

DIVISION 01 – GENERAL REQUIREMENTS

GENERAL:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, PRIOR TO EXCAVATION. THE INFORMATION AND DATA SHOWN WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AT OR CONTIGUOUS TO THE SITE IS APPROXIMATE AND BASED ON INFORMATION FURNISHED BY THE OWNERS OF SUCH UNDERGROUND FACILITIES OR ON PHYSICAL APPURTENNANCES OBSERVED IN THE FIELD. THE CITY AND ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR REVIEWING AND CHECKING ALL SUCH INFORMATION OR DATA, FOR LOCATING ALL UNDERGROUND FACILITIES, FOR COORDINATION OF THE WORK WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES DURING CONSTRUCTION AND FOR THE SAFETY AND PROTECTION THEREOF AND REPAIRING ANY DAMAGE THERETO RESULTING FROM THE WORK. THIS WORK SHALL BE CONSIDERED AS A SUBSIDIARY ITEM OF WORK, THE COST OF WHICH SHALL BE INCLUDED IN THE PRICE BID IN THE PROPOSAL FOR VARIOUS BID ITEMS. THE CONTRACTOR SHALL NOTIFY ANY AFFECTED OWNERS (UTILITY COMPANIES) OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

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 - NOTIFY TEXAS 811 (1-800-DIG-TESS OR WWW.TEXAS811.ORG) TO LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - CAUTION! BURIED ELECTRIC LINES MAY EXIST ALONG THIS PROJECT. CONTACT ELECTRICAL PROVIDERS 48 HOURS PRIOR TO EXCAVATION :
 - ONCOR 888-313-6862
 - CAUTION! BURIED GAS LINES MAY EXIST ALONG THIS PROJECT. CONTACT ATMOS 48 HOURS PRIOR TO EXCAVATION, AND WITHIN TWO (2) HOURS OF ENCOUNTERING A GAS LINE (800-692-6862)
 - CAUTION! BURIED COMMUNICATION CABLES MAY EXIST ALONG THIS PROJECT. CONTACT COMMUNICATION COMPANIES 48 HOURS PRIOR TO EXCAVATION:
 - AT&T 800-395-0440
 - CHARTER COMMUNICATIONS 817-246-5530
 - CAUTION! WHEN DOING WORK WITHIN 200 FEET OF ANY SIGNALIZED INTERSECTION, THE CONTRACTOR SHALL NOTIFY TRAFFIC MANAGEMENT DIVISION OF CITY OF FORT WORTH T/PW, 72 HOURS PRIOR TO EXCAVATION (817-392-7738). THE CONTRACTOR SHALL PROTECT EXISTING SIGNAL HARDWARE, GROUND BOXES, DETECTION LOOPS, AND UNDERGROUND CONDUIT AT SIGNALIZED INTERSECTIONS. ANY DAMAGES AT SIGNALIZED INTERSECTIONS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR. THE CONTRACTOR SHALL CONTACT THE CITY AT 817-392-8100 TO PERFORM CONDUIT LINE LOCATES AT SIGNALIZED INTERSECTIONS 72 HOURS PRIOR TO COMMENCING WORK AT THE INTERSECTION. CONTRACTOR SHOULD COORDINATE WITH CFW TRAFFIC SIGNALS GROUP (AZIZ RAHMAN, ENGINEERING MANAGER AT AZIZ.RAHMAN@FORTWORTHTEXAS.GOV) AT LEAST 3 WEEKS IN ADVANCE OF THE LANE CLOSURES AT THE INTERSECTION TO MAKE TEMPORARY SIGNAL TIMING CHANGES ACCOMMODATE THE CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE GENERAL SAFETY AT AND ADJACENT TO THE PROJECT AREA, INCLUDING THE PERSONAL SAFETY OF PUBLIC AND PRIVATE PROPERTY. CONTRACTOR SHALL PROVIDE TEMPORARY SANITARY SEWER FACILITIES TO AFFECTED PROPERTY OWNERS, IF NECESSARY PER SECTION 01 50 00 TEMPORARY FACILITIES AND CONTROLS. NOT A SEPARATE PAY ITEM.
- CONTRACTOR'S PERSONNEL SHALL HAVE IDENTIFYING CLOTHING, HATS OR BADGES AT ALL TIMES WHICH IDENTIFY THE CONTRACTOR'S NAME, LOGO OR COMPANY.
- THE CONTRACTOR SHALL DISTRIBUTE NOTICES (DOOR HANGER) TO ALL AFFECTED PROPERTY OWNERS PRIOR TO BEGINNING WORK ON EACH PROPERTY PER SECTION 01 35 13.
- THE CONTRACTOR SHALL VIDEO ALL POTENTIALLY IMPACTED PRIVATE PROPERTY AREAS PRIOR TO WORK. VIDEOS SHALL INCLUDE DATE, NOTATION, AND AUDIO IDENTIFICATION OF PROPERTY ADDRESS AND MAIN/LATERAL NAME AND STATION NUMBER. THIS PRE-CONSTRUCTION VIDEO OF IMPACTED PROPERTIES SHALL BE CONSIDERED SUBSIDIARY WORK PER SECTION 01 32 33 PRECONSTRUCTION VIDEO.
- CONTRACTOR'S PERSONNEL SHALL HAVE IDENTIFYING CLOTHING OR HATS AT ALL TIMES. THE CONTRACTOR SHALL ALSO HAVE IDENTIFICATION ON ALL VEHICLES.
- CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO THE HOURS OF 7:00 AM TO 6:00 PM MONDAY THRU FRIDAY UNLESS APPROVED OR DIRECTED BY THE CITY. AT THE PRE-CONSTRUCTION MEETING, THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION SCHEDULE IN ACCORDANCE WITH SECTION 01 32 16, AND PROVIDE MONTHLY UPDATES ALONG WITH THE PROGRESS PAYMENT PER GENERAL CONDITIONS, SECTION 00 72 00, ARTICLE 6.04. ANY PROPOSED WORK BEYOND REGULAR WORKING HOURS WILL REQUIRE WRITTEN REQUEST BY THE CONTRACTOR PER GENERAL CONDITIONS, SECTION 00 72 00, ARTICLE 6.02.
- THE CONTRACTOR IS RESPONSIBLE FOR KEEPING STREETS AND SIDEWALKS ADJACENT TO PROJECT FREE OF MUD AND DEBRIS FROM THE CONSTRUCTION PER SECTION 01 74 23. WORK ASSOCIATED WITH THIS ITEM IS CONSIDERED SUBSIDIARY TO VARIOUS ITEMS BID.
- THE CONTRACTOR SHALL CLEAN UP AND RESTORE THE AREA OF OPERATIONS TO A CONDITION AS GOOD AS OR BETTER THAN THAT WHICH EXISTED PRIOR TO WORK, PER SECTION 01 74 23.
- PRIOR TO SCHEDULING THE PROJECT FINAL, THE CONTRACTOR SHALL PROVIDE REDLINES, CUT SHEETS, FINAL APPROVED PIPE SHOP DRAWINGS, CCTV VIDEO/REPORTS, LINER RESULTS, ETC., PIPE REPORT AND SERVICE REPORT PER SECTIONS 01 77 19, 01 78 39, AND 33 01 31 TO THE CITY FOR REVIEW, REVISIONS, AND FINAL ACCEPTANCE.
- WHEN IT IS REQUIRED THAT A CONTRACTOR WORK OR ENTER PRIVATE PROPERTY, THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER 48 HOURS PRIOR TO CONSTRUCTION PER SECTION 01 11 00. DO NOT STORE EQUIPMENT OR MATERIAL ON PRIVATE PROPERTY UNLESS AND UNTIL THE SPECIFIED APPROVAL OF THE PROPERTY OWNER HAS BEEN SECURED IN WRITING BY THE CONTRACTOR AND A COPY FURNISHED TO THE CITY.
- THE CONTRACTOR SHALL REMOVE FROM THE PROJECT AREA ALL SURPLUS MATERIAL. THIS SHALL BE INCIDENTAL AND NOT A SEPARATE PAY ITEM. SURPLUS MATERIALS FROM EXCAVATION INCLUDING DIRT, TRASH, ETC. SHALL BE PROPERLY DISPOSED OF AT A SITE ACCEPTABLE TO THE CITY'S FLOOD PLAIN ADMINISTRATOR IF WITHIN THE CITY LIMITS. IF THE LOCATION IS NOT WITHIN THE CITY LIMITS, THE CONTRACTOR SHALL PROVIDE A LETTER STATING SO. SURPLUS MATERIAL MAY NOT BE PLACED IN NATURAL DRAINAGE WAY WITHOUT WRITTEN PERMISSION FROM THE AFFECTED PROPERTY OWNER AND THE CITY'S FLOOD PLAIN ADMINISTRATOR. IF THE CONTRACTOR PLACES EXCESS MATERIAL IN THE AREAS WITHOUT WRITTEN PERMISSION, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM SUCH FILL AND SHALL REMOVE THE MATERIAL AT THEIR OWN COST. COSTS ASSOCIATED WITH PROPOSED CONNECTIONS TO EXISTING FACILITIES SHALL BE INCLUDED IN EACH RESPECTIVE BID ITEM, IF NO SPECIFIC BID ITEM IS INCLUDED. NO SEPARATE PAY, EXCEPT AS SPECIFICALLY INDICATED WITHIN THESE PLANS OR THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL REMOVE ALL FENCES, LOCATED WITHIN EASEMENTS, INTERFERING WITH CONSTRUCTION OPERATION AND PROVIDE TEMPORARY FENCING DURING CONSTRUCTION. REMOVED FENCES, WOODEN OR CHAIN LINK, SHALL BE REPLACED WITH A NEW FENCE OR UNDAMAGED ORIGINAL FENCING. ALL AFFECTED PROPERTY OWNERS SHALL BE NOTIFIED PRIOR TO CONSTRUCTION. REMOVAL AND REPLACEMENT OF EXISTING AND TEMPORARY FENCES PER SECTION 01 11 00 SUMMARY OF WORK, SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST AND REFLECTED IN THE UNIT BID PRICES FOR VARIOUS ITEMS LISTED IN THE PROPOSAL.

DIVISION 31 – EARTHWORK

THE CONTRACTOR MUST REVIEW AND MAINTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS, AND PERMIT MODIFICATIONS IN GOOD CONDITION AT THE CONSTRUCTION SITE. THE COMPLETE PERMIT MUST BE AVAILABLE FOR REVIEW UPON REQUEST.

EROSION CONTROL MEASURES MAY ONLY BE PLACED IN FRONT OF INLETS, OR IN CHANNELS, DRAINAGE WAYS, OR BORROW DITCHES AT RISK OF CONTRACTOR. CONTRACTOR SHALL REMAIN LIABLE FOR ANY DAMAGE CAUSED BY THE MEASURES, INCLUDING FLOODING DAMAGE, WHICH MAY OCCUR DUE TO BLOCKED DRAINAGE. AT THE CONCLUSION OF ANY PROJECT, ALL CHANNELS, DRAINAGE WAYS, AND BORROW DITCHES IN THE WORK ZONE SHALL BE DREDGED OF ANY SEDIMENT GENERATED BY THE PROJECT OR DEPOSITED AS A RESULT OF EROSION CONTROL MEASURES.

THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL EROSION, CONSERVATION, AND SILTATION ORDINANCES. THE CONTRACTOR SHALL USE SEDIMENT FILTERS OR OTHER MEASURES APPROVED BY THE ENGINEER AND CONSTRUCTION MANAGER TO PREVENT SILT AND CONSTRUCTION DEBRIS FROM CLOGGING STORM SEWER PIPES OR PROPOSED OR EXISTING INLETS, OR FROM BEING TRANSPORTED TO ADJACENT PROPERTIES AND STREET RIGHT-OF-WAYS. ALL EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE AND SHALL REMAIN IN PLACE UNTIL FINAL GRADING AND PAVING IS COMPLETE AND PERMANENT SOIL STABILIZATION IS ACHIEVED.

CONSTRUCTION OPERATIONS SHALL BE MANAGED SO THAT AS MUCH OF THE SITE AS POSSIBLE IS LEFT COVERED WITH EXISTING TOPSOIL AND VEGETATION.

ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH. SODDING OR SEEDING SHALL BE PER SECTIONS 32 92 13 "SODDING" OR 32 92 14 "NON-NATIVE SEEDING", RESPECTIVELY.

CONTRACTOR SHALL CONSTRUCT A STABILIZED CONSTRUCTION ENTRANCE AT ALL PRIMARY POINTS OF ACCESS. CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION TRAFFIC UTILIZES THE STABILIZED ENTRANCE AT ALL TIMES FOR INGRESS AND EGRESS TO THE SITE.

SITE ENTRY AND EXIT LOCATIONS SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAYS. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ON A PUBLIC ROADWAY SHALL BE REMOVED IMMEDIATELY. WHEN WASHING IS REQUIRED TO REMOVE SEDIMENT PRIOR TO ENTRANCE TO A PUBLIC ROADWAY, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT BASIN. ALL FINES IMPOSED FOR TRACKING ONTO PUBLIC ROADS SHALL BE PAID BY THE CONTRACTOR.

CONTRACTOR IS RESPONSIBLE FOR PROPER MAINTENANCE OF THE REQUIRED EROSION CONTROL DEVICES THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS. EROSION CONTROLS SHALL BE REPAIRED

DIVISION 02 – EXISTING CONDITIONS

1. CONTRACTOR SHALL PROTECT CONCRETE CURB AND GUTTER, DRIVEWAYS, AND SIDEWALKS THAT ARE NOT DESIGNATED FOR REMOVAL. REMOVAL AND REPLACEMENT OF THESE ITEMS SHALL BE AS DESIGNATED. 9.
2. THE CONTRACTOR SHALL PRESERVE AND PROTECT OR REMOVE AND REPLACE WHEN SHOWN ON THE PLANS (WITH PRIOR APPROVAL OF CITY PARKS AND COMMUNITY SERVICES AND/OR AFFECTED PROPERTY OWNERS) ALL TREES, SHRUBS, HEDGES, RETAINING WALLS, LANDSCAPING, BUILDINGS, WALKS, ETC. IN OR NEAR PROPOSED CONSTRUCTION AREA. IF SPECIFIC BID ITEM(S) ARE NOT INCLUDED, THIS WORK SHALL BE CONSIDERED INCIDENTAL AND NOT A SEPARATE PAY ITEM. 10.
3. CONTRACTOR SHALL NOT CRACK, BREAK, MAR, OR OTHERWISE DAMAGE TILE STREET NAME MARKERS. IN THE EVENT A TILE STREET NAME MARKER IS LOCATED IN AN AREA OF CONSTRUCTION AND CANNOT BE PROTECTED, CONTRACTOR SHOULD REMOVE THE SECTION OF CURB AND GUTTER CONTAINING THE FULL TILE STREET NAME MARKER. CONTRACTOR SHALL REPLACE THE FULL SECTION OF THE CURB AND STREET MARKER. 11.

DIVISION 32 – EXTERIOR IMPROVEMENTS

GENERAL:

AT LOCATIONS WHERE THE CURB AND GUTTER ARE TO BE REPLACED, THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR THE RE-ESTABLISHMENT OF EXISTING STREET AND GUTTER GRADES. IF BID ITEM FROM CONSTRUCTION STAKING IS NOT INCLUDED, ESTABLISHMENT OF GRADES SHALL BE CONSIDERED AS A SUBSIDIARY ITEM OF WORK, THE COST OF WHICH SHALL BE INCLUDED IN THE PRICE BID IN THE PROPOSAL FOR VARIOUS BID ITEMS.

DEWALKS AND CURB RAMPS:

THE CURB RAMP STANDARD DETAILS ARE INTENDED TO SHOW TYPICAL LAYOUTS FOR THE CONSTRUCTION OF THE CURB RAMPS. THE INFORMATION SHOWN ON THE STANDARD DETAILS MEET THE REQUIREMENTS SHOWN IN THE "2012 TEXAS ACCESSIBILITY STANDARDS" (TAS) AND THE "2010 ADA STANDARDS FOR ACCESSIBLE DESIGN" BY THE DEPARTMENT OF JUSTICE. THE CONTRACTOR MAY NOT MAKE CHANGES TO THE SIDEWALK AND CURB RAMP LAYOUT WITHOUT APPROVAL OF THE CITY. THE CONTRACTOR MAY PROPOSE CHANGES TO THE SIDEWALK AND CURB RAMP LAYOUT DUE TO FIELD CONDITIONS, BUT ANY PROPOSED CHANGES MUST BE APPROVED BY THE CITY.

EXISTING LINETYPES

=====	EXISTING CURB
=====	EXISTING EDGE OF ASPHALT
-----X-----X-----	EXISTING FENCE
-----EX-CABLE-----	EXISTING CABLE
-----EX-COMM-----	EXISTING COMMUNICATION
-----EX-10" PVC W-----	EXISTING WATER LINE
-----EX-IRR-----	EXISTING IRRIGATION
-----EX-8" PVC SS-----►	EXISTING SANITARY SEWER
-----EX-GAS-----	EXISTING GAS LINE
-----EX-FM-----	EXISTING FORCE MAIN
-----EX-FO-----	EXISTING FIBER-OPTIC CABLE
-----EX-T-----	EXISTING TELEPHONE LINE
-----EX-OHE-----	EXISTING OVERHEAD ELECTRIC
-----EX-UE-----	EXISTING UNDERGROUND ELECTRIC
-----18" RCP-----	EXISTING STORM DRAIN
 	EXISTING STORM DRAIN INLET

***ALL LINETYPES MAY NOT BE ON THIS SITE**

WING TO CONTRACTOR:

TEXAS 811 (LOCATING SERVICE) OR OTHER UTILITY LOCATING SERVICES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. EXISTING UTILITY DATA IS PROVIDED FOR INFORMATION ONLY. ALTHOUGH THIS DATA IS KNOWN AS ACCURATELY AS POSSIBLE, THE CONTRACTOR IS CAUTIONED THAT DUNAWAY ASSOCIATES L.P. DOES NOT ASSUME OR IMPLY ANY RESPONSIBILITY FOR THE ACCURACY OF THIS DATA.

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SOURCES AND ARE INTENDED TO SHOW THE GENERAL EXISTENCE AND
LOCATION OF UTILITIES IN THE AREA OF CONSTRUCTION. THE ENGINEER
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THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE
TRACTOR SHALL CONTACT UTILITY COMPANIES 48 HOURS IN
ADVANCE OF ANY CONSTRUCTION ACTIVITIES IN ORDER TO DETERMINE IF
THERE IS ANY CONFLICT WITH THE PROPOSED FACILITIES. THE
TRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICTS
WITH EXISTING UTILITIES ARE DISCOVERED. THE FOLLOWING PHONE
NUMBERS ARE PROVIDED FOR CONVENIENCE. CONSIDERATION OF OTHER
OPTIONS MAY BE REQUIRED.

WORTH WATER DEPT (817) 392-8296
WORTH TPW (817) 392-8100
S 811 (LOCATING SERVICE) 811
WESTERN COMMUNICATIONS (TV CABLE) (888) 438-2427
(OWNER OF WESTERN UNION LINES) (800) 624-9675
T (817) 338-6202
ZON (800) 483-1000
OS ENERGY (800) 817-8090
OR ELECTRIC DELIVERY (888) 215-6688
NT (800) 521-0579
O

EXISTING SYMBOLS

	AIR CONDITIONER		LIGHT POLE
	BENCHMARK		MAILBOX
○	BOLLARD		MONITOR WELL
	CABLE BOX		SANITARY SEWER MANHOLE
	CABLE PEDESTAL		SIGN
	CABLE VAULT		SIGNAL BOX
○ CO	CLEAN OUT		SIGNAL LIGHT
○ DS	DOWNSPOUT		SOLAR PANEL
	ELECTRIC BOX		SPRINKLER HEAD
	ELECTRIC MANHOLE		STORM DRAIN MANHOLE
	ELECTRIC METER		TELEPHONE BOX
	ELECTRIC PEDESTAL		TELEPHONE MANHOLE
	ELECTRIC TRANSFORMER		TELEPHONE PEDESTAL
	ELECTRIC VAULT		TELEPHONE VAULT
	FIBER OPTIC MANHOLE		TREE
	FIBER OPTIC VAULT		UNDERGROUND LINE
	FIRE HYDRANT		UNDERGROUND VAULT
	FLAG POLE		UNKNOWN MANHOLE
	GAS MANHOLE		UNKNOWN PEDESTAL
	GAS METER		UTILITY MARKER
	GAS PUMP ACCESS LID		UTILITY POLE
	GAS PEDESTAL		WATER MANHOLE
	GAS TEST SIGN		WATER METER
	GAS VALVE		WATER VALVE
	GRATE INLET		WATER VAULT
←	GUY		WATER WELL
	IRRIGATION CONTROL VALVE		YARD LIGHT

*ALL OBJECT SYMBOLS MAY NOT BE ON THIS SITE

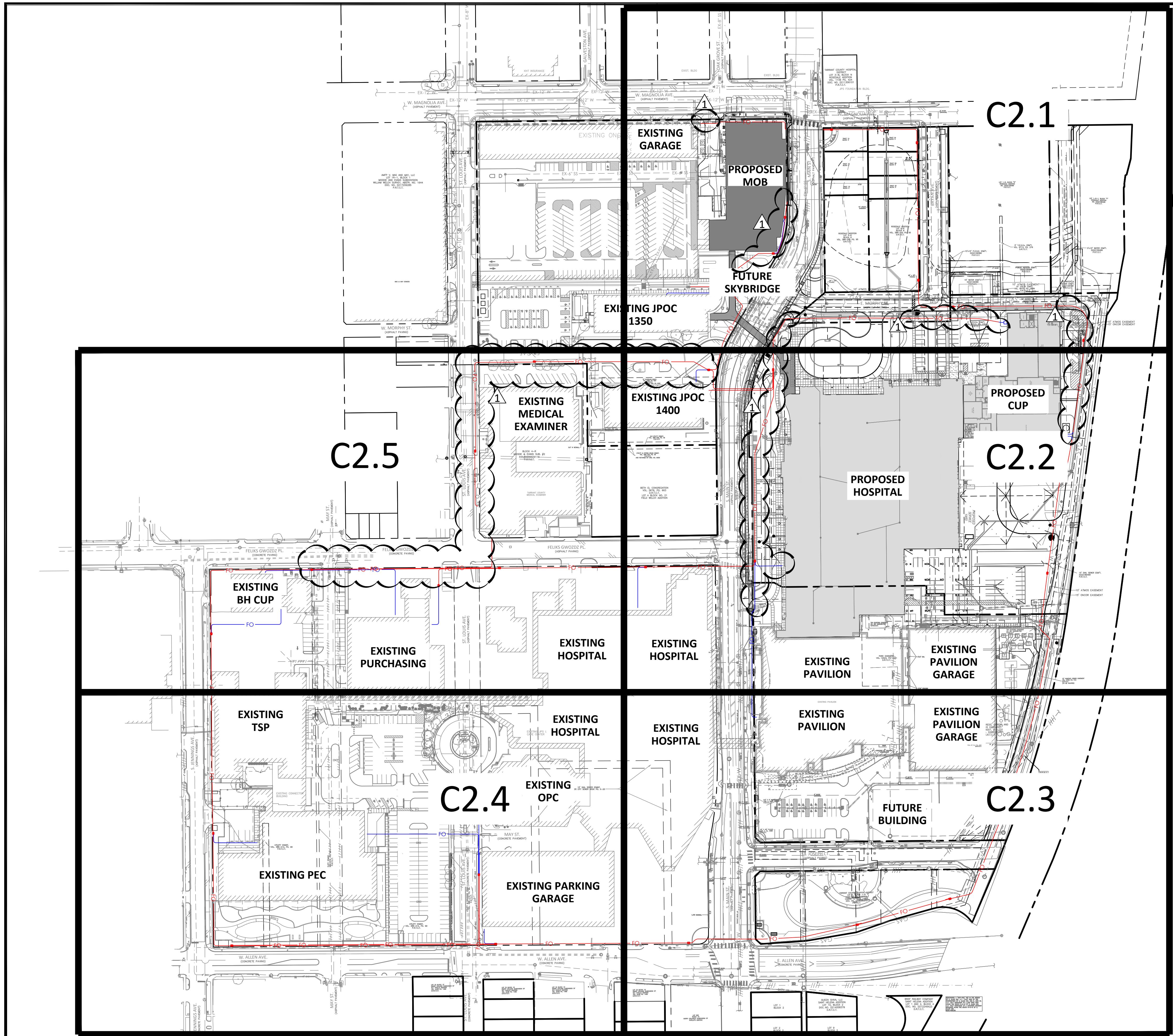
SHEET INDEX

SHEET NO.	DESCRIPTION
C1.0	GENERAL NOTES
C2.0	FIBER LOOP OVERALL LAYOUT
C2.1	DIMENSIONAL CONTROL PLAN
C2.2	DIMENSIONAL CONTROL PLAN
C2.3	DIMENSIONAL CONTROL PLAN
C2.4	DIMENSIONAL CONTROL PLAN
C2.5	DIMENSIONAL CONTROL PLAN
C2.6	TRENCH DETAILS

A watermark of the official seal of the State of Texas, featuring a five-pointed star in the center, surrounded by a circular border with the words "THE STATE OF TEXAS" and a decorative outer edge.

JOB NO. 12229.001
DESIGNED BY: HB
DRAWN BY: AC/EG
CHECKED BY: HB

C10



WARNING TO CONTRACTOR:
CALL TEXAS 811 (LOCATING SERVICE) OR OTHER UTILITY LOCATING SERVICES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. EXISTING UTILITY DATA IS PROVIDED FOR INFORMATION ONLY. ALTHOUGH THIS DATA IS SHOWN AS ACCURATELY AS POSSIBLE, THE CONTRACTOR IS CAUTIONED THAT DUNAWAY ASSOCIATES L.P. DOES NOT ASSUME OR IMPLY ANY RESPONSIBILITY FOR THE ACCURACY OF THIS DATA.

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FORT WORTH WATER DEPT (817) 392-8296
FORT WORTH TPW (817) 392-8100
TEXAS 811 (LOCATING SERVICE) (888) 438-2427
CHARTER COMMUNICATIONS (TV CABLE) (800) 624-9675
MCI (OWNER OF WESTERN UNION LINES) (817) 338-6202
AT&T (800) 483-1000
VERIZON (800) 817-8090
ATMOS ENERGY (888) 215-6688
ONCOR ELECTRIC DELIVERY (800) 521-0579
SPRINT (800) 521-0579
ZAYO

NO.	DATE	REVISIONS	DESCRIPTION
1	11/07/2025	# # # # #	ADDENDUM #1

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817-235-1121
Tx Reg. F-1114

FIBER LOOP - OVERALL LAYOUT

JPS CAMPUS FIBER LOOP PROJECT
FORT WORTH, TX

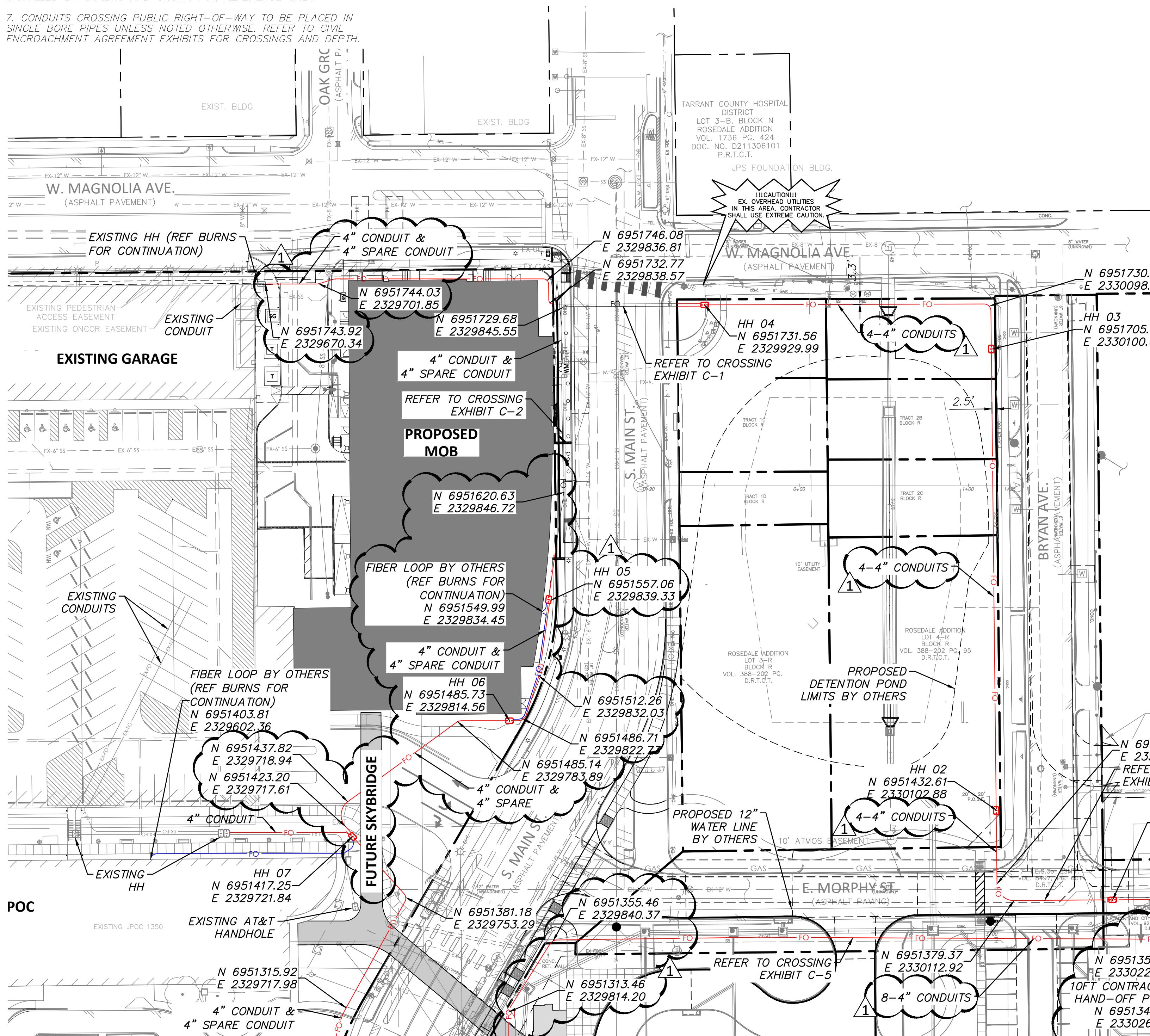
12/23/2025
HUNTER M. BRAUER
138744
LICENSING
HUNTER BRAUER

JOB NO. 12229.001
DESIGNED BY: HB
DRAWN BY: AC/EG
CHECKED BY: HB
DATE: DEC 2025
SHEET: C2.0

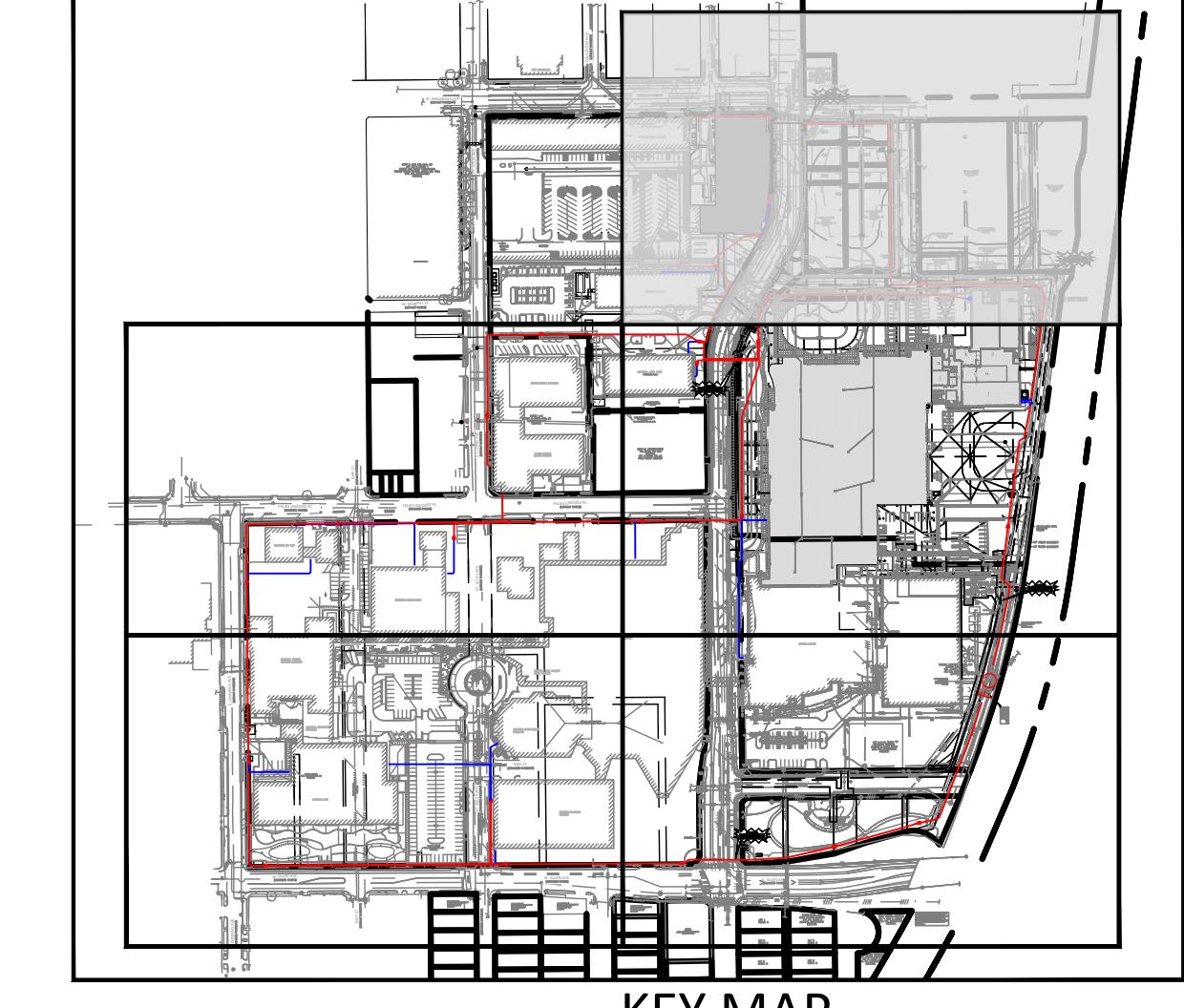
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GRAPHIC SCALE IN FEET

GENERAL NOTES

1. CONFIRM EXISTING CONDITIONS IN THE FIELD PRIOR TO PERFORMING ANY WORK.
2. EXISTING BUILDINGS ARE TO REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION. COORDINATE ANY UNFORESEEN OUTAGES WITH THE JPS I.T. MANAGER PRIOR TO PERFORMING THE WORK.
3. COORDINATE COMMUNICATION PATHWAY SYSTEMS WITH OTHER UTILITIES PRIOR TO INSTALLATION.
4. COORDINATE ENTRY INTO THE BUILDING WITH JPS PDC AND STRUCTURAL ENGINEERS PRIOR TO INSTALLATION.
5. REFER TO TECHNOLOGY PLANS FOR HAND HOLE / VAULT DETAILS FOR SPECIFICATIONS ON CONDUIT PENETRATIONS, INCLUDING REQUIRED QUANTITIES AND ADDITIONAL INSTALLATION REQUIREMENTS.
6. CONDUIT FROM HAND HOLES/VAULTS TO BUILDINGS TO BE INSTALLED BY OTHERS AND SHOWN FOR REFERENCE ONLY.
7. CONDUITS CROSSING PUBLIC RIGHT-OF-WAY TO BE PLACED IN SINGLE BORE PIPES UNLESS NOTED OTHERWISE. REFER TO CIVIL ENCROACHMENT AGREEMENT EXHIBITS FOR CROSSINGS AND DEPTH.



MATCH LINE SHEET C2.2



KEY MAP

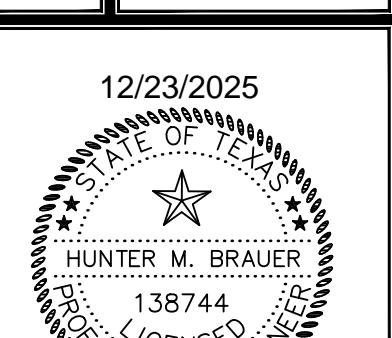
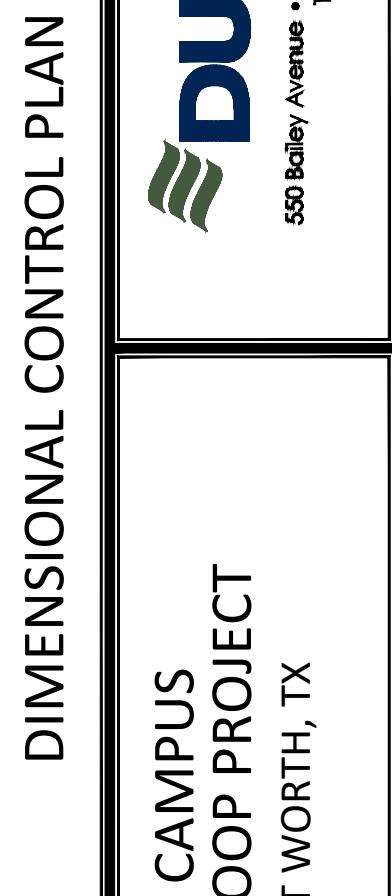
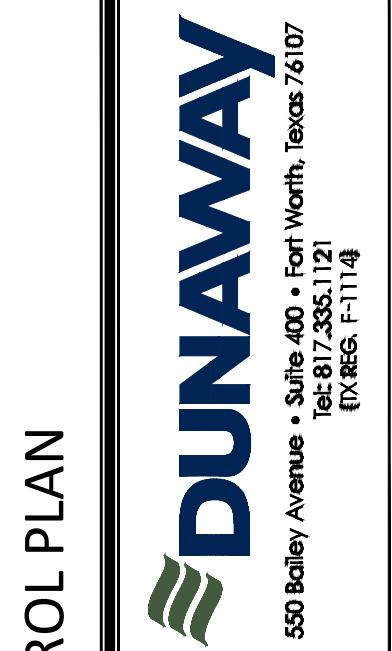
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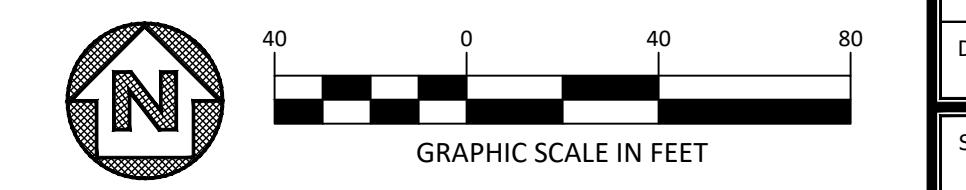
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NO.	DATE	REVISIONS	DESCRIPTION
1	11/07/2025	A DDENDUM #1	

UTILITY LEGEND	
—	PROPERTY BOUNDARY
- - -	ADJOINERS
— FO —	FIBER OPTIC LINE
— FO — (BY OTHERS)	FIBER OPTIC LINE (BY OTHERS)
— W —	STORM DRAIN (BY OTHERS)
— SS —	WATER LINE (BY OTHERS)
— SAN —	SANITARY SEWER LINE (BY OTHERS)
— GAS —	GAS LINE (BY OTHERS)
— OHE —	OVERHEAD ELECTRIC (BY OTHERS)
— UE —	UNDERGROUND ELECTRIC (BY OTHERS)
●	SANITARY SEWER MANHOLE (BY OTHERS)
●	SANITARY SEWER CLEANOUT (BY OTHERS)
■	WATER METER (BY OTHERS)
●	FIRE HYDRANT (BY OTHERS)
●	GATE VALVE (BY OTHERS)
— EX-4' SS —	EXISTING SANITARY SEWER LINE
— EX-W —	EXISTING WATER LINE
— EX-GAS —	EXISTING GAS LINE
— EX-UE —	EXISTING UNDERGROUND ELECTRIC
— EX-FO —	EXISTING FIBER OPTIC
— EX-OHE —	EXISTING OVERHEAD ELECTRIC
— EX-T —	EXISTING TELEPHONE
— EX-SD —	EXISTING STORM DRAIN
— SAN —	EXISTING SANITARY MANHOLE
— EX-VG —	EXISTING VALVE
— W —	EXISTING WATER METER



JOB NO.	12229.001
DESIGNED BY:	HB
DRAWN BY:	AC/EG
CHECKED BY:	HB
DATE:	DEC 2025
SHEET:	C2.1



GRAPHIC SCALE IN FEET

MATCH LINE SHEET C2.5

MATCH LINE SHEET C2.1

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FORT WORTH TPW	(817) 392-8100
TEXAS 811 (LOCATING SERVICE)	811
CHARTER COMMUNICATIONS (TV CABLE)	(888) 438-2427
MCI (OWNER OF WESTERN UNION LINES)	(800) 624-9675
AT&T	(817) 338-6202
VERIZON	(800) 483-1000
ATMOS ENERGY	(800) 817-8090
ONCOR ELECTRIC DELIVERY	(888) 215-6688
SPRINT	(800) 521-0579
ZAYO	

REVISIONS		DATE	DESCRIPTION
		/07/2025	ADDENDUM #1
#	#		
#	#		
#	#		
#	#		

UTILITY LEGEND

— — — — —	PROPERTY BOUNDARY
— — — — —	ADJOINERS
FO	FIBER OPTIC LINE
FO	FIBER OPTIC LINE (BY OTHERS)
— — — — —	STORM DRAIN (BY OTHERS)
W	WATER LINE (BY OTHERS)
SS	SANITARY SEWER LINE (BY OTHERS)
GAS	GAS LINE (BY OTHERS)
OHE	OVERHEAD ELECTRIC (BY OTHERS)
UE	UNDERGROUND ELECTRIC (BY OTHERS)
	SANITARY SEWER MANHOLE (BY OTHERS)
	SANITARY SEWER CLEANOUT (BY OTHERS)
	WATER METER (BY OTHERS)
	FIRE HYDRANT (BY OTHERS)
	GATE VALVE (BY OTHERS)
— — — — — EX-6" SS	EXISTING SANITARY SEWER LINE
— — — — — EX-12" W	EXISTING WATER LINE
— — — — — EX-GAS	EXISTING GAS LINE
— — — — — EX-UE	EXISTING UNDERGROUND ELECTRIC
— — — — — EX-FO	EXISTING FIBER OPTIC
— — — — — EX-OHE	EXISTING OVERHEAD ELECTRIC
— — — — — EX-T	EXISTING TELEPHONE
— — — — — — — —	EXISTING STORM DRAIN
	EXISTING SANITARY MANHOLE
	EXISTING GATE VALVE
	EXISTING WATER METER

DIMENSIONAL CONTROL PLAN

JPS CAMPUS FIBER LOOP PROJECT FORT WORTH, TX

Tel: 817.335.1121
TX REG. F-1114

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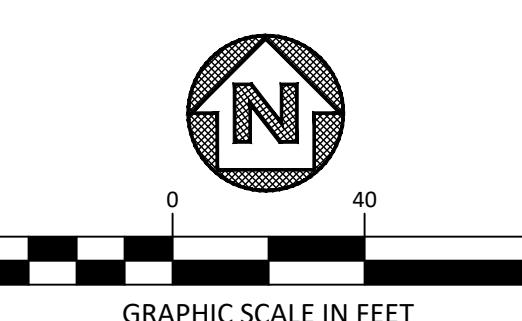
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DESIGNED BY:	HB
DRAWN BY:	AC/EG
CHECKED BY:	HB
DATE:	DEC 2025

C2.2

EXISTING PAVILION GARAGE

This architectural floor plan illustrates the layout of a building across three horizontal levels. The plan is enclosed in a black rectangular border and features a complex network of rooms, hallways, and structural elements. Several rooms are highlighted with different patterns: a large room on the top level has a grey hatched pattern; a room on the middle level has a white background with a black rectangular cutout; and a room on the bottom level has a light grey background with a black rectangular cutout. A prominent feature is a red line that forms a continuous path or boundary, starting from the top right, descending to the middle level, and then moving to the bottom level, where it loops around a central area. The red line also defines a large rectangular space on the top level. The plan includes various labels and symbols, such as 'PARKING' and 'ELEVATOR' in the top left, and a circular symbol with a cross in the bottom right. The overall design is intricate, with many smaller rooms and detailed structural elements.

KEY MAP



GRAPHIC SCALE IN FEET

MATCH LINE SHEET C2.4

MATCH LINE SHEET C2.2

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ZAYO	

REVISIONS		DATE	DESCRIPTION
		07/2025	ADDENDUM #1
#	#		
#	#		
#	#		
#	#		

UTILITY LEGEND

— — — — —	PROPERTY BOUNDARY
— — — — —	ADJOINERS
FO	FIBER OPTIC LINE
FO	FIBER OPTIC LINE (BY OTHERS)
— — — — —	STORM DRAIN (BY OTHERS)
W	WATER LINE (BY OTHERS)
SS	SANITARY SEWER LINE (BY OTHERS)
GAS	GAS LINE (BY OTHERS)
OHE	OVERHEAD ELECTRIC (BY OTHERS)
UE	UNDERGROUND ELECTRIC (BY OTHERS)
	SANITARY SEWER MANHOLE (BY OTHERS)
	SANITARY SEWER CLEANOUT (BY OTHERS)
	WATER METER (BY OTHERS)
	FIRE HYDRANT (BY OTHERS)
	GATE VALVE (BY OTHERS)
EX-6" SS	EXISTING SANITARY SEWER LINE
EX-12" W	EXISTING WATER LINE
EX-GAS	EXISTING GAS LINE
EX-UE	EXISTING UNDERGROUND ELECTRIC
EX-FO	EXISTING FIBER OPTIC
EX-OHE	EXISTING OVERHEAD ELECTRIC
EX-T	EXISTING TELEPHONE
— — — — —	EXISTING STORM DRAIN
	EXISTING SANITARY MANHOLE
	EXISTING GATE VALVE
	EXISTING WATER METER

DIMENSIONAL CONTROL PLAN

DUNAWAY

Tel: 817-335-1121
FAX REG. F-1114

JPS CAMPUS FIBER LOOP PROJECT FORT WORTH TX

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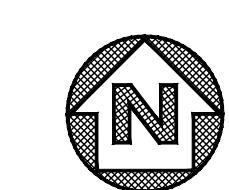
GENERAL NOTES

1. CONFIRM EXISTING CONDITIONS IN THE FIELD PRIOR TO PERFORMING ANY WORK.
2. EXISTING BUILDINGS ARE TO REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION. COORDINATE ANY UNFORESEEN OUTAGES WITH THE JPS I.T. MANAGER PRIOR TO PERFORMING THE WORK.
3. COORDINATE COMMUNICATION PATHWAY SYSTEMS WITH OTHER UTILITIES PRIOR TO INSTALLATION.
4. COORDINATE ENTRY INTO THE BUILDING WITH JPS PDC AND STRUCTURAL ENGINEERS PRIOR TO INSTALLATION.
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7. CONDUITS CROSSING PUBLIC RIGHT-OF-WAY TO BE PLACED IN SINGLE BORE PIPES UNLESS NOTED OTHERWISE. REFER TO CIVIL ENCROACHMENT AGREEMENT EXHIBITS FOR CROSSINGS AND DEPTH.

A watermark of the state of Texas seal, featuring a five-pointed star in the center, surrounded by a circular border with the words "THE STATE OF TEXAS" and decorative dots.

12229.001
HB
AC/EG
HB
DEC 2025

C2.3



A horizontal graphic scale with a black background. It features a series of alternating black and white rectangular blocks of varying widths. Numerical labels '0', '40', and '80' are positioned above the scale. Below the scale, the text 'GRAPHIC SCALE IN FEET' is centered in a bold, black, sans-serif font.

KEY MAP





KEY MAP

UTILITY LEGEND	
	PROPERTY BOUNDARY
	ADJOINERS
	FIBER OPTIC LINE
	FIBER OPTIC LINE (BY OTHERS)
	STORM DRAIN (BY OTHERS)
	WATER LINE (BY OTHERS)
	SANITARY SEWER LINE (BY OTHERS)
	GAS LINE (BY OTHERS)
	OVERHEAD ELECTRIC (BY OTHERS)
	UNDERGROUND ELECTRIC (BY OTHERS)
	SANITARY SEWER MANHOLE (BY OTHERS)
	SANITARY SEWER CLEANOUT (BY OTHERS)
	WATER METER (BY OTHERS)
	FIRE HYDRANT (BY OTHERS)
	GATE VALVE (BY OTHERS)
	EXISTING SANITARY SEWER LINE
	EXISTING WATER LINE
	EXISTING GAS LINE
	EXISTING UNDERGROUND ELECTRIC
	EXISTING FIBER OPTIC
	EXISTING OVERHEAD ELECTRIC
	EXISTING TELEPHONE
	EXISTING STORM DRAIN
	EXISTING SANITARY MANHOLE
	EXISTING GATE VALVE
	EXISTING WATER METER

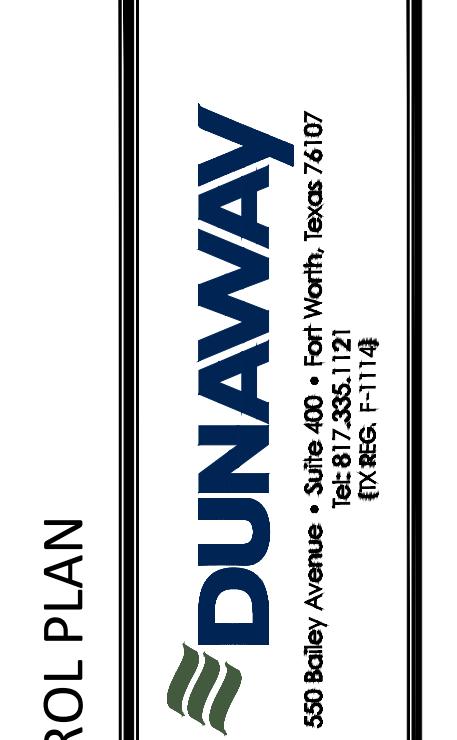
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MATCH LINE SHEET C2.5

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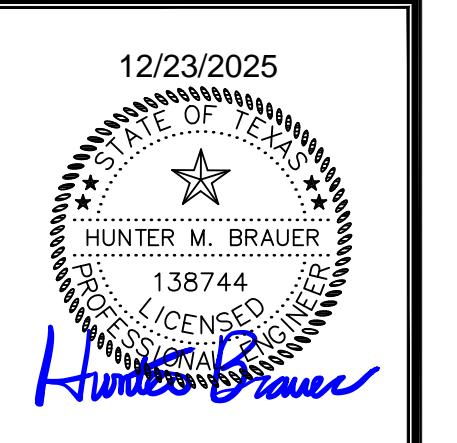
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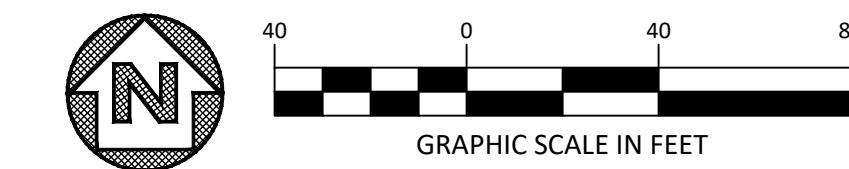
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550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817-235-1121
TX REG. F-1114

MATCH LINE SHEET C2.3

JPS CAMPUS
FIBER LOOP PROJECT
FORT WORTH, TX



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CHECKED BY: HB
DATE: DEC 2025
SHEET: C2.4

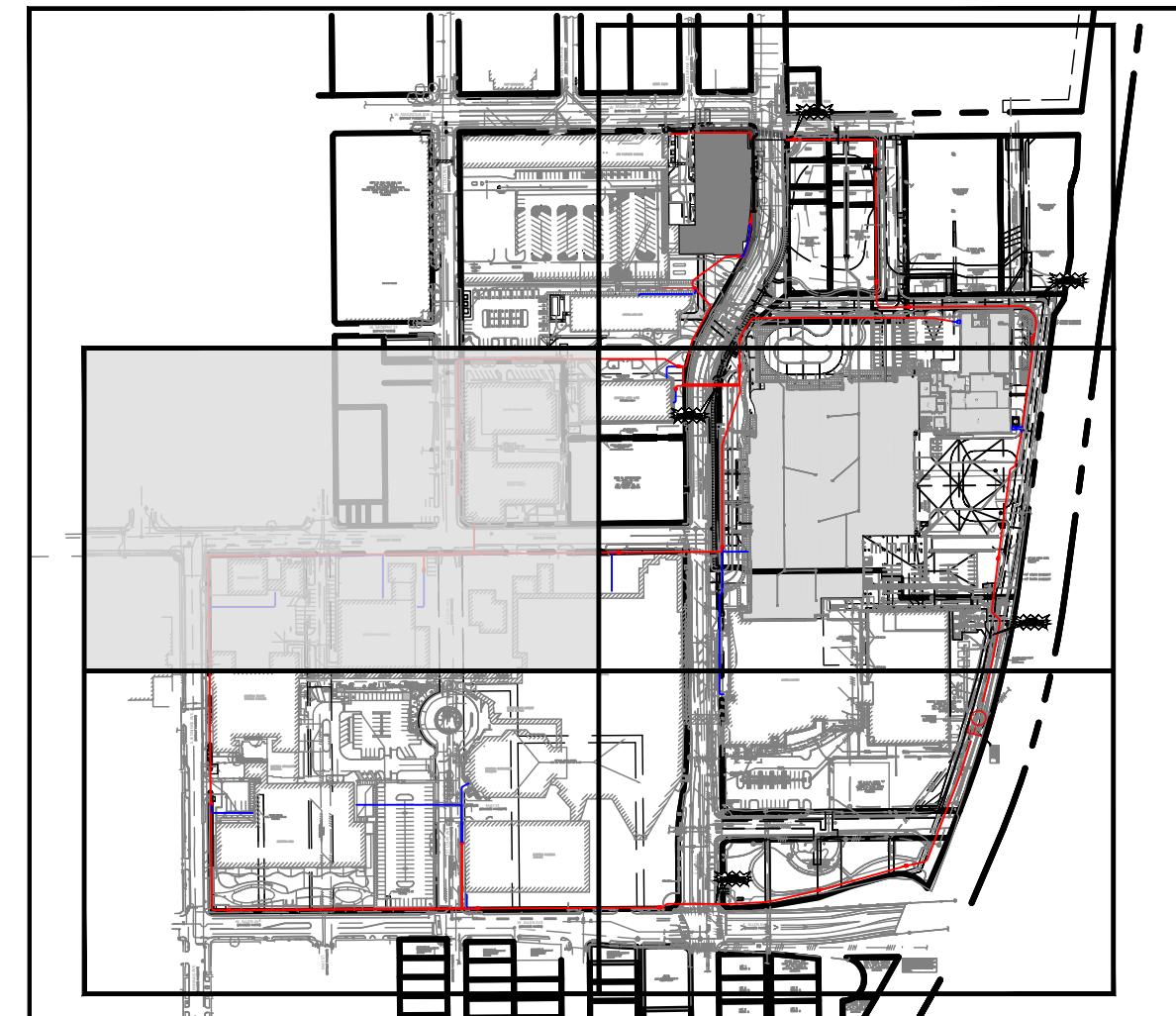


C2.4

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UTILITY LEGEND	
—	PROPERTY BOUNDARY
- - -	ADJOINERS
— FO —	FIBER OPTIC LINE
— FO — (BY OTHERS)	FIBER OPTIC LINE (BY OTHERS)
— SS —	STORM DRAIN (BY OTHERS)
— W —	WATER LINE (BY OTHERS)
— SS —	SANITARY SEWER LINE (BY OTHERS)
— GAS —	GAS LINE (BY OTHERS)
— OHE —	OVERHEAD ELECTRIC (BY OTHERS)
— UE —	UNDERGROUND ELECTRIC (BY OTHERS)
● —	SANITARY SEWER MANHOLE (BY OTHERS)
● ● —	SANITARY SEWER CLEANOUT (BY OTHERS)
— W —	WATER METER (BY OTHERS)
— FH —	FIRE HYDRANT (BY OTHERS)
— GV —	GATE VALVE (BY OTHERS)
— EX-6 SS —	EXISTING SANITARY SEWER LINE
— EX-12' W —	EXISTING WATER LINE
— EX-GAS —	EXISTING GAS LINE
— EX-UE —	EXISTING UNDERGROUND ELECTRIC
— EX-FO —	EXISTING FIBER OPTIC
— EX-OHE —	EXISTING OVERHEAD ELECTRIC
— EX-T —	EXISTING TELEPHONE
— EX-SD —	EXISTING STORM DRAIN
— SS —	EXISTING SANITARY MANHOLE
— GV —	EXISTING GATE VALVE
— W —	EXISTING WATER METER

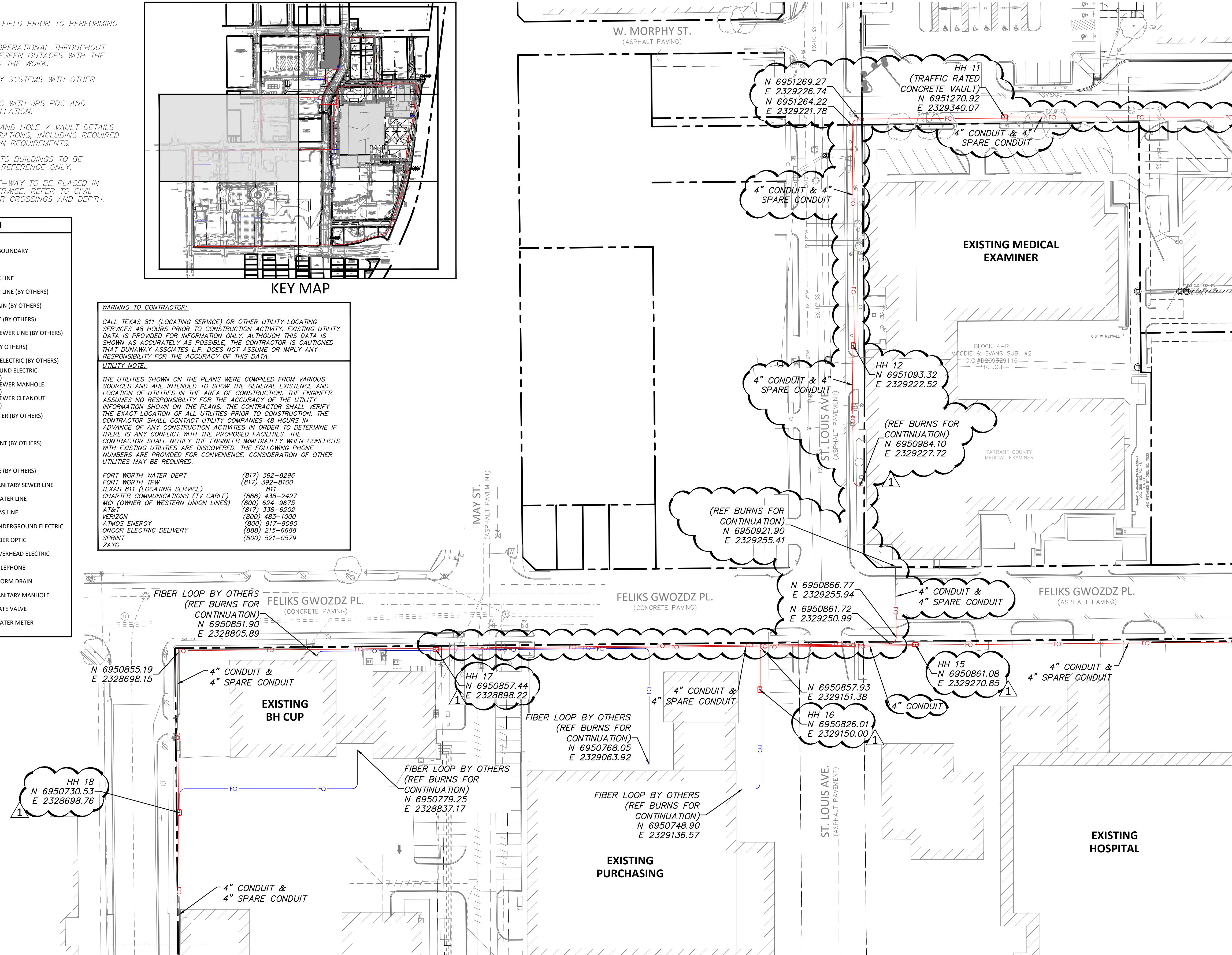


KEY MAP

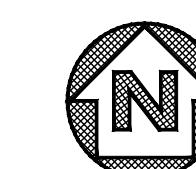
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MATCH LINE SHEET C2.4



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GRAPHIC SCALE IN FEET

DIMENSIONAL CONTROL PLAN		REVISIONS	DESCRIPTION
NO.	DATE		
1	12/23/25	ADDENDUM #1	
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Tel: 817.235.1121
Fax: 817.235.1144

JPS CAMPUS
FIBER LOOP PROJECT
FORT WORTH, TX

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138744
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HUNTER M. BRAUER
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