ORDINANCE NO. 5326

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF DENISON, TEXAS, ADOPTING UPDATED STANDARD CONSTRUCTION DETAILS; AMENDING CHAPTER 22 "SUBDIVISION REGULATIONS", ARTICLE IV "REQUIREMENTS FOR PUBLIC IMPROVEMENTS AND DESIGN", DIVISION 1 "ADEQUATE PUBLIC FACILITIES POLICY", SECTION 22-74 "CONFORMANCE TO PLANS AND INCORPORATION OF MANUALS" BY PROVIDING FOR THE INCORPORATION FO THE CITY'S STANDARD CONSTRUCTION DETAILS AND PUBLIC WORKS DESIGN MANUAL; PROVIDING FOR A PENALTY; PROVIDING FOR SAVINGS, REPEALING, AND SEVERABILITY CLAUSES; PROVIDING THAT THE MEETING AT WHICH THIS ORDINANCE WAS PASSED WAS AN OPEN MEETING IN COMPLIANCE WITH THE TEXAS OPEN MEETINGS ACT; AND PROVIDING FOR PUBLICATION AND AN EFFECTIVE DATE.

WHEREAS, the City of Denison, Texas (the "City") is a Home Rule Municipality acting under its Charter adopted by the electorate pursuant to Article XI, Section 5 of the Texas Constitution and Chapter 9 of the Texas Local Government Code; and

WHEREAS, the City Council of the City (the "City Council") has previously adopted standard construction details for public works projects, including a version adopted on March 10, 2023 by Ordinance No. 5281; and

WHEREAS, since the passage of Ordinance No. 5281, the City's public works department has updated the standard construction details, and recommends adoption of the updated version attached hereto as **Exhibit A**, and incorporated herein for all purposes; and

WHEREAS, the City desires to incorporate the standard construction details updated herein, and the Public Works Design Manual adopted by Ordinance 5280 on March 20, 2023 into the City's codified Subdivision Ordinance; and

WHEREAS, the City is authorized by Chapter 212 of the Texas Local Government Code to, after a public hearing on the matter, adopt rules governing subdivisions of land within the municipality's jurisdiction to promote the health, safety, morals, or general welfare of the municipality, and the safe, orderly, and healthful development of the municipality; and

WHEREAS, after holding a public hearing on December 4, 2023, the City Council finds it desirable and in the best interest of the health, safety, and general welfare of the citizens to update the City's standard construction details.

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

- **Section 1.** <u>Incorporation of Premises.</u> The above and foregoing premises are true and correct and are incorporated herein and made a part hereof for all purposes.
- Section 2. <u>Standard Construction Details Adopted.</u> The City Council does hereby adopt the updated Standard Construction Details attached hereto as <u>Exhibit A</u> and repeal the earlier adopted versions.
- **Section 3.** <u>Amendment to Section 22-74.</u> Chapter 22 "Subdivision Regulations", Article IV "Requirements for Public Improvements and Design", Division 1 "Adequate Public Facilities Policy", Section 22-74 "Conformance to plans and incorporation of manuals", subsection (b) is hereby amended to read as follows:
 - "(b) Manuals incorporated. The following construction and design manuals are incorporated herein by reference as if fully set forth: 1) Latest version of North Central Texas Council of Governments Standard Specifications for Public Works Construction (NCTCOG Standards); 2) Latest version of American Water Works Association Standards (AWWA); 3) Latest version of City's Standard Construction Details; and 4) Latest version of City's Public Works Design Manual."
- **Section 4.** Penalty. Any person, firm, corporation, or entity violating this Ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be fined pursuant to Section 1-12 of the City's Code of Ordinances. Each occurrence in violation of this Ordinance shall constitute a separate and distinct offense. Each day a violation of this Ordinance occurs constitutes a separate offense. The penal provisions imposed under this Ordinance shall not preclude the City from filing suit to enjoin the violation. The City retains all legal rights and remedies available to it pursuant to local, state, and federal law.
- **Section 5.** Savings Clause. If any ordinance shall have any provisions in conflict with this Ordinance, or the provisions of the manuals adopted and incorporated herein, the stricter provisions shall apply. Any remaining portions of said ordinances shall remain in full force and effect.
- **Section 6.** Severability. Should any section, subsection, sentence, clause, or phrase of this Ordinance be declared unconstitutional or invalid by a court of competent jurisdiction, it is expressly provided that any and all remaining portions of this Ordinance shall remain in full force and effect. The City hereby declares that it would have passed this Ordinance, and each section, subsection, sentence, clause, or phrase thereof irrespective of the fact that any one or more sections, subsections, sentences clauses and phrases be declared unconstitutional or invalid.
- **Section 7.** Open Meeting. It is hereby officially found and determined that the meeting at which this Ordinance was passed was open to the public as required by law, and that public notice of the time, place, and purpose of said meeting was given, all as required by Section

551.042, Texas Government Code.

Section 8. Effective Date. This Ordinance shall become effective upon its passage and publication as may be required by law.

DULY PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF DENISON, TEXAS, on this the 4th day of December 2023.

APPROVED:

JANE J GOTT, Mayor

ATTEST:

Christine Wallentine, City Clerk



Exhibit A Updated Standard Details

CITY OF DENISON, TEXAS

STANDARD CONSTRUCTION DETAILS



DECEMBER 04, 2023

	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	00	7	6	Cī	4	ß	2	_	0	SHEET NUM
	WATER - VALVES	PRV VAULT AND AUTOMATIC FLUSH POINT	METER VAULT	METER VAULT	WATER - VALVES	WATER SERVICES - FIRE HYDRANT	CHANNELS - CONCRETE	CHANNELS - CONCRETE	STORM SEWER - INLET - DETAILS	STORM SEWER - INLET	STORM SEWER - INLET	PAVING - SIDEWALKS	CONCRETE FLUME - EROSION CONTROL	PAVING - GEOMETRICS	PAVING - ALLEY - DRIVEWAYS	PAVING - ALLEY - DRIVEWAYS	PAVING DETAILS	PAVING DETAILS	PAVING DETAILS	PAVING - SECTIONS - LOCAL & COLLECTOR STREETS	PAVING - SECTIONS - LOCAL STREETS	PAVING - SECTIONS - MAJOR & MINOR ARTERIAL STREETS	GENERAL NOTES	COVER SHEET	SHEET TITLE
48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	SHEET NUM
STREET LIGHT DETAILS	FOUNDATION & FLASHER ASSEMBLY STANDARDS	TYPICAL SCHOOL ZONE FLASHER ASSEMBLY	TRAFFIC SIGN BLANK DIMENSIONS	TYPICAL STREET NAME SIGN PLACEMENTS	OVERHEAD STREET NAME BLADE (D3-1) DETAILS	GROUND MOUNTED STREET NAME BLADE (D3-1) DETAILS	TYPICAL HARD SURFACE INSTALLATION SIGN BASE DETAILS	GROUND MOUNTED STREET NAME BLADE & PROJECT SIGN DETAILS	JUNCTION BOX	TREE PROTECTION PLAN	PIPE BOLLARD & I.T. DETAIL FOR GATE	DUMPSTER DETAILS	DUMPSTER DETAILS	WROUGHT IRON FENCING	WROUGHT IRON FENCING	FARM FENCE - STEEL GATE	CHAIN LINK FENCING	CHAIN LINK FENCING	BRICK SCREENING WALL - RETAINING WALL	THIN BRICK SCREENING WALL	TYPICAL EMBEDMENT	SANITARY SEWER SERVICES	SANITARY SEWER - MANHOLES	SANITARY SEWER - AERIAL CROSSING	SHEET TITLE

GENERAL NOTES

ALL MATERIALS MUST BE DOMESTICALLY SOURCED AND PRODUCED UNLESS OTHERWISE APPROVED BY THE PUBLIC WORKS DIRECTOR.

- PAVING NOTES

 1. CONCRETE FOR ALL STREETS, ALLEYS, & DRIVEWAYS SHALL BE IN ACCORDANCE WITH

 1. NOTCOG CLASS OF CONCRETE (3,500 P.S.I. COMPRESSIVE STRENGTH @ 28 DAYS), DRIVEWAYS
 SHALL BE HAND POURED, CONCRETE FOR ALL SIDEWALKS SHALL BE IN ACCORDANCE WITH

 SHALL BE HAND FOR THE (3,000 COMPRESSIVE STRENGTH @ 28 DAYS).

- NOTAL DELIVANCE CANDACTO CANAL DESIGNANCE MIN SOSTIAL DELIVANCE MI
- HE CITY.

 ALL BETAMMINGS ARE NOT ACCEPTABLE FOR ANY USE.

 ALL RELIGIOUS AND AND ACCEPTABLE FOR ANY USE.

 ALL RELIGIOUS AND ACCEPTABLE FOR ANY USE.

 ALL RELIGIOUS AND ACCEPTABLE FOR ACCEPTABLE RESIDED FOR DENSITY BY AN BE AN WINDERWOOD AND ACCEPTABLE RESIDED ACCEPTABLE RESIDER ACCEPTABLE ACCEPTABLE RESIDER ACCEPTABLE RESIDER ACCEPTABLE RESIDER ACCEPTABLE ACCEPTABLE RESIDER ACCEPTABLE RES
- 4 13.
- 16. 15.
- 18. 17. UBE THAT FLATWORK DOES NOT OBSCURE ADVILONMENT.
 VES, MH LIDS).
 OSED AGGREGATE CONCRETE IS NOT ACCEPTABLE FOR SIDEWALK WITHIN PUBLIC
- SIDEWALKS SHALL BE 5' WIDE MINIMUM WIDTH.

- LINED CHANNELS

 1. CONSTRUCTION JOINT: CONSTRUCTION JOINT SHOWN IN DETAILS FOR CONVENIENCE ONLY, MONOLITHIC CONSTRUCTION MAY BE USED.
- ALL VISIBLE SUPFACES SHALL BE A TROWEL FINISH.

 ALL REMPORCING STEEL SHALL BE 32" DIAMETER AND SPACED 12" CENTER TO CENTER TO CENTER BOTH

 MAYS UNLESS OTHERWISE SPECIFIED.

 IF WOOD FORMS AGE USED WITH CONCRETE ON SLOPES IS READY TO BE PLACE.

 SHALL NOT BE REMOVED UNTIL CONCRETE ON SLOPES IS READY TO BE PLACE.

 ALL CONCRETE.

 ONLORETE.

- FLAT BOTTOM TO BE CONSTRUCTED WHEN CHANNEL WIDTH IS LESS THAN 12 FOOT. 34° CHAMFER ON ALL CONCRETE CORNERS.

STORM SEWER

- 1. THE FLOOR OF THE EXCAVATION FOR NILET BOX MUST PROVIDE A FIRM, LEVEL BED FOR THE BASE SECTION TO REST UPON.
 2. A MINIMUM OF 6 INCHES OF 1 "DAMETER (MAXIMUM) ROCK OR GRAVEL SHALL BE USED TO PREPARE THE BEDDING TO FINAL GRADE OF NIL LED OF THIS, AT LEAST 8 INCHES OF 2-SACK CEMENT STABILIZED SAND SHALL BE USED TO PREPARE THE BEDDING TO GRADE CEMENT STABILIZED-SAND SHALL BE USED TO PREPARE THE BEDDING TO GRADE CEMENT STABILIZED-SAND SHALL BE ALLOWED TO SET BY KEEPING HOLE PUMPED DINY.
 3. AFTER PIPE HAS BEEN ILATIO ON PROPER BEDDING, BACKFILLING TO COMMENCE WITH 8" MAXIMUM LOOSE LIFTS SHEINID CUBB. MAXIMUM SZE ROCK IN BACKFILLING TO COMMENCE WITH 8" MAXIMUM LOOSE LIFTS BEININD CUBB. MAXIMUM SZE ROCK IN BACKFILL SHALL NOT EXCEED A INCHES OF A PRECAST NLETS MUST BE APPROVED BY THE CITY.
 5. CONCRETE TO BE MINIMUM A 200P P.S. I.
 6. LOCKING DEVICE IS RECUIRED ON ALL STORM SEWER LIDS.
 7. TOO DIMPINEY WARRING FLOQUET DIS BISTALLED ON ALL STANDARD AND RECESSED INLETS.
 8. CONCRETE CAST-PAP-LACE IN LIFTS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF A-200 PSI @ 25 DAYS.
 8. CONCRETE CAST-PAP-LACE IN LIFTS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OR APPLICATION. TILES AND SECOND HAVE A SHADON ON THE RIVER OF A PROPER DESIGN BY THE CHARLES SHADON OF BARRIEL TO SHADON OF BARRIEL SHALL BE PLACED IN THE CENTER OF THE INLET. 2 MICHES FROM THE EDGE OF SPENIAL AS SHOWN IN THE DEPARMS OF USE STREET, GRAND FRANKE, TEACH SHADON OF SHADON OF BARRIEL TO SHADON OF SHAD

10.

SANITARY SEWER

- CROSSING POTABLE WATERLINES SHALL BE AS SHOWN IN THE PLANS AND MEET

- INSPECTION.

 MANHOLES SHALL BE VACUUM TESTED IN THE PRESENCE OF THE CITY REPRESENTATIVE.

WATER

10.

- SCREENING WALLS

 1. CONCRETE MINIMUM COMP
 2. REINFORCEMENT ASTM A-3
 3. MASONRY COMPRESSIVE S
 DEPONISIONIS NORETTE - MINIMUM COMPRESSIVE STRENGTH OF 3.000 P.S.I. @28 DAYS.
 INFORCEMENT - ASTA A-36.
 SOMRY - COMPRESSIVE STRENGTH SHALL BE PRESCRIBED IN ITEM 2.3.8 SPECIAL
 OMBRY - COMPRESSIVE STRENGTH SHALL BE PRESCRIBED IN ITEM 2.3.8 SPECIAL
 OMBRY - COMPRESSIVE STRENGTH SHALL BE PRESCRIBED IN ITEM 2.3.8 SPECIAL

- WIND LOAD FOR DESCAY. 20 P.S.F.
 WIND LOAD FOR DESCAY. 20 P.S.F.
 MORTAR TYPE "S'.
 PROVIDE EVENT STATEMENT OF FET.
 PROVIDE EVENT STATEMENT OF FET.
 PROVIDE EVENTSON LOINTS AT 200 FEET, CENTER MAXIMUM.
 PROVIDE PER WITH MIMIMUM STO 200 FET.
 RAILE MAXIMUM STORE PET.
 WITH STATEMENT OF THE STATEMENT OF THE PROVIDE FET.
 MATERIAL EXCEPT BLUE SHALE, 6 FOOT MINIMUM WITH 3 FOOT MINIMUM MITO BLUE
 SHALE.

- DEPENANCE ON FERENCE SHALLE CANSS PRUBBED PINISHED SURFACE.

 OF THE WALL UNCLUMBED PINASTERS, COLUMNS, ETC.).

 OF THE WALL UNCLUMBED PINASTERS, COLUMNS, ETC.).

 PINASTER SPACING OF SET AND SET OF SE

16. 15.

TRAFFIC SIGNS AND LIGHTING 1. THE EXISTING SIGNS LOCATED ON PUBLIC CONSTRUCT 1. THE EXIST ING SIGNS LOCATED ON PUBLIC CONSTRUCT 1. THE EXIST ING SIGNS LOCATED ON PUBLIC CONSTRUCT 1. THE EXIST ING SIGNS AND LIGHTING

- THE EXISTING SIGNS LOCATED ON PUBLIC CONSTRUCTION SITES ARE THE PROPERTY OF THE CITY OF DEMONSTAR. THROUGHOUT THE PERIOD OF THE CONTRACT, THE CONTRACTOR SMALL PROTECT THESE SIGNS SUCH THAT THEY ARE NOT DAMAGED IN THE COURSE OF CONSTRUCTION ACTIVITY.

 PRIOR TO THE START OF CONSTRUCTION, ALL EXISTING SIGNS WITHIN THE AREA OF CONSTRUCTION WILL BE INVERTORED AND DOLOMARFIED DIGHT BY THE CITY INSPECT OR AND THE CONTRACTOR. THE DECOMENT WILL BE JOHN YE SHAFED JOHN TO SHAFED SHE SHAFED THE SHAFED SHE SHAFED SHE SHAFED SHA

- 7.

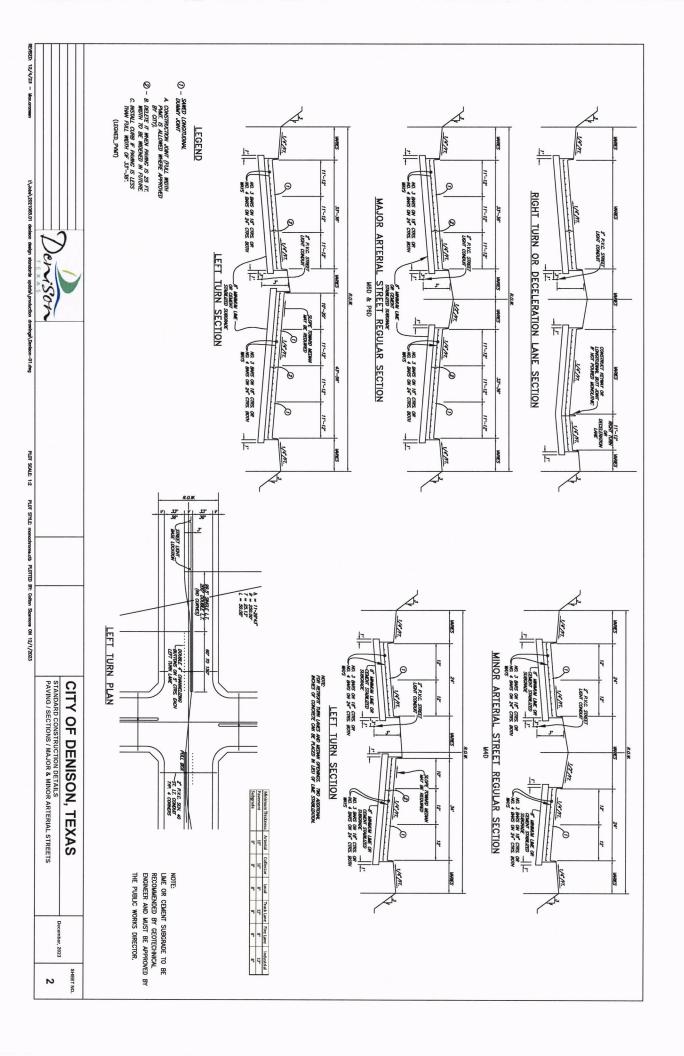
- TOGETHER.
 SIGN BLAUK CORNERS TO BE ROUNDED AS SHOWN ON SHEET 5.
 SIGN BLAUK CORNERS TO BE FLYICHED, DEGREASECDINE FINISH PRIOR TO APPLICATION OF LEGENDS.
 ALL SIGN BLANK ARE TO BE ETHICHED, DEGREASECDINE FINISH PRIOR TO APPLICATION OF LEGENDS.
 ALL SIGNS SYALD ER MANUFACTURED AND INSTALLED IN CONFORMANCE TO THE LATEST CITY OF
- 12. DETAILS ARE FOR ALL NEW AND REPLACEMENT SIGN INSTALLATIONS.
 ALL ADVISORY SPEED SIGNS SHALL BE BASED ON A TRAFFIC STUDY, PLEASE FOILOW TXDOT PROCEDURES FOR ESTABLISHING SPEED ZONES. THE PROCEDURES ARE KNAILABLE AT
- THE PARTIES AND CONTROL OF THE PARTIES OF THE PARTI
- https://www.txdot.gov/inside-txdot/forms-publications/publications/highway-signs.html OR CONTACT
 THE PUBLIC WORKS MAINTENANCE MANAGER FOR GUIDANCE.

DETAILS

- 1. ALL DETAILS ARE NOT TO SCALE
 2. SPECIAL DETAILS OR MODIFICATIONS TO THESE STANDARD DETAILS TO BE UTILIZED ON ANY GIVEN PROJECT SHALL BE SUBMITTED TO THE CITY FOR APPROVAL FOR USE.

CITY OF DENISON, TEXAS

denison



CITY OF DENISON, TEXAS

STANDARD CONSTRUCTION DETAILS



DECEMBER 04, 2023

	23	22	21	20	19	18	17	16	15	14	13	12	1	10	9	00	7	6	G	4	W	2	_	0	SHEET NUM
	WATER - VALVES	PRV VAULT AND AUTOMATIC FLUSH POINT	METER VAULT	METER VAULT	WATER - VALVES	WATER SERVICES - FIRE HYDRANT	CHANNELS - CONCRETE	CHANNELS - CONCRETE	STORM SEWER - INLET - DETAILS	STORM SEWER - INLET	STORM SEWER - INLET	PAVING - SIDEWALKS	CONCRETE FLUME - EROSION CONTROL	PAVING - GEOMETRICS	PAVING - ALLEY - DRIVEWAYS	PAVING - ALLEY - DRIVEWAYS	PAVING DETAILS	PAVING DETAILS	PAVING DETAILS	PAVING - SECTIONS - LOCAL & COLLECTOR STREETS	PAVING - SECTIONS - LOCAL STREETS	PAVING - SECTIONS - MAJOR & MINOR ARTERIAL STREETS	GENERAL NOTES	COVER SHEET	SHEET TITLE
48	47	46	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	SHEET NUM
STREET LIGHT DETAILS	FOUNDATION & FLASHER ASSEMBLY STANDARDS	TYPICAL SCHOOL ZONE FLASHER ASSEMBLY	TRAFFIC SIGN BLANK DIMENSIONS	TYPICAL STREET NAME SIGN PLACEMENTS	OVERHEAD STREET NAME BLADE (D3-1) DETAILS	GROUND MOUNTED STREET NAME BLADE (D3-1) DETAILS	TYPICAL HARD SURFACE INSTALLATION SIGN BASE DETAILS	GROUND MOUNTED STREET NAME BLADE & PROJECT SIGN DETAILS	JUNCTION BOX	TREE PROTECTION PLAN	PIPE BOLLARD & I.T. DETAIL FOR GATE	DUMPSTER DETAILS	DUMPSTER DETAILS	WROUGHT IRON FENCING	WROUGHT IRON FENCING	FARM FENCE - STEEL GATE	CHAIN LINK FENCING	CHAIN LINK FENCING	BRICK SCREENING WALL - RETAINING WALL	THIN BRICK SCREENING WALL	TYPICAL EMBEDMENT	SANITARY SEWER SERVICES	SANITARY SEWER - MANHOLES	SANITARY SEWER - AERIAL CROSSING	SHEET TITLE

GENERAL NOTES

ALL MATERIALS MUST BE DOMESTICALLY SOURCED AND PRODUCED UNLESS OTHERWISE APPROVED BY THE PUBLIC WORKS DIRECTOR.

PAVING NOTES

- 1. CONCRETE FOR ALL STREETS, ALLEYS, & DRIVEWAYS SHALL BE IN ACCORDANCE WITH
 1. CONCRETE FOR ALL STREETS, ALLEYS, & DRIVEWAYS SHALL BE IN ACCORDANCE WITH
 2. STATE OF THE CONCRETE CANDED PS.1. COLORPESSIVE STREENOTH © 28 DAYS). DRIVEWAYS
 SHALL BE HAND FOURDED, CONCRETE FOR ALL SIDEWAYS SHALL BE IN ACCORDANCE WITH
 3. REINFORMOR STEEL SHALL BE DEFORMED SHOWN STEEL SHALL BE SET ON
 2. REINFORMOR STEEL SHALL BE DEFORMED SHOWN STEEL SHALL BE SET ON
 3. REINFORMOR STEEL SHALL BE SPECIES IN ADD THE STATES. BHALL BE SET ON
 3. REINFORMOR SHALL BE SEED REINFORMOR STEEL SHALL BE SET ON
 3. REINFORMOR SHALL BE SEED REINFORMOR STEEL SHALL BE IN ACCORDANCE WITH ASTM
 3. REINFORMOR SHALL BE SEADED REINFORMOR STEEL SHALL BE IN ACCORDANCE WITH ASTM
 4. SERINFORMOR SHALL BE SEADED REINFORMOR STEEL SHALL BE READED REINFORMOR SHALL BE SET ON
 5. SANED TRANSPERSE DUMMY, JOINTS SHALL BE SPACED REFORM PARTICLED.
 5. SANED TRANSPERSE DUMMY, JOINTS SHALL BE SPACED REFORM COMPACTION
 5. SANED TRANSPERSE DUMMY, JOINTS SHALL BE ANNIHOLY HOW CONSTRUCTED.
 5. SANED TRANSPERSE DUMMY, JOINTS SHALL BE ANNIHOLY OF SINCHES OF EITHER HYDRATED LIME
 5. SANED TRANSPERSE DUMMY, JOINTS SHALL BE ANNIHOLY OF SINCHES OF EITHER HYDRATED LIME
 5. SANED TRANSPERSE DUMMY, JOINTS SHALL BE ANNIHOLY OF SINCHES OF EITHER HYDRATED LIME
 5. SANED TRANSPERSE DUMMY, JOINTS SHALL BE ANNIHOLY OF SINCHES OF EITHER HYDRATED LIME
 5. SANED TRANSPERSE DUMMY, JOINTS SHALL BE ANNIHOLY OF SINCHES OF EITHER HYDRATED LIME
 5. SANED TRANSPERSE DUMMY, JOINTS SHALL BE ANNIHOLY OF SINCHES OF EITHER HYDRATED LIME
 5. SANED TRANSPERSE DUMMY, JOINTS SHALL BE CAMPLETED BY AN INDEPENDENT LAD COMPACTION TESTS SHALL BE FAVELED BY THE GEOFICH AND COMPACTION TESTS SHALL BE COMPETED BY AN INDEPENDENT LADROATORY APPROVED BY THE CITY
 AND PAUD FOR BY THE CONTRACTOR.
 7. LIME TRANSPERS DUBGRAADE SHALL BE COMPETED BY AN INDEPENDENT LABORATORY APPROVED BY AND DAYS OF SOUTHER SHALL BE COMPETED BY AN INDEPENDENT LABORATORY APPROVED BY AND DAYS OF SOUTH SHALL BE COMPETED BY AN INDEPENDENT LABORATORY APPROVED BY AND
- LINE TRIMMINGS ARE NOT ACCEPTABLE FOR ANY USE.

 ALL FILL SHALL BE COMPACIED BY MECHANICAL METHODS. MAXIMUM LOOSE LIFT FOR ALL FIT IS SHALL BE TESTED FOR DENSITY BY AN ACCOPANACTION SHALL BE BINCHES, ALL LIFTS SHALL BE TESTED FOR DENSITY BECOUREMENT SHALL BE BINCHES ALL LIFTS SHALL BE TESTED FOR DENSITY REQUIREMENT SHALL BE AS INDEPENDENT LABORATORY APPROVED BY THE CITY. DENSITY REQUIREMENT SHALL BE AS INDEPENDENT LABORATORY APPROVED BY THE CITY. DENSITY WE GRASS ESTABLISHED IMMEDIATELY. ALL DISTURBED AREAS OF ROADWAY WORK SHALL HAVE GRASS ESTABLISHED IMMEDIATELY. GRASS SHALL MEET THE REQUIREMENTS OF TIEMS AS, 33, 31, 33, 31 OF NCTOOG.

 GRASS SHALL MEET THE REQUIREMENTS OF TIEMS AS, 33, 31, 05 AS, 31 OF NCTOOG.

 GRASS SHALL MEET THE REQUIREMENTS OF THE MAS, 33, 31, 05 AS, 31 OF NCTOOG.

 ALL AREAS TO BE EXCANATED OR FILLED SHALL HAVE EROSION CONTROL PLACED PROOF TO COMMENCING CANTHAWORK, EROSION CONTROL DENVICES SHALL BE MAINTAINED THROUGHOUT THE PROJECT IN ACCORDANCE WITH NCTOOG TEMS 31.2.

 ALL SDEWLAKS SHALL INCLUDE BARRIEF FREE RAMPS AT INTERSECTING STREETS ALLEYS, DRIFEWAYS, ETC. BARRIEF FREE FRAMPS AT INTERSECTING STREETS ALLEYS.

 ABRODWLAKS SHALL INCLUDE BARRIEF FREE FRAMPS AT INTERSECTING STREETS ALLEYS.

 DRIFEWAYS, ETC. BARRIEF FREE ERAMPS AT INTERSECTING STREETS ALLEYS.

- 13.
- 4.
- 16. 15. APPROVED BY THE TEXAS LICENSING BOARD.

 SIDEMALKS SHALL BE DOWNEED INTO PAVEMENT WHERE IT ABUTS DRIVEWAYS. REDWOOD EXPANSION JOINT MATERIAL SHALL BE USED AT THESE LOCATIONS.

 NO VENDICLES SHALL BE FERMINATION DON COUNCER E PACKEMENT WHICH EMPORAL FROM THE CITY. THE CITY THE CITY THE CITY THE CITY THE CITY OF THE PACKEMENT WHICH MAKE DON COUNCER E BREAK REPORT.

 SIDEMALKS REQUIRE LANGE SHAND LESSION OF THE PACKEMENT HIM 95%.

 STANDARD PROCTOR DEMSITY.

 DOUBS SHALL REQUIRE A PREPOUR NASPECTION FOR FORMWORK, REINFORCEMENT AND DEORSTEIN COUNCES. THE PACKEMENT AND DEORSTEIN, VISIANIA NESPECTIONS MAY BE MADE AFTER THE POUR TO ADDRESS TOOLED TO THE PACKEMENT AND DEORSTEIN, VISIANIA NESPECTIONS MAY BE MADE AFTER THE POUR TO ADDRESS TOOLED TO THE PACKEMENT AND DEORSTEIN OF THE PACKEMENT AND DEORSTEIN.
- 17. (JONTS, FINISH, SUBGRADE INTEGRITY, ETC.
 ENSURE THAT FLATWORK DOES NOT OBSCURE ABOVE-GROUND APPURTENANCES (J.E.
 VALVES, MH LIDS),
 EXPOSED AGGREGATE CONCRETE IS NOT ACCEPTABLE FOR SIDEWALK WITHIN PUBLIC
- 18. SIDEWALKS SHALL BE 5' WIDE MINIMUM WIDTH.

LINED CHANNELS

- CONSTRUCTION JOINT SHOWN IN DETAILS FOR CONVENIENCE ONLY, MONOLITHIC CONSTRUCTION MAY BE USED.
 ALL VISIBLE SUPFACES SHALL BE A TROWEL FINISH.
 ALL REINFORCING STEEL SHALL BE AS'D DIAMETER AND SPACED 12" CENTER TO CENTER BOTH WAYS UNLESS OTHERWISE SPECIFIED.
- IF WOOD FORMS ARE LISED WITH CONSTRUCTION JOINT, THEY SHALL BE TWO, 2"x4", AND SHALL NOT BE REMOVED UNTIL CONCRETE ON SLOPES IS READY TO BE PLACE.
 ALL CONCRETE IN LINED CHANNEL SHALL BE NOTICOGO CLASS "X" (MINIMUM 3.000 P.S.L.)
- CONCRETE. FLAT BOTTOM TO BE CONSTRUCTED WHEN CHANNEL WIDTH IS LESS THAN 12 FOOT. 3/4* CHAMFER ON ALL CONCRETE CORNERS.

STORM SEWER

- THE FLOOM OF THE EXCANATION FOR INLET BOX MUST PROVIDE A FRIM, LEVEL BED FOR THE BASE SETUND DESIST PROVIDE A FRIM, LEVEL BED FOR THE BASE ANNIHUM OF 8 INCHES OF 1 DAMFTER (MAXIMUM) ROCK OR GRAVEL SHALL BE USED TO PREPARE THE RECODING TO FINAL GRADE OF BIN LEVEL OF THIS, AT LAST 18 INCHES OF 7-5 AGACK CEMENT STABILIZED SAND SHALL BE USED TO PREPARE THE BEDDING TO GRADE CEMENT STABILIZED-SAND SHALL BE ALOWED TO SET BY KEEPING POLE PLUMPED TO ORADE CEMENT STABILIZED-SAND SHALL BE ALOWED TO BY SET SHAND FROM THE SHALL BHALL MOVE THE THE WEEPING POLE PLUMPED TO ORADE CEMENT STABILIZED-SAND SHALL BE ALOWED TO SENS STANDARD PROCTOR UNDER ROADWAY OR TO MAXIMUM LOOSE LIFTS MIGTTHE SHALL DON PROPER BEDDING, BACKFILLING TO COMMERCE WHITH 8' MAXIMUM LOOSE LIFTS WEEPING POLS PROPER BEDDING, BACKFILLING TO COMMERCE WHITH 8' MAXIMUM LOOSE LIFTS BUST BE APPROVED BY THE CITY.

 A PRECAST INLETS MUST BE APPROVED BY THE CITY.

 CONCRETE TO SEE MINIMUM 4,200 P.S.I.

 TO DUMPHEN WARRING PLAQUET TO BE INSTALLED ON ALL STANDARD AND RECESSED INLETS.

 CONCRETE TO SEE MINIMUM 4,200 P.S.I.

 TO DUMPHEN SHALL BE PLACED IN THE CENTER OF THE MUET? JOINCHES FROM THE EDGE OF PENING AS SHOWN IN THE DRAWING USE PLACE ON THE RUST IN CHIESE FOR APPLICATION. THE SHALL BE PLACED IN THE CENTER OF THE MUET? JOINCHES FROM THE EDGE OF PENING AS SHOWN IN THE DRAWING USE PLACED ON STALLES FET, GRADE PROMOT OSETTING OF SEXITING STONES, IF ADJUSTMENT IN GRADE OF LATERAL IS RECOURSE OF SETTING OF SETTING OF SEXITING STONES, IF ADJUSTMENT IN GRADE OF LATERAL IS RECOURSED A REVISED DESIGN BY THE ENGREE OF PEDCORDS SHALL BE SUBMITTED TO THE CITY FOR APPROVAL.

 11. REMONDED ON CAREFUL PROVIDED CASS III MINIMUMUM.

=

- SANITARY SEWER

 ALL SEWER LINES CROSSING POTABLE WATERLINES SHALL BE AS SHOWN IN THE PLANS AND WEET
- ALL SEWER LIBES CROSSING POTABLE WATERLINES SHALL BE AS SHOWN IN THE PLANS AND MEET TOO REQUIREMENTS

 2. ALL SEWIRE LIBES CROSSING POTABLE WATERLINES SHALL BE AS SHOWN IN THE PLANS AND MEET TOO REQUIREMENTS

 2. ALL SANITARY SEWER MAINS SHALL BE A MINIMUM OF 6" INSIDE DIAMETER. ALL SERVICE LINES SHALL BE IN ACCORDANCE WITH A STAN DAYS WITH A MINIMUM SHO FO.2 THE PLANS AND SHALL BE IN ACCORDANCE WITH A STAN DAYS WITH A MINIMUM SHO FO.2 THE PLANS AND PRECIDE BY 17, DASH, D

10.

- WATER

 ALL WATER LINE CROSSINGS OF SANITARY SEWER LINES SHALL BE AS SHOWN IN THE PLANS AND TECTOR REQUIREMENTS.

 PRES 12 MOJES IN LINEAUTER AND SHALLER SHALL BE POLYVINY C. HI ORDE IF Y. C.) MEETING PIPES 12 MOJES IN LINEAUTER AND SHALLER SHALL BE POLYVINY C. HI ORDE IF Y. C.) MEETING PIPES 12 MOJES IN LINEAUTER SHALL BE SHALL BE COLLEY MEETING THE REQUIREMENTS OF AWMY. CORD OR 10 OR 10

- SCREENING WALLS

 CONCRETE. MINIMUM COMPRESSIVE STRENGTH OF 3,000 P.S.I. @28 DAYS.

 RENENDAGEMENT. ASTM. A-36.

 RASONRY COMPRESSIVE STRENGTH SHALL BE PRESCRIBED IN ITEM 2.3.6 SPECIAL

 MASONRY COMPRESSIVE STRENGTH SHALL BE PRESCRIBED IN ITEM 2.3.6 SPECIAL

- ND LOAD FOR DESIGN. 20 P.S.F.
 IR BEARING STRESSES, SEE BRICK SOREENING WALL NOTES.
 RYTAR TYPE '25',
 SEEN STRESSES, SEE BRICK SOREENING WALL NOTES.
 OVIDE CONTROL JOHN'S AT 700 FEET CENTER MAXIMUM.
 OVIDE PERFANSION JOHN'S AT 700 THER TOTAL THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT 700 THER TOTAL THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT 700 THER TOTAL THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT 700 THE ROUTE AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT 700 THE ROUTE AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT 700 THE ROUTE AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT 700 THE PERFANSION JOHN'S AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT THE BELL IN CLAY OR OTHER
 OVIDE PERFANSION JOHN'S AT THE BELL IN CLAY OR OTHER THE BELL IN C

- EXPOSED CONCRETE SAAL BE CLASS FRUBED FINISHED SURFACE.
 WALKS ADJACEMT TO WALLS MUST BE 5 FOUR MINIMUM WIDTH FROM ALL PORTIONS
 THE WALL (INCLUDING PILASTERS, COLUMNS, ETC.).
- OF THE WALL (NICLUDING PLASTERS, COLUMNS, ETC.).

 OF THE WALL STATER SPACING OF FET.

 WALLES SHALL NOT BE PLACED IN THE VISIBILITY EASTERN TOR STREET RIGHT OF WAY.

 WATER STALLES AND THE PLACED IN THE VISIBILITY EASTERN TOR STREET RIGHT OF WAY.

 IN THE WALL SHALL BE A MINIMUM OF EIGHT FEET IN HEIGHT AS MEASURED FROM THE

 WALLES TOOL OR OF THE WALL SHALL BE A MINIMUM OF EIGHT FEET IN HEIGHT AS MEASURED.

 WAS WATER TO THE OLD OF THE WALL SHALL BE WATER OWNER OF STATEMENT.

 WAS OUT THE WALL SHALL BE CONSISTENT ON ALL SHEFACES.

 WAS OUT THE WALL SHALL BE CONSISTENT ON ALL SHEFACES.

 WAS OUT THE WALL SHALL BE CONSISTENT ON ALL SHEFACES.

 WAS OUT THE WALL SHALL BE CONSISTENT ON THE WALLED SECREENING ALL

 WAS OUT THE WALL SHALL BE CONSISTENT ON THE WALLED SHALLED BE STORE WALLED.

 WAS OUT THE WALL SHALL BE CONSISTENT ON THE WALLED SHALLED BE STORE WALLED.

 WAS OUT THE WALL SHALL BE CONSISTENT ON THE WALLED SHALLED BE STORE WALLED.

 WAS OUT THE WALLED AND THE WAS TO BE IT ILLED ON THE COURTED SCREENING ALL

 WAS OUT THE WALL SHALL BE FOR THE WALLED BE STORE WALLED.

 WAS OUT THE WALLED AND THE WAS TO BE WALLED.

 WAS OUT THE WALLED AND THE WALLED BE STORE WAS ONLY SCREENING ALL

 WAS OUT THE WALLED AND THE WALLED.

 WAS OUT THE WALLED AND THE WALLED BE STORE WAS ONLY SCREENING AND WALLS.

- TRAFFIC SIGNS AND LIGHTING

 1. THE EXISTING SIGNS LOCATED DN PUBLIC CONSTRUCTION STEELS THE PROPERTY OF THE CITY OF THE EXISTING SIGNS LOCATED DNA PUBLIC CONSTRUCTION STEELS ARE THE PROPERTY OF THE CITY OF THE CONTRACT PUBLIC CONSTRUCTION ACCOUNTS TO THE CONTRACT PUBLIC PUBLIC CONTRACT PUBLIC PU
- SIGNS SUCH THAT THEY ARE NOT DAMAGED BE THE COURSE OF CONSTRUCTION ACTIVITY.

 PRICHE TO THE START OF CONSTRUCTION, ALL DESTINA SIGNS WHITHIN THE ARCH OF CONSTRUCTION

 FROM TO THE START OF CONSTRUCTION, ALL DESTINAS SIGNS WHITHIN THE ARCH OF CONSTRUCTION

 FROM TO THE START OF CONSTRUCTION, ALL DESTINAS SIGNS WHITHIN THE ARCH OF CONSTRUCTION IS SIGN OF CONTINUED AND DOCUMENT WHILE THE MOST SIGN OF CONTINUED AND THE CONTINUE AND T

- PROJECT

 A ALL GROUND MOUNTED AND OVERHEAD STORM SHALL USE ANSI STANDARD BOLISZB ALLMININM
 BLANKS.

 A ALL BLANKS TO BE INSTALLED SHALL BE 5052-H38 ALLMININUM (ASTIM B —209).

 THE THICKNESS FOR ALL SIGH BLANKS BOARD FOLIFF OVERHEAD STREET MANDE BLANES WHICH ARE
 OLIVO".

 ALL HOLISS SHALL BE 3/8" DIAMETER DRILLED OR PUNCHED AS SHOWN ON EACH BLANK DEFAIL AND
 SHALL BE THER WAR BURNS AND LO BE KNISH 9958. THE FI FULL CUBE PRISMATIC GRADE
 BETTORES HISTONE SHET THIS OF EQUIVALENT.

 B. ALL STREET HAME SHORS SHALL HAVE 1/4" DIAMETER HOLES DRILLED ON EACH END AND AFFXED
 TOGGTHER.

 B. ALL STREET HAME SHORS SHALL HAVE 1/4" DIAMETER HOLES DRILLED ON EACH END AND AFFXED
 TOGGTHER.

 J. SIGN BLANK ART TO BE FITCHED, DEGRESSIONINE HISH FRORK TO APPLICATION OF LEGEBUS.
 TOLIS SHOW SHOWN THE PRANCE HAS THE PROCESSION TO APPLICATION OF LEGEBUS.
 TOLIS SHOW SHOWN THE PRANCE HAS THE PROCEDURES FOLLOW TXOOT
 PROCEDURES FOR BESTALLSHING SPEED ZOMES. THE PROCEDURES ARE AVAILABLE AT

 THE THICKNESS AND THE THICKNESS AND BESTALLSHINGS.

 THE PROCEDURES FOR BESTALLSHING SPEED ZOMES. THE PROCEDURES ARE AVAILABLE AT

 THICKNESS AND THE THICKNESS AND BESTALLSHINGS.

- nighway-signs.html OR CONTACT

DETAILS

- ALL DETAILS ARE NOT TO SCALE

 ANY GIVEN PROJECT SHALL BE SUBMITTED TO THE CITY FOR APPROVAL FOR USE.

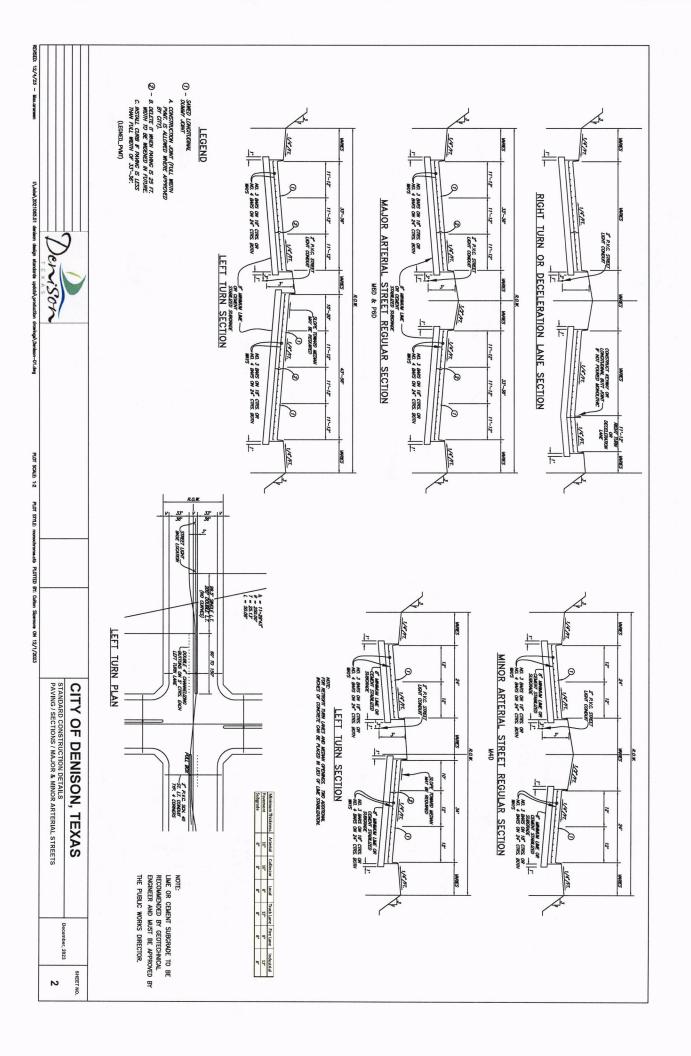
CITY OF DENISON, TEXAS

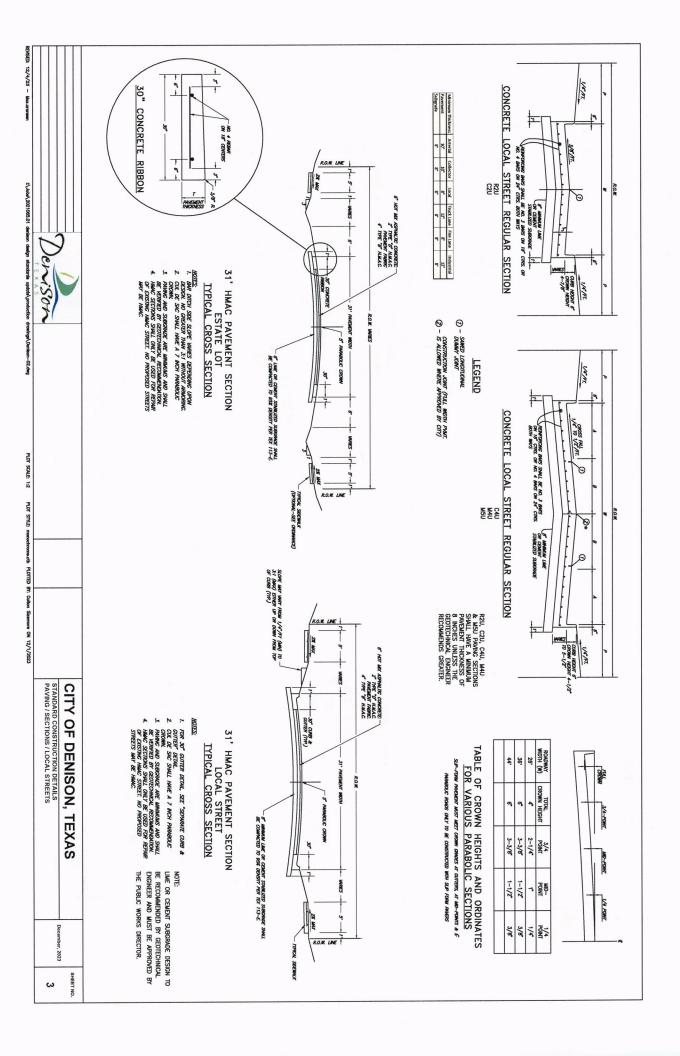
STANDARD CONSTRUCTION DETAILS GENERAL NOTES

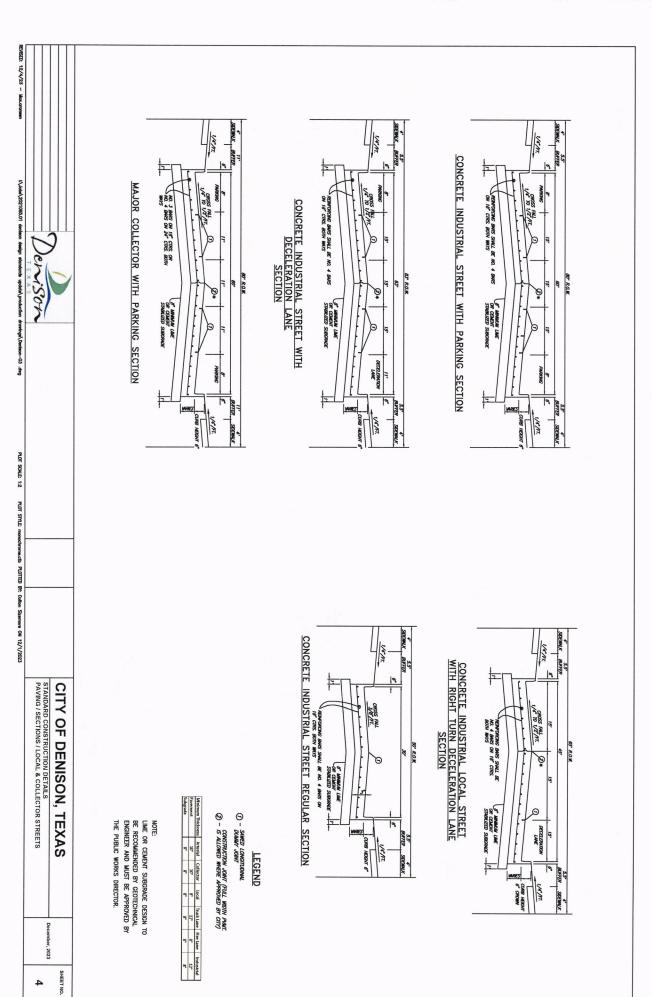
December, 2023

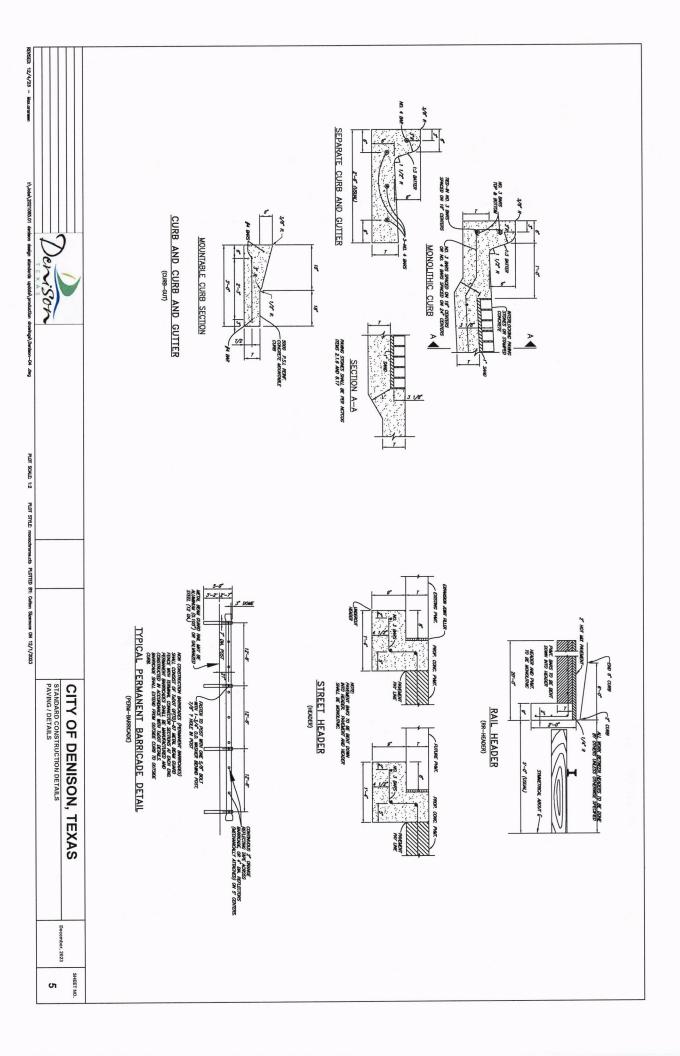
SHEET NO

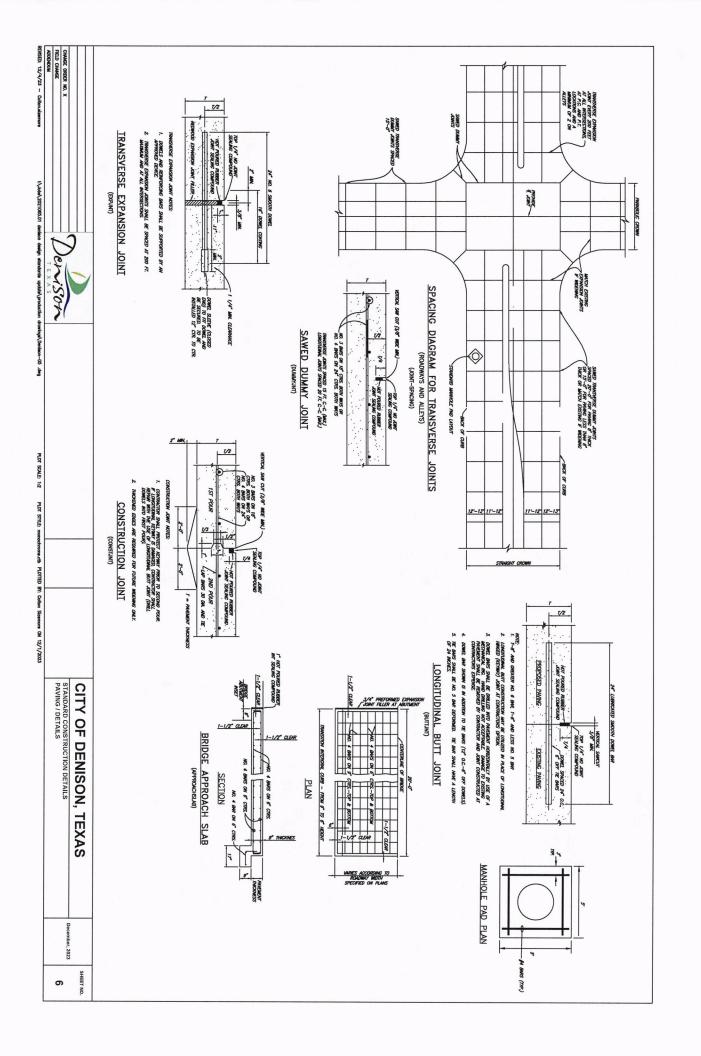
lerison

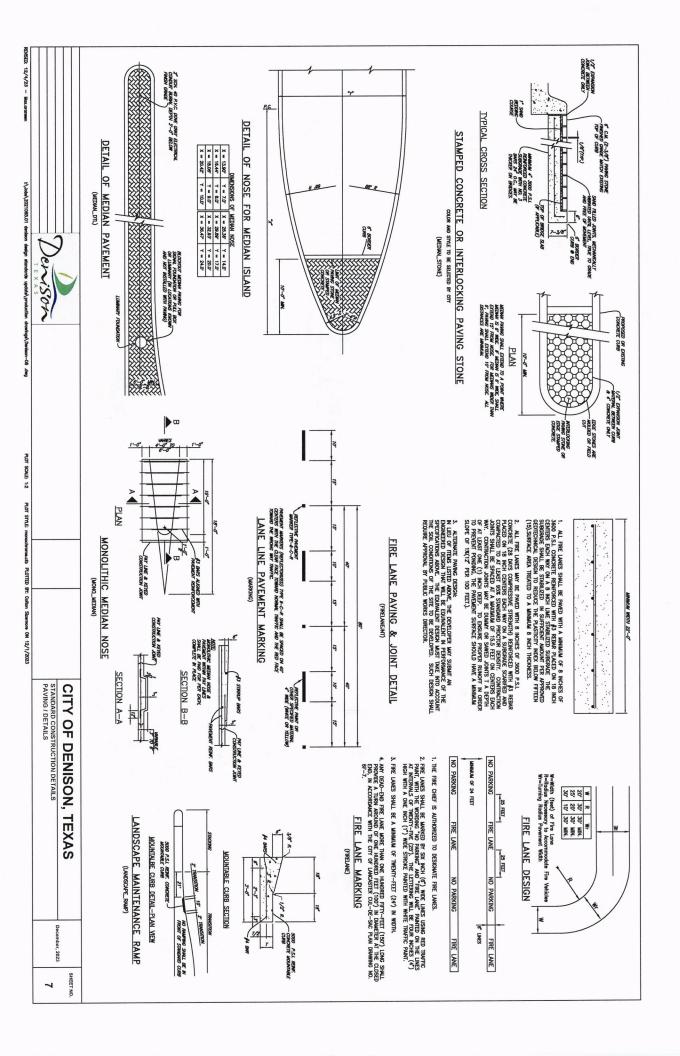


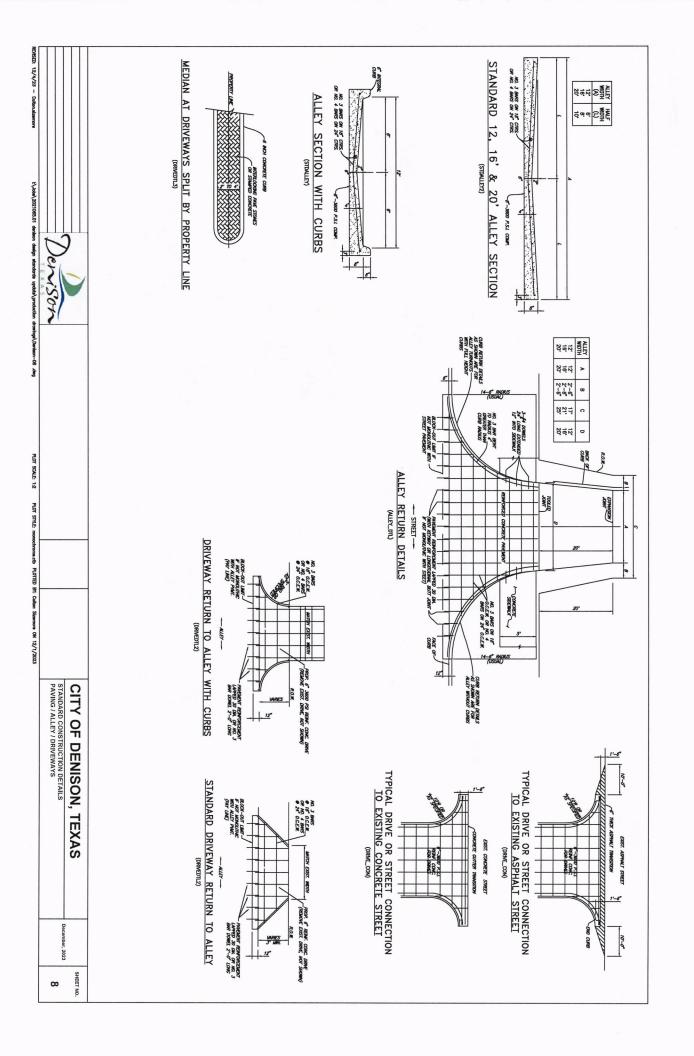


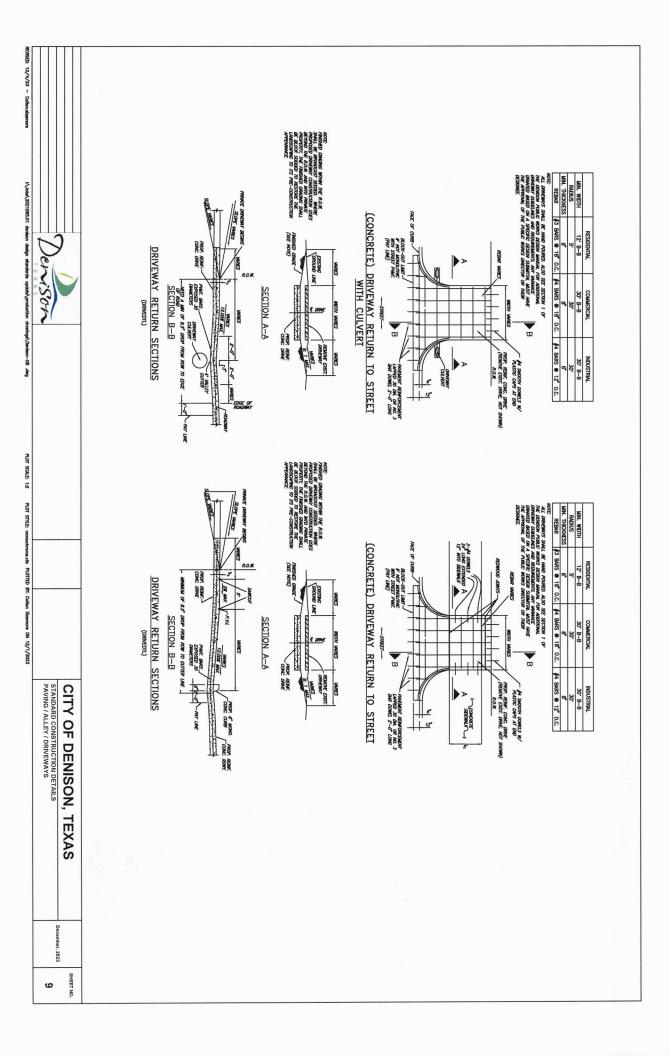


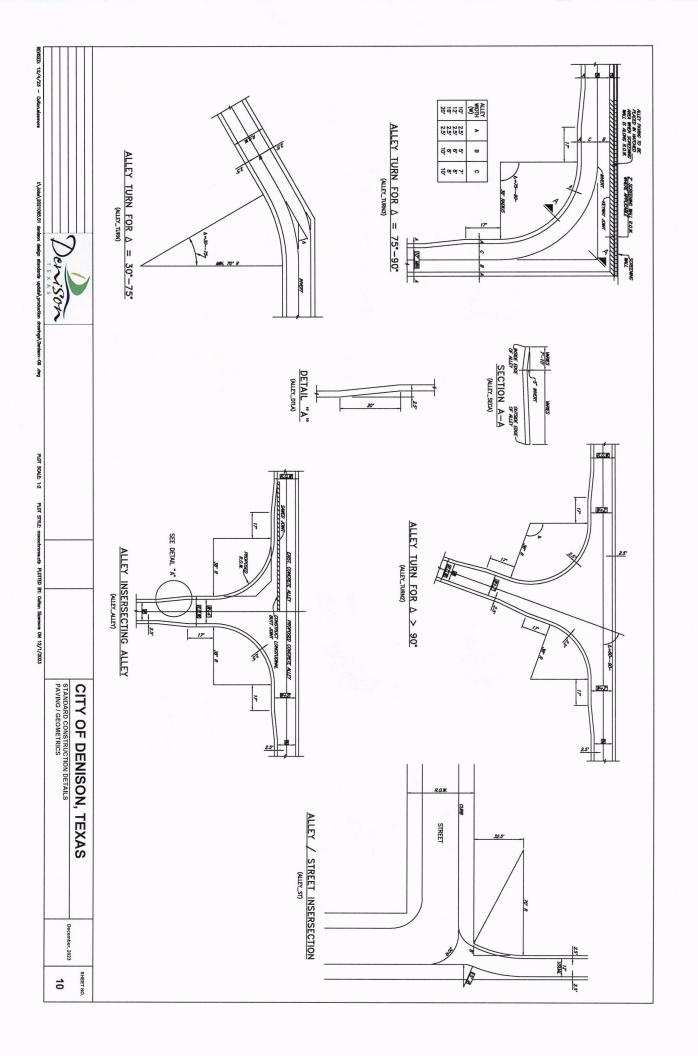


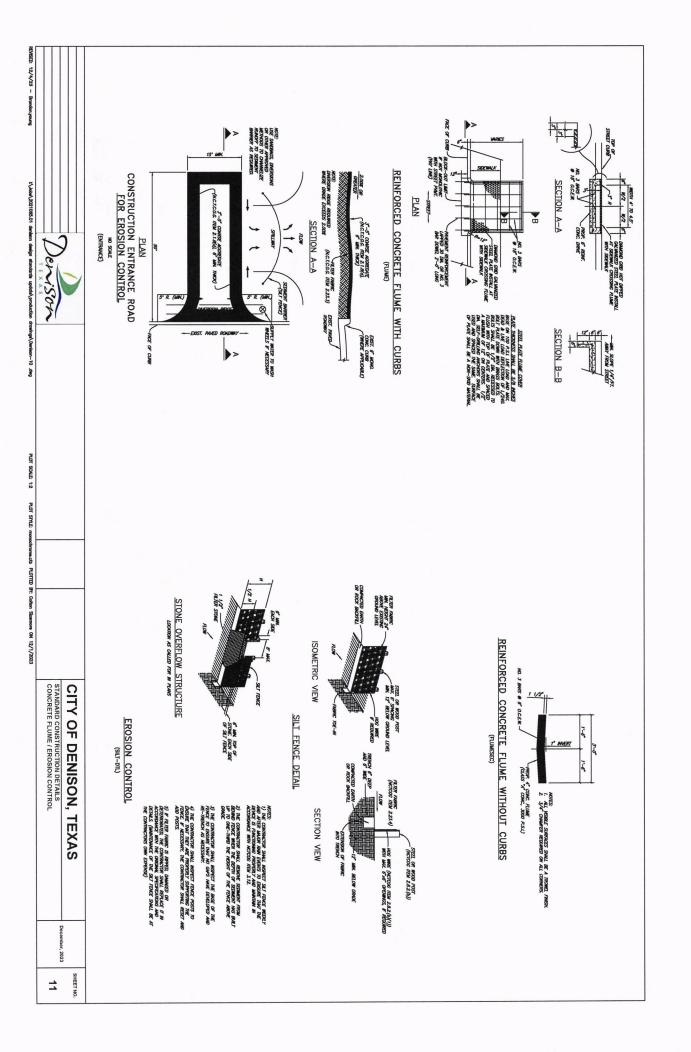


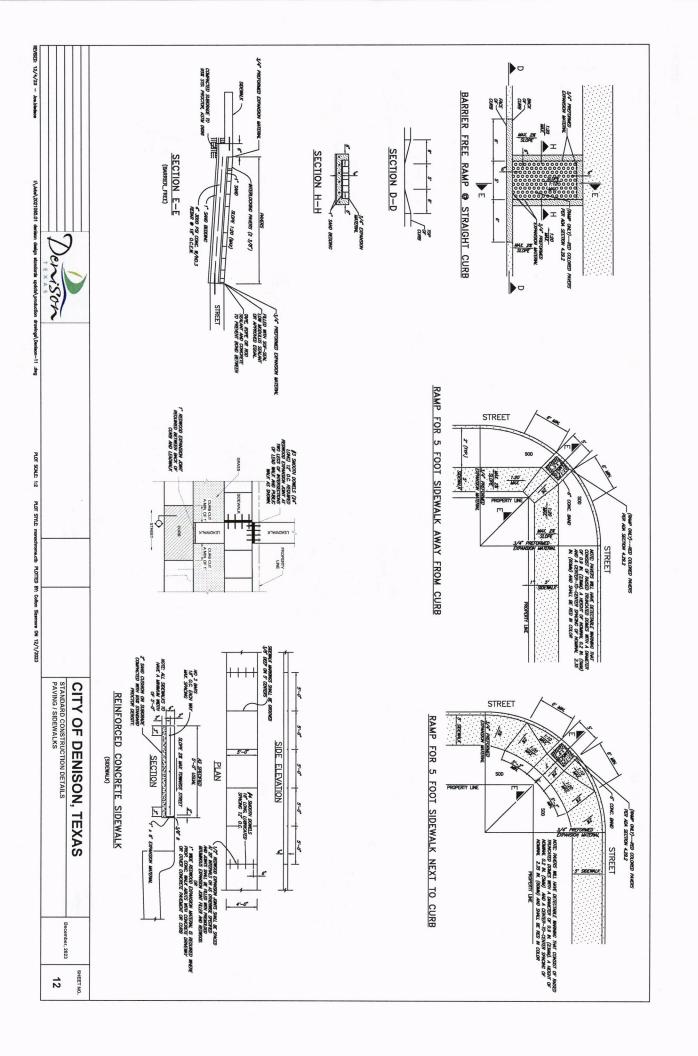


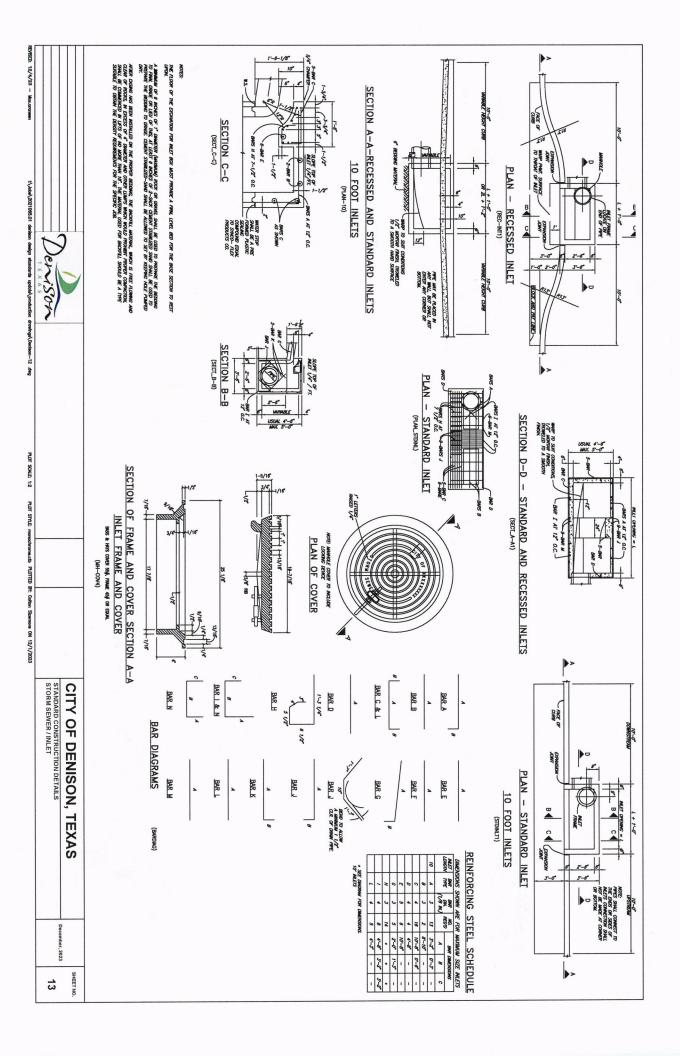


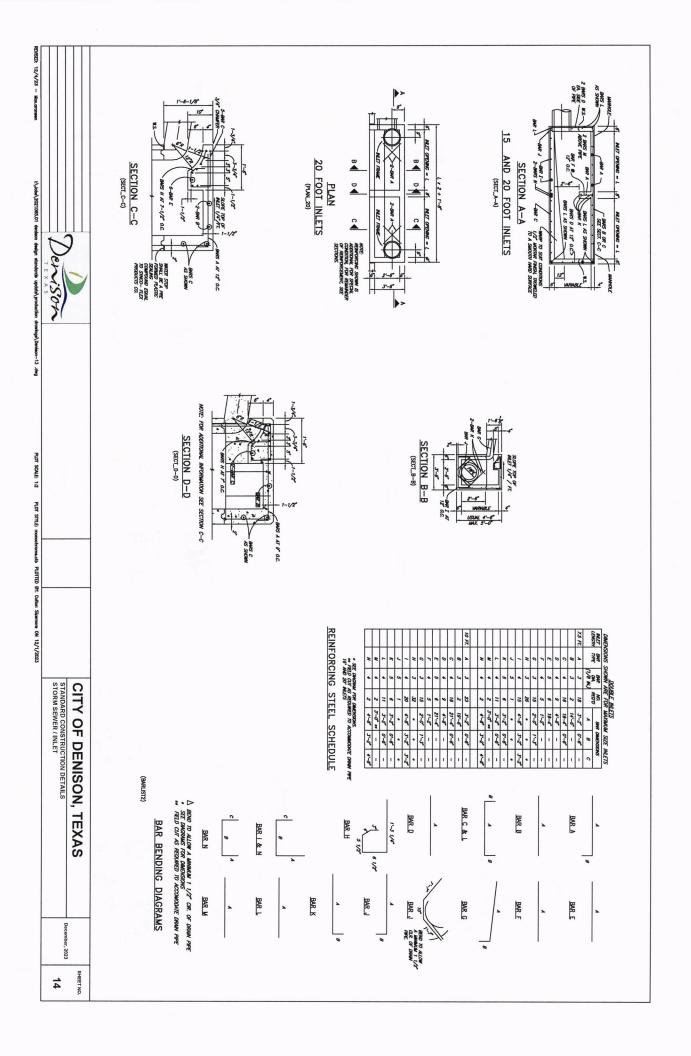


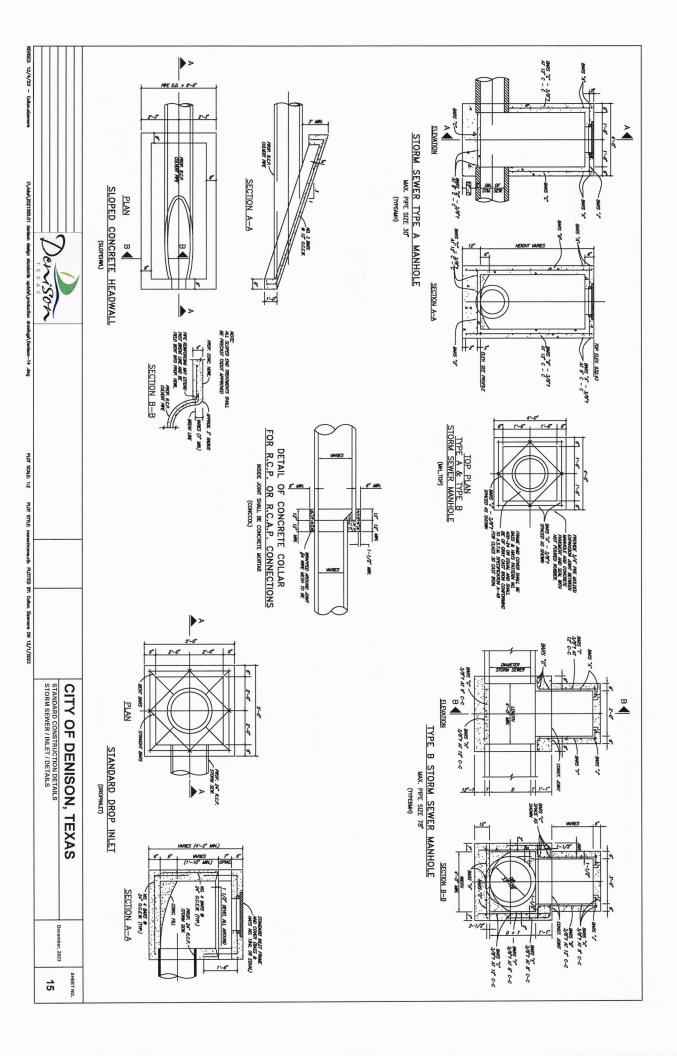


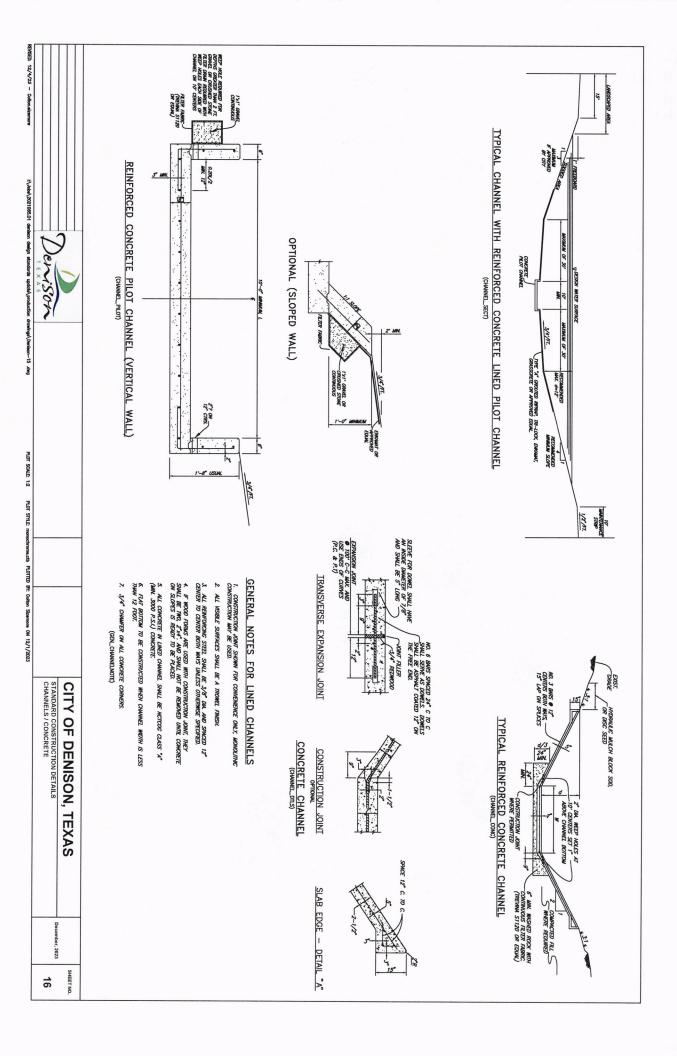


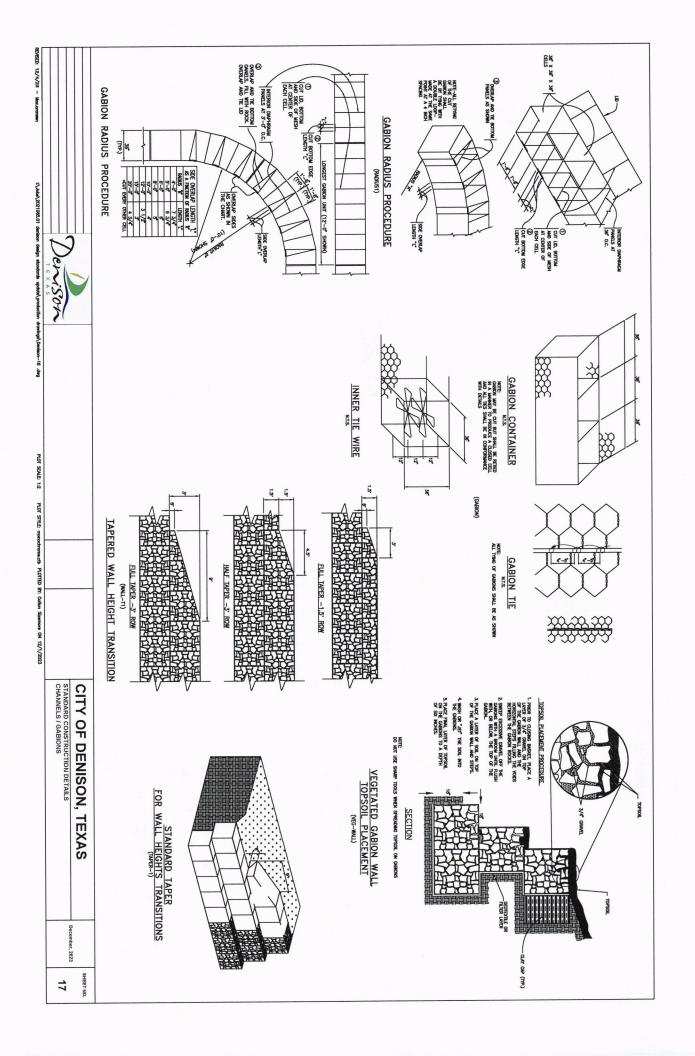


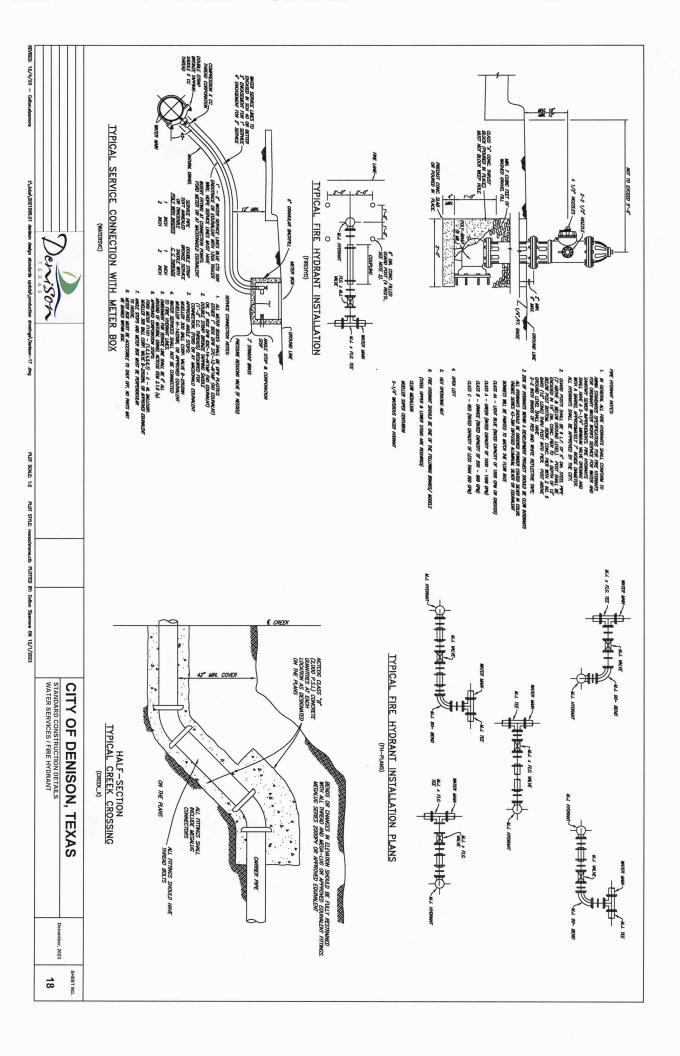


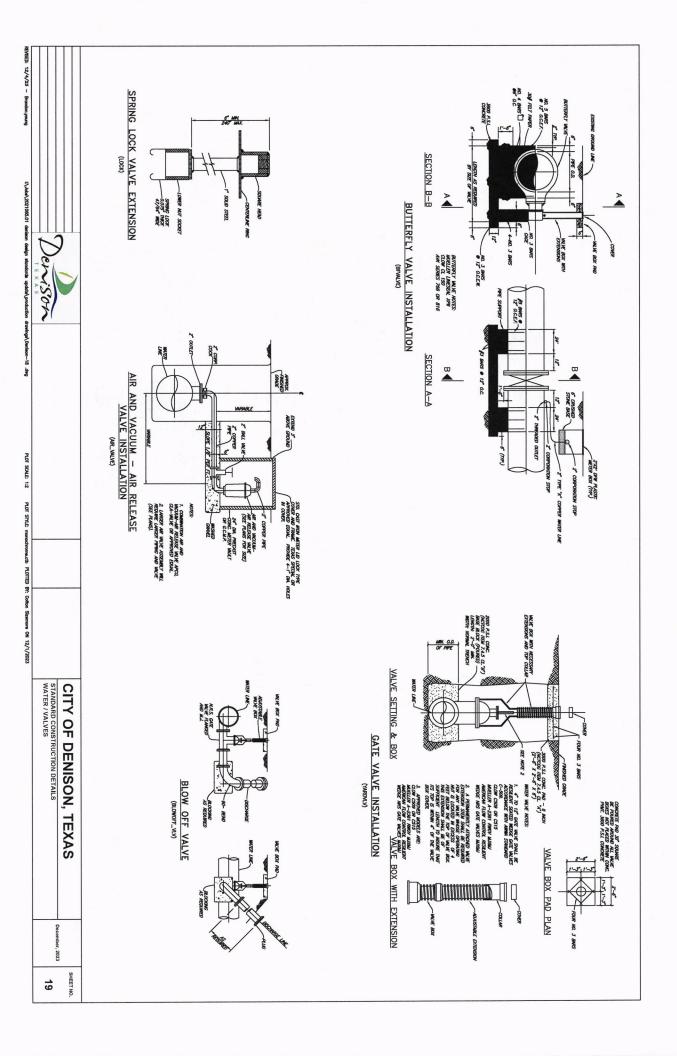


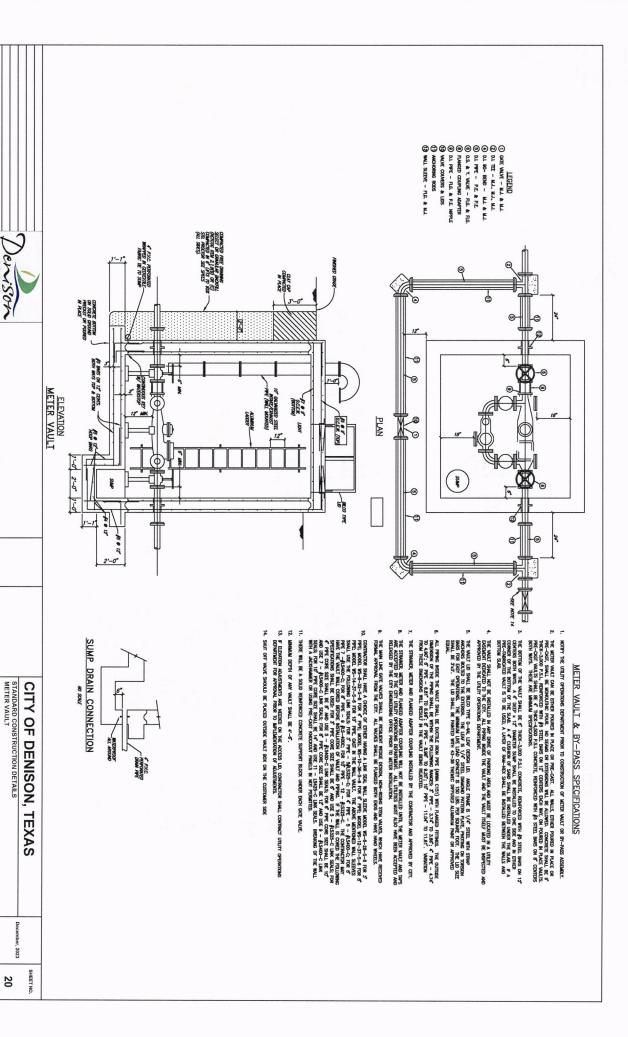












EVISED: 12/4/23 - Colton.sizemore

E\Jobe\2021065.01 denison design standards update\production drawings\Denison-19 .dwg denison

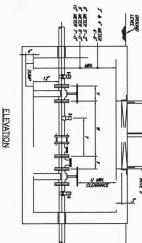
PLOT SCALE: 1:2

PLOT STYLE: monochrome.ctb PLOTTED BY: Colton Sizemore ON 12/1/2023

20

SEE NOTE 9 100 FOR REBUR SEE MOTE SEE NOTE 11 -SEE MOTE 2

PLAN



METER VAULT	PP-ADITION.
(METER_VAULTZ)	

METER VAULT

Sulle	12	c 45	MAN			
=	=	日		•	4	
		-m	Т		M	
	Ī	+	*			_
_	5				4	-
	F		CLEA	WIN.		NOIE S
L	_	-			+	7
					7	

METER VAULT & BY-PASS SPECIFICATIONS

- NOTEY THE UTILITY OPERATIONS DEPARTMENT PRIOR TO CONSTRUCTION OF METER VALLE OR BY-PASS ASSEMBLY.
- THE METER WAIT ON HE DIERS PORTED Nº PLACE OR PRÉ-MERIOSIED. ALL MILLS IMPRÈ PONDED Nº PLACE OR PRÉ-MERIOSIED. ALL MILLS METERS PONDED Nº PLACE DIERS FOR Nº CUI PONDED. Nº PLACE MUITS. PRÉ-MERIOSIED WAITS AND PLACE MUITS. PRÉ-MERIOSIED WAITS AND PLACE MUITS. PRÉ-MERIOSIED WAITS AND PLACE MUITS. PRÉ-MERIOSIED Nº PLACE MUITS. PRÉ-MERIOS
- THE BOTTOM OF THE WALLT SHALL BE IF THICK-SLOOD P.S.L COMPRETE, REDREVANCED WITH \$4 STEEL BARS ON 17 CONTROL SHIP WAS, A A CEEP 17 E DWARTER SHIP SHALL BE THE RESTALLED TO GHE EER AND IN THESE TOWNER OF THE SUBJAC A CONSIGN OF SHAN SHALL BE RESTALLED DRETHERS HAVE SHALL FA PRE-TABRECULD WALL IS TO BE USED, A LATER OF MAN-HAZY SHALL BE RESTALLED BETWEEN THE WALLS AND SOUTHER SUBJAC.
- The wall shall not be ristaled in any done of parong area and hist be located in a utility escapent deducing to the city. All physic associtie wall and the wall inself hist be inspected and approved by the utility operations department.
- The Constant beaution many 47-b leaded when the constant beautified as the constant beautified with the constant beautified with the constant beautified when the 11/4 size the measurement of the constant beautified when the 11/4 size the measurement of the constant beautified when the constant beautified with the constant beautified
- ALL PRING MEDIC THE WALT SHALL BE DUTILE BOOM PPE WITH FLANED TITINGS. THE OUTSIDE DIMENSION OF THE PRING WHEN BE PRILLED AND T IN LESS, T PRE T T LAST, T D LAST, T D LAST, T D LAST, T D LAST, T LAST T LAST T LAST, T LAST T LA
- The strangr, metry and planged adapter coupling will be provided and installed by the city at the comparisons expose.
- THE STRANER, METER AND FLANED AMPTER COMPING MEL NOT RE KEIZLED UNIT, THE METER WILT AND TAGS ARE ACCEPTED BY THE CITY LITLIF OPENINGSE, EACH LITLIFES MIST ALSO HAVE BEEN ACCEPTED AND RELEASED BY THE CITY ENGINEEZHING OFFICE PRIOR TO METER INSTALLATION.
- THE COMMANDER SMALL HARD, HE SP-MASS AND METRY TEST MAY ARROUT THE MAILT, IF THE SERVING IS TO RE-URED SHEARTH OR A DOMESTION OF METRY OF PREMIUTH OF MERCHANDER, MAY AN OF HE SERVING IS NO HE FOR A HARD FREE AT METRY METAPHANDER THE SERVING IS CORD STRETTLY FOR MERCHAND MAY A REQUIRED. THAN A MAST FREE AT METAL ON LACAD THE METAPHAND METAPHAND METAPHAND THE MALL ALL THAN SHALL REF, AND THE COMMINION SHALL BENEAU, METAPHAND SERVING SHOOLED WITH SHAKES HEPTLES AND NO. 7500 OND SHAKES OR APPRINDED DUAL WHERE WALLESSAMED SERVING SHOOLED WITH SHAKES HEPTLES AND NO. 7500 OND SHAKES OR
- THE WAN LINE CATE WLVES SHALL BE RESILENT WEDGE DESIGN, NON-RISING STEM VALVES, WHICH HAVE RECEIVED FORMAL APPROVAL FROM THE CITY. ALL VALVES SHALL BE FLANCED BOTH ENDS AND HAVE HAVIO WHEELS.
- 12. THERE WILL BE A CONCRETE SUPPORT UNDER EACH GATE VALVE.
- 13. MINIMUM DEPTH OF ANY VAULT SHALL BE 4'-6".
- 14. IF ELEVATION ADJUSTIMENTS ARE NEEDED ON THE ACCESS LID, CONTRACTOR SHALL CONTRACT UTILITY OPERATIONS DEPARTMENT FOR APPROVAL PRIOR TO IMPLEMENTATION OF ADJUSTMENTS.
- 15. SHUT OFF VALVE SHOULD BE PLACED OUTSIDE WALLT BOX ON THE CUSTOMER SIDE

CITY OF DENISON, TEXAS

STANDARD CONSTRUCTION DETAILS METER VAULT

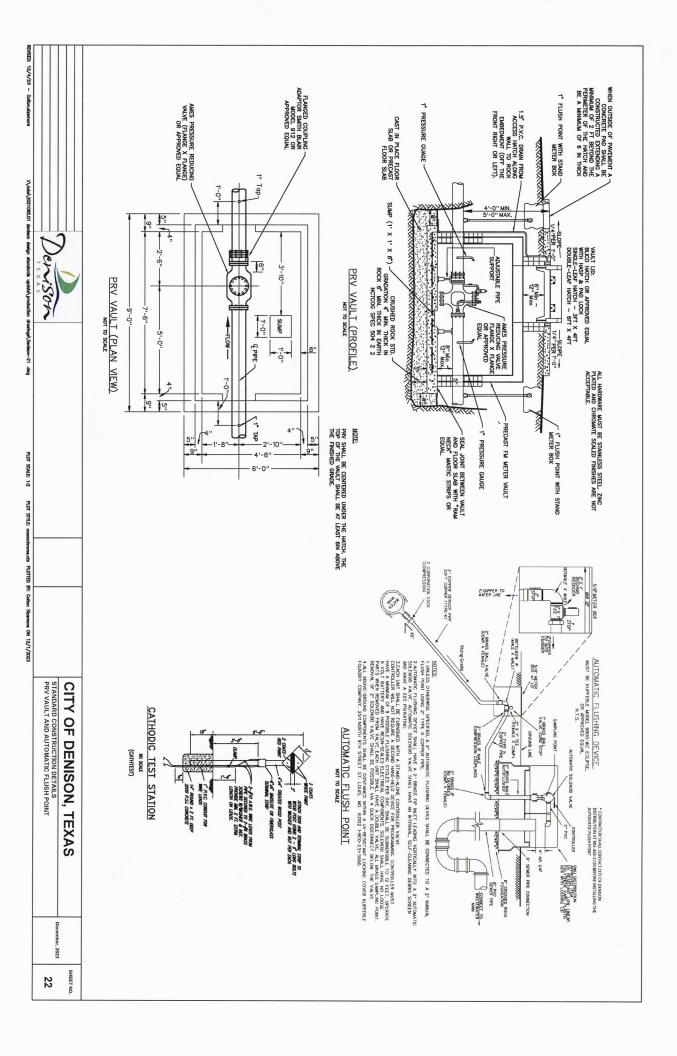
December, 2023

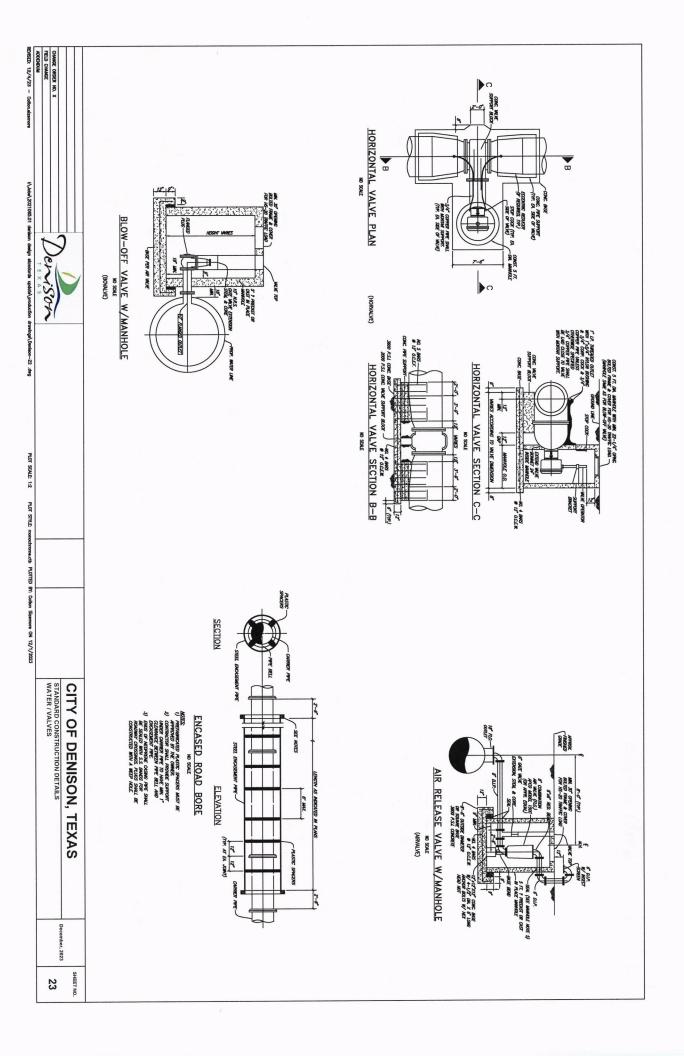
2

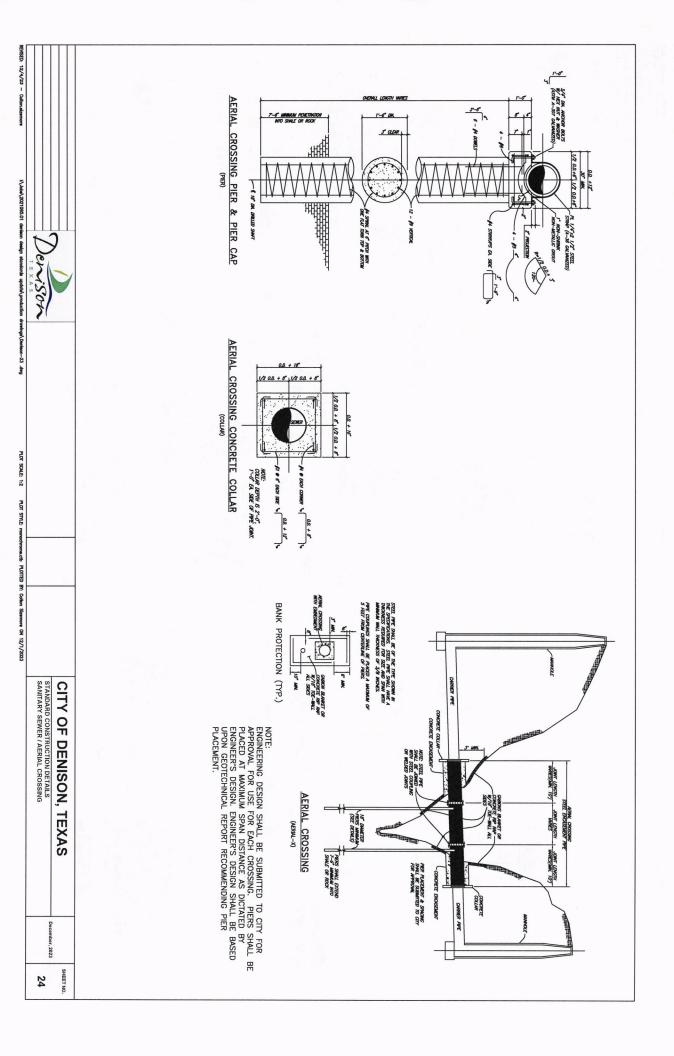
SHEET NO.

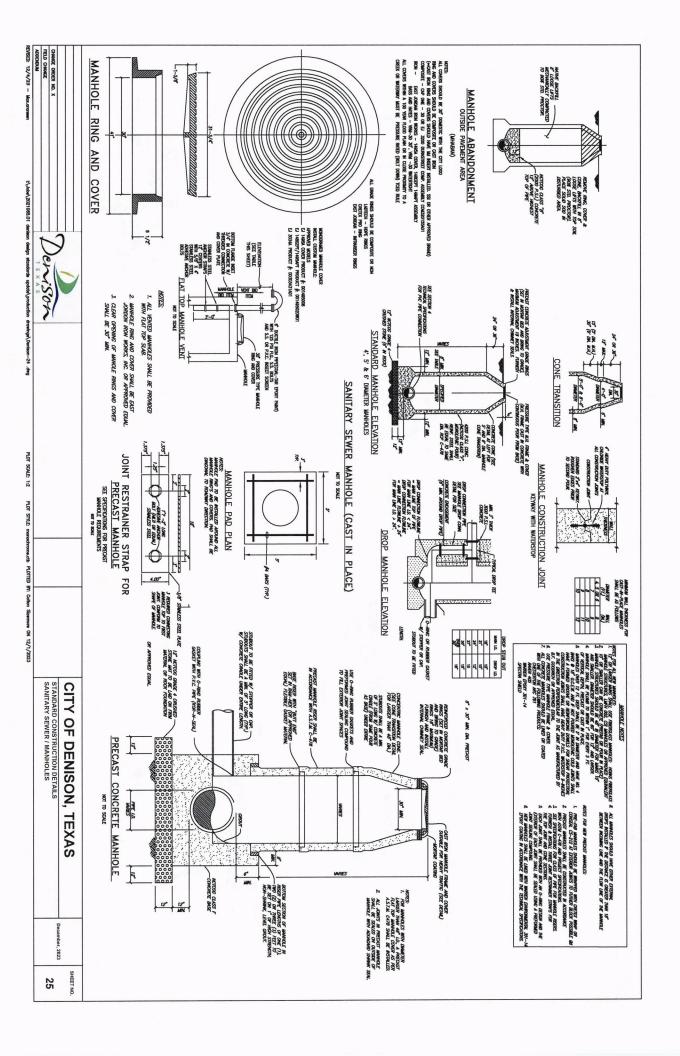
Jenison

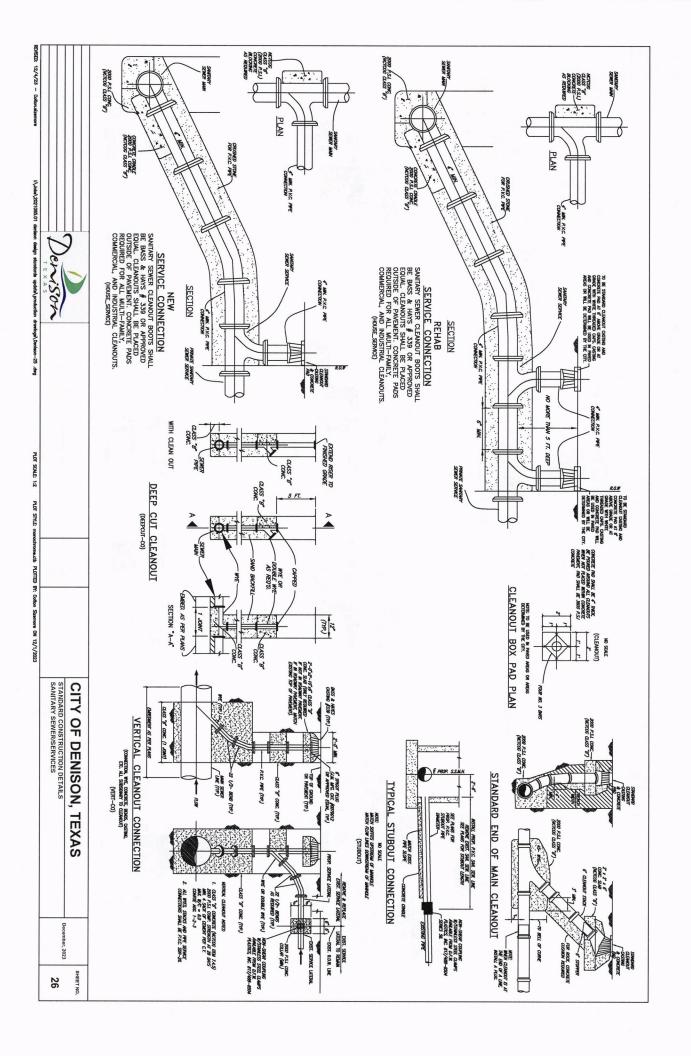
12/4/25 - Coltonaizemore

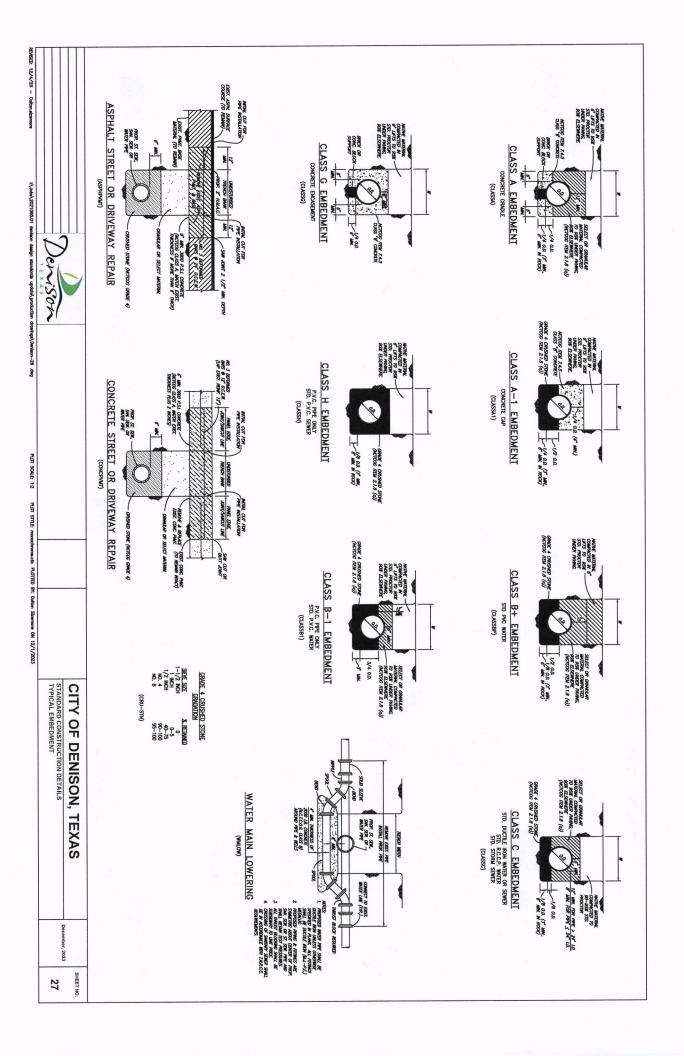


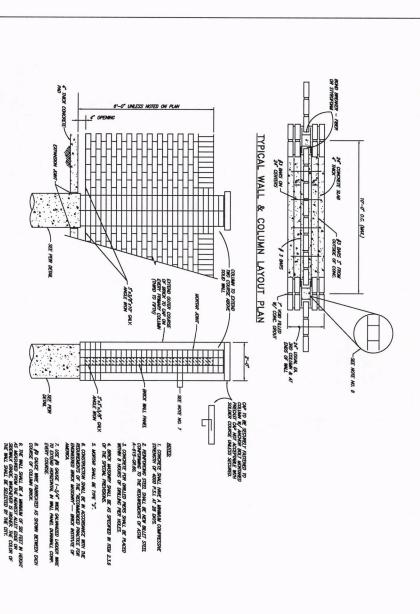












PIER DETAIL (WALLPIER)

LAMS GETTING WO B! 3

ECTEND 4-\$5 BARS

CHAPTE COMP. STRENGTH—4000 P.S.L. EMFORCEMENT STEEL — ASTM A815 — GR 80. EMFORCEMENT OF HOLE PRIOR TO PLACEMENT F COMPRETE. SHALL BE PLACED WITHIN 8 HOURS



THIN WALL BRICK SCREENING WALL ELEVATION



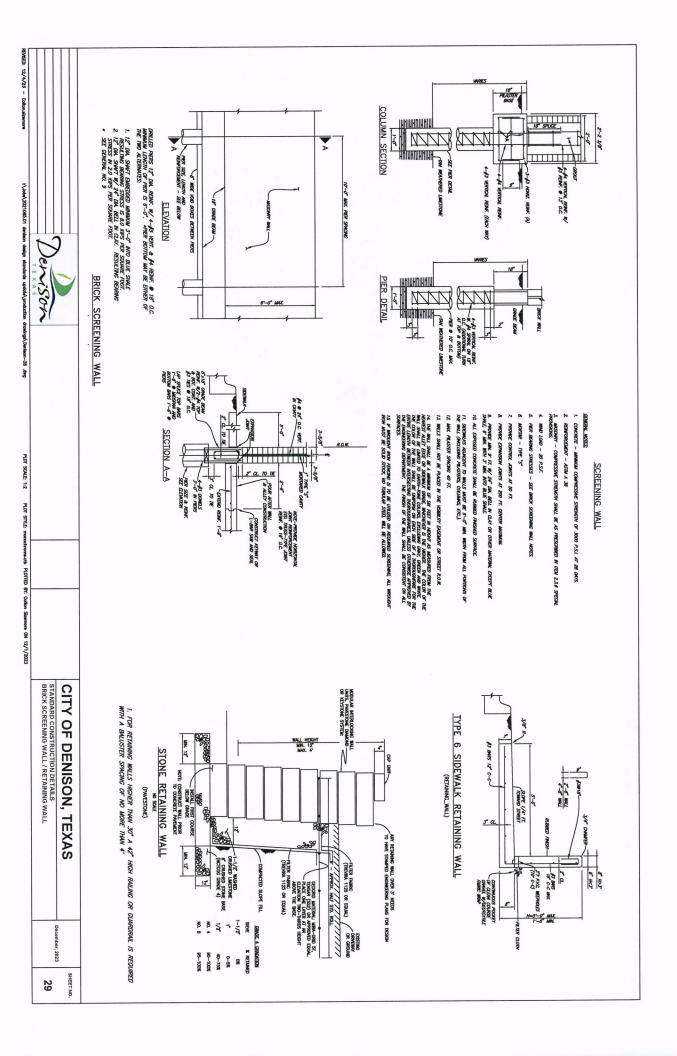
STANDARD CONSTRUCTION DETAILS THIN BRICK SCREENING WALL

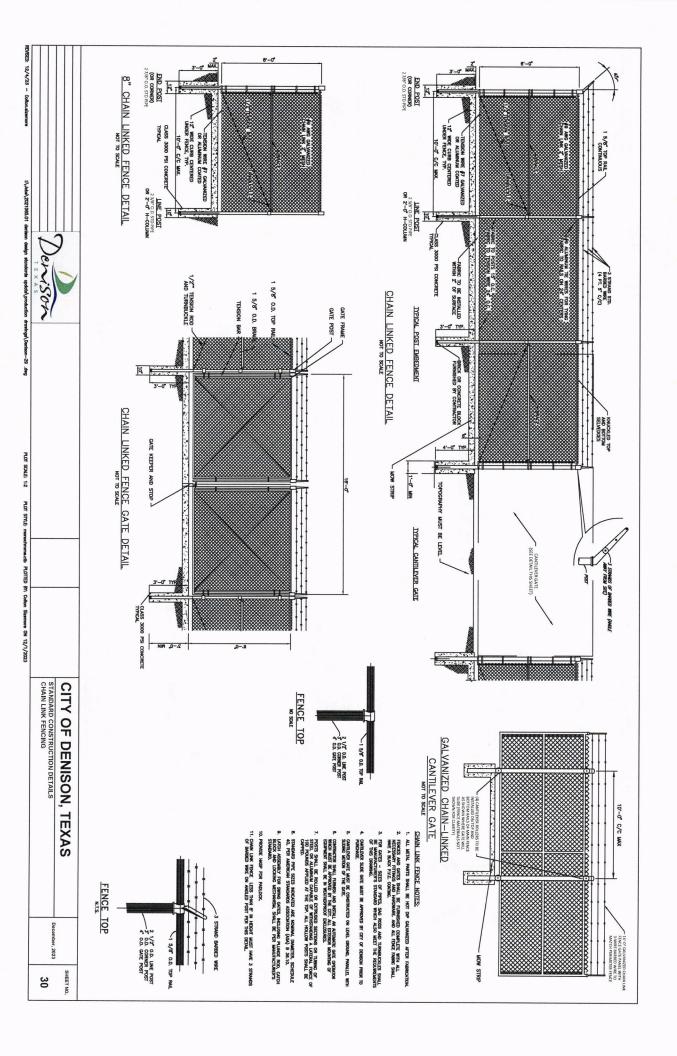
28

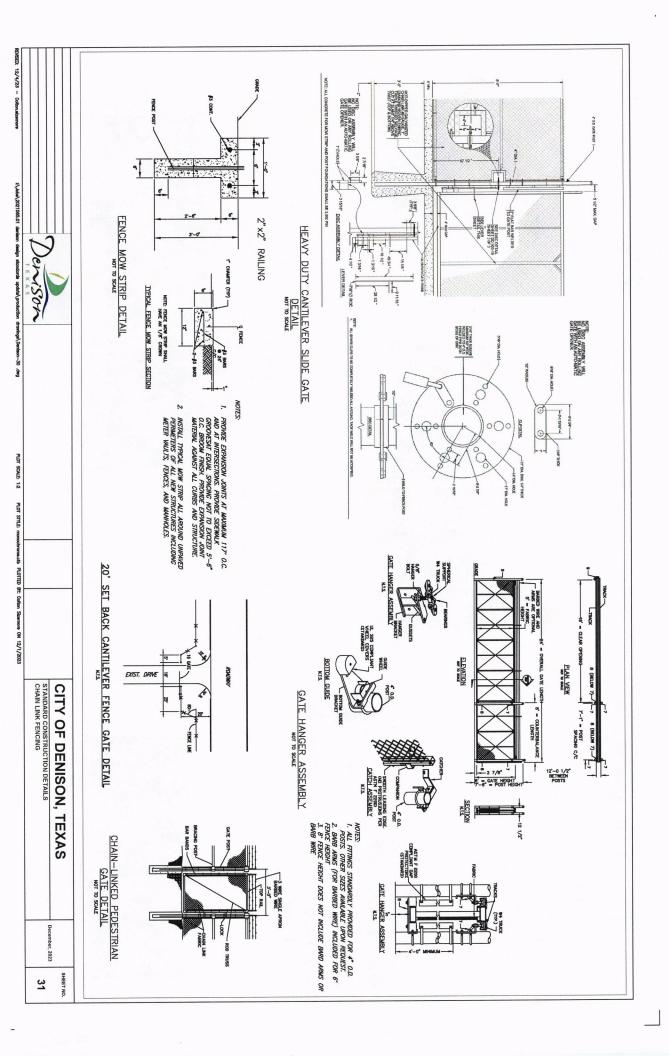
SHEET NO.

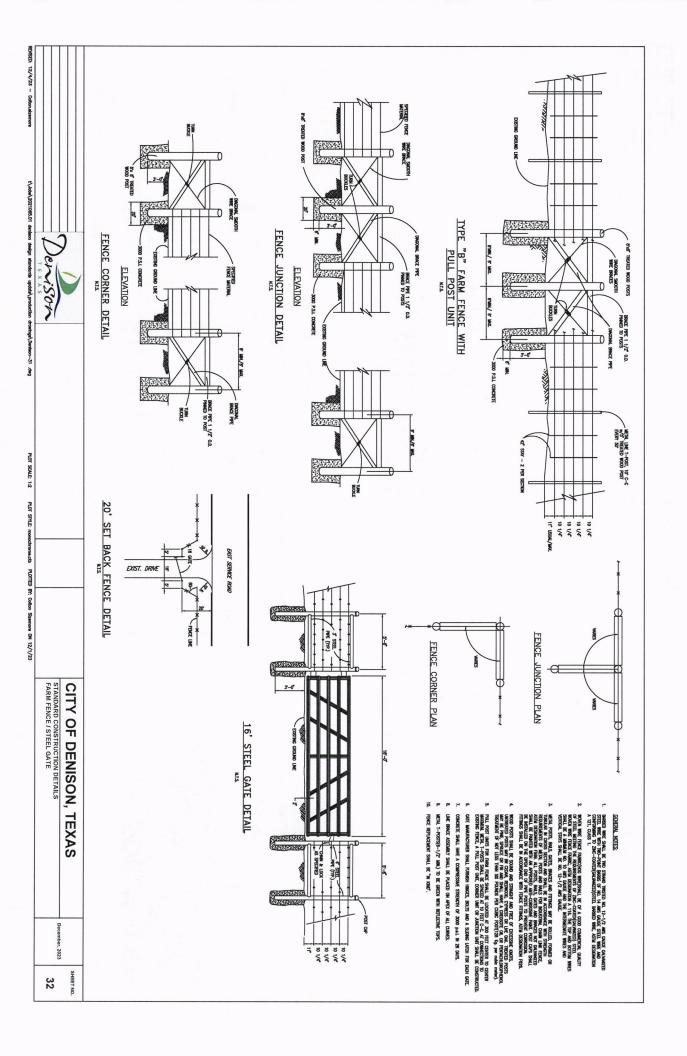
t\Jobe\2021065.01 denison design standards update\production drawings\Denison-27 .dwg Denison

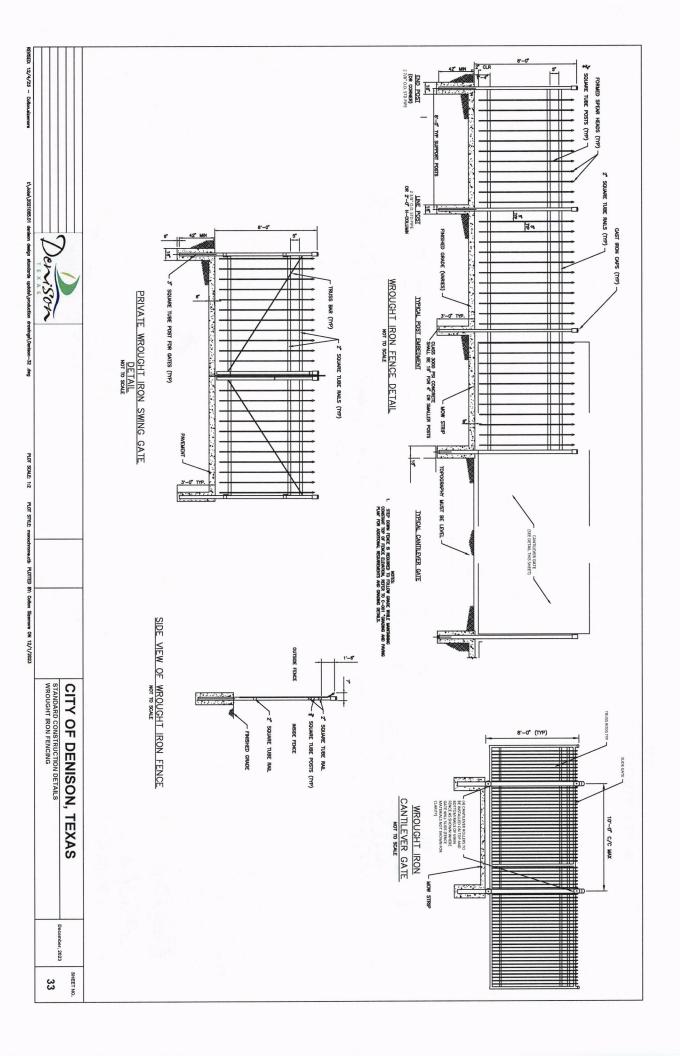
PLOT STYLE: monocl ome.ctb PLOTTED BY: Colton Sizemore ON 12/1/2023

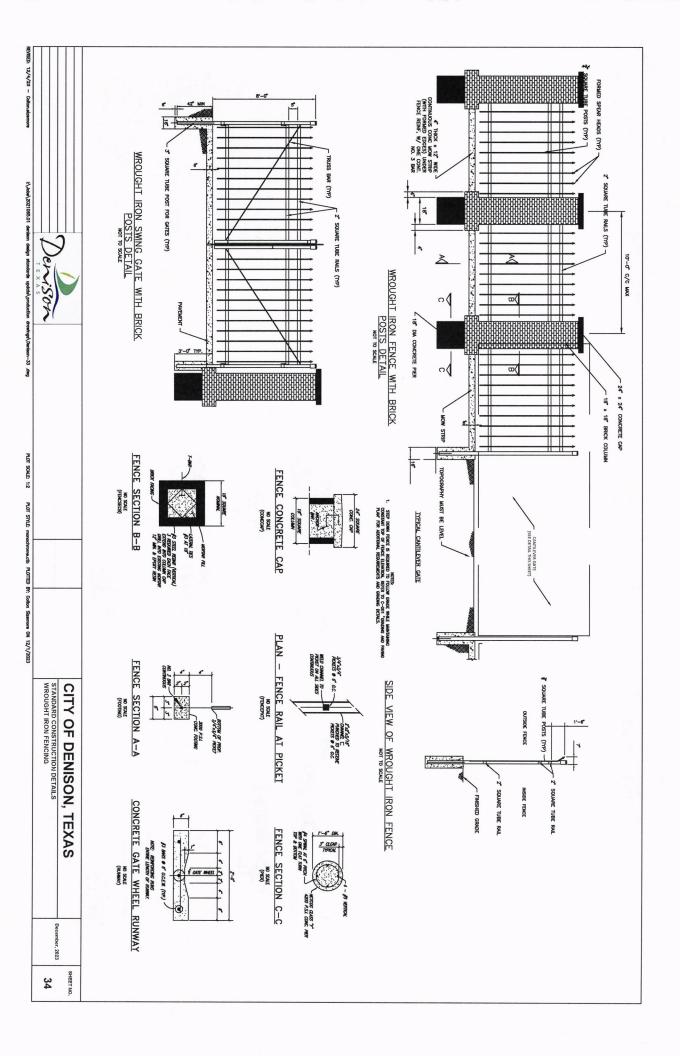










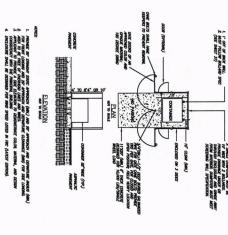


CHEMPAC CONTAINERS AND RECURSION DIE SCREEDED ON ALL SIESS, AND
SIENCETED SO AST DIE ACCESSIERE TO OMBORGE TRUCKS. APPLIANTE SEMBITIERE SO AST DIE ACCESSIERE TO OMBORGE TRUCKS. DOCUMENTETON OF
REQUIRED DICULGARE SOULD ER FAMALIN METH THE RECURSIONETS OF THE ZORDE
NAMACE AND THE MANIMUM SEMMINGES AMPTETED HY THE CITY.

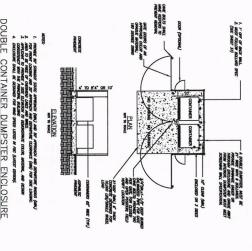
THE MARMANI HEIGHT OF THE SCREEDINGS OFFETS OF THE CITY. THOSE OR REJUSE
THOMASO S 6 4 TEET AND THE MANIMUM HEIGHT OF 8 -4 , DOZETT FOR WIL. WH AND
ADMINISTRATION DOCUMENT THE MANIMUM HEIGHT OF THE SCREEDING OFFETS OFFETS THE MANIMUM HEIGHT OFFETS THE MANIMUM HEIGH

MILLS Y HOM OLI HOMES GOTTE Y ELLIGNER ON FIREAGLY "NATIONAL SHORT IN SECTIONS ON THE SECTIONS ON THE SECTIONS ON THE SECTION OF THE SECTION

PADPERT OWNER MUST COMMATT THE ENGINEERING SERVICES TO DISCUS PROPER SIZE UNITITY OF DUMPSTERS/COMPACTORS NEEDED TO DISJURE ADEQUATE STORAGE AND TOLLECTION AND SERVICE NEEDS. R MORE INFORMATION ABOUT THE MINIMUM STANDARDS FOR DUMPSTER ENCLOSURES. THE ENGINEERING DEPARTIMENT.



SINGLE CONTAINER DUMPSTER ENCLOSURE



DOUBLE CONTAINER DUMPSTER ENCLOSURE

Denison

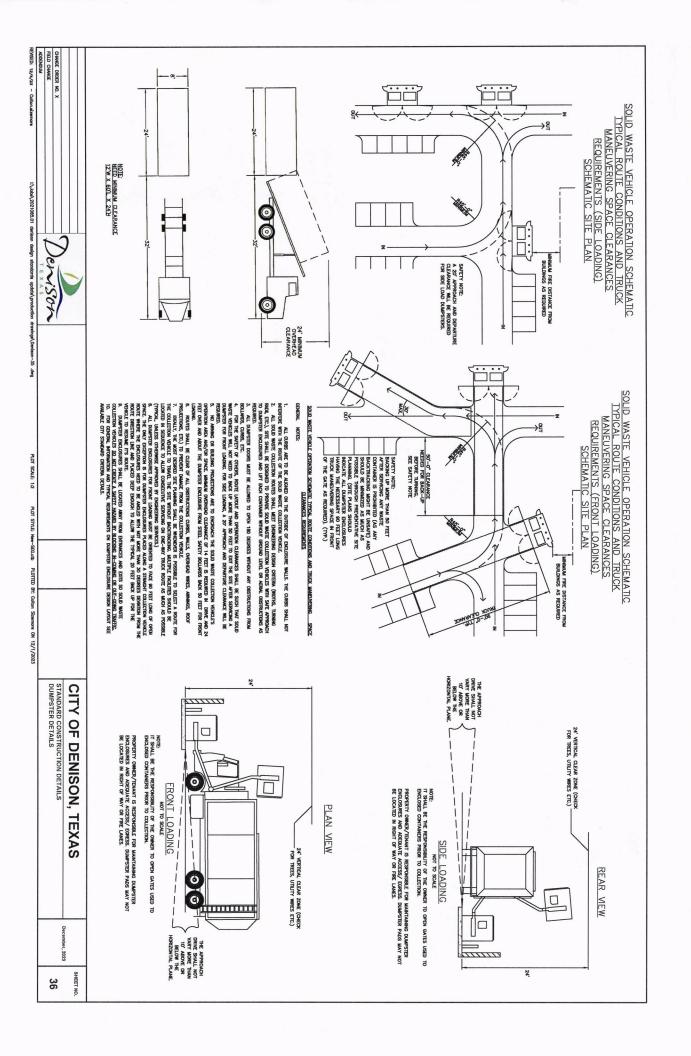
CITY OF DENISON, TEXAS

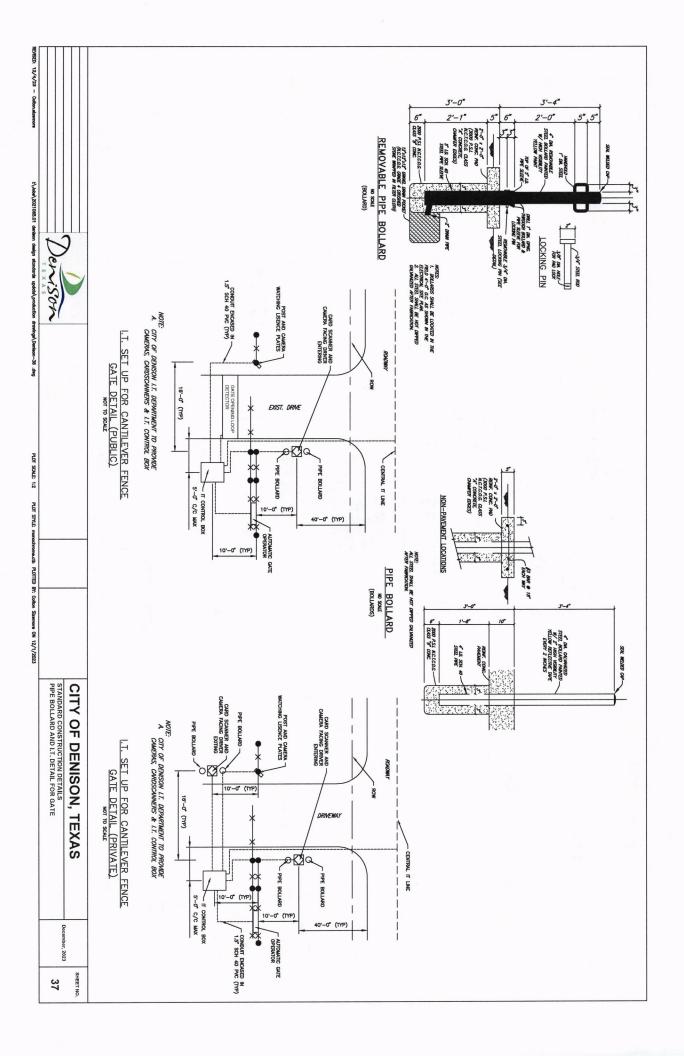
STANDARD CONSTRUCTION DETAILS DUMPSTER DETAILS

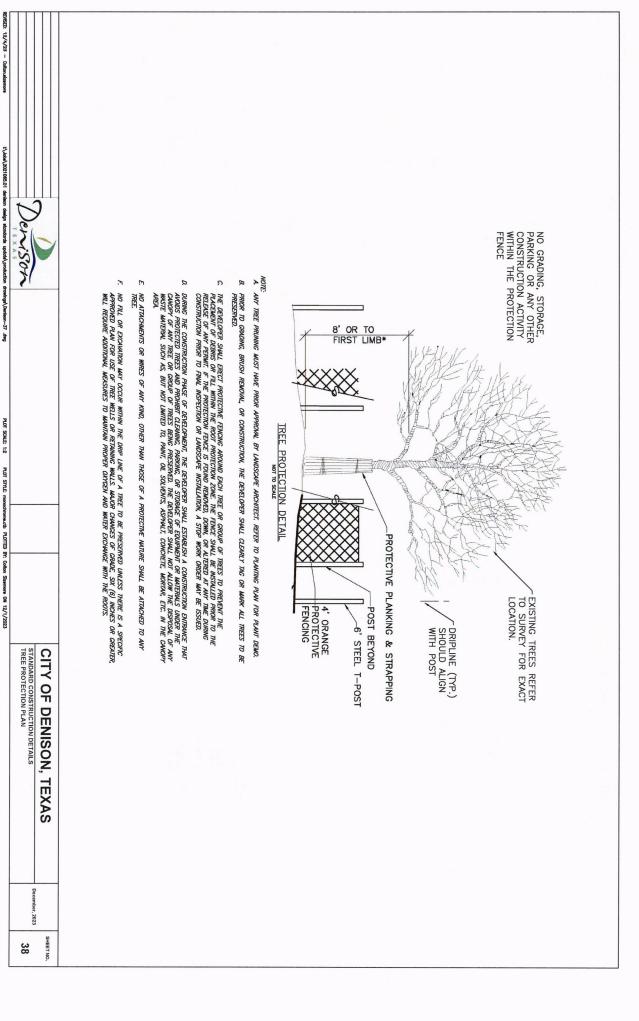
December, 2023 SHEET NO.

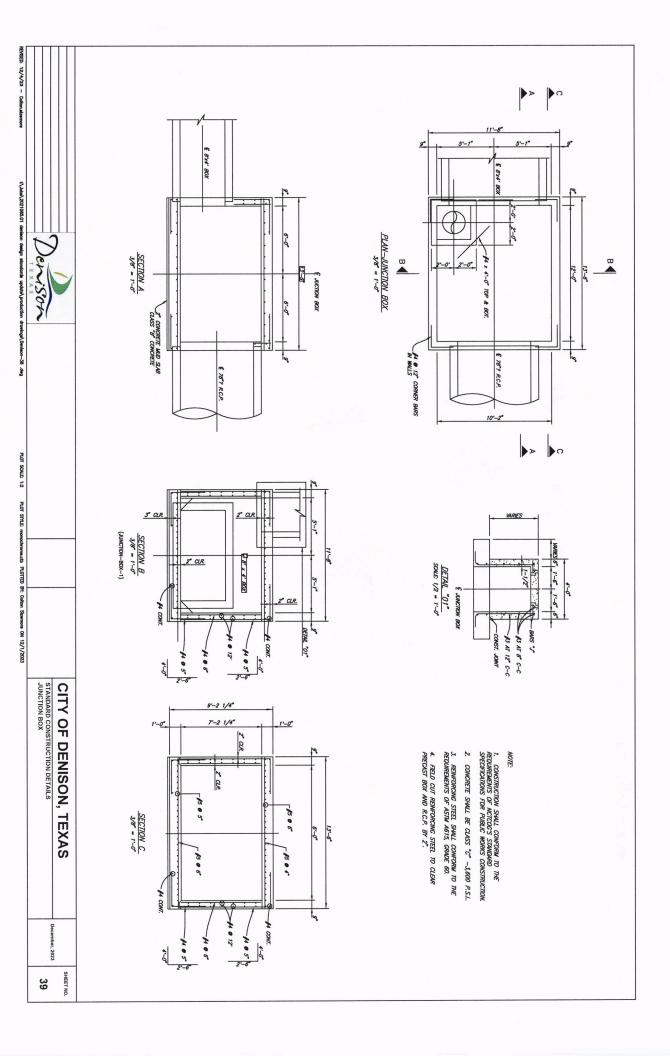
35

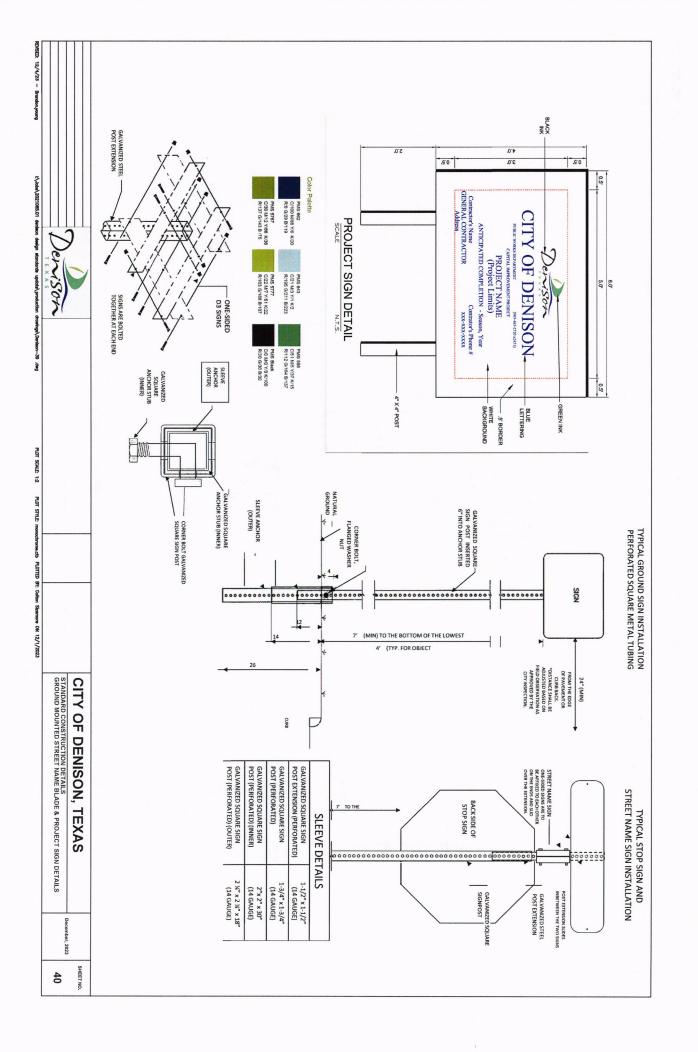
CHANGE ORDER NO. X





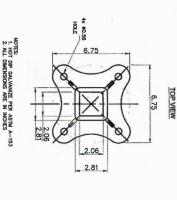


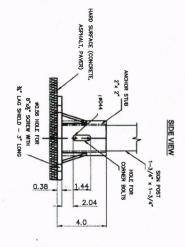




TYPICAL HARD SURFACE INSTALLATION GALVANIZED SIGN BASE (USED <u>ONLY</u> WHEN UNDERGROUND CONDITIONS PROHIBIT USE OF STANDARD ANCHOR SLEEVE — APPROVAL FROM PUBLIC WORKS DIRECTOR OR DESIGNEE NEEDED PRIOR TO USE)

1/2" FLAT WASHERS, LOW CARBON, SAE, ZINC PLATED





8" HEX LAG SCREWS, HOT DIPPED GALVANIZED



ANCHOR LAG SHIELD - ZINC ALLOY

_			
1/2"		DIAMETER	
0.515	MAX.	BODY DI	
0.482	MIN.	AMETER	
0.75	MAX.	WIDTCH	_
0.725	MIN.	ACROSS ITS	
0.866	MAX.	WIDTO	
0.826	MIN.	ACROSS	6
0.75	MAX.	Æ	
0.725	MN.	GHT	1
co		LENGTH	_
	0.482 0.75 0.725 0.866 0.826 0.75	MIN. MAX. MIN. MAX. MIN. MAX. 0.482 0.75 0.725 0.866 0.826 0.75	BODY DIAMETER WIDTCH ACROSS WIDTCH ACROSS HEIGHT

LAG THREAD SIZE 1/2"

DRILLED HOLE SIZE

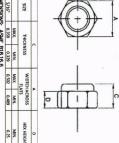
DIMENSIONS: ASME B18.21.1, TYPE A PLAIN WASHERS MATERIAL: CARBON STEEL FINISH: Fe/Zn 3AT PER ASTM F1941

HEX NYLON INSERT LOCKNUTS (NE), GRADE 8, YELLOW ZINC PLATED

SIZE

SAE FLAT WASHERS

THICKNESS-TH



DIMENSIONS: ASME B18.18.8 MATERIAL: CARBON STEEL GRADE 8 PER ASME B18.18.8, NYLON % THREAD REQUIREMENTS: ASME B1.1 UNC& UNG CLASS 2B



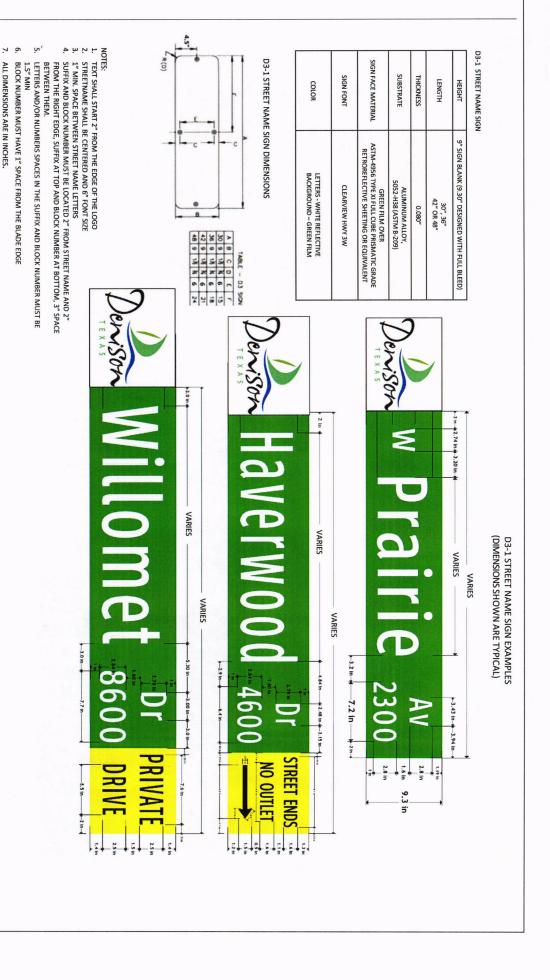
CITY OF DENISON, TEXAS

STANDARD CONSTRUCTION DETAILS TYPICAL HARD SURFACE INSTALLATION SIGN BASE DETAILS

December, 2023

SHEET NO.

REVISED: 12/4/23 - Colton.sizemore



EVISED: 12/4/23 - Colton.sizer

2021065.01 denison design standards update\production drawings\Denison-41 .dwg

SIGN LENGTH WILL BE DICTATED BY THE NUMBER OF LETTERS IN THE NAME

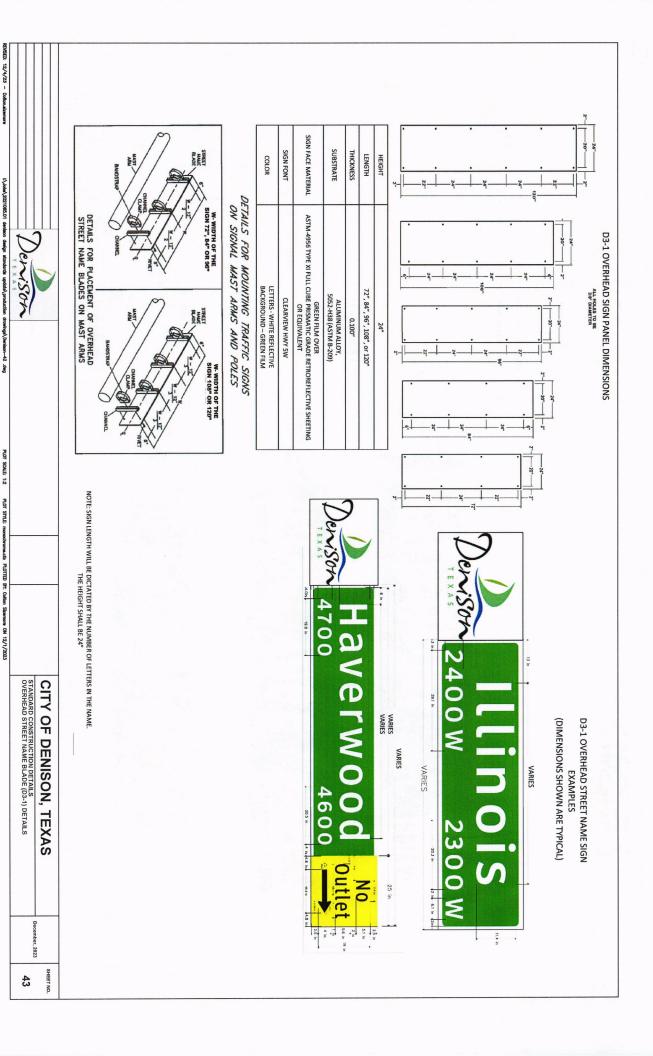
ALL STREETNAME SIGNS SHALL HAVE 1/4" DIAMETER HOLES DRILLED ON EACH END AND AFFIXED TOGETHER.

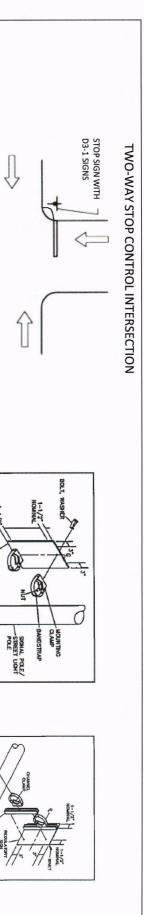
PLOT SCALE: 1:2 PLOT STYLE: monochrome.ctb PLOTTED BY: Colton Sizemore ON 12/1/2023

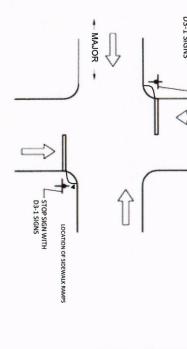
CITY OF DENISON, TEXAS
STANDARD CONSTRUCTION DETAILS
GROUND MOUNTED STREET NAME BLADE (D3-1) DETAILS

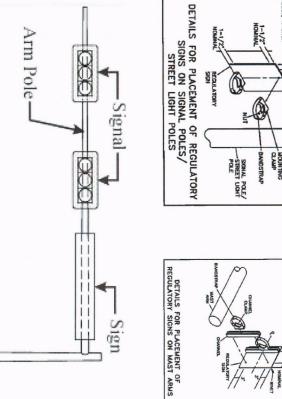
2023

42







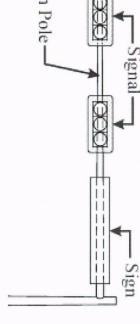


**STOP SIGNS ARE TO BE INSTALLED IN ADVANCE OF CROSSWALK AND RAMP

ALL-WAY STOP CONTROL INTERSECTION

STOP SIGN WITH -D3-1 SIGNS

- TYPICAL "STOP"
SIGN LOCATION



TYPICAL SIGN PLACEMENTS ON SIGNAL MAST ARMS

MAJOR

TYPICAL "STOP" -

D3-1 SIGNS



CITY OF DENISON, TEXAS

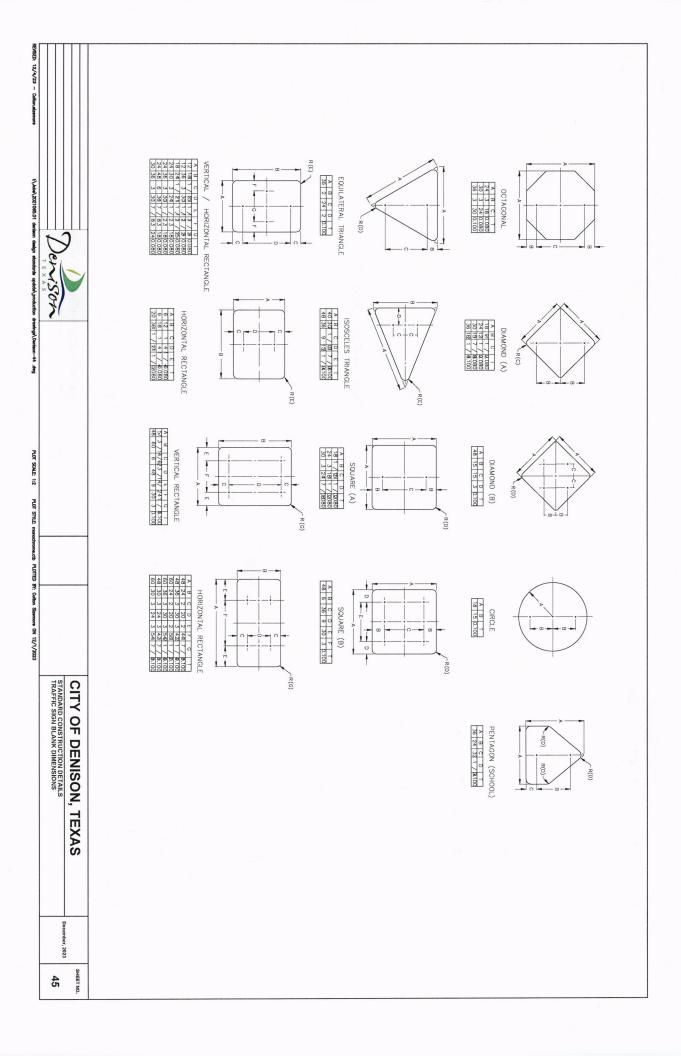
STANDARD CONSTRUCTION DETAILS
TYPICAL STREET NAME SIGN PLACEMENTS

PLOT SCALE: 1:2 PLOT STYLE: monochroma.ctb PLOTTED BY: Colton Sizemore ON 12/1/2023

December, 2023

SHEET NO.

44

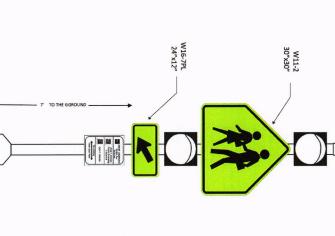




Poles are 4-1/2" O.D. with a spun pole aluminum finish. Threaded on one end to insert into the square aluminum base. 18" anchor bolts in 24" diameter pier 3-foot minimum depth.

S5-1 24"x48"

SPEED LIMIT



24"x24"

CELL PHONE USE PROMBITED UP TO \$200 FINE

W11-2 30'x30' 24'x12'

Dervison

*INSTALL A 12" WHITE TRANSVERSE LINE ACROSS THE FULL PAVEMENT
WIDTH TO MARK EACH END OF ESTABLISHED REDUCED SCHOOL
SPEED LIMIT WITHIN THE SCHOOL ZONE IN ACCORDANCE WITH TMUTCD SECTION 7C.03

CITY OF DENISON, TEXAS

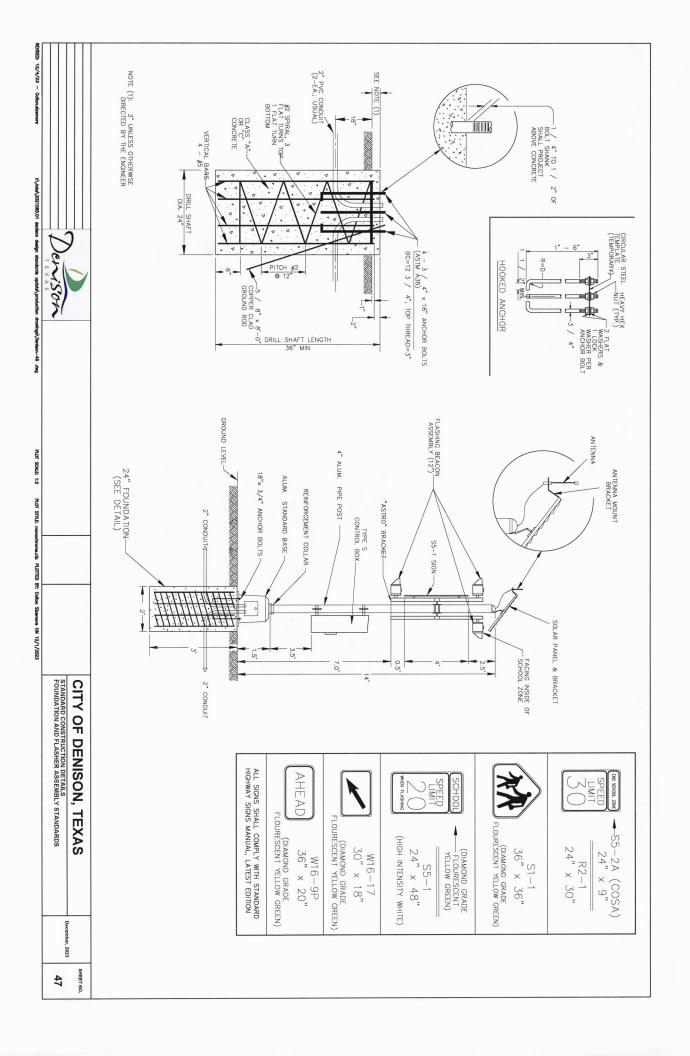
STANDARD CONSTRUCTION DETAILS
TYPICAL SCHOOL ZONE FLASHER ASSEMBLY

December, 2023

SHEET NO.

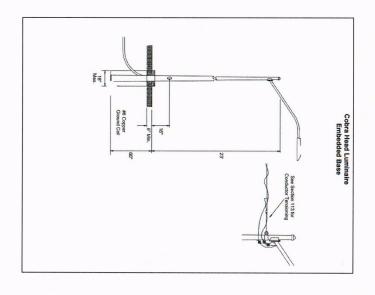
46

REVISED: 12/4/23 - Colton.sizemon









STANDARD CONSTRUCTION DETAILS STREET LIGHT DETAILS

December, 2023

48

SHEET NO.

PLOT SCALE: 1:2 PLOT STYLE: monochrome.ctb PLOTTED BY: Colton Sizemore ON 12/1/2023

REVISED: 12/4/23 — Colton.sizemore

k\Jobe\2021065.01 denison design standards update\production drawings\Denison-47 .dwg

Denison