HARRIS COUNTY ENGINEERING DEPARTMENT

HARRIS COUNTY DISTRICT ATTORNEY BUILDING DEMOLITION AND SITE IMPROVEMENTS 201 FANNIN STREET, HOUSTON TX-77002 HARRIS COUNTY, PRECINCT 1

ISSUE FOR CONSTRUCTION

RODNEY ELLIS

JACK MORMAN

COMMISSIONER

COMMISSIONER

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PRECINCT 2

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COUNTY JUDGE

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JOHN R. BLOUNT, P.E.

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R. JACK CAGLE

COMMISSIONER

COUNTY ENGINEER

PRECINCT 4

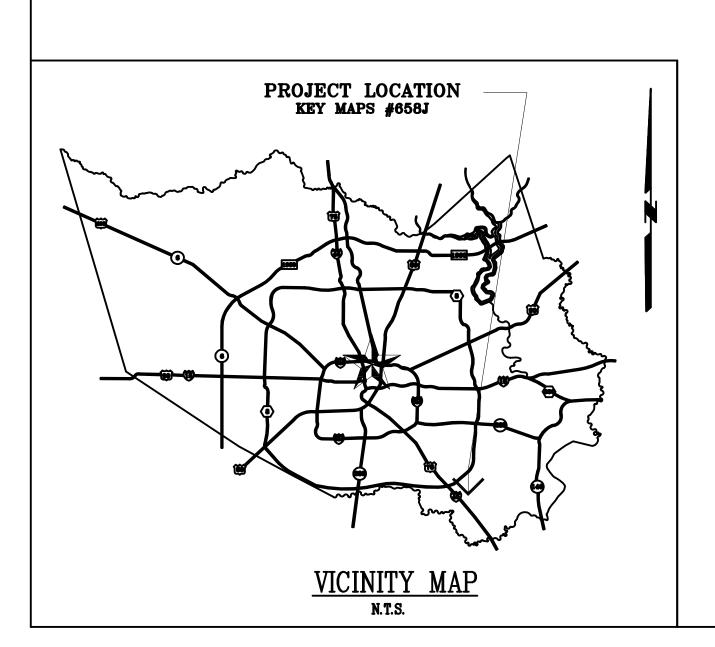
MICHAEL POST C.P.A.

COUNTY AUDITOR



NOVEMBER 17 2017 PRECINCT 1

Harris County, Texas





HARRIS COUNTY

DISTRICT ATTORNEY BUILDING DEMOLITION & SITE IMPROVEMENT



ISSUE FOR CONSTRUCTION

DATE ISSUED: 2017 11 17

DISTRICT
ATTORNEY
BUILDING
DEMOLITION &
SITE
IMPROVEMENT

PROJECT NO.: 17-00017-00

201 FANNIN STREET HOUSTON, TX - 77002

CONSULTANTS:

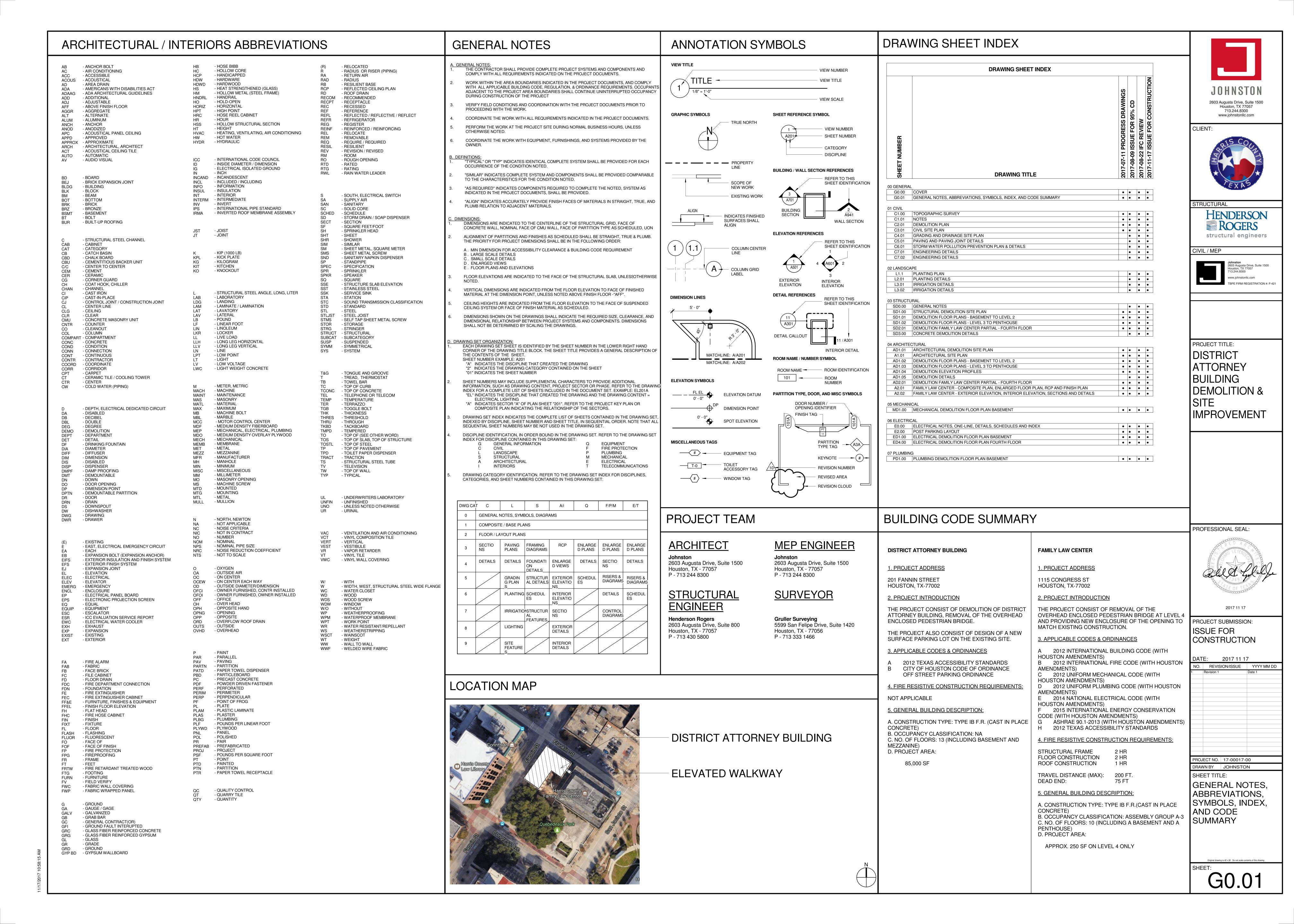
STRUCTURAL

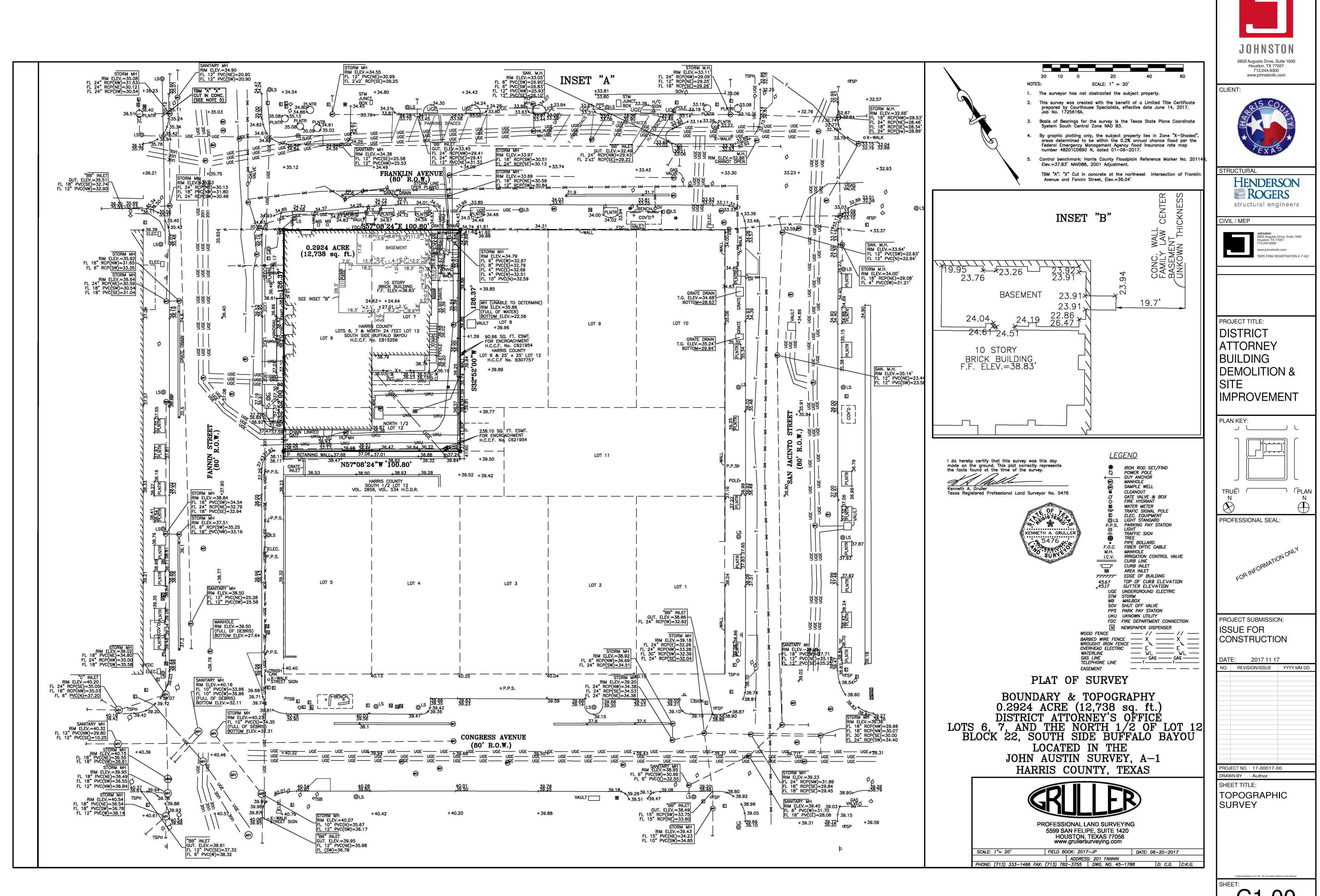
Henderson Rogers 2603 Augusta, Suite 800 Houston, TX - 77057

CIVIL / MEP
Johnston
2603 Augusta, Suite 1500
Houston, TX - 77057



2603 Augusta Drive, Suite 1500 Houston, TX 77057 713.244.8300 www.johnstonllc.com





BENCHMARK CONTROL BENCHMARK: HARRIS COUNTY FLOODPLAIN REFERENCE MARKER NO. 201148, ELEV.=37.83' NAVD88, 2001 ADJUSTMENT. TBM "A": "X" CUT IN CONCRETE AT THE NORTHWEST INTERSECTION OF FRANKLIN AVENUE AND FANNIN STREET, ELEV.=36.04' FLOOD STATEMENT 2603 Augusta Drive, Suite 1500 Houston, TX 77057 THE SUBJECT PROPERTY LIES IN ZONE "X-SHADED", AREAS DETERMINED TO BE WITHIN THE 0.2% ANNUAL CHANCE FLOOD PER THE FEDERAL EMERGENCY MANAGEMENT 713.244.8300 www.johnstonllc.com AGENCY FLOOD INSURANCE RATE MAP NUMBER 48201C0690 N, DATED 01-06-2017. CLIENT:

GENERAL NOTES

1. SEE ARCHITECTURAL SITE PLAN FOR BUILDING LOCATION. PARKING LOT LAYOUT DIMENSIONS ARE LOCATED ON CIVIL SITE PLAN C3.01.

- 2. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED BY GOVERNING
- 3. ALL CONSTRUCTION SHALL COMPLY WITH LOCAL ORDINANCES, CODES AND REGULATIONS.
- 4. CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION OF ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS OR PERSONS IN CHARGE OF PRIVATE OR PUBLIC UTILITIES AFFECTED BY HIS OPERATIONS PRIOR TO COMMENCEMENT OF WORK.
- 5. BOUNDARY AND TOPOGRAPHIC INFORMATION OBTAINED FROM A SURVEY PROVIDED
- 6. CONTRACTOR SHALL CONSTRUCT TRENCH SAFETY SYSTEMS IN ACCORDANCE WITH OSHA STANDARDS AND PROVIDE DAILY INSPECTIONS TO ENSURE THAT THE TRENCH SAFETY REQUIREMENTS ARE BEING MET. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THE SAFETY OF THOSE PERSONS WORKING IN AND AROUND THE TRENCH.
- 7. SHOULD THE CONTRACTOR FIND ANY DISCREPANCY OR OMISSIONS FROM THE PLANS, HE WILL NOTIFY THE ENGINEER AT ONCE TO OBTAIN CLARIFICATION PRIOR TO STARTING CONSTRUCTION.
- 8. CONTRACTOR TO BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL BARRICADES, WARNING SIGNS, FLASHING LIGHTS AND TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH PART VI OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TEXAS M.U.T.C.D. MOST RECENT EDITIONS AS REVISED) DURING
- 9. EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR TO FIELD VERIFY LOCATION OF ANY EXISTING UTILITIES AND OTHER FACILITIES BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING FACILITIES CAUSED BY HIS FAILURE TO LOCATE AND PRESERVE ANY AND ALL EXISTING FACILITIES.
- 10. OVERHEAD LINES MAY EXIST ON THE PROPERTY. WE HAVE NOT ATTEMPTED TO MARK THOSE LINES SINCE THEY ARE CLEARLY VISIBLE, BUT YOU SHOULD LOCATE THEM PRIOR TO BEGINNING ANY CONSTRUCTION. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE, FORBIDS ALL ACTIVITIES IN WHICH PERSONS OR THINGS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES. CONTRACTORS AND OWNERS ARE LEGALLY RESPONSIBLE FOR SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS LAW CARRIES BOTH CRIMINAL AND CIVIL LIABILITY. TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL LOCAL POWER COMPANY.
- 11. CONTRACTOR SHALL FURNISH AS-BUILT DRAWINGS INDICATING ALL SITE
- 12. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT PROGRAM.
- 13. AT LEAST 48 HOURS BEFORE EXCAVATING OR AUGURING IN STREET R.O.W. OR EASEMENTS CONTRACTOR SHALL NOTIFY "THE TEXAS 811" TELEPHONE NO. 811..
- 14. ALL WALKS TO ACCESSIBLE ENTRANCES SHALL NOT EXCEED 5% GRADE IN THE DIRECTION OF TRAVEL, AND SHALL NOT EXCEED 2% CROSS SLOPE.

STORM SEWER NOTES

ACCEPTABLE.

- 1. CONTRACTOR SHALL COORDINATE STORM SEWER CONSTRUCTION WITH OTHER UNDERGROUND LINES TO AVOID CONFLICT. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 6" VERTICAL CLEARANCE BETWEEN STORM SEWER AND OTHER EXISTING OR NEW
- 2. STORM SEWER CONSTRUCTION SHALL COMMENCE AT A POINT OF CONNECTION TO THE ONSITE STORM SEWER SYSTEM AND PROCEED UPSTREAM.
- 3. ADJUST EXISTING MANHOLE RIM ELEVATIONS TO MATCH NEW GROUND AND/OR NEW

MANHOLE RIMS. RIM ELEVATIONS SHOWN ON PLANS ARE APPROXIMATE.

- PAVEMENT ELEVATIONS. 4. WHERE MANHOLES ARE LOCATED WITHIN PAVED AREAS, CONTRACTOR SHALL SET RIM ELEVATIONS TO MATCH TOP OF PAVEMENT ELEVATIONS. OUTSIDE OF PAVED AREAS, SET MANHOLE RIM ELEVATIONS 3" (MINIMUM) TO 6" (MAXIMUM) ABOVE FINISHED GRADE. ADD FILL AROUND MANHOLES, SLOPED AWAY AND DOWN FROM
- 5. ALL STORM SEWERS SHALL RECEIVE BEDDING AND BACKFILL IN ACCORDANCE WITH THE DETAILS CONTAINED IN THE PLANS.
- 6. 8-INCH TO 12-INCH STORM SEWER SHALL BE PVC SDR-26 PER ASTM 3034. PVC JOINTS SHALL BE PUSH ON AND WHERE NOTED ON PLAN, FLEXIBLE ELASTOMERIC GASKET CONFORMING TO ASTM D-3212. CHEMICALLY WELDED PVC JOINTS ARE NOT
- 7. PIPE INSTALLED IN STREET R.O.W. OR IF NOTED ON PLANS SHALL BE REINFORCED CONCRETE PIPE PER ASTM C-76, CLASS III. ALL SIZES OF CONCRETE PIPE SHALL BE INSTALLED WITH APPROVED RUBBER GASKET JOINTS PER ASTM C-443.



STRUCTURAL

ROGERS structural engineers

CIVIL - MEP



PROJECT TITLE:

DISTRICT **DEMOLITION &**

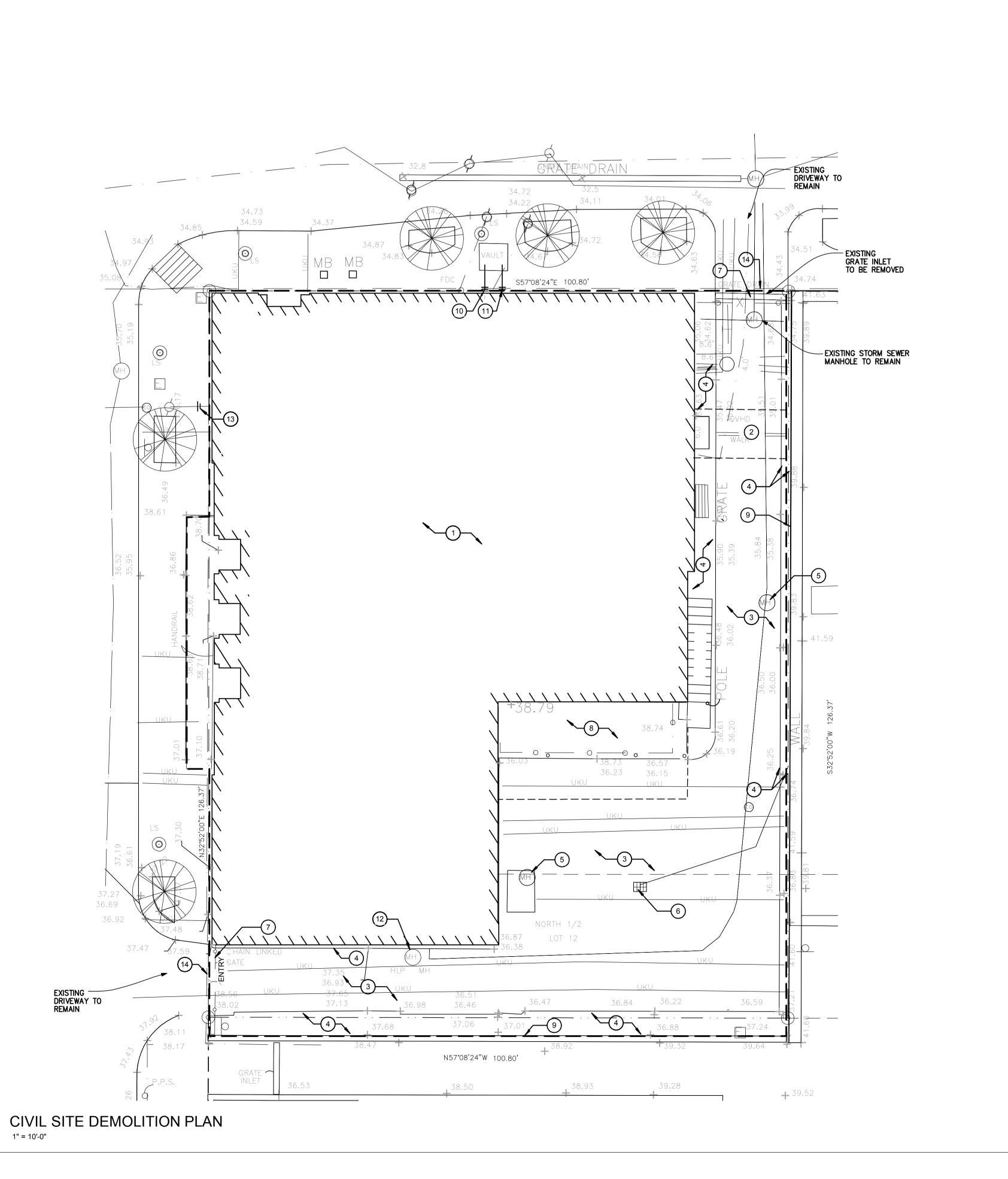
PLAN KEY: TRUE

TBPE FIRM # F-000175 2017 11 17 PROJECT SUBMISSION: ISSUE FOR CONSTRUCTION

DATE: 2017 11 17 REVISION/ISSUE YYYY MM DD

PROJECT NO. | **17-00017-00** DRAWN BY **Author**

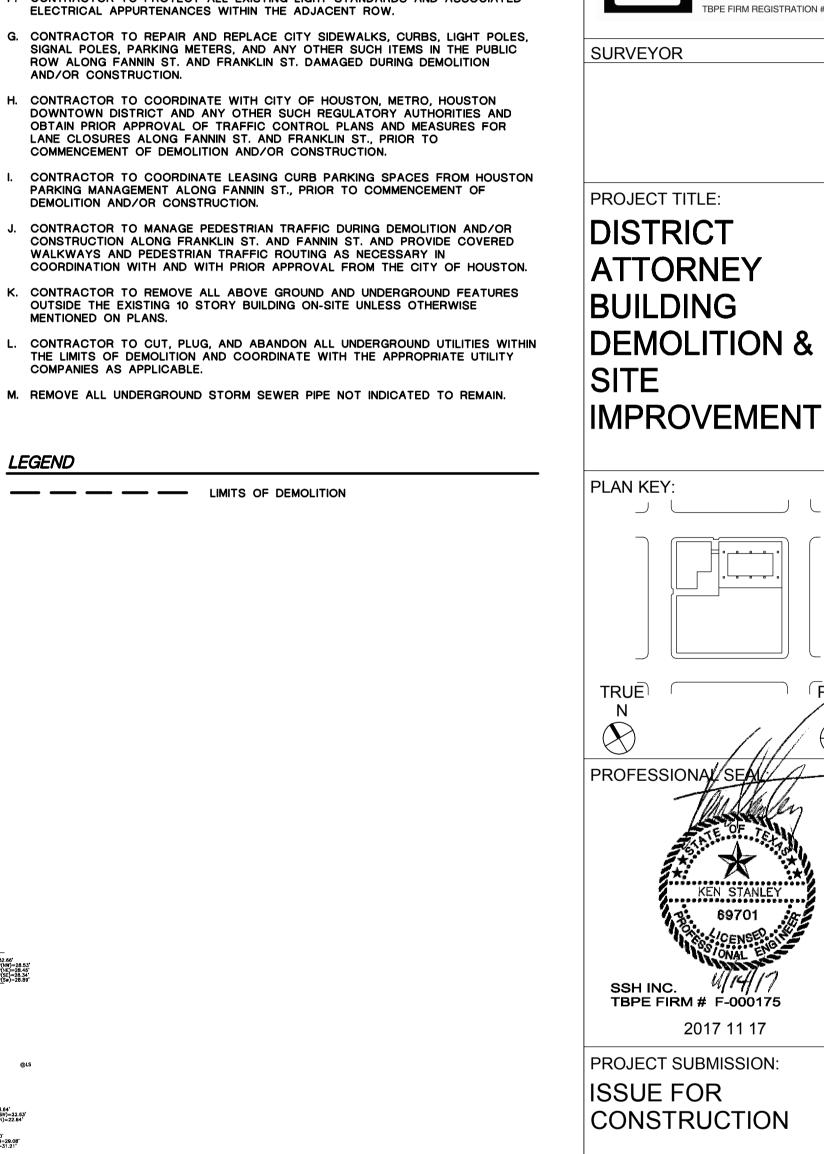
SHEET TITLE: NOTES



KEY NOTES LEGEND

- 1. REMOVE EXISTING 10 STORY BUILDING (REF: ARCH AND STRUCTURAL PLANS FOR MORE DETAILS).
- 2. REMOVE SKY BRIDGE CONNECTOR BETWEEN D.A. BUILDING AND FAMILY LAW BUILDING (REF: ARCH AND STRUCTURAL PLANS FOR MORE DETAILS).
- 3. REMOVE EXISTING CONC. PAVEMENT.
- 4. REMOVE EXISTING CURB AND SIDEWALK.
- 5. REMOVE EXISTING MANHOLE AND ALL ASSOCIATED PIPING UNLESS OTHERWISE NOTED ON PLANS.
- 6. REMOVE EXISTING INLET.
- 7. REMOVE EXISTING FENCE AND GATE ALONG WITH ALL POSTS AND ASSOCIATED
- APPURTENANCES. 8. REMOVE EXISTING PLATFORM, STAIRCASE AND FENCING.
- 9. EXISTING WALL TO REMAIN PROTECT DURING DEMOLITION AND CONSTRUCTION.
- 10. CUT AND PLUG EXISTING FIRE LINE. REMOVE EXISTING LINE BEYOND CUT. 11. CUT AND PLUG EXIST WATER LINE. REMOVE EXISTING LINE BEYOND CUT.
- 12. REMOVE EXISTING CENTERPOINT MANHOLE AND UNDERGROUND LINES REFER
- 13. CUT, PLUG AND ABANDON EXIST. SANITARY SEWER. 14. FULL DEPTH SAW CUT EXISTING CONCRETE AT PROPERTY LINE. PROTECT EXISTING CONCRETE DRIVE TO REMAIN.

- GENERAL NOTES DEMOLITION CIVIL A. CONTRACTOR TO REMOVE AND DISPOSE OF ALL ITEMS WITHIN THE LIMITS OF
- DEMOLITION UNLESS OTHERWISE MENTIONED ON PLANS. B. CONTRACTOR TO PROTECT ALL EXISTING TREES AND THEIR IRRIGATION SYSTEMS
- C. ALL TREE PROTECTION FENCING MUST BE INSTALLED PRIOR TO COMMENCEMENT OF DEMOLITION PER LANDSCAPE PLANS.
- D. REFERENCE ARCH. & STRUC. PLANS FOR REMOVAL OF EXISTING BUILDING.
- E. FOR ELECTRICAL POLES, WIRING AND OTHER ELECTRICAL APPURTENANCES REMOVAL/RELOCATION REFERENCE ELECTRICAL PLANS.
- F. CONTRACTOR TO PROTECT ALL EXISTING LIGHT STANDARDS AND ASSOCIATED ELECTRICAL APPURTENANCES WITHIN THE ADJACENT ROW.
- SIGNAL POLES, PARKING METERS, AND ANY OTHER SUCH ITEMS IN THE PUBLIC ROW ALONG FANNIN ST. AND FRANKLIN ST. DAMAGED DURING DEMOLITION AND/OR CONSTRUCTION.
- H. CONTRACTOR TO COORDINATE WITH CITY OF HOUSTON, METRO, HOUSTON DOWNTOWN DISTRICT AND ANY OTHER SUCH REGULATORY AUTHORITIES AND OBTAIN PRIOR APPROVAL OF TRAFFIC CONTROL PLANS AND MEASURES FOR LANE CLOSURES ALONG FANNIN ST. AND FRANKLIN ST., PRIOR TO
- I. CONTRACTOR TO COORDINATE LEASING CURB PARKING SPACES FROM HOUSTON PARKING MANAGEMENT ALONG FANNIN ST., PRIOR TO COMMENCEMENT OF DEMOLITION AND/OR CONSTRUCTION.
- J. CONTRACTOR TO MANAGE PEDESTRIAN TRAFFIC DURING DEMOLITION AND/OR CONSTRUCTION ALONG FRANKLIN ST. AND FANNIN ST. AND PROVIDE COVERED WALKWAYS AND PEDESTRIAN TRAFFIC ROUTING AS NECESSARY IN
- K. CONTRACTOR TO REMOVE ALL ABOVE GROUND AND UNDERGROUND FEATURES OUTSIDE THE EXISTING 10 STORY BUILDING ON-SITE UNLESS OTHERWISE MENTIONED ON PLANS.
- L. CONTRACTOR TO CUT, PLUG, AND ABANDON ALL UNDERGROUND UTILITIES WITHIN THE LIMITS OF DEMOLITION AND COORDINATE WITH THE APPROPRIATE UTILITY COMPANIES AS APPLICABLE.



DEMOLITION PLAN

SHEET TITLE:

2017 11 17

REVISION/ISSUE YYYY MM DD

DATE: 2017 11 17

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713.244.8300

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ROGERS

structural engineers

TBPE FIRM REGISTRATION #: F-421

CLIENT:

STRUCTURAL

CIVIL - MEP

Original drawing is 42 x 30 Do not scale contents of this drawing

	LEGEND	
DESCRIPTION	EXISTING	NEW
PROPERTY LINE		
STORM SEWER LINE		
SANITARY SEWER LINE		
WATER LINE		
GAS LINE		
STORM SEWER INLET		
MANHOLE	0	•
FIRE HYDRANT	-6-	

KEY NOTES LEGEND

- 1. CONCRETE PAVEMENT
- EXISTING CONCRETE DRIVEWAY TO REMAIN
 6" DOWELED ON CONCRETE CURB
- 4. 4" CONCRETE WHEEL STOP
- 5. WHITE REFLECTORIZED PAVEMENT MARKINGS
- 6. PROPOSED PAINTED STALL PARKING.
- 7. PROPOSED 1" IRRIGATION WATER METER IN BOX
- 8. PROPOSED 1" PVB BACKLOW PREVENTER IN CAGE
- REMOVED OR DAMAGED DURING CONSTRUCTION TO MATCH EXISTING FINISH

 10. "DO NOT ENTER" SIGN REFER DETAIL SHEET C7.02

9. EXISTING WALK TO REMAIN. CONTRACTOR SHALL REPAIR ANY AREAS

- 10. "DO NOT ENTER" SIGN REFER DETAIL SHEET C7.0211. PROPOSED CONCRETE WALK TO REPLACE DEMOLISHED CONCRETE RAMP.
- SEE ARCHITECTURAL DRAWINGS FOR RAMP DEMOLITION. PROPOSED WALK FINISH AND COLOR TO MATCH EXISTING WALK.

12. PROPOSED LIGHT STANDARD - REFER ELECTRICAL AND STRUCTURAL

- DRAWINGS.
- 13. PROPOSED 6" STAND UP CURB. REFER DETAIL SHEET C7.02
- 14. PROPOSED 6" HIGH CONCRETE ISLAND.15. PROPOSED 4" WIDE WHITE PAINTED STRIPING.
- 16. PROPOSED BOLLARD REFER DETAIL SHEET C7.02
- 17. PROPOSED ACCESSIBLE PARKING SIGN REFER DETAIL SHEET C7.01
- 18. PROPOSED ELECTRICAL BOX REFER TO ELECTRICAL PLANS
- 19. PROPOSED 12" WIDE x 6" HIGH CONCRETE CURB



CLIENT:



STRUCTURAL



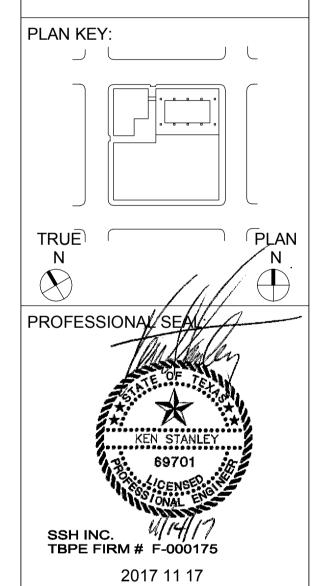
CIVIL - MEP



SURVEYOR

PROJECT TITLE:

DISTRICT
ATTORNEY
BUILDING
DEMOLITION &
SITE
IMPROVEMENT



PROJECT SUBMISSION:
ISSUE FOR
CONSTRUCTION

DATE: 2017 11 17

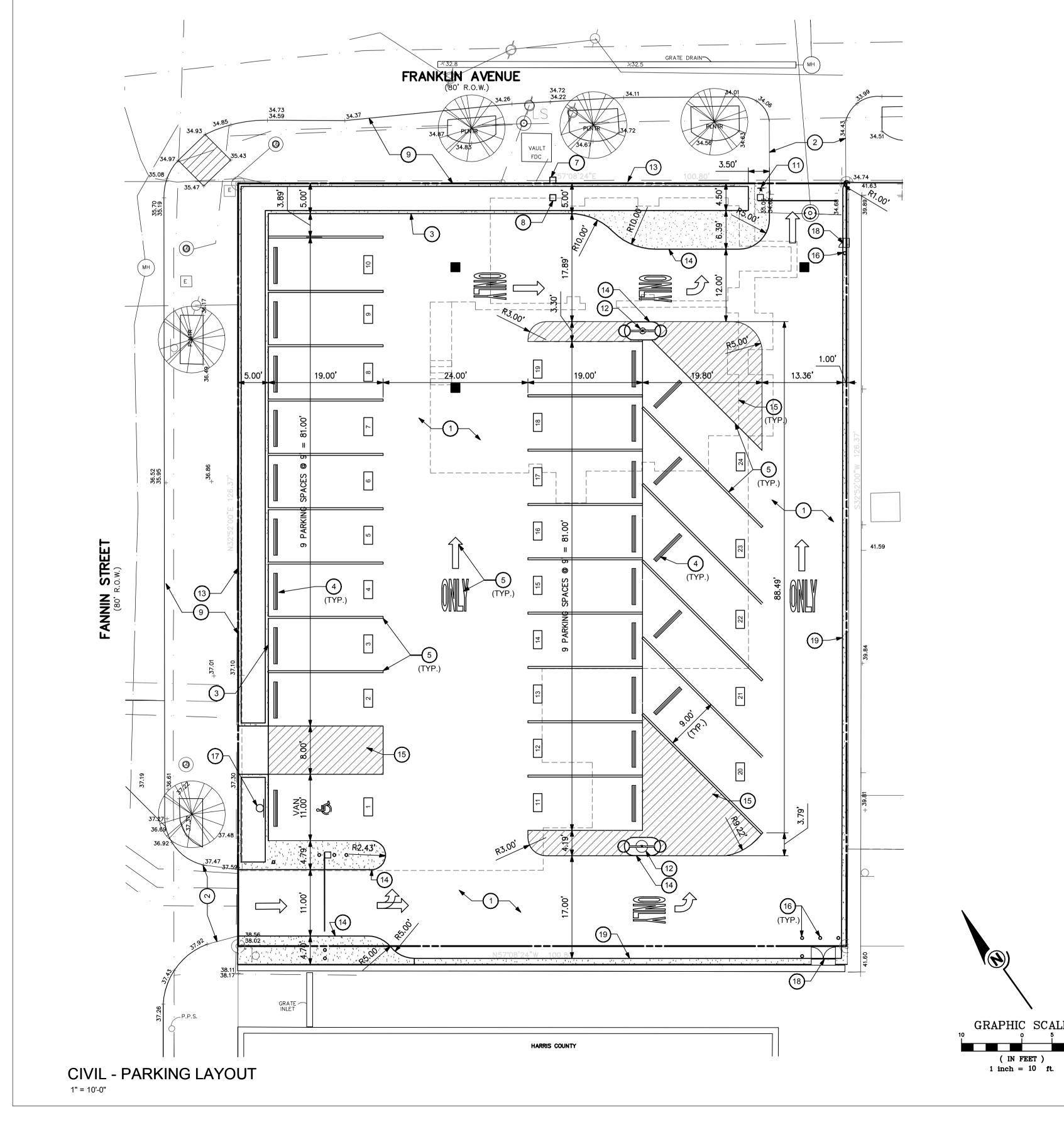
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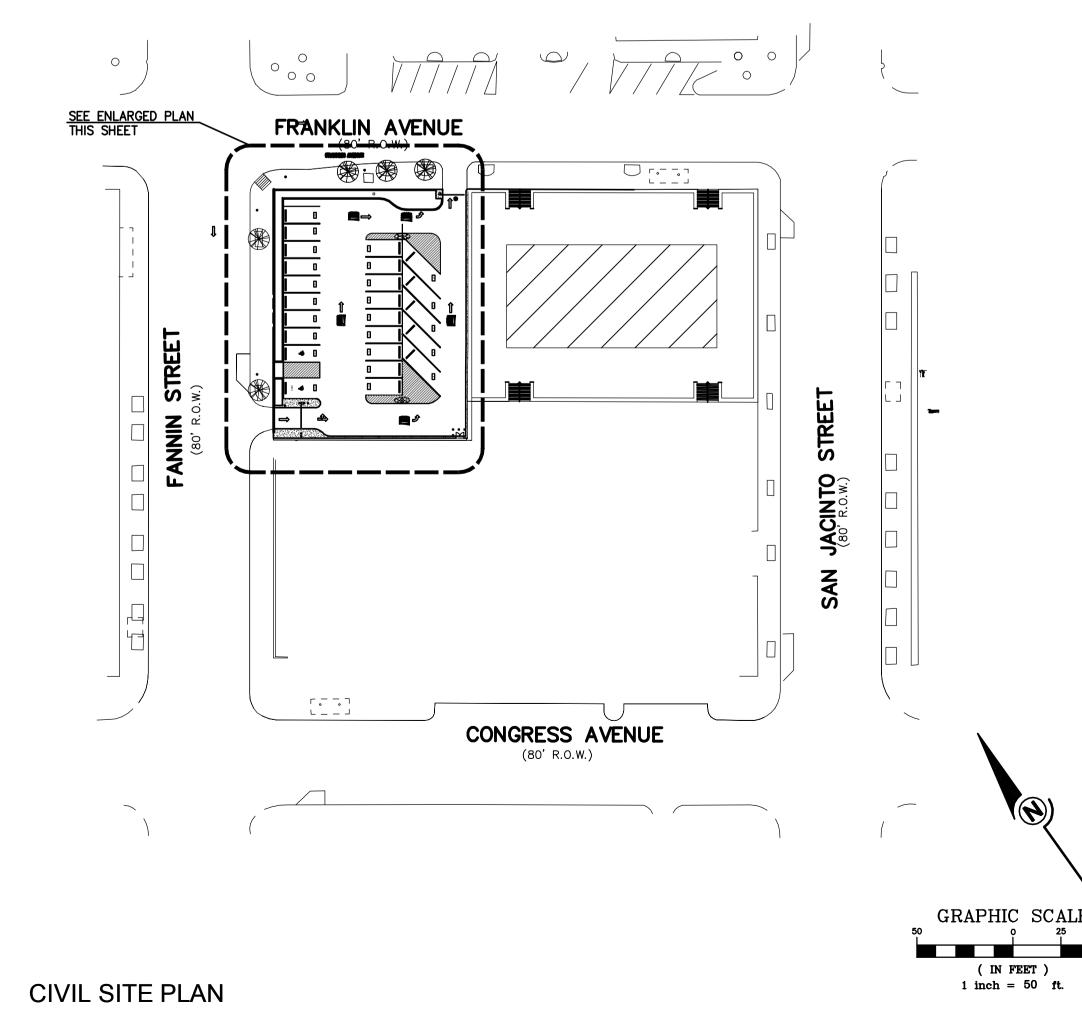
OJECT NO. **17-00017-00**AWN BY **Author**

SHEET TITLE:
CIVIL SITE PLAN

Original drawing is 42 x 30 Do not scale contents of this drawing

C3.01





1" = 50'-0"

DRAINAGE DESIGN

CITY OF HOUSTON STORM SEWER DESIGN

Project Name: HC DA BUILDING DEMOLITION/PARKING

Designed by: RHG

							SUB AREA			CUMM															
			DRAINAGE	RUNOFF	CUMM		TIMEOF	SUB AREA	SUB AREA	TIME OF	CUMM	CUMM.	REACH		PIPE		FULL FLOW	FULL FLOW		UPSTREAM	DOWNSTREAM	VELOCITY	HGL	UPSTREAM	DOWNSTREAM
RUN	SI	ECTION	AREA	COEFF	AREA	CUMM.	CONC	INTENSITY	RUNOFF	CONC	INTENSITY	RUNOFF	LENGTH	PIPE DIA.	SLOPE	MANNING'S	CAPACITY	VELOCITY	MH DROP	FL	FL	ACTUAL	SLOPE	HGL	HGL
	from N	1H to MH	(Ac)	С	(Ac)	C*A	Tc (min)	l (in/hr)	Qs (cfs)	Tcu (min)	lcu (in/hr)	Qt(cfs)	ft.	in.	S (%)	n	Qf (cfs)	Vfull (fps)	(ft)	(ft)	(ft)	Vact (fps)	(%)		
В																									
	1	3 2	2 0.00	0.80	C	0	15.00	4.29	0.00	15.00	4.29	0.00	10	12	0.3800	0.012	2.39	3.04	0.00	32.93	32.85	0.00	0.0000	34.08	34.08
	2	2 1	1 0.14	0.80	0.14	0.112	22.07	3.62	0.41	22.07	3.62	0.41	57	12	0.3800	0.012	2.39	3.04	0.00	32.85	32.63	0.04	0.0112	34.08	34.07
	3	1 OUT	0.16	0.80	0.3	0.24	22.24	3.61	0.46	23.09	3.54	0.85	20	12	0.3800	0.012	2.39	3.04	0.00	32.63	32.59	0.09	0.0492	34.07	34.06

75.01

16.2 0.8315

DETENTION SUMMARY EXISTING BUILDING 8047 SF PAVING 3,777 SF WALKS TOTAL 12,904 SF = 0.30AC FINAL BUILDING PAVING WALK TOTAL 12,029 SF = 0.28 AC

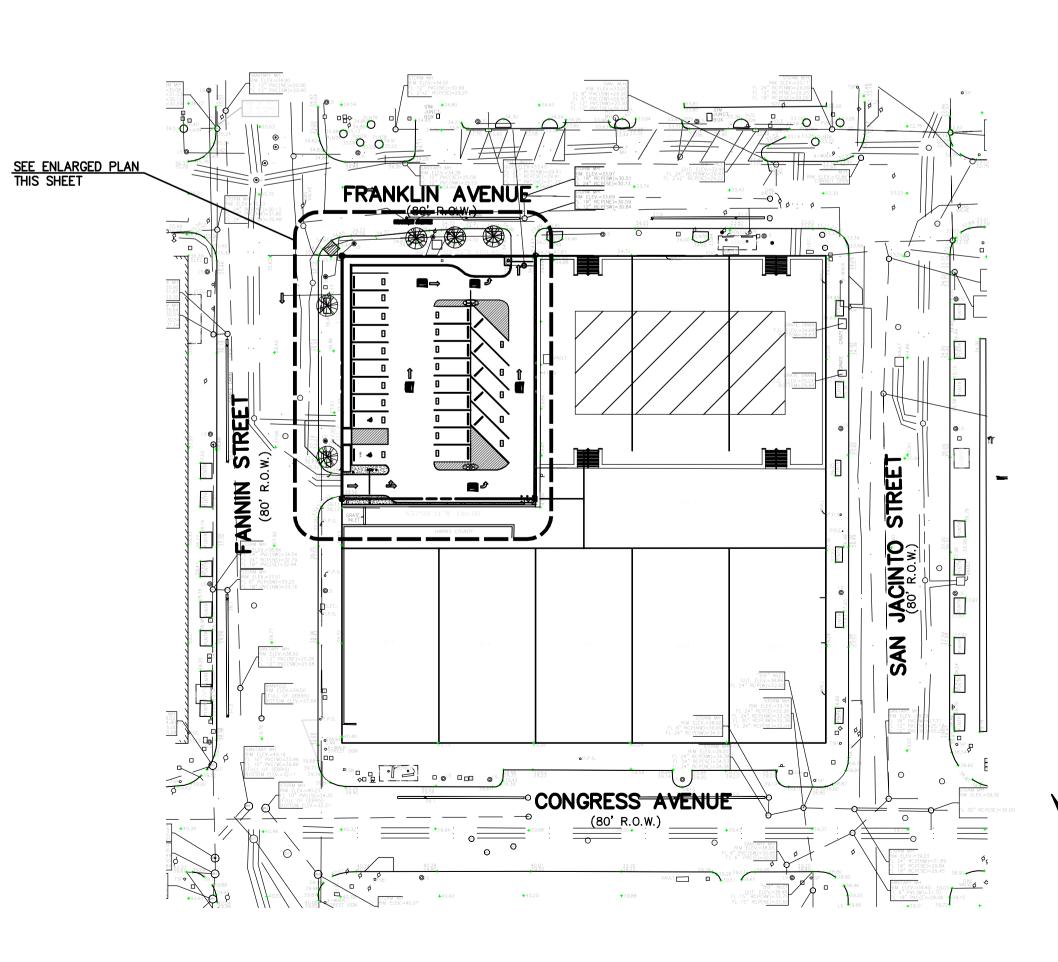
> CHANGE IN IMPERVIOUS COVER REMOVED BUILDING AND WALKS = 12,904 SF PROPOSED PAVING = 12,029 SF DECREASE IMPERVIOUS COVER = 875 SF

34.06

DETENTION REQUIRED EXISTING REDEVELOPED AREA 0.276 AC (1,815CF/AC) = 501 CF PROPOSED DECREASE OF IMPERVIOUS COVER 0.02 AC (0.50AC-FT/AC) = 0.01 AC-FT (438 CF) TOTAL DETENTION REQUIRED - 501 CF-438 CF = 63 CF DETENTION PROVIDED PROVIDED (IN PIPES) = 67 CF

RESTRICTOR ALLOWABLE RELEASE - Q=(0.50 CFS/AC Q=(0.50 CFS/AC *0.30 AC) = 0.15 CFS

 $D = \sqrt{\frac{A \times 4}{6,044 \text{CF}}} = \sqrt{\frac{0.002 \text{ SF}}{0.32 \text{ II}}} = 0.04 \text{ FT} = 0.51 \text{ IN}$ EXCESS VOLUME = 51,063CF
THEREFORE, USE 6 INCH RESTRICTOR



LEGEND									
DESCRIPTION	EXISTING	NEW							
PROPERTY LINE									
STORM SEWER LINE		-							
SANITARY SEWER LINE		-							
WATER LINE		-							
GAS LINE	···	-							
STORM SEWER INLET									
MANHOLE	0	•							
FIRE HYDRANT	-6-								
CONTOUR LINE	91	93 —							
SPOT ELEVATION	* ₁₀	TC 50.00 TOP OF CURB TOP 45.00 TOP OF PAVEMEN							
SPOT ELEVATION		TP 40.00 TOP OF PAVEMEN							
SPOT ELEVATION		TW 35.90 TOP OF WALK							
SPOT ELEVATION		EL 35.00 TOP OF GROUND							
SPOT ELEVATION		TW 50.00 TOP OF WALK TOP OF PAVEMEN							
DRAINAGE FLOW		\Rightarrow							
EXTREME EVENT FLOW		\Rightarrow							

GRAPHIC SCALE

(IN FEET)
1 inch = 50 ft.

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CLIENT:



STRUCTURAL

HENDERSON **ROGERS** structural engineers



TBPE FIRM REGISTRATION #: F-421

SURVEYOR

PROJECT TITLE:

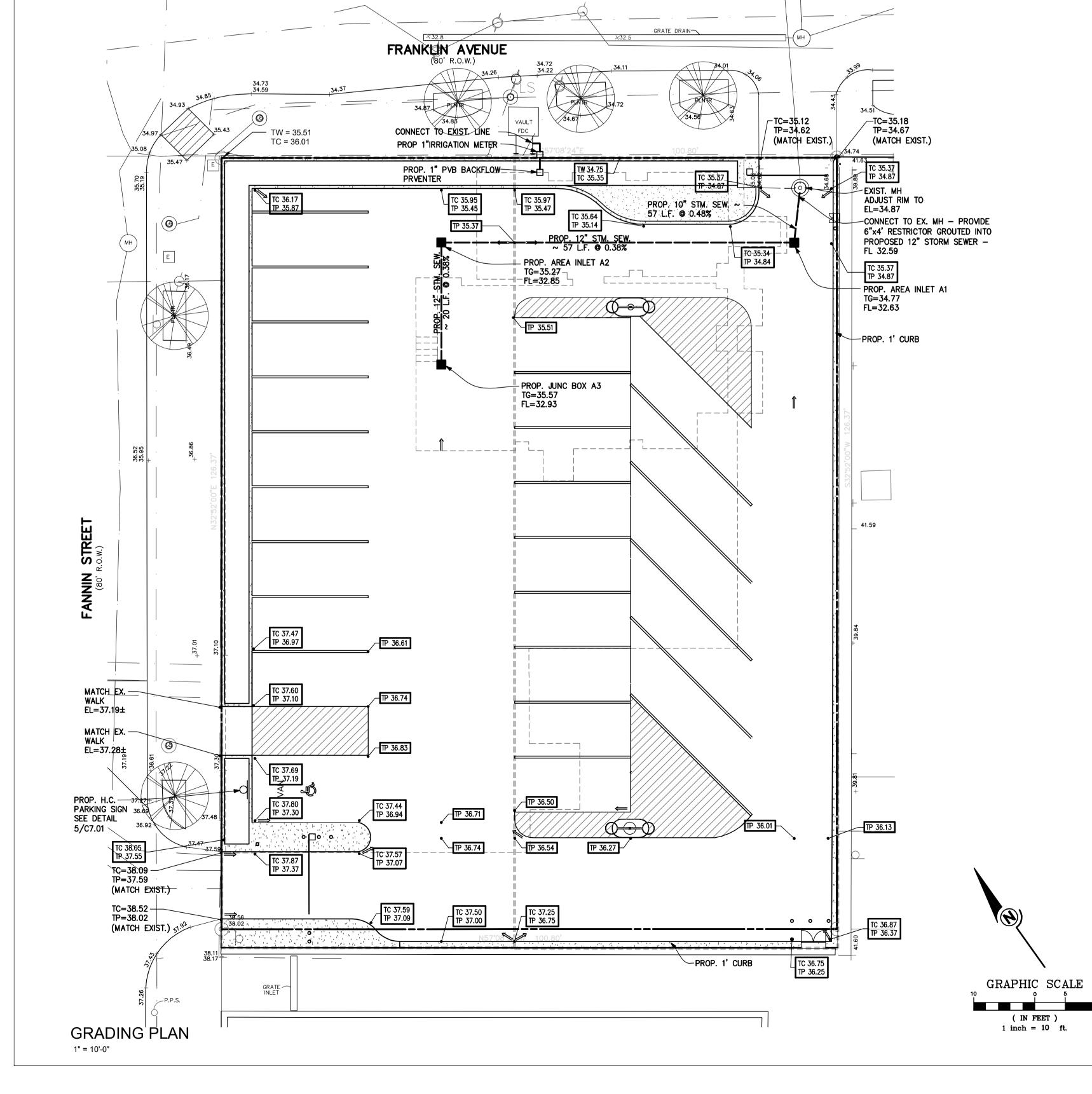
DISTRICT BUILDING **DEMOLITION &** SITE **IMPROVEMENT**

2017 11 17 PROJECT SUBMISSION: ISSUE FOR CONSTRUCTION

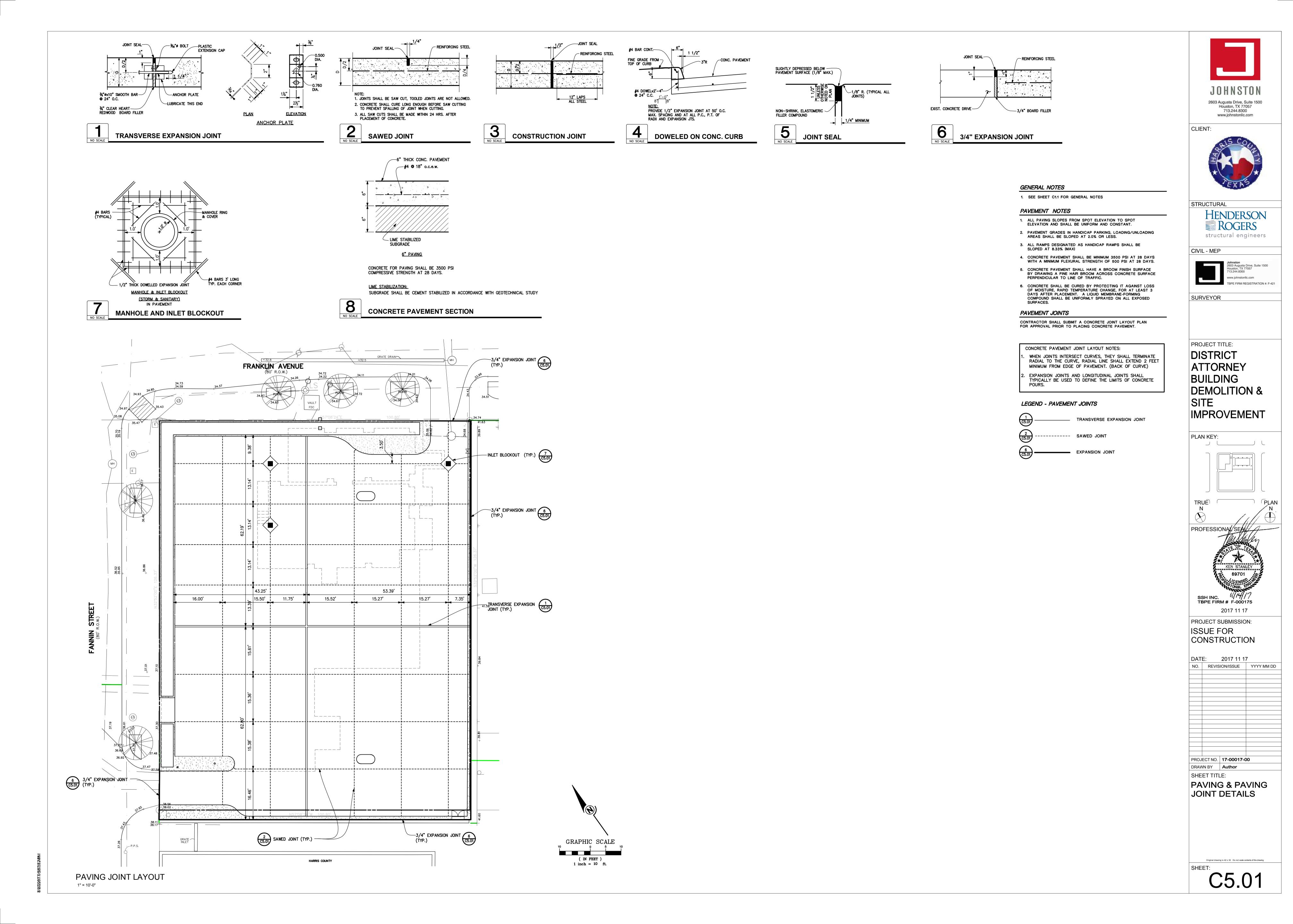
DATE: 2017 11 17 REVISION/ISSUE YYYY MM DD

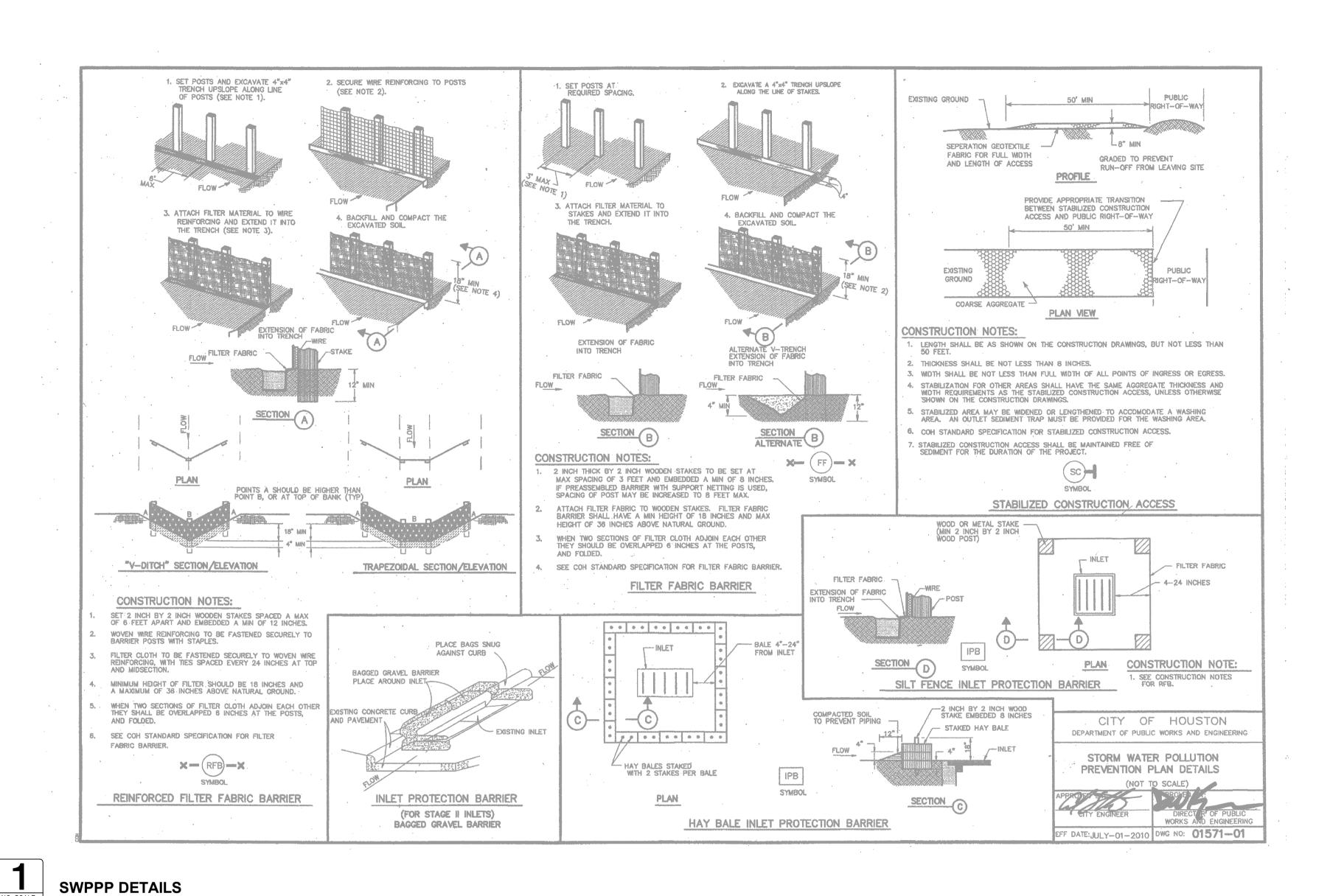
SHEET TITLE: **GRADING &** DRAINAGE SITE PLAN

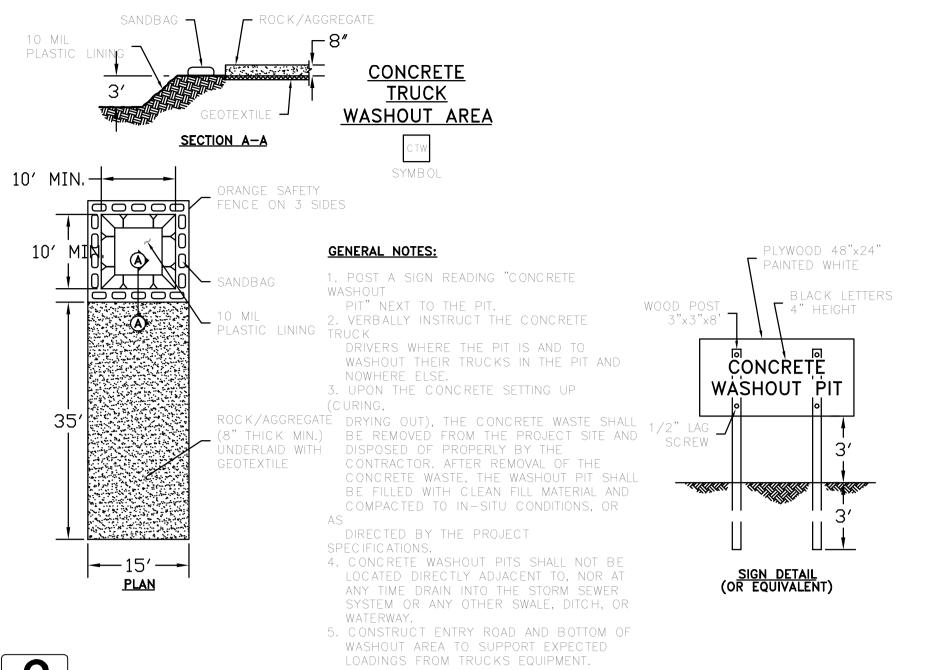
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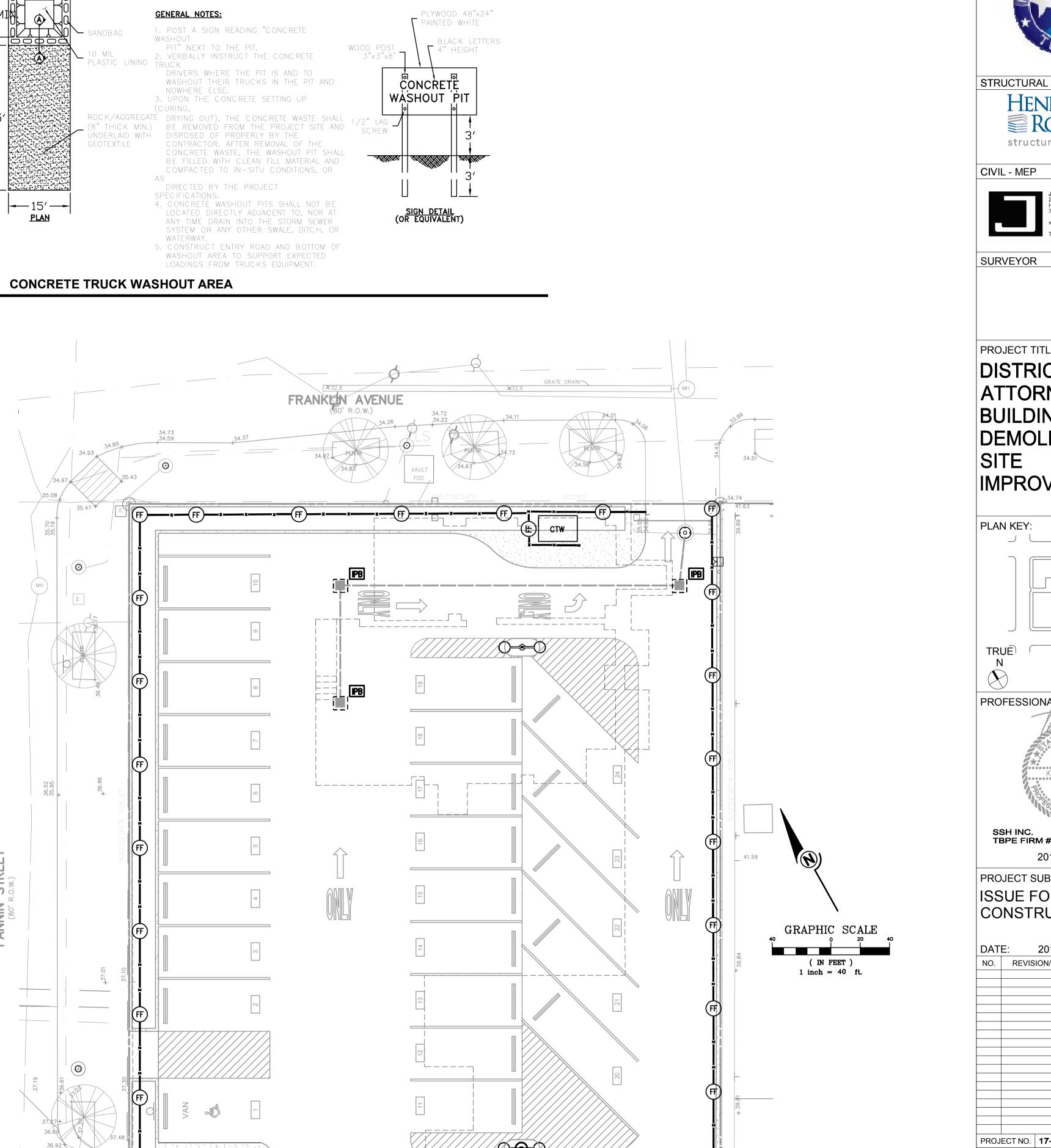


GRADING SITE PLAN 1" = 50'-0"









LEGEND

FILTER FABRIC FENCE - SEE DETAIL 1

INLET PROTECTION BARRIER - SEE DETAIL 1

PROVIDE STAGE II INLET PROTECTION FOR NEAREST CURB INLETS ON FRANKLIN ST. AND FANNIN ST.

CONC. TRUCK WASH OUT AREA W/FILTER FENCE - SEE DETAIL 2



CLIENT:



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structural engineers



SURVEYOR

PROJECT TITLE: DISTRICT BUILDING **DEMOLITION &**

IMPROVEMENT

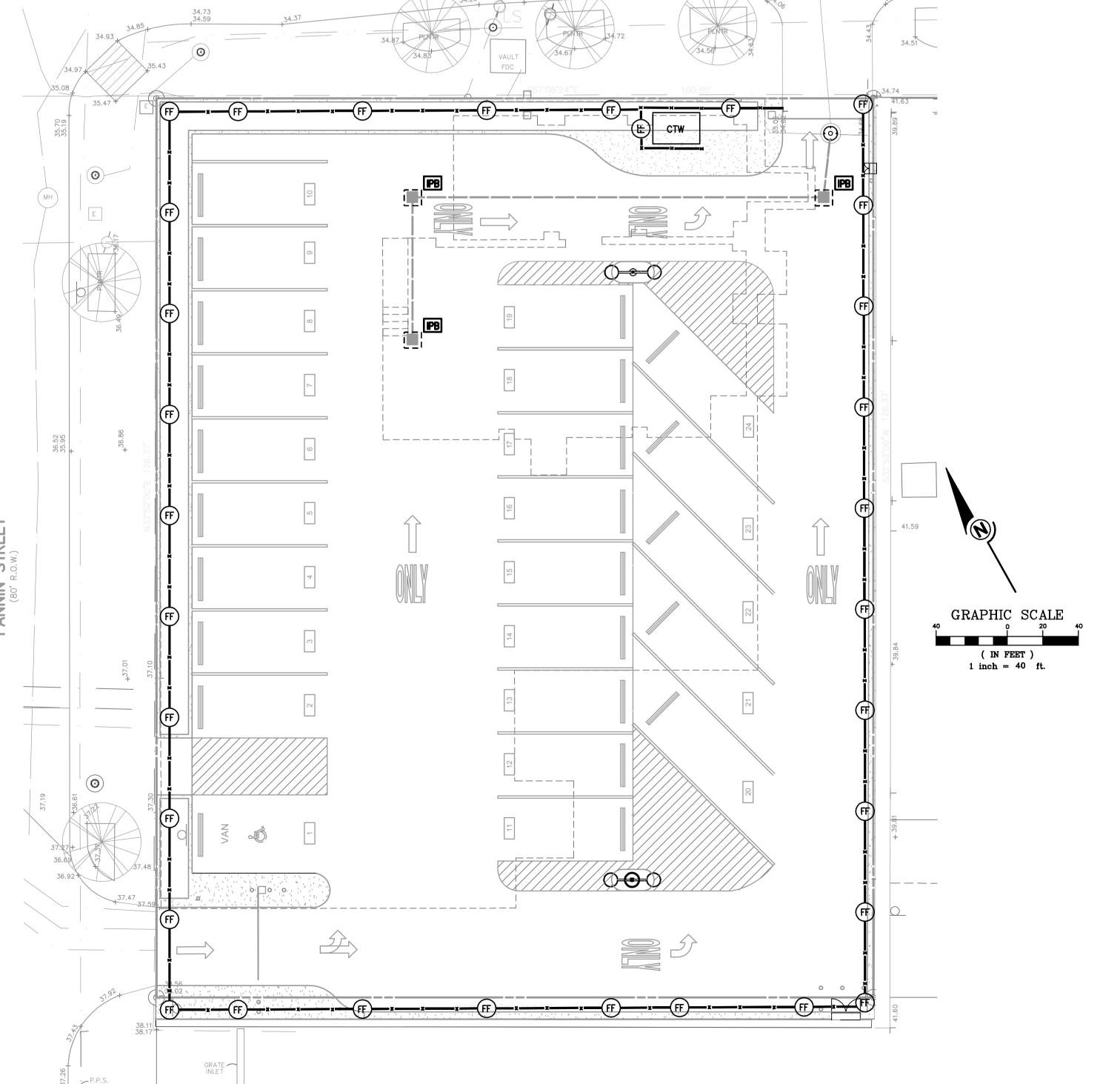
TRUE PROFESSIONAL SEAL SSH INC. 4/14/// TBPE FIRM # F-000175 2017 11 17 PROJECT SUBMISSION:

ISSUE FOR CONSTRUCTION

DATE: 2017 11 17 NO. REVISION/ISSUE YYYY MM DD

SHEET TITLE: STORM WATER POLLUTION PREVENTION PLAN & DETAILS

Original drawing is 42 x 30 Do not scale contents of this drawing



HARRIS COUNTY

STORM WATER POLLUTION PREVENTION PLAN

CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERS STANDARD PAVEMENT MARKING (WORDS)

NOTES FOR PAVEMENT MARKINGS "SYMBOLS" AND "ARROWS": MINIMUM 8 FOOT WHITE MARRINGS SHALL BE USED, UNLESS OTHERWISE MOTED. IF MESSAGE COMSISTS OF MORE THAN ONE WORD, IT SHOULD BE PLACED WITH FIRST WORD NEAREST THE DRIVER. THESE DETAILS ARE STANDARD SIZE FOR NORMAL INSTALLATION; SIZES MAY BE REDUCED APPROXIMATELY ONE—THRD DEPENDING ON CONDITIONS. SPECIAL PERMISSION NEEDED BY DITY TRAFFIC ENGINEER FOR REDUCTION BELOW ONE-THIRD OF STANDARD SIZES. 3. THE LONGITUDINAL SPACE BETWEEN MARKINGS SHOULD BE WARRANTED INCLUDE THE FOLLOWING: A. REGULATORY STOP RIGHT (LEFT) TURN ONLY SYMBOL ARROWS B. WARNING STOP AHEAD SIGNAL AHEAD SOHOOL SCHOOL X-ING PED X-NG

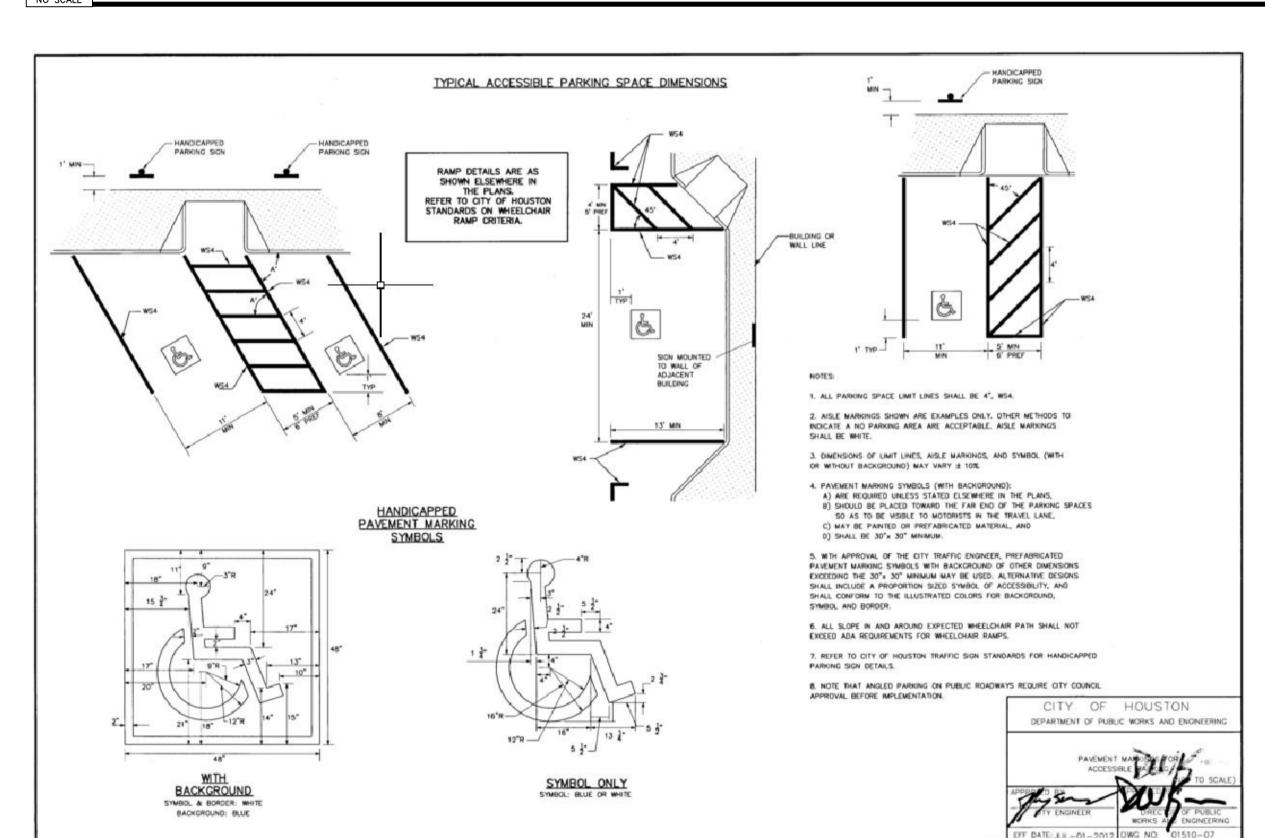
R X R (SEE SHEET 01010-Q8 DETAILS)

OTHER WORDS OR SYMBOLS WAY BE INCCESSARY UNDER

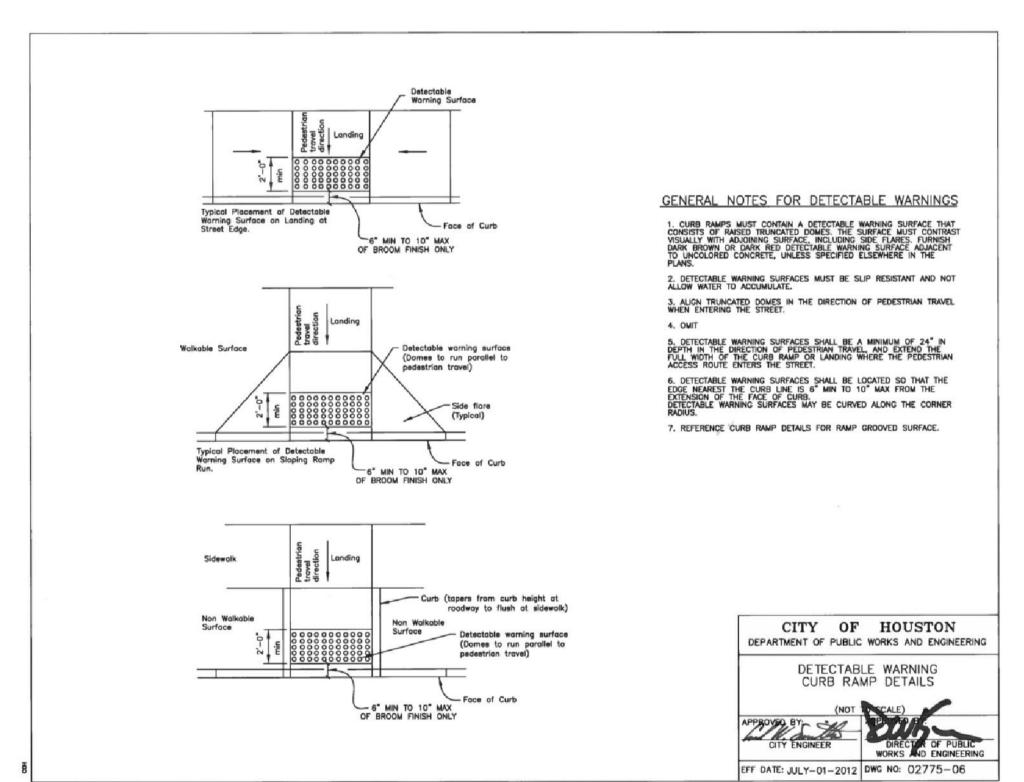
CERTAIN CONCITIONS. SPECIAL PERMISSION NEEDED BY

CITY TRAFFIC ENGINEER FOR SPECIAL CONDITIONS. 5. UNCONTROLLED USE OF PAYEMENT MARKINGS CAM RESULT IN DRIVER CONFUSION, WORD AND SYNBOL MARKINGS SHOULD BE NO MORE THAN THREE LINES. 8. THE WORD "STOP" SHALL NOT BE USED ON THE PAVEMENT UNLESS ACCOMPANIED BY A STOP LINE AND STOP SION. THE WORD "STOP" SHALL NOT BE PLACED ON THE PAVEMENT IN ADVANCE TO A STOP LINE, UNLESS EVERY VEHICLE IS REQUIRED TO STOP AT ALL TIMES (ALL-MAY STOP). 7. PAVEMENT MARKINGS SHOULD GENERALLY BE NO MORE THAN ONE LANE IN WOTH, WITH SCHOOL MESSAGES BEING THE EXCEPTION. FOR DETAILS OF SCHOOL AND SCHOOL CROSSING PAVENERS MARKINGS, REFER TO PART VII OF THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". B. SPACING BETWEEN STANDARD SIZE LETTERS SHOULD BE 4 INCHES (MM). THE WOTH OF NON-STANDARD SIZE LETTERS MAY VARY DEPENDING ON THE WOTH OF THE TRAVEL LANES. APPROVAL BY CITY TRAFFIC ENGINEER, SPECIAL PERMISSION NEEDED FOR NON-STANDARD SIZE "LETTER" AND/OR "ARROWS". S. LANE-USE ARROW MARKINGS MAY BE USED TO CONVEY DITHER GUIDANCE OR MANDATORY MESSAGES. SINGLE TURN ARROWS USED TO CONVEY A MANDATORY MOMENT MUST BE ACCOMPANIED STANDARD SIGNS AND THE PAVEMENT MARRING WORD "ONLY". TO PAVEMENT MARKINGS ARE TO BE LOCATED AS SPECIFIED CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERIN STANDARD PAVEMENT MARKING - SYMBOLS

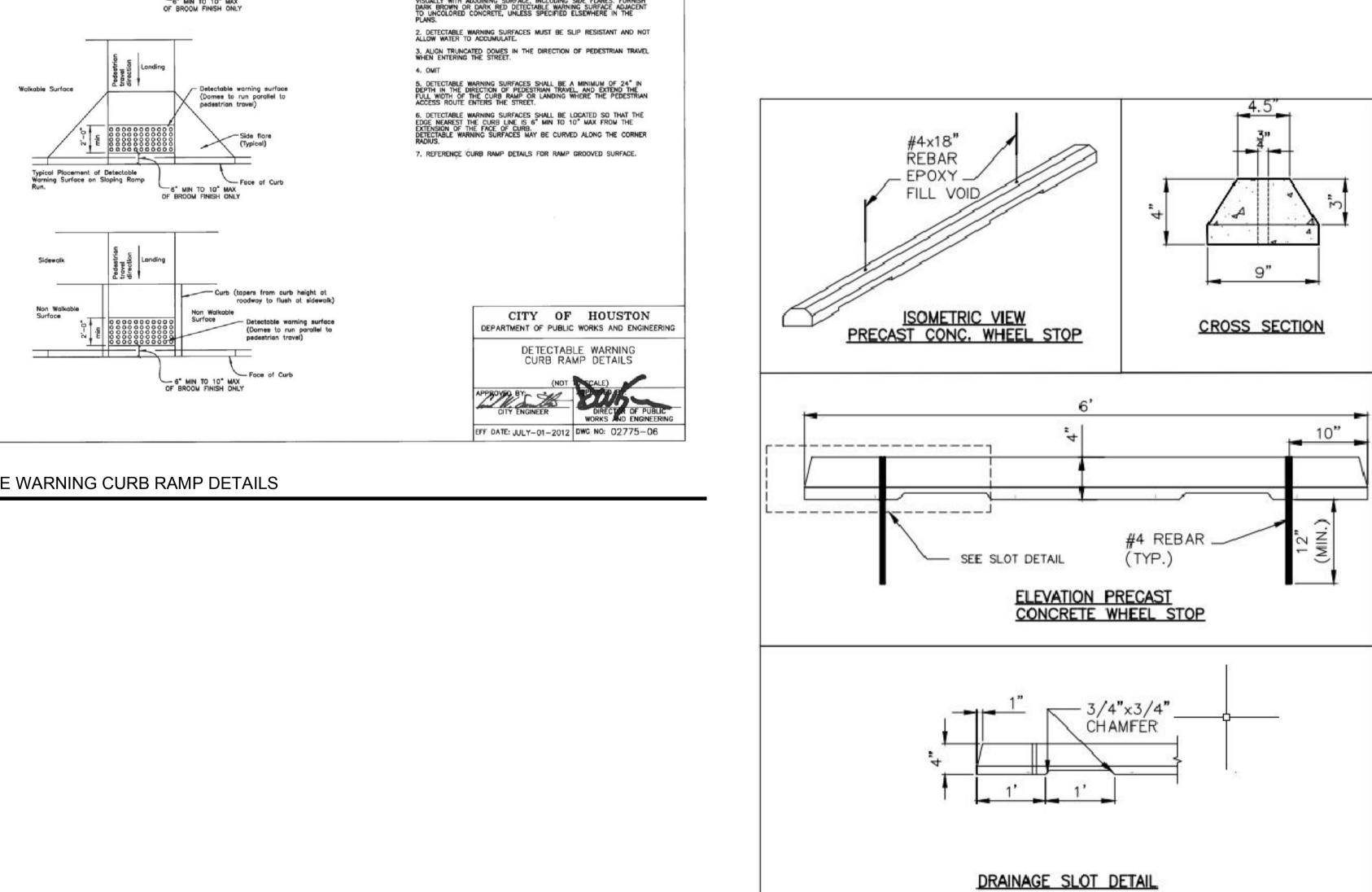
STANDARD PAVEMENT MARKING (WORDS)



STANDARD PAVEMENT MARKING (SYMBOLS)

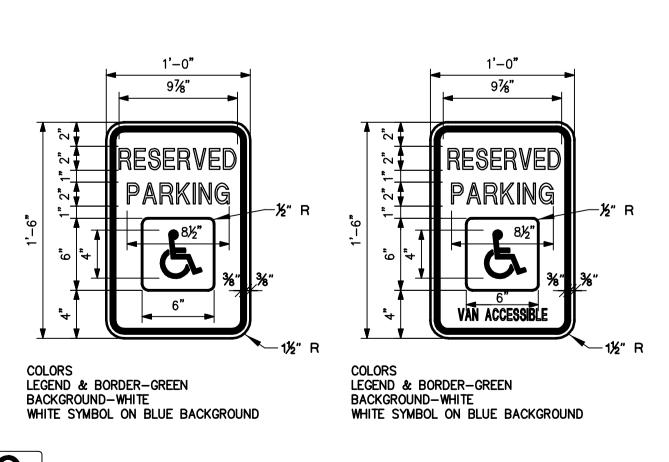


DETECTABLE WARNING CURB RAMP DETAILS



ALUMINUM HANDICAPPED — PARKING SIGN. SIGN TO READ "RESERVED PARKING" W/IDENIFICATION SYMBOL, BOLT TO STEEL TUBE W/ 3/8" CADMIUM PLATED BOLTS, NUTS AND WASHERS. "VAN ACCESSIBLE" -SIGN AS REQUIRED 2" x 2" x .188" STEEL TUBE — EXTEND INTO CONCRETE PIPE 2'-0" PROVIDE WELDED WATER TIGHT CAP PAINT P&L # 6118 BLACK COFFEE PAINT PIPE BASE YELLOW -# 6-14" LONG BARS EACH — WAY THRU PIPE HANDICAP PARKING SIGN

PAVEMENT MARKINGS FOR ACCESSABLE PARKING



ACCESSIBLE PARKING SIGN

WHEEL STOP



CLIENT:



STRUCTURAL

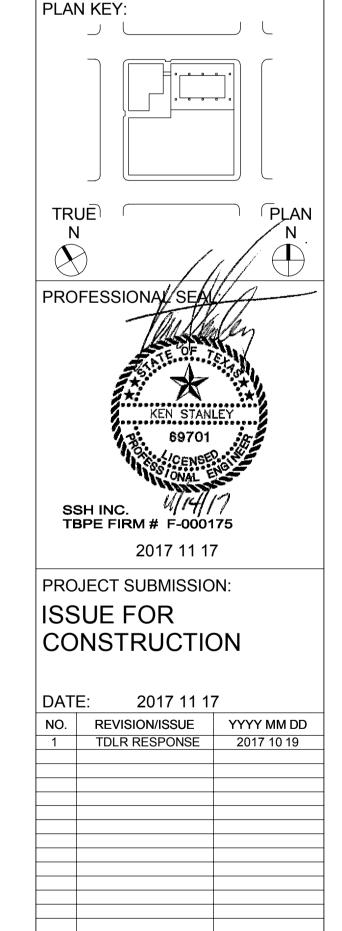
HENDERSON **ROGERS** structural engineers

CIVIL - MEP



SURVEYOR

PROJECT TITLE: DISTRICT ATTORNEY BUILDING **DEMOLITION & IMPROVEMENT**



Original drawing is 42 x 30 Do not scale contents of this drawing

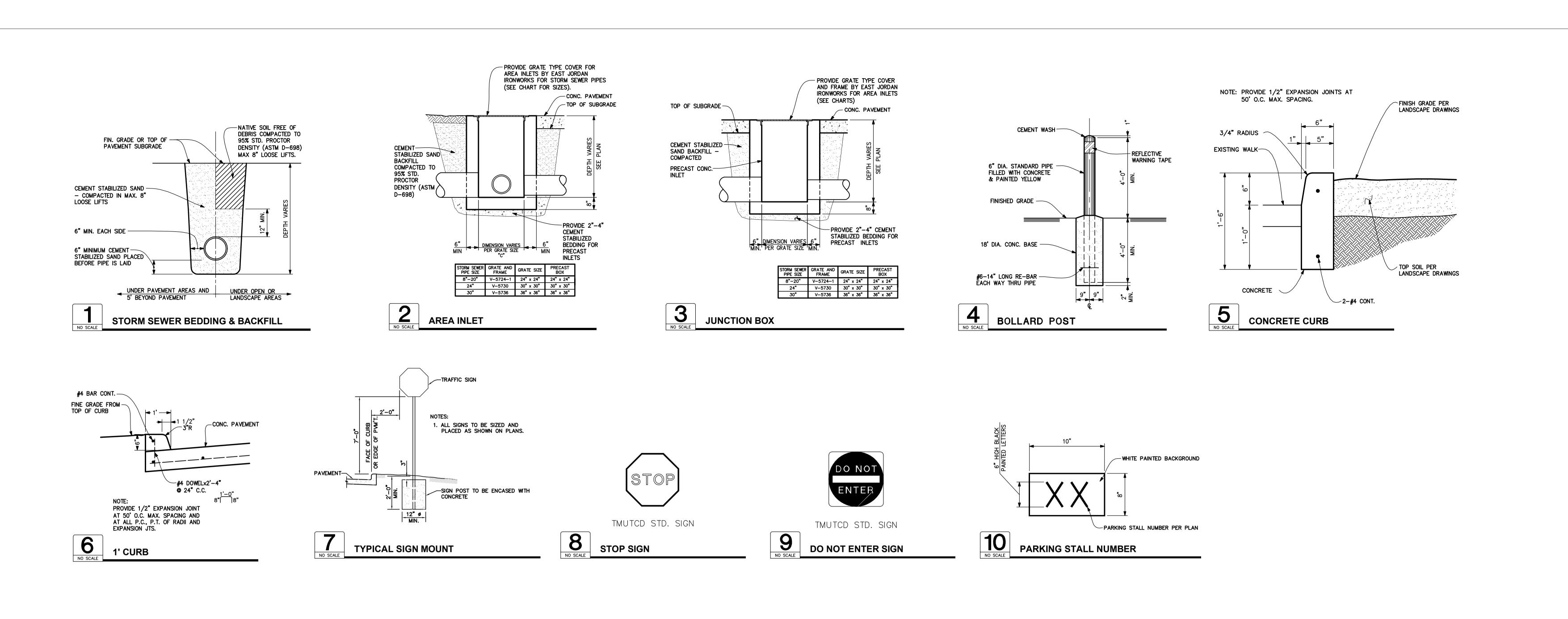
PROJECT NO. | **17-00017-00**

ENGINEERING

DRAWN BY Author

SHEET TITLE:

DETAILS





CLIENT:



STRUCTURAL



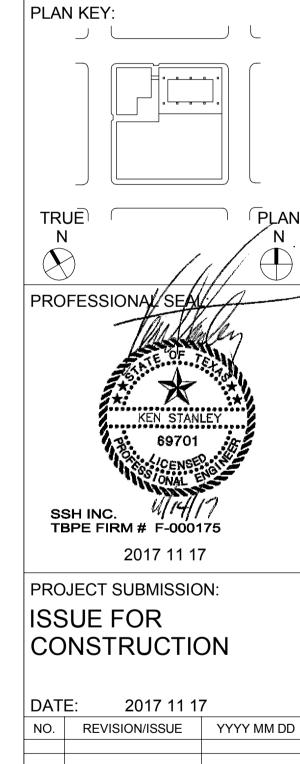
CIVIL - MEP



SURVEYOR

PROJECT TITLE:

DISTRICT ATTORNEY BUILDING DEMOLITION & SITE IMPROVEMENT

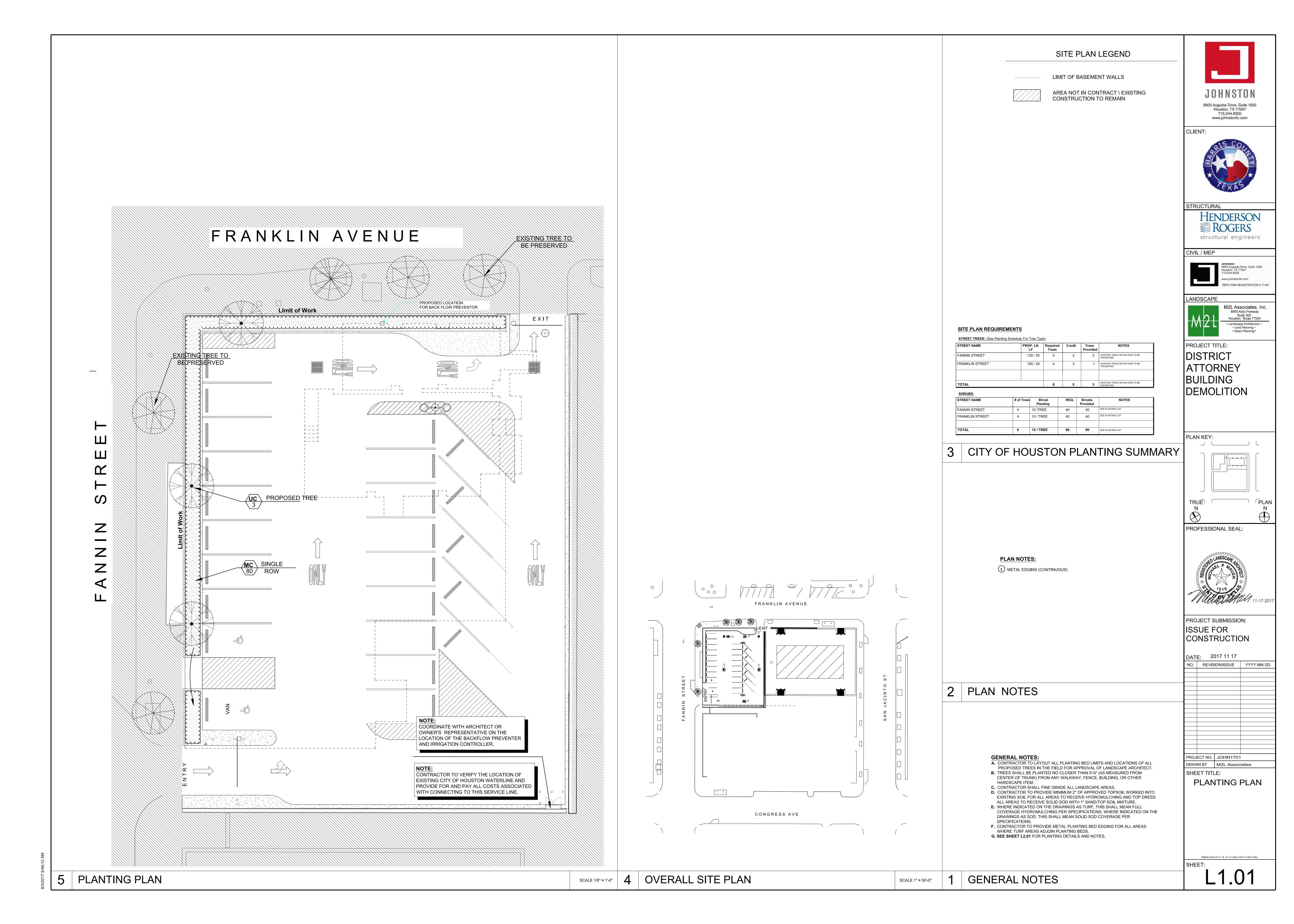


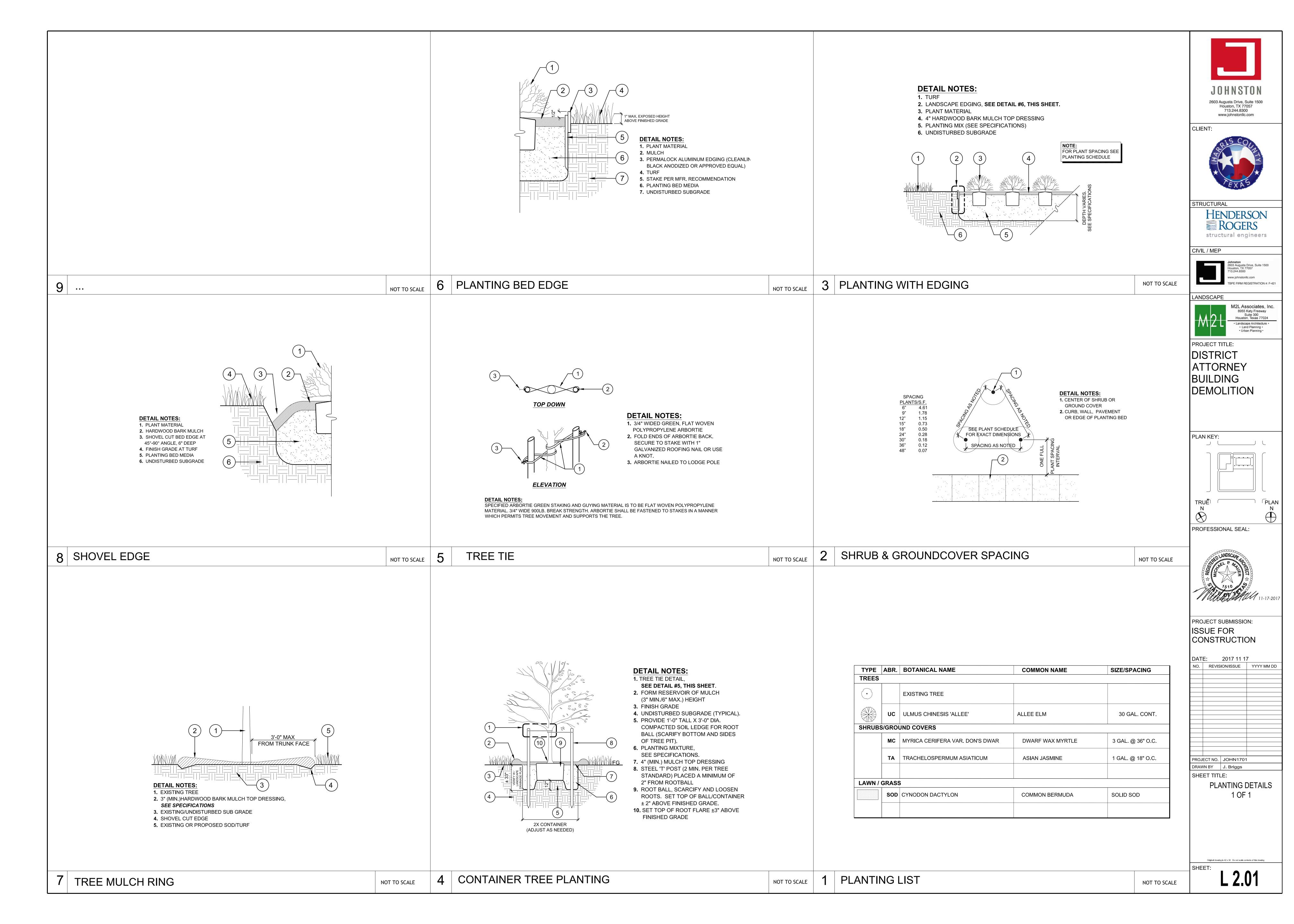
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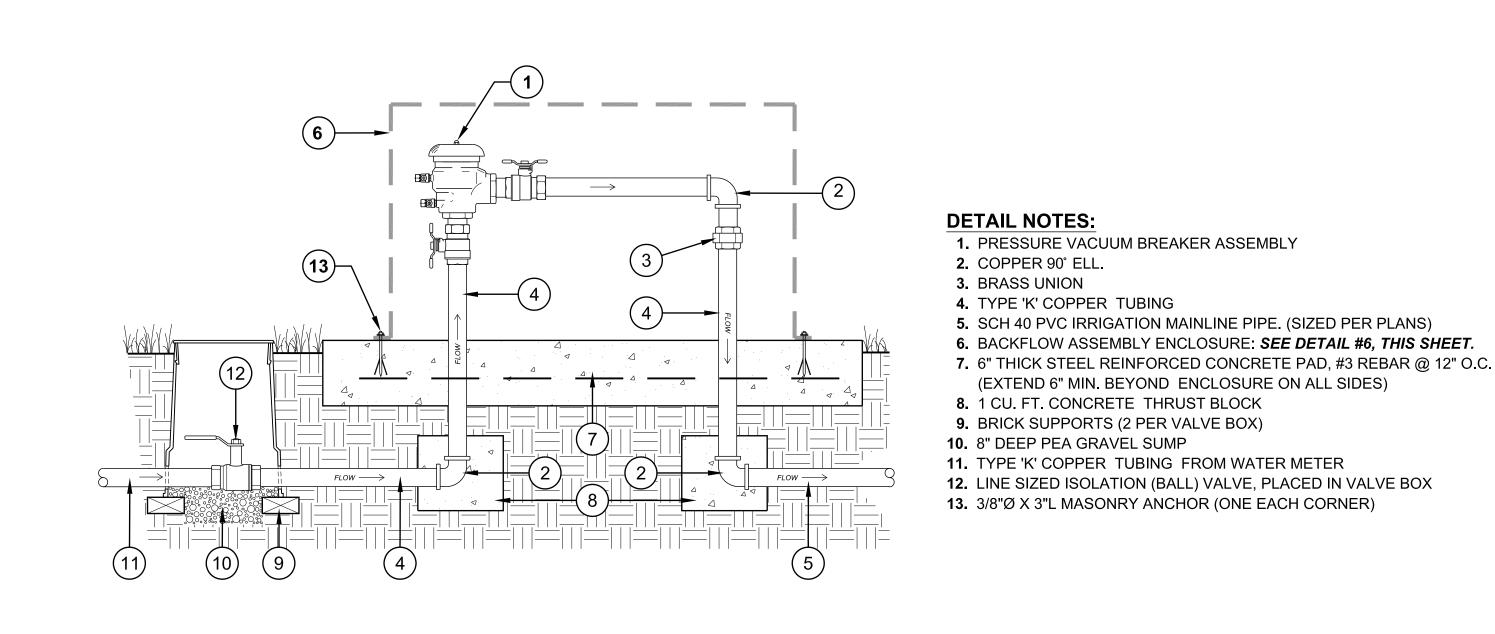
ENGINEERING DETAILS

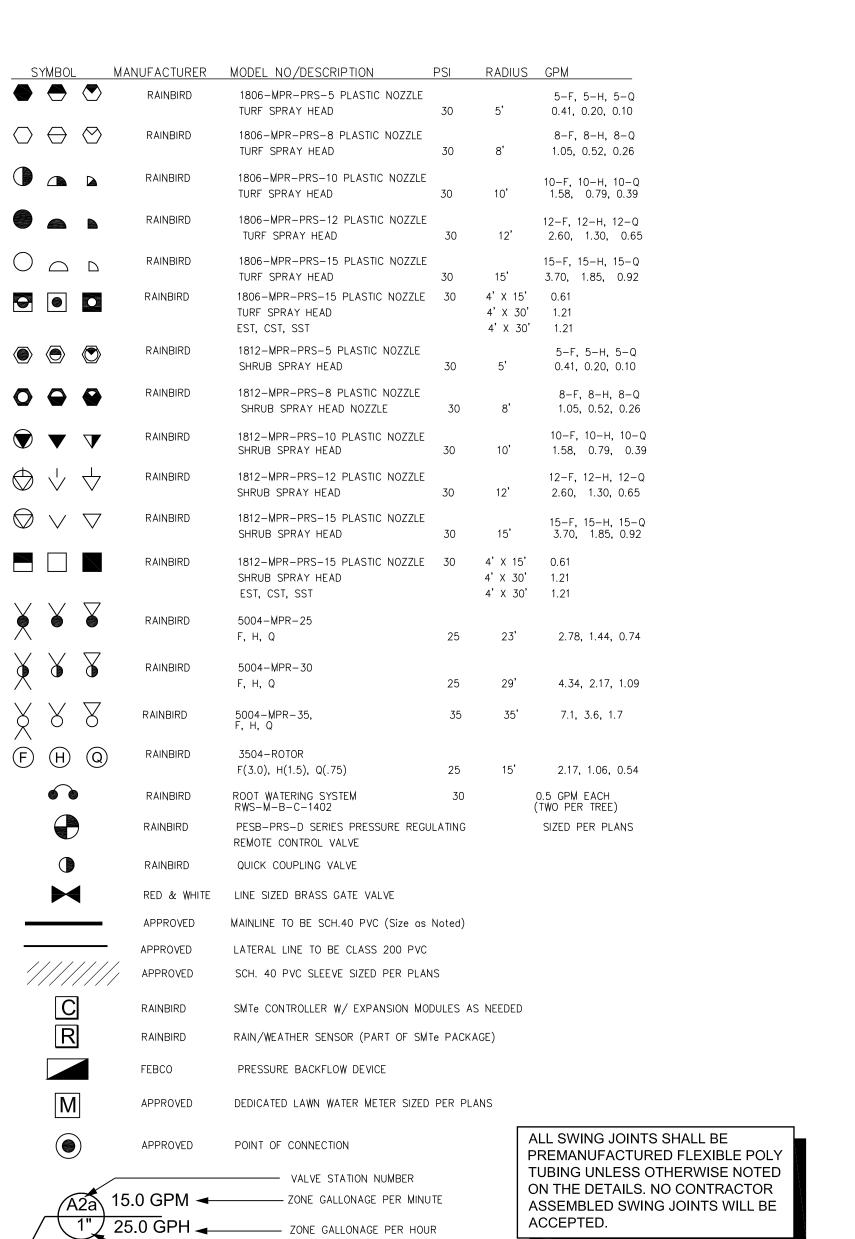
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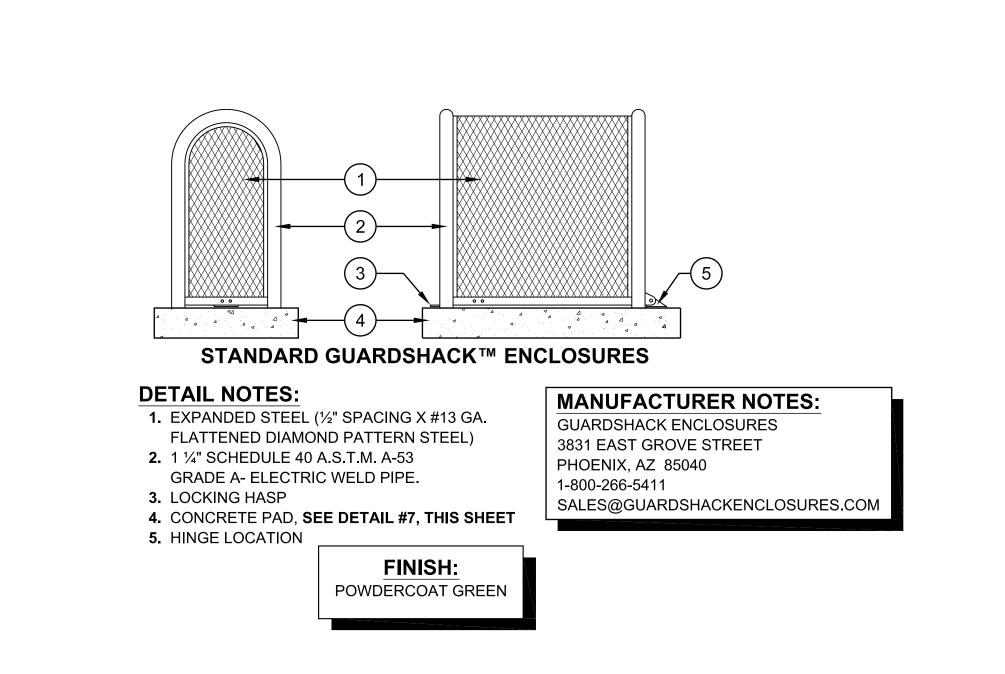
C7.02











4. FINISH GRADE (TURF)

7. 3/8" Ø WASHED PEA GRAVEL

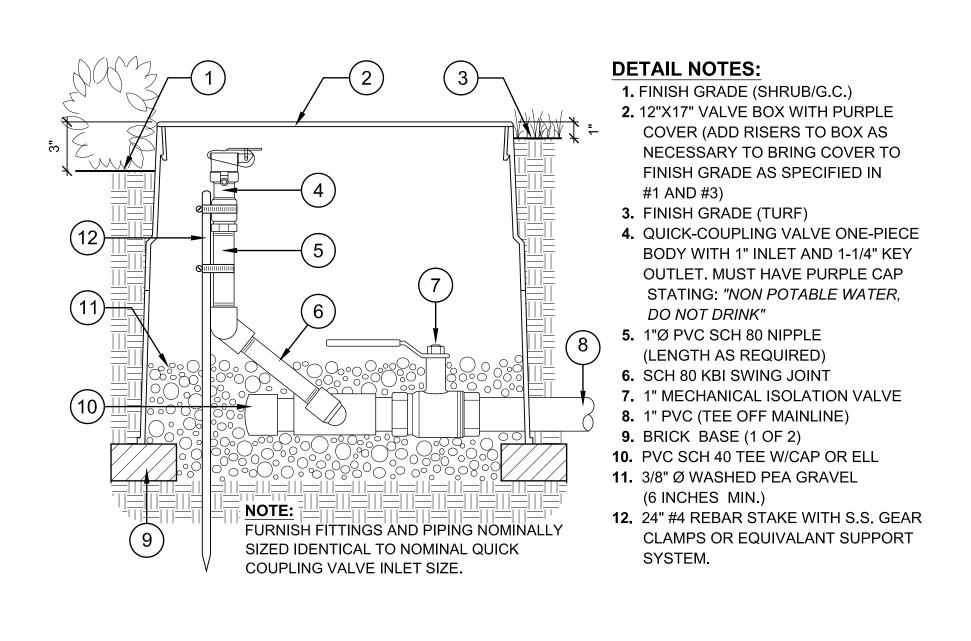
(6 INCHES MIN.)

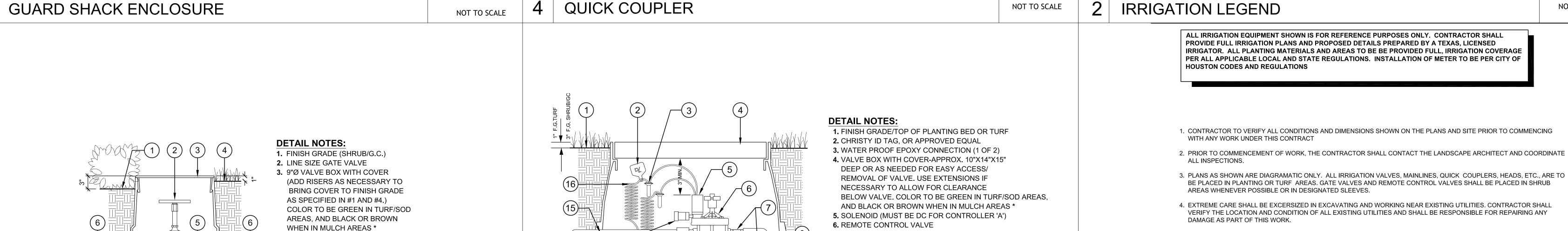
8. BRICK BASE (1 OF 2)

5. PVC SCH 80 MALE ADAPTER

6. PVC MAINLINE (SIZED PER PLANS)

BACKFLOW PREVENTER





PLAN KEY: ′ |。└。。。。| TRUE ¹ PLAN PROFESSIONAL SEAL: NOT TO SCALE PROJECT SUBMISSION: ISSUE FOR CONSTRUCTION DATE: 2017 11 17 NO. REVISION/ISSUE YYYY MM DD PROJECT NO. JOHN1701 DRAWN BY J. Brigas SHEET TITLE: IRRIGATION DETAILS 1 OF 2

REGULATING VALVES TO OBTAIN OPTIMUM PERFORMANCE. 9. CONTRACTOR SHALL CONSULT WITH THE LANDSCAPE ARCHITECT ON THE FINAL LCOATION OF THE BACKFLOW PREVENTER AND IRRIGATION CONTROLLER PRIOR TO INSTALLATION. 10. ALL EQUIPMENT SHALL CONFORM TO APPLICABLE STATE, CITY AND COUNTY IRRIGATION AND PLUMBING CODES. 11. REFER TO THE SPECIFICATIONS FOR ADDITIONAL SYSTEM, PRODUCT, AND INSTALLATION INFORMATION AND REQUIREMENTS. **IRRIGATION NOTES**

5. THE CONTRACTOR SHALL AT ALL TIMES PROTECT HIS WORK FROM DAMAGE AND THEFT AND REPLACE ALL DAMAGED

6. THE CONTRACTOR SHALL NOT WILLFULLY INSTALL THE SPRINKLER SYSTEM AS ILLUSTRATED ON THE DRAWINGS

THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINNEERING OF THE SYSTEM. SUCH OBSTRUCTIONS OR

WHEN FIELD ANALYSIS REVEALS OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN AREA DIMENSIONS,

DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE

IN A TIMELY MANNER. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY COSTS RELATED TO REVISING

"CERTIFICATE OF SUBSTANTIAL COMPLETION". THIS SHALL INCLUDE RECALCULATING THE PRESSURE AT PRESSURE

OR STOLEN PARTS AT HIS EXPENSE UNTIL RECEIPT OF "CERTIFICATE OF SUBSTANTIAL COMPLETION".

7. USE GLUE JOINTS IN ALL SECTIONS OF MAINLINE PIPE THAT PASS THROUGH SLEEVES UNDER PAVEMENT.

8. CONTRACTOR SHALL FLUSH AND ADJUST THE SYSTEM FOR OPTIMUM PERFORMANCE PRIOR TO REQUEST FOR

OR ALTERING THE SYSTEM IN THE EVENT THAT SUCH NOTIFICATION IS NOT CARRIED OUT.

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STRUCTURAL **HENDERSON** ROGERS structural engineers

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ww.johnstonllc.com BPE FIRM REGISTRATION #: F-421

LANDSCAPE M2L Associates, Inc. 8955 Katy Freeway Suite 300 Houston, Texas 77024 • Landscape Architecture • Land Planning

PROJECT TITLE: DISTRICT ATTORNE

BUILDING DEMOLITION

Original drawing is 42 x 30 Do not scale contents of this drawing

SHEET:

5 GATE VALVE

NOT TO SCALE

REMOTE CONTROL VALVE

NOT TO SCALE

7. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)

10. SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND

9. BRICK (1 OF 4 AT EACH CORNER)

12. 4" MIN. OF 3/8" WASHED PEA GRAVEL

16. 30-IN LINEAR LENGTH OF WIRE COILED

17. ADJUSTABLE PRESSURE REGULATOR

(±5 WRAPS AROUND A 2" PVC)

8. PVC SCH 80 ELL

11. PVC SCH 80 TEE OR ELL

14. PVC MAINLINE PIPE **15.** PVC LATERAL PIPE

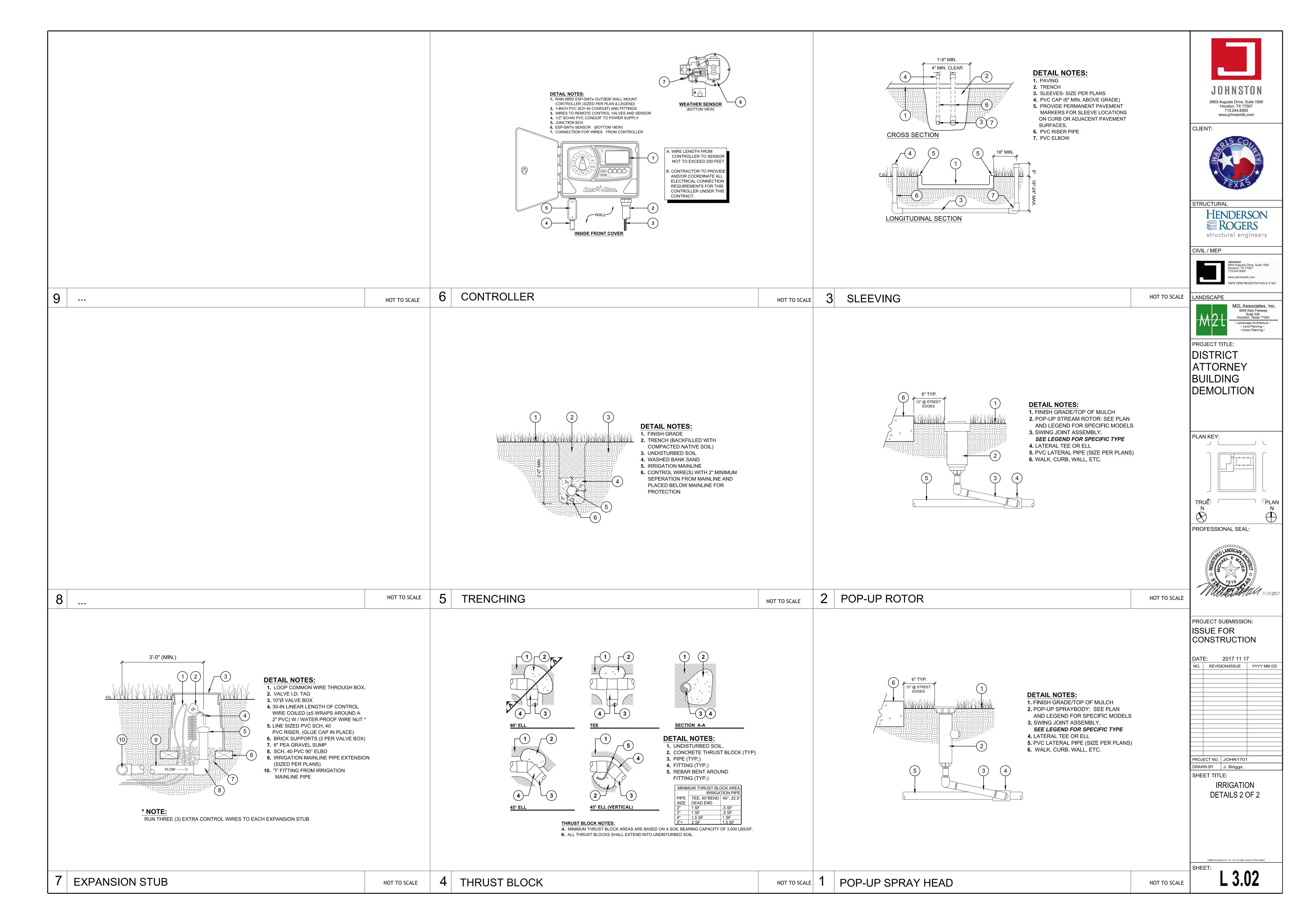
13. PVC SCH 80 MALE ADAPTER

SCH 40 ELL

NOT TO SCALE

NOT TO SCALE

NOT TO SCALE



GENERAL STRUCTURAL NOTES PART I - DESIGN CRITERIA PART IV - MISCELLANEOUS PART V - SUBMITTALS PART VI - DESIGN LOADS A. GENERAL BUILDING CODE THE CONTRACT DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE A. CONTRACT DOCUMENTS SUBMITTAL LIST AND SCHEDULE IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN ALL CONTRACT THE GENERAL CONTRACTOR SHALL PREPARE A DETAILED LIST AND SCHEDULE OF ALL INTERNATIONAL BUILDING CODE, 2012 EDITION. DOCUMENTS AND LATEST ADDENDA AND TO SUBMIT SUCH DOCUMENTS TO ALL SUBMITTAL ITEMS TO BE SENT TO THE STRUCTURAL ENGINEER PRIOR TO THE START OF SUBCONTRACTORS AND MATERIAL SUPPLIERS PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS, CONSTRUCTION. THIS LIST SHALL BE UPDATED AND REVISED AND KEPT CURRENT AS EQUIPMENT LOADS FABRICATION OF ANY STRUCTURAL MEMBERS, AND ERECTION IN THE FIELD. THE JOB PROGRESSES. THE SUBMITTAL LIST SHALL BE ORGANIZED AS SHOWN BELOW: THE GENERAL CONTRACTOR SHALL SUBMIT ACTUAL WEIGHTS OF EQUIPMENT TO BE USED IN THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED SHOP DRAWINGS THE PROJECT TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF LOADS USED IN THE MANUFACTURERS LITERATURE FOR PRODUCTS, ASSEMBLIES, AND HARDWARE STRUCTURE, AND, EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE METHOD OR DESIGN AT LEAST THREE WEEKS PRIOR TO DEMOLITION OF THE SUPPORTING STRUCTURE. MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND PRODUCTS, ASSEMBLIES AND HARDWARE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCE. WIND PRESSURES ARE BASED ON THE AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM THE GENERAL CONTRACTOR SHALL SUBMIT FOR ENGINEER REVIEW SHOP DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-2010 WITH A WIND B. DRAWING CONFLICTS DRAWINGS FOR THE FOLLOWING ITEMS: SPEED = 139 MPH (3 SEC. GUST), WIND EXPOSURE CATEGORY B, WIND IMPORTANCE THE GENERAL CONTRACTOR SHALL COMPARE THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND CONCRETE MIX DESIGNS (~) FACTOR 1.00, BUILDING CATEGORY II EMBEDDED ITEMS (PLATES, ANGLES, BOLTS, ETC.) OR ITEMS ATTACHED TO REPORT ANY DISCREPANCY BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO INTERNAL PRESSURE COEFFICIENT +-0.18 THE ARCHITECT AND ENGINEER. THE STRUCTURAL FRAME FOR BUILDING CLADDING ATTACHMENT OR FOR ATTACHMENT OF OTHER ITEMS (#) EXISTING CONDITIONS CURTAIN WALL / GLAZING SYSTÈMS (#) THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE EXISTING (4) DEMOLITION/ BRACING PLAN, INCLUDING DEMOLITION EQUIPMENT TO BE USED, BUILDING AT THE JOB SITE AND REPORT ANY DISCREPANCIES FROM ASSUMED CONDITIONS SHOWN WEIGHTS OF EQUIPMENT, LIFTS, PROPOSED CHUTES AND CHUTE PART II - REINFORCED CONCRETE ON THE DRAWINGS TO THE ARCHITECT AND ENGINEER. CONSTRUCTION, PHASING, PROTECTION, ETC. A SIGNED AND SEALED LETTER FROM A THIRD PARTY ENGINEER, LICENSED IN THE STATE OF TEXAS, WILL BE IT IS THE RESPONSIBILITY OF THE CONTRACTOR FOR STABILITY OF THE STRUCTURE DURING REQUIRED FOR USE OF HEAVY EQUIPMENT TO BE USED ON THE EXISTING **ROOF PLAN** FLOORS OR ATTACHED TO BUILDING DURING DEMOLITION STATING THAT THE a = 11 ft DEMOLITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL REQUIRED BRACING DURING DEMOLITION TO MAINTAIN THE STABILITY AND SAFETY OF ALL STRUCTURAL ELEMENTS. EXISTING BUILDING IS CAPABLE OF RESISTING THE SUPERIMPOSED LOADS OF CLASSES OF CONCRETE THE EQUIPMENTAND ANY SUPPORTING DEBRIS (*). E. CONFLICTS IN STRUCTURAL REQUIREMENTS ALL CONCRETE SHALL CONFORM TO THE REQUIREMENTS AS SPECIFIED IN THE TABLE BELOW UNLESS WHERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACT NOTED OTHERWISE ON THE DRAWINGS: DESIGN LOAD (psf) DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS, THE STRICTEST (*) ITEMS MARKED THUS SHALL HAVE SHOP DRAWINGS SEALED BY A REGISTERED 28 DAY COMP. MAX REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN. ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED PER THE PROJECT STRENGTH CONC SIZE ZONE 0-10 sq ft >100 sq ft (#) ITEMS MARKED THUS SHALL BE SUBMITTED TO ENGINEER FOR OWNER'S RECORD CONTRACTOR SUBSTITUTIONS USAGE TYPE AGG. REMARKS ANY MATERIALS OR PRODUCTS SUBMITTED FOR APPROVAL THAT ARE DIFFERENT FROM THE MATERIAL ONLY AND WILL NOT HAVE THE ENGINEER'S SHOP DRAWING STAMP AFFIXED. OR PRODUCTS SPECIFIED IN THE STRUCTURAL CONTRACT DOCUMENTS WILL BE APPROVED ONLY IF +16/-67 +16/-56 (~) ITEMS MARKED THUS SHALL BE SUBMITTED TO THE OWNER'S TESTING AGENCY 1. WALL REPAIR 4000 NWT 3/4" SELF CONSOLIDATING THE FOLLOWING CRITERIA ARE SATISFIED: FOR THEIR REVIEW. 2. CONCRETE CURB NWT 3/8" 4000 2 +16/-107 +16/-89 A COST SAVINGS TO THE OWNER IS DOCUMENTED AND SUBMITTED WITH THE REQUEST. (^) ITEMS MARKED THUS SHALL BE SUBMITTED TO THE CONSTRUCTION 3. LIGHT POLE FOUNDATION/PADS 1 1/2" THE MATERIAL OR PRODUCT HAS BEEN APPROVED BY THE INTERNATIONAL CONFERENCE OF GEOTECHNICAL ENGINEER FOR THEIR REVIEW. 3 +16/-146 +16/-123 BUILDING OFFICIALS (ICBO) AND THE ICBO REPORT IS SUBMITTED WITH THE REQUEST. 2. ALL SHOP DRAWINGS MUST BE REVIEWED AND STAMPED BY THE GENERAL NWT = NORMAL WEIGHT CONCRETE SUBMITTALS NOT SATISFYING THE ABOVE CRITERIA WILL NOT BE CONSIDERED. CONTRACTOR PRIOR TO SUBMITTAL. 2(OPH) +16/-81 +16/-77 3. CONTRACTOR SHALL SUBMIT ONE SET OF REPRODUCIBLES AND TWO SETS OF REINFORCING STEEL SPECIFICATION 3(OPH) +16/-129 +16/-43 H. THE STRUCTURAL ENGINEER'S ROLE DURING CONSTRUCTION ALL REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE ON THE PRINTS FOR ALL SHOP DRAWINGS SPECIFIED TO BE RETURNED BY THE THE ENGINEER SHALL NOT HAVE CONTROL NOR CHARGE OF, AND SHALL NOT BE ENGINEER. DRAWINGS OR IN THESE NOTES. ZONE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR 4. THE OMISSION FROM THE SHOP DRAWINGS OF ANY MATERIALS REQUIRED BY THE 0-10 sq ft >500 sq ft WELDED REINFORCING STEEL. PROVIDE REINFORCING STEEL CONFORMING TO ASTM A706 FOR PROCEDURES. FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE CONTRACT DOCUMENTS TO BE FURNISHED SHALL NOT RELIEVE THE CONTRACTOR ALL REINFORCING STEEL REQUIRED TO BE WELDED AND WHERE NOTED ON THE DRAWINGS. WORK, FOR THE ACTS OR OMISSION OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OF THE RESPONSIBILITY OF FURNISHING AND INSTALLING SUCH MATERIALS, DEFORMED BAR ANCHORS. ASTM A496 MINIMUM YIELD STRENGTH 75,000 PSI AS NOTED ON THE +47. -47 +40. -42 OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF REGARDLESS OF WHETHER THE SHOP DRAWINGS HAVE BEEN REVIEWED AND DRAWINGS. REINFORCING BARS SHALL NOT BE SUBSTITUTED FOR DEFORMED BAR ANCHORS. +47. -86 +40. -67 WELDED WIRE REINFORCEMENT. WELDED SMOOTH WIRE REINFORCEMENT, ASTM A 185, YIELD THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. STRENGTH 65,000 PSI WHERE NOTED ON THE DRAWINGS. WELDED DEFORMED WIRE PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVES OF HENDERSON ROGERS MANUFACTURERS LITERATURE REINFORCEMENT, ASTM A 497, YIELD STRENGTH 70,000 PSI WHERE NOTED ON THE DRAWINGS. STRUCTURAL ENGINEERS, LLC. IS SOLELY FOR THE PURPOSE OF BECOMING GENERALLY SUBMIT TWO COPIES OF MANUFACTURERS LITERATURE FOR ALL MATERIALS AND PRODUCTS USED IN CONSTRUCTION ON THE PROJECT. FAMILIAR WITH THE PROGRESS AND QUALITY OF THE WORK COMPLETED AND DETERMINING, IN PLACEMENT OF WELDED WIRE REINFORCEMENT. GENERAL, IF THE WORK OBSERVED IS BEING PERFORMED IN A MANNER INDICATING THAT THE WHEREVER WELDED WIRE REINFORCEMENT IS SPECIFIED AS REINFORCEMENT, IT SHALL BE CONTINUOUS 1. (0-10 sq ft) EXAMPLE DENOTES EFFECTIVE WIND AREA. WORK, WHEN FULLY COMPLETED, WILL BE IN ACCORDANCE WITH THE STRUCTURAL CONTRACT ACROSS THE ENTIRE CONCRETE SURFACE AND NOT INTERRUPTED BY BEAMS OR GIRDERS AND PROPERLY 2. + AND - SIGNS SIGNIFY PRESSURES ACTING TOWARD OR AWAY FROM THE THE GENERAL CONTRACTOR SHALL SUBMIT FOR ENGINEER REVIEW AN ELECTRONIC SET DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE LAPPED ONE CROSS WIRE SPACING PLUS 2". SURFACES, RESPECTIVELY. OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN OF DESIGN CALCULATIONS SEALED BY A REGISTERED ENGINEER IN THE STATE WHERE REINFORCEMENT IN TOPPING SLABS AN EFFORT TO GUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE THE PROJECT IS LOCATED FOR THE FOLLOWING ITEMS: WIND PRESSURES MAY BE INTERPOLATED FOR EFFECTIVE WIND AREAS BETWEEN 1. HEAVY EQUIPMENT LOADS ON EXISTING FLOORS, WALLS OR OTHER BUILDING PROVIDE WELDED SMOOTH WIRE REINFORCEMENT MINIMUM 6 X 6 W2.9 X W2.9 IN ALL TOPPING SLABS CONTRACTOR. THE SPECIFIED RANGES. ELEMENTS. UNLESS SPECIFIED OTHERWISE ON THE DRAWINGS. 4. (OPH) REFERS TO ROOF OVERHANG. REINFORCEMENT IN HOUSEKEEPING PADS THE USE OF ELECTRONIC FILES OR REPRODUCTIONS OF THESE CONTRACT DOCUMENTS PROVIDE WELDED SMOOTH WIRE REINFORCEMENT 6 X 6 W2.9 X W2.9 MINIMUM IN ALL HOUSEKEEPING PADS BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPORTING MECHANICAL EQUIPMENT WHETHER SHOWN ON THE DRAWINGS OR NOT UNLESS HEAVIER REINFORCEMENT IS CALLED FOR ON THE DRAWINGS. SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS SIGNIFIES THEIR ACCEPTANCEOF ALL INFORMATION SHOWN HEREON AS CORRECT, AND OBLIGATES THEMSELVES TO REINFORCING STEEL COVERAGE ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR REINFORCING STEEL COVERAGE SHOULD CONFORM TO THE REQUIREMENTS SPECIFIED IN DETAILS LABELED "TYPICAL CLEAR CONCRETE COVER" ON SHEET, UNLESS NOTED OTHERWISE ON THE DRAWINGS. COVER SPECIFIED SHALL BE CONSIDERED MINIMUMS THAT MAY REQUIRE INCREASING WHERE REINFORCING STEEL INTERSECTS FOR DIFFERENT MEMBER TYPES, COVER IN STRUCTURAL MEMBERS NOT SPECIFIED IN THE DETAILS SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 UNLESS SPECIFIED OTHERWISE ON THE DRAWINGS. THE REINFORCING STEEL DETAILER SHALL ADJUST REINFORCING STEEL CAGE SIZES AT INTERSECTING STRUCTURAL MEMBERS AS REQUIRED TO ALLOW CLEARANCE FOR INTERSECTING

PART III - SPECIAL INSPECTIONS

SPLICES IN REINFORCING STEEL

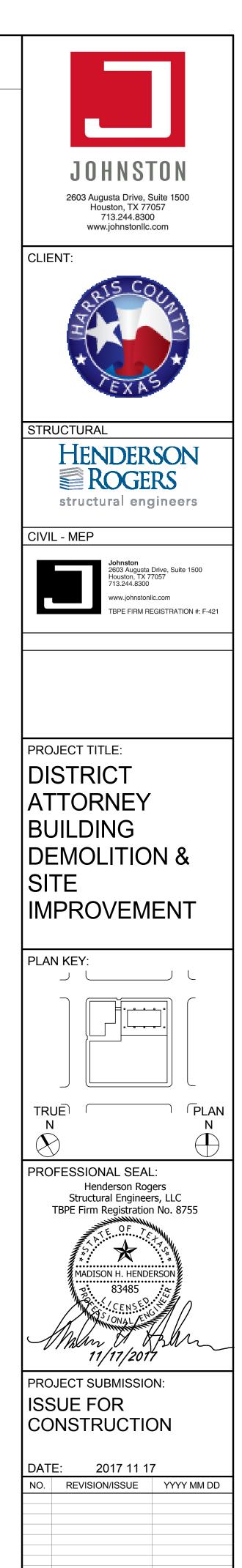
CONCRETE WORK

THE OWNER'S TESTING LABORATORY SHALL PROVIDE SPECIAL INSPECTION SERVICES IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE FOR THE FOLLOWING ITEMS. REINFORCING STEEL PLACEMENT BOLTS INSTALLED IN CONCRETE

SPLICE LOCATION AND TYPE FOR UNSCHEDULED BEAMS, SLABS AND WALLS.

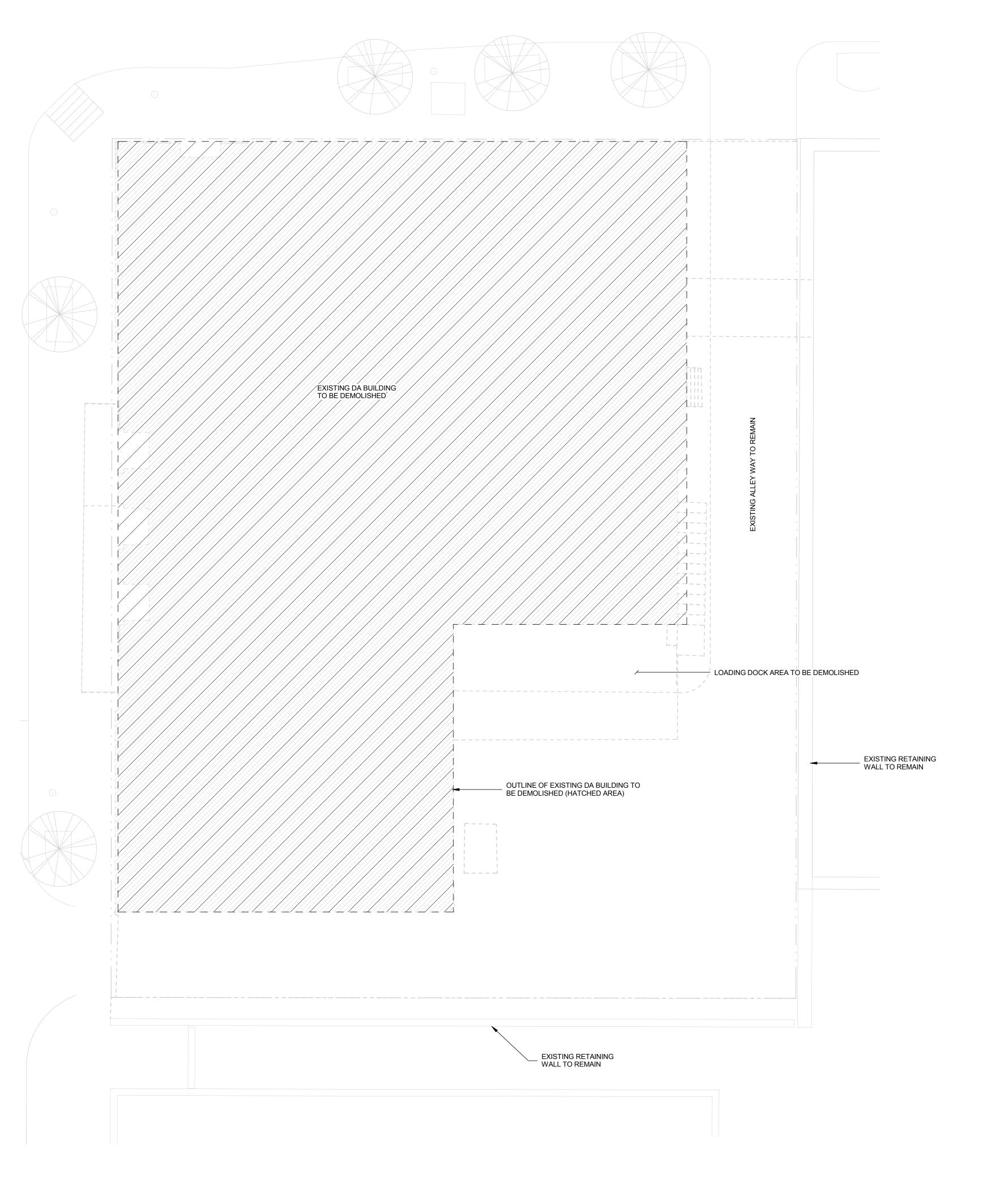
A. BEAMS AND SLABS. UNSCHEDULED BEAMS AND SLABS, INCLUDING GRADE BEAMS, SHALL HAVE CONTINUOUS TOP BARS LAPPED AT MIDSPAN BETWEEN SUPPORTS WITH A CLASS A TENSION SPLICE. BOTTOM BARS SHALL BE LAPPED AT THE SUPPORTS WITH A CLASS A

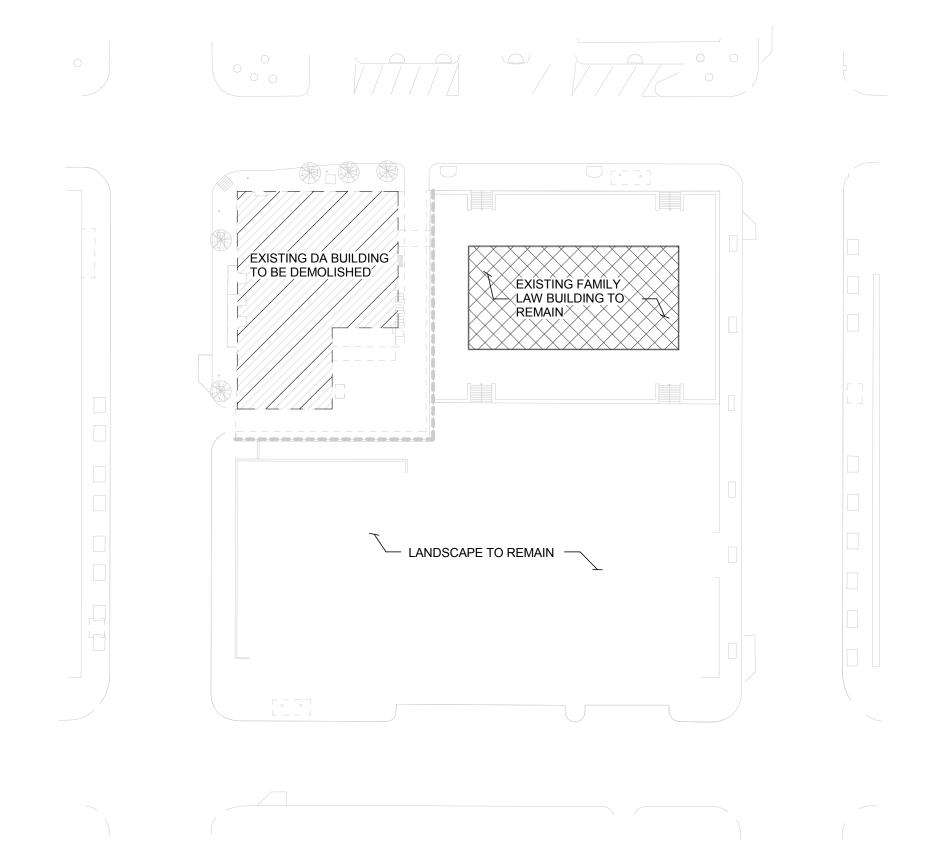
REINFORCING BAR LAYERS WITH MINIMUM SPECIFIED COVER.



PROJECT NO. 17-00017-00 DRAWN BY CM

SHEET TITLE: GENERAL NOTES





DEMOLITION SITE PLAN OVERALL

DEMOLITION LEGEND: AREA TO BE DEMOLISHED

EXISTING AREA TO REMAIN





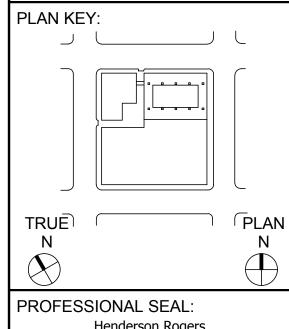
STRUCTURAL HENDERSON
ROGERS structural engineers

CIVIL - MEP



PROJECT TITLE:

DISTRICT BUILDING DEMOLITION & IMPROVEMENT



Henderson Rogers Structural Engineers, LLC TBPE Firm Registration No. 8755

PROJECT SUBMISSION: ISSUE FOR CONSTRUCTION

DATE: 2017 11 17

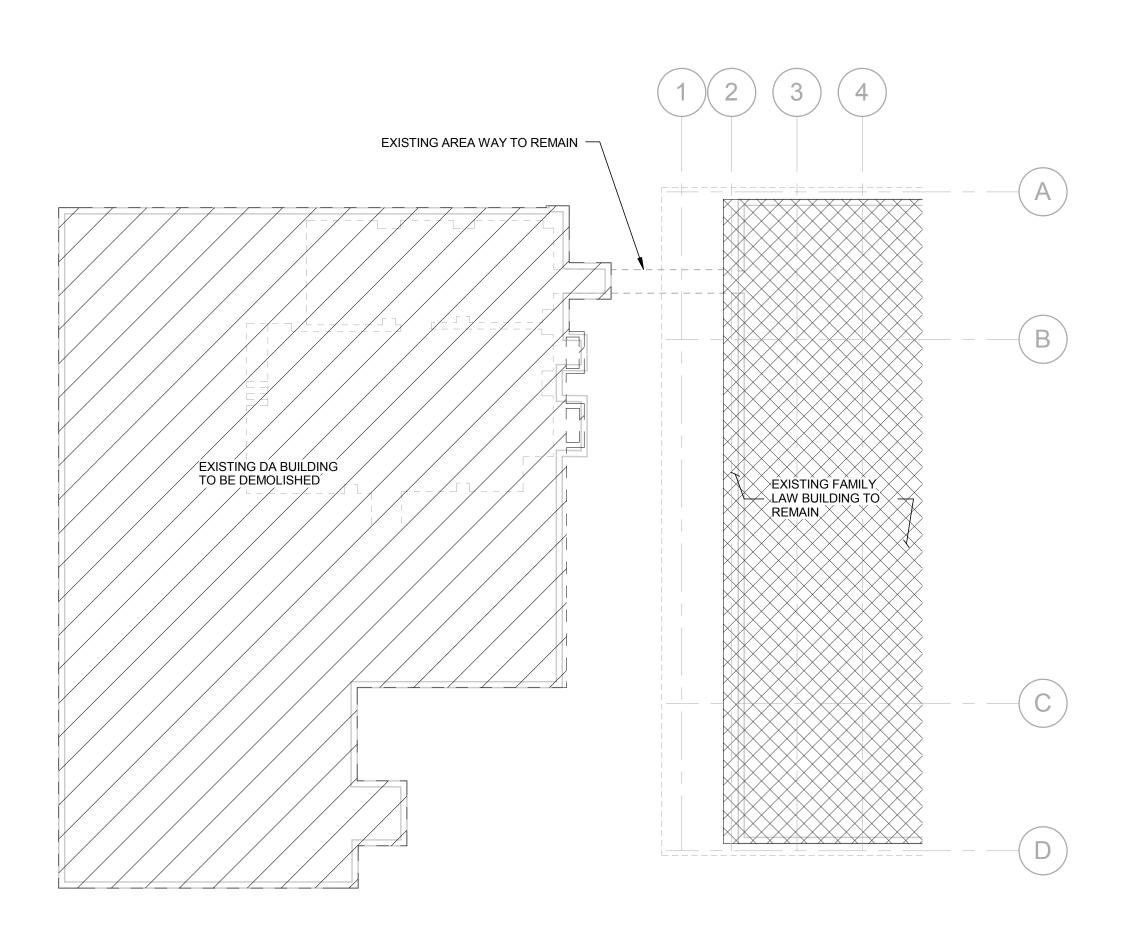
NO. REVISION/ISSUE YYYY MM DD

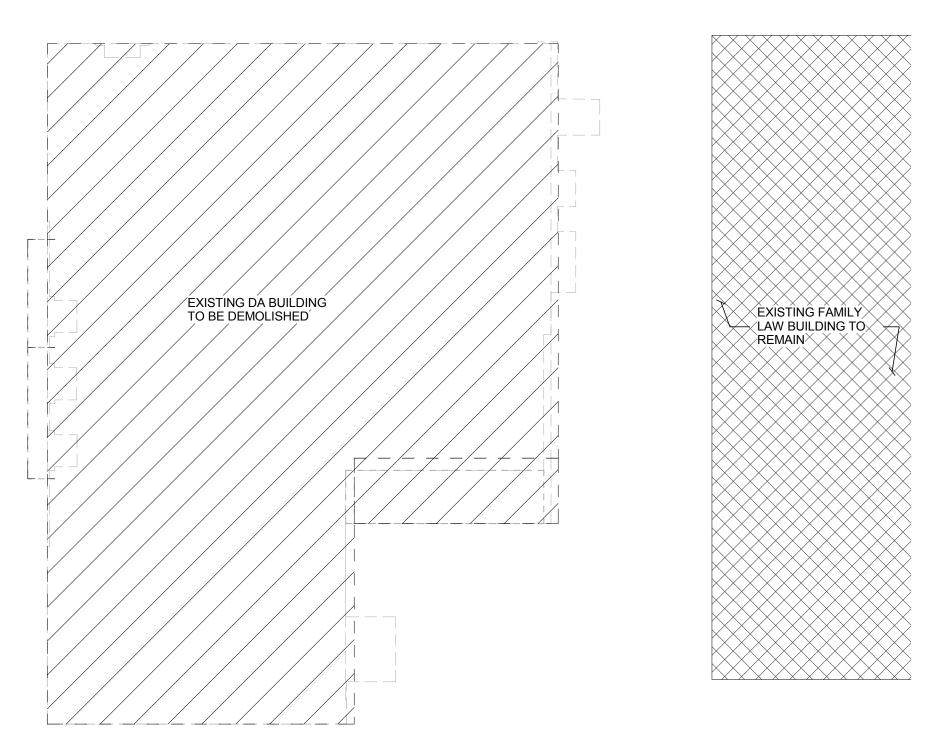
PROJECT NO. 17-00017-00 DRAWN BY CM SHEET TITLE: STRUCTURAL DEMOLITION SITE PLAN

SHEET: SD1.00

DEMOLITION SITE PLAN

1/8" = 1'-0"





PLAN NOTES:

1. REFERENCE SPECIFICATIONS FOR STRUCTURAL DEMOLITION AND SELECTIVE DEMOLITION FOR ADDITIONAL INFORMATION.

2. HATCHED AREAS ON PLAN INDICATE THE EXTENT OF BUILDING DEMOLITION. SEE LEGEND THIS SHEET. 3. A PORTION OF PERIMETER BASEMENT WALL IS TO BE REMOVED BELOW THE PROPOSED PAVING ELEVATION. SEE BASEMENT

SECTION 3/SD3.00 AND REFERENCE THE CIVIL DRAWINGS AND PROJECT GEOTECHNICAL REPORT FOR PROPOSED PAVING ELEVATION AND REQUIRED SUBGRADE PREPARATION DEPTH. BASEMENT WALL IS TO BE BACKFILLED OR BRACED PRIOR TO REMOVAL OF THE FIRST FLOOR STRUCTURE. SEE BASEMENT SECTION 3/SD3.00 FOR ADDITIONAL INFORMATION.

DEMOLITION LEGEND:

AREA TO BE DEMOLISHED

CLIENT:

2603 Augusta Drive, Suite 1500 Houston, TX 77057 713.244.8300 www.johnstonllc.com

STRUCTURAL

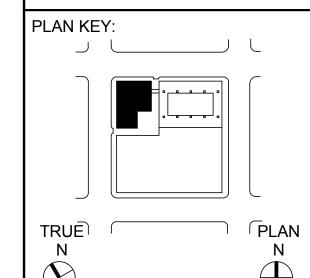
CIVIL - MEP



structural engineers

PROJECT TITLE:

DISTRICT ATTORNEY BUILDING DEMOLITION &
SITE
IMPROVEMENT



PROFESSIONAL SEAL: Henderson Rogers Structural Engineers, LLC TBPE Firm Registration No. 8755

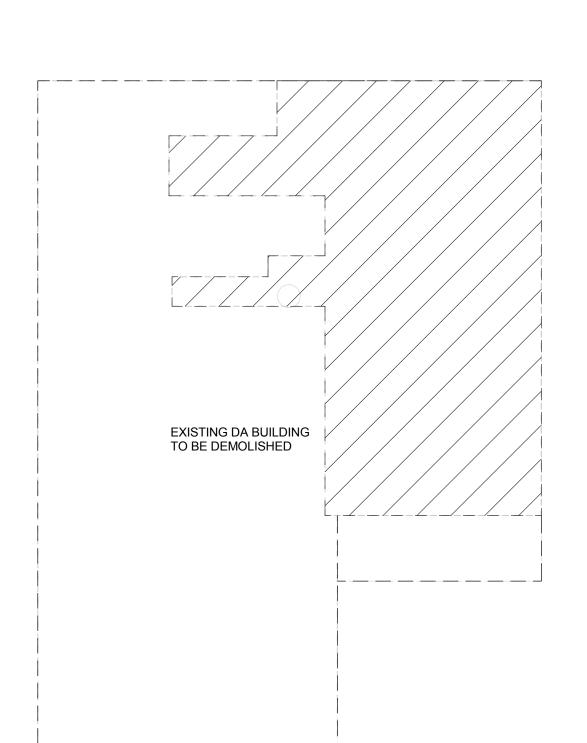
PROJECT SUBMISSION: ISSUE FOR CONSTRUCTION

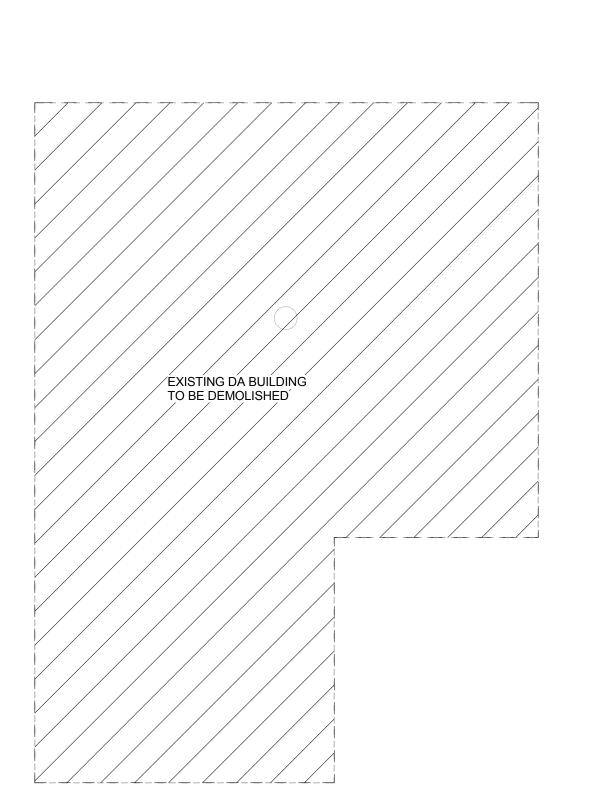
DATE: 2017 11 17

NO. REVISION/ISSUE YYYY MM DD

PROJECT NO. 17-00017-00 DRAWN BY CM

SHEET TITLE: DEMOLITION FLOOR PLANS - BASEMENT TO LEVEL 2



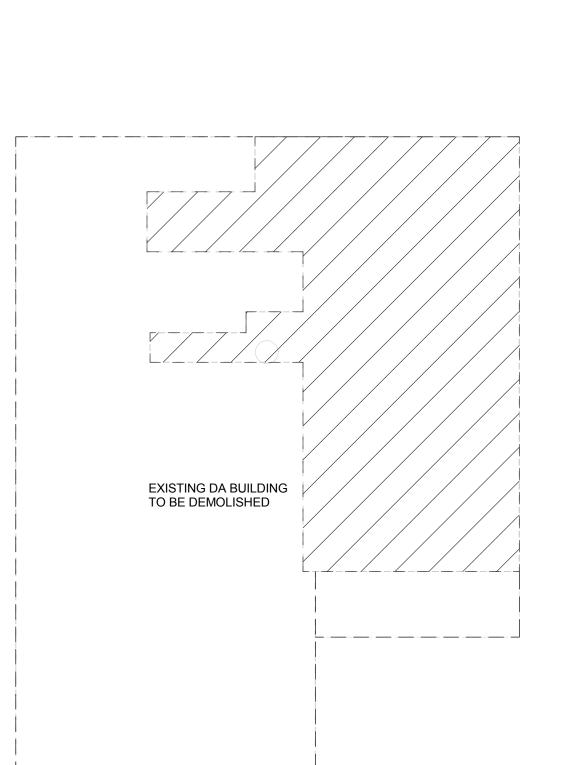


DEMOLITION - MEZZANINE FLOOR

1/16" = 1'-0"

DEMOLITION - SECOND FLOOR

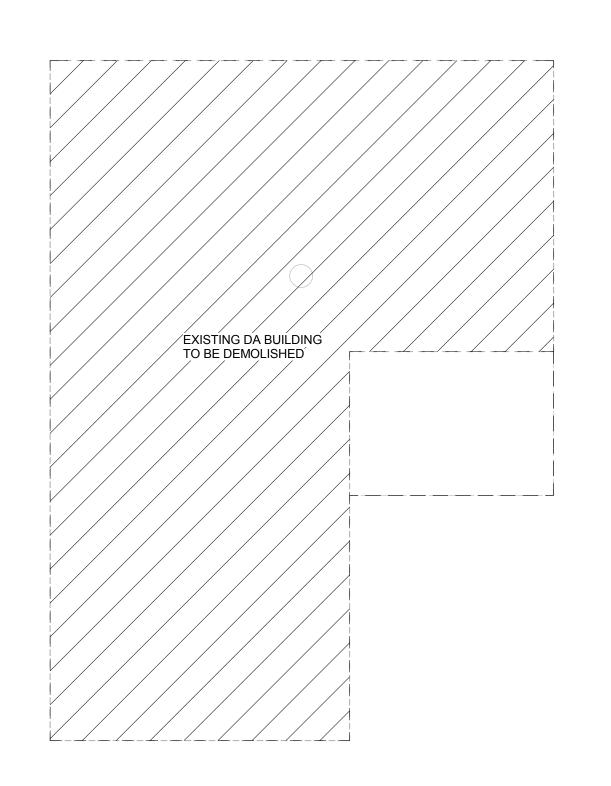
1/16" = 1'-0"

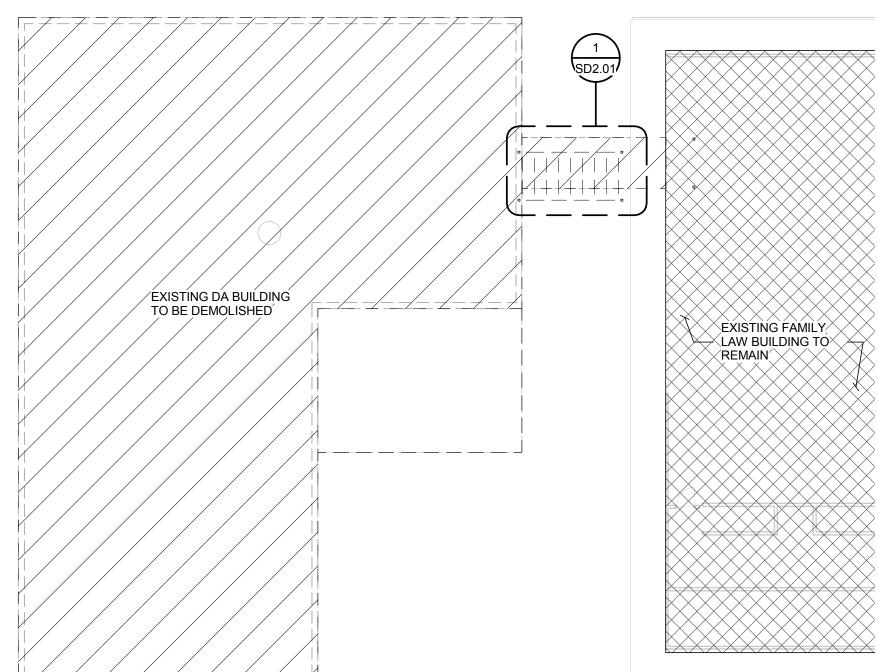


DEMOLITION - FIRST FLOOR

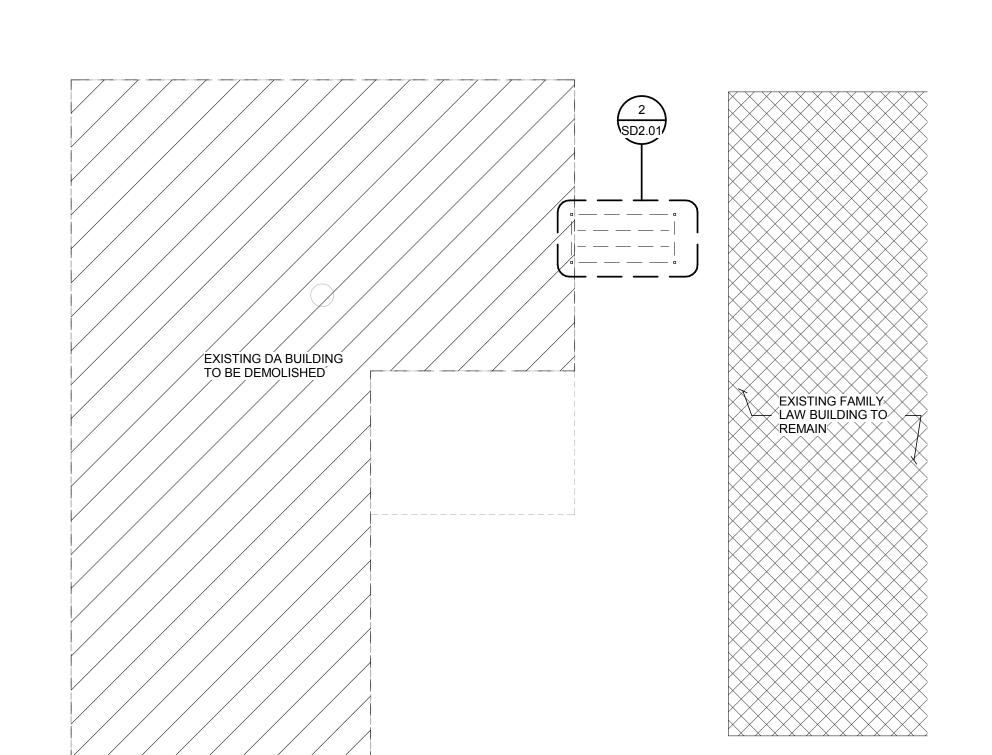
1/16" = 1'-0"

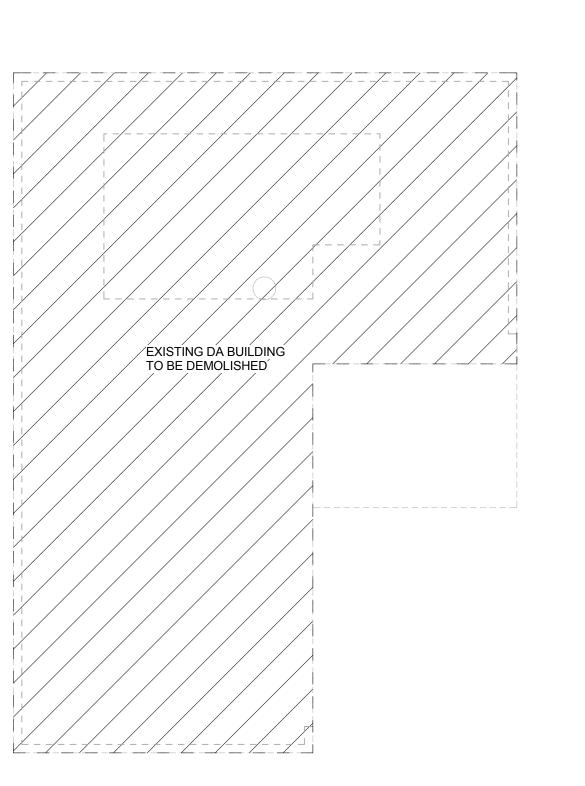
DEMOLITION - BASEMENT FLOOR





DEMOLITION - FOURTH FLOOR





DEMOLITION - FIFTH THRU TENTH FLOOR

1/16" = 1'-0"

DEMOLITION - THIRD FLOOR

DEMOLITION - PENTHOUSE & ROOF

1/16" = 1'-0"

PLAN NOTES:

1. REFERENCE SPECIFICATIONS FOR STRUCTURAL DEMOLITION AND SELECTIVE DEMOLITION FOR ADDITIONAL INFORMATION.

FOR ADDITIONAL INFORMATION.

 HATCHED AREAS ON PLAN INDICATE THE EXTENT OF BUILDING DEMOLITION. SEE LEGEND THIS SHEET.
 DEMOLITION OF ALL SUPPORTED FLOORS SHALL BE HAND DEMOLITION. CONTRACTOR SHALL SUBMIT STAGED DEMOLITION PLAN TO ARCHITECT/ ENGINEER FOR REVIEW. DEMOLITION PLAN TO INCLUDE WHERE THE DEMOLITION IS TO BEGIN, EQUIPMENT TO BE USED AND

WHERE, WEIGHT OF EQUIPMENT, PROTECTION FOR ADJACENT BUILDINGS/ STRUCTURES, TRANSPORT OF DEBRIS FROM UPPER LEVELS TO BASEMENT FOR ANY DEBRIS TO BE RETAINED ON SITE, PROPOSED SEGMENT SIZE OF DEMOLISHED DEBRIS. 4. FOR HEAVY EQUIPMENT TO BE PLACED ON EXISTING SUPPORTED FLOORS OR ATTACHED TO THE BUILDING, A SIGNED/ SEALED LETTER WILL BE REQUIRED BY A THIRD PARTY ENGINEER, LICENSED IN THE STATE OF TEXAS, WHICH STATES THAT THE PROPOSED EQUIPMENT AND

ITS LOAD MAY BE SAFELY SUPPORTED BY THE EXISTING FLOOR/ BUILDING STRUCTURE. 5. ADJACENT BUILDINGS, STRUCTURES, LANDSCAPING, STREETS, UTILITIES, ETC. SHALL BE PROTECTED BY THE CONTRACTOR TO PREVENT DAMAGE DURING THE DEMOLITION PROCESS. ADDITIONAL PROTECTION, PROCESSES, OR ACTIONS WILL ALSO BE INCORPORATED TO PREVENT DUST/ FALLOUT FROM DEBRIS FROM IMPACTED THE SAME.

DEMOLITION LEGEND:

2603 Augusta Drive, Suite 1500 Houston, TX 77057 713.244.8300 www.johnstonllc.com



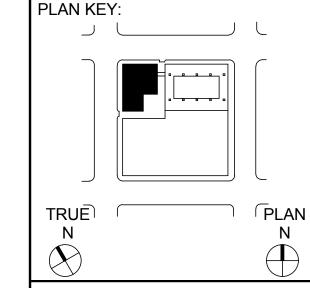
STRUCTURAL structural engineers

CIVIL - MEP



PROJECT TITLE: DISTRICT ATTORNEY BUILDING

DEMOLITION & IMPROVEMENT



PROFESSIONAL SEAL: Henderson Rogers Structural Engineers, LLC TBPE Firm Registration No. 8755

PROJECT SUBMISSION: ISSUE FOR CONSTRUCTION

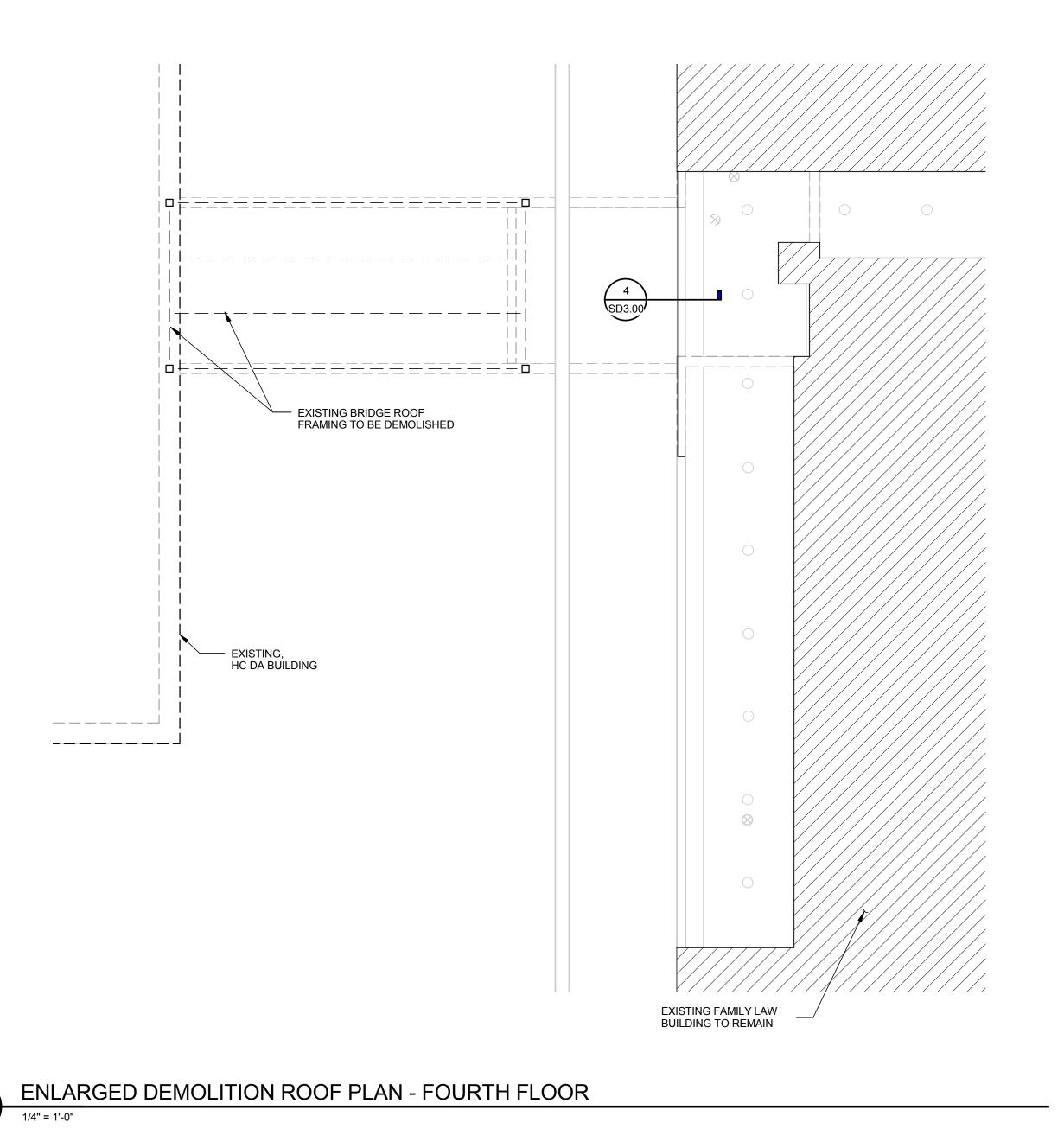
DATE: 2017 11 17

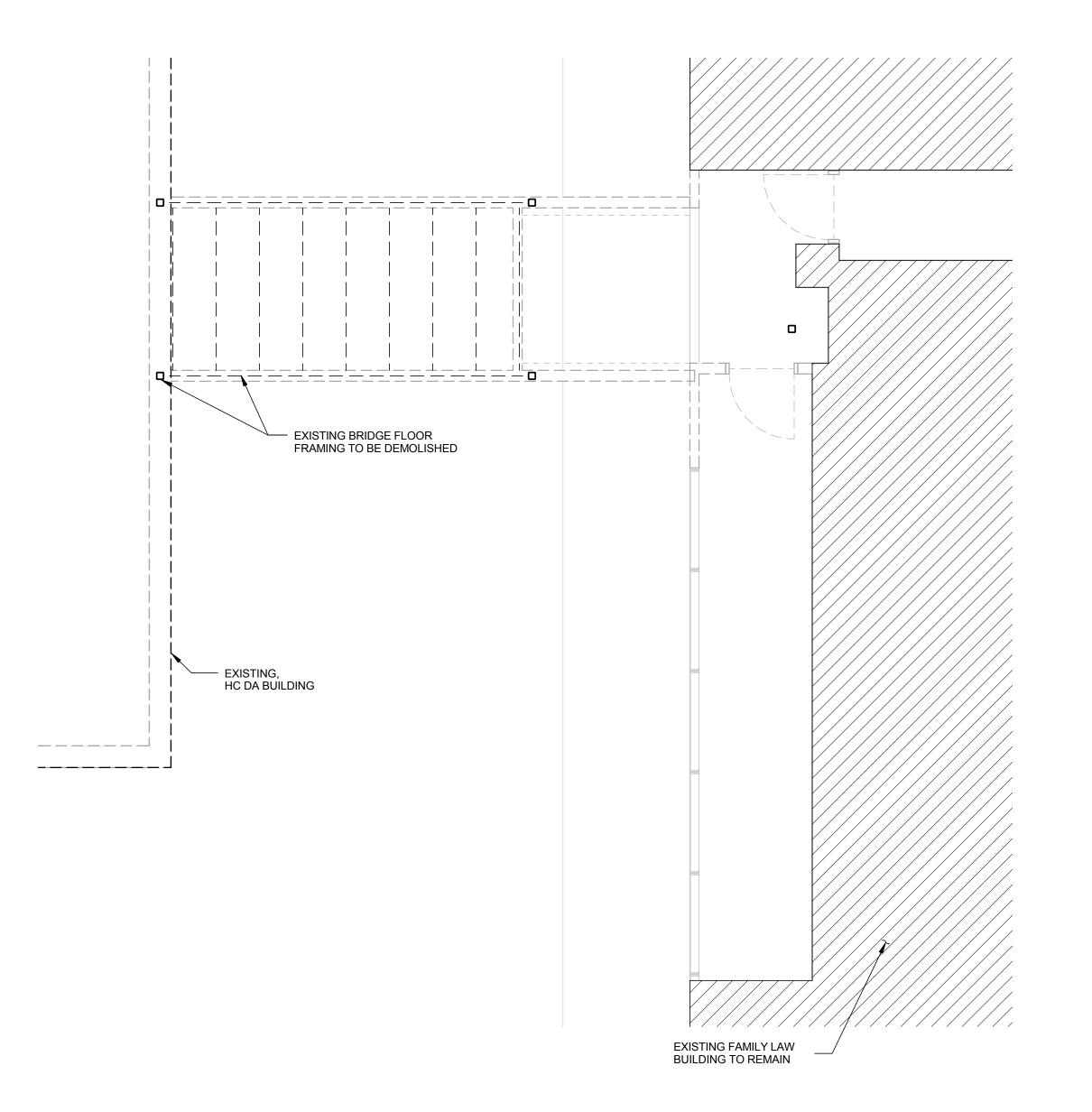
NO. REVISION/ISSUE YYYY MM DD

DRAWN BY CM

SHEET TITLE:

DEMOLITION FLOOR PLANS - LEVEL 3 TO PENTHOUSE





ENLARGED DEMOLITION FLOOR PLAN - FOURTH FLOOR

DEMOLITION LEGEND: EXISTING AREA TO REMAIN

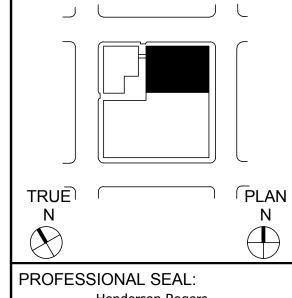


STRUCTURAL structural engineers

CIVIL - MEP



PROJECT TITLE: DISTRICT BUILDING DEMOLITION &
SITE
IMPROVEMENT



PROFESSIONAL SEAL:

Henderson Rogers

Structural Engineers, LLC

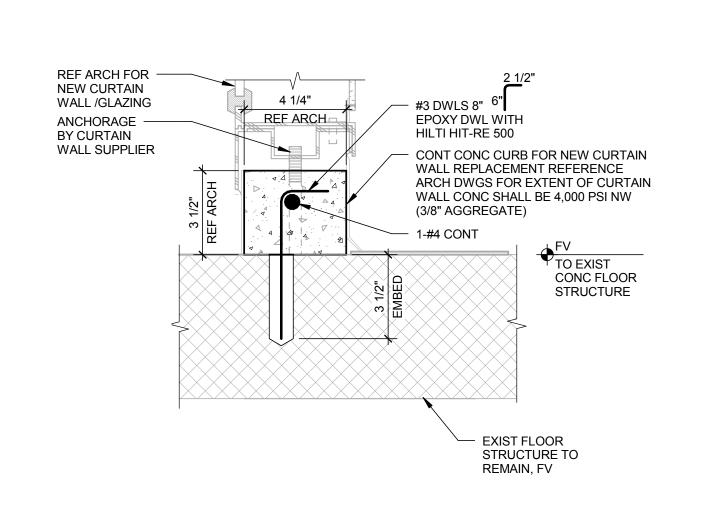
TBPE Firm Registration No. 8755

PROJECT SUBMISSION: ISSUE FOR CONSTRUCTION

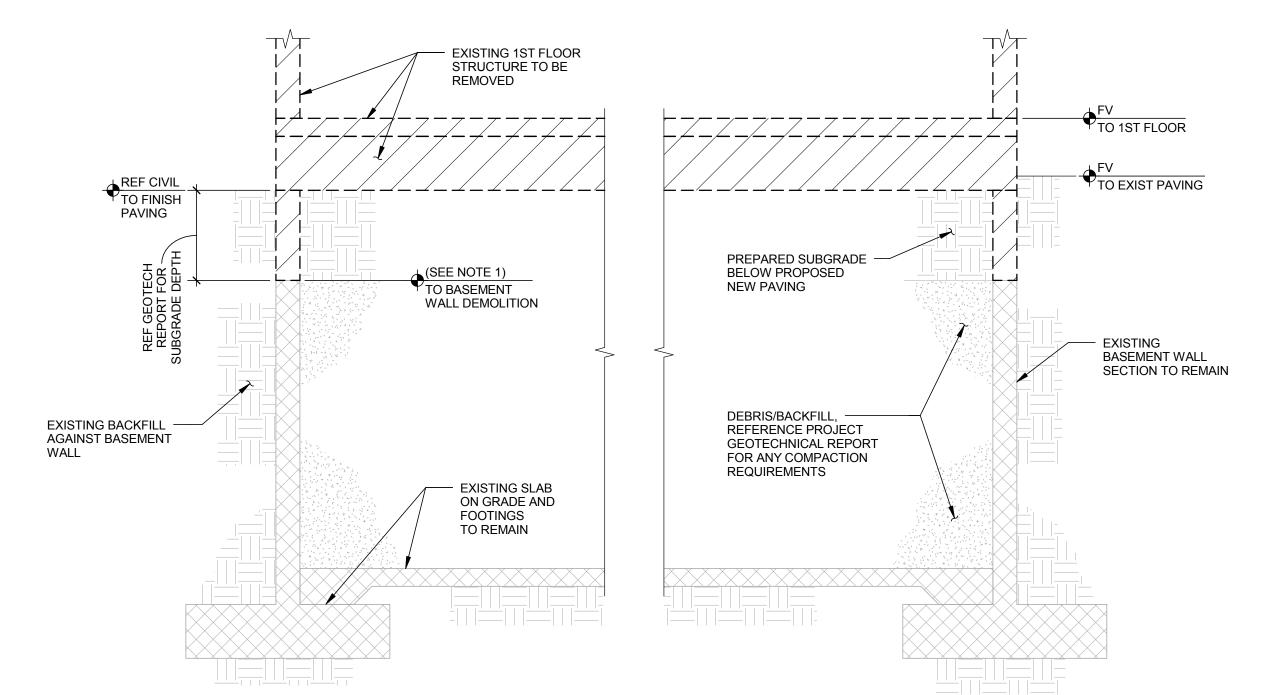
DATE: 2017 11 17 NO. REVISION/ISSUE YYYY MM DD

DRAWN BY CM SHEET TITLE: DEMOLITION FAMILY LAW CENTER PARTIAL - FOURTH FLOOR

SHEET: SD2.01



SECTION AT FLOOR

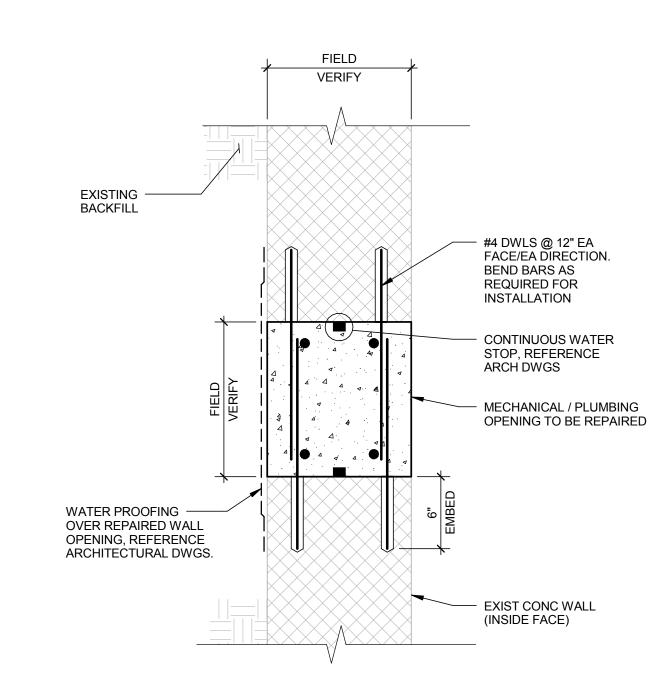


NOTES:

1. REMOVE TOP OF EXISTING CONCRETE BASEMENT WALL TO AT LEAST PROPOSED BOTTOM OF PREPARED SUBGRADE ELEVATION FOR PAVING .
REFERENCE CIVIL DWGS FOR PAVING AND PAVING ELEVATION AND REFERENCE PROJECT GEOTECHNICAL REPORT FOR SUBGRADE DEPTH,
MATERIAL, AND COMPACTION REQUIREMENTS.

2. BASEMENT WALL SHALL BE BACKFILLED OR BRACED PRIOR TO REMOVAL OF THE FIRST FLOOR STRUCTURE. CONTRACTOR SHALL SUBMIT
CONCEPTS/SCHEMES FOR REVIEW. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

BASEMENT SECTION



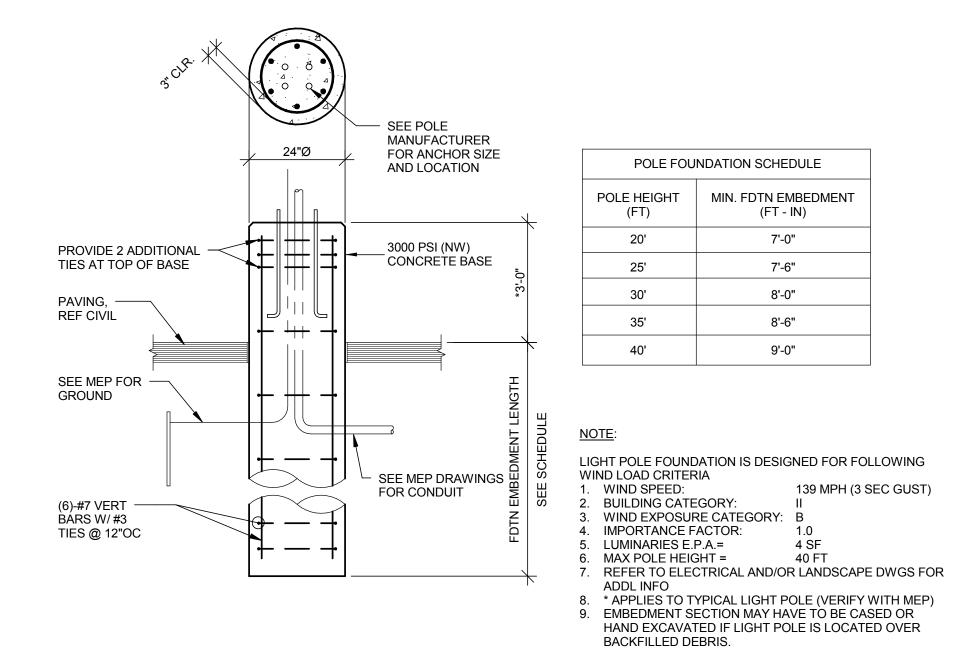
NOTES:

1. BACKFILL EXCAVATED AREAS PER THE PROJECT GEOTECHNICAL REPORT.

2. CONCRETE FOR OPENING INFILL SHALL BE 4,000PSI NW SELF
CONSOLIDATED CONCRETE CONTRACTOR MAY SUBMIT ALTERNATE
FOR REVIEW TO ARCH/EOR.

3. EPOXY FOR REINF DWLS SHALL BE HILTI HIT-RE 500.

SECTION AT WALL OF FAMILY LAW BLDG



7 LIGHT POLE FOUNDATION
NO SCALE





HENDERSON

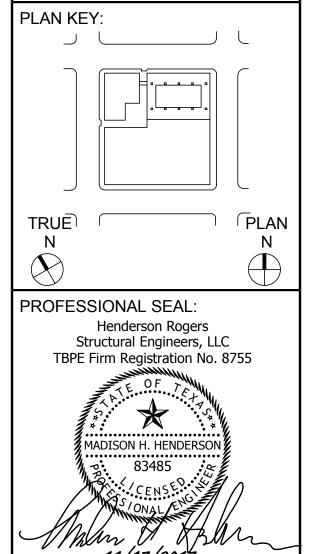
ROGERS

structural engineers

CIVIL - MEP



PROJECT TITLE:
DISTRICT
ATTORNEY
BUILDING
DEMOLITION &
SITE
IMPROVEMENT



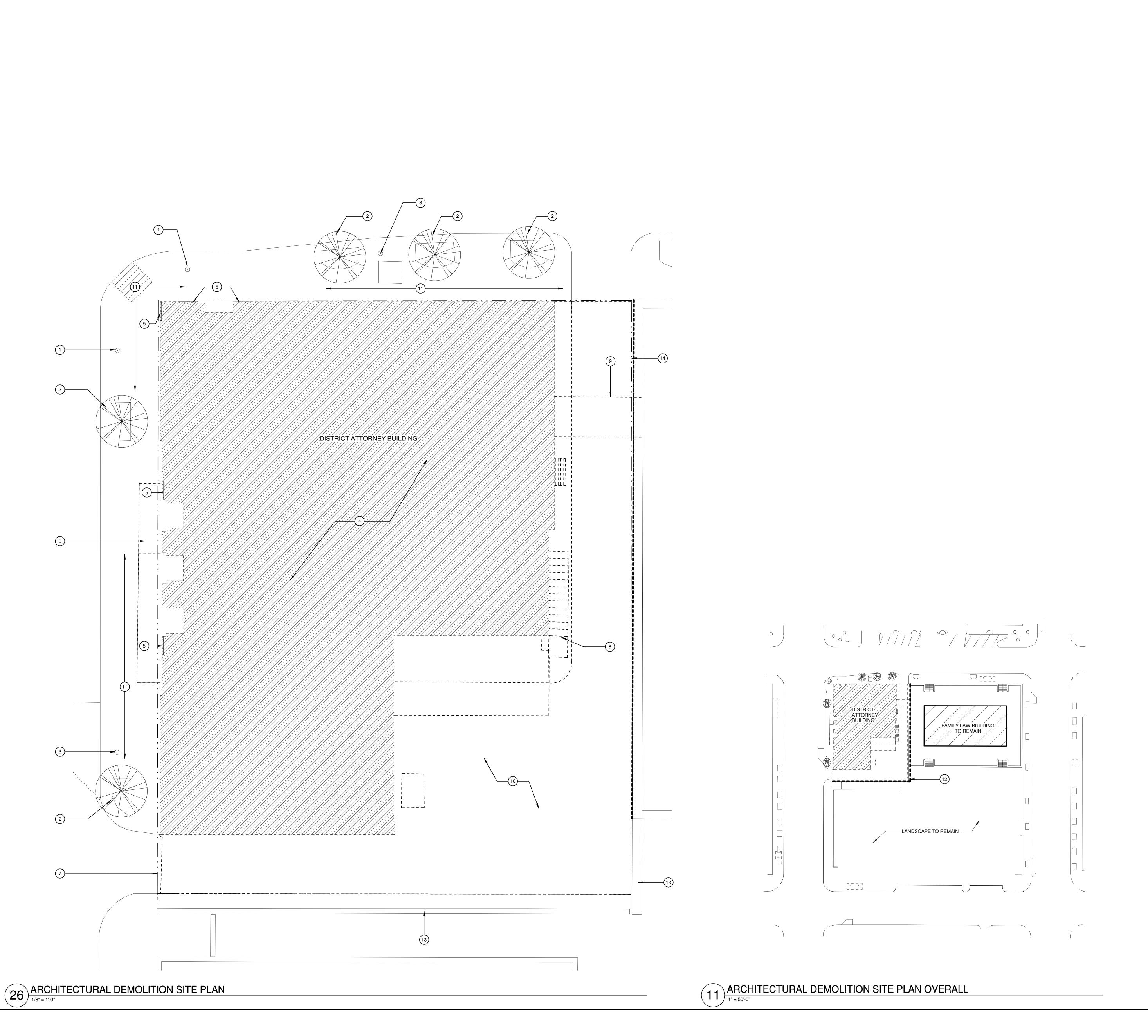
PROJECT SUBMISSION:
ISSUE FOR
CONSTRUCTION

DATE: 2017 11 17

NO. REVISION/ISSUE YYYY MM DD

PROJECT NO. 17-00017-00
DRAWN BY CM
SHEET TITLE:
CONCRETE /
DEMOLITION
DETAILS

Original drawing is 42 x 30 Do not scale contents of this drawing SHEET: SD3.00



GENERAL NOTES - DEMOLITION

- GENERAL CONTRACTOR SHALL REPAIR/REPLACE ANY CEILING AND FLOORING TO MATCH EXISTING THAT AFFECT FROM CONSTRUCTION OF THIS PROJECT. - EXTENT OF DEMOLITION AND REMOVAL TO BE ONLY AS NECESSARY FOR NEW CONSTRUCTION
- ALL DASHED LINES INDICATE EXISTING CONDITIONS TO BE DEMOLISHED/REMOVED.
- REFER TO MEP DRAWINGS FOR ALL MECHANICAL, ELECTRICAL, AND PLUMBING DEMOLITION WORKS AND EXISTING TO REMAIN CONDITIONS.
- EXISTING GYP. BD. AND DEBRIS ON COLUMNS TO BE REMOVED AS REQUIRED.
- ALL REQUIRED ABATEMENT TO BE COMPLETED PRIOR TO START OF PROJECT.
- NA G FLOORING- (SEE NOTES BELOW):
- GENERAL CONTRACTOR TO FIELD VERIFY VARIOUS EXISTING FLOOR LEVELS.
- FIELD VERIFY EXISTING MOISTURE CONTENT IN EXISTING SLAB FOR POTENTIAL CONFLICT WITH ADHERENCE OF NEW FLOOR FINSIHES, PER ASTM F710.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PATCHING AND REPAIRING OF FINISH FLOOR AND WALLS AFTER THE REMOVAL OF EXISTING EQUIPMENT.
- EXISTING CONSTRUCTION TO REMAIN SHOWN AS SOLID LINE SHADED AREAS NOTE GENERAL LIMITS OF DEMOLITION. DEMOLITION SHOWN IS ONLY FOR WORK NECESSARY FOR THE SCOPE OF THE PROJECT.
- FIELD VERIFY ALL EXISTING TO REMAIN ITEMS PRIOR TO STARTING DEMOLITION OR NEW CONSTRUCTION.
- COORDINATE WITH OWNER ALL WORK INVOLVED ABOVE CEILING IN THE CEILING SPACE OR THE FLOOR BELOW. REMOVE AND REINSTALL EXISTING CEILING SYSTEMS WHERE POSSIBLE. WHERE IT IS NOT POSSIBLE, REPLACE CEILING TO MATCH EXISTING U.N.O.
- M PATCH WALL AND FLOOR OPENINGS INCLUDING SHAFTS AND FLOOR DEPRESSIONS LEFT BY THE REMOVAL OF DUCTS, PIPES, EQUIPMENT AND OTHER PENETRATIONS AS TO EQUAL STRUCTURAL AND FIRE RATING OF EXISTING ADJACENT CONSTRUCTION.
- BEFORE STARTING THE DEMOLITION WORK, CONFIRM ALL DIMENSIONS AND OTHER EXISTING CONDITIONS IN THE FIELD. REPORT ANY DISCREPANCIES TO THE ENGINEER AND ARCHITECT.
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- COORDINATE W/ OWNER ITEMS SUCH AS GRAPHICS/SIGNS ETC. TO BE REMOVED. RETURN TO OWNER OR STORE AT OWNER'S DISCRETION.
- Q REMOVAL OF EXISTING PLUMBING FIXTURES TO INCLUDE CAPPING OF PIPING, WASTE LINES, ETC. SEE PLUMBING **DEMOLITION FOR ADDITIONAL INFORMATION & REQUIREMENTS**
- SOLID LINES INDICATE EXISTING PARTITIONS TO REMAIN IN PLACE, PROTECT AS REQUIRED DURING CONSTRUCTION, TYP.
- DEMO WORK AFTER HOURS WORK MUST BE COORDINATED W/ HARRIS COUNTY PM PRIOR TO DEMO SCOPE.

KEYNOTES LEGEND

PROTECT EXISTING STREET LIGHT AND TRAFFIC LIGHTS AS

PROTECT EXISTING STREET LIGHT AS REQUIRED DURING

REMOVE EXISTING 10 STORY BUILDING (REF: APPENDIX OF

REMOVE EXISTING PLATFORM, STAIRCASE AND FENCING.

PROTECTION OF ADJACENT BUILDING IS REQUIRED DURING

EXISTING RETAINING WALL TO REMAIN, PROVIDE PROTECTION

DEMOLITION LEGEND

EXISTING CONSTRUCTION PARTITION, DOOR, GLAZING AND

EXISTING PARTITION, DOOR, GLAZING AND FRAMES TO BE REMOVED

AREA TO BE DEMOLISHED

AREA NOT IN CONTRACT \ EXISTING CONSTRUCTION TO REMAIN

PROTECT THE WEST FACADE OF THE BUILDING DURING

PROTECT EXISTING TREES AS REQUIRED DURING DEMOLITION.

SALVAGE GRANITE WITH ENGRAVINGS AND DELIVER SAFELY AS

REMOVE SKY BRIDGE CONNECTOR BETWEEN D.A. BUILDING AND FAMILY LAW BUILDING AT LEVEL 4(RE: APPENDIX OF EXISTING

REQUIRED DURING DEMOLITION.

DESCRIBED IN SPECIFICATION.

ASSOCIATED APPURTENANCES.

DRAWINGS FOR DETAILS).

REMOVE EXISTING PAVING.

DURING DEMOLITION

DEMOLITION

DEMOLITION

EXISTING DRAWINGS FOR FLOOR PLANS).

REMOVE EXISTING RAMP AND HANDRAIL.

DEMOLITION

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RUCTURAL

HENDERSON **ROGERS** structural engineers

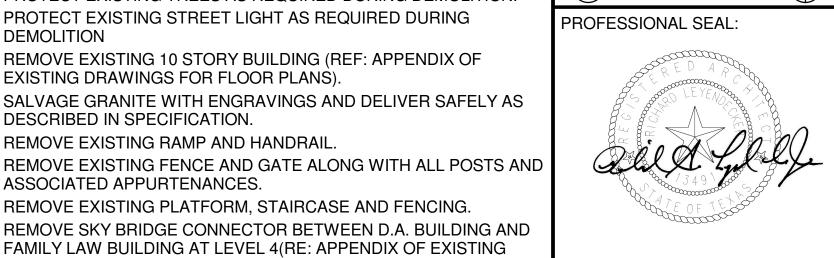
CIVIL / MEP



PROJECT TITLE: BUILDING

IMPROVEMENT

PLAN KEY:



2017 11 17

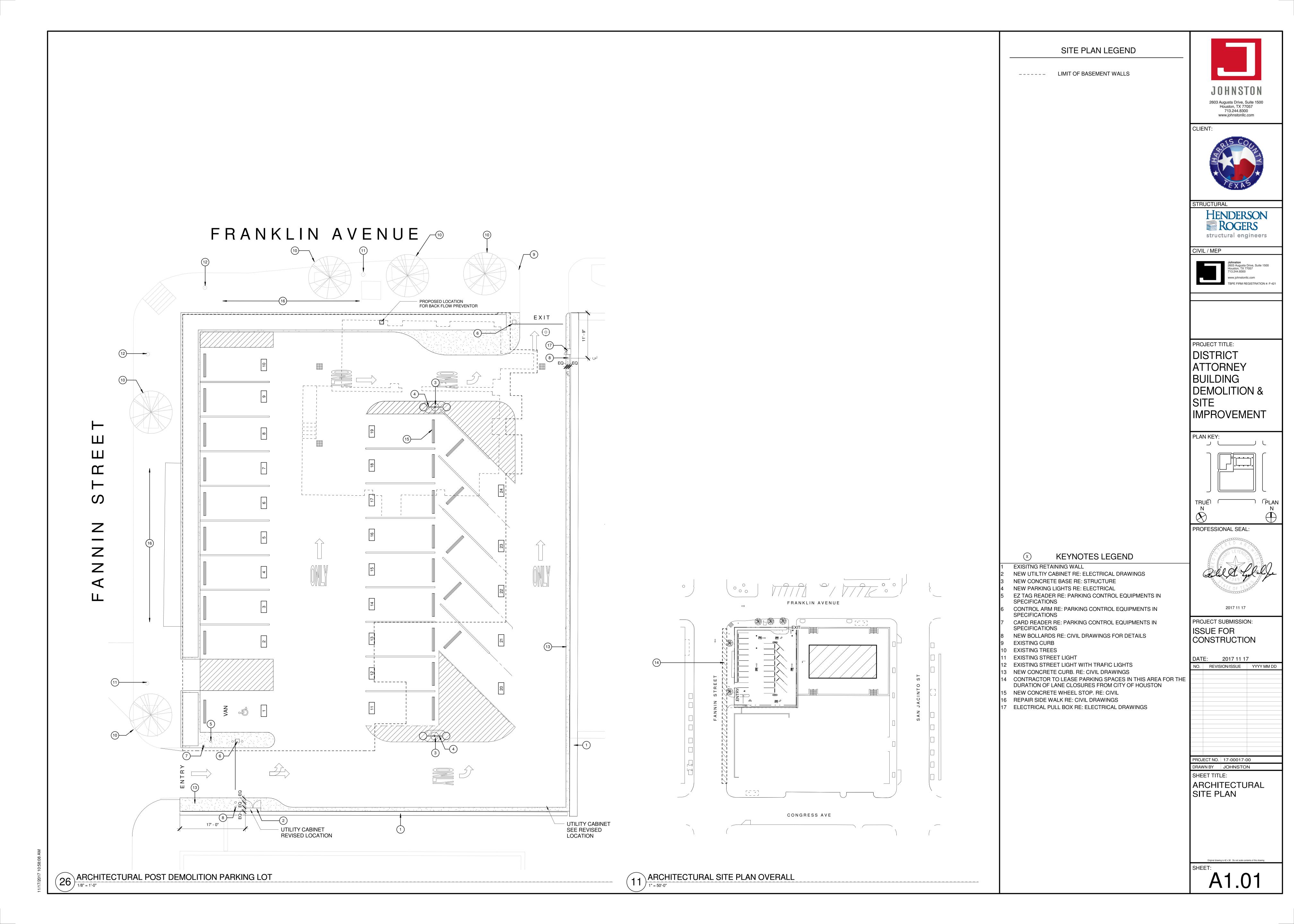
PROTECT EXISITNG SIDEWALK AS REQUIRED DURING DEMOLITION. PROJECT SUBMISSION: ISSUE FOR CONSTRUCTION

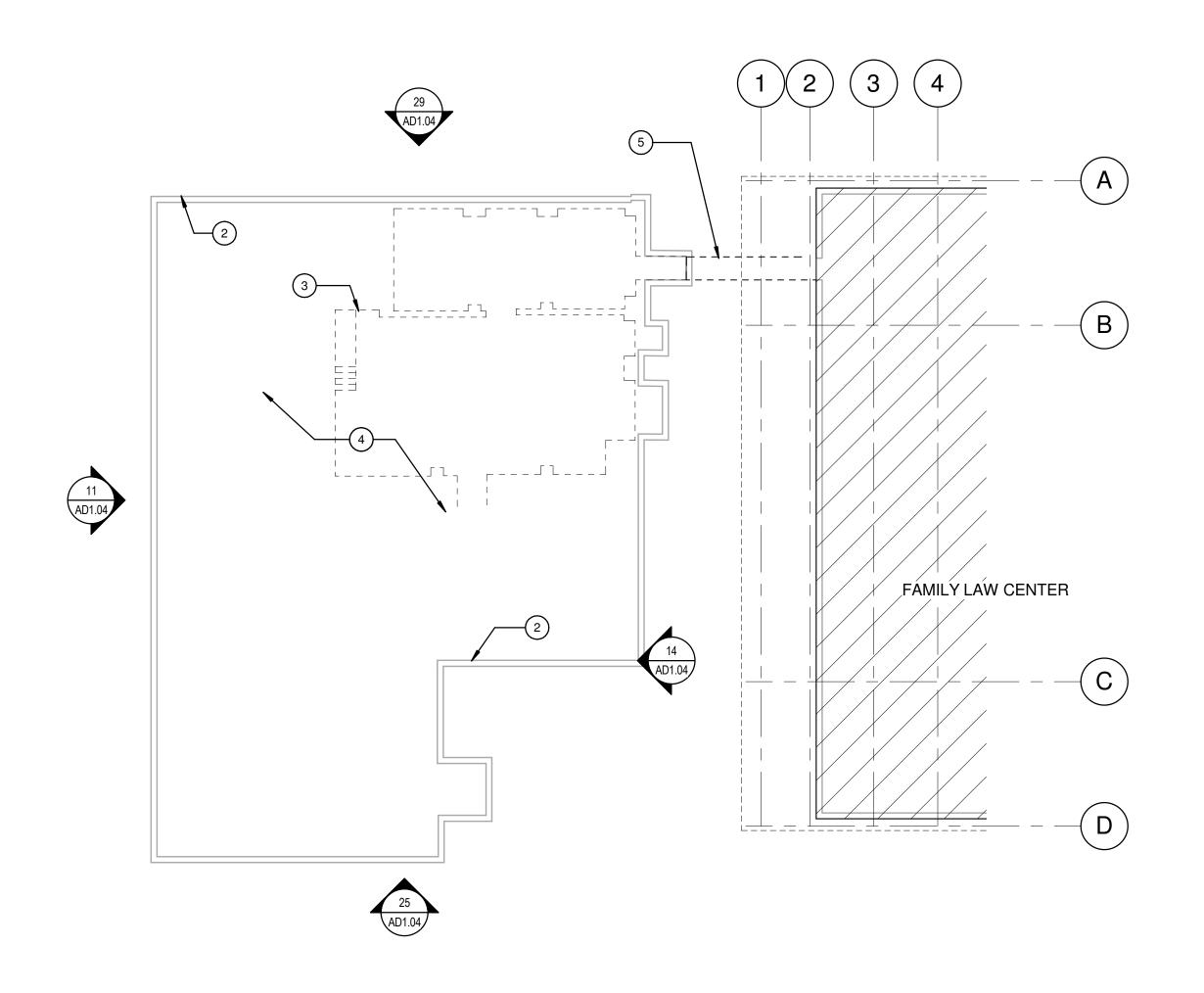
DATE: 2017 11 17

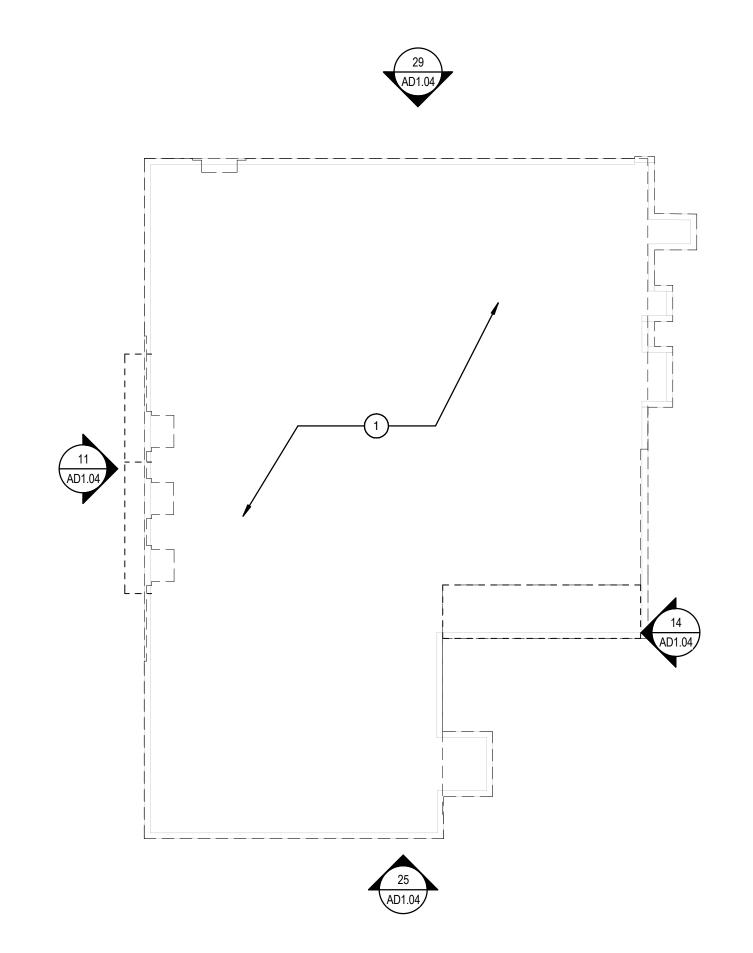
NO. REVISION/ISSUE YYYY MM DD

PROJECT NO. 17-00017-00 DRAWN BY Author

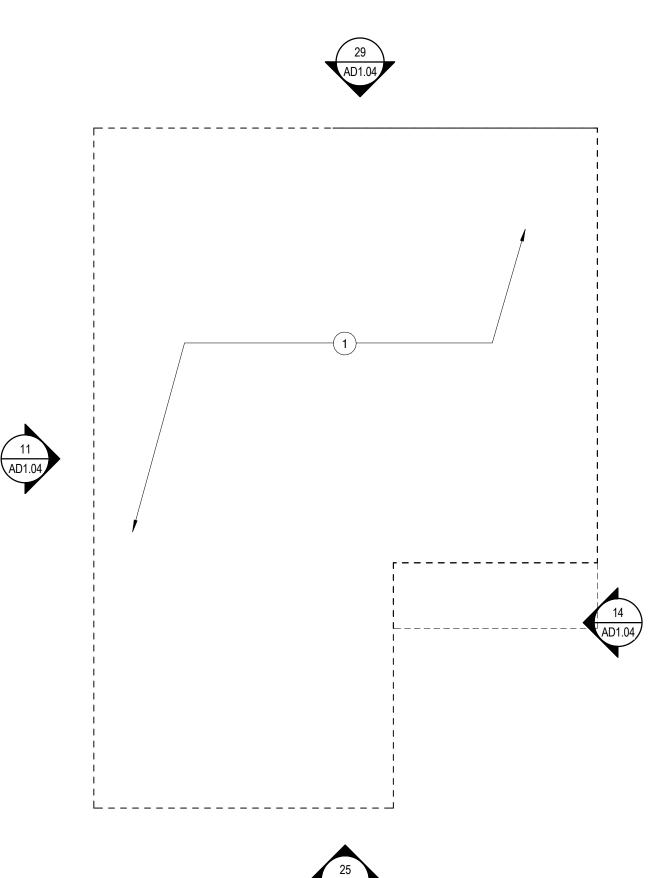
SHEET TITLE: DEMOLITION SITE







18) DEMOLITION - FIRST FLOOR





GENERAL NOTES - DEMOLITION

- GENERAL CONTRACTOR SHALL REPAIR/REPLACE ANY CEILING AND FLOORING TO MATCH EXISTING THAT AFFECT FROM CONSTRUCTION OF THIS PROJECT. - EXTENT OF DEMOLITION AND REMOVAL TO BE ONLY AS NECESSARY FOR NEW CONSTRUCTION
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- PLACE, PROTECT AS REQUIRED DURING CONSTRUCTION, TYP. DEMO WORK AFTER HOURS - WORK MUST BE COORDINATED W/ HARRIS COUNTY PM PRIOR TO DEMO SCOPE.



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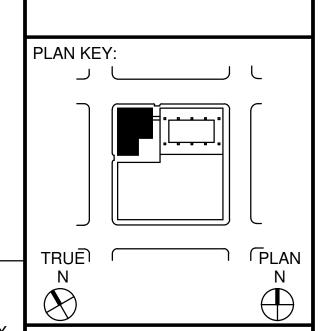


RUCTURAL

HENDERSON **ROGERS** structural engineers



PROJECT TITLE: BUILDING



KEYNOTES LEGEND

- REMOVE ENTIRE FLOOR AND ALL COMPONANTS. REFER TO APPENDIX OF EXISTING DRAWINGS FOR DISTRICT ATTORNEY BUILDING FLOOR PLAN AND MORE INFORMATION
- EXISTING BASEMENT WALL TO PARTIALLY REMAIN (RE: APPENDIX FOR DETAIL DRAWINGS) (RE: STRUCTURAL DRAWINGS FOR LIMIT OF DEMOLITION)
- REMOVE BASEMENT WALL AS INDICATED IN CIVIL AND STRUCTURAL DRAWINGS
- REFER TO STRUCTURAL DRAWINGS FOR BASEMENT INFILL REMOVE UTILITY SLEEVE AND REFER TO MEP DRAWINGS FOR EXTENT OF UTILITY DEMOLITON





PROFESSIONAL SEAL:

DEMOLITION LEGEND

EXISTING CONSTRUCTION PARTITION, DOOR, GLAZING AND FRAMES TO REMAIN EXISTING PARTITION, DOOR, GLAZING AND FRAMES TO BE

AREA NOT IN CONTRACT \ EXISTING CONSTRUCTION TO REMAIN

L — — — — J

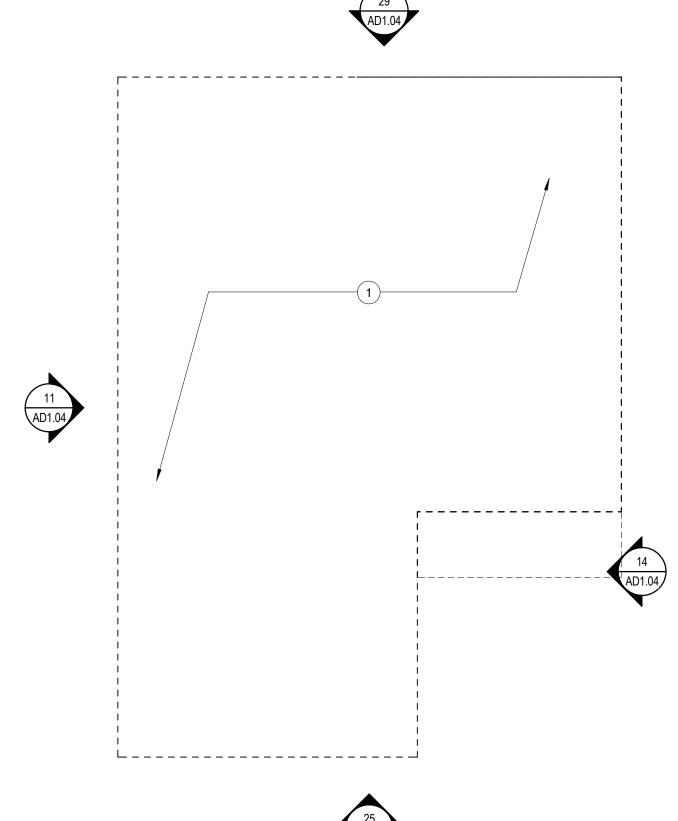
AREA TO BE DEMOLISHED

PROJECT SUBMISSION: CONSTRUCTION

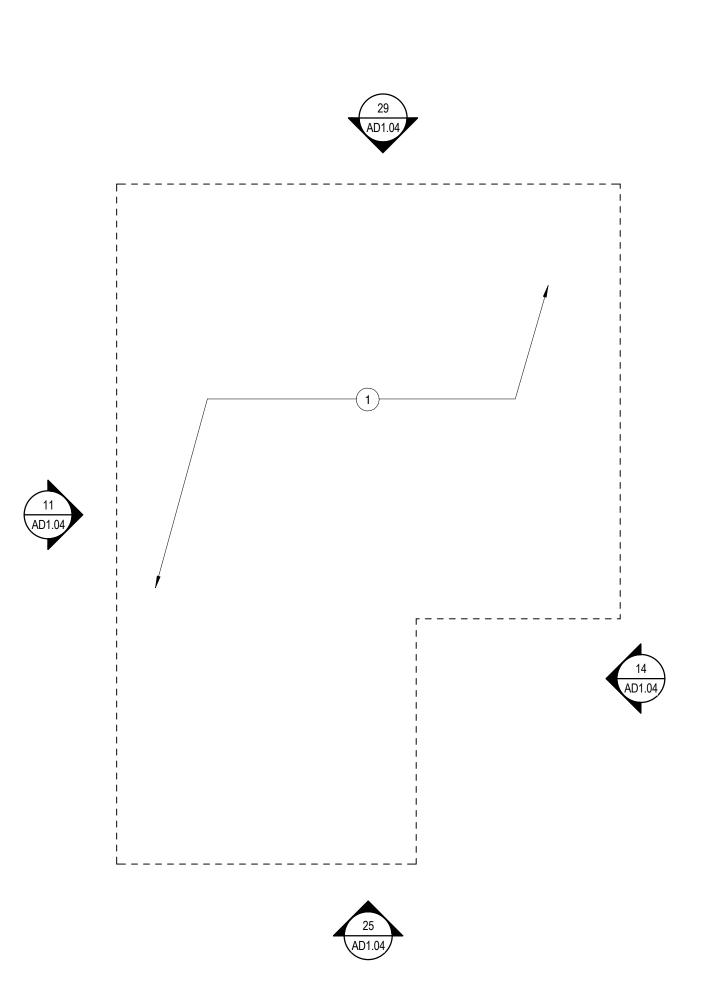
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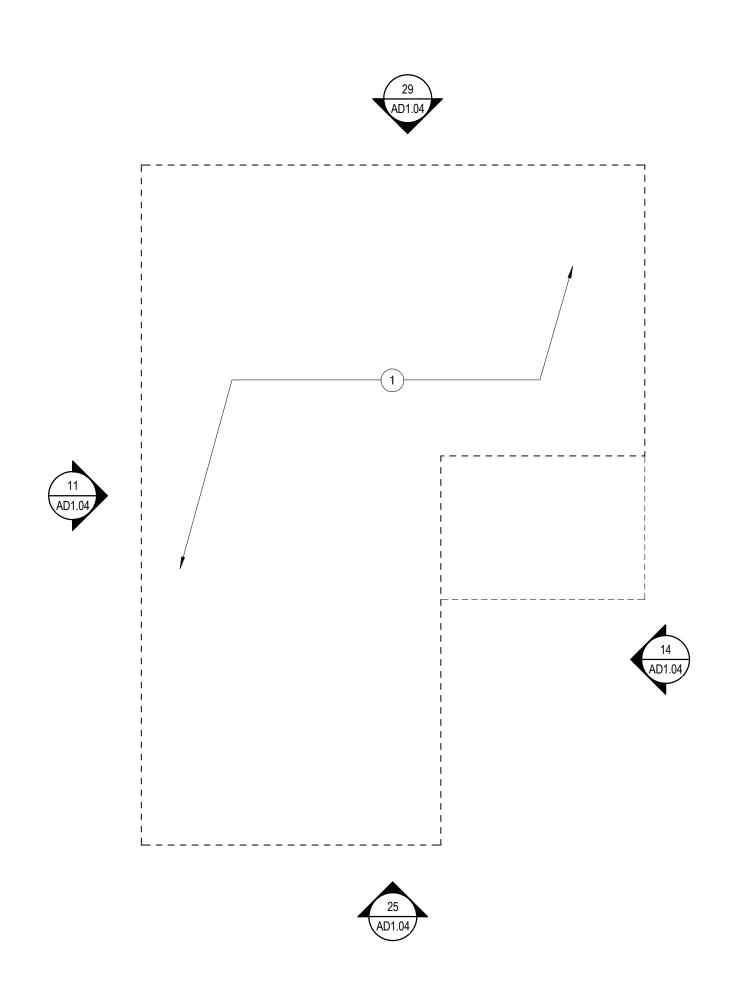
PROJECT NO. 17-00017-00 DRAWN BY JOHNSTON

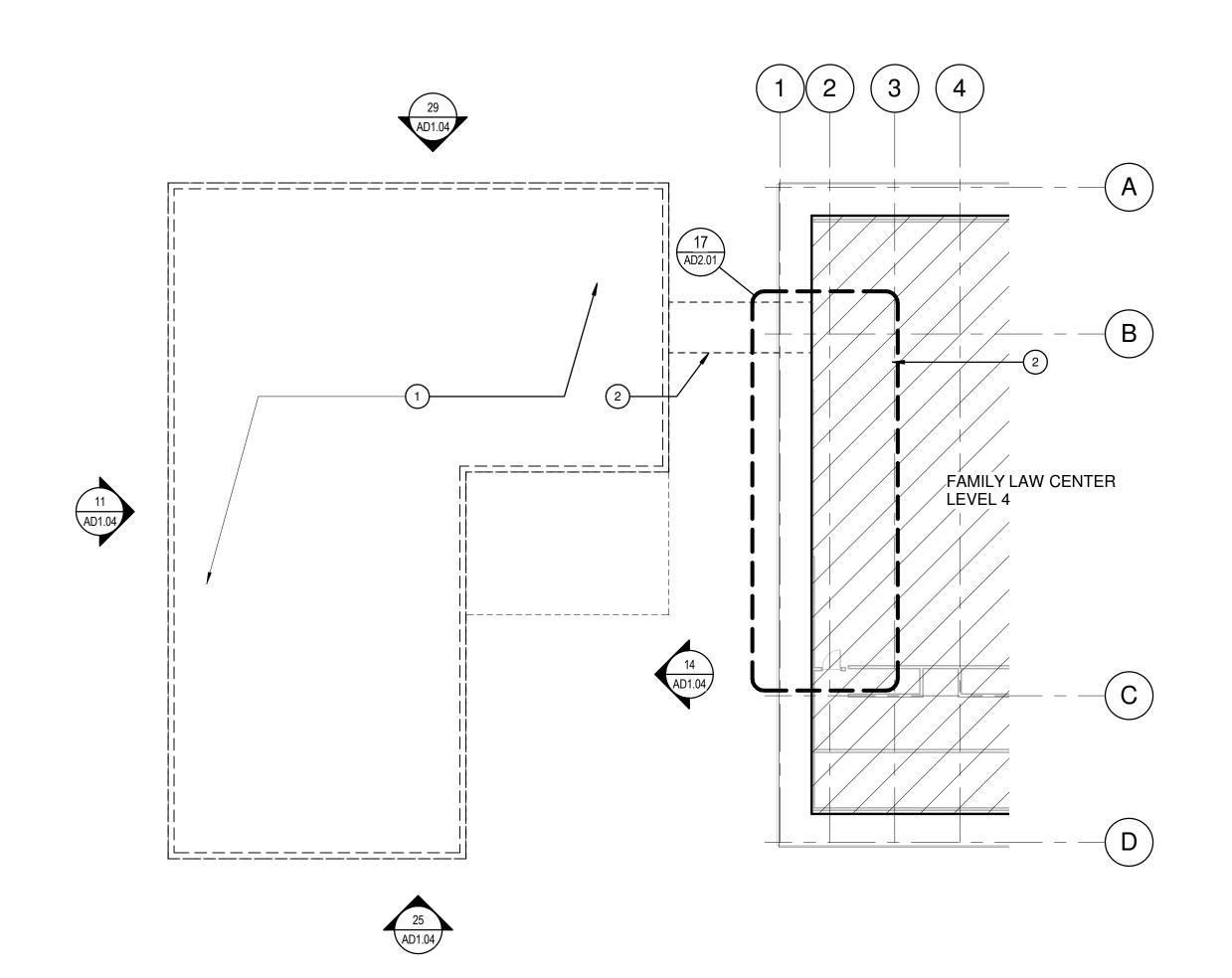
SHEET TITLE: DEMOLITION FLOOR PLANS - BASEMENT TO LEVEL 2



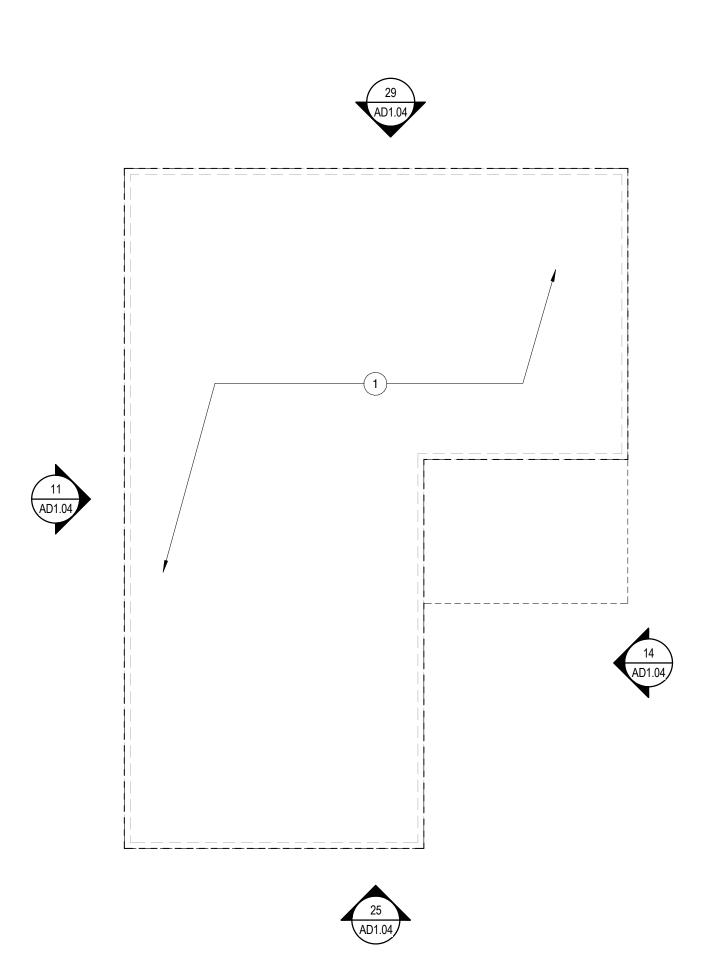
28 DEMOLITION - BASEMENT FLOOR

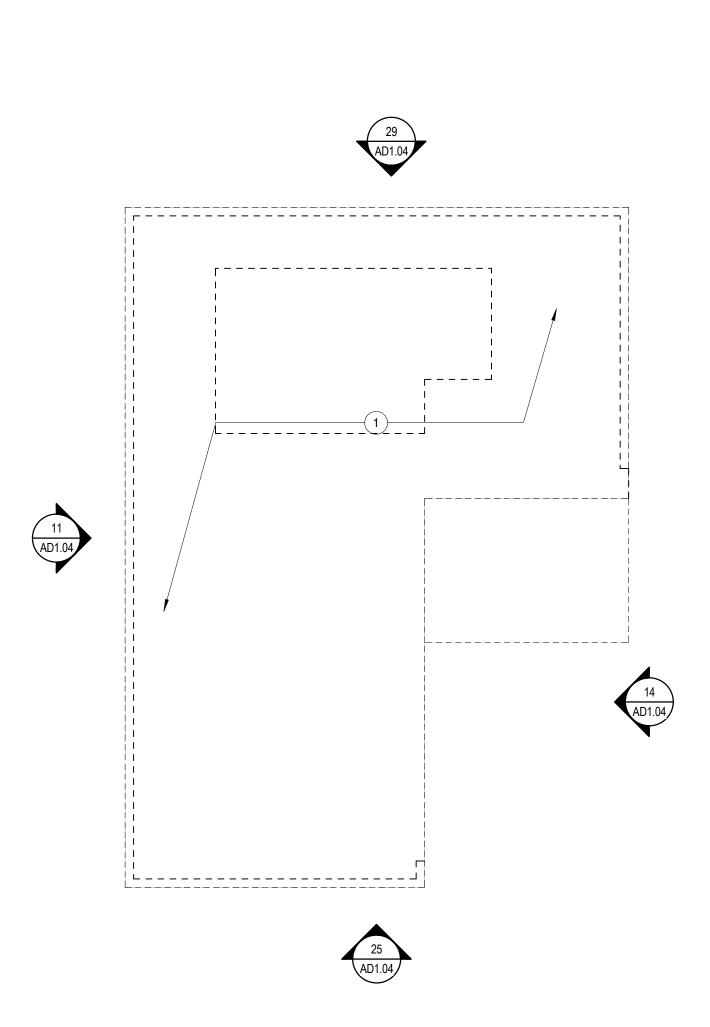






18) DEMOLITION - FOURTH FLOOR





DEMOLITION - FIFTH THRU TENTH FLOOR

1/16" = 1'-0"

16 DEMOLITION - PENTHOUSE & ROOF

GENERAL NOTES - DEMOLITION

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HARRIS COUNTY PM PRIOR TO DEMO SCOPE.

- **KEYNOTES LEGEND** REMOVE ENTIRE FLOOR AND ALL COMPONANTS. REFER TO APPENDIX OF EXISTING DRAWINGS FOR DISTRICT ATTORNEY BUILDING FLOOR PLAN AND MORE INFORMATION
- REMOVE SKY BRIDGE CONNECTOR BETWEEN D.A. BUILDING AND FAMILY LAW BUILDING AT LEVEL 4(RE: APPENDIX OF EXISTING DRAWINGS FOR DETAILS).

DEMOLITION LEGEND

EXISTING PARTITION, DOOR, GLAZING AND FRAMES TO BE REMOVED

EXISTING CONSTRUCTION PARTITION, DOOR, GLAZING AND

L - - - - - J

AREA NOT IN CONTRACT \ EXISTING CONSTRUCTION TO REMAIN

AREA TO BE DEMOLISHED



CLIENT:



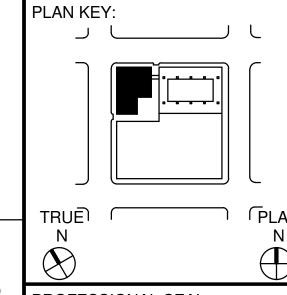
RUCTURAL

structural engineers

CIVIL / MEP



PROJECT TITLE:



PROFESSIONAL SEAL



2017 11 17

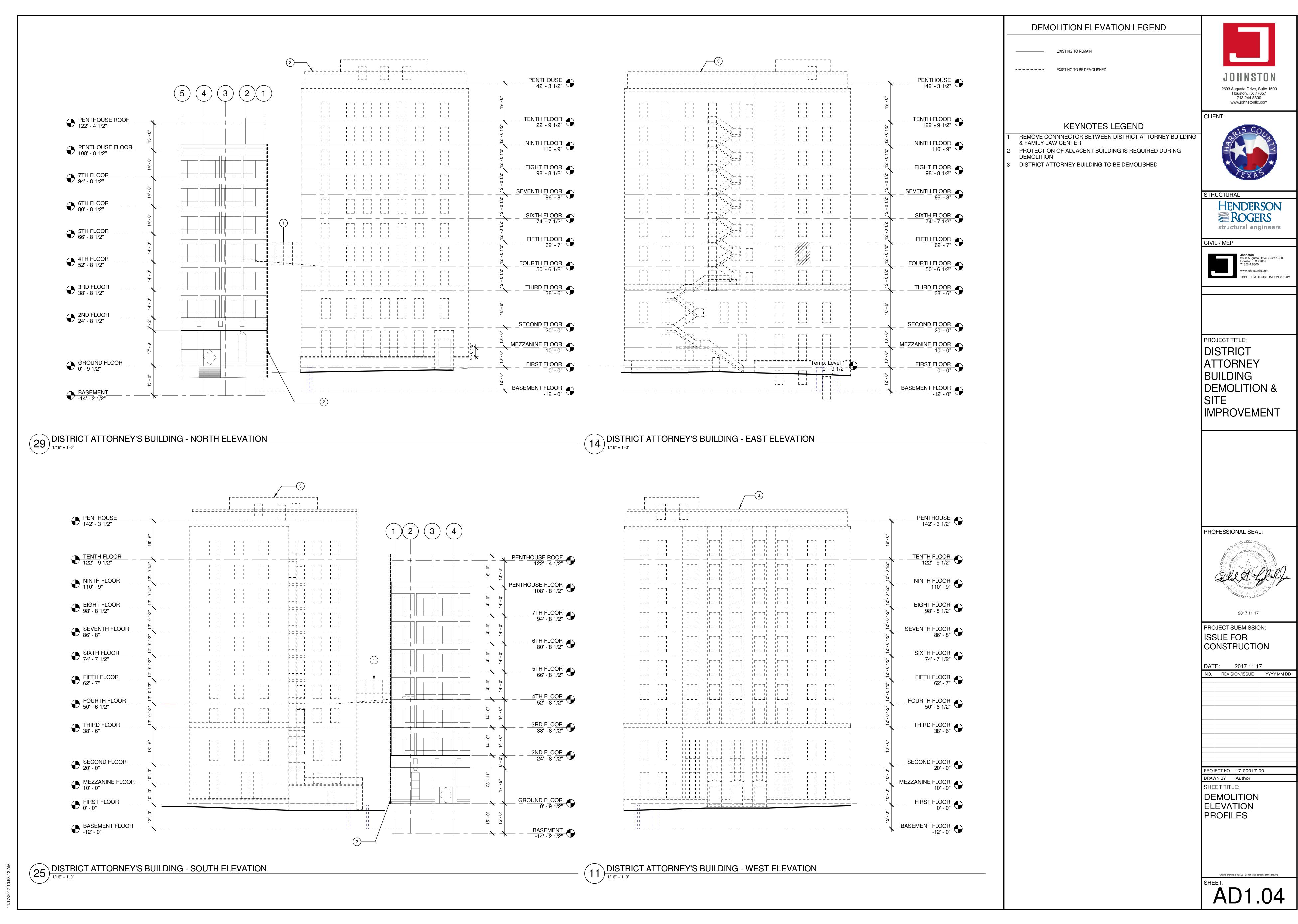
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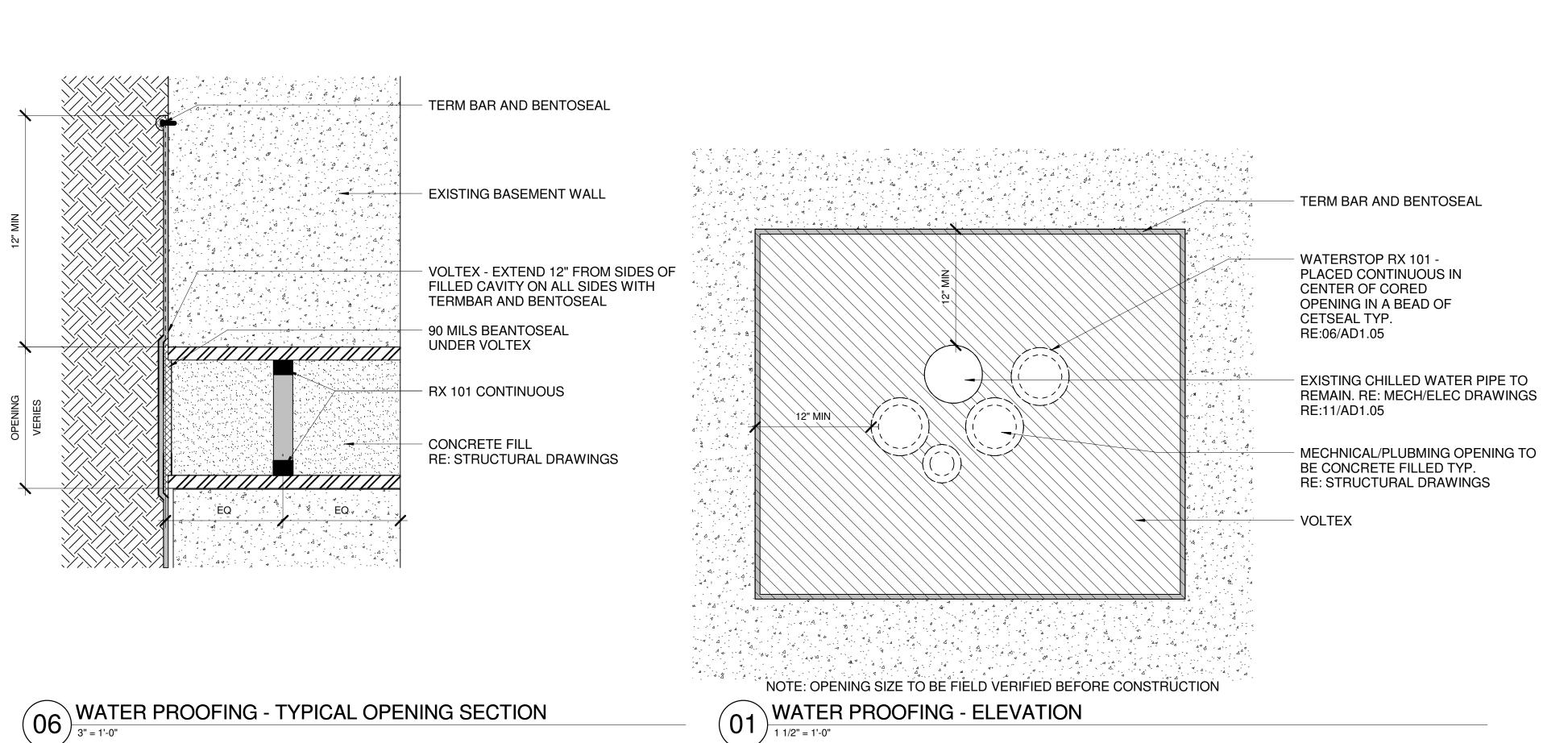
DATE: 2017 11 17

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SHEET TITLE: DEMOLITION FLOOR PLANS - LEVEL 3 TO PENTHOUSE

DRAWN BY Author





2603 Augusta Drive, Suite 1500 Houston, TX 77057 713.244.8300 www.johnstonllc.com STRUCTURAL HENDERSON ROGERS structural engineers CIVIL / MEP PROJECT TITLE: DISTRICT DEMOLITION & **IMPROVEMENT** PLAN KEY: Ħ╍┌╍╌╍┑╍╿┃ TRUE T (PLAN PROFESSIONAL SEAL 2017 11 17 PROJECT SUBMISSION: ISSUE FOR CONSTRUCTION DATE: 2017 11 17 NO. REVISION/ISSUE YYYY MM DD PROJECT NO. 17-00017-00 DRAWN BY Author SHEET TITLE: DEMOLITION DETAILS

PIPE IN PLACE SECTION

3" = 1'-0"

TERM BAR AND BENTOSEAL

EXISTING BASEMENT WALL

─ VOLTEX - EXTEND 12" FROM SIDES OF

FILLED CAVITY ON ALL SIDES WITH

TERMBAR AND BENTOSEAL

— EXISTING PIPE TO REMAIN

— BENTOSEAL MIN 3/4" FILLET

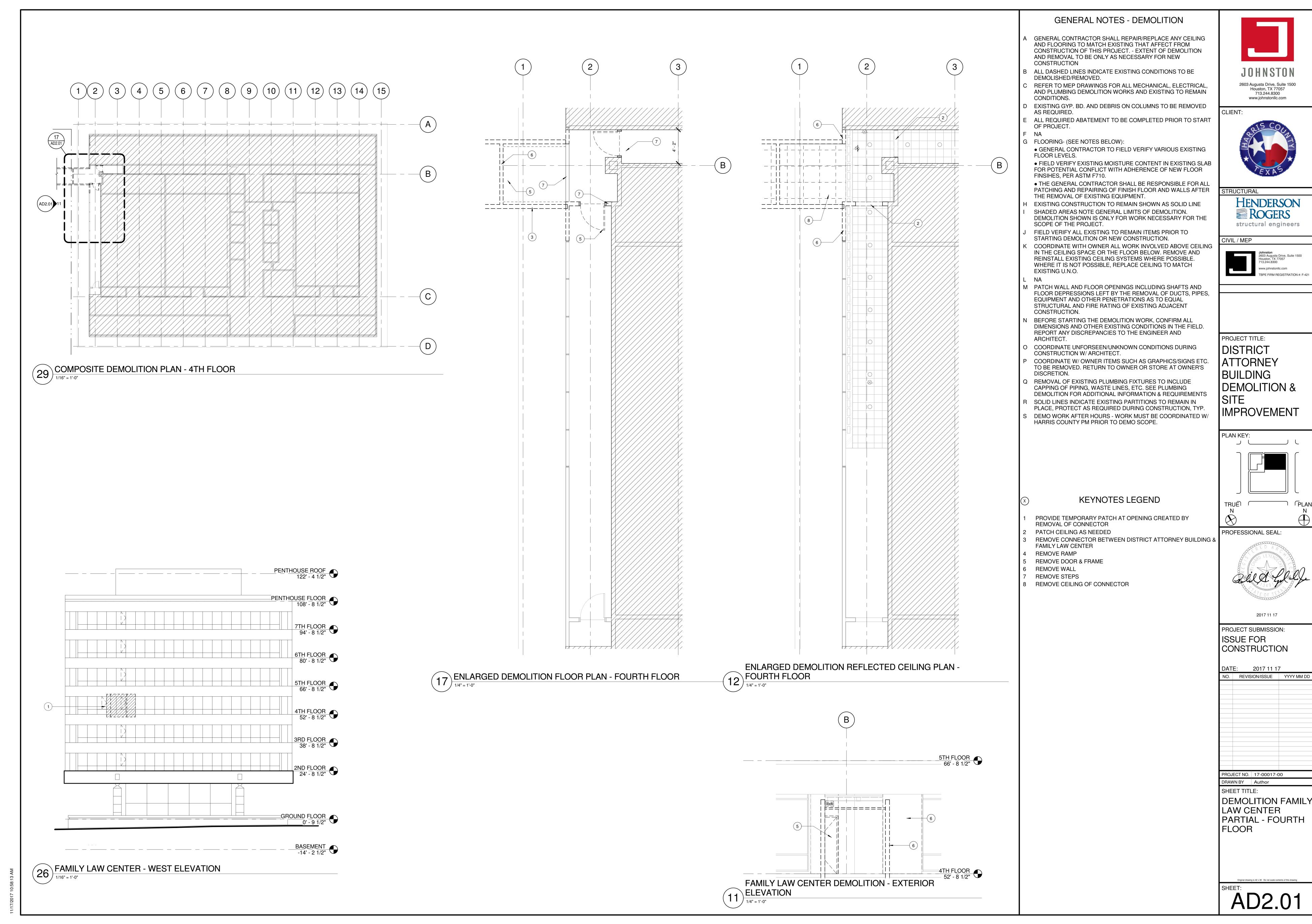
90 MILS BEANTOSEAL

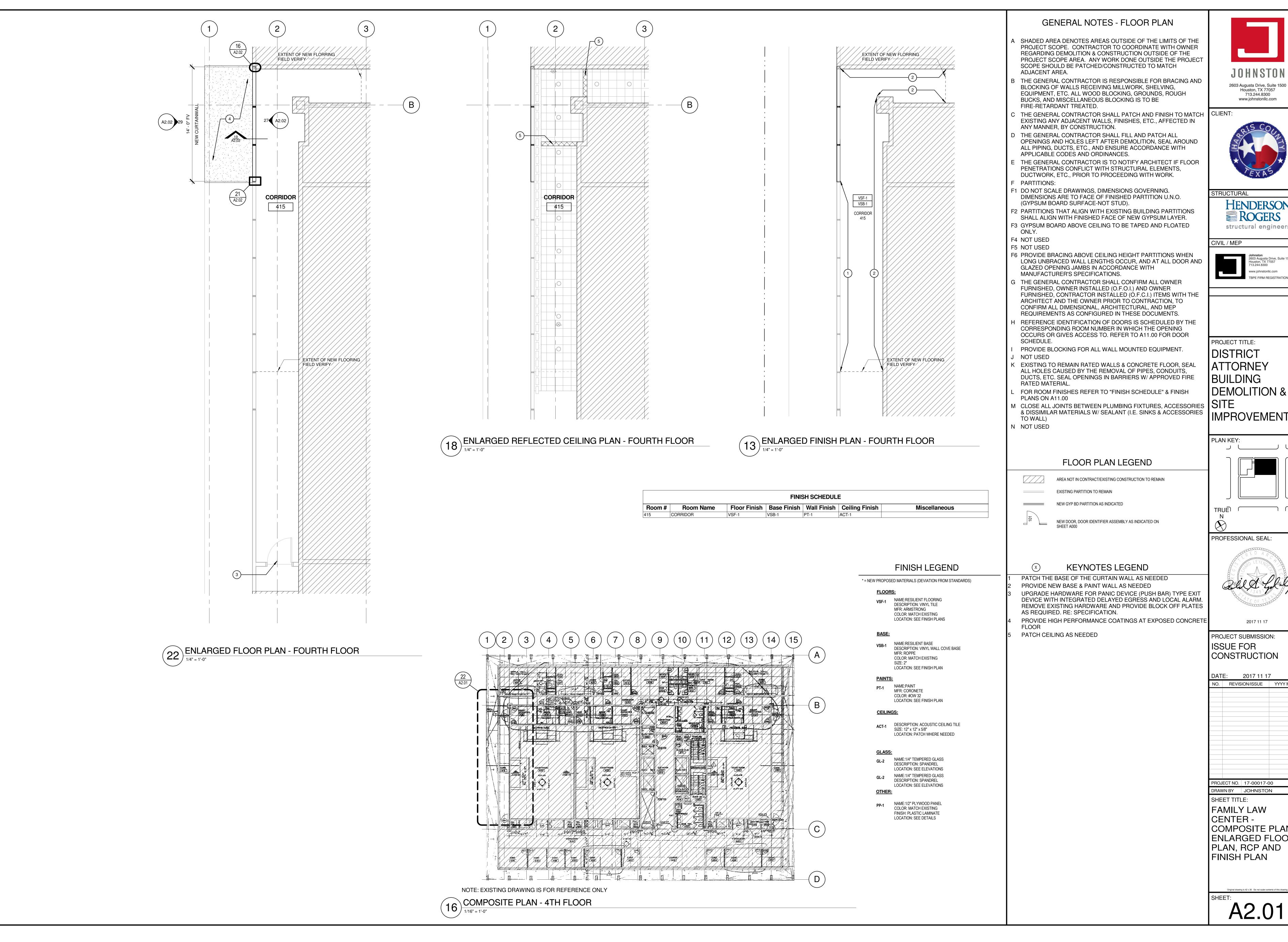
UNDER VOLTEX

VOLTEX

4 4 4 4 4 4 4 4 4

AD1.05





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TRUCTURAL

HENDERSON **ROGERS** structural engineers

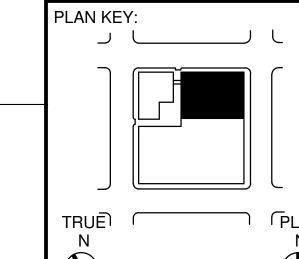
CIVIL / MEP



PROJECT TITLE:

DISTRICT BUILDING

PLAN KEY:



PROFESSIONAL SEAL



2017 11 17

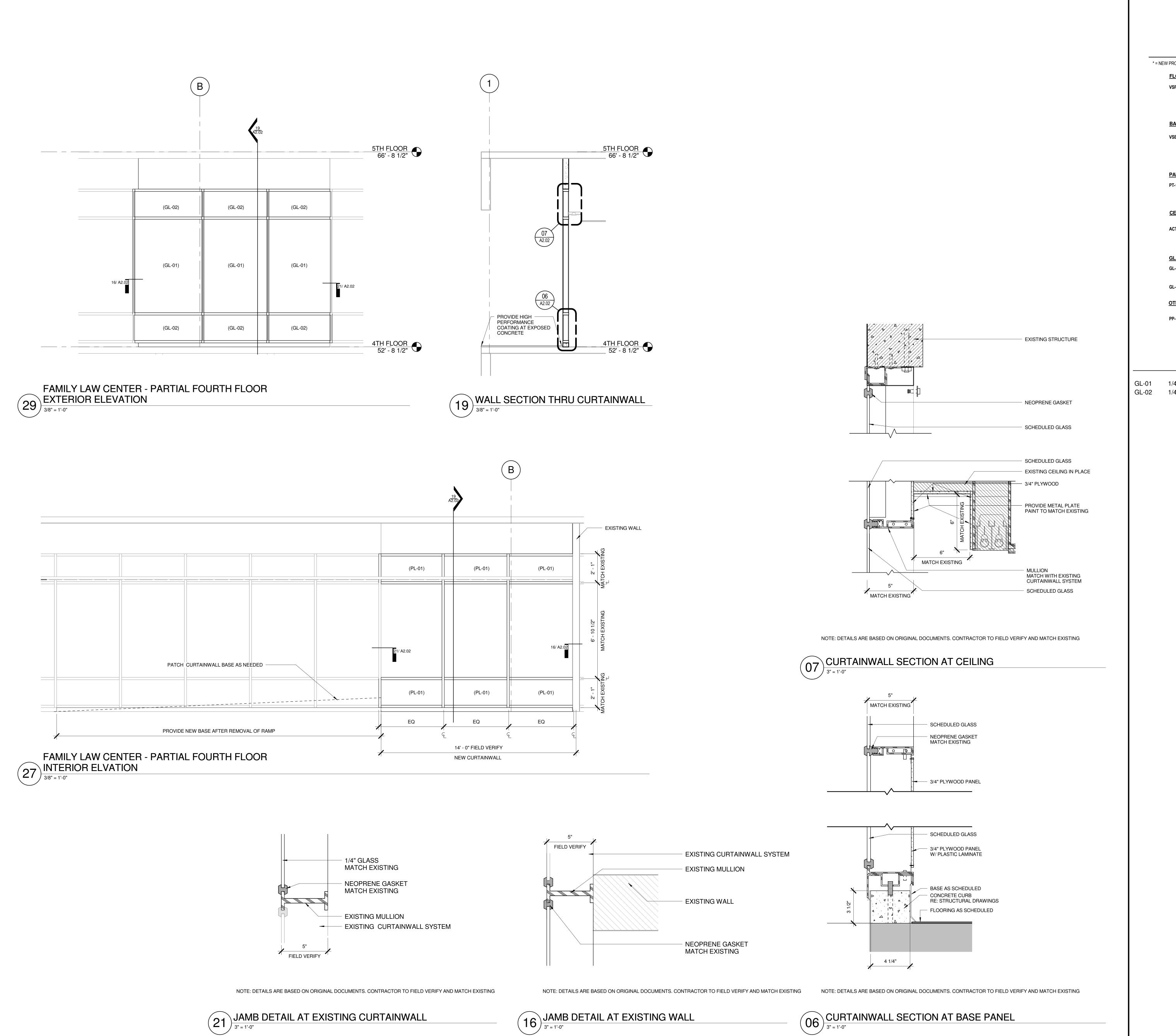
PROJECT SUBMISSION: ISSUE FOR CONSTRUCTION

> DATE: 2017 11 17 NO. REVISION/ISSUE YYYY MM DD

DRAWN BY JOHNSTON SHEET TITLE:

FAMILY LAW CENTER -

COMPOSITE PLAN, ENLARGED FLOOR PLAN, RCP AND FINISH PLAN



FINISH LEGEND

* = NEW PROPOSED MATERIALS (DEVIATION FROM STANDARDS)

NAME:RESILIENT FLOORING DESCRIPTION: VINYL TILE MFR: ARMSTRONG COLOR: MATCH EXISTING LOCATION: SEE FINISH PLANS

NAME:RESILIENT BASE DESCRIPTION: VINYL WALL COVE BASE MFR: ROPPE COLOR: MATCH EXISTING LOCATION: SEE FINISH PLAN

NAME:PAINT MFR: CORONETE COLOR: #OW 32 LOCATION: SEE FINISH PLAN

ACT-1 DESCRIPTION: ACOUSTIC CEILING TILE SIZE: 12" x 12" x 5/8" LOCATION: PATCH WHERE NEEDED

NAME:1/4" TEMPERED GLASS DESCRIPTION: SPANDREL LOCATION: SEE ELEVATIONS

NAME:1/4" TEMPERED GLASS DESCRIPTION: SPANDREL LOCATION: SEE ELEVATIONS

NAME:1/2" PLYWOOD PANEL COLOR: MATCH EXISTING FINISH: PLASTIC LAMINATE LOCATION: SEE DETAILS

GLASS TYPE LEGEND

1/4" TEMPERED GLASS, CLEAR GL-02 1/4" TEMPERED GLASS, SPANDREL 2603 Augusta Drive, Suite 1500 Houston, TX 77057

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STRUCTURAL HENDERSON ROGERS structural engineers



PROJECT TITLE: DISTRICT

BUILDING DEMOLITION & **IMPROVEMENT**

PROFESSIONAL SEAL



2017 11 17

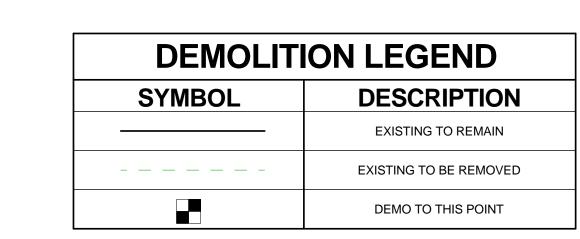
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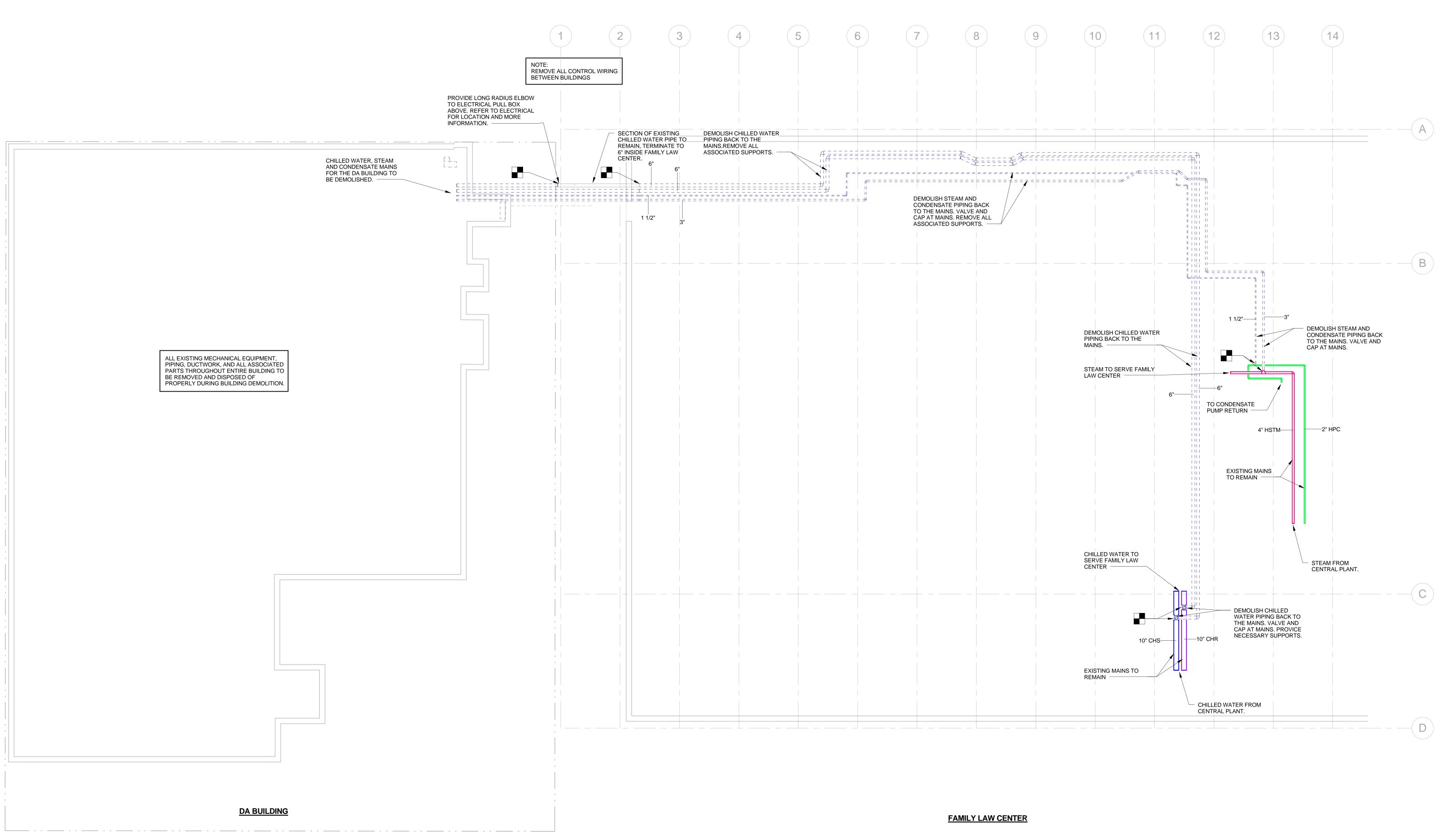
DATE: 2017 11 17

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SHEET TITLE:

FAMILY LAW CENTER - EXTERIOR ELEVATION, INTERIOR ELEVATION, SECTIONS AND DETAILS









STRUCTURAL structural engineers

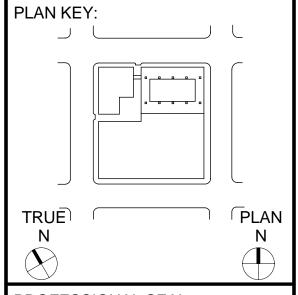
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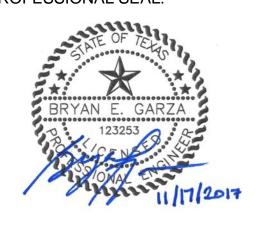
2603 Augusta Drive, Suite 1500 Houston, TX 77057 713.244.8300 TBPE FIRM REGISTRATION #: F-421

SURVEYOR

PROJECT TITLE: DISTRICT DEMOLITION & IMPROVEMENT



PROFESSIONAL SEAL



PROJECT SUBMISSION: ISSUE FOR CONTRUCTION

DATE: 2017 11 17 NO. REVISION/ISSUE YYYY MM DD

DRAWN BY Author SHEET TITLE:

PROJECT NO. 17-00017-00

MECHANICAL DEMOLITION FLOOR PLAN BASEMENT

MECHANICAL DEMOLITION FLOOR PLAN
BASEMENT
1/8" = 1'-0"

LEGEND										
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION							
	POWER		LIGHTING							
	LIGHTING OR POWER CIRCUIT. ARROW INDICATES HOME RUN, LONGER TICK INDICATES NEUTRAL WIRE, SHORTER STRAIGHT	LCP	LIGHTING CONTROL PANEL							
	TICK INDICATES PHASE WIRE, SLANTED SHORTER TICK INDICATES SWITCH LEG, DOT INDICATES GROUNDING CONDUCTOR, DASHED WIRING INDICATES WIRING IN OR BELOW SLAB OR GRADE, SLASH	LC	LIGHTING CONTACTOR							
1	THROUGH ARROW INDICATES ARTIAL CIRCUIT. "D" ON HOMERUN ARROW INDICATES DEDICATED CIRCUIT: PROVIDE A SEPARATE NEUTRAL FOR EACH PHASE CONDUCTOR OR ENTIRE LENGTH OF CIRCUIT FROM PANEL TO OUTLET; COUNT EACH NEUTRAL AS CURRENT-CARRYING AND GROUP A MAXIMUM OF NINE THHN/THWN CONDUCTORS IN A SINGLE RACEWAY; GROUNDING CONDUCTOR IS	101	EMERGENCY EXIT LIGHT FIXTURE, LETTER INDICATES LIGHT FIXTURE TYPE, ARROW OR ARROWS INDICATE EXIT PATHWAYS PROVIDE DIRECTIONAL ARROWS AS INDICATED ON PLANS							
	NOT COUNTED, PER NOTE 11 NEC TABLE 310.16.									
Ф	DUPLEX CONVENIENCE RECEPTACLE, 20A, 120 VOLT, UNLESS OTHERWISE NOTED. "GF" INDICATES GROUND FAULT CIRCUIT INTERRUPTER, "IG" INDICATES ISOLATED GROUND.	0	LIGHT FIXTURE (REFER TO FIXTURE SCHEDULE FOR TYPE)							
#	QUADRAPLEX CONVENIENCE RECEPTACLE, 2- 20 A, 120 VOLT, UNLESS OTHERWISE NOTED.									
Ф	SPECIAL PURPOSE POWER RECEPTACLE, NEMA RATING AS INDICATED.		EMERGENCY LIGHT FIXTURE (REFER TO FIXTURE SCHEDULE FOR TYPE)							
	FLOOR RECEPTACLE, 20A, 120 VOLT, UNLESS OTHERWISE NOTED.									
J	JUNCTION BOX	<u> </u>	NORMAL BRANCH WALL BRACKET FIXTURE. LETTER INDICATES LIGHT FIXTURE TYPE.							
	DISCONNECT SWTICH. FRAME SIZE/FUSE SIZE/POLES AS INDICATED. "NF" INDICATES NON-FUSIBLE, PROVIDE FUSED BUSWAY PLUG WHEN		SWITCHES							
	SWITCH IS CONNECTED TO BUSWAY. NEMA 1 INDOOR, UNLESS OTHERWISE NOTED.	\$	SINGLE POLE SWITCH							
СВ	ENCLOSED CIRCUIT BREAKER. NEMA 1 INDOOR, UNLESS OTHERWISE NOTED.	\$ 3	THREE WAY SWITCH							
\boxtimes	MOTOR CONTROLLER, SIZE AS NOTED ON PLANS. NEMA 1 INDOOR, UNLESS OTHERWISE NOTED.	\$ 4	FOUR WAY SWITCH							
	COMBINATION DISCONNECT SWITCH/MOTOR CONTROLLER, SIZE AS NOTED ON PLANS. NEMA 1 INDOOR, UNLESS OTHERWISE NOTED.	Ф	DIMMER SWITCH							
Т	TRANSFORMER	\$ _M	MOTOR SWITCH							
	PANELBOARD	\$ _{WP}	WEATHERPROOF SWITCH							
	DISTRIBUTION PANEL	ŌS	WALL OCCUPANCY SENSOR SWITCH							
GM	GROUND JACK MODULE	<u>os</u>	CEILING MOUNTED OCCUPANCY SENSOR							
GB	GROUNDING BUS	\$ ĸ	KEY OPERATED SWITCH							
RGM	GROUND AND RECEPTACLE MODULE	\$ _{PB}	PUSH BUTTON SWITCH							
VFD	VARIABLE FREQUENCY DRIVE SUPPLIED BY DIVISION 23.	PP	NEW POWER PACK FOR CEILING OCCUPANCY SENSOR MOUNTED ABOVE ACCESSIBLE CEILING ON JUNCTION BOX. WATTSTOPPER #B; 50. WIRE AND CONNECT TO CEILING OCCUPANCY SENSOR.							

Lighting Fixture Schedule

Type Manufacturer Model Vol. A2 SPAULDING LIGHTING CL1-90L-U-5K-2-105 MOUNTED ON A 32' POLE WITH 3' CONCRETE BASE 120
A3 SPAULDING LIGHTING CL1-90L-U-5K-3-105 MOUNTED ON A 32' POLE WITH 3' CONCRETE BASE 120

Lamp 325 W

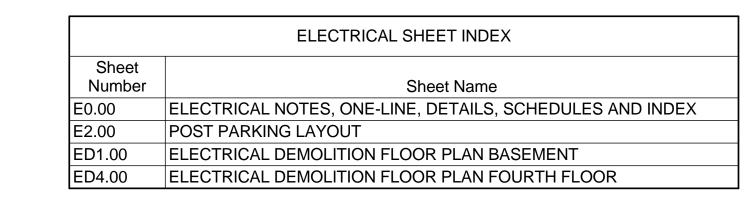
	ELECTRICAL A	BB	REVIATIONS
ABBR.	DEFINITION	ABBR.	DEFINITION
Α	AMPERE	JB	JUNCTION BOX
AF	AMPERE FUSE	ΚV	KILOVOLT
AFF	ABOVE FINISHED FLOOR	KVA	KILOVOLT-AMPERE
AHU	AIR HANDLING UNIT	KW	KILOWATT
KAIC	AMPS INTERRUPTING CAPACITY x1000	LTG	LIGHTING
AT	AMPERE TRIP	MAX	MAXIMUM
ANN	ANNUNCIATOR	мсв	MAIN CIRCUIT BREAKER
ATS	AUTOMATIC TRANSFER SWITCH	мсс	MOTOR CONTROL CENTER
AWG	AMERICAN WIRE GAUGE	мсм	CIRCULAR MILS, THOUSANDS
С	CONDUIT	MGAP	MEDICAL GAS ALARM PANEL
CAB	CABINET	MLO	MAIN LUGS ONLY
СВ	CIRCUIT BREAKER	MTD	MOUNTED
CKT	CIRCUIT	MTG	MOUNTING
CLG	CEILING	NEC	NATIONAL ELECTRICAL CODE
CL	CENTER LINE	NTS	NOT TO SCALE
СТ	CURRENT TRANSFORMER	PNL	PANEL
CU	COPPER	PH	PHASE
DISC	DISCONNECT	Р	POLE
DN	DOWN	PA	PUBLIC ADDRESS
DWG	DRAWING	SPEC	SPECIFICATION
EA	EACH	SWBD	SWITCHBOARD
EDF	ELECTRIC DRINKING FOUNTAIN	TEL	TELEPHONE
EF	EXHAUST FAN	TV	TELEVISION
EXTG	EXISTING	TVSS	TRANSIENT VOLT. SURGE SUPPRES
FA	FIRE ALARM	UC	UNDER COUNTER
FACP	FIRE ALARM CONTROL PANEL	UH	UNIT HEATER
FCU	FAN COIL UNIT	٧	VOLT
FLA	FULL LOAD AMPS	VA	VOLTAMPERE
GF	GROUND FAULT CIRCUIT INTERRUPTER	W	WATT
GND	GROUND	WP	WEATHER-PROOF
HP	HORSE POWER	XFMR	TRANSFORMER

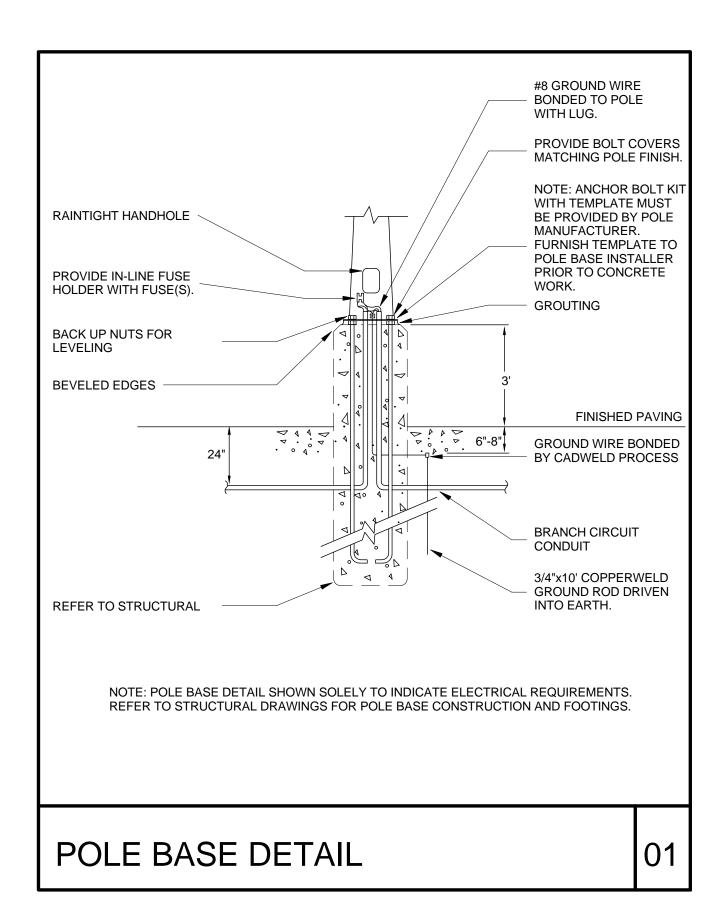
ABBR.	DEFINITION	ABBR.	DEFINITION
A	AMPERE	JB	JUNCTION BOX
AF	AMPERE FUSE	KV	KILOVOLT
AFF	ABOVE FINISHED FLOOR	KVA	KILOVOLT-AMPERE
AHU	AIR HANDLING UNIT	KW	KILOWATT
KAIC	AMPS INTERRUPTING CAPACITY x1000	LTG	LIGHTING
AT	AMPERE TRIP	MAX	MAXIMUM
ANN	ANNUNCIATOR	мсв	MAIN CIRCUIT BREAKER
ATS	AUTOMATIC TRANSFER SWITCH	мсс	MOTOR CONTROL CENTER
AWG	AMERICAN WIRE GAUGE	мсм	CIRCULAR MILS, THOUSANDS
С	CONDUIT	MGAP	MEDICAL GAS ALARM PANEL
CAB	CABINET	MLO	MAIN LUGS ONLY
СВ	CIRCUIT BREAKER	MTD	MOUNTED
CKT	CIRCUIT	MTG	MOUNTING
CLG	CEILING	NEC	NATIONAL ELECTRICAL CODE
CL	CENTER LINE	NTS	NOT TO SCALE
СТ	CURRENT TRANSFORMER	PNL	PANEL
CU	COPPER	PH	PHASE
DISC	DISCONNECT	Р	POLE
DN	DOWN	PA	PUBLIC ADDRESS
DWG	DRAWING	SPEC	SPECIFICATION
EA	EACH	SWBD	SWITCHBOARD
EDF	ELECTRIC DRINKING FOUNTAIN	TEL	TELEPHONE
EF	EXHAUST FAN	TV	TELEVISION
EXTG	EXISTING	TVSS	TRANSIENT VOLT. SURGE SUPPRESSOR
FA	FIRE ALARM	UC	UNDER COUNTER
FACP	FIRE ALARM CONTROL PANEL	UH	UNIT HEATER
FCU	FAN COIL UNIT	V	VOLT
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GF	GROUND FAULT CIRCUIT INTERRUPTER	W	WATT
GND	GROUND	WP	WEATHER-PROOF
HP	HORSE POWER	XFMR	TRANSFORMER

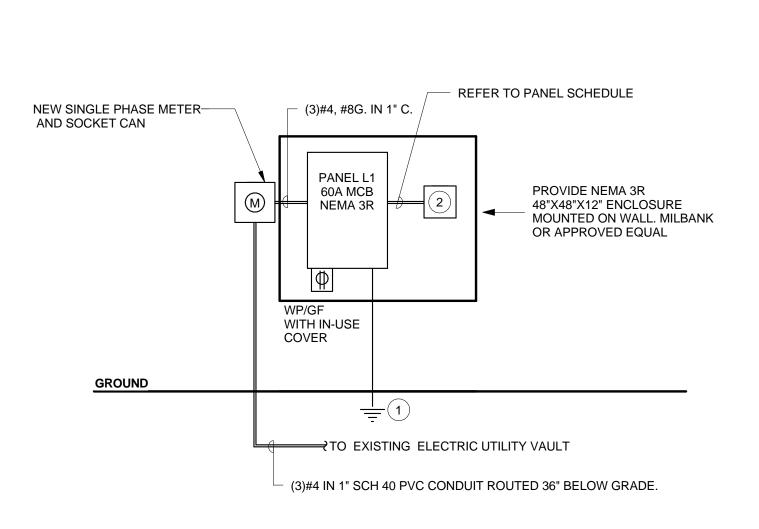
	ABBR.	DEFINITION		
	JB	JUNCTION BOX	1.	DRAWINGS ARE SCHEMATIC IN NATURE AND MAY NOT BE DRAWN TO SCALE. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT
	KV	KILOVOLT		ROUTING OF ALL SERVICES WITH EXISTING CONDITIONS AND WITH ALL
	KVA	KILOVOLT-AMPERE		OTHER TRADES.
	KW	KILOWATT	2.	ALL WORK SHALL BE INSTALLED PER THE APPLICABLE BUILDING CODES THAT ARE CURRENTLY IN EFFECT.
1000	LTG	LIGHTING	3.	ALL CIRCUITS SHALL INCLUDE A GREEN GROUND CONDUCTOR SIZED IN
	MAX	MAXIMUM	ა.	ACCORDANCE WITH NEC SECTION 250 OR LARGER IF NOTED.
	MCB	MAIN CIRCUIT BREAKER	4.	ALL PENETRATION OF FIRE RATED PARTITIONS, WALLS AND FLOORS DUE TO
	MCC	MOTOR CONTROL CENTER		THE INSTALLATION OF ELECTRICAL SYSTEMS SHALL BE SEALED TO MAINTAIN
	MCM	CIRCULAR MILS, THOUSANDS		THE FIRE RATING OF THE WALL.
	MGAP	MEDICAL GAS ALARM PANEL	5.	BRANCH CIRCUITING IS A DIAGRAMMATIC REPRESENTATION OF CIRCUIT
	MLO	MAIN LUGS ONLY		LOADING AND CONTROL ONLY. IT IS NOT A METHOD OF INSTALLATION. REFER TO SPECIFICATIONS FOR METHODS OF INSTALLATION AND
	MTD	MOUNTED		MATERIALS.
	MTG	MOUNTING	6.	PROVIDE QUANTITY OF CONDUCTORS AS NEEDED TO ACCOMMODATE
	NEC	NATIONAL ELECTRICAL CODE		CIRCUITING AND SWITCHING REQUIREMENTS SHOWN.
	NTS	NOT TO SCALE	7.	ELECTRICAL CONTRACTOR SHALL SECURE ALL PERMITS, LICENSES
	PNL	PANEL		AND INSPECTIONS REQUIRED FOR HIS WORK, AND SHALL PAY ALL FEES IN CONNECTION WITH SUCH PERMITS, LICENSES AND INSPECTIONS.
	PH	PHASE		, ·
	P	POLE	8.	WORK SHALL COMPLY WITH THE MOST RECENT VERSION OF ALL APPLICABLE LAWS, RULES, REGULATIONS, GOVERNING CODES, AND ORDINANCES OF ALL
	PA	PUBLIC ADDRESS		FEDERAL, STATE AND LOCAL AUTHORITIES.
	SPEC	SPECIFICATION	9.	DRAWINGS ARE DIAGRAMMATIC; VERIFY DIMENSIONS AND CONDITIONS AT
	SWBD			JOB SITE AND FROM ARCHITECTURAL PLANS.
	TEL	TELEPHONE	10.	
	TV	TELEVISION		ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL WIRING, RACEWAYS, DEVICES, PULLBOXES, DUCTS, SWITCHES, CIRCUITS BREAKERS
	TVSS	TRANSIENT VOLT. SURGE SUPPRESSOR		AND OTHER ELECTRICAL ITEMS NOT SUPPLIED BY EQUIPMENT VENDORS.
	UC	UNDER COUNTER UNIT HEATER		REFER TO ELECTRICAL DRAWING AND VENDOR DRAWINGS.
	UH		11.	ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING COMPLETE AND FUNCTIONAL SYSTEMS BY COORDINATING WORK BETWEEN TRADES. LOW
	V VA	VOLT VOLTAMPERE		VOLTAGE WIRING AND RELATED CONDUIT MAY BE REQUIRED FOR DIVISION 23
IDTED				EQUIPMENT. REFER TO DIVISION 26 SPECIFICATIONS.
JPTER		WATT	12.	REFER TO LOW VOLTAGE DRAWINGS FOR LOCATIONS OF CABLE TRAY,
	WP XFMR	WEATHER-PROOF TRANSFORMER		SLEEVES, HANDHOLES AND ADDITIONAL CONDUITS REQUIRED TO BE FURNISHED BY ELECTRICAL CONTRACTOR.
	AFIVIR	TRAINSFORMER	40	
			13.	ELECTRICAL CONTRACTOR TO FIELD VERIFY SPACE REQUIREMENTS FOR DISCONNECT SWITCHES, PUMP CONTROL PANELS, VARIABLE FREQUENCY
				DRIVES (VFD) AND CONDUIT ROUTING PRIOR TO INSTALLATION.
			14.	REFER TO PANEL SCHEDULES, ONE-LINE DIAGRAMS AND RISER DIAGRAMS FOR FEEDER AND CONDUIT SIZES.
			15.	IF VFDs ARE NOT PROVIDED WITH INTEGRAL DISCONNECTING MEANS PROVIDE DISCONNECT SWITCH AS REQUIRED. DISCONNECT SWITCH SHALL BE PROVIDE WITH AUXILIARY CONTACTS AND WIRES TO SIGNAL SWITCH OPENING.
			16.	NOT EVERY SYMBOL IN THIS LEGEND MAY APPEAR ON THE DRAWINGS.

ELECTRICAL GENERAL NOTES

120/208 Wye 1PH 3W Notes:				60 Am	пр МСВ	AIC RATING: 10,000				0,000 MOUNTING: Surface LUGS: Feed Thru			
						_		_					
Circuit Description	Wire	# of Poles	CB Rating	CKT		A		В	СКТ	CB Rating	# of Poles	Wire	Circuit Description
GATE MOTOR	12	1	20 A	1	800 VA	800 VA			2	20 A	1	12	GATE MOTOR
(1) REC	12	1	20 A	3	000 VA	000 VA	180 V/A	180 VA	I .	20 A	1	12	IRRIGATION CTRL PANEL
EXTERIOR LIGHTING	10	1	20 A	5	650 VA	650 VA	100 771	100 771	6	20 A	1	10	EXTERIOR LIGHTING
ZTAG MACHINE	10	1	20 A	7	000 171	000 V/1	200 VA	0 VA	8				SPACE
SPARE		1		9	0 VA	0 VA	200 V/1	0 771	10				SPACE
SPARE		1		11	0 1/1	0 771	0 VA	0 VA	12				SPACE
SPACE		<u> </u>		13	0 VA	0 VA	0 171	0 77	14				SPACE
SPACE				15	0 171	0 771	0 VA	0 VA	16				SPACE
SPACE				17	0 VA	0 VA	0 171	0 171	18				SPACE
SPACE				19	• • • • • • • • • • • • • • • • • • • •	0 171	0 VA	0 VA	20				SPACE
SPACE				21	0 VA	0 VA	0 171	0 171	22	30 A	2	10	SPD
SPACE				23	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	0 VA	0 VA	24				
						1A C							
oad Classification		- (Connect			EC Diver		NEC	Load				Panel Totals
Motor				1600		112.50%				0 VA			n. Load: 3460 VA
Other				180	VA	100.00%	b		18	0 VA	Tota	al Est. C	Demand: 3985 VA
Receptacle				180	VA	100.00%	·		18	0 VA	Total	Conn.	Current: 17 A
Power				200	VA	100.00%	b		20	0 VA	Tota	al NEC	Current: 19 A
Lighting - Exterior				1300	VA	125.00%	ò		162	5 VA Hea	ating/Co	oling D	iversity: 0 A
										D	iversifie	d NEC	Current: 19 A
Notes:													







SERVICE ENTRANCE EQUIPMENT 4 ELEVATION NOT TO SCALE

> KEYED NOTES PROVIDE SERVICE GROUND AS REQUIRED PER NEC. COORDINATE ALL BONDING AND GROUNDING REQUIREMENTS WITH CENTERPOINT ENERGY PRIOR TO 2 IRRIGATION CONTROL PANEL (BY OTHERS)

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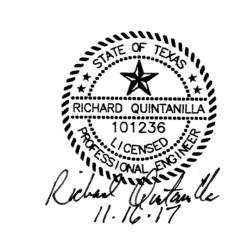
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SURVEYOR

PROJECT TITLE: DISTRICT IMPROVEMENT

PROFESSIONAL SEAL:



PROJECT SUBMISSION: ISSUE FOR CONSTRUCTION

DATE: 2017 11 17 NO. REVISION/ISSUE YYYY MM DD

PROJECT NO. 17-00017-00 DRAWN BY Author SHEET TITLE:

ELECTRICAL
NOTES, ONE-LINE,
DETAILS,
SCHEDULES AND
INDEX

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ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES, CONDUIT AND CONDUCTORS THROUGHOUT ENTIRE BUILDING TO BE REMOVED AND DISPOSED OF PROPERLY DURING BUILDING DEMOLITION. 1



CLIENT

KEYNOTES LEGEND

THIS PORTION OF EXISTING 6" CHILLED WATER PIPE TO BE REUSED AS A SLEEVE FOR LOW VOLTAGE PATHWAY INTO FAMILY LAW BUILDING. NEW PIPE SHALL BE ADDED TO

3 CUT EXISTING PIPE 6"-12" INSIDE THIS ROOM. MAKE ALL ROUGH EDGES AS SMOOTH AS POSSIBLE FOR CABLE PULLING.

PRIOR TO DEMOLITION.

DISCONNECT AND REMOVE ALL ELECTRICAL CONNECTIONS ASSOCIATED WITH UTILITY VAULT. CENTERPOINT ENERGY WILL REMOVE ALL CNP EQUIPMENT INSIDE THE VAULT. CONTRACTOR TO COORDINATE SCHEDULE OF REMOVAL WITH CENTERPOINT ENERGY

TURN VERTICAL AND INTO NEW ELECTRICAL PULL BOX AS SHOWN IN THE PARKING LOT PLAN. COORDINATE LOCATION WITH MECHANICAL DEMO PLAN.



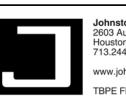
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713.244.8300
www.johnstonllc.com
TBPE FIRM REGISTRATION #: F-421

SURVEYOR

PROJECT TITLE:
DISTRICT
ATTORNEY
BUILDING
DEMOLITION &
SITE
IMPROVEMENT

PROFESSIONAL SEAL:



PROJECT SUBMISSION:
ISSUE FOR
CONSTRUCTION

DATE: 2017 11 17

NO. REVISION/ISSUE YYYY MM DD

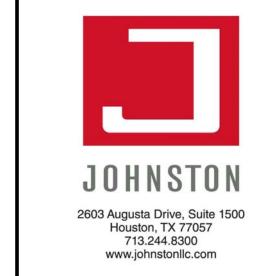
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SHEET TITLE:
ELECTRICAL
DEMOLITION FLOOR
PLAN BASEMENT

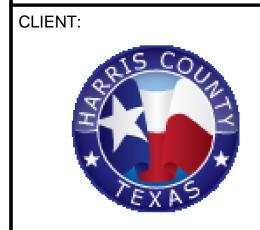
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ELECTRICAL DEMOLITION FLOOR PLAN
BASEMENT
1/8" = 1'-0"

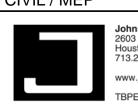


KEYNOTES LEGEND ENTIRE FOURTH FLOOR CONNECTOR TO BE DEMOLISHED. ALL LIGHTS, ELECTRICAL DEVICES, CONDUIT AND WIRING TO BE REMOVED. CONTRACTOR TO FIELD VERIFY NO ELECTRICAL CIRCUIT REMOVED WILL IMPACT FAMILY LAW BUILDING.



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PROFESSIONAL SEAL:



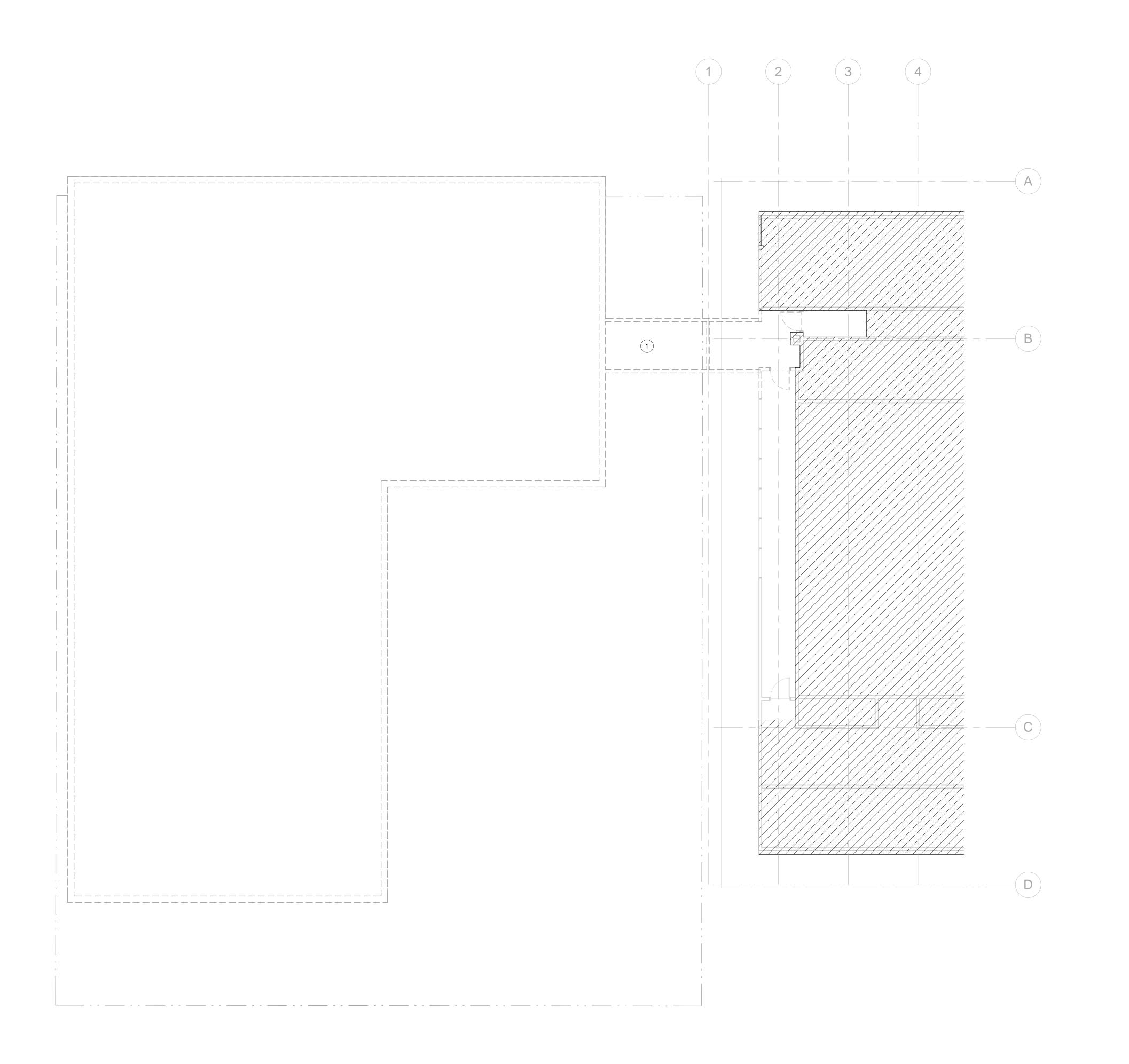
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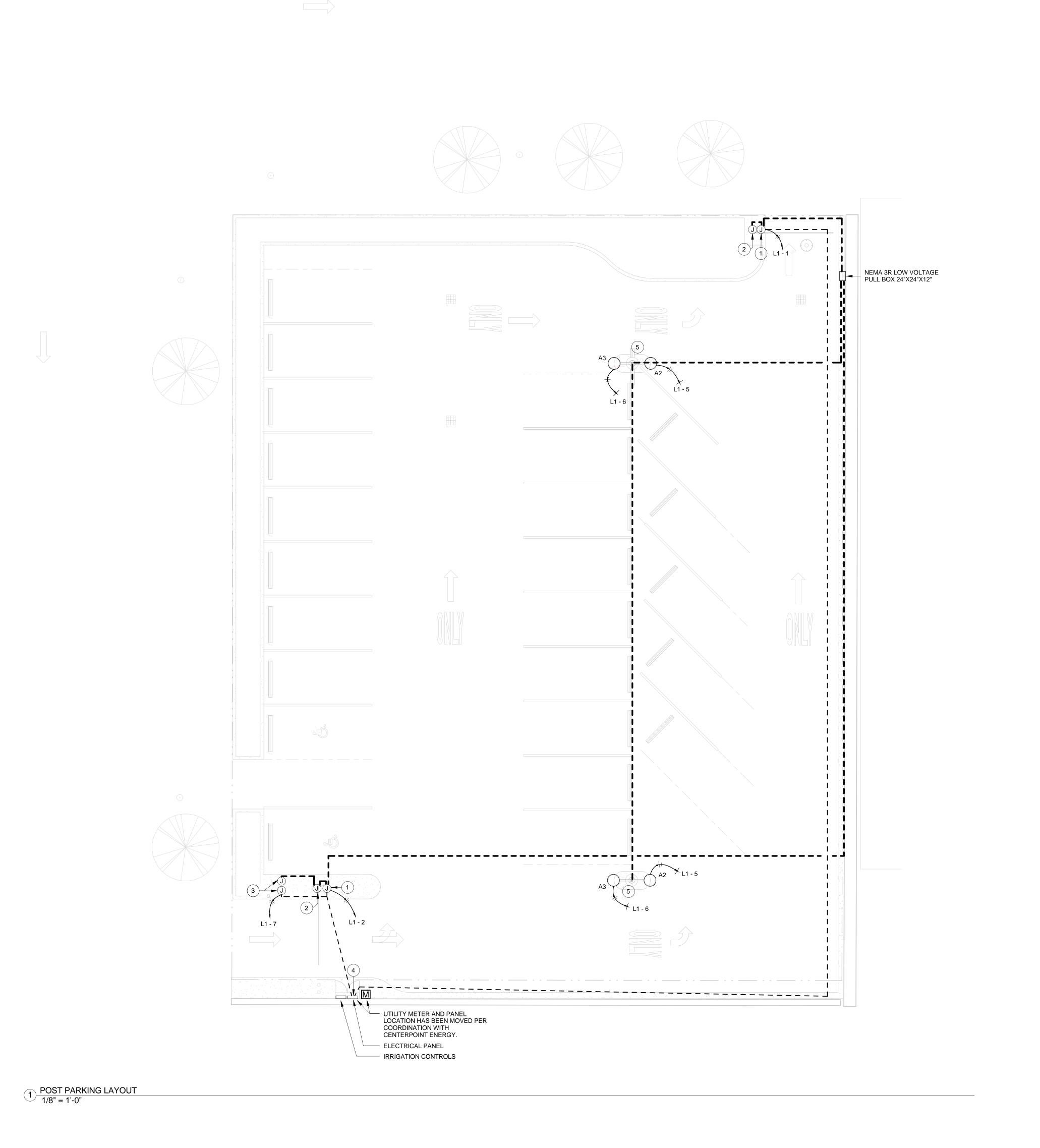
DATE: 2017 11 17 NO. REVISION/ISSUE YYYY MM DD

PROJECT NO. 17-00017-00 DRAWN BY Author

SHEET TITLE:
ELECTRICAL
DEMOLITION FLOOR
PLAN FOURTH
FLOOR

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CLIEN

KEYNOTES LEGEND

1 STUB UP (1) 1-1/2" CONDUIT FOR DATA AND (1) 1" CONDUIT FOR POWER AT LOCATIONS INDICATED TO SERVE NEW GATE ARM. STUB UP AN ADDITIONAL 1-1/2" CONDUIT FROM THIS LOCATION TO THE LOCATION INDICATED IN KEYED NOTE #2 TO ROUTE DATA TO CARD READER.

2 STUB UP (1) 1-1/2" CONDUIT AT THIS LOCATION FROM THE LOCATION INDICATED IN KEYED NOTE #1 FOR CARD READER.

3 STUB UP (1) 1-1/2" CONDUIT FOR DATA AND (1) 1" CONDUIT FOR POWER AT THE LOCATION INDICATED TO SERVE EZ TAG READER. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH EQUIPMENT PROVIDER

4 PROVIDE SERVICE GROUND AS REQUIRED PER NEC. COORDINATE ALL BONDING AND GROUNDING REQUIREMENTS WITH CENTERPOINT ENERGY PRIOR TO INSTALLATION.

LINEWEIGHT LEGEND

— — — 1" CONDUIT

— — — 1-1/2" CONDUIT

5 PROVIDE LIGHT FIXTURES WITH DIMMABLE DRIVERS AND LIGHTING CONTROLS PER IECC 2015.

PRIOR TO INSTALLATION.



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PROJECT TITLE:
DISTRICT
ATTORNEY
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DEMOLITION &
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TRUE PLAN N

PROFESSIONAL SEAL:



PROJECT SUBMISSION:
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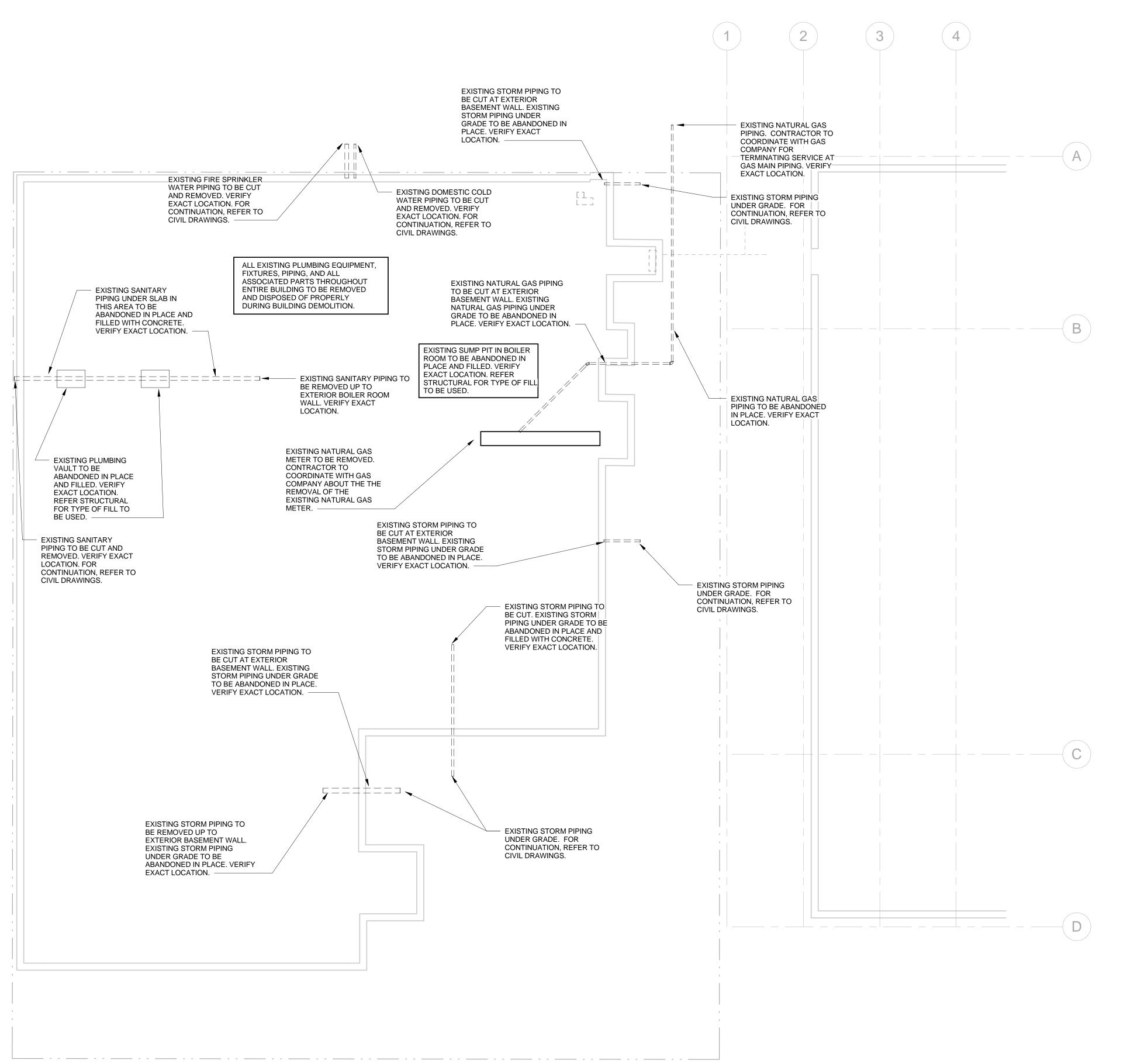
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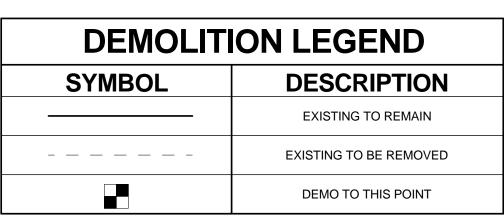
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SHEET TITLE:
POST PARKING
LAYOUT

Original drawing is 42 x 30. Do not scale contents of this dra-

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GENERAL NOTES:

- 1. THE PLUMBING CONTRACTOR SHALL COMPLY WITH ALL AUTHORITIES HAVING JURISDICTION.
- 2. ALL PLUMBING DEMOLITON SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO ANY DEMOLITION OF ALL PLUMBING FIXTURES, PIPING, EQUIPMENT, AND ETC. BY THE PLUMBING CONTRACTOR.
- 3. REFER TO ARCHITECTURAL DRAWING FOR EXACT LOCATIONS OF FIXTURES, EQUIPMENT, ETC. DO NOT SCALE FROM PLUMBING DRAWINGS.

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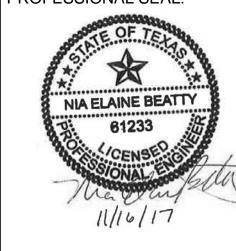


SURVEYOR

PROJECT TITLE: DISTRICT BUILDING DEMOLITION

PLAN KEY: TRUE

PROFESSIONAL SEAL



PROJECT SUBMISSION: ISSUE FOR CONSTRUCTION

DATE: 2017 11 17 NO. REVISION/ISSUE YYYY MM DD

PROJECT NO. 17-00017-00 DRAWN BY Author

SHEET TITLE: PLUMBING DEMOLITION FLOOR PLAN BASEMENT

PLUMBING DEMOLITION FLOOR PLAN

1 BASEMENT 1/8" = 1'-0"