

**ADMINISTRATIVE AMENDMENT**

**FILE #** <sup>SI-2020</sup>  -00081   **PROJECT #** <sup>PR-2020</sup>  -003561  

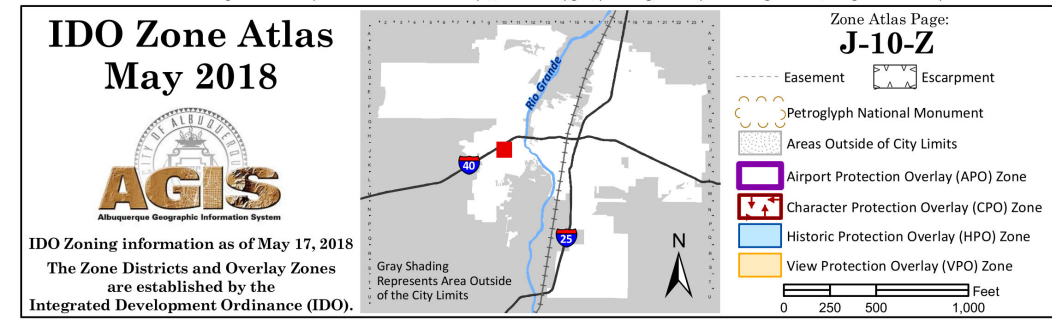
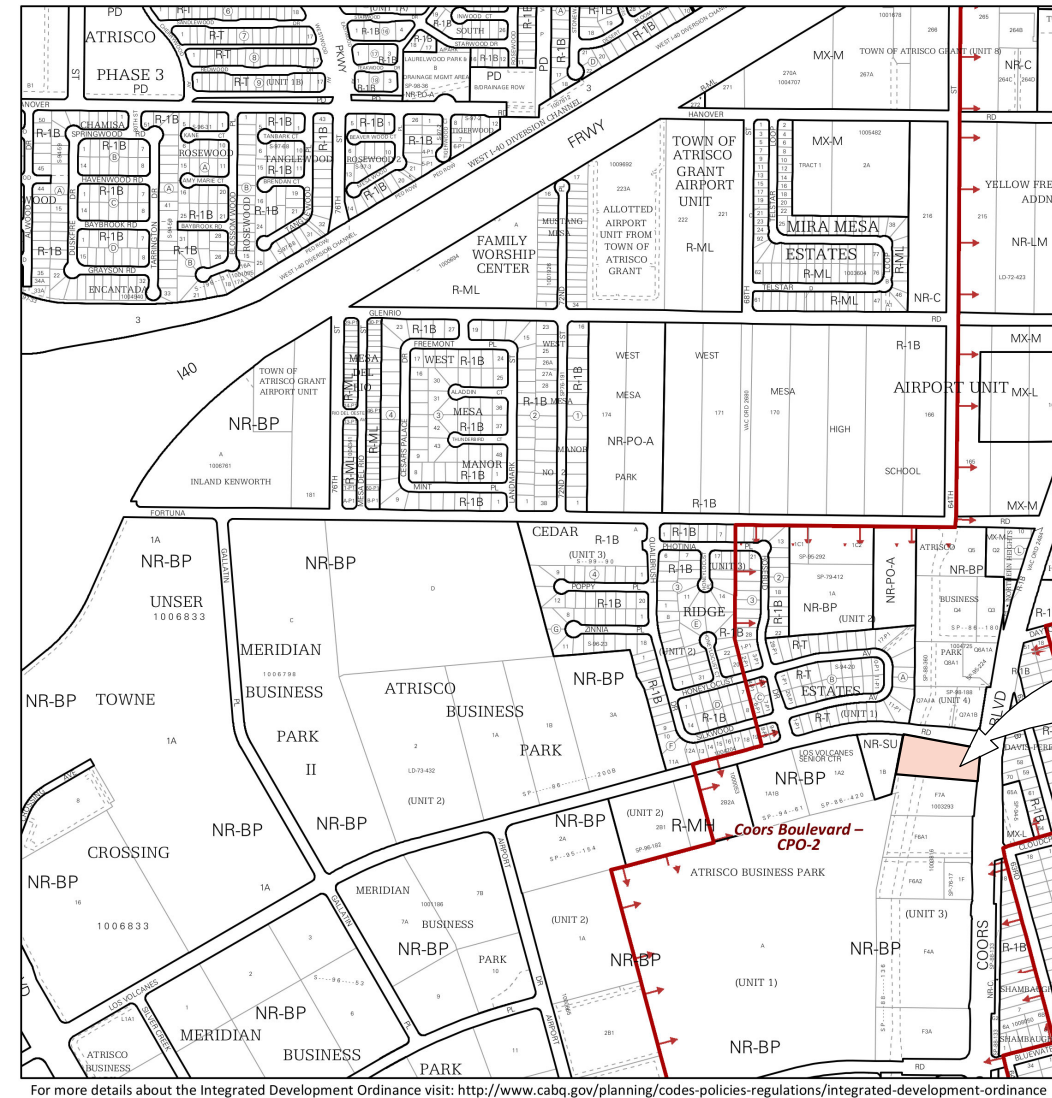
Two new drive-up ATMs and associated  
circulation improvements.

**RBrito** Digitally signed by RBrito  
DN: cn=RBrito, ou=CABQ Planning Dept,  
ou=UD&D, email=rbrito@cabq.gov, c=US  
Date: 2020.04.21 15:54:42 -0600 **21 Apr 2020**

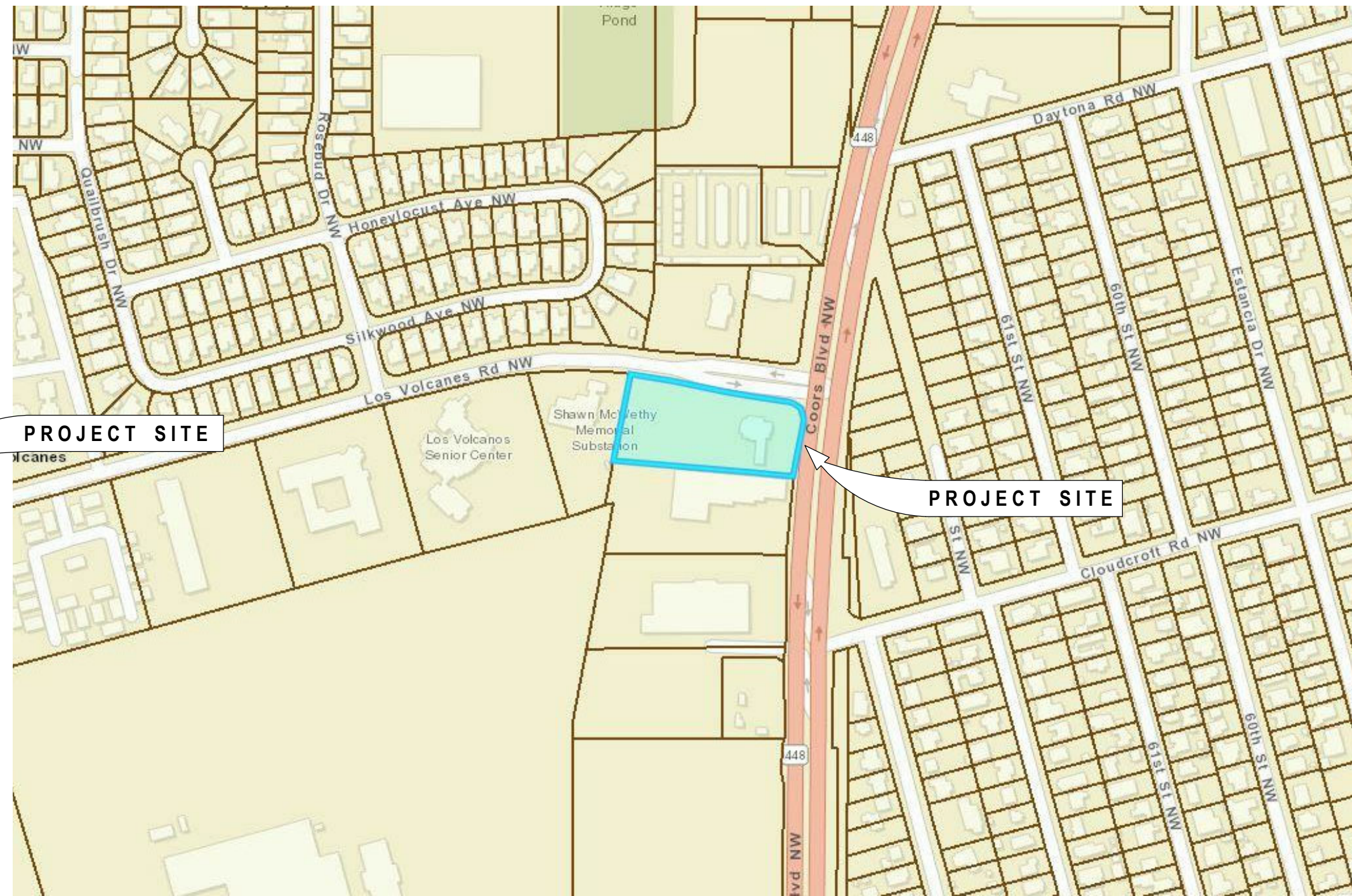
**APPROVED BY** **DATE**



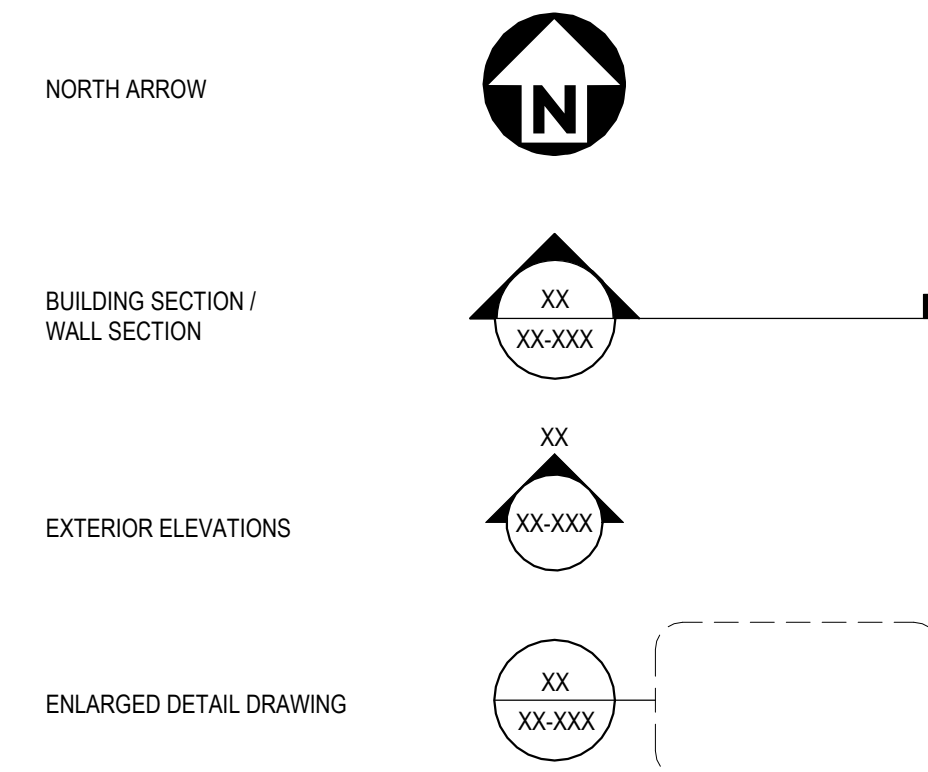
**ZONE ATLAS**



**PARCEL MAP**



**GENERAL SYMBOLS LEGEND**



**DRAWING INDEX**

GENERAL	PROJECT LOCATION, DRAWING INDEX, SYMBOLS
ARCHITECTURE	
A101	SITE PLAN
A102	ENLARGED SITE PLAN AND KIOSK PLAN
A103	GENERAL DETAILS
D101	SIGN ENGINEER DETAILS
D102	ACCESSIBLE SPECIFICATIONS AND MANUFACTURER DETAILS

**PROJECT TEAM**

OWNER	CU ATM SERVICES, LLC / CU ANYTIME, LLC 3121 CARLISLE BLVD NE ALBUQUERQUE, NM 87110 (505) 346-2058
ARCHITECT	FORMATIVE ARCHITECTURE 209 GOLD AVENUE SW ALBUQUERQUE, NM, 87102 (505) 510-4600

**GENERAL NOTES**

- CONTRACTORS SUBMITTING PROPOSALS FOR THIS WORK SHALL FIRST EXAMINE THE SITE AND BECOME FAMILIAR WITH ALL CONDITIONS THEREON. ALL PROPOSALS SHALL TAKE INTO CONSIDERATION ALL SUCH AS MAY AFFECT THE WORK UNDER THIS CONTRACT.
- STATED DIMENSIONS SHALL TAKE PRECEDENCE OVER GRAPHICS. DO NOT SCALE THESE DRAWINGS. THE DESIGNER SHALL BE NOTIFIED IF ANY DISCREPANCIES OCCUR PRIOR TO CONTINUING WORK.
- GENERAL CONTRACTOR SHALL OBTAIN APPROVALS, INSPECTIONS, CERTIFICATE OF OCCUPANCY AS REQUIRED, UNLESS NOTED OTHERWISE.
- ALL GRADES, LINES AND BENCH MARKS FOR THE NEW CONSTRUCTION SHALL BE ESTABLISHED AND MAINTAINED BY THE CONTRACTOR, WHO SHALL BE RESPONSIBLE FOR THE SAME.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND REQUIREMENTS OF CONSTRUCTION.
- THE DESIGNER DOES NOT ASSUME RESPONSIBILITY FOR JOB SITE SAFETY FOR ANY PERSONS INCLUDING WORKMEN, VISITORS OR ANY ENTITY WHICH MAY ENTER ONTO THE SITE.
- CONTRACTOR'S CHOICE AS TO THE MEANS OF CONSTRUCTION, THE SEQUENCE OF CONSTRUCTION, AND SAFETY PRECAUTIONS INCIDENT THERETO, ARE NOT PART OF THE DESIGNER'S RESPONSIBILITY.
- THE CONTRACTOR SHALL VERIFY DRAWING DIMENSIONS AGAINST ACTUAL SITE CONDITIONS AND BOUNDARIES AND SHALL NOTIFY THE DESIGNER OF ANY AREAS WHICH WOULD DIFFER FROM THE INTENT OF THE DRAWINGS, OR THAT SHOW DISCREPANCY BETWEEN SECTIONS OF THE DRAWINGS AND/OR ACTUAL SITE CONDITIONS PRIOR TO CONSTRUCTION. IN THE EVENT OF THE CONTRACTOR'S FAILURE TO GIVE SUCH NOTICE, HE WILL BE HELD RESPONSIBLE FOR THE RESULTS OF COST RECTIFYING THE SAME.
- DETAILS ARE INTENDED TO SHOW METHOD AND MANNER OF ACCOMPLISHING THE WORK. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB REQUIREMENTS OR CONDITIONS AND SHALL BE INCLUDED AS PART OF WORK.
- WORK NOT EXPLICIT IN THE DRAWINGS BUT CLEARLY IMPLIED AS NECESSARY TO COMPLETE THE PROJECT SHALL BE INCLUDED AS FULLY DRAWN.
- NO GUARANTEE FOR QUALITY OF CONSTRUCTION IS IMPLIED OR INTENDED BY THESE DRAWINGS. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY CONSTRUCTION DEFICIENCIES.
- DESIGNER WILL NOT BE RESPONSIBLE FOR CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- DESIGNER WILL NOT HAVE CONTROL OR CHARGE OF AND WILL NOT BE RESPONSIBLE FOR ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, THEIR AGENTS OR EMPLOYEES OR ANY OTHER PERSONS PERFORMING PORTIONS OF THE WORK.
- AFTER JOB COMPLETION, SITE SHALL BE SWEEP CLEAN, AND ALL SURFACES SHALL BE CLEANED. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL CONSTRUCTION DEBRIS.
- MOISTURE PROTECTION DURING CONSTRUCTION IS THE CONTRACTOR'S RESPONSIBILITY. SHOULD ANY SPECIAL SITUATIONS OR CLIMATIC CONDITIONS OCCUR DURING CONSTRUCTION, THE CONTRACTOR SHALL IMPLEMENT MEASURES REQUIRED TO ASSURE THE PROTECTION OF ALL MATERIALS AND ASSEMBLIES.
- ALL WORK SHALL BE DONE TO IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES.
- GC SHALL NOTIFY THE DESIGNER OF ANY DISCREPANCIES, OMISSIONS, AND/OR DIMENSIONAL ERRORS PRIOR TO THE START OF CONSTRUCTION.
- ALL MATERIALS, PRODUCTS, AND EQUIPMENT SHALL BE INSTALLED PER ALL MANUFACTURER RECOMMENDATIONS. IN THE EVENT THAT THESE DRAWINGS CONTRADICT MEANS, METHODS, OR CONFIGURATIONS REQUIRED BY THE MANUFACTURER, NOTIFY THE DESIGNER PRIOR TO INSTALLATION.
- ALL VEGETATION ON SITE WILL BE PRESERVED TO THE GREATEST EXTENT POSSIBLE.
- ACCESS TO SITE WILL BE THROUGH DESIGNATED AREAS ONLY.
- ALL CONCRETE WORK SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE.

**PROJECT DATA**

PROJECT NAME:	CU ANYTIME ATM @ RIO GRANDE CREDIT UNION
PROJECT ADDRESS:	485 COORS BLVD NW ALBUQUERQUE, NM 87121 101005847812340608
UPC:	RIO GRANDE CREDIT UNION
PROJECT PROPERTY OWNER:	1401 SAN PEDRO NE ALBUQUERQUE, NM, 87110
OWNER ADDRESS:	TR P-1 CORRECTED PLAT OF ATRISCO BUSINESS PARK UNIT 3 A REPL OF TRS E & F ATRISCO BUSINESS PARK UNIT 1 & TRS O & P ATRISCO BUSINESS PARK UNIT 2 CONT 85,260 SQ FT OR 1.9573 AC MIL 1.9573
LEGAL DESCRIPTION:	NR-BP NON-RESIDENTIAL - BUSINESS PARK J-10-Z
ACRES:	
ZONE DISTRICT:	
DESIGNATION:	
ATLAS PG:	

**APPLICABLE CODES**

- 2015 INTERNATIONAL BUILDING CODE (IBC)
  - 2012 UNIFORM PLUMBING CODE (UPC)
  - 2012 UNIFORM MECHANICAL CODE (UMC)
  - 2014 NATIONAL ELECTRICAL CODE (NEC)
  - 2009 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
  - ICC/ANSI A117.1 - 2009, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
- IN ADDITION TO THE ABOVE REFERENCED CODES, CONSTRUCTION IS SUBJECT TO STATE AND LOCAL AMENDMENTS.

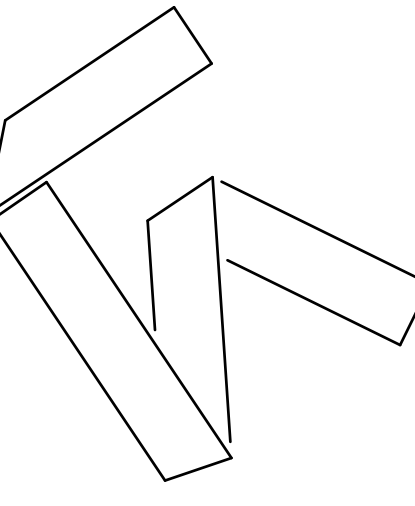
**PROJECT OVERVIEW**

PROVIDE A NEW DRIVE AISLE, (2) TWO NEW ATM KIOSKS AND ASSOCIATED WORK

**SCOPE OF WORK**

- INSTALL (2) NEW ATM KIOSKS
- EXTEND ELECTRICAL TO NEW KIOSKS
- PROVIDE NEW DRIVE AISLES
- PAINT NEW DIRECTIONAL PAVEMENT MARKINGS
- INSTALL NEW BOLLARDS

**PROPOSED RENDERING**



**FORMATIVE ARCHITECTURE**  
209 GOLD AVENUE SW  
ALBUQUERQUE, NM 87102  
(505) 510-4600 | formativearchitecture.com



PROJECT ADDRESS

**CU ANYTIME ATM @ RIO GRANDE CREDIT UNION**  
485 COORS BLVD NW  
ALBUQUERQUE, NM 87121

**CONSTRUCTION DOCUMENTS**

REVISIONS

△	
△	
△	
△	
△	
△	

DRAWN BY	NW
REVIEWED BY	OK
DATE	03/26/2020
PROJECT NO	#20-0003

DRAWING NAME  
PROJECT LOCATION, DRAWING INDEX, SYMBOLS

SHEET NO  
**GI000**

**CU ANYTIME ATM @**  
**485 COORS BLVD NW**









**GENERAL SHEET NOTES**

- A. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AS SOON AS POSSIBLE TO RESOLVE THE CONFLICT WITH A MINIMUM AMOUNT OF DELAY.
- B. ALL WORK ON THIS PLAN SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- C. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO THE PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AND BY WETTING THE SOIL TO KEEP IT FROM BLOWING.
- D. THE CONTRACTOR SHALL OBTAIN ANY AND ALL PERMITS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE COMPLETION OF THE WORK PRIOR TO BEGINNING CONSTRUCTION.
- E. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN APPROXIMATE LOCATIONS ONLY, AND LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE UTILITY OWNER OR FROM EXISTING PLANS, AND THIS INFORMATION MAY BE INCOMPLETE, OR OBSOLETE AT THE TIME OF CONSTRUCTION. THE DESIGN PROFESSIONAL HAS NOT UNDERTAKEN ANY FIELD VERIFICATION OF THESE LOCATIONS, LINES SIZES OR MATERIAL TYPE, MAKES NO REPRESENTATION THEREOF, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE OR UNDERGROUND INSTALLATION IN OR NEAR THE AREA IN ADVANCE OF AND DURING ANY EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES AND UNDERGROUND FACILITIES. IN PLANNING AND CONDUCTING EXCAVATIONS, THE CONTRACTOR SHALL COMPLY WITH ALL STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.

**SUBGRADE PREPARATION NOTES**

CLEARING AND GRUBBING WILL BE REQUIRED FOR ALL AREAS SHOWN ON THE PLANS TO BE EXCAVATED OR ON WHICH FILL IS TO BE CONSTRUCTED. ALL VEGETATION, ORGANIC MATERIAL, AND INCIDENTAL TOPSOIL SHALL BE REMOVED BENEATH A FILL AREA. ANY REMOVED TOPSOIL MAY BE STOCKPILED AND LATER USED IN THE TOP 6 INCHES OF FILLS OUTSIDE PAVED AREAS.

EXCAVATION CONSISTS OF REMOVAL AND DISPOSAL OF ALL MATERIALS ENCOUNTERED TO OBTAIN THE REQUIRED ELEVATIONS. EXCAVATIONS SHALL BE MADE TO THE PROPER DEPTH, WITH ALLOWANCES MADE FOR CLEARANCES TO INSTALL SERVICES AND FORMS. CUTS SHALL BE ACCURATELY SHAPED TO THE CROSS-SECTIONS AND GRADES INDICATED. EXCESS MATERIAL FROM EXCAVATIONS WHICH IS NOT REQUIRED FOR FILL OR BACKFILL SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OFF-SITE.

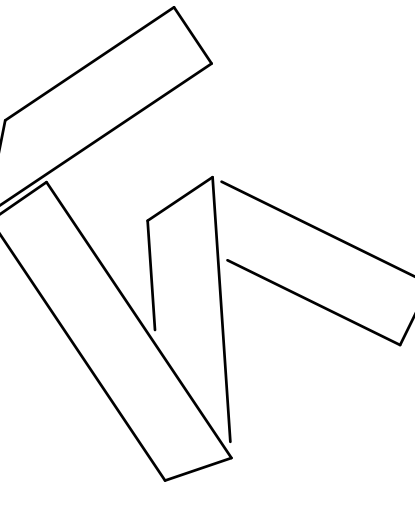
PERFORM THE COMPACTION OF SOIL MATERIALS USING SUITABLE SOIL COMPACTION EQUIPMENT FOR THE MATERIALS TO BE COMPACTED AND THE WORK AREA LOCATIONS. CONTROL SOIL COMPACTION DURING CONSTRUCTION FOR COMPLIANCE WITH PERCENTAGE OF MAXIMUM DENSITY. THE EXPOSED CUT SURFACE, AS WELL AS SURFACES TO RECEIVE FILL, SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 8" AND WATERED AS NECESSARY TO BRING THE SOIL TO WITHIN 2% +/- OF OPTIMUM MOISTURE CONTENT. THE UPPER 8" OF THE NATIVE SOILS SHALL THEN BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM D1557.

PAVEMENT SUPPORT FILL SHALL BE COMPACTED TO A DEPTH OF 8" AT 95% (MINIMUM) OF MAXIMUM DRY DENSITY. ALL BACKFILL FOR UTILITY LINE TRENCHES SHALL ALSO BE COMPACTED TO 95% (MINIMUM) OF MAXIMUM DRY DENSITY. FILL MATERIAL SHALL BE NON-EXPANSIVE SOIL EITHER GRAVEL, SAND, OR A COMBINATION THEREOF WITH A PLASTICITY INDEX (PI) OF 12 OR LESS.

**LEGEND**

- NEW ASPHALT PAVING
- GRAVEL INFILL W/ GEOTEXTILE FABRIC BELOW

**KEY PLAN**



**FORMATIVE**  
ARCHITECTURE

209 GOLD AVENUE, NW  
ALBUQUERQUE, NM 87102  
505.510.4688 | formativearchitecture.com



PROJECT ADDRESS

**CU ANYTIME ATM @ RIO GRANDE CREDIT UNION**  
485 COORS BLVD NW  
ALBUQUERQUE, NM 87121

**CONSTRUCTION DOCUMENTS**

REVISIONS	
	ADMINISTRATIVE AMENDMENT REVISIONS

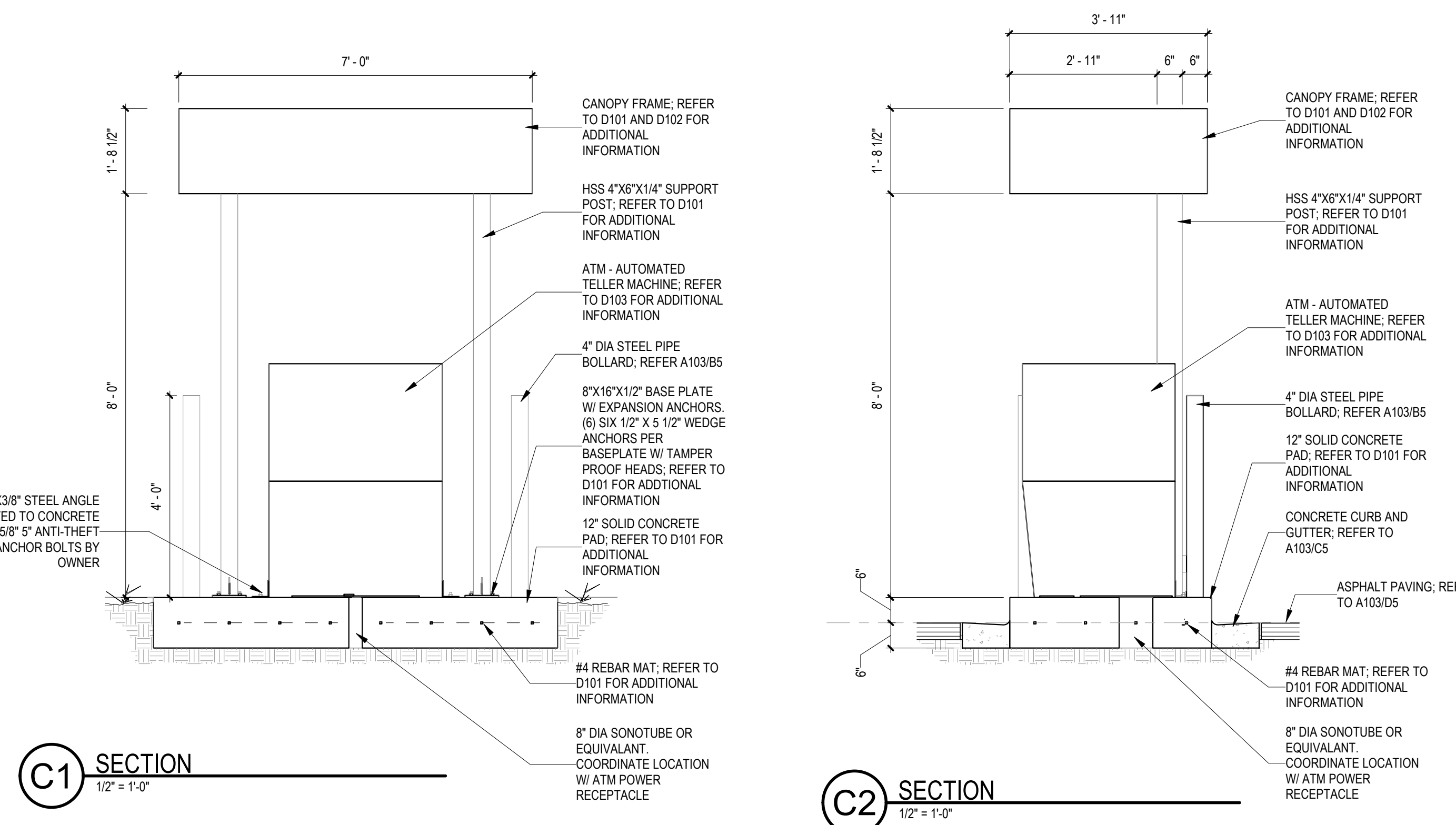
DRAWN BY	NW
REVIEWED BY	OK
DATE	03/26/2020
PROJECT NO	#20-0003

DRAWING NAME

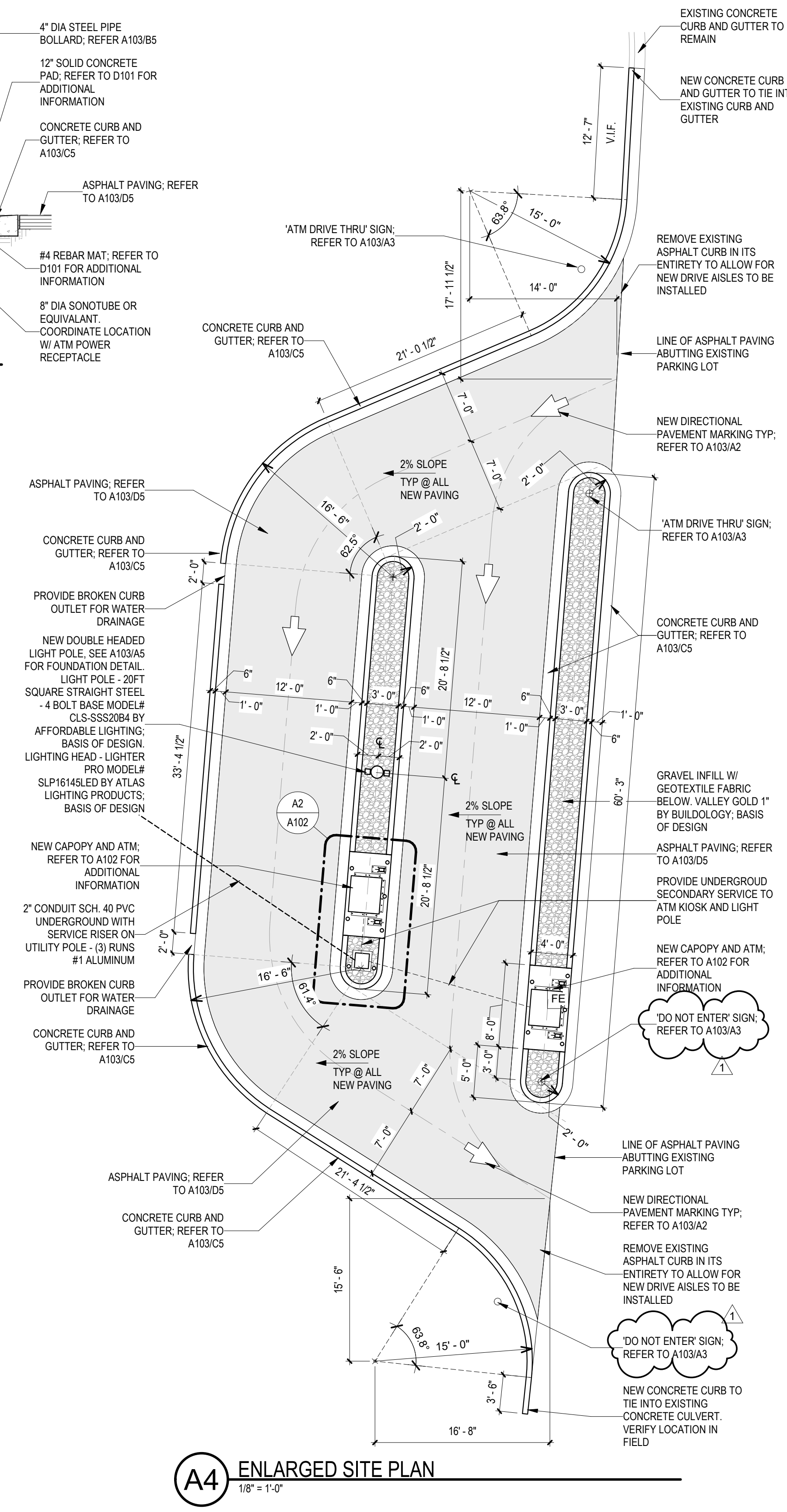
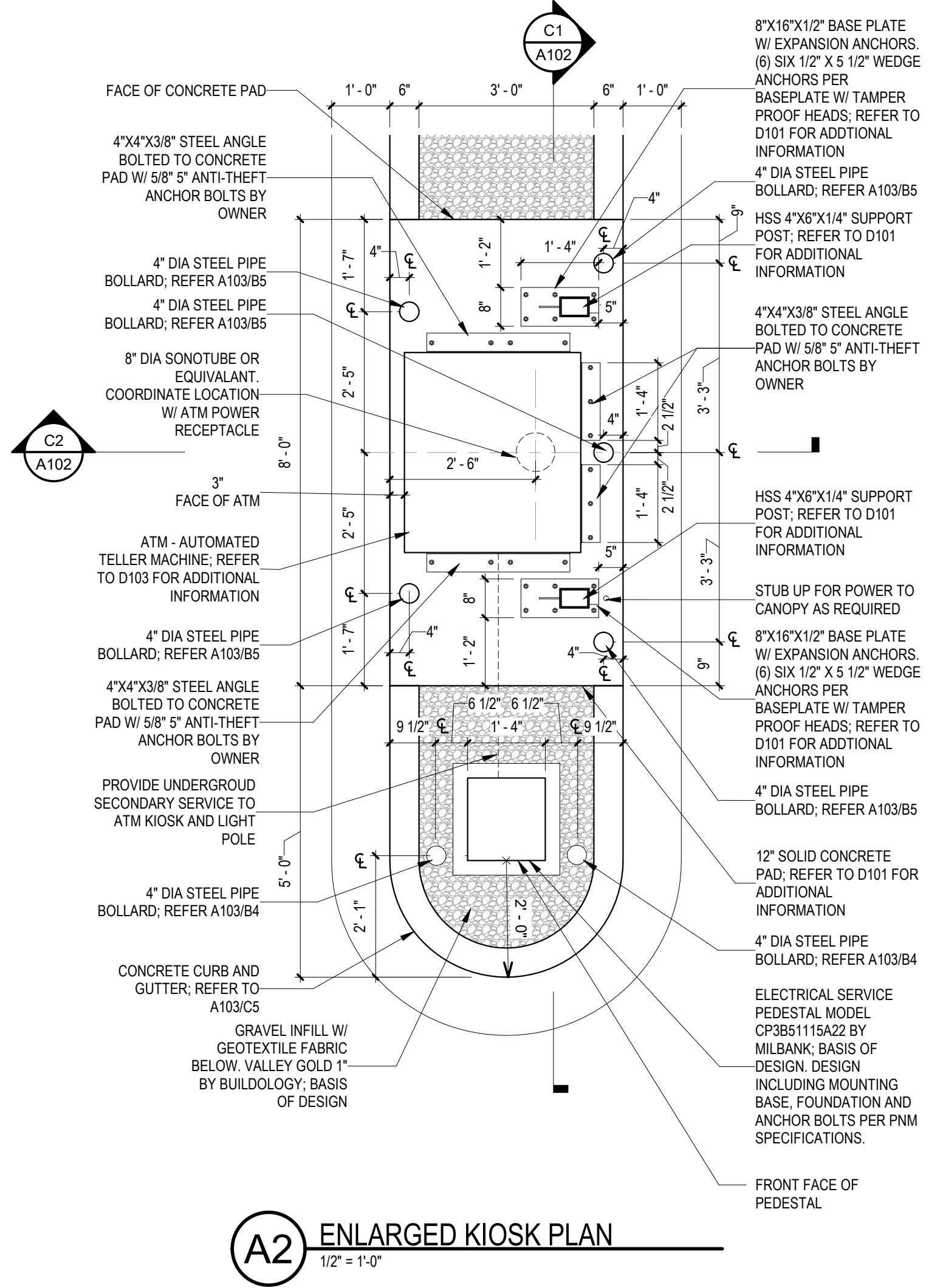
**ENLARGED SITE PLAN AND KIOSK PLAN**

SHEET NO

**A102**

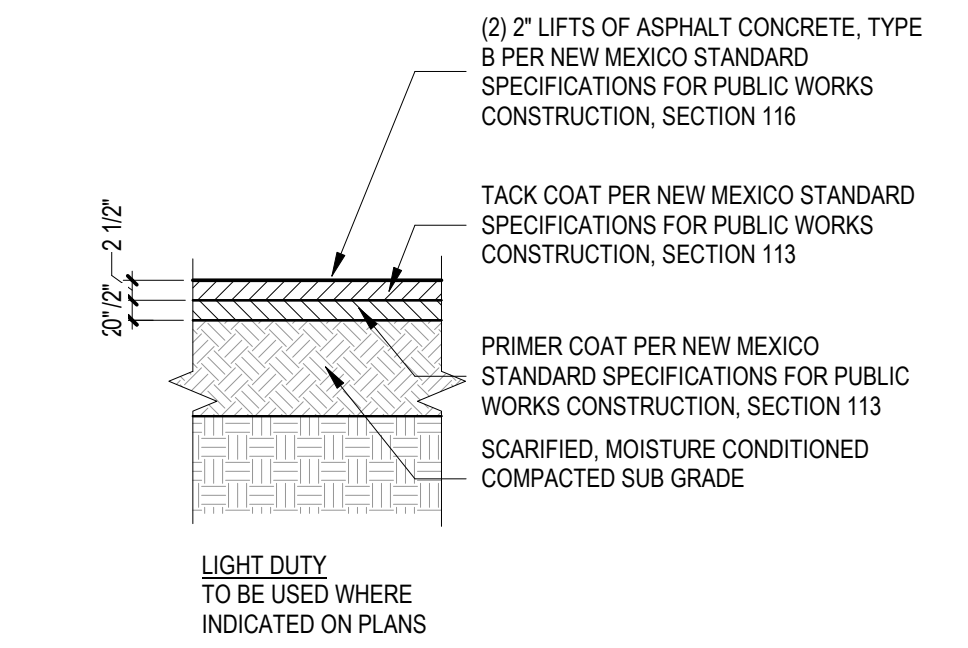


NOTE: ASPHALT ABUTTING THE EXISTING PARKING LOT TO BE AT SAME ELEVATION. SLOPE ALL NEW PAVING AT 2% SLOPE TO THE WEST. INSPECTOR TO VERIFY

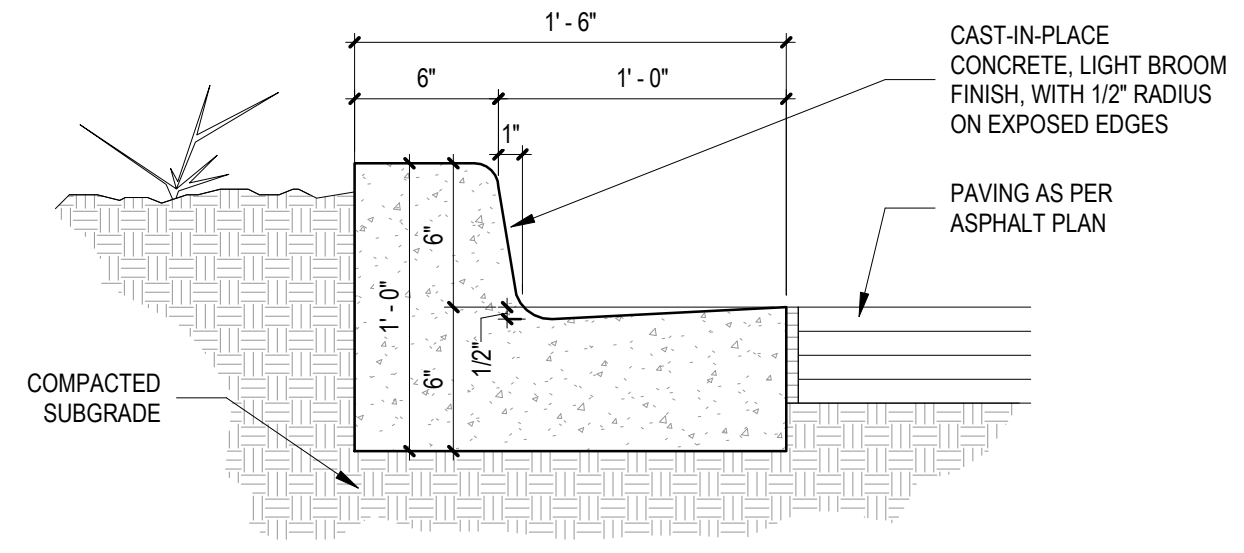


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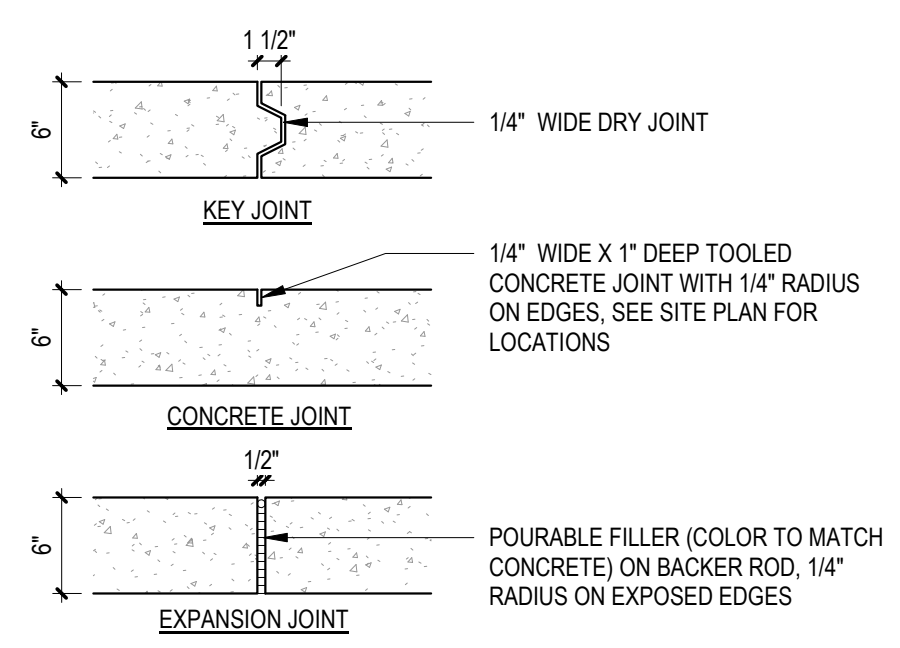




**D5 ASPHALT PAVING**  
1/2" = 1'-0"

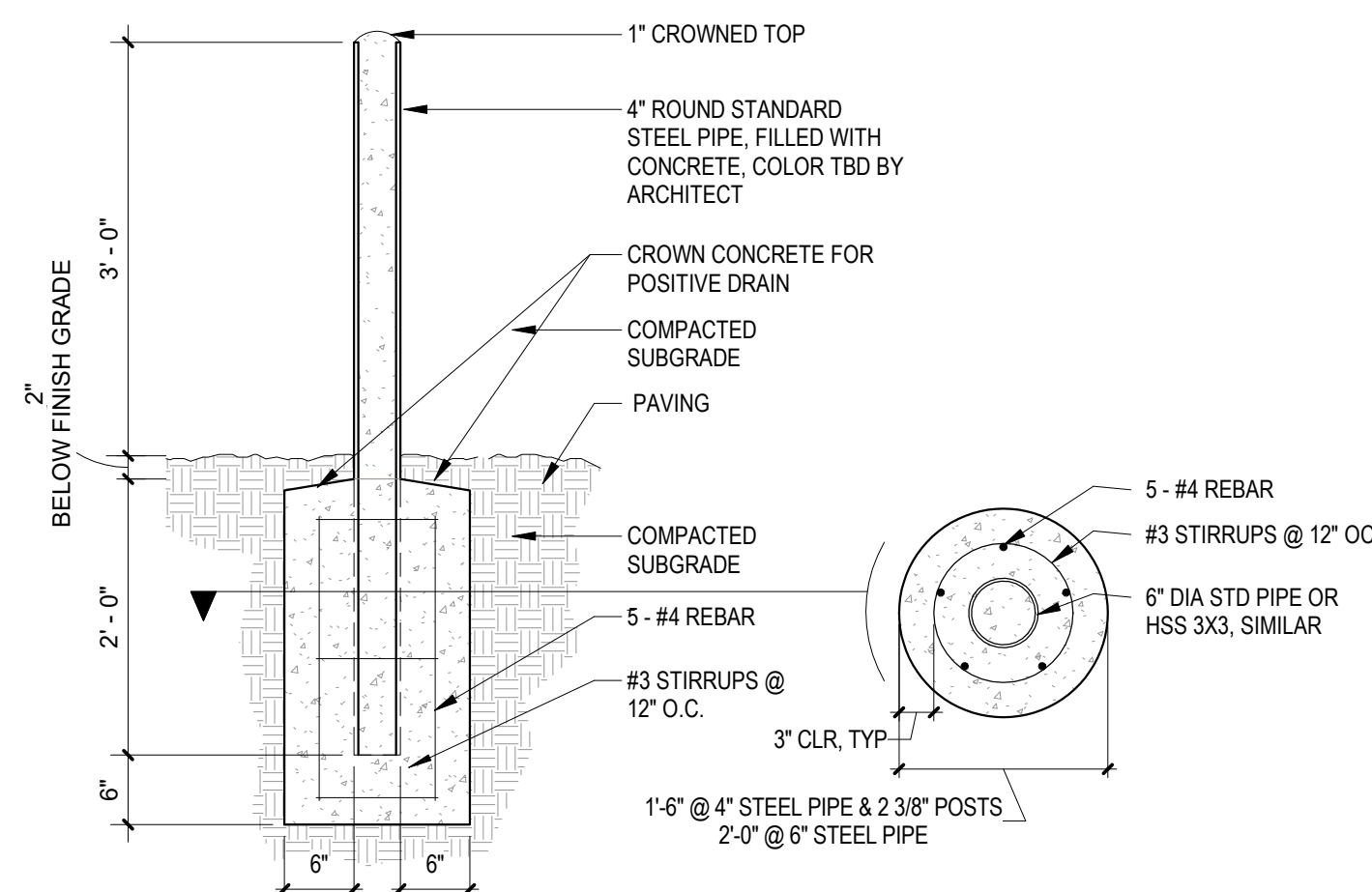


**C5 CONCRETE CURB AND GUTTER CIVIL**  
1 1/2" = 1'-0"

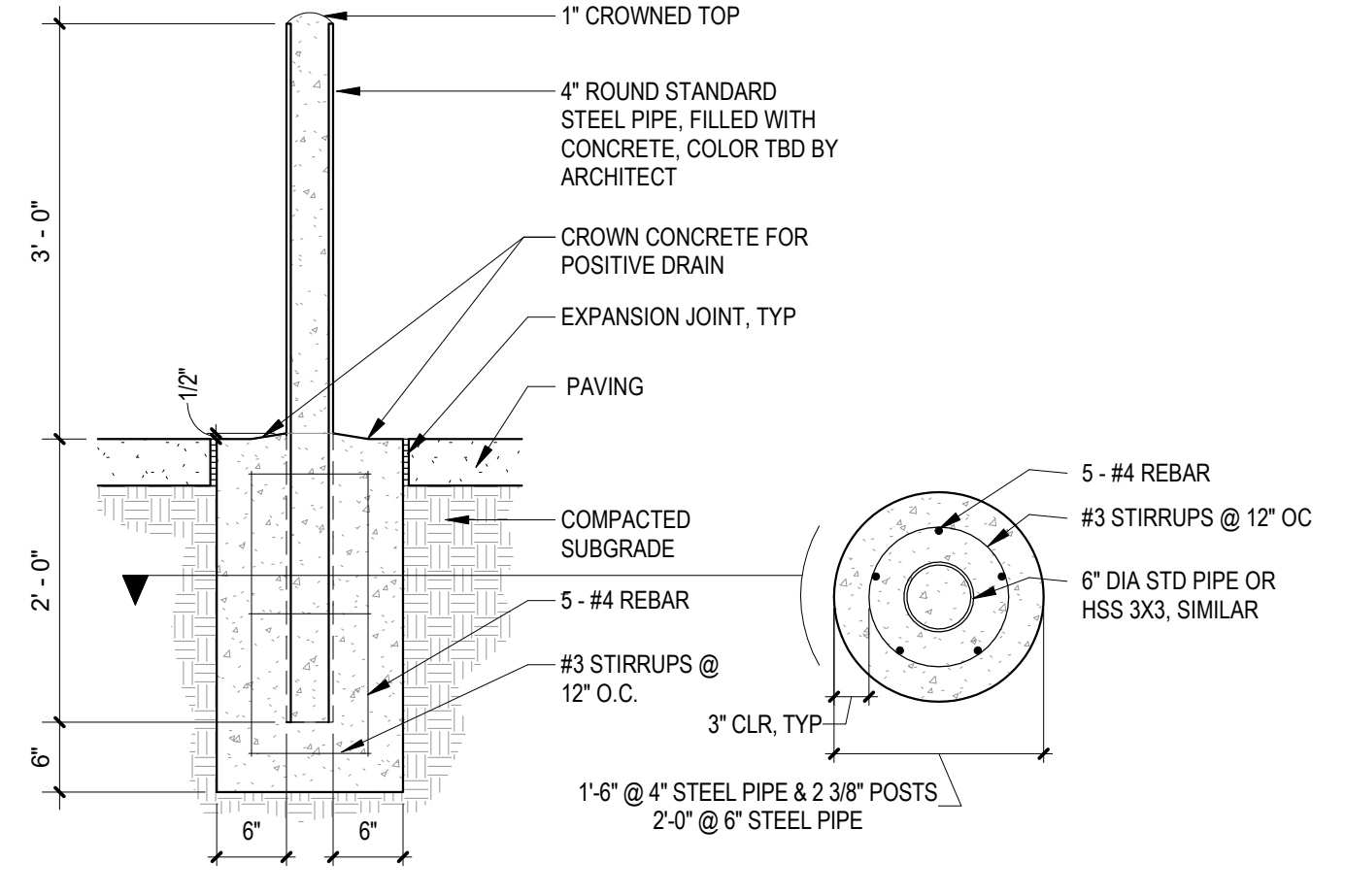


CONTROL AND EXPANSION JOINT SPACING - SEE PLAN FOR LOCATIONS

APPROX WIDTH OF CONCRETE	CURB & GUTTER, ROLL, HEADER, FLUSH CURBS	5' WALK	8' WALK & BLDG APRON	6'-12' WALK
CONTROL JOINTS	4' OC	5' OC	8' OC	6' OC
EXPANSION JOINTS	16' OC	15' OC	24' OC	18' OC

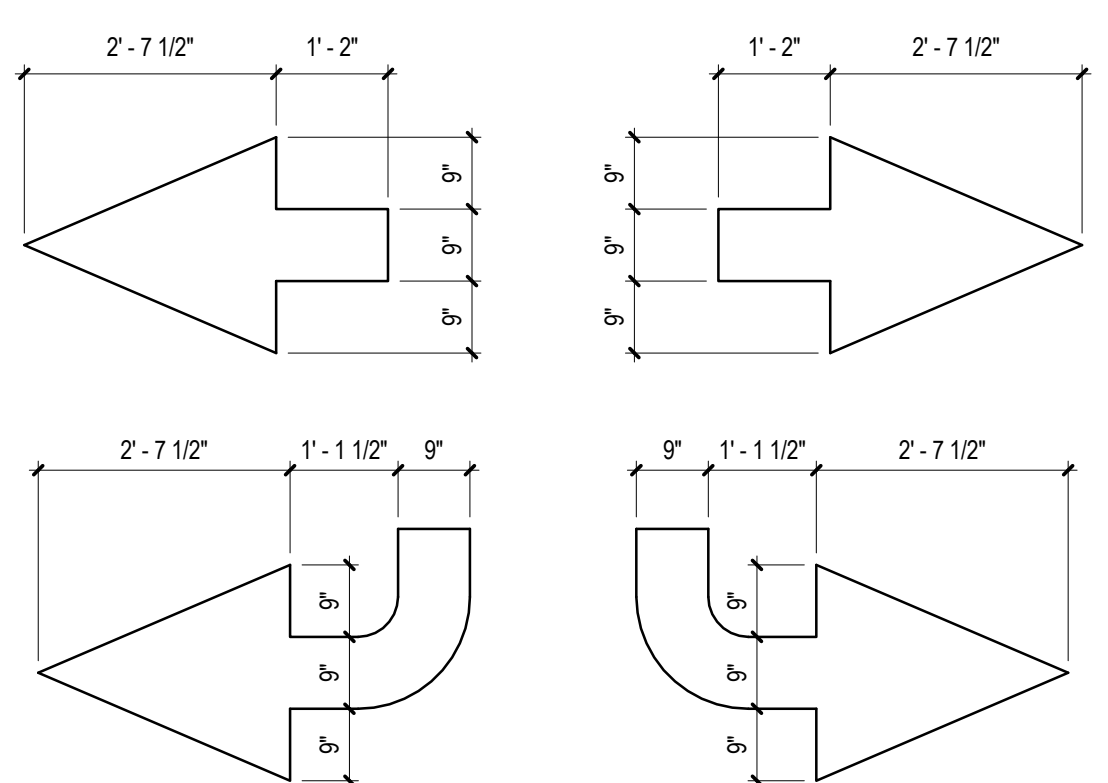


**B4 PIPE BOLLARD BELOW GRADE**  
3/4" = 1'-0"



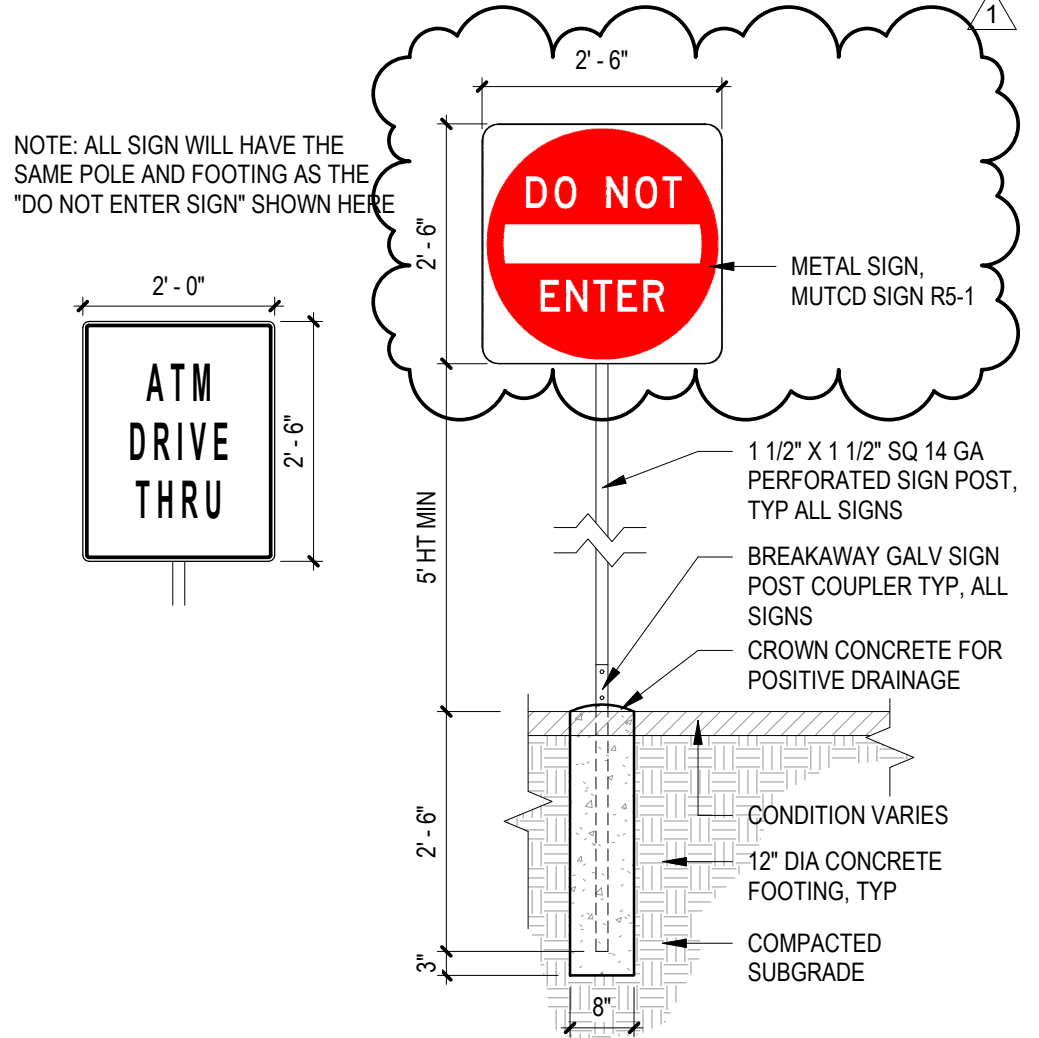
**B5 PIPE BOLLARD**  
3/4" = 1'-0"

**B2 EXPANSION JOINT**  
1" = 1'-0"

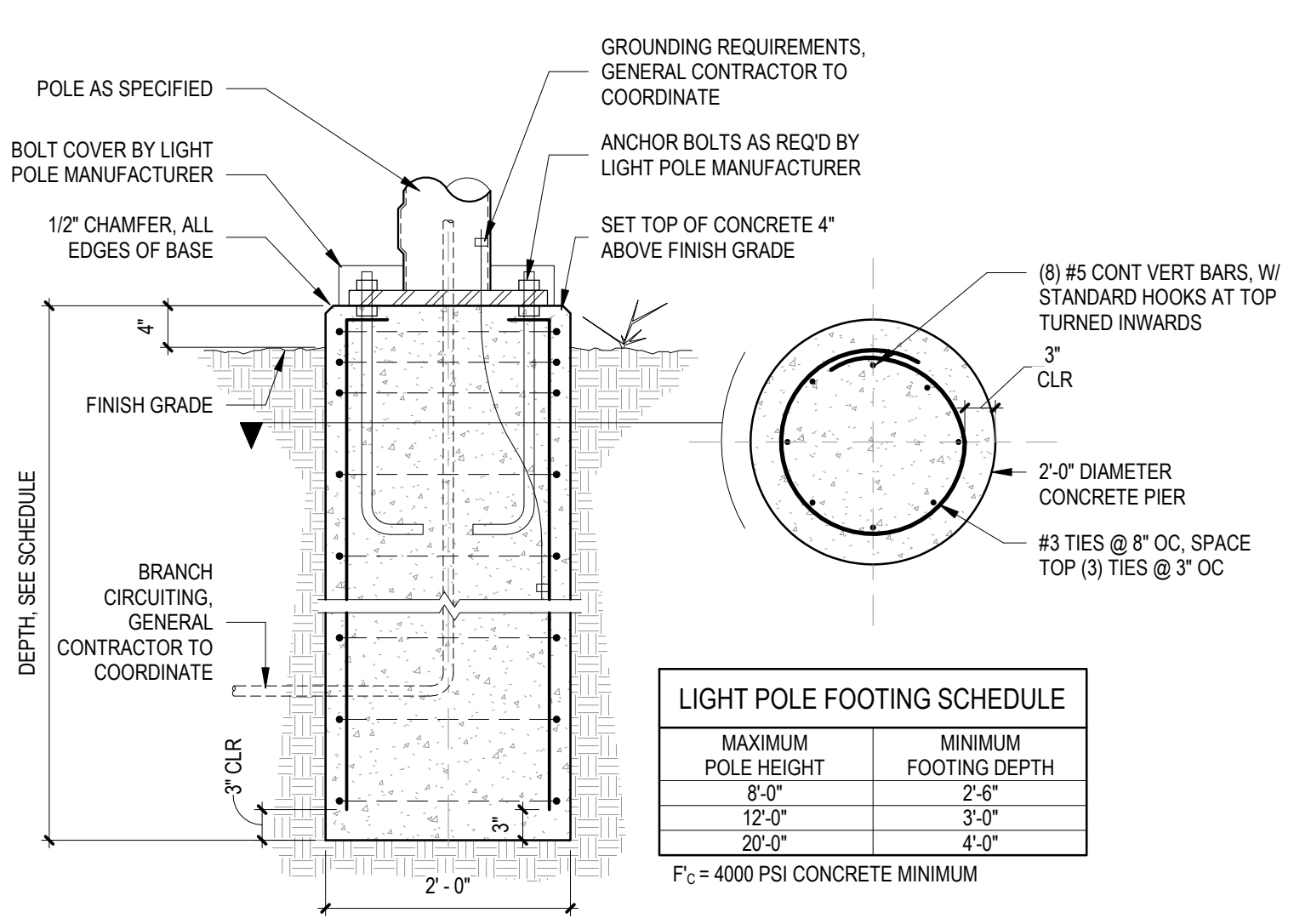


NOTES:  
1. TYPICAL PAINTED DIRECTIONAL GRAPHICS  
2. PAINT ARROWS WHERE SHOWN ON PLAN, COLOR: WHITE

**A2 DIRECTIONAL PAVEMENT MARKINGS**  
1/2" = 1'-0"



**A3 TRAFFIC SIGNAGE**  
1/2" = 1'-0"

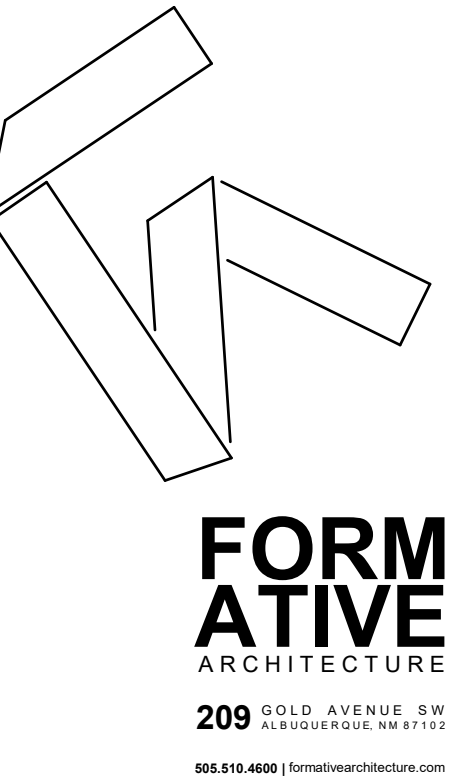


LIGHT POLE FOOTING SCHEDULE

MAXIMUM POLE HEIGHT	MINIMUM FOOTING DEPTH
8'-0"	2'-6"
12'-0"	3'-0"
20'-0"	4'-0"

F<sub>c</sub> = 4000 PSI CONCRETE MINIMUM

**A5 FOUNDATION AT LIGHT POLE**  
3/4" = 1'-0"



PROJECT ADDRESS

**CU ANYTIME ATM @ RIO GRANDE CREDIT UNION**  
485 COORS BLVD NW  
ALBUQUERQUE, NM 87121

CONSTRUCTION DOCUMENTS

REVISIONS

NO.	DESCRIPTION
1	ADMINISTRATIVE AMENDMENT REVISIONS

DRAWN BY	NW
REVIEWED BY	OK
DATE	03/26/2020
PROJECT NO	#20-0003

DRAWING NAME

GENERAL DETAILS

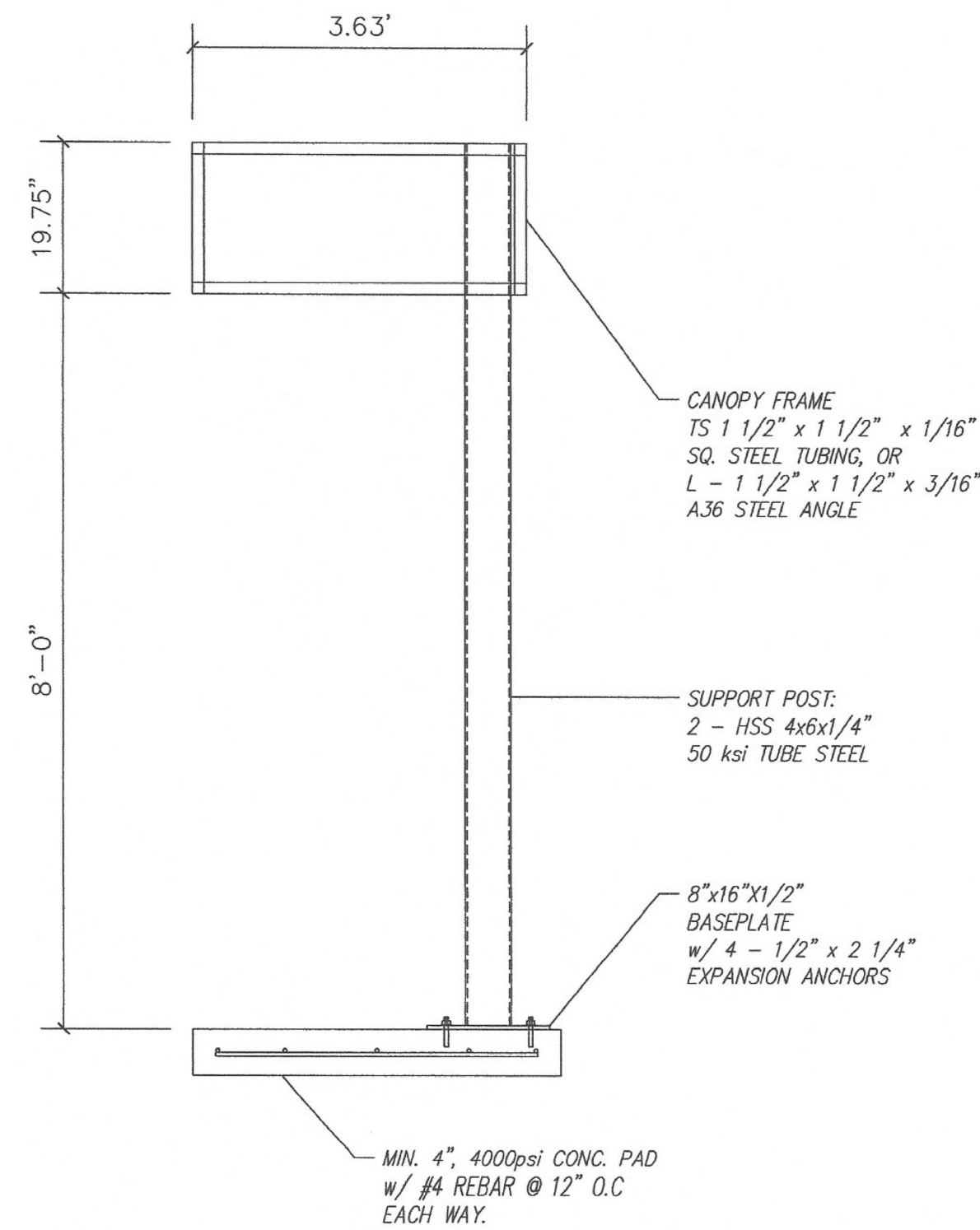
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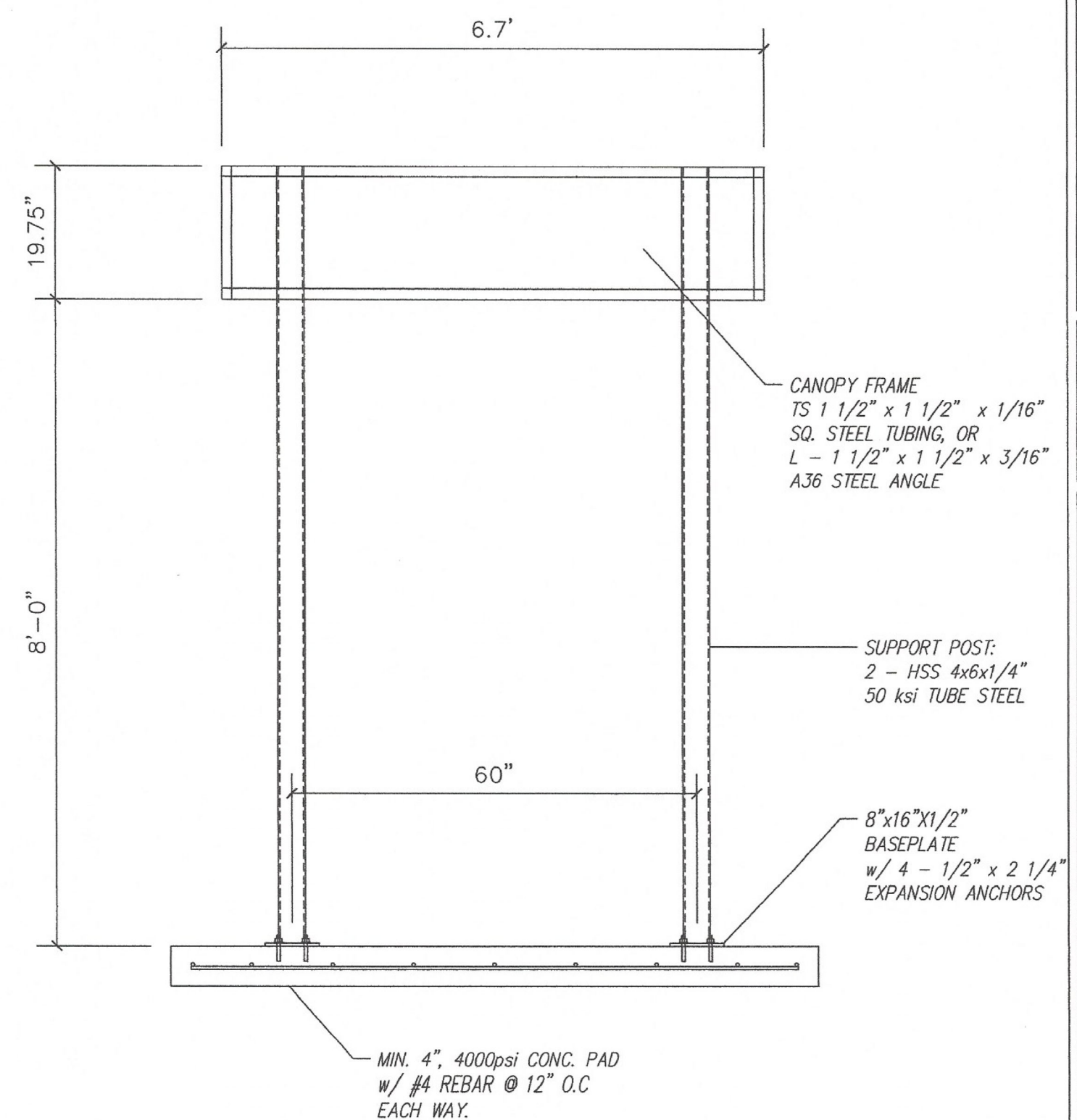
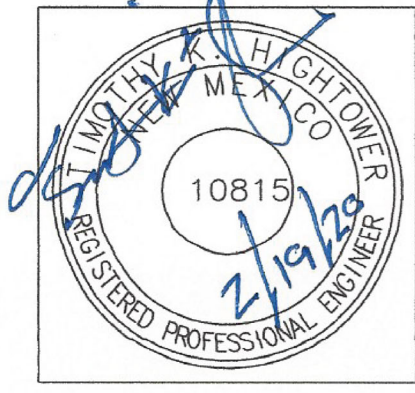


STRUCTURAL CALCULATIONS



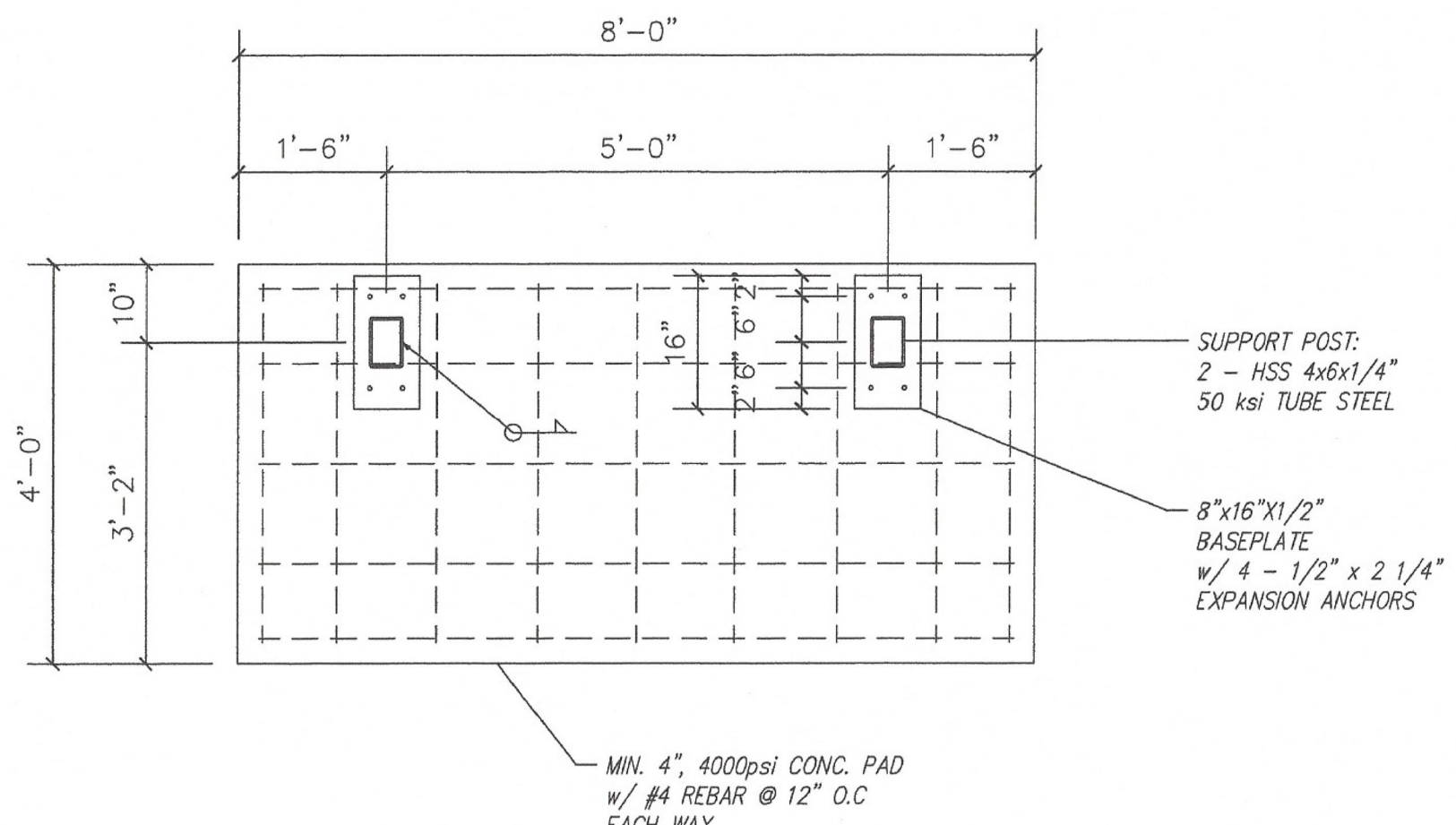
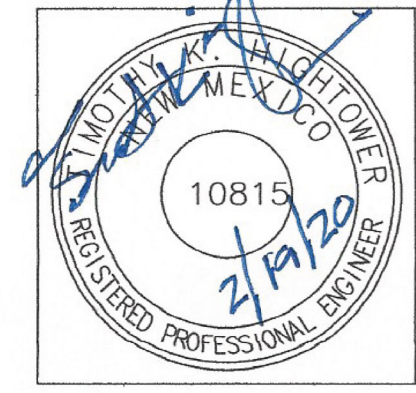
SIDE ELEVATION SCALE: N.T.S.

SIGN COMPANY: M & J SIGNS  
 5900 2nd St. NW Albuquerque, NM 87104 (505) 344-2475  
 SIGN LOCATION: CU Anytime ATM - GEN 7X  
 SIGN DESCRIPTION: Double Pole-Expansion Anchor-Rectangular Footing  
 DATE: 02/17/20  
 SCALE: N.T.S.  
 FILE: MJS - GEN7  
 PAGE: 2 OF 3  
**THAMES**  
 ENGINEERING AND DESIGN  
 LICENSE NO. 10815  
 5165 GOLDMAR DR. • IRONDALE, AL 35210 • 505-944-6216

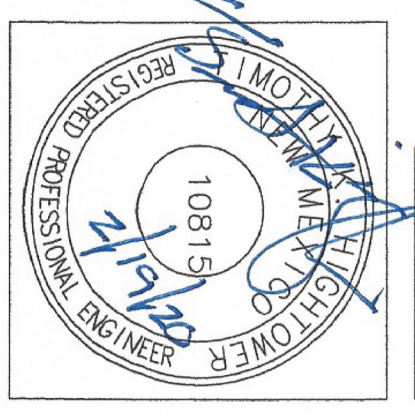


FRONT ELEVATION SCALE: N.T.S.

SIGN COMPANY: M & J SIGNS  
 5900 2nd St. NW Albuquerque, NM 87104 (505) 344-2475  
 SIGN LOCATION: CU Anytime ATM - GEN 7X  
 SIGN DESCRIPTION: Double Pole-Expansion Anchor-Rectangular Footing  
 DATE: 02/17/20  
 SCALE: N.T.S.  
 FILE: MJS - GEN7  
 PAGE: 1 OF 3  
**THAMES**  
 ENGINEERING AND DESIGN  
 LICENSE NO. 10815  
 5165 GOLDMAR DR. • IRONDALE, AL 35210 • 505-944-6216



CONCRETE PAD & BASEPLATE SCALE: N.T.S.



**THAMES**  
 ENGINEERING AND DESIGN  
 LICENSE NO. 10815  
 5165 GOLDMAR DR. • IRONDALE, AL 35210 • 505-944-6216  
 DATE: 02/17/20  
 SCALE: N.T.S.  
 FILE: MJS - GEN7  
 PAGE: 3 OF 3  
 SIGN COMPANY: M & J SIGNS  
 5900 2nd St. NW Albuquerque, NM 87104 (505) 344-2475  
 SIGN LOCATION: CU Anytime ATM - GEN 7X  
 SIGN DESCRIPTION: Double Pole-Expansion Anchor-Rectangular Footing

FREE STANDING SIGN - STRUCTURAL CALCULATIONS:

SIGN COMPANY: M&J Signs  
SIGN LOCATION: CU Anytime ATM - GEN 7X

SIGN DESCRIPTION: Double Pole - Expansion Anchor - Concrete Pad

DESIGN CRITERIA:  
Code: 2015 IBC - SECTION 3107  
Design Wind Speed: 115 mph - 3 sec. gust  
Exposure: C  
Wind Pressure:  $q = 15.9$  psf  
 $G = 1$   
 $C_f = 2.025$

Wind Force:  $F_w = q G C_f = 32.20$  psf

SIGN CRITERIA:  
Cabinet Type: Box  
Cabinet Weight: 10 psf  
Sign Area:

Section	X-Length (ft)	Y-Width (ft)	Area (SF)	Weight (psf)	Height (ft)
1	6.7	1.83	12	123	9.83
2	0	0	0	0	0
Total Area:			12		

Cabinet Weight: 123  
Overall Height: 9.83  
Median Sign Height: 8.915

Sign Height:  
Transitions: NO

POLE SUPPORT CRITERIA:

Section	Force (kips)	M. Arm (ft)	Mo (K-Ft)
1	0.39	6.48	2.56
2	0	0	0

Req. Section Modulus:  $\text{Sign Size (SF)} \times F_w \times \text{Median Sign Height (ft)} \times 12$   
28,800

Req. Sx =  $12 \times F_w \times 8.915 \times 12$   
28,800

Req. Sx = 1.466 in<sup>3</sup>

Pole Section:	Tube Steel	46 ksi	WT.-lb/ft
Use:	4" x 6"	0.25 STD.	15.62

Actual Sx = 7.36 in<sup>3</sup> > 1.466 OK

THAMES Engineering and Design  
License No. 10815  
5165 GOLDMAR DR. • IRONDALE, AL 35210 • 505-944-6216



FREE STANDING SIGN - STRUCTURAL CALCULATIONS:

SIGN COMPANY: M&J Signs  
SIGN LOCATION: CU Anytime ATM - GEN 7X

SIGN DESCRIPTION: Double Pole - Expansion Anchor - Concrete Pad

FOUNDATION CRITERIA:  
Foundation Type: Concrete Pad

Length	b	Assumed Depth:
8	4	0.5 ft

Vertical Soil Bearing: 1500 psf  
Lateral Soil Bearing: 150 psf

Total Axial Load = 250 lbs / Column, Max. = 500 lbs

Soil Bearing Check:  
Allowable Soil Bearing: 1500 PSF  
Footing Area: 32.00 SF  
Allowable Dead Load: 48.00 kips  
Actual Dead Load: 9.13 kips < 48.00 OK

Canopy Loading:  
Dead Load: (3.63 x 6.7) x 10 psf = 244 lbs  
Columns: 9.83 ft x 9.42 lbs/ft x 2 = 186 lbs  
Uplift: 4 x 7 = 28 SF x 32.2 psf Uplift = 902 lbs  
Pad Resistance: 8' x 4' x 0.5' x 150pcf = 2400 lbs  
Net Uplift: 902 lbs - (244 + 186) = 472 lbs < 2400 OK

EXPANSION ANCHORS:  
1/2" dia. x 2 1/4" Embed in 4000 psi Concrete

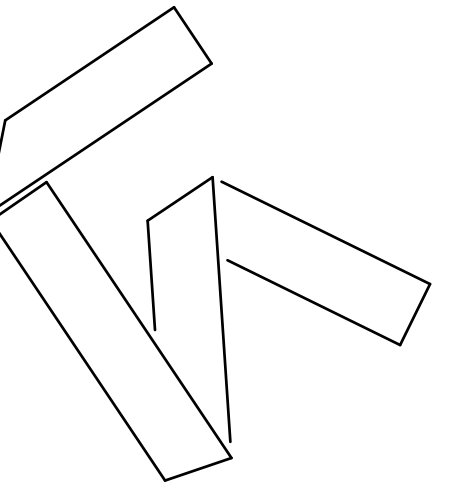
Allowable:	Tension:	1430 lbs
	Shear:	2300 lbs
Actual:	Tension:	113 lbs OK
	Shear:	70 lbs OK

BASE PLATE:  
Axial Loading:  
250 lbs Max per column

Concrete Bearing:  
Allowable:  $0.3 \times f_c \times SR(a2/A1) \times LDF = 2073.3$  psi  
Actual: 500 lbs / (8 x 16) = 3.9 psi < 2073.3 OK

Base Plate Bending:  
Allowable: 35,910 psi  
Actual: 1920 psi  
8" x 16" x 1/2" OK

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PROJECT ADDRESS

CU ANYTIME ATM @ RIO GRANDE CREDIT UNION  
485 COORS BLVD NW  
ALBUQUERQUE, NM 87121

CONSTRUCTION DOCUMENTS

REVISIONS

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DRAWN BY: NW  
REVIEWED BY: OK  
DATE: 03/26/2020  
PROJECT NO: #20-0003

DRAWING NAME

SIGN ENGINEER DETAILS

SHEET NO



# ACCESSIBLE SPECIFICATIONS

## 220 Automatic Teller Machines and Fare Machines

**220.1 General.** Where automatic teller machines or self-service fare vending, collection, or adjustment machines are provided, at least one of each type provided at each location shall comply with 707. Where bins are provided for envelopes, waste paper, or other purposes, at least one of each type shall comply with 811.

**Advisory 220.1 General.** If a bank provides both interior and exterior ATMs, each such installation is considered a separate location. Accessible ATMs, including those with speech and those that are within reach of people who use wheelchairs, must provide all the functions provided to customers at that location at all times. For example, it is unacceptable for the accessible ATM only to provide cash withdrawals while inaccessible ATMs also sell theater tickets.

## 707 Automatic Teller Machines and Fare Machines

**Advisory 707 Automatic Teller Machines and Fare Machines.** Interactive transaction machines (ITMs), other than ATMs, are not covered by Section 707. However, for entities covered by the ADA, the Department of Justice regulations that implement the ADA provide additional guidance regarding the relationship between these requirements and elements that are not directly addressed by these requirements. Federal procurement law requires that ITMs purchased by the Federal government comply with standards issued by the Access Board under Section 508 of the Rehabilitation Act of 1973, as amended. This law covers a variety of products, including computer hardware and software, websites, phone systems, fax machines, copiers, and similar technologies. For more information on Section 508 consult the Access Board's website at [www.access-board.gov](http://www.access-board.gov).

**707.1 General.** Automatic teller machines and fare machines shall comply with 707.

**Advisory 707.1 General.** If farecards have one tactually distinctive corner they can be inserted with greater accuracy. Token collection devices that are designed to accommodate tokens which are perforated can allow a person to distinguish more readily between tokens and common coins. Place accessible gates and fare vending machines in close proximity to other accessible elements when feasible so the facility is easier to use.

**707.2 Clear Floor or Ground Space.** A clear floor or ground space complying with 305 shall be provided.

**EXCEPTION:** Clear floor or ground space shall not be required at drive-up only automatic teller machines and fare machines.

**707.3 Operable Parts.** Operable parts shall comply with 309. Unless a clear or correct key is provided, each operable part shall be able to be differentiated by sound or touch, without activation.

**EXCEPTION:** Drive-up only automatic teller machines and fare machines shall not be required to comply with 309.2 and 309.3.

**707.4 Privacy.** Automatic teller machines shall provide the opportunity for the same degree of privacy of input and output available to all individuals.

**Advisory 707.4 Privacy.** In addition to people who are blind or visually impaired, people with limited reach who use wheelchairs or have short stature, who cannot effectively block the ATM screen with their bodies, may prefer to use speech output. Speech output users can benefit from an option to render the visible screen blank, thereby affording them greater personal security and privacy.

**707.5 Speech Output.** Machines shall be speech enabled. Operating instructions and orientation, visible transaction prompts, user input verification, error messages, and all displayed information for full use shall be accessible to and independently usable by individuals with vision impairments. Speech shall be delivered through a mechanism that is readily available to all users, including but not limited to, an industry standard connector or a telephone handset. Speech shall be recorded or digitized human, or synthesized.

**EXCEPTIONS:** 1. Audible tones shall be permitted instead of speech for visible output that is not displayed for security purposes, including but not limited to, asterisks representing personal identification numbers.

2. Advertisements and other similar information shall not be required to be audible unless they convey information that can be used in the transaction being conducted.

3. Where speech synthesis cannot be supported, dynamic alphabetic output shall not be required to be audible.

**Advisory 707.5 Speech Output.** If an ATM provides additional functions such as dispensing coupons, selling theater tickets, or providing copies of monthly statements, all such functions must be available to customers using speech output. To avoid confusion at the ATM, the method of initiating the speech mode should be easily discoverable and should not require specialized training. For example, if a telephone handset is provided, lifting the handset can initiate the speech mode.

**707.5.1 User Control.** Speech shall be capable of being repeated or interrupted. Volume control shall be provided for the speech function.

**EXCEPTION:** Speech output for any single function shall be permitted to be automatically interrupted when a transaction is selected.

**707.5.2 Receipts.** Where receipts are provided, speech output devices shall provide audible balance inquiry information, error messages, and all other information on the printed receipt necessary to complete or verify the transaction.

**EXCEPTIONS:** 1. Machine location, date and time of transaction, customer account number, and the machine identifier shall not be required to be audible.

2. Information on printed receipts that duplicates information available on-screen shall not be required to be presented in the form of an audible receipt.

3. Printed copies of bank statements and checks shall not be required to be audible.

**707.6 Input.** Input devices shall comply with 707.6.

**707.6.1 Input Controls.** At least one tactilely discernible input control shall be provided for each function. Where provided, key surfaces not on active areas of display screens, shall be raised above surrounding surfaces. Where membrane keys are the only method of input, each shall be tactilely discernible from surrounding surfaces and adjacent keys.

**707.6.2 Numeric Keys.** Numeric keys shall be arranged in a 12-key ascending or descending telephone keypad layout. The number five key shall be tactilely distinct from the other keys.

**Advisory 707.6.2 Numeric Keys.** Telephone keypads and computer keyboards differ in one significant feature, ascending versus descending numerical order. Both types of keypads are acceptable, provided the computer-style keypad is organized similarly to the number pad located at the right on most computer keyboards, and does not resemble the line of numbers located above the computer keys.

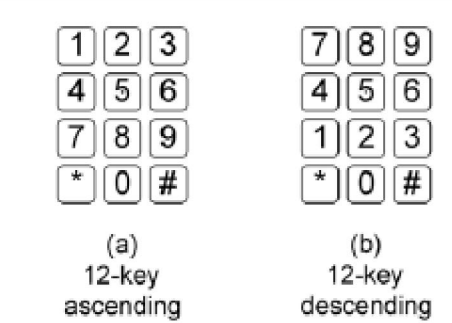


Figure 707.6.2 Numeric Key Layout

**707.6.3 Function Keys.** Function keys shall comply with 707.6.3.

**707.6.3.1 Contrast.** Function keys shall contrast visually from background surfaces. Characters and symbols on key surfaces shall contrast visually from key surfaces. Visual contrast shall be either light-on-dark or dark-on-light.

**EXCEPTION:** Tactile symbols required by 707.6.3.2 shall not be required to comply with 707.6.3.1.

**707.6.3.2 Tactile Symbols.** Function key surfaces shall have tactile symbols as follows: Enter or Proceed key: raised circle; Clear or Correct key: raised left arrow; Cancel key: raised letter ex; Add Value key: raised plus sign; Decrease Value key: raised minus sign.

**707.7 Display Screen.** The display screen shall comply with 707.7.

**EXCEPTION:** Drive-up only automatic teller machines and fare machines shall not be required to comply with 707.7.1.

**707.7.1 Visibility.** The display screen shall be visible from a point located 40 inches (1015 mm) above the center of the clear floor space in front of the machine.

**707.7.2 Characters.** Characters displayed on the screen shall be in a sans serif font. Characters shall be 3/16 inch (4.8 mm) high minimum based on the uppercase letter "T". Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.

**707.8 Braille Instructions.** Braille instructions for initiating the speech mode shall be provided. Braille shall comply with 703.3.

**708 Two-Way Communication Systems**

**708.1 General.** Two-way communication systems shall comply with 708.

**Advisory 708.1 General.** Devices that do not require handsets are easier to use by people who have a limited reach.

**708.2 Audible and Visual Indicators.** The system shall provide both audible and visual signals.

**Advisory 708.2 Audible and Visual Indicators.** A light can be used to indicate visually that assistance is on the way. Signs indicating the meaning of visual signals should be provided.

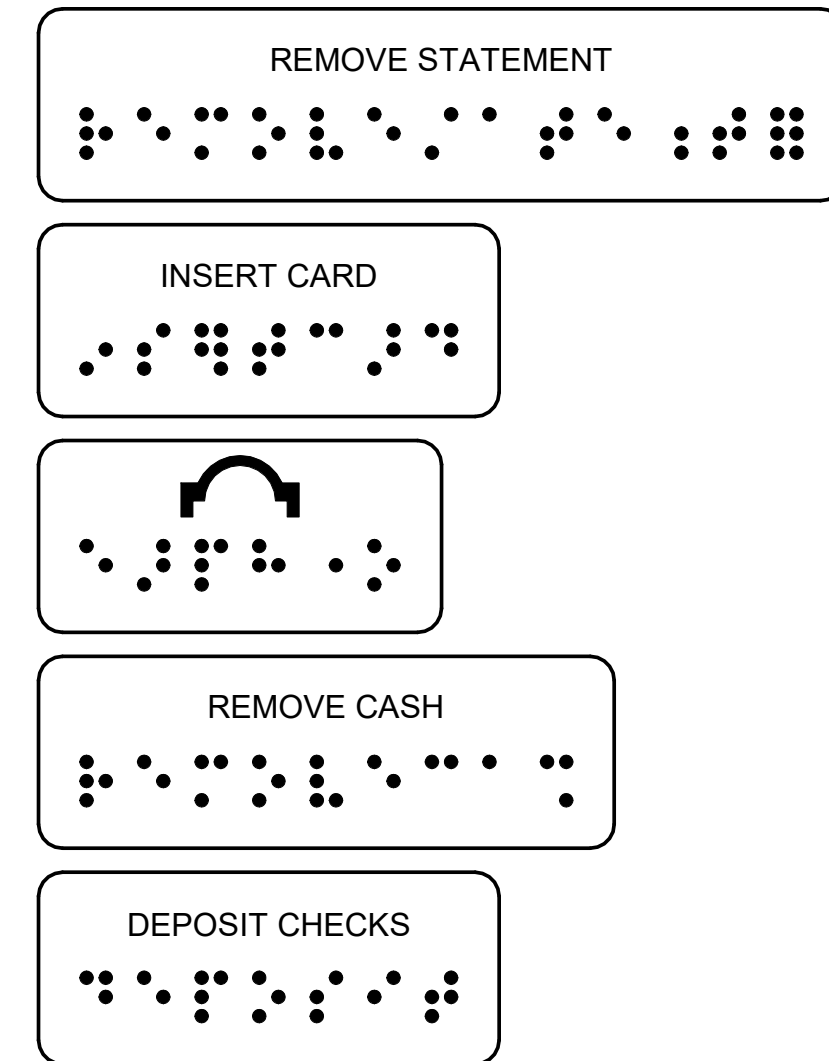
**708.3 Handsets.** Handset cords, if provided, shall be 29 inches (735 mm) long minimum.

**708.4 Residential Dwelling Unit Communication Systems.** Communications systems between a residential dwelling unit and a site, building, or floor entrance shall comply with 708.4.

**708.4.1 Common Use or Public Use System Interface.** The common use or public use system interface shall include the capability of supporting voice and TTY communication with the residential dwelling unit interface.

**708.4.2 Residential Dwelling Unit Interface.** The residential dwelling unit system interface shall include a telephone jack capable of supporting voice and TTY communication with the common use or public use system interface.

FOR ADDITIONAL BRAILLE INFORMATION REFER TO D102/A1



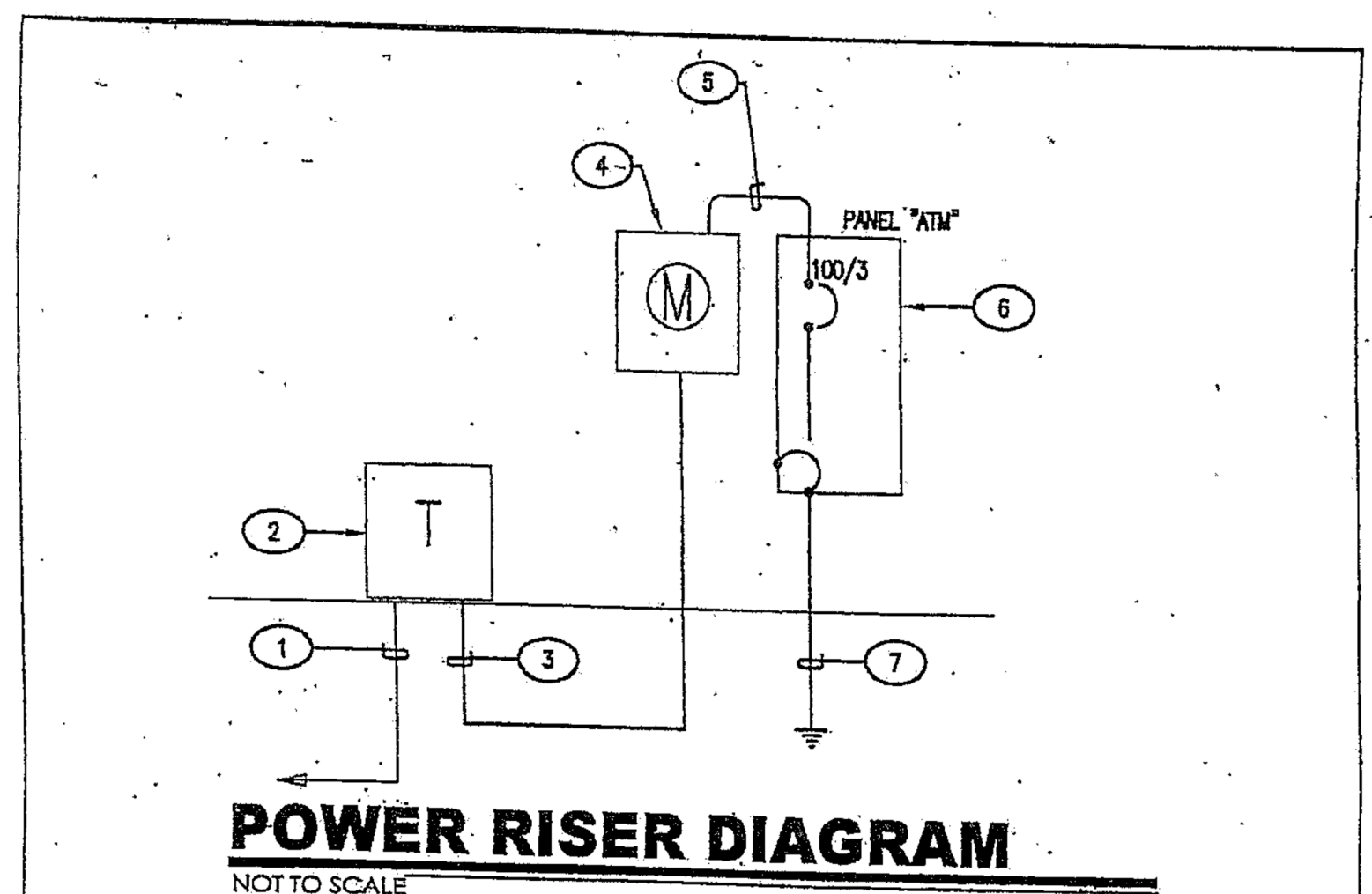
**BRAILLE DIMENSIONS**

DOT BASE DIAMETER	.059 - .063
DISTANCE BETWEEN TWO DOTS IN SAME CELL	.100
DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS	.300
DOT HEIGHT	.025 - .037
DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW	.395 - .400

(2010 ADA STANDARDS FOR ACCESSIBLE DESIGN 703.3.1 BRAILLE DIMENSIONS)

**A1** BRAILLE - FOR REFERENCE ONLY  
DECALS PROVIDED BY ATM MANUFACTURER  
12" = 1'-0"

# POWER RISER DIAGRAM



- KEYNOTES**
- UNDERGROUND PRIMARY.
  - TRANSFORMER PEDESTAL
  - UNDERGROUND SECONDARY SERVICE ENTRANCE CONDUCTORS.  
4#2 THHN/THWN (CU) IN 1.5" C.
  - 200A METER SOCKET PER REQUIREMENTS
  - 4#2 THHN/THWN (CU) IN 1.5" C.
  - PANEL RATED 120/208V, 3PH, 4W, 100A MAIN LUSS, 100A/3P MAIN CIRCUIT BREAKER, 10KAIR, WITH INDIVIDUAL BRANCH CIRCUIT BREAKERS AS REQUIRED FOR ATM LOADS.
  - SERVICE GROUND PER NEC TO .75" x 10'-0" COPPERCLAD GROUND RODS.

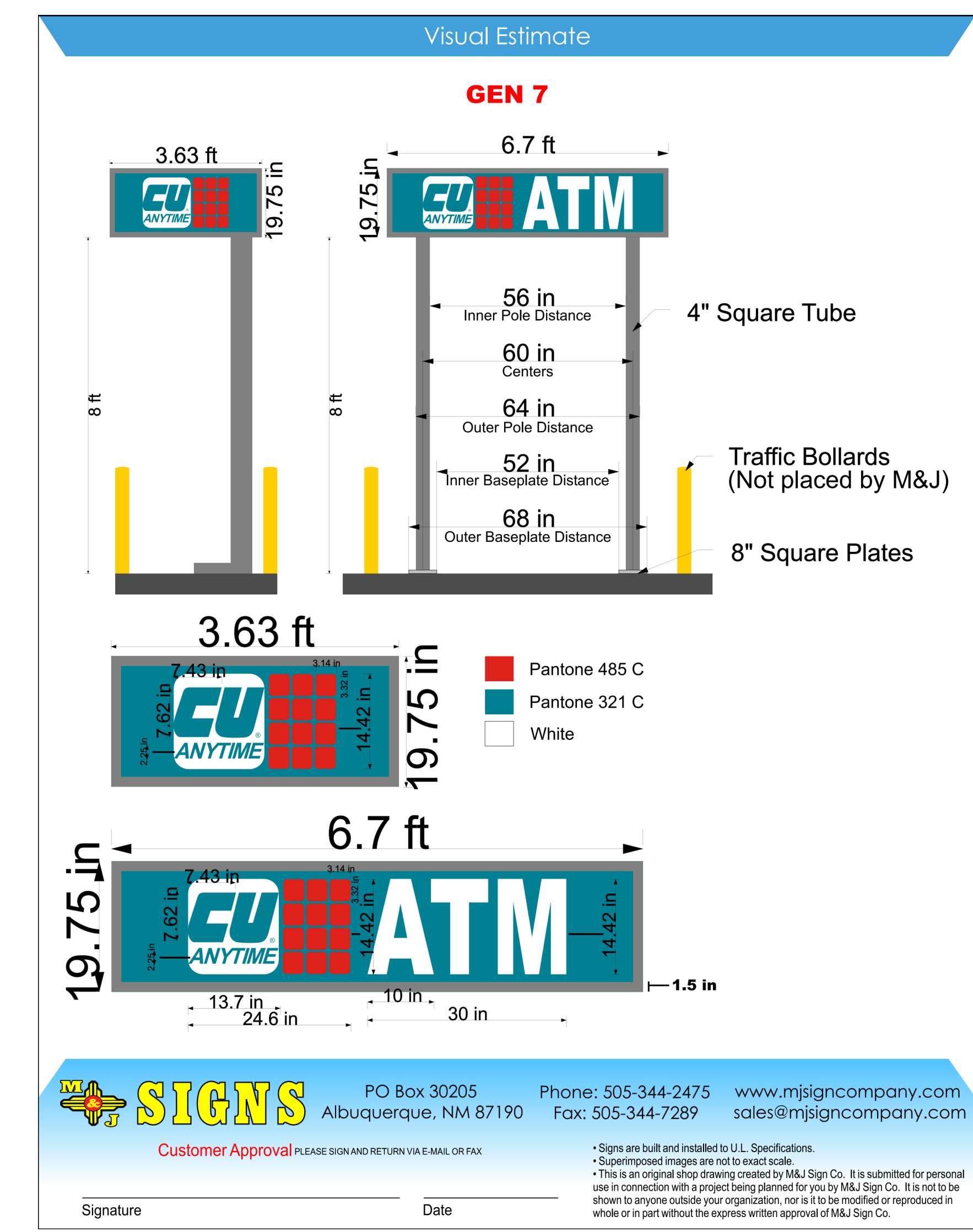


**A C ENGINEERING ENTERPRISES, LLC**  
120 Aliso Drive SE  
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Project: \_\_\_\_\_  
Drawn By: ACE  
Designed By: F.J.T  
Date: 03.24.15

Sheet: **SKE-1**

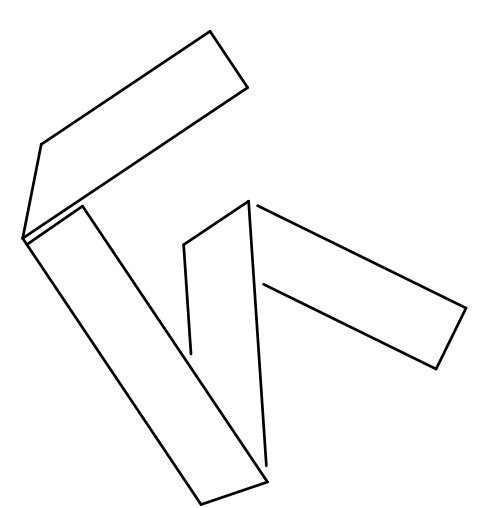
# ENCLOSURE SPECIFICATIONS



**M&J SIGNS** PO Box 30205 Albuquerque, NM 87190 Phone: 505-344-2475 Fax: 505-344-7289 www.mjsigncompany.com sales@mjsigncompany.com

Customer Approval PLEASE SIGN AND RETURN VIA EMAIL OR FAX

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\* Superimposed images are not to exact scale.  
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# CONSTRUCTION DOCUMENTS

**REVISIONS**

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REVIEWED BY: OK  
DATE: 03/26/2020  
PROJECT NO: #20-0003

DRAWING NAME: ACCESSIBLE SPECIFICATIONS AND MANUFACTURER DETAILS

SHEET NO: D102