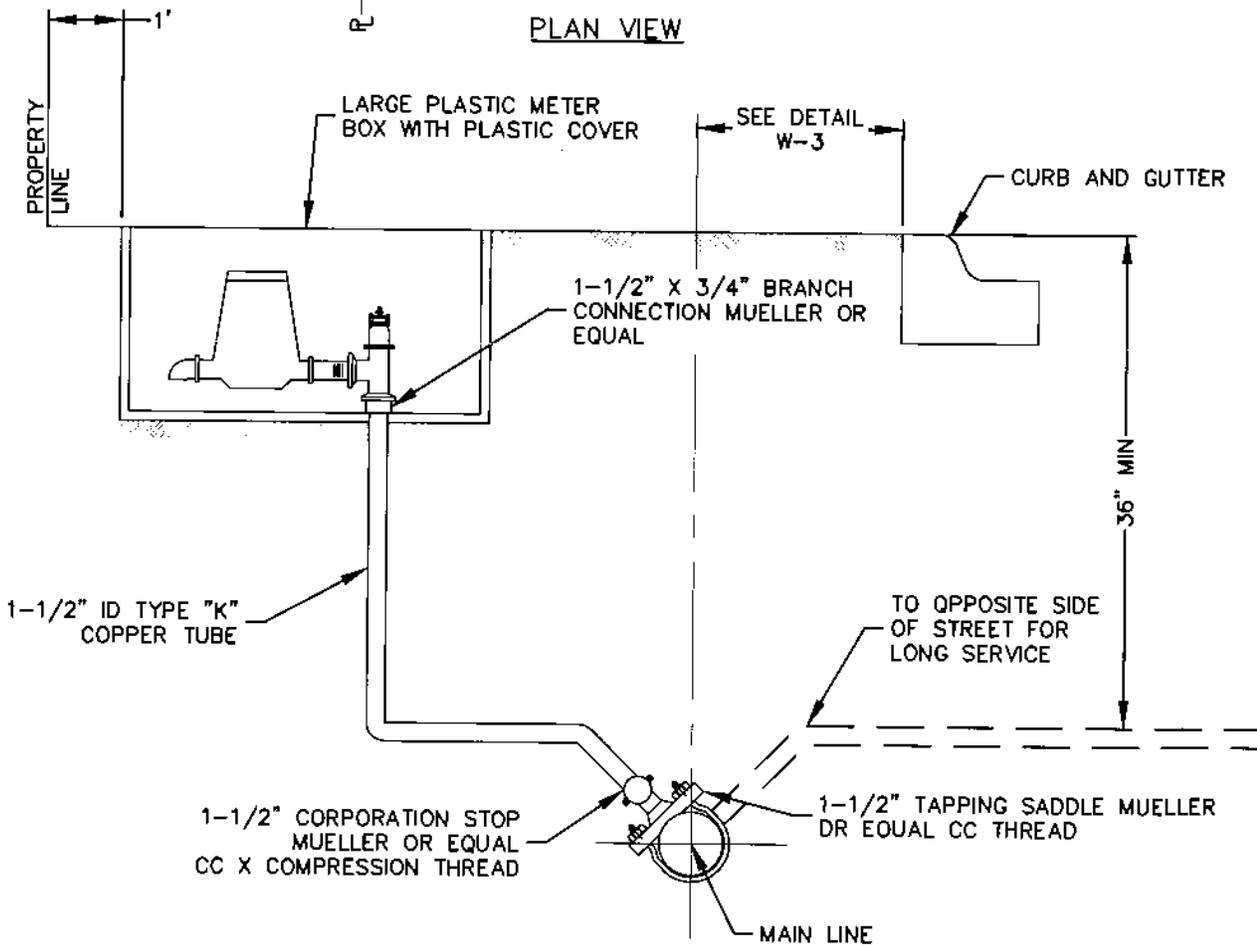
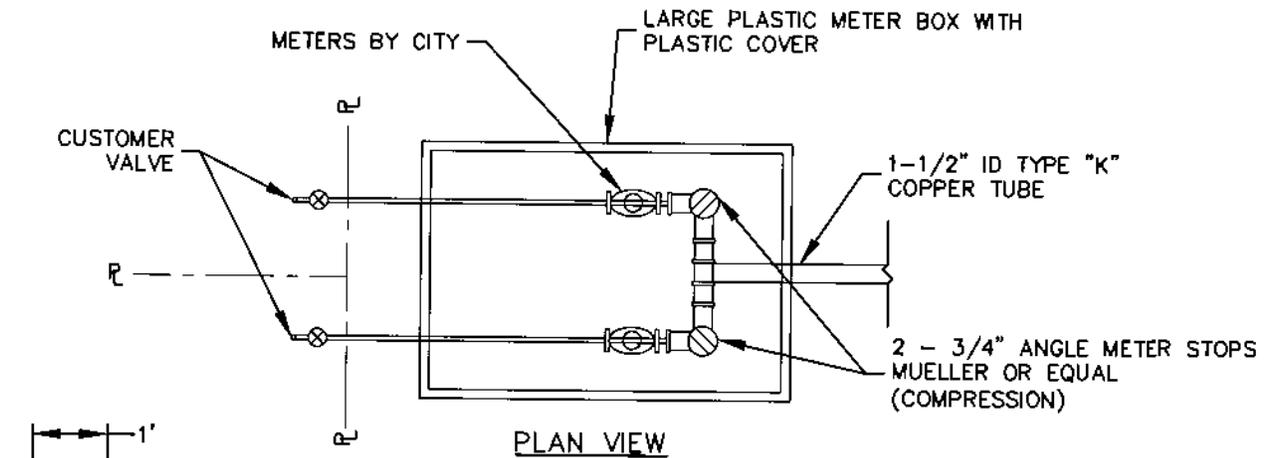


NOTES:

1. WATER SERVICES SHALL BE INSTALLED FROM WATER MAIN TO THE METER.
2. BEDDING AND BACKFILL SHALL BE PER TRENCH BACKFILL DETAILS.
3. METER BOX AND COVER SHALL BE MANUFACTURED BY DFW PLASTICS OR APPROVED EQUAL.

<p>THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD</p>	DATE ISSUED: APRIL 1987			<p>TITLE:</p> <p>SINGLE SERVICE CONNECTION</p>
	REV	DATE	BY	
	1	NOV 2002	CS	
	2	JAN 2020	JAD	
SCALE: NTS				DRAWING No. W - 6

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EMBEDMENT MATERIAL ASTM C-33 #67

NOTES:

1. WATER SERVICES SHALL BE INSTALLED FROM WATER MAIN TO THE METER.
2. BEDDING AND BACKFILL SHALL BE PER TRENCH BACKFILL DETAILS.
3. METER BOX AND COVER SHALL BE MANUFACTURED BY DFW PLASTICS OR APPROVED EQUAL.

**THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD**

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:

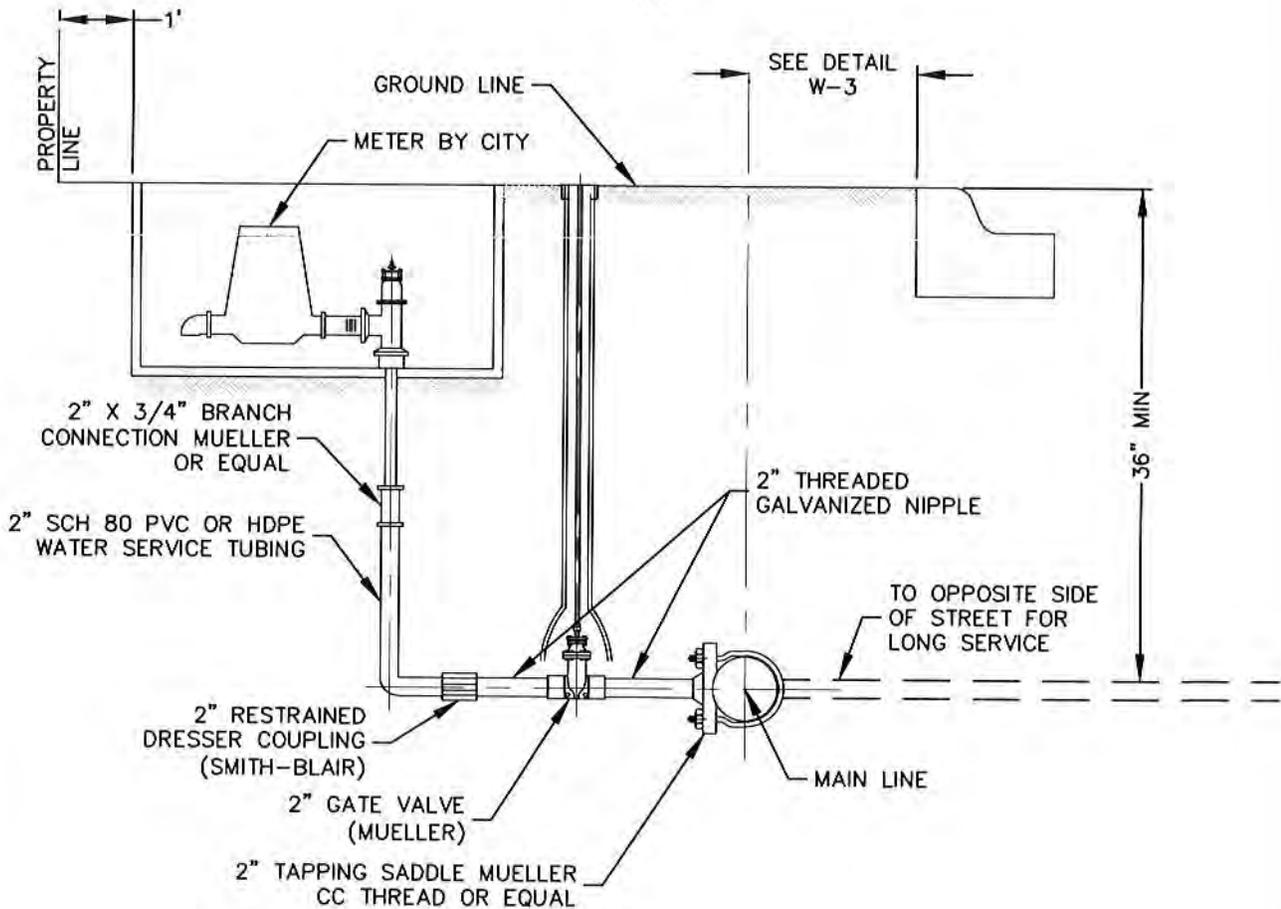
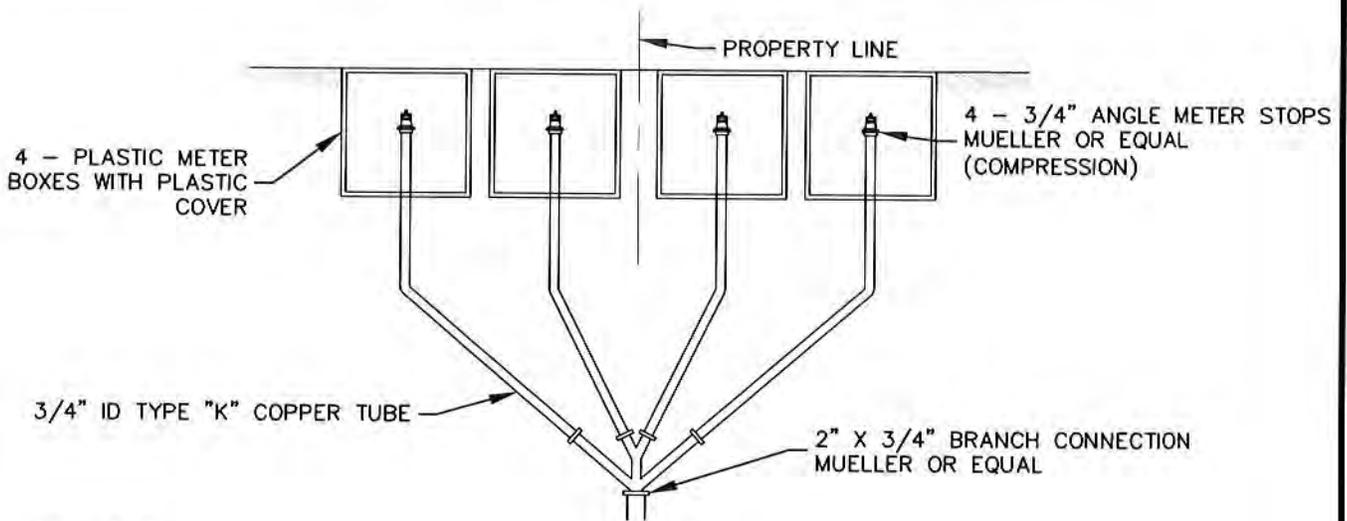
**DOUBLE SERVICE
CONNECTION**

SCALE:

NTS

DRAWING No.

W - 7



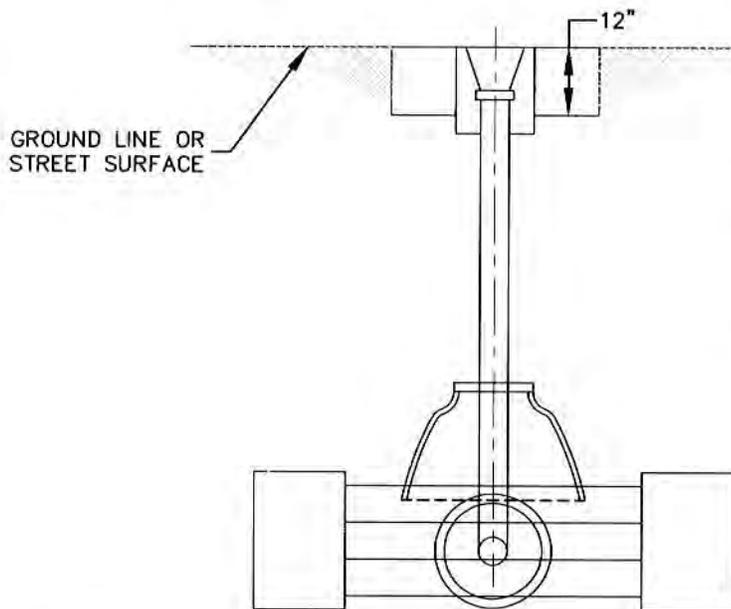
NOTES:

1. WATER SERVICES SHALL BE INSTALLED FROM WATER MAIN TO THE METER. ALL FITTINGS SHALL BE RESTRAINED.
2. BEDDING AND BACKFILL SHALL BE PER TRENCH BACKFILL DETAILS.
3. METER BOX AND COVER SHALL BE MANUFACTURED BY DFW PLASTICS OR APPROVED EQUAL.

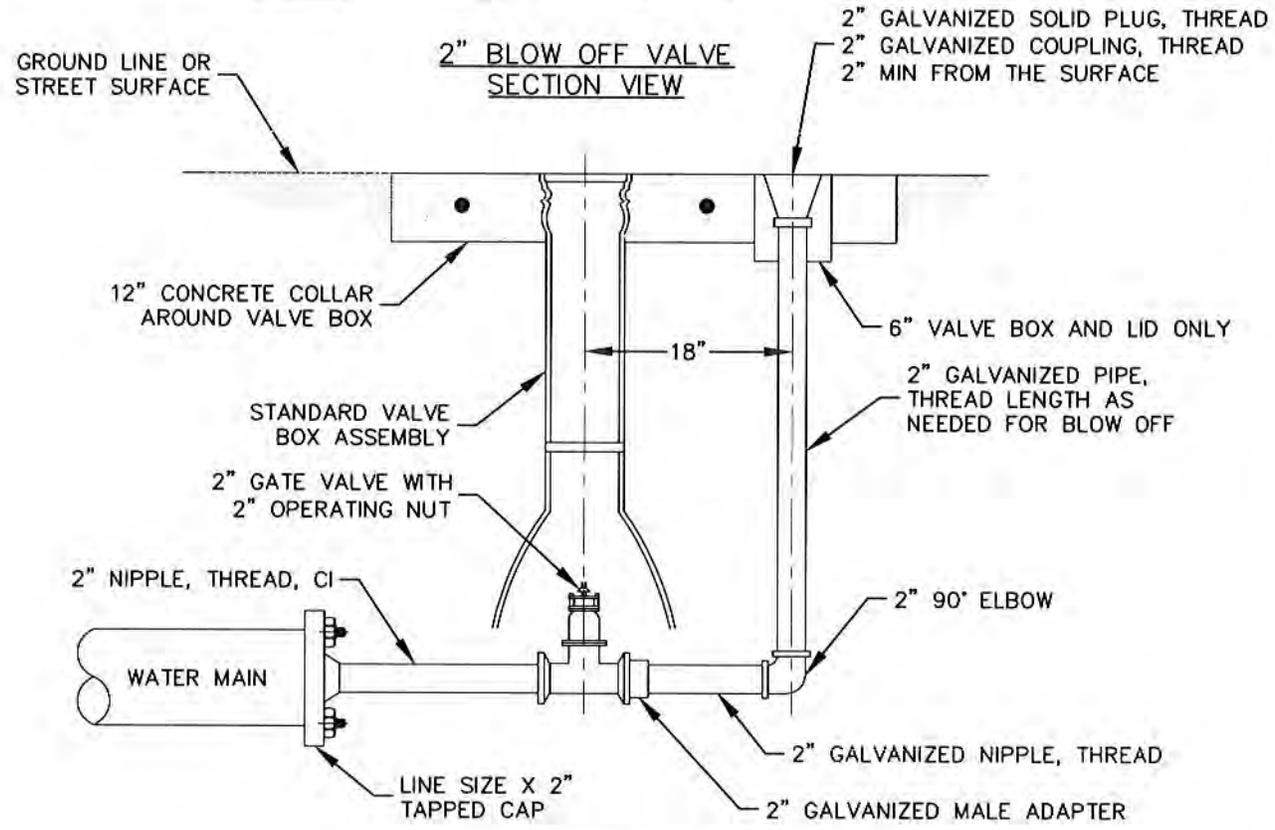
THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

DATE ISSUED:	APRIL 1987		TITLE:
REV	DATE	BY	MULTI SERVICE CONNECTION
1	NOV 2002	CS	
2	JAN 2020	JAD	
SCALE:	NTS		DRAWING No. W - 8

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- NOTES:**
1. EMBED ALL DI FITTINGS IN #67 ROCK.
 2. BLOCKING ARRANGEMENT AND BEAM SCHEDULE SHALL BE USED FOR END CAPS AND PLUGS, OMITTING BLOW-OFF FITTINGS.
 3. BEAMS SHALL BE EXTENDED 3' BEYOND TRENCH WALL.
 4. CONCRETE BLOCKING SHALL BEAR ON UNDISTURBED SOIL IN TRENCH WALL.

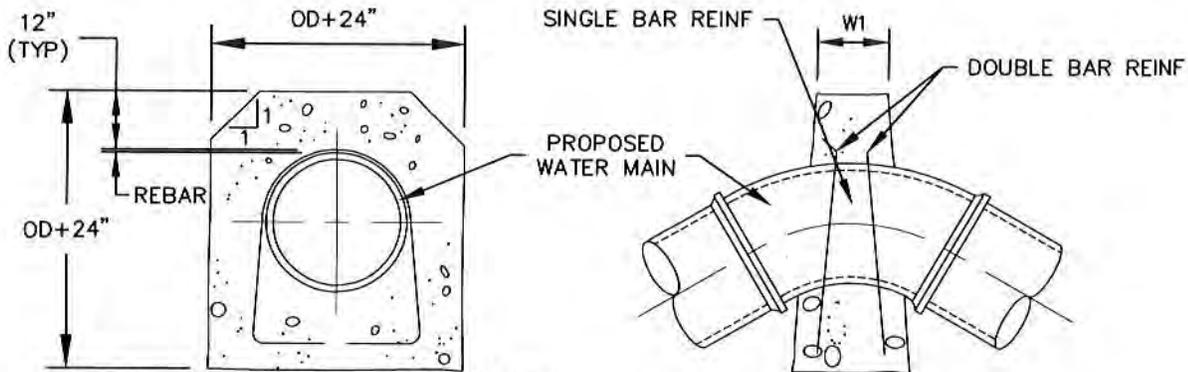


2" BLOW OFF VALVE - PROFILE VIEW

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:		APRIL 1987	
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2	JAN 2020	JAD	

TITLE:	
2" BLOW OFF VALVE	
SCALE:	DRAWING No.
NTS	W - 9



REINFORCEMENT SHALL BE PROVIDED AS FOLLOWS:

- 6" - 12" PIPE 1 #5
- 14" - 30" PIPE 2 #5'S 36'
- 48" PIPE 2 #7'S

VERTICAL DOWN BEND

TABLE A UPWARD THRUST GRAVITY BLOCKS			
PIPE DIAMETER	MIN TOP WIDTH W1	ANGLE (degrees)	BOTTOM WIDTH-W2 (in)
6"	6"	0-5	NOTE 2
		5-15	24
		15-25	48
		>25	NOTE 1
8"	6"	0-5	NOTE 2
		5-9	30
		9-15	36
		>15	NOTE 1
10"	6"	0-5	NOTE 2
		5-9	48
		9-15	60
		>15	NOTE 1
12"	6"	0-5	NOTE 2
		5-15	48
		>15	NOTE 1
16"	12"	0-5	NOTE 2
		5-10	60
		10-15	96
		>15	NOTE 1
20" THRU 36" DIAMETER		>5.0	NOTE 1
42" THRU 48" DIAMETER		>3.0	NOTE 1

NOTES:

1. FOR ANGLES GREATER THAN THOSE INDICATED RESTRAINED JOINTS SHALL BE INSTALLED
2. FOR JOINT DEFLECTIONS LESS THAN 5 DEGREES, NO HORIZONTAL OR VERTICAL THRUST RESTRAINT IS REQUIRED FOR PIPES LESS THAN 42" IN DIAMETER.

THRUST BLOCK DESIGN AS FOLLOWS:

- A. PRESSURE OF 150 PSI (ACTUAL IF HIGHER) + 50 % SURGE ALLOWANCE
- B. MAXIMUM SOIL BEARING SEE TABLE BELOW

PRESSURE	SOIL TYPES
LOOSE OR SPONGY SOIL	1500 LB/SQ FT
UNDISTURBED SOIL, CALICHE	2000 LB/SQ FT
LIMESTONE ROCK	4000 LB/SQ FT

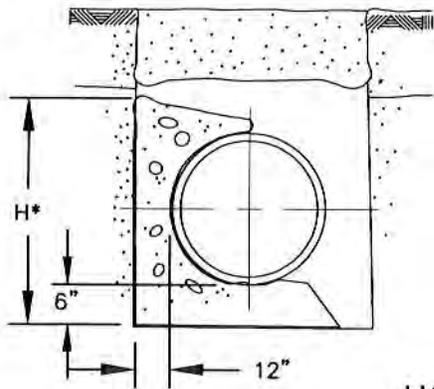
- * THE DIMENSION FOR "H" MUST BE GREATER THAN DIAMETER OF THE PIPE
- ** LENGTH "L" ALONG THE BEND MUST BE GREATER THAN "H" AND LESS THAN 2 TIMES "H"

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

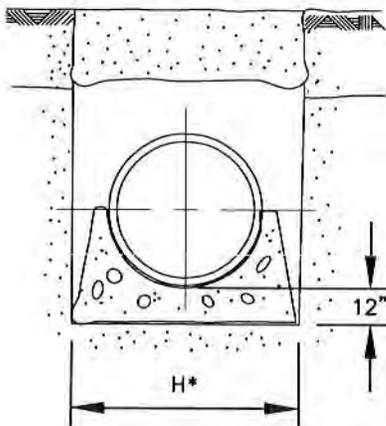
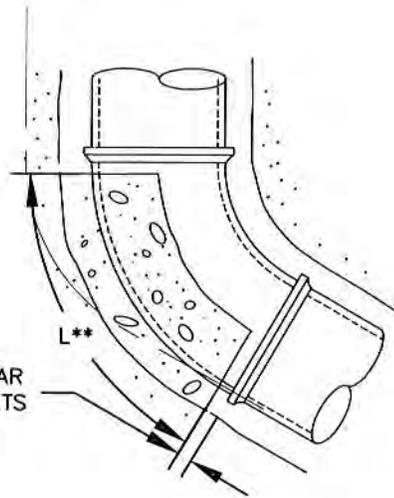
DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	
THRUST BLOCKING (PAGE 1 OF 2)	
SCALE:	DRAWING No.
NTS	W - 10

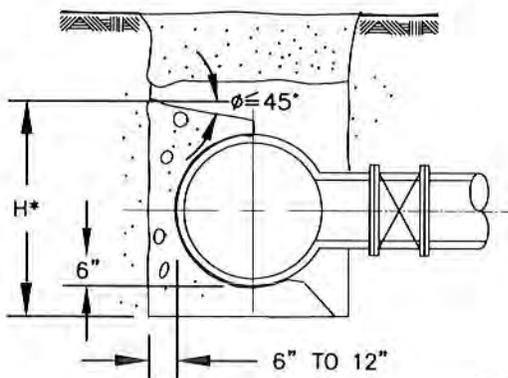
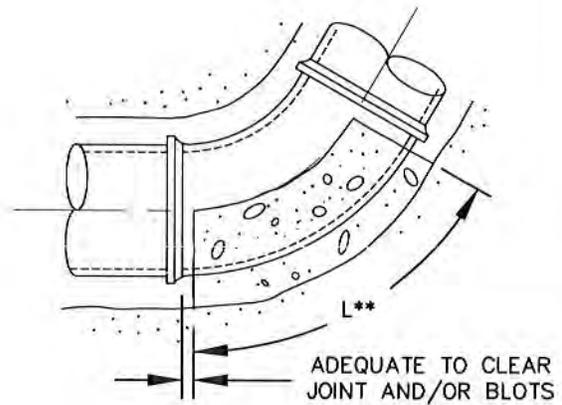
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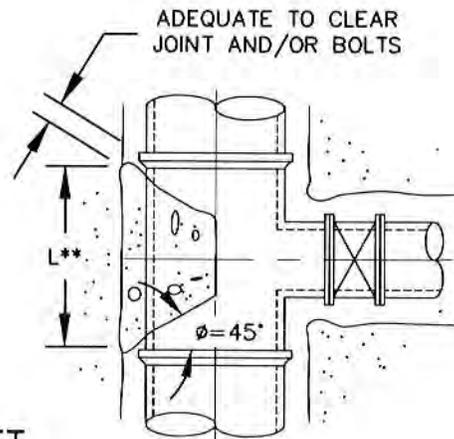
ADEQUATE TO CLEAR
JOINT AND/OR BOLTS
HORIZONTAL BEND



VERTICAL BEND UPWARD



TEE / OUTLET

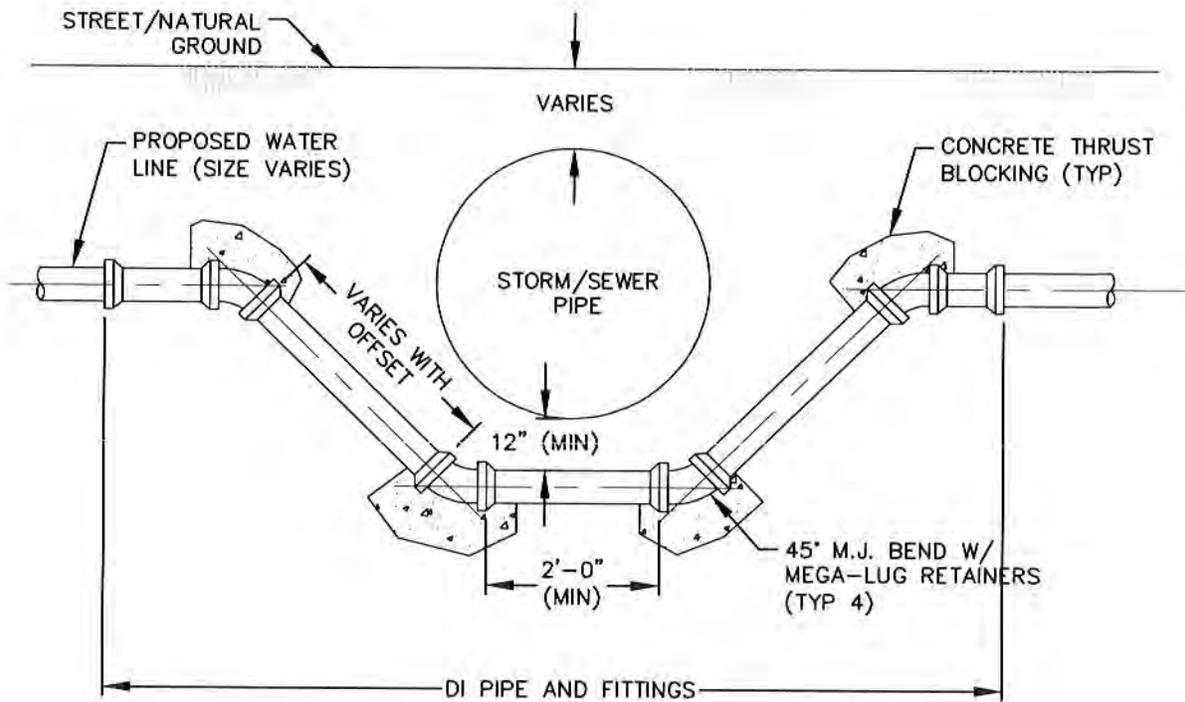


THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

REV	DATE	BY
1	NOV 2002	CS
2	JAN 2020	JAD

DATE ISSUED:	APRIL 1987	TITLE:	THRUST BLOCKING
			(PAGE 2 OF 2)
SCALE:	NTS	DRAWING No.	W - 10

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NOTES:

1. MATERIALS AND COATING TO BE IN ACCORDANCE WITH WATER DISTRIBUTION SYSTEM STANDARDS.
2. RESTRAIN EXISTING PIPING BEYOND SECTION AS REQUIRED TO PREVENT MOVEMENT.
3. DUCTILE IRON PIPE FOR WATER LINE CONSTRUCTION SHALL BE ANSI/AWWA-A21.50/C150 PRESSURE CLASS 250 UNLESS OTHERWISE NOTED.
4. FITTINGS SHALL CONFORM TO ANSI/AWWA-A21.10/C110 OR ANSI/AWWA-A21.53/C153 AND ANSI/AWWA-A21.11/C111 STANDARDS.
5. ALL FITTINGS SHALL BE CEMENT LINED ACCORDING TO ANSI/AWWA-A21.4/C104.
6. FITTINGS SHALL BE DUCTILE IRON OR COMPACT DUCTILE IRON.
7. DUCTILE IRON PIPE SHALL INCLUDE POLYETHYLENE WRAP.
8. FOR NEW WATERLINES CROSSING UNDER A WASTEWATER MAIN OR LATERAL, THE WATERLINE SHALL BE ENCASED IN AN 18 FOOT (MIN) SECTION OF PIPE OR CONSTRUCTED OF DUCTILE IRON PIPE WITH MECHANICAL JOINTS. REFER TO TCEQ 30 TAC 290 SUBCHAPTER D: RULES AND REGULATIONS FOR PUBLIC WATER SYSTEMS, SECTION 44(e)(4)(B)(IV)(III).
9. ALL FITTINGS SHALL INCLUDE MEGA-LUGS.

**THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD**

DATE ISSUED:	JANUARY 2020	
REV	DATE	BY

TITLE:	WATER MAIN OFFSET DETAIL
SCALE:	
NTS	DRAWING No. W - 11

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CHAPTER 3 – WASTEWATER SYSTEM STANDARDS

I. GENERAL REQUIREMENTS

A. Standard Requirements

All wastewater systems shall be in compliance with the following rules, regulations, and standards:

1. Rules and Regulations for Wastewater Systems, Texas Commission on Environmental Quality (TCEQ), latest edition.
2. AWWA, ASTM and ANSI technical standards latest edition.
3. Whenever TCEQ and the City of Lockhart Specifications conflict, the more stringent shall apply.

B. Design Requirements

1. No wastewater main shall be less than six inches (6") in diameter and shall have a minimum velocity, flowing full or one-half full, of two feet per second (2 ft/sec) based on Manning's formula. Minimum grade for gravity wastewater shall be per TCEQ requirements.
2. Gravity wastewater line shall be designed and constructed with straight alignment. Horizontal curves must be accomplished using additional manholes or joint offset. Joint offset shall be less than the least of the following:
 - a) Five degrees of deflection;
 - b) 80% of the manufacture's recommended maximum joint offset; or
 - c) 80% of the appropriate ASTM, AWWA, ANSI, or other nationally established standard for joint offset.
3. All lines must be designed for trench and dynamic loads.
4. A collection system must be designed to transport the peak flow from the service area, plus infiltration and inflow. The design must minimize inflow and infiltration. Flow calculations must be included in an engineering report provided to the City Engineer for review and approval.
5. The flow calculations must include the details of the average flow, the flow peaking factor, and the infiltration and inflow.
6. Unless otherwise approved, manholes shall be constructed at all changes in grade, at changes in pipe size, at intersections with other mains, and any change in direction. When required by the City Engineer, a manhole with stub-outs shall be installed at the termination of a line. In straight-ways manholes shall be spaced as shown in Table 3.1.

Table 3.1 – Maximum Manhole Spacing

Pipe Diameter (inches)	Maximum Manhole Spacing (Feet)
6-15	500
18-30	800
36-48	1,000
54 or larger	2,000

7. Where water and wastewater lines are installed in the same area, separation between water and wastewater lines must comply with Title 30 of the Texas Administrative Code §217-53(d).
8. Wastewater service lines shall be extended to the street right-of-way lines. Wastewater service lines shall have an inside diameter of not less than four inches (4"). The minimum grade allowed for service lines is two percent (2%).
9. Wastewater cleanouts are not allowed in sidewalks or driveways. Cleanouts shall be placed just inside the right of way where the City Maintenance begins and private maintenance ends.
10. Lift Stations shall only be installed where gravity flow is not possible and shall be considered by the City on a case by case basis. An engineering report sealed by a professional engineer registered in the state of Texas detailing the lift station design shall be submitted for review and approval.
11. Force main valves – The discharge side of each lift station pump followed by a full-closing isolation valve must also have a check valve.
 - a) A check valve must be the swing type valve with an external lever.
 - b) A valve must include a position indicator to show its open and closed positions, unless a full-closing valve is a rising-stem gate valve.
 - c) A grinder pump installation may use a rubber-ball check valve or a swing-type check valve.
 - d) A butterfly valve, tilting-disc check valve, or any other valve using a tilting-disc in a flow pipe is prohibited.

II. MATERIALS

A. Gravity Flow Lines

Gravity flow wastewater lines shall be constructed of PVC pipe which conforms to ASTM Specification ASTM D-3034 SDR-26 (4" up to 15" diameter) and ASTM F-679 PS115 (18" and larger diameter). Joints shall meet ASTM D3212. Gaskets shall meet ASTM F477. Minimum pipe stiffness of 115 psi.

B. Pressure Lines

Force mains shall be constructed of four inch (4") or larger PVC or DI pipe with restrained DI fittings.

PVC pipe shall meet the requirements of AWWA C-900, or the latest revision thereof, and must have a minimum dimension ratio (DR) of 25 and pressure rating of 165 psi. Fittings shall conform to ANSI/AWWA A21.10/C110 or ANSI/AWWA A21.53/C153 standards. PVC pipe used for wastewater shall be green in color to differentiate it from potable water lines.

DI pipe shall comply with AWWA C151 (and C115 for flanged pipe only). Wastewater force main pipe shall be lined with corrosion resistant material equal to Protecto 401 or SewPerCoat or City approved alternative. Lining to be used shall be shown on submittal, with type, brand, and lot number marked on each pipe. No more than one type or brand of lining shall be used for any project. This pipe is not to be used for gravity flow wastewater lines except when in the opinion of the Engineer the strength of DI makes its use appropriate; it may be used only if specifically shown on approved engineering drawings.

C. Aerial Crossings

Aerial crossings shall be avoided and only used with prior approval from City Engineer. Where aerial crossings of creeks are required to maintain grade for gravity flow wastewater lines, the PVC pipe shall be encased in a steel pipe conforming to ASTM A134 with a minimum thickness of 3/8 inch. Steel pipe shall be minimum two pipe diameters larger than PVC carrier pipe or of sufficient size be used with casing spacers. Steel casing shall be supported with not less than one concrete support per joint of PVC carrier pipe. Support size design criteria shall be based upon there being no damage to the line from a 100-year frequency flood.

D. Manholes

Manhole lids and covers, specification ASTM A48 Class 30. Outside diameter of the lid shall be 32 inches (32"). Manhole ring and cover shall be specified for the standard, gasketed and bolted water tight or as approved by the City Engineer. All wastewater manholes shall have the interior lined with corrosion resistant epoxy coating Raven 405, or equal, to a thickness of 100 mil.

E. Cleanouts

Cleanouts shall be provided at the end of each line when a manhole is not required. A CI cleanout casting Sigma Corp. VB-103 or approved equal shall be used.

III. WASTEWATER COLLECTION SYSTEM CONSTRUCTION

A. General

Batter boards shall not be used for grade control; laser beam grade control shall be the only method that will be acceptable.

1. Construction will begin at the lowest pipe elevation and continue upgrade with bells facing upgrade. Construction shall be continuous with construction of branch mains deferred until the main is constructed to the manholes at the branch junction point.
2. Not more than 300 feet of trench shall be opened in advance of the pipe installation and pipe shall be laid in all opened ditch by the end of the work day. A test type plug shall be installed in the open ends of all pipes at the end of each day.

B. Trench Construction

1. The trench width shall be equal to the pipe outside diameter plus twelve inches (12").
2. The trench shall be excavated to a depth to permit a minimum bedding thickness of six inches (6") under the pipe.
3. A minimum clearance of six inches (6") below and on each side of the bell of all pipes to the trench walls and floor is required.
4. Wastewater collection system pipes shall be installed in trenches separate from water supply trenches.

C. Embedment and Backfill

1. Embedment – Specified embedment material shall be placed as shown in trench details.
2. Backfill Material for the trenches not to be in proposed street areas, existing or within 3 feet of the back of the curb or edge of pavement must include specified embedment material and may be backfilled with excavated select fill material that are void of rocks and other objects larger than 4 inches (4") in diameter.
3. Backfill in the areas that will be in existing or proposed streets or within 3 feet of the back of the curb or edge of pavement must include specified embedment material up to the specified sub-grade elevation in the construction plans.

D. Trenchless Pipe Installation

Trenchless methods of pipe installation shall be considered on a case-by-case basis upon approval by the City Engineer.

E. Manholes

Manholes shall be constructed of four foot (4') diameter or larger reinforced precast concrete pipe meeting the requirements of ASTM standard C478 specification or poured monolithically. Concrete rings shall be used to adjust manhole heights to match existing grade. Maximum height shall not exceed 12 inches (12"). Cast Iron frame and covers shall conform to ASTM A48 Class 30 specification. Outside diameter of the lid shall be thirty-two inches (32"). Lids are to be solid with no pick holes. Manhole covers shall be marked "Wastewater". When required by the City, sealed bolted type (water tight) cover shall be used. Pipe connections to manholes shall be cored and water tight manhole connectors Kor-N-Seal I & II or equal ASTM C923.

1. The invert shall be built of concrete or half-section of pipe. If built of concrete, the invert shall be true and trowel to a smooth hard finish.

-
2. Pipe connections to manholes shall be made water tight using a gasket around the pipe. The gasket pipe shall then be grouted into place, using a stiff mix non-shrink grout, via knocked out holes in concrete pipe walls. Steps shall not be provided.
 3. All wastewater manholes shall have an interior coating with a 100 mil epoxy, Raven 405 or equal.

IV. TESTING

A. Deflection Testing for PVC Pipe

After backfilling, the line shall be tested for excessive deflection. A deflection test must be performed on any flexible or semi-rigid pipe. The contractor shall supply a mandrel or rigid ball with diameter equal to 95% of the inside diameter pipe. This mandrel shall be pulled through all of the new wastewater pipe without mechanical pulling devices, and in the presence of the City's representative. The test for deflection shall be performed after the final backfill has been in place at least 30 days. Any pipe exceeding 5% deflection must be replaced by the Contractor. Another deflection test will then be required for the replaced section.

B. Infiltration-Exfiltration Testing or Low-Pressure Air Test

1. Any collection system pipe that will transport wastewater by gravity flow shall be tested with an infiltration-exfiltration leakage test or low-pressure air test.
2. A low-pressure air test must follow the procedures described in ASTM C828, ASTM C924 or ASTM F1417. The testing times listed in Table C.4 in Figure 30 Texas Administrative Code §217.57(a)(1)(C) or equation C.3 in Figure 30 Texas Administrative Code §217.57(a)(1)(B)(ii) must be used regardless of the testing procedure.
3. The total exfiltration, as determined by a hydrostatic head test, must not exceed ten (10) gallons per inch of diameter per mile of pipe per 24 hours at a minimum test head of two feet (2') above the crown of a pipe at an upstream manhole, or at least two feet (2') above existing groundwater level, whichever is greater.
4. An infiltration test can be performed in lieu of an exfiltration test when pipes are installed below the groundwater level.
5. Final testing of each section shall be observed and approved by the City.

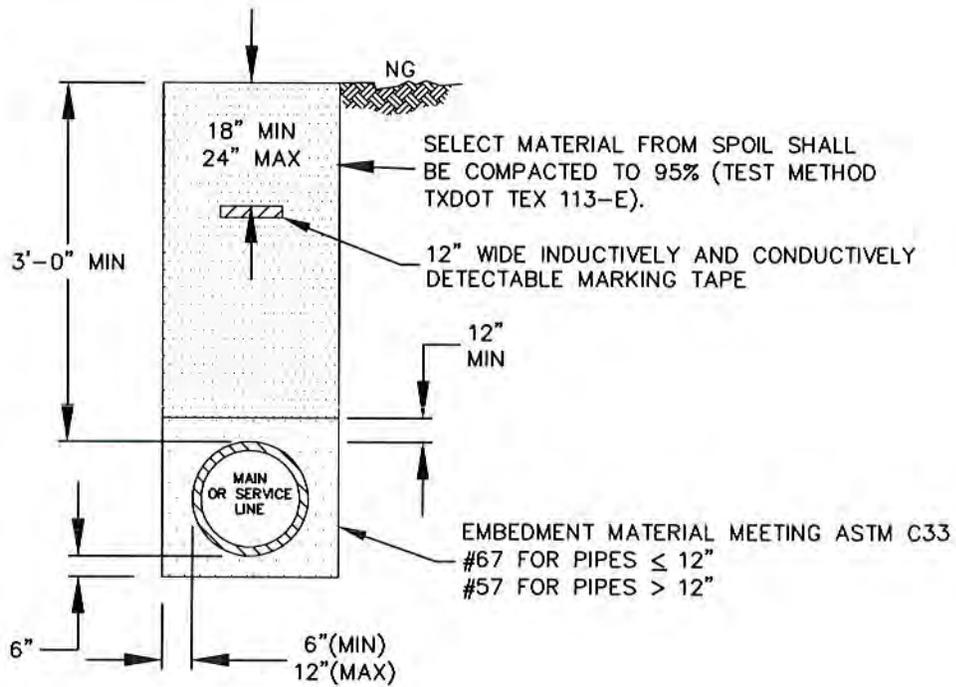
C. Manhole Testing

Manholes shall be tested for leakage separately and independently of the wastewater lines by hydrostatic exfiltration testing, vacuum testing, or other methods acceptable by the City Engineer. The maximum leakage for hydrostatic testing shall be 0.025 gallons per foot diameter per foot of manhole depth per hour. Alternative test methods must ensure compliance with the above allowable leakage. Hydrostatic exfiltration testing shall be performed as follows: all wastewater lines coming into the manhole shall be sealed with an internal pipe plug, then the manhole shall be filled with water and maintained full for at least one hour. For concrete manholes a wetting period of 24 hours may be used prior to testing in order to allow saturation of concrete.

Should the test disclose a water loss greater than permitted, the contractor shall, at his own expense, locate and repair defective joints, pipes, etc. and retest until losses are within specified allowances.

V. WASTEWATER SYSTEM DETAILS

Detail	Detail No.
Trench Detail	WW-1A
ROW Trench Detail	WW-1B
Concrete Encasement	WW-2
Standard and Deep Service Connection	WW-3
Precast Concrete Wastewater Manhole	WW-4
Wastewater Drop Manhole	WW-5
Wastewater Manhole Ring Encasement Detail	WW-6
Clean-out Detail	WW-7
Single and Dual Wastewater Service Connection	WW-8



NOTE:

1. THIS DETAIL SHALL ONLY BE USED WHEN TRENCH EDGE IS MORE THAN 3'-0" FROM EXISTING OR FUTURE PAVEMENT.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

REV	DATE	BY
1	NOV 2002	CS
2	JAN 2020	JAD

DATE ISSUED: APRIL 1987		TITLE:	
		TRENCH DETAIL	
SCALE:	NTS	DRAWING No.	WW - 1A

WHEN PAVED SURFACE IS TO BE PERMANENT, SURFACE MATERIAL SHALL BE EQUAL TO MATERIAL REMOVED—MINIMUM AMOUNTS: 1-1/2" HMAC (TXDOT ITEM 340, TYPE D) COMPACTED TO 97% DENSITY, OR 6" CONCRETE. EXISTING ASPHALT AND CONCRETE TO BE SAW CUT.

SURFACE SHALL BE CLEANED THOROUGHLY OF LOOSE MATERIAL, RECOMPACTED AND TACK COAT APPLIED BEFORE PAVEMENT SURFACE IS INSTALLED.

12" SELECT MATERIAL SHALL BE COMPACTED TO 95% WITHIN THE ROW (TEST METHOD TXDOT TEX 113-E)

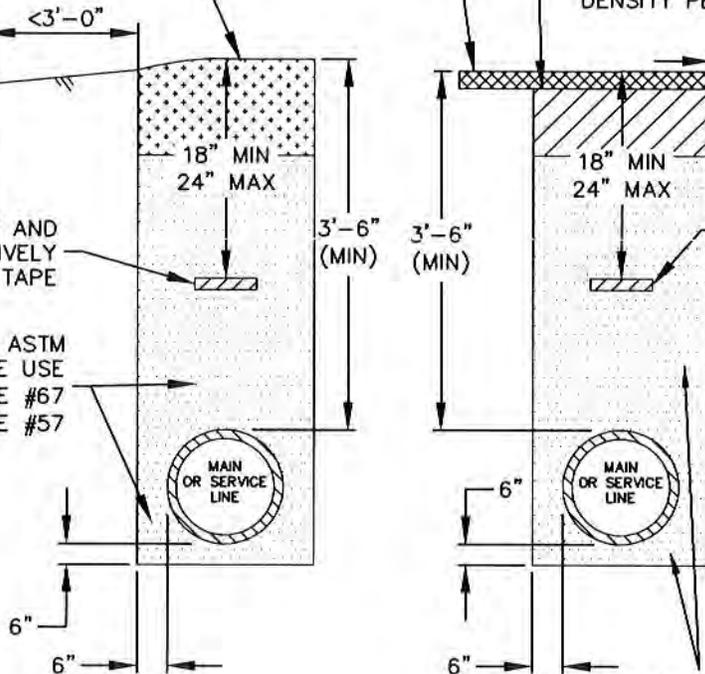
8" FLEX (CRUSHED STONE) BASE (TXDOT ITEM 247, TYPE A, GRADE 1) AND 4" TXDOT ITEM 340 TYPE B HMAC (BLACK BASE) BACKFILL WHEN MAIN OR SERVICE IS UNDER STREET OR DRIVEWAY PAVEMENT. COMPACTED IN 6" LIFTS TO 100% DENSITY PER TEX 113E.

BACK OF CURB, PAVEMENT EDGE OR SIDEWALK EDGE

12" WIDE INDUCTIVELY AND CONDUCTIVELY DETECTABLE MARKING TAPE

EMBEDMENT MATERIAL ASTM C-33 CRUSHED STONE USE
 PIPE DIAMETER ≤ 12" Ø USE #67
 PIPE DIAMETER > 12" Ø USE #57

12" WIDE INDUCTIVELY AND CONDUCTIVELY DETECTABLE MARKING TAPE



EMBEDMENT MATERIAL ASTM C-33 CRUSHED STONE
 PIPE DIAMETER ≤ 12" Ø USE #67
 PIPE DIAMETER ≥ 12" Ø USE #57

NOTES

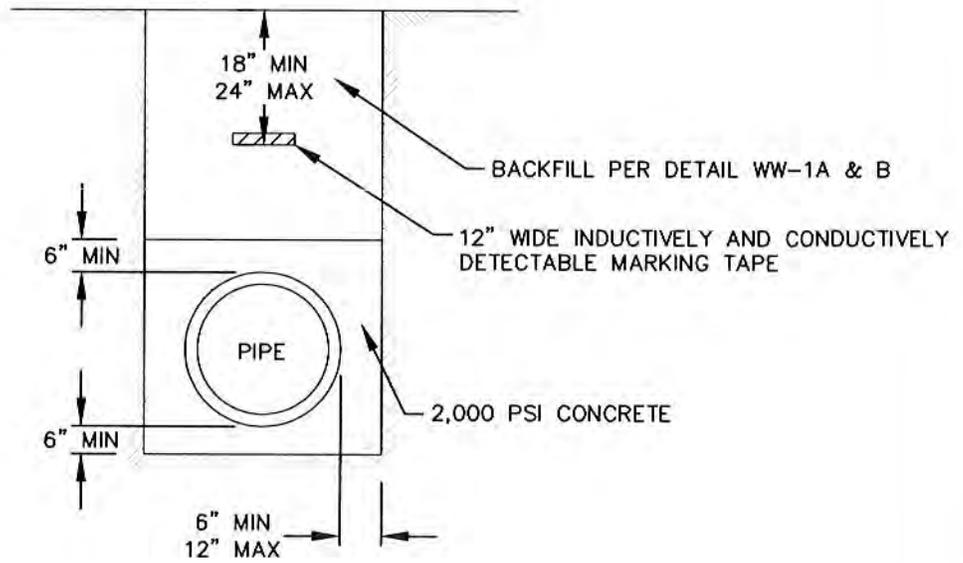
1. WHEN TUNNELING UNDER EXISTING CURB, CRUSHED STONE BASE SHALL BE COMPACTED TWO FEET BEHIND CURB AND TO WITHIN 6" OF THE BOTTOM OF THE CURB. THE 6" VOID UNDER THE CURB SHALL BE FILLED WITH 2,000 PSI CONCRETE.
2. UTILITY TRENCHES PLACED WITHIN THE STREET PAVEMENT OR WITHIN 3' OF THE BACK OF CURB OR EDGE OF EXISTING OR PROPOSED PAVEMENT SHALL COMPLY WITH THIS DETAIL.
3. FOR ASPHALT OR CONCRETE STREET REPAIRS WHERE THE SAW CUT PAVEMENT EDGE WILL BE WITHIN 3' OF EDGE OF EXISTING PAVEMENT OR LIP OF GUTTER, THE EXISTING PAVEMENT SURFACE BETWEEN THE DITCH LINE AND EDGE OF PAVEMENT OR LIP OF GUTTER SHALL BE REMOVED AND REPLACED WITH MATERIAL SPECIFIED.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:	APRIL 1987		
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	R.O.W. TRENCH DETAIL		
SCALE:	NTS	DRAWING No.	WW - 1B

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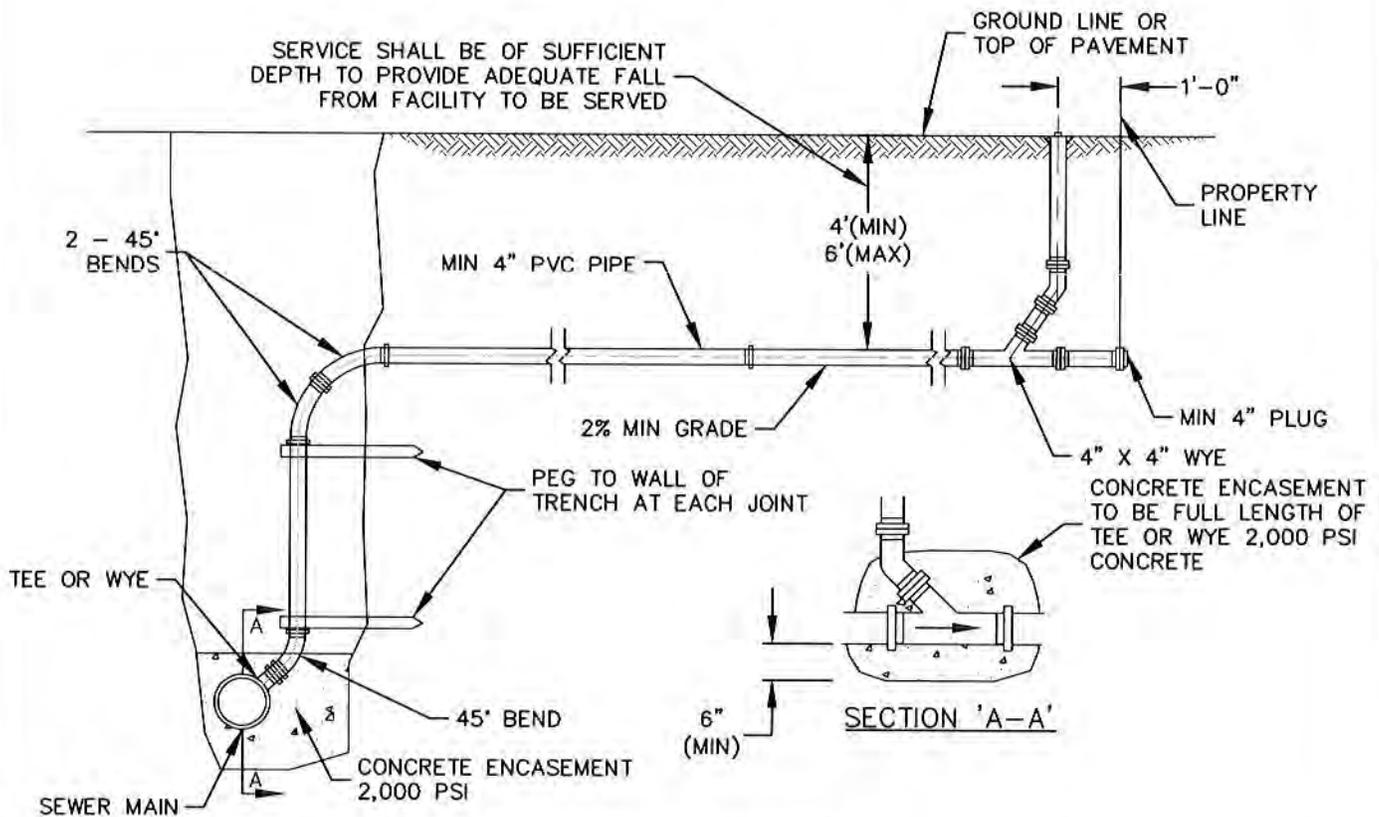
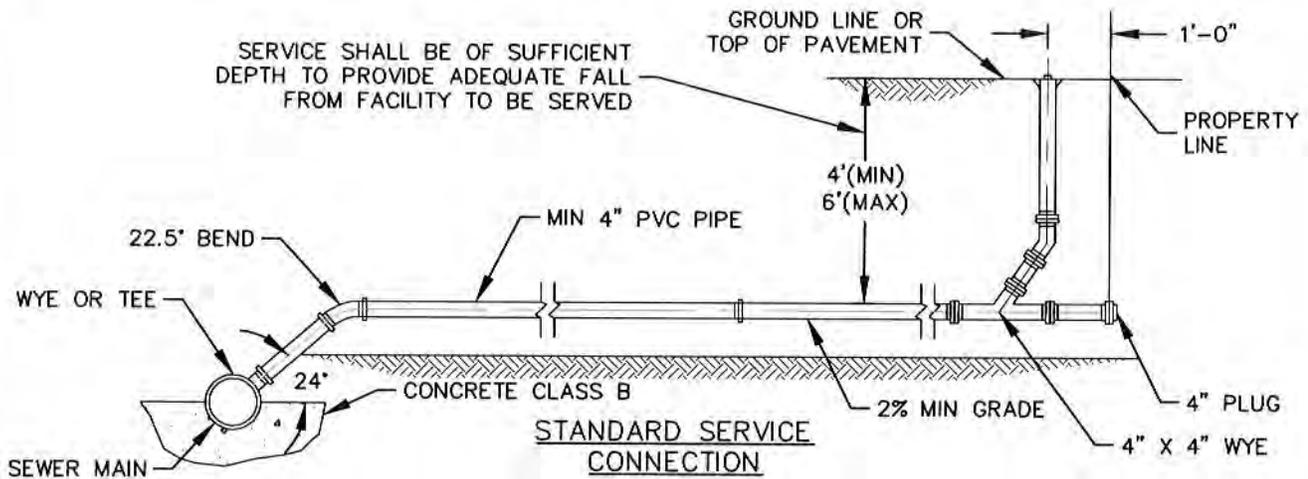
NOTE:

1. CONCRETE ENCASEMENT SHALL BE USED FOR PROTECTION OF WATER MAINS WHEN REQUIRED.

THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

DATE ISSUED:	APRIL 1987	
REV	DATE	BY
1	NOV 2002	CS
2	JAN 2020	JAD

TITLE:	CONCRETE ENCASEMENT	
SCALE:	NTS	DRAWING No. WW - 2



DEEP SERVICE CONNECTION

NOTES:

1. DEEP SERVICE CONNECTION SHALL BE USED WHEN WASTEWATER MAIN DEPTH IS MORE THAN SIX FEET (6') BELOW GROUND LINE.
2. WASTEWATER SHALL BE INSTALLED FROM WASTEWATER MAIN TO THE CLEANOUT.
3. BEDDING AND BACKFILL SHALL BE PER TRENCH BACKFILL DETAILS.
4. VERTICAL RISE SECTION SHALL OCCUR OUTSIDE THE LIMITS OF PAVEMENT.
5. CLASS OF CONCRETE SHALL ADHERE TO LATEST TXDOT SPECIFICATIONS, ITEM 421

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:	APRIL 1987		
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:

STANDARD AND DEEP WASTEWATER SERVICE CONNECTION

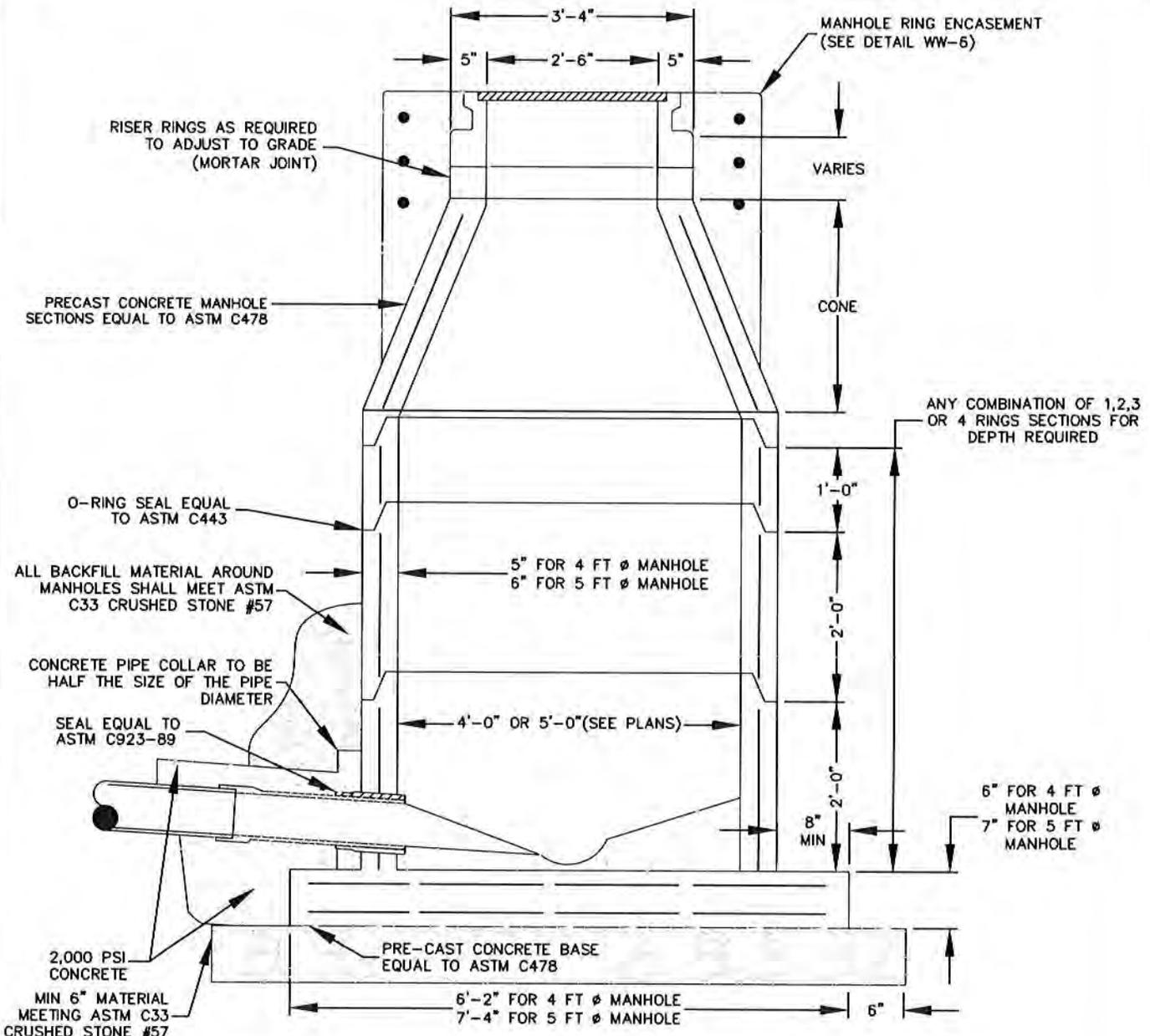
SCALE:

NTS

DRAWING No.

WW - 3

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NOTES:

1. DROP MANHOLES SHALL BE REQUIRED WHEN THE INFLOW ELEVATION IS MORE THAN TWENTY-FOUR INCHES (24") ABOVE THE OUTFALL ELEVATION.
2. WHERE UNEQUAL PIPES ENTER A MANHOLE, THE CROWN OF THE PIPES SHALL BE SET AT THE SAME ELEVATION.
3. PRECAST SECTIONS SHALL MEET OR EXCEED ASTM C-478.
4. LOWER MANHOLE SECTION SHALL HAVE A MINIMUM OF 9" WALL THICKNESS.
5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS ON ALL MANHOLES AND APPURTENANCES PRIOR TO FABRICATION.
6. SUBMIT INFLOW PROTECTION DEVICE FOR CITY APPROVAL.
7. FOR ALL MANHOLES, THE CONTRACTOR SHALL BACKFILL WITH ASTM C-33 #57 CRUSHED STONE, MINIMUM 1'-0" ENVELOPE AROUND ENTIRE MANHOLE, BASE, RISER AND CONE SECTIONS.
8. LIDS SHALL BE CONCENTRIC WITH MANHOLE. ECCENTRIC LIDS ARE NOT ACCEPTABLE.
9. CONTRACTOR SHALL GROUT FILL AROUND ALL PIPE CONNECTIONS IN THE MANHOLE.
10. ALL MANHOLES SHALL HAVE AN INTERIOR COATING WITH A 100 MIL EPOXY RAVEN 405 OR EQUAL.
11. INVERT CHANNEL DEPTH AND TESTING SHALL ADHERE TO TCEQ REQUIREMENTS.
12. ALL MANHOLES DEEPER THAN 12'-0" SHALL BE MIN 5'-0" IN DIAMETER

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

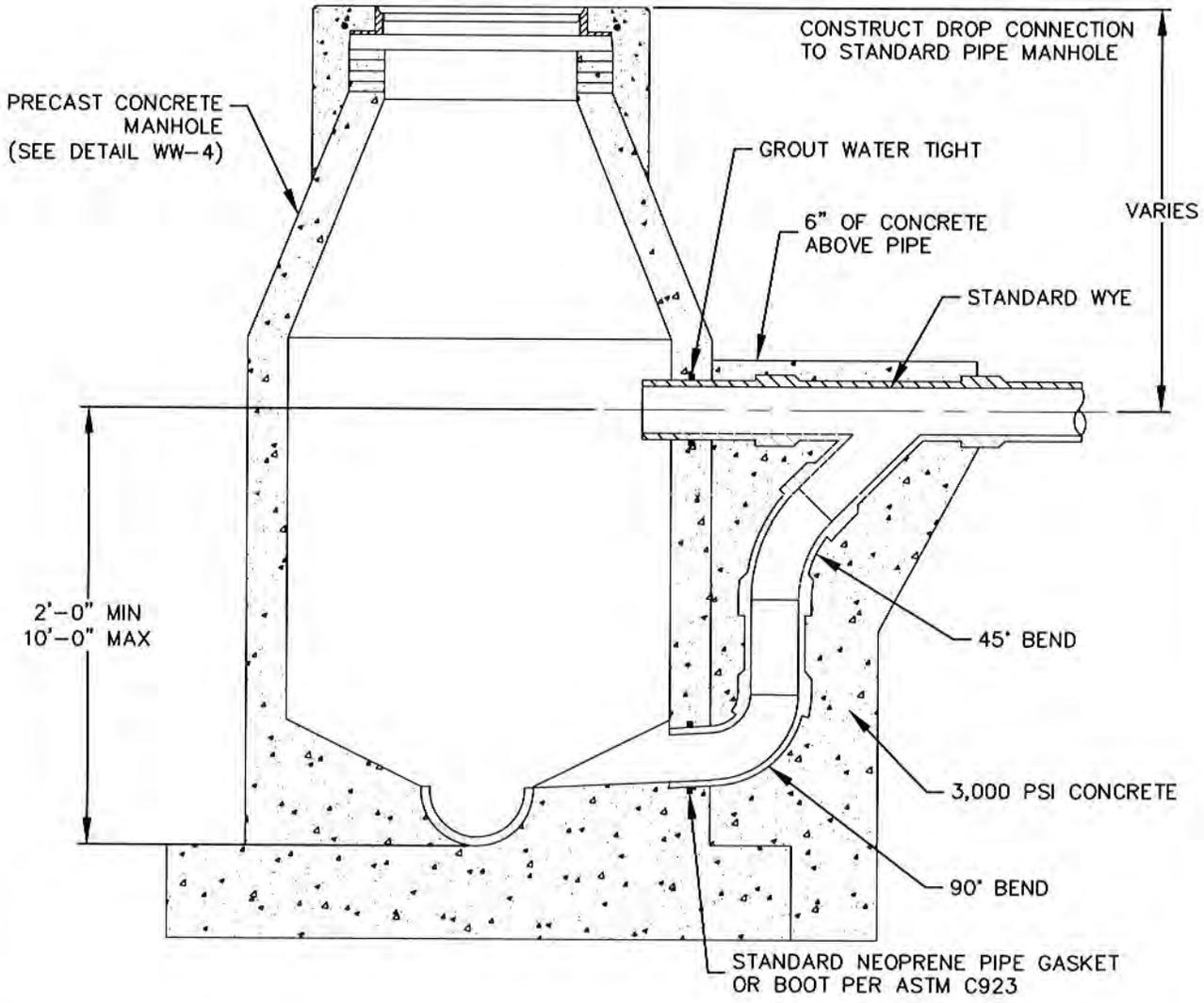
TITLE:

PRECAST CONCRETE WASTEWATER MANHOLE

SCALE: NTS

DRAWING No. WW - 4

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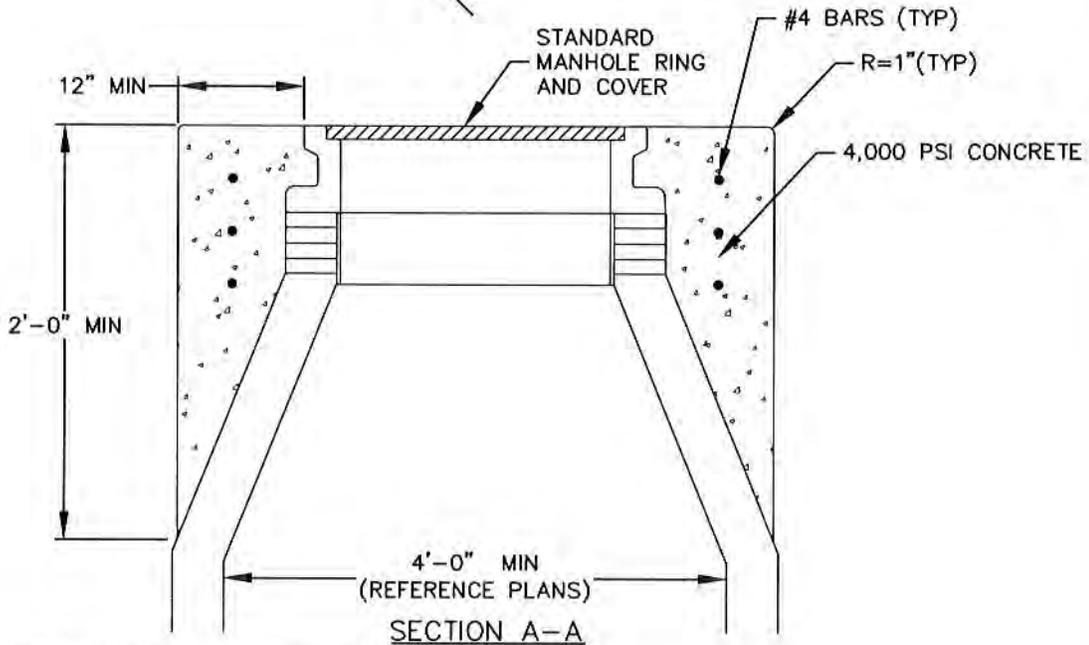
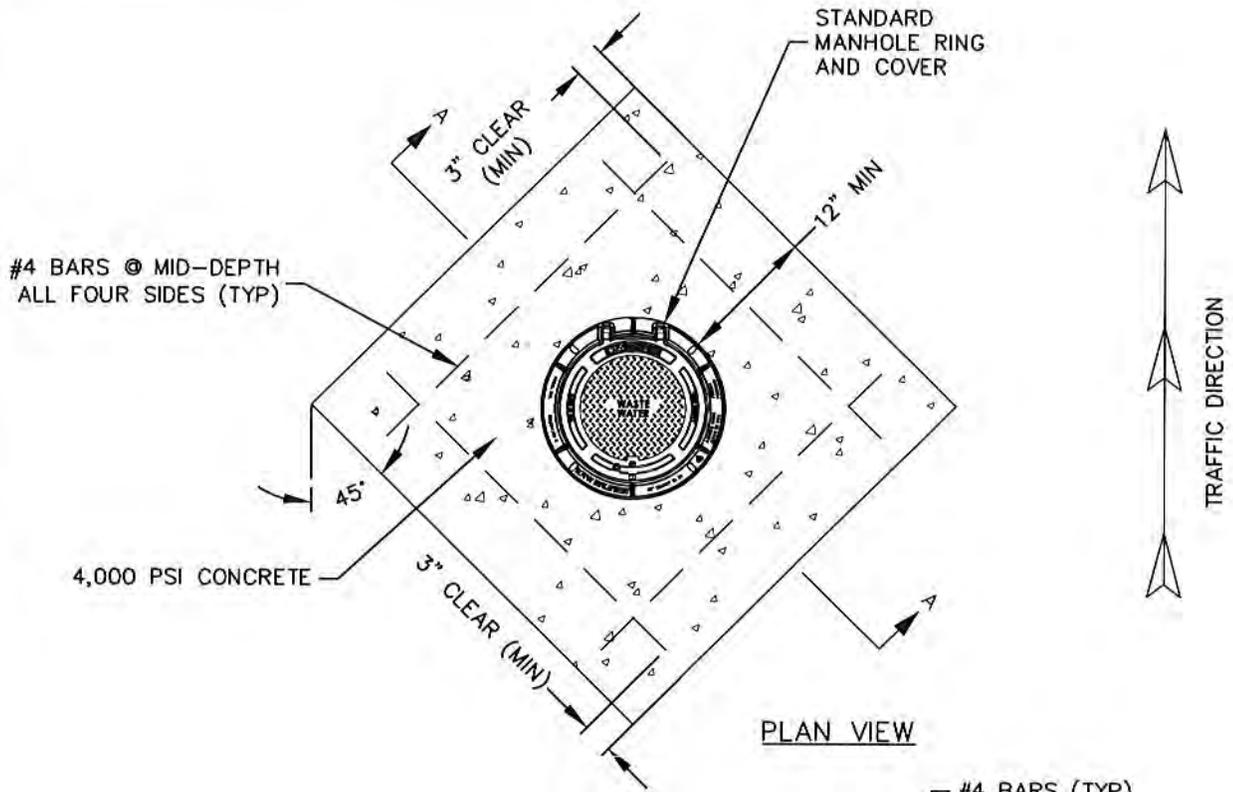


NOTES:

1. CONTRACTOR SHALL GROUT THE INTERNAL AND EXTERNAL JOINTS FOR EACH RING SECTION AND PIPE PENETRATION.
2. DEEP SECTION OF PIPE SHALL BE THE SAME DIAMETER AS SEWER MAIN.
3. ALL TESTING SHALL BE IN ACCORDANCE WITH TCEQ, CHAPTER 217.
4. ALL MANHOLES SHALL HAVE AN INTERIOR COATING WITH A 100 MIL EPOXY RAVEN 405 OR EQUAL.

<p>THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD</p>	DATE ISSUED: APRIL 1987		<p>TITLE:</p> <p style="font-size: 1.2em;">WASTEWATER DROP MANHOLE</p>	
	REV	DATE		BY
	1	NOV 2002		CS
	2	JAN 2020		JAD
SCALE: NTS		DRAWING No. WW - 5		

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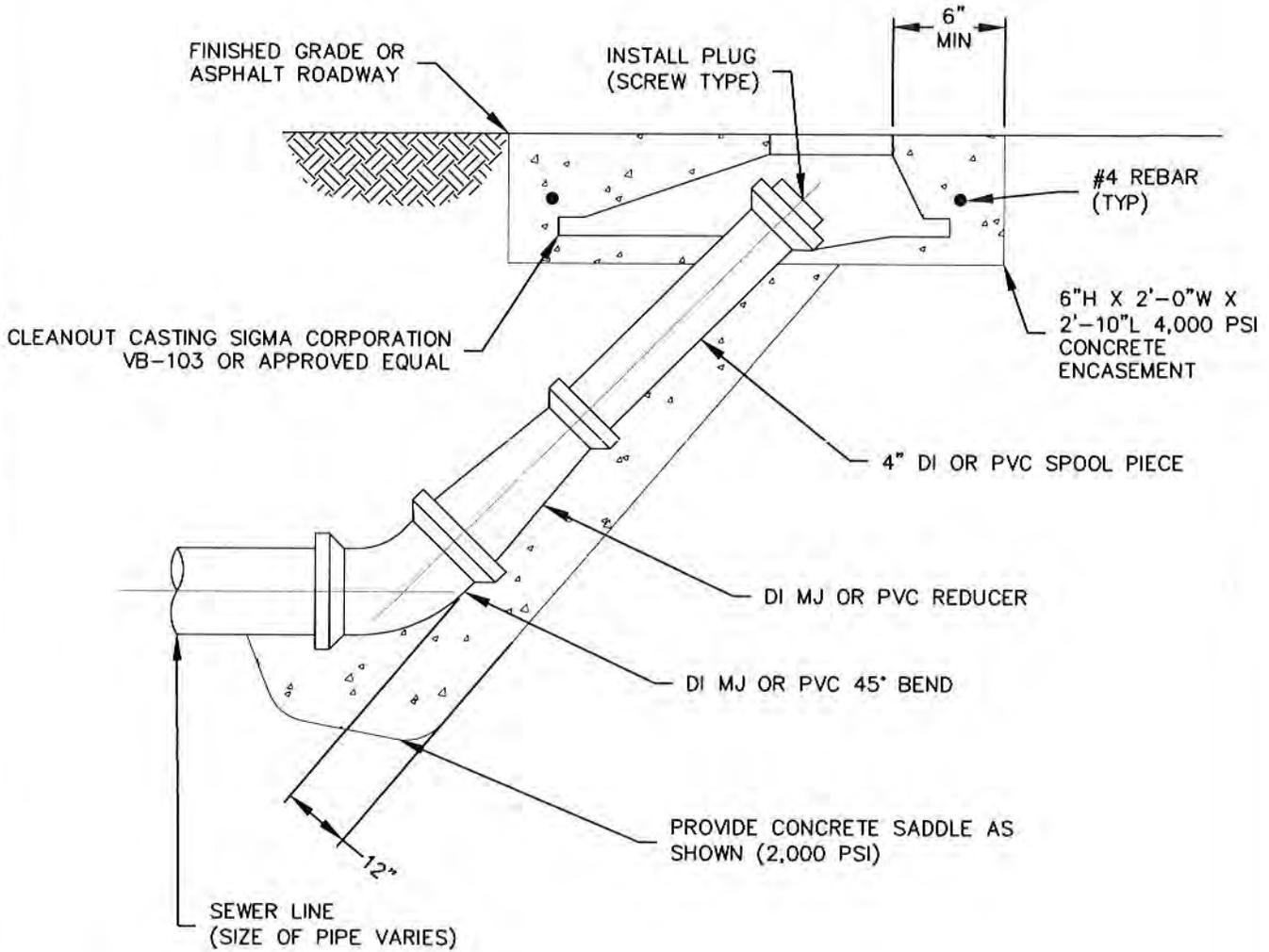
NOTE:

1. MANHOLE RING ENCASEMENT IS REQUIRED ON ALL MANHOLES.
2. COVERS SHALL BE 32" IN DIAMETER.
3. MANHOLE RING AND COVER SHALL BE MANUFACTURED BY EJIW OR APPROVED EQUAL, HAVE SLIP RESISTANT SURFACE, AND HAVE MACHINE CAST LETTERING WITH MFR. LOGO, COUNTRY OF ORIGIN, LABELED FOR WASTEWATER SERVICE, LIP WEIGHT, DATE, AND STATE "LOCKHART, TEXAS".

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	
WASTEWATER MANHOLE RING ENCASEMENT DETAIL	
SCALE:	DRAWING No.
NTS	WW - 6



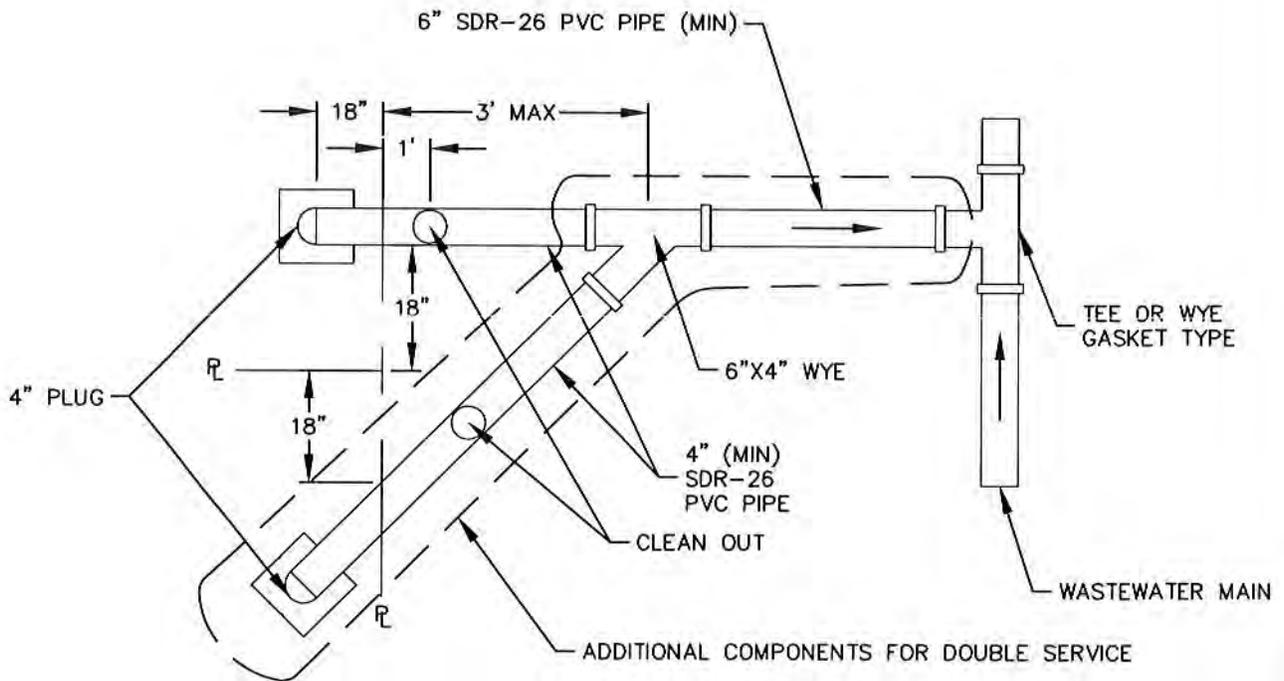
THE ARCHITECT/ENGINEER
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THIS STANDARD

DATE ISSUED:	APRIL 1987	
REV	DATE	BY
1	NOV 2002	CS
2	JAN 2020	JAD

TITLE:
CLEAN-OUT DETAIL

SCALE:
NTS

DRAWING No.
WW - 7



NOTES:

1. WASTEWATER SERVICE SHALL BE INSTALLED FROM WASTEWATER MAIN TO CLEANOUT.
2. BEDDING AND BACKFILL SHALL BE PER TRENCH BACKFILL DETAILS.

THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	
SINGLE AND DUAL WASTEWATER SERVICE CONNECTION	
SCALE:	DRAWING No.
NTS	WW - 8

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CHAPTER 4 – STREET, SIDEWALK, AND DRAINAGE STRUCTURES STANDARDS

I. STREET DESIGN REQUIREMENTS

A. Horizontal Alignment

Minimum Horizontal Radii. The following design criteria is based on material from the American Association of State Highway and Transportation Officials (AASHTO) Manual, A Policy on Geometric Design of Highways and Streets, 2011, Table 3-13b “Minimum Radii and Superelevation for Low-Speed Urban Streets”.

For a superelevation (e) = -0.02, typical for normal crown

A design speed of:

- 15 mph relates to a minimum allowable radius of 50 ft.
- 20 mph relates to a minimum allowable radius of 107 ft.
- 25 mph relates to a minimum allowable radius of 198 ft.
- 30 mph relates to a minimum allowable radius of 333 ft.
- 35 mph relates to a minimum allowable radius of 510 ft.
- 40 mph relates to a minimum allowable radius of 762 ft.
- 45 mph relates to a minimum allowable radius of 1039 ft.

B. Vertical Alignment

1. Minimum Grade

No streets shall be designed having a slope of less than 0.40 feet per 100 feet.

2. Maximum Grades

- a) Major Road/Arterial Street: 5% maximum vertical grade.
- b) Collector Street: 6% maximum vertical grade.
- c) Minor Street: 60-foot R.O.W.: 6% maximum vertical grade.
- d) Minor Street: 50-foot R.O.W.: 10% maximum vertical grade.

3. Design Controls

The minimum lengths of vertical curves for different values of the algebraic difference in grades to provide the minimum stopping sight distances for each design speed are shown in the Table 4.1.

Table 4.1 – Vertical Curve Table

Design Speed (MPH)	Stopping Sight Distance, (ft)	Rate of Vertical Curvature, K ^a	
		Crest	Sag
15	80	3	10
20	115	7	17
25	155	12	26
30	200	19	37
35	250	29	49
40	305	44	64
45	360	61	79
50	425	84	96
55	495	114	115
60	570	151	136
65	645	193	157
70	730	247	181
75	820	312	206
80	910	384	231

^a Rate of vertical curve, K, is the length of curve per percent algebraic difference in intersecting grades (A).
K = L/A

- a) Curb and Gutter – Streets shall have standard concrete curb and gutter per the standard detail.
- b) Stub Streets – All stub streets will terminate with a header and barricade.

Minimum Pavement Requirements – The minimum pavement requirements for streets shall be as shown in the Typical Street Section details or as approved by the City Engineer.

C. Soils Testing

A soils investigation and report shall be performed and submitted by a qualified and independent geotechnical engineer licensed in the state of Texas and shall be used to determine actual thicknesses for the pavement design section; however, the minimum pavement requirements for streets shall be as shown in Table 4.2 or as approved by the City Engineer.

II. SURFACING WITH FLEXIBLE BASE MATERIAL

A. Flexible Base Material

- 1. Flexible base material shall be composed of crushed or broken stone and shall be constructed with a maximum of six inch (6") compacted lifts.
- 2. The materials shall be obtained from a source acceptable to TxDOT, shall be crushed, and shall consist of durable particles of stone mixed with soil binders as specified herein. Should a stockpile be required, it shall be made up of layers of processed material and the material shall be loaded for delivery by making successive vertical cuts through the entire depth of the stockpile. Approval of material by the City is required.

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3. The processed material, when properly slaked and tested by standard laboratory methods, shall meet TxDOT Item 247, Type A, Grade 1 for flexible base material.
 4. Material passing the No. 40 sieve is the soil binder and shall meet the following requirements:

The liquid limit shall not exceed 30%
The plasticity index shall not exceed 12%
The linear shrinkage shall not exceed 7%

NOTE: The linear shrinkage shall be calculated from the volumetric shrinkage at the liquid limit.

B. Construction Methods

1. Treated Sub-Grade – Flexible base shall not be placed until the Contractor has verified that the new subgrade has been prepared and compacted to the typical sections, lines and grades indicated on the appropriate construction drawings and standard details. Before the flexible base material is placed, the on-site surficial subgrade soils shall be treated with lime in accordance with the TxDOT Item 260 to a minimum 8 inches in depth and two feet (2') behind the curb. The actual quantity of the lime should be determined at the time of construction based on testing conducted on mixtures of the subgrade soils with lime. The lime used shall be lime or commercial lime slurry conforming to TxDOT Item 260. The subgrade should be compacted to a minimum of 95 percent of Standard Proctor (ASTM D 698) maximum dry density within 2 percent of the optimum moisture content.
2. Flexible base shall be placed two feet (2') behind the curb, with additional flexible base behind the curb four inches (4") below top of curb (eight inches (8") in depth) and two feet (2') wide. Four inches (4") of top soil shall be placed for finish grade, sloped to drain to the street.
3. First and Intermediate Lifts – Flexible base material deposited upon the treated sub-grade shall be spread, shaped and rolled the same day unless otherwise authorized by the City, in which case the City will provide directions for avoiding damage from the delay. This lift shall be wetted, bladed, and rolled until a minimum of 95% density for the first lift and 98% density for the second lift has been attained as per TxDOT Test Procedure Tex-113-E.
4. Final Lift – Construction methods for the final lift shall be the same as prescribed for the first lift with the addition of the following:
 - a) This lift shall be wetted, bladed, and rolled until a minimum of 100% density has been attained as per TxDOT Test Procedure Tex-113-E.
 - b) Any deviation, in the finished surface in excess of ¼ inch, in cross-section or in a length of 16 feet (16') measured longitudinally, shall be corrected by loosening, adding or removing material, reshaping, and recompacting by sprinkling and rolling.
 - c) The completed flexible base shall have a minimum compacted depth as specified.

III. HOT MIX ASPHALTIC CONCRETE PAVEMENT

A. General

1. Asphaltic concrete pavement shall conform to TxDOT Item 340 and consist of a fine base course and fine surface course to be composed of a compacted mixture material as specified herein and shall be constructed on a flexible base constructed in accordance with the standards set out above.
2. The asphaltic mixture, prime coat, or tack coat shall be applied when the air temperature is at or above 50 degrees, or when the air temperature is above 40 degrees and is steady or rising.
3. All materials and design of mixes shall be subject to the approval of the City and, when tested in accordance with these specifications and methods outlined in TxDOT Test Procedures Tex-204-F, Tex-208-F, and Tex-227-F. Materials and design mixes shall conform with the City's requirements and shall meet the following laboratory density and stability requirements:

Table 4.3 – Laboratory Density and Stability Requirements

	Optimum Laboratory Density (%)	Laboratory Density (%)		Stability (%)
		Min.	Max.	
Local Streets–Surface Courses	97	95	99	35 min.
Collectors and Arterials – Surface Courses	97	95	99	40-60
All Base Courses	97	95	99	35 min.

B. Materials

1. Aggregates

- a) The aggregate gradation for the hot-mix asphaltic concrete (HMAC) shall be Type D for the surface finish and Type B for the base course in depths shown in the standard details. The asphalt material for Type D HMAC shall be PG 70-22 or approved equal. The asphalt material for Type B HMAC shall be PG 64-22 or approved equal. The aggregate for hot-mix asphaltic concrete shall meet the Aggregate Quality Monitoring Program (AQMP) Class B requirements.
- b) The asphaltic material shall form 4-1/2% to 7% of the mixture weight. The course shall be gravel or crushed stone, uniform in quality throughout, shall be free from dirt, organic, or other injurious matter occurring either free or as coating on the aggregate. The percent of wear, as determined by TxDOT Test Method Tex-410-A (Los Angeles Abrasion Test), for each of the materials, except natural limestone rock asphalt (LRA), shall not exceed 35 percent. The percent of wear on natural limestone rock asphalt aggregate (LRA) shall not exceed 40 percent.

- c) The fine aggregate shall consist of sand, stone screenings, or a combination of both. Sand shall be composed of sound, durable stone particles free from loams or other injurious foreign matter. Screenings shall be of the same or similar material as specified for coarse aggregate. The plasticity index of that part of the fine aggregate passing the No.40 sieve shall be not more than three (3) when tested by TxDOT Test Procedure Tex-107-E, II.
2. Asphalt Cement – AC-10 shall be used in the cooler months (October through April), and AC-20 shall be used in the warm summer months of the year. The material shall be homogenous, shall be free from water, shall not foam when heated to 350°F, and shall meet the following requirements:

Property	Test Procedure	Viscosity Grade			
		AC-10		AC-20	
		Min.	Max.	Min.	Max.
Viscosity, 140°F, Poise	T 202	800	1,200	1,600	2,400
Viscosity, 275°F, Stokes	T 202	1.9	-	2.5	-
Penetration, 77°F, 100g. 5 sec.	T 49	85	-	55	-
Flash Point, C.O.C. °F	T 48	450	-	450	-
Solubility in trichloroethylene, %	T 44	99.0	-	99.0	-
Test on residues from thin film oven test:	T 179	-		-	
Viscosity, 140°F, Stokes	T 202	-	3,000	-	6,000
Ductility, 77°F, 5 cm per min., cm	T 51	70	-	50	-
Spot Test	TEX-509-C	Negative		Negative	

The recommended heating range of the asphaltic material during mixing and application shall be from 275°F to 350°F. For heating and storage, the maximum allowable temperature is 350°F. The asphalt shall be from a source acceptable by TxDOT and shall not be cracked.

3. Prime and Tack Coats – MC-30 cut-back asphalt shall be used for priming the base course. RC-250 cut-back asphalt shall be used for tack coat. They shall meet the following requirements:

Type	MC-30		RC-250		
Properties	Test Method	Min.	Max.	Min.	Max.
Water, %	T55	-	0.2	-	0.2
Flash Point, T.O.C., °F	T79	100	-	80	-
Kinematic viscosity. @ 140°F. cst	T201	30	60	250	400
Distillation Test:	T78				
Distillate, as % by volume to total distillate to 680°F(360°C);, shall be as follows:					
to 437°F		-	25	40	75
to 500°F		40	70	65	90
to 600°F		75	93	85	-

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Residue from 680°F Distillation, Volume, %		50	-	70	-
Tests on Distillation Residue:					
Penetration @77°F (25°C), 100g, s, 01 mm:	T49	120	250	80	120
Ductility @ 77°F, 5 cm/min, cms	T51	100*	-	100	-
% Solubility in trichloroethylene	T44	99.0	-	99.0	-
Spot Test	Tex 509-C	All Negative			

(Tex = TxDOT, T = AASHTO for this table)

* If penetration of residue is more than 200 and the ductility at 77°F (25°C) is less than 100 cm (1000 mm), the material will be acceptable if its ductility at 60°F (16°C) is more than 100cm (1000 mm).

C. Construction Methods

1. The prime coat shall consist of MC-30 asphalt as specified herein, applied evenly and smoothly at the rate of 0.32 gallons per square yard, at a pressure necessary for even distribution.
2. If the prime coat is allowed to become over-dry and dusty, or traffic is allowed on the prime coat, and the new hot-mix asphaltic course, in the opinion of the Engineer, will not adhere to the base coarse, a tack coat shall be applied. The tack coat shall consist of RC-250 cut-back asphalt, as specified herein, applied evenly and smoothly at the rate of 0.10 gallons per square yard, at a pressure necessary for even distribution.
3. The hot mix-asphaltic concrete shall arrive on the job site at a temperature between 225°F and 300°F. In no case shall hot-mix be compacted in place at a temperature less than 175°F.
4. After approval of the base by the City, the asphaltic mixture shall be applied with a spreading and finishing machine acceptable to the City that will produce a smooth and uniformed textured surface. Adjacent strips of surfacing will be laid to the extent possible so that the longitudinal joints will be hot joints. Rolling will not be permitted within one foot (1') of exposed longitudinal joint until adjacent strip has been laid, unless the adjacent strip cannot be laid before the asphaltic material laid will cool below the proper rolling temperature. Transverse joints at the end of placement, and those which have become cold, will be cut out to a vertical joint. Transverse joints for adjacent strips will be offset by two times the width of the strip.
5. Compaction of the asphaltic mixture shall be by the use of the steel wheel roller followed by the tandem and/or pneumatic roller(s), each starting at the low side and progressing toward the high center of high side of the pavement. Rolling shall be continued until no further compression can be obtained and until the roller marks are eliminated.
6. No traffic shall be permitted on surfacing during or after rolling until the asphaltic material has cooled sufficiently to preclude marking or damage.

D. Testing

Prior to construction of the hot-mix asphaltic concrete base and surface courses, a sieve analysis of the aggregate and laboratory test results of the density and stability of the hot-mix to be used on this project shall be furnished to and approved by the City.

IV. CONCRETE PAVEMENT CONSTRUCTION

A. Materials

1. Concrete – Concrete used in paving shall be in accordance with Concrete and Reinforcing Standards, Chapter 5, and as shown on the Details.
2. Reinforcing – Steel for concrete paving shall be in conformity with all requirements of Concrete and Reinforcing Standards, Chapter 5, and as shown on the Details.

B. Construction Methods

1. Treated Subgrade – Concrete shall not be placed until the Contractor has verified that the new subgrade has been prepared and compacted to the typical sections, lines and grades indicated on the appropriate construction drawings and standard details. Before the concrete is placed, the on-site surficial subgrade soils shall be treated with lime in accordance with the TxDOT Item 260 to a minimum 8 inches in depth and two feet (2') behind the curb. The actual quantity of the lime should be determined at the time of construction based on testing conducted on mixtures of the subgrade soils with lime. The lime used shall be lime or commercial lime slurry conforming to TxDOT Item 260. The subgrade should be compacted to a minimum of 95 percent of Standard Proctor (ASTM D 698) maximum dry density within 2 percent of the optimum moisture content.
2. Forms – Forms shall be accurately set to a minimum distance of 300 feet. Form sections shall be tightly joined and keyed to prevent relative displacement. They shall be cleaned and oiled each time they are used. Forms must be inspected by the City before any concrete is placed. If forms settle and/or deflect over 1/8 inch (1/8") under finishing operations, paving operations shall be stopped and the forms shall be reset to line the grade.
3. Placement - Concrete shall not be placed when the temperature is below 40 °F and falling. Concrete may be placed when the temperature is above 35 °F and steady or rising. Salt or other chemical additives shall not be added to concrete to prevent freezing. The contractor shall be responsible for replacing any concrete that freezes during curing. All concrete shall be constructed monolithically unless otherwise stated on construction drawings or typical sections.
4. Finishing – Where hand distribution is necessary, concrete shall be distributed to required depth by use of shovels. The use of rakes will not be permitted. Immediately upon unintended stoppage of placement operation, a standard bulkhead shall be installed at right angles to the centerline of the pavement. Joint-sealing material shall be placed in sawed and other joints as required. Pavement shall be finished with a brush finish or as otherwise specified. After finishing is complete and the concrete is still workable the gutter and surface shall be tested by the contractor for trueness with a ten foot (10') steel straightedge. The maximum ordinate measurement shall be 1/16 inch (1/16").

V. CURB AND GUTTER AND VALLEY GUTTERS

A. Materials

1. Concrete – Concrete used in paving shall be in accordance with Concrete and Reinforcing Standards, Chapter 5, and as shown on the Details.
2. Reinforcing – Steel for concrete paving shall be in conformity with all requirements of Concrete and Reinforcing Standards , Chapter 5, and as shown on the Details.
3. Materials for machine laid curb shall conform to the requirements as specified in the Concrete and Reinforcing Standards , Chapter 5, except that the slump shall not exceed one inch (1”), the concrete shall contain a minimum of six (6) sacks of cement per cubic yard and the coarse aggregate when tested by approved methods shall conform to the following grading requirements:

Retained on 1/2” sieve	0%
Retained on 3/8” sieve	0-5%
Retained on #4 sieve	35-60%
Retained on #10 sieve	90-100%

B. Formed Curb and Gutter

Curb and gutter or separate gutter installation grades shall conform to the engineering plans and shall be constructed as shown on the Details. In not more than one hour after the concrete has been placed, a thin coating not over 1/2” nor less than 1/4” thick of finish mortar, composed of one-part cement and two parts of fine aggregate, shall be worked into the exposed faces of the curb and gutter by means of a molding form. The curb and gutter shall then be finished true to line and grade with the aid of a straight edge, steel trowel, steel finishing tool, and fine brush. After work has become firm, it is to be brushed lightly with a final crosswise brushing. The forms shall remain in place a minimum of 24 hours unless approved otherwise by the Engineer or designated representative.

C. Machine Laid Curb

1. Curb and gutter or separate gutter installation grades shall conform to the engineering plans and shall be constructed as shown on the Details. To provide a continual check on the curb grade, a pointer or gauge shall be attached to the machine in such a manner that a comparison can be made between the curb and the guideline.
2. The mix shall be fed into the machine in such a manner and of such consistency that the finished curb will present a well compacted mass true to the established shape, line and grade, with a surface free of voids or honeycomb. Any additional surface finishing specified and/or required shall be performed immediately after extrusion. The completed curb shall be cured for a period of not less than 72 hours.

D. Dummy and Expansion Joints

Dummy Joints shall be formed as a 1/2 inch (1/2") deep transverse tooled joints at 20 foot intervals. 1/2 inch expansion joints shall be installed where a curb intersects, joins, or abuts a structure as well as at not less than 600 feet (600') intervals or in the middle of a block when a block length is less than 600 feet (600'). The joint material shall be bitumastic fiber.

E. Valley Gutters

Concrete valley gutters shall be constructed to carry water flows across asphaltic streets only as approved by the City Engineer. Storm drain inlets and pipe shall be installed to avoid the installation of valley gutters at places other than street intersections unless approved by the City Engineer. The valley gutter shall be extended to include the area formed by the intersection of the back-face of the valley gutter, the projections of gutter face and the intersecting street, and the circular curb return.

VI. SIDEWALKS

A. General

Sidewalks shall be four foot minimum (4') width, four-inch (4") thick 3,000 psi concrete, with #3 reinforcing bars placed no more than 16 inches (16") on center each way. All reinforcement shall be placed at mid-depth of the concrete. All design and installation shall meet the latest code for the Americans with Disabilities Act (ADA) and the Texas Accessibility Standards (TAS). When placed against the curb, all sidewalks shall be doweled into the back of curb with #3 reinforcing bars at 16 inches (16") on center per the Details.

B. Materials

Concrete used in the construction of sidewalks shall be in accordance with the specifications set out in Chapter 5, Concrete and Reinforcing Standards.

C. Construction Methods

1. Sidewalks shall be constructed on a two-inch (2") sand cushion over undisturbed natural soil or compacted fill.
2. Splices in the #3 bars shall have a minimum lap of 12 inches (12") to maintain a uniform strength.
3. No concrete shall be placed until the City has inspected and approved the type and placement of the reinforced steel.
4. One inch (1") deep transverse tooled dummy joints shall be placed at ten-foot (10') intervals.

VII. DRAINAGE STRUCTURES

A. Design Requirements

1. Inlets – A minimum curb inlet length of ten feet (10') with six-inch (6") throat opening shall be provided. Inlets shall be sized to achieve a capability of one cubic foot per second (1 cf/sec) of opening for the throat height of five inches (5").

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2. Inlets to storm water drainage systems shall be provided at such locations as are necessary to prevent street hydraulic capacity being exceeded as defined in the City of Lockhart Drainage Ordinance.
 3. Storm Drains – Storm drains shall be minimum diameter 18 inches (18”). Outfalls from storm drains and ditches into natural drainage ways shall enter the grade of the natural drainage channel. Drop-type outfall structures, headwalls and wing-walls as specified by TxDOT standards shall be provided along with energy dissipators to control erosion.
 4. Manholes – Manholes shall be provided at all changes in grade or alignment, at all storm drain intersections, and at intervals of no more than 1,000 feet on straight lines. Design of manholes shall conform to the Details.
 5. Open Channel Design – All open channels shall be sized for design flow and shall be concrete lined unless otherwise approved by the City. Channel invert and sides shall be a minimum of five inches (5”) thick with No. 3 reinforcing bars at twenty-four inches on center each way (24” OCEW). Side slopes shall have a horizontal/vertical ratio of two to one (2:1) or greater.
 6. Detention facilities – All detention facilities shall be constructed to meet the City’s currently adopted hydraulic manual and drainage requirements. Requirements with outfall structures designed to accommodate runoff from a 2, 10, 25, 50, and 100-year events or as approved by the City Engineer. All detention facilities shall contain a concrete pilot channel at least three feet (3’) wide with 12” toe-downs, or as approved by the City Engineer. All earthen areas in such facilities shall be “hydro-mulched” or “sod covered”.

B. Materials for Drainage Structures.

1. Concrete – All concrete and reinforcing steel used in drainage structures shall be in accordance with the specifications set out in Chapter 5, Concrete and Reinforcing Standards. Cast in place concrete shall be Class A and precast shall be Class C.
2. Pipe – Pipe for storm drains shall be concrete pipe in sizes as shown on the approved plans. All concrete pipes shall be RCP ASTM Specification C76. The pipe shall be Class III at a minimum. Where added strength of pipe is needed for traffic loads over a minimum cover or for excessive height of backfill, extra strength pipe shall be used. Pipe shall have minimum cover of not less than one foot (1’) over the top of the pipe. All pipes shall have integral tongue and groove joints. All concrete pipe bends or fittings shall be prefabricated construction using RCP.
3. Manholes – Manholes shall be constructed as shown on the Details. Cast iron frame and covers shall conform to ASTM A48 Class 30 Specification. Covers shall have a 32 inch opening and weight of at least 210 pounds. The cover shall be marked “STORM”.
4. Pipe and Joint Materials:
 - a) Asphalt compounds – Asphalt compounds shall consist of asphalt base, volatile solvents, and inert filler. The joint compound shall conform to current TxDOT Standards.
 - b) Mortar Mix – Mortar joint mix shall be composed of one-part cement or two parts of mortar sand.

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- c) Rubber Gaskets – Joints for storm drain pipe using rubber gaskets shall adhere to ASTM C443

C. Drainage Structure Construction

1. General

- a) Batter boards shall not be used for grade control; laser beam grade control shall be the only method that will be acceptable.
- b) Construction must begin at the lowest pipe elevation and continue upgrade with bells facing upgrade. Construction shall be continuous with construction of branch mains deferred until the main is constructed to the branch manholes junction points.

2. Trench Safety

- a) Trench Width – The trench width shall be equal to the pipe outside diameter plus twelve inches (12").
- b) Trench sides – The sides of the trench shall be excavated vertically to a minimum distance of one foot (1') over the top of the pipe, above which point, trench sides shall be excavated as near vertical as possible and safe.
- c) Protection from Rock – When rock is encountered; a minimum of six inches (6") of granular embedment shall be placed under the pipe.
- d) Installation – The pipe or conduit shall be assembled in the trench with the barrel resting uniformly on bedding and to the grade specified.

3. Embedment and Backfill

- a) Embedment – Specified embedment material shall be placed as shown in the trench details.
- b) Inspection and Backfill – The trench may be backfilled after inspection and approval by the City.
- c) Backfill Materials – Trenches not to be in proposed street area, existing streets, or within three feet (3') of the back of the curb or edge of pavement must include specified embedment material and may be backfilled with excavated select fill materials that are void of rocks and other objects larger than four inches (4") in diameter. Backfill shall be carefully placed in the trench to avoid damage to the pipe.
- d) Backfill in areas that will be in existing or proposed streets or within 3' of the back of curb or edge of pavement must include specified embedment material up to the specified sub-grade elevation in the construction plans.

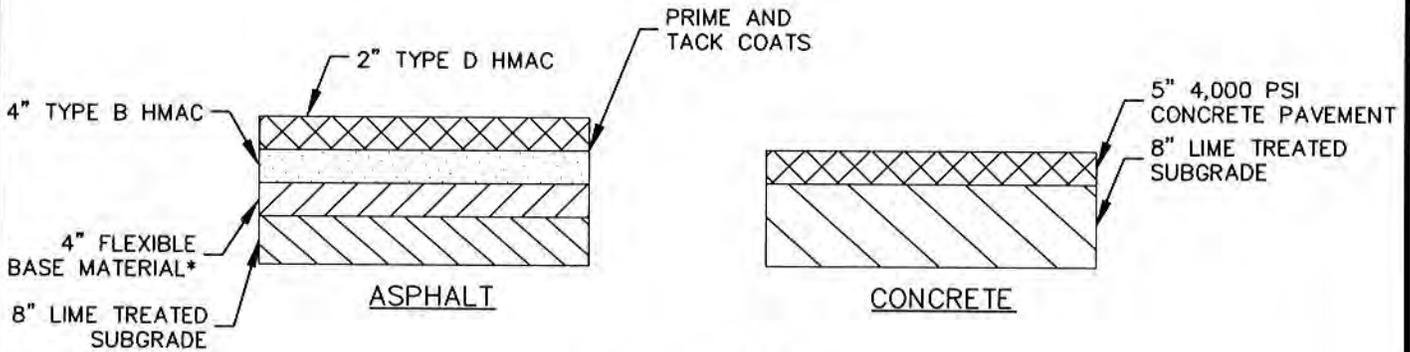
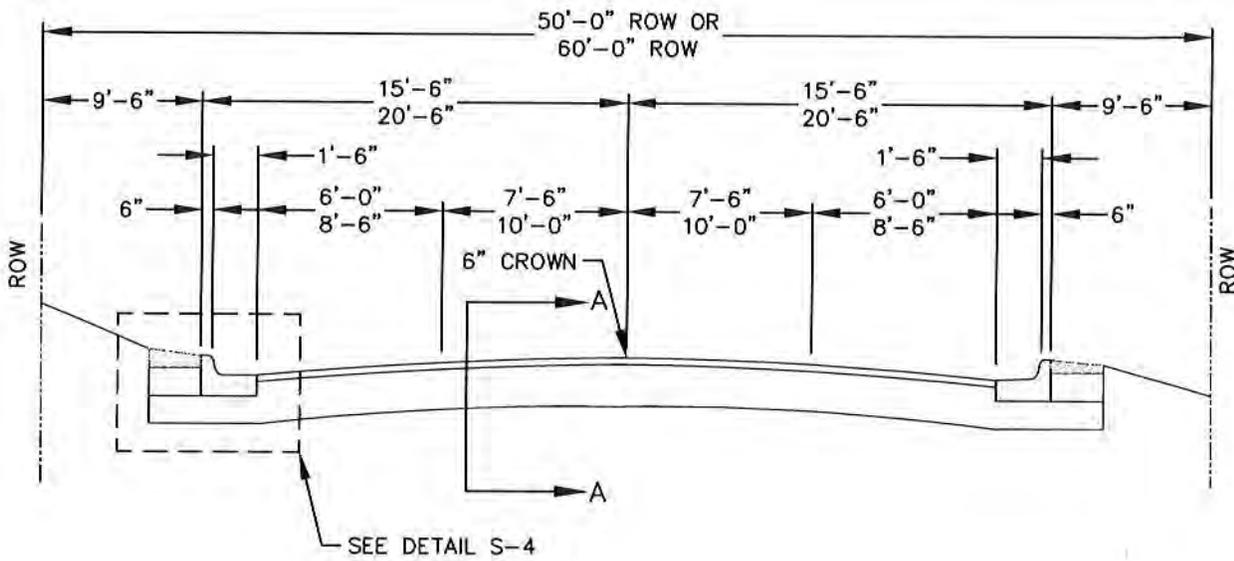
4. Joints

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- a) Mortar Joints – The storm drain pipe shall be laid to grade in the trench. The joint areas shall be thoroughly wetted. The lower one-half (1/2) of the groove shall be packed with mortar from the interior. The remaining groove area shall be quickly packed with mortar from the exterior. A mortar bead shall be formed around the pipe joint. The bead shall extend a minimum of one inch (1”) on each side of the joint and project outward a distance of one inch (1”). The inside of pipe joint shall be furnished smooth with the inside of the pipe. The joint shall be protected from sun and air by approved wet wrapping or wet oil cover for a minimum of 48 hours or until backfilled. Joints shall not be made when temperature is 40 °F or below.
- b) Flexible Joints – Install joint sealants in accordance with the pipe and joint manufacturer’s recommendations. Preformed flexible joint sealants shall comply with ASTM C990. Rubber gasket joint sealants shall comply with ASTM C443. Place joint sealer so that no dirt or other deleterious materials come in contact with the joint sealing material. Pull or push home the pipe with enough force to properly seal the joint with the final joint opening on the inside of the installed pipe being less than or equal to the pipe manufacturer’s recommended dimensions. Protrusion of a joint material greater than one-eighth inch (1/8”) into interior of pipe will not be accepted.

VIII. STREET, SIDEWALK, AND DRAINAGE STRUCTURES DETAILS

Detail	Detail No.
Typical Section for Minor/Collector Streets	S-1
Typical Section of Major/Arterial Streets	S-2
Typical Section of Major/Arterial Streets with Median	S-3
Behind Curb Detail	S-4
Curb and Gutter	S-5
Concrete Paving Plan of Steel Layout	S-6
Concrete Paving Joint Spacing	S-7
Expansion and Tooled Dummy Joints	S-8
Sawed Dummy Joint Longitudinal Construction Joint and Sawed Dummy Joint	S-9
Street Stub Header	S-10
25' Alley Section (Asphalt Pavement)	S-11
15' Alley Section (Asphalt Pavement)	S-12
25' Alley Section (Concrete Pavement)	S-13
15' Alley Section (Concrete Pavement)	S-14
Concrete Valley Gutter	S-15
Street Stub Barricade	S-16
Typical Curb Inlet Section View	S-17
10' Curb Inlets	S-18
15' and 20' Curb Inlets	S-19
Recessed Curb Inlet	S-20
4'- 0" to 6'- 0" Square Storm Drain Manhole	S-21
Sidewalk Detail	S-22
Parallel & Perpendicular Curb Ramps	S-23
Directional Curb Ramp	S-24
Curb Ramp Notes	S-25
Sidewalk Across Driveway	S-26
ROW Trench Detail	S-27
Trench Detail	S-28
Concrete Pilot Channel	S-29



SECTION A-A

NOTES:

1. 6" PARABOLIC CROWN EXCEPT AT INTERSECTIONS OR AS APPROVED BY THE CITY ENGINEER. (CROWN HEIGHT DEVIATIONS NOT PERMITTED FOR DRAINAGE REASONS.)
2. UTILITY TRENCHES PLACED WITHIN THE STREET OR WITHIN 3' FROM BACK OF CURBS THAT ARE 3' OR MORE IN DEPTH SHALL COMPLY WITH THE TRENCH DETAILS. (FOR PIPE SIZE 6" AND LARGER)
3. THICKNESSES SHOWN ARE MINIMUMS. ACTUAL THICKNESSES SHALL BE BASED ON APPROVED GEOTECHNICAL REPORT.
4. REFERENCE CHAPTER 4 OF THE CITY CONSTRUCTION STANDARDS FOR ADDITIONAL REQUIREMENTS.
- *5. FOR COLLECTOR STREETS, FLEX BASE THICKNESS SHALL BE 6".

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:

TYPICAL SECTION FOR
MINOR / COLLECTOR
STREETS

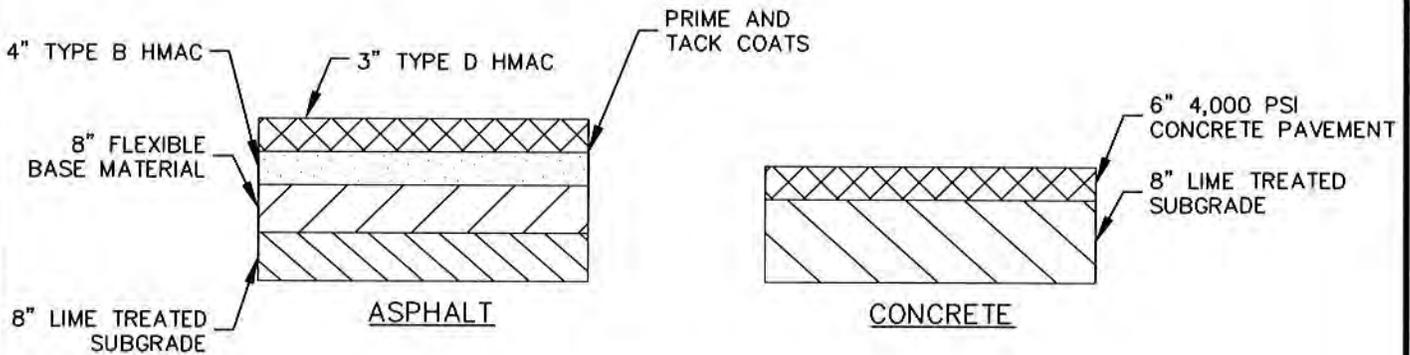
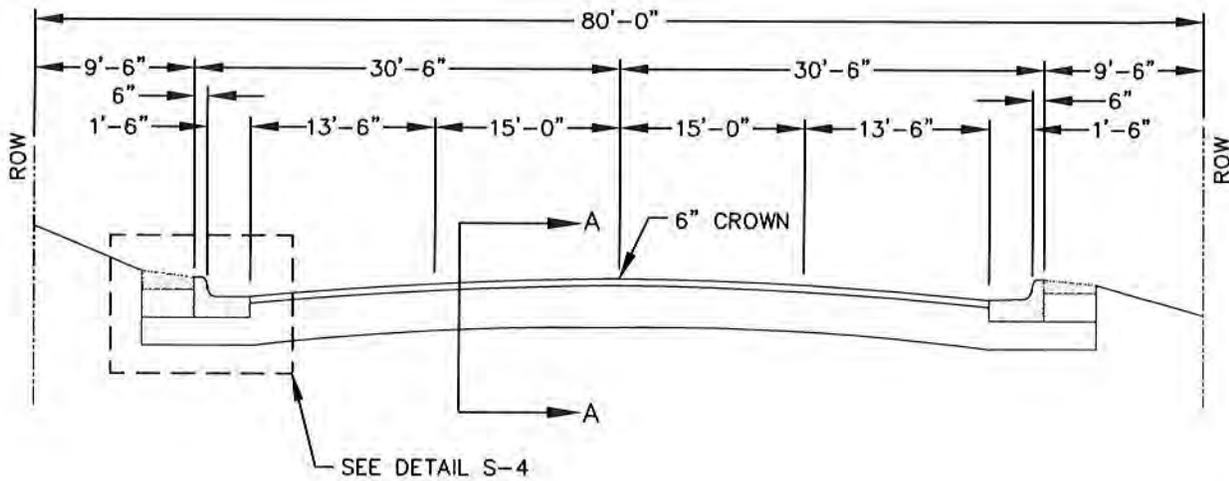
SCALE:

NTS

DRAWING No.

S - 1

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SECTION A-A

NOTES:

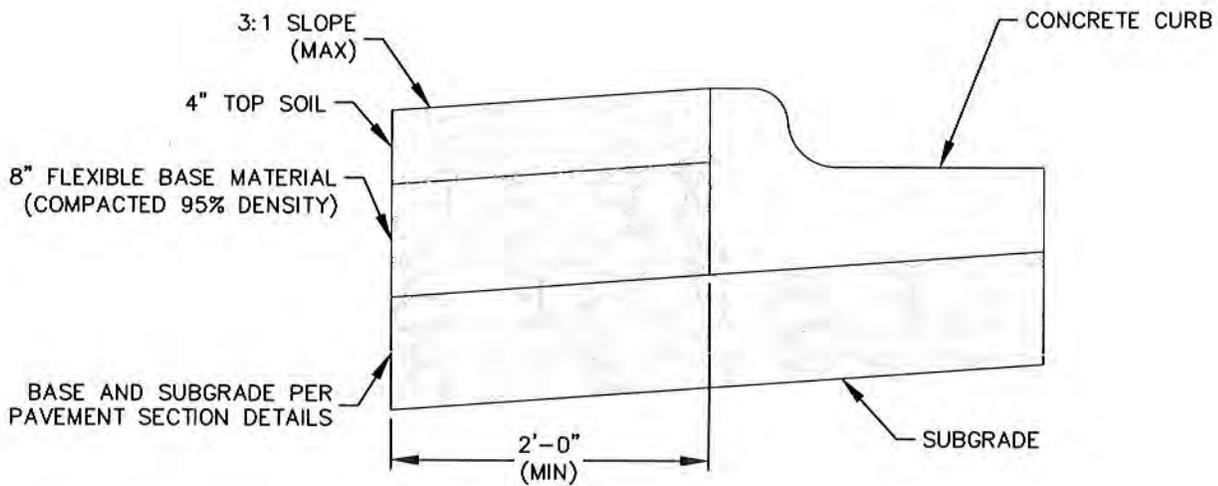
1. 6" PARABOLIC CROWN EXCEPT AT INTERSECTIONS OR AS APPROVED BY THE CITY ENGINEER. (CROWN HEIGHT DEVIATIONS NOT PERMITTED FOR DRAINAGE REASONS)
2. UTILITY TRENCHES PLACED WITHIN THE STREET OR WITHIN 3' FROM OF CURBS THAT ARE 3' OR MORE IN DEPTH SHALL COMPLY WITH THE TRENCH DETAILS. (FOR PIPE SIZE 6" AND LARGER)
3. THICKNESSES SHOWN ARE MINIMUMS. ACTUAL THICKNESSES SHALL BE BASED ON APPROVED GEOTECHNICAL REPORT.
4. REFERENCE CHAPTER 4 OF THE CITY CONSTRUCTION STANDARDS FOR ADDITIONAL REQUIREMENTS.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	
TYPICAL SECTION OF MAJOR/ARTERIAL STREETS	
SCALE:	DRAWING No.
NTS	S - 2

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NOTES:

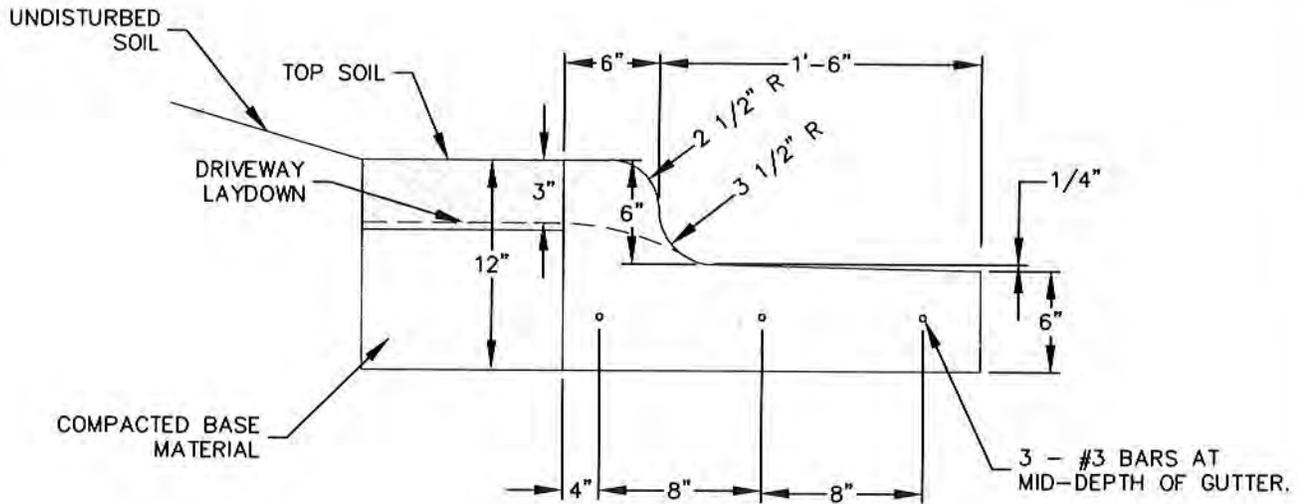
1. ALL COMPACTION SHALL BE PER TxDOT TEX-113-E
2. FOR ASPHALT PAVEMENT, PLACE MINIMUM OF 4" FLEX BASE AND 8" LIME TREATED SUBGRADE BENEATH CURB. FOR CONCRETE PAVEMENT, PLACE MINIMUM 8" LIME TREATED SUBGRADE BENEATH CURB. SEE TYPICAL STREET SECTION DETAILS.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

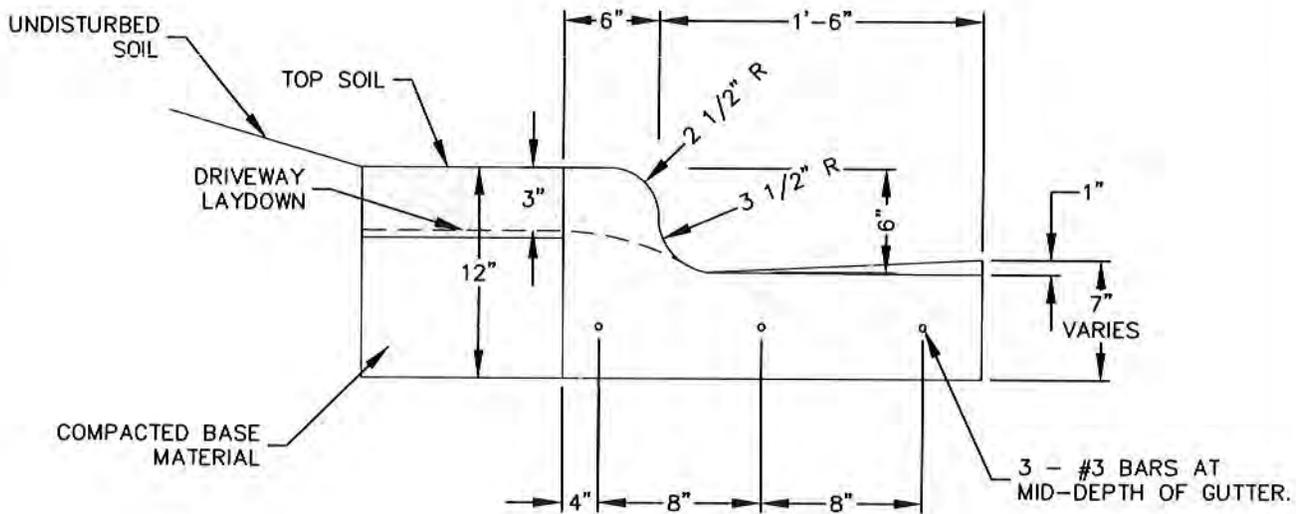
DATE ISSUED:	APRIL 1987	
REV	DATE	BY
1	NOV 2002	CS
2	JAN 2020	JAD

TITLE:	BEHIND CURB DETAIL	
SCALE:	NTS	DRAWING No. S - 4

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SPILL



CATCH

NOTES:

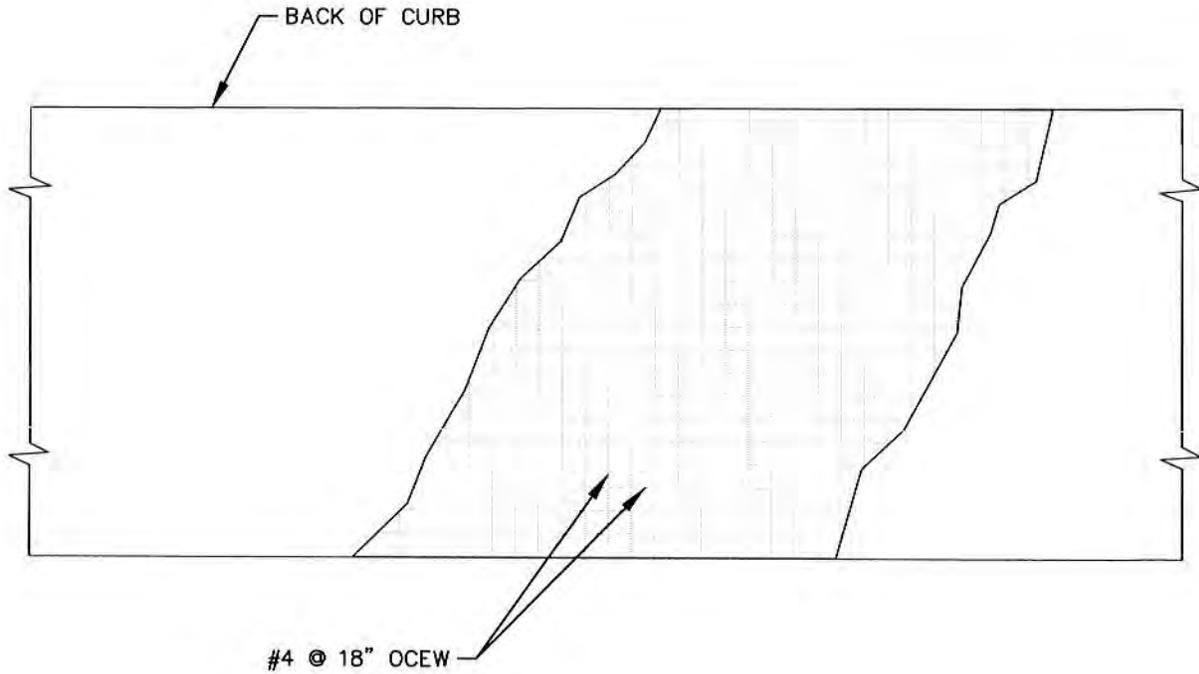
1. SPILL GUTTER TO BE USED ON UPGRADE OF VALLEY GUTTERS.
2. FOR CONCRETE CURB AND GUTTER REMOVAL/REPLACEMENT, INSTALLED SECTION SHALL MATCH EXISTING CURB RADII.
3. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
4. ALL CONCRETE AND REBAR SHALL BE INSTALLED PER ACI CODE.
5. REFERENCE BEHIND CURB DETAIL FOR BACKFILL REQUIREMENTS BEHIND AND UNDERNEATH CURB.

THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	
CURB AND GUTTER	
SCALE:	DRAWING No.
NTS	S - 5

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NOTE:

1. THE REINFORCING STEEL SHALL EXTEND THROUGH BOTH DUMMY AND CONSTRUCTION JOINTS. LAP BARS 40 DIAMETERS AND TIE. REBAR SIZE AND SPACING SHOWN ARE MINIMUMS. PAVEMENT SECTION SHALL BE PER APPROVED GEOTECH REPORT.
2. ALL CONCRETE AND REINFORCING STEEL SHALL BE INSTALLED PER ACI CODE.
3. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.

THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

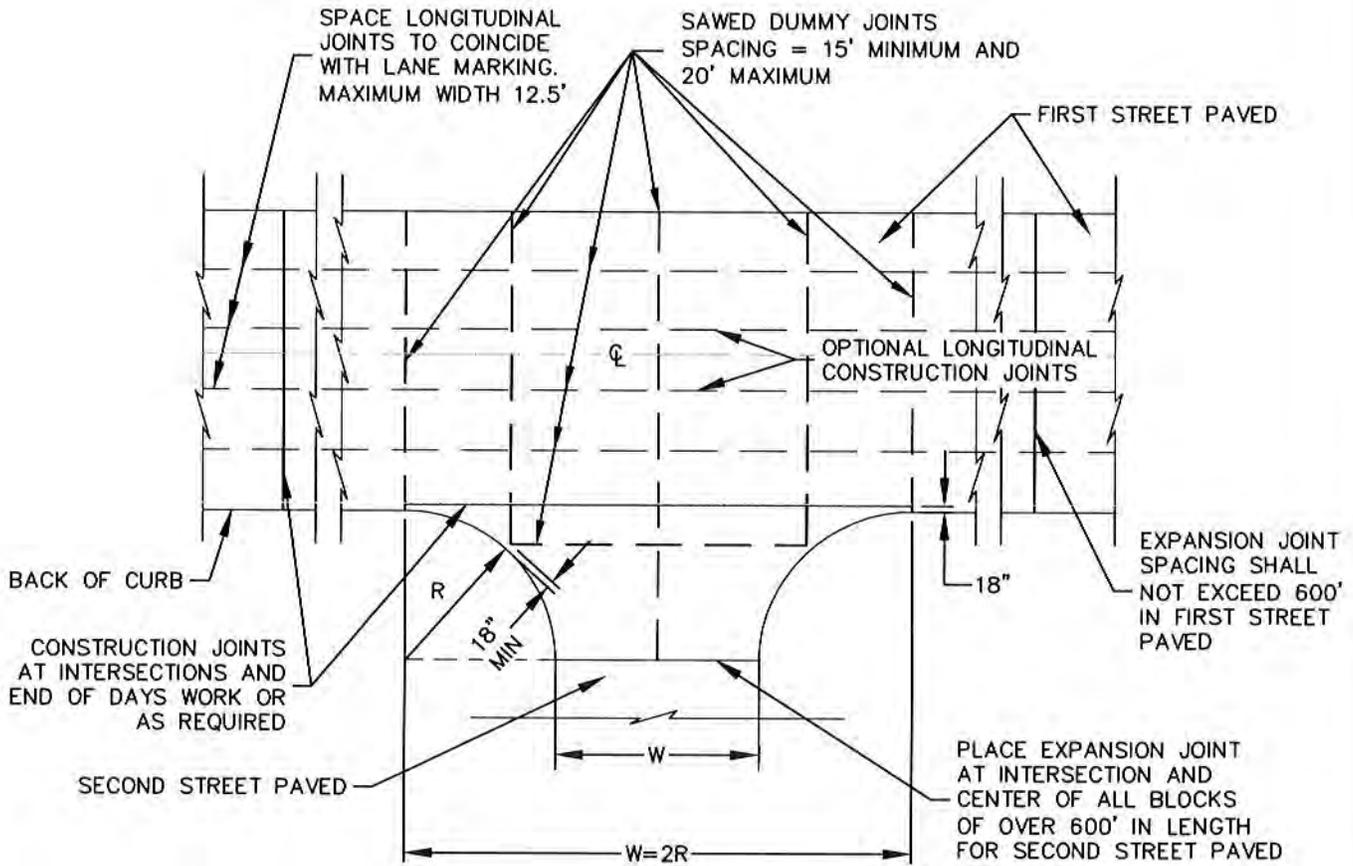
DATE ISSUED:	APRIL 1987	
REV	DATE	BY
1	NOV 2002	CS
2	JAN 2020	JAD

TITLE:
**CONCRETE PAVING PLAN
OF STEEL LAYOUT**

SCALE:
NTS

DRAWING No.
S - 6

134



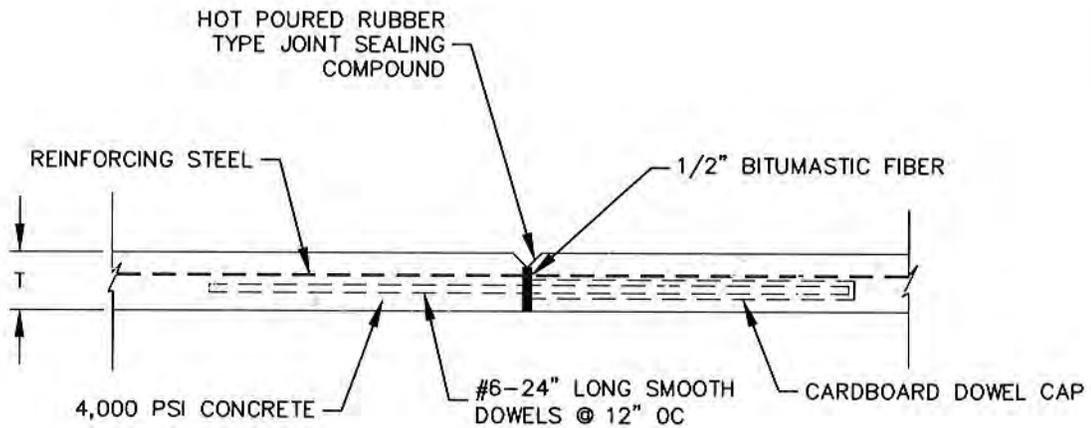
PLAN VIEW

THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

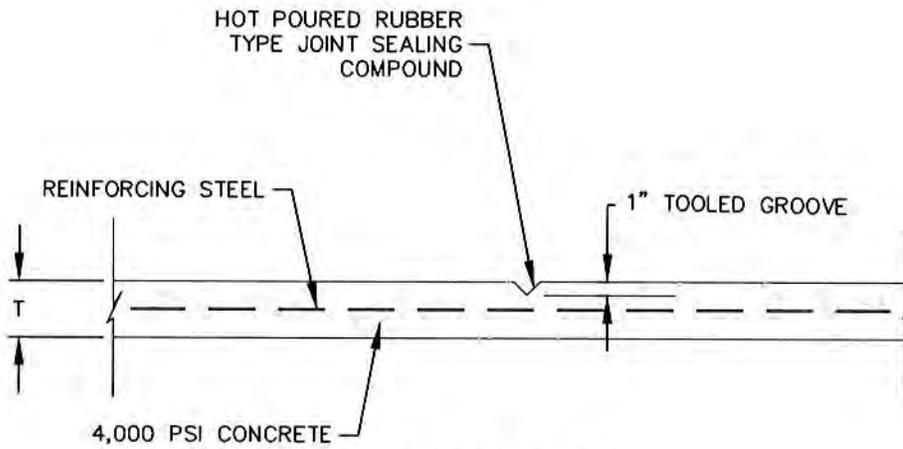
DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	
CONCRETE PAVING JOINT SPACING	
SCALE:	DRAWING No.
NTS	S - 7

135



EXPANSION JOINT



DUMMY JOINT

NOTES:

1. T = CONCRETE PAVEMENT THICKNESS.

THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

DATE ISSUED:	APRIL 1987	
REV	DATE	BY
1	NOV 2002	CS
2	JAN 2020	JAD

TITLE:

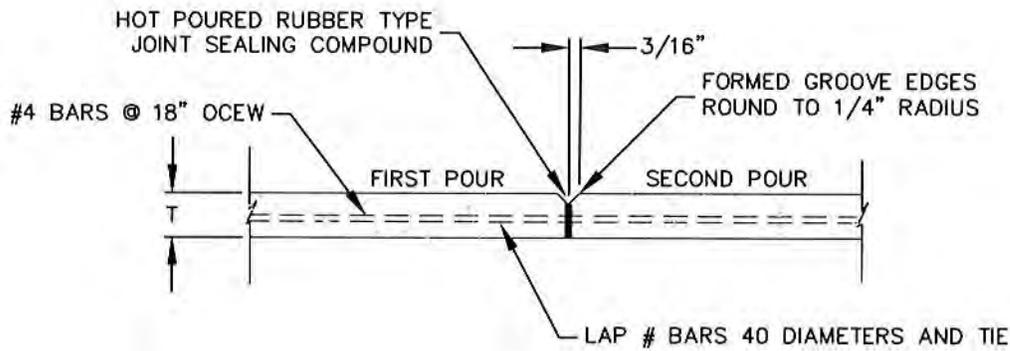
**EXPANSION & TOOLED
DUMMY JOINT DETAILS**

SCALE:

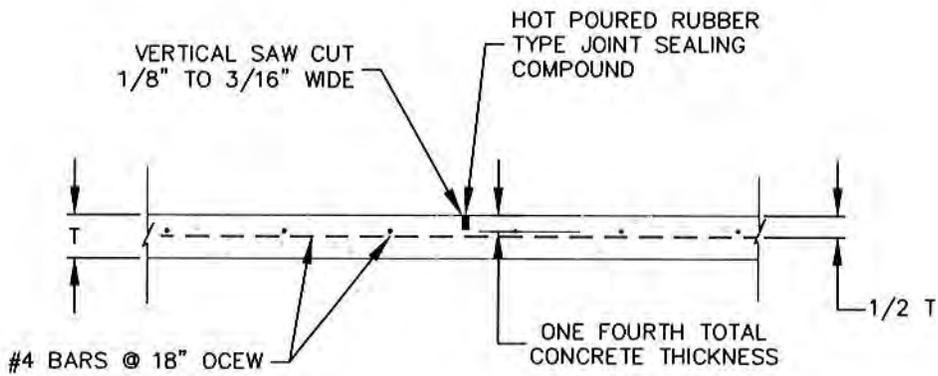
NTS

DRAWING No.

S - 8



LONGITUDINAL CONSTRUCTION JOINT



SAWED DUMMY JOINT

NOTE:

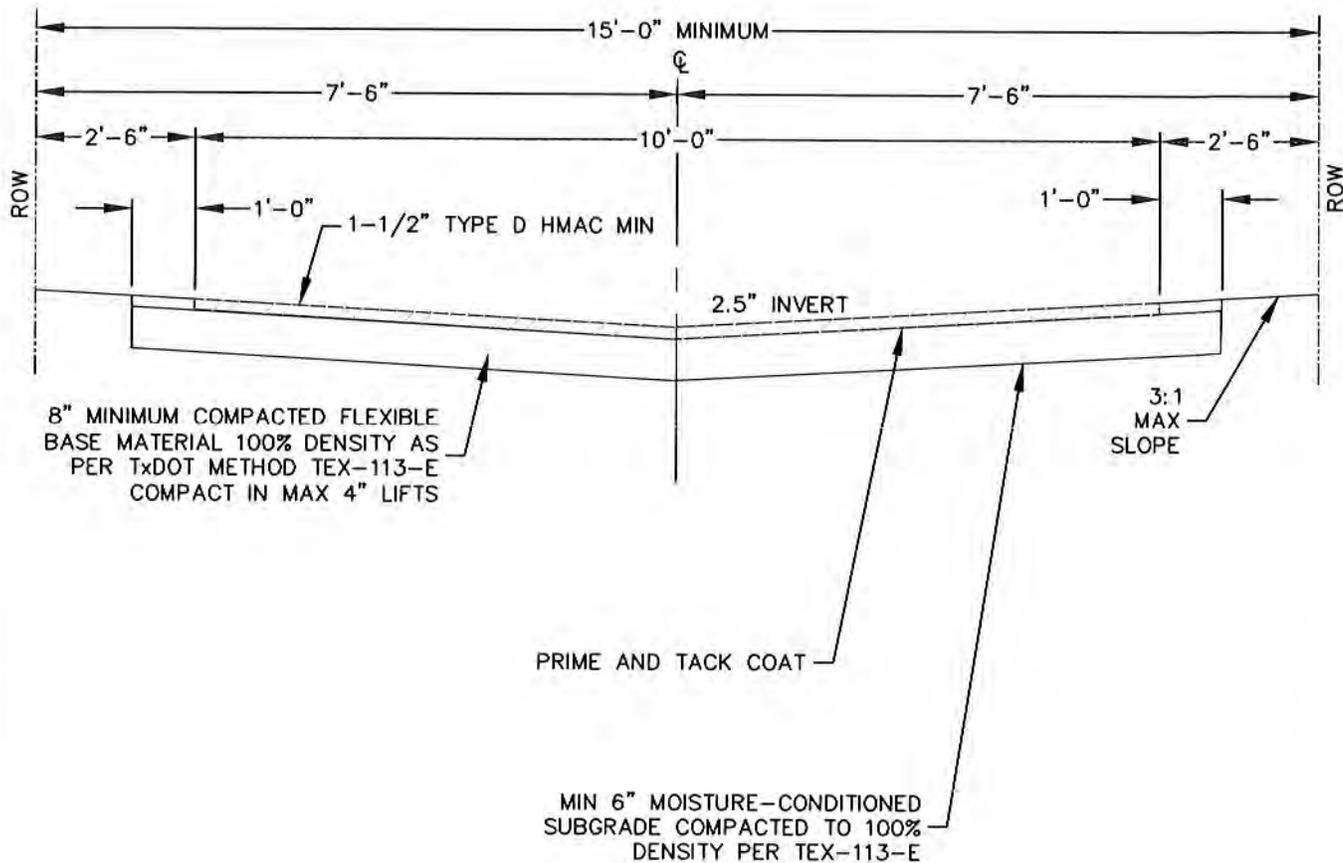
1. T = CONCRETE PAVEMENT THICKNESS

THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	
LONGITUDINAL CONSTRUCTION JOINT & SAWED DUMMY JOINT	
SCALE:	DRAWING No.
NTS	S - 9

137



NOTE:

1. PAVEMENT SECTION SHALL BE PER APPROVED GEOTECHNICAL REPORT. THICKNESSES SHOWN ARE MINIMUMS.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:

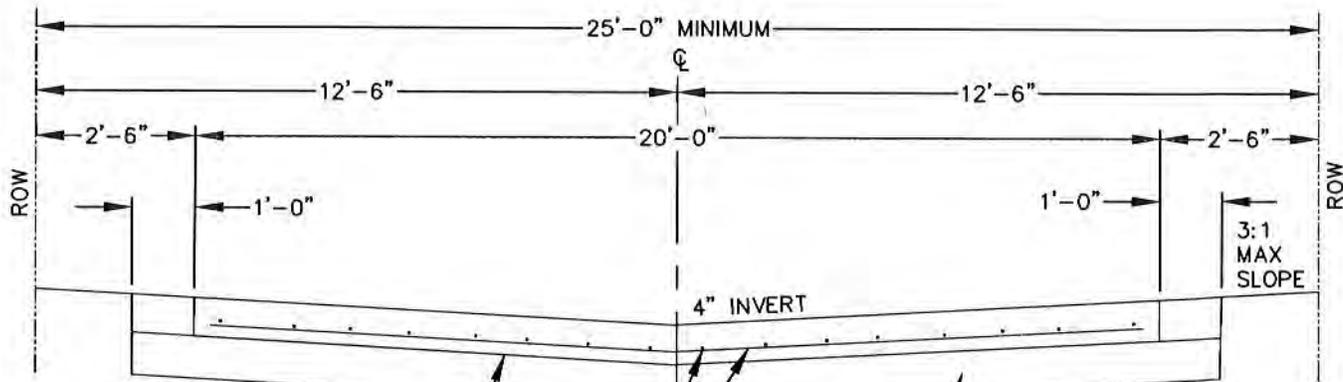
15' ALLEY SECTION
(ASPHALT PAVEMENT)

SCALE:

NTS

DRAWING No.

S - 12



5" 4,000 PSI CONCRETE PAVING

#4 @ 18" OCEW

STABILIZED SUBGRADE 6" LIME STABILIZED BASE,
OR 4" MINIMUM COMPACTED FLEXIBLE BASE 100%
DENSITY AS PER TXDOT METHOD TEX-113-E
W/ 6" MOISTURE-CONDITIONED SUBGRADE
COMPACTED TO 100% DENSITY PER TEX-113-E

NOTE:

1. PAVEMENT SECTION SHALL BE PER APPROVED GEOTECHNICAL REPORT. THICKNESSES, REBAR SIZE AND SPACING SHOWN ARE MINIMUMS.

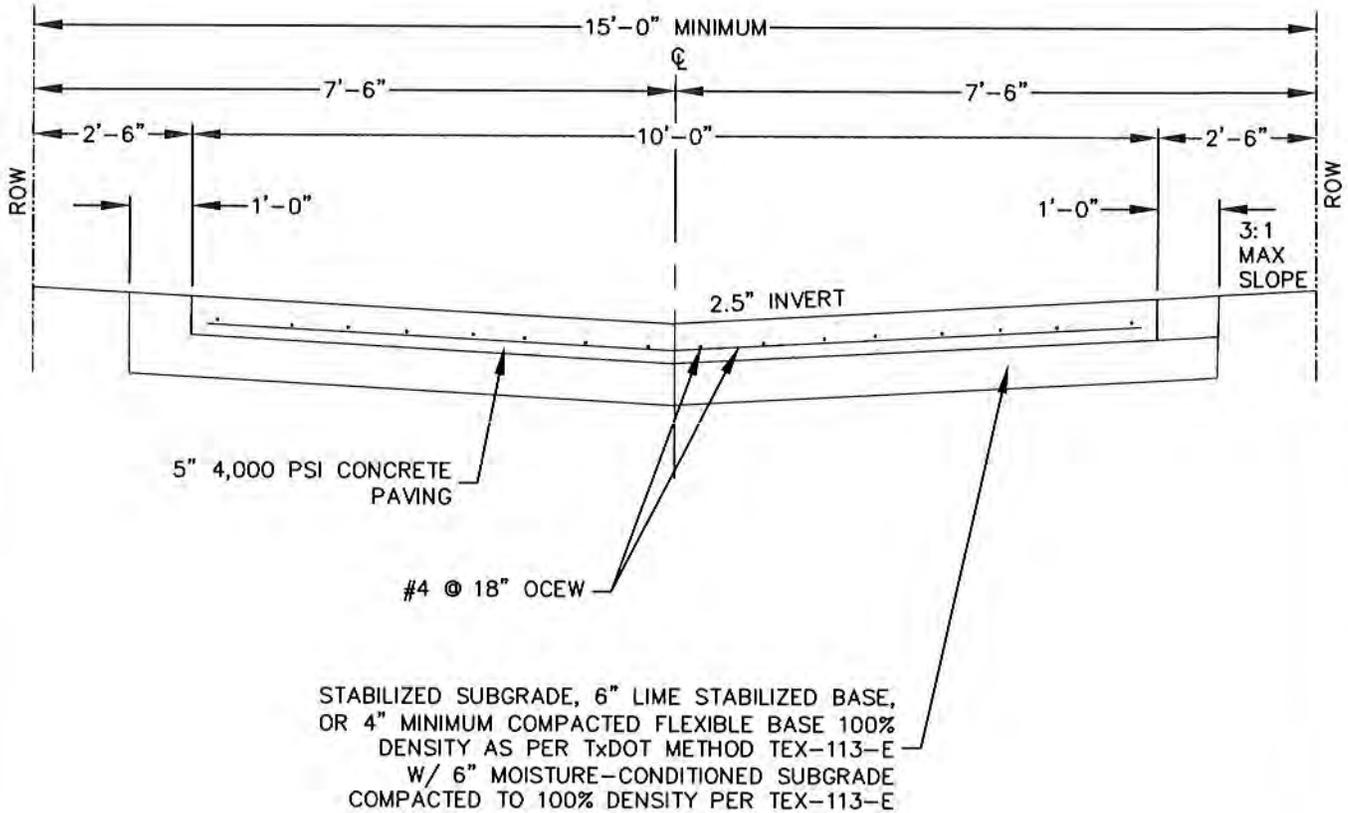
THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:
**25' ALLEY SECTION
(CONCRETE PAVEMENT)**

SCALE:
NTS

DRAWING No.
S - 13



NOTE:

1. PAVEMENT SECTION SHALL BE PER APPROVED GEOTECHNICAL REPORT. THICKNESSES, REBAR SIZE AND SPACING SHOWN ARE MINIMUMS.

THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

DATE ISSUED:	APRIL 1987		
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:

15' ALLEY SECTION
(CONCRETE PAVEMENT)

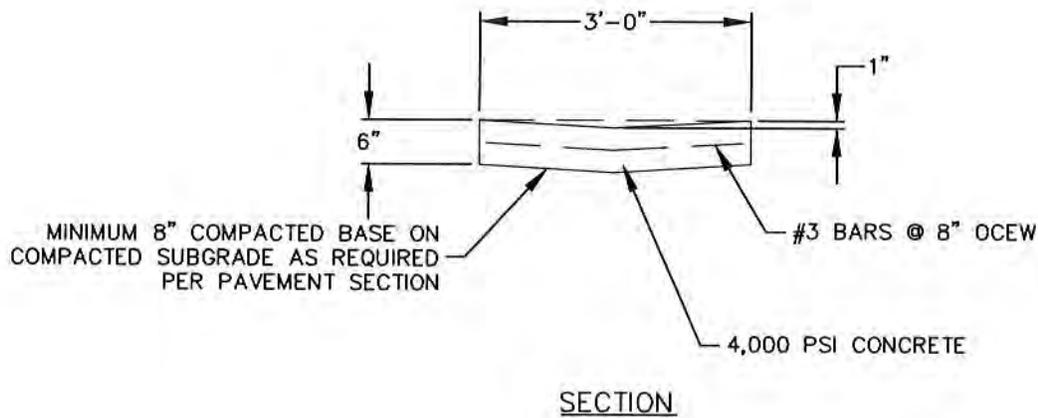
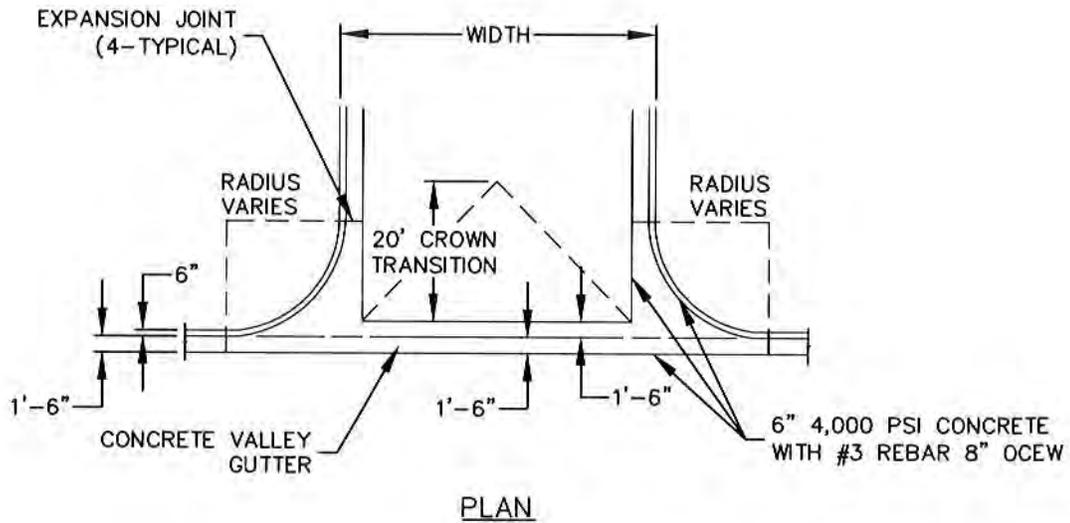
SCALE:

NTS

DRAWING No.

S - 14

142



NOTES:

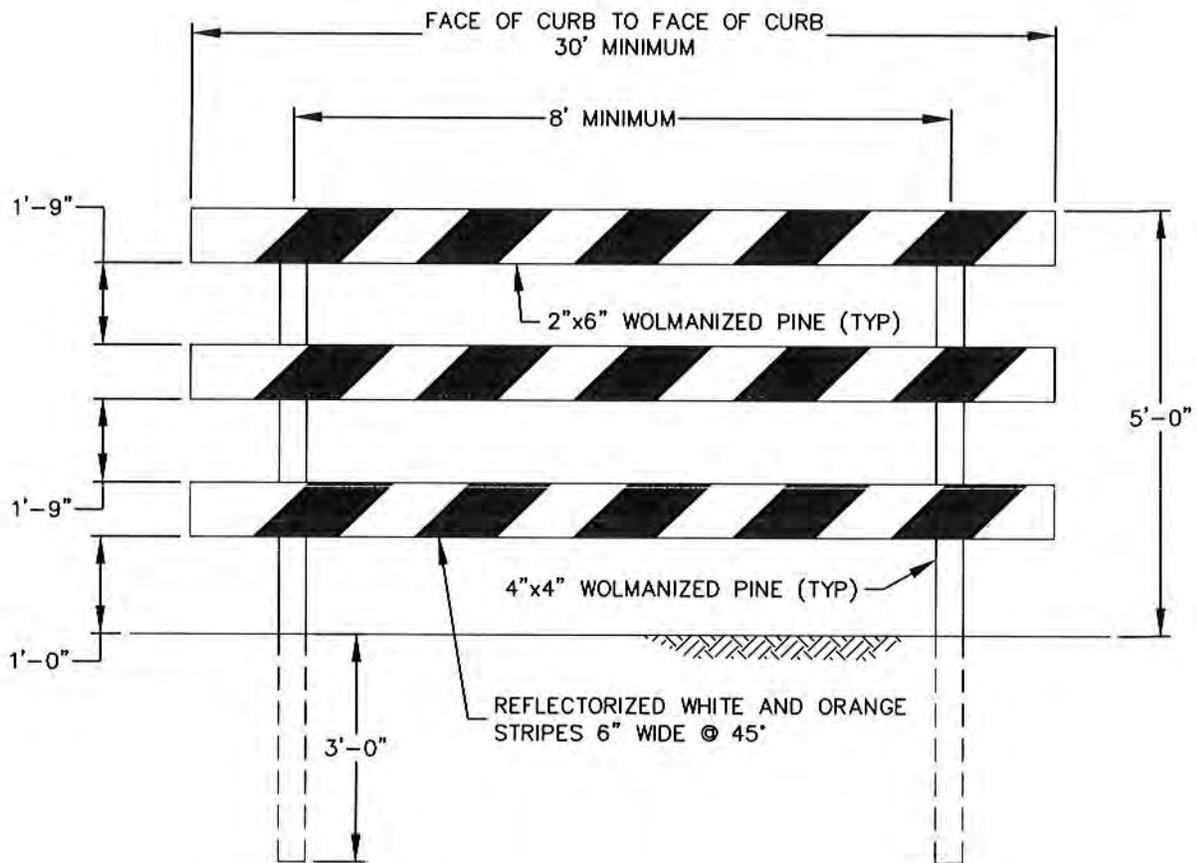
1. VALLEY GUTTER AND CURB SHALL BE POURED MONOLITHICALLY.
2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
3. ALL CONCRETE AND REBAR SHALL BE INSTALLED PER ACI CODE.
4. VALLEY GUTTER ARE REQUIRED ON ASPHALT PAVEMENT SECTIONS WHERE RUNOFF CROSSES THE STREET.

THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

DATE ISSUED:	APRIL 1987	
REV	DATE	BY
1	NOV 2002	CS
2	JAN 2020	JAD

TITLE:	CONCRETE VALLEY GUTTER	
SCALE:	NTS	DRAWING No. S - 15

143



NOTE:

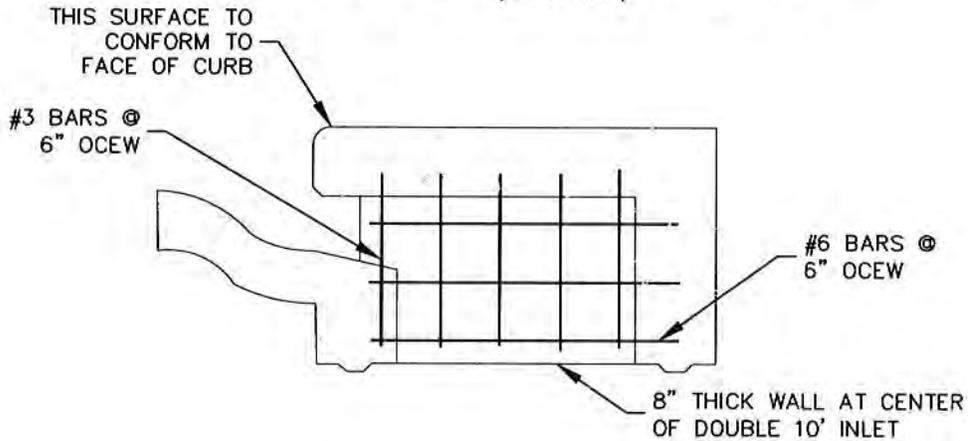
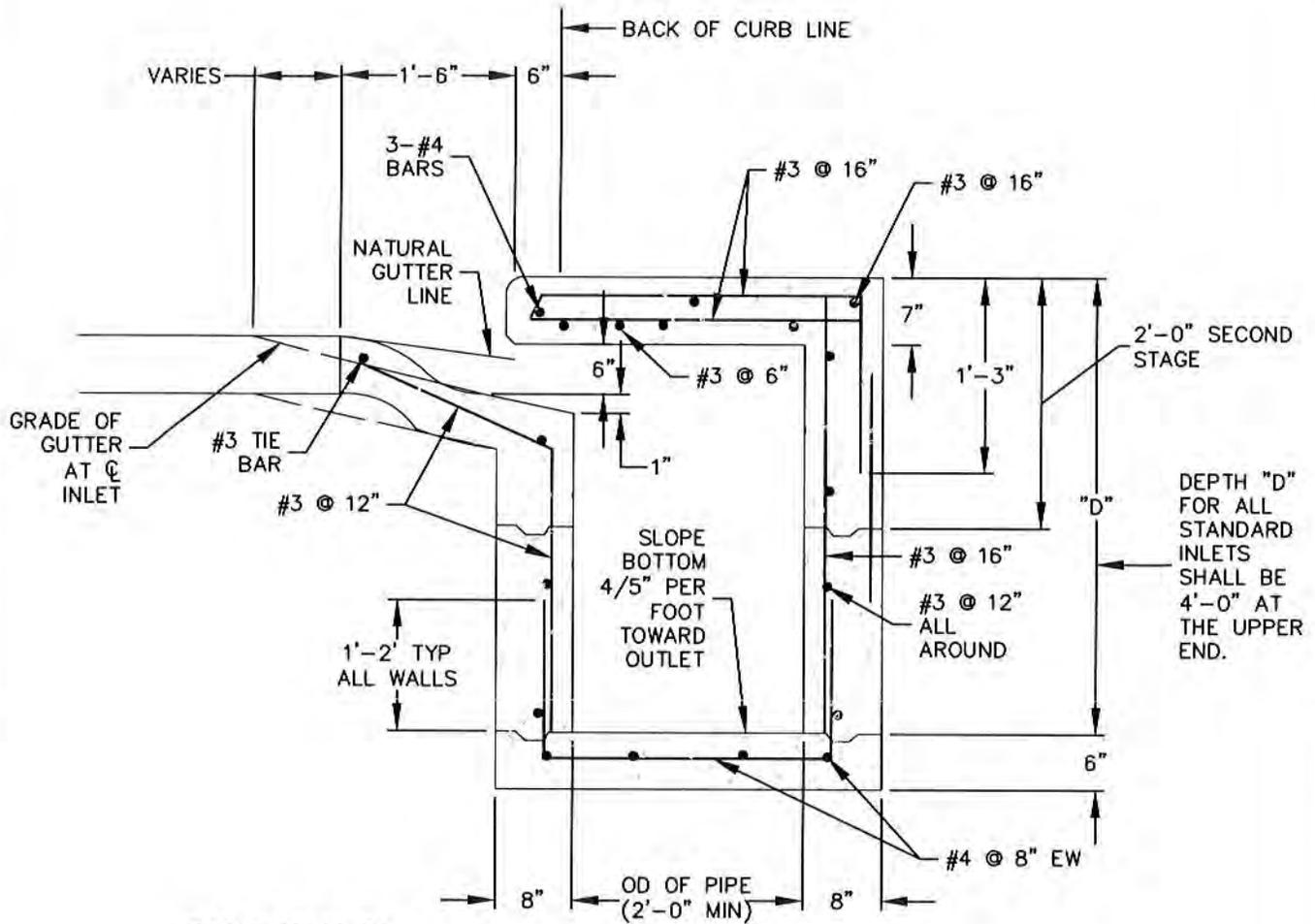
1. STREET STUB BARRICADE SHALL BE INSTALLED AT END OF ALL STUB STREETS.

THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	
STREET STUB BARRICADE	
SCALE:	DRAWING No.
NTS	S - 16

144



NOTES:

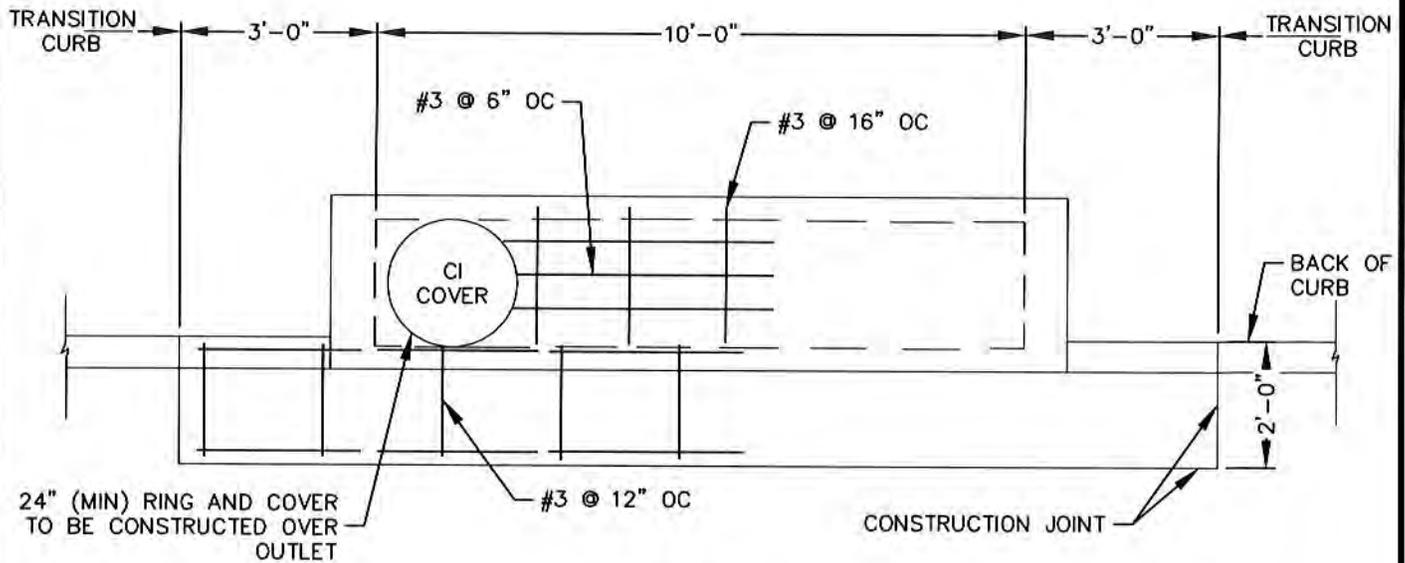
1. TxDOT STANDARD CURB INLETS MAY BE USED IN LIEU OF DETAIL.
2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
3. ALL CONCRETE AND REBAR SHALL BE INSTALLED PER ACI CODE.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

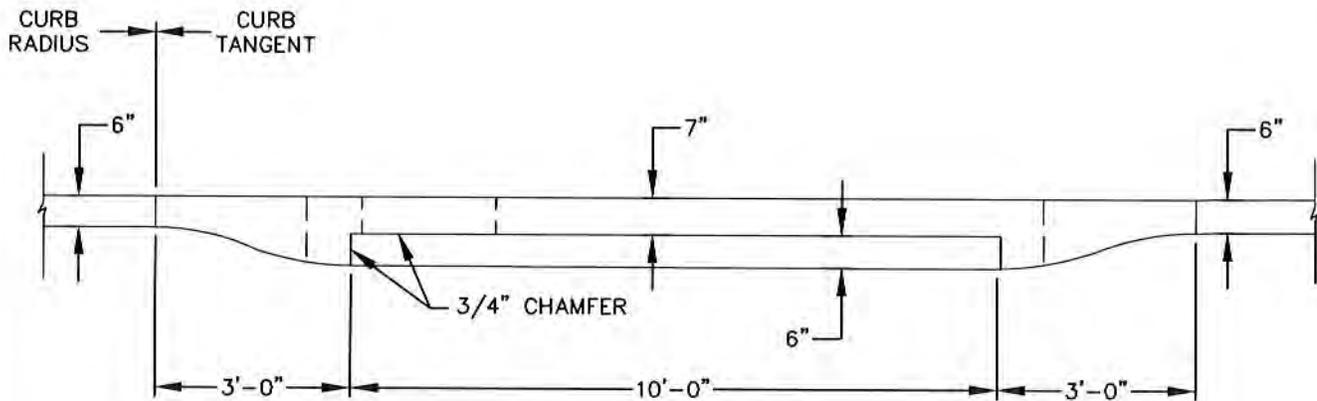
DATE ISSUED:	APRIL 1987	
REV	DATE	BY
1	NOV 2002	CS
2	JAN 2020	JAD

TITLE:	TYPICAL CURB INLET SECTION VIEW	
SCALE:	NTS	DRAWING No. S - 17

145



PLAN



ELEVATION

NOTES:

1. TxDOT STANDARD CURB INLETS MAY BE USED IN LIEU OF DETAIL.
2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
3. ALL CONCRETE AND REBAR SHALL BE INSTALLED PER ACI CODE.

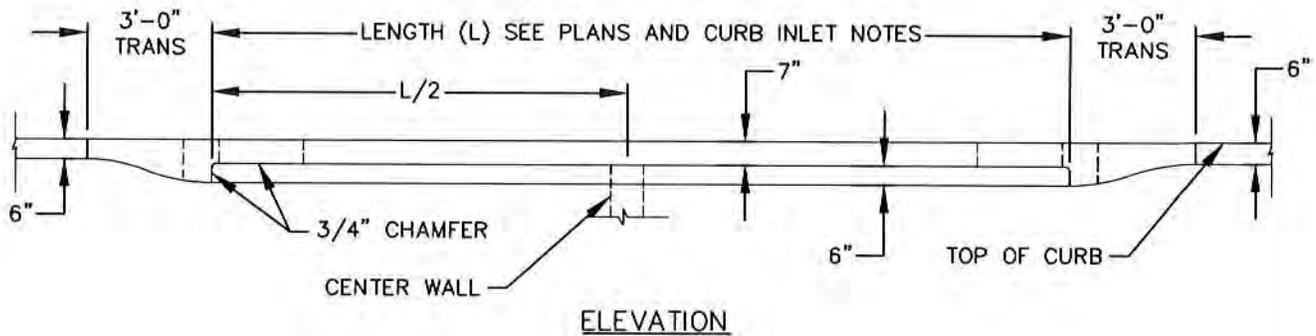
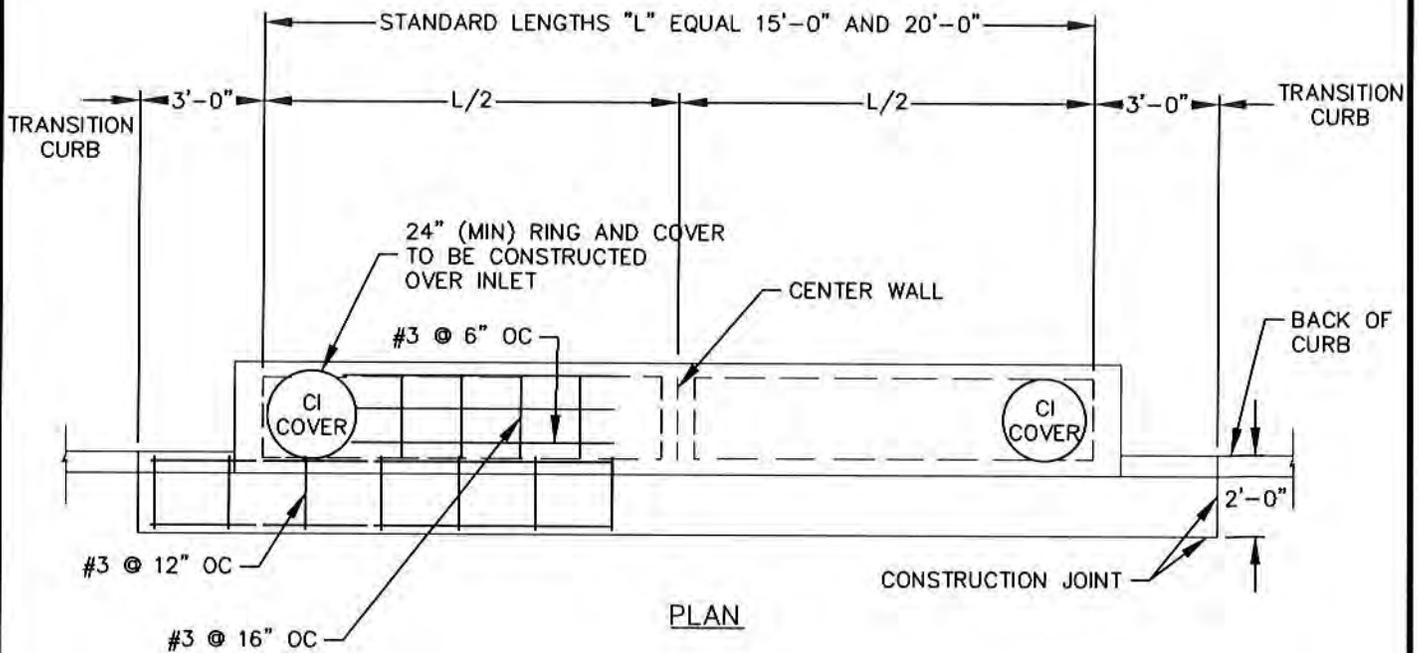
THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:
10' CURB INLET

SCALE: NTS DRAWING No. S - 18

146



NOTES:

1. PROVIDE CENTER WALL AT MIDPOINT (L/2) FOR 15'-0" AND 20'-0" INLETS.
2. PROVIDE TWO FRAMES AND COVERS FOR 15'-0" AND 20'-0" INLETS.
3. TxDOT STANDARD CURB INLETS MAY BE USED IN LIEU OF DETAIL.
4. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
5. ALL CONCRETE AND REBAR SHALL BE INSTALLED PER ACI CODE.

THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

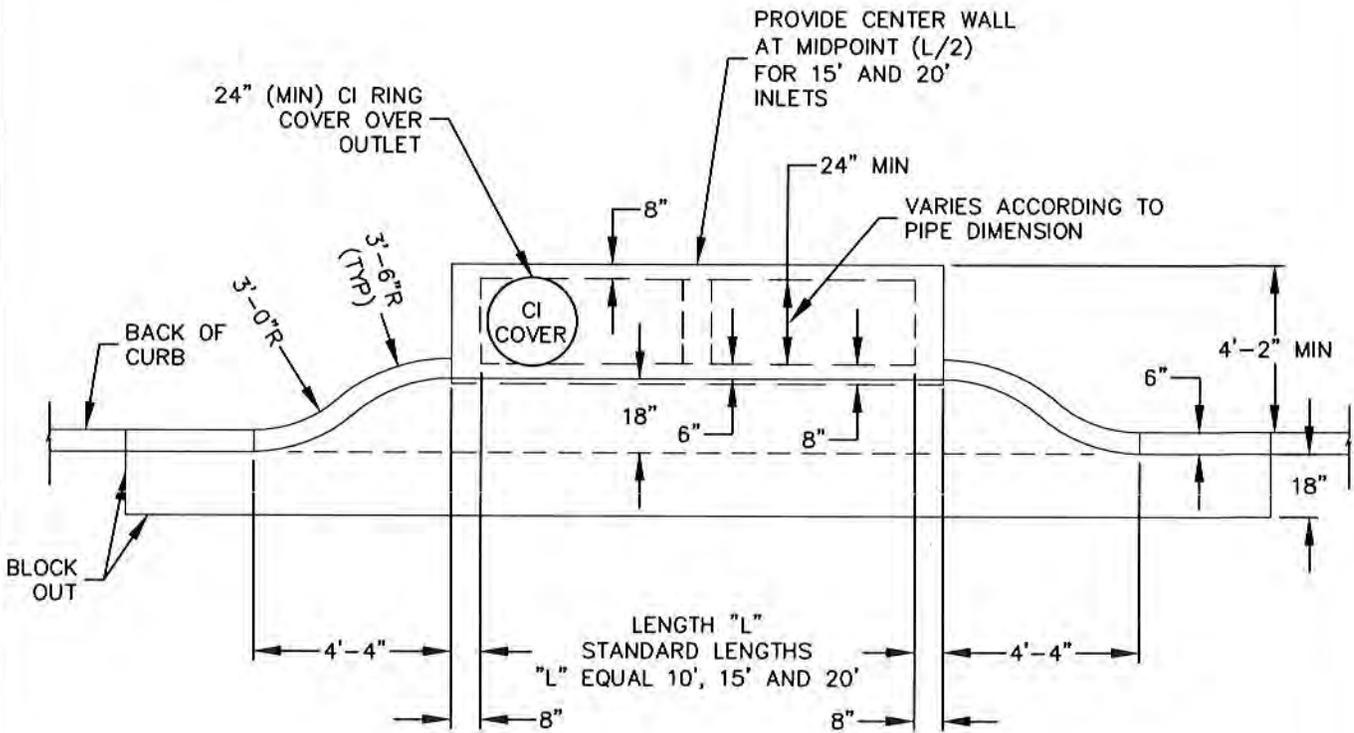
DATE ISSUED:	APRIL 1987		
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:
15' AND 20' CURB INLETS

SCALE:
NTS

DRAWING No.
S - 19

147



NOTE:

1. RECESSED CURB INLET TO BE USED ON ALL STREETS THAT ARE WIDER THAN 31' BACK OF CURB TO BACK OF CURB.
2. TxDOT STANDARD CURB INLETS MAY BE USED IN LIEU OF DETAIL.
3. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
4. ALL CONCRETE AND REBAR SHALL BE INSTALLED PER ACI CODE.

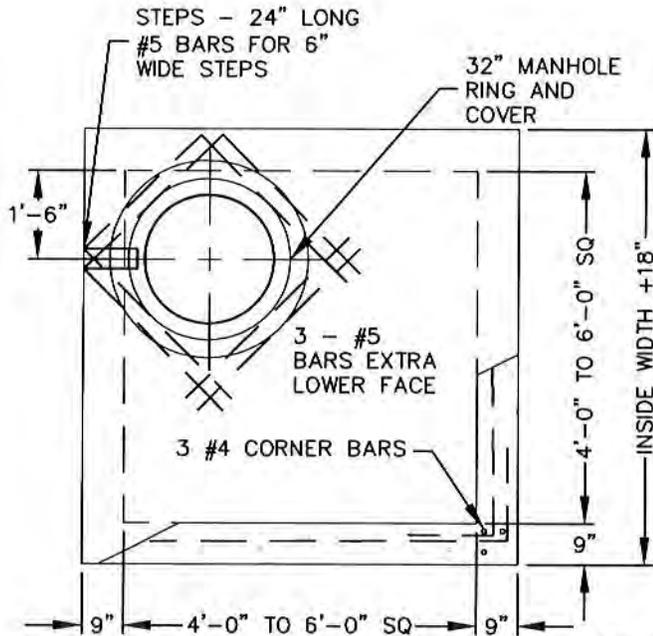
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:	APRIL 1987		
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

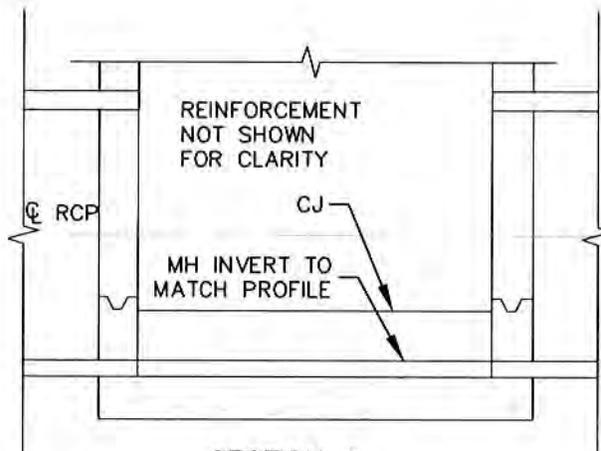
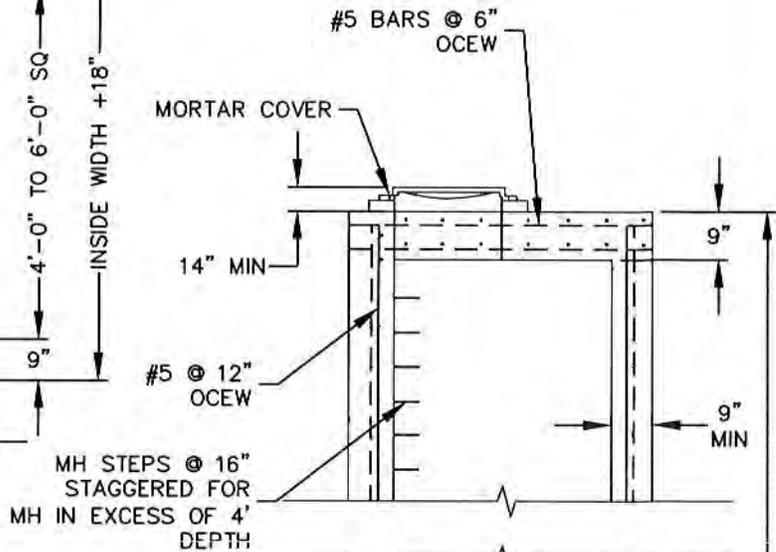
TITLE:
RECESSED CURB INLET

SCALE: NTS DRAWING No. S - 20

148



PLAN



SECTION A

SECTION B

NOTES:

1. TxDOT STANDARD STORM DRAIN MANHOLES MAY BE USED IN LIEU OF DETAIL.
2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
3. ALL CONCRETE AND REBAR SHALL BE INSTALLED PER ACI CODE.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:	APRIL 1987		
REV.	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:

4'-0" TO 6'-0" SQUARE STORM DRAIN MANHOLE

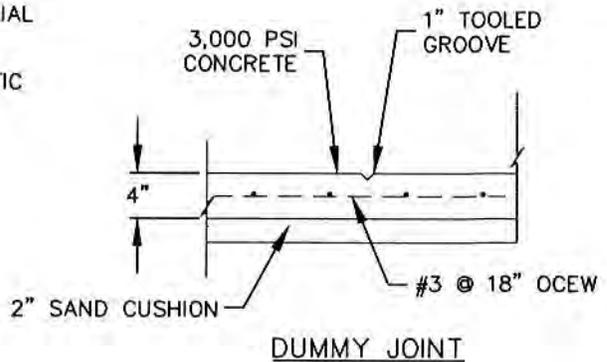
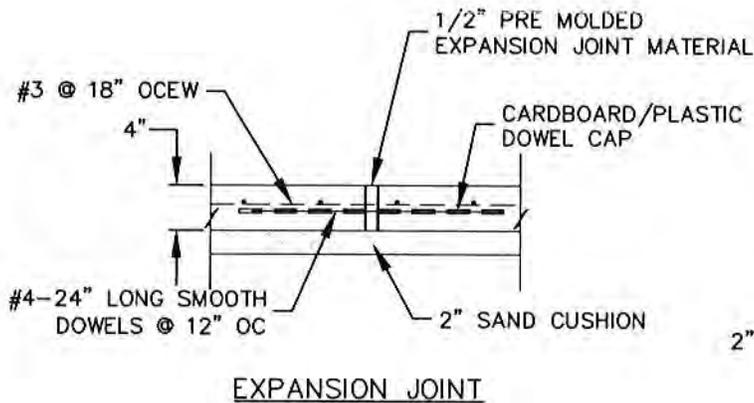
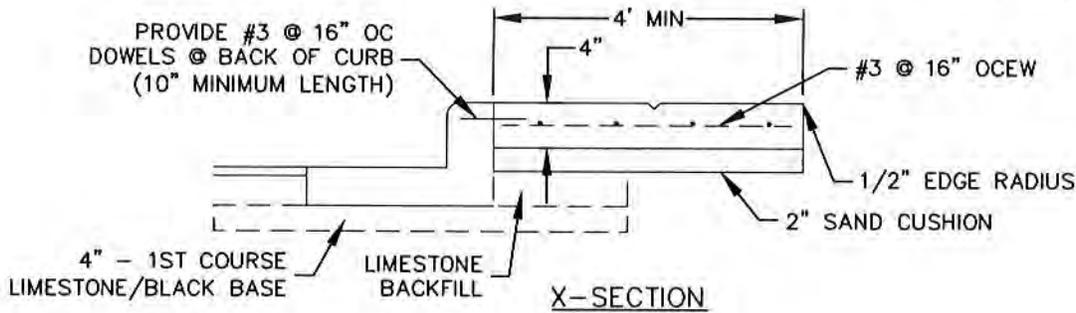
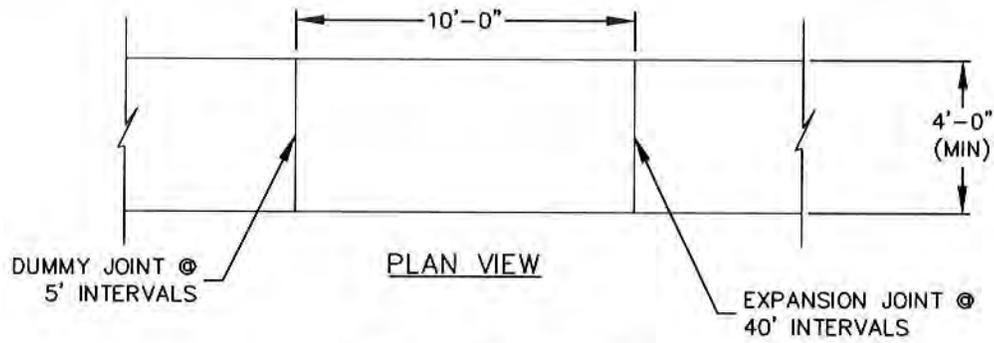
SCALE:

NTS

DRAWING No.

S - 21

149



NOTES:

1. EXACT SIDEWALK LOCATION AND DIMENSIONS MAY BE ADJUSTED OR DETERMINED IN THE FIELD BY CITY STAFF IF NOT CLEARLY SHOWN ON PLANS, OR REQUIRED DUE TO EXISTING SITE CONDITIONS.
2. CONTRACTOR SHALL LOCATE TOP OF SIDEWALK SO THAT IT DOES NOT ALTER EXISTING DRAINAGE PATTERNS. ALL DRAINAGE SHALL BE DIRECTED TO THE STREET.
3. LONGITUDINAL DUMMY JOINT REQUIRED AT MIDPOINT OF SIDEWALK 10'-0" OR WIDER.
4. SIDEWALK TO CONFORM TO ALL A.D.A. AND TEXAS ACCESSIBILITY STANDARDS (TAS).
5. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.
6. ALL CONCRETE AND REBAR SHALL BE INSTALLED PER ACI CODE.
7. SIDEWALKS INSTALLED ACROSS DRIVEWAYS SHALL BE MINIMUM 6" IN THICKNESS.
8. SIDEWALKS INSTALLED ALONG STATE ROADS AND HIGHWAYS SHALL BE A MINIMUM OF 5' WIDE.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

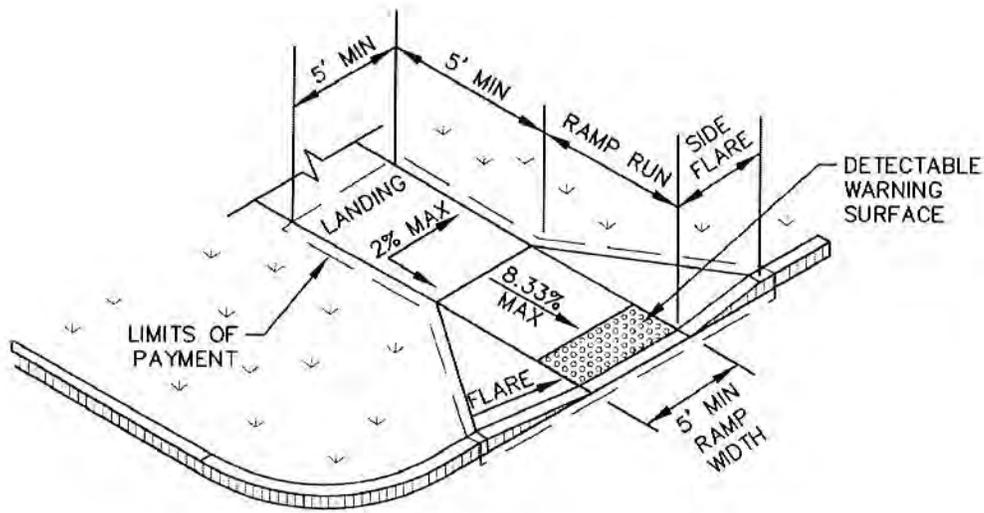
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REV	DATE	BY	
1	NOV 2002		
2	NOV 2007		
3	DEC 2017		
4	JAN 2020	JAD	

TITLE:
SIDEWALK DETAIL

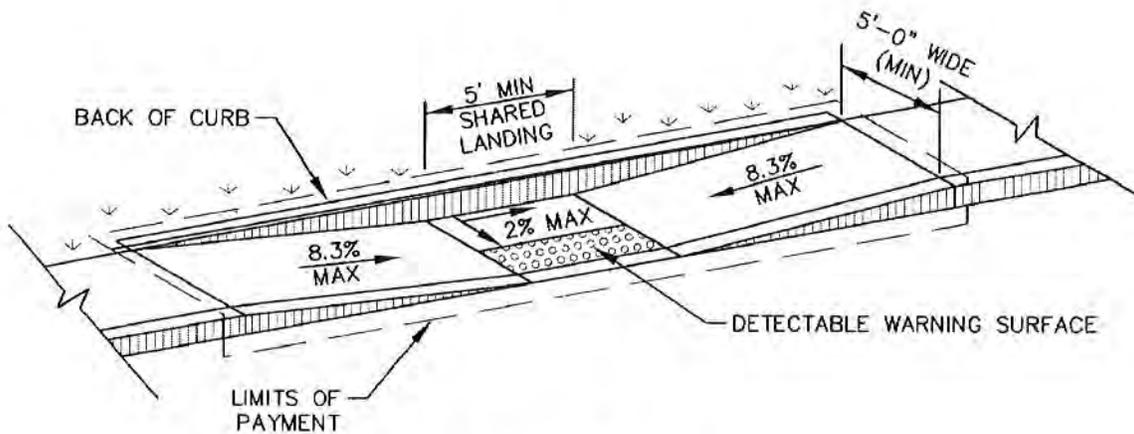
SCALE:
NTS

DRAWING No.
S - 22

LSO



PERPENDICULAR CURB RAMP



PARALLEL CURB RAMP

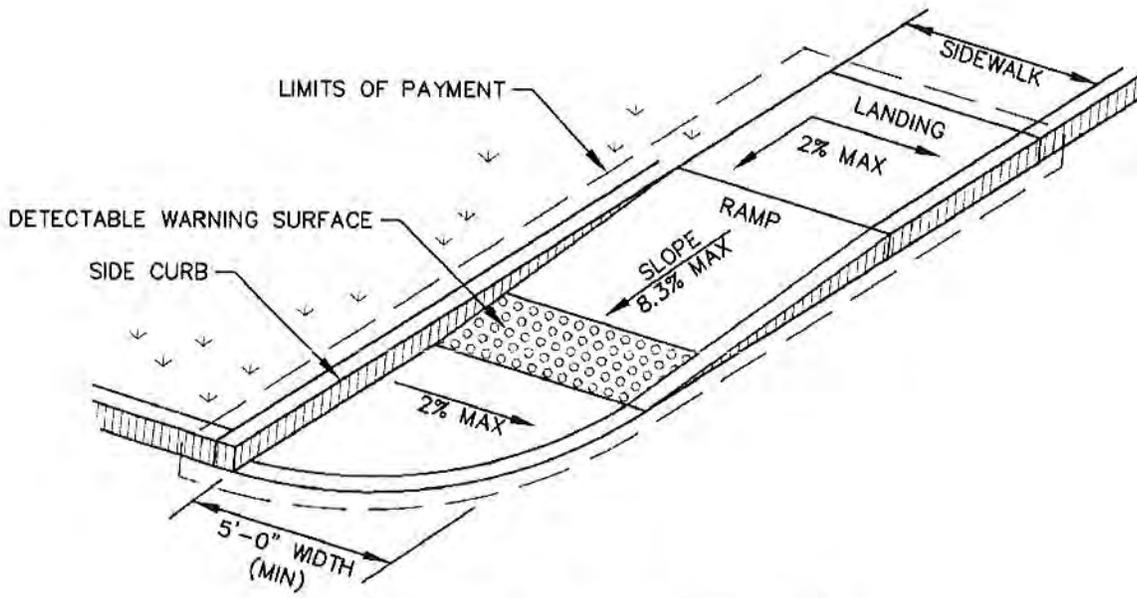
NOTE:
SEE CURB RAMP NOTES ON DETAIL S-25.

THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

REV	DATE	BY
1	NOV 2002	CS
2	JAN 2020	JAD

DATE ISSUED:	APRIL 1987	TITLE:	PARALLEL & PERPENDICULAR CURB RAMPS
SCALE:	NTS	DRAWING No.	

151



SIDEWALK ADJACENT TO CURB

NOTE:
SEE CURB RAMP NOTES ON DETAIL S-25.

THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	
DIRECTIONAL CURB RAMP	
SCALE:	DRAWING No.
NTS	S - 24

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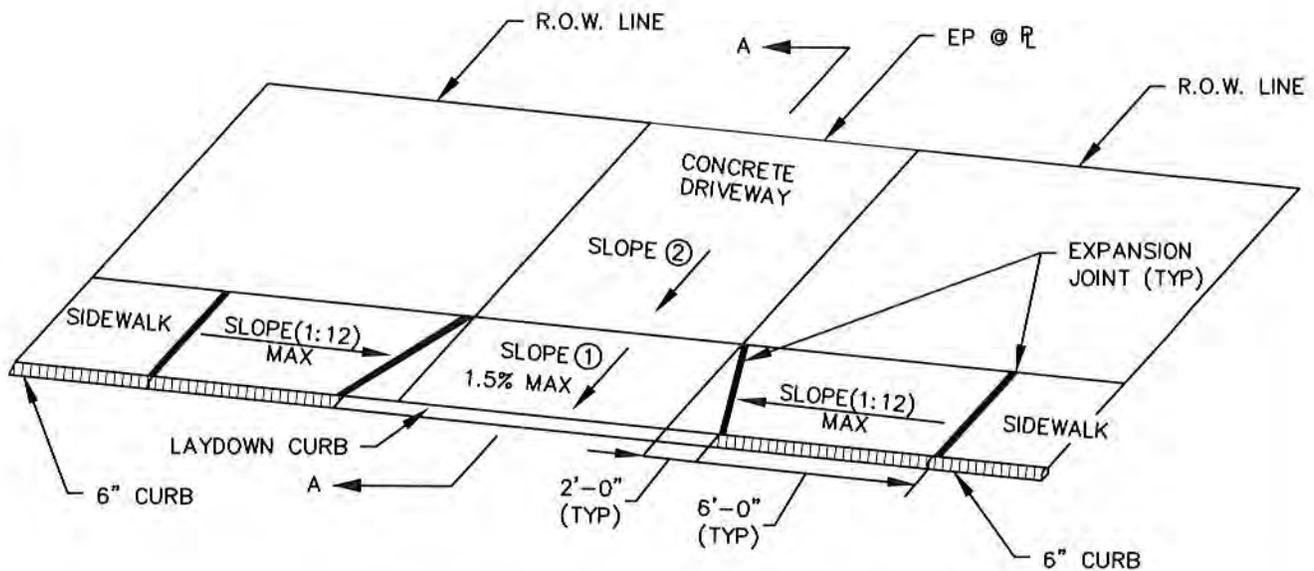
NOTES:

1. ALL CURB RAMPS SHALL COMPLY WITH ALL APPLICABLE TEXAS ACCESSIBILITY STANDARDS (TAS) AND ADA REQUIREMENTS.
2. ALL SLOPES ARE MAXIMUM ALLOWABLE. LESSER SLOPES THAT WILL STILL DRAIN PROPERLY SHOULD BE USED. ADJUST CURB RAMP LENGTH OR GRADE OF APPROACH SIDEWALKS AS REQUIRED.
3. MAXIMUM ALLOWABLE CROSS SLOPE ON ANY PORTION OF CURB RAMPS AND LANDINGS IS 2%
4. MAXIMUM ALLOWABLE RUNNING SLOPE ON CURB RAMP IS 8.33%.
5. MAXIMUM ALLOWABLE SLOPE ON SIDE FLARES IS 10%.
6. LANDINGS SHALL BE 5'-0" SQ. MINIMUM WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.
7. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AND SHALL BE PLACED AT A MINIMUM DEPTH OF 5" FOR RAMPS, LANDINGS, AND FLARES, EXCLUSIVE OF AREAS UNDER THE DETECTABLE WARNING SURFACE.
8. CONTRACTOR SHALL FURNISH AND INSTALL A PREFABRICATED DETECTABLE WARNING PANEL MEETING TxDOT SPECIFICATIONS.
9. DETECTABLE WARNING SURFACES SHALL COVER A MINIMUM OF 24" IN DEPTH IN THE DIRECTION OF TRAVEL AND SPAN THE FULL WIDTH OF THE CURB RAMP OR LANDING.
10. DETECTABLE WARNING SURFACES SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB IS AT THE BACK OF CURB.
11. ALL CONCRETE AND STEEL REINFORCEMENT SHALL BE INSTALLED PER ACI CODE.
12. STEEL REINFORCEMENT SHALL BE #3 BARS @ 16" OCEW AND SHALL EXTEND UNDER THE DETECTABLE WARNING SURFACE. REINFORCEMENT SHALL ALSO BE INSTALLED IN ADJACENT CONCRETE FEATURES.
13. CURB RAMPS, LANDINGS, AND FLARES SHALL BE TIED IN TO EXISTING CONCRETE FEATURES USING 18" LONG #4 SMOOTH DOWELS @ 12" O.C. DRILLED 6" INTO EXISTING CONCRETE. INSTALL STANDARD EXPANSION JOINTS AT BOUNDARIES BETWEEN EXISTING AND PROPOSED CONCRETE AS INSTRUCTED BY CITY PERSONNEL. NO SEPARATE PAY.
14. CHANGES IN SURFACE ELEVATION SHALL NOT EXCEED ONE-FOURTH INCH.
15. CURBS SHOWN WITHIN THE LIMITS OF PAYMENT INCLUDING CONCRETE CURBS, SIDE AND BACK CURBS, GUTTER, AND COMBINED CURB AND GUTTER, ARE CONSIDERED PART OF THE CURB RAMP FOR PAYMENT.
16. ALL RAMPS SHALL BE INSTALLED SO THAT WATER DOES NOT POND IN THE RAMP OR LANDING.
17. OTHER CURB RAMP TYPES ADHERING TO TxDOT STANDARDS MAY BE USED UPON CITY APPROVAL.

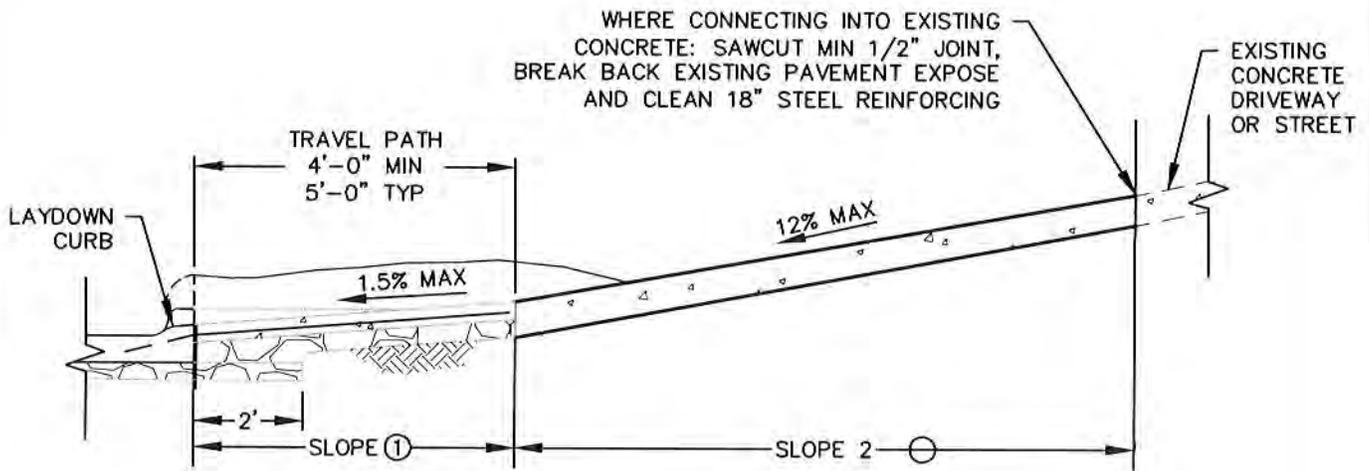
**THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD**

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	
CURB RAMP NOTES	
SCALE:	DRAWING No.
NTS	S - 25



SIDEWALK ADJACENT TO CURB DETAIL



SECTION A-A

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:	JANUARY 2020		
REV	DATE	BY	

TITLE:	
SIDEWALK ACROSS DRIVEWAY	
SCALE:	DRAWING No.
NTS	S - 26

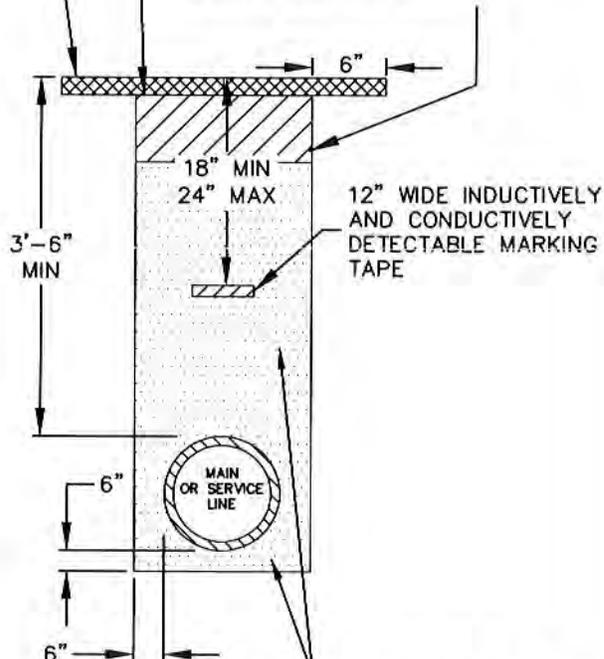
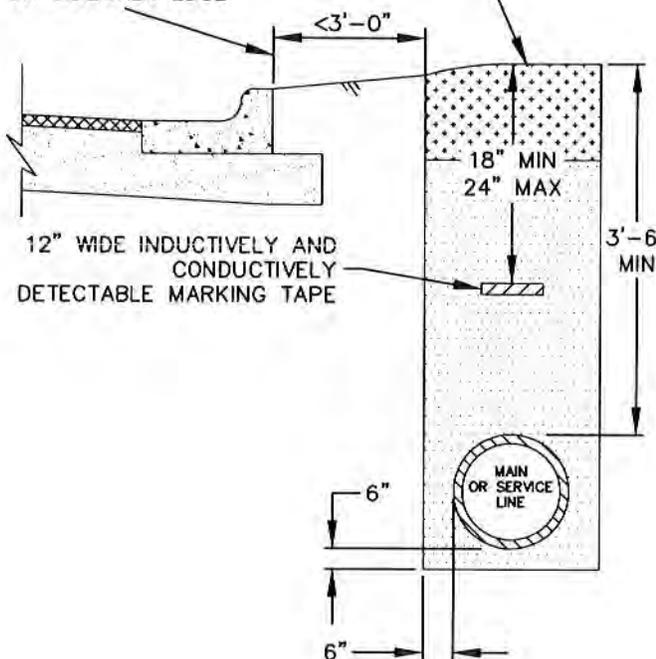
WHEN PAVED SURFACE IS TO BE PERMANENT, SURFACE MATERIAL SHALL BE EQUAL TO MATERIAL REMOVED—MINIMUM AMOUNTS: 1-1/2" HMAC (TXDOT ITEM 340, TYPE D) COMPACTED TO 97% DENSITY, OR 6" CONCRETE. EXISTING ASPHALT AND CONCRETE TO BE SAW CUT.

SURFACE SHALL BE CLEANED THOROUGHLY OF LOOSE MATERIAL, RECOMPACTED AND TACK COAT APPLIED BEFORE PAVEMENT SURFACE IS INSTALLED.

12" SELECT MATERIAL SHALL BE COMPACTED TO 95% WITHIN THE ROW (TEST METHOD TXDOT TEX 113-E)

8" FLEX (CRUSHED STONE) BASE (TXDOT ITEM 247, TYPE A, GRADE 1) AND 4" TXDOT ITEM 340 TYPE B HMAC (BLACK BASE) BACKFILL WHEN MAIN OR SERVICE IS UNDER STREET OR DRIVEWAY PAVEMENT. COMPACTED IN 6" LIFTS TO 100% DENSITY PER TEX 113E.

BACK OF CURB, PAVEMENT EDGE OR SIDEWALK EDGE



EMBEDMENT MATERIAL ASTM C-33 CRUSHED STONE
 PIPE DIAMETER ≤ 12" Ø USE #67
 PIPE DIAMETER > 12" Ø USE #57

NOTES

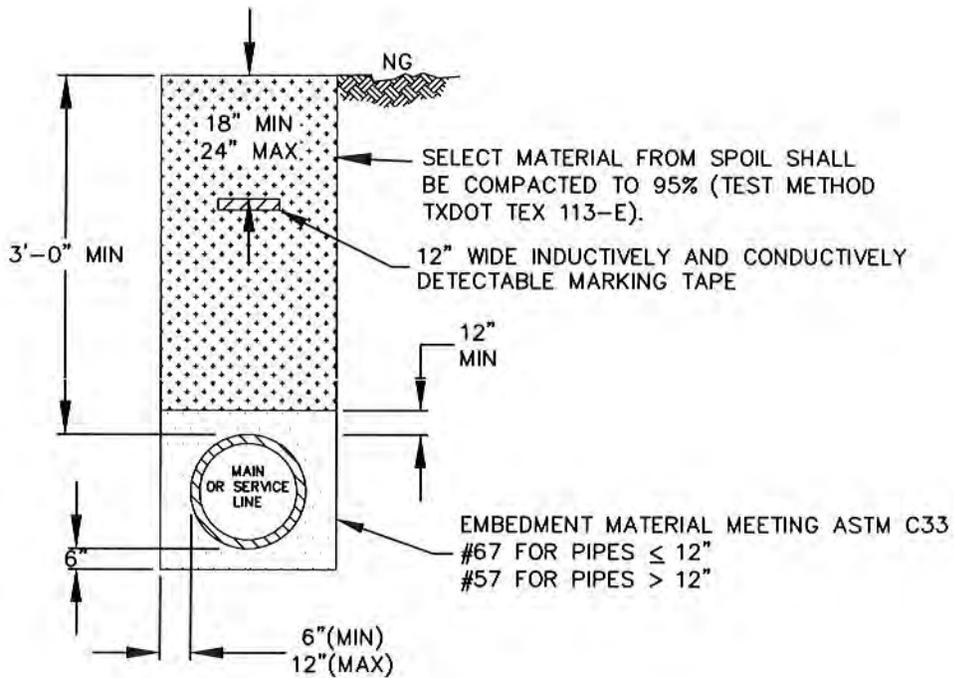
1. WHEN TUNNELING UNDER EXISTING CURB, CRUSHED STONE BASE SHALL BE COMPACTED TWO FEET BEHIND CURB AND TO WITHIN 6" OF THE BOTTOM OF THE CURB. THE 6" VOID UNDER THE CURB SHALL BE FILLED WITH 2,000 PSI CONCRETE.
2. UTILITY TRENCHES PLACED WITHIN THE STREET PAVEMENT OR WITHIN 3' OF THE BACK OF CURB OR EDGE OF EXISTING OR PROPOSED PAVEMENT SHALL COMPLY WITH THIS DETAIL.
3. FOR ASPHALT OR CONCRETE STREET REPAIRS WHERE THE SAW CUT PAVEMENT EDGE WILL BE WITHIN 3' OF EDGE OF EXISTING PAVEMENT OR LIP OF GUTTER, THE EXISTING PAVEMENT SURFACE BETWEEN THE DITCH LINE AND EDGE OF PAVEMENT OR LIP OF GUTTER SHALL BE REMOVED AND REPLACED WITH MATERIAL SPECIFIED.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:	APRIL 1987		
REV	DATE	BY	
1	NOV 2002	CS	
2	JAN 2020	JAD	

TITLE:	R.O.W. TRENCH DETAIL	
SCALE:	NTS	DRAWING No. S - 27

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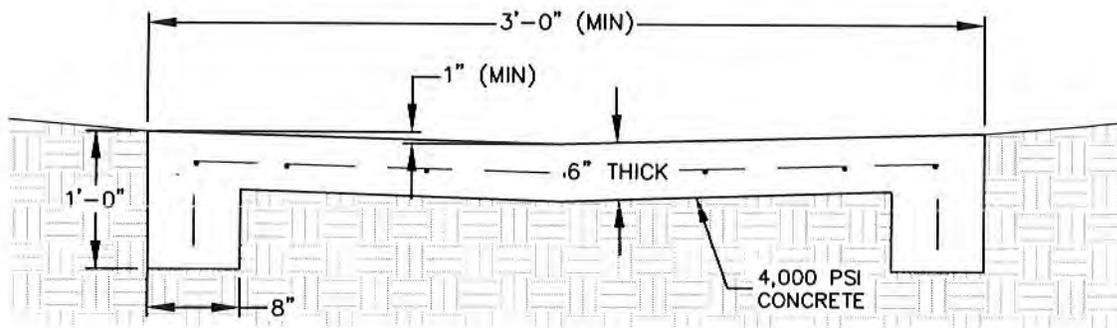


THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD

REV	DATE	BY
1	NOV 2002	CS
2	JAN 2020	JAD

DATE ISSUED:	JANUARY 2020	TITLE:	TRENCH DETAIL
SCALE:	NTS	DRAWING No.	S - 28

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NOTE:
 REINFORCING STEEL TO BE #3 BARS @ 12" OCEW

THE ARCHITECT/ENGINEER
 ASSUMES RESPONSIBILITY
 FOR APPROPRIATE USE OF
 THIS STANDARD

DATE ISSUED:		JANUARY 2020	
REV	DATE	BY	

TITLE:	
CONCRETE PILOT CHANNEL	
SCALE:	DRAWING No.
NTS	S - 29

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CHAPTER 5 – CONCRETE AND REINFORCING STANDARDS

I. GENERAL REQUIREMENTS

The materials and methods employed for the proportioning and mixing concrete used for paving and other concrete structures and materials used for reinforcing such concrete shall conform to the requirements detailed herein. The concrete shall be composed of Portland cement, mineral filler, and natural aggregates proportioned and mixed as provided herein. All concrete pours shall be confined by forming designated area. All concrete work shall be well compacted, and the mortar flushed to the surface of the forms by continuous working with concrete spading instruments or mechanical vibrators of an approved type. The vibrators shall be applied to the concrete immediately after deposit and shall be moved throughout the mass, thoroughly working the concrete around the reinforcement, embedded fixtures, and into the corners and angles of the forms until it has been reduced to a plastic mass. Vibration shall be supplemented by hand spading if necessary to insure the flushing of mortar to the surface of all forms.

Contractor is responsible for the protection of concrete placed under any and all weather conditions.

One (1) hour escape time will be allowed between pours, concrete pours will be rejected after the time frame. Concrete shall not have a free fall more than three feet (3').

II. CONCRETE FOR STRUCTURES

A. Materials

1. Cement – The cement shall be Type I, Type II, or Type III of a standard brand of Portland cement conforming to ASTM Specification C150. Only cement from the same source and of the same type shall be permitted in any structure.
2. Mixing Water – The water used with the cement shall be clean and suitable for drinking or ordinary household use.
3. Coarse Aggregate – The coarse aggregate shall consist of gravel, crushed stone, or a combination thereof. Coarse aggregate shall conform to ASTM Specification C33 (#67). Gravel shall consist of durable particles of crushed or uncrushed stone of uniform quality throughout. It shall have a wear of not more than 40% when tested according to TxDOT Test Procedure Tex-410-A or AASHTO Method T-96. Crushed stone shall consist of durable particles of stone of uniform quality and having the same wear as that required for gravel.
 - a) The coarse aggregate shall be free of an excess of salt, alkali, roots, and other objectionable matter. The grade of aggregate shall be governed by the Class of concrete as specified in Table 5.1 below.
 - b) The maximum size and the percentage of smaller sizes of material acceptable for the various aggregate grade numbers shall be within the following limits:

Table 5.1 – Coarse Aggregates Gradation Chart

Aggregate Grade No. ¹	Maximum Nominal Size	Percent Passing on Each Sieve								
		2-1/2"	2"	1-1/2"	1"	3/4"	1/2"	3/8"	No. 4	No. 8
1	2"	100	80-100	50-85		20-40			0-10	
2	1-1/2"		100	95-100		35-70		10-30	0-10	
3	1-1/2"		100	95-100		60-90	25-60		0-10	
4 (57)	1"			100	95-100		25-60	5-30	0-10	0-5
5 (67)	3/4"				100	90-100		20-55	0-10	0-5
6 (7)	1/2"					100	90-100	40-70	0-15	0-5
7	3/8"						100	70-95	0-25	
8	3/8"						100	95-100	20-65	0-10
1. Corresponding ASTM C33 Gradation shown in parentheses.										

4. Fine Aggregate – Fine aggregate shall consist of natural sand and be free from broken material, foreign matter, excess salt, alkali, and vegetable matter. It shall not contain more than 0.5 percent by weight of clay lumps in accordance with Tex-413-A. Fine aggregate shall conform to the gradation requirements shown in Table 5.2 when tested in accordance with Tex-401-A.

a) To be acceptable as fine aggregate, the sizes and mix of the material shall be within the following limits:

Table 5.2 – Fine Aggregate Gradation Chart (Grade 1)

Sieve	Percent retained
3/8"	0%
No. 4	0-5%
No. 8	0-20%
No. 16	15-50%
No. 30	35-75%
No. 50	75-90%
No. 100	90-100%
No. 200	97-100%
The sand equivalent shall not be less than 80%.	

b) For concrete of Classes A, C, E, and F the fineness modulus shall be between 2.30 and 3.10, determined by adding the percentages by weight retained on sieves 4, 8, 16, 50, 100 then dividing by 100.

B. Admixtures

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1. Water reducing admixtures shall conform to Type A or Type D, as set forth in ASTM Specification C494. Air entraining admixtures shall conform to the requirements of ASTM Specification C260. Before using an admixture, the contractor shall secure, and retain for inspection, certification from the manufacture that the admixture meets the required specification.
 2. Calcium chloride will not be permitted as an admixture.

C. Mix Design and Delivery

1. Design and Testing – It shall be the responsibility of the contractor to develop the mix design and to submit it to the City for approval. Testing of all mix design specimens shall be made in an independent testing laboratory.
2. Trial Batches – When trial batches of a mix design are required, they will be made and tested prior to placing the concrete on the job. A mix design from a previous or concurrent job may be used without trial batches if it can be shown that no substantial change in any of the ingredients has been made.
3. Coarse Aggregate Factor – The coarse aggregate factor shall not be more than 0.82 percent except that when the voids in the coarse aggregate exceed 48% of the total dry loose volume. The coarse aggregate factor shall not exceed 0.85. The coarse aggregate factor shall not be less than 0.70 for aggregates of Grades 1, 2, and 3.
4. Water Reducing or Retarding Agents – Water reducing or retarding agents are required for hot weather placement and for continuous slab placement. Otherwise, water reducing or retarding agents may be used with all classes of concrete at the option of the contractor.
5. Batch Size – When transit mix concrete is used, the batch size shall not be less than 50% of the rated capacity of a representative truck.
6. Entrained Air – Entrained air will be required for concrete of Class A and C. The Concrete shall be designed to entrain 5% air when Grade 5 coarse aggregate is used and 5-1/2% air when Grade 4 coarse aggregate is used. Concrete as place in the structure shall contain the amounts of air as stated above with a tolerance of plus or minus 1-1/2%. Occasional variations beyond this tolerance will not be cause for rejection. When the quantity of entrained air is found to be above 7% with grade 5 coarse aggregate, or above 7-1/2% for Grade 4 coarse aggregate, additional test beams or cylinders shall be made and tested. If these beams or cylinders pass the minimum flexural or compressive requirements, the concrete will not be rejected because of the variation in entrained air.

D. Consistency

1. General – Concrete shall be of such consistency as to insure the required workability and result in compact masses with dense and uniform surfaces; the consistency of concrete mixtures shall be as such:
 - a) The aggregates will not segregate and mortar will cling to the coarse aggregate.
 - b) The concrete when dropped from discharge chute will flatten out at the center of the pile, but the edges will not flow.
 - c) The concrete will not show free water.
 - d) The concrete will slide and not flow into place when discharged from metal chutes at an angle of 30° from the horizontal.

2. Variations – The mix design shall not be varied unless authorized by the City. In cases where the characteristics of aggregates are such that, with the maximum allowable amount of water, the consistency requirements cannot be satisfied, the contractor may furnish additional cement, aggregates, mineral filler, or aggregate of a different character which will produce the desired results. The addition of water to the approved batch design to provide workability will not be permitted.

3. Slump Requirements – Slump Requirements for designated structures shall be within the following limits:

Table 5.3 – Placement Slump Requirements

General Usage ¹	Placement Slump Range ² , in.
Walls (over 9 in. thick), caps, columns, piers, approach slabs, concrete overlays	3 to 5
Bridge slabs, top slabs of direct traffic culverts, latex-modified concrete for bridge deck overlays	3 to 5-1/2
Inlets, manholes, walls (less than 9 in. thick), bridge railing, culverts, concrete traffic barrier, concrete pavement (formed), seal concrete	4 to 5-1/2
Precast concrete	4 to 9
Drilled shafts, slurry displaced and underwater drilled shafts	See Table 5.4, "Drilled Shaft"
Curb, gutter, curb and gutter, concrete retards, sidewalk, driveways, anchors, riprap, small roadside sign foundations, concrete pavement repair, concrete repair	As approved by City

1. For information only.

2. For fiber reinforced concrete, perform slump before addition of fibers.

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Table 5.4 – Slump Requirements Drilled Shafts

Placement Type	Minimum Acceptable Placement Slump, in.	Recommended Design and Placement Slump, in.	Maximum Acceptable Placement Slump, in.
Dry	5-1/2	6-1/2	7-1/2
Underwater and Under Slurry	7	8	9

4. Rejection – Remedial Measures – Any concrete failing to meet the above consistency requirements will be considered unsatisfactory although the concrete meets the required slump test. In cases where the characteristic of the aggregate furnished are such that, with the maximum allowable amount of water, the specified slump and consistency requirements are not met, the contractor may provide additional cement or aggregates of an improved grading, to cause the concrete to meet the slump and consistency requirements.

E. Classification

Concrete shall be classified as set forth below. Class A shall be utilized if engineering plans do not designate the classification to be used in a particular structure.

Table 5.5 – Concrete Classes

Class	Sacks of Cement Per C.Y.	Minimum Strength, psi		Maximum W/C Ratio ¹	Coarse Aggregate Grade No. ^{2,3,4}	Air Entrained
		28 Days	7 Days			
A	5.0	3,000	2,100	0.6	1,2,3,4,8	Yes
B	4.0	2,000	1,400	0.6	2,3,4,5,6,7	No
C ⁵	6.0	3,600	2,520	0.45	1,2,3,4,5,6	Yes
D	4.5	2,500	1,750	0.6	2,3,4,5,6,7	No
H ⁵	6.0	As Indicated	As Indicated	0.45	3,4,5,6	Yes
I	5.5	3,500	2,450	0.45	2,3,4,5	Yes
J	2.0	800	560	N/A	2,3,4,5	No
S ⁵	6.0	4,000	2,800	0.45	2,3,4,5	Yes

1. Maximum water-cement or water cementitious ratio by weight.
2. Unless otherwise allowed, Grade 1 coarse aggregate shall only be used in massive foundations with 4-in minimum clear spacing between reinforcing steel bars.
3. Grade 1 coarse aggregate grading shall not be used in drill shafts.
4. Unless otherwise allowed, Grade 8 coarse aggregate shall be used in extruded curbs.
5. Structural concrete classes.
6. When Type II cement is used in Class C, S or A concrete, the 7-day compressive strength requirement will be 2,310 psi for Class C, 2,570 psi for Class S and 1,925 psi for Class A minimum.

F. Testing of Concrete

1. During the progress of the work, an independent testing laboratory shall cast cylinders and/or test beams for testing of compressive and/or flexural strength. The City may waive the actual testing for small structures such as manholes, culverts, inlets, or small riprap placements; however, no such waiver shall be given if the placement equals or exceeds 25 cubic yards (25 yd³)
2. If testing is required before removal of forms or falsework, the cylinders or beams shall be cured at the jobsite and in the same method as the concrete which the test sample represents. Test made for design strength concrete shall be cured in accordance with TxDOT 400-A Series Test Procedures.
3. Quality control shall be based on seven day (7-day) compressive strengths which are compatible with the strengths of the design mix. A new batch shall be made if these tests do not meet the expected design requirements.

G. Placement Conditions

1. The concrete shall be mixed in quantities required for immediate use. Concrete shall be placed within the time limits, corresponding to the temperature limits set out below. Re-tempering of the mix shall not be allowed.

Table 5.6 – Temperature Limits

Air Temp. or Concrete Temp.	Maximum Time in Mixer
40 °F to 74 °F	90 minutes
75 °F to 89 °F	60 minutes
90 °F and above	45 minutes

2. In threatening weather, which may result in conditions which will affect the quality of concrete, the City may order postponement of the work. Where work has started and changes in weather conditions require protective measures, the contractor shall furnish adequate shelter to protect the concrete against damage from rainfall or freezing temperatures.

III. REINFORCING STEEL

A. Description

The provisions of this section shall govern the furnishing and placing of reinforcing steel where indicated in these specifications and/or as shown on the Details.

B. Materials

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1. General – Except where otherwise designated on the plans, all bar reinforcement shall be Grade 60 and deformed. Reinforcing steel shall conform to ASTM Specification A615, Grades 40, 60, 75 or 80; and shall be open hearth, basic oxygen, or electric furnace new billet steel.
 2. Spiral Reinforcement – Spiral Reinforcement shall be smooth (not deformed) bars or wire of the minimum diameter shown on the plans and shall be made by one or more of the following processes: open hearth, basic oxygen, or electric furnace. Bars shall be rolled from billets reduced from ingots and shall comply with ASTM Specification A615, Grades 40 or 60, except for deformation. Smoothed wire and deformed wire shall comply with ASTM A1064
 3. Welded Wire Reinforcement – Welded wire reinforcement shall comply with ASTM A1064.

C. Bending

Fabricate reinforcing steel bars as prescribed in the Concrete Reinforcing Steel Institute (CRSI) Manual of Standard Practice to the shape and dimensions shown on the plans. Preferably, the bending shall be done in the shop. Field-fabricated, if permitted shall be bent cold. Irregularities in bending will be cause for rejection.

D. Storing

Steel reinforcement shall be stored above the surface of the ground upon platforms, skids, or other supports and shall be protected as far as practicable from surface deterioration caused by exposure to conditions producing rust. When placed in the work, reinforcement shall be free from dirt, paint, grease, oil, or other foreign materials. Rust, surface seams, surface irregularities, or mill scale will not be cause for rejection, provided the minimum dimensions, cross-sectional area, and tensile properties of a specimen, wire brushed by hand, meet the physical requirements for the size and grade of steel specified.

E. Splices

1. No splicing of bars, except when provided on the plans, or specified herein, will be permitted. Splices will not be permitted in the main reinforcement at points of maximum stress. When permitted in the main bars, splices in adjacent bars must be staggered a minimum of two splice lengths.
2. When splicing of reinforcement bars is permitted in the plans and specifications, the splice overlap must conform to the limits set out below.

Table 5.7 – Minimum Lap Requirements for Steel Bar Sizes through No. 11

Bar Size Number (in.)	Uncoated Lap Length	Coated Lap Length
3	1 ft. 4 in.	2 ft. 0 in.
4	1 ft. 9 in.	2 ft. 8 in.
5	2 ft. 2 in.	3 ft. 3 in.
6	2 ft. 7 in.	3 ft. 11 in.
7	3 ft. 5 in.	5 ft. 2 in.
8	4 ft. 6 in.	6 ft. 9 in.
9	5 ft. 8 in.	8 ft. 6 in.
10	7 ft. 3 in.	10 ft. 11 in.
11	8 ft. 11 in.	13 ft. 5 in.

1. Do Not lap No. 14 or No. 18 bars.
 2. Lap spiral steel at least 1 turn.
 3. Splice WWR using a lap length that includes the overlap of at least 2 cross wires plus 2 in. on each sheet or roll. Splices using bars that develop equivalent strength and are lapped in accordance with Table 5.7 are permitted.
 4. Lap the existing longitudinal bars with the new bars as shown in table 5.7 for box culvert extensions with less than 1 ft. of fill. Lap at least 1 ft. 0 in. for extensions with more than 1 ft. of fill.
 5. Ensure welded splices conform to the requirements of the plans and of Item 440, "Structural Field Welding". Field-prepare ends of reinforcing bars if they will be butt-welded. Delivered bars must be long enough to permit weld preparation.
 6. Install mechanical coupling devices in accordance with the manufacture's recommendations at location shown on the plans. Protect threaded male or female connections, and ensure the threaded connections are clean when making the connection. Do not repair damaged threads.
 7. Mechanical coupler alternate equivalent strength arrangements, to be accomplished by substituting larger bar sizes or more bars, will be considered if approved in writing before fabrication of the systems.
3. Splices not provided for on the plans will be permitted subject to the following limitations:
- a) Applicable to Grade 40 bars only, sizes No. 8 and smaller.
 - b) Splices will not be permitted in bars of less than 30 feet in plan length.
 - c) The bars to be placed in firm contact and firmly wired together.
 - d) All such splices must have the minimum specified concrete cover.
 - e) In no case will welding of reinforcement bars be permitted.

F. Placing of Reinforcement

1. Reinforcement shall be placed as near as possible in the position shown on the plans. Unless otherwise shown on the plans, dimensions shown for reinforcement are to the centers, bars. In the plane of the steel parallel to the nearest surface of concrete, bars shall not vary from the plan placement measurement by more than one-twelfth (1/12) of the spacing between the bars. In the plane of the steel perpendicular to the nearest surface of concrete, bars shall not vary from plan placement by more than one-fourth inch (1/4"). Cover of concrete to the nearest surface of steel shall meet the above requirements but shall never be less than one inch (1").

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2. Vertical stirrups shall always pass around the main members and be attached securely thereto. The reinforcing steel shall be spaced the required distance from the from surface by means of approved galvanized metal spacers, metal spacers with plastic coated tips, stainless steel spacers, or plastic spacers.
 3. Mats of wire fabric shall overlap each other sufficiently to maintain uniform strength and shall be fastened securely at the ends and edges.
 4. No concrete shall be placed until the City has inspected the assembly of the reinforcing steel and given permission to proceed.

CHAPTER 6 – ELECTRIC DISTRIBUTION SYSTEM STANDARDS

I. GENERAL REQUIREMENTS

- A. The City of Lockhart is capable of supplying primary service through the city electrical distribution system. Available voltages include, single-phase 7.2 KV and three-phase 12.47 KV.
- B. In those developments having distribution and design requirements which are not adequately served by the requirements of this chapter, the developer will have an electrical distribution system designed by a professional electrical engineer licensed in the state of Texas. The design plans, and details required by such system shall be certified by the design engineer and must be approved by the City prior to construction.
- C. Primary underground service in overhead distribution areas will be provided where the City determines the size or service requirements of the load make such installation necessary or desirable.
- D. Meter loops, whether for overhead or underground secondary service, shall not be installed on the same pole with transformers, re-closures, voltage regulators, or any other distribution devices unless approved by the City.
- E. All equipment installed shall be new and shall meet the minimum requirements of the NEC.
- F. All secondary current exceeding 1200 amps shall utilize a City approved weatherproof bus trough at the meter installation. Troughs on the supply side of the meter installation shall be so constructed that a City seal can be used to prevent unauthorized opening.
- G. No pole, anchor, trench wall, or concrete pad shall be placed closer than 2 feet (2') to a property line.
- H. All electrical facilities installed are subject to inspection by the City during any phase of construction. Prior to backfill of trenches in underground installation, the City must inspect and approve the installation. Prior to placement of concrete, the City must approve such installations. Before the system is energized, approval from the City must be obtained.
- I. **Note: All electrical lines, both primary and secondary, shall be underground in subdivisions consisting of more than ten lots or more than ten acres, unless otherwise approved by the City in writing.**

II. OVERHEAD SERVICE

A. Primary

When allowed by the City, in new subdivisions, the minimum conductor size shall be No. 1/0 aluminum on 40-foot Class 3 poles. Larger conductors may be required by the City if determined necessary. Poles shall be placed a minimum of six feet (6') into the ground and in such location as necessary to provide service to each lot, but not more than 300 feet (300') apart, depending upon wire size. Main line disconnects shall be installed where connection will be made to the existing system.

B. Transformers

1. The largest pole mounted transformer shall be 167 KVA.
2. The largest pole mounted transformer bank shall be three (3) 167 KVA transformer on a Class 2 pole.
3. In all residential subdivisions the minimum transformer size shall be 50 KVA.
4. Permanent access shall be provided, suitable for the heavy equipment, required to service any ground mounted transformer bank.
5. Transformers shall not contain PCB's and shall be so marked.

C. Secondary

A minimum of 65 feet of secondary conductor for each lot to be served shall be furnished at each transformer pole.

D. Clearances

1. The point of attachment of a service drop to a building or other structure shall be high enough to provide the following minimum clearances:

<u>Feature</u>	<u>Clearance</u>
Sidewalk	10 feet
Residential	15 feet
Commercial Driveways and Parking Lots.....	18 feet
Public Streets, Roads, Highways and Alleys.....	27 feet

2. The point of attachment shall not be higher than 30 feet unless necessary to obtain the required clearance.
3. The City may require extra service poles be set to clear obstructions.

III. UNDERGROUND SERVICES

A. Primary

In subdivisions, the minimum conductor size shall be City approved, URD Type, 1/0 aluminum in a two-inch (2") Schedule 40 conduit. Larger conductors may be required by the City of determined necessary. Pull boxes shall be installed where required to ensure that conduit ends are accessible at intervals of not more than 200 feet (200'). The developer shall furnish primary terminators where connection is made to the existing system and the City will assist termination.

B. Transformers

1. In all residential subdivisions the minimum transformers size shall be 50 KVA.
2. Transformers shall be furnished with primary elbows, secondary lugs, and automatic reset fault indicators for each phase on the primary elbow.

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3. Transformers shall not contain PCB's and shall be so marked.
 4. Each transformer will be mounted on a reinforced concrete slab. See Details.

C. Secondary

1. Each junction box shall include a secondary conduit for each lot to be served, extending not less than three feet (3') from under the pad and in the general direction that such service is to be provided, and such other conduits as are necessary for installation of street lights and services.
2. Street light service conduit shall be minimum of 1-1/4 inch diameter.
3. CT metered services shall have minimum of a one inch (1") conduit between the pad-mounted transformer and the meter socket.
4. Single-phase riser and conduit from transformers and/or secondary pads shall have minimum size of two-inch (2") for meter loops up to 200 amps, three-inch (3") conduit for meter loops greater than 200 amps, and such other additional runs of conduit as may be required for larger loads. A three-phase riser and conduit from transformers and/or secondary pads shall have a minimum of three (3) each two-inch (2") conduits.

D. Trench Safety

1. All trenches having a depth of more than five feet (5') shall be provided with a suitable form of safety system to prevent trench collapse.
2. Such safety system shall be designed by the sub-divider's or contractor's engineer to meet the Occupational Safety and Health Administration standards.
3. The contractor shall ensure the safety system is properly utilized at all times that there is a requirement for the safety system.
4. The engineer designing the safety system shall inspect such system to ensure its proper installation and utilization.

IV. GROUNDING

- A. A permanent ground-connection from a driven ground rod and attached to the neutral terminal of the meter socket shall be provided.
- B. The grounded neutral conductor shall be electrically continuous from the weather-head through the meter loop for all service entrance conductors. The grounded conductor shall be positively identified by the use of white tape or other suitable method.
- C. Service grounding from the ground rod to the meter socket shall use a minimum No.6 copper wire or equivalent.

V. METERING, METER LOOPS AND SERVICE DROPS

- A. The builder shall be responsible for furnishing and correctly installing all equipment for meter loops, including trough, meter sockets, riser conduit and fittings, weather-bead, and sufficient approved conductors of five feet (5') minimum excess length out of the weather-bead.
- B. City must inspect the meter loop from the socket to the weather-bead to insure acceptable wiring and termination practices.
- C. Standard permanent poles for meter loop services shall be nominally 25 feet in height from grade, except where certain clearance conditions exist, with the meter socket between five feet (5') and six feet (6') in height from grade, with a minimum conduit riser length to the weather-bead of fifteen feet (15').
- D. Meter loops will no longer be set on City poles. If a pole is required on private property, the customer will be responsible for installing a City approved pole (30-4) and for requesting and obtaining an approved inspection by the City.
- E. The developer shall furnish all CIT/metering and meters, including primary metering. The City will assist with installation of meters.
- F. Bare or insulated wire shall be furnished and installed in service entrance as a bond between equipment ground and the City's common neutral system. The conductor shall be appropriately sized but in no case shall it be less than No. 6 copper or equivalent.
- G. A solid point of attachment for supporting the service drop on the building shall be provided.
- H. A service pole shall be set in those cases where proper clearance from ground, trees, and other obstructions can be obtained, but the distance from the transformer pole to the point of attachment is more than 100 feet.
- I. Meters will not be located where they will interfere with traffic, on sidewalks or driveways, or where they will obstruct the opening of doors or windows.
- J. Meter mounting devices shall be installed so that the disc of the meter when installed will be exactly level.
- K. When more than one meter is installed, as on duplex apartments or apartment house, the meters are to be grouped at a point accessible at all times to the City. Each meter socket shall be clearly and permanently marked by the person installing it to show the apartment and/or address to be served by the meter.

VI. STREET LIGHTS

- A. Street lights shall not be installed on private property.
- B. New Subdivisions

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All new subdivisions construction plans shall have developer installed **LED** street lights based upon these standards, and the City's Subdivision Ordinance. Any variance to these standards must be approved by the City Manager or designee.

1. The developer shall submit a streetlight plan as part of the final subdivision plat package in conjunction with the utility plans and in conformance with these standards.
2. The staff shall review, coordinate with the electric utility, and recommend LED street lighting plans to the Electric Distribution Superintendent or other City Manager designee.
3. Metal poles with a minimum Height of 30 feet (30') shall be required for all public LED street lighting with a minimum 8 foot (8') long, 80 gauge aluminum arms.
4. The City may reject subdivision and development construction plans involving streets that fail to comply with the standards set forth in this section.

In new subdivisions where underground primary and secondary must be provided by the developer, the developer shall provide all required easements and pay for the installation/materials/equipment for street lights in accordance with the standards set forth in this section.

C. Spacing

Streetlights shall be placed in accordance with the following spacing requirements in all public streets:

1. Typical spacing of lights shall be one per intersection as described in Street LED Watts/Lumens Chart of this section; where two street types intersect, the heavier traffic street type lighting shall apply.
2. Lights shall be provided along arterial and collector streets, with a maximum spacing between lights of 250 feet (250') and in compliance with the LED Watt/Lumens Chart.
3. If the block length is over 600 feet (600') but less than increments of 300 feet (300'), the light shall be placed in mid-block to the degree practical.
4. In a cul-de-sac turnaround, if the cul-de-sac length is longer than 300 feet (300').
5. In all vertical curve points of 10% or more in all streets.
6. All roundabouts, bulb outs, and marked crosswalks.
7. Streetlights shall be placed in the subdivision in compliance with the final approved LED lighting plan.

Table 6.1 Street LED Watts/Lumens Chart

Type of Street, Intersections, Other Locations	Watts/Lumens (Minimum)
	30' Metal Poles, 8' aluminum mast arms, photoelectric control, and fused – Submittal approval required.
Arterial	148/8,600
Arterial/Arterial Intersections	148/10,300
Arterial/Collector Intersections	130/9,100
Arterial/Residential Intersections	130/9,100
Arterial Other Specified Locations	45/3,500
Collector	95/5,600
Collector/Residential Intersections	130/9,100
Collector/Collector Intersections	130/9,100
Collector/Arterial Intersections	130/9,100
Collector Other Specified Locations	45/3,500
Residential-Local (Low Traffic)	45/3,500
Residential/Residential Intersections	95/8,000
Residential/Collector Intersections	130/9,100
Residential/Arterial Intersections	45/3,500
Residential Other Specified Locations	45/3,500

D. Private Streets and Mobile Home Park Subdivision Streets

No street or intersection shall be illuminated at public expense by the City of Lockhart unless said street is located within dedicated public street right-of-way. Public access easements shall not be considered public right-of-way for street lighting purposes. Street lights within the mobile home park shall be provided by the developer along internal streets. Light standards shall have a height and spacing to ensure an average illumination level of not less than 0.2 foot candles shall be maintained.

E. Annexed Areas

In newly annexed areas, the annexation assessment and service plan, if required, shall indicate the approximate number of street lights to be provided, the approximate annual cost of providing the lights and the timing for providing the street lights. Street lights shall be installed by the City in developed areas with conventional “along the street utility areas” in subdivisions of 5 lots or more upon request.

The additional cost of providing street lights in annexed areas with underground utilities shall not be borne by the City. Street lights in areas with rear utilities shall be provided as soon as economically feasible. All street lights shall be provided within 5 years of the effective date of annexation where there are at least 5 contiguous home sites.

F. Existing Areas

When a request is received for a street light in previously developed areas, the Developer and/or his designee will complete the “Request for Street Light” form. All requests for street lights in existing subdivisions and public streets will be evaluated by the City Manager or his designee according to the standards set out in Section B New Subdivisions of this standard as follows:

1. Requested light(s) must not be closer than 250 feet (250') to the closest existing street light(s) unless approved by the City Manager or designee.

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2. Requested light will receive priority if located at a.) intersections of public streets, b.) sharp curves, c.) turns, d.) cul-de-sacs, e.) dead end streets, and f.) points of traffic conflict. Lumen measurements will also be considered.
 3. Installation costs shall be reasonable and the number of trees along the street that hinder street light levels will be considered.
 4. The City Manager or designee will evaluate a request for street light according to the above criteria. If a request is denied by the City Manager, the applicant may ask that his street light request be heard by the City Council; the Council's decision will be final.

G. Moving Existing Installed Street Lights

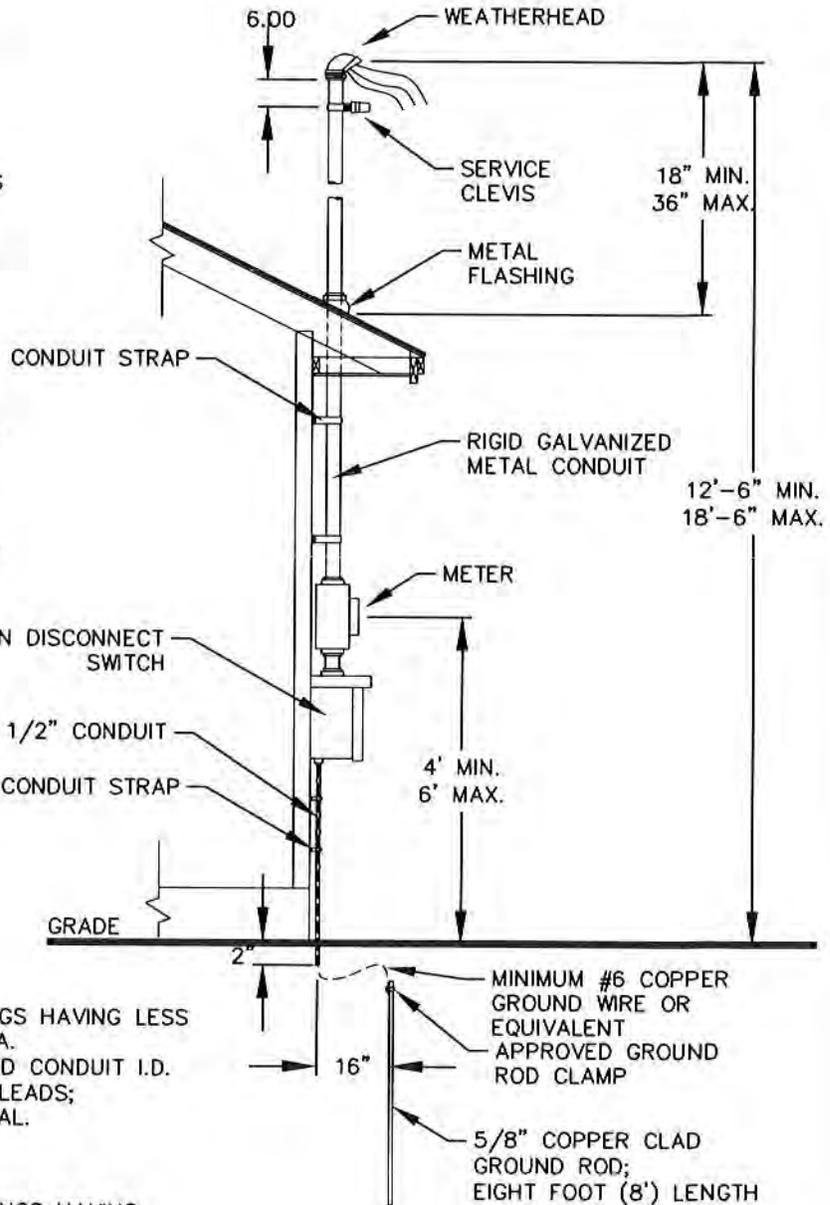
It shall be the responsibility of the property owner, developer, or building contractor to move existing installed street lights where required in order to construct/alter/move a driveway or other appurtenance. A licensed electrical contractor must perform the work after review with the Electric Superintendent or designee and after obtaining the required permits.

VII. ELECTRICAL DETAILS

Detail	Detail No.
Single Overhead Service Single Phase Meter Loop	E-1
Overhead Service Multiple Metering	E-2
Overhead to Underground Single Phase Primary Riser	E-3
Overhead Primary to Underground Single Phase Secondary Riser	E-4
Overhead to Underground with Meter at Pole Single Phase Meter Loop	E-5
Overhead to Underground Mobile Home Park Meter Loop	E-6
Trench Installation	E-7
Single Underground Service Single Phase Meter Loop	E-8
Underground Secondary Service Multiple Metering in Apartment Complex	E-9
Overhead Service Temporary Meter Loop	E-10
Underground Service Temporary Meter Loop	E-11
Typical Transformer Pad	E-12
Overhead Primary to Underground Three Phase Secondary Riser	E-13

NOTES

1. PROVIDE MINIMUM FIVE FOOT (5') LEADS PAST WEATHERHEAD.
2. WEATHERHEAD HEIGHT ABOVE FINAL GROUND GRADE SHALL NOT BE LESS THAN 12'-6" AND NOT EXCEED 18'-6". IF WIRES CROSS MORE THAN FOUR LINEAR FEET (4') OF ROOF, THE CLEARANCE MUST BE RAISED FROM 18" TO 36".
3. CLEVIS SHALL BE SIX INCHES (6") BELOW WEATHERHEAD.
4. IF METAL ROOF, PLASTIC MAY BE SUBSTITUTED FOR METAL FLASHING.-*SPECIAL ROOF PROBLEMS SHALL BE COORDINATED WITH CITY OF LOCKHART.
5. TWO CONDUIT STRAPS ON CONDUIT WALL; STRAP SIZE TO FIT SIZE OF CONDUIT.
6. CIRCUIT BREAKER AND CONDUCTOR SIZE SHALL BE PER N.E.C.
7. MAIN DISCONNECT SWITCH REQUIRED AT METER SOCKET.- *THE HOUSE BREAKERS MAY BE LOCATED BELOW, ADJACENT TO, OR INSIDE HOUSE, BUT NOT INSIDE CLOSET OR BATHROOM.
8. SERVICE GROUNDING FROM THE GROUND ROD TO THE METER SOCKET SHALL BE A MINIMUM #6 COPPER WIRE OR EQUIVALENT.
9. ENCLOSE GROUND WIRE IN 1/2" CONDUIT, ATTACH TO EXTERIOR OF BUILDING WITH TWO (2) STRAPS, CONTINUE CONDUIT TO TWO INCHES (2") BELOW FINAL GROUND GRADE.
10. MINIMUM INSULATION REQUIREMENT ON SERVICE WIRE FOR ALL CONDUCTORS SHALL BE THW ON EQUIVALENT.



100 AMP LOOP

- SUITABLE FOR SINGLE FAMILY DWELLINGS HAVING LESS THAN 1,000 SQUARE FEET LIVING AREA.
- 1 1/2" MINIMUM SIZE RIGID GALVANIZED CONDUIT I.D.
- TWO #2 STRANDED COPPER FOR HOT LEADS;
- ONE #4 STRANDED COPPER FOR NEUTRAL.

200 AMP LOOP

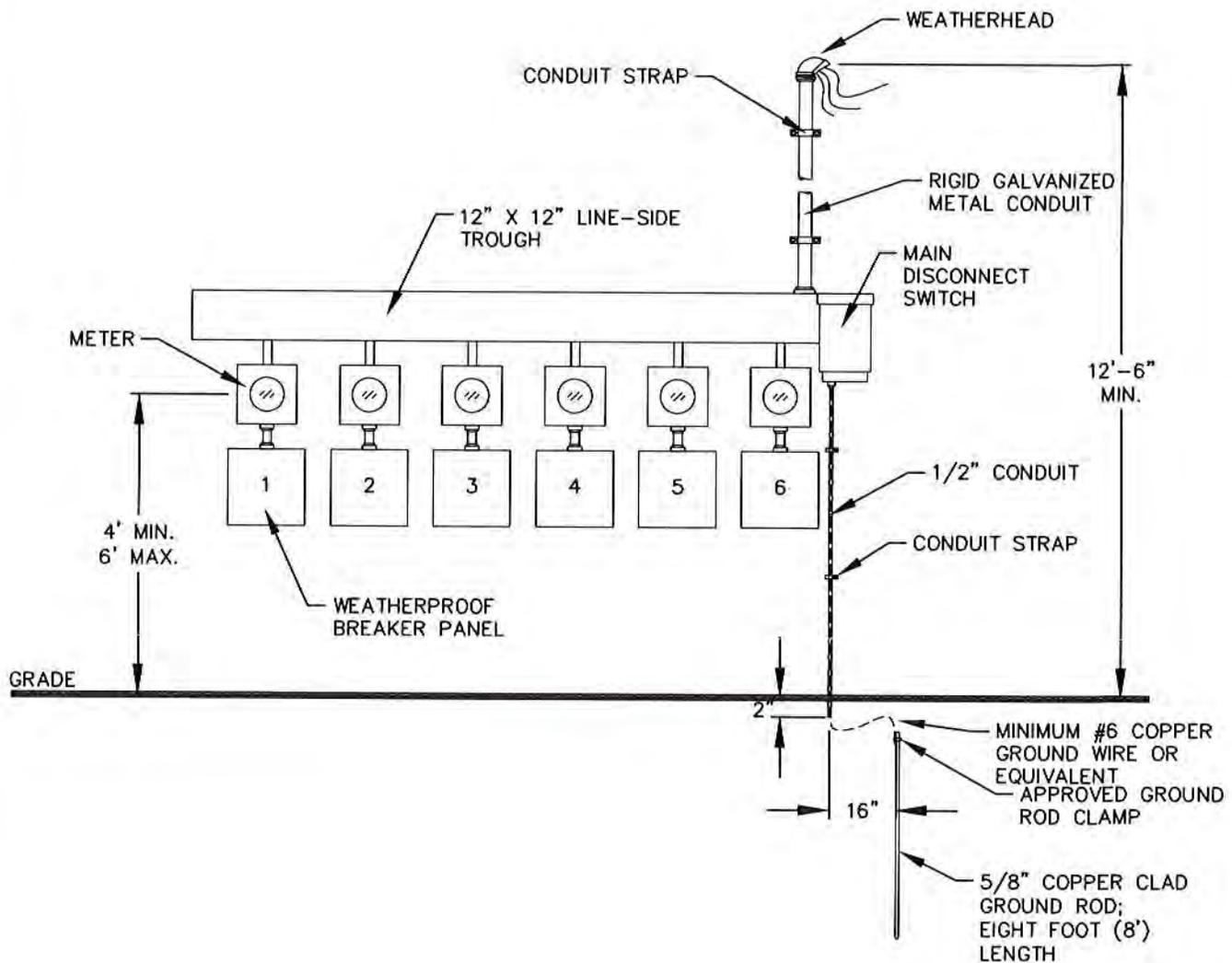
- REQUIRED FOR SINGLE FAMILY DWELLINGS HAVING 1,000 SQUARE FEET LIVING AREA OR MORE.
- 2" MINIMUM SIZE RIGID GALVANIZED CONDUIT I.D.
- TWO #2/0 STRANDED COPPER FOR HOT LEADS;
- ONE #1/0 STRANDED COPPER FOR NEUTRAL.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	OCT 2017		

TITLE:
**SINGLE OVERHEAD SERVICE
SINGLE PHASE METER
LOOP**

SCALE: NTS DRAWING No. E - 1



NOTES

1. PROVIDE MINIMUM FIVE FOOT (5') LEADS PAST WEATHERHEAD.
2. FOR WEATHERPROOF SUB-MAIN SWITCHES OR BREAKER PANELS, EACH SWITCH SHALL HAVE PERMANENT TYPE ADDRESS MARKING.
3. TROUGH SHALL BE CONSTRUCTED SO THAT THE CITY OF LOCKHART SEAL CAN BE USED TO PREVENT UNAUTHORIZED ENTRY.
4. SERVICE GROUNDING FROM THE GROUND ROD TO THE METER SOCKET SHALL BE A MINIMUM #6 COPPER WIRE OR EQUIVALENT.
5. ENCLOSE GROUND WIRE IN 1/2" CONDUIT, ATTACH TO EXTERIOR OF BUILDING WITH TWO (2) STRAPS, CONTINUE CONDUIT TO TWO INCHES (2") BELOW FINAL GROUND GRADE.
6. MINIMUM INSULATION REQUIREMENT ON SERVICE WIRE FOR ALL CONDUCTORS SHALL BE THW OR EQUIVALENT.
7. MULTIPLE METERED SERVICE CONDUCTORS TO BE DETERMINED BY LICENSED ENGINEER.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:	APRIL 1987		
REV	DATE	BY	
1	OCT 2017		

TITLE:

**OVERHEAD SERVICE
MULTIPLE METERING**

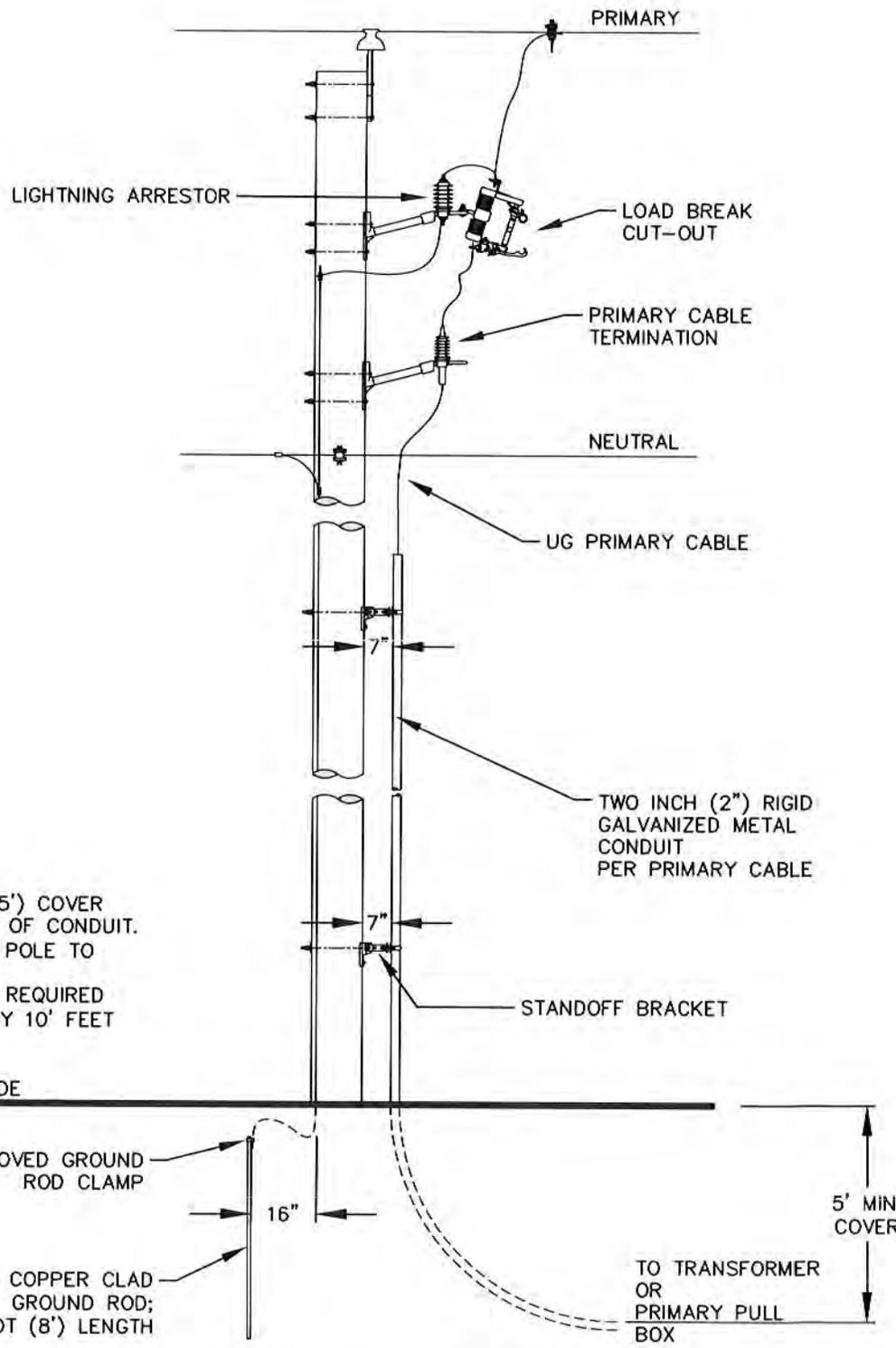
SCALE:

NTS

DRAWING No.

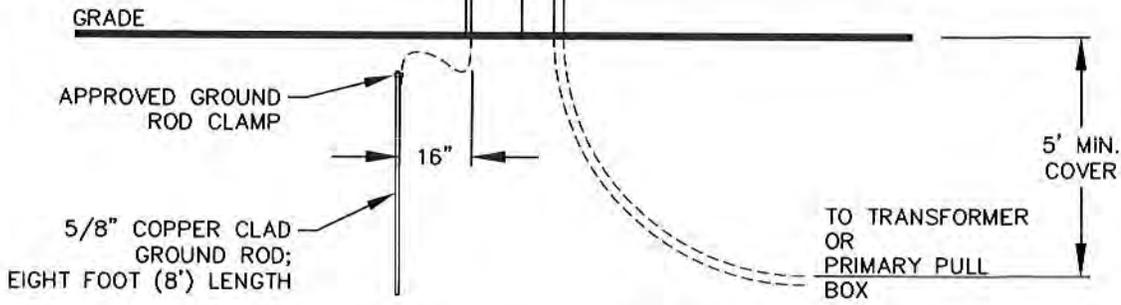
E - 2

176



NOTES

1. MINIMUM FIVE FOOT (5') COVER FROM GRADE TO TOP OF CONDUIT.
2. 7" CLEARANCE FROM POLE TO VERTICAL RISER.
3. STANDOFF BRACKETS REQUIRED APPROXIMATELY EVERY 10' FEET ALONG RISER.



THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:	APRIL 1987	
REV	DATE	BY
1	OCT 2017	

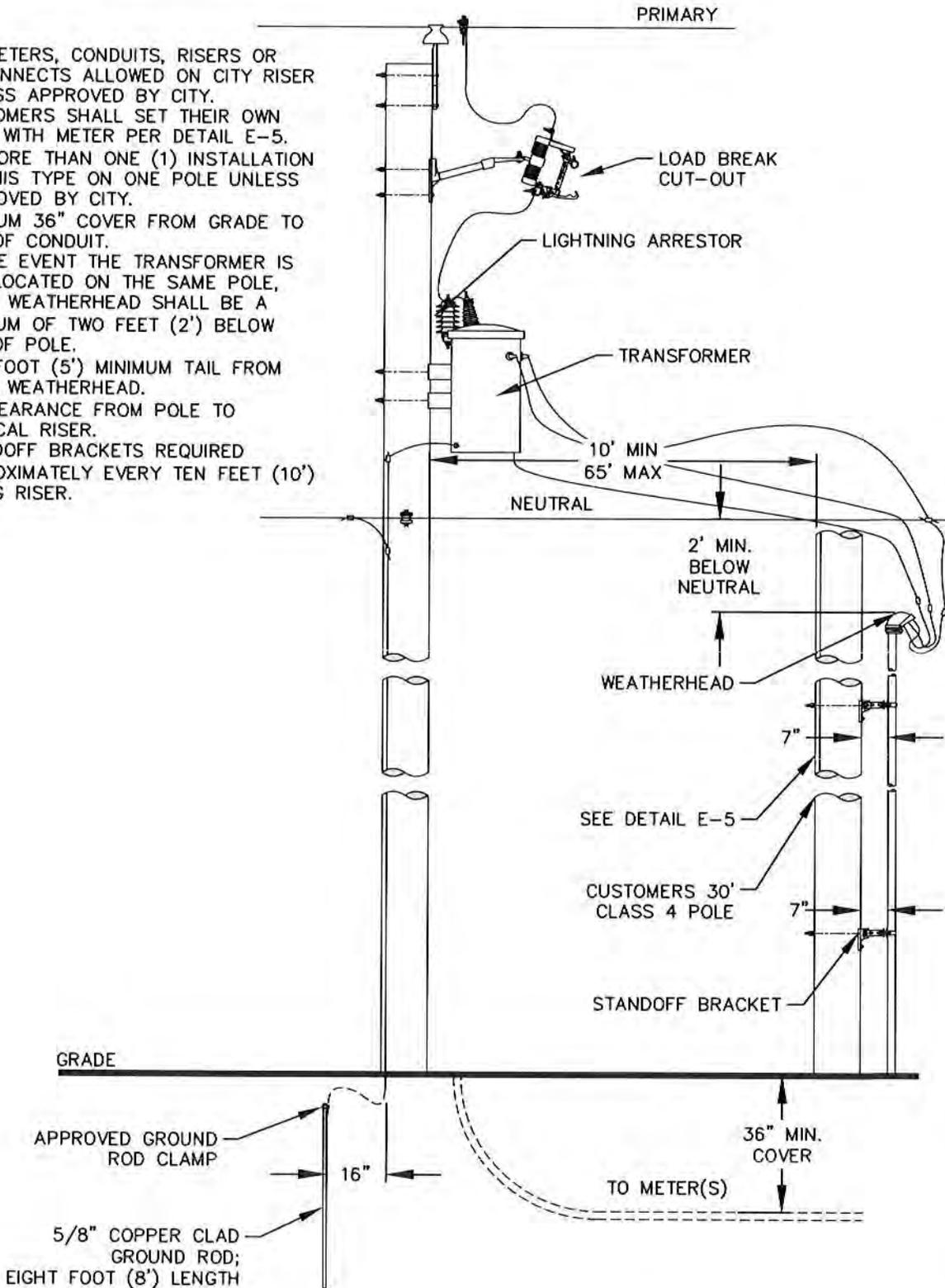
TITLE:
OVERHEAD TO UNDERGROUND SINGLE PHASE PRIMARY RISER

SCALE: NTS DRAWING No. E - 3

177

NOTES

1. NO METERS, CONDUITS, RISERS OR DISCONNECTS ALLOWED ON CITY RISER UNLESS APPROVED BY CITY. CUSTOMERS SHALL SET THEIR OWN POLE WITH METER PER DETAIL E-5.
2. NO MORE THAN ONE (1) INSTALLATION OF THIS TYPE ON ONE POLE UNLESS APPROVED BY CITY.
3. MINIMUM 36" COVER FROM GRADE TO TOP OF CONDUIT.
4. IN THE EVENT THE TRANSFORMER IS NOT LOCATED ON THE SAME POLE, RISER WEATHERHEAD SHALL BE A MINIMUM OF TWO FEET (2') BELOW TOP OF POLE.
5. FIVE FOOT (5') MINIMUM TAIL FROM RISER WEATHERHEAD.
6. 7" CLEARANCE FROM POLE TO VERTICAL RISER.
7. STANDOFF BRACKETS REQUIRED APPROXIMATELY EVERY TEN FEET (10') ALONG RISER.



THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:	APRIL 1987	
REV	DATE	BY
1	OCT 2017	
2	JAN 2020	JAD

TITLE:
OVERHEAD PRIMARY TO UNDERGROUND SINGLE PHASE SECONDARY RISER

SCALE: NTS
 DRAWING No. E - 4

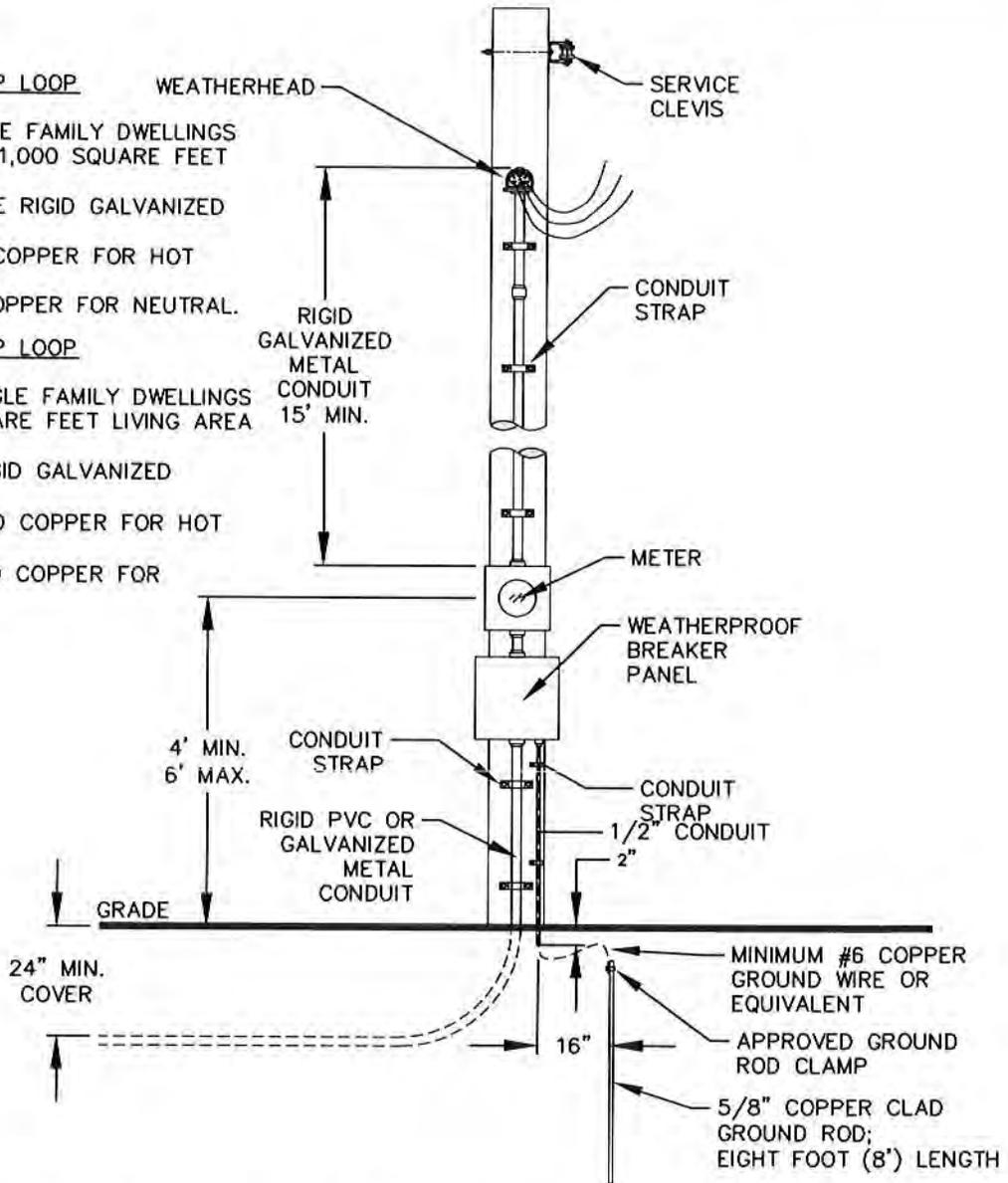
178

100 AMP LOOP

- SUITABLE FOR SINGLE FAMILY DWELLINGS HAVING LESS THAN 1,000 SQUARE FEET LIVING AREA.
- 1 1/2" MINIMUM SIZE RIGID GALVANIZED CONDUIT I.D.
- TWO #2 STRANDED COPPER FOR HOT LEADS;
- ONE #4 STRANDED COPPER FOR NEUTRAL.

200 AMP LOOP

- REQUIRED FOR SINGLE FAMILY DWELLINGS HAVING 1,000 SQUARE FEET LIVING AREA OR MORE.
- 2" MINIMUM SIZE RIGID GALVANIZED CONDUIT I.D.
- TWO #2/0 STRANDED COPPER FOR HOT LEADS;
- ONE #1/0 STRANDED COPPER FOR NEUTRAL.



NOTES

1. PROVIDE MINIMUM FIVE FOOT (5') LEADS PAST WEATHERHEAD.
2. THREE (3) STRAPS ON CONDUIT SECURING TO POLE; SIZE OF STRAP TO FIT SIZE OF CONDUIT.
3. METER SOCKET AND WEATHERPROOF BREAKER PANEL WILL BE CONNECTED TO POLE WITH LAG SCREWS.
4. SERVICE GROUNDING FROM THE GROUND ROD TO THE METER SOCKET SHALL BE A MINIMUM #6 COPPER WIRE OR EQUIVALENT.
5. ENCLOSE GROUND WIRE IN 1/2" CONDUIT, SECURE TO POLE WITH TWO (2) STRAPS, CONTINUE CONDUIT TO TWO INCHES (2") BELOW FINAL GROUND GRADE.
6. RIGID PVC OR GALVANIZED METAL CONDUIT PROPERLY SECURED TO PANEL BOX WITH WEATHER-TIGHT FITTINGS AND STRAPPED TO POLE WITH TWO STRAPS SIZED TO CONDUIT BELOW PANEL.
7. WHENEVER POSSIBLE, POSITION METER TO FACE THE ROAD OR DRIVEWAY.
8. MINIMUM INSULATION REQUIREMENT ON SERVICE WIRE FOR ALL CONDUCTORS SHALL BE THW OR EQUIVALENT.
9. THIRTY FOOT (30') CLASS FOUR (4) UTILITY GRADE POLE SET IN POLE FOAM REQUIRED.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:	APRIL 1987		
REV	DATE	BY	
1	OCT 2017		

TITLE:

OVERHEAD TO UNDERGROUND WITH METER AT POLE SINGLE PHASE METER LOOP

SCALE:

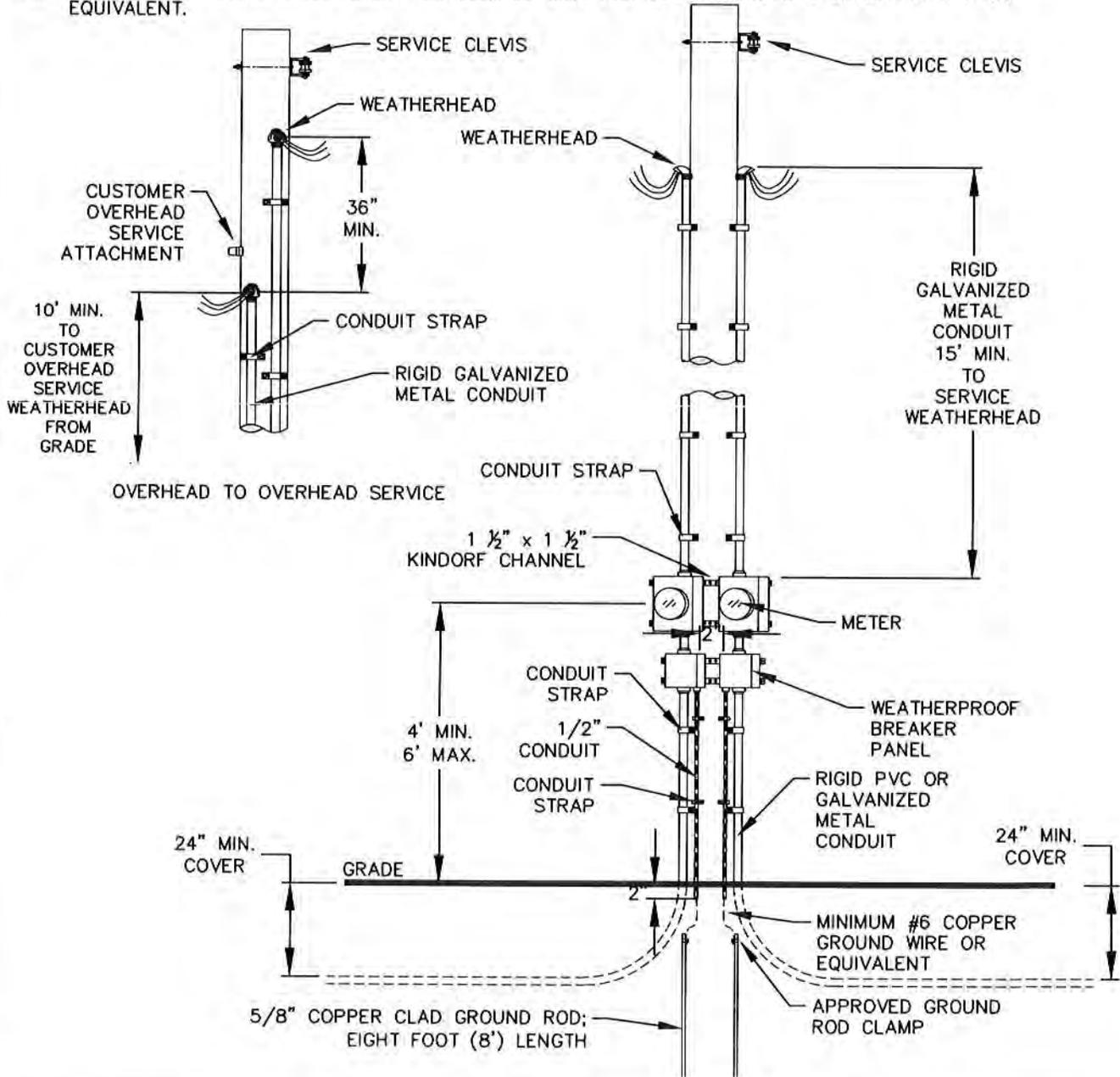
NTS

DRAWING No.

E - 5

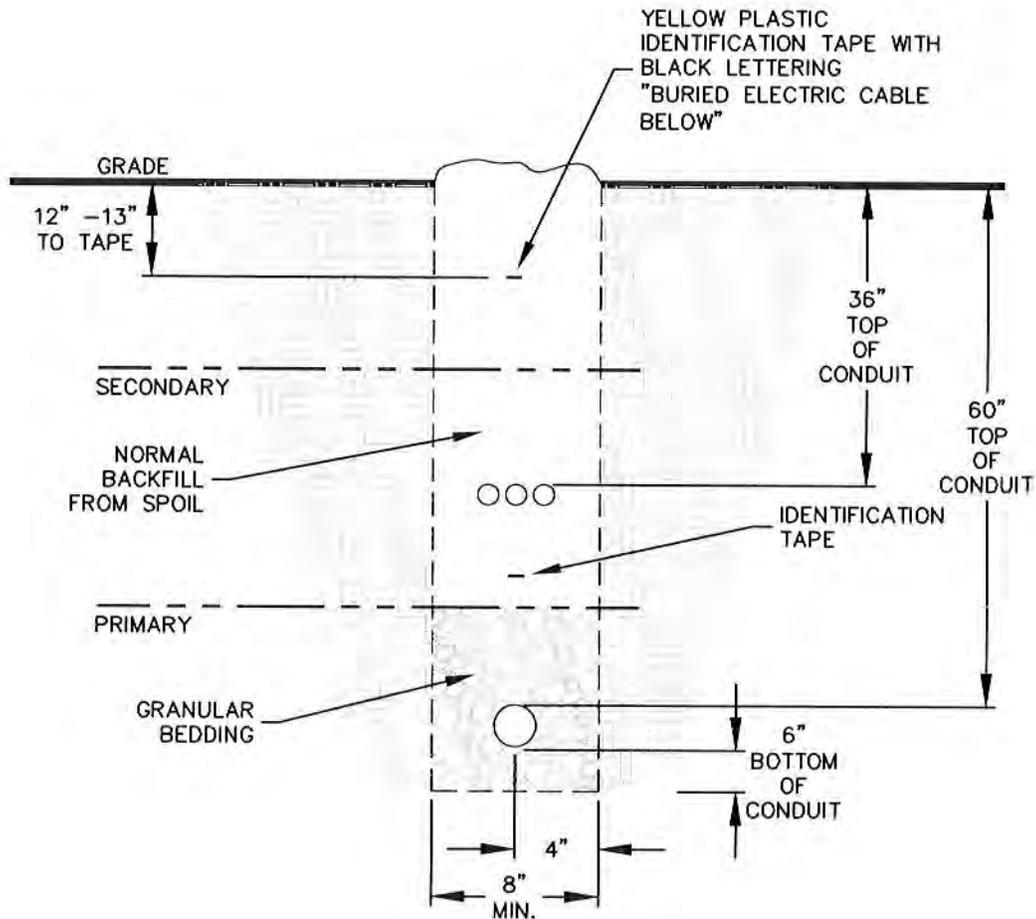
NOTES

1. PROVIDE MINIMUM FIVE FOOT (5') LEADS PAST WEATHERHEAD.
2. ALL MOBILE HOME PARKS SHALL USE A 30' CLASS 4 POLE APPROVED BY THE CITY. THE POLE SHALL BE PROPERLY GROUNDING WITH AN APPROVED GROUND ROD INSTALLED. WHEN ANCHOR AND GUY ARE REQUIRED THEY SHALL BE APPROVED BY THE CITY.
3. 1 1/2" X 1 1/2" KINDORF CHANNEL MOUNTED TO POLE WITH 3/8" LAG SCREWS. A TWO INCH (2") SPACE REQUIRED BETWEEN METERS.
4. SERVICE GROUNDING FROM THE GROUND ROD TO THE METER SOCKET SHALL BE A MINIMUM #6 COPPER WIRE OR EQUIVALENT.
5. ENCLOSE GROUND WIRE IN 1/2" CONDUIT, SECURE TO POLE WITH TWO (2) STRAPS, CONTINUE CONDUIT TO TWO INCHES (2") BELOW FINAL GROUND GRADE.
6. MINIMUM INSULATION REQUIREMENT ON SERVICE WIRE FOR ALL CONDUCTORS SHALL BE THW OR EQUIVALENT.



<p>THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD</p>	DATE ISSUED:	APRIL 1987		<p>TITLE:</p> <p style="text-align: center;">OVERHEAD TO UNDERGROUND MOBILE HOME PARK METER LOOP</p>
	REV	DATE	BY	
	1	OCT 2017		
	SCALE:	NTS		DRAWING No. E - 6

180



NOTES

1. WHEN CROSSING EXISTING STREETS AND DRIVEWAYS, SURFACE MATERIAL SHALL BE EQUAL TO MATERIAL REMOVED--MINIMUM AMOUNTS INCLUDE 8" GRAVEL, 1-1/2" ASPHALT, OR 6" CONCRETE.
2. INSTALLATION OF COMPACTED CRUSHED STONE (100%) AS PER TDHPT METHOD TEX 113-E, IS REQUIRED WHEN CROSSING EXISTING STREETS OR DRIVEWAYS.
3. NORMAL BACKFILL FROM SPOIL (MAXIMUM 6" IN GREATEST DIMENSION).
4. GRANULAR BEDDING AS REQUIRED.
5. A YELLOW PLASTIC IDENTIFICATION TAPE WITH BLACK LETTERING THAT READS "BURIED ELECTRIC CABLE BELOW" MUST BE PLACED IN THE CABLE TRENCH AT A DEPTH OF 12" TO 13" BELOW FINISHED GROUND GRADE.
6. AT NO TIME WILL ANY CONDUIT, PIPE, OR DIRECT BURIAL CABLE, WHETHER COMMUNICATIONS, GAS, OR WATER, BE PLACED CLOSER THAN 12" VERTICALLY OR HORIZONTALLY FROM ANY UNDERGROUND ELECTRICAL CONDUCTOR.
7. AT NO TIME WILL ANY ELECTRIC LINE BE CONNECTED FOR SERVICE IF FOUND TO CROSS UNDER ANY BUILDING FOUNDATION.
8. WHEN CABLES ARE POSITIONED AT MORE THAN ONE (1) LEVEL IN THE SAME TRENCH, ADDITIONAL IDENTIFICATION TAPE MUST BE PLACED BETWEEN LEVELS.

**THE ARCHITECT/ENGINEER
ASSUMES RESPONSIBILITY
FOR APPROPRIATE USE OF
THIS STANDARD**

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	OCT 2017		

TITLE:

TRENCH INSTALLATION

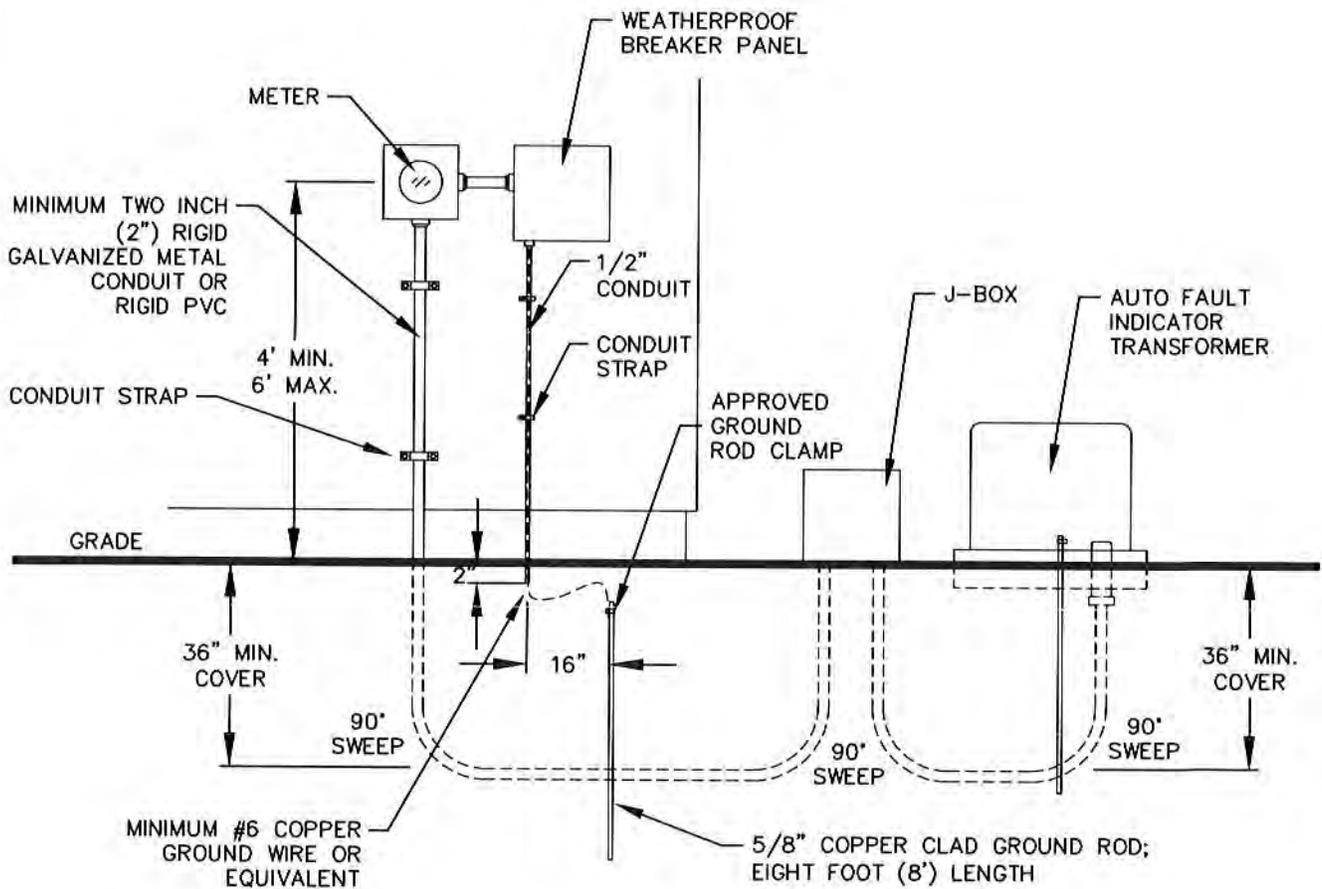
SCALE:

NTS

DRAWING No.

E - 7

181



NOTES

1. METER SHALL BE MOUNTED ON SIDE OF BUILDING AND AT A POINT ACCESSIBLE TO SERVICE LATERAL CONDUCTORS, EXCEPT WHERE METER IS NEXT TO TRANSFORMER.
2. USE MINIMUM TWO INCH (2") CONDUIT AND STRAP SECURELY TO EXTERIOR OF BUILDING WITH TWO (2) STRAPS.
3. SERVICE GROUNDING FROM THE GROUND ROD TO THE METER SOCKET SHALL BE A MINIMUM #6 COPPER WIRE OR EQUIVALENT.
4. ENCLOSE GROUND WIRE IN 1/2" CONDUIT, ATTACH TO EXTERIOR OF BUILDING WITH TWO (2) STRAPS, CONTINUE CONDUIT TO TWO INCHES (2") BELOW FINAL GROUND GRADE.

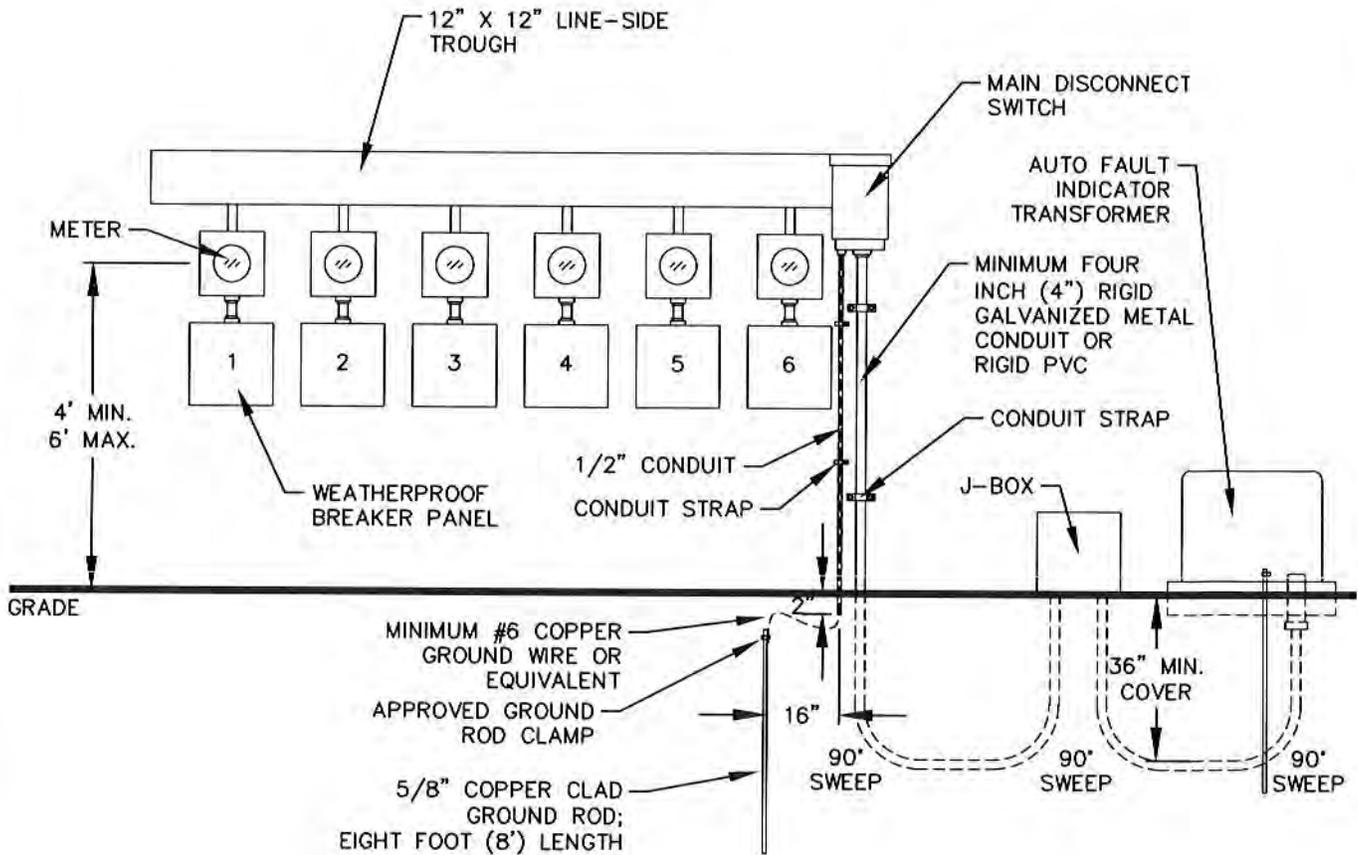
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	OCT 2017		

TITLE:
SINGLE UNDERGROUND SERVICE SINGLE PHASE METER LOOP

SCALE: NTS DRAWING No. E - 8

182



NOTES

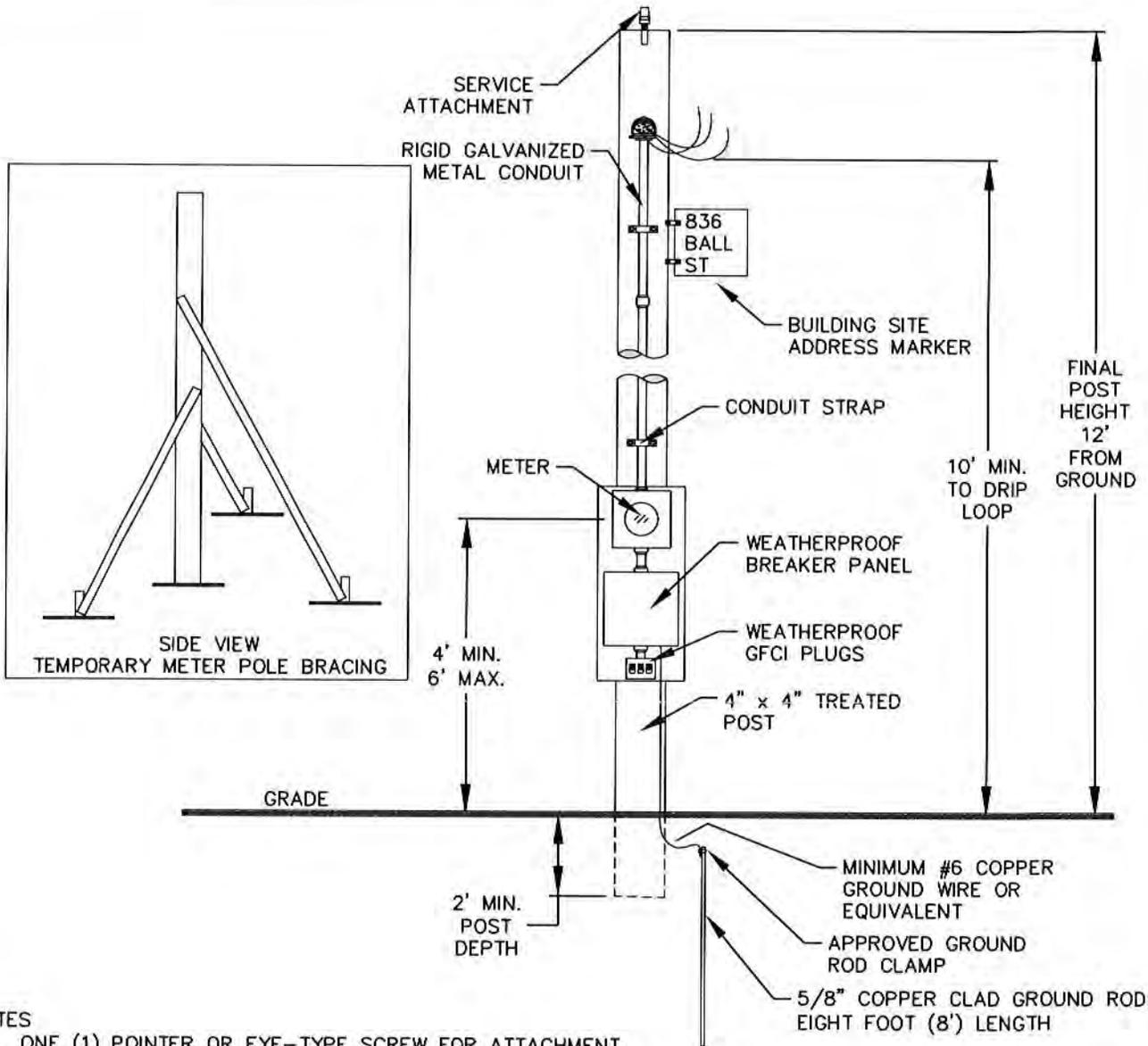
1. FOR WEATHERPROOF SUB-MAIN SWITCHES OR BREAKER PANELS, EACH SWITCH SHALL HAVE PERMANENT TYPE ADDRESS MARKING.
2. TROUGH SHALL BE CONSTRUCTED SO THAT THE CITY OF LOCKHART SEAL CAN BE USED TO PREVENT UNAUTHORIZED ENTRY.
3. MINIMUM 4" CONDUIT SECURELY STRAPPED TO EXTERIOR OF BUILDING WITH TWO (2) STRAPS.
4. SERVICE GROUNDING FROM THE GROUND ROD TO THE METER SOCKET SHALL BE A MINIMUM #6 COPPER WIRE OR EQUIVALENT.
5. ENCLOSE GROUND WIRE IN 1/2" CONDUIT, ATTACH TO EXTERIOR OF BUILDING WITH TWO (2) STRAPS, CONTINUE CONDUIT TO TWO INCHES (2") BELOW FINAL GROUND GRADE.
6. MULTIPLE METERED SERVICE CONDUCTORS TO BE DETERMINED BY LICENSED ENGINEER.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:	APRIL 1987	
REV	DATE	BY
1	OCT 2017	

TITLE:
UNDERGROUND SECONDARY SERVICE MULTIPLE METERING IN APARTMENT COMPLEX

SCALE: NTS DRAWING No. E - 9



NOTES

1. ONE (1) POINTER OR EYE-TYPE SCREW FOR ATTACHMENT.
2. FINAL HEIGHT OF POST IS TWELVE FOOT (12') FROM GROUND.
3. THREE (3) EACH #8 COPPER WIRE, 36" IN LENGTH WITHOUT SPLICES IN 1 1/2" PIPE.—*THREE (3) WIRE TEMPORARY SERVICE, THW OR EQUIVALENT.
4. ADDRESS OF BUILDING SITE MARKED WITH TWO INCH (2") LETTERS ON EXTERIOR PAINTED PLYWOOD OR MARINE SIGN.
5. 4"x4" TREATED POST BURIED TWO FEET (2") INTO GROUND.
6. THREE (3) LEG WOOD BRACING AGAINST SERVICE (PULL) 2"x4" BRACES AND 2"x4" STAKES.
7. WEATHERPROOF BREAKER PANEL; ONE (1) 240, 30 AMP CIRCUIT, TWO (2) 15 OR 20 AMP, 120 VOLT CIRCUITS; GROUND FAULT CIRCUIT INTERRUPTER REQUIRED.
8. TWO (2) 120 VOLT GROUNDING-TYPE PLUGS AND ONE (1) 240 POLARIZED PLUG—ALL THREE TO BE WEATHERPROOF OR IN WEATHERPROOF METAL BOX.
9. SERVICE GROUNDING FROM THE GROUND ROD TO THE METER SOCKET SHALL BE A MINIMUM #6 COPPER WIRE OR EQUIVALENT.
10. NOT TO BE PLACED FURTHER THAN 65 FEET (65') FROM EXISTING SECONDARY SERVICE.
11. WHENEVER POSSIBLE, POSITION METER TO FACE THE ROAD OR DRIVEWAY.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	OCT 2017		

TITLE:

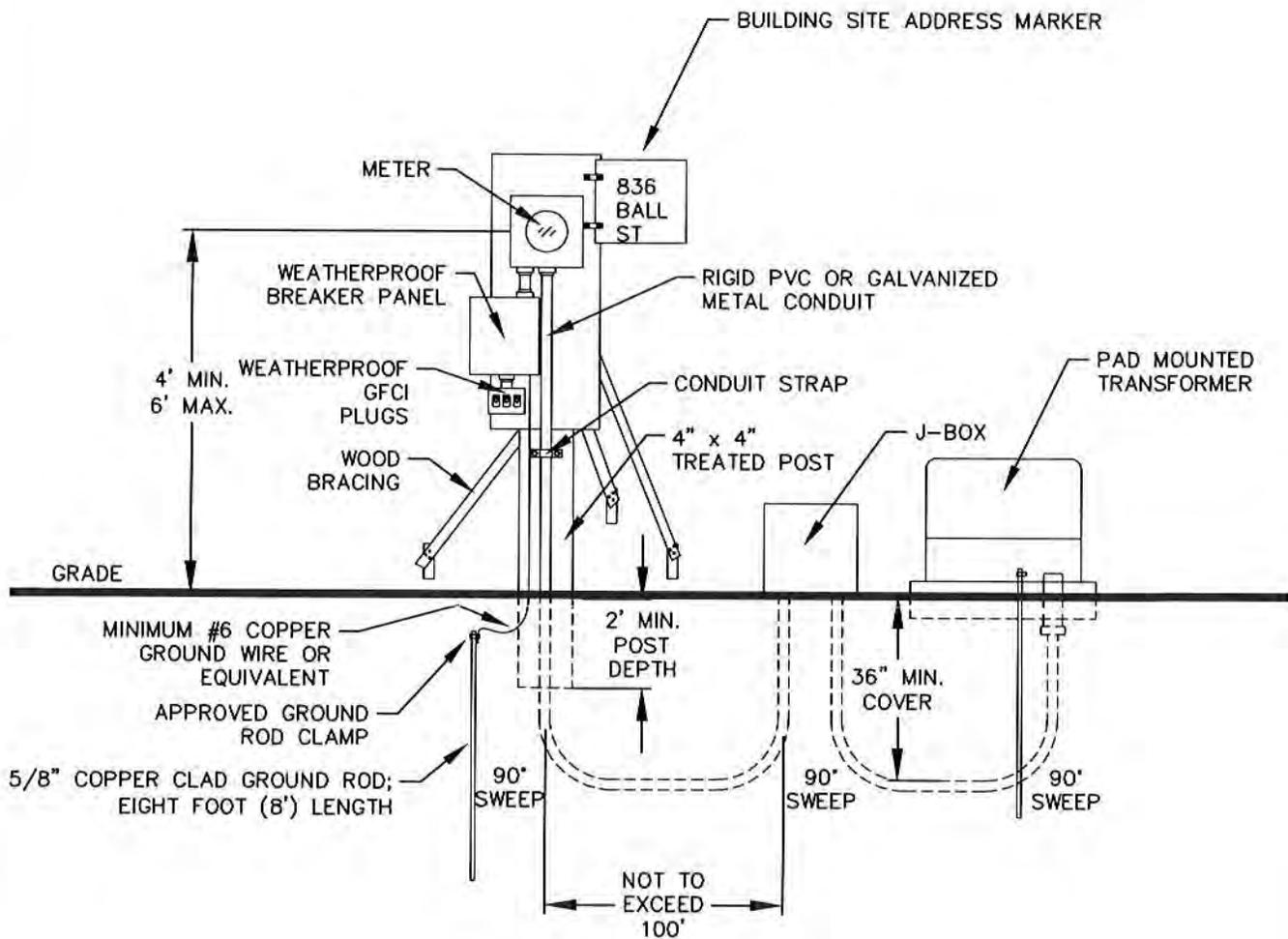
**OVERHEAD SERVICE
TEMPORARY METER LOOP**

SCALE:

NTS

DRAWING No.

E - 10



NOTES

1. ADDRESS OF BUILDING SITE MARKED WITH TWO INCH (2") LETTERS ON EXTERIOR PAINTED PLYWOOD OR MARINE SIGN.
2. CONNECTIONS SHALL BE MADE ON TOP SIDE OF METER SOCKET.
3. LEADS TO BE FIVE FEET (5') IN LENGTH GOING INTO J-BOX.
4. 4"x4" TREATED POST BURIED TWO FEET (2") INTO GROUND.
5. THREE (3) LEG WOOD BRACING, 2"x4" BRACES AND 2"x4" STAKES.
6. WEATHERPROOF BREAKER PANEL; ONE (1) 240, 30 AMP CIRCUIT, TWO (2) 15 OR 20 AMP, 120 VOLT CIRCUITS; GROUND FAULT CIRCUIT INTERRUPTER REQUIRED.
7. TWO (2) 120 VOLT GROUNDING-TYPE PLUGS AND ONE (1) 240 POLARIZED PLUG-ALL THREE TO BE WEATHERPROOF OR IN WEATHERPROOF METAL BOX.
8. SERVICE GROUNDING FROM THE GROUND ROD TO THE METER SOCKET SHALL BE A MINIMUM #6 COPPER WIRE OR EQUIVALENT.
9. NOT MORE THAN 100 FEET (100') FROM EXISTING SECONDARY SERVICE.
10. WHENEVER POSSIBLE, POSITION METER TO FACE THE ROAD OR DRIVEWAY.

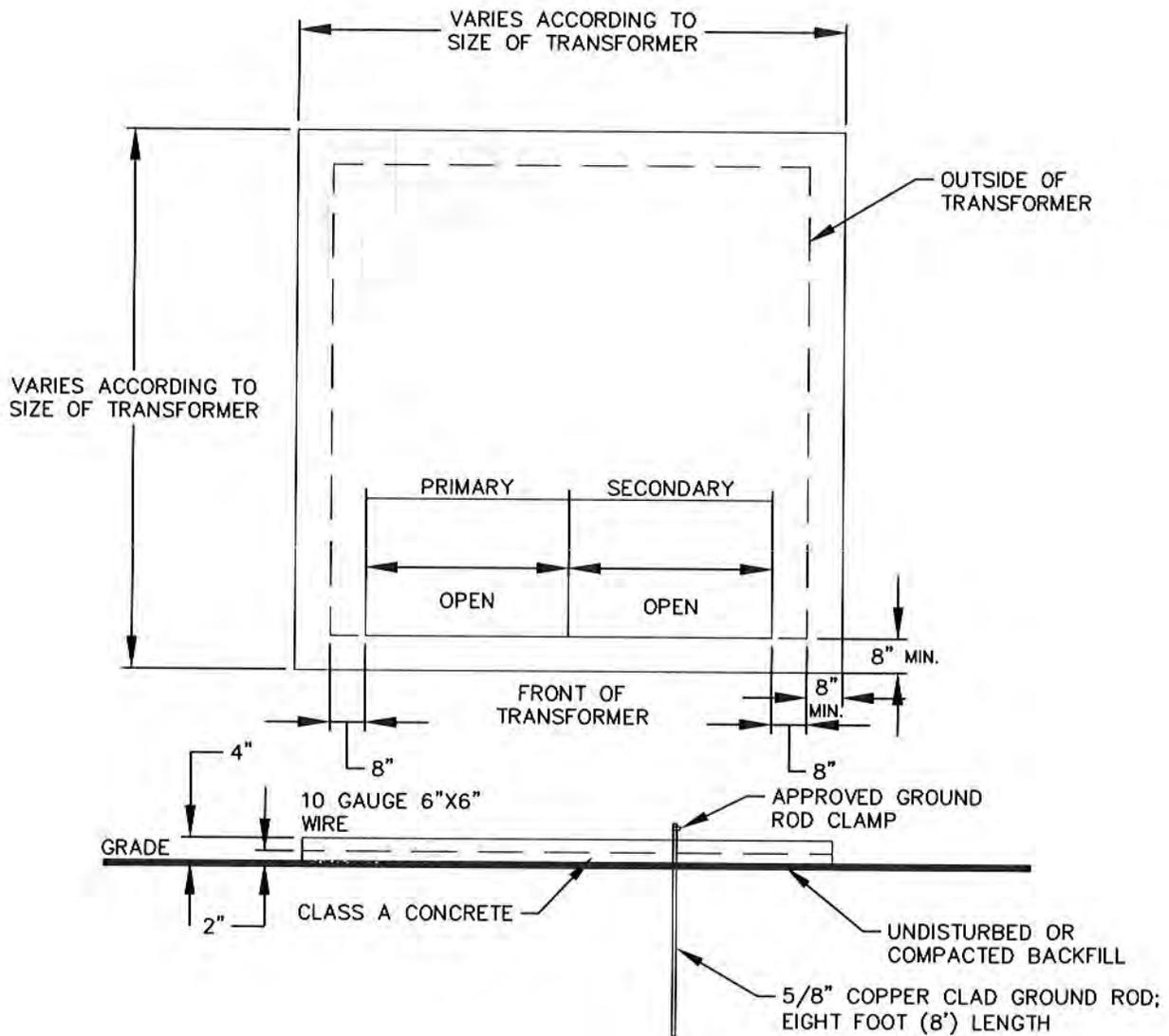
THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:	APRIL 1987		
REV	DATE	BY	
1	OCT 2017		

TITLE:
UNDERGROUND SERVICE TEMPORARY METER LOOP

SCALE: NTS

DRAWING No. E - 11



NOTES

1. 100 KVA OR SMALLER WIRE MESH IS ACCEPTABLE. LARGER THAN 100 KVA REQUIRES #3 REBAR AT 12" O.C., E.W.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:	APRIL 1987	
REV	DATE	BY
1	OCT 2017	

TITLE:

TYPICAL TRANSFORMER PAD

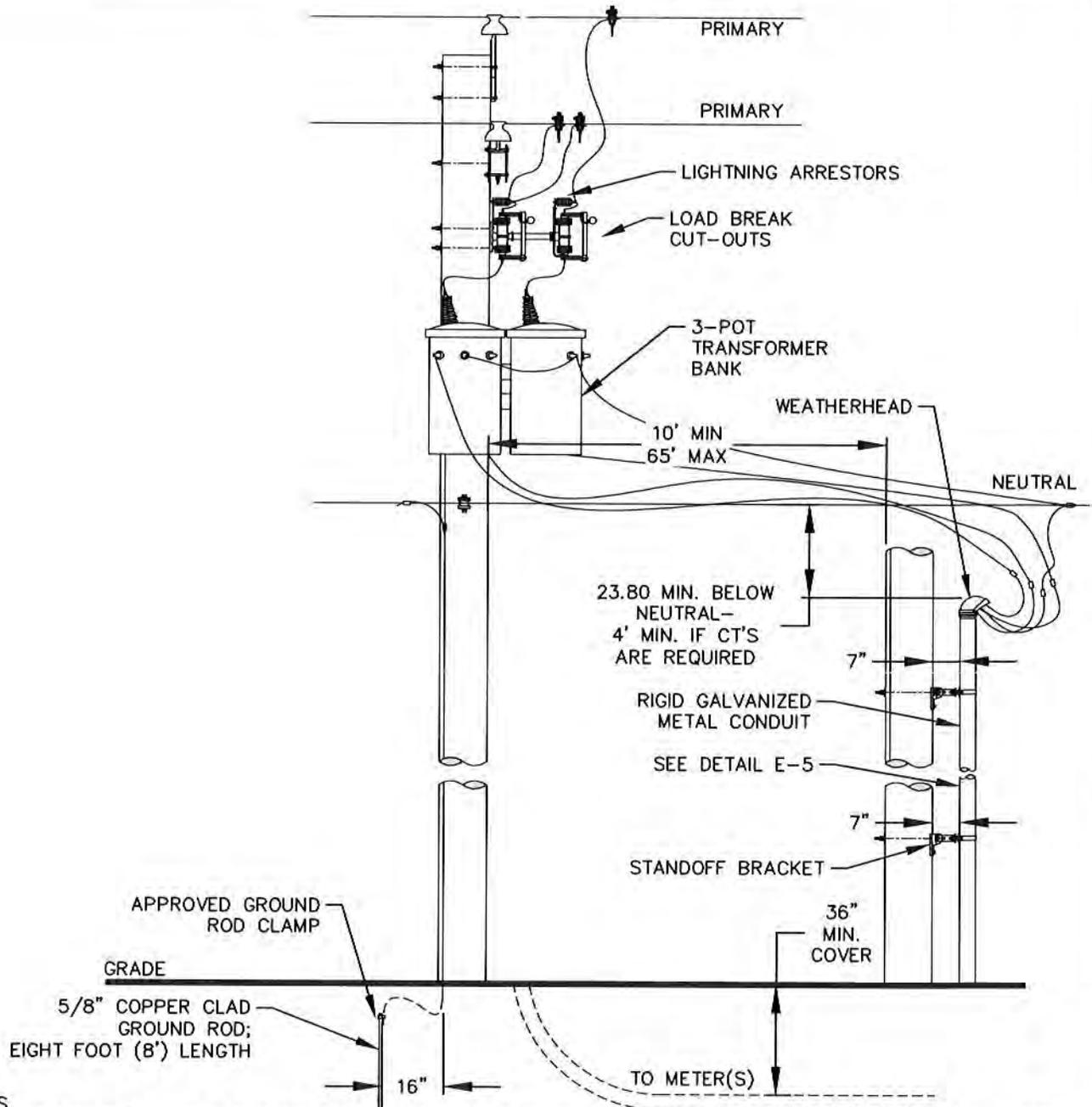
SCALE:

NTS

DRAWING No.

E - 12

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NOTES

1. IF TRANSFORMERS ARE NOT LOCATED ON THE SAME POLE, POSITION WEATHERHEAD A MINIMUM OF TWO FEET (2') BELOW TOP OF POLE.
2. TWENTY FOOT (20') MINIMUM TAILS FROM RISER WEATHERHEAD.
3. STANDOFF BRACKETS REQUIRED APPROXIMATELY EVERY TEN (10') FEET ALONG RISER.
4. NO METERS, CONDUITS, RISERS OR DISCONNECTS ARE ALLOWED ON CITY RISER POLE, UNLESS APPROVED BY CITY.
5. NO MORE THAN ONE (1) INSTALLATION OF THIS TYPE ON ONE POLE UNLESS APPROVED BY CITY.
6. MINIMUM 36" COVER FROM GRADE TO TOP OF CONDUIT.
7. IF NECESSARY, CONTRACTOR WILL FURNISH CT'S AND PT'S AND WILL BE INSTALLED BY CITY ELECTRIC DEPARTMENT.

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD

DATE ISSUED:		APRIL 1987	
REV	DATE	BY	
1	OCT 2017		
2	JAN 2020	JAD	

TITLE:	
OVERHEAD PRIMARY TO UNDERGROUND THREE PHASE SECONDARY RISER	
SCALE:	DRAWING No.
NTS	E - 13

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LIST OF BOARD/COMMISSION VACANCIES

Updated: January 9, 2020

Board Name	Reappointments/Vacancies	Council member
Board of Adjustment	One Alternate position	Any Councilmember
Planning & Zoning Commission	Christina Black – verbal resignation	Westmoreland

APPLICATIONS RECEIVED TO BE ON A BOARD/COMMISSION

APPLICANT	BOARD REQUESTED	DATE RECEIVED	RESIDENCE DISTRICT

No new applications since August 2018

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<p>The following are NOTES regarding appointments to several boards that have certain criteria that should be met, such as qualifications or number to serve on the board. Boards that are not listed below have a seven member board and are open to any citizen without qualifications.</p>	
<p>NOTES: AIRPORT ADVISORY BOARD</p>	<p>Sec. 4-26. Membership; appointments. The Lockhart Airport Advisory Board shall be composed of seven members to be appointed in accordance with section 2-210. At least five members must currently be or have been flight rated, and two members may be appointed as at-large members. Members shall serve three-year terms, such terms coinciding with the council position making the appointment.</p> <p>Sec. 4-28. Eligibility for board membership. No person having a financial interest in any commercial carrier by air, or in any concession, right or privilege to conduct any business or render any service for compensation upon the premises of the Lockhart Municipal Airport shall be eligible for membership on the Lockhart Airport Advisory Board.</p> <p>Sec. 4-32. Limitations of authority. The Lockhart Municipal Airport Advisory Board shall not have authority to incur or create any debt in connection with airport operations; nor shall the board be empowered to enter into any contract, leases, or other legal obligations binding upon the City of Lockhart; nor shall the board have authority to hire airport personnel or direct airport personnel in the execution of their duties.</p>
<p>NOTES: CONSTRUCTION BOARD APPOINTMENTS</p>	<p><i>Section B101.4, Board Decision, is amended to read as follows:</i> The construction board of adjustments and appeals shall have the power, as further defined in Appendix B, to hear appeals of decisions and interpretations of the building official and consider variances of the technical codes; and to conduct hearings on determinations of the building official regarding unsafe or dangerous buildings, structures and/or service systems, and to issue orders in accordance with the procedures beginning with section 12-442 of this Code [of Ordinances].</p> <p><i>Section B101.2, Membership of Board, is amended to read as follows:</i> Each District Council member and the Mayor shall appoint one member to the Construction Board of Appeals making it a five (5) member board and each Councilmember at Large shall appoint an alternate. The term of office of the board members shall be three (3) years, such terms coinciding with the council position making the appointment. The two (2) alternates shall also serve the term coinciding with the council position making the appointments. Vacancies shall be filled for an unexpired term in the manner in which the original appointments are required to be made. Board members shall consist of members who are qualified by experience and/or training to pass on matters pertaining to building construction and are not employees of the City of Lockhart.</p>
<p>NOTES: ELECTRIC BOARD APPOINTMENTS</p>	<p>Sec. 12-132. Members. (a) Appointments to the examining and supervisory board of electricians and appeals shall conform to section 2-210 except that the board shall consist of five persons with one being appointed by each district council member and one by the mayor. Each member shall serve three-year terms with such terms to coincide with the council position making the appointment. (b) Each board member shall reside within the county and such board shall include one member who shall be a building contractor; one layman; two members shall be master electricians who are currently licensed by the city; and one member shall be either a building contractor or master electrician licensed by the city. There shall be two ex-officio members, one who shall be the city electrical inspector, and one shall be the fire marshal.</p> <p>Sec. 12-133. Officers and quorum. The members of the examining and supervising board of electricians and appeals shall select a chairman and secretary. A quorum shall consist of three members.</p>
<p>NOTES: HISTORIC PRESERVATION COMMISSION</p>	<p>Sec. 28-3. Historical preservation commission. (b) The commission shall consist of seven members, appointed by the city council in accordance with section 2-210, who shall whenever possible meet one or more of the following qualities: (1) A registered architect, planner or representative of a design profession, (2) A registered professional engineer in the State of Texas, (3) A member of a nonprofit historical organization of Caldwell County, (4) A local licensed real estate broker or member of the financial community, (5) An owner of an historic landmark residential building, (6) An owner or tenant of a business property that is an historic landmark or in an historic district, (7) A member of the Caldwell County Historical Commission.</p>
<p>NOTES: PARKS ADVISORY BOARD</p>	<p>Sec. 40-133. Members. (a) The board shall consist of seven members appointed in accordance with section 2-210 to serve three years terms, such terms to coincide with the council position making the appointment and two alternates shall also be appointed by the mayor and mayor pro-tem, one each. The two alternates shall also serve the term coinciding with the council position making the appointments. Vacancies shall be filled for an unexpired term in the manner in which the original appointments are required to be made. (Ordinance 06-08, adopted February 7, 2006)</p>

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<p>NOTES: Lockhart Economic Dev Corp</p>	<p>LEDC Bylaws – Article II. Board of Directors Section 1. Powers, Number and Term of Office a. The property and affairs of the Corporation shall be managed and controlled by a Board of Directors (The “Board”) under the guidance and direction of the Lockhart City Council and, subject to the restrictions imposed by law, by the Articles of Incorporation, and by these Bylaws the Board shall exercise all of the powers of the Corporation. b. The Board shall consist of seven directors, each of whom shall be appointed by the City Council of the City. Each director shall occupy a place (individually the “Place” and collectively, the “Places”) as designated herein. Places 1-4 are designated for Councilmember Directors from Councilmember Districts 1 through 4 respectively. In the event that a particular Councilmember from said District is unable or unwilling to serve in the capacity as a Director, that Councilmember shall have the right to nominate a non-councilmember for approval and appointment. Places 5-7 are designated for Citizen Member Directors. c. The directors constituting the first Board shall be those directors named in the Articles of Incorporation. Successor directors shall have the qualifications, shall be of the classes of directors, and shall be appointed to the terms set forth in the Articles of Incorporation. d. Any director may be removed from office by the City Council at will.</p>
<p>NOTES: ORDINANCE RE: ALL BOARD, COMMISSION APPOINTMENTS</p>	<p>Sec. 2-209. - Rules for appointment. The city council hereby sets the following rules: (1) Except as may be established by existing city ordinances/resolutions the process for selecting members shall be open to all Lockhart citizens, who must apply for appointment, to include those applying for reappointment. Reappointment shall not be deemed automatic. (2) Council shall seek to appoint the most qualified or best persons available, while also respecting the need for diverse community opinions. (3) No member of any appointed body shall serve on more than one quasi-judicial or advisory board or commission. (4) No appointed body shall deviate from its charge, deliberate items not on its agendas, or speak for the council or City of Lockhart without council authorization. (5) Subject to other qualifications as specifically required for membership on the below boards and commissions, the city council shall have the right (but not the duty) to appoint up to two members who are not Lockhart citizens but who are residents of Caldwell County to the Lockhart Airport Advisory Board, the Eugene Clark Library Board, and the construction board of appeals. Section 2-210. Method of selection; number of members; terms. (a) The mayor and city councilmembers shall nominate individuals to serve on boards and commissions. Each nomination shall then be confirmed by a simple majority of the entire city council. (b) Except as provided herein, there shall be seven members appointed to each board or commission corresponding with the seven members or places of the city council. Each city councilmember, except as provided herein, shall nominate a qualified person to serve in a place on an appointed body corresponding to their place on the council. At-large councilmembers shall be designated as places 5 and 6, and the mayor’s position as place 7, for the purpose of this section. Nominations shall be made to fill vacant positions and/or positions whose terms have expired within 90 days of the event, such as a resignation or an election. Should any city councilmember fail to name an appointee to one of his/her corresponding places on any body within the above described 90 days, another councilmember shall then have the privilege to nominate a person to fill that same position, as described in subsection (a). However, once that position becomes vacant again for any reason, the appointment shall revert to the place corresponding with the original city council seat/place number for nominations. (c) Beginning with the election in May, 1998, the council shall nominate and confirm four members to serve in places 1, 2, 5, 6 on each board and commission in accordance with subsections (a) and (b) above, and with the standards set in Ordinance Number 97-09, Governance Policies. With the election of May, 1999, the remaining three places shall be filled following the same procedure as above. (d) Terms of service on appointed bodies shall be the same three-year terms as the councilmember who nominates a person to serve. However, a person may be appointed to complete the unexpired term of a vacant position, due to a resignation, for example. (e) When a person has completed a term, or terms, of service and will be vacating a place, that person may continue to serve until a replacement is nominated and confirmed by the city council. (f) At the discretion of the majority of the city council, one Caldwell County resident who is also an owner of real property within any local historic district may be appointed as a full member to the historical preservation commission. (g) Exceptions to the above regulations shall be all volunteer/special purpose/ad hoc committees appointed from time to time by the city council and the zoning board of adjustments, whose members shall serve two-year terms in accordance with V.T.C.A., Local Government Code § 211.008. All other provisions of this section, and ordinance number 97-09 which do not conflict with the chapters establishing these bodies shall be applicable. Sec. 2-212. Removal and resignation of members. (a) All board, commission and committee members serve at the pleasure of the city council and may be removed from office with or without cause at the discretion of the city council. (b) Board, commission and committee members may resign from office at any time by filing a written resignation, dated and signed by the member, with the City Secretary. Such resignation shall take effect upon receipt by the City Secretary without further action by the city council. If the city council appoints a new member to replace the resigned member, the new member shall be appointed to serve out the remainder of the resigned member’s term.</p>

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<p>NOTES: PARKS MASTER PLAN STEERING COMMITTEE (Est. 09/05/2017)</p>	<p>Committee to have 8-10 members as follows:</p> <ul style="list-style-type: none"> • Councilmembers • City staff • Two Parks Advisory Board members • Business owners • Civic Organization members <p>Committee will assist Burditt Consultants to perform tasks outlined in the Parks Master Plan.</p>
<p>NOTES: AD-HOC COMMITTEE – ST. PAUL UNITED CHURCH OF CHRIST PROPERTY (Est. 09/05/2017)</p>	<p>Committee will consist of at least one appointment from Mayor and each Councilmember.</p> <p>The Committee will make recommendations to the Council about the use of the property at 728 S. Main.</p>
<p>NOTES: WAYFINDING SIGNAGE AND COMMUNITY BRANDING AD-HOC (Est. 01/02/2018)</p>	<p>Committee will assist City Planner/Development Services with wayfinding signage and community branding tasks.</p> <p>Committee will consist of up to five members appointed by the Council.</p> <p>NOTE: First Branding and Wayfinding Committee disbanded/dissolved on December 18, 2018.</p> <p>UPDATE: Second Branding and Wayfinding Committee appointed on March 5, 2019.</p>

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NOTES:
HOTEL
OCCUPANCY
TAX ADVISORY
BOARD
(Est. 12-3-
2019)

Sec. 54-127 MEMBERSHIP AND MEETING FREQUENCY

- a. The HOT Advisory Board should consist of five (5) members.
- b. Members shall consist of the following, the appointment of whom shall be confirmed by the City Council
 - i. A lodging facility representative;
 - ii. The City Manager or his/her designee;
 - iii. A former member of the City Council; and
 - iv. Two citizens nominated by Mayor.
- c. The HOT Advisory Board shall meet at least quarterly for allocation of funds and post-event reviews.
- d. Three Board members shall constitute a quorum.
- e. Each Board member shall serve a term of two years.
- f. Vacancies on the Board shall be filled by appointment by the City Council for the remainder of the existing term.

Sec. 54-128 PURPOSE AND RESPONSIBILITY

- a. The legislative functions of the city council shall in no way be delegated to the HOT Advisory Board. The HOT Advisory Board shall be considered a special purpose advisory committee.
- b. The purposes and responsibility of the HOT Advisory Board shall be:
 - i. To receive, review, and evaluate applications from organizations requesting HOT funds;
 - ii. To recommend allocation of HOT funds (as authorized by the Texas Tax Code, Chapter 351) to the City Council;
 - iii. To review the actual expenditures of HOT Funds;
 - iv. To offer suggestions for improvements or changes to the use or administration of HOT funds; and
 - v. To submit an annual report to the City Council that identifies approved expenditures by the City for the preceding year, reviews such approved expenditures in the context of compliance with state laws regarding the use of HOT funds, and evaluates the effectiveness of the approved HOT expenditures and the program.

Sec. 54-129 HOT FUND GRANT PROCESS AND POST-EVENT REPORTING

- a. Applications for funding will be considered at each meeting. Completed applications must be received ten (10) days prior to a meeting of the Board at which it will be reviewed.
- b. Applicants will be notified of the award of funds following approval by the City Council of the award, at which time one-half of approved funding will be awarded.
- c. The Board shall produce guidelines for approved applicants regarding a post-event report from each such applicant that demonstrates qualified expenditures
- d. A post-event report from each approved applicant is required in order for the applicant to receive final payment.

Sec. 54-130 HOT FUND GRANT PROCESS GUIDELINES.

In considering the grant of HOT Funds, the Board and City Council shall:

- i. Ensure that each funding requests for HOT revenues is for one or more statutorily defined purpose;
- ii. Establish and implement a policy of properly utilizing 100% of available HOT funds each year;
- iii. Consider whether funding should be based on a formula for pre-determined activities consistent with authorized uses (e.g. advertising, arts, signage, historical restoration/preservation);
- iv. Consider funding approaches that will allow for equitable funding
- v. opportunities for new as well as established events and activities; and
- vi. Consider eligibility criteria beyond the Tax Code requirements (e.g. limiting grants to 25% of the total event budget or disallowing/limiting use of HOT funds for events' programs that occur on a regular (e.g. monthly) basis.

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COUNCILMEMBER BOARD/COMMISSION APPOINTMENTS

Councilmember	Board/Commission	Appointee	Date Appointed
Mayor – Lew White	Airport Board	John Hinnekamp	12/19/17
	Board of Adjustment	Mike Annas	12/19/17
	Construction Board	Raymond DeLeon	06/04/19
	Ec Dev. Revolving Loan	Barbara Gilmer	12/19/17
	Ec Dev. Corp. ½ Cent Sales Tax	Alan Fielder, Vice-Chair	12/19/17
	Electric Board	Joe Colley, Chair	12/19/17
	Historical Preservation	John Lairsen	12/19/17
	Library Board	Stephanie Riggins	12/19/17
	Parks and Recreation	Albert Villalpando, Chair	12/19/17
	Planning & Zoning	Paul Rodriguez	12/19/17
	ETJ Rep-Impact Fee Adv Comm	Larry Metzler	12/19/17
District 1 – Juan Mendoza	Airport Board	Larry Burrier	03/07/17
	Board of Adjustment	Lori Rangel	03/07/17
	Construction Board	Mike Votee	12/17/19
	Eco Dev. Revolving Loan	Ryan Lozano	03/07/17
	Eco Dev. Corp. ½ Cent Sales Tax	Dyral Thomas	12/17/19
	Electric Board	Frank Gomillion	12/17/19
	Historical Preservation	Victor Corpus	03/07/17
	Library Board	Shirley Williams	12/17/19
	Parks and Recreation	Linda Thompson-Bennett	03/07/17
	Planning & Zoning	Chris St. Leger	12/17/19 CM McGregor on behalf of Councilman Mendoza
District 2– David Bryant (Members appointed prior to Nov 14, 2019 were made by John Castillo)	Airport Board	Reed Coats	03/07/17
	Board of Adjustment	Juan Juarez	03/07/17
	Construction Board	Oscar Torres	05/15/18
	EcoDev. Revolving Loan	Rudy Ruiz	03/07/17
	Eco Dev. Corp. ½ Cent Sales Tax	Umesh Patel	08/09/18
	Electric Board	James Briceno	03/07/17
	Historical Preservation	Ron Faulstich	03/07/17
	Library Board	Quartermetra Hughes	06/04/19
	Parks and Recreation	James Torres	03/07/17
		Rob Ortiz, Alternate	03/07/17
	Planning & Zoning	Manuel Oliva	03/07/17

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COUNCILMEMBER BOARD/COMMISSION APPOINTMENTS

District 3 – Kara McGregor	Airport Board Board of Adjustment Construction Board Eco Dev. Revolving Loan Eco Dev. Corp. ½ Cent Sales Tax Electric Board Historical Preservation Library Board Parks and Recreation Planning & Zoning	Ray Chandler Anne Clark, Vice-Chair Kirk Smith (Alternate) Jerry West, Vice-Chair Lew White, Chair Sally Daniel John Voigt Ronda Reagan Jean Clark Fox, Chair Warren Burnett Philip McBride, Chair	02/06/18 12/19/17 12/05/17 01/02/18 12/19/17 06/18/19 09/03/19 12/19/17 12/19/17 12/05/17 12/19/17
District 4 - Jeffry Michelson	Airport Board Board of Adjustment Construction Board Eco Dev. Revolving Loan Eco Dev. Corp. ½ Cent Sales Tax Electric Board Historical Preservation Library Board Parks and Recreation Planning & Zoning	Mark Brown, Vice-Chair Wayne Reeder Rick Winnett Frank Coggins Morris Alexander Ian Stowe Kathy McCormick Donaly Brice Russell Wheeler Rick Arnic	03/07/17 12/05/17 12/05/17 12/05/17 12/05/17 03/06/18 12/05/17 12/05/17 12/05/17 01/15/19
Mayor Pro-Tem (At-Large) – Angie Gonzales-Sanchez	Airport Board Board of Adjustment Construction Board Eco Dev. Revolving Loan Eco Dev. Corp. ½ Cent Sales Tax Historical Preservation Library Board Parks and Recreation Planning & Zoning	Andrew Reyes Laura Cline, Chair Paul Martinez Irene Yanez Alfredo Munoz Juan Alvarez, Jr. Jodi King Chris Schexnayder Philip Ruiz, Vice-Chair	01/07/20 01/07/20 01/07/20 01/07/20 01/07/20 03/07/17 01/07/20 03/07/17 01/07/20

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COUNCILMEMBER BOARD/COMMISSION APPOINTMENTS

At-Large - Brad Westmoreland	Airport Board Board of Adjustment Construction Board (Alternate) Eco Dev. Revolving Loan Eco Dev. Corp. ½ Cent Sales Tax Historical Preservation Library Board Parks and Recreation Planning & Zoning	Jayson "Tex" Cordova Severo Castillo Gary Shafer Edward Strayer Frank Estrada Richard Thomson Rebecca Lockhart Dennis Placke VACANT-Black resigned 1-7-20	03/07/17 03/07/17 03/07/17 03/07/17 03/07/17 11/21/17 03/07/17 03/07/17
	Charter Review Commission (Five member commission) Term – 24 months after appointment	Ray Sanders Bill Hernandez Roland Velvin Elizabeth Raxter Alan Fielder	03/01/16 – Michelson 03/01/16 – Michelson 03/01/16 – Michelson 03/01/16 – Hilburn 03/15/16 – Hilburn
	Sign Review Committee (no longer meeting)	Gabe Medina Neto Madrigal Terry Black Kenneth Sneed Johnny Barron, Jr. Tim Clark	03/17/15 - Mayor Pro-Tem Sanchez 04/21/15 – Councilmember Mendoza 12/19/17– Councilmember McGregor 03/17/15 – Mayor White 03/17/15 – Councilmember Castillo 03/17/15– Councilmember Michelson
	Parks Master Plan Steering Committee (8-10 members)	Albert Villalapando Dennis Placke Nita McBride Rebecca Pulliam Bernie Rangel Derrick David Bryant Beverly Anderson Carl Ohlendorf Beverly Hill	09/05/17 – Parks Bd appointee 09/05/17 – Parks Bd appointee 12/05/17– McGregor 09/19/17– Michelson 09/19/17 – Castillo 09/19/17 - Sanchez 09/19/17 - Mendoza 09/19/17 – Westmoreland 09/19/17 – Mayor White

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COUNCILMEMBER BOARD/COMMISSION APPOINTMENTS

	Church Property Ad-hoc Committee (7 members)	Amelia Smith Jackie Westmoreland Todd Blomerth Andy Govea Terry Black Jane Brown Raymond DeLeon Dyrall Thomas	09/05/17 – Westmoreland 09/05/17 – Westmoreland 09/05/17 – Mayor White 09/1917 – Sanchez 12/19/17 – McGregor 09/19/17 – Michelson 09/20/17 – Castillo 09/22/17 – Mendoza
	Wayfinding Signage and Community Branding Ad-Hoc Committee (5 members) THIS COMMITTEE WAS - RE-ESTABLISHED ON MARCH 5, 2019	Roy Watson Ronda Reagan Sally Daniel Rob Ortiz Bobby Herzog	03/05/19 03/05/19 03/05/19 03/05/19 03/05/19 Appointed by Mayor with consensus of Council
	HOT Advisory Bd	Ray Sanders Alfredo Munoz Archana “Archie” Gandhi Janet Grigar Steve Lewis and Pam Larison Sally Daniel (Alternate) Roxanne Rix (Alternate)	All members appointed by consensus of the Council on 12/03/2019

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**City of Lockhart 2019 Board of Adjustment
 Attendance for a 12-Month Period**

	Chair Cline	Vice-Chair Clark	Annas	Castillo	Reeder	Rangel	Juarez	Smith Alternate
Meeting Date:								
January 7, 2019 - No Meeting								
February 4, 2019	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
March 4, 2019	<i>Absent</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Present</i>
April 1, 2019 - No Meeting								
May 6, 2019 - No Meeting								
June 3, 2019 - No Meeting								
July 1, 2019 - No Meeting								
8/5/2019 - No Meeting								
9/9/2019 - No Meeting								
October 7, 2019	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Present</i>	<i>Present</i>
November 4, 2019 - No Meeting								
December 2, 2019	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>

Number of meetings:	4	4	4	4	4	4	4	4
Present:	3	4	4	4	4	3	3	4
% Absent:	75%	100%	100%	100%	100%	75%	75%	100%

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CITY OF
Lockhart
TEXAS

CITY OF LOCKHART
CONSTRUCTION BOARD OF APPEALS
BOARD ATTENDANCE REPORT - 2019
APPOINTING COUNCIL MEMBER

	JERRY WEST (12/03/2013) CHAIR (01/05/2017)	RALPH GERALD (01/17/2012)	RAYMOND DELEON (6/4/2019)	RICK WINNETT, JR. (04/19/2016) VICE CHAIR (01/05/2017)	GARY SHAFER (08/18/2015)	MICHAEL VOETEE (10/4/2016)	PAUL MARTINEZ (03/07/2017)	OSCAR TORRES (05/15/2017)	
Member Title:	County Resident				Alternate				
Meeting Date:									
January 3, 2019	NO MTG	NO MTG	NEWLY APPOINTED TO BOARD PACKET FOR 06/06/19 MEETING SENT OUT PRIOR THEREFOR MEMBER WAS NOT INCLUDED IN THIS	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	
January 17, 2019	NO MTG	NO MTG		NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	
February 7, 2019	NO MTG	NO MTG		NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	
February 21, 2019	P	P		P	P	P	P	A	
March 7, 2019	NO MTG	NO MTG		NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	
March 21, 2019	P	RESIGNED 03/11/19		A	P	P	A	A	
April 4, 2019	NO MTG			NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
April 18, 2019	NO MTG			NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
May 2, 2019	NO MTG			NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
May 16, 2019	NO MTG			NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
June 6, 2019	P			NO MTG	P	A	A	P	A
June 20, 2019	NO MTG			NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
July 4, 2019	NO MTG			NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
July 18, 2019	P			P	P	P	P	P	P
August 1, 2019	NO MTG			NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
August 15, 2019	NO MTG			NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
September 5, 2019	NO MTG			NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
September 19, 2019	NO MTG			NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
October 3, 2019	P			P	P	A	P	A	A
October 17, 2019	NO MTG			NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
November 7, 2019	NO MTG		NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	
November 21, 2019	NO MTG		NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	
December 5, 2019	NO MTG		NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	
December 19, 2019	NO MTG		NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	
Total # Meetings:	5		1	2	5	5	5	5	5
Present:	5	1	2	4	3	4	3	1	
Absent:	0	0	0	1	2	1	2	4	
Absenteeism %:	0%	0%	0%	20%	40%	20%	40%	80%	
LEGEND:	PRESENT:				P UNEXCUSED ABSENCE:				

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CITY OF LOCKHART
 LOCKHART ECONOMIC DEVELOPMENT CORPORATION
 ATTENDANCE REPORT - 2019
 APPOINTING COUNCIL MEMBER

ANGIE GONZALES-SANCHEZ	BRAD WESTMORELAND	KARA MCGREGOR	JUAN MENDOZA	JOHN CASTILLO	MAYOR WHITE	JEFFRY MICHELSON
Alfredo Munoz	Frank Estrada	Sally Daniel	Dyral Thomas	Umesh Patel	Alan Fielder	Morris Alexander

Meeting Date:	Appt. - July 2019	Appt. - July 2019	Appt - June 2019	Appt. - July 2019	Appt. -August 2018	Appt. - July 2019	Appt. - July 2019
January - No Meeting							
February 11, 2019	P	P	P	P	P	P	P
March 11, 2019	P	P	P	P	P	P	P
April 8, 2019	P	P	P	P	P	P	P
May - No Meeting			Nic Irwin resigned 5-21-2019				
June 10, 2019	P	A	Sally Daniel was appointed 6-19-2019	P	P	P	P
July 8, 2019	P	P	P	P	P	P	P
August 15, 2019	P	P	P	P	A	P	P
September 9, 2019	P	P	P	A	P	P	A
October 7, 2019	P	A	P	P	P	P	P
November 5, 2019	P	P	P	P	A	P	P
No Meeting							

LEGEND:	PRESENT:	P	UNEXCUSED ABSENCE:	U
	EXCUSED ABSENCE:	A	NO MEETING HELD:	No Meeting
			APPOINTMENT MODIFICATION:	

COMMENTS:	
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**CITY OF LOCKHART
ELECTRIC BOARD OF APPEALS
BOARD ATTENDANCE REPORT - 2019
APPOINTING COUNCIL MEMBER**

	Joe Colley (06/17/2008)	Ian Stowe (03/06/2018)	Frank Gomillion (07/02/2019)	Thomas Herrera (07/17/2012)	John Voigt (09/03/19)	Tom Stephens (12/03/2013)	James Briceno (05/03/2011)
	Chair						
Meeting Date:							
January 3, 2019	NO MTG	NO MTG	NEWLY APPOINTED IN JULY	NO MTG		NO MTG	NO MTG
January 17, 2019	NO MTG	NO MTG		NO MTG		NO MTG	
February 7, 2019	NO MTG	NO MTG		NO MTG		NO MTG	
February 21, 2019	NO MTG	NO MTG		NO MTG		NO MTG	
March 7, 2019	P	P		A		P	P
March 21, 2019	NO MTG	NO MTG		NO MTG		NO MTG	NO MTG
April 4, 2019	NO MTG	NO MTG		NO MTG		NO MTG	NO MTG
April 18, 2019	NO MTG	NO MTG		NO MTG		NO MTG	NO MTG
May 2, 2019	NO MTG	NO MTG		NO MTG		NO MTG	NO MTG
May 16, 2019	NO MTG	NO MTG		NO MTG		NO MTG	NO MTG
June 6, 2019	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG		
June 20, 2019	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG		
June 27, 2019	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG		
July 4, 2019	NO MTG	NO MTG	NO MTG	VERBALLY RESIGNED TO SHANE (03/07/2019)	NEWLY APPOINTED IN SEPTEMBER	NO MTG	NO MTG
July 11, 2019	P	P	A			P	
August 1, 2019	NO MTG	NO MTG	NO MTG			NO MTG	
August 15, 2019	NO MTG	NO MTG	NO MTG			NO MTG	
September 5, 2019	NO MTG	NO MTG	NO MTG			NO MTG	
September 19, 2019	NO MTG	NO MTG	NO MTG			NO MTG	
October 3, 2019	NO MTG	NO MTG	NO MTG			NO MTG	
October 17, 2019	NO MTG	NO MTG	NO MTG			NO MTG	
November 7, 2019	NO MTG	NO MTG	NO MTG			NO MTG	
November 21, 2019	NO MTG	NO MTG	NO MTG			NO MTG	
December 5, 2019	NO MTG	NO MTG	NO MTG	NO MTG			
December 19, 2019	NO MTG	NO MTG	NO MTG	NO MTG			
Total # Meetings:	2	2	1	1	0	1	2

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**City of Lockhart 2019 -LHPC
Attendance for a 12-Month Period**

	CORPUS	LAIRSEN	ALVAREZ	FAULSTICH	REAGAN	THOMSON	McCORMICK
Meeting Date:		CHAIR			VICE-CHAIR		
January 2, 2019	A	P	P	P	P	P	A
January 16, 2019	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
February 6, 2019	A	A	P	A	P	P	P
February 20, 2019	A	P	A	P	P	P	P
March 6, 2019	A	P	A	A	P	P	P
March 20, 2019	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
April 3, 2019	A	P	A	P	A	P	P
April 17, 2019	A	P	P	P	P	P	P
May 1, 2019	A	P	A	P	P	P	P
May 15, 2019	A	P	P	P	P	P	P
June 5, 2019	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
June 19, 2019	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
July 2, 2019	A	P	P	A	P	P	P
July 17, 2019	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
August 7, 2019	A	P	A	P	P	P	P
August 21, 2019	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
September 4, 2019	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
September 18, 2019	A	P	A	A	P	P	P
October 2, 2019	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
October 16, 2019	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
November 6, 2019	A	P	P	P	P	P	P
November 20, 2019	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
December 4, 2019	A	P	P	P	A	P	P
December 18, 2019	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG	NO MTG
Number of meetings:	13	13	13	13	13	13	13
Present:	0	12	7	9	11	13	12
Absent:	13	1	6	4	2	0	1
% Absent:	100%	8%	46%	31%	15%	0%	8%

MEETINGS HELD THE 1ST & 3RD WEDNESDAY OF THE MONTH @ 5:30PM

201

**CITY OF LOCKHART
Library Advisory Board
ATTENDANCE REPORT - 2019
APPOINTING COUNCIL MEMBER**



Angie Gonales Sanchez	Brad Westmoreland	Mayor White	Juan Mendoza	John Castillo	Kara McGregor	Jeffry Michelson
Jody King (01/04/13)	Rebecca Lockhart (11/19/13)	Stephanie Wilson Riffin (06-17-2011)	Shirley Williams (06-15-2007)	Quartermetra Hughes (06/04/2019)	Jeannie Fox (12-03-2013)	Donaly Brice (7-05-2008)

January	NO MEETING					
February 13, 2019	P	P	P	P	P	P
March	NO MEETING					
April	NO MEETING					
May 20, 2019	P	P	P	P	P	P
June	NO MEETING					
July	NO MEETING					
August	NO MEETING					
September	NO MEETING					
October	NO MEETING					
November	NO MEETING					
December	NO MEETING					

LEGEND:	PRESENT:					

COMMENTS:	PRESENT:	P	UNEXCUSED ABSENCE:	U
	EXCUSED ABSENCE:	E	NO MEETING HELD:	

202

**CITY OF LOCKHART
PARKS & RECREATION ADVISORY BOARD**

APPOINTING COUNCIL MEMBER

CITY OF
Lockhart
TEXAS

	BRAD WESTMORELA	KARA MCGREGOR	JUAN MENDOZA	JOHN CASTILLO	LEW WHITE	JEFFRY MICHELSON	ALTERNATE (Mayor Pro-Tem)
ANGIE SANCHEZ							
Chris Schexnayder (06/07/16)	Dennis Placke (11/03/15)	Warren Burnett (12/04/12)	Linda Thompson-Bennett (12/07/04)	James Torres (12/18/07)	Albert Villalpando (09/05/06)	Russell Wheeler (01/20/15)	Rob Ortiz (05/06/08)

Meeting Date:							
Januray 24 2019	No Meeting						
February 28 2019	E	E	P	P	P	P	E P
March 28 2019	E	P	P	E	E	E	P P
April 25 2019	No Meeting						
May 23 2019	No Meeting						
June 27 2019	No Meeting						
July 25 2019	No Meeting						
August 22 2019	No Meeting						
September 26 2019	No Meeting						
October 24 2019	No Meeting						
November 28 2019	No Meeting						
December 26 2019	No Meeting						
LEGEND:	PRESENT:	P	UNEXCUSED ABSENCE:		U		
	EXCUSED ABSENCE:	E	NO MEETING HELD:				
COMMENTS:	* Ordinance 06-08 adopted February 7, 2006 allow two alternate position to be appointed by Mayor and Mayor Pro-Tem						
	* Board meets on the 4th Thursday of each month						

203

**City of Lockhart 2019 Planning and Zoning Commission
 Attendance for a 12-Month Period**

	Ruiz	McBride	Oliva	Black	Rodriguez	Arnic	Villalobos
Meeting Date:							
January 9, 2019	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Present</i>	<i>Not Assigned</i>	<i>Present</i>
January 23, 2019	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
2/13/2019 - No Meeting							
February 27, 2019	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
March 13, 2019 - No Meeting							
March 27, 2019	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>
April 10, 2019	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Present</i>	<i>Present</i>
April 24, 2019	<i>Present</i>	<i>Absent</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Resigned</i>
May 22, 2019	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Absent</i>	<i>Present</i>	<i>Present</i>	
June 12, 2019	<i>Present</i>	<i>Absent</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	
June 26, 2019	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Present</i>	<i>Present</i>	
July 10, 2019	<i>Present</i>	<i>Absent</i>	<i>Present</i>	<i>Absent</i>	<i>Present</i>	<i>Present</i>	
July 24, 2019	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Absent</i>	
August 14, 2019	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Absent</i>	<i>Present</i>	
August 28, 2019	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Present</i>	<i>Present</i>	
September 11, 2019	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Absent</i>	<i>Present</i>	
September 25, 2109	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Present</i>	
October 9, 2019	<i>Present</i>	<i>Absent</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Present</i>	
October 23, 2019	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Present</i>	<i>Present</i>	
November 13, 2019	<i>Present</i>	<i>Present</i>	<i>Present</i>	<i>Absent</i>	<i>Present</i>	<i>Present</i>	
December 11, 2019	<i>No meeting</i>						

Number of meetings:	18	18	18	18	18	17	5
Present:	18	15	17	7	13	14	5
% Absent:	100%	83%	94%	39%	72%	82%	100%

204

CITY OF
Lockhart
TEXAS

**CITY OF LOCKHART
REVOLVING LOAN FUND COMMITTEE
ATTENDANCE REPORT - 2019**

APPOINTING COUNCIL MEMBER

ANGIE GONZALES-SANCHEZ	BRAD WESTMORELAND	KARA MCGREGOR	JUAN MENDOZA, JR.	JOHN CASTILLO	MAYOR WHITE	JEFFRY MICHELSON
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Irene Yanez	Ed Strayer	Mayor Lew White - Chairperson	Ryan Lozano	Rudy Ruiz	Barbara Gilmer	Frank Coggins
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Meeting Date:	Appt - March 2017	Appt - March 2017	Appt - December 2017	Appt - March 2017	Appt - March 2017	Appt - December 2017	Appt - December 2017
January - No Meeting							
February - No Meeting							
March - No Meeting							
April - No Meeting							
May - No Meeting							
June - No Meeting							
July - No Meeting							
August - No Meeting							
September - No Meeting							
October - No Meeting							
November - No Meeting							
December - No Meeting							

LEGEND:

PRESENT:	P	UNEXCUSED ABSENCE:	U
EXCUSED ABSENCE:	E	NO MEETING HELD:	

COMMENTS:

Total Meetings:

% Present:
% Excused:
% Unexcused:
Absenteeism %:

205



City of Lockhart

2019-2020 Strategic Priorities

Prepared by:



City of Lockhart

Summary

On February 1 & 2, 2019 the City of Lockhart hosted two half-day planning sessions to develop goals and strategies for the next 2 years. Some of these goal areas were internal, whereas others were external. The following is the process used to reach the conclusions for the plan.

The process began with a preliminary phone meeting between the facilitator and Steve Lewis, City Manager, to go over key issues facing the City, understand the programs and projects underway through the community, and to prepare the agenda and format for the planning retreat.

The first portion of the strategic planning process began on Friday, February 1, 2019 with the City Manager and the City of Lockhart Management Team. The facilitator began by asking the Management Team participants what their expectations for discussion for the day were. She then took the team through a SWOT (Strengths, Weaknesses, Opportunities, & Threats) Analysis. The next group exercise was a brainstorm called Start/Stop/Continue that lists the things that need to begin happening, stop happening, and are mission-critical and must continue regardless of circumstances.

The facilitator then guided the Management Team through 2019-2020 goal and strategy development to recommend to the City Council the following day.

On Saturday, February 2, 2019, the City Council and City Manager convened to review, revise, and establish priorities related to the recommendations generated the day before by the Management Team. Prior to the review, the facilitator asked the City Council to list their expectations for discussion for the day.

The following are the results.

Management Team Expectations for the Day's Discussion Topics

- That City Council will take what we say seriously
- Consider all staff in decisions
- Hear each other's goals
- Live by the plans we create / develop
- That Council develop goals / priorities based on sound data / research
- Focus
- Consider quality of life as over-arching goal
- Discuss business attraction vs. recruitment
- Being prepared for growth
- Facilities improvements
- Facilities maintenance
- How do we give back to those who need extra help?
- Smart land use practices
- Discuss Tourists/Tourism – what is there for kids to do while in town visiting family?

City Council Expectations for the Day's Discussion Topics

- Capitalize on Tourism
- Discuss Wi-Fi
- Capitalize on BBQ Capital of Texas
- Cleaning up of unsightly properties (residential)
- Work in unity today
- Serve our community
- Focus
- To discuss Economic Development targeting technology jobs
- Industrial Park is full – now what?
- Cleaning up of City properties / facilities
- Actually implement our goals
- Discuss the direction of Economic Development
- Think bigger / think change / embrace change
- Develop our identity
- Attractive gateway signage
- Employee wages
- Technology infrastructure

SWOT Analysis

The facilitator guided the participants through an analysis of their current Strengths, the current Weaknesses or Challenges they are facing, Opportunities that may come their way in the future, and Threats that are possible to occur in the future. Note that there are no right or wrong answers here and no implication of likelihood. This is simply a brainstorm of the opinions of the participants to get them thinking about goals in the next portion. The Management Team listed their responses first, then the City Council added additional items the following day.

Strengths

- Historic district
- County seat
- BBQ Capital of Texas
- Location to highways
- Tourism
- Small town (family-oriented)
- Growing – room for more
- Desire to manage growth
- Good development process
- Proximity to Austin
- Comparable housing prices
- Existing capacity of utilities
- Easy mobility
- Economic Development Sales tax
- Clark Library
- Baker Theatre
- Ease of developing land (flat)
- Employees who experience long tenure
- Volunteers
- CTR (Chisholm Trail Roundup) & other local events
- Community support
- Recognizable court house
- Movies / film production (TFC)
- Long-term water planning
- High-level financial planning
- Competitive building / development fees
- “Real” city with well-managed growth
- New energy
- Proximity to large cities / airport
- New residents – new ideas – changing priorities
- Diversity
- First Friday Downtown Event

Weaknesses / Challenges

- Incentives – Economic Development lack of use
- Technology – aging equipment and software
- Infrastructure
- Facilities – condition / maintenance
- Competitive salaries within region
- Training opportunities
 - Professional development
 - Budget
- Closed minds – have always done it this way
- Tourism
- Managing growth
- Need for succession planning
- Public perception influencing job applicant pool
- Weak tax base
- Limited in-town post-secondary educational opportunities
- Lack of retail
- Lack of entertainment (kids)
- Limited grocery options
- City-owned property
- College
- Venue / convention center
- Lack of hotels
- Entryways to community
- Not using TIF financing
- Emerging downtown organization
- How to effectively support increasing, ever-growing number of festivals
 - Create packages for vendors and festivals
- No city recreation programs
- In-kind services
- Very limited public transportation services
- Outdated web information
- Poor communication with citizens

Opportunities

- Expand airport (hangars)
 - Install AWOS (Automated Weather Observing System)
- Improve working conditions of employees
- Proximity to Austin
- Implement first phase of parks master plan
- SH-130 has great properties but not city-owned property
- Undeveloped lots on Square and north / northwest of Square
- Long-tenured elected leadership
- Increase community involvement
- To develop positive relationship with County, School, and organizations
- Quality economic growth
- Franchise recreational or entertainment venues (theaters, bowling, outlets, concerts, water parks)
- Community college campus
- Increased communication needed with ISD for school planning, infrastructure, etc.
- Expand walking / biking opportunities for exercise and community involvement
- Lockhart Springs (natural spring)
- Lockhart State Park transfer to City
- Potential residential development around golf course
- Development within historic district
- School district growth
- Housing growth
- Business growth
- St. Paul Church and other redevelopment opportunities
- Hospital / medical facilities
- Public bathrooms downtown
- Develop Industrial Park
- More involvement with San Marcos Greater Partnership
- Partnership with Austin Chamber
- EDC \$ will go further today than in 2 years (spec buildings, parking)

Threats

- Economic recession
- Voter turnout
- Government shutdown
- Citizen input
- Natural disaster
- Leadership in government
- Lack of economic development direction
- Competition from other cities
- Lack of resources
- Building maintenance
- Technology – cyber security
- Surging population
- Infrastructure improvement
- Maintaining reputation
- Planning without follow through
- Lack of educated workforce – skilled labor
- Crime
- Lack of workforce – people
- Retention and hiring
- Youth retention
- School quality
- Lack of industry
- Lack of racial unity
- Micro-managing
- Other utilities providers
- Homeless services – transportation
- Types of future growth

Start/Stop/Continue

The facilitator guided the Management Team through an exercise that challenged them to brainstorm things that the City really needed to begin doing, what they should stop doing that could be a waste of resources, and what must they continue doing, regardless of circumstances. Below are their responses. Note that there are no right or wrong items; these are merely individuals' opinions about the things that should and shouldn't change in Lockhart. Just because one person has a certain opinion on a topic, that does not imply anyone else shared that opinion.

Start

- Space allocation study
- Renovate City buildings – construct
- Downtown bathrooms
- Improve salaries – salary survey
- Staff development program / policies / procedures
- Consistency in purchasing
 - Revamp purchasing policy
- Replacing capital equipment / vehicles – vehicle fund
- Mandatory single stream recycling
- IT department, in-house City Engineer
- New technology in terms of equipment, network, server, software
- Re-assess who is in charge of downtown redevelopment
 - Name which entity (or entities) funds downtown redevelopment initiatives
 - Name which entity (or entities) manages downtown redevelopment initiatives
- 2020 Comprehensive Master Plan Update that includes a future land use plan and map

Stop

- In-house utility billing (consider outsourcing)
- Outsourcing IT (consider bringing in-house)
- Repetitive useless paperwork (paperwork/policies must be updated and streamlined)
- Increasing overtime in fire and police (hire more to fix this issue)
- Using outdated equipment
- Hand -picking collections of recycled goods (business pick up)
- Laying asphalt driveway approaches for “free”
- Demolition of condemned houses – stop doing in-house (needs to be outsourced)

Continue

- Meeting with County, City, School, Chamber, EDC
- Implementing 2020 Plan and Updates
- Attracting businesses – growth
- Providing superior service
- Redeveloping Downtown
- Implement Parks Master Plan
- Being a great place to work
- Public investments along SH-130
- Supporting festivals / movie projects
- Financial planning
- Embracing tourism

Goal 1: Economic Development / Planning

Strategies
1. Partner with LISD and local youth organizations to encourage careers in local emergency services (Fire and Police)
2. Reassess who is in charge of managing and funding downtown development and tourism
3. Attract a post-secondary education campus / facility
4. Complete updating our development ordinances
5. Consider development tools to facilitate attraction / recruitment to SH 130 corridor
6. Bring utilities, assist assembling parcels, rezoning tracts along SH 130
a) Shovel ready
b) Pursue prospects
7. Start investing in more property for growth
8. Explore next industrial park
9. HOT (Hotel Occupancy Tax) Funds – revamp structure
10. Economic Development Strategic Plan
11. Robust LEDC website

Goal #1 KPIs / Metrics:

- Did we partner with LISD & other youth organizations to encourage emergency services careers?
- Did we reassess downtown development and tourism initiatives and who leads each?
- Did we initiate efforts to attract a post-secondary educational institution or facility to Lockhart?
- Did we completely update our development ordinances?
- Did we brainstorm development tools for SH-130 development?
- Did we bring utilities and assemble parcels along SH-130?
- Did we develop shovel-ready development sites?
- Did we market those sites to prospective investors?
- Did we develop plans for our next industrial park?
- Did we revamp the way HOT funds are structured?
- Did we develop and implement an Economic Development Strategic Plan?
- Did the Lockhart EDC revamp their website to better attract investment?

Goal 2: Quality of Life / Quality of Facilities

Strategies
1. Invest money to improve the appearance of our town (streets, parks, entry signs)
2. Conduct a Space Study of City Buildings and facilities including City Hall
3. Improve the image of City facilities as needed
4. Update, renovate, and construct City facilities as needed
5. Implement the Parks Master Plan, improving the quality of life for community
6. Conduct a citywide quality of life citizen survey

Goal #2 KPIs / Metrics:

\$ amount invested in streets in 2019 and 2020? \$ _____

\$ amount invested in parks in 2019 and 2020? \$ _____

\$ amount invested in gateway entry signs in 2019 and 2020? \$ _____

of City facilities we improved the appearance of? _____

- Which facilities did we improve the image of?
- Did we implement elements of the Parks Master Plan?
- Did we secure quotes on a Space Study of City buildings including City Hall?
- How many City-owned buildings did we renovate or retrofit?
- Did we conduct a citywide quality of life citizen survey?
- Did we address levels of service based on the citizen responses we received?
- Did we address levels of satisfaction based on the citizen responses we received?
- Did we address areas for improvement based on the citizen responses we received?

Goal 3: Staffing / Personnel

Strategies
1. Consider hiring additional personnel (engineer, IT, etc.)
2. Conduct a staffing study that includes evaluating efficiencies and compensations
3. Right size staffing levels city-wide based on study results
3. Consider starting salaries that compete with surrounding communities
4. Be consistent with staff development / policies / purchasing procedures
5. Implement a staff development program (be consistent)
6. Start developing / preparing current staff to take on leadership roles within the organization in the future
7. Bi-lingual staff
8. Customer service / experience excellence training

Goal #3 KPIs / Metrics:

of new positions in 2019 and 2020? _____

- Did we perform a staffing efficiency/compensation study?
- Did we right-size our salaries based on that study by the end of 2020?
- Did we develop new consistent policies and procedures regarding professional development of staff?
- Did we develop new consistent policies and procedures regarding purchasing/procurement?
- Did we create and implement a new staff development program to ensure everyone has training opportunities?
- Did we begin grooming current staff for future leadership roles?
- How many staff do we have on a leadership track by the end of 2020?

of new employees added in 2019 and 2020 who are bilingual? _____

- Did we deliver Customer Experience Excellence training to every City employee?

Goal 4: Procedures / IT / Software and Hardware

Strategies
1. Conduct a Technology Assessment that yields specific recommendations
2. Improve technology / create specific strategies to have better IT support based on Assessment results
3. Upgrade all technology-related issues as recommended – desktops, servers, software, equipment, and peripherals
4. Start replacing old equipment
5. Provide superior service by keeping technology up to date and being able to communicate with the public (keep an open line of communication through website)
6. Carefully weigh all the pros and cons of considering bringing IT in-house
7. Upgrade the operating system
8. Streamline technology hardware, software processes within the City, based on Assessment recommendations
9. Upgrade all equipment and software and be trained on specific software to be used to maximum potential
10. Explore implementing downtown Wi-Fi

Goal #4 KPIs / Metrics:

- Did we conduct a Technology Assessment?
- Did we secure top quality technology support across all departments by the end of 2020?
- Did we upgrade our desktop computers?
% of employees who received upgraded computers by the end of 2020 (from 2018 numbers)? _____
- Did we upgrade our servers?
- Did we upgrade our computer software, subscriptions, and licenses?
- Did we upgrade our peripherals?
- Did we upgrade our other technology equipment?
- Did we establish an IT policy for updates and replacements that will keep us up-to-date from now through the future?
- Did we carefully weigh all the pros and cons of keeping IT outsourced vs. bringing it in-house?
- Did we upgrade our City operating system?
- Did we streamline our City technology processes?
- Did we secure training for staff to use all new equipment properly and efficiently?
- Did we investigate implementing WiFi throughout Downtown Lockhart?

Goal 5: Public Safety

Strategies
1. Provide quality public safety to all citizens of Lockhart
a) Develop a specific Retention Strategy first
b) Develop a specific Hiring Strategy
c) Long-term public safety facility planning
d) Develop an equipment replacement schedule
e) Ensure use of best practices / standards (research best practices, then implement)
f) Evaluate Accreditation opportunities

Goal #5 KPIs / Metrics:

of new law enforcement officers hired in 2019?

of new law enforcement officers hired in 2020?

% law enforcement officers retained?

of new firefighters hired in 2019?

of new firefighters hired in 2020?

% firefighters retained?

Did we develop a long-term public safety facilities plan?

Did we develop a public safety equipment replacement schedule?

Did we implement that new replacement schedule?

Did we research and record best practices across the country regarding public safety policy?

Did we make any modifications to our public safety policies based on that research?

Did we explore and evaluate Accreditation opportunities?

Conclusion

At the end of the planning retreat, the facilitator reminded all the participants that these goals would only be achieved if they held true to their commitments today to implement these specific strategies and tactics.

She reminded them that they are one team working toward one vision. The participants agreed to use this document regularly throughout 2019 and 2020 to track progress and measure accomplishments.

CITY COUNCIL FY 18-19 GOALS (FINAL COMBINED)

PRIORITY ORDER

COUNCILMEMBER	PRIORITY	FY 18-19 GOALS
CASTILLO	1	Infrastructure Improvements: streets
GONZALES-SANCHEZ	1	Hire A City Manager
MCGREGOR	1	Economic development, creating and retaining jobs, grocery campaign.
MENDOZA	1	Pay Raise City Employees.
MICHELSON	1	Public relations position/ get the word out about Lockhart (promoting)
WESTMORELAND	1	Infrastructure Improvements: streets
WHITE	1	Economic development, creating and retaining jobs, grocery campaign.
CASTILLO	2	Economic development, creating and retaining jobs, grocery campaign.
GONZALES-SANCHEZ	2	All Department Heads to Budget Salary Increases for all City Employees.
MCGREGOR	2	Work with LISD to establish a community recreation center at the Adams Gym, per under Parks
MENDOZA	2	Economic development, creating and retaining jobs, grocery campaign.
MICHELSON	2	Signage in Lockhart (highway, downtown, and toll) / Wayfinding, branding,...)
WESTMORELAND	2	Signage in Lockhart (highway, downtown, and toll) / Wayfinding, branding,...)
WHITE	2	Public relations position
CASTILLO	3	Continued police community committee involvement, neighborhood watch, gang awareness
GONZALES-SANCHEZ	3	Infrastructure: Continue City Infrastructure: Drainage, Street Repairs, Completion of Curbing, Brighter Lighting in Neighborhoods
MCGREGOR	3	Prepare Fire Station #3 (so we can have existing station remodeled)
MENDOZA	3	Continued police community committee involvement, neighborhood watch, gang awareness
MICHELSON	3	Prepare Fire Station #3 (so we can have existing station remodeled)
WESTMORELAND	3	More enforcement of codes directed at unsightly properties
WHITE	3	Wayfinding, branding, develop new entry sign and city markers
CASTILLO	4	City Facilities: Maintenance and repairs Economic Development: Recruit more businesses especially retail and continue efforts; contact existing and vacant building owners to see if they are willing to work with the City of Lockhart to bring retail businesses and specialty shops, as well as industrial. Purchase buildings and land when on the market for possible new businesses for the city.
GONZALES-SANCHEZ	4	Public relations position work with social media/ get the word out about Lockhart
MCGREGOR	4	Public relations position work with social media/ get the word out about Lockhart
MENDOZA	4	City Facilities: Maintenance and repairs

CITY COUNCIL FY 18-19 GOALS (FINAL COMBINED)

PRIORITY ORDER

COUNCILMEMBER	PRIORITY	FY 18-19 GOALS
MICHELSON	4	Refurbish City Hall inside (making it more inviting)
WESTMORELAND	4	Move forward with St Paul property project
WHITE	4	Park improvements- consider medium to long range plan for Town Branch development
CASTILLO	5	Affordable housing Police Task Force: Budget extra funds for a Police Task Force, a Narcotics Officer and a Mental Health Officer to address any drug and gang related problems and mental issues our city is being faced not only on the East side of our city but citywide. Budget for updated training for our police officers. There is a lot of training that is free
GONZALES-SANCHEZ	5	but a lot additional money for registration fees and course material.
MCGREGOR	5	Free public wifi on the square
MENDOZA	5	Parks improvements
MICHELSON	5	Continued police community committee involvement, neighborhood watch, gang awareness
WESTMORELAND	5	Angled parking downtown: N Main and N Commerce Sts(change during downtown drainage project)
WHITE	5	Continued police community committee involvement, neighborhood watch, gang awareness
CASTILLO	6	Wellness for employees



CITY COUNCIL FY 18-19 GOALS

Category Order and Comments by City Manager

Council agreed at February 13 meeting that each Councilmember will submit at least 5 category goals in priority order to the City Manager to be considered by Council at first meeting in March, 2018

CM INITIALS	PRIORITY #	GOALS IDENTIFIED BY COUNCIL FOR FY 18-19: SORTED BY CATEGORY FINAL LIST BY COUNCIL PRIORITIZED BY CATEGORY: SUBMIT TO CITY MGR BY MARCH 1 PLEASE	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	SORTED BY CATEGORY
		Improve communication between City and Chamber of Commerce	In-House	Chamber
		City Facilities	GF	City Bldgs
		Refurbish City Hall inside (making it more inviting)	Gen Fund	City Bldgs
		Prepare Fire Station 3 (so we can have main station remodeled)	Gen Fund	City Bldgs
		Hire A City Manager, Hire a City Manager that is Well Rounded and Experienced and Will Help our City to Continue to Grow for the right and positive reasons. To hire a City Manager that will allow our Department Heads to Grow and Improve Our Departments with their recommended suggestions not only from our department heads but from our employees. Working Smarter not Harder.	GF	City Manager
		More code enforcement of codes directed at unsightly properties	In-House	Code Enforc
		Continue demo of unsafe structures and pursue liens aggressively	GF	Code Enforc
		Convention Center. Our city is growing and there are too many events, programs and conferences that are going to other surrounding areas to have these events and those surrounding area businesses are benefitting and money is being spent in those areas instead on money being spent in our city. Granted, we do have meeting facilities in our city but these meeting facilities do not accommodate the number of people for the above events that have been mentioned.	GF	Convention Center
		Downtown improvements-lighting, pedestrian safety, south plaza idea? Sculpture? Sidewalk mosaics?	GF	Downtown
		Economic development, creating and retaining jobs, grocery campaign	general fund, LEDC	Econo Devl
		Economic Development		Econo Devl
		Expand economic development (by helping to spread the word & being more involved)	Gen Fund	Econo Devl
		Economic Development: Recruit more businesses especially retail and continue efforts; contact existing and vacant building owners to see if they are willing to work with the City of Lockhart to bring retail businesses and speciality shops, as well as industrial. Purchase buildings and land when on the market for possible new businesses for the city. Art Galleries and Music Venues have increased within our downtown area and though many many not appreciate these type of business and or venues, it is good for our downtown and its livelihood. Let's work on getting more of the speciality shops and boutiques in or around the square.	GF	Econo Devl
		Pay raise across the board	GF	Employees
		All Department Heads to Budget Salary Increases for all City Employees.	GF	Employees
		Wellness for employees	GF	Employees
		Employee: Possible additional Employee Holiday Time Off-Alternating System. Even though this has been discussed and the reasons for why it cannot be done, I would like to see a time off alternating system, especially during the holidays. I did appreciate that the city employees were allowed to stay home during our icy, sleet and snow days. The safety of our employees is very important.	GF	Employees
		Subdivision developemnt to attract more businesses to Lockhart. Increase the number of homes, apartments, housing. Our city is growing with new citizens wanting to make Lockhart their home but due to the number of housing available, they wait and or possibly lose interest.	GF	Housing
		Infrastructure	GF	Infrastructure
		Infrastructure improvement- uncurbed streets, street rehab	GF	Infrastructure
		Improve Streets (repairs)	In-House	Infrastructure

CM INITIALS	PRIORITY #	GOALS IDENTIFIED BY COUNCIL FOR FY 18-19: SORTED BY CATEGORY FINAL LIST BY COUNCIL PRIORITIZED BY CATEGORY: SUBMIT TO CITY MGR BY MARCH 1 PLEASE	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	SORTED BY CATEGORY
		Infrastructure: Continue City Infrastructure: Drainage, Street Repairs, Completion of Curbing, Brighter Lighting in Neighborhoods	GF	Infrastructure
		Angled parking for N Main and N Commerce Streets (change during downtown project)	In-House	Parking Downtown
		Parking around and surrounding the square. Issues with larger vehicles parked in areas that are narrow and that make it hard to see oncoming traffic. Our city is growing and we have been very fortunate with our parking however, it is a concern especially when you have the bigger and wider trucks that are parked in an area that is for a moderate size car. It becomes a hazard and a blind spot when trying to reverse out of the parking space and a blind spot for any and all pedestrians.	GF	Parking Downtown
		Continue to work on City Park improvements	Gen Fund	Parks
		Revive all City parks	Grants	Parks
		Work with LISD to establish a community recreation center at Adams Gym, perhaps under Parks (PUBLIC HEALTH/PARKS)	General Fund/Parks & Rec	Parks
		Add 3 positions to the Parks Department, to help facilitate other improvements (PARKS)	General Fund/Parks & Rec	Parks
		Park improvements - consider medium to long range Town branch development	GF	Parks
		Develop a dog park as part of the Stueve Lane Monte Vista Tract (PARKS/ANIMAL SHELTER/PUBLIC HEALTH)	General Fund/Parks & Rec	Parks
		Parks Improvemens: Purchase and update the park equipment to provide safe and fun filled parks for all to use.	GF	Parks
		Start Planning for 2040 plan	GF	Planning
		Police	GF	Police
		Continued Police Community committee involvement, neighborhood watch, gang awareness	GF	Police
		Work with Police Department to bring back drug enforcement program	Gen Fund	Police
		Get back to Neighborhood Townhall Meetings	GF	Police
		Police Task Force: Budget extra funds for a Police Task Force, a Narcotics Officer and a Mental Health Officer to address any drug and gang related problems and mental issues our city is being faced not only on the East side of our city but citywide. Budget for updated training for our police officers. There is alot of training that is free but alot additional money for registration fees and course material. I am grateful that the Police Department did invest in our Drug Dog and is being utilized by the school as well.	GF	Police
		High School cadet programs for police, fire, EMS	GF	Police/Fire
		Public relations position to deal with social media	GF	Public Relations
		Get the word out about Lockhart (promoting, hiring a Public Relations person)	Gen Fund	Public Relations
		Sidewalk repair and expansion	GF	Sidewalks
		Signage in Lockhart (highway, downtown, and toll road)	Gen Fund	Signage
		Wayfinding, branding - develop new entry sign and city property markers	GF	Signage
		Move Forward with St Paul property project	In-House	St Paul Gift
		Develop an oral history project to support a future "Walking Tour" app for Lockhart (ECONOMIC DEV/DOWNTOWN)	General Fund/Fundraising	Tourism
		More Events to Attract Tourism in Lockhart and Include Way Finding Signage (Hotels and Restaurants). Added events, especially the events that are free to the public do very well for the city as well as for the businesses and tourism. I welcome new events to the city but need to be selective in the events that we do host.	GF	Tourism
		Create a Good Neighbor program (Lockhart Utility Customers can add an additional amount to utility bill to help others)	GF	Utility Customers

CM INITIALS	PRIORITY #	GOALS IDENTIFIED BY COUNCIL FOR FY 18-19: SORTED BY CATEGORY FINAL LIST BY COUNCIL PRIORITIZED BY CATEGORY: SUBMIT TO CITY MGR BY MARCH 1 PLEASE	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	SORTED BY CATEGORY
		Access to Municipal Court for Utility Payments	In-House	Utility Customers
		Free public wifi on the square as part of the redevelopment on the North side (ECONOMIC DEV/DOWNTOWN)	CAPCOG Grant?	Wifi
		Free public wifi on the square as part of the redevelopment on the North side	GF	Wifi

CM INITIALS	PRIORITY #	GOALS IDENTIFIED BY COUNCIL FOR FY 18-19: SORTED BY CATEGORY	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	SORTED BY CATEGORY	CITY MANAGER COMMENTS
BW	7	Improve communication between City and Chamber of Commerce	In-House	Chamber	City Staff works together with Chambers on all their events by being a co-sponsor with many in-kind services. Robert Tobias attends their meetings and periodically makes presentations about Economic Development issues.
JC	4	City Facilities	GF	City Bldgs	Budget for roofs and major repairs
JEFF M	5	Refurbish City Hall inside (making it more inviting)	Gen Fund	City Bldgs	Working on it; repairs to ceiling in progress, restrooms to be refurbished and replace signage with more informative directions.
JEFF M	7	Prepare Fire Station 3 (so we can have main station remodeled)	Gen Fund	City Bldgs	New plans will be prepared working with new Chief who has different ideas than the previous Chief
AGS	1	Hire A City Manager. Hire a City Manager that is Well Rounded and Experienced and Will Help our City to Continue to Grow for the right and positive reasons. To hire a City Manager that will allow our Department Heads to Grow and Improve Our Departments with their recommended suggestions not only from our department heads but from our employees. Working Smarter not Harder.	GF	City Manager	I concur. The current City Mgr has rode back of garbage trucks, climbed electrical poles, worked water/sewer/asphalt/concrete projects, and has been a utility collections clerk, and during these experiences learned the value of suggestions for charge that comes from employees in such positions. All department heads/supervisors are encouraged to listen to employees who have constructive ideas that would benefit in performing assigned tasks. City Mgr has also learned there are employees who keep there hands in their pockets and talk while everyone else is working and these are the same ones who are often found to be dishonest in their paperwork, sleep on the job, and have a poor attendance record.
BW	1	More code enforcement of codes directed at unsightly properties	In-House	Code Enforc	Will continue to address as complaints come in and as found during investigation outings.
LW	8	Continue demo of unsafe structures and pursue liens aggressively	GF	Code Enforc	Will continue to address and City Attorney exploring process to recover demolition costs
AGS	11	Convention Center. Our city is growing and there are too many events, programs and conferences that are going to other surrounding areas to have these events and those surrounding area businesses are benefitting and money is being spent in those areas instead on money being spent in our city. Granted, we do have meeting facilities in our city but these meeting facilities do not accommodate the number of people for the above events that have been mentioned.	GF	Convention Center	HOT funds and/or Bond Issue. Maintenance funds will be a minimum of \$150,000 annually not including director's salary, utilities, and insurance.
LW	9	Downtown improvements-lighting, pedestrian safety, south plaza idea? Sculpture? Sidewalk mosaics?	GF	Downtown	CAPCOG/CO project will address
LW	1	Economic development, creating and retaining jobs, grocery campaign	general fund, LEDC	Econo Devl	Robert Tobias working with several companies now
JC	2	Economic Development	GF	Econo Devl	See above

CM INITIALS	PRIORITY #	GOALS IDENTIFIED BY COUNCIL FOR FY 18-19: SORTED BY CATEGORY	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	SORTED BY CATEGORY	CITY MANAGER COMMENTS
JEFF M	3	Expand economic development (by helping to spread the word & being more involved)	Gen Fund	Econo Devl	Robert Tobias is involved with the San Marcos Partnership, local chambers, and with downtown businesses on a regular basis. Leads from the Governor's office and the Austin Chamber are also pursued as applicable.
AGS	4	Economic Development: Recruit more businesses especially retail and continue efforts; contact existing and vacant building owners to see if they are willing to work with the City of Lockhart to bring retail businesses and specialty shops, as well as industrial. Purchase buildings and land when on the market for possible new businesses for the city. Art Galleries and Music Venues have increased within our downtown area and though many not appreciate these type of business and or venues, it is good for our downtown and its livelihood. Let's work on getting more of the specialty shops and boutiques in or around the square.	GF	Econo Devl	The problem is that many of the property owners downtown do not have the funds to customize their buildings to support specialty shops which most the time are not willing to spend money on a building. Rob Tobias is exploring ways to address this issue.
JUAN M	1	Pay raise across the board	GF	Employees	Estimated Costs Including Benefits: For each 1% for non-civil service= \$52,000 For each 1% for civil service = \$28,000
AGS	2	All Department Heads to Budget Salary Increases for all City Employees.	GF	Employees	See above
IC	5	Wellness for employees	GF	Employees	City provides good health insurance (\$586 per month each) with wellness plans for employees; many Cities have stopped this benefit and only provide a stipend for insurance.
AGS	9	Employee: Possible additional Employee Holiday Time Off-Alternating System. Even though this has been discussed and the reasons for why it cannot be done, I would like to see a time off alternating system, especially during the holidays. I did appreciate that the city employees were allowed to stay home during our icy, sleet and snow days. The safety of our employees is very important.	GF	Employees	City employees with vacation leave and holiday time are off 23 days a year with pay which is more than a month of work days. The only holidays not given that we found are Columbus Day and Texas Independence Day. Employee safety is very important, however, some employees must come in to make conditions safe for residents and to respond to emergency conditions and that responsibility belongs to each department head who determines based on staff levels and skills time off during holiday times.
AGS	6	Subdivision development to attract more businesses to Lockhart. Increase the number of homes, apartments, housing. Our city is growing with new citizens wanting to make Lockhart their home but due to the number of housing available, they wait and or possibly lose interest.	GF	Housing	6 housing projects in place at different phases. City Manager recommended incentives to builders three years ago which Council approved and during the time it was in place it produced more housing. As a result, more engineering of subdivisions has begun.
IC	1	Infrastructure	GF	Infrastructure	\$400,000 or more yearly needed for streets
LW	2	Infrastructure improvement- uncurbed streets, street rehab	GF	Infrastructure	See above. It will take a major bond issue to address all streets that do not have curbs.
BW	3	Improve Streets (repairs)	In-House	Infrastructure	See above.

CM INITIALS	PRIORITY #	GOALS IDENTIFIED BY COUNCIL FOR FY 18-19: SORTED BY CATEGORY	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	SORTED BY CATEGORY	CITY MANAGER COMMENTS
AGS	3	Infrastructure: Continue City Infrastructure: Drainage, Street Repairs, Completion of Curbing, Brighter Lighting in Neighborhoods	GF	Infrastructure	For streets please see above. Brighter lighting is always a challenge in a city with so many trees. Lockhart still must comply with Senate Bill 5 which regulates power usage. Several cities have passed an ordinance that does not allow for the planting of trees within 15' of the right of way to improve lighting of streets and reduce tree trimming around power lines.
BW	4	Angled parking for N Main and N Commerce Streets (change during downtown project)	Ja-House	Parking Downtown	Scheduled with downtown improvements. Should also consider making 100 Blocks of N Main and N Commerce one-way and possibly consider other blocks downtown especially north/south streets.
AGS	10	Parking around and surrounding the square. Issues with larger vehicles parked in areas that are narrow and that make it hard to see oncoming traffic. Our city is growing and we have been very fortunate with our parking however, it is a concern especially when you have the bigger and wider trucks that are parked in an area that is for a moderate size car. It becomes a hazard and a blind spot when trying to reverse out of the parking space and a blind spot for any and all pedestrians.	GF	Parking Downtown	Scheduled with downtown improvements
JEFF M	2	Continue to work on City Park improvements	Gen Fund	Parks	Master Plan near complete
BW	2	Revive all City parks	Grants	Parks	Master Plan near complete
KM	2	Work with LISD to establish a community recreation center at Adams Gym, perhaps under Parks (PUBLIC HEALTH/PARKS)	General Fund/Parks & Rec	Parks	Mayor is visiting with LISD about this
KM	3	Add 3 positions to the Parks Department, to help facilitate other improvements (PARKS)	General Fund/Parks & Rec	Parks	Approx. \$100,000 to budget not including equipment and vehicles
LW	3	Park improvements - consider medium to long range Town branch development	GF	Parks	Bond issue needed
KM	4	Develop a dog park as part of the Stueve Lane Monte Vista Tract (PARKS/ANIMAL SHELTER/PUBLIC HEALTH)	General Fund/Parks & Rec	Parks	Estimate on this property is \$ 25000 using used fencing. Maintenance and insurance are also cost factors
AGS	8	Parks Improvements: Purchase and update the park equipment to provide safe and fun filled parks for all to use.	GF	Parks	Master Plan near complete
JUAN M	3	Start Planning for 2040 plan	GF	Planning	Needs to be done
JC	3	Police	GF	Police	Chief Pedraza is working on these issues. Recently issued update that was sent to Council.
LW	4	Continued Police Community committee involvement, neighborhood watch, gang awareness	GF	Police	See above
JEFF M	4	Work with Police Department to bring back drug enforcement program	Gen Fund	Police	See above
JUAN M	5	Get back to Neighborhood Townhall Meetings	GF	Police	Will get with Chief about this

CM INITIALS	PRIORITY #	GOALS IDENTIFIED BY COUNCIL FOR FY 18-19: SORTED BY CATEGORY	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	SORTED BY CATEGORY	CITY MANAGER COMMENTS
AGS	5	Police Task Force: Budget extra funds for a Police Task Force, a Narcotics Officer and a Mental Health Officer to address any drug and gang related problems and mental issues our city is being faced not only on the East side of our city but citywide. Budget for updated training for our police officers. There is a lot of training that is free but a lot additional money for registration fees and course material. I am grateful that the Police Department did invest in our Drug Dog and is being utilized by the school as well.	GF	Police	Chief Pedraza reports that Lockhart has two certified mental health officers, and he feels there is sufficient funding for training. He also reports that a new Narcotics Officer would cost about \$90,000 for salary/benefits, training, a vehicle, and all required equipment.
LW	10	High School cadet programs for police, fire, EMS	GF	Police/Fire	Will visit with department heads again about this
LW	6	Public relations position to deal with social media	GF	Public Relations	Position would cost with benefits about \$45,000 annually and would need more tasks to perform.
JEFF M	6	Public relations position to deal with social media	GF	Public Relations	See above
LW	7	Sidewalk repair and expansion	GF	Sidewalks	Costs average about \$25 per linear foot
JEFF M	1	Signage in Lockhart (highway, downtown, and toll road)	Gen Fund	Signage	Wayfinding and Branding Committee in place
LW	5	Wayfinding, branding - develop new entry sign and city property markers	GF	Signage	See above
BW	5	Move Forward with St Paul property project	In-House General	St Paul Gift	Working on costs associated with this projects which involve asbestos/lead paint survey and possible abatement, ADA restrooms, ADA entry ramp, kitchen changes, and other repairs.
KM	5	Develop an oral history project to support a future "Walking Tour" app for Lockhart	Fund/Fundraising	Tourism	Could be part of the Wayfinding and Branding Committee tasks
AGS	7	More Events to Attract Tourism in Lockhart and Include Way Finding Signage (Hotels and Restaurants). Added events, especially the events that are free to the public do very well for the city as well as for the businesses and tourism. I welcome new events to the city but need to be selective in the events that we do host.	GF	Tourism	Chambers receive HOT funds for tourism and City co-sponsors events that contribute to tourism.
JUAN M	4	Create a Good Neighbor program (Lockhart Utility Customers can add an additional amount to utility bill to help others)	GF	Utility Customers	Have pursued this in the past. Requires a Board or Committee that is willing to take on the tasks of selecting who and how much help can be provided to customers. Some Cities allocate the funds to existing organization that is willing to take on the project.
BW	6	Access to Municipal Court for Utility Payments	In-House	Utility Customers	Working to this; advertisements and office training needed.
KM	1	Free public Wi-Fi on the square as part of the redevelopment on the North side (ECONOMIC DEV/DOWNTOWN)	CAPCOG Grant?	Wi-Fi	County judge had indicated to Mayor that the County could do this.
JUAN M	2	Free public wifi on the square as part of the redevelopment on the North side	GF	Wifi	See Above

LOCKHART CITY COUNCIL FY 17-18 GOALS				
Category and Priority Order				
COUNCIL MEMBER	PRIORITY	GOALS IDENTIFIED BY COUNCIL FOR FY 17-18 (as submitted by Councilmembers)	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	CATEGORY
BH	3	Continue Improving City Cemetery	with GF Expiring debt saving and/or Cemetery Tax	CEMETERY
Jeff M	2	Refurbish City Hall in the inside (to make more inviting to the public) as well as doing some landscaping outside	General Fund	CITY BLDGS
BW	3	Spruce up and clean up City properties		CITY BLDGS
BH	4	Improve City Facilities Appearance		CITY BLDGS
JC	4	City Facilities		CITY BLDGS
AGS	10	Convention Center		CONVENTION CTR
JC	2	Crime		CRIME
AGS	4	Police Task Force: Budget extra funds for a Police Task Force, a Narcotics Officer and a Mental Health Officer to address any drug and gang related problems and mental issues our city is being faced not only on the East side of our city but citywide. Budget for updated training for our police officers. There is alot of training that is free but alot additional money for registration fees and course material.		CRIME
Jeff M	4	Work with Police Department to bring back drug enforcement program		CRIME
LW	8	Fund for helping utility customers in need	???	CUSTOMER SERV
BW	2	Continue to change angle parking downtown: 200 Blk S Main, 100 Blk N Main, 100 Blk N Commerce, 200 Blk E Market; little time and expense invovled	??	DOWNTOWN
LW	2	Downtown improvements,bathrooms, electric, pedestrian safety, beautification, wifi, lighting		DOWNTOWN
AGS	9	Parking around and surrounding the square. Issues with larger vehicles parked in areas that are narrow and that make it hard to see oncoming traffic		DOWNTOWN
LW	1	Expanding economic development department, budget, office, staff?, marketing	General fund, LEDC	ECCONOMIC DEV
AGS	3	Economic Development: Recurit more businesses especailly retail and continue efforts; contact existing and vacant building owners to see if they are willing to work with the City of Lockhart to bring retail businesses and speciality shops, as well as industrial. Purchase buildings and land when on the market for possible new businesses for the city.		ECCONOMIC DEV
JC	3	Economic Development		ECCONOMIC DEV
AGS	5	Subdivision development to attract more businesses to Lockhart.		ECCONOMIC DEV
JM	5	Set up meetings with developers for more retail space shopping centers along US 183		ECCONOMIC DEV

LOCKHART CITY COUNCIL FY 17-18 GOALS				
Category and Priority Order				
COUNCIL MEMBER	PRIORITY	GOALS IDENTIFIED BY COUNCIL FOR FY 17-18 (as submitted by Councilmembers)	SUGGESTED FUNDING SOURCE BY COUNCILMEMBER	CATEGORY
AGS	6	More Events to Attract Tourism in Lockhart and Include Way Finding Signage (Hotels and Restaurants)		ECONOMIC DEV
AGS	1	All Department Heads to Budget Salary Increases for all City Employees.		EMPLOYEES
JM	1	City Employee Raises		EMPLOYEES
JM	2	House or fund gym membership/space (weight rm) in Senior Center area (cardio machine) for City employees		EMPLOYEES
AGS	8	Employee: Possible additional Employee Holiday Time Off-Alternating System. Even though this has been discussed and the reasons for why it cannot be done, I would like to see a time off alternating system, especailly during the holidays.		EMPLOYEES
BW	1	ENFORCE ordinances that pertain to unsightly properties all over town		ENFORCEMENT
Jeff M	1	Enforce city ordinance regarding residential property		ENFORCEMENT
Jeff M	3	Continue to work on City Park improvements		PARKS
JM	3	Do inventory of City properties to idenify areas for pocket parks	LEDC funds	PARKS
LW	3	Park improvements	General fund	PARKS
BH	5	Parks Improvements	General Fund	PARKS
JC	5	Parks		PARKS
AGS	7	Parks Improvemens: Purchase and update the park equipment to provide safe and fun filled parks for all to use.		PARKS
LW	7	Town branch cleanup and beautification	???	PARKS
JM	4	Start process of Funding Sidewalks east of 183 connecting to the US 183 sidewalks		SIDEWALKS
LW	6	sidewalk repair and expansion	general fund bond	SIDEWALKS
BH	1	IMPLEMENT SIGNAGE IN LOCKHART	General Fund (LEDC) and/or Hotel Tax	SIGNAGE
LW	4	wayfinding, branding	general fund	SIGNAGE
LW	5	Entry signs	general fund	SIGNAGE
Jeff M	6	Signage on Highway 183 and SH130 = directing people to Lockhart		SIGNAGE
BW	4	Pursue oppportunity to move Senior Citizens' Center to St Paul United Church of Christ Property		SR CITIZENS CTR
JC	1	Roads	Grants or impact fees	STREETS/INFRAS
AGS	2	Infrastructure: Continue City Infrastructure: Drainage, Street Repairs, Completion of Curbing, Brighter Lighting in Neighborhoods		STREETS/INFRAS
BH	2	Continue improving City Streets	Increase Transportation Fund	STREETS/INFRAS
Jeff M	5	Continue to make improvements and redoing our city streets		STREETS/INFRAS

Lockhart City Council
FY 16-17 Goals
Revised 3-10-2016, 8:30 pm

Priority	Council Person	Goals Submitted	City Manager Comments
1	Castillo	Infrastructure	Complete 2015 CO projects and need budget of \$250,000 per year for streets, continue water and sewer main replacements; continue electric distribution maintenance plan-get new substation on line. Replace bad water raw water mains and find additional water for the future.
1	Gonzales-Sanchez	Department Heads to Budget Salary Increases for city employees so that we can keep our current city employees.	Est Cost Per % Increase Annually: Gen Fund (Not Civil Serv) \$ 29,000; Gen Fund Civil Serv \$ 24,000; Other/Utilities: \$ 15,000- Add'l
1	Hilburn	Improve City Cemetery with GF Expiring debt saving and/or Cemetery Tax	Cemetery Tax up to 5 cents allowed by State Law. Expiring GF debt committed to Police and Fire increased pay rates. (\$132,000)
1	Mendoza	Find ways to use activity center for multi-purpose use. (basketball, volleyball). Funding source: Different companies in town	If approved by Council staff would approach local businesses
1	Michelson	Continue to improve infrastructure (drainage, street repairs) throughout the city	Complete 2015 CO and budget \$250,000 per year for street materials
1	Westmoreland	Enforce ordinances that pertain to unsightly properties all over town. Make homeowners/residents (because some may be renters) take pride in their environment. It is an eyesore to drive around town and see overgrown properties, junked cars, and stacks of trash on porches, in yards and driveways. All levels of socio-economic residents in this town have shown evidence of being disrespectful to their environment.	City has no esthetics ordinance currently. The term "unsightly" is subjective and is difficult to prove in court.
1	White	Economic Development-expanding budget to get staff qualified to help Sandra with recruitment, working with LEDC to either build Spec building or invest in more property, Main St program to relieve Sandra of a lot of those duties	Main Street Program would require another person and funding to work with local businesses while Economic Development would concentrate on new businesses and new jobs
2	Castillo	Economic Development	Need 12-15,000 sf of retail spaces with reasonable lease per sf and buildings that are 20 to 50,000 sf for industrial and manufacturing
2	Gonzales-Sanchez	Infrastructure: Continue City Infrastructure: Drainage, Street Repairs, Completion of Curbing, Brighter Lighting in Neighborhoods	Complete 2015 CO projects and need budget of \$250,000 per year for streets, continue water and sewer main replacements; continue electric distribution maintenance plan-get new substation on line. Replace bad water raw water mains and find additional water for the future. Most streets that lack curbing will need to be totally reconstructed. Brighter LED lights being experimented with since costs have come down.
2	Hilburn	Implement City Signage	Initial required funds up to \$40,000 if City Crew does the work; total cost could be more than \$70,000
2	Mendoza	New Park equipment. Funding Source: Each Councilmember responsible for a park and finding funding sources	Estimate: \$ 400,000 annually over next 4 years based on input from Parks Board Advisory Board
2	Michelson	Continue to improve ways to attract businesses to Lockhart	Need more 12-15,000 sf of retail spaces with reasonable lease per sf and buildings that are 20 to 50,000 sf for industrial and manufacturing
2	Westmoreland	Create a policy for the residency of future administrative positions to live within the Lockhart city limits. If an administrator wants to be employed by the City of Lockhart, they need to reside here. Sharing in the daily lives of our citizens seems crucial to making decisions about Lockhart. They are paid by city taxes.	It is not legal to require all department heads to live in the City limits; only the City Manager is required to do so. All non-24 emergency response employees must live within 25 minutes of City Limits
2	White	Continue street rehab	Need \$ 250,000 annually minimum for street work materials
3	Castillo	City Facilities	Not sure what this includes; can assess all departments for physical needs
3	Gonzales-Sanchez	Economic Development: Recruit more businesses especially retail and continue efforts ; contact existing and vacant bldg owners to see if they are willing to work with City to bring these small retail businesses, as well as industrial; possibly purchasing two downtown county buildings when on the market for possible new businesses in the downtown area. Stronger platform with LEDC with methods to sell Lockhart and attract businesses.	LEDC could fund another report but the company says our numbers still should be good. Costs estimated \$22,500 for updating data and recruitment. Prime softgood companies constantly want to be on Highway 183 in 12-15,000 sf and at a reasonable cost per sf plus higher traffic counts.

Lockhart City Council
FY 16-17 Goals
Revised 3-10-2016, 8:30 pm

Priority	Council Person	Goals Submitted	City Manager Comments
3	Hilburn	Continue improving city streets: Increase Transportation Fund	Current transportation monthly rate is \$ 4 for residential and others; \$260,000 annual which helps fund labor and equipment, but is not sufficient for materials. Another \$250,000 for materials is needed annually.
3	Mendoza	Wi-Fi Free Zones Downtown Square. Funding source City Budget, School District, Downtown sponsors	Rough estimate is about \$12,000
3	Michelson	Refurbish City Hall	If atrium removed, add more offices estimated at \$45,000 and more outside landscaping estimated at \$ 5,000; elevator going in with improvements to restrooms and offices
3	Westmoreland	Approach interested and future businesses cordially. Stringent ordinances (and the way they are approached), scare off some businesses. Let's be friendly in a positive way.	City Mgr respectfully requests names of such businesses. He has met with 18 business representatives over past 15 months that were looking at Lockhart but did not come. Except for the non-residential exterior building esthetics ordinance, none of them indicated a problem with the current ordinances or with staff. The main problems were high land prices and the lack of "ready built retail and industrial buildings", and traffic counts were not high enough. Most thought the impact fee schedules were very reasonable compared to other cities. Will continue to work toward friendlier customer service with simplified ordinances.
3	White	Park master plan to consider park bond issue, recreation dept and staff issues	Master Plan estimate: \$ 45,000, recreation dept est at least \$ 60,000 for a recreational professional with another \$30,000 for equipment and materials
4	Castillo	Employees Wages	Est Cost Per % Increase Annually: Gen Fund (Not Civil Serv) \$ 29,000; Gen Fund Civil Serv \$ 24,000; Other/Utilities: \$ 15,000- Add'l Cost FY 16-17 due to Civil Serv Pay Plan Expansions already approved: \$ 132,000
4	Gonzales-Sanchez	Police Task Force: Budget extra funds to bring back a much needed Police Task Force to address any drug and gang related problems this city is being faced with especially on the East side of our city. Possibly ask the County to assist with funding.	Initial required funds up to \$40,000 if City Crew does the work; total cost could be more than \$70,000
4	Hilburn	Continue working on bringing industry to Lockhart: Continue supporting Ms. Mauldin	LEDC is will have sufficient funding to be more aggressive starting FY 16-17
4	Mendoza	Training Start up: Neighborhood Watch Training and Program: Police Budget	Have tried Neighborhood Watch Program in past but was not sustained because of lack of participation. Willing to try again.
4	Michelson	Improve signage on HWY 183 as well as SH130 = directing people to Lockhart	Possibly use of some of the KTB grant money
4	Westmoreland	Evaluate and/or change the degree of the angled parking along the 4 blocks off of the square. This would be: Main Street from Market to Prairie Lea Street; Main Street from San Antonio Street to Walnut Street; Commerce Street from Market Street to Prairie Lea Street, and Commerce Street from San Antonio Street to Walnut Street. These parking spaces were made before long vehicles were made! If there are cars parked on both sides of the streets, only one car can pass through at a time. Then it becomes a one lane street. I have witnessed a different angled parking arrangement, and it provides more room and is much safer for the drivers and pedestrians.	Estimate to black out existing thermoplastic markings, redefine layout, and apply new thermoplastic markings with angle parking = \$ 12,000; will probably lose 4 spaces per block. 2 on each side
4	White	Branding and wayfinding—may be included in #1	Initial required funds up to \$40,000 if City Crew does the work; total cost could be more than \$70,000
5	Castillo	Parks	Estimate: \$ 400,000 annually over next 4 years based on input from Parks Board Advisory Board
5	Gonzales-Sanchez	Subdivision development to attract more businesses to Lockhart	Working with 6 more subdivisions, either new or expanding, and possibly one more very large one northwest.
5	Hilburn	Improve tourism in Lockhart - City Council continue to work with and encourage Chambers of Commerce to be more involved	Council can make this directive to Chambers when dividing out HOT funds
5	Mendoza	Finding more funding for Retail Market Study. Zip code demographics with reports. Funding LEDC	LEDC could fund another report but the company says our numbers still should be good. Costs estimated \$22,500 for updating data and recruitment.

Lockhart City Council
FY 16-17 Goals
Revised 3-10-2016, 8:30 pm

Priority	Council Person	Goals Submitted	City Manager Comments
5	Michelson	Work with LEDC or someone equivalent to build a building to help attract business	Need more 12-15,000 sf of retail spaces with reasonable lease per sf. Most softgood retailers want 12-15,000 on Hwy 183 at a reasonable price and increased traffic volumes
5	White	Sidewalks to include lighting	Funding required; for example San Jacinto to Jr High estimate is \$130,000 just for materials along Maple walkway
6	Gonzales-Sanchez	More Events to Attract Tourism in Lockhart and Include Way Finding Signage (Hotels and Restaurants)	Initial required funds up to \$40,000 if City Crew does the work; total cost could be more than \$70,000. Chambers could use HOT for more tourism.
6	Michelson	Continue to work on City Park improvements	Estimate: \$ 400,000 annually over next 4 years based on input from Parks Board Advisory Board
6	White	Pursue possible ESD-EMS district	Legal issue with participation by County and City of Luling preferable
7	Gonzales-Sanchez	Parks Improvemens: Purchase more park equipment to provide safe and fun filled parks for all to use.	Estimate: \$ 400,000 annually over next 4 years based on input from Parks Board Advisory Board
7	Mendoza	Start Talks With YMCA Austin again. Seek sponsors funding if necessary	Our population hurt in previous discussions, Will pursue again. They usually want commitment for a minimum number of individuals and families depending on population of not only City but its metro area
7	Michelson	Work on building a civic center/ recreation center	\$ 9 million plus land \$ 2.5 million for about 20,000 sf plus about \$240,000 annual maintenance costs and minimum of \$60,000 for utilities; estimated revenues offset is about \$60,000; take out recreation center and cost go down about 20%. It has been reported that Bastrop is spending over \$500,000 per year to operate its civic center. Revenues not covering costs.
7	White	Cemetery maintenance	Cemetery Tax up to 5 cents allowed by State Law
8	Gonzales-Sanchez	City Hall: Refurbish with Improvements and/or Upgrades	Elevator and improvements to restrooms planned; better offices for Connie and Sandra planned also.
9	Gonzales-Sanchez	Convention Center	\$ 9 million plus land \$ 2.5 million for about 20,000 sf plus about \$240,000 annual maintenance costs and minimum of \$60,000 for utilities; estimated revenues offset is about \$60,000; take out recreation center and cost go down about 20%. It has been reported that Bastrop is spending over \$500,000 per year to operate its civic center. Revenues not covering costs.
10	Gonzales-Sanchez	Employee: Possible additional Employee Holiday Time off-Alternating system	City employees now have 12 holidays and 1 personal holiday; time off is granted by seniority with department head responsible for keeping sufficient personnel to serve the public needs. Employees also receive at least 2 weeks of vacation time. Those employees required to work on holidays receive their normal pay plus holiday pay.

City of Lockhart
Future Debt Payments as of 9/30/18

Description		Paid Debt	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	TOTAL DEBT
General Government																					
Hotel Tax Fund																					
2016 GO Refunding			40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000								400,000
Total Hotel Tax Fund P & I			-	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	-	-	-	-	-	-	-	400,000
LEDC																					
2015 Tax & Revenue	100.00%		48,093	48,044	48,103	48,152	63,645	63,670	63,513	63,543	63,555	63,643	63,687	65,647	65,544	65,575	65,482	65,579	65,538	65,676	1,048,596
Total LEDC Fund P & I			48,093	48,044	48,103	48,152	63,645	63,670	63,513	63,543	63,555	63,643	63,687	65,647	65,544	65,575	65,482	65,579	65,538	65,676	1,048,596
2015 Capital Projects Fund																					
2015 Tax & Revenue																					-
Total 2015 Capital Projects Fund Fund P & I			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drainage																					
2015 Tax & Revenue			100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,700,000
Total Drainage Fund P & I			100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,700,000
General Fund																					
2015 Tax & Revenue																					-
Total General Fund P & I			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Debt Service Fund																					
2006 Tax & Rev CO's	100.00%		47,175	50,535	48,690	46,845															146,070
2006-A Tax & Rev CO's	93.00%		267,890	267,803	267,332	271,128															806,264
2015 Tax & Revenue	TRNSF		186,594	186,302	186,653	186,945	279,275	279,421	278,487	278,662	278,735	279,261	279,523	291,203	290,590	290,773	290,222	290,798	290,554	291,374	4,548,778
2015 Tax & Revenue	12.00%		117,779	117,659	117,803	117,923	155,867	155,927	155,543	155,615	155,645	155,861	155,969	160,769	160,517	160,592	160,365	160,602	160,502	160,831	2,567,990
2016 GO Refunding	74.84%		171,056	346,930	361,150	353,161	656,899	666,927	661,698	666,974	673,111	670,566	678,350	-	-	-	-	-	-	-	5,735,766
Total Debt Service Fund P & I			790,494	969,229	981,628	976,002	1,092,041	1,102,275	1,095,728	1,101,251	1,107,491	1,105,688	1,113,842	451,972	451,107	451,365	450,587	451,400	451,056	452,205	13,804,868
Total General Government			938,587	1,157,273	1,169,731	1,164,154	1,295,686	1,305,945	1,299,241	1,304,794	1,311,046	1,309,331	1,317,529	617,619	616,651	616,940	616,069	616,979	616,594	617,881	16,953,464

Future Debt Payments as of 9/30/18

Description	Paid Debt	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	TOTAL DEBT
Proprietary																				
Electric Fund																				
2013 SIB Loan	30.81%	71,151	71,152	71,151	71,151	71,151	71,151	71,151	71,152	71,151	71,151	71,151	71,151	71,151	71,151	71,151	71,152			1,067,268
																				-
Total Electric Fund P & I	-	71,151	71,152	71,151	71,151	71,151	71,151	71,151	71,152	71,151	71,151	71,151	71,151	71,151	71,151	71,151	71,152	-	-	1,067,268
Water Fund																				
2006A Tax & Rev CO's	7.00%	20,164	20,157	20,122	20,408															60,687
2015 Tax & Revenue	49.60%	486,818	486,322	486,917	487,413	644,248	644,496	642,909	643,207	643,331	644,223	644,670	664,510	663,468	663,778	662,842	663,822	663,406	664,800	10,614,362
2016 GO Refunding	21.81%	49,849	101,103	105,247	102,919	191,435	194,357	192,833	194,371	196,159	195,418	197,686	-	-	-	-	-	-	-	1,671,528
2013 SIB Loan	35.80%	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676	82,676			1,240,140
Total Water Fund P & I	-	639,507	690,258	694,962	693,416	918,359	921,529	918,418	920,254	922,166	922,317	925,032	747,186	746,144	746,454	745,518	746,498	663,406	664,800	13,586,717
Sewer Fund																				
2015 Tax & Revenue	4.30%	42,204	42,161	42,213	42,256	55,852	55,874	55,736	55,752	55,773	55,850	55,889	57,609	57,518	57,545	57,464	57,549	57,513	57,643	920,197
2016 GO Refunding	3.35%	7,657	15,529	16,166	15,808	29,404	29,853	29,619	29,855	30,130	30,016	30,364	-	-	-	-	-	-	-	256,744
2013 SIB Loan	33.39%	77,102	77,103	77,102	77,102	77,103	77,102	77,102	77,103	77,102	77,102	77,103	77,102	77,102	77,103	77,102	77,102			1,156,537
Total Sewer Fund P & I		126,963	134,793	135,481	135,166	162,359	162,829	162,457	162,710	163,005	162,968	163,356	134,711	134,620	134,648	134,566	134,651	57,513	57,643	2,333,478
Total Proprietary Fund P & I	-	837,621	896,203	901,594	899,733	1,151,869	1,155,510	1,152,026	1,154,116	1,156,323	1,156,436	1,159,539	953,049	951,915	952,253	951,236	952,301	720,919	722,443	16,987,463
Grand Total		1,776,208	2,053,476	2,071,326	2,063,887	2,447,555	2,461,455	2,451,267	2,458,910	2,467,369	2,465,767	2,477,068	1,570,668	1,568,566	1,569,193	1,567,305	1,569,280	1,337,513	1,340,324	33,940,927

City of Lockhart
2015 BOND PROGRAM

Cost	Notes	Task Name	Duration	Start	Finish	2015												2016												2017											
						Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
\$1,355,516.00	6	Construction	365 days	Thu 6/30/16	Thu 6/29/17																																				
		Surveying Proposal	15 days	Mon 1/18/16	Mon 2/1/16																																				
		Survey	30 days	Tue 2/2/16	Wed 3/2/16																																				
		Acquisition	150 days	Thu 3/3/16	Sat 7/30/16																																				
		Engineering Design	120 days	Thu 3/3/16	Thu 6/30/16																																				
		Bid Ad/NTP	60 days	Fri 7/1/16	Mon 8/29/16																																				
		Construction	300 days	Fri 9/2/16	Wed 6/28/17																																				
\$470,400.00	7	SH130 PUMP STATION PROJECT																																							
		Survey	7 days	Mon 4/25/16	Sun 5/1/16																																				
		Engineering Design	90 days	Mon 5/2/16	Sat 7/30/16																																				
		Bid Ad/NTP	60 days	Sun 7/31/16	Wed 9/28/16																																				
\$859,186.00	8	SH130/TOWN BRANCH SEWER PROJECT																																							
		Surveying Proposal	15 days	Fri 5/20/16	Fri 6/3/16																																				
		Survey	30 days	Sat 6/4/16	Sun 7/3/16																																				
		Acquisition	120 days	Mon 7/4/16	Mon 10/31/16																																				
		Engineering Design	90 days	Mon 7/4/16	Sat 10/1/16																																				
		Bid Ad/NTP	60 days	Sun 10/2/16	Wed 11/30/16																																				
\$1,891,126.00	9	WATER TRANSMISSION MAIN PROJECT - Water Plant Transmission Main, MLK to FM 20 West Transmission Main																																							
		Surveying Proposal	17 days	Wed 11/16/16	Fri 12/2/16																																				
		Survey	30 days	Sat 12/3/16	Sun 1/1/17																																				
		Acquisition	120 days	Mon 1/2/17	Mon 5/1/17																																				
		Engineering Design	90 days	Mon 1/2/17	Sat 4/1/17																																				
		Bid Ad/NTP	60 days	Sun 4/2/17	Wed 5/31/17																																				
		Construction	180 days	Mon 6/5/17	Fri 12/1/17																																				