

**BENCH MARK LIST**

BM# 1	1" x 1" CUT SET AT THE NORTHWEST CORNER OF THE INTERSECTION OF EAST YELLOW JACKET LANE AND NORTH T. L. TOWNSEND DRIVE ON THE SOUTH SIDE OF A CONCRETE WALK ±8' SOUTH OF A STOP SIGN AND ±72' NORTH OF A BRICK SIGN.	SURFACE NORTHING=7,023,273.98 SURFACE EASTING=2,598,218.84 ELEV=578.48
BM# 2	1" x 1" CUT SET ON THE WEST CORNER OF A WYE INLET ON THE SOUTH SIDE OF T.L. TOWNSEND DRIVE ±470' NORTHWEST OF THE INTERSECTION OF EAST YELLOW JACKET LANE AND NORTH T. L. TOWNSEND DRIVE ±30' NORTHWEST OF THE END OF A CONCRETE FLUME AND ±170' NORTHWEST OF THE NORTHERNMOST ENTRANCE FOR ROCKWALL FIRST UNITED METHODIST CHURCH.	SURFACE NORTHING=7,023,564.53 SURFACE EASTING=2,597,901.55 ELEV=582.88
BM# 3	1" x 1" CUT SET ON THE WEST CORNER OF A CONCRETE INLET ON THE WESTERMOST CORNER OF A CONCRETE DRIVE FOR ROCKWALL FIRST UNITED METHODIST CHURCH ±460' WEST OF EAST YELLOW JACKET LANE, ±83' WEST OF A BRICK WALL CORNER AND ±130' WEST OF A GRATE INLET.	SURFACE NORTHING=7,023,010.16 SURFACE EASTING=2,597,385.95 ELEV=581.72
BM# 4	1" x 1" CUT SET ON THE WEST CORNER OF A CURB INLET ON THE WEST SIDE OF WEST YELLOW JACKET DRIVE ±1060' SOUTH OF THE INTERSECTION OF EAST YELLOW JACKET LANE AND NORTH T. L. TOWNSEND DRIVE, ±21' WEST OF A WYE INLET AND ±60' SOUTHWEST OF A FIRE HYDRANT.	SURFACE NORTHING=7,022,532.97 SURFACE EASTING=2,597,523.46 ELEV=572.78

- Ⓐ STA 2+01.71 LINE "ST-1" = STA 0+00.00 LINE "ST-10" INSTALL: 1-21"x12" 45° WYE CONN. FL 21"=578.66 (SE) FL 12"=579.04 (W) FL 21"=578.66 (NW)
- Ⓑ STA 0+08.16 LINE "ST-10" INSTALL: 1-12" 45° HORZ. BEND FL 12"=579.04 (W) FL 12"=579.46 (E)
- Ⓒ STA 0+05.21 LINE "ST-10" INSTALL: 1-12"x8" 45° WYE CONN. 5 LF 8" PVC 1- NO.12 GRATE INLET REF LANDSCAPE FOR TOP DETAILS FL 12"=579.45 (W) FL 8"=579.62 (SW) FL 12"=579.45 (E)

- Ⓒ STA 2+37.56 LINE "ST-1" = STA 0+00.00 LINE "ST-10" INSTALL: 1-21"x12" 45° WYE CONN. FL 21"=578.75 (SE) FL 12"=579.12 (W) FL 21"=578.75 (NW)
- Ⓓ STA 2+48.54 LINE "ST-1" CONNECT TO EXISTING HDPE INSTALL: 1-21"x15" 45° WYE CONN. CONTRACTOR TO FIELD VERIFY EXISTING 15" FLOWLINE CONNECTION FL 21"=578.77 (SE) FL 15"=579.02 (N) FL 21"=578.77 (NW)

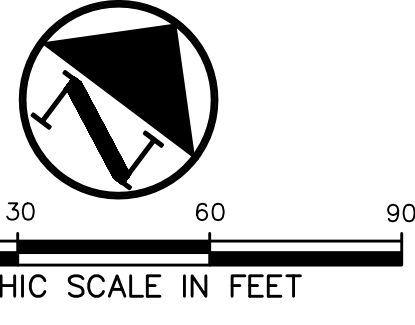
- Ⓔ STA 0+08.38 LINE "ST-10" = STA 0+00.00 LINE "ST-10" INSTALL: 1-12"x12" 45° WYE CONN. FL 12"=579.59 (SW) FL 12"=579.59 (E) FL 12"=579.59 (E)
- Ⓕ STA 0+03.01 LINE "ST-10" INSTALL: 1-12" 45° HORZ. BEND FL 12"=579.81 (E) FL 12"=579.81 (E)
- Ⓖ STA 0+05.64 LINE "ST-10" INSTALL: 1-12"x8" 90° WYE CONN. 7 LF 8" PVC 1- NO.12 GRATE INLET REF LANDSCAPE FOR TOP DETAILS FL 12"=579.58 (W) FL 8"=579.75 (S) FL 12"=579.58 (E)

- Ⓗ STA 1+49.16 LINE "ST-5" INSTALL: 1-12" 45° HORZ BEND FL 12"=573.83 (NW) FL 12"=573.83 (S)
- Ⓙ STA 1+50.84 LINE "ST-5" END & CAP CRAWLSPACE STORM DRAIN 5' FROM FACE OF BLDG REF MEP FOR CONTINUATION & COORDINATION RECORD DRAWING: RF#020 577.44. FL 12"=573.89 (SE)
- Ⓚ STA 0+10.36 LINE "ST-EX 1-1" INSTALL: 1-21" 45° HORZ. BEND FL 21"=578.65 (S) FL 21"=578.65 (NE)

\* CONTRACTOR TO POTHOLE AND FIELD VERIFY FLOWLINES AT SPECIFIED POINTS AND SEND TO ENGINEER PRIOR TO ANY STORM INSTALLATION

**LEGEND**

- IR (C.M.) BOLLARD
- X WATER METER
- OH (C.M.) LIGHT STANDARD
- OH (C.M.) WATER METER
- OH (C.M.) WATER VALVE
- OH (C.M.) IRRIGATION CONTROL VALVE
- OH (C.M.) FIRE HYDRANT
- OH (C.M.) CLEANOUT
- OH (C.M.) MANHOLE
- OH (C.M.) TRAFFIC SIGNAL CONTROL
- OH (C.M.) TRAFFIC SIGNAL
- OH (C.M.) TELEPHONE POLE
- OH (C.M.) TELEPHONE BOX
- OH (C.M.) FLOOD LIGHT
- OH (C.M.) FLAG POLE
- IR (C.M.) TRAFFIC SIGN
- IR (C.M.) 1/2" IRON ROD
- IR (C.M.) W/"PACHECO KOCH" CAP SET
- IR (C.M.) CONTROLLING MONUMENT
- IR (C.M.) PROPERTY LINE
- X FENCE
- OH (C.M.) OVERHEAD UTILITY LINE
- OH (C.M.) EXISTING STORM LINE
- OH (C.M.) UNDERGROUND ELECTRIC LINE
- OH (C.M.) UNDERGROUND TELEPHONE LINE
- OH (C.M.) UNDERGROUND CABLE LINE
- OH (C.M.) UNDERGROUND WATER LINE
- OH (C.M.) UNDERGROUND CABLE LINE
- OH (C.M.) PROPOSED STORM LINE
- OH (C.M.) TOP OF INLET



REF. TO SHEET CO.1 FOR GRADING AND DRAINAGE NOTES

**RECORD DRAWING**

THE SIGNED AND SEALED CONSTRUCTION DOCUMENT HAS BEEN REVISED TO REFLECT CONSTRUCTION RECORDS MAINTAINED AND PROVIDED BY THE CONTRACTOR FOR THIS PROJECT. THE INFORMATION SHOWN ON THIS RECORD DRAWING, WHICH WAS PROVIDED BY THE CONTRACTOR, OR OTHERS NOT ASSOCIATED WITH THE DESIGN ENGINEER, CANNOT BE VERIFIED FOR ACCURACY OR COMPLETENESS. PACHECO KOCH SHALL ASSUME NO LIABILITY FOR ANY CHANGES MADE DURING CONSTRUCTION THAT WERE NOT SPECIFICALLY APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. THE SEALED CONSTRUCTION DRAWINGS ARE ON FILE AT THE OFFICES OF PACHECO KOCH.

ATTENDED BY: STEVEN M. HEILBRUN, PE  
SIGNATURE: *Steven M. Heilbrun*  
ENGINEER OF RECORD: STEVEN M. HEILBRUN, PE  
CONTRACTOR: THE CHRISTMAN COMPANY  
DATE REVISED: 07/21/2023

OWNER: GARY HANCOCK  
FIRST UNITED METHODIST ROCKWALL  
1200 EAST YELLOW JACKET LANE  
ROCKWALL, TEXAS 75087

07/21/2023	RECORD DRAWING
07/08/2022	PR-05
02/18/2022	PR-01

**Pacheco Koch** 7557 RAMBLER ROAD, SUITE 1400  
DALLAS, TX 75231 972.235.3031  
TX REG. ENGINEERING FIRM F-469  
TX REG. SURVEYING FIRM LS-10080000

**STORM SEWER PLAN**  
**FIRST UNITED METHODIST CHURCH**  
**YELLOW JACKET LANE & TOWNSEND ROAD**  
**LOT 7, BLOCK 1**  
**CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS**

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
SMH	GAC	APR 2022	1"=30'			<b>C5.1</b>

LAND USE: CHURCH