

CITY COUNCIL

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MAYOR

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COUNCIL DISTRICT #2

KEVIN FOWLER
COUNCIL DISTRICT #3

DENNIS LEWIS
COUNCIL DISTRICT #4

DANA MACALIK
COUNCIL DISTRICT #5

MIKE TOWNSEND
COUNCIL DISTRICT #6
MAYOR PRO-TEM

City of Rockwall



"The New Horizon"

CONSTRUCTION PLANS FOR
E. BOYDSTUN AVENUE

LIMIT: FROM S.GOLIAD ST. TO S.CLARK ST.

AND

THROCKMORTON ST.

LIMIT: FROM BOYDSTUN AVE TO BOURN ST.

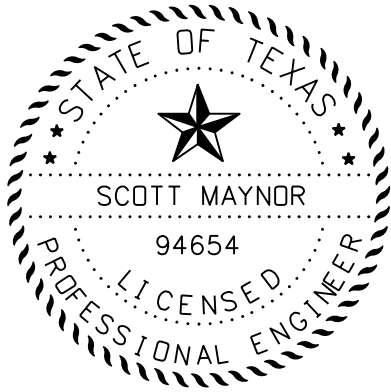
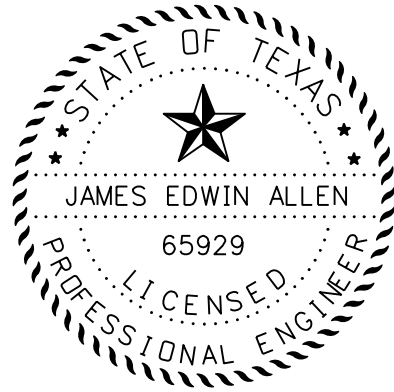
TYPE OF WORK: FOR RECONSTRUCTION OF ROADWAY.
CONSISTING OF: GRADING, BASE, DRAINAGE, WATER,
WASTEWATER, SIDEWALKS, PAVEMENT
MARKINGS AND SIGNING.

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STANDARD DRAWINGS:

CCCG-12	LMA(1)-12 (DAL)	MA-C-12	BC(5)-14	TCP(1-2)-12	SCP07
REPCP-14	LMA(2)-12 (DAL)	MA-D-12 (DAL)	BC(6)-14	TCP(1-3)-12	PW
PED-12A	LMA(3)-12 (DAL)	MA-DPD-12	BC(7)-14	TCP(1-4)-12	ECD
TS-FD-12 (DAL)	LMA(4)-12 (DAL)	LUM-A-12	BC(8)-14	TCP(2-3)-12	EC(3)-16
ED(1)-14	LMA(5)-12 (DAL)	BC(1)-14	BC(9)-14	WZ(BTS-1)-13	
ED(3)-14	PEDESTRIAN SIGNAL HEAD IDENTIFICATION (DAL)	BC(2)-14	BC(10)-14	WZ(RCD)-13	
ED(4)-14	TRAFFIC SIGNAL HEAD & RADAR INSTALLATION DETAILS (DAL)	BC(3)-14	BC(11)-14	WZ(UL)-13	
SMA-80(1)-12(DAL)	SNS-95	BC(4)-14	BC(12)-14	BCS	
SMA-80(2)-12(DAL)	MA-C(ILSN)-12				



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E. BOYDSTUN PROJECT
BEGIN PROJECT
STA 10+41.00

THROCKMORTON PROJECT
END 8+52.13

THROCKMORTON PROJECT
BEGIN STA 0+00

EQUATIONS: NONE
EXCEPTIONS: NONE
RAILROADS: NONE

E. BOYDSTUN PROJECT
END PROJECT
STA 28+18.46

E. BOYDSTUN CIP 2015 - 007
THROCKMORTON CIP 2015-008

GENERAL NOTES:

- ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" BY THE NORTH TEXAS CENTRAL COUNCIL OF GOVERNMENTS, 4TH EDITION AMENDED BY THE CITY OF ROCKWALL. THE CONTRACTOR SHALL REFERENCE THE LATEST CITY OF ROCKWALL STANDARD DETAILS PROVIDED IN THE ROCKWALL PUBLIC WORKS DEPARTMENT, ENGINEERING DIVISIONS "STANDARDS OF DESIGN AND CONSTRUCTION" MANUAL FOR DETAILS NOT PROVIDED IN THESE PLANS. THE CONTRACTOR SHALL POSSESS ONE SET OF THE NCTCOG STANDARD SPECIFICATIONS AND DETAILS AND THE CITY OF ROCKWALL'S "STANDARDS OF DESIGN AND CONSTRUCTION" MANUAL ON THE PROJECT SITE AT ALL TIMES.
- THE CONTRACTOR SHALL PROTECT EXISTING PROPERTY MONUMENTATION AND PRIMARY CONTROL. ANY SUCH POINTS WHICH THE CONTRACTOR BELIEVES WILL BE DESTROYED SHALL HAVE OFFSET POINTS ESTABLISHED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY MONUMENTATION DESTROYED BY THE CONTRACTOR SHALL BE RE-ESTABLISHED AT CONTRACTOR'S EXPENSE BY A REGISTERED PROFESSIONAL LAND SURVEYOR.
- ANY ITEM CALLED OUT FOR ON THE PLANS THAT DOES NOT HAVE A SPECIFIC BID ITEM SHALL BE SUBSIDIARY TO THE PROJECT AND NO SEPARATE PAY SHALL BE GIVEN.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PERFORMING ALL CONSTRUCTION LAYOUT FROM THE SITE LAYOUT CONTROL POINTS, AND FROM THE DIMENSIONS AND CENTERLINES SHOWN. THE CONTRACTOR MUST NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
- CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY SPRINKLING WATER (NO SEPARATE PAY), OR AS APPROVED BY THE CITY AND ENGINEER.
- CONTRACTOR SHALL VIDEO RECORD AND PROVIDE A COPY TO THE CONSTRUCTION INSPECTOR OF THE ENTIRE JOB SITE BEFORE CONSTRUCTION STARTS. VIDEO RECORD OF THE SITE WILL BE USED TO DISPUTE DISCREPANCIES OF ANY PREEXISTING CONDITIONS OF THE PROJECT SITE BEFORE CONSTRUCTION BEGINS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN A NEAT AND ACCURATE REDLINE RECORD OF CONSTRUCTION FOR THE CITY'S RECORDS. THE CONTRACTOR SHALL PROVIDE THE CITY FULL SIZE REPRODUCIBLE MARKUPS THAT RECORD ALL CONSTRUCTION DEVIATING FROM THE PLANS. THESE REDLINE CONSTRUCTION PLAN RECORDS SHALL BE SUBMITTED TO THE CITY AT THE END OF THE JOB AND SIGNED BY THE CONTRACTOR. THESE RECORDS MUST BE RECEIVED OR THE CITY WILL NOT RELEASE FINAL RETAINAGE OR ACCEPTANCE ON THE JOB.

FRANCHISE UTILITY NOTES:

- REASONABLE EFFORT HAS BEEN MADE TO SHOW THE LOCATION OF ALL KNOWN UNDERGROUND FRANCHISE UTILITIES AND SERVICE LINES. HOWEVER, THE OWNER ASSUMES NO RESPONSIBILITY FOR FAILURE TO SHOW ANY OR ALL EXISTING SUBSURFACE FRANCHISE UTILITIES OR UTILITY LINES, OR TO SHOW THEM IN THEIR EXACT LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, SERVICE LINES OR THE LIKE, WHICH ARE EXPOSED BY THE CONSTRUCTION OPERATIONS.
- EXISTING FRANCHISE UTILITIES SHOWN IN THESE PLANS REFLECT APPROXIMATE LOCATIONS PRIOR TO RELOCATIONS. SOME RELOCATIONS HAVE OCCURRED WITH UTILITY POLE, GAS, PHONE AND CABLE UTILITIES. THE CONTRACTOR SHALL CONTACT DIG-TEST TO LOCATE EXISTING AND NEW UTILITIES NOT SHOWN IN THESE PLANS.
- CONTRACTOR SHALL SUPPORT UTILITIES WHERE CROSSING WITH PROPOSED STORM SEWER, WATER LINES AND SANITARY SEWERS. METHOD OF SUPPORT SHALL BE PROVIDED TO THE OWNER 24 HOURS PRIOR TO CROSSING.
- THE LOCATION OFF ALL ATMOS GAS LINES, AT&T, CHARTER AND TXU/ONCOR ELECTRIC UNDERGROUND PHONE LINES IN THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL CONTACT ATMOS, TXU/ONCOR AT&T AND CHARTER TO VERIFY LOCATION AND DEPTH OF ALL EXISTING GAS, ELECTRIC AND PHONE LINES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL HAVE AND PAY FOR TXU/ONCOR, AT&T AND/OR CHARTER SUPPORT AND PROTECT ALL POWER, GUY WIRES OR CABLE AND/OR LIGHT POLES IN THE WORK AREA.
- ANY DAMAGE INCURRED TO EXISTING FRANCHISE UTILITIES, APPURTENANCES, UTILITY POLES, LIGHT STANDARDS, ETC. BY CONSTRUCTION RELATED ACTIVITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

FENCES, TREES, LANDSCAPING, AND IRRIGATION NOTES

- THE REMOVAL, REPLACEMENT OR RECONSTRUCTION OF ANY FENCE FOR THE CONVENIENCE OF CONSTRUCTION SHALL BE AT THE CONTRACTOR'S EXPENSE (NO SEPARATE PAY). NEW MATERIALS SHALL MATCH EXISTING FENCES. ALL WOOD FENCES SHALL BE REPLACED WITH NEW CEDAR WITH THE POST MATCHING CITY REQUIREMENTS.
- TEMPORARY FENCING SHALL BE REQUIRED WHERE THERE IS EVIDENCE OF LIVESTOCK AND WHERE DAMAGED OR REMOVED FENCES ARE NOT TO BE REPLACED BY THE END OF THE SAME WORK DAY.
- THE REMOVAL AND REPLACEMENT OF ALL SHRUBS, PLANTS, TREES, ETC. FOR THE CONVENIENCE OF CONSTRUCTION SHALL BE AT THE CONTRACTOR'S EXPENSE (NO SEPARATE PAY). NEW SHRUBS, TREE, ETC. SHALL BE EQUAL TO OR BETTER THAN EXISTING ONES.

FENCES, TREES, LANDSCAPING, AND IRRIGATION NOTES CONT.:

- ALL SHRUBS, PLANTS, TREES, ETC MUST BE APPROVED BY THE CITY BEFORE REMOVAL.
- THE CONTRACTOR SHALL LOCATE AND RECORD EXISTING IRRIGATION SYSTEMS PRIOR TO CONSTRUCTION. IF IRRIGATION'S SYSTEMS ARE DAMAGED DURING CONSTRUCTION THE CONTRACTOR SHALL REPAIR TO SAME OR BETTER CONDITION. AN IRRIGATOR LICENSED IN THE STATE OF TEXAS SHALL REPAIR ALL DAMAGED CAUSED BY CONSTRUCTION. CONTRACTOR SHALL COORDINATE ANY IRRIGATION WORK WITH THE CITY OF ROCKWALL AND PROPERTY OWNER'S REPRESENTATIVES.
- CONTRACTOR SHALL REPLACE ANY TREES REMOVED OR DESTROYED THAT ARE NOT SHOWN IN THESE PLANS TO BE REMOVED OR SHALL PAY FAIR MARKET VALUE TO THE OWNER AS DETERMINED BY THE OWNER. (NO SEPARATE PAY)

MAILBOXES, MAIL SERVICE AND TRASH SERVICE NOTES:

- EXISTING MAILBOXES IN CONFLICT WITH CONSTRUCTION SHALL BE TAKEN OUT OF SERVICE, REMOVED AND REPLACE TO THE SAME OR BETTER CONDITION AND PLACED IN A LOCATION APPROVED BY THE CITY/PROPERTY OWNER. PHOTOGRAPHS OF THE MAILBOX SHALL BE TAKEN WITH THE ADDRESS SHOWN, SHALL BE PROVIDED TO THE CITY PRIOR TO BEING REMOVED.
- TEMPORARY MAILBOX SHALL BE PROVIDED AND MAINTAINED THROUGHOUT THE PROJECT WHERE EXISTING MAIL BOXES ARE BEING REMOVED. ADDRESSES SHALL BE PROVIDED ON ALL TEMPORARY MAIL BOXES.
- PAYMENT FOR REMOVAL AND REPLACEMENT OF EXISTING MAILBOX WILL BE PAID FOR UNDER THE APPROPRIATE BID ITEM. BRICK MAILBOX SHALL MATCH EXISTING BRICK.
- TRASH SERVICE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION. ON COLLECTION DAYS THE CONTRACTOR SHALL MOVE TRASH AND RECYCLING RECEPTACLES TO LOCATION ALONG STREET TO BE COLLECTED AND MOVED BACK TO ORIGINAL LOCATION AT THE END OF THE DAY. (NO SEPARATE PAY)





























TRAFFIC CONTROL NOTES CONT.:

- NO TRAFFIC SIGNS SHALL BE TAKEN DOWN WITHOUT PERMISSION FROM THE CITY. CONTRACTOR NEEDING TO MOVE AND REPLACE TRAFFIC SIGN FOR CONSTRUCTION PURPOSES WILL BE PAID FOR UNDER TRAFFIC CONTROL BID ITEM.
- CONTRACTOR WILL FURNISH AND INSTALL ALL SIGNAGE IN ACCORDANCE WITH TMUTCD GUIDELINES. PRIOR TO INSTALLATION OF SIGNAGE, CONTRACTOR SHALL STAKE LOCATIONS AND RECEIVE APPROVAL FROM CITY ON LOCATIONS. ALL SIGNAGE THAT IS REMOVED BY THE CONTRACTOR SHALL BE SAVED AND DELIVERED TO MUNICIPAL SERVICE CENTER, STREETS DIVISION. ALL REPLACED SIGNS SHALL BE NEW. SEE CITY REQUIREMENTS FOR SIGN MATERIALS.
- CONTRACTOR TO DESIGN AND CONSTRUCT TEMPORARY TRAFFIC SIGNALS USING TXDOT STANDARDS. TEMPORARY TRAFFIC SIGNALS TO BE USED DURING CONSTRUCTION OF PERMANENT TRAFFIC SIGNALS.

EROSION CONTROL NOTES (SWPPP)

- THE CONTRACTOR OR DEVELOPER SHALL BE RESPONSIBLE, AS THE ENTITY EXERCISING OPERATIONAL CONTROL, FOR ALL PERMITTING AS REQUIRED BY THE ENVIRONMENTAL PROTECTION AGENCY (EPA) AND THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ). THIS INCLUDES, BUT IS NOT LIMITED TO, PREPARATION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP), THE CONSTRUCTION SITE NOTICE (CSN), THE NOTICE OF INTENT (NOI), THE NOTICE OF TERMINATION (NOT) AND ANY NOTICE OF CHANGE (NOC) AND IS REQUIRED TO PAY ALL ASSOCIATED FEES.
- EROSION CONTROL DEVICES AS SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF LAND DISTURBING ACTIVITIES.
- ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE PROJECT. EROSION CONTROL DEVICES SHALL BE PLACED AND IN WORKING ORDER PRIOR TO START OF CONSTRUCTION. CHANGES ARE TO BE REVIEWED BY THE DESIGN ENGINEER AND THE CITY OF ROCKWALL PRIOR TO IMPLEMENTATION.
- IF THE EROSION CONTROL PLANS AND STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AS APPROVED CANNOT APPROPRIATELY CONTROL EROSION AND OFF-SITE SEDIMENTATION FROM THE PROJECT, THE EROSION CONTROL PLAN AND/OR THE SWPPP IS REQUIRED TO BE REVISED AND ANY CHANGES REPORTED TO THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ), WHEN APPLICABLE.
- ALL EROSION CONTROL DEVICES SHALL BE INSPECTED WEEKLY BY THE CONTRACTOR AND AFTER ALL MAJOR RAIN EVENTS, OR MORE FREQUENTLY AS DICTATED IN THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP). CONTRACTOR SHALL PROVIDE COPIES OF INSPECTION REPORTS TO THE ENGINEERING INSPECTION AFTER EACH INSPECTION.
- THE CONTRACTOR SHALL NOT DISPOSE OF WASTE AND ANY MATERIALS INTO STREAMS, WATERWAYS OR FLOODPLAIN'S. THE CONTRACTOR SHALL SECURE ALL EXCAVATION AT THE END OF EACH DAY AND DISPOSE OF ALL EXCESS MATERIALS. DISPOSAL SITE SHALL BE DOCUMENTED AND PROVIDED TO THE CITY.
- CONTRACTOR SHALL GRADE GROUND AND DITCHES DISTURBED BY CONSTRUCTION TO PREVENT PONDING OF STORM WATER RUNOFF. GRADING SHALL BE SUBSIDIARY TO THE APPROPRIATE BID ITEM FOR UNCLASSIFIED STREET AND UNCLASSIFIED CHANNEL EXCAVATION. TOPSOIL SHALL BE STOCKPILED AND REPLACED TO A MINIMUM DEPTH OF 6-INCHES AND DISC HARROWED TO A MINIMUM DEPTH OF 4-INCHES (NO PAY ITEM). CONTRACTOR SHALL REPLACE GRASS AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WITH SOLID SOD. SODDED AREAS SHALL BE WATERED AND MAINTAINED UNTIL ESTABLISHED.
- THE CONTRACTOR SHALL PROVIDE 4 INCHES OF TOP SOIL IN ALL PARKWAYS THAT ARE TO BE SODDED. TOP SOIL SHALL BE APPROVED BY THE CITY IN WRITING. TOPSOIL SHALL BE SUBSIDIARY TO PLACEMENT OF GRASS/SOD.
- ALL AREAS OUTSIDE PAVEMENT DISTURBED BY CONSTRUCTION ACTIVITIES SHALL HAVE GRASS SOD ESTABLISHED IMMEDIATELY. SOD SHALL MATCH EXISTING YARD TYPE. PAYMENT SHALL BE MADE UNDER THE APPROPRIATE BID SCHEDULE ITEM. AREAS DISTURBED OUTSIDE THE R.O.W. OR LIMITS OF CONSTRUCTION SHALL HAVE GRASS SOD ESTABLISHED IMMEDIATELY AT THE CONTRACTORS EXPENSE.

LEGEND

-  = SSWR-FTTG
-  = TRAFFIC LIGHT
-  = SIGN
-  = COMMUNICATION EQUIP
-  = WATER VALVE
-  = WATER METER
-  = IRRIGATION EQUIP
-  = ELECTRIC
-  = GAS METER
-  = POWER POLE
-  = BORE
-  = GAS
-  = POWER JUNCTION BOX
-  = POWER INST
-  = MAIL BOX
-  = LIGHT
-  = SAN SEWER MANHOLE
-  = STORM MANHOLE
-  = WATER MANHOLE
-  = COMMUNICATIONS PEDESTAL
-  = FIRE HYDRANT
-  = TRAFFIC SIGNAL BOX
-  = OVERHEAD POWER
-  = POWER POLE GUYS
-  = ELECTRIC METER
-  = GRATE
-  = POST OFFICE LIGHT
-  = PROPERTY CORNER



\$DATES



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Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

GENERAL NOTES

E. BOYDSTUN AVE.

FROM S. GOLIAD ST TO S. CLARK ST


PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017				2

RECORD DRAWING

THIS DRAWING IS A COMPILATION OF A COPY OF THE SEALED ENGINEERING DRAWING FOR THIS PROJECT, MODIFIED BY ADDENDA, CHANGE ORDERS AND INFORMATION FURNISHED BY THE CONTRACTOR. THE INFORMATION SHOWN ON THE RECORD DRAWING THAT WAS PROVIDED BY THE CONTRACTOR OR OTHERS NOT ASSOCIATED WITH THE DESIGN ENGINEER CANNOT BE VERIFIED FOR ACCUACY OR COMPLETENESS. THE ORIGINAL SEALED DRAWINGS ARE ON FILE AT THE OFFICE OF EJES, INC. TYPE FIRM REGISTRATION No. 2488

JULY 26, 2019
James Allen, P.E., TX License No. 65529Date

ADDENDUM 1: 9-22-2017

DEMOLITION, REMOVAL, DISPOSAL END EXCAVATION NOTES:

- CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL EXISTING CONCRETE AND HMAC PAVEMENT OUTSIDE OF THE CITY LIMITS AS REQUIRED FOR CONSTRUCTION OF THE PROJECT. ALL COST SHALL BE INCLUDED IN THE APPROPRIATE ITEM IN THE BID SCHEDULE.
- PAYMENTS FOR REMOVAL AND REPLACEMENT OF STREET, DRIVEWAY AND SIDEWALK PAVEMENT SHALL BE BASED ON PLAN QUANTITY AND NO ADJUSTMENTS WILL BE MADE UNLESS APPROVED IN WRITING BY THE CITY ENGINEER.
- ALL PAVEMENTS TO BE REMOVED AND REPLACED SHALL BE SAW CUT TO FULL DEPTH ALONG NEAT LINES SHOWN IN THE PLANS. PROPOSED CONCRETE PAVEMENT SHALL BE CONSTRUCTED WITH LONGITUDINAL BUTT CONSTRUCTION JOINTS AT ALL CONNECTIONS TO EXISTING CONCRETE PAVEMENT.
- THE CONTRACTOR SHALL REMOVE FROM THE PROJECT AREA ALL SURPLUS MATERIAL. THIS WORK SHALL BE INCIDENTAL AND NOT A SEPARATE PAY ITEM. SURPLUS MATERIALS FROM EXCAVATION INCLUDE DIRT, TRASH, ROCK MEASURING GREATER THAN 6" IN THE LARGEST DIMENSION, ETC. SHALL BE PROPERLY DISPOSED OF AT A SITE ACCEPTABLE TO THE CITY OF ROCKWALL IF WITHIN THE CITY LIMITS. NO EXCESS EXCAVATED MATERIAL SHALL BE DEPOSITED IN LOW AREAS OR ALONG NATURAL DRAINAGE WAYS WITHOUT WRITTEN PERMISSION FROM THE AFFECTED PROPERTY OWNER AND THE CITY OF ROCKWALL. IF THE CONTRACTOR PLACES EXCESS MATERIALS IN THESE AREAS WITHOUT WRITTEN PERMISSION, HE WILL BE RESPONSIBLE FOR ALL DAMAGES RESULTING FROM SUCH FILL AND HE SHALL REMOVE THE MATERIAL AT HIS OWN COST.
- ALL EXCAVATION ON THE PROJECT IS UNCLASSIFIED. IF SOIL BORINGS WERE CONDUCTED THEY ARE PROVIDED IN THE BID/CONTRACT DOCUMENTS.

UTILITY NOTES:

- REASONABLE EFFORT HAS BEEN MADE TO SHOW THE LOCATION AND TYPE OF ALL KNOWN CITY OF ROCKWALL UNDERGROUND WET UTILITIES AND SERVICE LINES. HOWEVER, THE CITY OF ROCKWALL ASSUMES NO RESPONSIBILITY FOR FAILURE TO SHOW ANY OR ALL EXISTING CITY OF ROCKWALL UNDERGROUND WET UTILITIES AND SERVICE LINES, OR TO SHOW THEM IN THEIR EXACT LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES, SERVICE LINES OR THE LIKE, WHICH ARE EXPOSED BY THE CONSTRUCTION OPERATIONS.
- BIDDERS SHALL MAKE ANY INVESTIGATION OF EXISTING SUBSURFACE CONDITIONS AS DEEMED NECESSARY AT NO EXPENSE TO THE CITY OF ROCKWALL. NEITHER THE CITY OF ROCKWALL NOR THE ENGINEER WILL BE RESPONSIBLE IN ANY WAY FOR ADDITIONAL COMPENSATION FOR EXCAVATION WORK PERFORMED UNDER THIS CONTRACT DUE TO THE CONTRACTORS ASSUMPTIONS.
- CONTRACTOR SHALL ADJUST ALL CITY OF ROCKWALL UTILITIES TO THE FINAL GRADES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SERVICE LINES CROSSED OR EXPOSED BY CONSTRUCTION OPERATIONS. WHERE EXISTING SERVICE LINES ARE CUT, BROKEN OR DAMAGED, THE CONTRACTOR SHALL IMMEDIATELY REPLACE THE SERVICE LINE WITH SAME TYPE OF ORIGINAL CONSTRUCTION OR BETTER.
- THE CONTRACTOR SHALL EXCAVATE AND FIELD LOCATE THE HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITY CROSSING LOCATIONS UTILIZING PROVIDED PROJECT CONTROL. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES IDENTIFIED BETWEEN THE CONTRACTORS FIELD VERIFIED EXISTING UTILITY LOCATION AND PROPOSED LOCATION OF UTILITIES FOR THE PROJECT.
- THE CONTRACTOR SHALL ABIDE BY ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS GOVERNING EXCAVATION. THE CONTRACTOR SHALL PROVIDE DETAILED PLANS AND SPECIFICATIONS FOR TRENCH SAFETY SYSTEMS THAT COMPLY WITH APPLICABLE LAWS GOVERNING EXCAVATION. THESE PLANS SHALL BE SEALED BY AN ENGINEER EXPERIENCED IN THE DESIGN OF TRENCH SAFETY SYSTEMS, REGISTERED IN THE STATE OF TEXAS. THE CONTRACTOR SHALL SUBMIT COMPLETED TRENCH SAFETY PLAN TO THE ENGINEER AND CITY PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL ASPECTS OF WORK RELATED TO EXCAVATION.

WATER LINE NOTES

- THE CONTRACTOR SHALL MAINTAIN EXISTING WATER SERVICE AT ALL TIMES DURING CONSTRUCTION.
- PROPOSED WATER LINES SHALL BE AWWA C-900 PVC, DR 14 PC 305 (BLUE IN COLOR) UNLESS OTHERWISE SHOWN ON WATER PLAN AND PROFILES SHEETS. PROPOSED WATER LINES SHALL BE CONSTRUCTED WITH MINIMUM COVER OF 4 FEET. PROPOSED WATER LINE EMBEDMENT SHALL BE NCTCOG CLASS 'B-3' AS AMENDED BY THE CITY OF ROCKWALL'S PUBLIC WORKS STANDARDS OF DESIGN AND CONSTRUCTION MANUAL.
- CONTRACTOR SHALL COORDINATE THE SHUTTING DOWN OF ALL WATER LINES WITH THE CITY OF ROCKWALL, PUBLIC WORKS, WATER DIVISION. THE CITY SHALL OPERATE ALL WATER VALVES.
- CONTRACTOR SHALL FURNISH AND INSTALL GASKET ON WATER LINES BETWEEN ALL DISSIMILAR METALS AND AT VALVES (BOTH EXISTING AND PROPOSED).
- ALL FIRE HYDRANTS AND VALVES REMOVED AND SALVAGED SHALL BE RETURNED TO THE CITY OF ROCKWALL MUNICIPAL SERVICE CENTER.

WATER LINE NOTES CONT.

- BLUE EMS PADS SHALL BE INSTALLED AT EVERY CHANGE IN DIRECTION, VALVE AND SERVICE TAP ON THE PROPOSED WATER LINE AND EVERY 250'.
- CONTRACTOR TO INSTALL NEW METER BOXES AND ALL FITTINGS EXCEPT FOR THE METERS PER EACH SERVICE COMPLETE INCLUDING CONNECTION TO THE MAIN LINE.
- EXISTING METER AND METER BOXES, AND VALVE STEM AND COVERS NOT SPECIFICALLY CALLED TO BE RELOCATED SHALL BE ADJUSTED TO MATCH FINAL GRADES (NO PAY ITEM). ANY METER IN PAVEMENT SHALL HAVE A TRAFFIC RATED LID.

WASTEWATER LINE NOTES

- THE CONTRACTOR SHALL MAINTAIN EXISTING WASTEWATER SERVICE AT ALL TIMES DURING CONSTRUCTION.
- PROPOSED WASTEWATER LINE EMBEDMENT SHALL BE NCTCOG CLASS 'B-2' AS AMENDED BY THE CITY OF ROCKWALL'S PUBLIC WORKS STANDARD DESIGN AND CONSTRUCTION MANUAL.
- GREEN EMS PADS SHALL BE INSTALLED AT EVERY MANHOLE, CLEAN OUT AND SERVICE LATERAL ON PROPOSED WASTEWATER LINES.
- ALL EXISTING WASTEWATER SERVICES SHALL BE TRANSFERRED FROM WASTEWATER LINES BEING ABANDONED TO PROPOSED WASTEWATER LINES. TRANSFERRING WASTEWATER SERVICES SHALL INCLUDE DOUBLE CLEAN OUTS AT THE PROPERTY LINES, CAPS, TEES, WYES, PLUGS AND CONNECTION. PAYMENT FOR TRANSFERRING WASTEWATER SERVICES SHALL BE PAID PER EACH, UNDER THE APPROPRIATE BID SCHEDULE ITEM.
- CONTRACTOR SHALL CCTV ALL EXISTING WASTEWATER LINES THAT ARE TO BE ABANDONED TO ENSURE THAT ALL LATERALS ARE ACCOUNTED FOR AND TRANSFERRED TO PROPOSED WASTEWATER LINES. (NO SEPARATE PAY)
- EXISTING MANHOLES AND CLEANOUTS NOT SPECIFICALLY CALLED TO BE RELOCATED SHALL BE ADJUSTED TO MATCH FINAL GRADES (NO PAY ITEM).

PAVING NOTES

- ALL PAVING ROADWAY SECTIONS THICKNESS, STRENGTH, REINFORCEMENT, JOINT TYPE, JOINT SPACING AND SUBGRADE TREATMENT SHALL MATCH THE TYPICAL SECTIONS AND DETAILS CALLED OUT IN THE PLANS. IF NOT CALLED OUT ON THE PLANS ALL CONCRETE PAVING SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF TABLE 2.3 IN THE STANDARDS OF DESIGN AND CONSTRUCTION.
- REINFORCING STEEL SHALL BE TIED (100%). REINFORCING STEEL SHALL BE SET ON PLASTIC CHAIRS. BAR LAPS SHALL BE MINIMUM 30 DIAMETERS. SAWED TRANSVERSE DUMMY JOINTS SHALL BE SPACED EVERY 15 FEET OR 1.25 TIME LONGITUDINAL BUTT JOINT SPACING WHICHEVER IS LESS. SAWING SHALL OCCUR WITHIN 5 TO 12 HOURS AFTER THE POUR INCLUDING SEALING. OTHERWISE THE SECTION SHALL BE REMOVED AND LONGITUDINAL BUTT JOINT CONSTRUCTED.
- ALL PROPOSED HMAC STREET PAVEMENT SHALL CONSIST OF 4 INCHES OF TYPE B (BASE) WITH 2 INCHES OF TYPE D (SURFACE) ON TOP OF 6" FLEX BASE (IF NOT SPECIFIED IN THE PLANS)
- NO SAND SHALL BE ALLOWED UNDER ANY PAVING.
- CONCRETE MIX DESIGN SHALL BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT.
- FLY ASH MAY BE USED IN CONCRETE PAVEMENT LOCATIONS PROVIDED THAT THE MAXIMUM CEMENT REDUCTION DOES NOT EXCEED 20% BY WEIGHT PER C.Y. OF CONCRETE. THE FLY ASH REPLACEMENT SHALL BE 1.25 LBS PER 1.0 LB CEMENT REDUCTION.
- ALL CURB AND GUTTER SHALL BE INTEGRAL (MONOLITHIC) WITH THE PAVEMENT.
- ALL FILL SHALL BE COMPACTED BY SHEEP'S FOOT ROLLER TO A MINIMUM 95% STANDARD PROCTOR. MAXIMUM LOOSE LIFT FOR COMPACTION SHALL BE 8 INCHES. ALL LIFTS SHALL BE TESTED FOR DENSITY BY AN INDEPENDENT LABORATORY APPROVED BY THE CITY.
- ALL PROPOSED SIDEWALKS SHALL INCLUDE BARRIER FREE RAMPS AT INTERSECTING STREETS, ALLEYS, ECT. BARRIER FREE RAMPS SHALL MEET CURRENT CITY AND ADA REQUIREMENTS AND BE APPROVED BY THE TEXAS DEPARTMENT OF LICENSING AND REGULATION (TDLR).
- SIDEWALKS SHALL BE DOWELED INTO PAVEMENT WHERE IT ABUTS CURBS AND DRIVEWAYS. EXPANSION JOINT MATERIAL SHALL BE USED AT THESE LOCATIONS (NO PAY ITEM).
- ALL CONNECTION OF PROPOSED CONCRETE PAVEMENT TO EXISTING CONCRETE PAVEMENT SHALL INCLUDE A LONGITUDINAL BUTT JOINT AS THE LOAD TRANSFER DEVICE. CONCRETE SAW CUTS FOR ALL DRIVEWAYS AND SIDEWALKS SHALL BE SUBSIDIARY TO THE APPROPRIATE BID ITEM FOR DRIVEWAY AND SIDEWALK REPLACEMENT. ALL LONGITUDINAL BUTT JOINTS SHALL BE CLEAN, STRAIGHT AND SMOOTH (NOT JAGGED IN APPEARANCE)

PAVING NOTES CONT.

- THERE SHALL BE NO SEPARATE PAYMENT FOR SUBGRADE PREPARATION UNDER DRIVEWAY AND SIDEWALK AREAS AND ALL COST SHALL BE INCLUDED IN THE APPROPRIATE ITEMS OF THE BID SCHEDULE.
- CRACKS FORMED IN CONCRETE PAVEMENT SHALL BE REPAIRED OR REMOVED BY THE CONTRACTOR AT THE CITY'S DISCRETION.

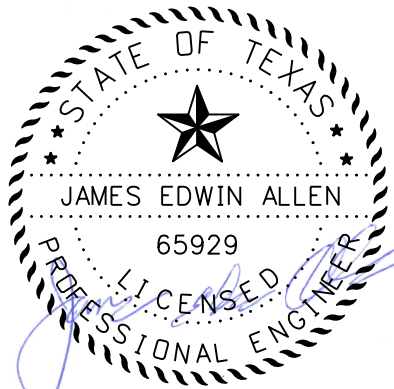
DRAINAGE/STORM SEWER NOTES

- THE CONTRACTOR SHALL MAINTAIN DRAINAGE AT ALL TIMES DURING CONSTRUCTION. PONDING OF WATER IN STREETS, DRIVES, TRENCHES, ETC. WILL NOT BE ALLOWED. EXISTING DRAINAGE WAYS SHALL NOT BE BLOCKED OR REMOVED UNLESS EXPLICITLY STATED IN THE PLANS OR WRITTEN APPROVAL IS GIVEN BY THE CITY.
- ALL STRUCTURAL CONCRETE SHALL BE CLASS "C" (4200 PSI COMPRESSIVE STRENGTH AT 28 DAYS MINIMUM 7.0 SACK), AIR ENTRAINED, UNLESS NOTED OTHERWISE.
- PROPOSED STORM SEWER EMBEDMENT SHALL BE NCTCOG CLASS 'B' AS AMENDED BY THE CITY OF ROCKWALL'S PUBLIC WORKS, ENGINEERING DIVISION STANDARDS OF DESIGN AND CONSTRUCTION MANUAL.
- ALL STORM PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP), CLASS III, UNLESS OTHERWISE NOTED.



LEGEND

- = SSWR-FTTG
- = TRAFFIC LIGHT
- = SIGN
- = COMMUNICATION EQUIP
- = WATER VALVE
- = WATER METER
- = IRRIGATION EQUIP
- = ELECTRIC
- = GAS METER
- = POWER POLE
- = BORE
- = GAS
- = POWER JUNCTION BOX
- = POWER INST
- = MAIL BOX
- = LIGHT
- = SAN SEWER MANHOLE
- = STORM MANHOLE
- = WATER MANHOLE
- = COMMUNICATION PEDESTAL
- = FIRE HYDRANT
- = TRAFFIC SIGNAL BOX
- = OVERHEAD POWER
- = POWER POLE GUYS
- = ELECTRIC METER
- = GRATE
- = POST OFFICE LIGHT
- = PROPERTY CORNER



\$DATES

EJES
INCORPORATED

12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

GENERAL NOTES

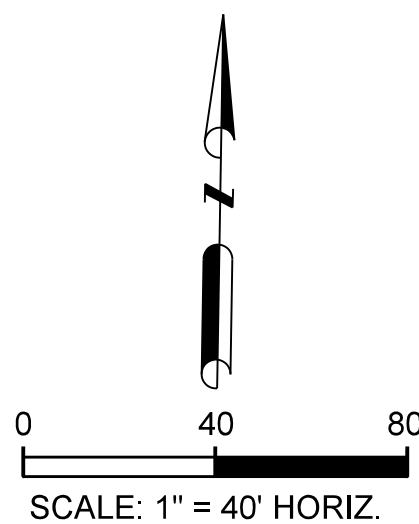
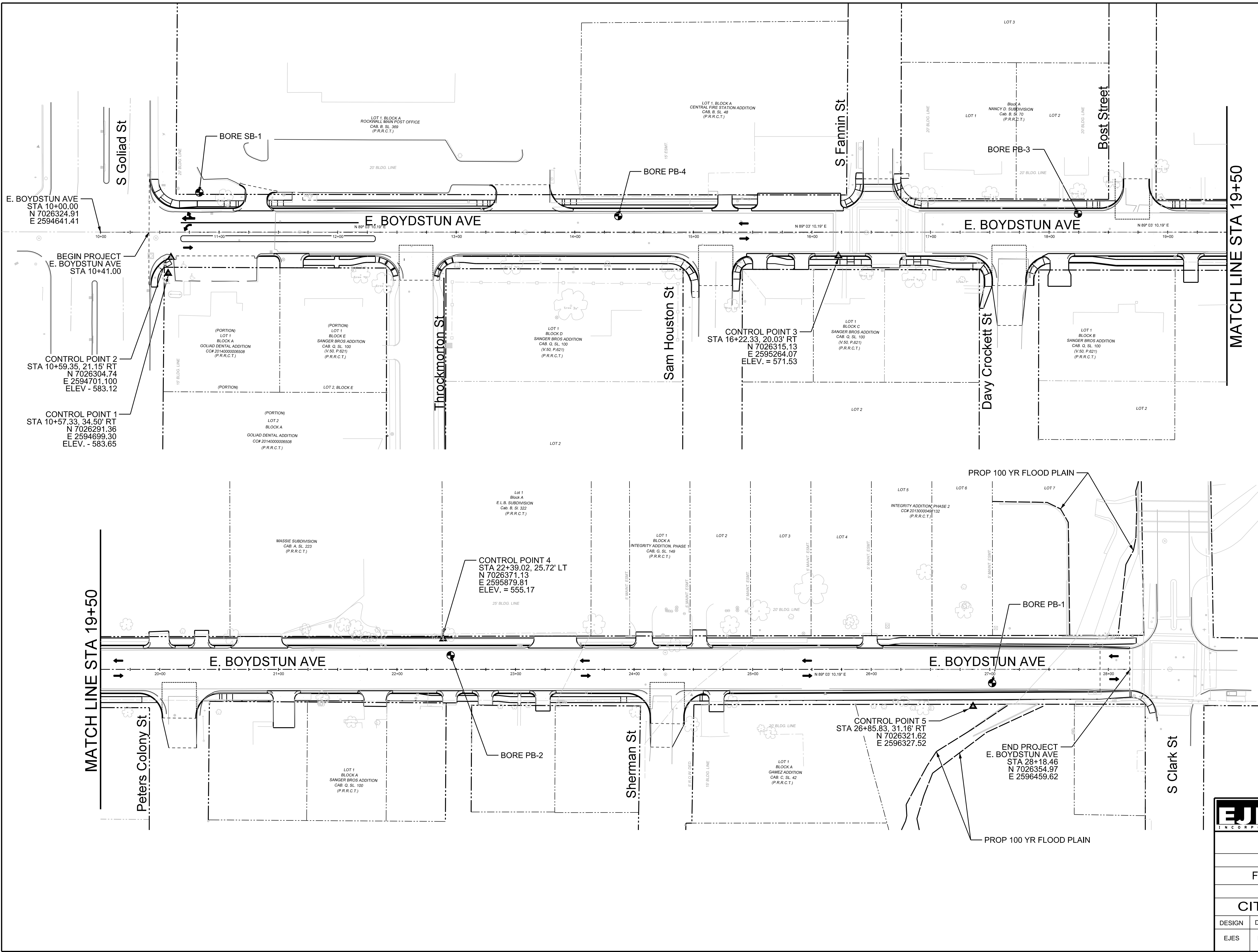
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017				2A

ADDENDUM 1: 9-22-2017

RECORD DRAWING

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James Allen, P.E., TX License No. 65929
JULY 29, 2019
Date



- LEGEND
- ▲ CONTROL POINTS
 - BORING LOCATIONS

NOTE:
SURVEY ESTABLISHED USING CITY OF ROCKWALL'S MONUMENT "RESET RO05-1". MONUMENT NEAR THE INTERSECTION OF SUMMIT RIDGE DR. AND FM 740.

SURVEY IS DONE IN TEXAS STATE PLANE COORDINATE SYSTEM, NAD 83, NORTH CENTRAL ZONE 4202. ALL DISTANCES AND COORDINATES ARE SURFACE. THEY MAY BE CONVERTED TO GRID BY DIVIDING BY A COMBINED SCALE FACTOR OF 1.000146135

BORINGS FROM GEOTECHNICAL REPORT BY HVJ INC. MARCH 9, 2016

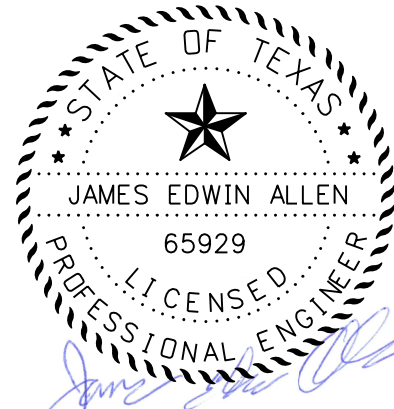
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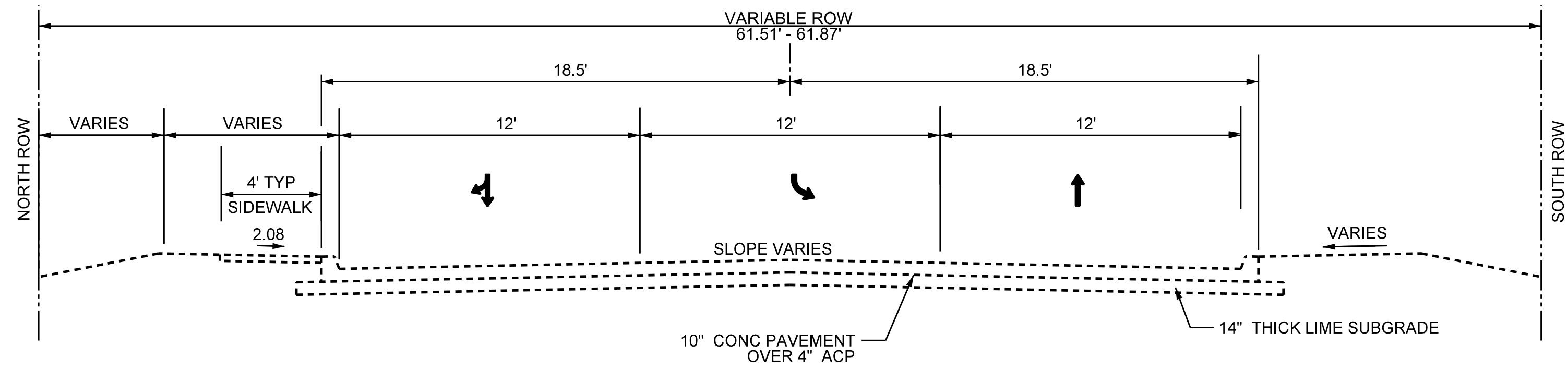
JULY 28, 2019

Date

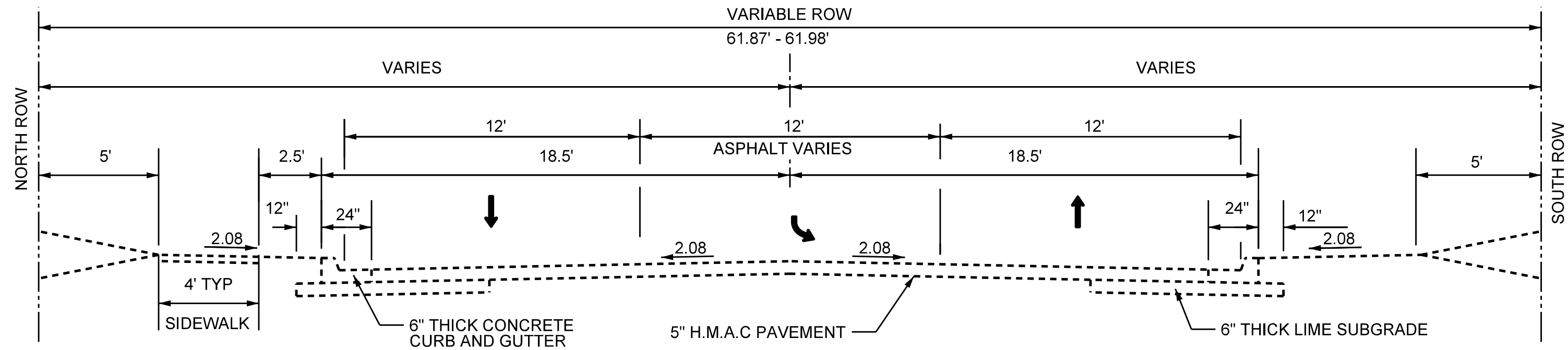


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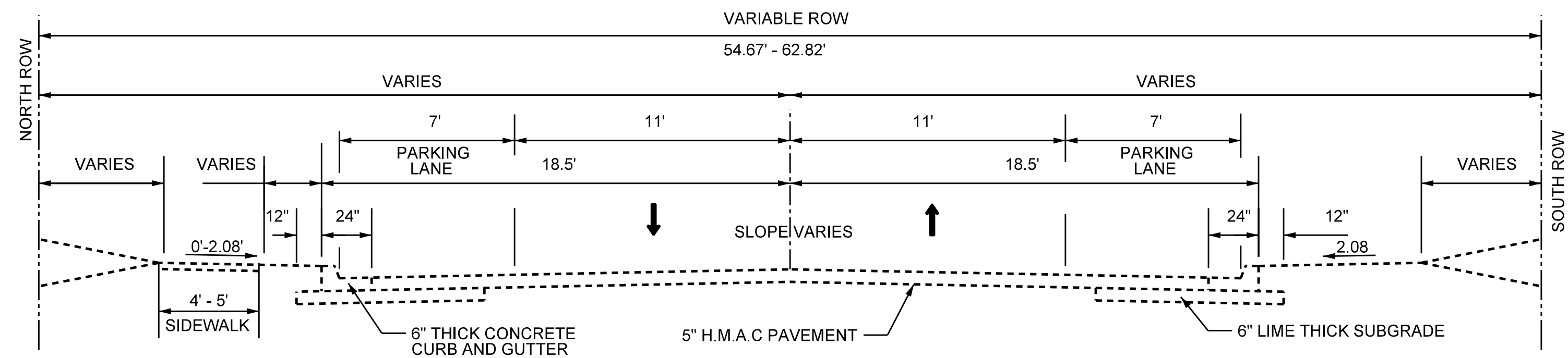
PROJECT LAYOUT						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017				4



EXISTING TYPICAL SECTION
STA 10+14.00 TO STA 11+47.25

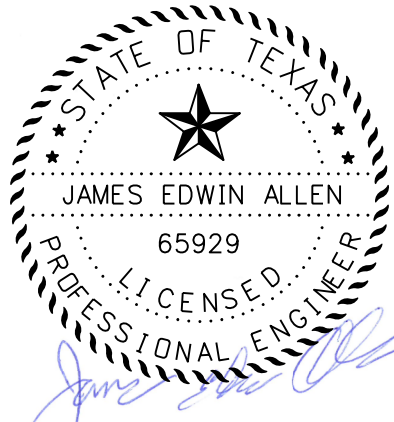


EXISTING TYPICAL SECTION
STA 11+47.25 TO STA 12+50.00



EXISTING TYPICAL SECTION
STA 12+50.00 TO STA 28+18.46
STA 12+50.00 TO STA 16+40.00
(NO PARKING NORTHSIDE OF STREET)

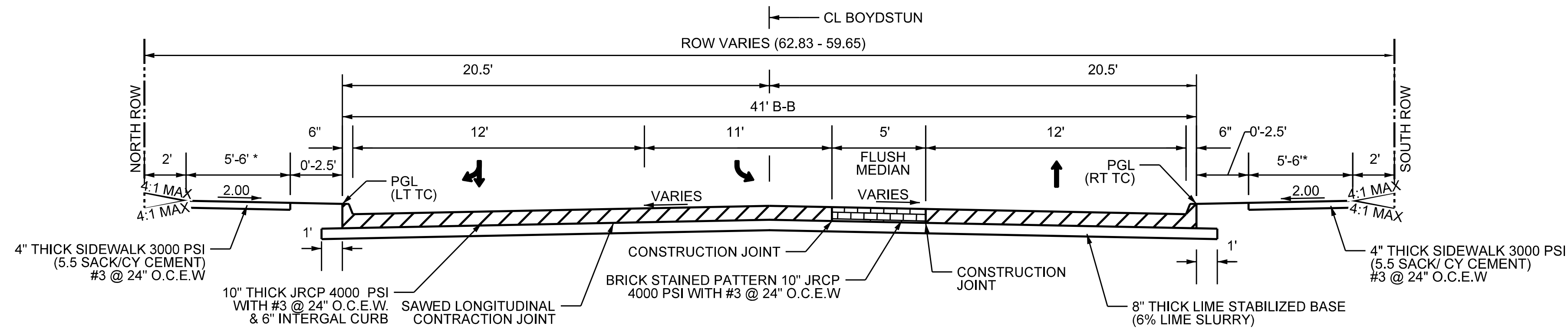
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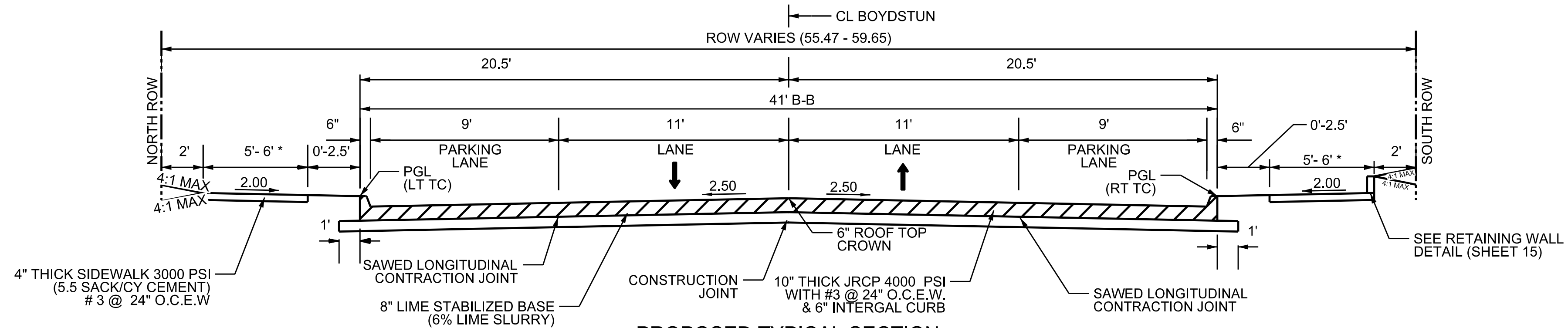
TYPICAL SECTIONS
E. BOYDSTUN AVE.
FROM S. GOLIAD ST TO S. CLARK ST
PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017				5



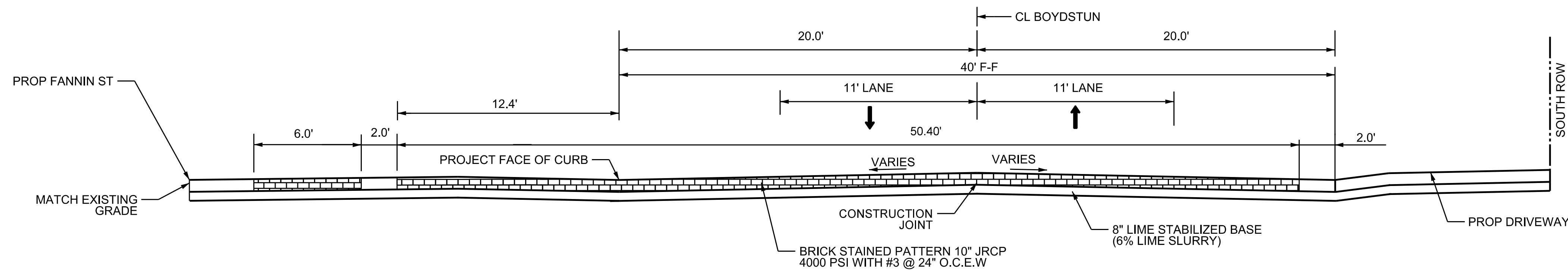
PROPOSED TYPICAL SECTION

STA 10+41.00 TO STA 17+50.00

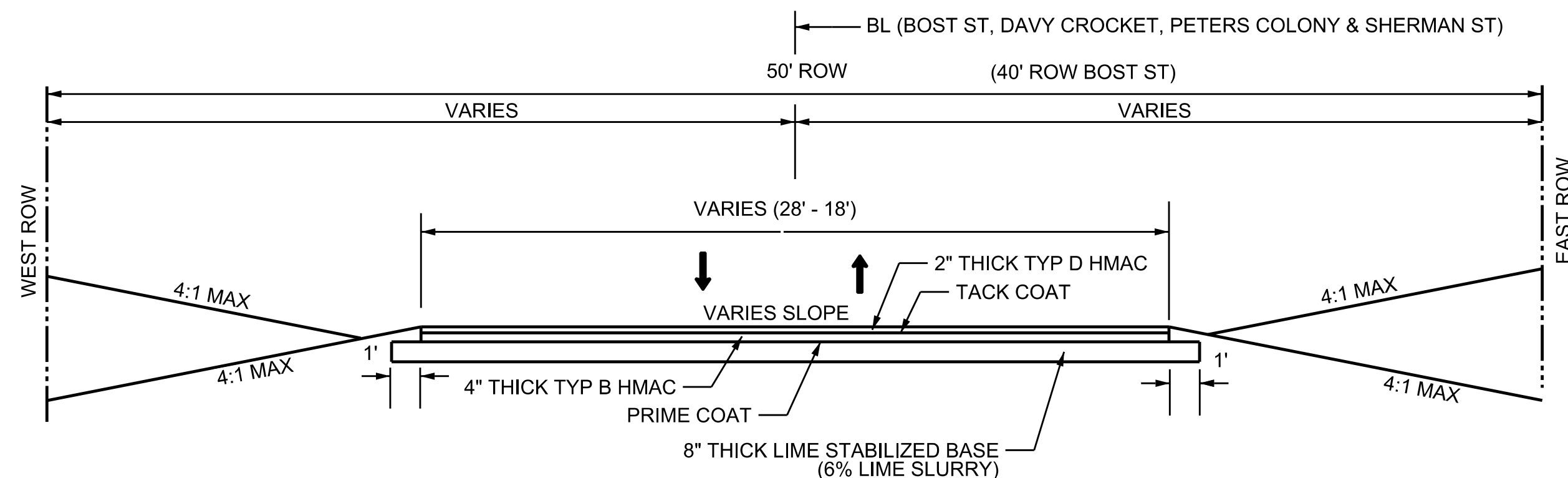


PROPOSED TYPICAL SECTION

STA 12+18.00 TO STA 16+40.00
(NO PARKING ON NORTHSIDE OF STREET)
STA 17+50.00 TO STA 28+18.46



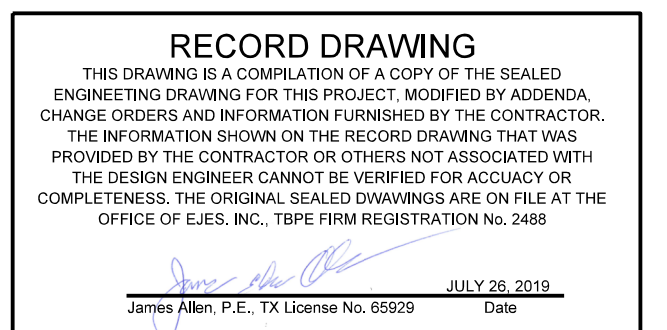
PROPOSED BOYDSTUN/ FANNIN TYPICAL SECTION



PROPOSED ASPHALT TAPER TYPICAL SECTION

NOTE:

1. SEE NCTCOG DETAIL 2170 JOINT LUG DETAIL FOR SIDEWALK ADJACENT TO CURB AND LUG SHOULD BE DOWELED IN WITH #3 BARS ON 24" CENTERS APPROXIMATELY 3" INTO CURB AND ANCHORED WITH EPOXY RESIN.
2. SIDEWALK WIDTH SHALL BE 6' AGAINST CURB AND 5' AWAY FROM CURB.
3. APPLY TACK COAT MS-2 OR SS-1 AT A RATE OF 0.10 GAL/SY OR AS DIRECTED BY THE ENGINEER.
4. APPLY PRIME COAT (MC-30) AT A RATE OF 0.20 GAL/SY OR DIRECTED BY THE ENGINEER.



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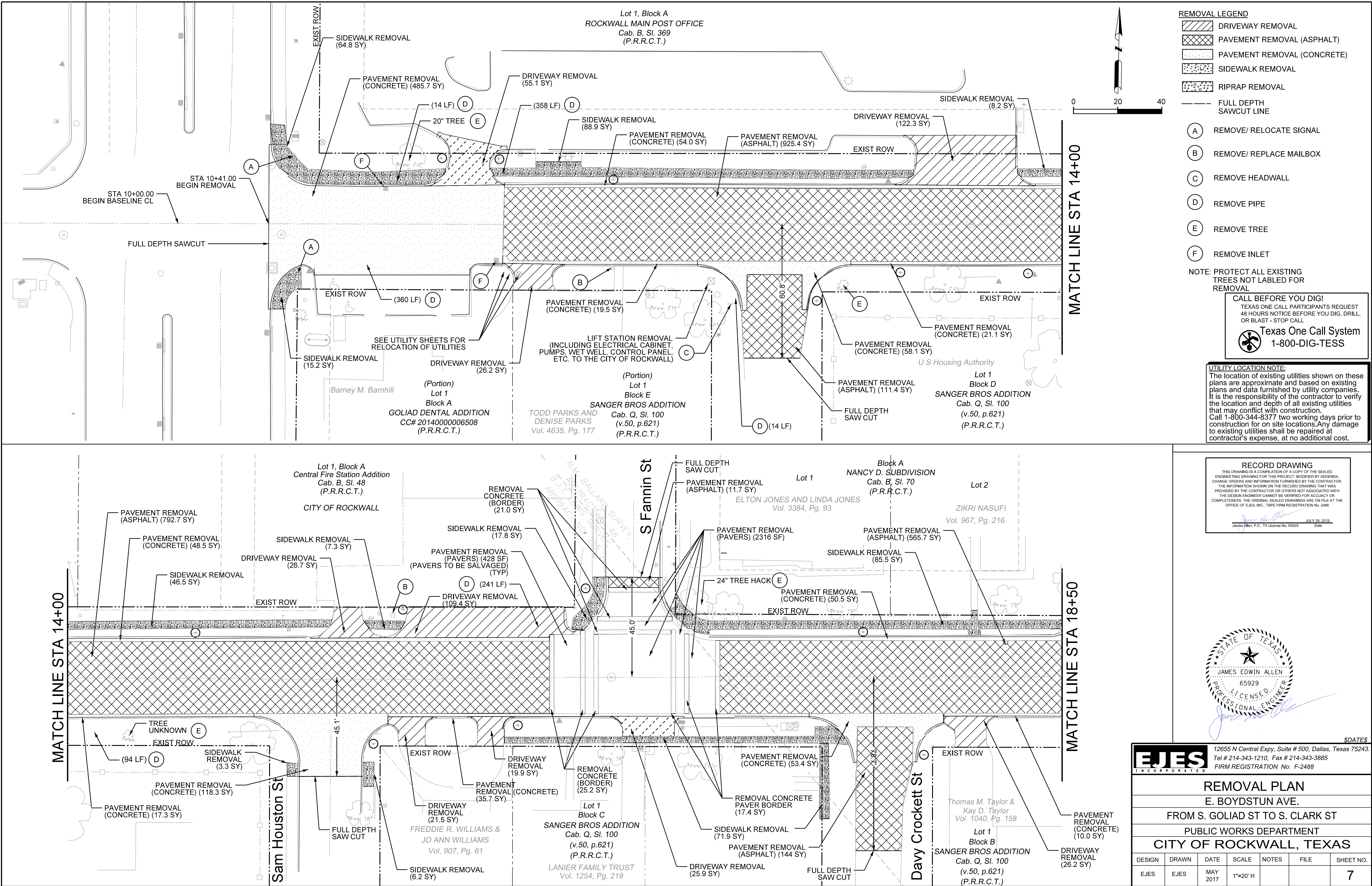
TYPICAL SECTIONS

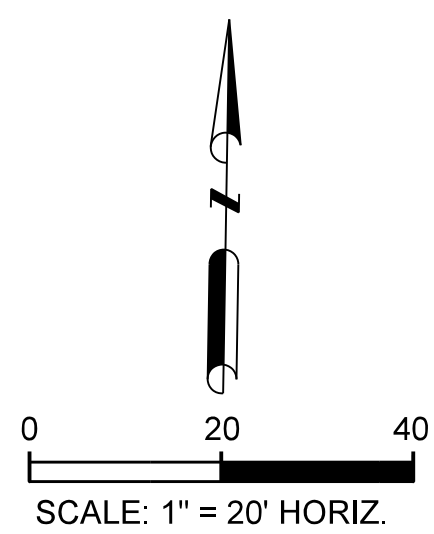
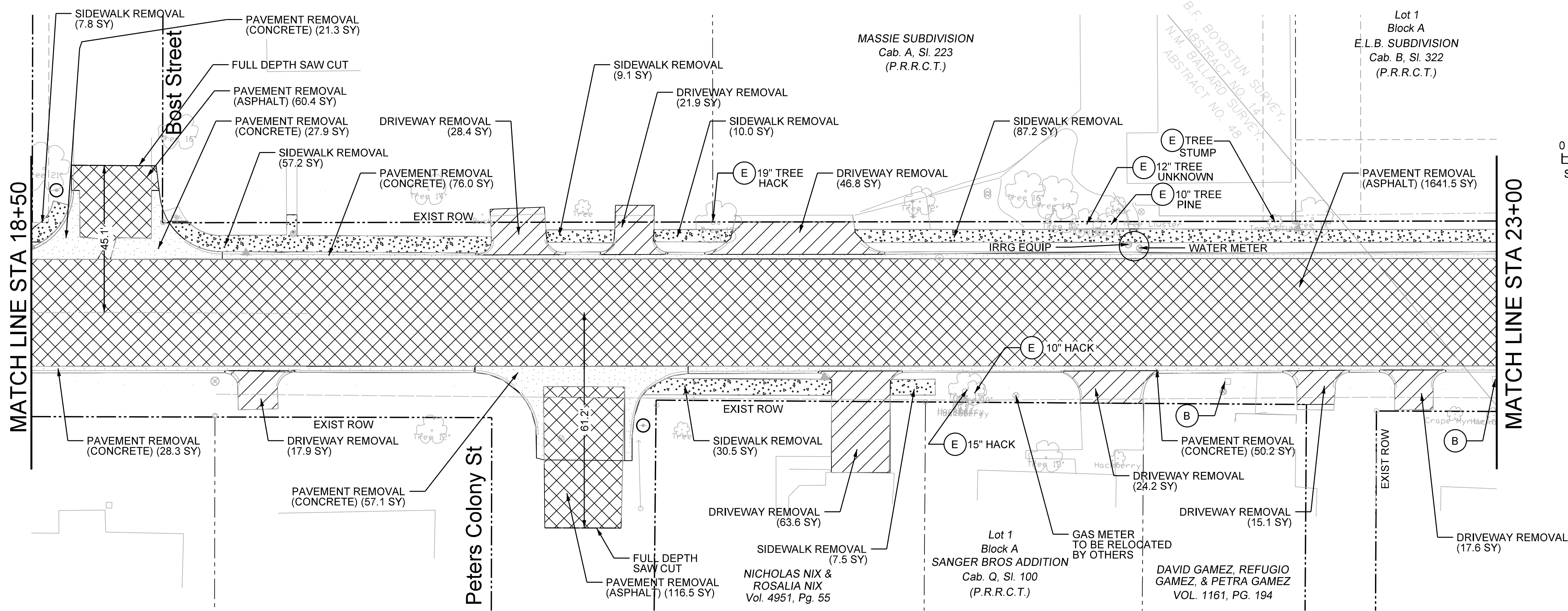
E. BOYDSTUN AVE.
FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017				6





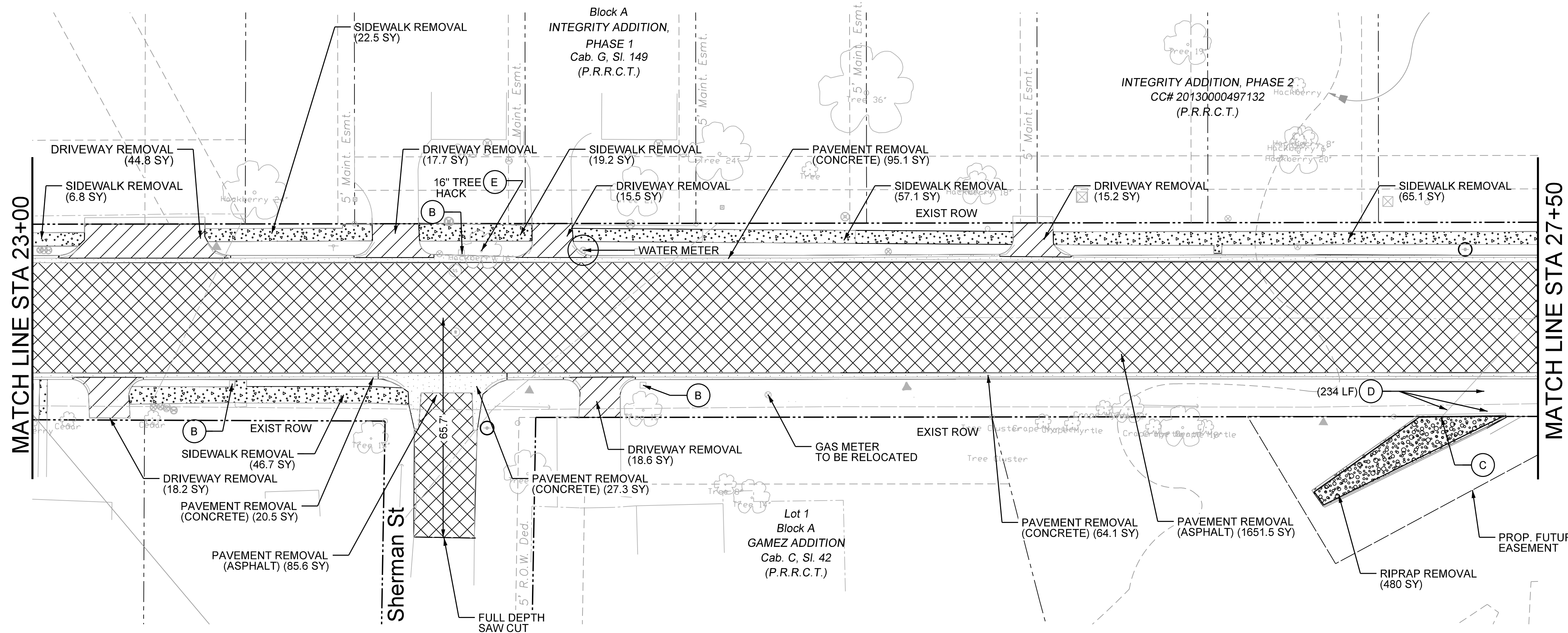
- REMOVAL LEGEND**
- DRIVEWAY REMOVAL
 - PAVEMENT REMOVAL (ASPHALT)
 - PAVEMENT REMOVAL (CONCRETE)
 - SIDEWALK REMOVAL
 - RIPRAP REMOVAL
 - FULL DEPTH SAWCUT LINE

- (A) REMOVE/ RELOCATE SIGNAL
- (B) REMOVE/ REPLACE MAILBOX
- (C) REMOVE HEADWALL
- (D) REMOVE PIPE
- (E) REMOVE TREE
- (F) REMOVE INLET

NOTE: PROTECT ALL EXISTING TREES NOT LABELED FOR REMOVAL

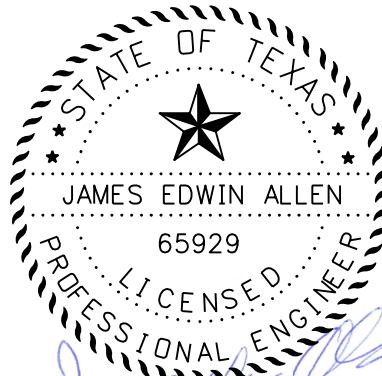
CALL BEFORE YOU DIG!
TEXAS ONE CALL PARTICIPANTS REQUEST
48 HOURS NOTICE BEFORE YOU DIG, DRILL,
OR BLAST - STOP CALL
 Texas One Call System
1-800-DIG-TESS

UTILITY LOCATION NOTE:
The location of existing utilities shown on these plans are approximate and based on existing plans and data furnished by utility companies. It is the responsibility of the contractor to verify the location and depth of all existing utilities that may conflict with construction. Call 1-800-344-8377 two working days prior to construction for on site locations. Any damage to existing utilities shall be repaired at contractor's expense, at no additional cost.



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James Allen, P.E. TX License No. 65929 Date: JULY 26, 2019



EJES 12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

REMOVAL PLAN						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H			8

EXISTING DRAINAGE EASEMENT
DRAINAGE EASEMENT
INSTRUMENT No. 20170000012000

LOT 7

FLOOD PLAIN ACCORDING THE FEMA
APPROXIMATE LIMITS OF 100 YEAR
FLOOD MAP 48397C0040L

PAVEMENT REMOVAL
(CONCRETE) (15.1 SY)

MATCH LINE STA 27+50

PAVEMENT REMOVAL
(CONCRETE) (13.6 SY)

KAUFMANN PROPERTIES, LLC
VOL. 6074, PG. 292

PROP. FUTURE
EASEMENT

20' BLDG. LINE

DRAINAGE EASEMENT
VOL. 3805 PG. 264

RIPRAP REMOVAL
(191.8 SY)

SIDEWALK REMOVAL
(30.7 SY)

PAVEMENT REMOVAL
(ASPHALT) (253.0 SY)

STA 28+18.46
END BASELINE CL

STA 28+18.00
END REMOVAL

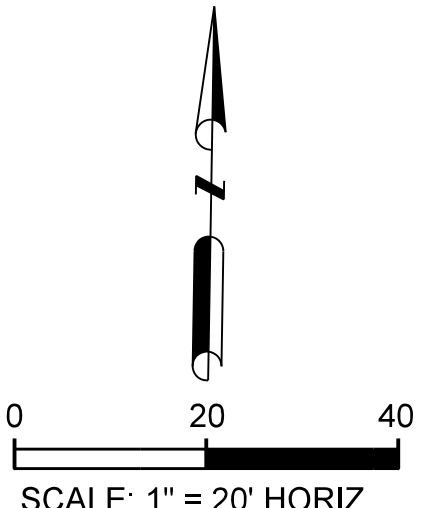
S Clark St

S Clark St

ALLEN HOGUE SUB-DIVISION
CAB. B, SL. 165
(P.R.R.C.T.)

EXISTING HEADER TO REMAIN

ROCKWALL INDEPENDENT SCHOOL DISTRICT PUBLIC FACILITY CORPORATION
VOL. 1542, PG. 183



- REMOVAL LEGEND**
- DRIVEWAY REMOVAL
 - PAVEMENT REMOVAL (ASPHALT)
 - PAVEMENT REMOVAL (CONCRETE)
 - SIDEWALK REMOVAL
 - RIPRAP REMOVAL
 - FULL DEPTH SAWCUT LINE
 - REMOVE/ RELOCATE SIGNAL
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 - REMOVE HEADWALL
 - REMOVE PIPE
 - REMOVE TREE
 - REMOVE INLET

NOTE: PROTECT ALL EXISTING
TREES NOT LABELED FOR
REMOVAL

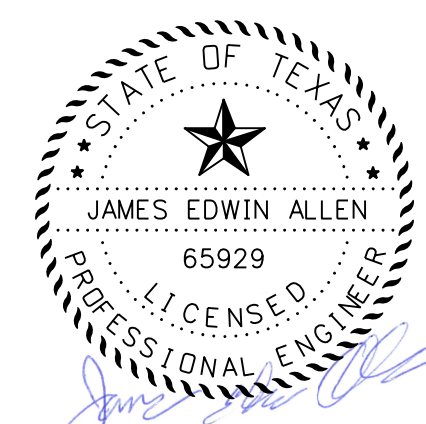
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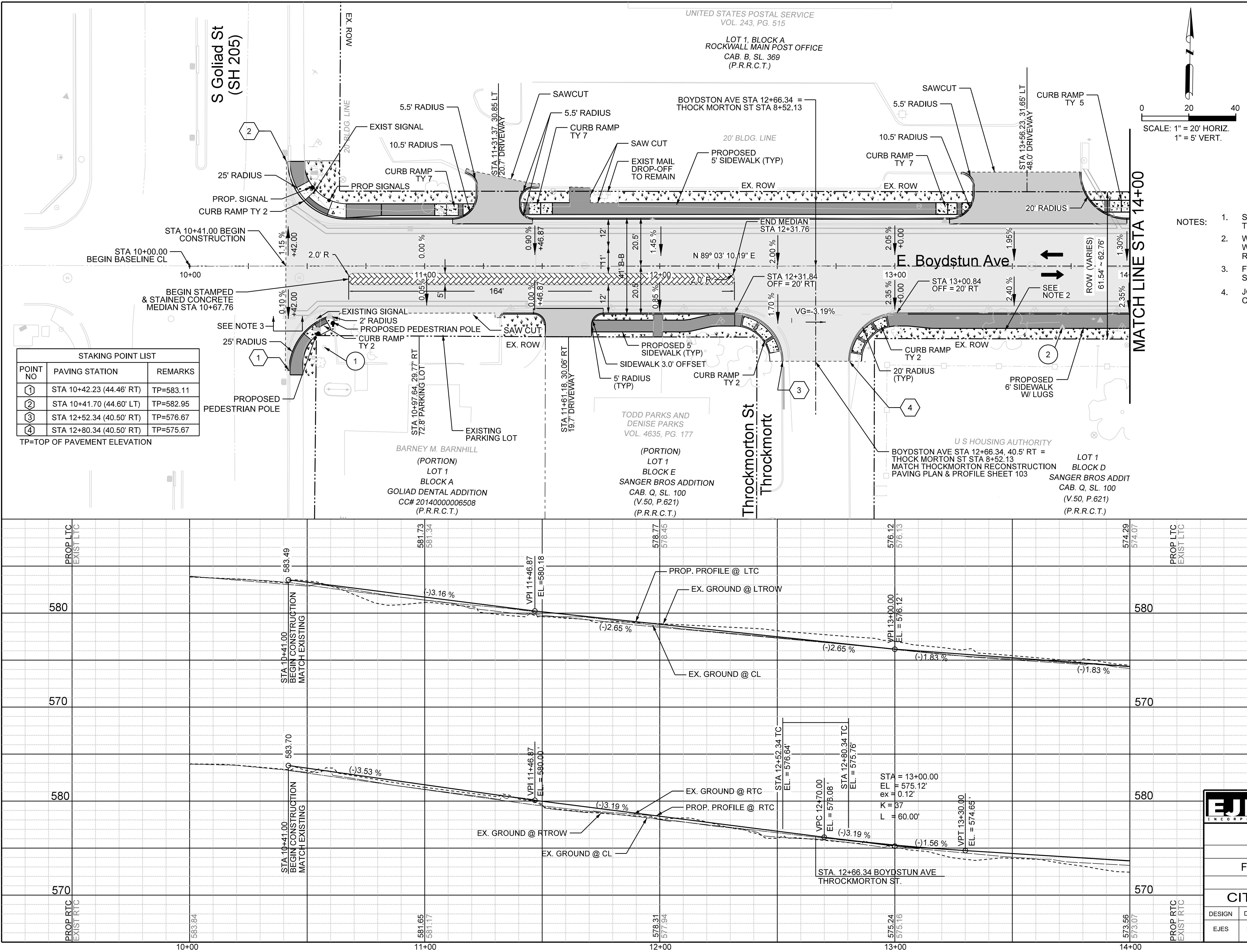
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CITY OF ROCKWALL, TEXAS						
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EJES	EJES	MAY 2017	1"=20' H			9



LEGEND

- STAMPED/STAINED CONC PAVEMENT
- STREET PAVEMENT (10")
- DRIVEWAY PAVEMENT (6")
- SIDEWALK PAVEMENT (4")
- ASPHALT PAVEMENT
- BLOCK SOD
- FULL DEPTH SAWCUT LINE
- BENCHMARK
- INTERSECTING STREETS POINTS
- HORIZ. LAYOUT OF SIDEWALK & RETAINING WALL POINTS

- NOTES:**
- SEE PED-12A STANDARD FOR SIDEWALK TREATMENT AT DRIVEWAYS.
 - WIDTH OF SIDEWALKS SHALL BE NARROWED WHEN CONFLICT WITH EXISTING TREES THAT REMAIN.
 - FOR CONNECTION TO EXISTING PAVEMENT SEE MISC. DETAILS SHEET.
 - JOG SIDEWALK AROUND PROPOSED COMMUNICATION CABINET LOCATIONS.

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- ① N 7026291.357 E 2594699.299 ELEV= 583.650 MON
② N 7026304.738 E 2594701.100 ELEV= 583.119 CIRST

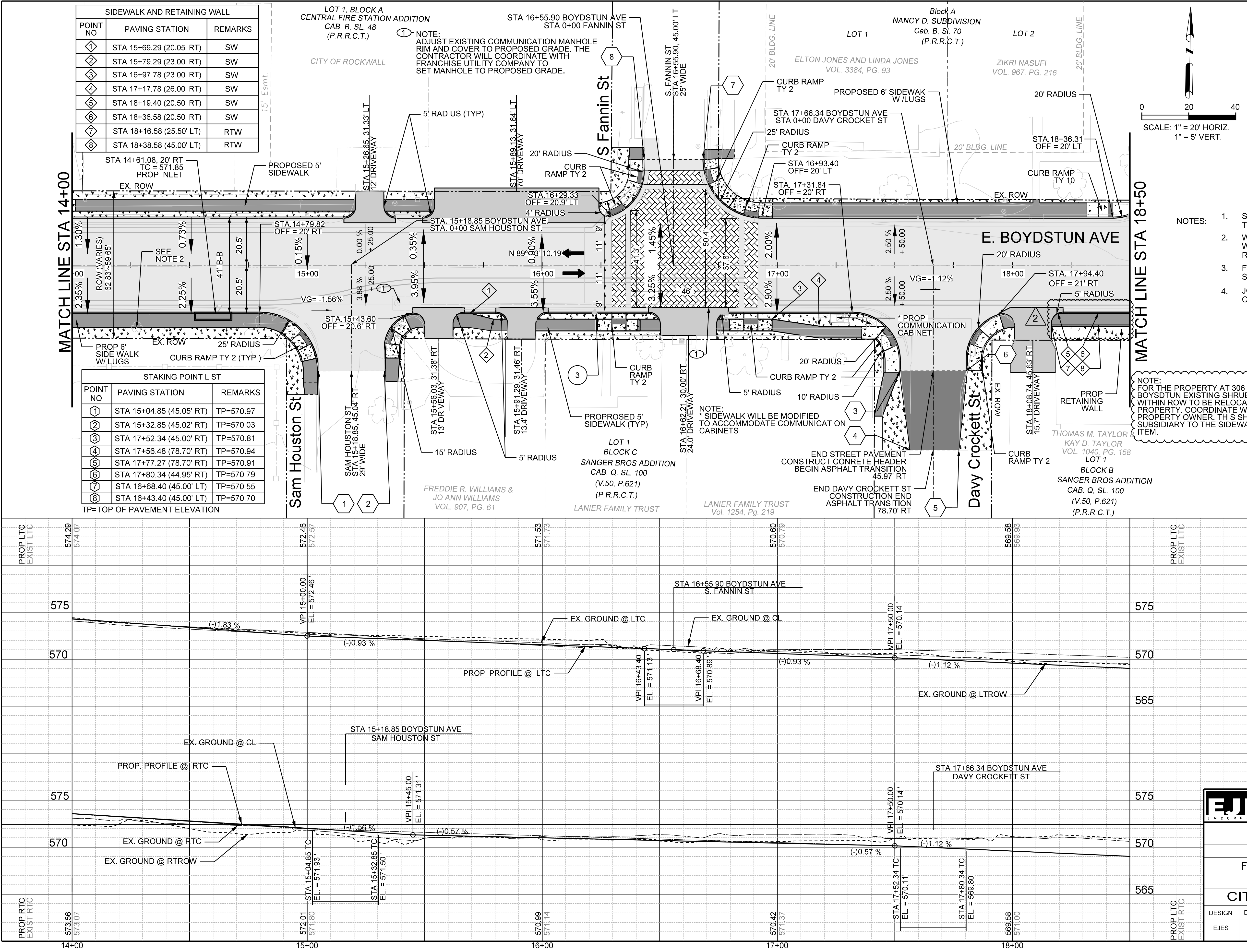
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JULY 26, 2019
Date

STATE OF TEXAS
JAMES EDWIN ALLEN
65929
LICENSED PROFESSIONAL ENGINEER
James Allen

EJES INCORPORATED
12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

PAVING PLAN & PROFILE
E. BOYDSTUN AVE.
FROM S. GOLIAD ST TO S. CLARK ST
PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H 1"= 5' V			10



LEGEND

- STAMPED/STAINED CONC PAVEMENT
- STREET PAVEMENT (10")
- DRIVEWAY PAVEMENT (6")
- SIDEWALK PAVEMENT (4")
- ASPHALT PAVEMENT
- BLOCK SOD
- FULL DEPTH SAWCUT LINE
- BENCHMARK
- INTERSECTING STREETS POINTS
- HORIZ. LAYOUT OF SIDEWALK & RETAINING WALL POINTS

0 20 40
SCALE: 1" = 20' HORIZ.
1" = 5' VERT.

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1-800-DIG-TESS

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- ② N 7026304.738 E 2594701.100 ELEV= 583.119 CIRST
③ N 7026315.130 E 2595264.068 ELEV= 571.525 CIRST

RECORD DRAWING
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James Allen, P.E., TX License No. 65929 Date: JULY 28, 2019

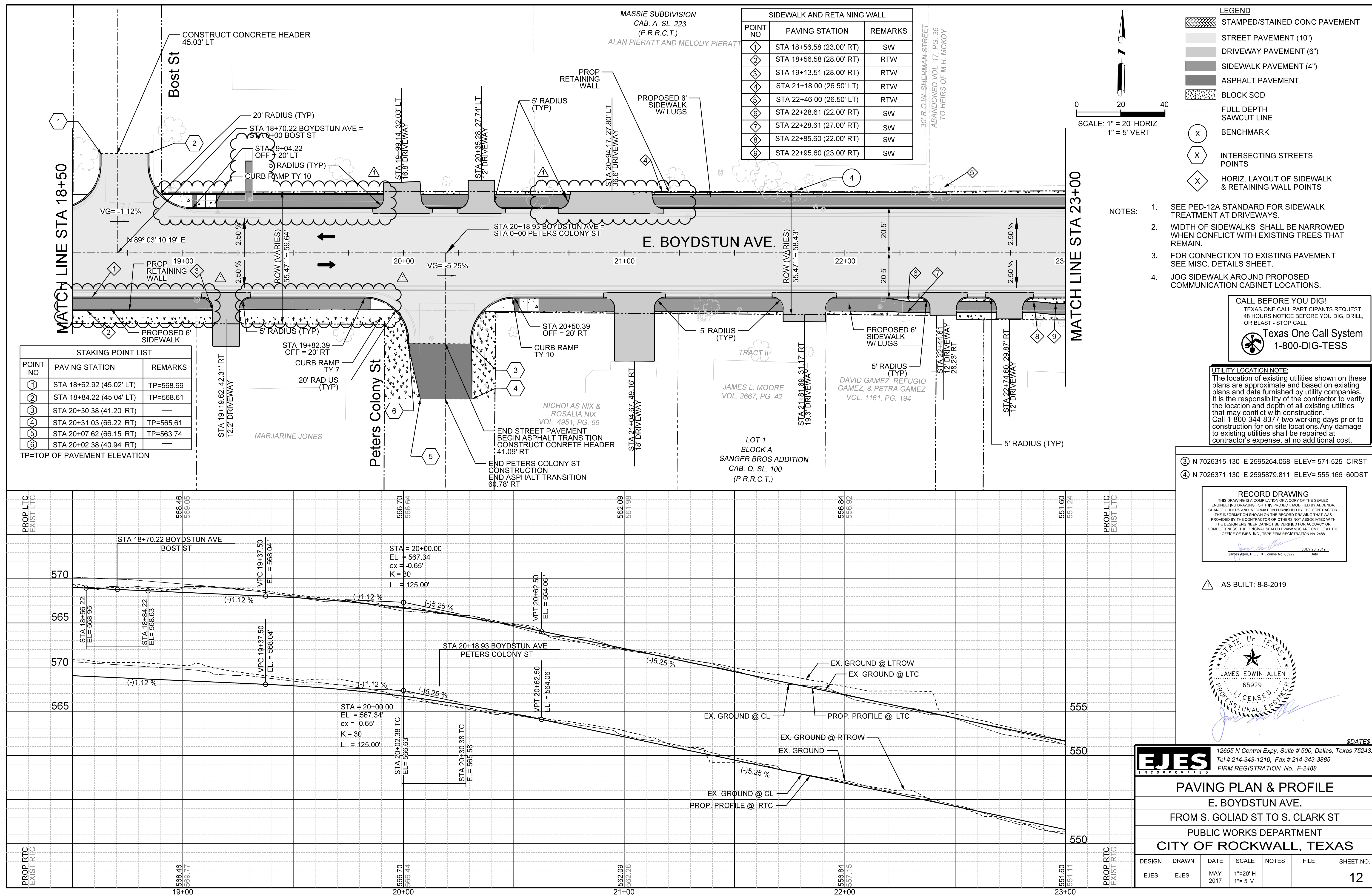
- ① ADDENDUM 1: 9-22-2017
② AS BUILT: 8-8-2019

STATE OF TEXAS
JAMES EDWIN ALLEN
65929
LICENSED PROFESSIONAL ENGINEER


EJES INCORPORATED
12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

PAVING PLAN & PROFILE
E. BOYDSTUN AVE.
FROM S. GOLIAD ST TO S. CLARK ST
PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H 1"= 5' V			11



CALL BEFORE YOU DIG!
TEXAS ONE CALL PARTICIPANTS REQUEST
48 HOURS NOTICE BEFORE YOU DIG, DRILL,
OR BLAST - STOP CALL

 **Texas One Call System**
1-800-DIG-TESS

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④ N 7026371.130 E 2595879.811 ELEV= 555.166 60DST

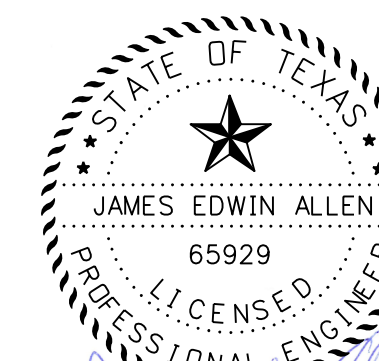
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JULY 26, 2019

James Allen, P.E., TX License No. 65929 Date

AS BUILT: 8-8-2019



\$DATES\$

EJES
INCORPORATED

PAVING PLAN & PROFILE

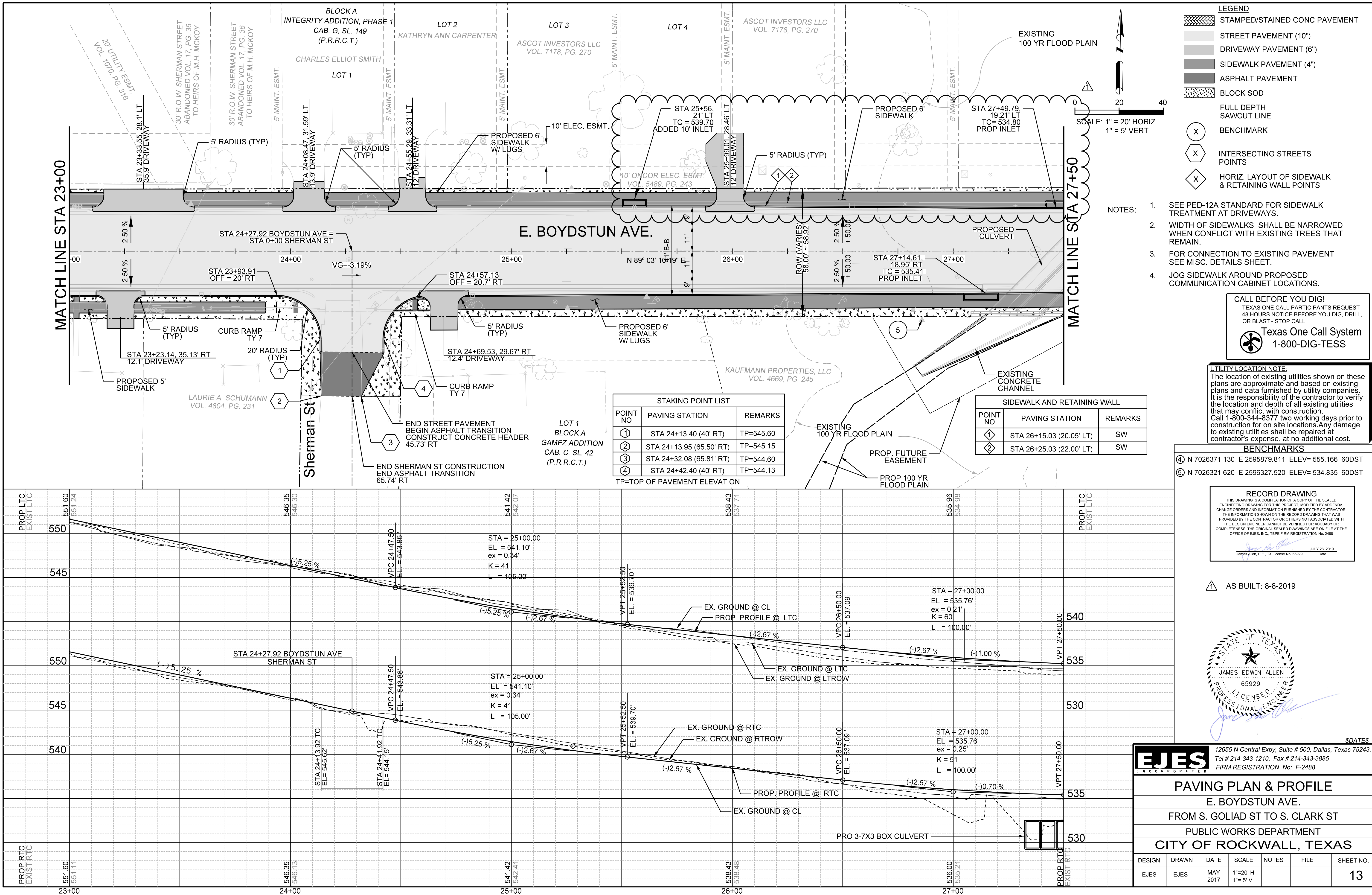
E. BOYDSTUN AVE.

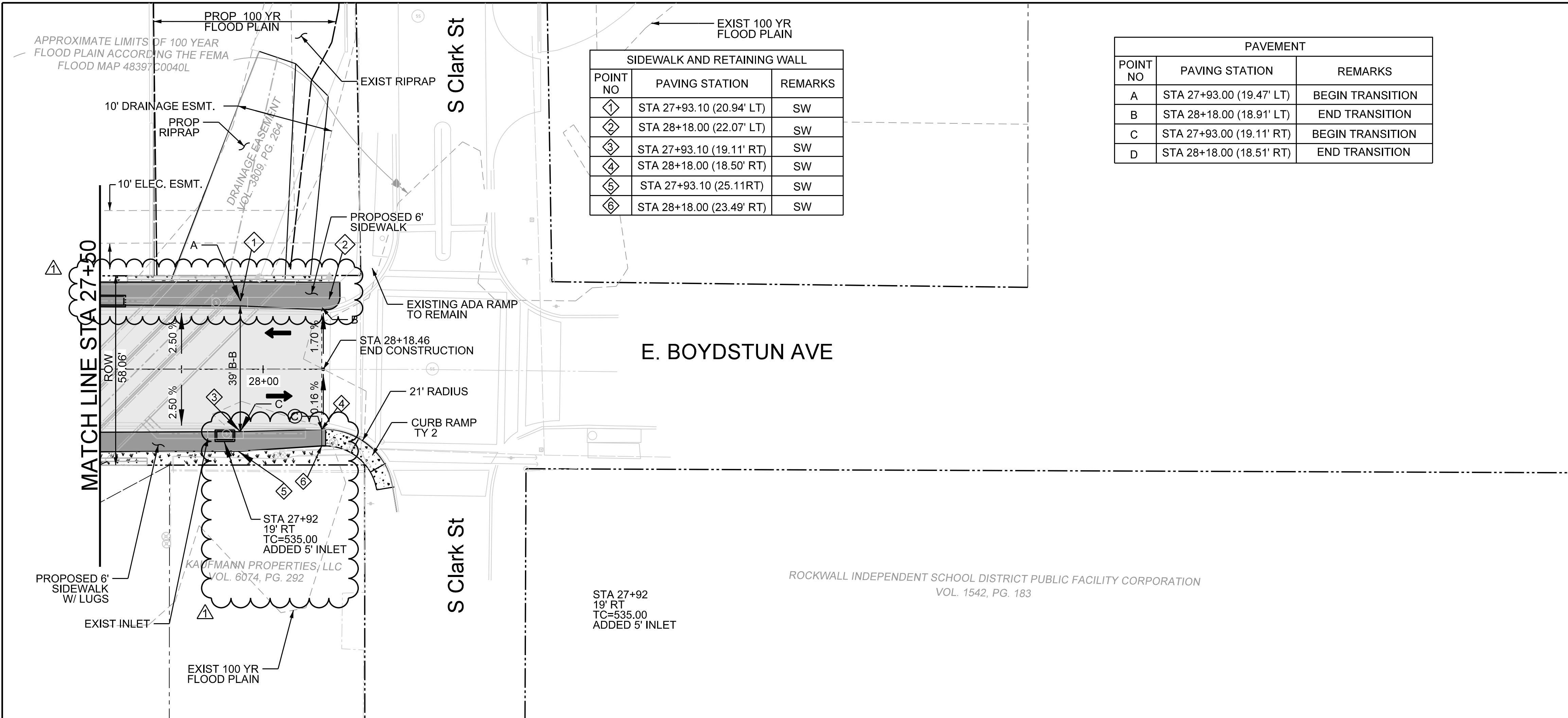
FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

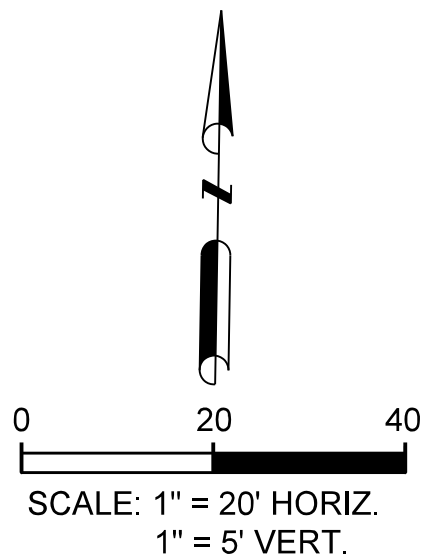
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H 1"= 5' V			12





SIDEWALK AND RETAINING WALL		
POINT NO	PAVING STATION	REMARKS
1	STA 27+93.10 (20.94' LT)	SW
2	STA 28+18.00 (22.07' LT)	SW
3	STA 27+93.10 (19.11' RT)	SW
4	STA 28+18.00 (18.50' RT)	SW
5	STA 27+93.10 (25.11' RT)	SW
6	STA 28+18.00 (23.49' RT)	SW

PAVEMENT		
POINT NO	PAVING STATION	REMARKS
A	STA 27+93.00 (19.47' LT)	BEGIN TRANSITION
B	STA 28+18.00 (18.91' LT)	END TRANSITION
C	STA 27+93.00 (19.11' RT)	BEGIN TRANSITION
D	STA 28+18.00 (18.51' RT)	END TRANSITION



- LEGEND**
- STAMPED/STAINED CONC PAVEMENT
 - STREET PAVEMENT (10")
 - DRIVEWAY PAVEMENT (6")
 - SIDEWALK PAVEMENT (4")
 - ASPHALT PAVEMENT
 - BLOCK SOD
 - FULL DEPTH SAWCUT LINE
 - BENCHMARK
 - INTERSECTING STREETS POINTS
 - HORIZ. LAYOUT OF SIDEWALK & RETAINING WALL POINTS

- NOTES:**
- SEE PED-12A STANDARD FOR SIDEWALK TREATMENT AT DRIVEWAYS.
 - WIDTH OF SIDEWALKS SHALL BE NARROWED WHEN CONFLICT WITH EXISTING TREES THAT REMAIN.
 - FOR CONNECTION TO EXISTING PAVEMENT SEE MISC. DETAILS SHEET.
 - JOG SIDEWALK AROUND PROPOSED COMMUNICATION CABINET LOCATIONS.

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Texas One Call System
1-800-DIG-TESS

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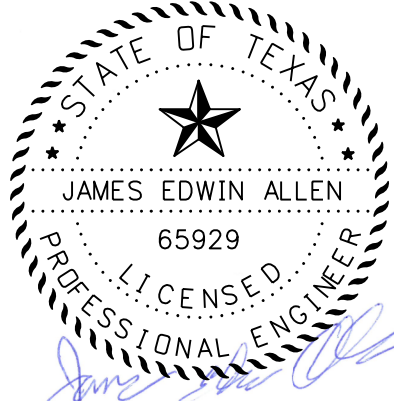
5. N 7026321.620 E 2596327.520 ELEV= 534.835 60DST

RECORD DRAWING

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JAMES EDWIN ALLEN
65929
LICENSED PROFESSIONAL ENGINEER
JULY 28, 2019
Date

AS BUILT: 8-8-2019



12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

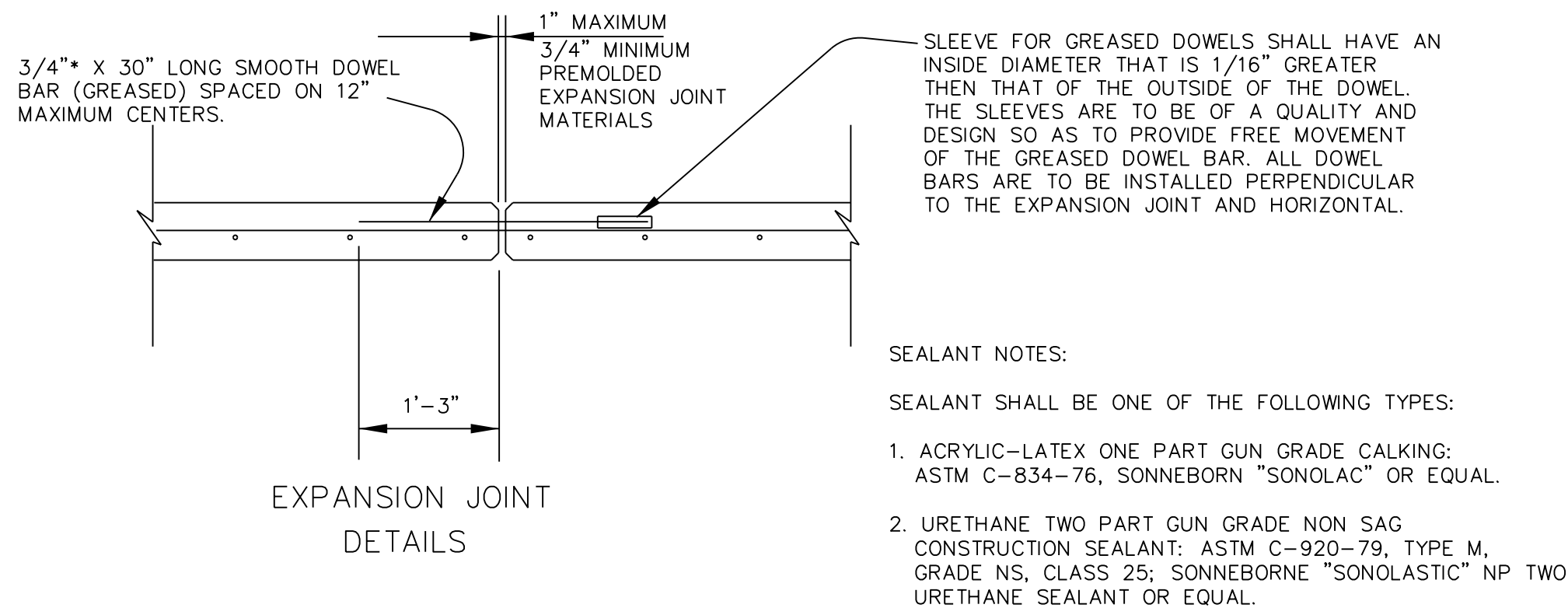
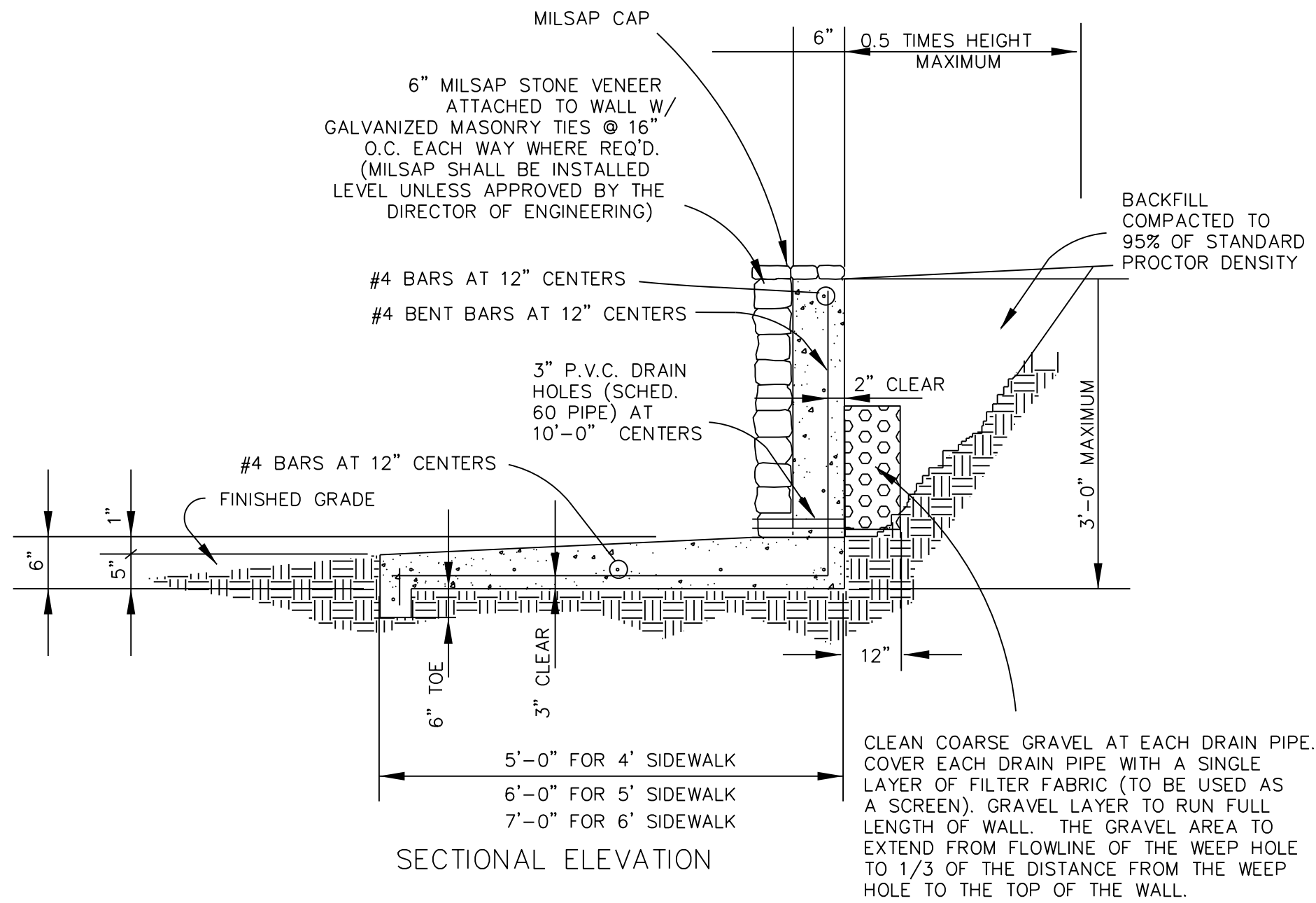
PAVING PLAN & PROFILE
E. BOYDSTUN AVE.
FROM S. GOLIAD ST TO S. CLARK ST
PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H 1"= 5' V			14

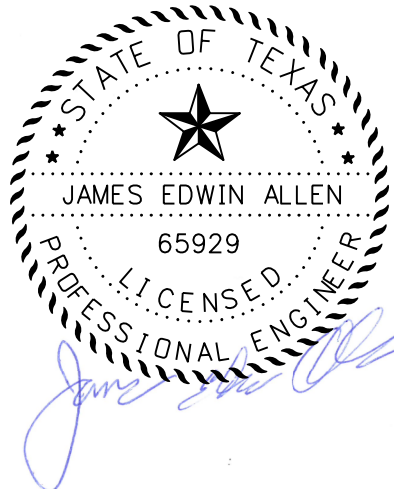
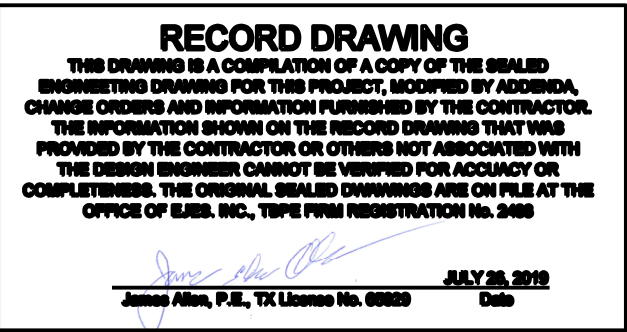
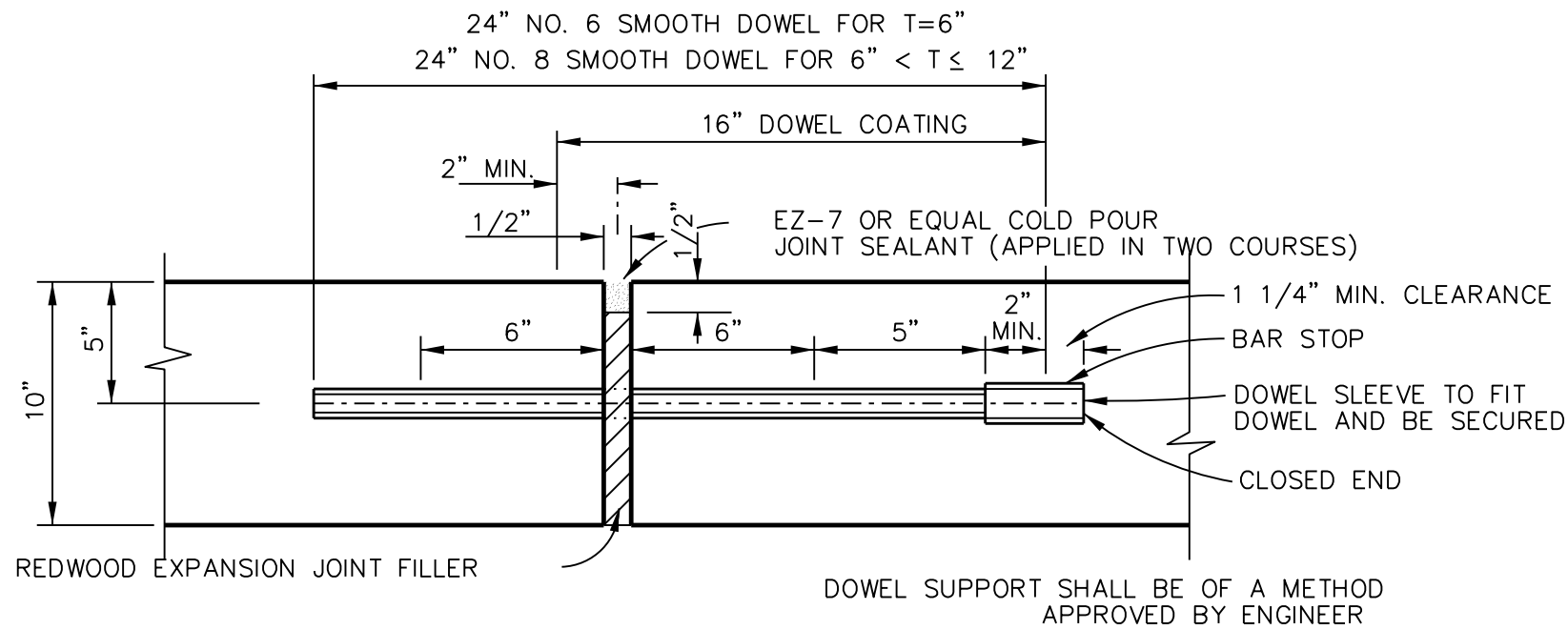


RETAINING WALL LOCATIONS

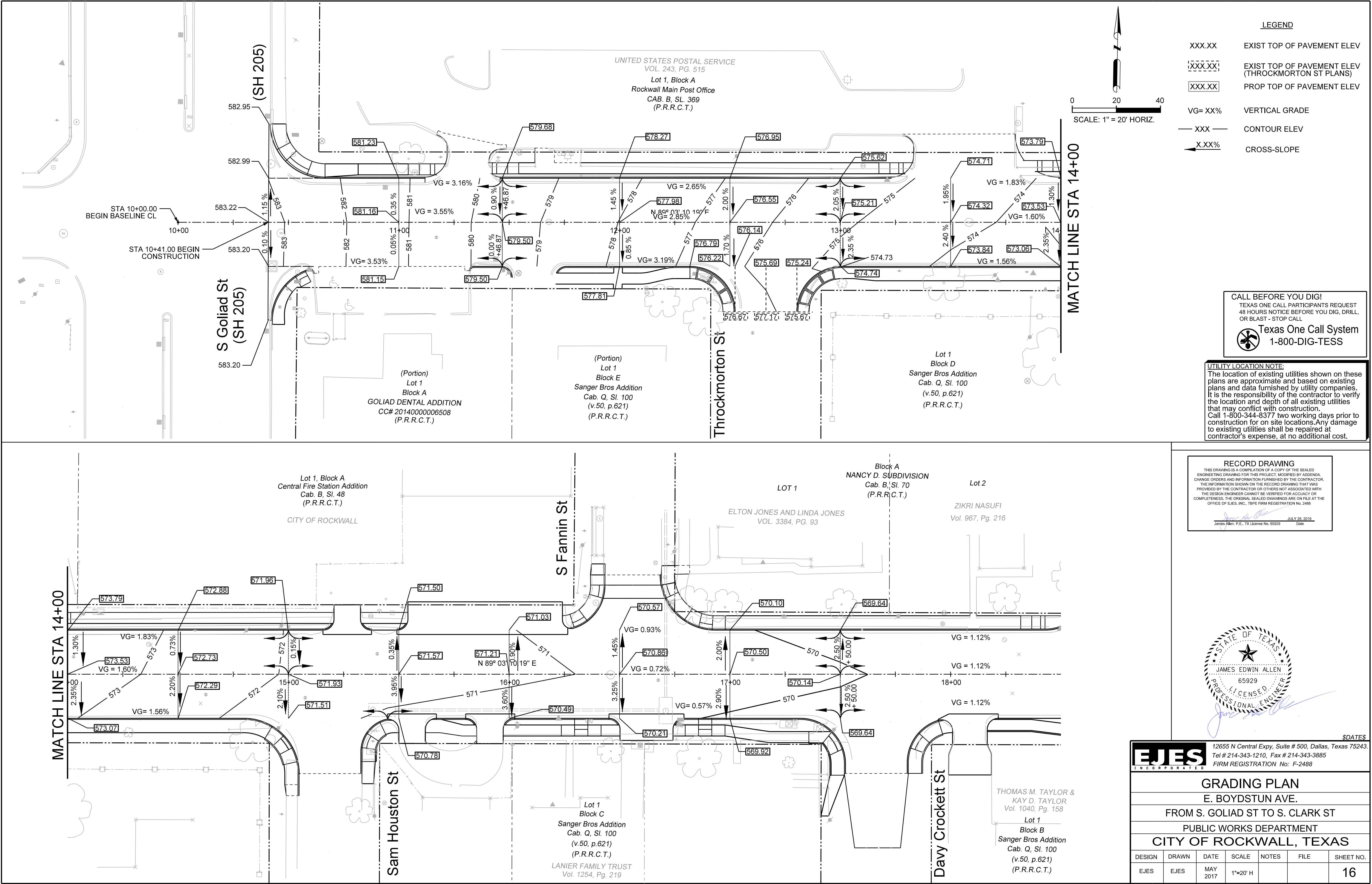
STATION RANGE	WALL HEIGHT
18+16.58 – 19+13.51	2.0'
21+08.00 – 22+46.00	1.5'

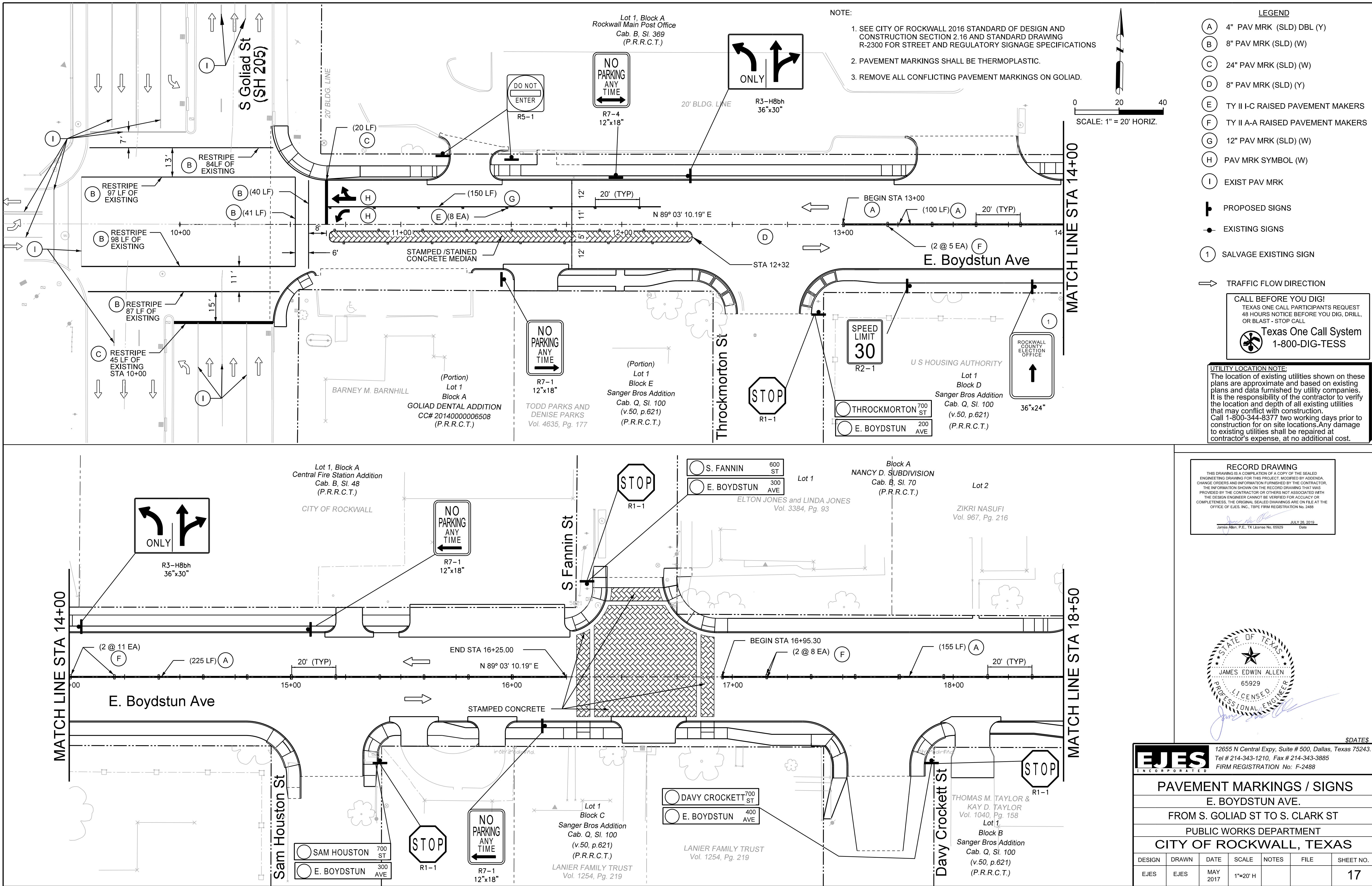


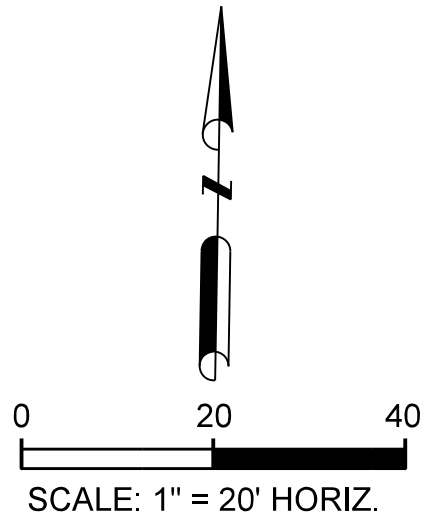
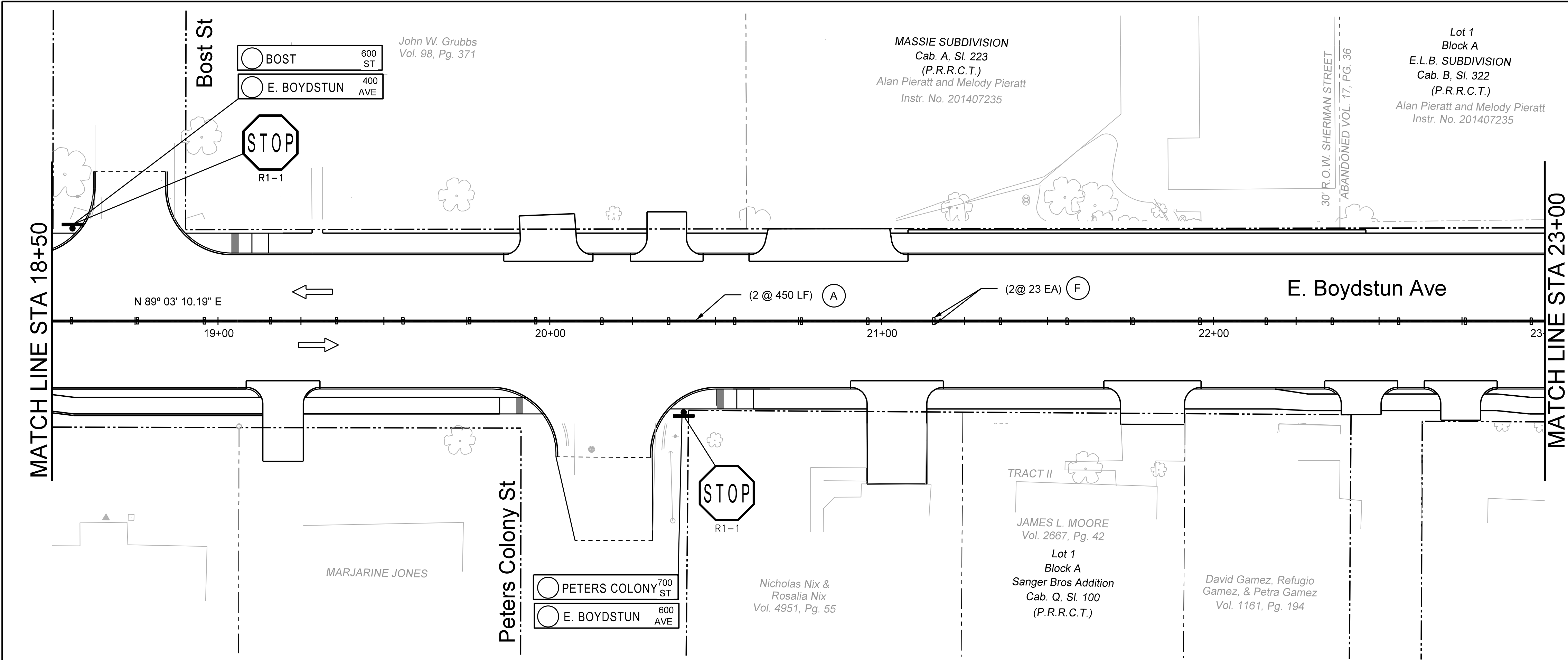
STANDARD RETAINING WALL DETAILS
TYPE "B" RETAINING WALL



EJES INCORPORATED						
12655 N Central Expy, Suite # 500, Dallas, Texas 75243. Tel # 214-343-1210, Fax # 214-343-3885 FIRM REGISTRATION No: F-2488						
MISCELLANEOUS DETAILS						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017				15

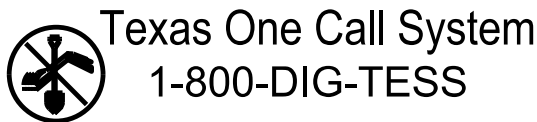






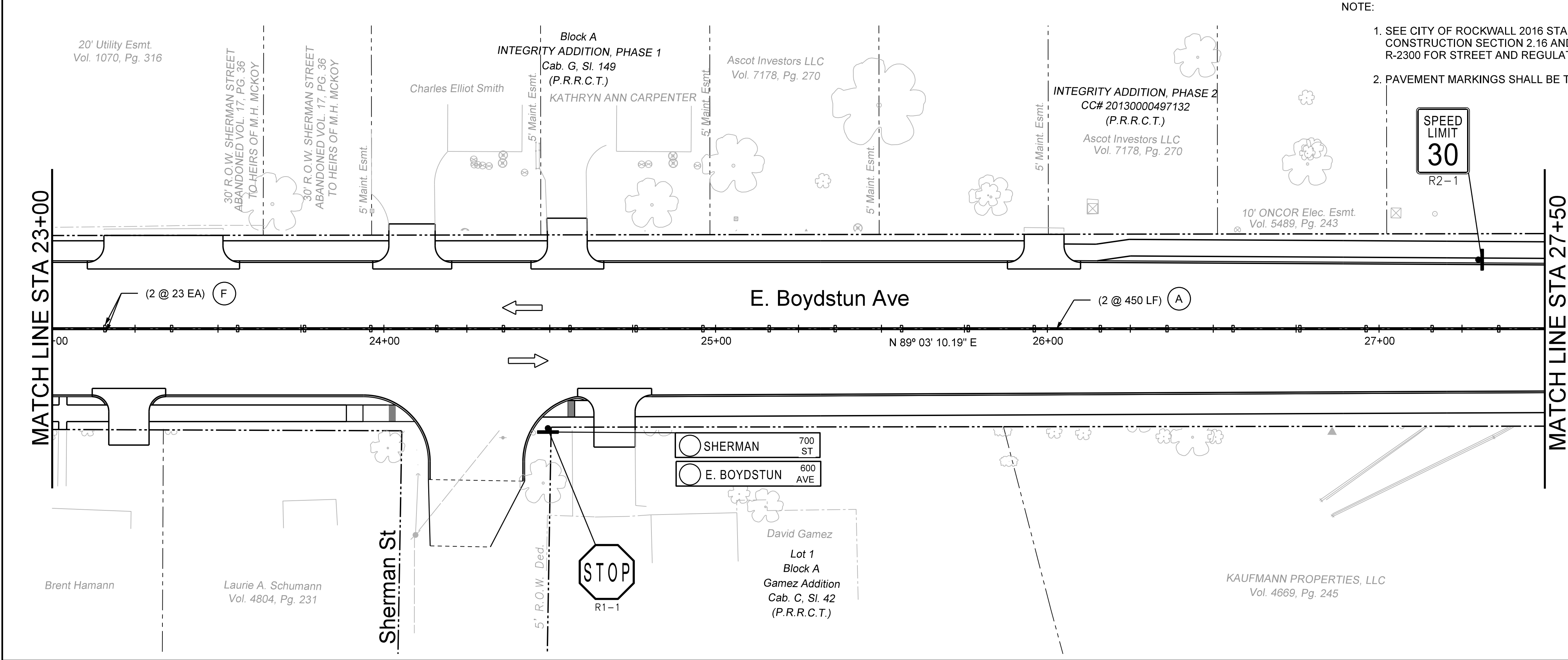
- LEGEND**
- (A) 4" PAV MRK (SLD) DBL (Y)
 - (B) 8" PAV MRK (SLD) (W)
 - (C) 24" PAV MRK (SLD) (W)
 - (D) 8" PAV MRK (SLD) (Y)
 - (E) TY II I-C RAISED PAVEMENT MAKERS
 - (F) TY II A-A RAISED PAVEMENT MAKERS
 - (G) 12" PAV MRK (SLD) (W)
 - (H) PAV MRK SYMBOL (W)
 - (I) EXIST PAV MRK
 - PROPOSED SIGNS
 - EXISTING SIGNS
 - (1) SALVAGE EXISTING SIGN
 - TRAFFIC FLOW DIRECTION

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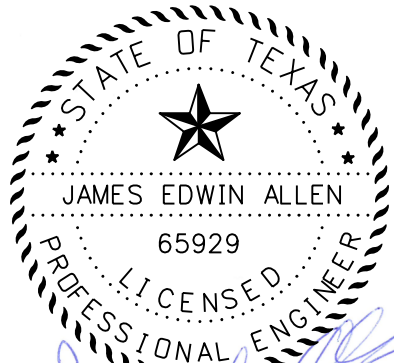


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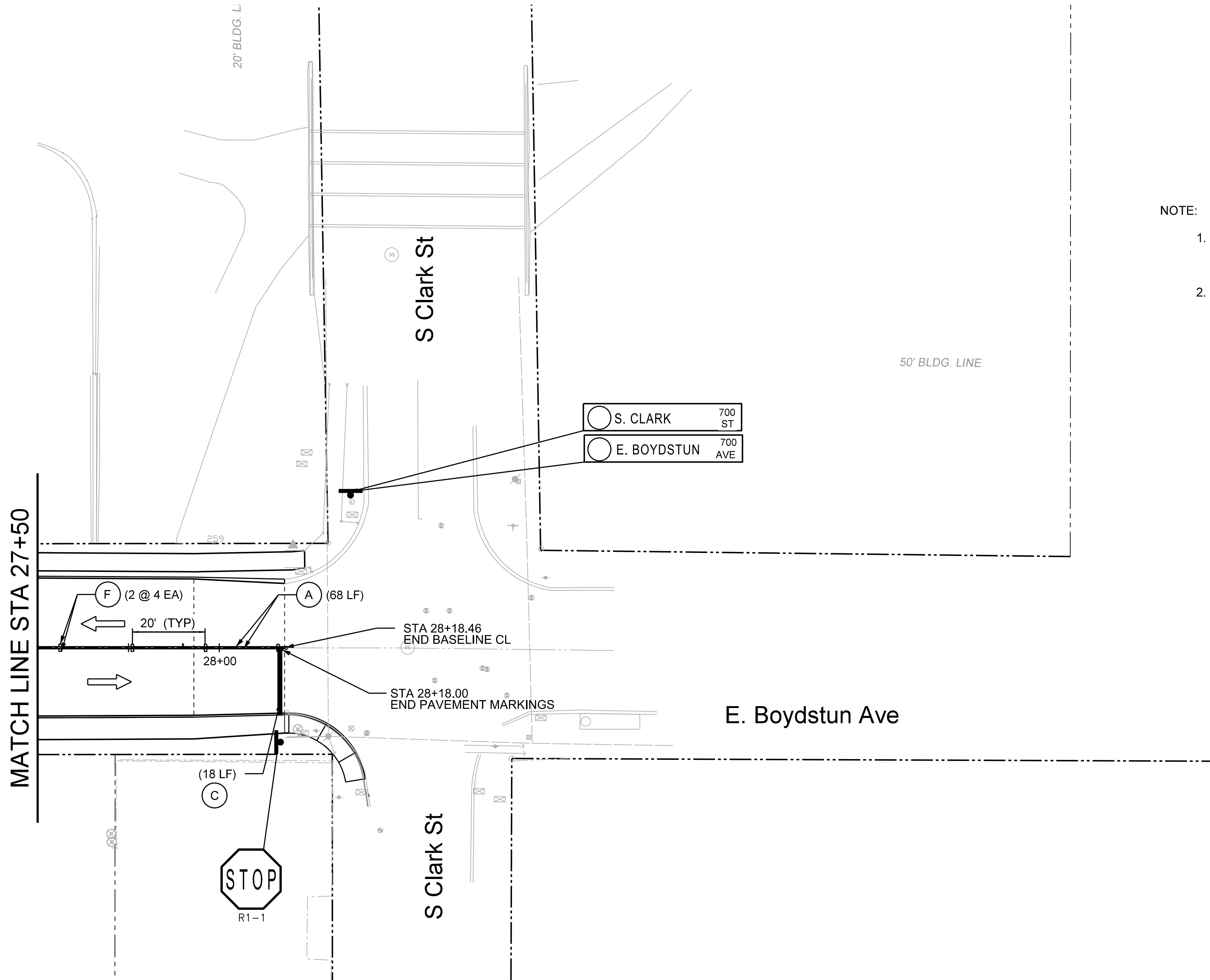
- NOTE:**
- SEE CITY OF ROCKWALL 2016 STANDARD OF DESIGN AND CONSTRUCTION SECTION 2.16 AND STANDARD DRAWING R-2300 FOR STREET AND REGULATORY SIGNAGE SPECIFICATIONS
 - PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.



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James Allen, P.E., TX License No. 65929
JULY 26, 2019
Date

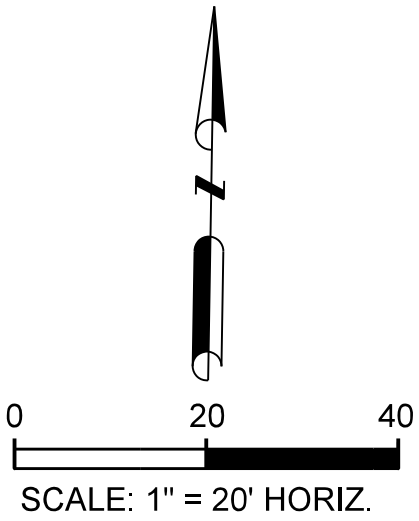


EJES INCORPORATED 12655 N Central Expy, Suite # 500, Dallas, Texas 75243. Tel # 214-343-1210, Fax # 214-343-3885 FIRM REGISTRATION No: F-2488						
PAVEMENT MARKINGS / SIGNS						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H			18



NOTE:

1. SEE CITY OF ROCKWALL 2016 STANDARD OF DESIGN AND CONSTRUCTION SECTION 2.16 AND STANDARD DRAWING R-2300 FOR STREET AND REGULATORY SIGNAGE SPECIFICATIONS
2. PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.



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 - (C) 24" PAV MRK (SLD) (W)
 - (D) 8" PAV MRK (SLD) (Y)
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 - (G) 12" PAV MRK (SLD) (W)
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- PROPOSED SIGNS
- EXISTING SIGNS
- (1) SALVAGE EXISTING SIGN

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James Allen, P.E., TX License No. 65929 Date: JULY 26, 2019

EJES INCORPORATED 12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

PAVEMENT MARKINGS / SIGNS
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FROM S. GOLIAD ST TO S. CLARK ST
PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

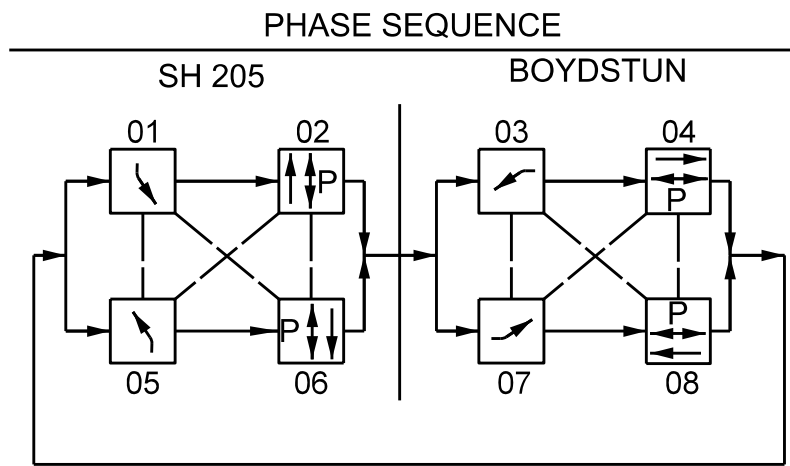
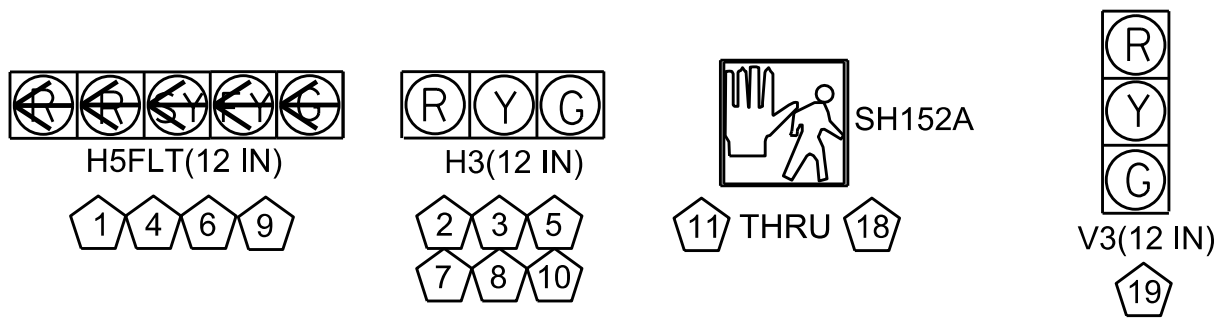
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H			19

LEGEND

EXISTING E-#	PROPOSED P-#	POLE NUMBER
		MAST ARM
		TY C GROUND BOX
		SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN POLE WITH PUSHBUTTON
		SIGNAL LUMINAIRE
		MAST ARM MOUNTED SIGN
		VIDEO DETECTION ZONE
		VIVDS CAMERA & ID
		OPTICOM SENSOR
		ELECTRICAL SERVICE
		CABINET
		RADIO ANTENNA
		CONDUIT
		CONDUIT RUN NUMBER
		SIGNAL HEAD NUMBER
		SIGN LABEL
		MAST ARM ID

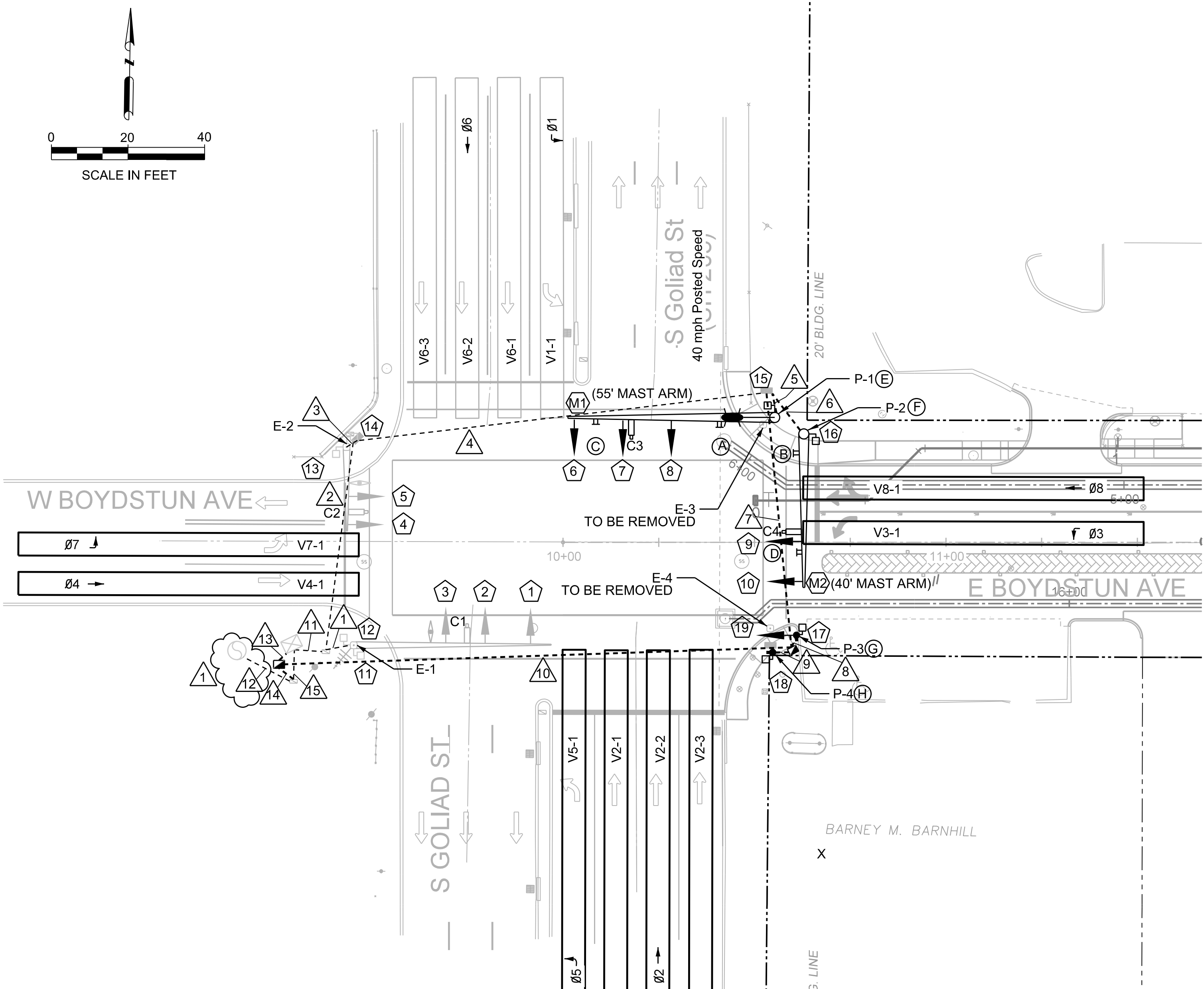
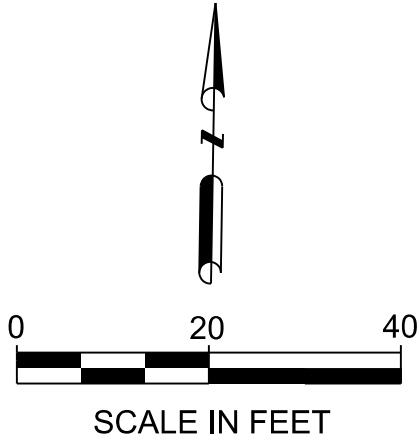
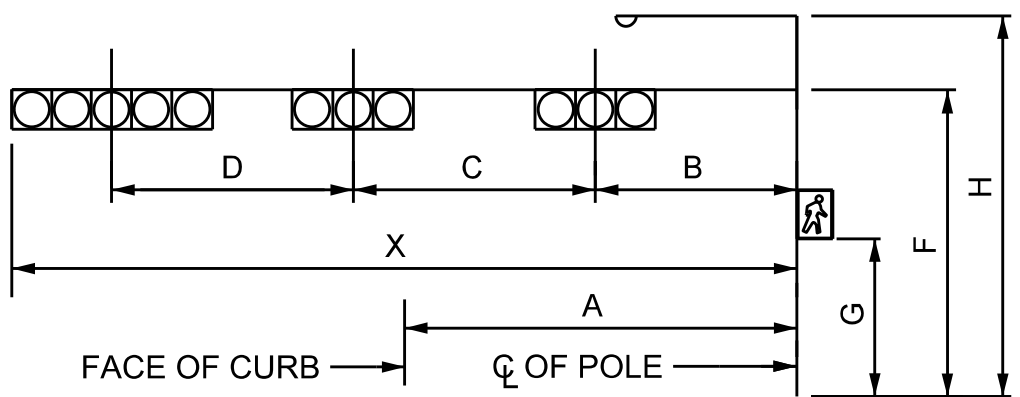
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OFFICE OF EJES, INC., TBP# FIRM REGISTRATION NO. 2488
James Allen, P.E., TX License No. 89929
JULY 28, 2019
Date

SIGNAL HEADS					
SIGNAL HEAD NO.	SIGNAL HEAD TYPE	STATUS	SIGNAL INDICATION BACKPLATES		SIGNAL SECTIONS (EA)
			3 SEC (EA)	5 SEC (EA)	
1	H5FLT	EXISTING		1	5
2	H3	EXISTING	1		3
3	H3	EXISTING	1		3
4	H5FLT	EXISTING		1	5
5	H3	EXISTING	1		3
6	H5FLT	PROPOSED		1	5
7	H3	PROPOSED	1		3
8	H3	PROPOSED	1		3
9	H5FLT	PROPOSED		1	5
10	H3	PROPOSED	1		3
11	152A	EXISTING			1
12	152A	EXISTING			1
13	152A	EXISTING			1
14	152A	EXISTING			1
15	152A	PROPOSED			1
16	152A	PROPOSED			1
17	152A	PROPOSED			1
18	152A	PROPOSED			1
19	V3	PROPOSED	1		3



PHASES 01, 03, 05, AND 07 ARE PROTECTED/PERMISSIVE LEFT TURN PHASES

OLA = PHASE 01 (RA, YA, FYA)
OLA = PHASE 03 (RA, YA, FYA)
OLA = PHASE 05 (RA, YA, FYA)
OLA = PHASE 07 (RA, YA, FYA)



- NOTES:
- CONTRACTOR SHALL PERFORM ALL WORK ACCORDING TO TxDOT SPECIFICATIONS AND SHALL COORDINATE WORK WITH TxDOT AND CITY OF ROCKWALL.
 - THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OVERHEAD UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. CONTRACTOR IS RESPONSIBLE FOR DETERMINING TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.
 - CONTRACTOR SHALL RELOCATE VIVDS CAMERA ASSEMBLIES FROM EXISTING SIGNALS (POLE E-3 AND E-4) TO PROPOSED SIGNALS (P-1 AND P-2). RELOCATION OF VIVDS DETECTION SYSTEM SHALL BE CONSIDERED SUBSIDIARY TO ITEM 6002.
 - CONTRACTOR SHALL UPDATE THE DETECTION ZONES FOR THE NORTHBOUND S. GOLIAD STREET (SH 205) AND WESTBOUND E. BOYDSTUN STREET APPROACHES.
 - PROVIDE CONTINUED OPERATION OF EXISTING SIGNALS INCLUDING OPTICOM EQUIPMENT DURING CONSTRUCTION AND UNTIL THE PROPOSED MODIFICATION IS COMPLETE, APPROVED, AND READY TO BE TURNED ON. CONTRACTOR SHALL NOTIFY CONSTRUCTION INSPECTOR IMMEDIATELY IF SIGNAL OR OPTICOM EQUIPMENT GOES DOWN.
 - ONCE PROPOSED CONDUIT IS INSTALLED, DISCONNECT EXISTING SIGNAL CABLE FROM CONTROLLER AND EXISTING SIGNAL EQUIPMENT (POLE E-3 AND E-4) THAT IS TO BE REMOVED. MAINTAIN THE INTEGRITY OF THE EXISTING VIVDS, SIGNAL AND LUMINAIRE CABLE. ALL SALVAGED ITEMS SHALL BE RETURNED TO TxDOT.
 - INSTALL SEPARATE SIGNAL CABLES TO EVERY DEVICE ON EACH POLE FROM THE TERMINAL BLOCKS IN EACH POLE. ALL EQUIPMENT AND DEVICES SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH TxDOT SPECIFICATIONS.
 - REMOVE SIGNALS (POLE E-3 AND E-4) ONCE INSTALLATION IS COMPLETE AND SIGNAL IS FULLY OPERATIONAL. POLE BASES SHALL BE REMOVED 2'-0" BELOW GRADE. ALL SALVAGED ITEMS SHALL BE RETURNED TO TxDOT.

SIGNAL HEAD AND POLE PLACEMENT (FEET)												
POLE	MAST ARMS STATUS	A (FT)	B (FT)	C (FT)	D (FT)	X (FT)	F (FT)	G (FT)	H (FT)	No. OF HEADS (EA)	LUM ARM	COMMENT
E-1	EXISTING	-	-	-	-	-	-	-	-	3	Y	
E-2	EXISTING	-	-	-	-	-	-	-	-	2	Y	
E-3	EXISTING	-	-	-	-	-	-	-	-	3	Y	TO BE REMOVED
E-4	EXISTING	-	-	-	-	-	-	-	-	2	Y	TO BE REMOVED
P-1	NEW M1	8.5	24	12	16	55	19.5	10	30	4	Y	NB S GOLIAD (SH 205)
P-2	NEW M2	8	28	11	-	40	19.5	10	-	3	N	EB BOYDSTUN
P-3	-	PEDESTAL POLE ASSEMBLY					15	10	-	2	N	V3: EB BOYDSTUN
P-4	-	PEDESTAL POLE ASSEMBLY					15	10	-	1	N	



1	09-20-17	ADDENDUM NO 1				
REV	DATE	DESCRIPTION				\$DATES
EJES INCORPORATED						
12655 N Central Expy, Suite # 500, Dallas, Texas 75243. Tel # 214-343-1210, Fax # 214-343-3885 FIRM REGISTRATION No: F-2488						
PROPOSED SIGNAL MODIFICATION						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1" = 40'			20

CABLE TERMINATION CHART							
CONDR. NO.	CONDUCTOR COLOR	CABLE 1 20 CONDR. (EXISTING)	CABLE 2 20 CONDR. (EXISTING)	CABLE 3 20 CONDR. (NEW)	CABLE 4 20 CONDR. (NEW)	CABLE 5 10 CONDR. (NEW)	CABLE 6 10 CONDR. (NEW)
		FROM E-1 TO CNTRL	FROM E-2 TO CNTRL	FROM P-1 TO CNTRL (NB)	FROM P-2 TO CNTRL (WB)	FROM P-3 TO CNTRL	FROM P-4 TO CNTRL
1	BLACK	PED COM	PED COM	PED COM	PED COM	SPARE	SPARE
2	WHITE	SIG COM	SIG COM	SIG COM	SIG COM	SIG COM	SIG COM
3	RED	SIG 1,2,3 RED	SIG 4,5 RED	SIG 7,8 RED, PH 2	SIG 10 RED, PH 4	SIG 19 RED, PH 4	SPARE
4	GREEN	SIG 1,2,3 GRN	SIG 4,5 GRN	SIG 7,8 GRN, PH 2	SIG 10 GRN, PH 4	SIG 19 GRN, PH 4	SPARE
5	ORANGE	SIG 1,2,3 YLW	SIG 4,5 YLW	SIG 7,8 YLW, PH 2	SIG 10 YLW, PH 4	SIG 19 YLW, PH 4	SPARE
6	BLUE	PED CALL PH 4	PED CALL PH 6	PED CALL PH 8	PED CALL PH 2	SPARE	SPARE
7	WHITE / BLACK	SIG 1 GRN	SIG 4 GRN	SPARE	SPARE	PED COM	PED COM
8	RED / BLACK	SIG 1 YLW	SIG 4 YLW	SIG 6 RED , OLC	SIG 9 RED , OLD	SH 17 DW	SH 18 DW
9	GREEN / BLACK	SPARE	SPARE	SIG 6 GRN , PH 5	SIG 9 GRN , PH 7	SH 17 W	SH 18 W
10	ORANGE / BLACK	SH 11 DW	SH 13 DW	SIG 6 YLW , OLC	SIG 9 YLW , OLD	PED CALL PH 2	PED CALL PH 4
11	BLUE / BLACK	SH 11 W	SH 13 W	SIG 6 Y , OLC	SIG 9 Y , OLD		
12	BLACK / WHITE	SPARE	SPARE	SPARE	SPARE		
13	RED / WHITE	PED CALL PH 6	PED CALL PH 8	SPARE	SPARE		
14	GREEN / WHITE	SPARE	SPARE	SPARE	SPARE		
15	BLUE / WHITE	SH 12 DW	SH 14 DW	SH 15 W PH 8	SH 16 W PH 2		
16	BLACK / RED	SH 12 W	SH 14 W	SH 15 DW PH 8	SH 16 DW PH 2		
17	WHITE / RED	SPARE	SPARE	SPARE	SPARE		
18	ORANGE / RED	SPARE	SPARE	SPARE	SPARE		
19	BLUE / RED	SPARE	SPARE	SPARE	SPARE		
20	RED / GREEN	SPARE	SPARE	SPARE	SPARE		

CONDUIT RUNS									
RUN NO.	LENGTH	ITEM 618		ITEM 620		ITEM 684			ITEM 6002
		CONDUIT STATUS	CONDUIT FOR SIGNALS AND LUM (SIZE/TYPE)	NO.8 XHHW WIRE BARE (EA)	NO.8 XHHW WIRE INSULATED (EA)	(14 AWG) (10 CONDR) FOR SIGNALS (EA)	(14 AWG) (20 CONDR) FOR SIGNALS (EA)	(12 AWG) (2 CONDR) FOR PED PUSH BUTTON (EA)	VIVDS COMMUNICATION CABLE (COAXIAL) (EA)
1		EXISTING TO REMAIN							
2		EXISTING TO REMAIN							
3		EXISTING TO REMAIN							
4		EXISTING TO REMAIN							
5	15	PROPOSED	4" PVC	1	2		1	1	1
6	20	PROPOSED	4" PVC	1			1	1	1
7	75	PROPOSED	4" PVC	1	2		2	2	2
8	10	PROPOSED	4" PVC	1		1		1	
9	10	PROPOSED	4" PVC	1		1		1	
10	135	PROPOSED	4" PVC (BORED)	1	2	2	2	4	2
11		EXISTING TO REMAIN							
12		EXISTING TO REMAIN							
13	8	PROPOSED	(2) 3" PVC	2		2	2	4	2
14	8	PROPOSED	3" PVC	1	2				
15		EXISTING TO REMAIN							
		TOTAL (LF)	289	289	466	306	471	777	471

NOTE: THE PROPOSED CONDUIT FOR RUN NO. 13 WILL EXTEND THE 2 EXISTING 3" CONDUITS STUBBED OUT AT THE EDGE OF THE CABINET FOUNDATION TO THE PROPOSED GROUND BOX. THE PROPOSED CONDUIT FOR RUN NO. 14 WILL BRING THE LUMINAIRE WIRES TO THE NEW CONDUITS AND OUT TO THE NEW POLES. INTERCEPTING THE 2 EXISTING 3" CONDUITS AND SPICING LUMINARE WIRES IN THE EXISTING GROUND BOX WILL BE SUBSIDIARY TO RELATED BID ITEMS.

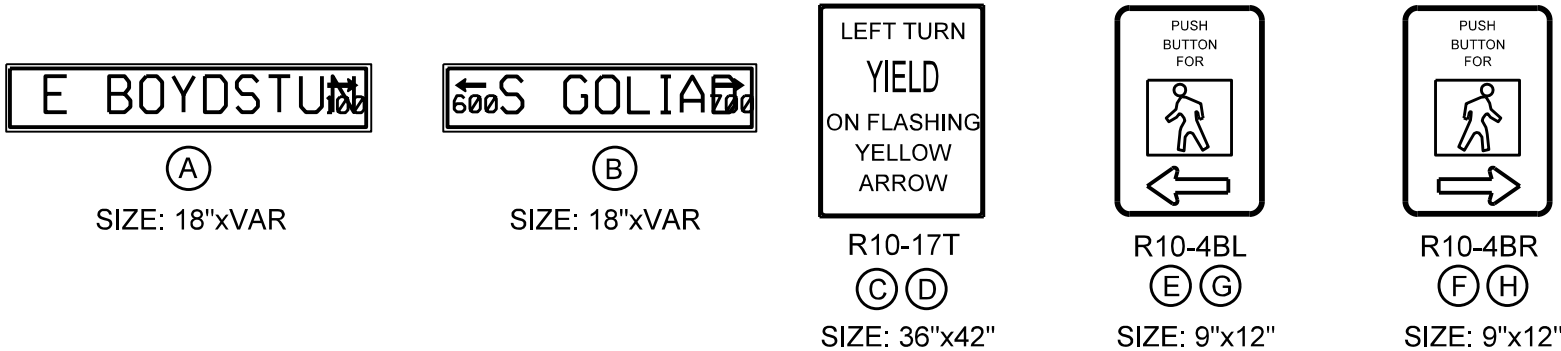
WIRING INSIDE POLES AND ARMS					
POLE	MAST ARM LENGTH (LF)	ITEM 620	ITEM 684	ITEM 6002	
		NO.8 XHHW WIRE INSULATED (LUM) (LF)	(14 AWG) (5 CONDR) FOR SIGNALS (LF)	(14 AWG) (7 CONDR) FOR SIGNALS (LF)	VIVDS COMMUNICATION CABLE (COAXIAL) (LF)
P-1	55	80	10	170	60
P-2	40		10	110	60
P-3	N/A; PEDESTAL		20		
P-4	N/A; PEDESTAL		10		
TOTAL (LF)		80	50	280	120

VIVDS DETECTION ZONE DETAILS										
CAMERA	STATUS	MOUNTING LOCATION	MOUNTING HEIGHT	ZONE LOCATION	ZONE	SET BACK DISTANCE	DIMENSIONS	DETECTION UNIT	DELAY INHIBIT	NOTES
C1	E	E-1 MAST ARM	24'	STOP BAR	V6-1	N/A	6'X90'	Ø6-1	Ø6-R	EXISTING CAMERA TO REMAIN
					V6-2		6'X90'	Ø6-2		
					V6-3		6'X90'	Ø6-3		
					V1-1		6'X90'	Ø1-1		
C2	E	E-2 MAST ARM	24'	STOP BAR	V3-1	N/A	6'X90'	Ø3-1	Ø3-G	EXISTING CAMERA TO REMAIN; ADJUST DETECTION ZONE
					V8-1		6'X90'	Ø8-1		
					V2-1		6'X90'	Ø2-1		
C3	E/REL	P-1 MAST ARM M1	24'	STOP BAR	V2-2	N/A	6'X90'	Ø2-2	Ø2-R	RELOCATE CAMERA FROM E-3 AND INSTALL ON P-1 MAST ARM FOR NB S GOLIAD ST (SH 205) APPROACH
					V2-3		6'X90'	Ø2-3		
					V5-1		6'X90'	Ø5-1		
					V4-1		6'X90'	Ø4-1		
C4	E/REL	P-2 MAST ARM M2	24'	STOP BAR	V7-1	N/A	6'X90'	Ø7-1	Ø7-G	RELOCATE CAMERA FROM E-4 MAST ARM AND INSTALL ON P-2 MAST ARM FOR EB BOYDSTUN AVE APPROACH

* E = EXISTING CAMERA, REL = RELOCATE

SIGNS SUMMARY		
SIGN LABEL	SIGN	NOTE
A	E BOYDSTUN	PROP SIGN ON P-1 ARM
B	S GOLIAD	PROP SIGN ON P-2 ARM
C	LEFT TURN YIELD ON FLASHING YELLOW ARROW	PROP SIGN ON P-1 ARM
D	LEFT TURN YIELD ON FLASHING YELLOW ARROW	PROP SIGN ON P-2 ARM
E	PUSH BUTTON FOR (WALK SYMBOL) (LEFT ARROW)	PROP SIGN ON P-1 POLE
F	PUSH BUTTON FOR (WALK SYMBOL) (RIGHT ARROW)	PROP SIGN ON P-2 POLE
G	PUSH BUTTON FOR (WALK SYMBOL) (LEFT ARROW)	PROP SIGN ON P-3 POLE
H	PUSH BUTTON FOR (WALK SYMBOL) (RIGHT ARROW)	PROP SIGN ON P-4 POLE


PROPOSED SIGNS

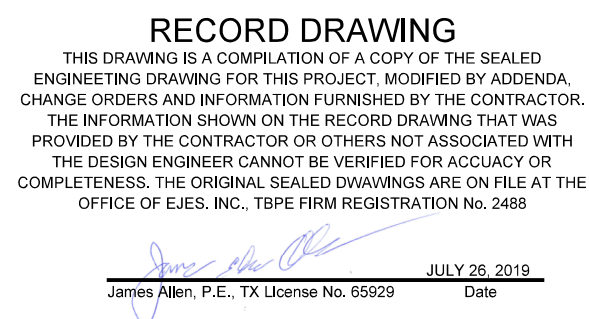


TRAFFIC SIGNAL SUMMARY OF QUANTITIES				
ITEM CODE		DESCRIPTION	UNIT	QUANTITY
ITEM No.	DESC CODE			
416	6030	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	24
416	6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	13
416	6034	DRILL SHAFT (TRF SIG POLE) (48 IN)	LF	22
618	6029	CONDT (PVC) (SCH 40) (3")	LF	24
618	6033	CONDT (PVC) (SCH 40) (4")	LF	130
618	6034	CONDT (PVC) (SCH 40) (4") (BORE)	LF	135
620	6007	ELEC CNDR (NO.8) BARE	LF	289
620	6008	ELEC CNDR (NO.8) INSULATED	LF	546
624	6008	GROUND BOX TY C (162911) W/APRON	EA	2
624	6028	REMOVE GROUND BOX	EA	1
636	6001	ALUMINUM SIGNS (TY A)	SF	51
680	6003	INSTALL HWY TRF SIG (SYSTEM)	EA	1
682	6001	VEH SIG SEC (12")LED(GRN)	EA	4
682	6002	VEH SIG SEC (12")LED(GRN ARW)	EA	2
682	6003	VEH SIG SEC (12")LED(YEL)	EA	4
682	6004	VEH SIG SEC (12")LED(YEL ARW)	EA	4
682	6005	VEH SIG SEC (12")LED(RED)	EA	4
682	6006	VEH SIG SEC (12")LED(RED ARW)	EA	4
682	6017	PED SIG SEC (LED)(2 INDICATIONS)	EA	4
682	6023	BACK PLATE (12") (3 SEC)	EA	4
682	6025	BACK PLATE (12") (5 SEC)	EA	2
684	6007	TRF SIG CBL (TY A)(12 AWG)(2 CONDR)	LF	777
684	6031	TRF SIG CBL (TY A)(14 AWG)(5 CONDR)	LF	50
684	6033	TRF SIG CBL (TY A)(14 AWG)(7 CONDR)	LF	280
684	6036	TRF SIG CBL (TY A)(14 AWG)(10 CONDR)	LF	306
684	6046	TRF SIG CBL (TY A)(14 AWG)(20 CONDR)	LF	471
686	6041	INS TRF SIG PL AM(S)1 ARM(40)	EA	1
686	6059	INS TRF SIG PL AM(S)1 ARM(55")LUM	EA	1
687	6001	PED POLE ASSEMBLY	EA	2
688	6002	PED DETECT PUSH BUTTON (STANDARD)	EA	4
690	6051	REMOVAL OF SIGNAL POLE ASSM	EA	2
6002	6003	VIVDS SET-UP SYSTEM	EA	1
6002	6005	VIVDS COMMUNICATION CABLE (COAXIAL)	LF	591
6027	6008	GROUND BOX (PREPARE)	EA	2

NOTE: BID ITEM 690 INCLUDES THE REMOVAL OF ALL RELATED SIGNAL POLE COMPONENTS INCLUDING BUT NOT LIMITED TO THE POLE, MAST ARM, SIGNAL HEADS, CABLES, SIGNS, AND LUMINAIRE.



1	09-20-17	ADDENDUM NO 1				
REV	DATE	DESCRIPTION	\$DATES			
		12655 N Central Expy, Suite # 500, Dallas, Texas 75243. Tel # 214-343-1210, Fax # 214-343-3885 FIRM REGISTRATION No: F-2488				
PROPOSED SIGNAL MODIFICATION						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	NTS			21



NOTE:

TEMPORARY TRAFFIC SIGNAL SHALL ONLY BE USED IF CONSTRUCTION OF NEW TRAFFIC SIGNAL INTERFERES WITH THE OPERATION OF EXISTING TRAFFIC SIGNAL. THIS ITEM SHALL ONLY BE DEEMED NECESSARY IF THE OWNER AND ENGINEER DETERMINE THE ONLY WAY TO PHASE CONSTRUCTION OF THE PROPOSED SIGNAL INTERFERES WITH OPERATIONS OF THE SIGNAL AND EXTENSIVE DOWN TIME OF THE SIGNAL.



I. TCP GENERAL NOTES:

- TRAFFIC CONTROL & LANE CLOSURES WILL BE IN ACCORDANCE WITH THE TMUTCD, PLANS, TCP, AND WZ STANDARDS, AND AS DIRECTED BY THE ENGINEER.
- SUBMIT FOR APPROVAL A TRAFFIC CONTROL PLAN, FOLLOWING THE SUGGESTED SEQUENCE OF WORK, OUTLINING IN DETAIL THE METHOD OF HANDLING TRAFFIC WITHIN AND ADJACENT TO WORK ZONE BEFORE BEGINNING WORK ON THE PROJECT. THE CONTRACTOR MAY SUGGEST AN ALTERNATE SEQUENCE OF WORK TO THE CITY ENGINEER FOR APPROVAL. THE ALTERNATE SEQUENCE OF WORK AND TCP SHALL BE SIGNED AND SEALED BY THE CONTRACTOR'S ENGINEER.
- MAINTAIN ALL DRIVEWAY ACCESS DURING CONSTRUCTION USING AN ALL -WEATHER MATERIAL.
- DURING CONSTRUCTION THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AND CROSS STREETS AT ALL TIMES.
- THE CONTRACTOR WILL PROVIDE AND MAINTAIN SKILLED FLAGGERS EQUIPPED WITH TWO-WAY COMMUNICATION TO HANDLE TRAFFIC THROUGH THE WORK AREAS.
- ALL PAVEMENT EDGE DROP- OFFS USED BY THE TRAVELING PUBLIC SHALL BE BACK FILLED WITH A SUITABLE MATERIAL TO FORM A STABLE 3:1 SLOPE AT THE END OF EACH WORKDAY AS DIRECTED BY THE ENGINEER.
- MAINTAIN POSITIVE DRAINAGE AT ALL TIMES DURING CONSTRUCTION.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ALL EMERGENCY SERVICES AND AND SCHOOLS.
- CONTRACTOR SHALL CONTACT JOHN BREWER AT 214-320-6682 WITH TXDOT SIGNAL SHOP 72 HOURS PRIOR TO ANY SIGNAL WORK INSTALLED ON SH 205 (GOLIAD ST.)

II. OVERALL SUGGESTED SEQUENCE OF WORK:

- ERECT PROJECT LIMIT AND ADVANCE WARNING SIGNS AS SHOWN IN THE DETOUR PLAN, TCP , BC STANDARDS AND AS DIRECTED BY THE ENGINEER.
- INSTALL AND MAINTAIN SW3P DEVICES THROUGHOUT EACH STAGE OF CONSTRUCTION AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.

III. STAGE 1: UTILITY CONSTRUCTION

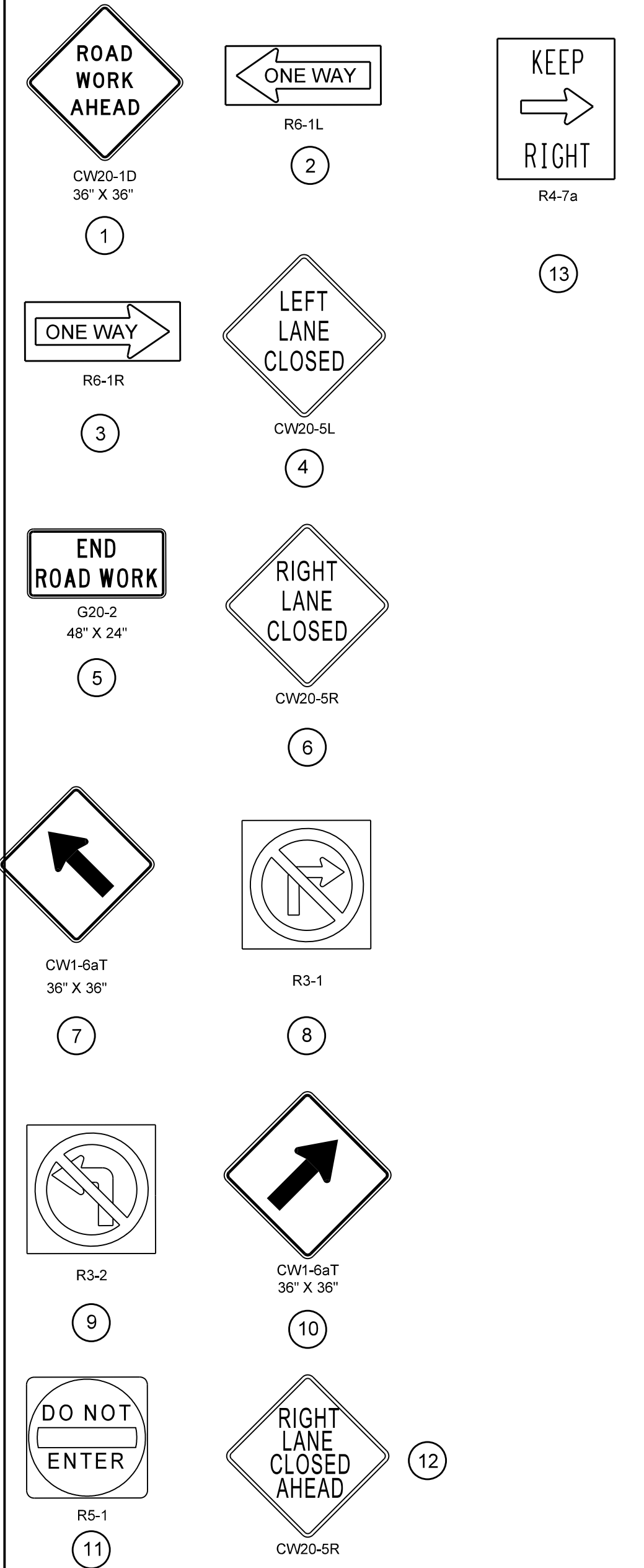
- INSTALL APPLICABLE TCP DEVICES AND SIGNS ACCORDING TO THE TCP STANDARDS AND AS DIRECTED BY THE ENGINEER.
- DAILY LANE CLOSURES WILL BE IN ACCORDANCE TO THE TCP AND WZ STANDARDS AND AS DIRECTED BY THE ENGINEER.
- ADJUST TRAFFIC SIGNAL TO ACCOMMODATE TRAFFIC AS SHOWN IN TCP TYPICAL SECTION STAGE 1 PHASE 1 AND AS DIRECTED BY THE ENGINEER.
- SHIFT TRAFFIC AS SHOWN IN TCP TYPICAL SECTION STAGE 1 PHASE 1 AND AS DIRECTED BY THE ENGINEER.
- CONSTRUCT WASTE WATER LINE AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER. INSTALL POSITIVE BARRIERS FOR THE PROTECTION OF THE TRAVELING PUBLIC. THE WORK ZONE AREA IS RESTRICTED TO THE LENGTH THAT CAN BE ACCOMPLISHED IN ONE DAY OF WORK. INSTALL TEMPORARY ASPHALT AND STEEL PLATES AT THE END OF THE WORK DAY.
- UPON COMPLETION OF THE WASTE WATER LINE SHIFT TRAFFIC AS SHOWN IN TCP TYPICAL SECTION STAGE 1 PHASE 2 AND AS DIRECTED BY THE ENGINEER.
- CONSTRUCT WATER LINE AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER. INSTALL POSITIVE BARRIERS FOR THE PROTECTION OF THE TRAVELING PUBLIC. THE WORK ZONE AREA IS RESTRICTED TO THE LENGTH THAT CAN BE ACCOMPLISHED IN ONE DAY OF WORK. INSTALL TEMPORARY ASPHALT AND STEEL PLATES AT THE END OF THE WORK DAY.
- DURING CONSTRUCTION OF THE WATERLINE, CONFLICT MAY OCCUR WITH EXISTING 24"/ 27" STORM SEWER. THE CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING THE EXISTING STORM SEWER AND PROVIDING AN ALTERNATE METHOD (I.E. PUMPING, ETC.) FOR CONTINUING THE EXISTING DRAINAGE.

III. STAGE 2: WESTBOUND CONSTRUCTION

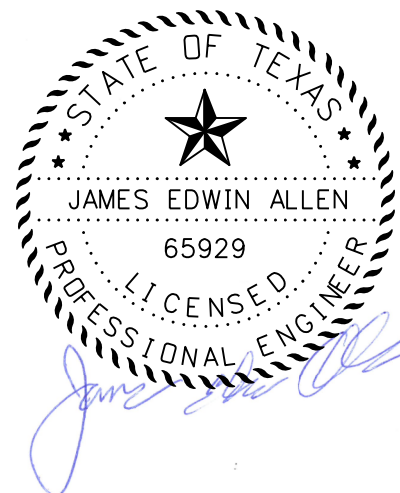
- PRIOR TO CONSTRUCTION OF THE WESTBOUND PAVEMENT THE CONTRACTOR SHALL CONTACT THE FIRE CHIEF AND THE POST MASTER TO DISCUSS THE STAGE OF CONSTRUCTION FOR THE DRIVEWAYS. THE CONTRACTOR WILL KEEP THREE DRIVEWAYS OF THE FIRE STATION BAYS OPEN AT ALL TIMES.
- INSTALL APPLICABLE TCP DEVICES, SIGNS AND WORK ZONE PAVEMENT MARKINGS AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
- DURING PHASE 1 OF STAGE 2, TRAFFIC SIGNAL SHALL BE MODIFIED TEMPORARILY TO ACCOMMODATE TRAFFIC GOING WESTBOUND IN THE EASTBOUND LANE.
- CLOSE EASTBOUND TRAFFIC AND SHIFT WESTBOUND TRAFFIC TO EASTBOUND LANE AS SHOWN IN TCP TYPICAL SECTION.
- CONSTRUCT OF STORM SEWER AND CULVERT AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
- CONSTRUCT WESTBOUND PAVEMENT, CROSS STREETS, AND DRIVEWAYS ACCORDING TO PHASE 1 THROUGH 4 AND AS DIRECTED BY THE ENGINEER.
- INSTALL TRAFFIC SIGNALS AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
- CONSTRUCT SIDEWALKS AND CURB RAMPS AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
- UPON COMPLETION OF THE WESTBOUND SECTION, INSTALL WORK ZONE PAVEMENT MARKINGS FOR STAGE 3 AS SHOWN ON THE TCP TYPICAL AND AS DIRECTED THE ENGINEER.

IV. STAGE 3: EASTBOUND CONSTRUCTION

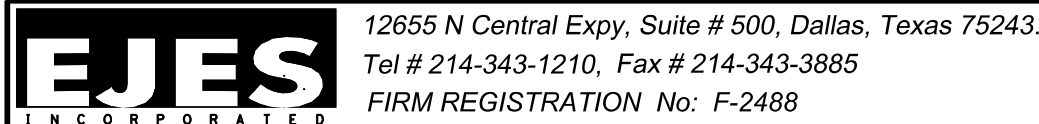
- PRIOR TO CONSTRUCTION OF THE EASTBOUND PAVEMENT THE CONTRACTOR SHALL CONTACT THE BUSINESSES TO DISCUSS THE STAGE OF CONSTRUCTION FOR THE DRIVEWAYS.
- INSTALL APPLICABLE TCP DEVICES, SIGNS AND WORK ZONE PAVEMENT MARKINGS AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
- KEEP EASTBOUND TRAFFIC CLOSED AND SHIFT WESTBOUND TRAFFIC TO WESTBOUND LANE AS SHOWN IN TCP TYPICAL SECTION STAGE 3.
- CONSTRUCT THE REMAINING SECTION OF THE STORM SEWER AND THE CULVERT AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
- CONSTRUCT EASTBOUND PAVEMENT, CROSS STREETS, AND DRIVEWAYS ACCORDING TO PHASE 1 THROUGH 2 AND AS DIRECTED BY THE ENGINEER.
- CONSTRUCT SIDEWALKS AND CURB RAMPS AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
- REMOVE TENPORARY WORK ZONE PAVEMENT MARKINGS AND INSTALL PERMANENT PAVEMENT MARKINGS AND SIGNS AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER. OPEN EASTBOUND LANES TO TRAFFIC.
- ESTABLISH PERMANENT VEGETATIVE COVER AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.



TRAFFIC CONTROL SIGNS



\$DATES\$



TRAFFIC CONTROL NARRATIVE

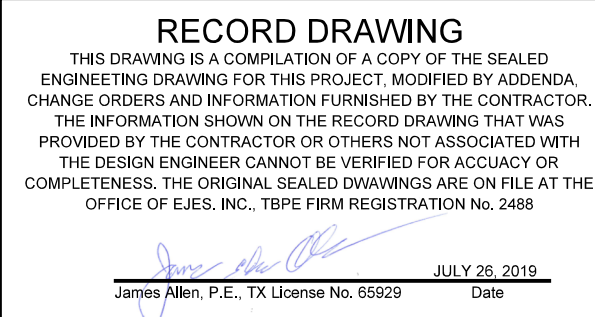
E. BOYDSTUN AVE.

FROM S. GOLIAD ST TO S. CLARK ST

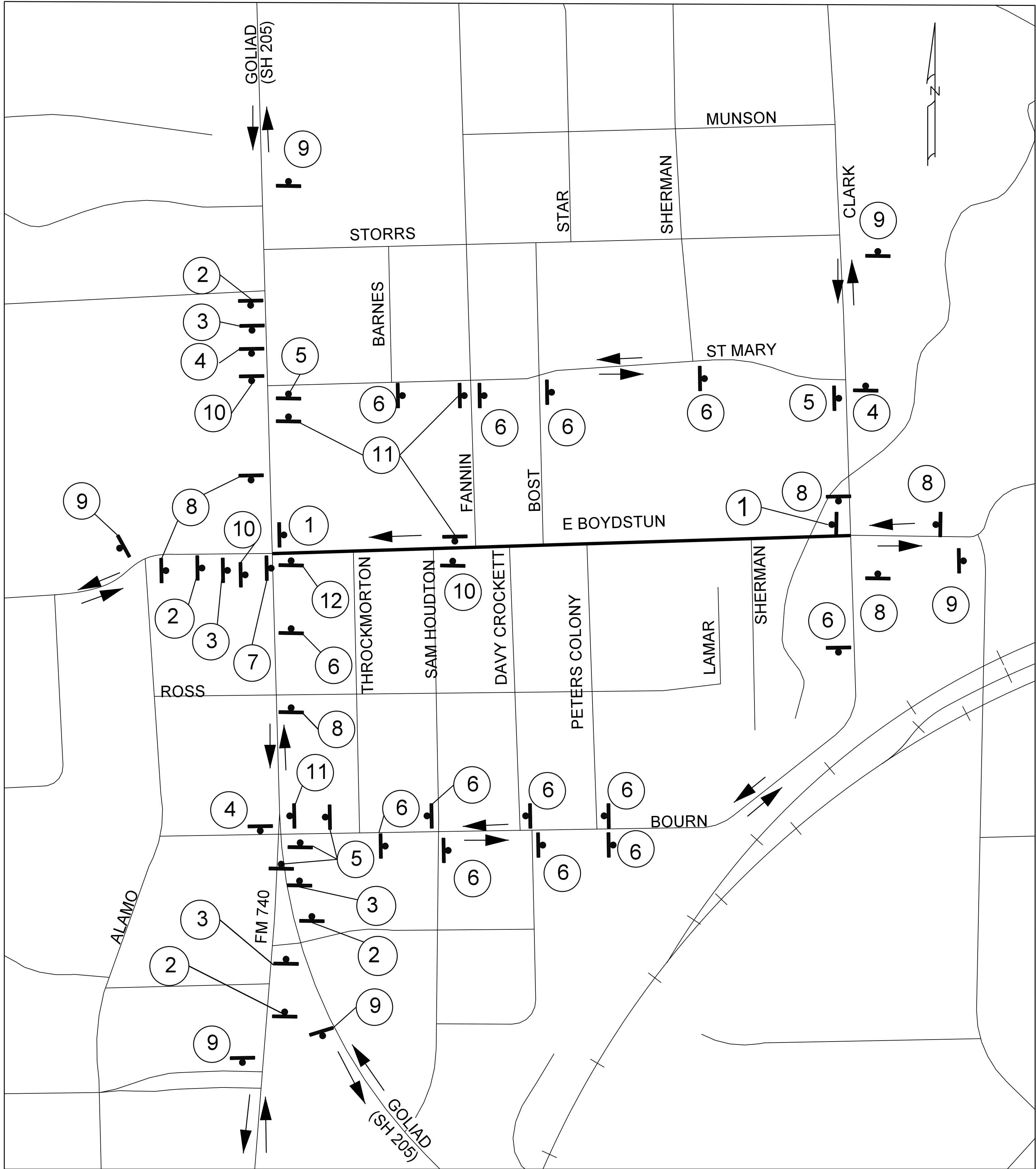
PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017				23



ADDENDUM 1: 9-22-2017

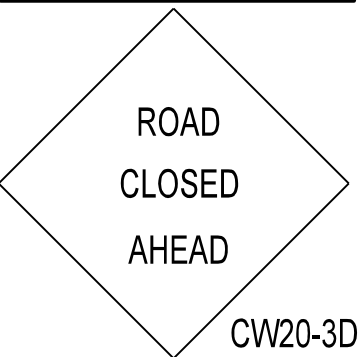




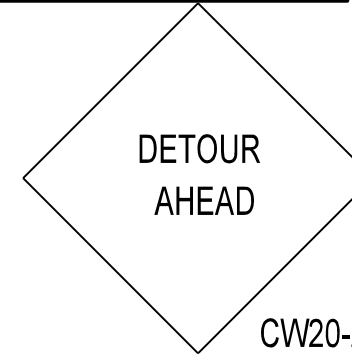
CITY OF ROCKWALL
"THE NEW HORIZON"

C.I.P. PROJECT NAME
PROJECT LOCATION
CONTRACTOR NAME
CONTRACTOR PHONE

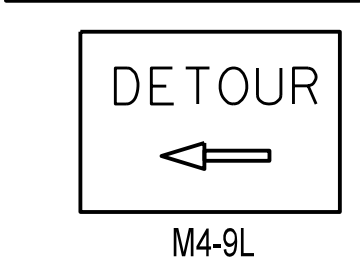
E. BOYDSTUN



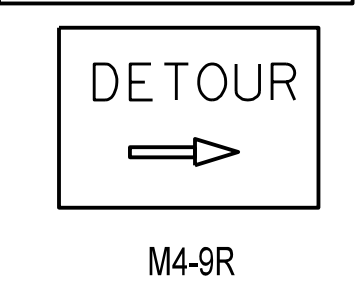
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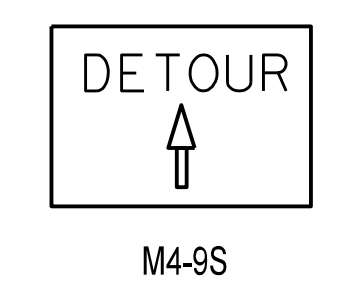
E. BOYDSTUN



E. BOYDSTUN

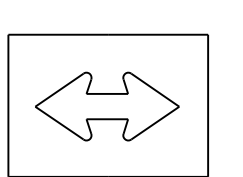


E. BOYDSTUN



ROAD CLOSED

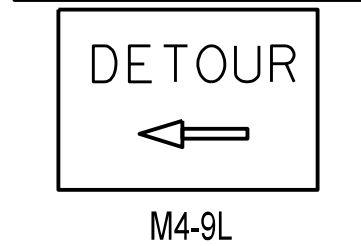
R11-2
48"x30"



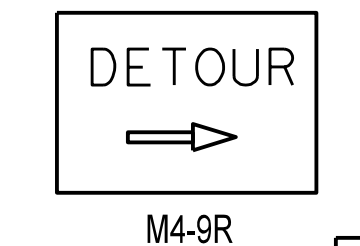
END
ROAD WORK

G20-2

POST OFFICE




POST OFFICE



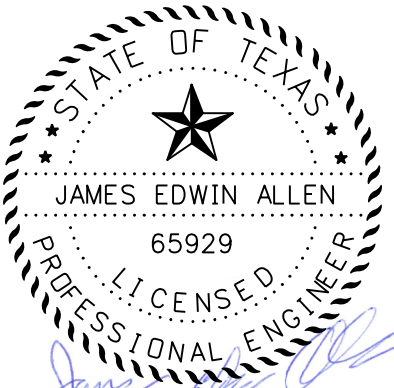
RECORD DRAWING

THIS DRAWING IS A COMPILATION OF A COPY OF THE SEALED ENGINEERING DRAWING FOR THIS PROJECT, MODIFIED BY ADDENDUM, CHANGE ORDERS AND INFORMATION FURNISHED BY THE CONTRACTOR. THE INFORMATION SHOWN ON THE RECORD DRAWING THAT WAS PROVIDED BY THE CONTRACTOR OR OTHERS NOT ASSOCIATED WITH THE DESIGN ENGINEER CANNOT BE VERIFIED FOR ACCURACY OR COMPLETENESS. THE ORIGINAL SEALED DRAWINGS ARE ON FILE AT THE OFFICE OF EJES, INC., TYPE FIRM REGISTRATION NO. 2488




JAMES EDWIN ALLEN
65929
LICENSED PROFESSIONAL ENGINEER

JULY 28, 2019
Date



- NOTE:
- LIMIT LANE CLOSURES ALONG SH 205 TO THE HOURS BETWEEN 9:00 AM AND 3:30 PM. WORK IN OTHER AREAS OF THE PROJECT IS NOT RESTRICTED TO THIS TIME FRAME.
 - SEE TXDOT BC(2)-14 STANDARD FOR SIGN SIZE AND SPACING.



12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

TRAFFIC CONTROL DETOUR

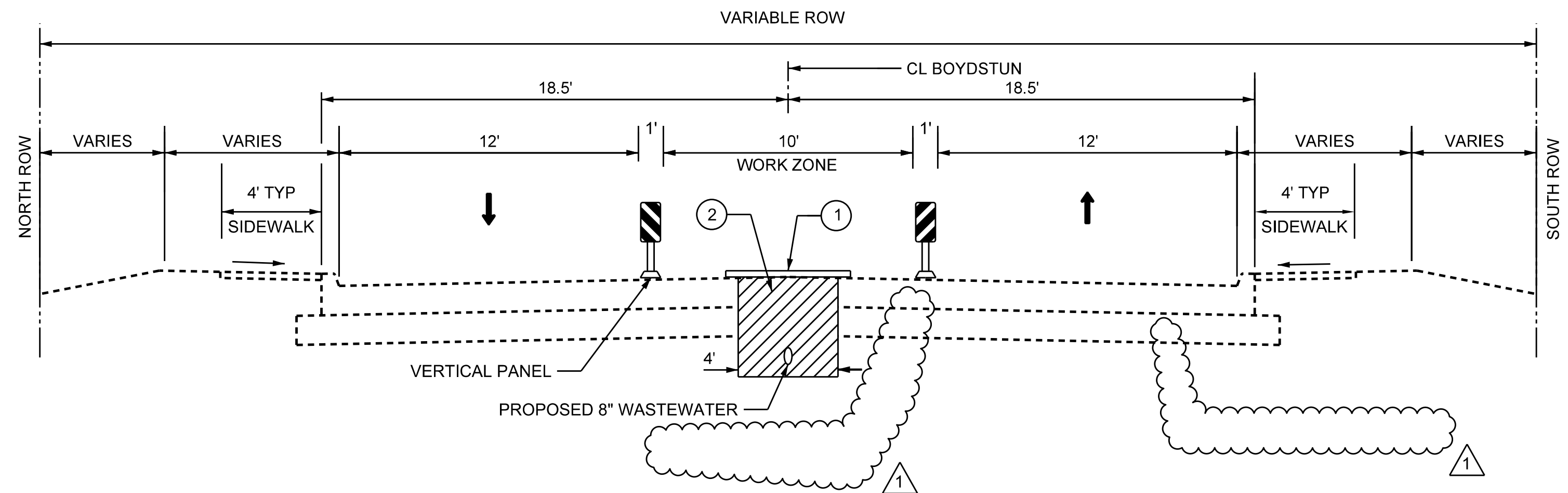
E. BOYDSTUN AVE.

FROM S. GOLIAD ST TO S. CLARK ST

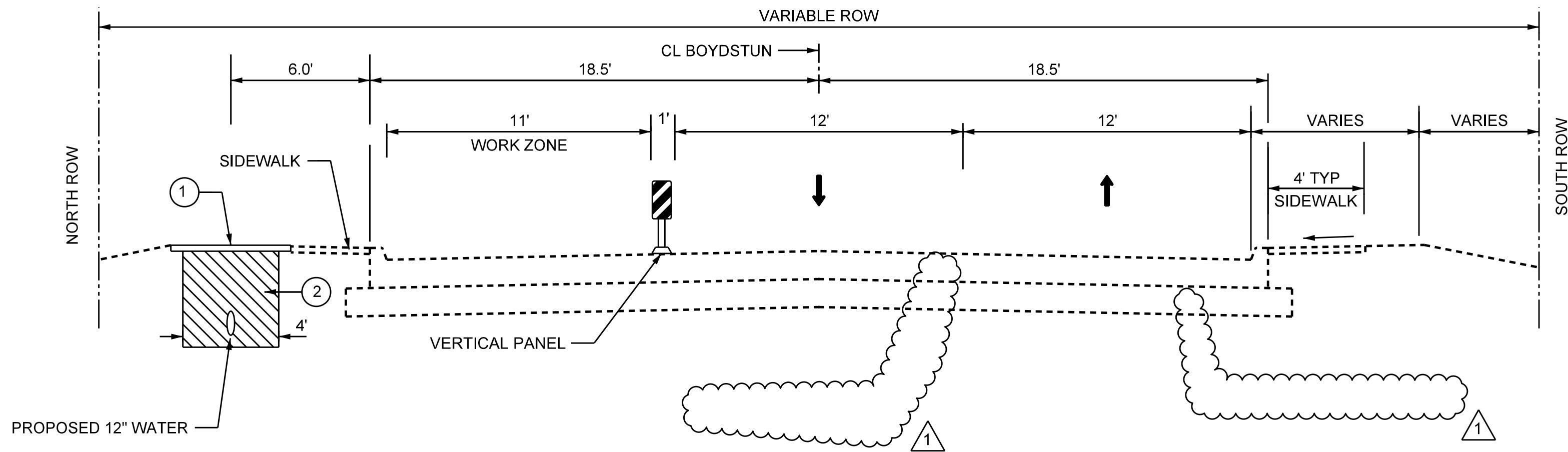
PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

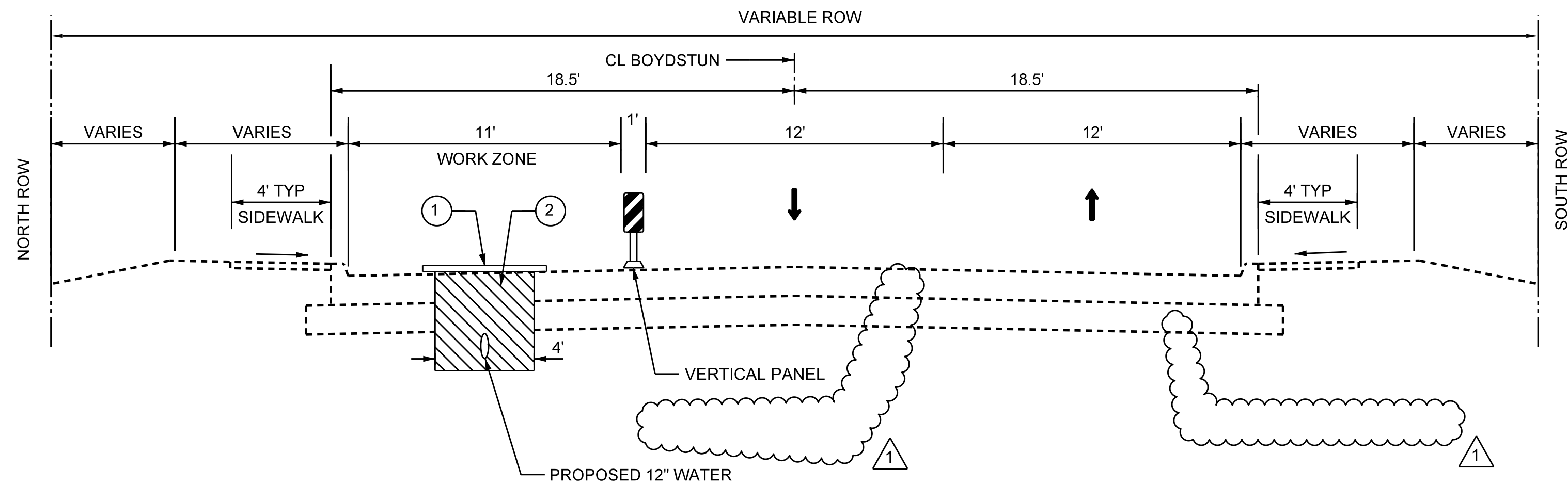
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EJES	EJES	MAY 2017				24



STAGE 1 PHASE 1 WASTEWATER TYPICAL SECTION BOYDSTUN STA 10+46.69 TO STA 28+18.46




STAGE 1 PHASE 2 WATER LINE TYPICAL SECTION BOYDSTUN STA 10+46.69 TO STA 16+55



STAGE 1 PHASE 2 WATER LINE TYPICAL SECTION BOYDSTUN STA 16+55 TO STA 28+18.46

- NOTES:
- 1 PLACE " STEEL PLATE ON OPEN TRENCH AT END OF EACH DAY. USE COLD ASPHALT TO KEEP PLATE IN PLACE.
 - 2 USE 6" OF TEMPORARY TYPE D ASPHALT OVER COMPACT SUBGRADE FOR TEMPORARY STRUCTURE REPAIR.

CALL BEFORE YOU DIG!
TEXAS ONE CALL PARTICIPANTS REQUEST
48 HOURS NOTICE BEFORE YOU DIG, DRILL,
OR BLAST - STOP CALL

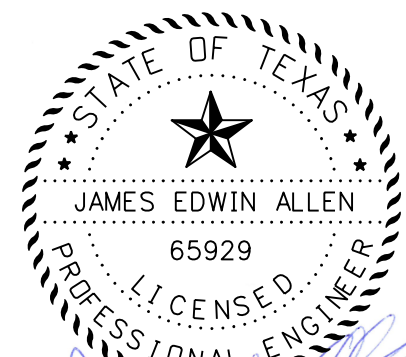
 **Texas One Call System**
1-800-DIG-TESS

UTILITY LOCATION NOTE:
The location of existing utilities shown on these plans are approximate and based on existing plans and data furnished by utility companies. It is the responsibility of the contractor to verify the location and depth of all existing utilities that may conflict with construction. Call 1-800-344-8377 two working days prior to construction for on site locations. Any damage to existing utilities shall be repaired at contractor's expense, at no additional cost.

RECORD DRAWING
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James Allen, P.E. TX License No. 65929 JULY 26, 2019 Date

1 ADDENDUM 1: 9-22-2017



EJES 12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

TCP TYPICAL SECTION STAGE 1

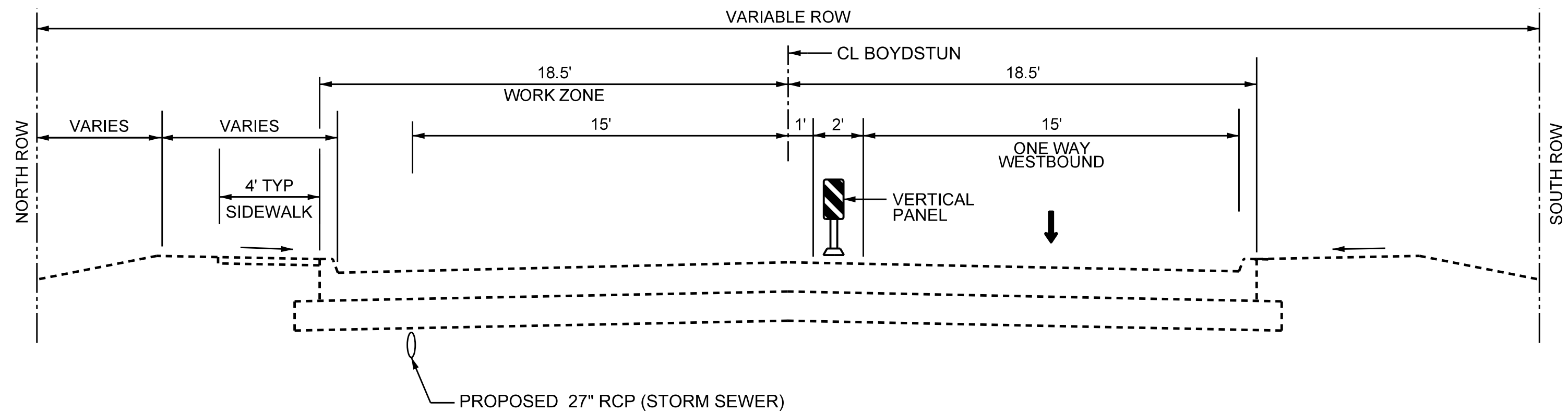
E. BOYDSTUN AVE.

FROM S. GOLIAD ST TO S. CLARK ST

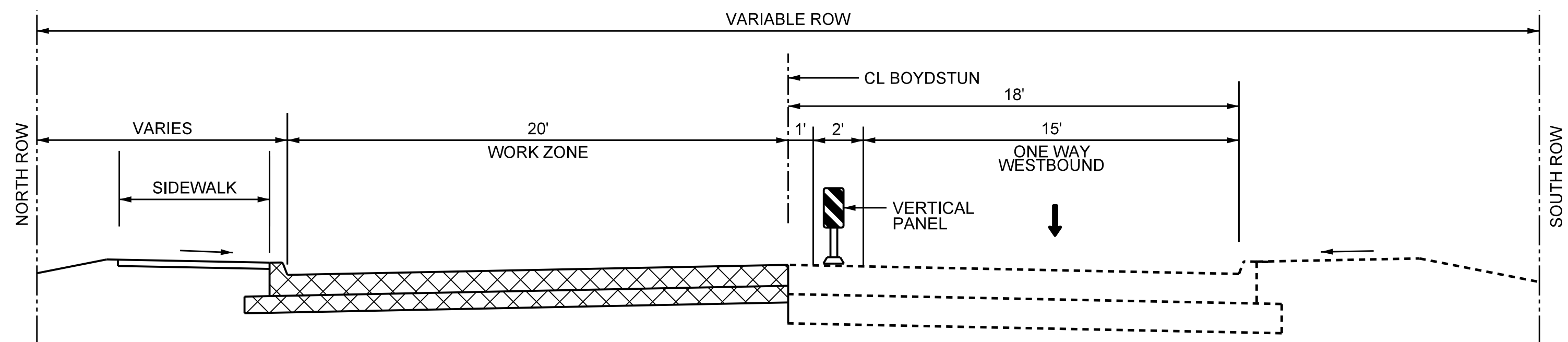
PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

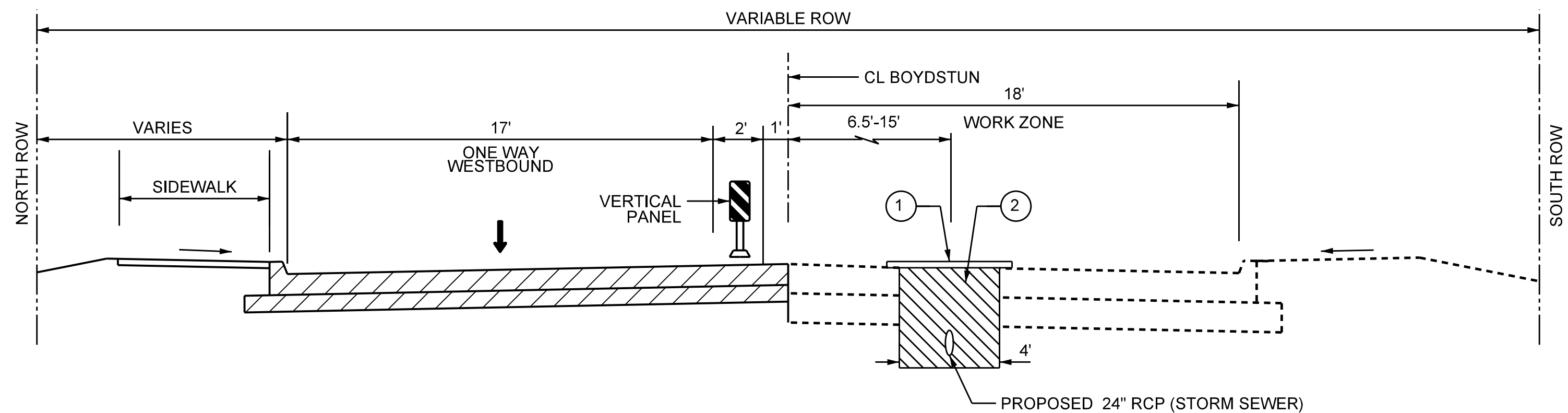
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017				25



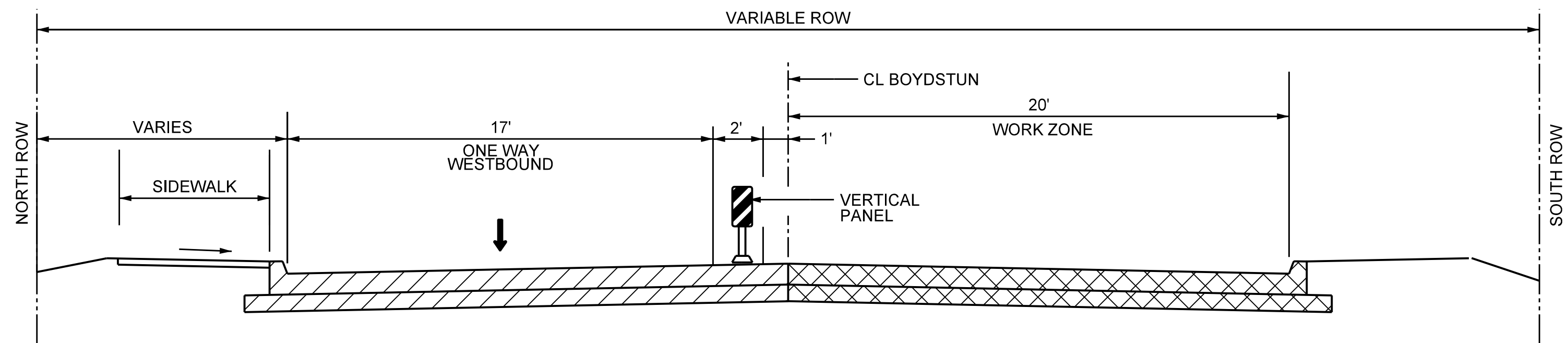
STAGE 2 TYPICAL SECTION STORM SEWER



STAGE 2 TYPICAL SECTION ROADWAY



STAGE 3 TYPICAL SECTION STORM SEWER



STAGE 3 TYPICAL SECTION ROADWAY

TCP LEGEND

COMPLETED CONSTRUCTION

UNDER CONSTRUCTION

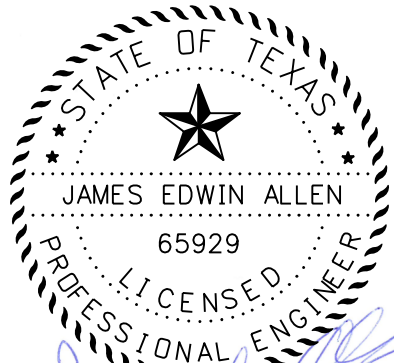
CALL BEFORE YOU DIG!
TEXAS ONE CALL PARTICIPANTS REQUEST
48 HOURS NOTICE BEFORE YOU DIG, DRILL,
OR BLAST - STOP CALL

Texas One Call System
1-800-DIG-TESS

UTILITY LOCATION NOTE:
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RECORD DRAWING
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JAMES EDWIN ALLEN **PROFESSIONAL ENGINEER**
65929
JULY 28, 2019
Date



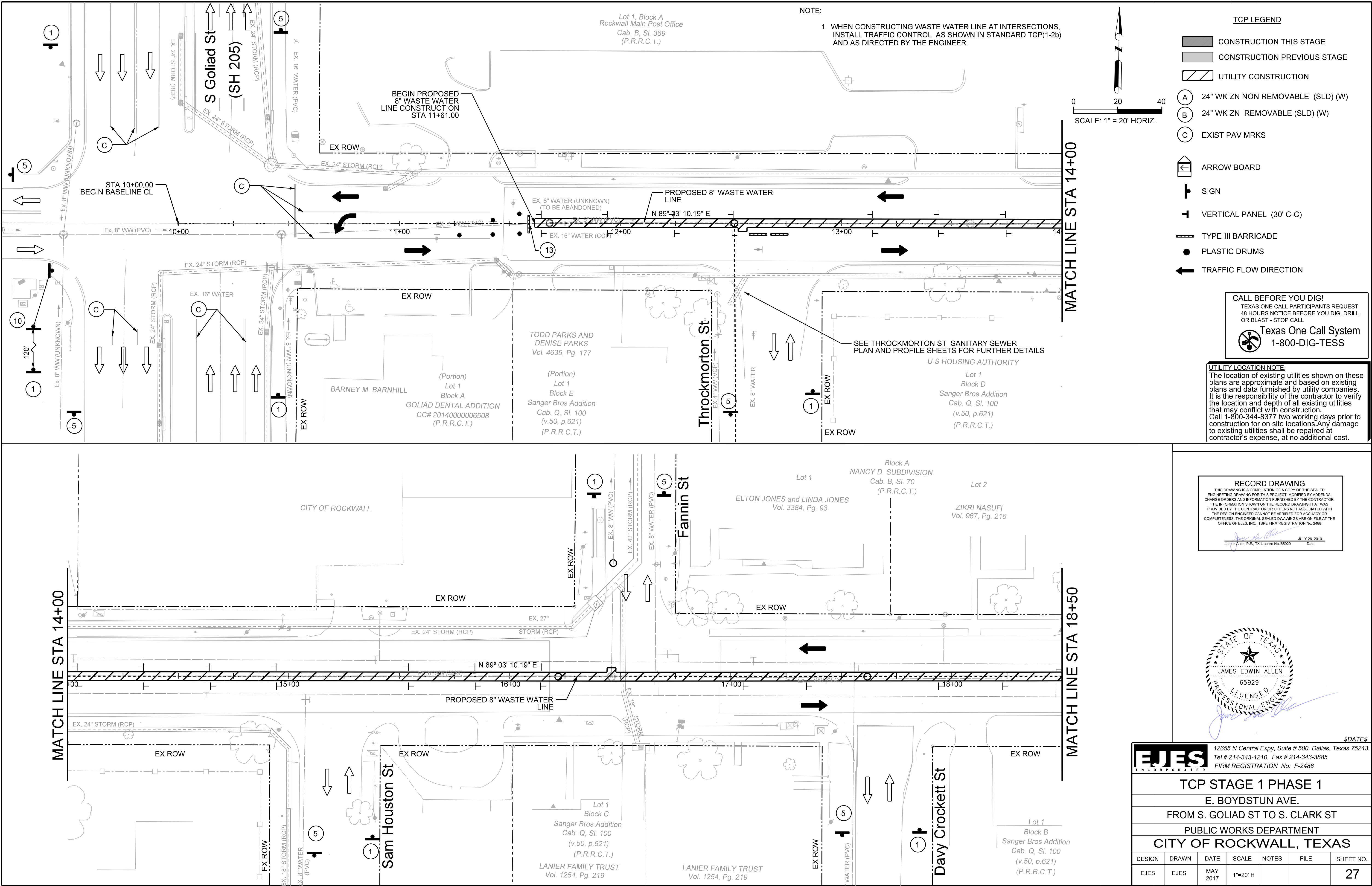
EJES 12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

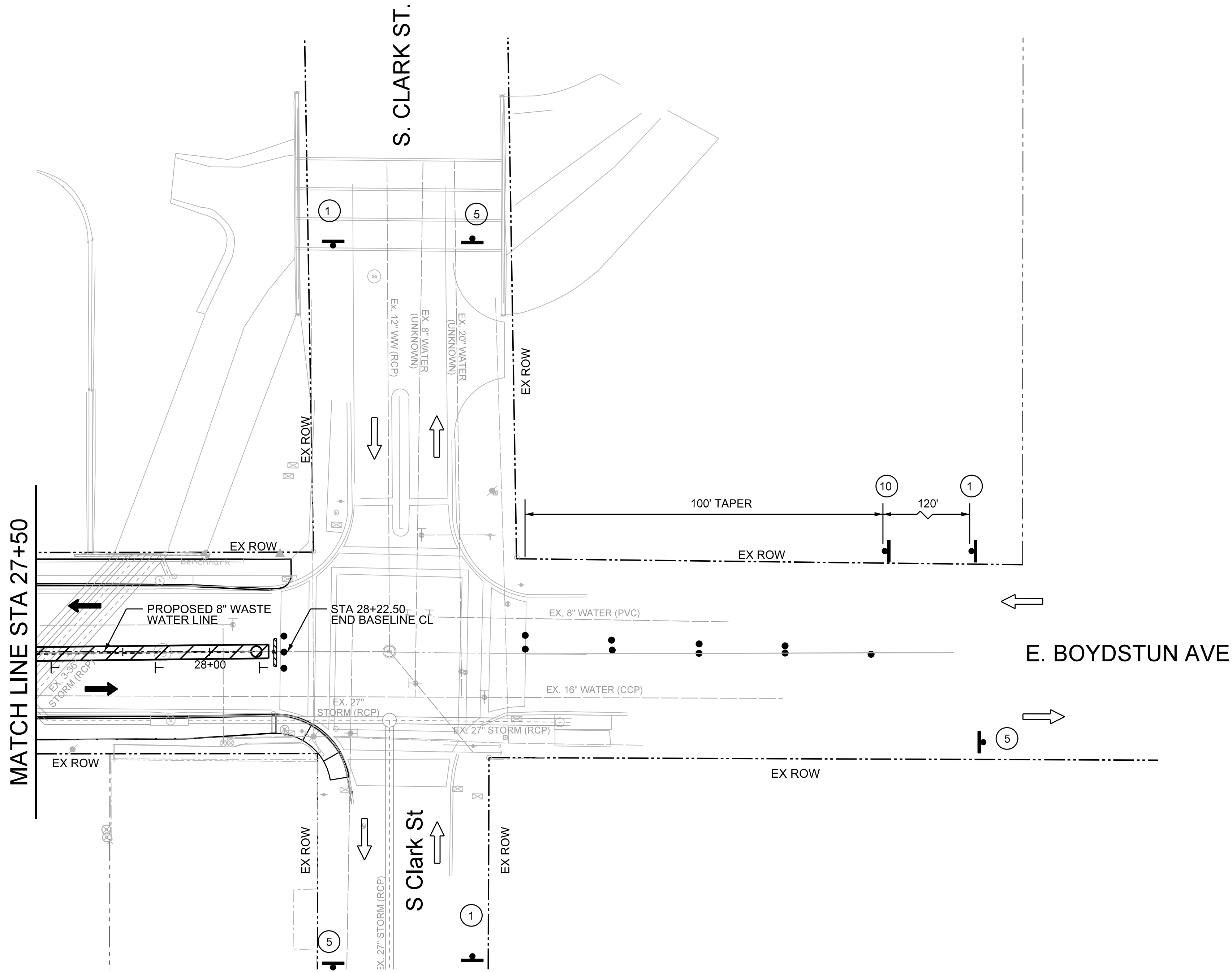
TCP TYPICAL SECTION STAGE 2 & 3

E. BOYDSTUN AVE.
FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017				26





NOTE:

1. WHEN CONSTRUCTING WASTEWATER LINE AT INTERSECTIONS, INSTALL TRAFFIC CONTROL AS SHOWN IN STANDARD TCP(1-2b) AND AS DIRECTED BY THE ENGINEER.

TCP LEGEND

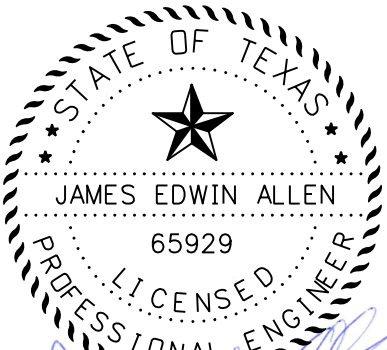
- CONSTRUCTION THIS STAGE
- CONSTRUCTION PREVIOUS STAGE
- UTILITY CONSTRUCTION
- 24" WK ZN NON REMOVABLE (SLD) (W)
- 24" WK ZN REMOVABLE (SLD) (W)
- EXIST PAV MRKS
- ARROW BOARD
- SIGN
- VERTICAL PANEL (30' C-C)
- TYPE III BARRICADE
- PLASTIC DRUMS
- TRAFFIC FLOW DIRECTION

CALL BEFORE YOU DIG!
TEXAS ONE CALL PARTICIPANTS REQUEST
48 HOURS NOTICE BEFORE YOU DIG, DRILL,
OR BLAST - STOP CALL
Texas One Call System
1-800-DIG-TESS

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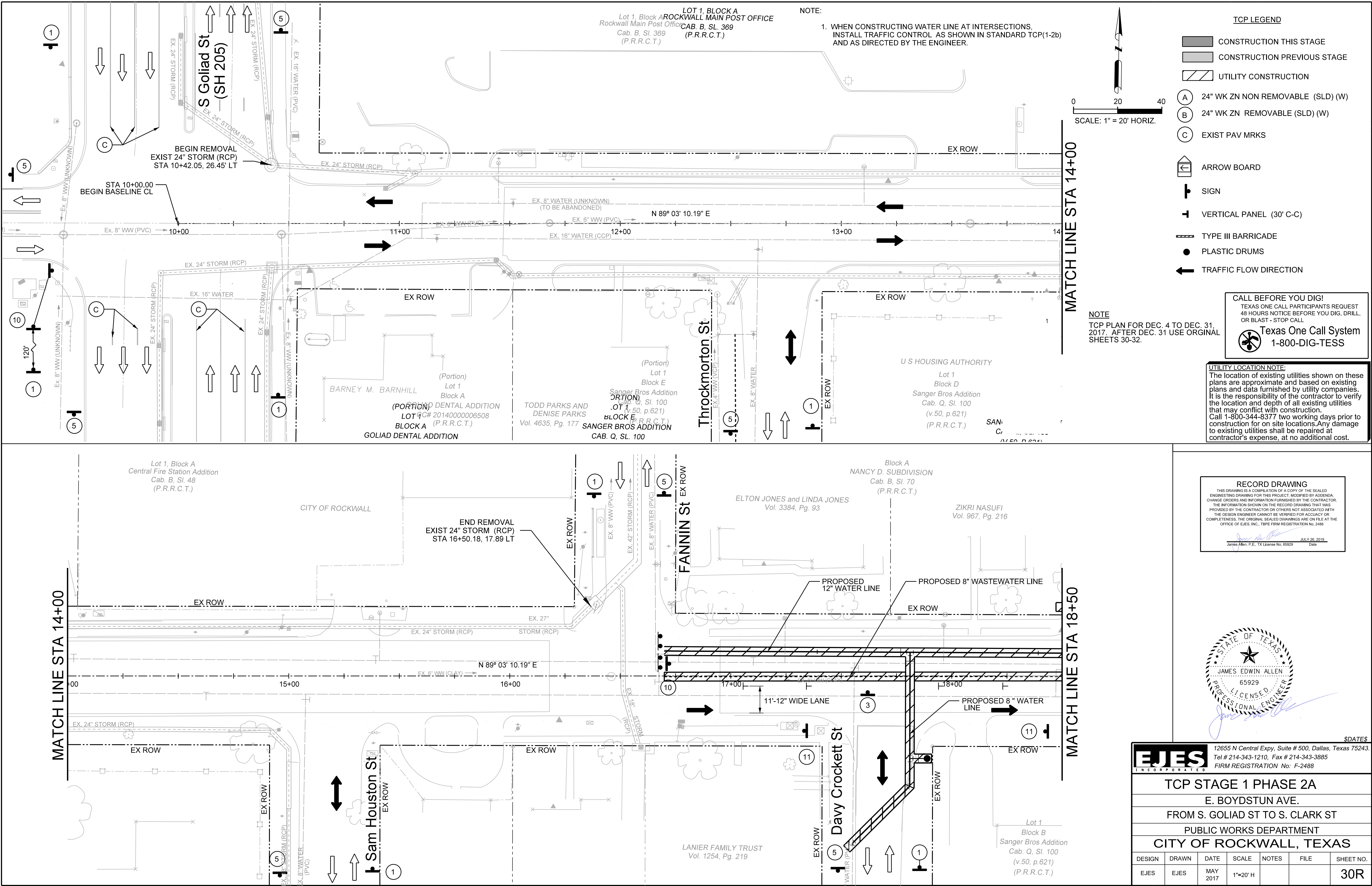
BENCHMARKS

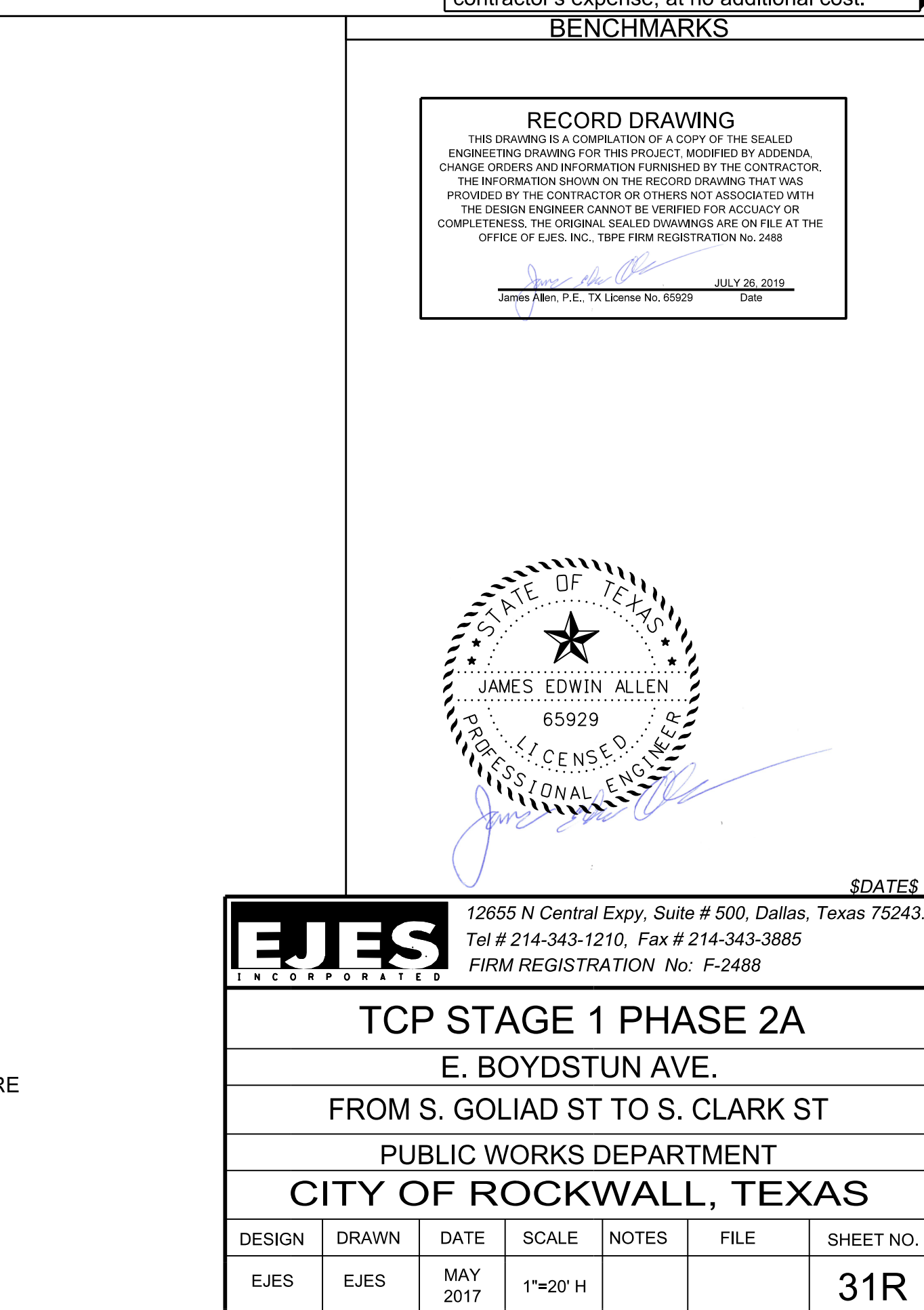
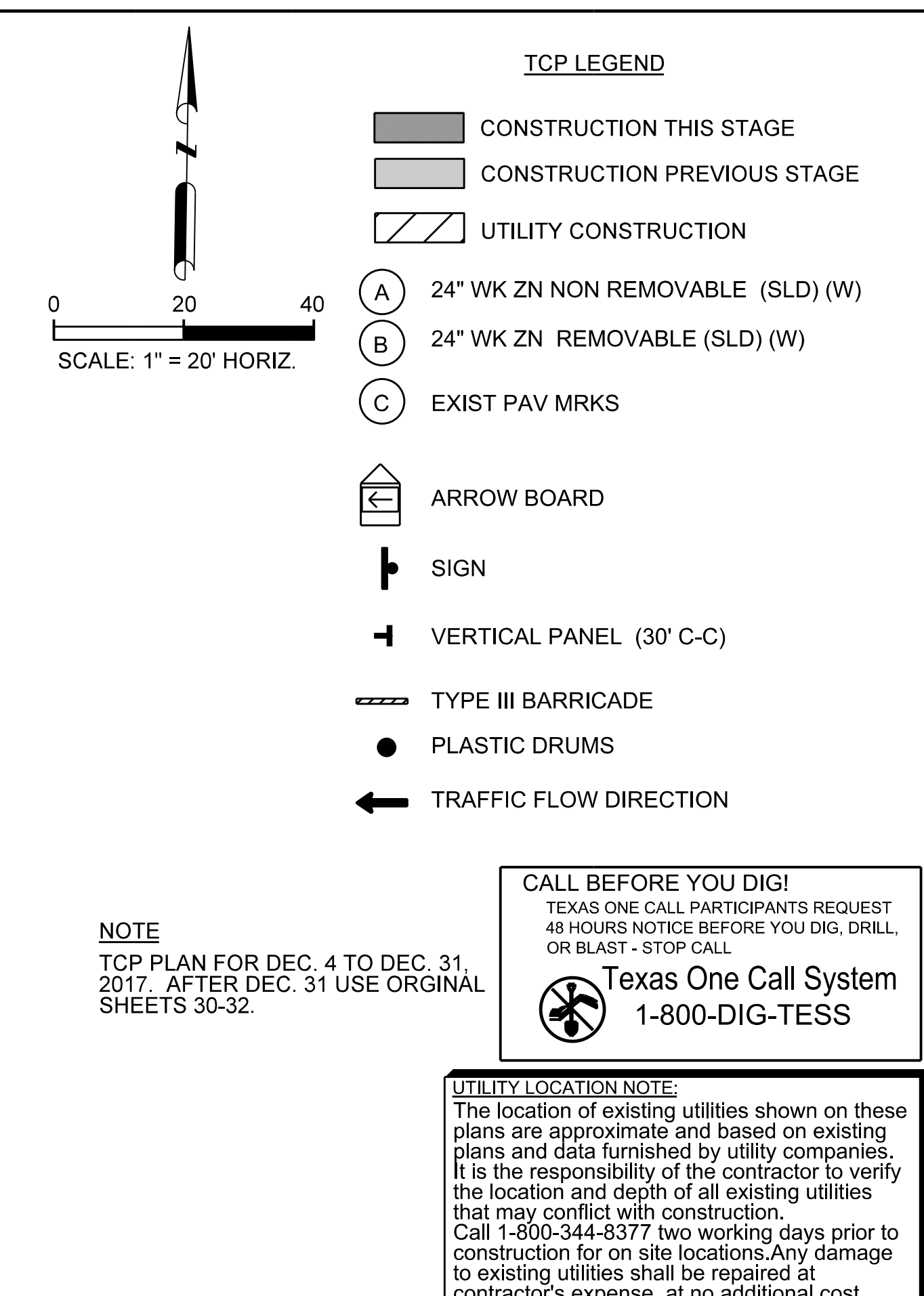
RECORD DRAWING
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James Allen, P.E. JULY 28, 2019
James Allen, P.E., TX License No. 65929 Date



\$DATES

EJES INCORPORATED						
12655 N Central Expy, Suite # 500, Dallas, Texas 75243. Tel # 214-343-1210, Fax # 214-343-3885 FIRM REGISTRATION No: F-2488						
TCP STAGE 1 PHASE 1						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H			29





DRAINAGE EASEMENT
INSTRUMENT No. 20170000012000

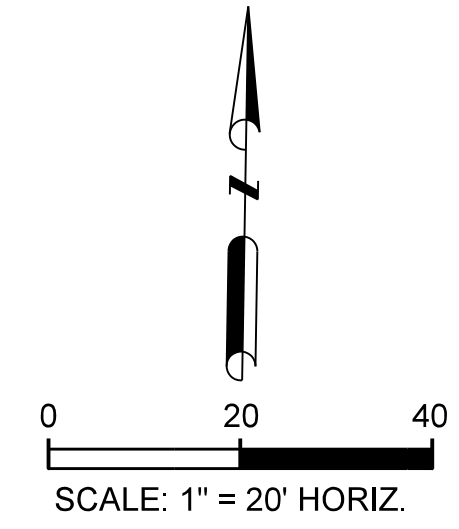
S. CLARK ST.

MATCH LINE STA 27+50

E. BOYDSTUN AVE

NOTE:

1. WHEN CONSTRUCTING WATER LINE AT INTERSECTIONS, INSTALL TRAFFIC CONTROL AS SHOWN IN STANDARD TCP(1-2b) AND AS DIRECTED BY THE ENGINEER.



TCP LEGEND

- CONSTRUCTION THIS STAGE
- CONSTRUCTION PREVIOUS STAGE
- UTILITY CONSTRUCTION
- (A) 24" WK ZN NON REMOVABLE (SLD) (W)
- (B) 24" WK ZN REMOVABLE (SLD) (W)
- (C) EXIST PAV MRKS
- ARROW BOARD
- SIGN
- VERTICAL PANEL (30' C-C)
- TYPE III BARRICADE
- PLASTIC DRUMS
- TRAFFIC FLOW DIRECTION

NOTE
TCP PLAN FOR DEC. 4 TO DEC. 31,
2017. AFTER DEC. 31 USE ORIGINAL
SHEETS 30-32.

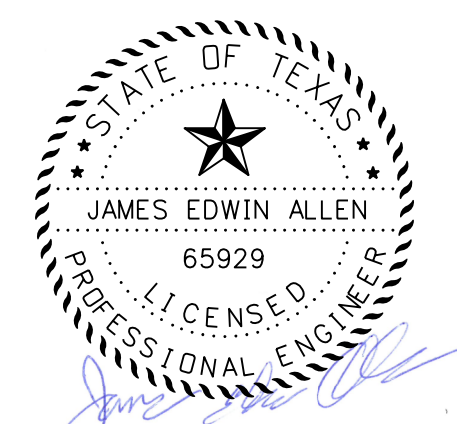
CALL BEFORE YOU DIG!
TEXAS ONE CALL PARTICIPANTS REQUEST
48 HOURS NOTICE BEFORE YOU DIG, DRILL,
OR BLAST - STOP CALL

Texas One Call System
1-800-DIG-TESS

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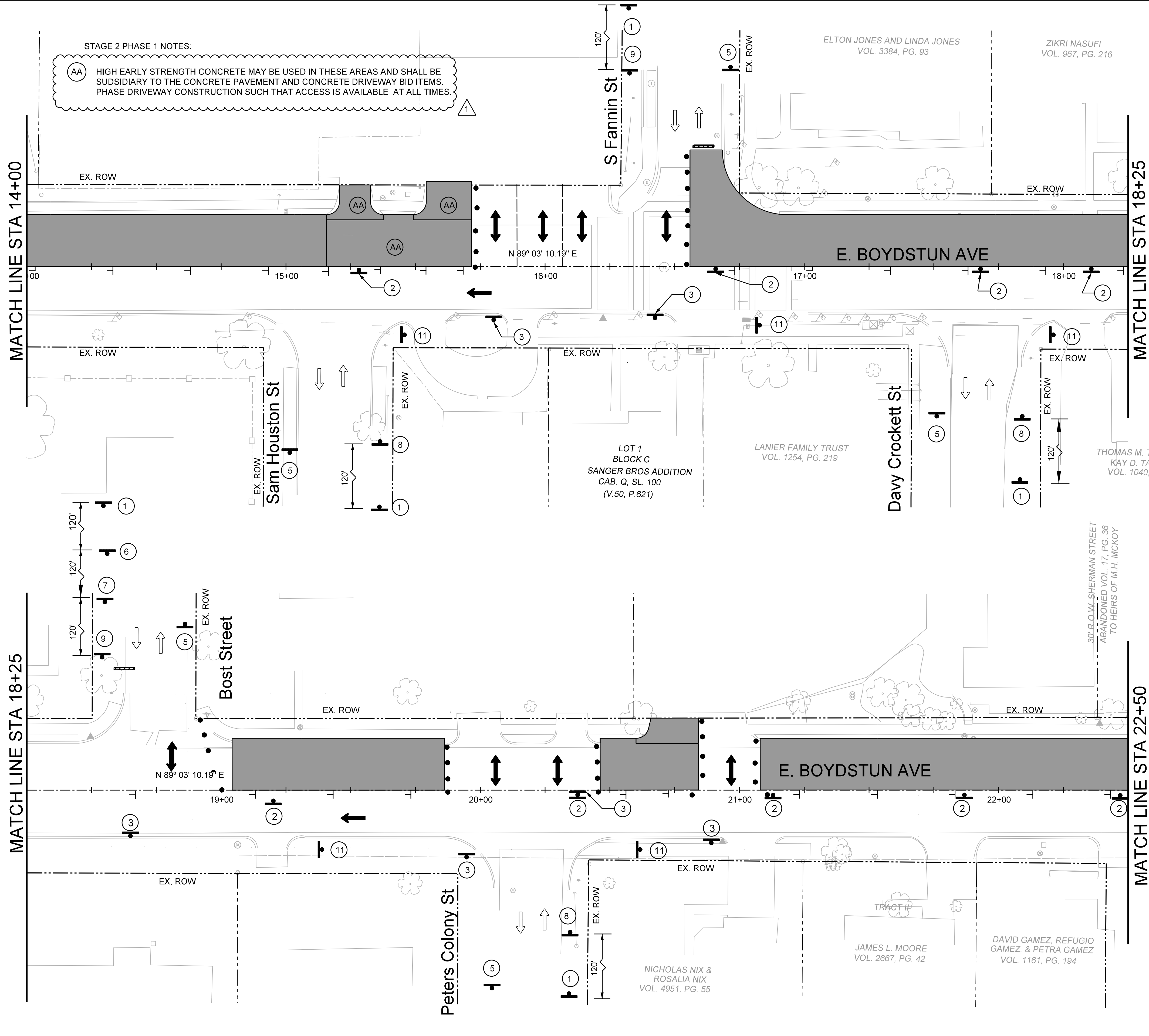
JULY 26, 2019
James Allen, P.E., TX License No. 65929 Date



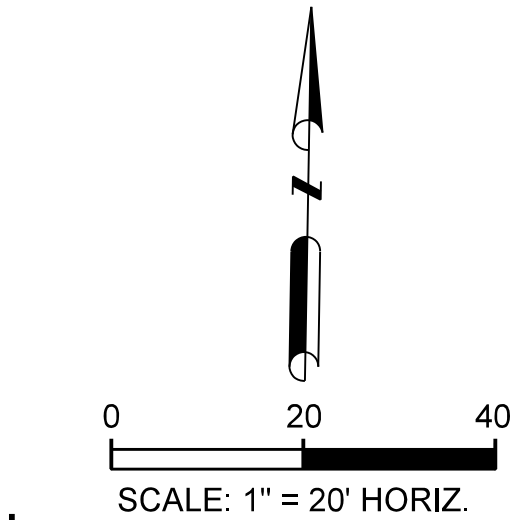
EJES INCORPORATED
12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

TCP STAGE 1 PHASE 2A
E. BOYDSTUN AVE.
FROM S. GOLIAD ST TO S. CLARK ST
PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H			32R



MATCH LINE STA 22+50



TCP LEGEND

- CONSTRUCTION THIS STAGE
- CONSTRUCTION PREVIOUS STAGE
- UTILITY CONSTRUCTION
- (A) 24" WK ZN NON REMOVABLE (SLD) (W)
- (B) 24" WK ZN REMOVABLE (SLD) (W)
- (C) EXIST PAV MRKS
- ARROW BOARD
- SIGN
- VERTICAL PANEL (30' C-C)
- TYPE III BARRICADE
- PLASTIC DRUMS
- TRAFFIC FLOW DIRECTION

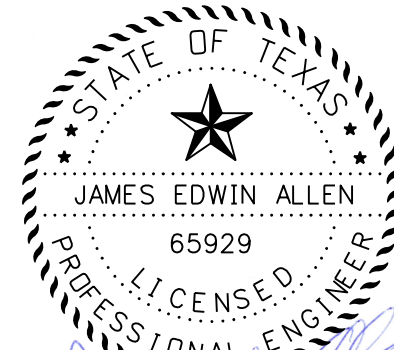
CALL BEFORE YOU DIG!
TEXAS ONE CALL PARTICIPANTS REQUEST
48 HOURS NOTICE BEFORE YOU DIG, DRILL,
OR BLAST - STOP CALL
Texas One Call System
1-800-DIG-TESS

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- 4. N 7026371.130 E 2595879.811 ELEV= 555.166 60DST
- 5. N 7026321.620 E 2596327.520 ELEV= 534.835 60DST

RECORD DRAWING
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James Allen, P.E., TX License No. 65929 Date: JULY 26, 2019



\$DATES

EJES INCORPORATED
12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

TCP STAGE 2 PHASE 1

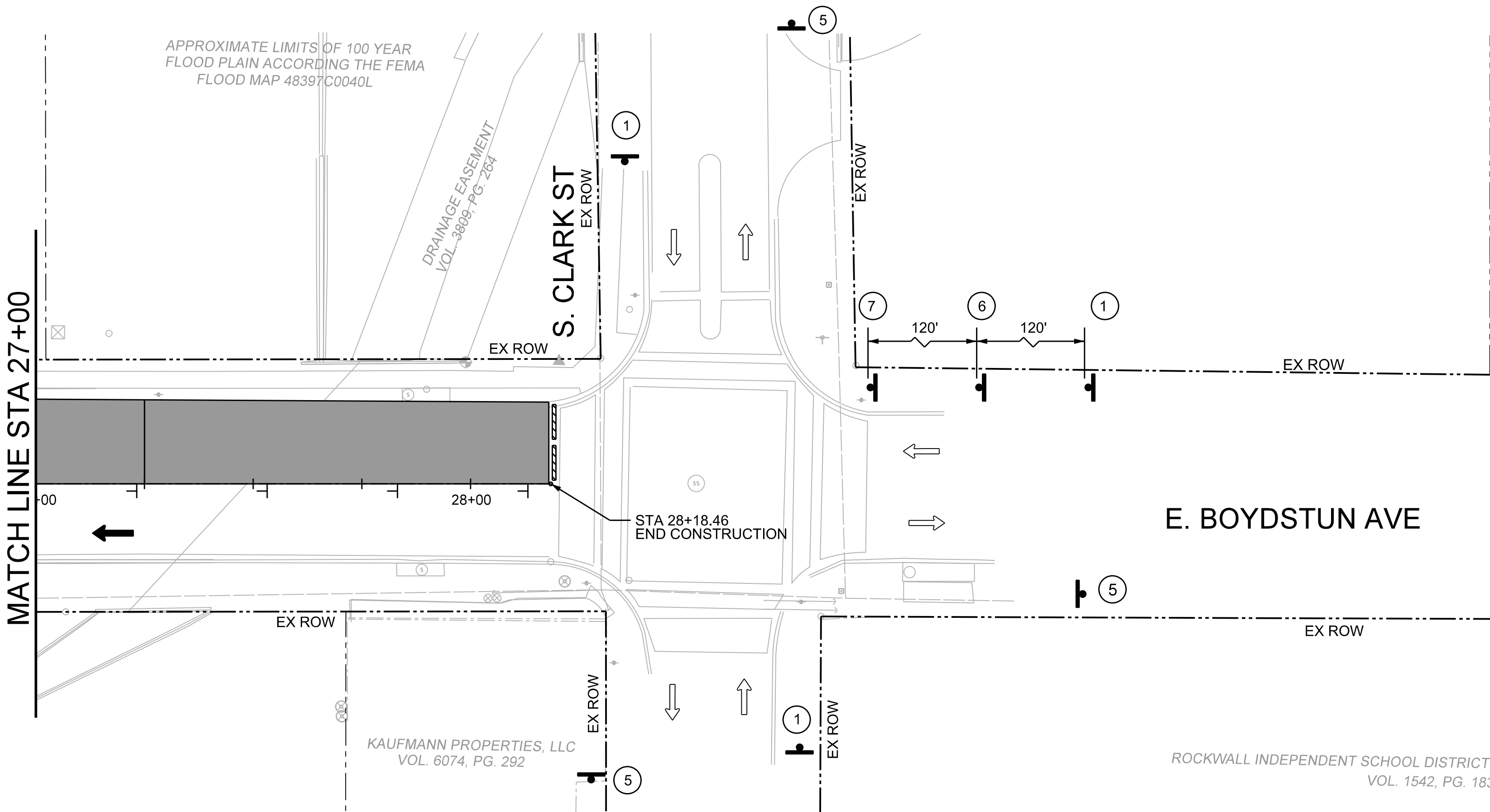
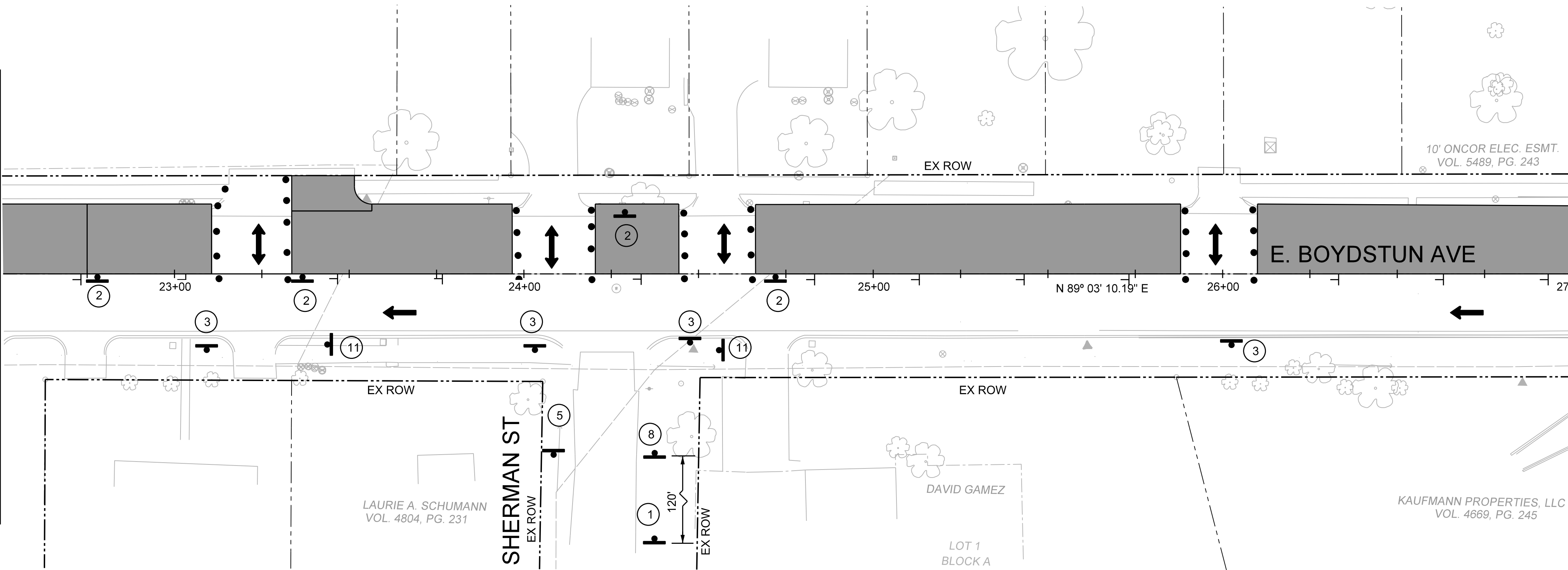
E. BOYDSTUN AVE.

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

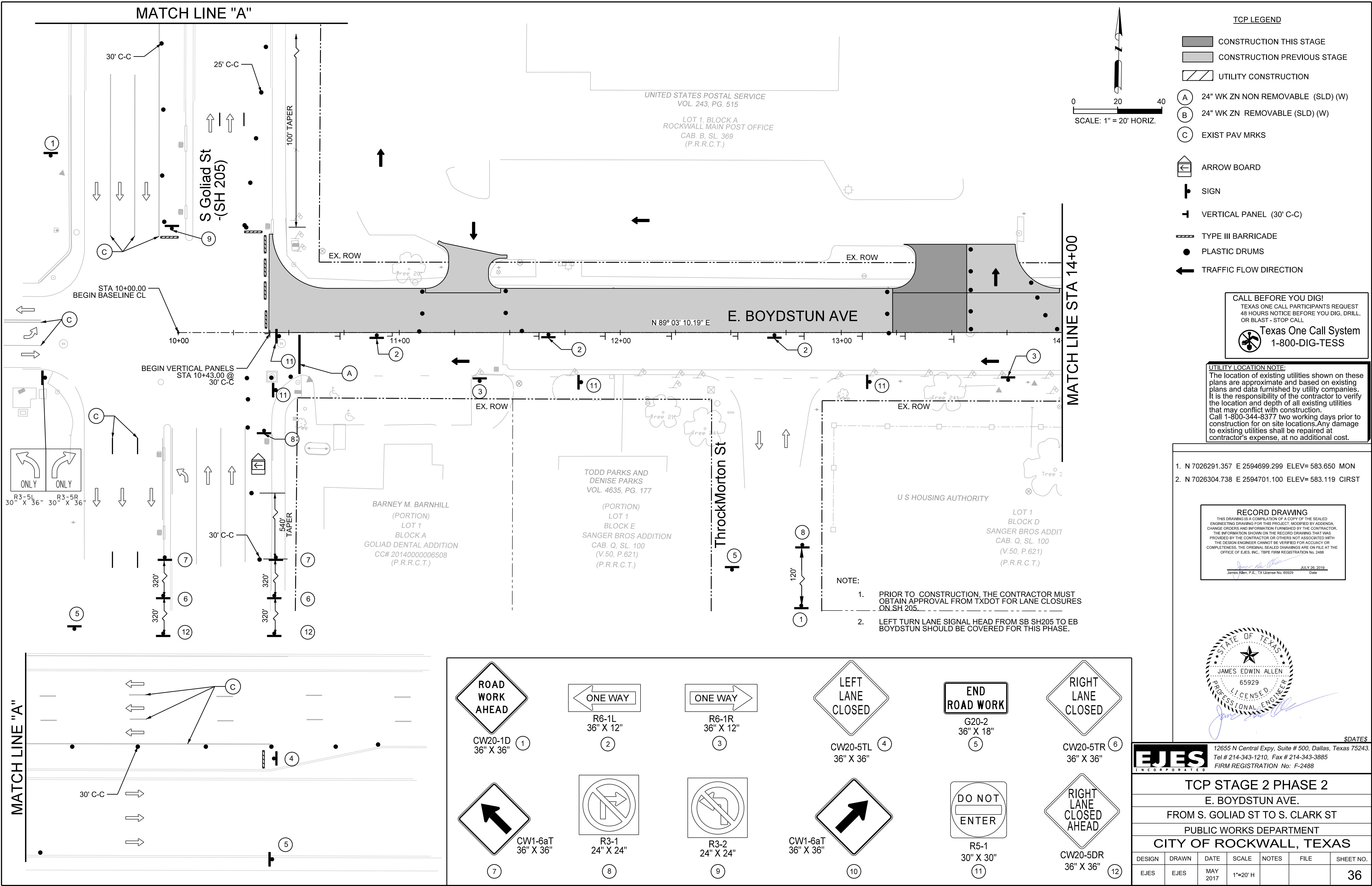
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H			35



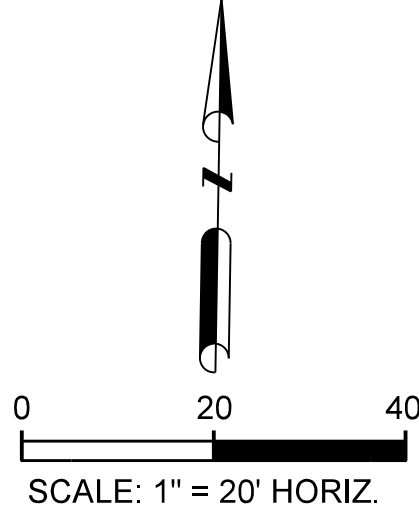
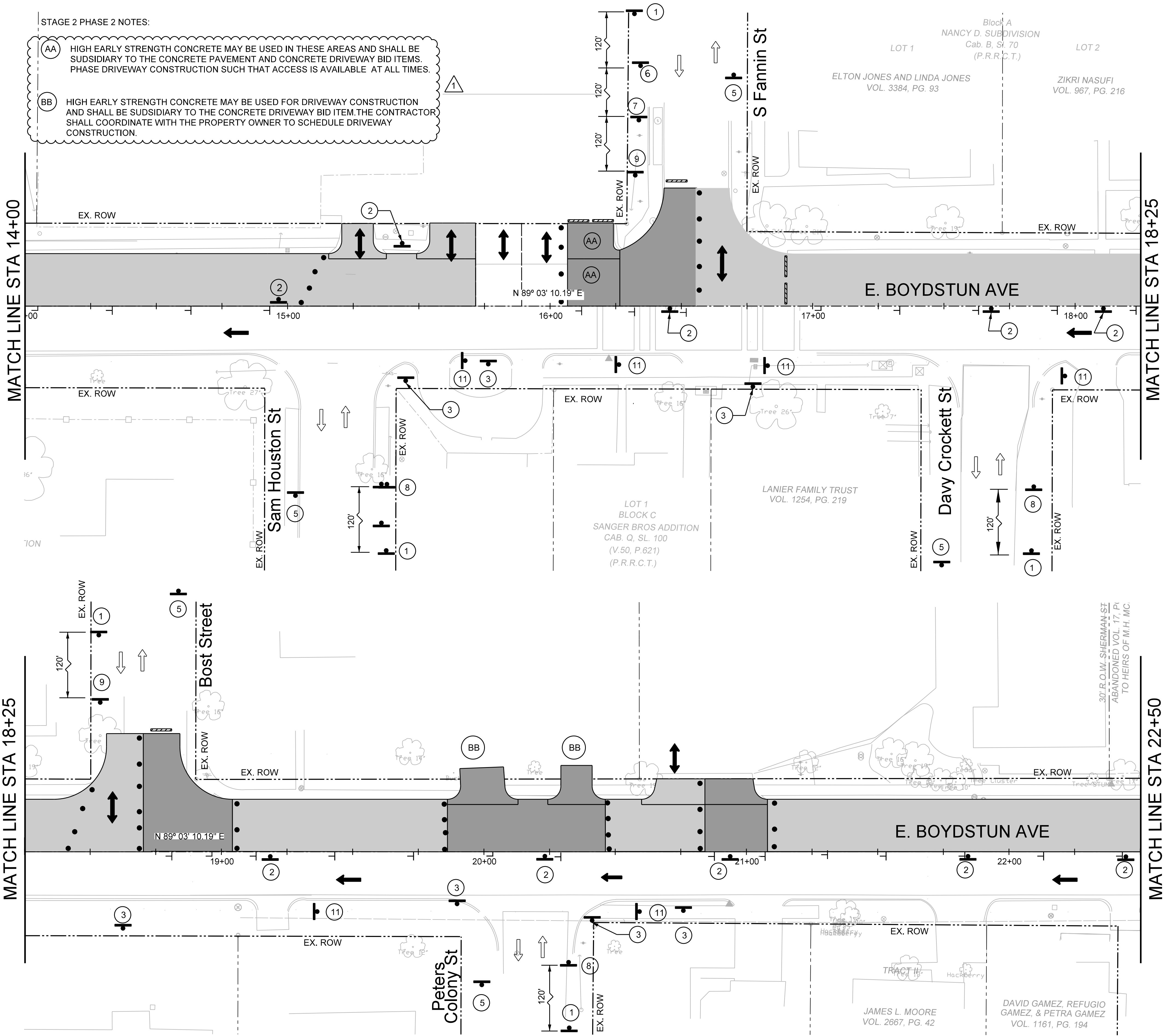
E. BOYDSTUN AVE

ROCKWALL INDEPENDENT SCHOOL DISTRICT PUBLIC FACILITY CORPORATION
VOL. 1542, PG. 183



STAGE 2 PHASE 2 NOTES:

- (AA) HIGH EARLY STRENGTH CONCRETE MAY BE USED IN THESE AREAS AND SHALL BE SUBSIDIARY TO THE CONCRETE PAVEMENT AND CONCRETE DRIVEWAY BID ITEMS. PHASE DRIVEWAY CONSTRUCTION SUCH THAT ACCESS IS AVAILABLE AT ALL TIMES.
- (BB) HIGH EARLY STRENGTH CONCRETE MAY BE USED FOR DRIVEWAY CONSTRUCTION AND SHALL BE SUBSIDIARY TO THE CONCRETE DRIVEWAY BID ITEM. THE CONTRACTOR SHALL COORDINATE WITH THE PROPERTY OWNER TO SCHEDULE DRIVEWAY CONSTRUCTION.



TCP LEGEND

- CONSTRUCTION THIS STAGE
- CONSTRUCTION PREVIOUS STAGE
- UTILITY CONSTRUCTION
- (A) 24" WK ZN NON REMOVABLE (SLD) (W)
- (B) 24" WK ZN REMOVABLE (SLD) (W)
- (C) EXIST PAV MRKS
- ARROW BOARD
- SIGN
- VERTICAL PANEL (30' C-C)
- TYPE III BARRICADE
- PLASTIC DRUMS
- TRAFFIC FLOW DIRECTION

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TEXAS ONE CALL PARTICIPANTS REQUEST
48 HOURS NOTICE BEFORE YOU DIG, DRILL,
OR BLAST - STOP CALL

Texas One Call System
1-800-DIG-TESS

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- 2. N 7026304.738 E 2594701.100 ELEV= 583.119 CIRST
- 3. N 7026315.130 E 2595264.068 ELEV= 571.525 CIRST
- 4. N 7026371.130 E 2595879.811 ELEV= 555.166 60DST

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James Allen, P.E., TX License No. 65929 Date: JULY 26, 2019

1 ADDENDUM 1: 9-22-2017

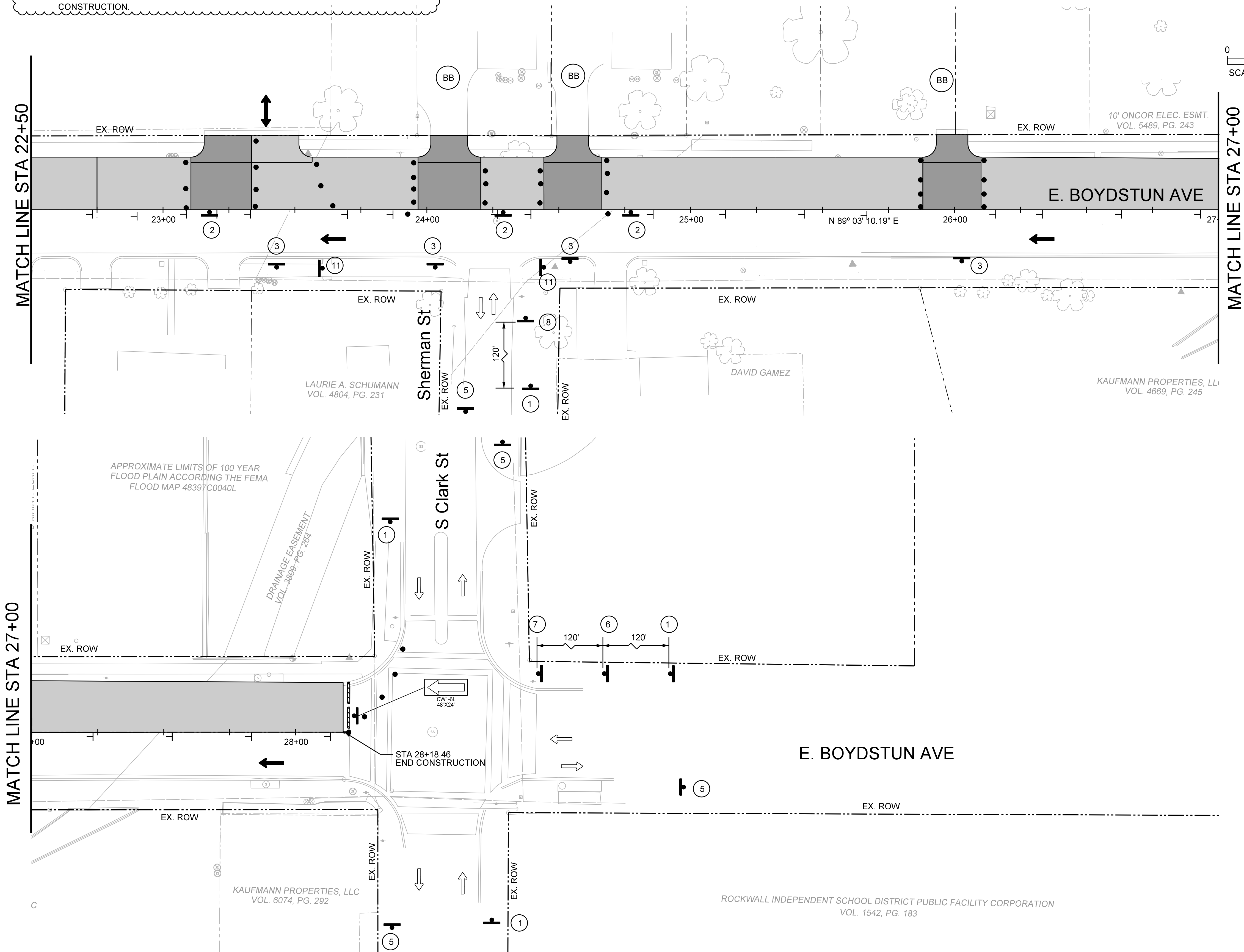


EJES INCORPORATED
12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

TCP STAGE 2 PHASE 2						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H			37

STAGE 2 PHASE 2 NOTES:

(BB) HIGH EARLY STRENGTH CONCRETE MAY BE USED FOR DRIVEWAY CONSTRUCTION AND SHALL BE SUDDIARY TO THE CONCRETE DRIVEWAY BID ITEM.THE CONTRACTOR SHALL COORDINATE WITH THE PROPERTY OWNER TO SCHEDULE DRIVEWAY CONSTRUCTION.



TCP LEGEND

- CONSTRUCTION THIS STAGE
- CONSTRUCTION PREVIOUS STAGE
- UTILITY CONSTRUCTION
- (A) 24" WK ZN NON REMOVABLE (SLD) (W)
- (B) 24" WK ZN REMOVABLE (SLD) (W)
- (C) EXIST PAV MRKS
- ARROW BOARD
- SIGN
- VERTICAL PANEL (30' C-C)
- TYPE III BARRICADE
- PLASTIC DRUMS
- TRAFFIC FLOW DIRECTION

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BENCHMARKS

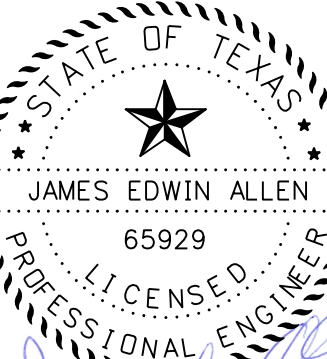
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JAMES ALLEN, P.E., TX License No. 65929 Date

ADDENDUM 1: 9-22-2017



EJES INCORPORATED 12655 N Central Expy, Suite # 500, Dallas, Texas 75243. Tel # 214-343-1210, Fax # 214-343-3885 FIRM REGISTRATION No: F-2488

TCP STAGE 2 PHASE 2

E. BOYDSTUN AVE.

FROM S. GOLIAD ST TO S. CLARK ST

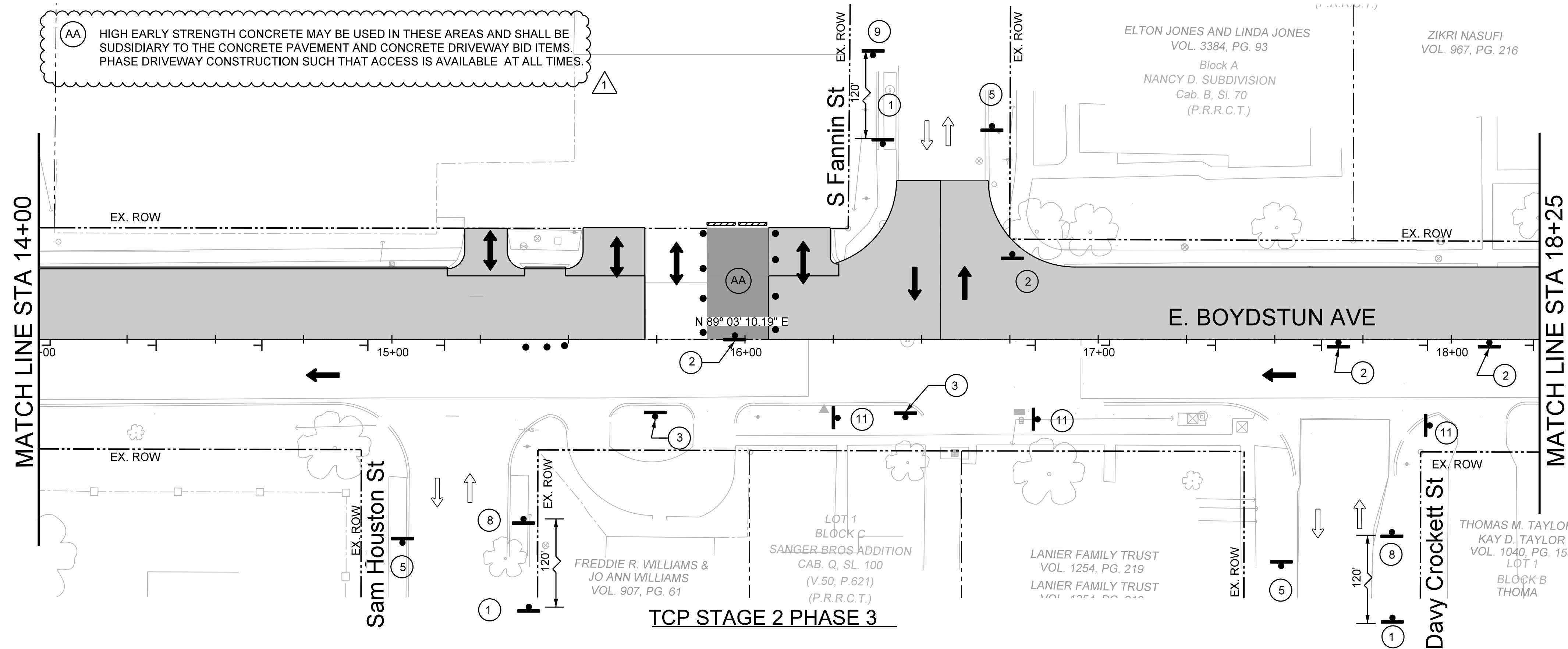
PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H			38

STAGE 2 PHASES 3 & 4 NOTES:

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TCP LEGEND

- CONSTRUCTION THIS STAGE
- CONSTRUCTION PREVIOUS STAGE
- UTILITY CONSTRUCTION
- (A) 24" WK ZN NON REMOVABLE (SLD) (W)
- (B) 24" WK ZN REMOVABLE (SLD) (W)
- (C) EXIST PAV MRKS
- ARROW BOARD
- SIGN
- VERTICAL PANEL (30' C-C)
- TYPE III BARRICADE
- PLASTIC DRUMS
- TRAFFIC FLOW DIRECTION

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OR BLAST - STOP CALL
Texas One Call System
1-800-DIG-TESS

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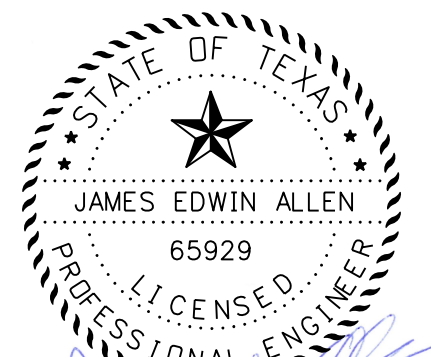
- 2. N 7026304.738 E 2594701.100 ELEV= 583.119 CIRST
- 3. N 7026315.130 E 2595264.068 ELEV= 571.525 CIRST

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JAMES EDWIN ALLEN
65929
DATE

ADDENDUM 1: 9-22-2017



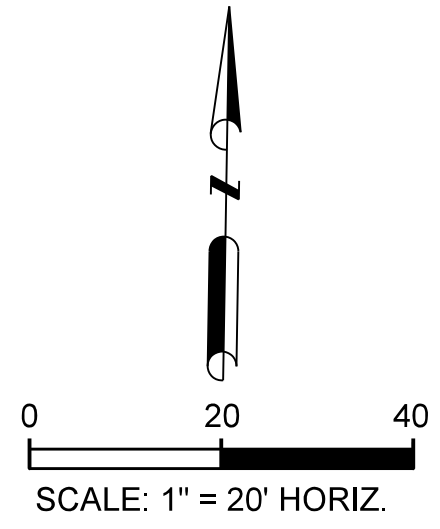
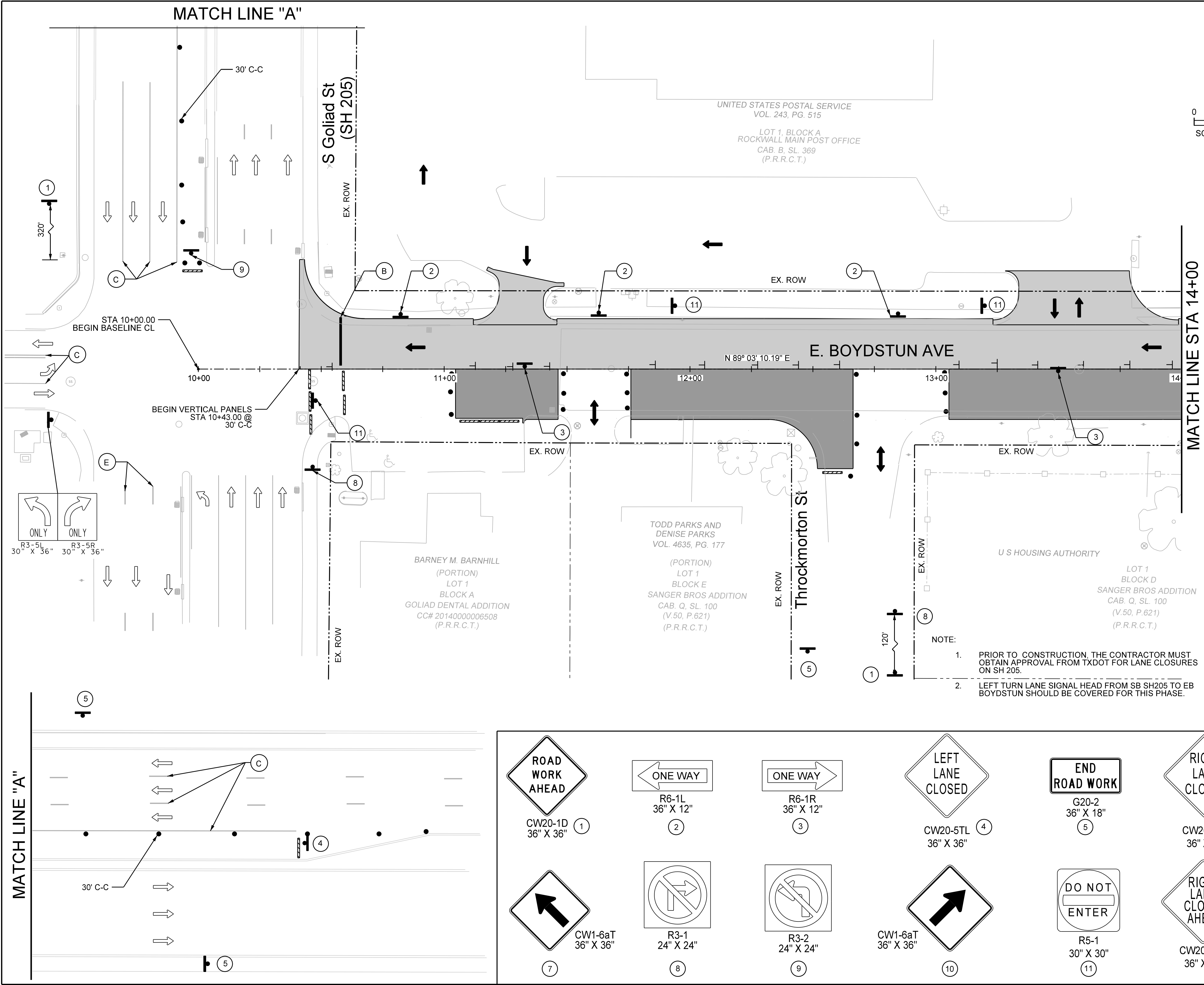
EJES INCORPORATED
12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

TCP STAGE 2 PHASES 3 & 4
E. BOYDSTUN AVE.

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H			39



- TCP LEGEND**
- CONSTRUCTION THIS STAGE
 - CONSTRUCTION PREVIOUS STAGE
 - UTILITY CONSTRUCTION
 - (A) 24" WK ZN NON REMOVABLE (SLD) (W)
 - (B) 24" WK ZN REMOVABLE (SLD) (W)
 - (C) EXIST PAV MRKS
 - ARROW BOARD
 - SIGN
 - VERTICAL PANEL (30' C-C)
 - TYPE III BARRICADE
 - PLASTIC DRUMS
 - TRAFFIC FLOW DIRECTION

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48 HOURS NOTICE BEFORE YOU DIG, DRILL,
OR BLAST - STOP CALL

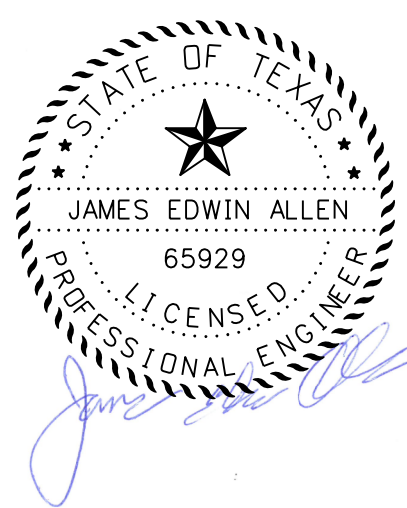
Texas One Call System
1-800-DIG-TESS

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- N 7026291.357 E 2594699.299 ELEV= 583.650 MON
- N 7026304.738 E 2594701.100 ELEV= 583.119 CIRST

RECORD DRAWING
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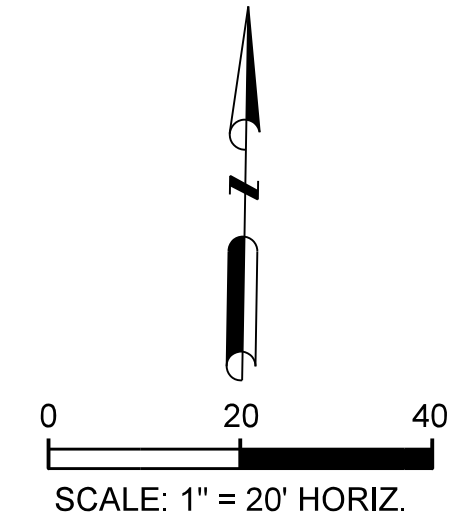
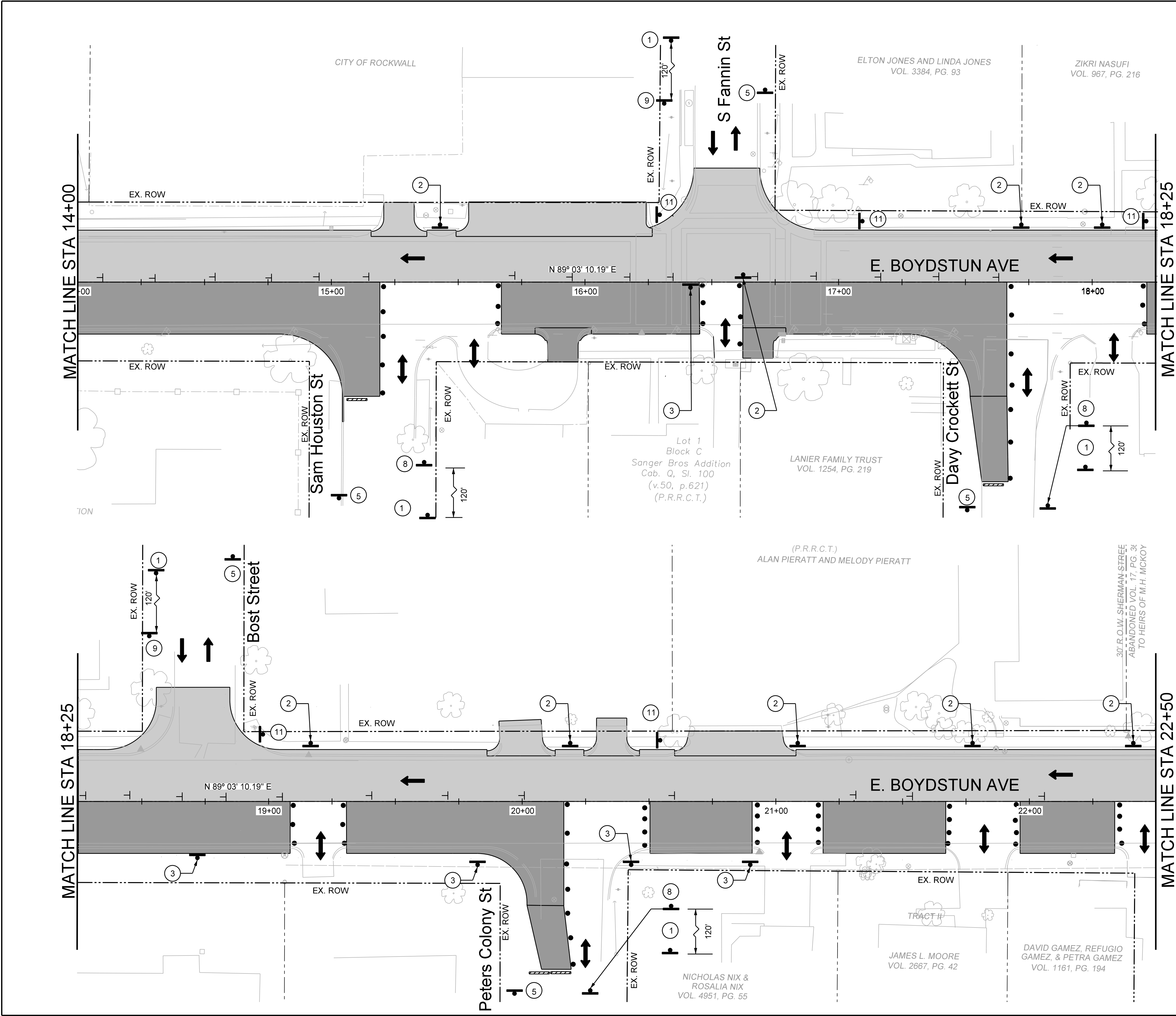
James Allen, P.E., TX License No. 65929 Date



EJES INCORPORATED 12655 N Central Expy, Suite # 500, Dallas, Texas 75243. Tel # 214-343-1210, Fax # 214-343-3885 FIRM REGISTRATION No: F-2488


TCP STAGE 3 PHASE 1
E. BOYDSTUN AVE.
FROM S. GOLIAD ST TO S. CLARK ST
PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H			40



- TCP LEGEND**
- CONSTRUCTION THIS STAGE
 - CONSTRUCTION PREVIOUS STAGE
 - UTILITY CONSTRUCTION
 - (A) 24" WK ZN NON REMOVABLE (SLD) (W)
 - (B) 24" WK ZN REMOVABLE (SLD) (W)
 - (C) EXIST PAV MRKS
 - ARROW BOARD
 - SIGN
 - VERTICAL PANEL (30' C-C)
 - TYPE III BARRICADE
 - PLASTIC DRUMS
 - TRAFFIC FLOW DIRECTION

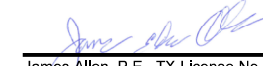
CALL BEFORE YOU DIG!
TEXAS ONE CALL PARTICIPANTS REQUEST
48 HOURS NOTICE BEFORE YOU DIG, DRILL,
OR BLAST - STOP CALL

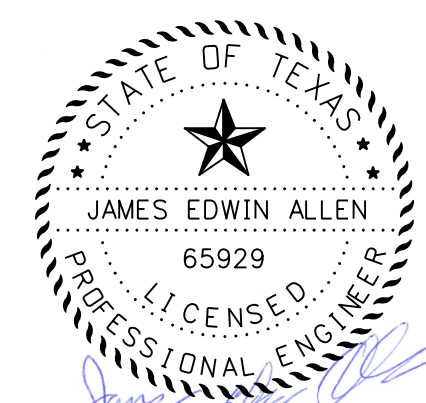
 **Texas One Call System**
1-800-DIG-TESS


UTILITY LOCATION NOTE:
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- 2. N 7026304.738 E 2594701.100 ELEV= 583.119 CIRST
- 3. N 7026315.130 E 2595264.068 ELEV= 571.525 CIRST

RECORD DRAWING
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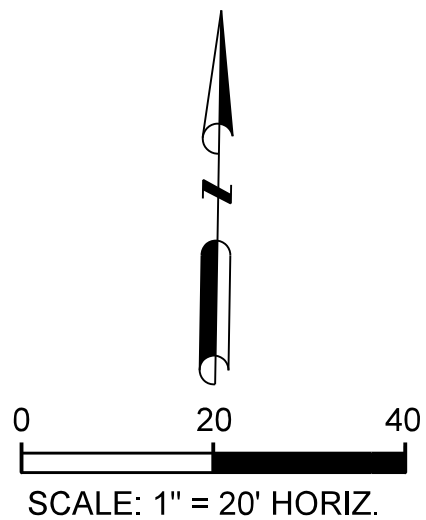
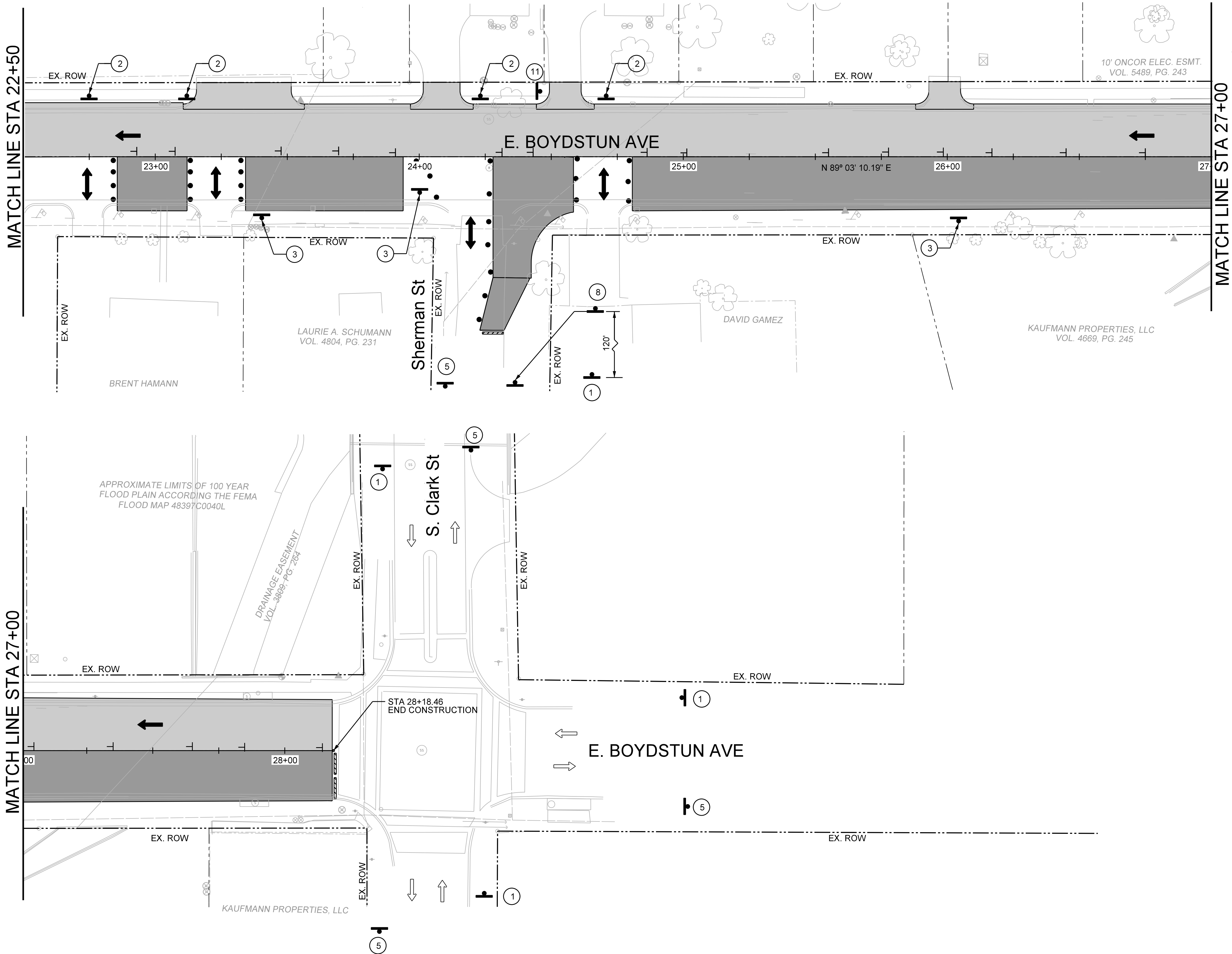
 **James Allen, P.E.** TX License No. 65929
JULY 26, 2019
Date





12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

TCP STAGE 3 PHASE 1						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H			41



TCP LEGEND

- CONSTRUCTION THIS STAGE
- CONSTRUCTION PREVIOUS STAGE
- UTILITY CONSTRUCTION
- (A) 24" WK ZN NON REMOVABLE (SLD) (W)
- (B) 24" WK ZN REMOVABLE (SLD) (W)
- (C) EXIST PAV MRKS
- ARROW BOARD
- SIGN
- VERTICAL PANEL (30' C-C)
- TYPE III BARRICADE
- PLASTIC DRUMS
- TRAFFIC FLOW DIRECTION

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TEXAS ONE CALL PARTICIPANTS REQUEST
48 HOURS NOTICE BEFORE YOU DIG, DRILL,
OR BLAST - STOP CALL

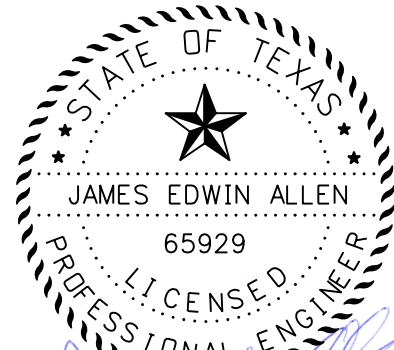
Texas One Call System
1-800-DIG-TESS

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- 4. N 7026371.130 E 2595879.811 ELEV= 555.166 60DST
- 5. N 7026321.620 E 2596327.520 ELEV= 534.835 60DST

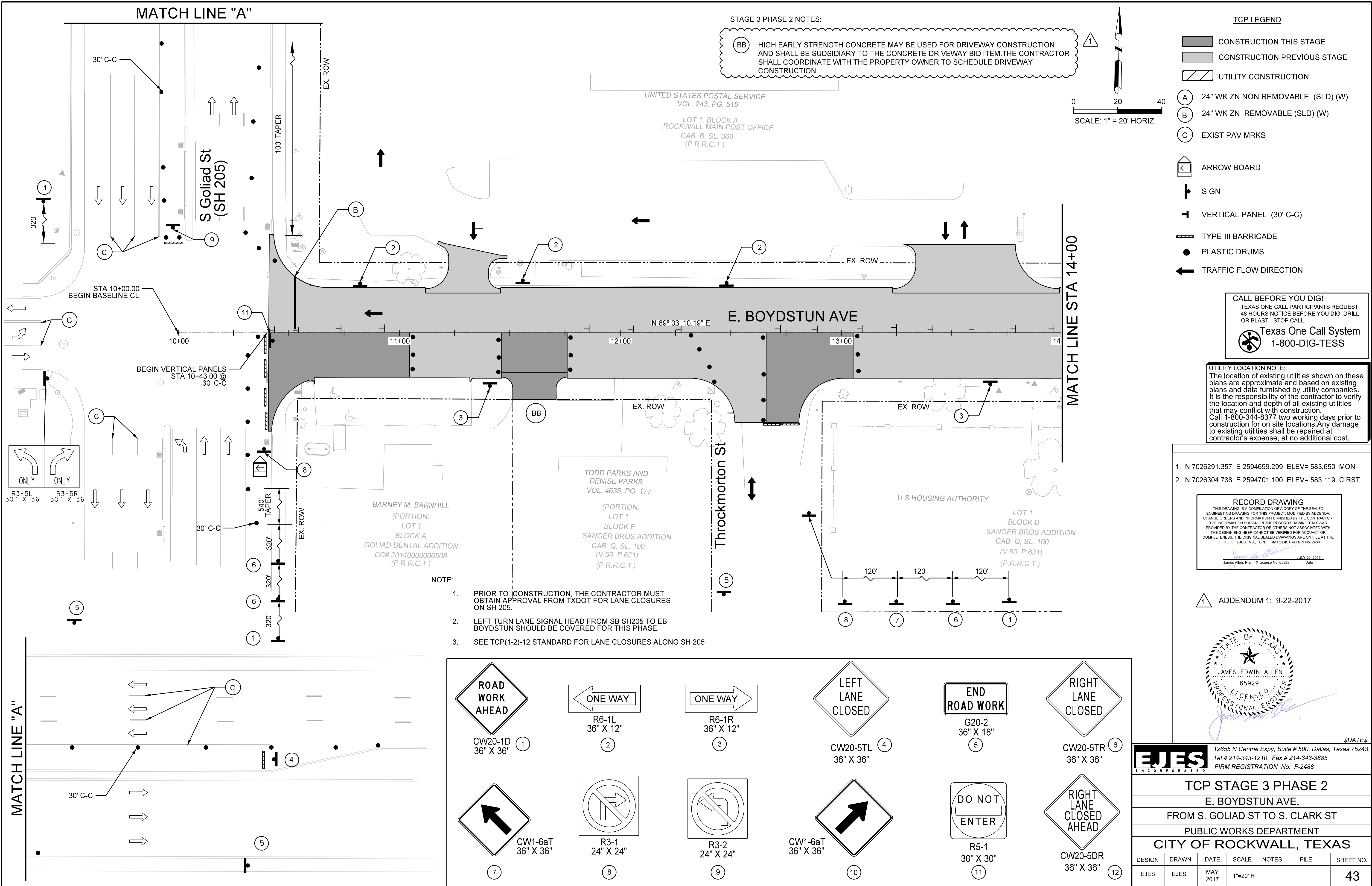
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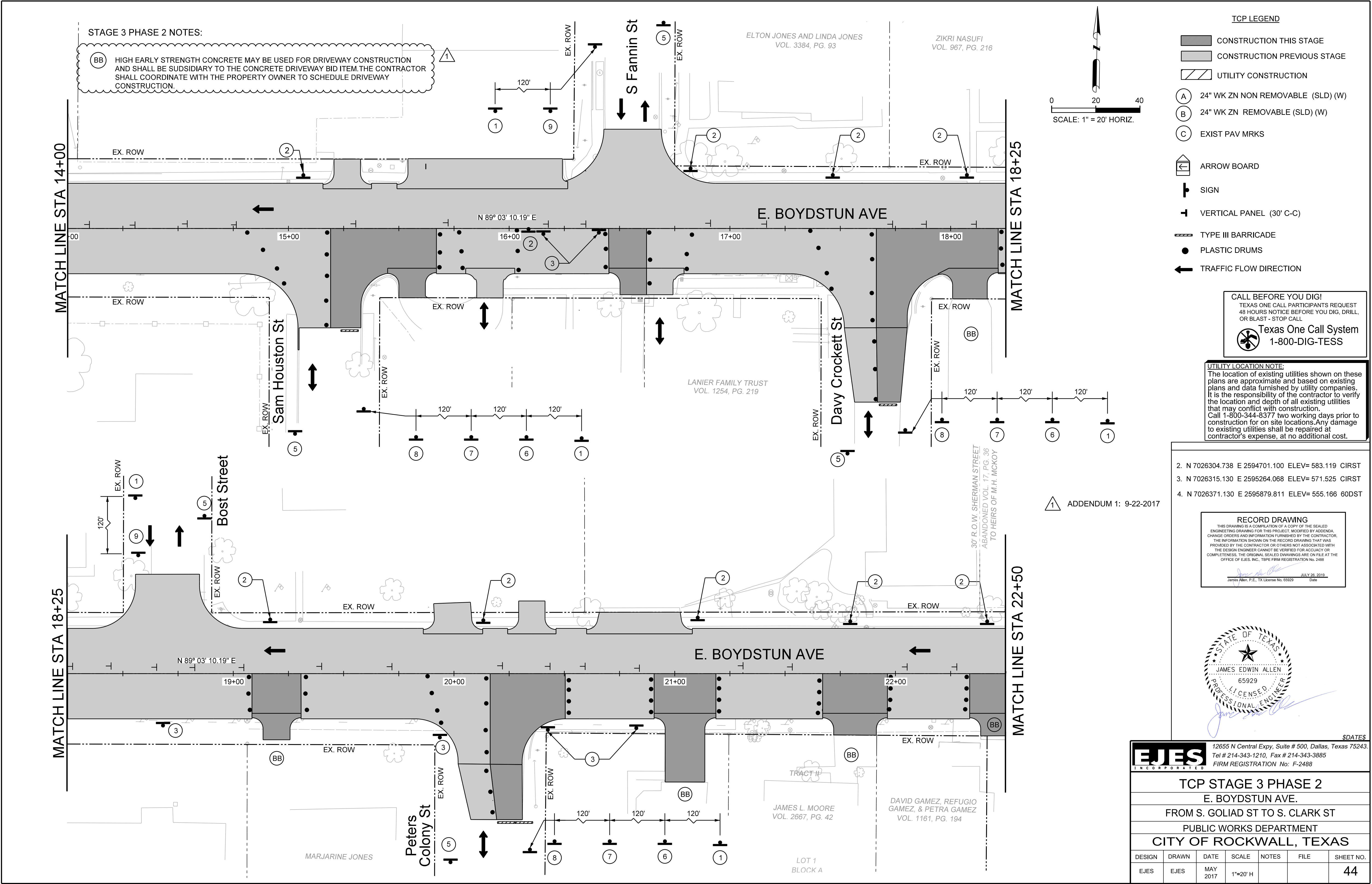
JULY 28, 2019
James Allen, P.E., TX License No. 65929 Date



EJES INCORPORATED
12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

TCP STAGE 3 PHASE 1						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H			42



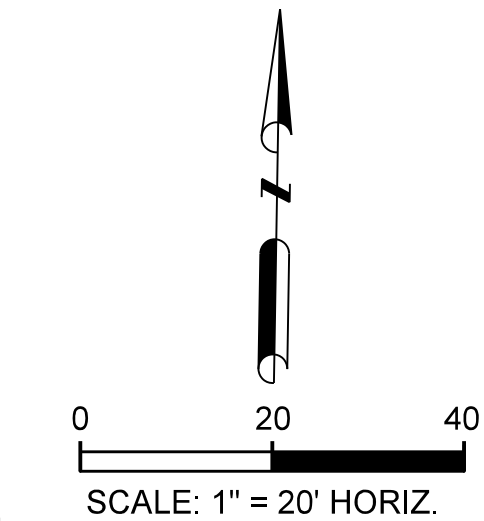


STAGE 3 PHASE 2 NOTES:

(BB) HIGH EARLY STRENGTH CONCRETE MAY BE USED FOR DRIVEWAY CONSTRUCTION AND SHALL BE SUBSIDIARY TO THE CONCRETE DRIVEWAY BID ITEM. THE CONTRACTOR SHALL COORDINATE WITH THE PROPERTY OWNER TO SCHEDULE DRIVEWAY CONSTRUCTION.

MATCH LINE STA 22+50

MATCH LINE STA 27+00



TCP LEGEND

- CONSTRUCTION THIS STAGE
- CONSTRUCTION PREVIOUS STAGE
- UTILITY CONSTRUCTION
- (A) 24" WK ZN NON REMOVABLE (SLD) (W)
- (B) 24" WK ZN REMOVABLE (SLD) (W)
- (C) EXIST PAV MRKS
- ARROW BOARD
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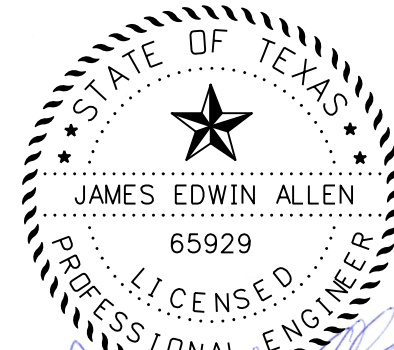
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1 ADDENDUM 1: 9-22-2017

- 4. N 7026371.130 E 2595879.811 ELEV= 555.166 60DST
- 5. N 7026321.620 E 2596327.520 ELEV= 534.835 60DST

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James Allen, P.E., TX License No. 65929 Date: JULY 26, 2019



EJES INCORPORATED
12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

TCP STAGE 3 PHASE 2

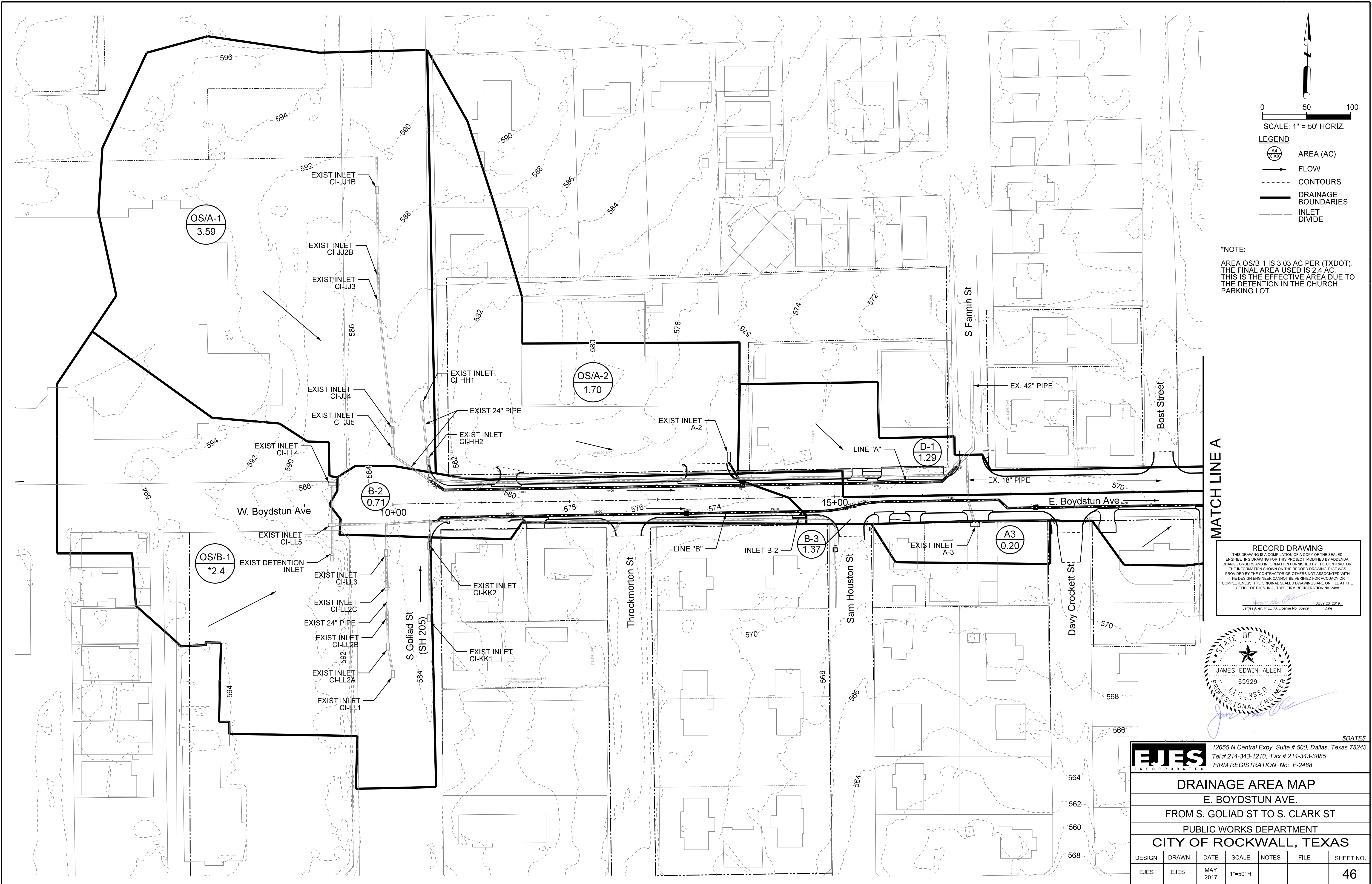
E. BOYDSTUN AVE.

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

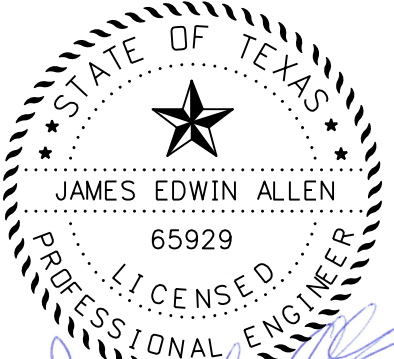
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H			45



*NOTE:
AREA OS/B-1 IS 3.03 AC PER (TXDOT).
THE FINAL AREA USED IS 2.4 AC.
THIS IS THE EFFECTIVE AREA DUE TO
THE DETENTION IN THE CHURCH
PARKING LOT.

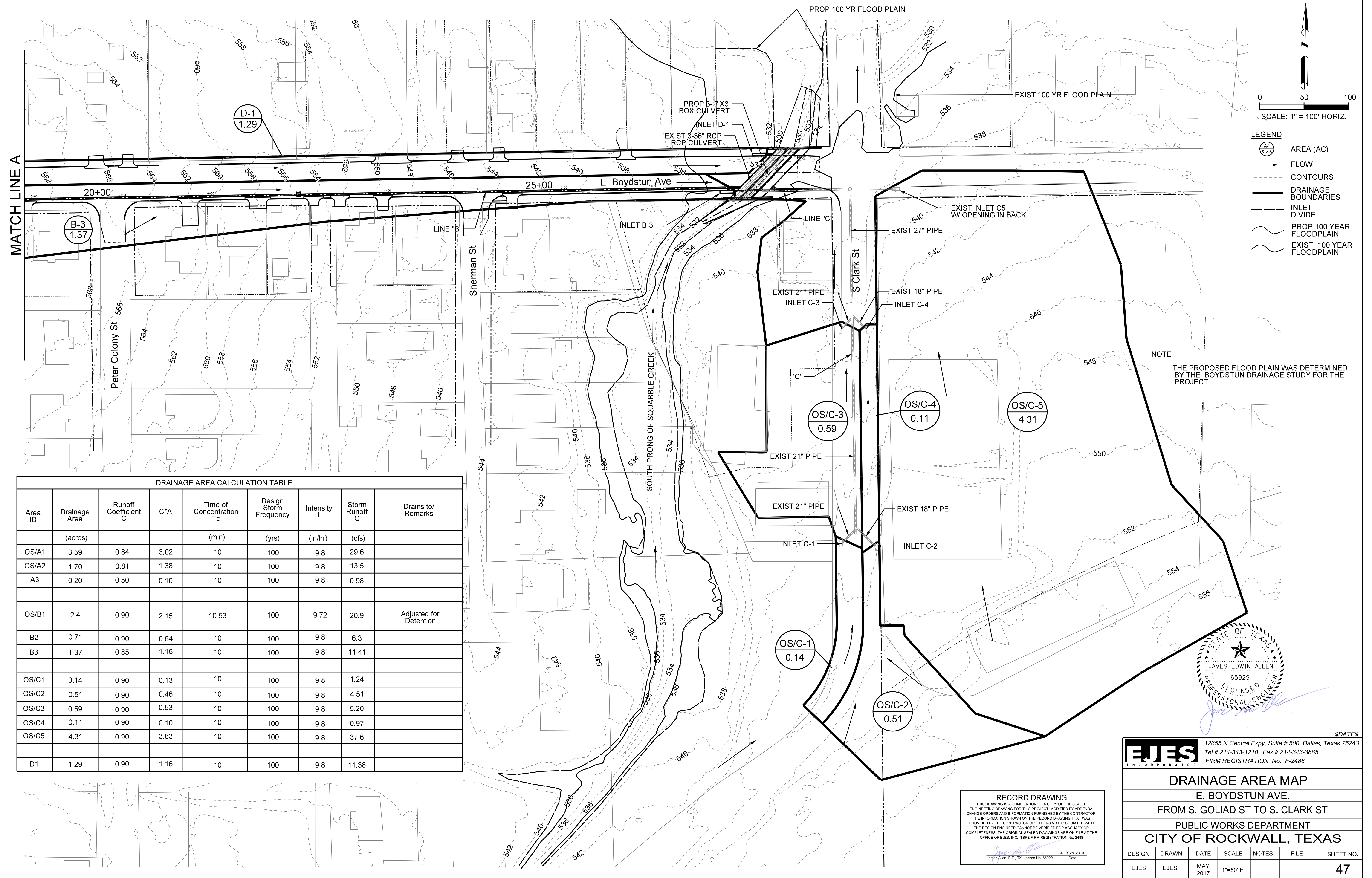
MATCH LINE A

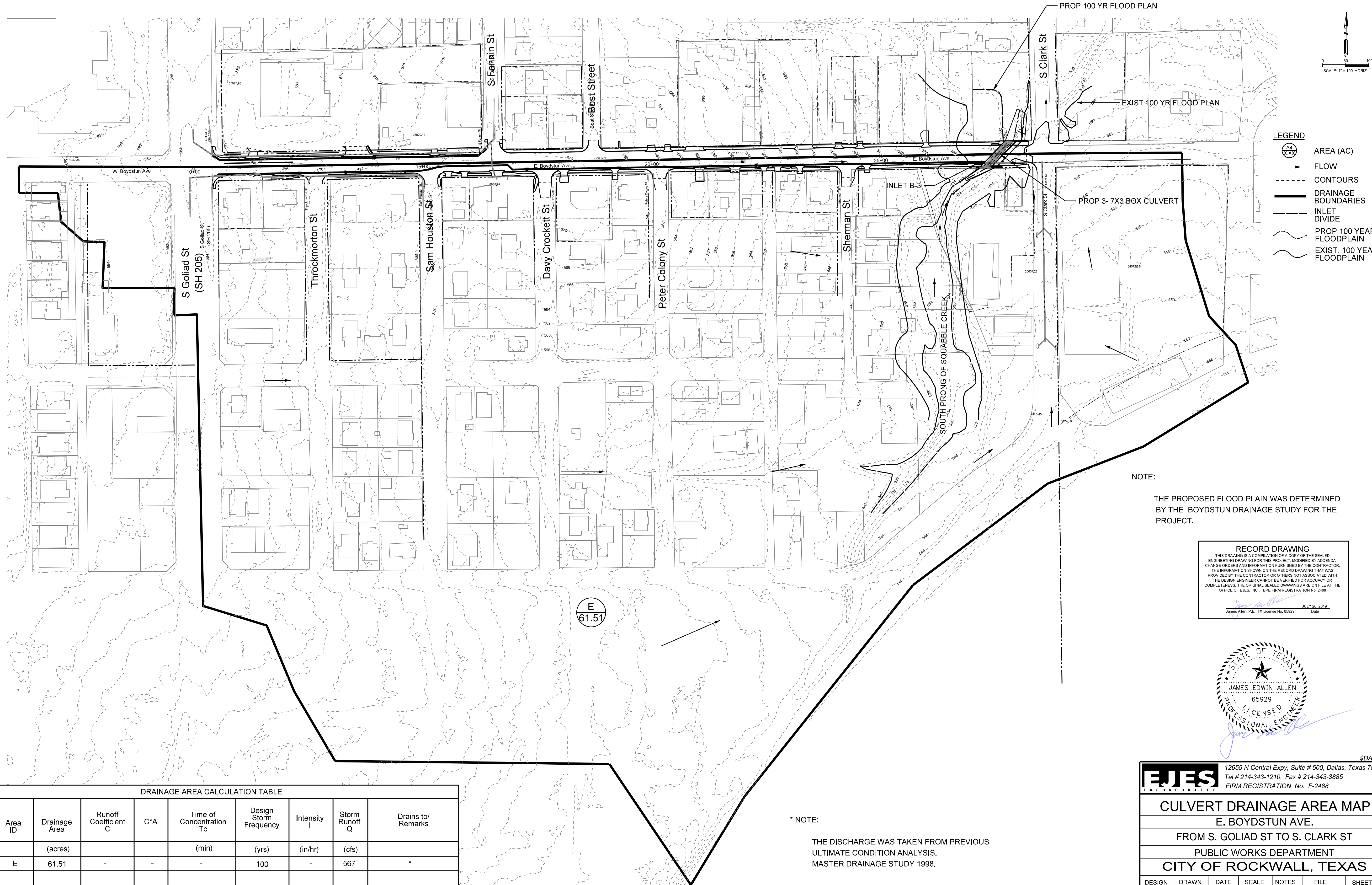
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OFFICE OF EJES, INC., 12655 N. CENTRAL EXPY., SUITE # 500, DALLAS, TEXAS 75243.
JAMES EDWIN ALLEN
JULY 26, 2019
Date



EJES INCORPORATED
12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

DRAINAGE AREA MAP						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=50' H			46

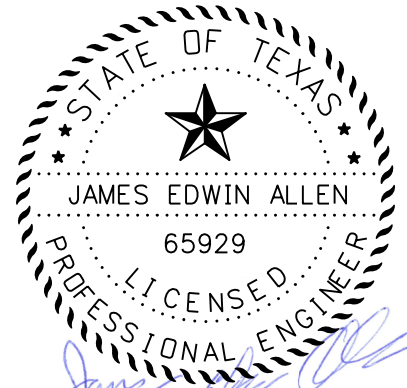




- LEGEND**
- AREA (AC)
 - FLOW
 - CONTOURS
 - DRAINAGE BOUNDARIES
 - INLET DIVIDE
 - PROP 100 YEAR FLOODPLAIN
 - EXIST. 100 YEAR FLOODPLAIN

NOTE:
THE PROPOSED FLOOD PLAN WAS DETERMINED BY THE BOYDSTUN DRAINAGE STUDY FOR THE PROJECT.

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James Allen, P.E., TX License No. 65929 Date



DRAINAGE AREA CALCULATION TABLE								
Area ID	Drainage Area	Runoff Coefficient C	C*A	Time of Concentration Tc	Design Storm Frequency	Intensity	Storm Runoff Q	Drains to/Remarks
	(acres)			(min)	(yrs)	(in/hr)	(cfs)	
E	61.51	-	-	-	100	-	567	*

* NOTE:
THE DISCHARGE WAS TAKEN FROM PREVIOUS ULTIMATE CONDITION ANALYSIS. MASTER DRAINAGE STUDY 1998.

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Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

CULVERT DRAINAGE AREA MAP

E. BOYDSTUN AVE.

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=100' H			48

GUTTER FLOW/ INLET COMPUTATIONS

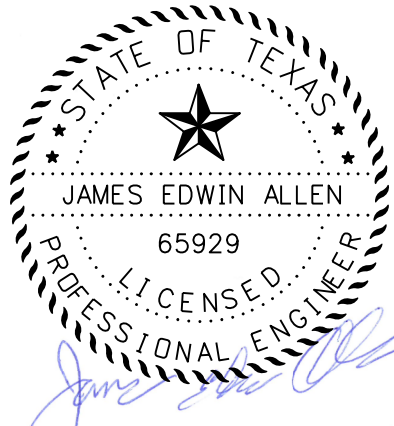
Area ID	Location			Area Runoff								Upstream Bypass C*A	Total Gutter Flow Qa	Gutter Flow												Max. Allowable Flow based on Max. Allowable Ponding Width Qallow gutter	Inlet Capacity												Inlet By-pass			Remarks
	Alignment	Station	Offset	Design Freq.	C	Area ID	Time of Concen-tration Tc	Intensity I	Area A	Runoff Q	Thorough fare Type			On Grade/ Sag	Manning n	Long Slope S	Crown Type	Cross Slope Sx	Depression Depth a	Depression Width W	Ponding Width Spread (allow) Tallow	Ponding Width Spread (actual) Tactual	Depth of Gutter Flow (allow) yallow	Depth of Gutter Flow (actual) yactual	Depress. Gutter Section Area Aw		Depress. Gutter Section Wetted Perimeter Pw	Sect. Beyond Depress. Area Ao	Sect. Beyond Depress. Wetted Perimeter Po	Conveyance Depress. Section Kw	Conveyance Section Beyond Depress. Ko	Ratio of Depress. Flow to Total Flow Eo	Equivalent Cross Slope Se	Inlet Length Required Lreq'd	Inlet Length Actual Lactual	Inlet Capacity Qc	Flow Qbypass	C*A	To Inlet ID			
				(yr)			(min)	(in/hr)	(acres)	(cfs)	(cfs)				(ft/ft)		(ft/ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(cfs)	(ft2)	(ft)	(ft2)	(ft)	(cfs)	(cfs)		(ft/ft)	(ft)	(ft)	(cfs)	(cfs)						
B-2	Boydston	14+60	20 RT	100	0.9		10	9.8	0.71	6.26	0	6.26	Collector	On Grade	0.0175	0.0156	Straight	0.0218	0.5	2	20	12.9	0.44	0.28	20.0	1.02	2.07	1.302	10.9	54.00	26.77	0.668551	0.19	11.46	15	10.24	0.00					
B-3	Boydston	27+15	20 RT	100	0.85		10	9.8	1.37	11.41	0	11.41	Collector	On Grade	0.0175	0.007	Straight	0.025	0.5	2	20	17.3	0.50	0.43	16.9	1.31	2.07	2.917	15.3	82.28	82.12	0.500463	0.15	13.31	15	12.96	0.00					
D-1	Boydston	28+06	20 LT	100	0.9		10	9.8	1.21	10.67	0	10.67	Collector	On Grade	0.0175	0.01	Straight	0.025	0.5	2	20	15.8	0.50	0.39	20.2	1.24	2.07	2.366	13.8	74.50	62.11	0.545341	0.16	13.79	15	11.5	0					

STORM SEWER CALCULATIONS

System ID	Conduit Properties														Incremental Drainage Area				Accumulated C*A	Upstream Tc	Design Storm Freq.	Intensity I	Runoff Q100	Conduit Capacity Qc	Partial Flow	Velocity V	Time in Conduit	Friction Slope Sf	Friction Headloss	HGL		Headloss Calculations						Design HGL	Top of Curb Elev.	HGL Depth Below T/C	Remarks																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Collection Point Station		Length	# of Barrels	Pipe Size	Box		Type	Area	Wetted Perimeter Pw	Hydraulic Radius	Manning's n	Flowline Elevation		Slope	Inlet ID	Area	Runoff Coeff. C												Incremental C*A	U/S	D/S	V1**2/2g	V2**2/2g	Jct. Type	Coeff. Kj	Headloss HL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	U/S	D/S				Span	Rise						Up-Stream	Down-Stream																												U/S	D/S	V1**2/2g	V2**2/2g	Jct. Type	Coeff. Kj	Headloss HL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
						(ft)	(in)						(ft)	(ft)																													(ft*2)	(ft)	(ft)		(ft/ft)		(acres)		(min)	(yr)	(in/hr)	(cfs)	(cfs)	(Yes/No)	(fps)	(min)	(ft/ft)	(ft)		(ft)		(ft)			(ft)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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PF- PARTIAL FLOW

* COMPOSITE SLOPE



\$DATES

EJES INCORPORATED
12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

DRAINAGE CALCULATIONS

E. BOYDSTUN AVE.

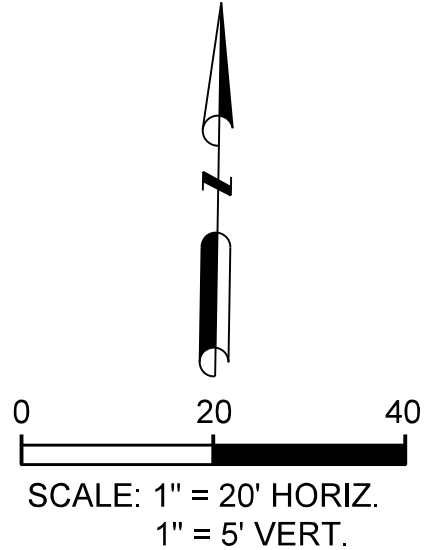
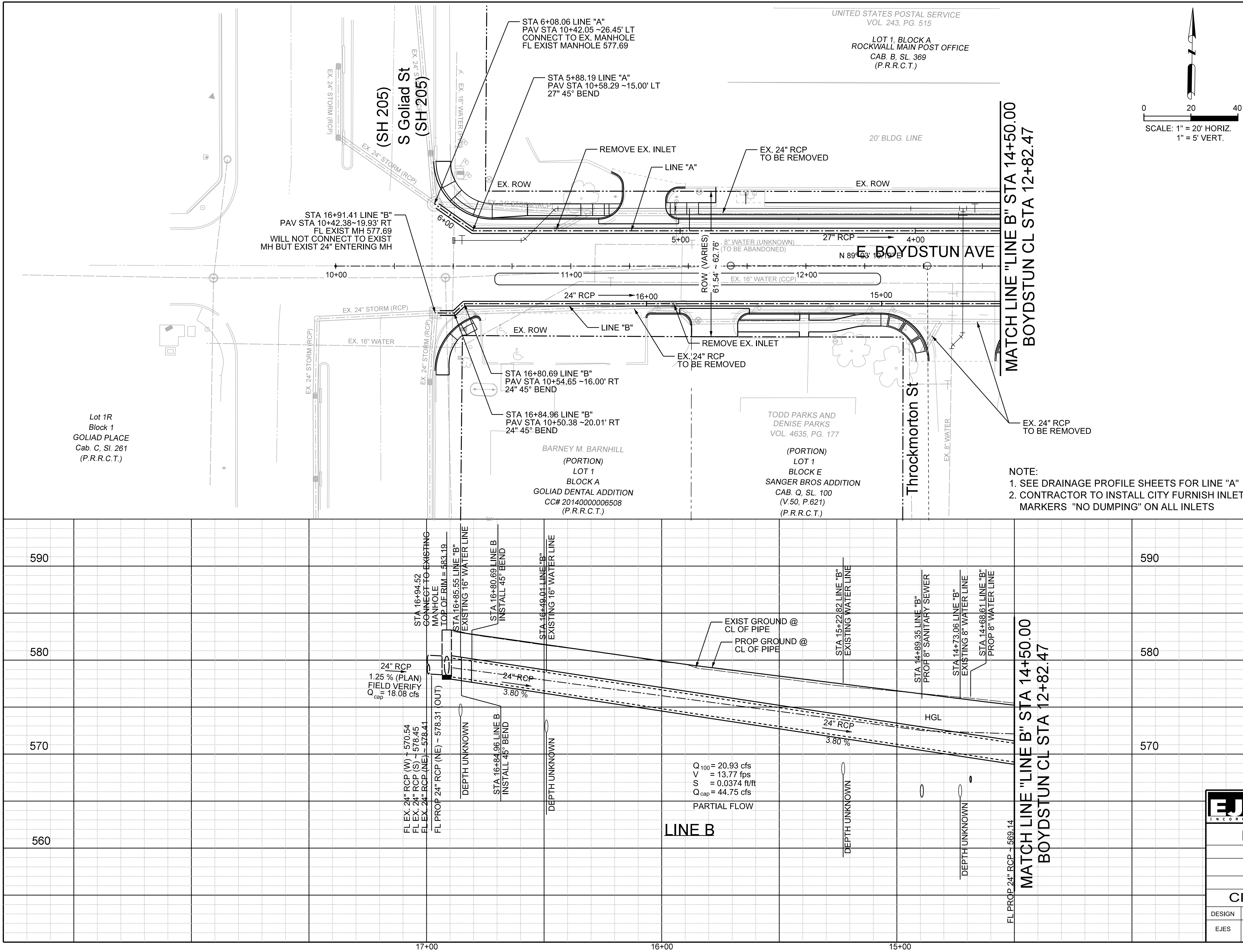
FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT


CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017				49

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James Allen
James Allen, P.E., TX License No. 65629
JULY 26, 2019
Date



CALL BEFORE YOU DIG!
TEXAS ONE CALL PARTICIPANTS REQUEST
48 HOURS NOTICE BEFORE YOU DIG, DRILL,
OR BLAST - STOP CALL

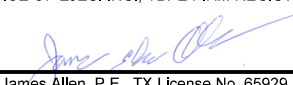
 **Texas One Call System**
1-800-DIG-TESS

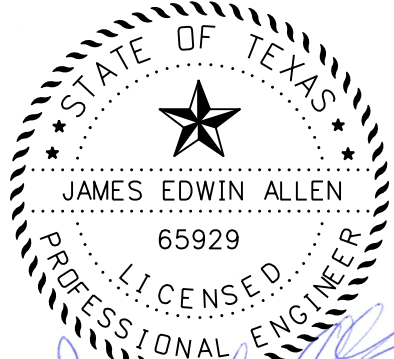
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- NOTE:
1. SEE DRAINAGE PROFILE SHEETS FOR LINE "A"
 2. CONTRACTOR TO INSTALL CITY FURNISH INLET MARKERS "NO DUMPING" ON ALL INLETS

1. N 7026291.357 E 2594699.299 ELEV= 583.650 MON
2. N 7026304.738 E 2594701.100 ELEV= 583.119 CIRST

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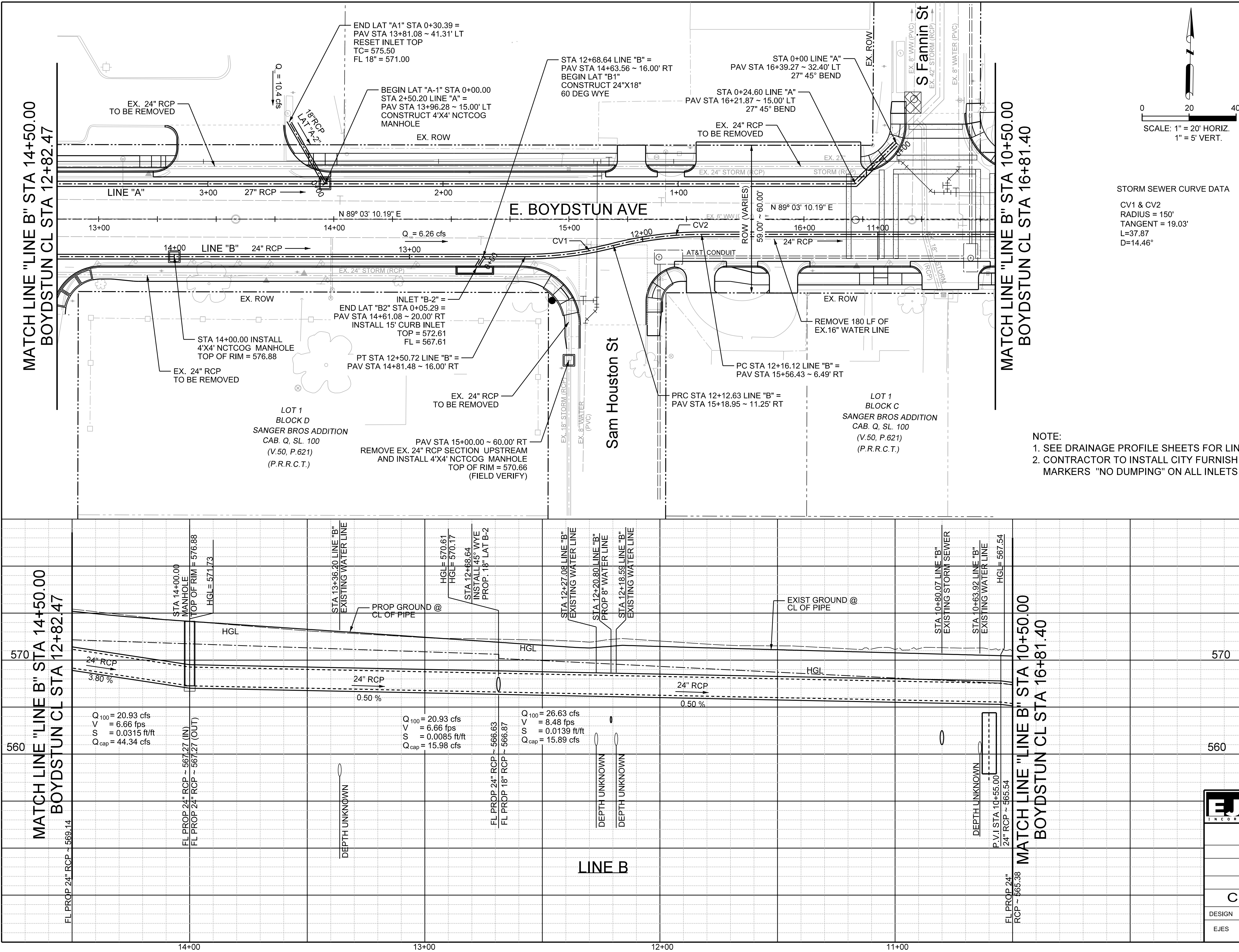
 JULY 26, 2019
James Allen, P.E., TX License No. 65929 Date





12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

DRAINAGE PLAN & PROFILE						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H 1"= 5' V			50




STORM SEWER CURVE DATA


CV1 & CV2
RADIUS = 150'
TANGENT = 19.03'
L=37.87
D=14.46°

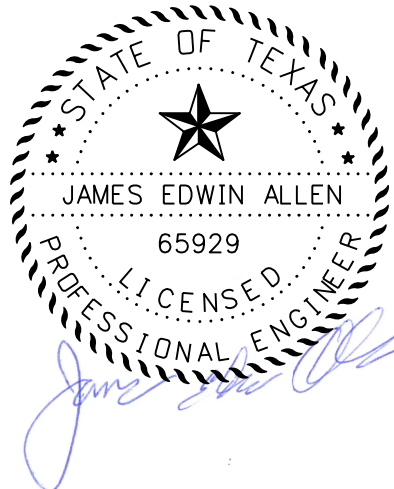
- NOTE:
1. SEE DRAINAGE PROFILE SHEETS FOR LINE "A"
 2. CONTRACTOR TO INSTALL CITY FURNISH INLET MARKERS "NO DUMPING" ON ALL INLETS

CALL BEFORE YOU DIG!
TEXAS ONE CALL PARTICIPANTS REQUEST
48 HOURS NOTICE BEFORE YOU DIG, DRILL,
OR BLAST - STOP CALL

 Texas One Call System
1-800-DIG-TESS

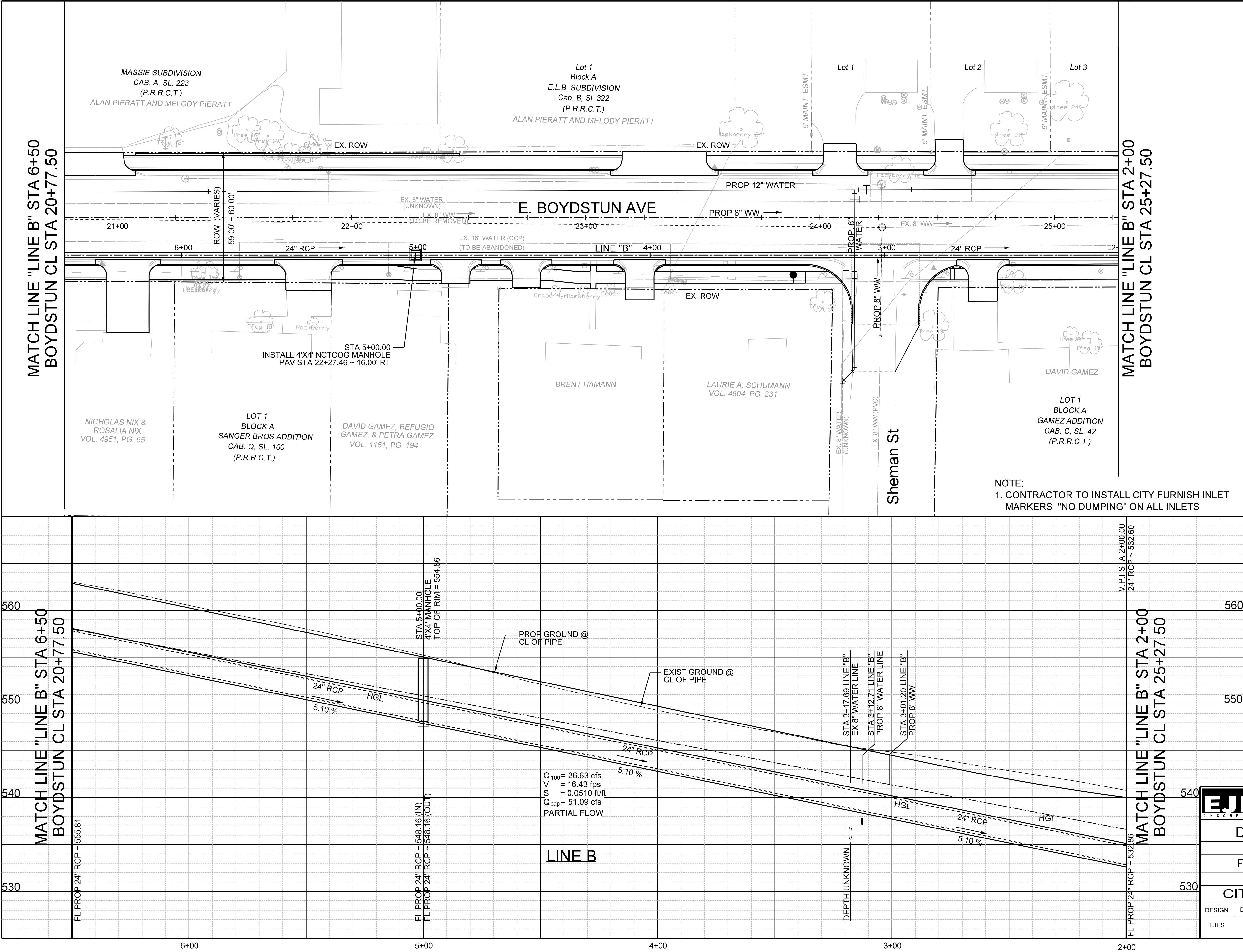
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PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H 1"= 5' V			51



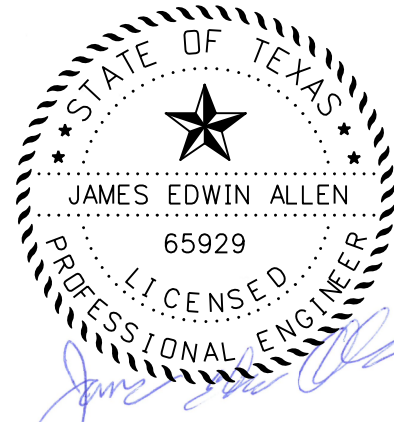
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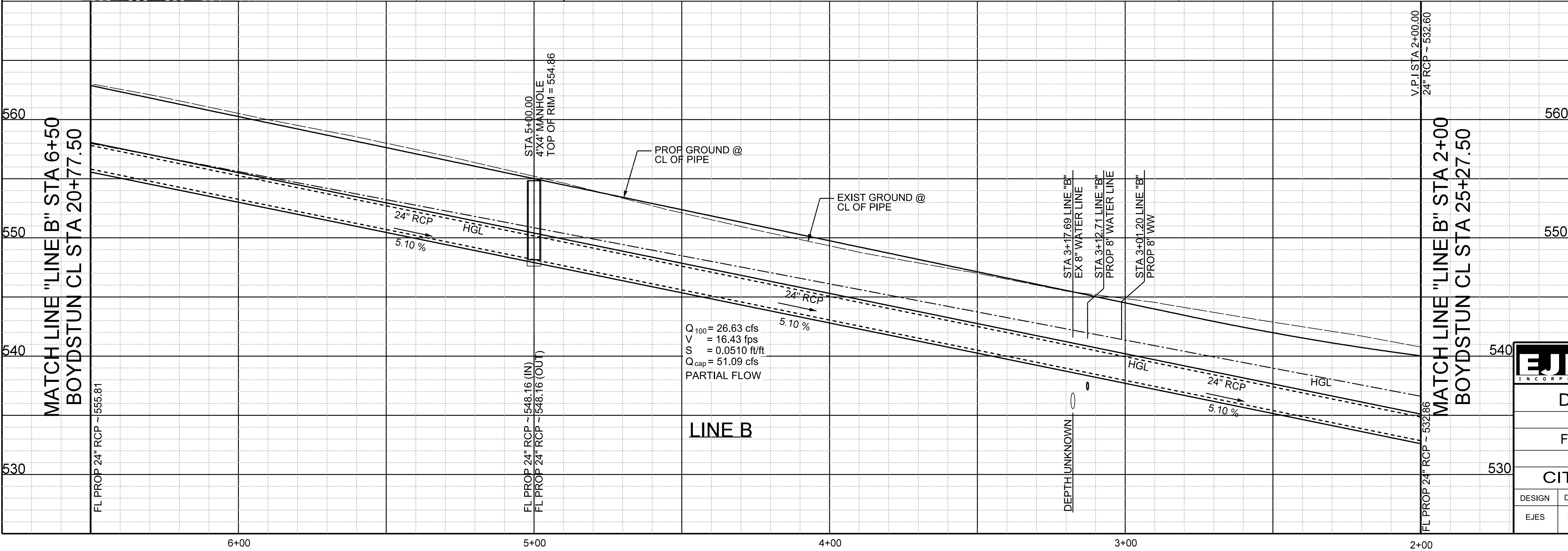
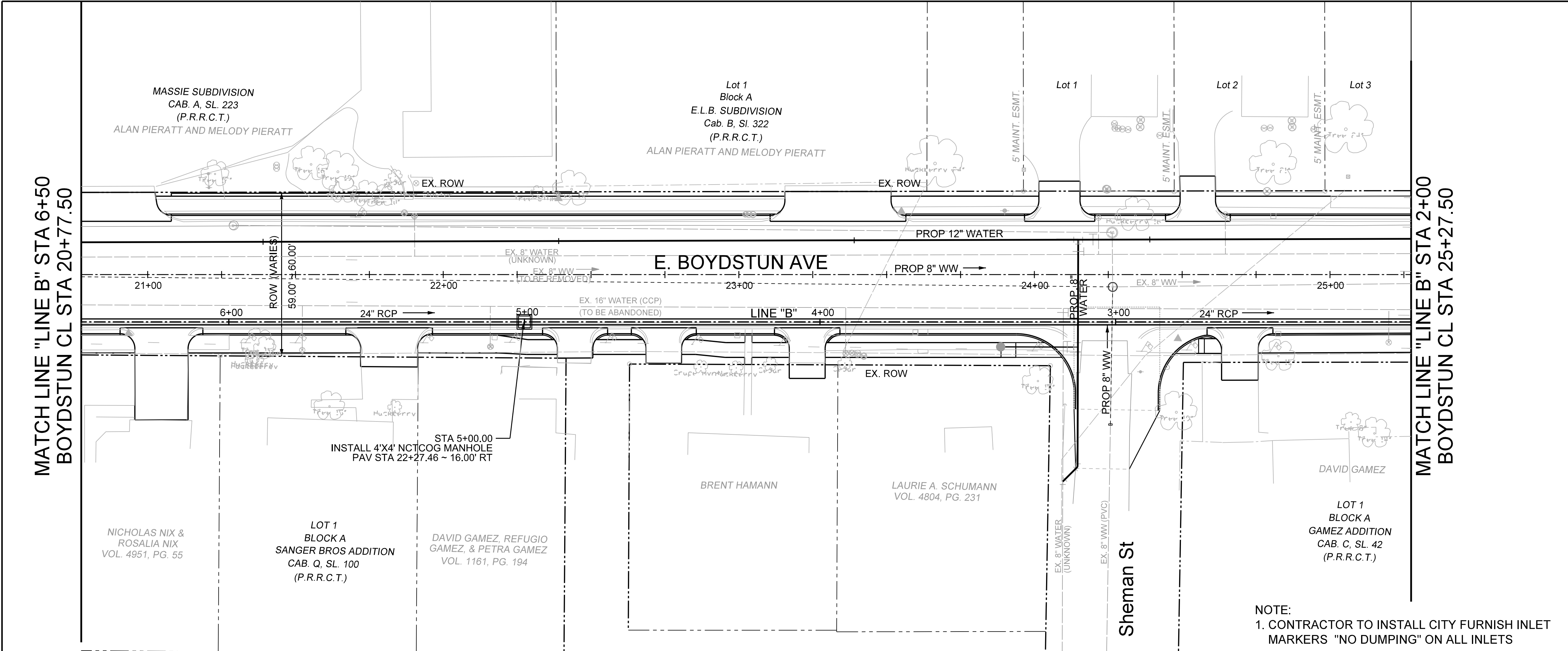
James Allen JULY 28, 2019
James Allen, P.E., TX License No. 65929 Date



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DRAINAGE PLAN & PROFILE
E. BOYDSTUN AVE.
FROM S. GOLIAD ST TO S. CLARK ST
PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H 1"= 5' V			53R



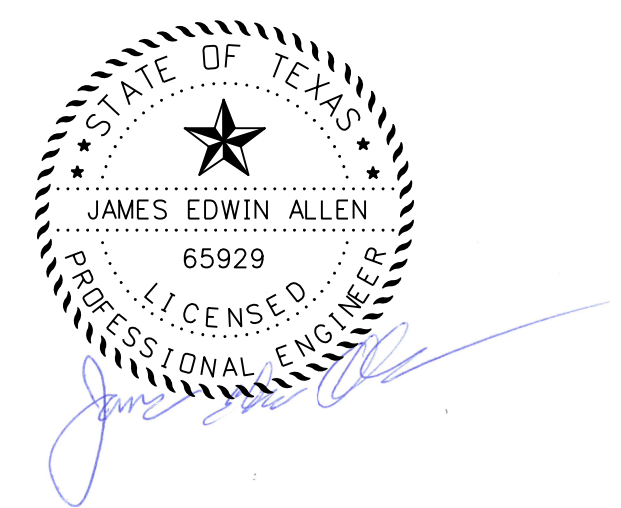
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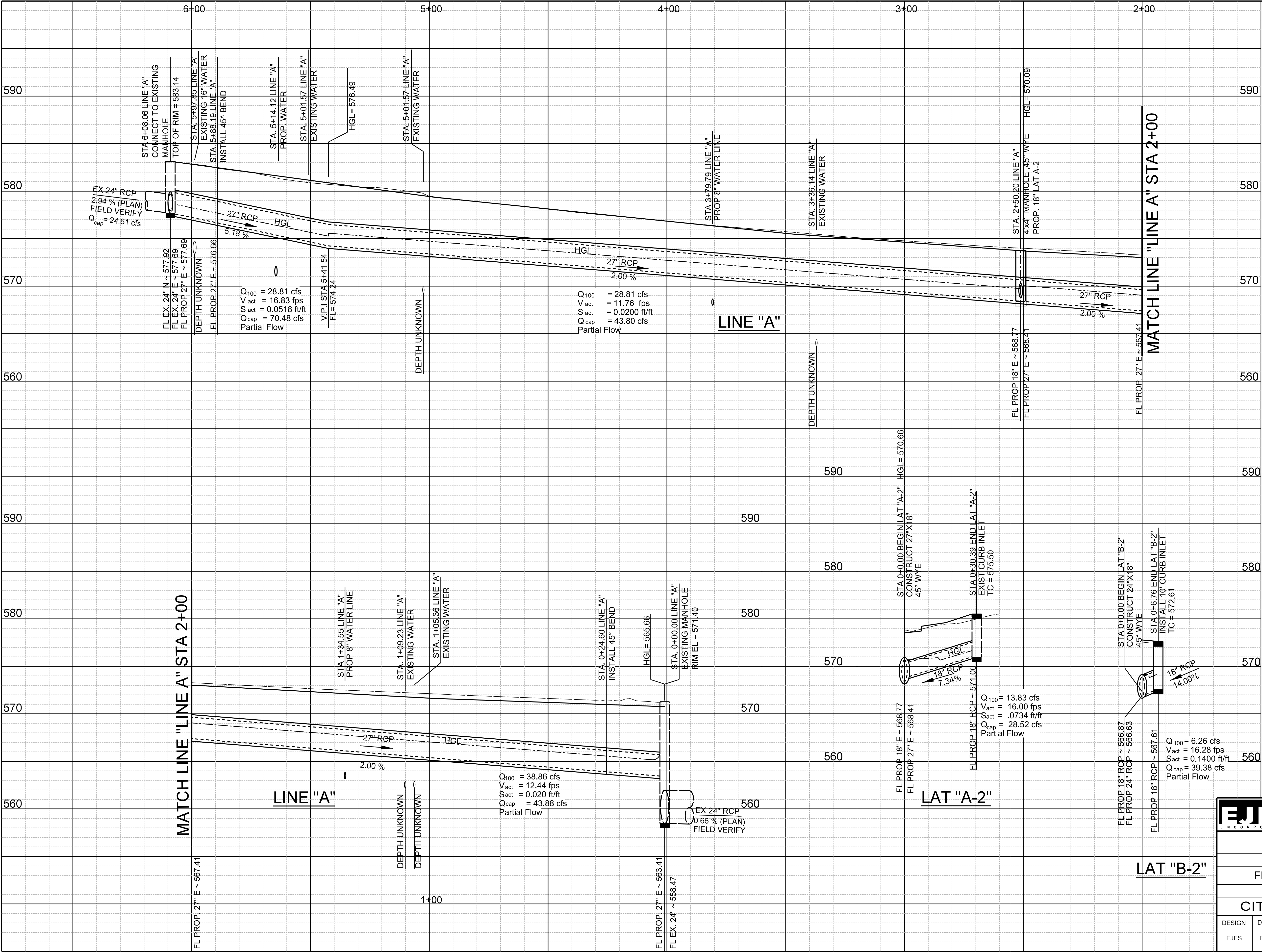
JULY 28, 2019
James Allen, P.E., TX License No. 65929 Date



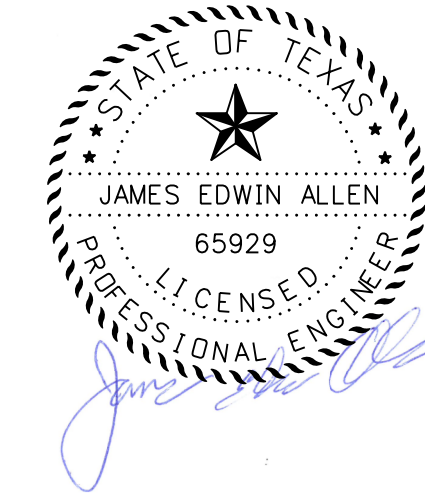
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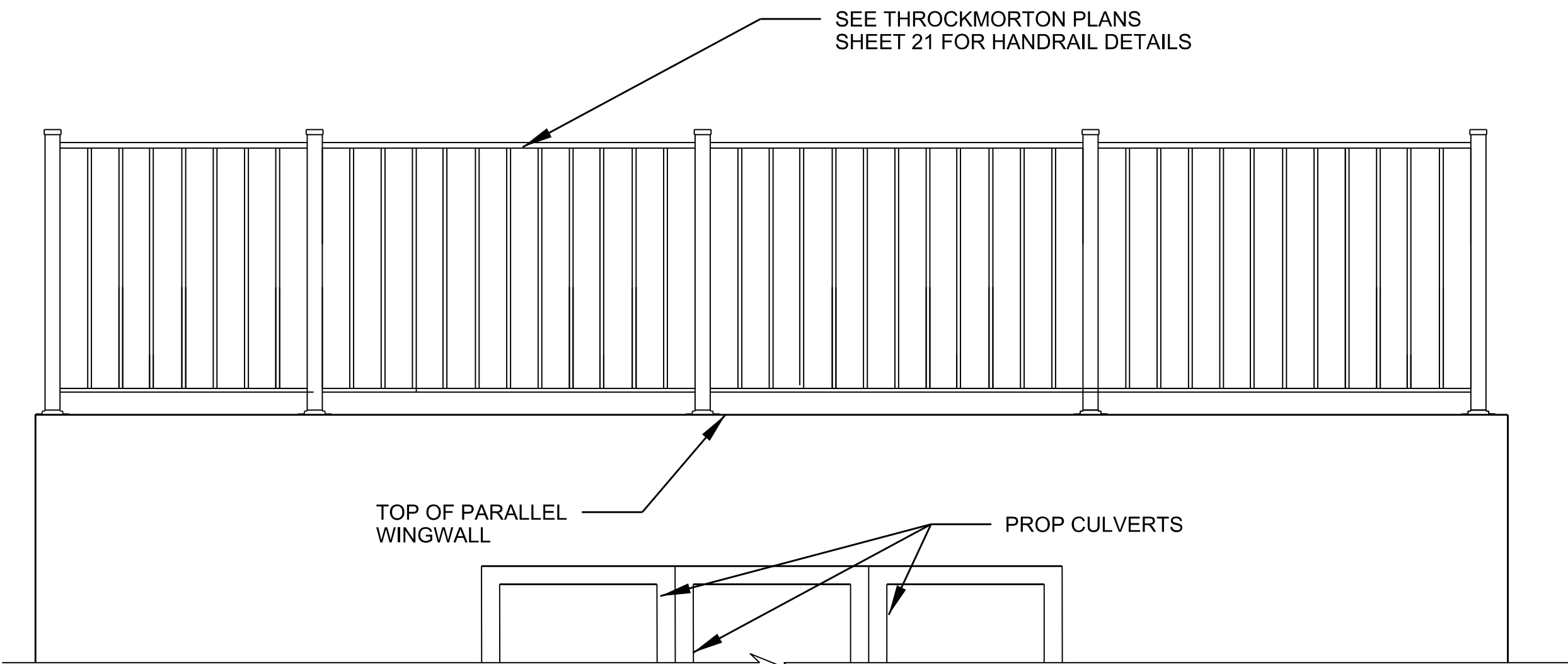
EJES
INCORPORATED

12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

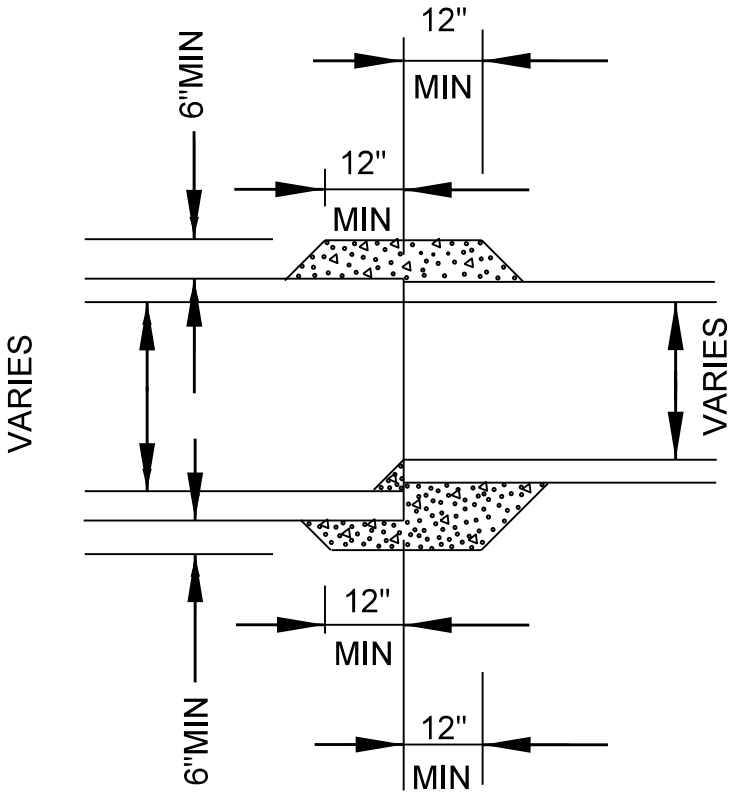
DRAINAGE PROFILES
E. BOYDSTUN AVE.
FROM S. GOLIAD ST TO S. CLARK ST
PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H 1"= 5' V			55

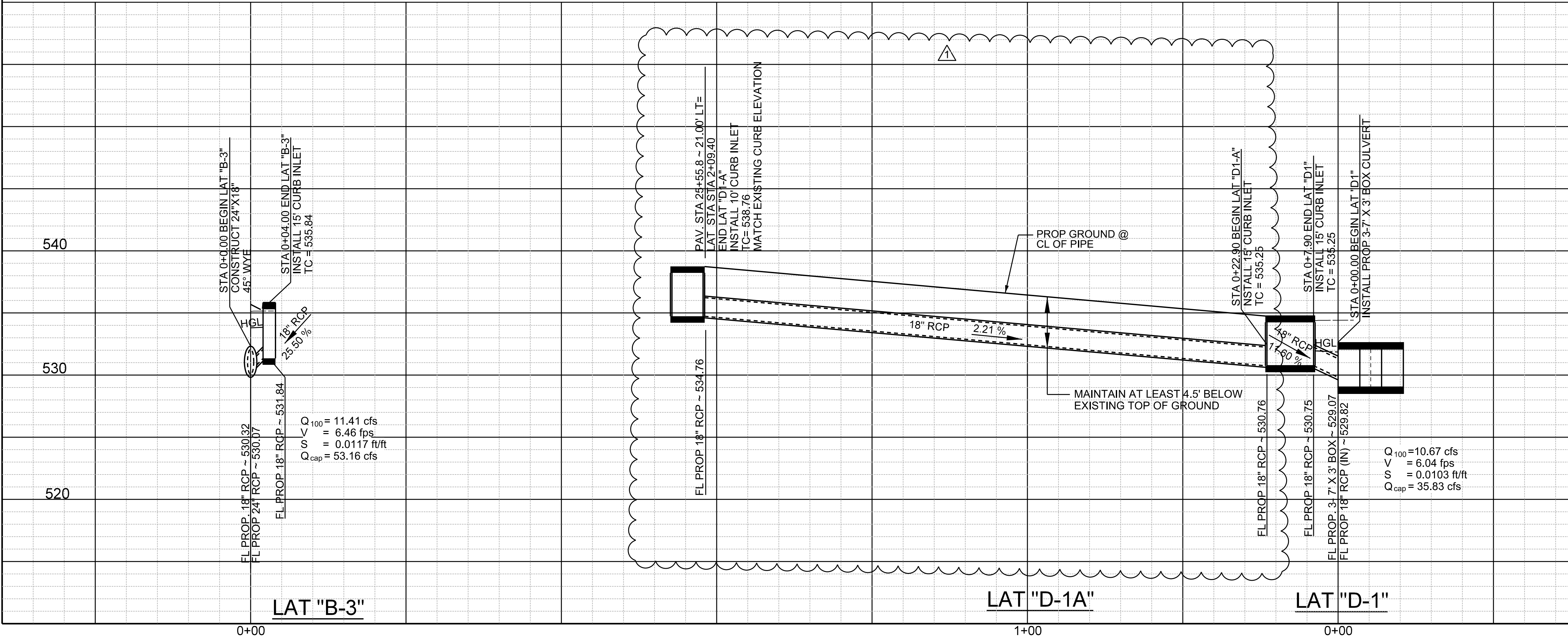
\$DATES



HANDRAIL/ WINGWAL DETAIL
(SEE PW & ECD STANDARDS)



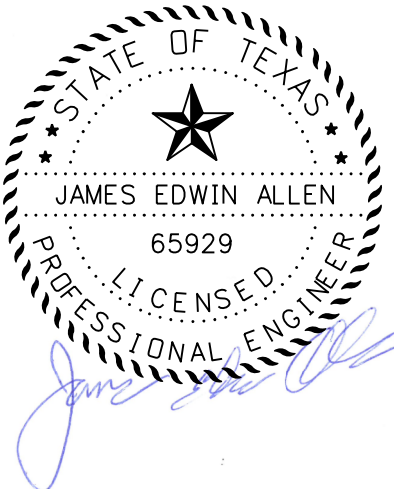
**CONCRETE COLLAR
FOR PIPE CONNECTION**



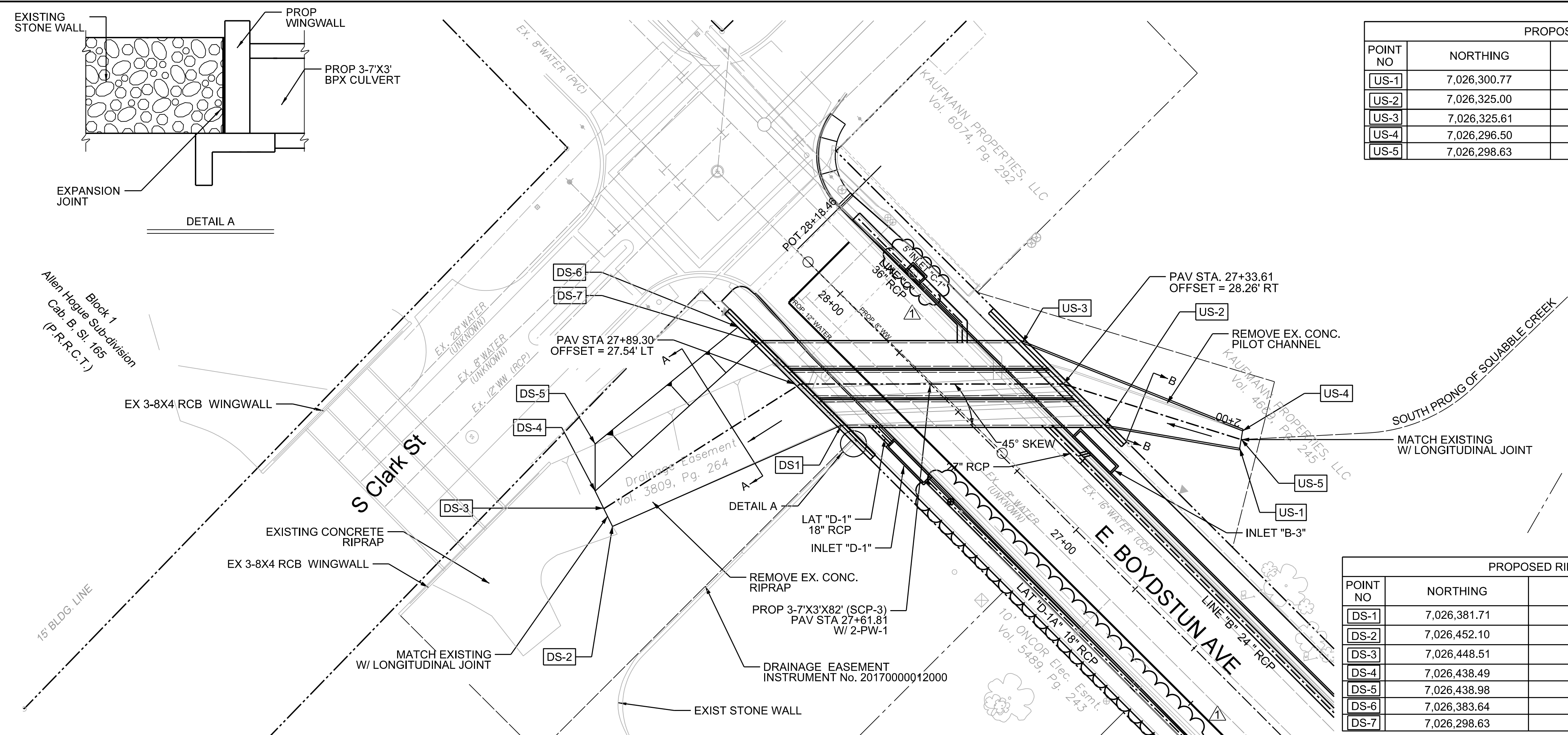
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James Allen, P.E., TX License No. 65929 Date: JULY 26, 2019

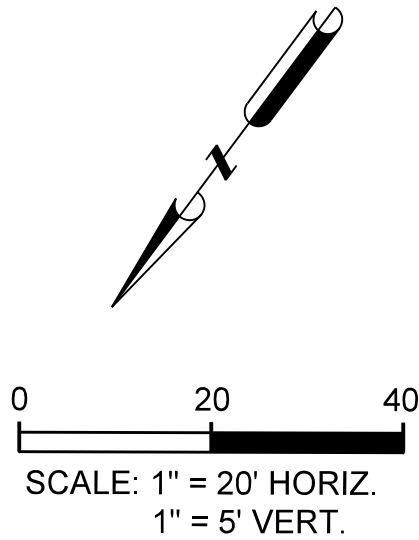
AS BUILT: 8/12/2019



EJES INCORPORATED						
12655 N Central Expy, Suite # 500, Dallas, Texas 75243. Tel # 214-343-1210, Fax # 214-343-3885 FIRM REGISTRATION No: F-2488						
DRAINAGE PROFILES						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H 1"= 5' V			56R




PROPOSED CONCRETE RIP-RAP				
POINT NO	NORTHING	EASTING	TOP OF RIP-RAP	TOP OF CURB
US-1	7,026,300.77	2,596,324.76	530.73	531.73
US-2	7,026,325.00	2,596,357.79	529.50	530.50
US-3	7,026,325.61	2,596,392.69	529.50	530.50
US-4	7,026,296.50	2,596,327.92	530.80	531.80
US-5	7,026,298.63	2,596,326.34	530.76	-



- NOTE:
1. SEE BOYDSTUN HYDRAULIC STUDY FOR FURTHER INFORMATION.
 2. SEE DRAINAGE PLAN AND PROFILES FOR FURTHER DETAILS.
 3. SEE DRAINAGE PROFILE SHEET FOR PROPOSED HANDRAIL DETAILS.
 4. SEE DRAINAGE AREA MAP FOR 100 YR EXIST AND PROP FLOODPLAIN.
 5. SEE PW1 AND BCS STANDARD FOR WINGWALL DETAILS.

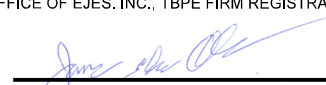
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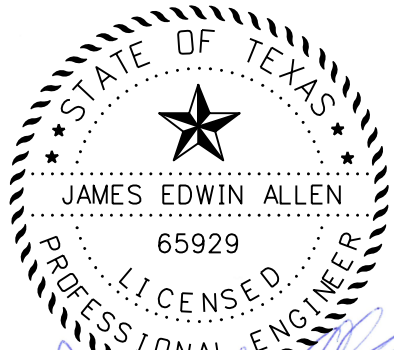
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PROPOSED RIP-RAP			
POINT NO	NORTHING	EASTING	TOP OF RIP-RAP
DS-1	7,026,381.71	2,596,412.55	529.00
DS-2	7,026,452.10	2,596,438.38	527.61
DS-3	7,026,448.51	2,596,449.61	527.63
DS-4	7,026,438.49	2,596,459.98	527.66
DS-5	7,026,438.98	2,596,459.72	532.25
DS-6	7,026,383.64	2,596,455.23	533.00
DS-7	7,026,298.63	2,596,326.34	529.00

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 **JAMES EDWIN ALLEN**
65929
PROFESSIONAL ENGINEER
JULY 28, 2019
Date

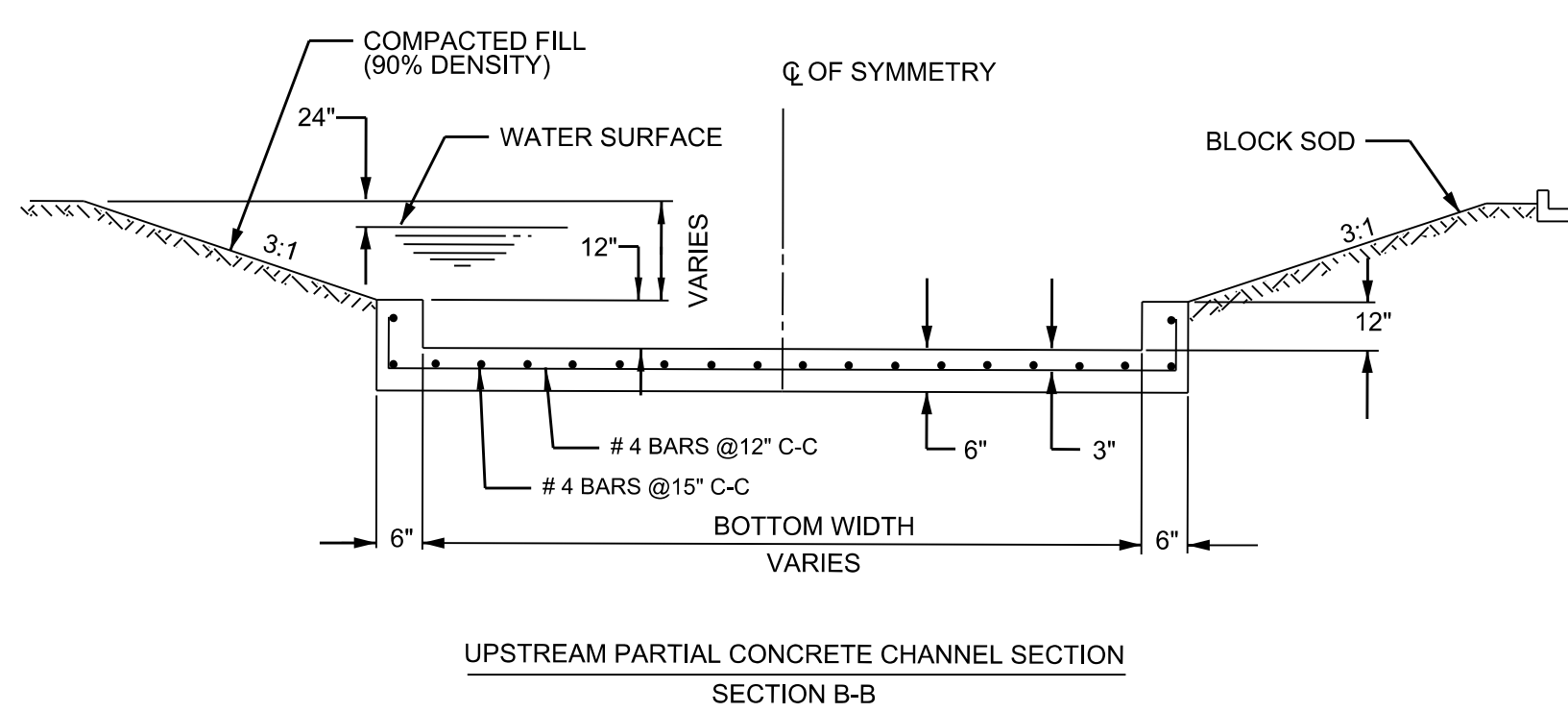
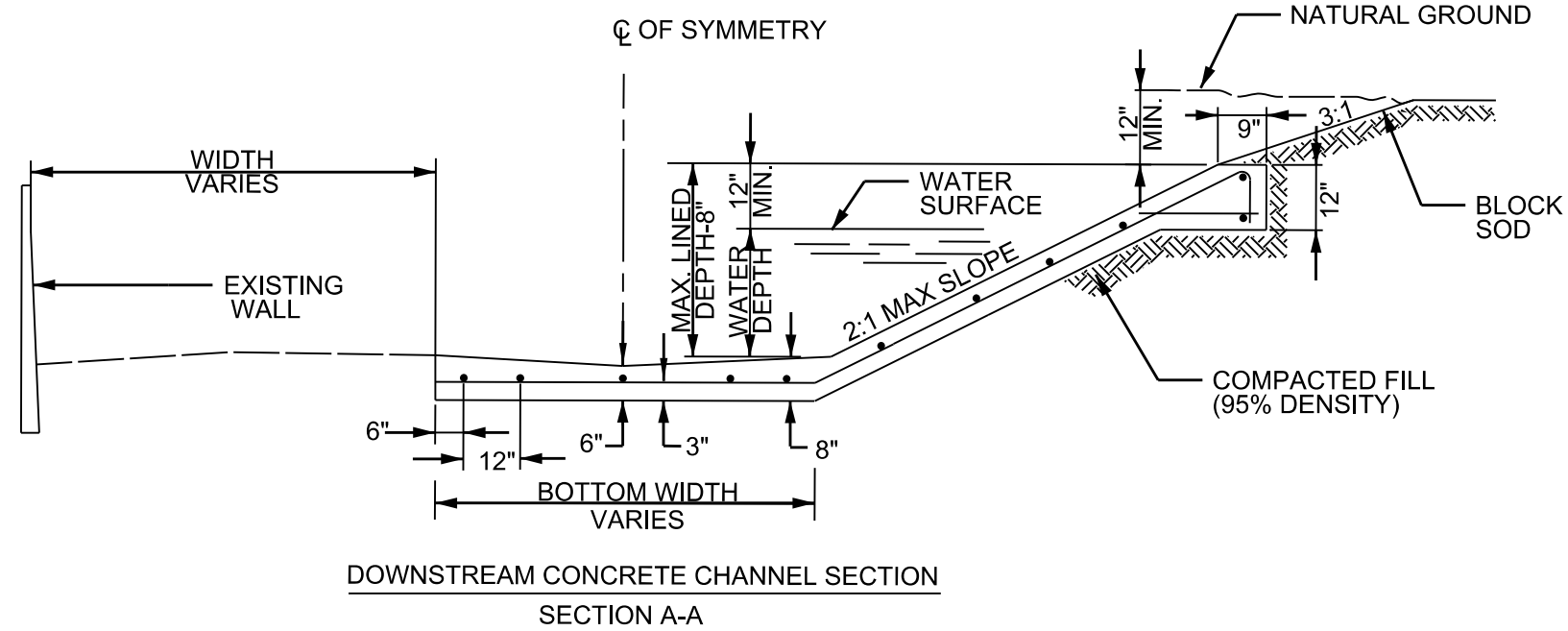
 **AS BUILT: 8-12-2019**

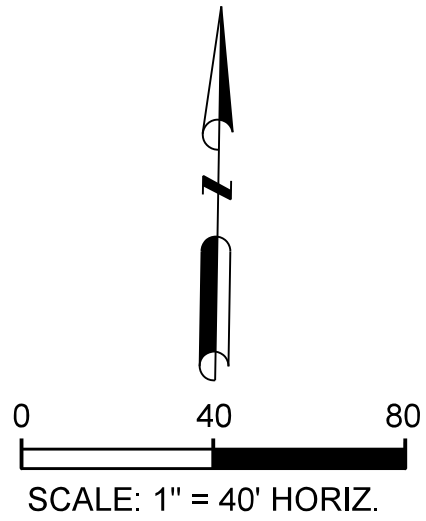
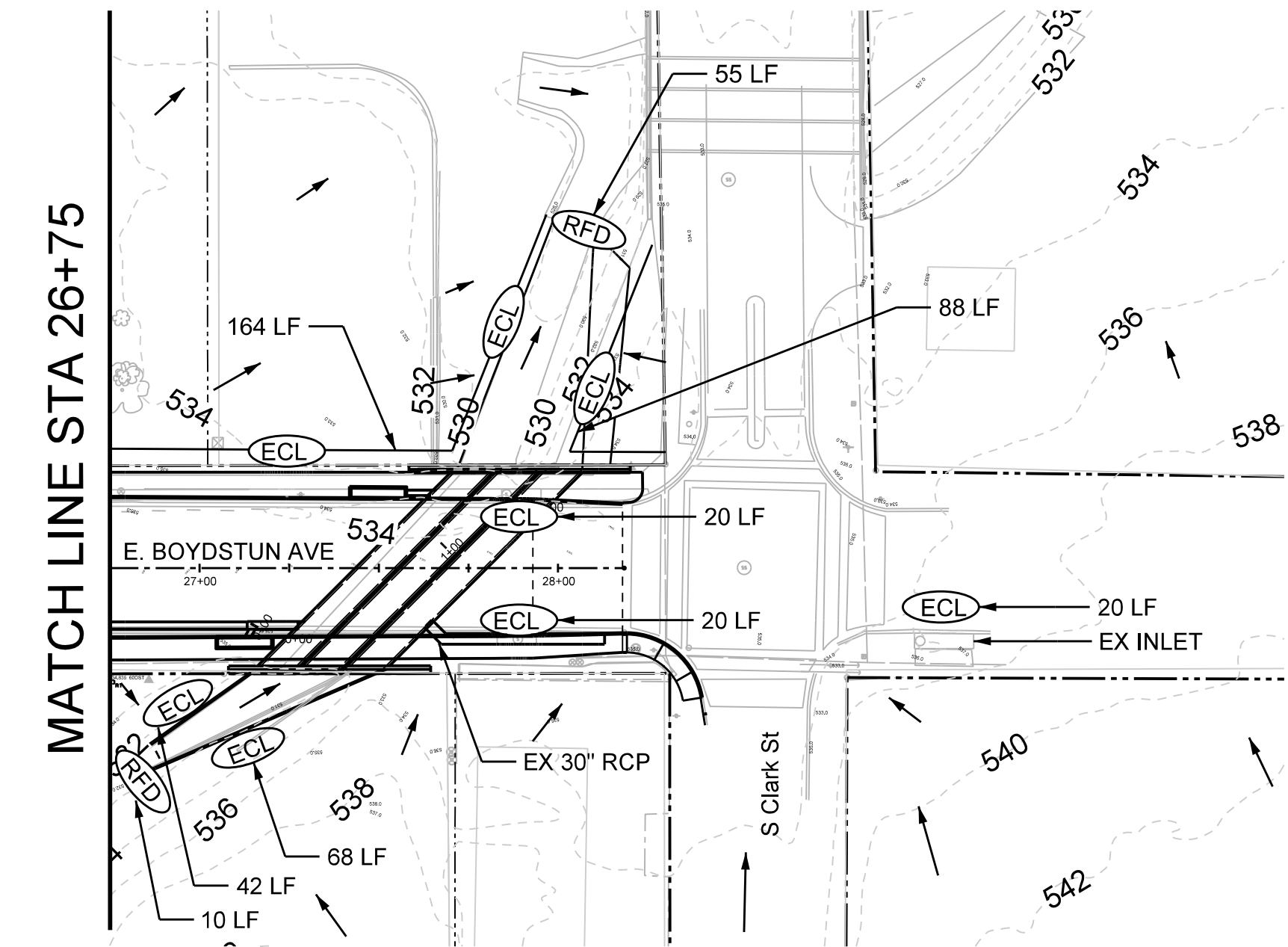
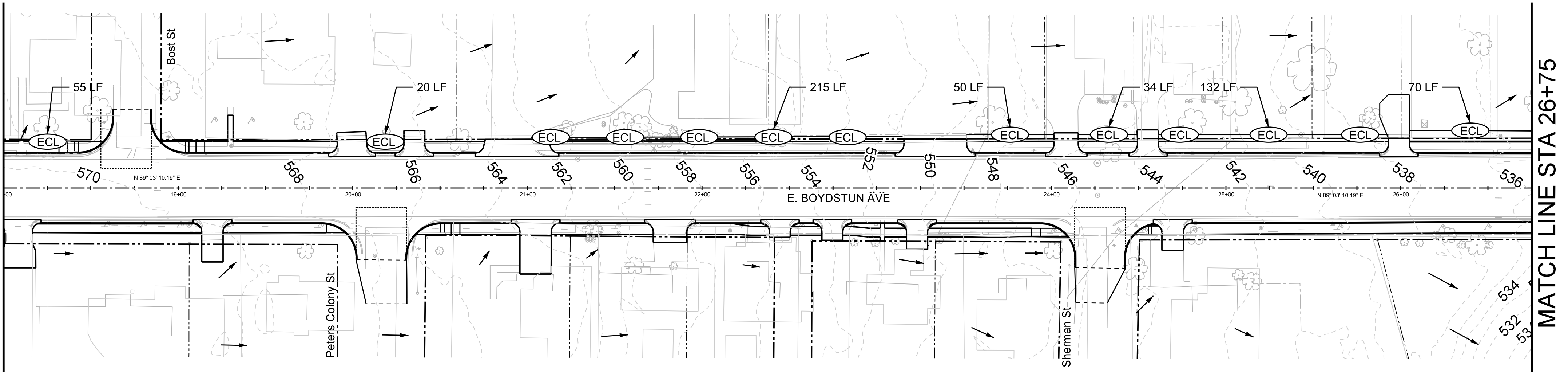
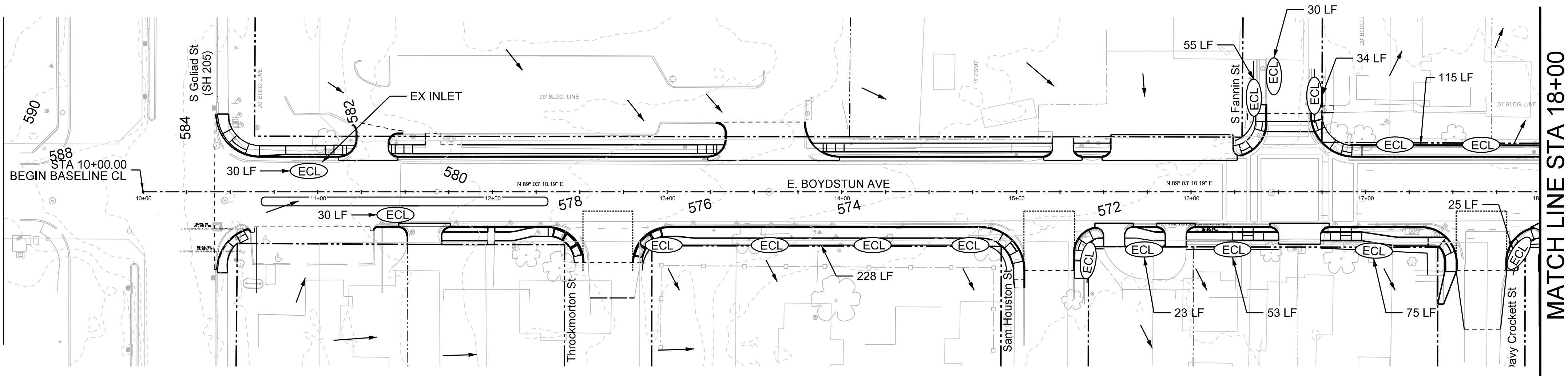


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FIRM REGISTRATION No: F-2488

CULVERT LAYOUT SHEET
E. BOYDSTUN AVE.
FROM S. GOLIAD ST TO S. CLARK ST
PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H 1"= 5' V			57R






- LEGEND**
- (ECL) EROSION CONTROL LOGS
 - (RFD) ROCK FILTER DAMS
 - ← FLOW DIRECTION

- NOTE:**
1. EROSION CONTROL MANAGEMENT PRACTICES ARE A SUGGESTION. CONTRACTOR SHALL PROVIDE COMPLETE SWPPP AND SHALL MODIFY AS REQUIRED.
 2. SEE EROSION CONTROL STANDARDS FOR DETAILS.

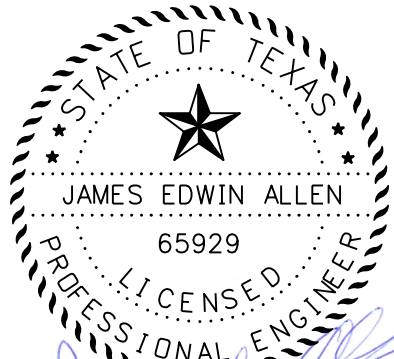
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1-800-DIG-TESS

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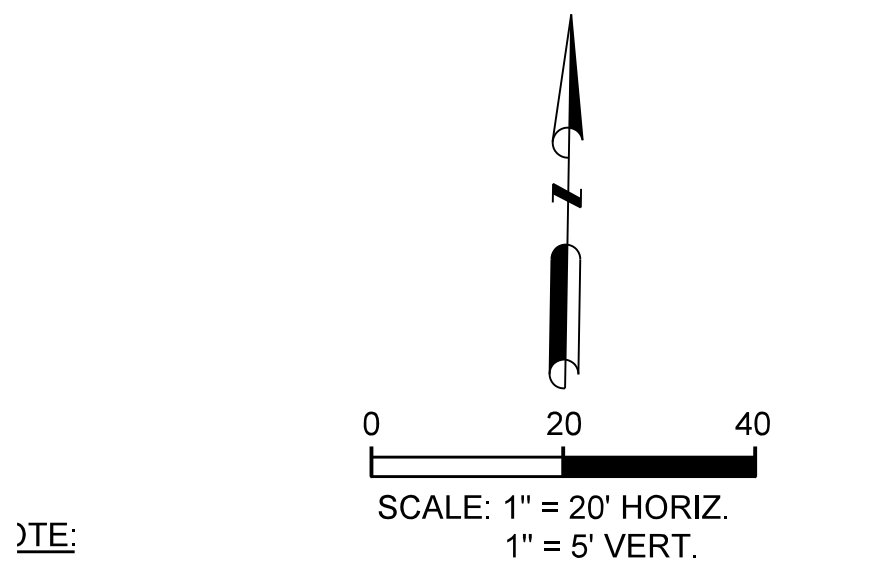
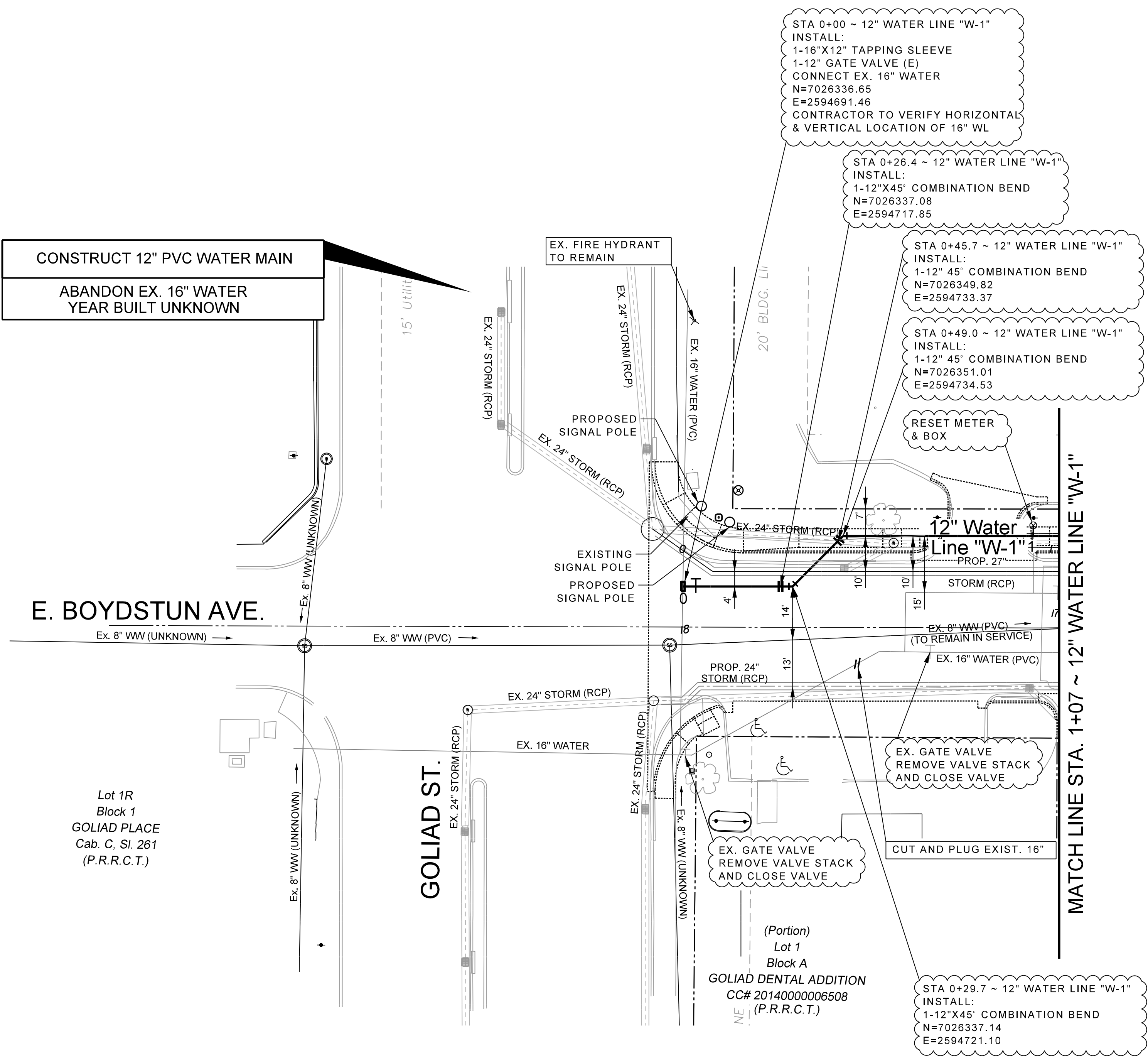
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James Allen, P.E., TX License No. 65929
DATE: JULY 26, 2019



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Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

EROSION CONTROL PLAN						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=40' H			58



- NOTE:
- SEE SHEETS
61 - 63 FOR
WATER
PROFILE
1. EXISTING VALVE STACK TO BE REMOVED. VALVE WILL BE CLOSED AND ABANDONED.
2. THE LOCATION OF WATER AND WASTEWATER SERVICES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL SERVICE LOCATIONS PRIOR TO CONSTRUCTION. ALL WW LINES TO BE REPLACED SHALL BE VIDEO INSPECTED BY THE CONTRACTOR TO DETERMINE SERVICE LOCATIONS (NO SEPERATE PAY). NEW WW LATERALS SHALL BE INSTALLED TO THE ROW LINE FOR ALL LOTS WITH CLEANOUT.
3. REPLACE ALL WATER SERVICES AND CONNECT TO 12" WL. BOXES AND EXIST METERS TO REMAIN.

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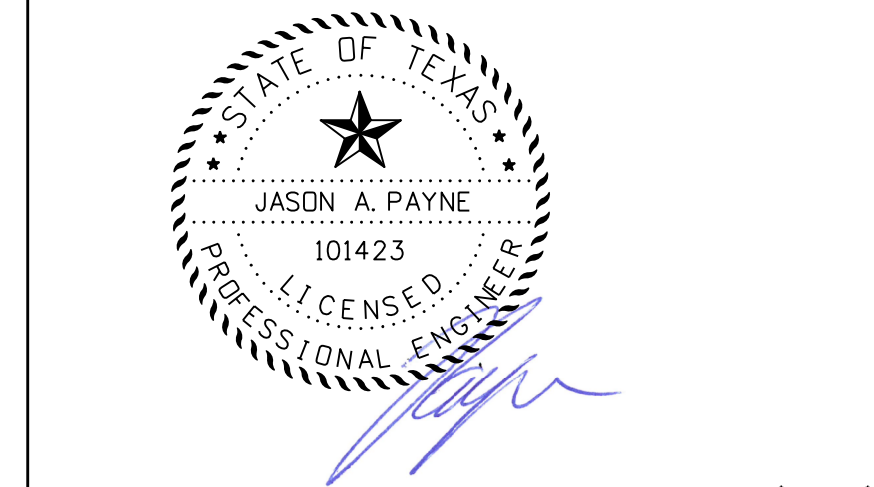
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1. N 7026291.357 E 2594699.299 ELEV= 583.650 MON
2. N 7026304.738 E 2594701.100 ELEV= 583.119 CIRST

RECORD DRAWING

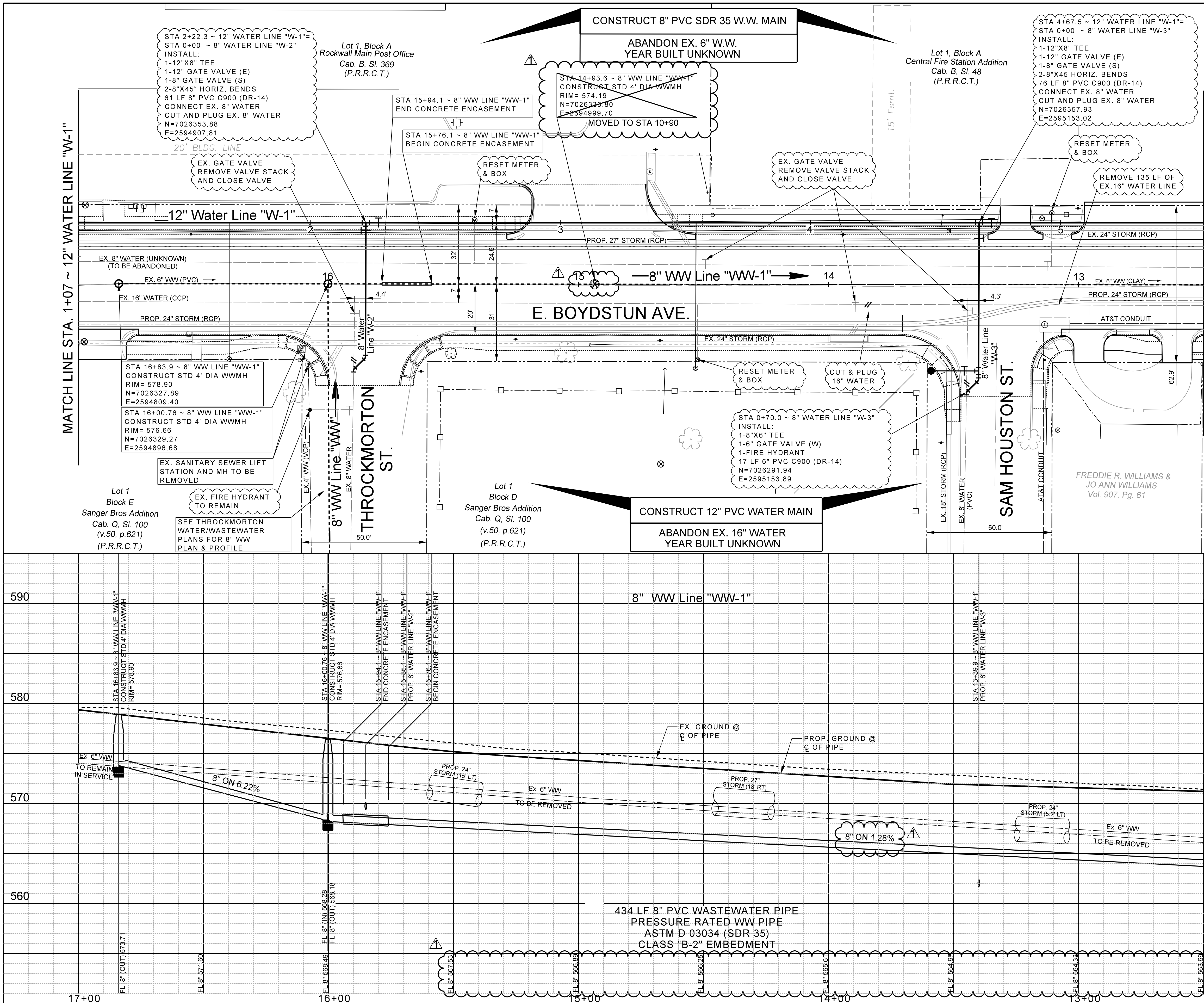
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James Allen, P.E., TX License No. 85629 Date: JULY 26, 2019




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FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
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NOTE:
SEE SHEETS
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PROFILE

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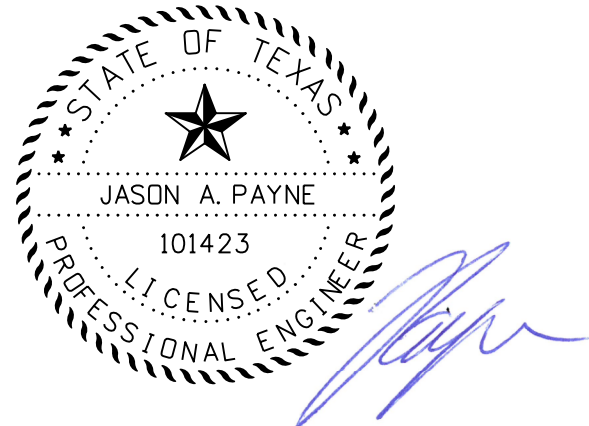
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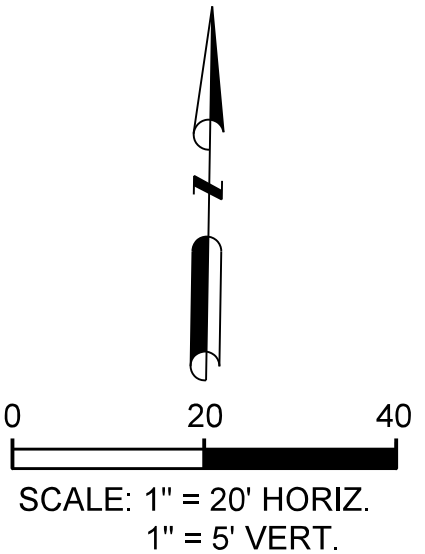
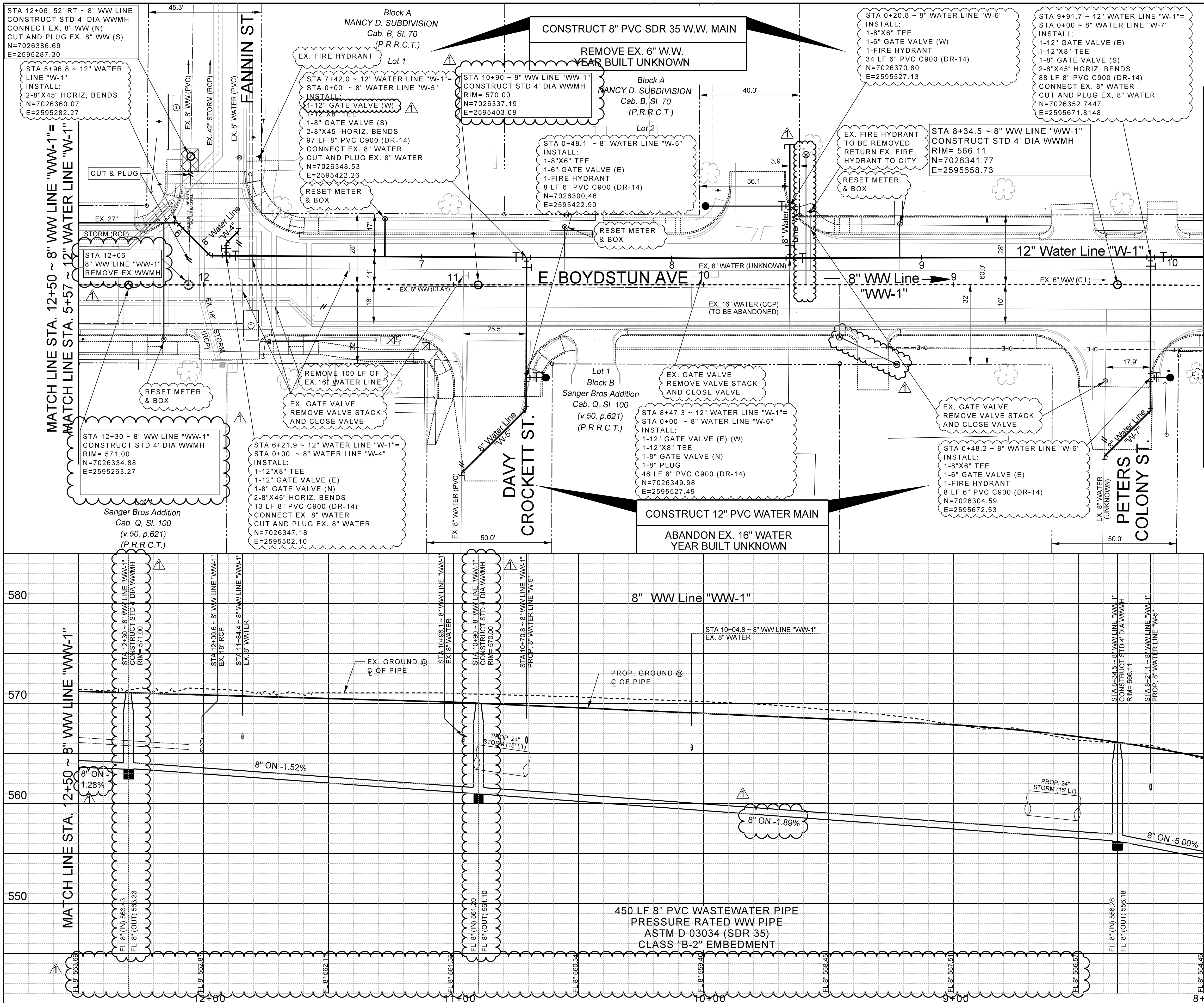
Jason A. Payne, P.E. License No. 55529 Date: JULY 26, 2019

AS BUILT: 8-9-2019




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Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

WATER & WASTEWATER						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H 1"=5' V			60R

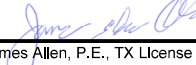


NOTE:
SEE SHEETS
61 - 63 FOR
WATER
PROFILE

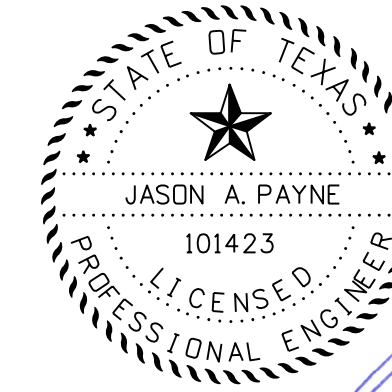
CALL BEFORE YOU DIG!
TEXAS ONE CALL PARTICIPANTS REQUEST
48 HOURS NOTICE BEFORE YOU DIG, DRILL,
OR BLAST - STOP CALL
 Texas One Call System
1-800-DIG-TESS

UTILITY LOCATION NOTE:
The location of existing utilities shown on these plans are approximate and based on existing plans and data furnished by utility companies. It is the responsibility of the contractor to verify the location and depth of all existing utilities that may conflict with construction. Call 1-800-344-8377 two working days prior to construction for on site locations. Any damage to existing utilities shall be repaired at contractor's expense, at no additional cost.

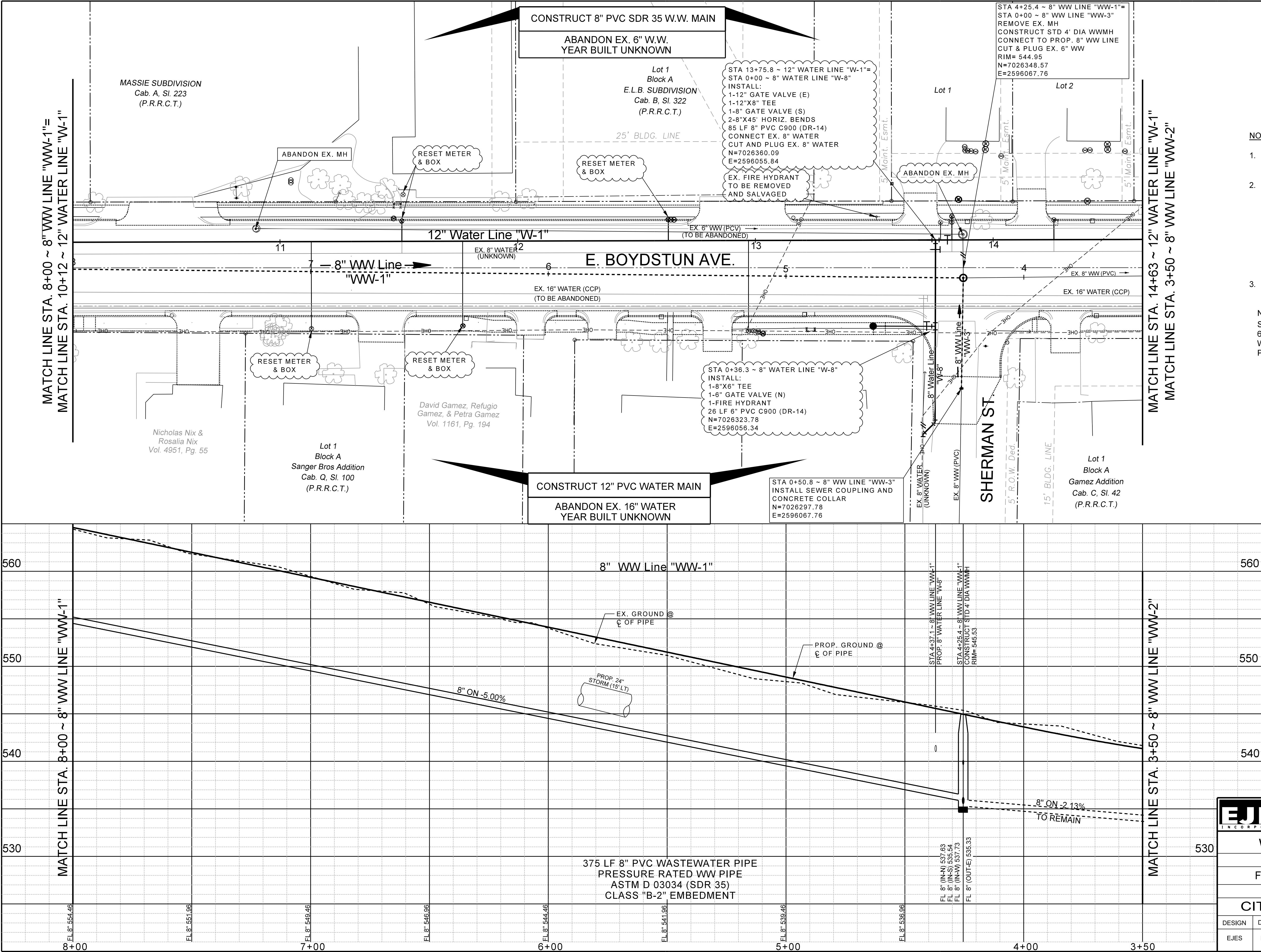
1. N 7026291.357 E 2594699.299 ELEV= 583.650 MON
2. N 7026304.738 E 2594701.100 ELEV= 583.119 CIRST

RECORD DRAWING
THIS DRAWING IS A COMPILED COPY OF THE SEALED ENGINEERING DRAWING FOR THIS PROJECT. MODIFIED BY ADDENDA, CHANGE ORDERS AND INFORMATION FURNISHED BY THE CONTRACTOR. THE INFORMATION SHOWN ON THE RECORD DRAWING THAT WAS PROVIDED BY THE CONTRACTOR OR OTHERS NOT ASSOCIATED WITH THE DESIGN ENGINEER CANNOT BE VERIFIED FOR ACCURACY OR COMPLETENESS. THE ORIGINAL SEALED DRAWINGS ARE ON FILE AT THE OFFICE OF EJES, INC. TYPE FIRM REGISTRATION NO: 2488
 JULY 26, 2019
Jason Allen, P.E., TX License No. 55929 Date

 AS BUILT: 8-9-2019



EJES INCORPORATED						
12655 N Central Expy, Suite # 500, Dallas, Texas 75243. Tel # 214-343-1210, Fax # 214-343-3885 FIRM REGISTRATION No: F-2488						
WATER & WASTEWATER						
E. BOYDSTUN AVE.						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H 1"=5' V			61R



0 20 40

SCALE: 1" = 20' HORIZ.
1" = 5' VERT.

NOTE:

- EXISTING VALVE STACK TO BE REMOVED. VALVE WILL BE CLOSED AND ABANDONED.
- THE LOCATION OF WATER AND WASTEWATER SERVICES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL SERVICE LOCATIONS PRIOR TO CONSTRUCTION. ALL WW LINES TO BE REPLACED SHALL BE VIDEO INSPECTED BY THE CONTRACTOR TO DETERMINE SERVICE LOCATIONS (NO SEPARATE PAY). NEW WW LATERALS SHALL BE INSTALLED TO THE ROW LINE FOR ALL LOTS WITH CLEANOUT.
- REPLACE ALL WATER SERVICES AND CONNECT TO 12" WL. BOXES AND EXIST METERS TO REMAIN.

NOTE:
SEE SHEETS
61 - 63 FOR
WATER
PROFILE

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JULY 26, 2019
Date

James Allen, P.E., TX License No. 65529

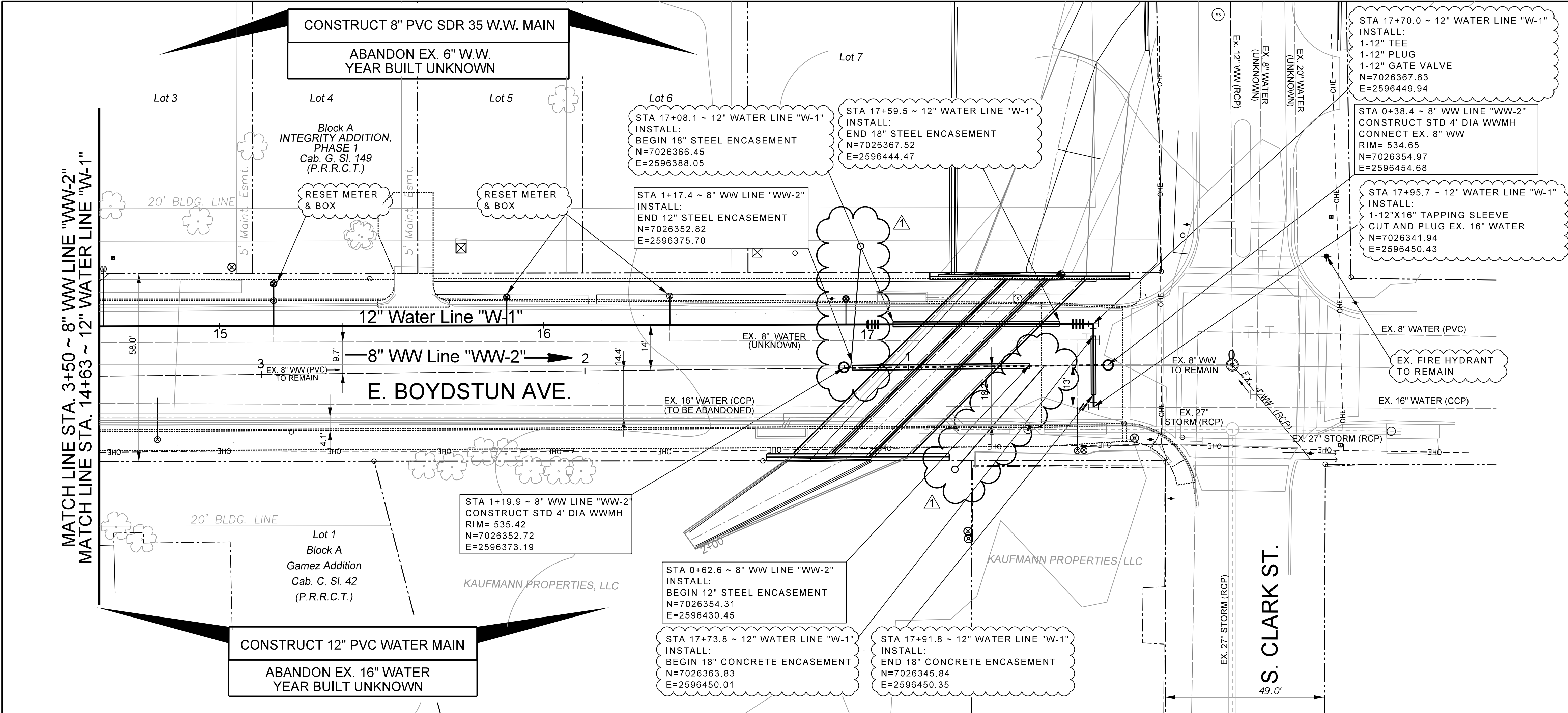
STATE OF TEXAS
JASON A. PAYNE
101423
LICENSED PROFESSIONAL ENGINEER

12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

EJES
INCORPORATED

WATER & WASTEWATER
E. BOYDSTUN AVE.
FROM S. GOLIAD ST TO S. CLARK ST
PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H 1"= 5' V			62



NOTE:
SEE SHEETS
61 - 63 FOR
WATER
PROFILE

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James Allen, P.E., TX License No. 65292 Date: JULY 26, 2019

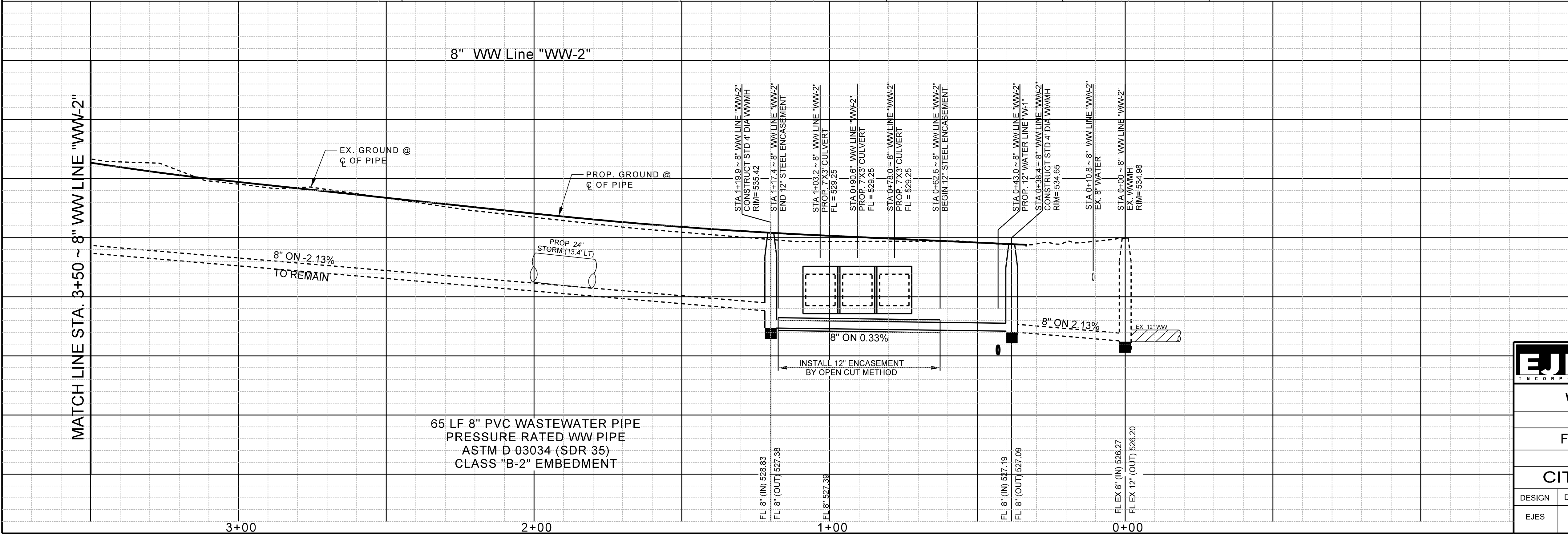
AS BUILT: 8-12-2019

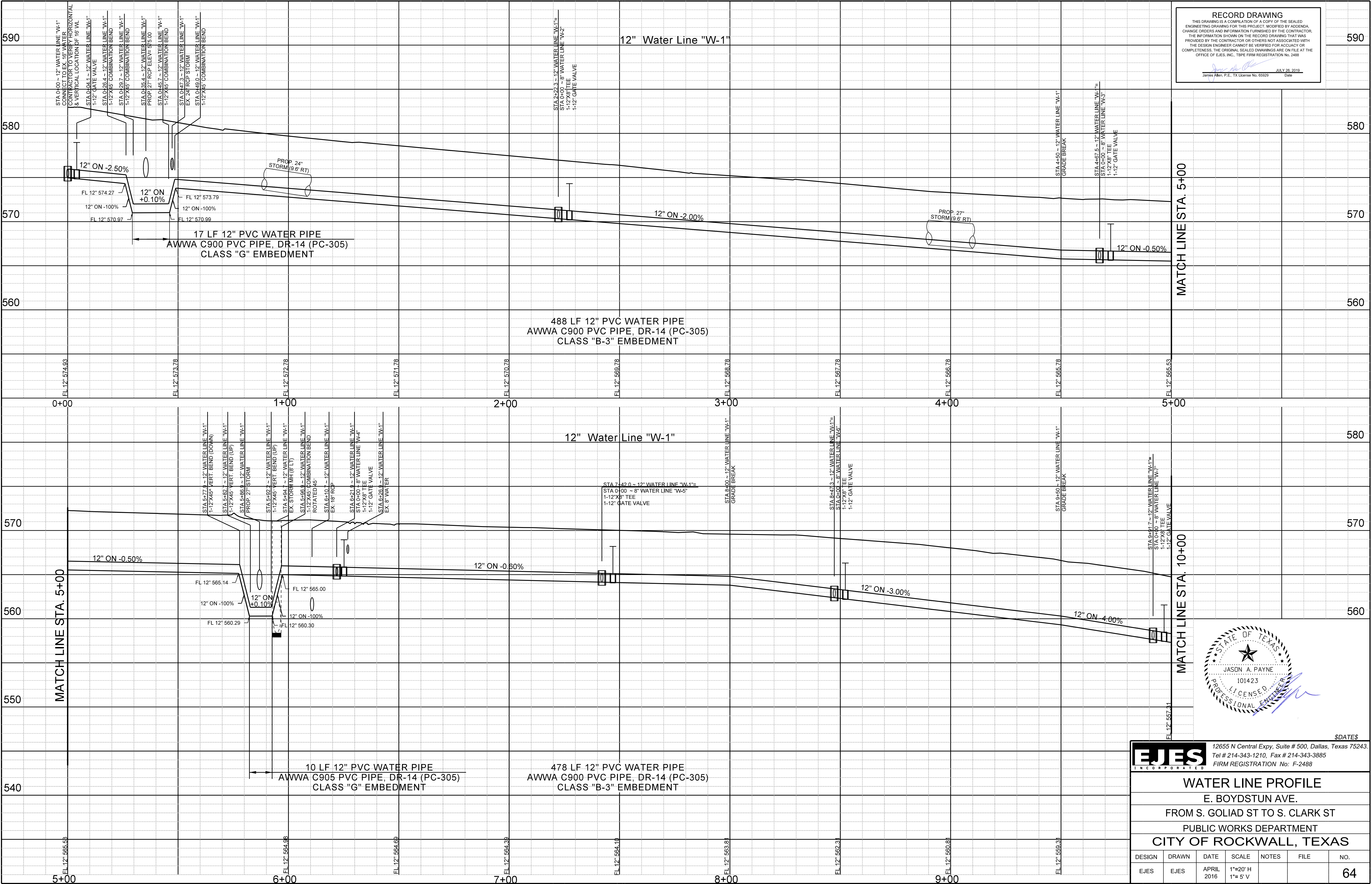


12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

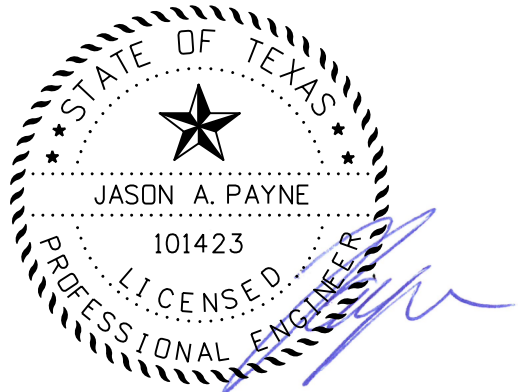
WATER & WASTEWATER
E. BOYDSTUN AVE.
FROM S. GOLIAD ST TO S. CLARK ST
PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	SHEET NO.
EJES	EJES	MAY 2017	1"=20' H 1"=5' V			63R





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OFFICE OF E.J.E.S., INC. FIRM REGISTRATION NO. 2488
James Allen, P.E., TX License No. 65629 Date

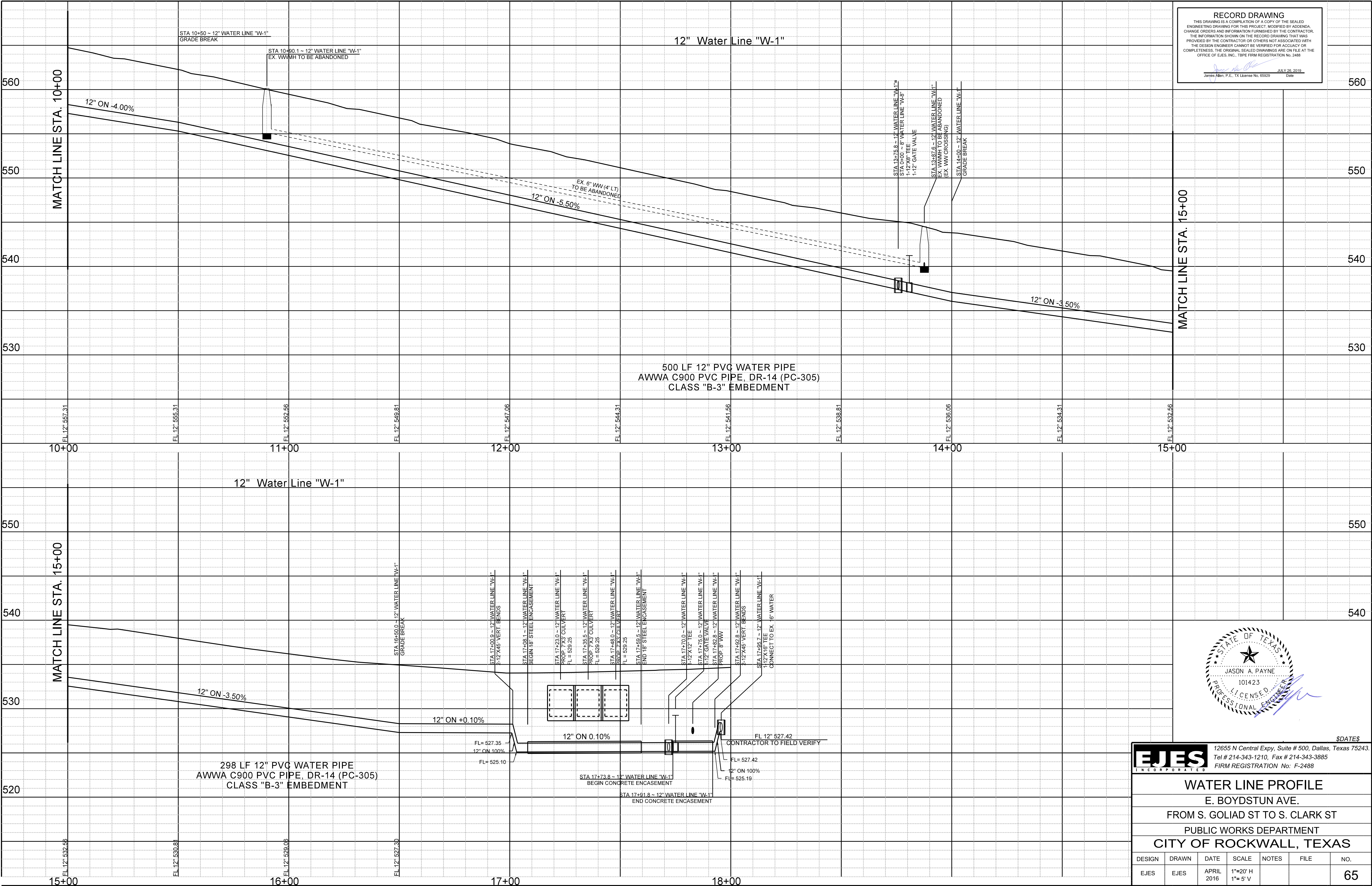


EJES
INCORPORATED

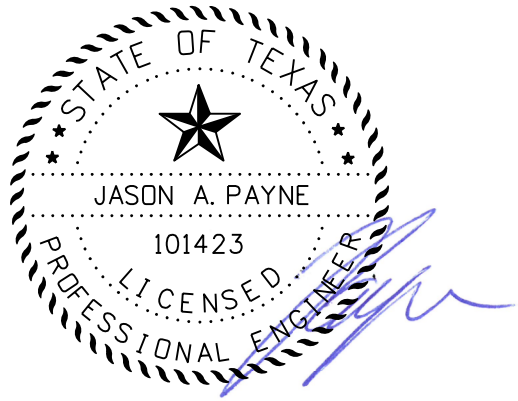
12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488


WATER LINE PROFILE
E. BOYDSTUN AVE.
FROM S. GOLIAD ST TO S. CLARK ST
PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	APRIL 2016	1"=20' H 1"= 5' V			64



RECORD DRAWING
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OFFICE OF E.J.E.S., INC., TUBE FIRM REGISTRATION NO. 2488
James Allen, P.E., TX License No. 65529 Date JULY 26, 2019





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Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

WATER LINE PROFILE

E. BOYDSTUN AVE.

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

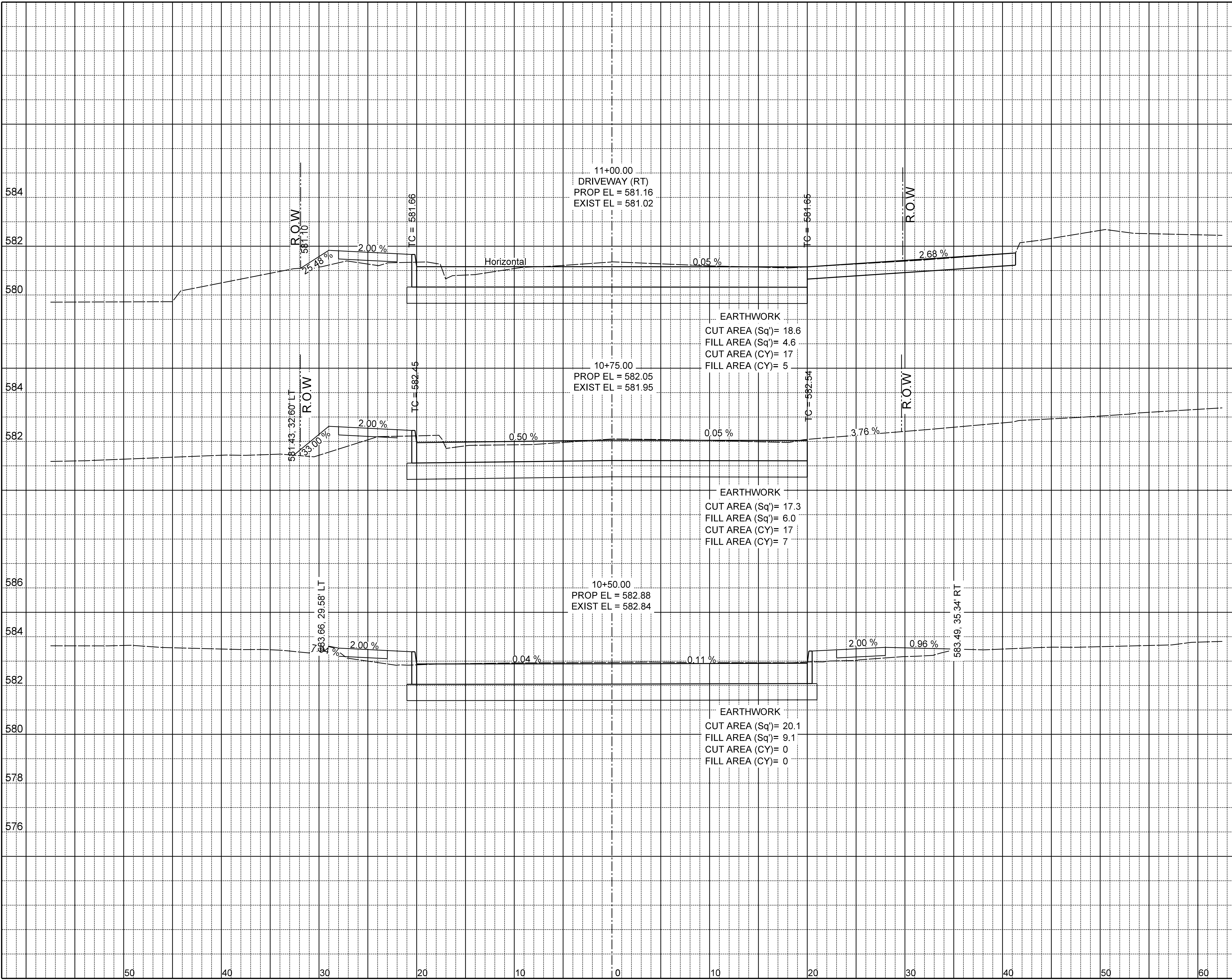
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	APRIL 2016	1"=20' H 1"= 5' V			65




\$DATES

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James Allen JULY 26, 2019
James Allen, P.E., TX License No. 65929 Date



1
27



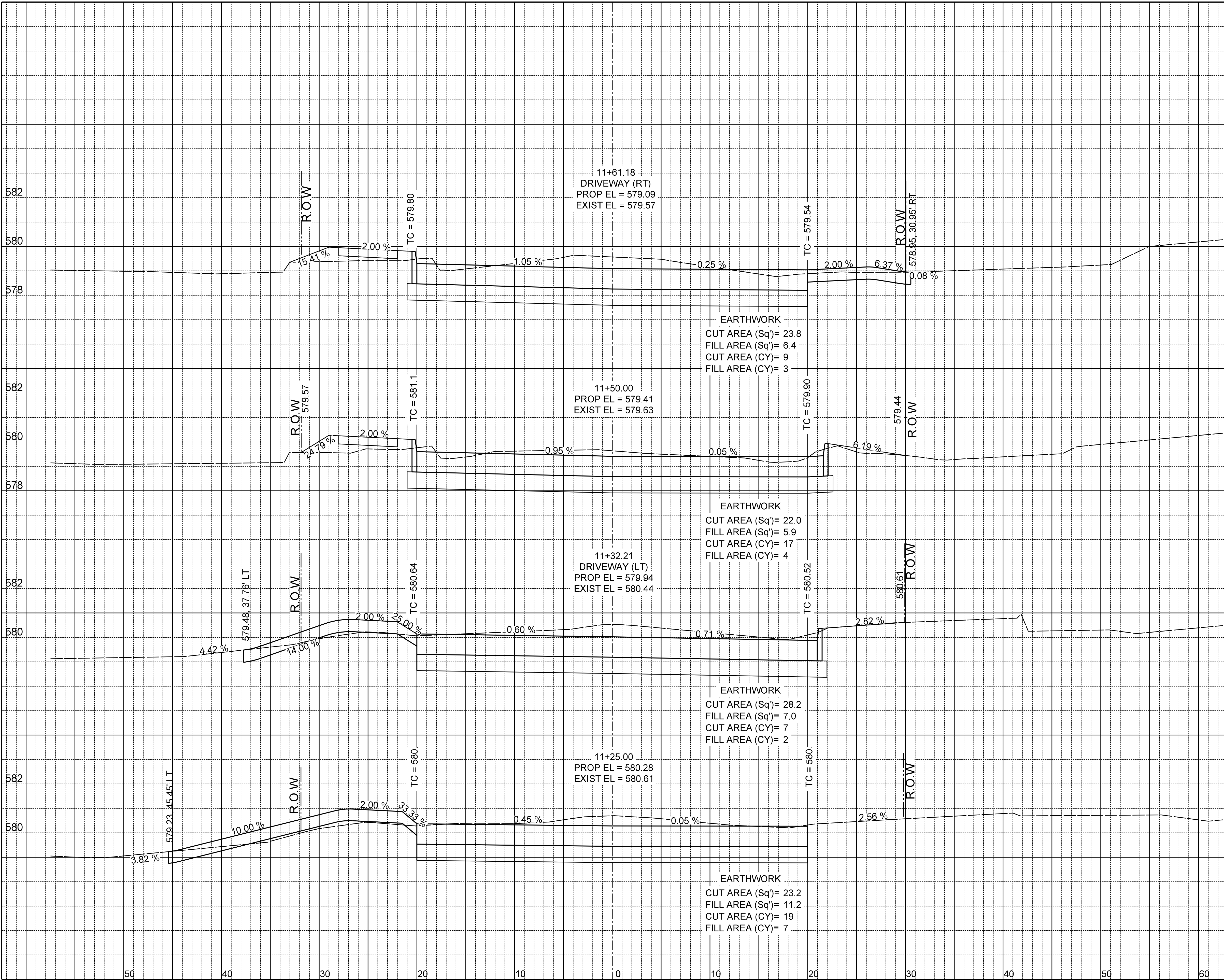
12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

CROSS SECTIONS						
BOYDSTUN STREET						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			67




\$DATES

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James Allen JULY 26, 2019
James Allen, P.E., TX License No. 65929 Date



2
27



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Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

CROSS SECTIONS

BOYDSTUN STREET

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			68



\$DATES

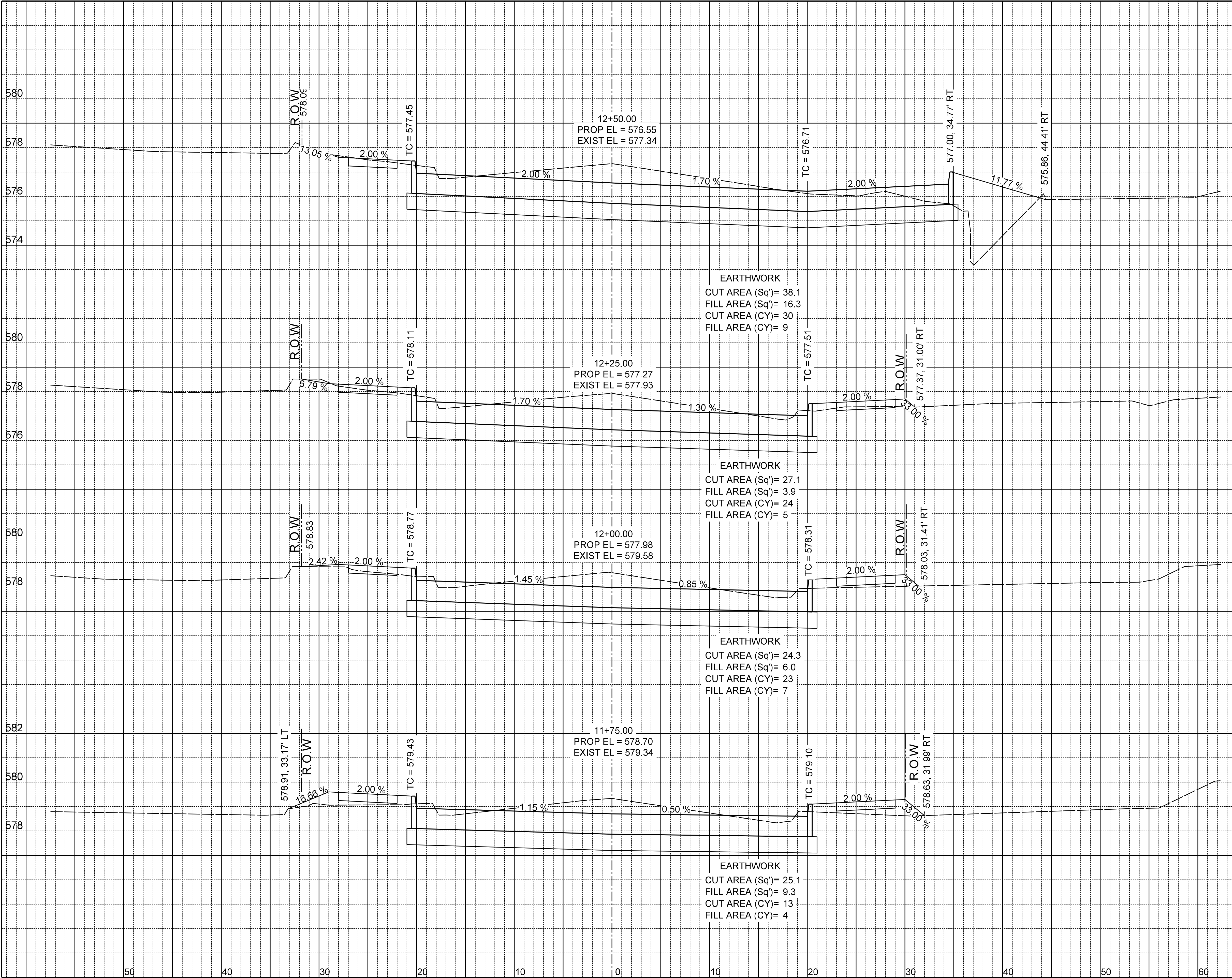
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James Allen, P.E., TX License No. 65929

JULY 26, 2019

Date



EARTHWORK
CUT AREA (Sq')= 38.1
FILL AREA (Sq')= 16.3
CUT AREA (CY)= 30
FILL AREA (CY)= 9

EARTHWORK
CUT AREA (Sq')= 27.1
FILL AREA (Sq')= 3.9
CUT AREA (CY)= 24
FILL AREA (CY)= 5

EARTHWORK
CUT AREA (Sq')= 24.3
FILL AREA (Sq')= 6.0
CUT AREA (CY)= 23
FILL AREA (CY)= 7

EARTHWORK
CUT AREA (Sq')= 25.1
FILL AREA (Sq')= 9.3
CUT AREA (CY)= 13
FILL AREA (CY)= 4

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CROSS SECTIONS

BOYDSTUN STREET

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			69



\$DATES

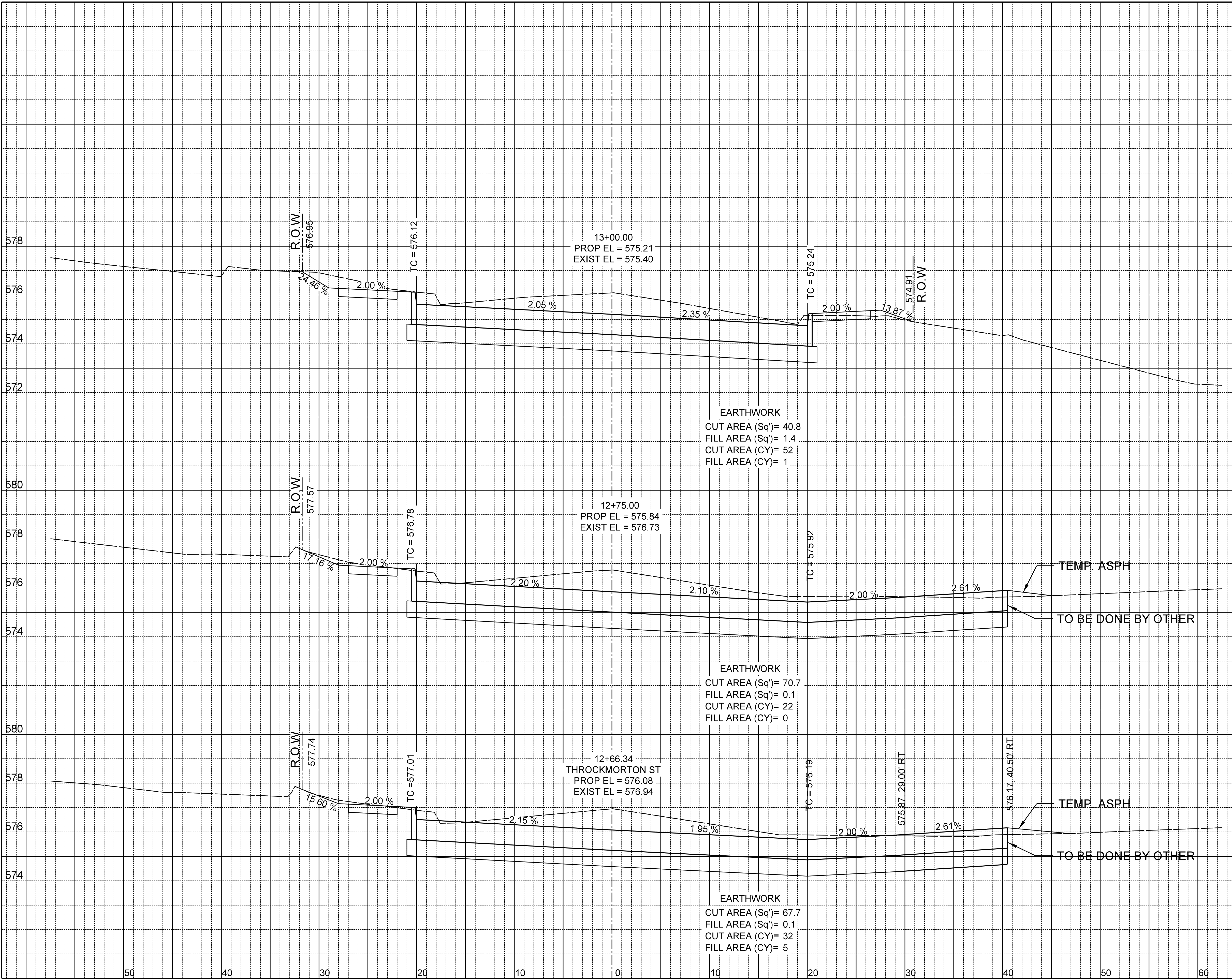
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James Allen, P.E., TX License No. 65929

JULY 26, 2019

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FIRM REGISTRATION No: F-2488

CROSS SECTIONS

BOYDSTUN STREET

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			70



\$DATES

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James Allen, P.E., TX License No. 65929

JULY 26, 2019

Date

EARTHWORK
CUT AREA (Sq')= 30.2
FILL AREA (Sq')= 4.6
CUT AREA (CY)= 20
FILL AREA (CY)= 3

EARTHWORK
CUT AREA (Sq')= 31.2
FILL AREA (Sq')= 3.2
CUT AREA (CY)= 8
FILL AREA (CY)= 1

EARTHWORK
CUT AREA (Sq')= 31.4
FILL AREA (Sq')= 2.7
CUT AREA (CY)= 30
FILL AREA (CY)= 4

EARTHWORK
CUT AREA (Sq')= 32.9
FILL AREA (Sq')= 4.9
CUT AREA (CY)= 34
FILL AREA (CY)= 3

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CROSS SECTIONS

BOYDSTUN STREET

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			71



\$DATES

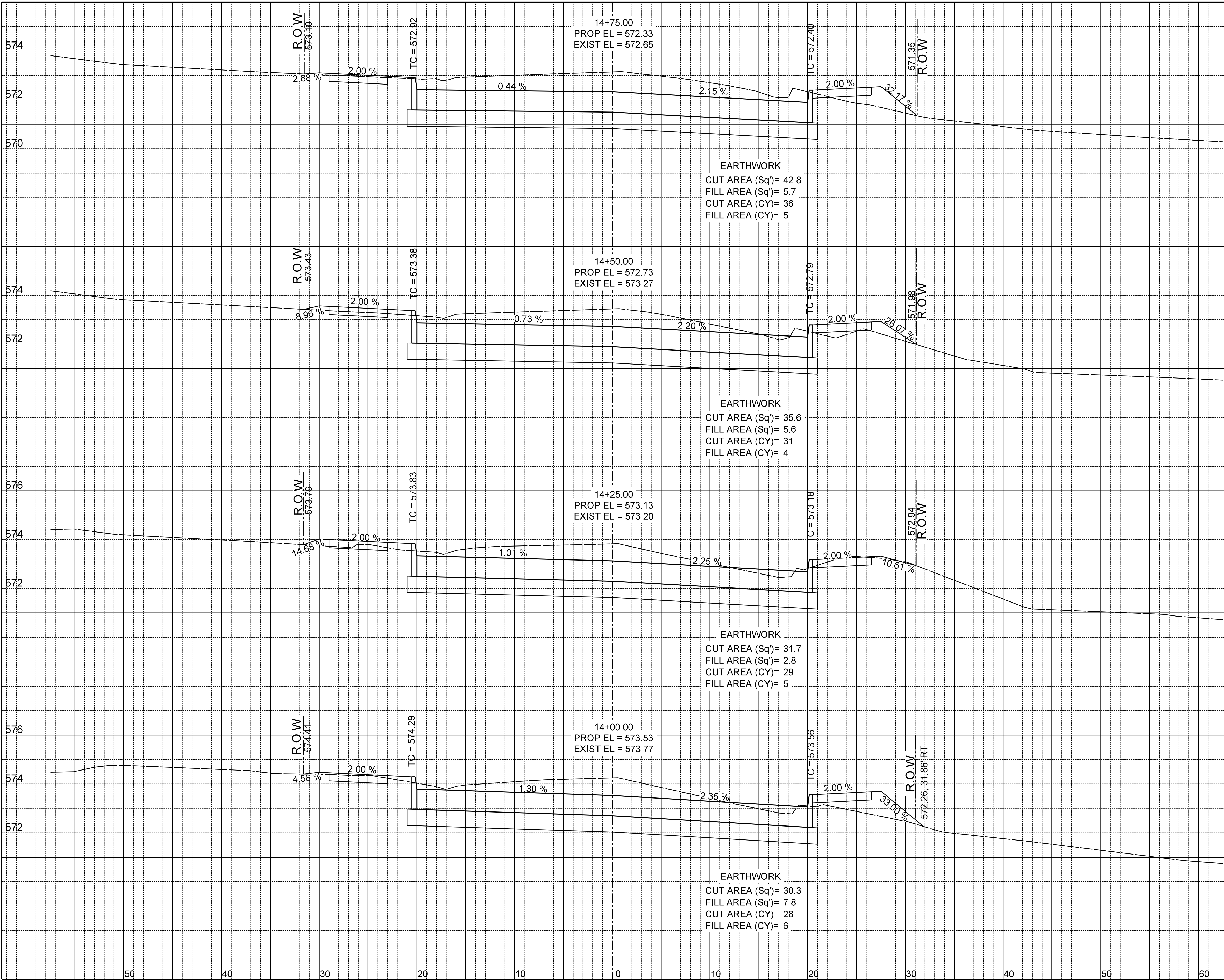
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James Allen, P.E., TX License No. 65929

JULY 26, 2019

Date



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FIRM REGISTRATION No: F-2488

CROSS SECTIONS

BOYDSTUN STREET

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			72



\$DATES

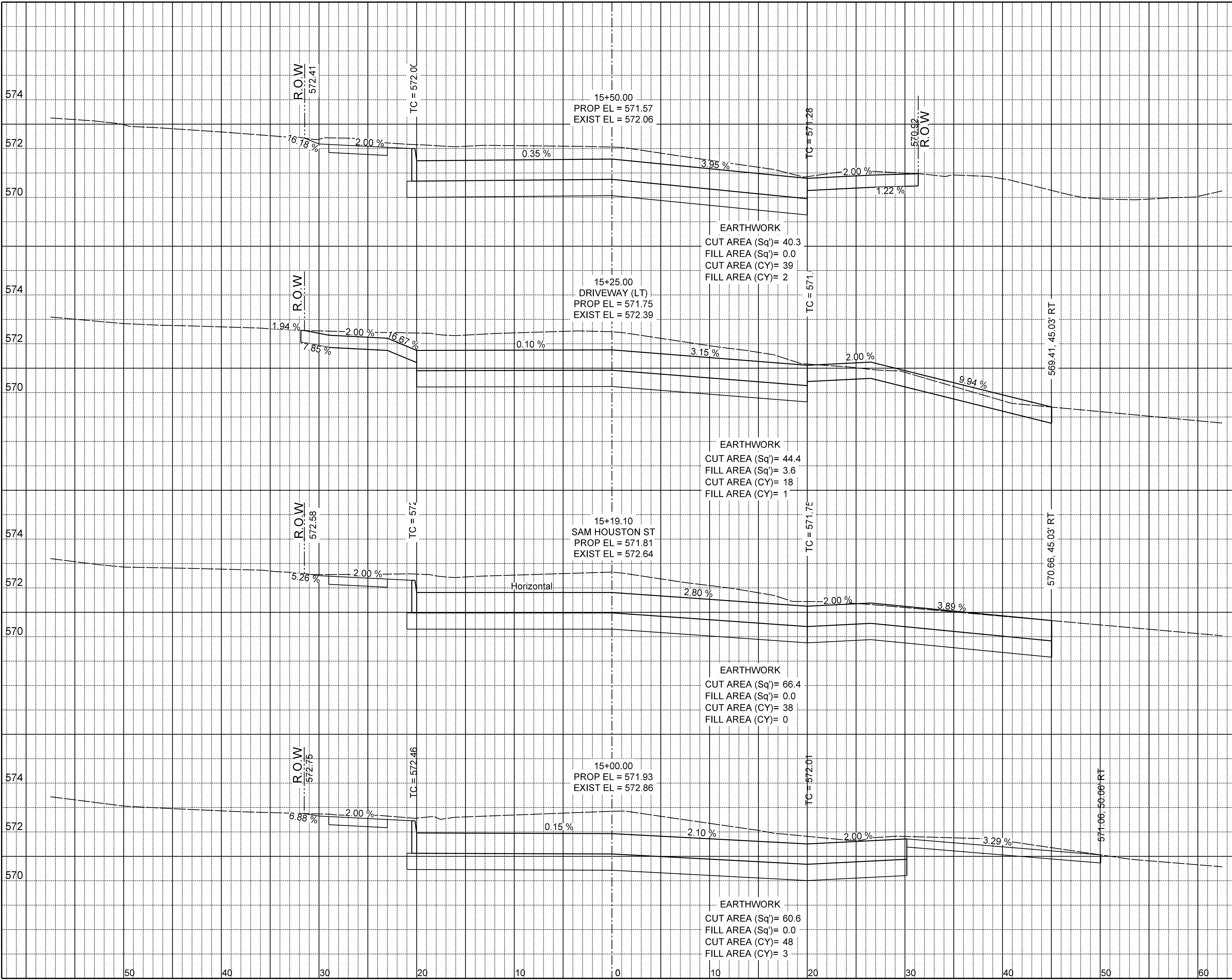
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James Allen, P.E., TX License No. 65929

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CROSS SECTIONS

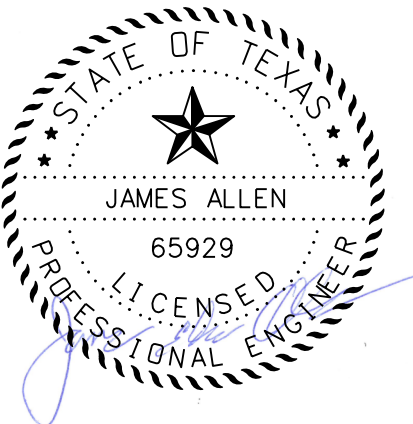
BOYDSTUN STREET

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DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			73



\$DATES

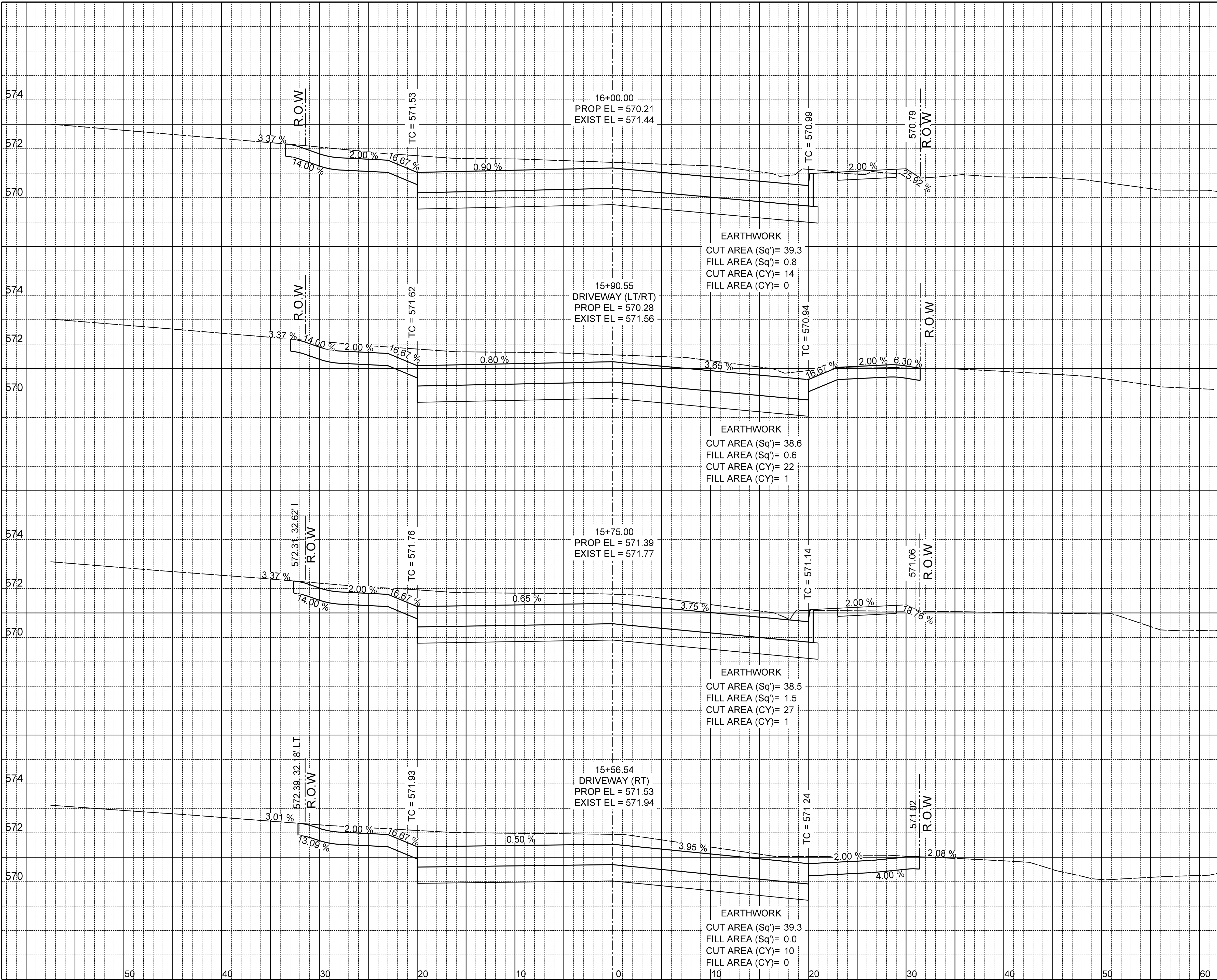
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CROSS SECTIONS

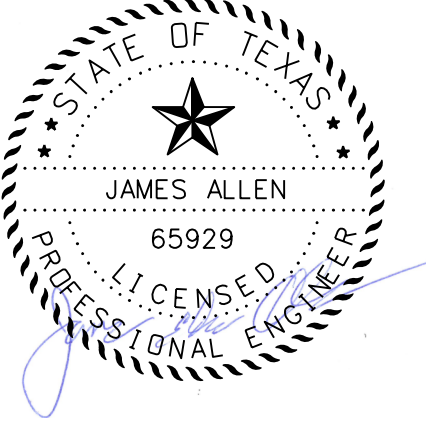
BOYDSTUN STREET

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

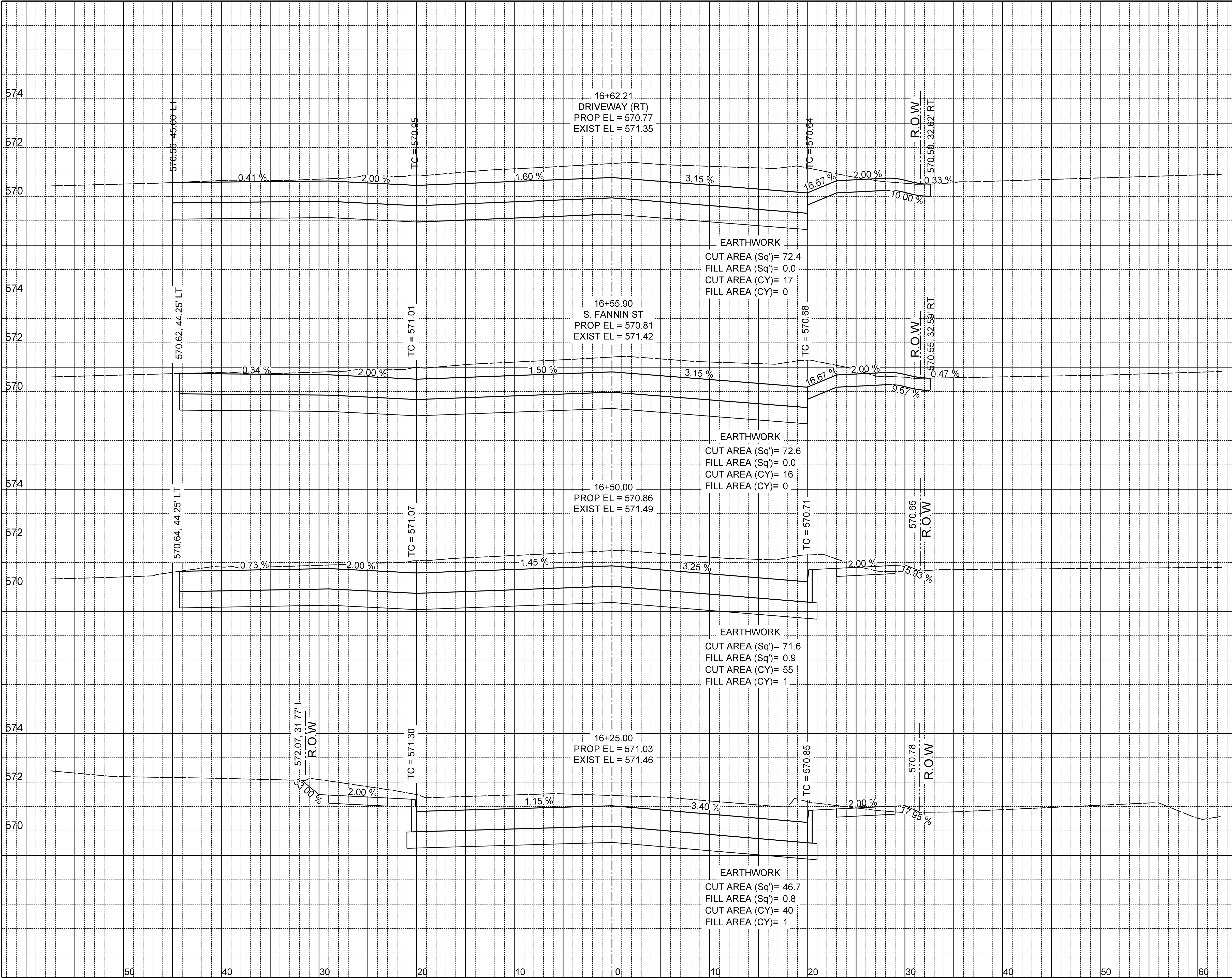
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			74



\$DATES

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James Allen JULY 26, 2019
James Allen, P.E., TX License No. 65929 Date



9
27

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Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

CROSS SECTIONS
BOYDSTUN STREET
FROM S. GOLIAD ST TO S. CLARK ST
PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			75



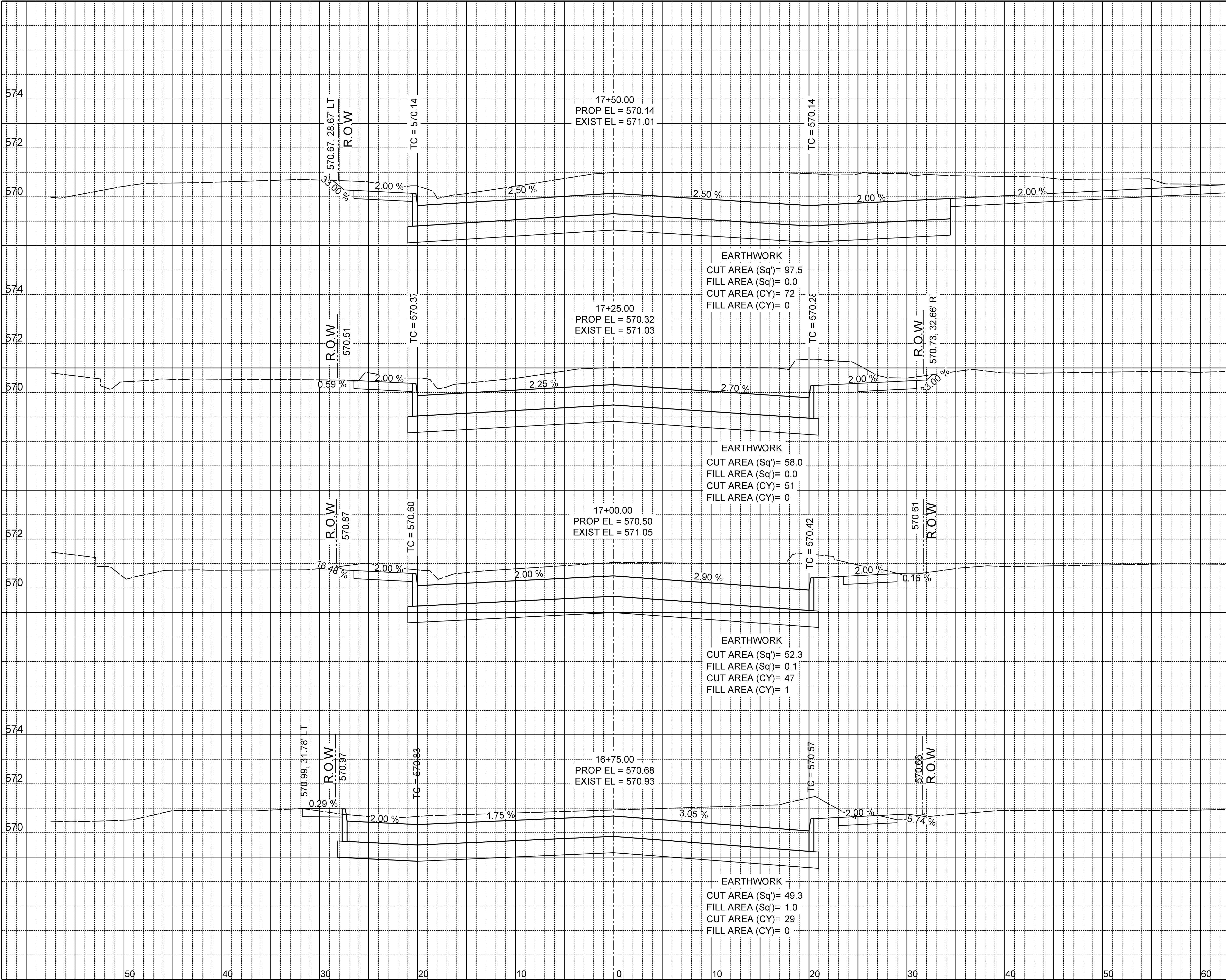
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RECORD DRAWING

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James Allen, P.E., TX License No. 65929

JULY 26, 2019
Date



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EJES
INCORPORATED

12655 N Central Expy, Suite # 500, Dallas, Texas 75243.
Tel # 214-343-1210, Fax # 214-343-3885
FIRM REGISTRATION No: F-2488

CROSS SECTIONS

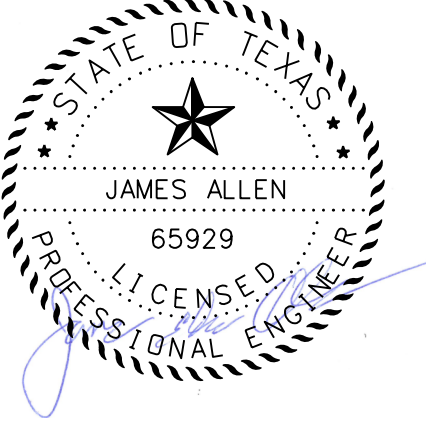
BOYDSTUN STREET

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

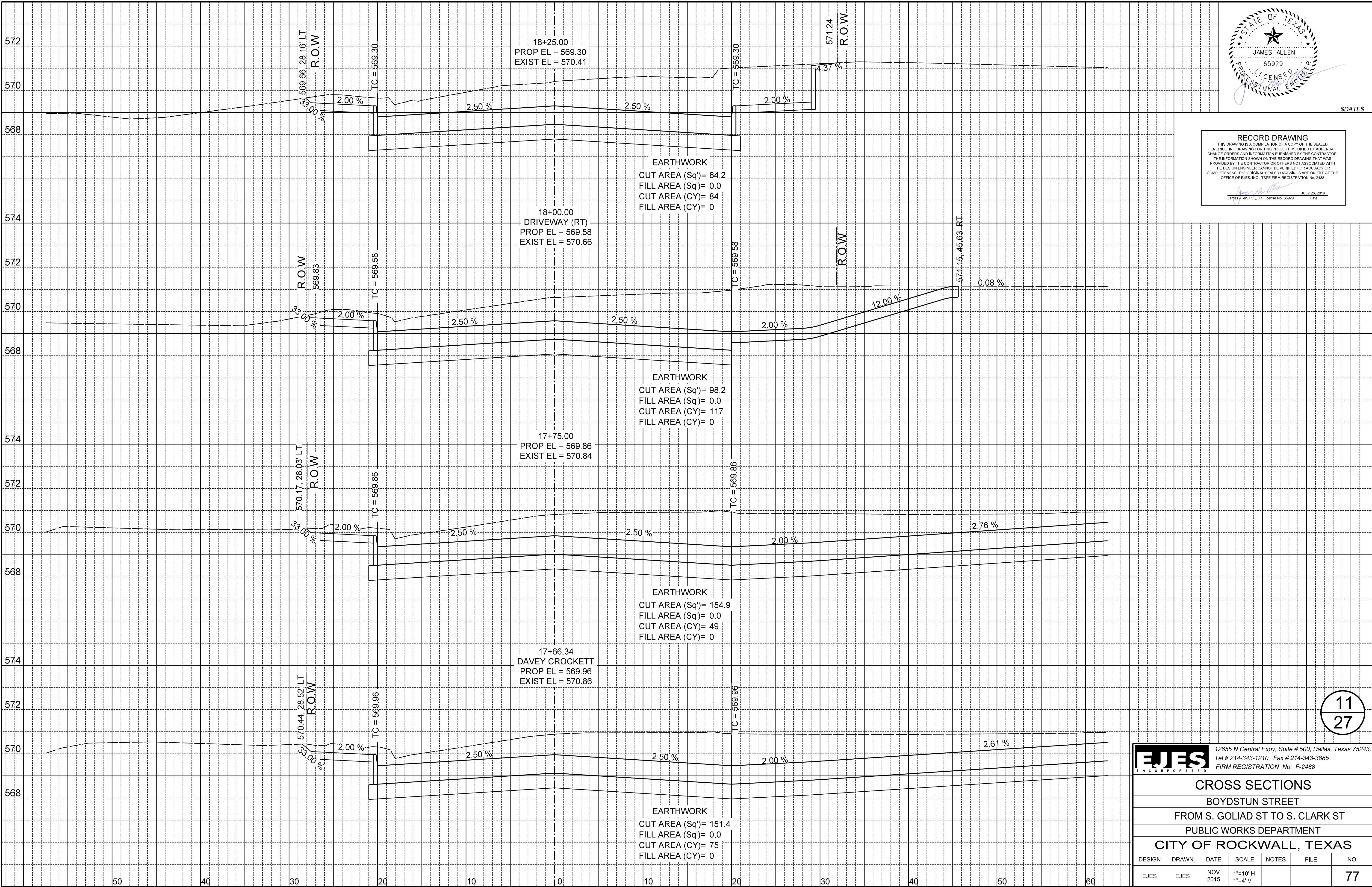
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			76



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James Allen JULY 26, 2019
James Allen, P.E., TX License No. 65929 Date



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FIRM REGISTRATION No: F-2488

CROSS SECTIONS						
BOYDSTUN STREET						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			77



\$DATES

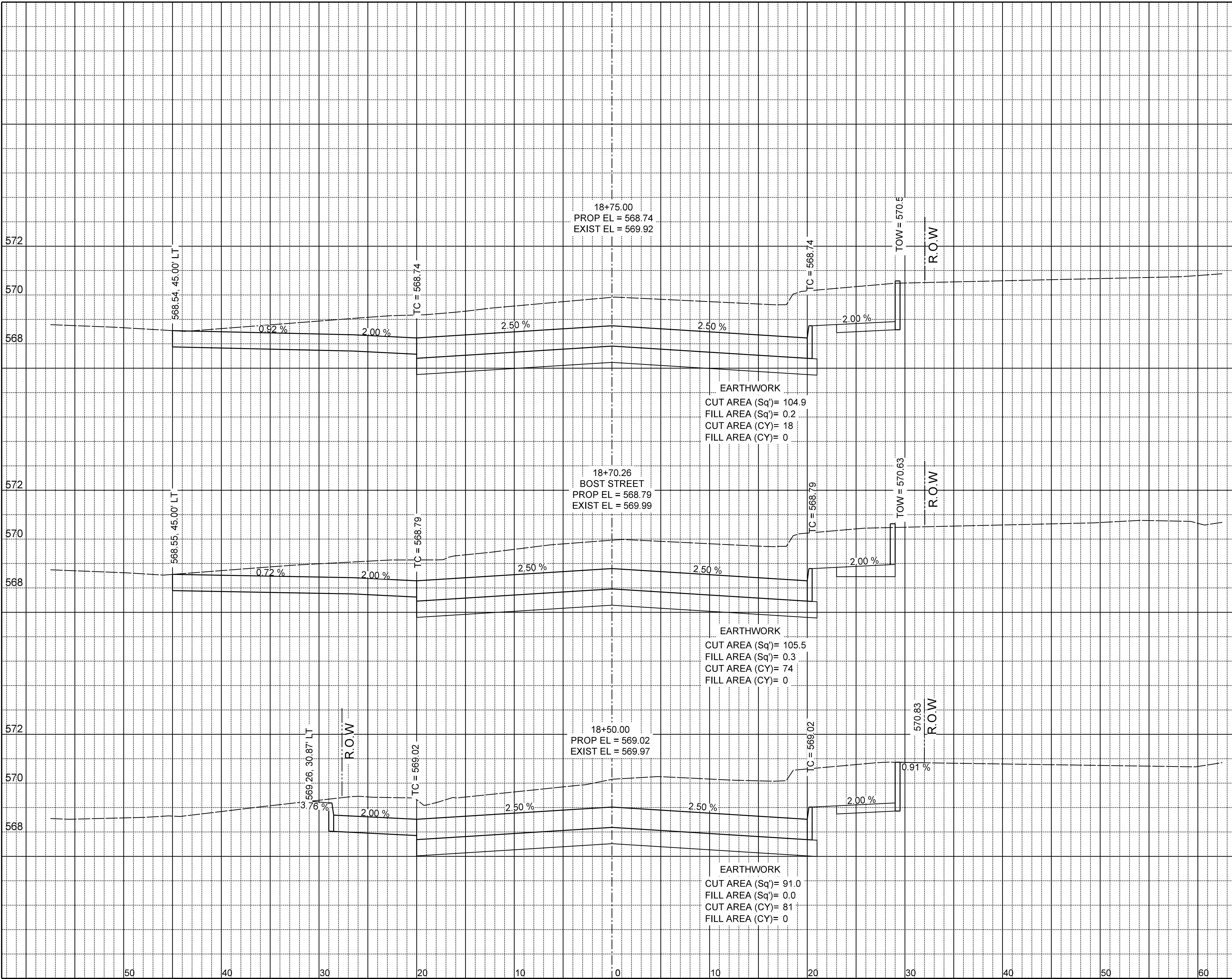
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CROSS SECTIONS

BOYDSTUN STREET

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

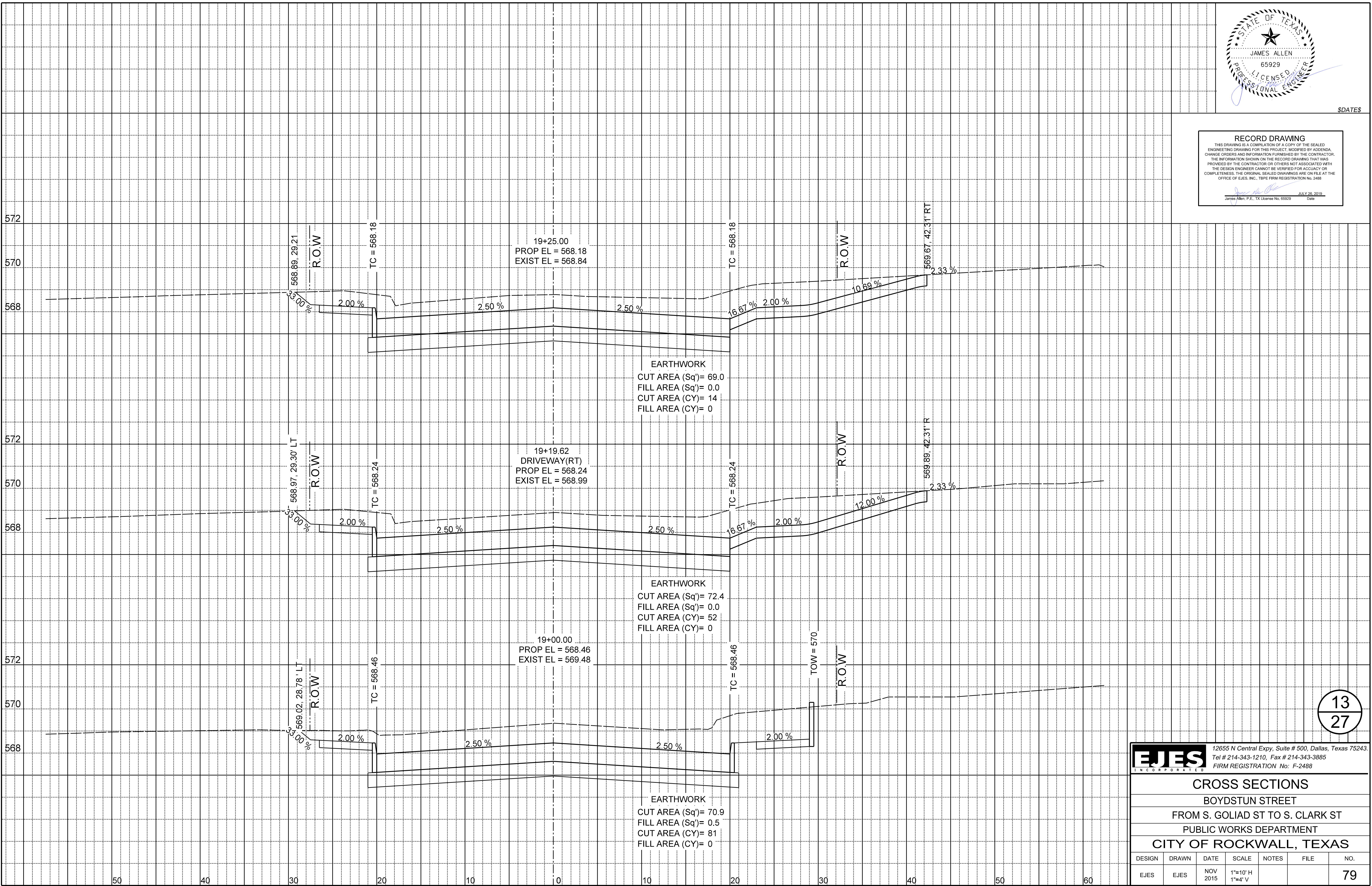
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			78



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CROSS SECTIONS						
BOYDSTUN STREET						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			79



\$DATES

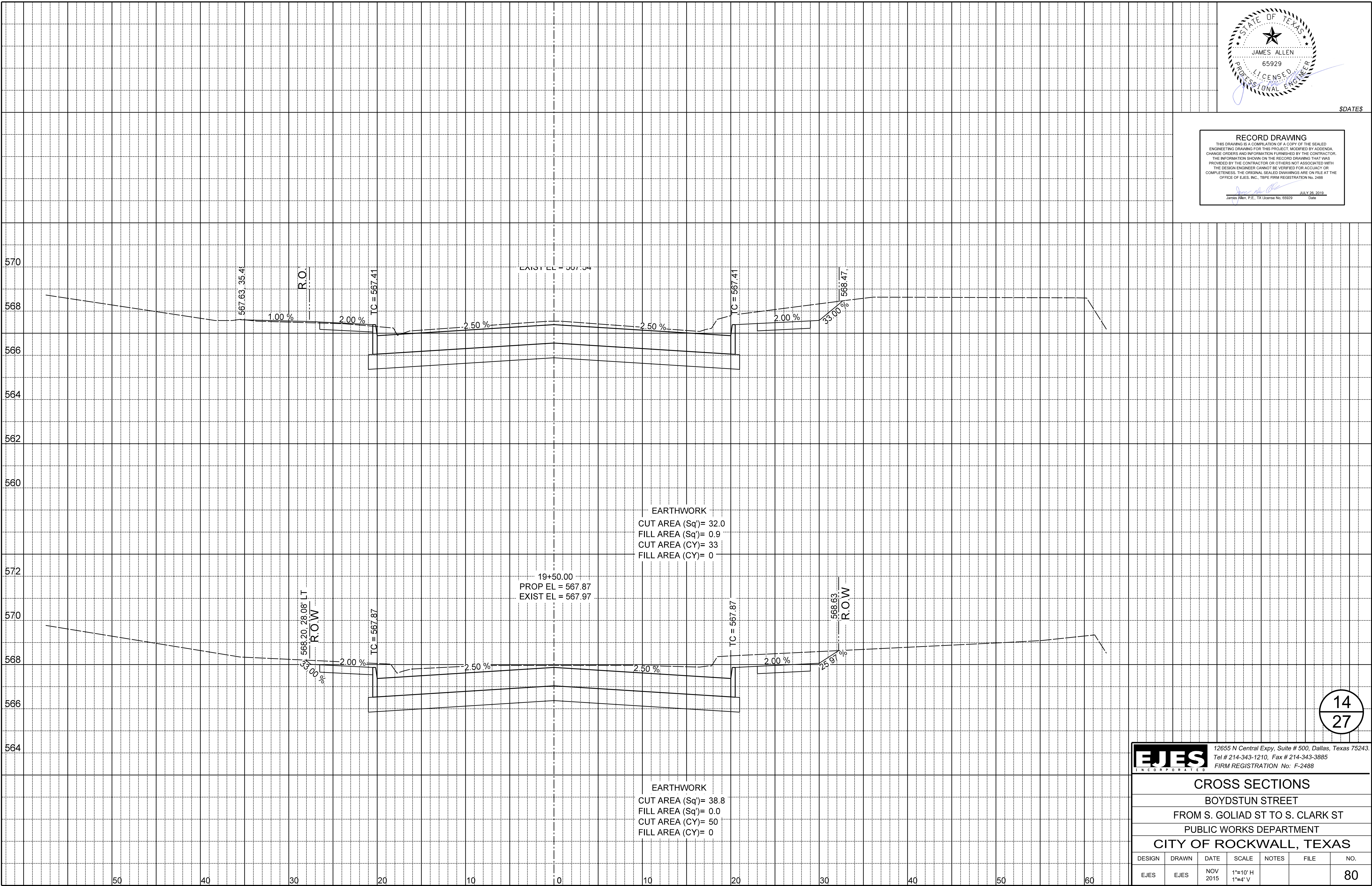
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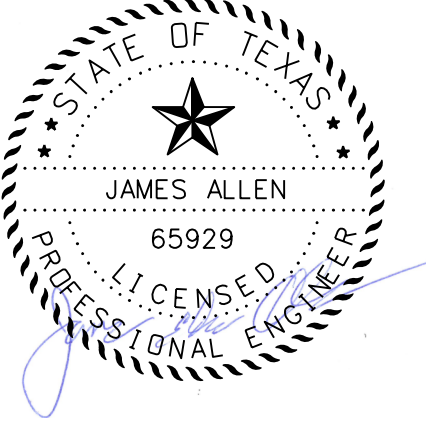
BOYDSTUN STREET

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			80



\$DATES

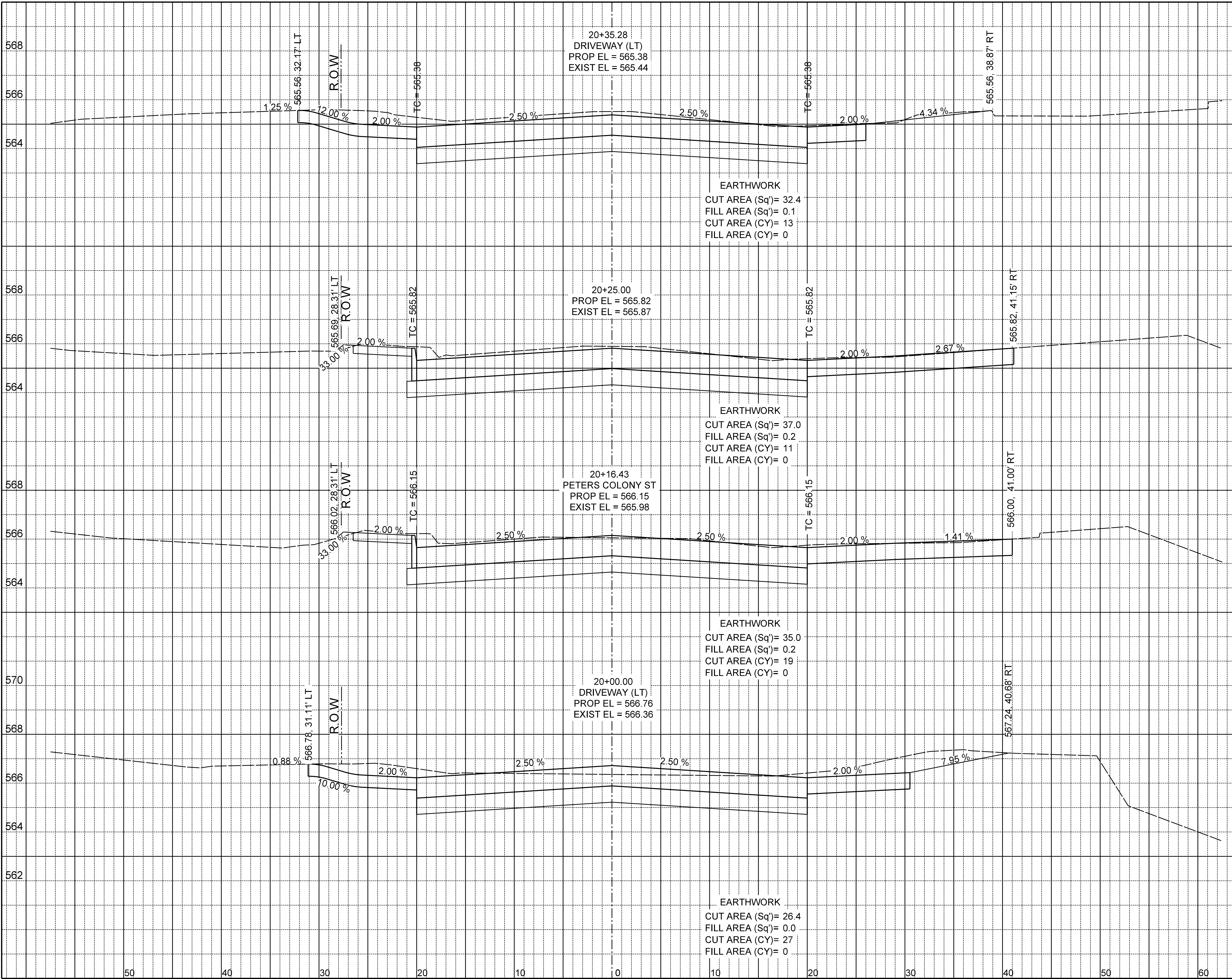
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CROSS SECTIONS

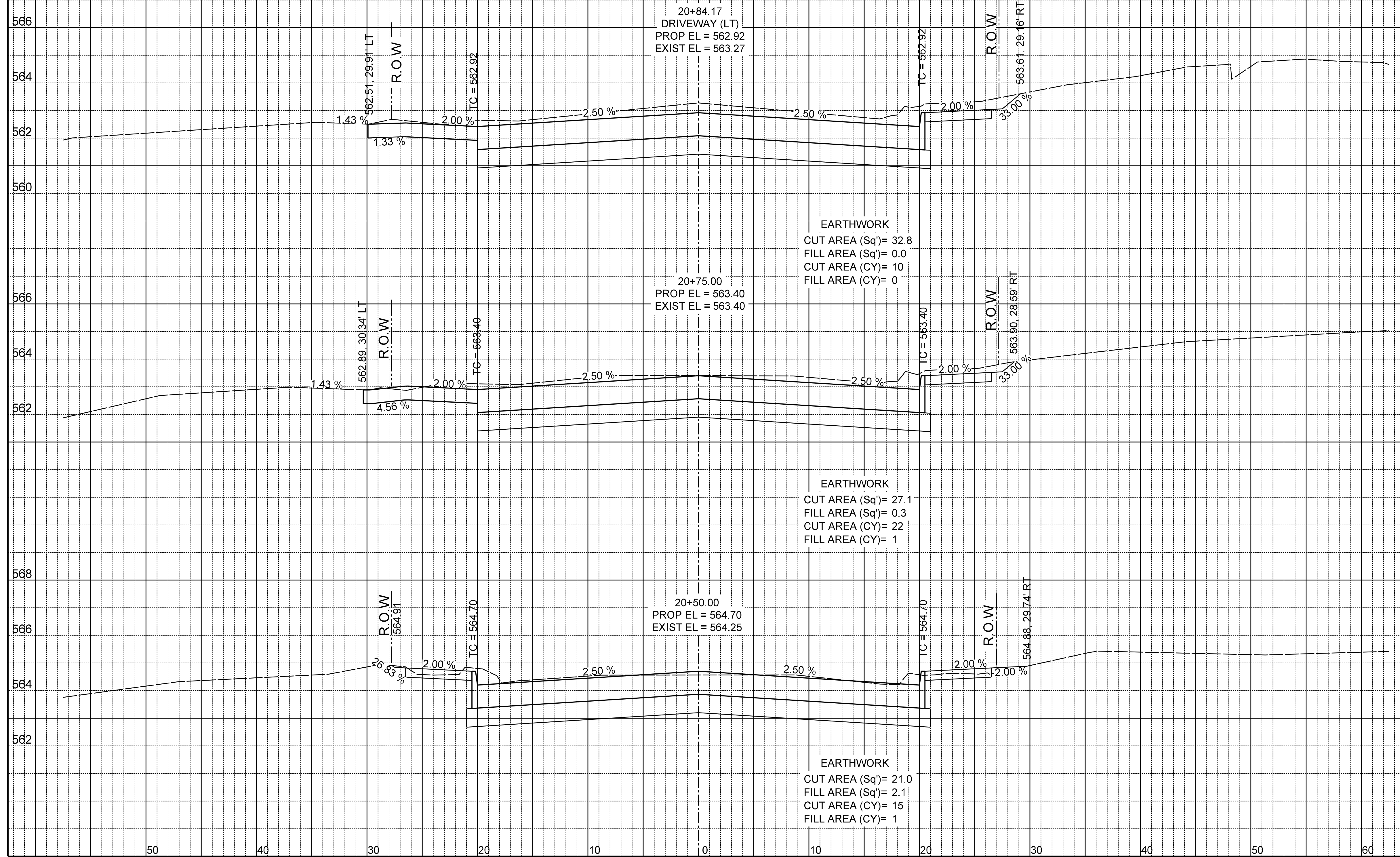

BOYDSTUN STREET


FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			81

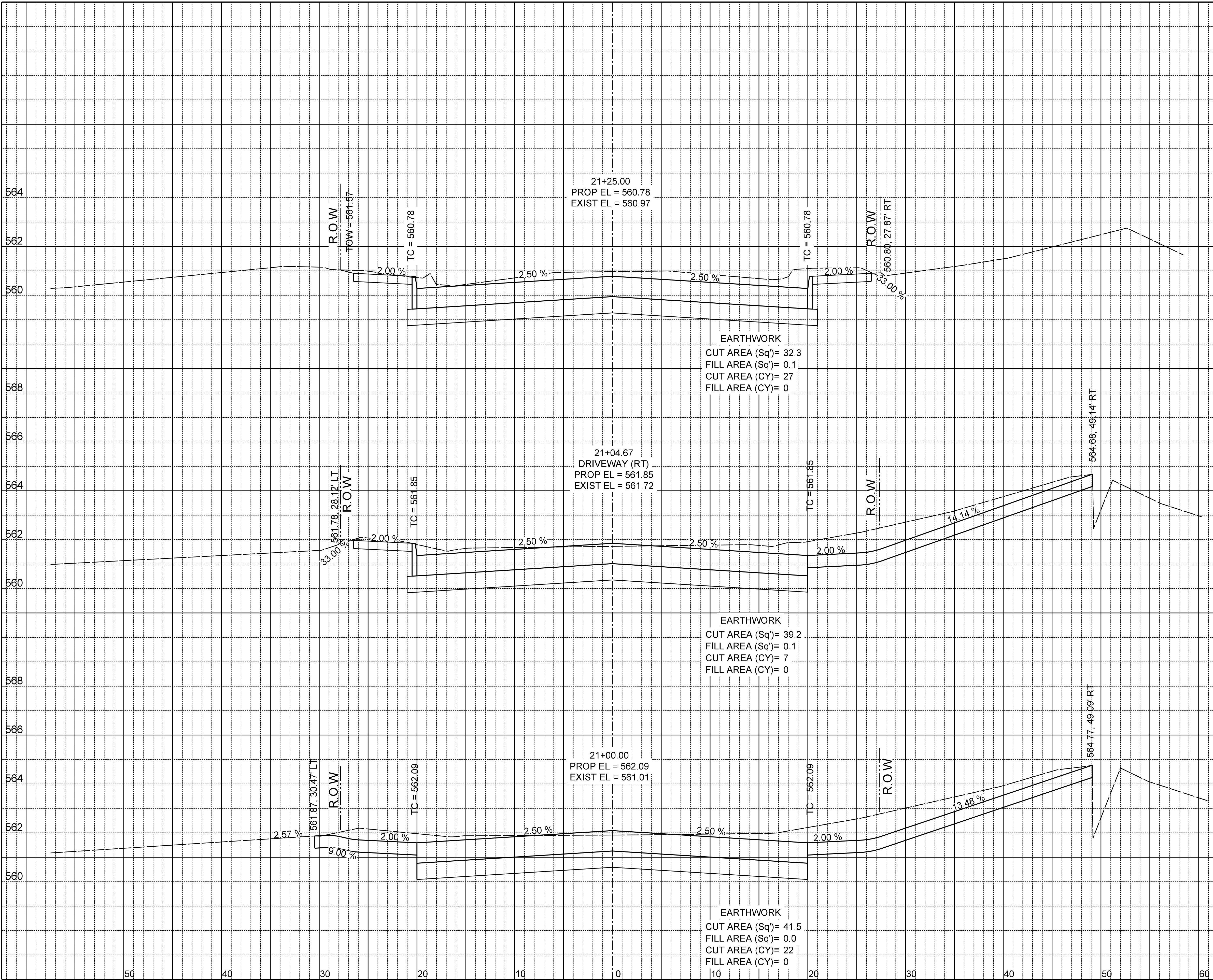


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<h1>CROSS SECTIONS</h1>						
<h2>BOYDSTUN STREET</h2>						
<h3>FROM S. GOLIAD ST TO S. CLARK ST</h3>						
<h4>PUBLIC WORKS DEPARTMENT</h4>						
<h2>CITY OF ROCKWALL, TEXAS</h2>						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			82



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James Allen, P.E., TX License No. 65929 Date



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FIRM REGISTRATION No: F-2488

CROSS SECTIONS
BOYDSTUN STREET
FROM S. GOLIAD ST TO S. CLARK ST
PUBLIC WORKS DEPARTMENT
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			83



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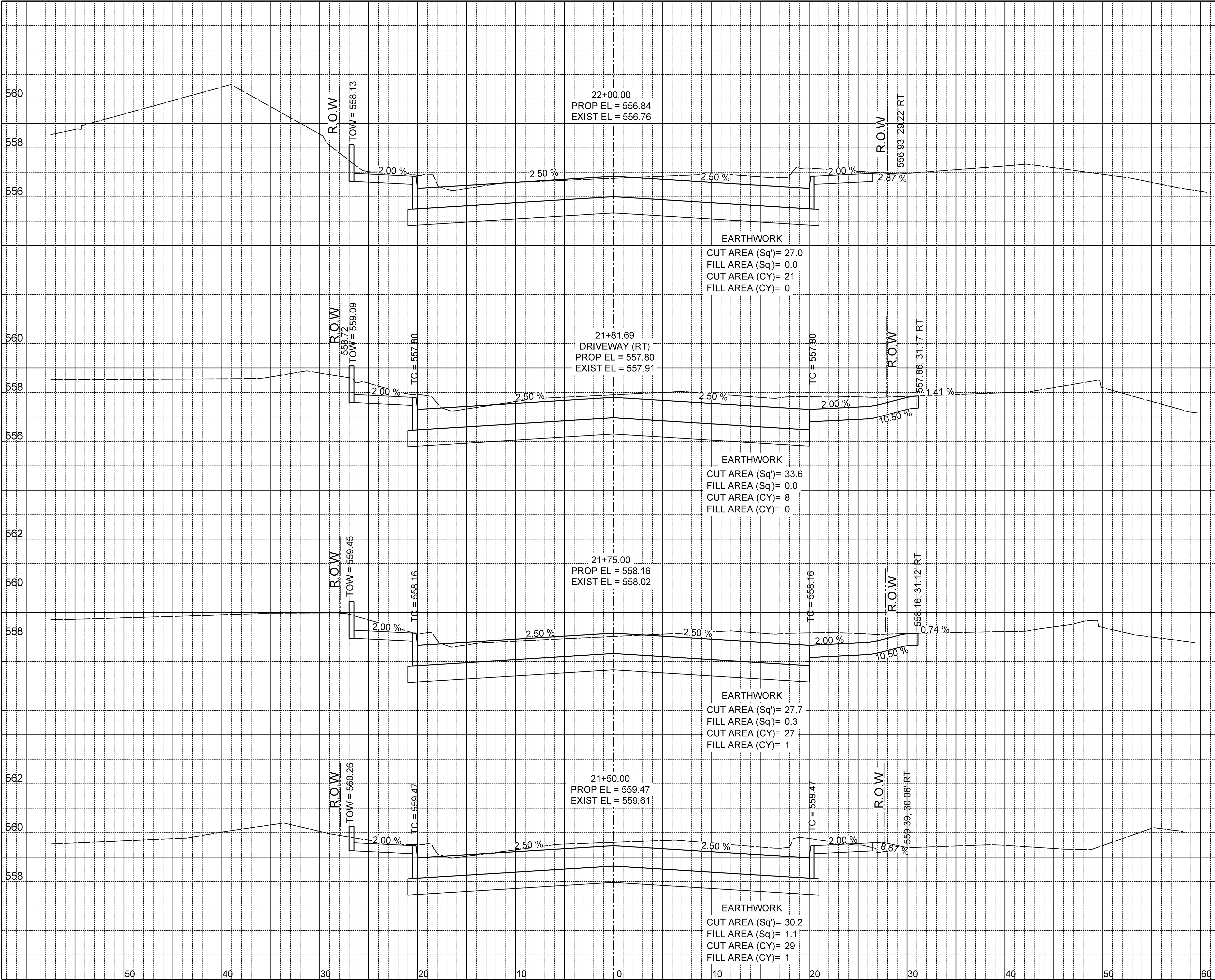
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FROM S. GOLIAD ST TO S. CLARK ST

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CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			84



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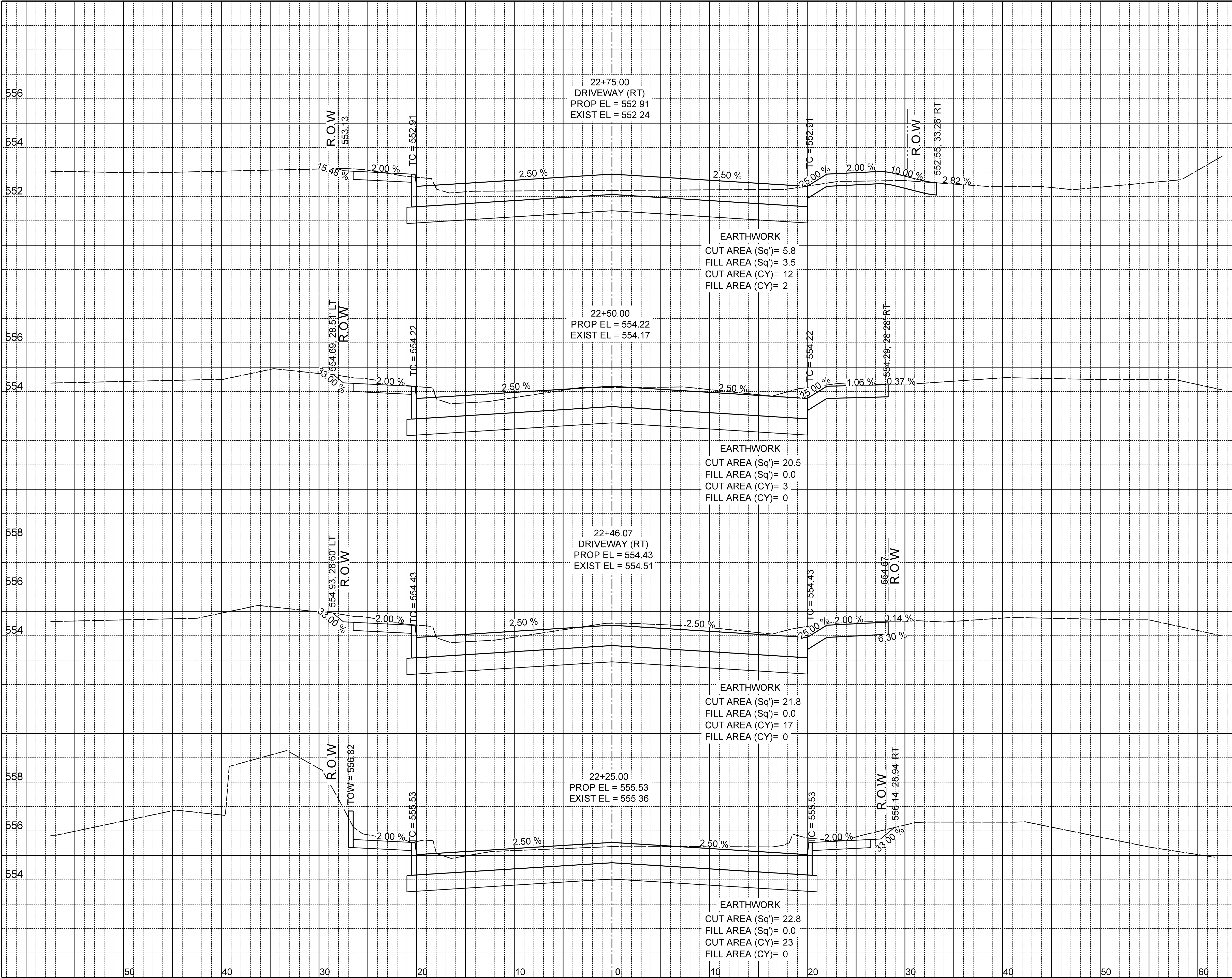
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FROM S. GOLIAD ST TO S. CLARK ST

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CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			85



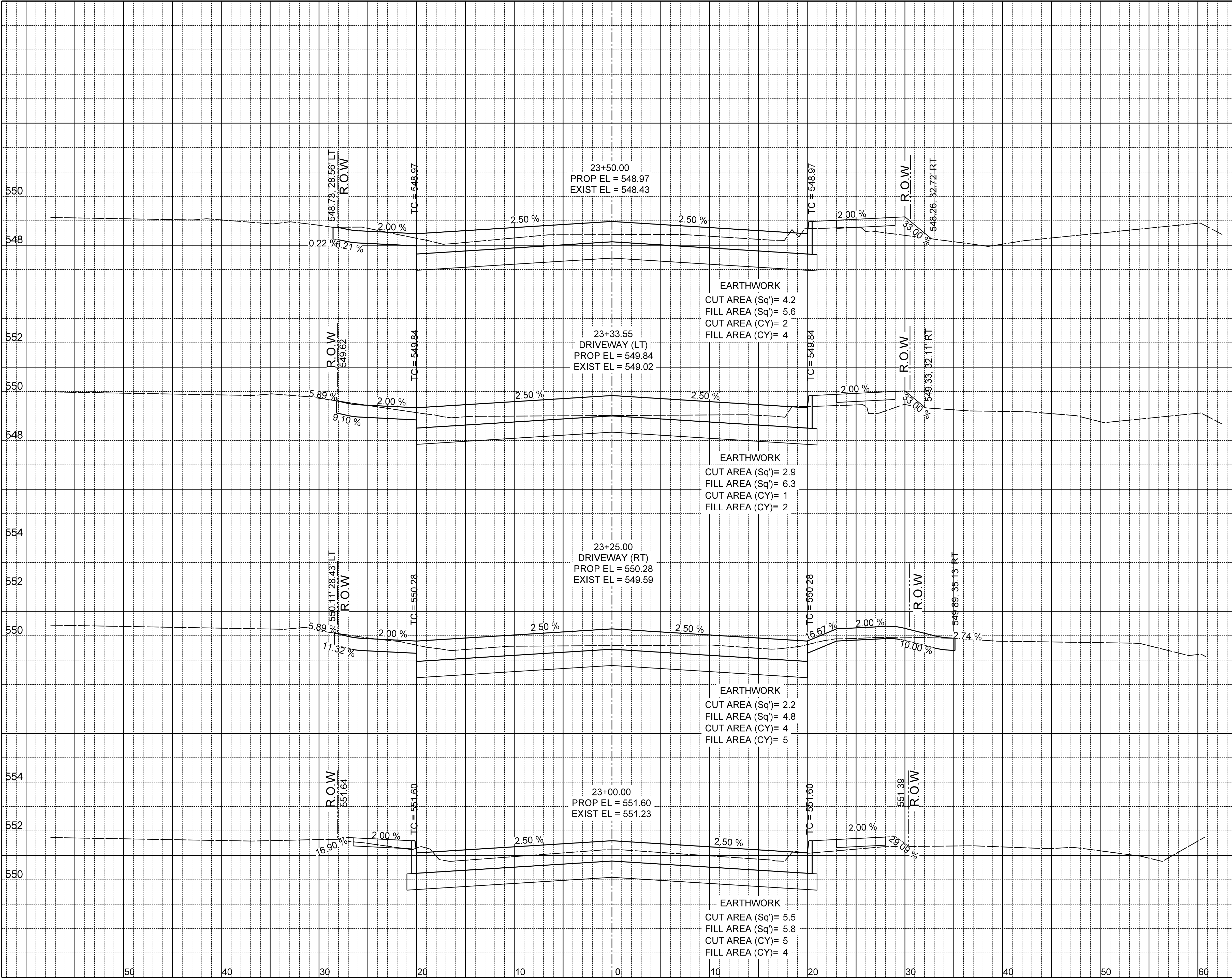
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JAMES ALLEN
P.E., TX License No. 65929

JULY 26, 2019
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CROSS SECTIONS

BOYDSTUN STREET

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

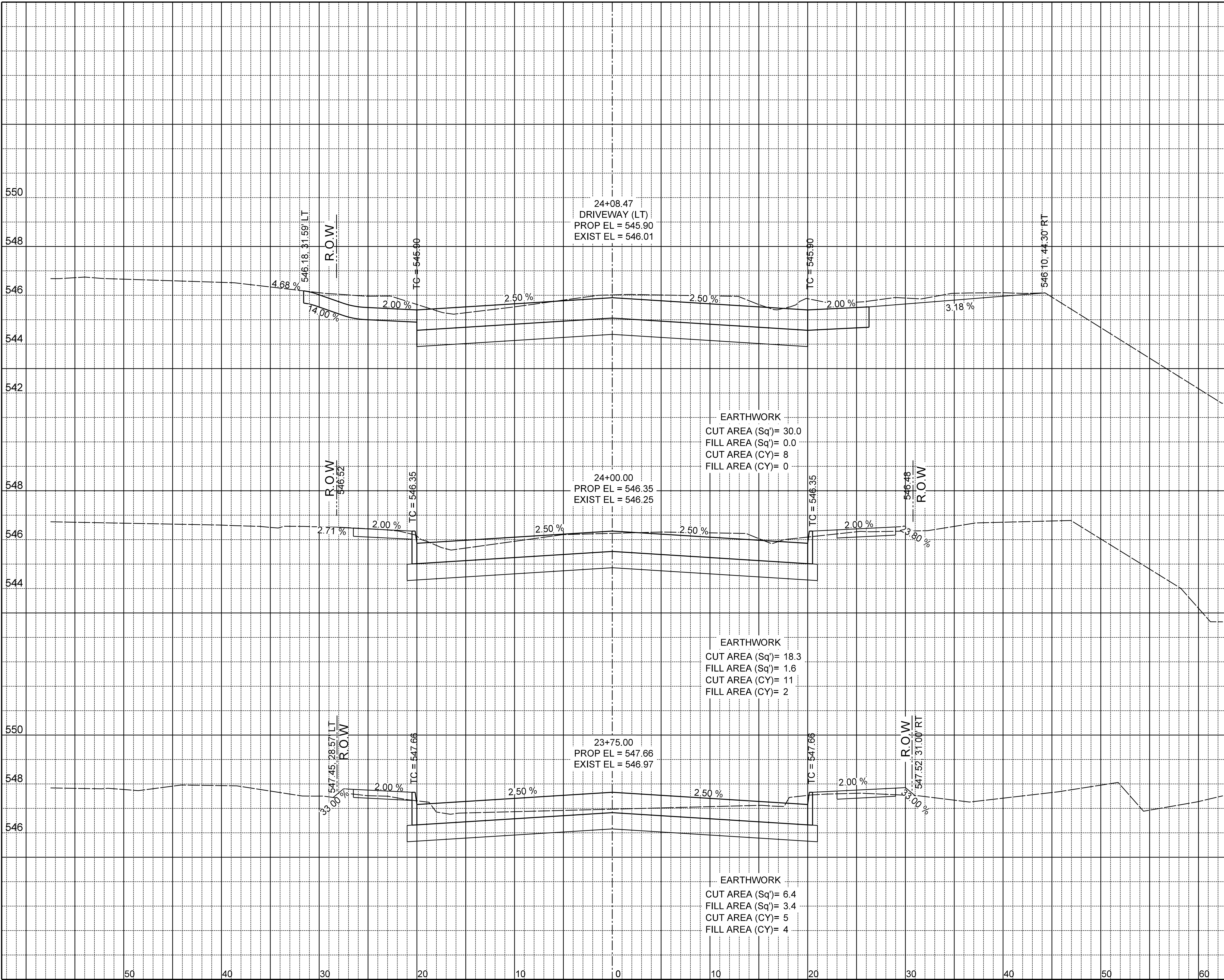
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			86



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James Allen JULY 28, 2019
James Allen, P.E., TX License No. 65929 Date



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27

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FIRM REGISTRATION No: F-2488

CROSS SECTIONS

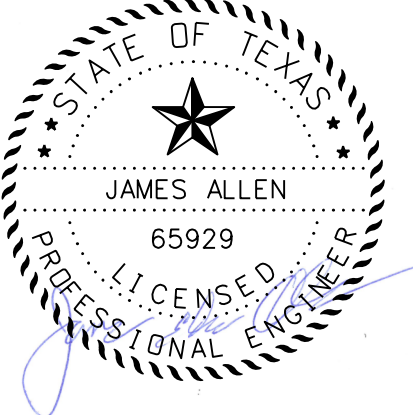
BOYDSTUN STREET

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

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EJES	EJES	NOV 2015	1"=10' H 1"=4' V			87



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James Allen, P.E., TX License No. 65929

JULY 26, 2019

Date

24+69.53
DRIVEWAY (RT)
PROP EL = 542.75
EXIST EL = 543.59

EARTHWORK
CUT AREA (Sq')= 65.5
FILL AREA (Sq')= 0.0
CUT AREA (CY)= 33
FILL AREA (CY)= 0

24+55.29
DRIVEWAY (LT)
PROP EL = 543.45
EXIST EL = 543.89

EARTHWORK
CUT AREA (Sq')= 58.2
FILL AREA (Sq')= 0.0
CUT AREA (CY)= 11
FILL AREA (CY)= 0

24+50.00
PROP EL = 543.72
EXIST EL = 543.96

EARTHWORK
CUT AREA (Sq')= 53.3
FILL AREA (Sq')= 0.0
CUT AREA (CY)= 50
FILL AREA (CY)= 0

24+25.00
SHERMAN ST INTERSECTION
PROP EL = 545.04
EXIST EL = 545.43

EARTHWORK
CUT AREA (Sq')= 54.7
FILL AREA (Sq')= 0.0
CUT AREA (CY)= 26
FILL AREA (CY)= 0

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FIRM REGISTRATION No: F-2488

CROSS SECTIONS						
BOYDSTUN STREET						
FROM S. GOLIAD ST TO S. CLARK ST						
PUBLIC WORKS DEPARTMENT						
CITY OF ROCKWALL, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			88



\$DATES

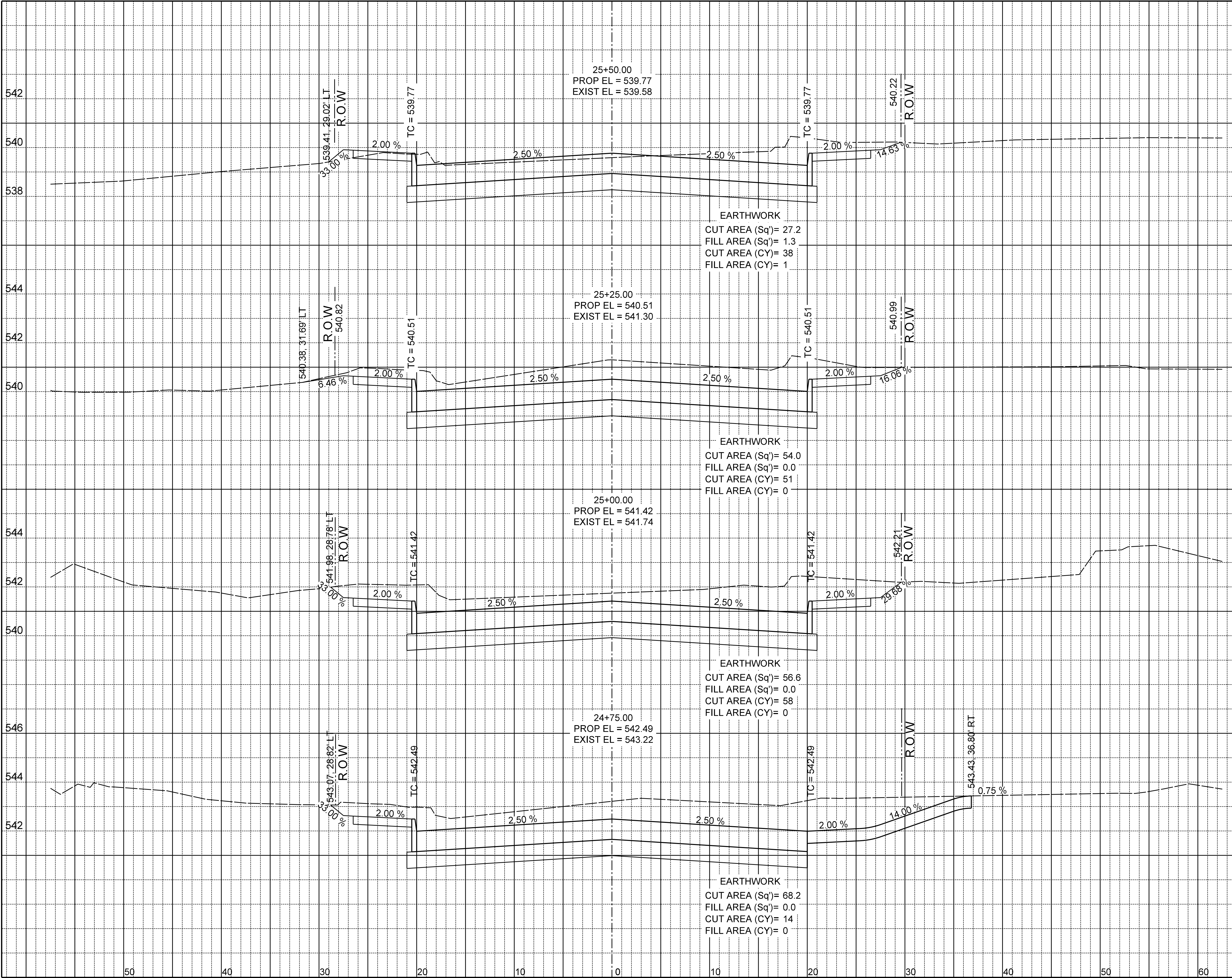
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CROSS SECTIONS

BOYDSTUN STREET

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

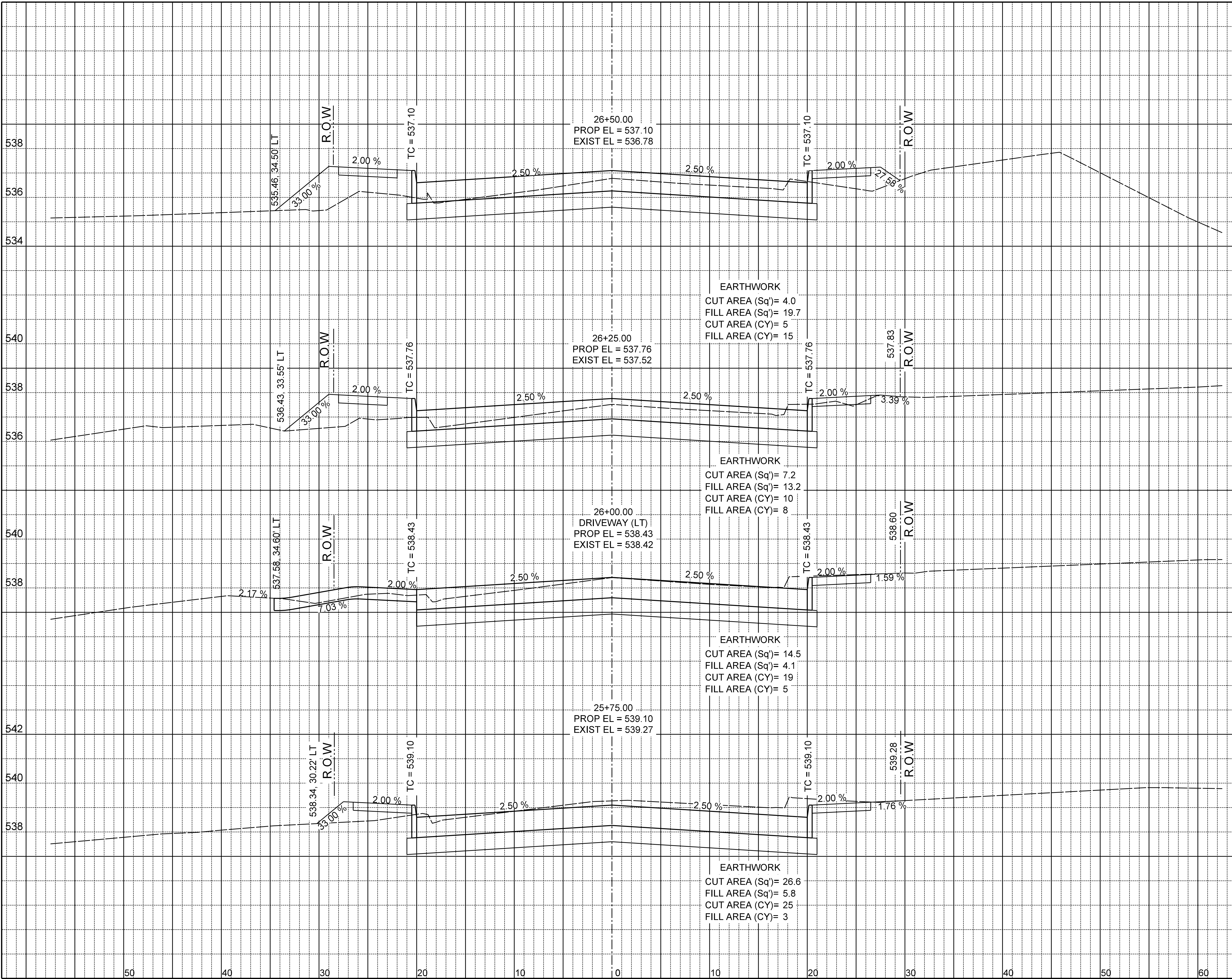
CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			89



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James Allen JULY 26, 2019
James Allen, P.E., TX License No. 65929 Date




EARTHWORK
CUT AREA (Sq')= 4.0
FILL AREA (Sq')= 19.7
CUT AREA (CY)= 5
FILL AREA (CY)= 15

EARTHWORK
CUT AREA (Sq')= 7.2
FILL AREA (Sq')= 13.2
CUT AREA (CY)= 10
FILL AREA (CY)= 8

EARTHWORK
CUT AREA (Sq')= 14.5
FILL AREA (Sq')= 4.1
CUT AREA (CY)= 19
FILL AREA (CY)= 5

EARTHWORK
CUT AREA (Sq')= 26.6
FILL AREA (Sq')= 5.8
CUT AREA (CY)= 25
FILL AREA (CY)= 3

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CROSS SECTIONS

BOYDSTUN STREET

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			90



\$DATES

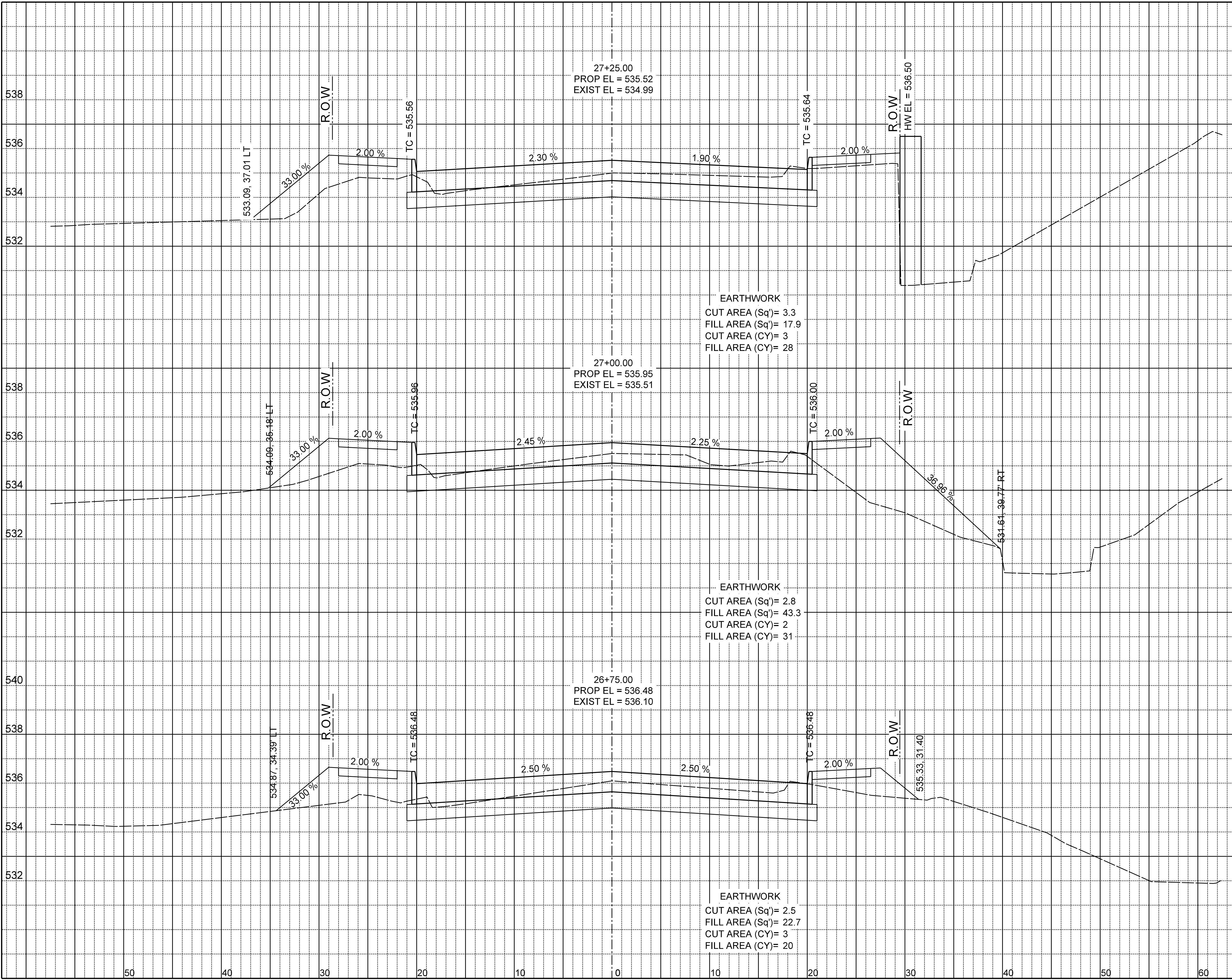
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James Allen, P.E., TX License No. 65929

JULY 26, 2019

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EARTHWORK
CUT AREA (Sq')= 3.3
FILL AREA (Sq')= 17.9
CUT AREA (CY)= 3
FILL AREA (CY)= 28

EARTHWORK
CUT AREA (Sq')= 2.8
FILL AREA (Sq')= 43.3
CUT AREA (CY)= 2
FILL AREA (CY)= 31

EARTHWORK
CUT AREA (Sq')= 2.5
FILL AREA (Sq')= 22.7
CUT AREA (CY)= 3
FILL AREA (CY)= 20

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BOYDSTON STREET

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CITY OF ROCKWALL, TEXAS

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Date

EARTHWORK
CUT AREA (Sq')= 15.8
FILL AREA (Sq')= 9.9
CUT AREA (CY)= 11
FILL AREA (CY)= 11

EARTHWORK
CUT AREA (Sq')= 8.4
FILL AREA (Sq')= 13.7
CUT AREA (CY)= 6
FILL AREA (CY)= 15

EARTHWORK
CUT AREA (Sq')= 4.6
FILL AREA (Sq')= 18.8
CUT AREA (CY)= 4
FILL AREA (CY)= 17

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CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
EJES	EJES	NOV 2015	1"=10' H 1"=4' V			92



\$DATES

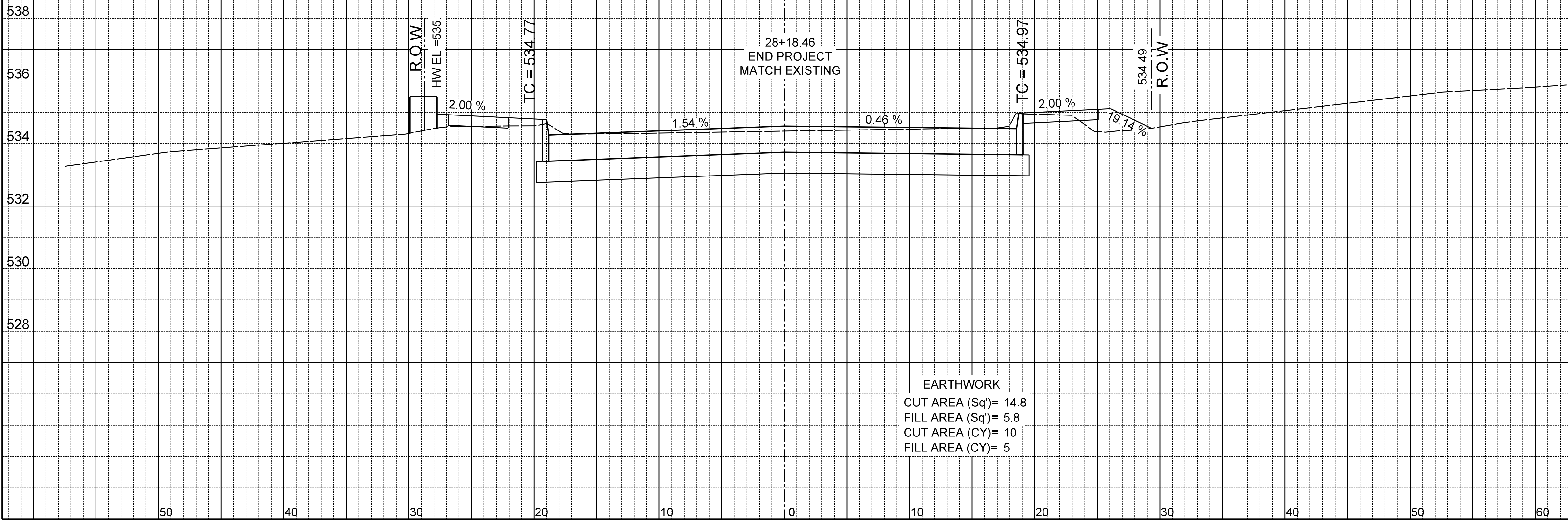
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JAMES ALLEN, P.E., TX License No. 65929

JULY 28, 2019

Date



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FIRM REGISTRATION No: F-2488

CROSS SECTIONS

BOYDSTUN STREET

FROM S. GOLIAD ST TO S. CLARK ST

PUBLIC WORKS DEPARTMENT

CITY OF ROCKWALL, TEXAS

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