

A map of the Houston area showing the locations of Jordan Ranch SC1 and Jordan Ranch SC2. The map includes major roads like I-10, I-45, and I-271, and labels for various areas such as Katy, Brookshire, and The Woodlands. The two sites are marked with a red dot (SC1) and a blue dot (SC2) near the intersection of I-10 and I-45.

A map of the Jordan Ranch area in San Diego. The map shows a network of roads including Miller Rd, Spindletree Ln, Water Oak Ln, Skiff Oak Ln, Fringe Tree Ln, Kingsland Blvd, Long Bay Ct, Fraser Fir Ln, Poplar Dr, Willow Chase Ln, and Willow Ln. Two specific locations are marked with colored dots: Jordan_Ranch_SC1 (red dot) and Jordan_Ranch_SC2 (blue dot). Elevation points are marked with black triangles and labeled with their elevations: 157 ft and 153 ft. The map also shows a green line representing a water feature or boundary on the right side. The map is credited to Esri, NASA, NOAA, USGS, FEMA, and Esri Community Maps Contributors.

Sheet List Table	
Sheet Number	Sheet Title
1	TITLE
2	NOTES
3	JORDAN RANCH SC1
4	JORDAN RANCH SC2
5	ONE LINE AND LOAD ANALYSIS
6	GROUNDING
7	DETAILS
8	DETAILS 2
9	TCP
10	SWPPP

VERIZON
SMALL CELL
WALLER CO. PKG 1

CONSTRUCTION PLANS FOR PROPOSED ANTENNA SITES

VZW SITE NAME	MGD LOCATION CODE	LAT	LONG	E911 ADDRESS	KEY MAP
JORDAN_RANCH_SC1	5000923518	29.773997	-95.895152	2087 SPINDLETREE LANE, BROOKSHIRE, TX 77423	483A
JORDAN_RANCH_SC2	5000923520	29.769451	-95.902109	30631 KINGSLAND BLVD, BROOKSHIRE, TX 77423	482H

JORDAN_RANCH_SC2 REMOVED FROM PACKAGE

NOTE:
CONTRACTOR MUST FIELD VERIFY EXACT LOCATION
AND DEPTH OF ALL EXISTING CENTERPOINT ENERGY
UTILITY LINES AND SBC CONDUITS PRIOR TO
COMMENCING CONSTRUCTION ON THIS PROJECT.

WARNING: CONTRACTOR IS TO
VERIFY PRESENCE AND EXACT
LOCATION OF ALL UTILITIES PRIOR TO
CONSTRUCTION.



PMA
P. MARSHALL & ASSOCIATES

[illegible]

02/14/24

DESIGNED: JG

DRAWN: JG

CHECKED: JG

JOB #:

PKG 1

1 OF 10

**WARNING: CONTRACTOR IS TO
VERIFY PRESENCE AND EXACT
LOCATION OF ALL UTILITIES PRIOR TO
CONSTRUCTION.**

GENERAL NOTES:

THE GENERAL CONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK. ALL WORK SHALL BE PERFORMED IN A WORKMAN LIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTION PRACTICES.

IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETED INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FORM WORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL ORDINANCES, TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.

THE CONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHOD NEEDED FOR PROPER PERFORMANCE OF THE WORK.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONSTRUCTION CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.

SITE GROUNDING SHALL COMPLY WITH VERIZON WIRELESS GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH VERIZON WIRELESS GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION. IF TEMPORARY LIGHTING AND MARKING IS REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION (FAA), IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE NECESSARY LIGHTS AND NOTIFY THE PROPER AUTHORITIES IN THE EVENT OF A PROBLEM.

ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES. THE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.

ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AMPLE NOTICE TO THE BUILDING INSPECTION DEPARTMENT TO SCHEDULE THE REQUIRED INSPECTIONS. A MINIMUM OF 24 HOURS OF NOTICE SHALL BE GIVEN AND THE BUILDING INSPECTION DEPARTMENTS HAVE REQUESTED THAT GROUPS OF TWO OR THREE SITES BE SCHEDULED AT ONE TIME IF POSSIBLE.

CONSTRUCTION MANAGER WILL CONFIRM FAA APPROVAL OF TOWER LOCATION BY ISSUING TOWER RELEASE FORM. NO TOWER SHALL BE CONSTRUCTED UNTIL THE TOWER RELEASE FORM IS ISSUED TO THE CONTRACTOR.

THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE FINAL RF DESIGN AND TOWER STRUCTURAL ANALYSIS. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF TOTAL BID PACKAGE PRIOR TO BID SUBMITTAL.

CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES. SILT AND EROSION CONTROL SHALL BE MAINTAINED ON THE DOWNSTREAM SIDE OF THE SITE AT ALL TIMES. ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

CLEARING OF TREES AND VEGETATION ON THE SITE SHOULD BE HELD TO A MINIMUM. ONLY THE TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED. ANY DAMAGE TO PROPERTY OUTSIDE THE LEASE PROPERTY SHALL BE REPAIRED BY THE CONTRACTOR.

ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL.

SEEDING AND MULCHING OF THE SITE SHALL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE SITE DEVELOPMENT. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING AN ADEQUATE COVER OF VEGETATION OVER THE SITE FOR A ONE YEAR PERIOD.

PERMITS: OBTAIN AND PAY FOR REQUIRED PERMITS, LICENSES, FEES, INSPECTIONS, ETC.

RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DRAWINGS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETION OF THE PROJECT.

THE CONTRACTOR SHALL VISIT THE SITE BEFORE BIDDING ON THE WORK CONTAINED IN THIS DESIGN PACKAGE.

EXCAVATION & GRADING NOTES:

1. ALL CUT AND FILL SLOPES SHALL BE 3 : 1 MAXIMUM.
2. ALL EXCAVATIONS ON WHICH CONCRETE IS TO BE PLACED SHALL BE SUBSTANTIALLY HORIZONTAL ON UNDISTURBED AND UNFROZEN SOIL AND BE FREE FROM LOOSE MATERIAL AND EXCESS GROUND WATER. DEWATERING FOR EXCESS GROUND WATER SHALL BE PROVIDED IF REQUIRED.
3. CONCRETE FOUNDATIONS SHALL NOT BE PLACED ON ORGANIC MATERIAL. IF SOUND SOIL IS NOT REACHED AT THE DESIGNATED EXCAVATION DEPTH, THE UNSATISFACTORY SOIL SHALL BE EXCAVATED TO ITS FULL DEPTH AND EITHER BE REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION BE FILLED WITH CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION.
4. ANY EXCAVATION OVER THE REQUIRED DEPTH SHALL BE FILLED WITH EITHER MECHANICALLY COMPACTED GRANULAR MATERIAL OF CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION. CRUSHED STONE MAY BE USED TO STABILIZE THE BOTTOM OF THE EXCAVATION. STONE, IF USED, SHALL NOT BE USED AS COMPILING CONCRETE THICKNESS.
5. AFTER COMPLETION OF THE FOUNDATION AND OTHER CONSTRUCTION BELOW GRADE, AND BEFORE BACK FILLING, ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS, AND SO FORTH.
6. BACK FILL SHALL BE:
 - APPROVED MATERIALS CONSISTING OF EARTH, LOAM, SANDY CLAY, SAND, GRAVEL, OR SOFT SHALE;
 - FREE FROM CLODS OR STONES OVER 2-1/2" MAXIMUM DIMENSIONS;
 - IN LAYERS AND COMPACTED.
7. SITE FILL MATERIAL AND FOUNDATION BACK FILL SHALL BE PLACED IN LAYERS, MAXIMUM 6" DEEP BEFORE COMPACTION. EACH LAYER SHALL BE SPRINKLED IF REQUIRED AND COMPACTED BY HAND OPERATED OR MACHINE TAMPERS TO 95% OF MAXIMUM DENSITY, AT THE OPTIMUM MOISTURE CONTENT 2% AS DETERMINED BY ASTM DESIGNATION D-698, UNLESS OTHERWISE APPROVED. SUCH BACK FILL SHALL NOT BE PLACED BEFORE 3 DAYS AFTER PLACEMENT OF CONCRETE.
8. THE FOUNDATION AREA SHALL BE GRADED TO PROVIDE WATER RUNOFF AND PREVENT WATER FROM STANDING. THE FINAL GRADE SHALL SLOPE AWAY IN ALL DIRECTIONS FROM THE FOUNDATION AND SHALL THEN BE COVERED WITH 4" DEEP COMPACTED STONE OR GRAVEL.
9. CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL CITY, COUNTY AND STATE CODES AND ORDINANCES TO PROTECT EMBANKMENTS FROM SOIL LOSS AND TO PREVENT ACCUMULATION OF SOIL AND SILT IN STREAMS AND DRAINAGE PATHS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE SUCH MEASURES AS SILT FENCES, STAW BALE SEDIMENT BARRIERS AND CHECK DAMS.
10. FILL PREPARATION:

REMOVE ALL VEGETATION, TOPSOIL, DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE PRIOR TO PLACING FILLS. PLOW STRIP OR BREAK UP SLOPED SURFACES STEEPER THAT 1 VERTICAL TO 4 HORIZONTAL SO FILL MATERIAL WILL BOND WITH EXISTING SURFACE. WHEN SUBGRADE OR EXISTING GROUND SURFACE TO RECEIVE FILL HAS A DENSITY LESS THAN THAT REQUIRED FOR FILL, BREAK UP GROUND SURFACE TO DEPTH REQUIRED, PULVERIZE, MOISTURE-CONDITION OR AERATE SOIL AND RECOMPACT TO REQUIRED DENSITY.
11. REPLACE THE EXISTING WEARING SURFACE ON AREAS WHICH HAVE BEEN DAMAGED OR REMOVED DURING CONSTRUCTION OPERATIONS. SURFACE SHALL BE REPLACE TO MATCH EXISTING ADJACENT SURFACING AND SHALL BE OF THE SAME THICKNESS. NEW SURFACE SHALL BE FREE FROM CORRUGATIONS AND WAVES. EXISTING SURFACING MAY BE EXCAVATED SEPARATELY AND REUSED IF INJURIOUS AMOUNTS OF EARTH, ORGANIC MATERIAL, OF OTHER DELETERIOUS MATERIALS ARE REMOVED PRIOR TO REUSE. FURNISH ALL ADDITIONAL RESURFACING MATERIAL AS REQUIRED. BEFORE SURFACING IS REPLACED, SUBGRADE SHALL BE GRADED TO CONFORM TO REQUIRED SUBGRADE ELEVATIONS, AND LOOSE OR DISTURBED MATERIALS SHALL BE THOROUGHLY COMPACTED. DEPRESSIONS IN THE SUBGRADE SHALL BE FILLED AND COMPACTED WITH APPROVED SELECTED MATERIAL. SURFACING SHALL NOT BE USED FOR FILLING DEPRESSIONS IN THE SUBGRADE.
12. PROTECT EXISTING SURFACING AND SUBGRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING OR OTHER SUITABLE MATERIALS DESIGNED TO SPREAD EQUIPMENT LOADS. REPAIR DAMAGE TO EXISTING GRAVEL SURFACING OR SUBGRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTOR'S OPERATIONS. DAMAGED GRAVEL SURFACING SHALL BE RESTORED TO MATCH THE ADJACENT UNDAMAGED GRAVEL SURFACING AND SHALL BE OF THE SAME THICKNESS.
13. DAMAGE TO EXISTING STRUCTURES AND UTILITIES RESULTING FROM CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED / REPLACED TO OWNER'S SATISFACTION AT CONTRACTOR'S EXPENSE.
14. CONTRACTOR SHALL COORDINATE THE CONSTRUCTION SCHEDULE WITH PROPERTY OWNER SO AS TO AVOID INTERRUPTIONS TO PROPERTY OWNER'S OPERATIONS.
15. ENSURE POSITIVE DRAINAGE DURING AND AFTER COMPLETION OF CONSTRUCTION.
16. RIPRAP SHALL BE CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY, AND FREE OF ANY DETRIMENTAL QUANTITY OF SOFT, FRIABLE, THIN, ELONGATED OR LAMINATED PIECES, DISINTEGRATED MATERIAL, ORGANIC MATTER, OIL, ALKALI, OR OTHER DELETERIOUS SUBSTANCE.



VERIZON
SMALL CELL NODE
CONSTRUCTION PLANS FOR
PROPOSED ANTENNA
SITES

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DESIGNED: JG
DRAWN: JG
CHECKED: JG

JOB #:
PKG 1

NOTES

2 OF 10

3 OF 10

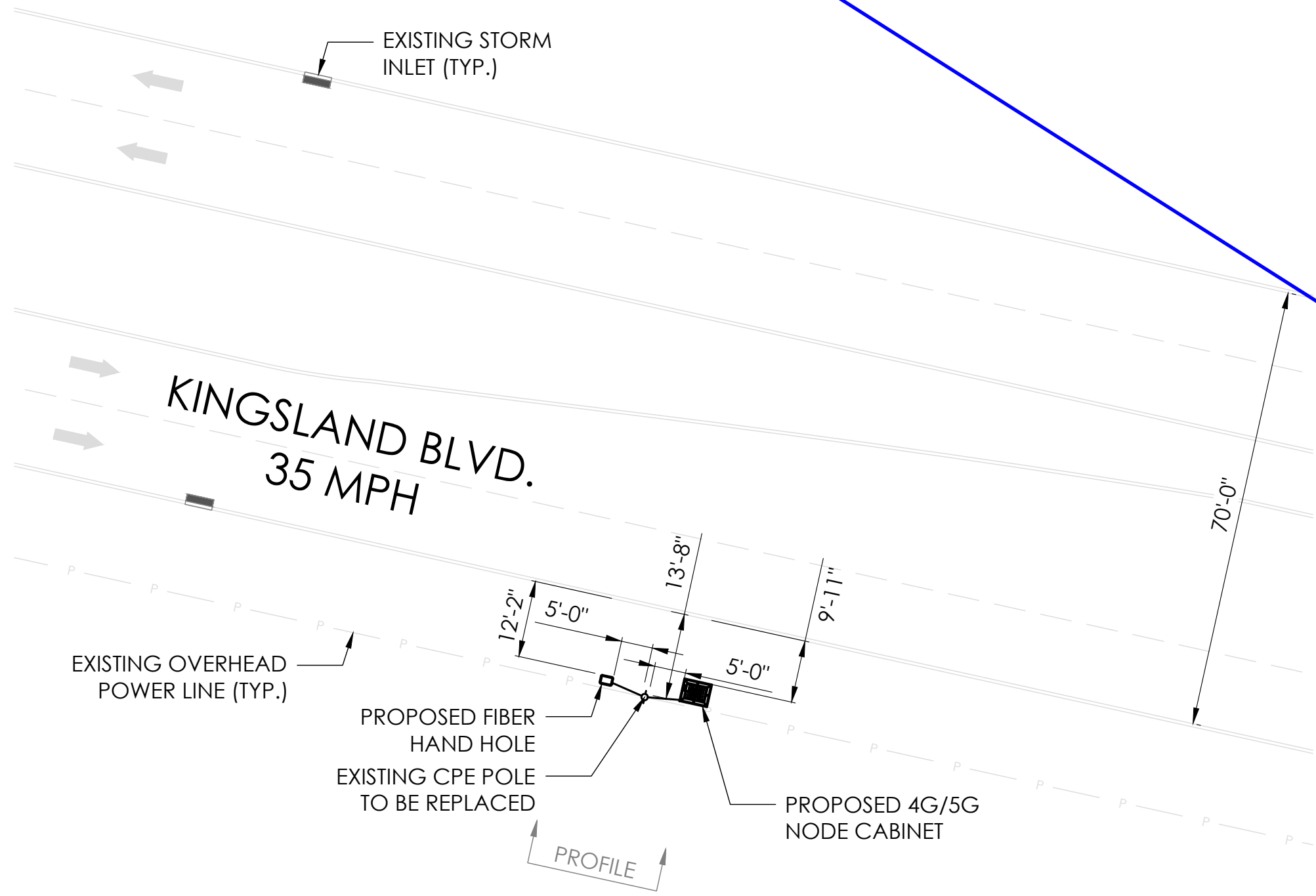
FLOODPLAIN:
JORDAN RANCH SC2: THE PROPERTY SHOWN HEREON (EITHER TOTAL OR IN PORTION) IS LOCATED IN FLOOD INSURANCE RATE MAP 48473C0350E DATED 2/18/2009 UNSHADED ZONE X - AREAS DETERMINED TO BE OUTSIDE THE 0.2 PERCENT ANNUAL FLOOD CHANCE FLOODPLAIN.

BENCHMARK:
JORDAN RANCH SC2: BENCHMARKS SHOWN HEREON REFERENCED TO HARRIS COUNTY FLOODPLAIN MARKER NO. 190073R. FROM THE INTERSECTION OF FROM I-10(WEST) AND PEDERSON RD. GO SOUTH ON TEXAS HERITAGE PARKWAY, GO SOUTH ON TEXAS HERITAGE PARKWAY 0.36 MILES TO THE BRIDGE OVER WILLOW FORK.

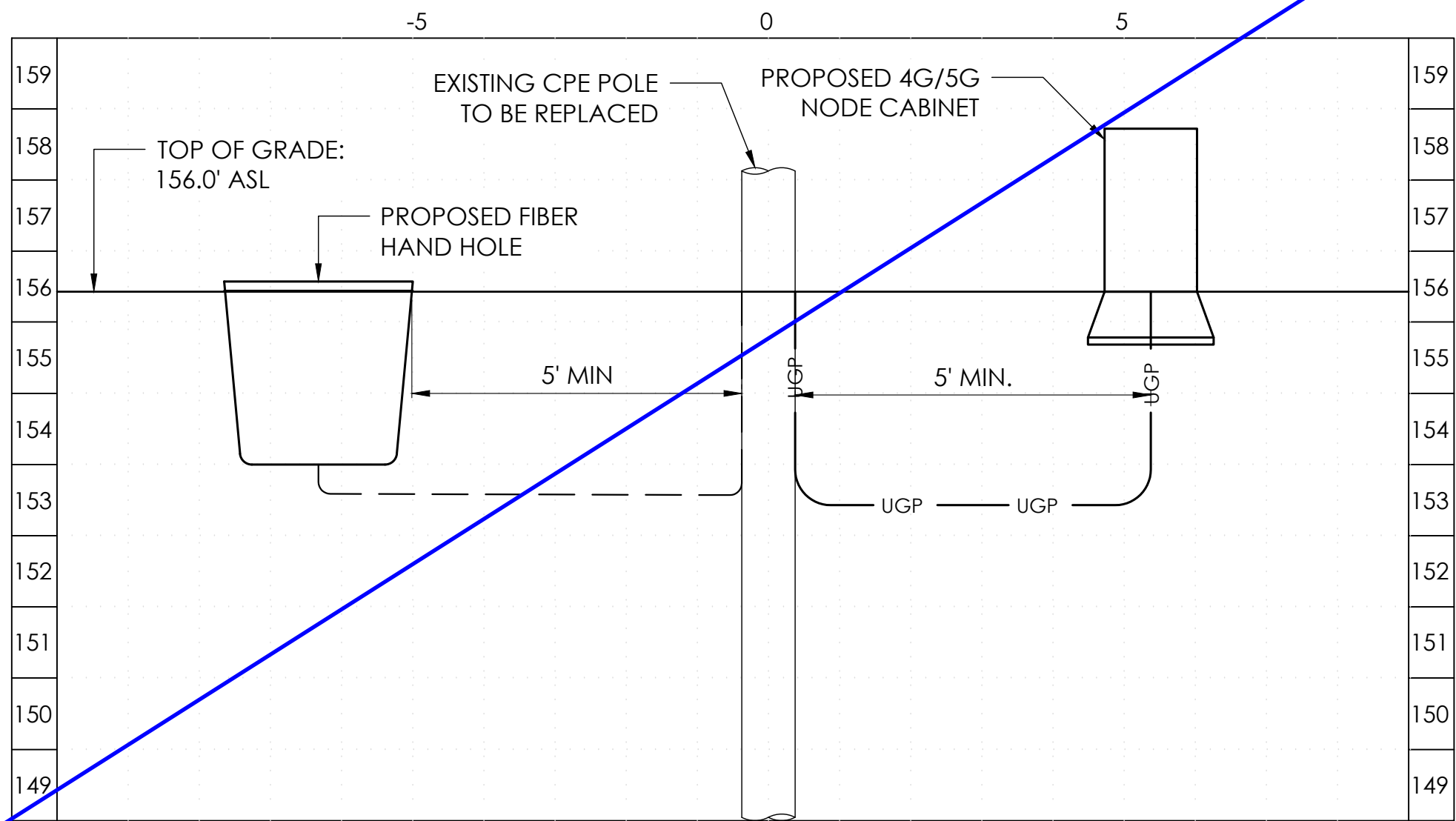
NOTE:
THIS IS NOT A SITE SURVEY: ALL PROPERTY BOUNDARIES, ORIENTATION OF TRUE NORTH AND STREET HALF-WIDTHS HAVE BEEN OBTAINED FROM A TAX PARCEL MAP AND ARE APPROXIMATE. ALL NEW ACCESS, UTILITY EASEMENTS AND NEW LEASE AREAS ARE APPROXIMATE.

NOTE:
ALL EXISTING LANDSCAPING AND OR PRIVATE UTILITIES AFFECTED BY CONSTRUCTION TO BE RESTORED TO ORIGINAL STATE UPON COMPLETION

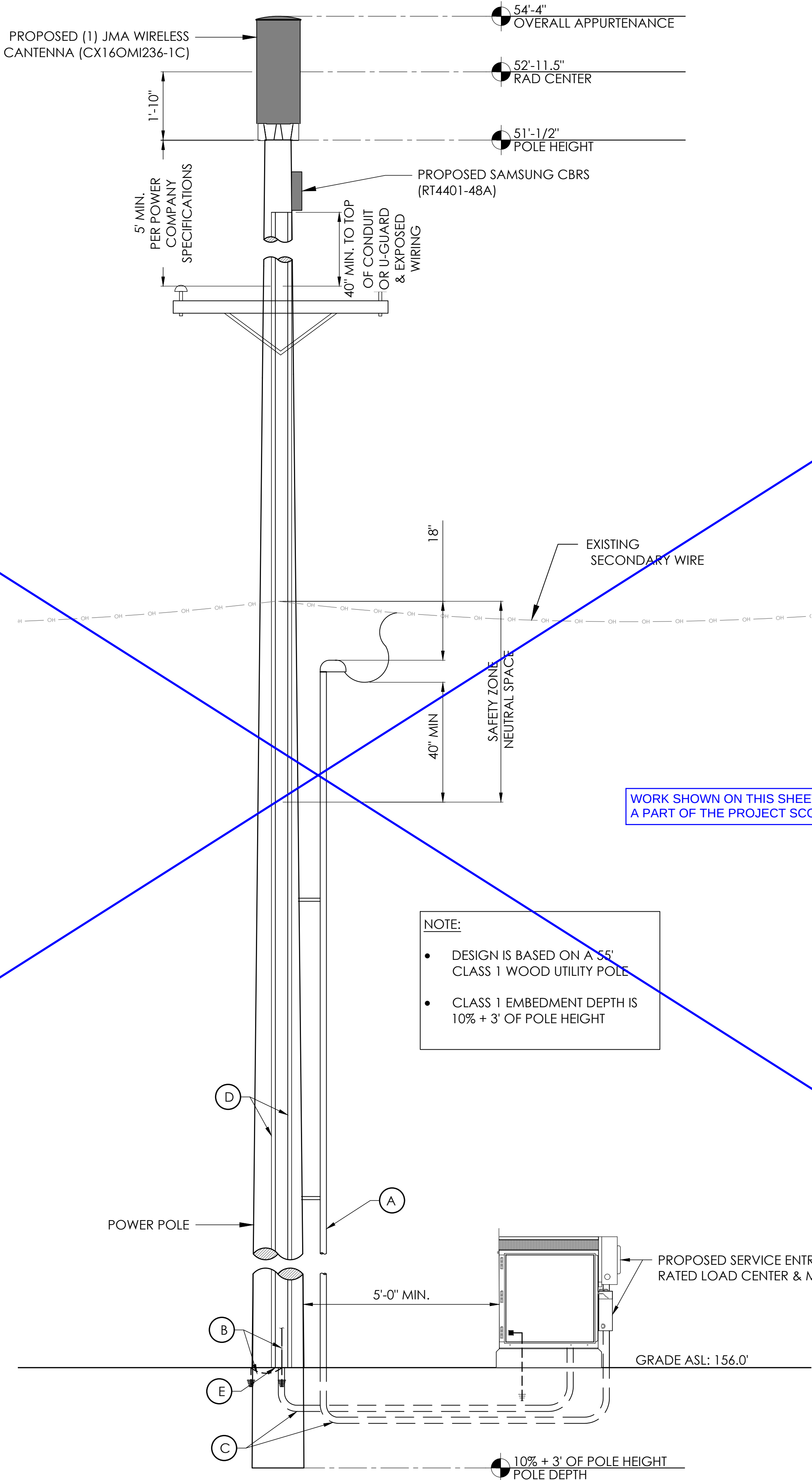
NODE INFORMATION:
LATITUDE/LONGITUDE: 29.769451, -95.902189
E911 ADDRESS: 30631 KINGSLAND BLVD.
CITY: BROOKSHIRE
ZIP CODE: 77423
KEY MAP: 482H



JORDAN RANCH SC2 SITE PLAN
1"=20'-0" (FULL SIZE)
1"=40'-0" (11x17)



JORDAN RANCH SC2 PROFILE
1"=2'-0" (FULL SIZE)
1"=4'-0" (11x17)



JORDAN RANCH SC2 ELEVATION VIEW
NOT TO SCALE

KEY NOTES:

- (A) PROPOSED SUPPLY CONDUCTOR IN MAX 3" SCH. 40 PVC CONDUIT TO METER & DISCONNECT.
- (B) PROPOSED #2 GROUNDING CONDUCTOR FROM POLE TOP TO GROUND ROD. ROUTE IN SHARED U-GUARD OR SCH. 80 PVC CONDUIT. BOND COMMUNICATION GROUNDING CONDUCTOR AND POWER COMPANY POLE GROUND TOGETHER AT BASE OF POLE.
- (C) PROPOSED APPROPRIATELY SIZED SCH. 80 PVC CONDUIT FOR FIBER AND DC POWER ROUTE FROM GROUND EQUIPMENT TO ANTENNAS AND RADIOS
- (D) PROPOSED APPROPRIATELY SIZED SHARED U-GUARD OR SCH. 80 PVC CONDUIT FOR PROPOSED GROUND WIRES, FIBER, COAX, AND DC POWER CABLES.
- (E) FOUNDATION: COMPACTED CEMENT, STABILIZED SAND, OR OTHER CPE APPROVED FOUNDATION.

INSTALLATION NOTE:
- POLE SELECTED FOR EQUIPMENT INSTALLATION SHALL BE TRUCK ACCESSIBLE AT ALL TIMES.
- COMMUNICATION EQUIPMENT SHALL BE ARRANGED AND MOUNTED TO PROVIDE OTHER UTILITIES CLEAR CLIMBING SPACE TO THEIR EQUIPMENT ON THE POLE, PER NESC 236D
- ALL INSTALLATIONS SHALL COMPLY WITH THE CURRENT PUBLISHED ISSUES OF THE NATIONAL ELECTRICAL SAFETY CODE (NESC), AND POLE ATTACHMENT STANDARDS FOR POLE OWNER.

WORK SHOWN ON THIS SHEET NO LONGER A PART OF THE PROJECT SCOPE-OF-WORK

NOTE:
• DESIGN IS BASED ON A 55' CLASS 1 WOOD UTILITY POLE
• CLASS 1 EMBEDMENT DEPTH IS 10% + 3' OF POLE HEIGHT

AZIMUTHS
(FOR CONSTRUCTION USE ONLY)



SITE PHOTO
(FOR CONSTRUCTION USE ONLY)

verizon

PM&A
P. MARSHALL & ASSOCIATES

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SITES

NO.	DATE	REVISIONS
0	04/04/23	1ST SUBMITTAL



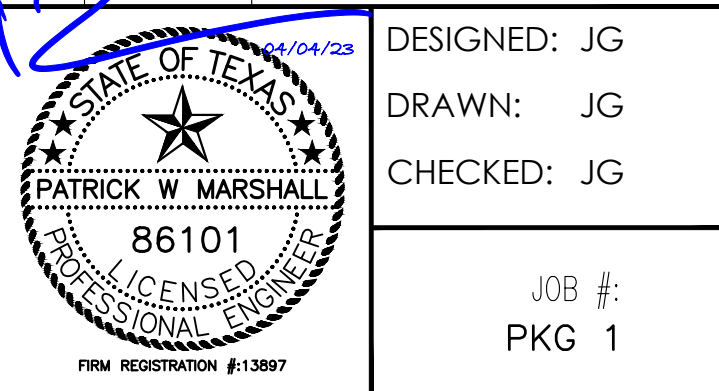
DESIGNED: JG
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CHECKED: JG

JOB #:
JORDAN RANCH SC2

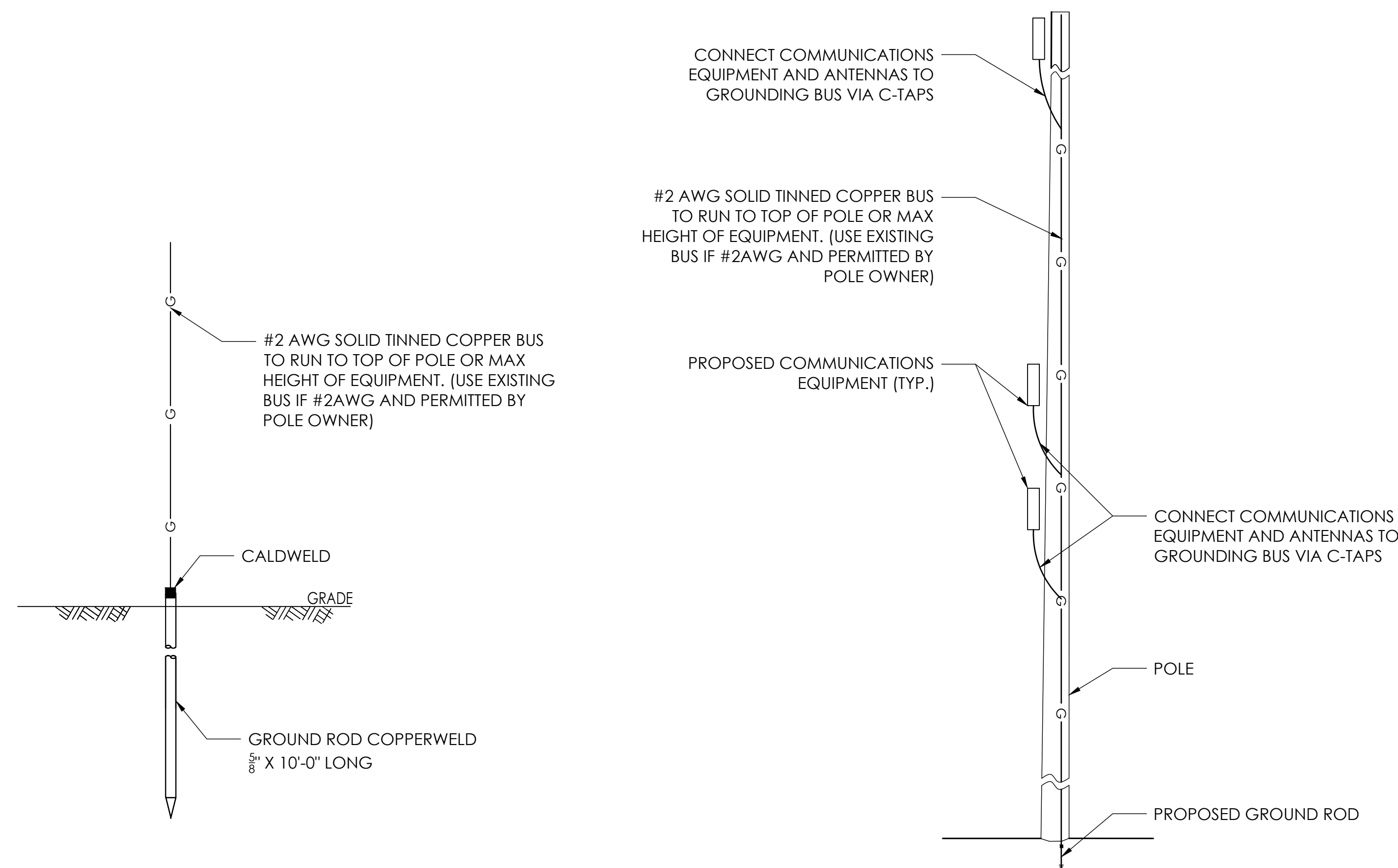
JORDAN
RANCH SC2



VERIZON
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GROUNDING

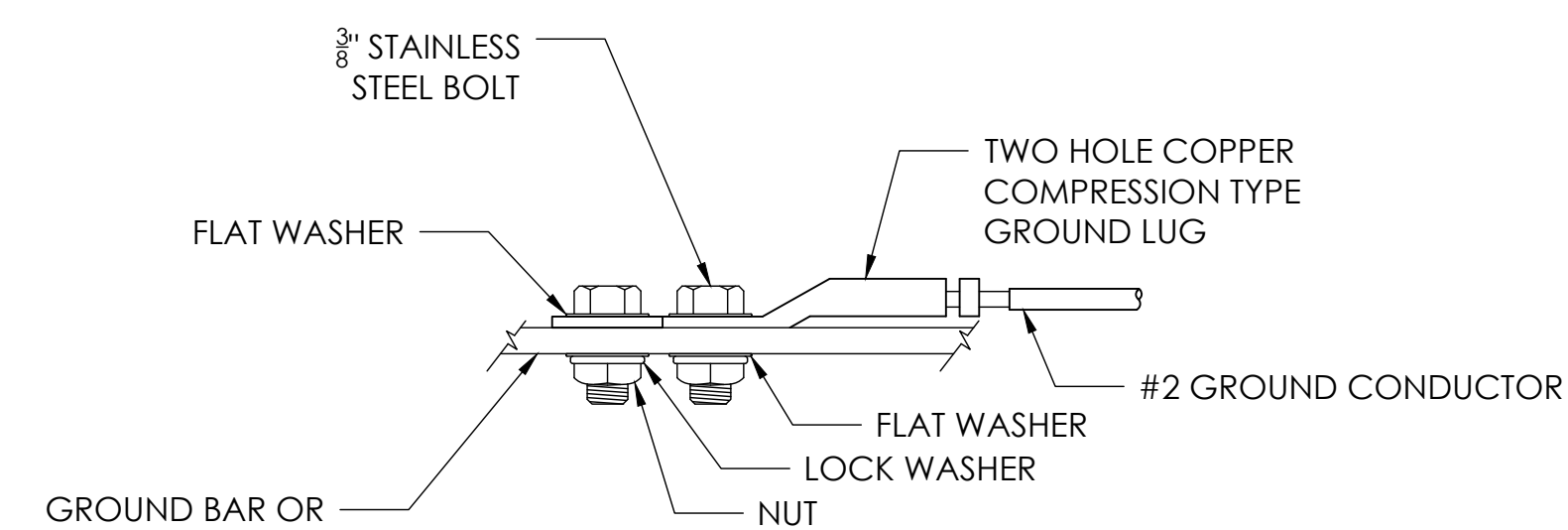


GROUND ROD AND BUS DETAIL

SCALE: N.T.S.

POLE BUS GROUNDING DETAIL

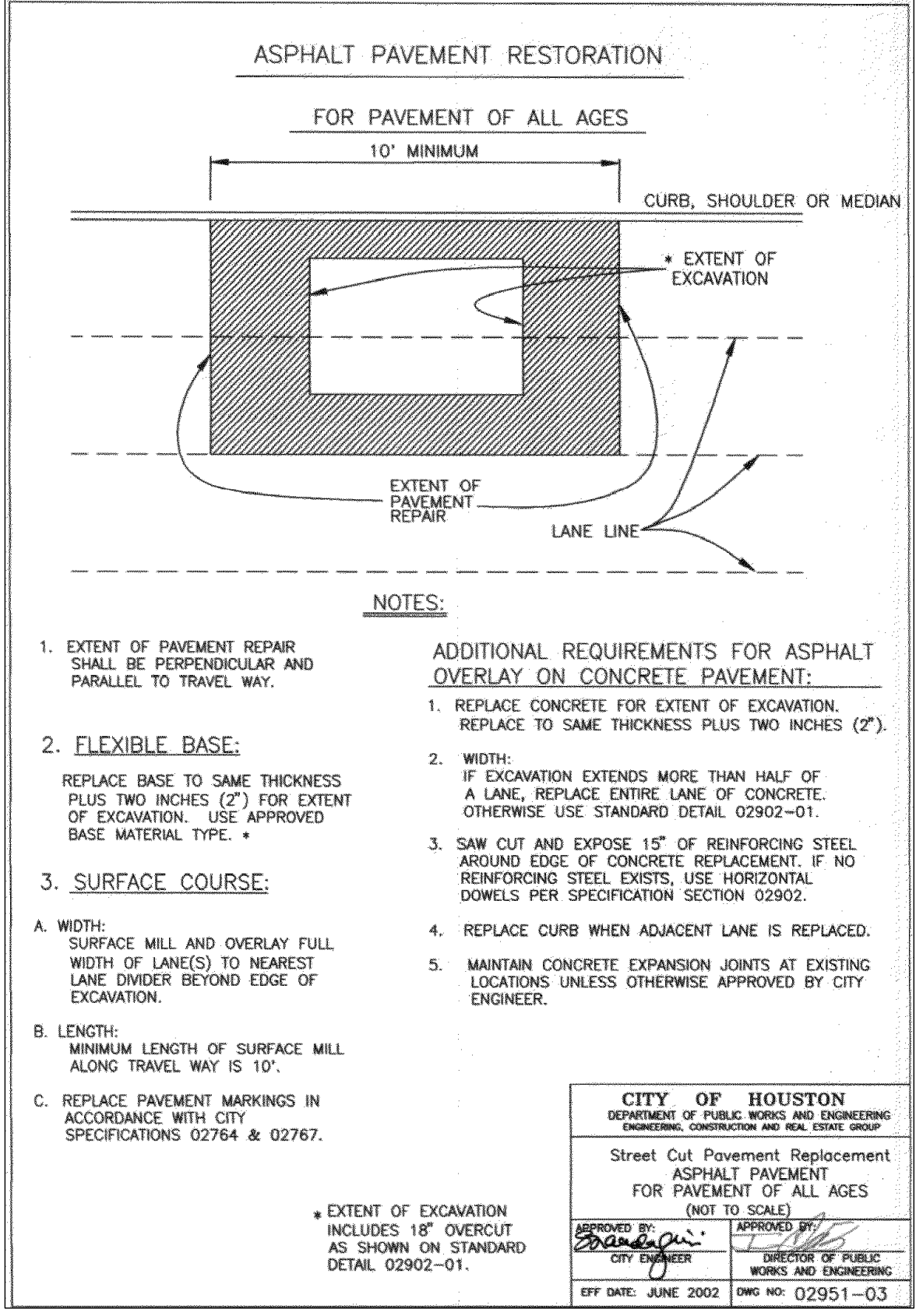
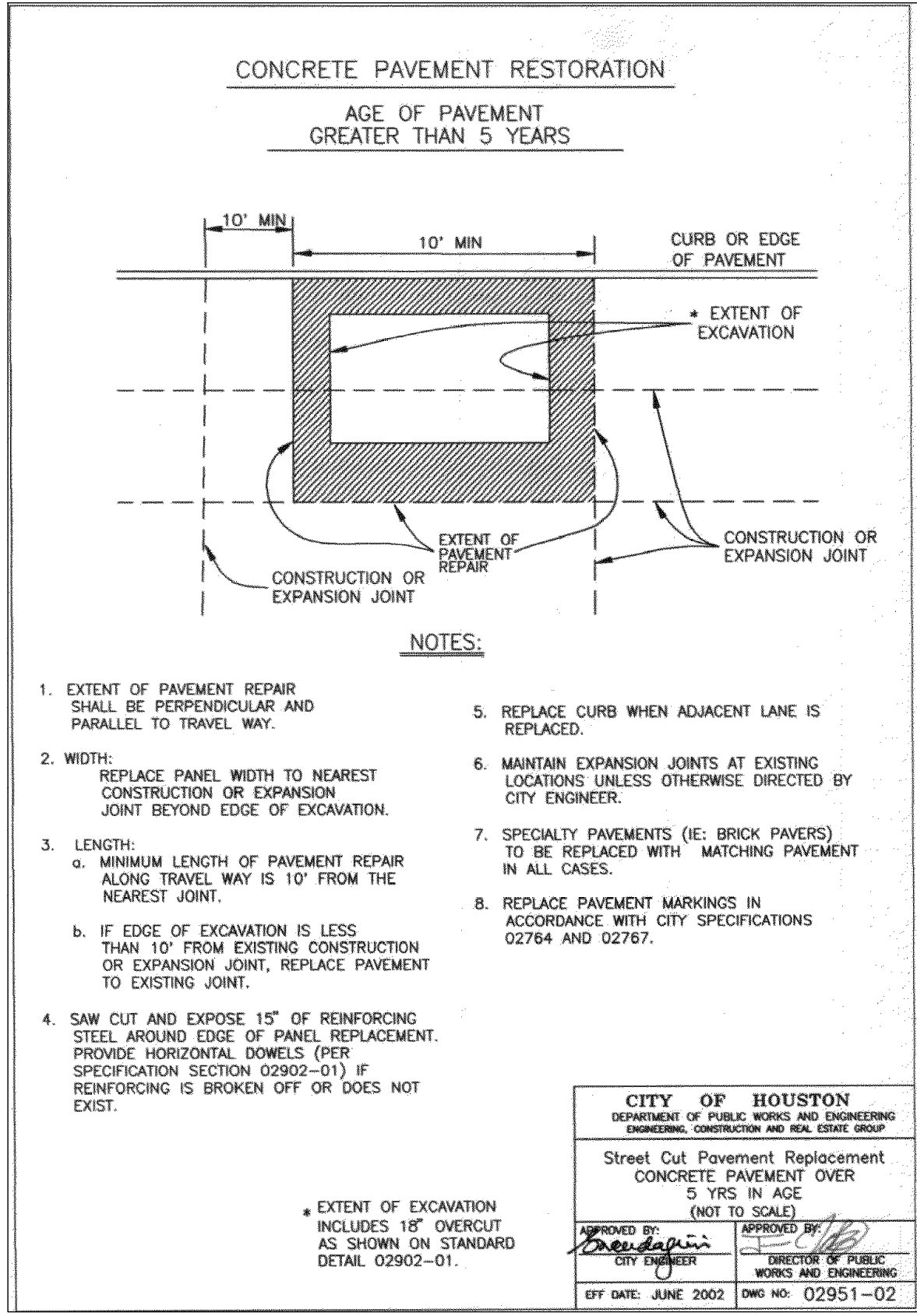
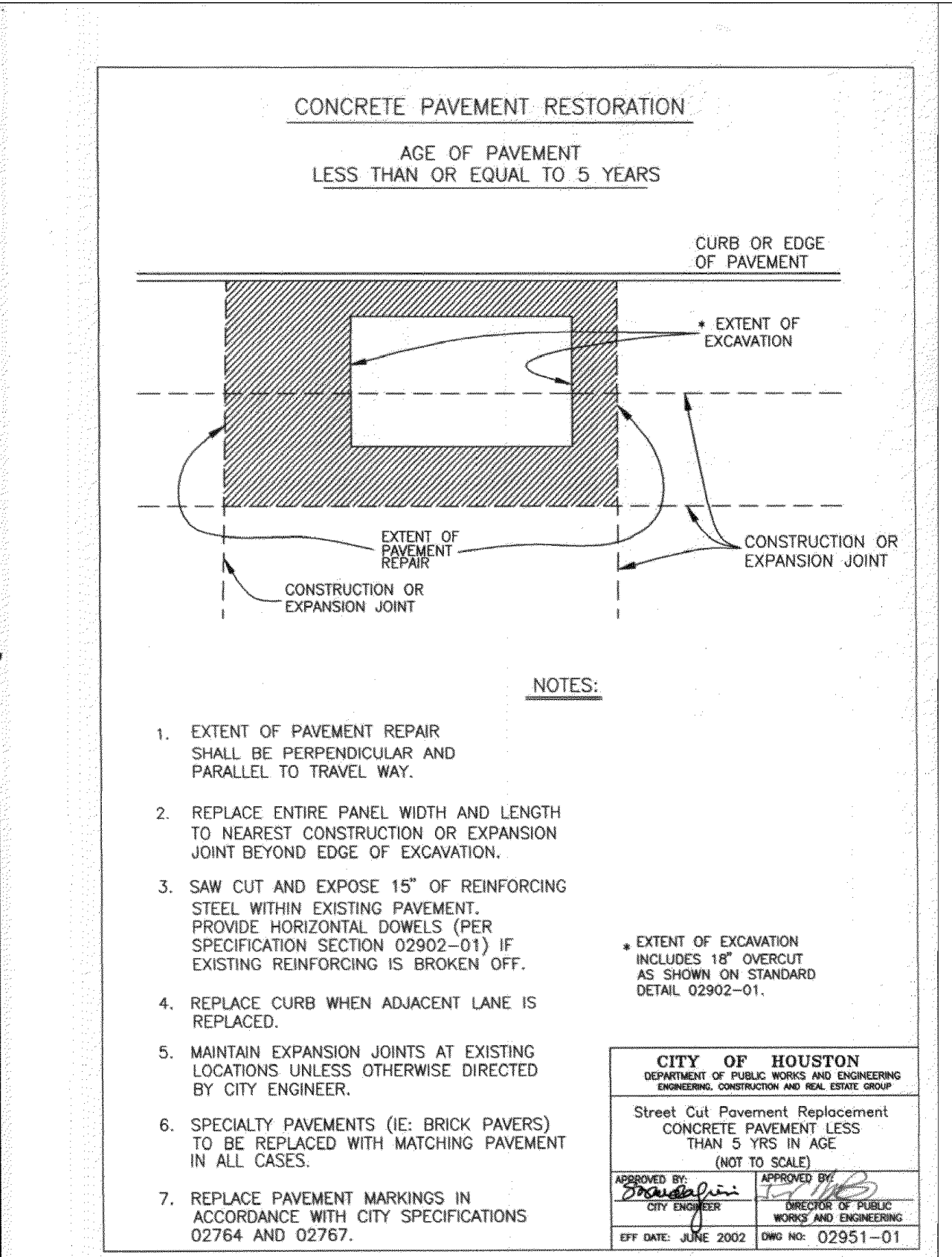
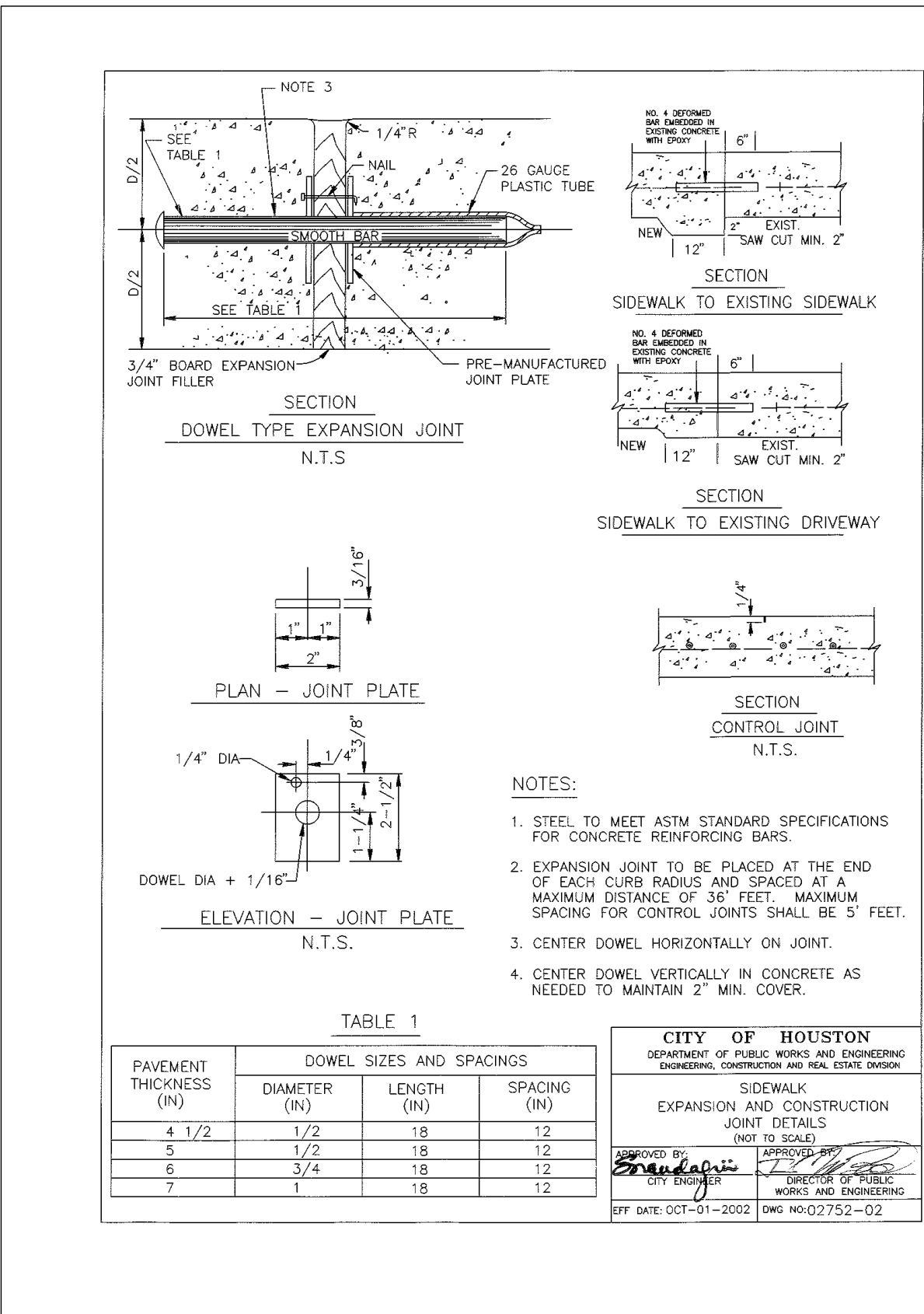
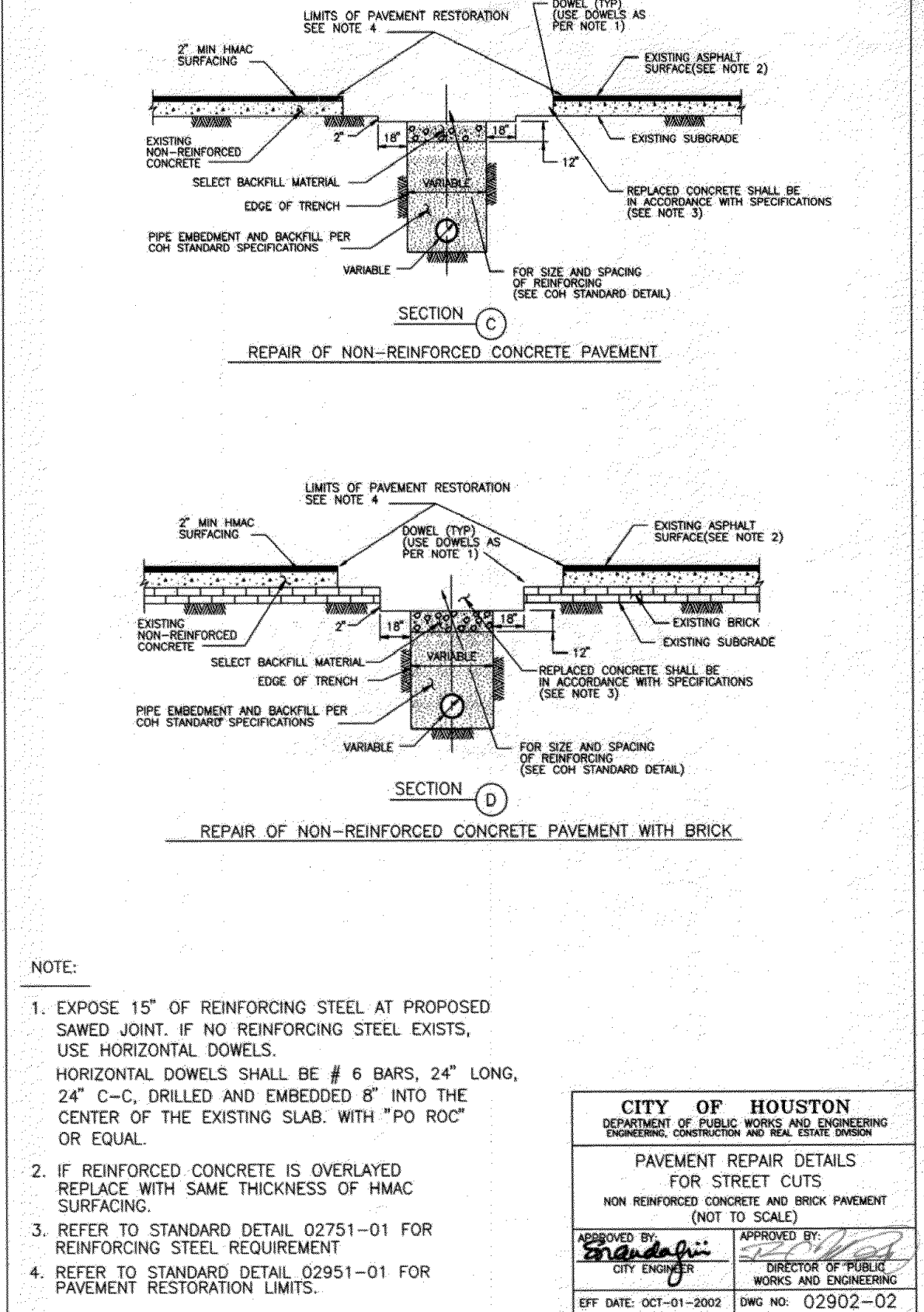
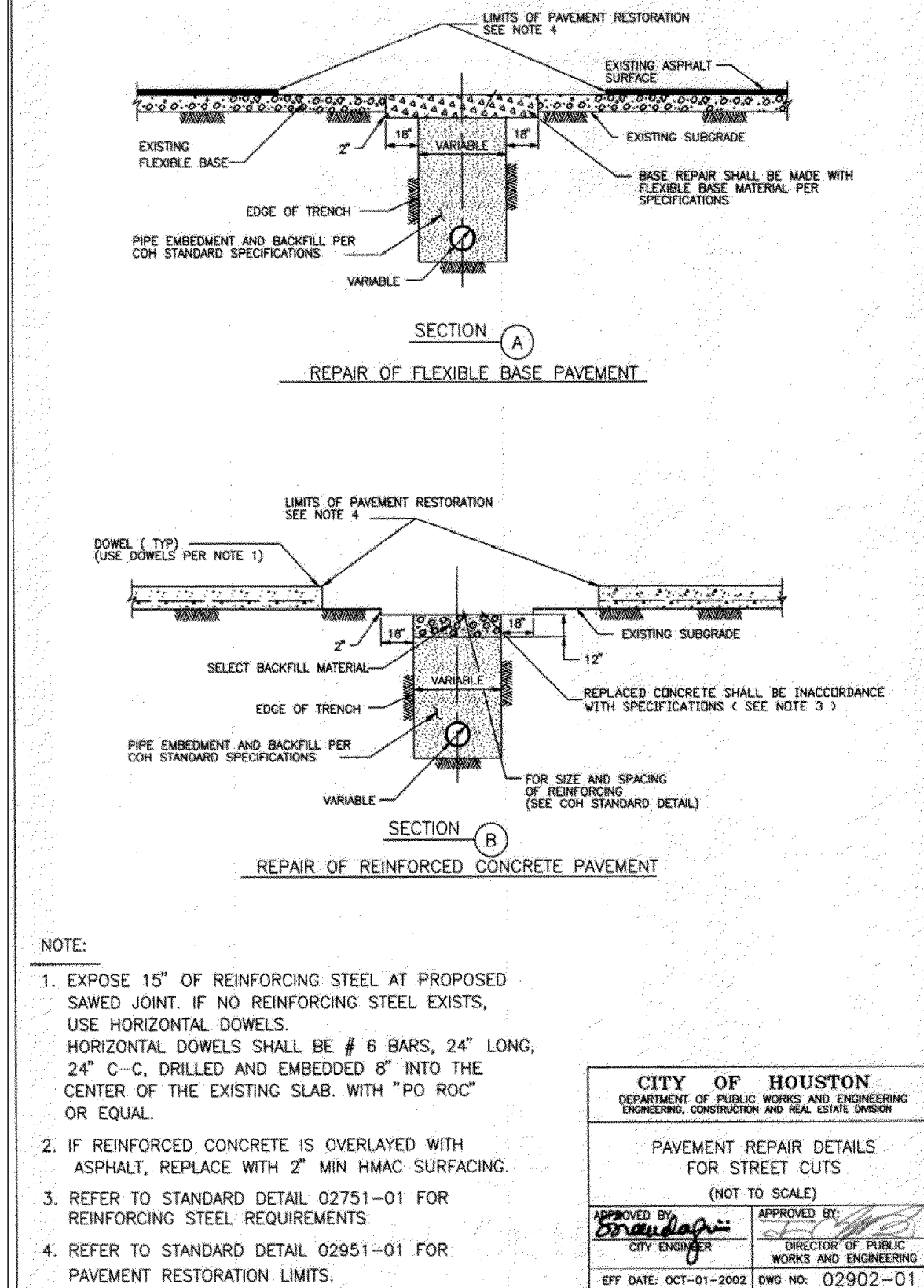
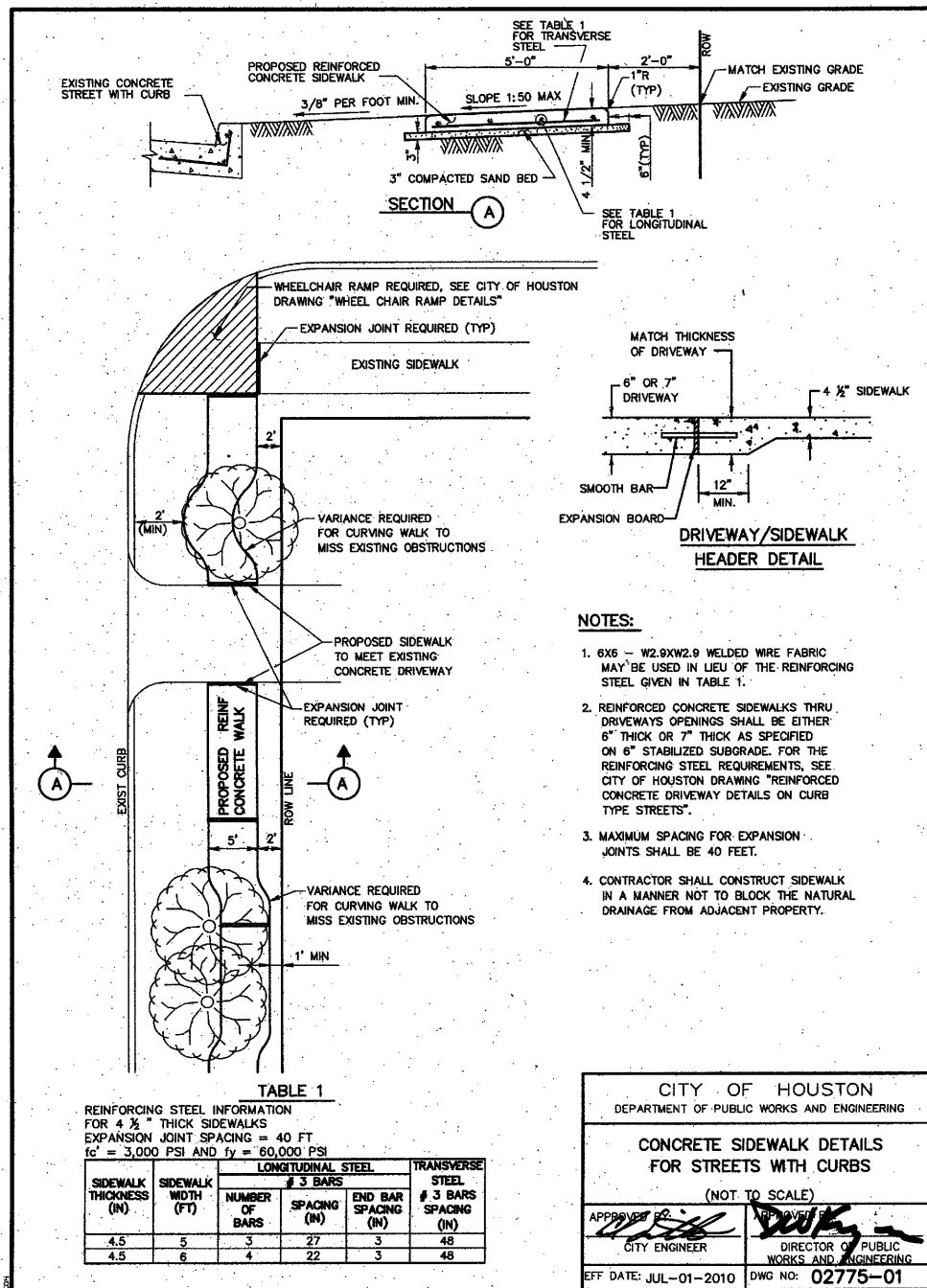
SCALE: N.T.S.



MECHANICAL GROUND CONNECTION

SCALE: N.T.S.

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SITES



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Table 6H-2. Meaning of Symbols on Typical Application Diagrams

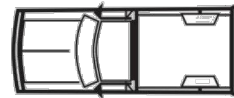
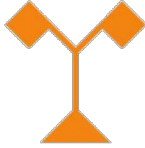
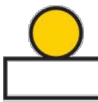
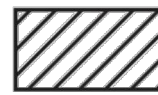
	Arrow board		Shadow vehicle
	Arrow board support or trailer (shown facing down)		Sign (shown facing left)
	Changeable message sign or support trailer		Surveyor
	Channelizing device		Temporary barrier
	Crash cushion		Temporary barrier with warning light
	Direction of temporary traffic detour		Traffic or pedestrian signal
	Direction of traffic		Truck-mounted attenuator
	Flagger		Type 3 barricade
	High-level warning device (Flag tree)		Warning light
	Longitudinal channelizing device		Work space
	Luminaire		Work vehicle
	Pavement markings that should be removed for a long-term project		

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* Speed category to be determined by highway agency

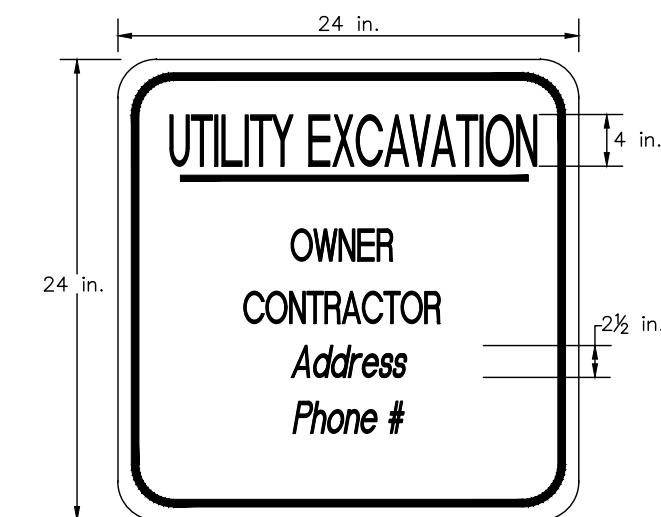
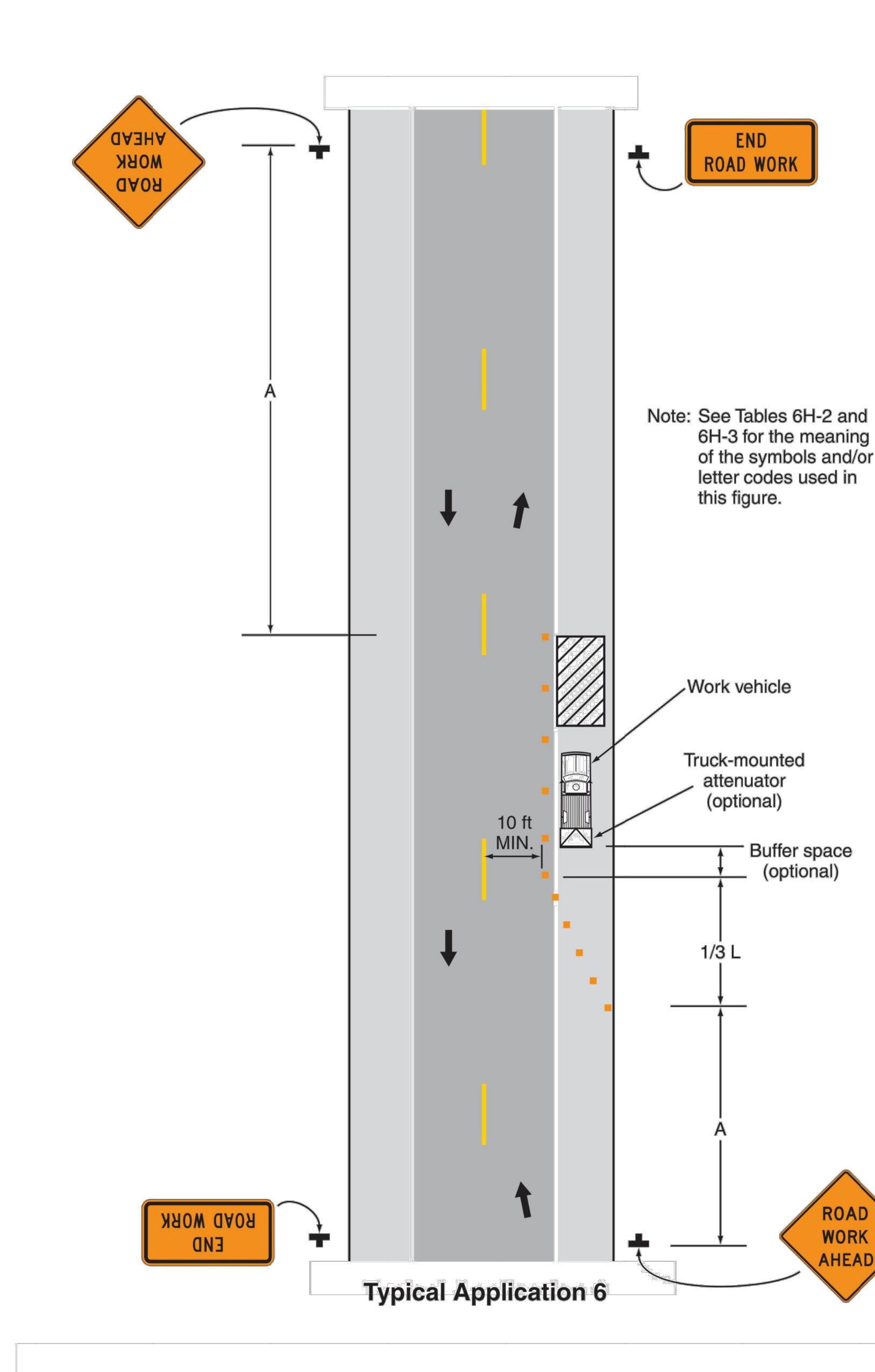
** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)



THE CONTRACTOR TO PLACE SIGNS PRIOR TO BEGINNING CONSTRUCTION AT THE BEGINNING AND END OF THE PROJECT LIMITS AND AT THE INTERSECTIONS. THE SIGNS ARE TO REMAIN UP 24 HOURS A DAY UNTIL THE UTILITY CONSTRUCTION AND THE PAVEMENT RESTORATION IS COMPLETE.

The Verizon logo, consisting of the word "verizon" in a bold, black, sans-serif font, with a red checkmark symbol integrated into the top of the letter "n".

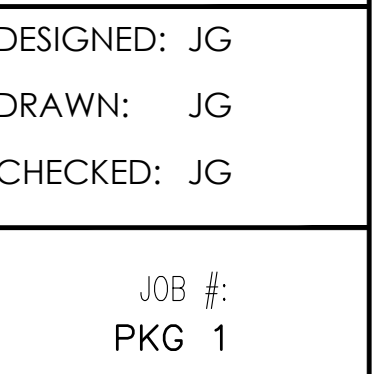
VERIZON
SMALL CELL NODE
CONSTRUCTION PLANS FOR
PROPOSED ANTENNA
SITES

[illegible]

DESIGNED: JG
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TCP

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10 OF 10

