

PROJECT

**Encuentro Home Health Facility**  
 909 4th Street SW  
 Albuquerque, NM 87102

DFT SUBMITTAL

- REVISIONS
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DRAWN BY: SP  
 REVIEWED BY: DM, HFG  
 DATE: 04/13/2026  
 PROJECT NO: 25-0121

DRAWING NAME: **SITE PLAN**

SHEET NO: **DFT-01**

**GENERAL SHEET NOTES**

- A. SITE PLAN DIMENSIONS ARE IN FEET AND INCHES.
- B. DIMENSIONS ARE TO FACE OF CURB, FACE OF WALL OR EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.
- C. SITE PLAN SHALL COMPLY WITH LOCAL, FEDERAL AND ACCESSIBILITY STANDARDS AND GUIDELINES, INCLUDING THE 2021 INTERNATIONAL FIRE CODE (IFC).
- D. VERIFY EXISTING UTILITY LOCATIONS BEFORE EXCAVATION.
- E. UTILITIES AND ASSOCIATED EQUIPMENT SHOWN FOR REFERENCE ONLY. COORDINATE LOCATION AND INSTALLATION.
- F. ALL CURBS AND ACCESSIBLE RAMPS WILL BE DESIGNED AND BUILT ACCORDING TO THE CITY OF ALBUQUERQUE STANDARDS.
- G. AN ACCESSIBLE ROUTE, IN COMPLIANCE WITH ACCESSIBILITY STANDARDS OF THE PROJECT, CONNECTS FROM THE BUILDING TO ALL SITE AMENITIES AS REQUIRED.
- H. ALL LIGHT FIXTURES AND LIGHTING DESIGN SHALL COMPLY WITH THE CITY OF ALBUQUERQUE INTEGRATED DEVELOPMENT ORDINANCE (IDO); SECTION 14-16-5-8 OUTDOOR LIGHTING.
- I. SIDEWALK JOINTS SHALL FOLLOW LAYOUT AS SHOWN ON THE SITE PLAN.
- J. PROVIDE POURABLE SEALANT AT ALL EXPANSION JOINTS IN CONCRETE SIDEWALKS, WHERE EXPANSION JOINT MATERIAL IS PROVIDED BETWEEN WALLS AND SIDEWALKS, AND BETWEEN ASPHALT AND CONCRETE JOINTS.
- K. EXISTING LANDSCAPE AREAS ADJACENT TO THE PROJECT SITE ARE TO BE PROTECTED DURING DEMOLITION AND CONSTRUCTION.
- L. LANDSCAPE AND SIGNAGE WILL NOT INTERFERE WITH CLEAR SIGHT REQUIREMENTS. SIGNS, WALLS AND PLANTING BETWEEN 3 FEET AND 8 FEET TALL (AS MEASURED FROM THE GUTTER PAV) WILL NOT BE PERMITTED IN THE CLEAR SIGHT TRIANGLE.
- M. ALL SIDEWALKS AND ACCESSIBLE RAMPS TO BE CONCRETE.
- N. PARKING DETAILS NOT PROVIDED AS NO REVISIONS TO THE PARKING LOT AS PART OF THE SHARED PARKING AGREEMENT ARE PROPOSED.

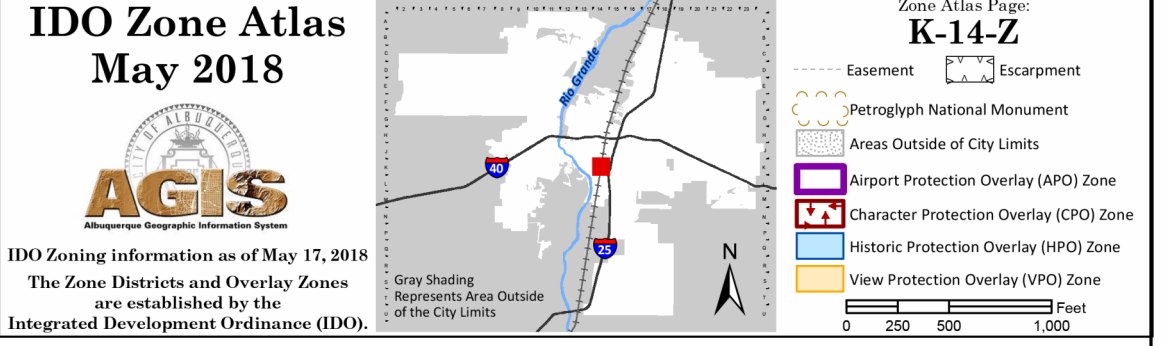
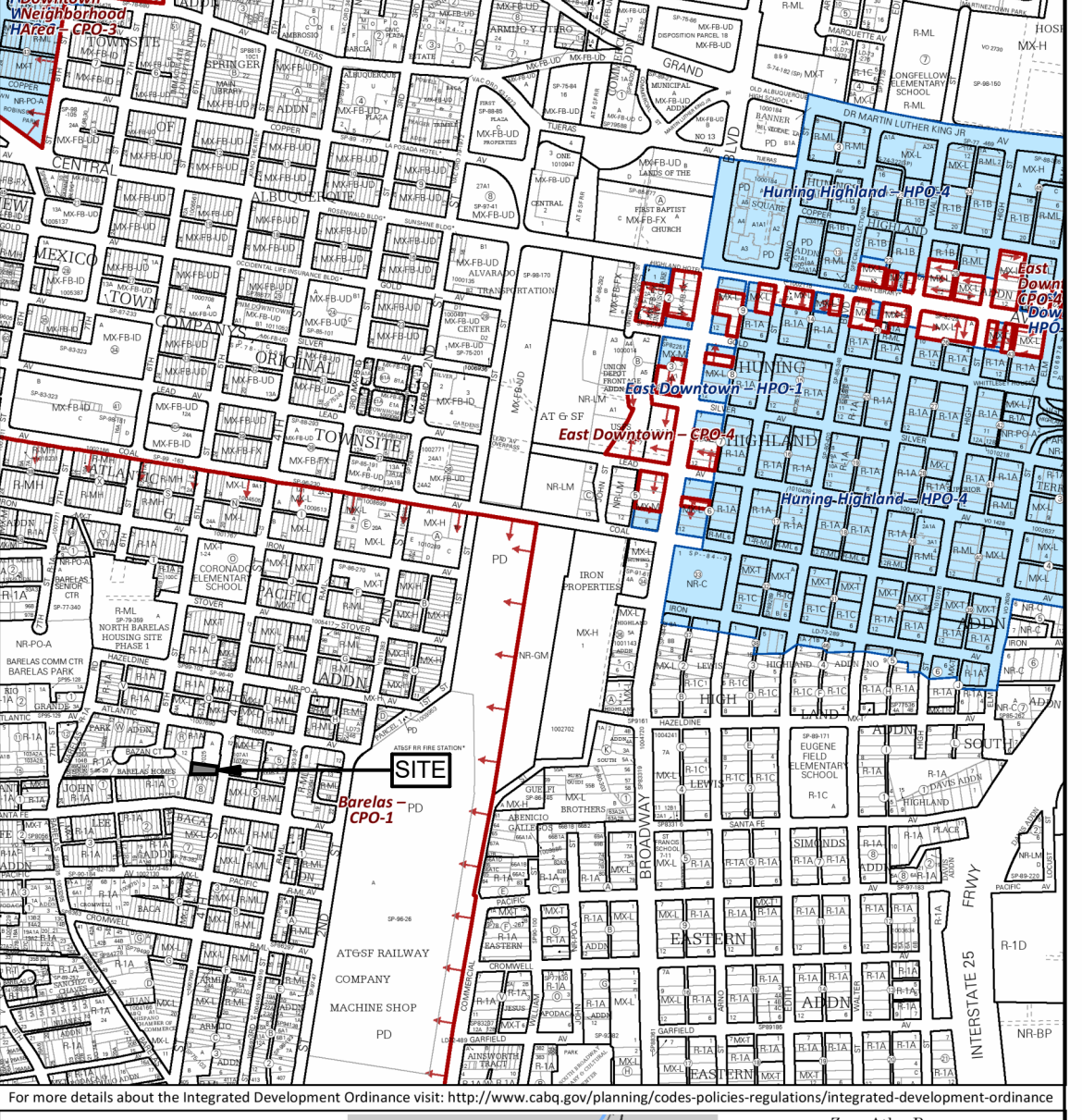
**SHEET KEYNOTES**

1. PROPERTY LINE
2. CONCRETE SIDEWALK, WIDTH AS INDICATED, REF: A4 / DFT-02
3. COVERED ENTRY ABOVE
4. 5'-0" HIGH STEEL PICKET FENCE, REF: C5 / DFT-02
5. 3'-0" WIDE 5'-0" HIGH PEDESTRIAN GATE WITH KEYS LOCK TO ENTER AND PUSH TO EXIT HARDWARE, REF: C4 / DFT-02
6. CAST IN PLACE CONCRETE RAISED PLANTER, REF: B2 / DFT-02
7. BICYCLE RACK, REF: A6 / DFT-02
8. 2'-0" WIDE CONCRETE APRON SLOPED AWAY FROM BUILDING, REF: B3 / DFT-02
9. SITE BENCH, OWNER PROVIDED
10. PREMANUFACTURED PLANTER, OWNER PROVIDED
11. LANDSCAPED AREA
12. VERTICAL WATER STORAGE TANK, OWNER PROVIDED
13. SIDEWALK CULVERT, REF: CIVIL
14. CONCRETE CURB AND GUTTER, REF: CIVIL / B4 / DFT-02
15. STABILIZED CRUSHERIES
16. EXISTING FIRE HYDRANT TO REMAIN
17. AWNING / SHADE DEVICE ABOVE
18. EXISTING CHAINLINK FENCE TO REMAIN
19. EXISTING GAS METER TO REMAIN
20. EXISTING PIPE BOLLARD TO REMAIN
21. EXISTING GATE TO REMAIN
22. EXISTING PIV CONNECTION TO REMAIN
23. EXISTING CMU WALL TO REMAIN
24. SITE POLE LIGHT ON CONCRETE BASE, REF: A2 / DFT-02
25. ROOF COLLECTOR HEAD AND DOWNSPOUT
26. HOT BOX ENCLOSURE
27. 10% MAXIMUM FRONT YARD SETBACK DEVIATION

**PROJECT DATA**

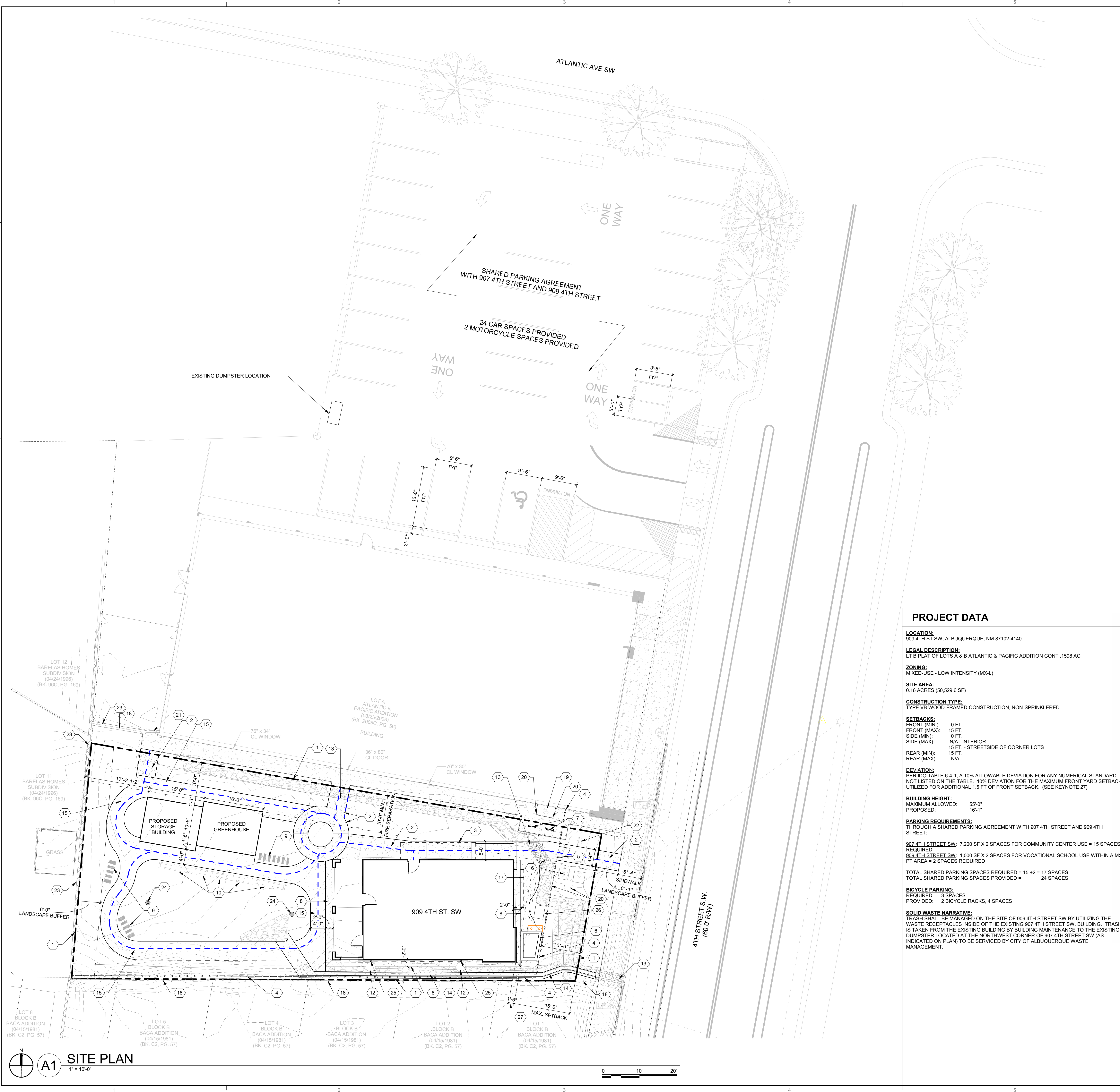
**LOCATION:** 909 4TH ST SW, ALBUQUERQUE, NM 87102-4140  
**LEGAL DESCRIPTION:** LT B PLAT OF LOTS A & B ATLANTIC & PACIFIC ADDITION CONT. 1598 AC  
**ZONING:** MIXED USE - LOW INTENSITY (MX-L)  
**SITE AREA:** 0.16 ACRES (50,529.6 SF)  
**CONSTRUCTION TYPE:** TYPE VB WOOD-FRAMED CONSTRUCTION, NON-SPRINKLERED  
**SETBACKS:**  
 FRONT (MIN.): 0 FT.  
 FRONT (MAX): 15 FT.  
 SIDE (MIN): 0 FT.  
 SIDE (MAX): N/A - INTERIOR  
 REAR (MIN): 15 FT. - STREETSIDE OF CORNER LOTS  
 REAR (MAX): N/A  
**DEVIATION:** PER IDO TABLE 6-4-1, A 10% ALLOWABLE DEVIATION FOR ANY NUMERICAL STANDARD NOT LISTED ON THE TABLE. 10% DEVIATION FOR THE MAXIMUM FRONT YARD SETBACK UTILIZED FOR ADDITIONAL 1.5 FT OF FRONT SETBACK. (SEE KEYNOTE 27)  
**BUILDING HEIGHT:**  
 MAXIMUM ALLOWED: 55'-0"  
 PROPOSED: 16'-11"  
**PARKING REQUIREMENTS:**  
 THROUGH A SHARED PARKING AGREEMENT WITH 907 4TH STREET AND 909 4TH STREET:  
 907 4TH STREET SW: 7,200 SF X 2 SPACES FOR COMMUNITY CENTER USE = 15 SPACES REQUIRED  
 909 4TH STREET SW: 1,000 SF X 2 SPACES FOR VOCATIONAL SCHOOL USE WITHIN A MFT AREA = 2 SPACES REQUIRED  
 TOTAL SHARED PARKING SPACES REQUIRED = 15 + 2 = 17 SPACES  
 TOTAL SHARED PARKING SPACES PROVIDED = 24 SPACES  
**BICYCLE PARKING:**  
 REQUIRED: 3 SPACES  
 PROVIDED: 2 BICYCLE RACKS, 4 SPACES  
**SOLID WASTE NARRATIVE:**  
 TRASH SHALL BE MANAGED ON THE SITE OF 909 4TH STREET SW BY UTILIZING THE WASTE RECEPTACLES INSIDE OF THE EXISTING 907 4TH STREET SW BUILDING. TRASH IS TAKEN FROM THE EXISTING BUILDING BY BUILDING MAINTENANCE TO THE EXISTING DUMPSTER LOCATED AT THE NORTHWEST CORNER OF 907 4TH STREET SW (AS INDICATED ON PLAN) TO BE SERVICED BY CITY OF ALBUQUERQUE WASTE MANAGEMENT.

**ZONE ATLAS**

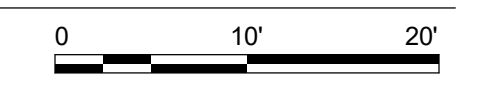


**LEGEND**

- PROPERTY LINE
- ○ ○ ○ ○ FENCE
- - - - - SETBACK
- SITE POLE LIGHT ON CONCRETE BASE
- - - - - DASHED HALFTONE LINE INDICATES OWNER PROVIDED ITEM
- - - - - ACCESSIBLE ROUTE



**A1 SITE PLAN**  
 1" = 10'-0"



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SEAL

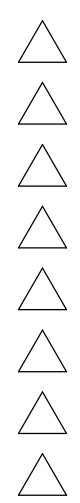


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DRAWN BY SP

REVIEWED BY DM, HFG

DATE 04/13/2026

PROJECT NO 25-0121

DRAWING NAME

SITE DETAILS

SHEET NO

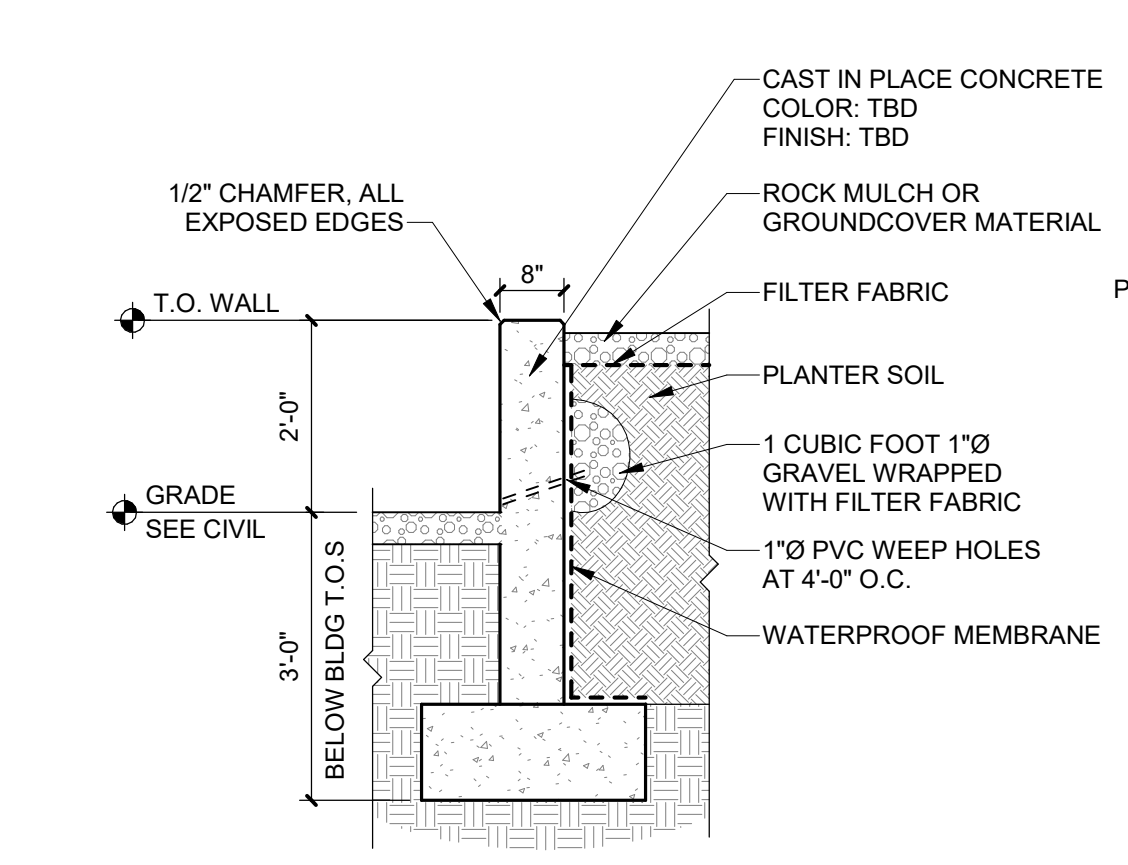
DFT-02



**B2 CONCRETE PLANTER WALL**  
1/2" = 1'-0"



**B3 CONCRETE APRON**  
1 1/2" = 1'-0"



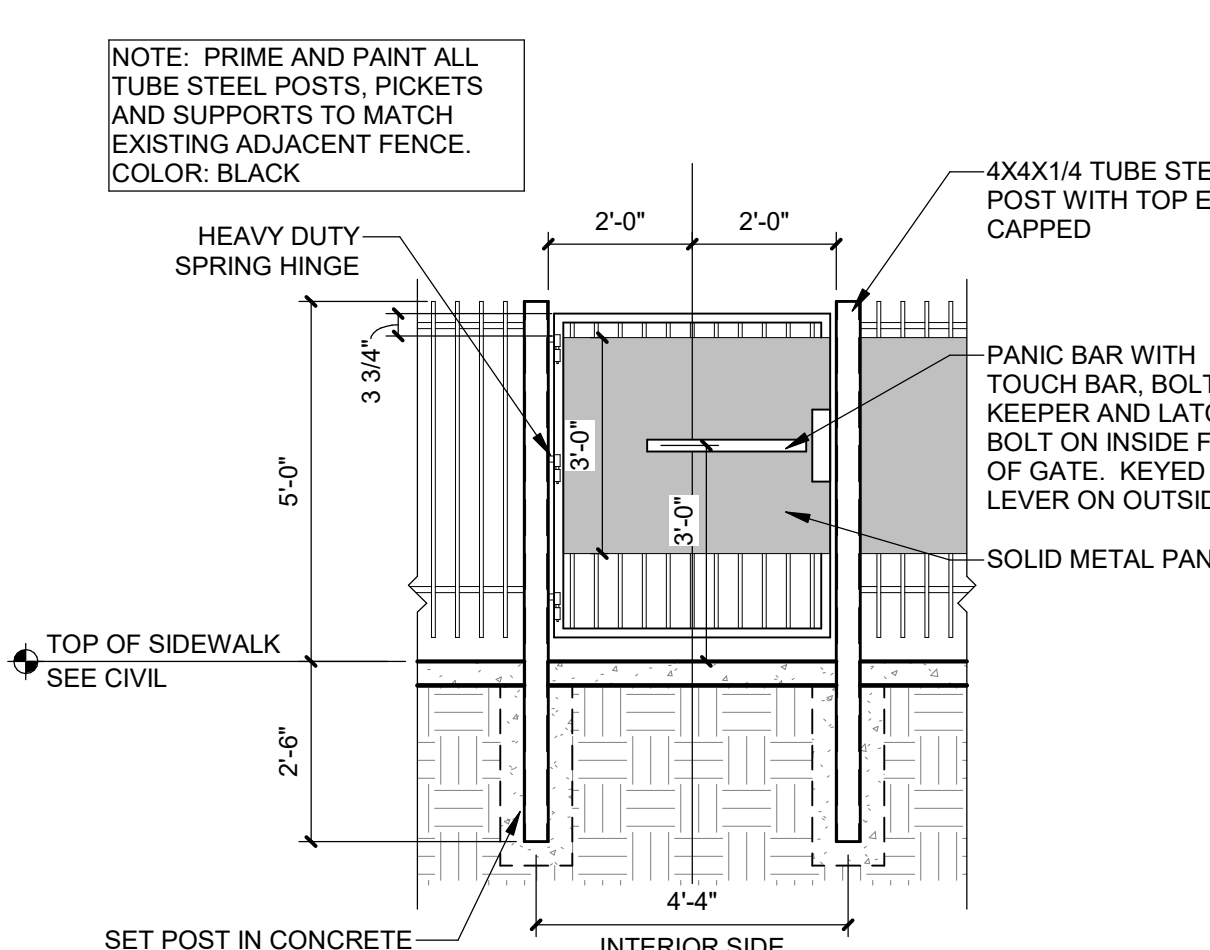
**A2 LIGHT POLE BASE**  
3/4" = 1'-0"

DESIGN NOTES:  
1. COORDINATE WITH STRUCTURAL TO CONFIRM THE FOOTING AND SCHEDULE WORKS WITH SPECIFIC SITE CONDITIONS.  
2. CONFIRM HEIGHT OF PIER ABOVE GRADE.

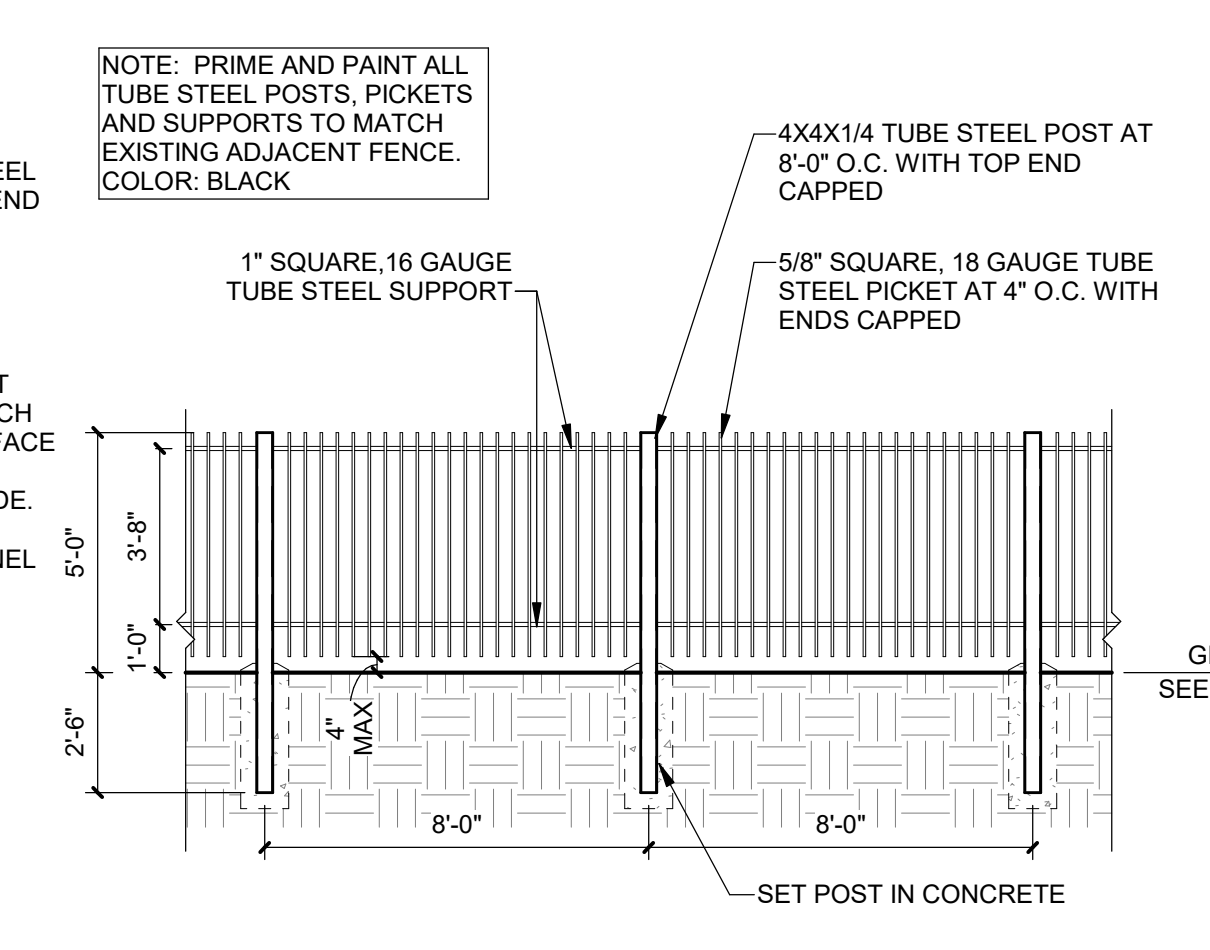
MAXIMUM POLE HEIGHT	MINIMUM FOOTING DEPTH
8'-0"	2'-6"
12'-0"	3'-0"
20'-0"	4'-0"
30'-0"	5'-0"
40'-0"	6'-0"

Fc = 4000 PSI CONCRETE MINIMUM

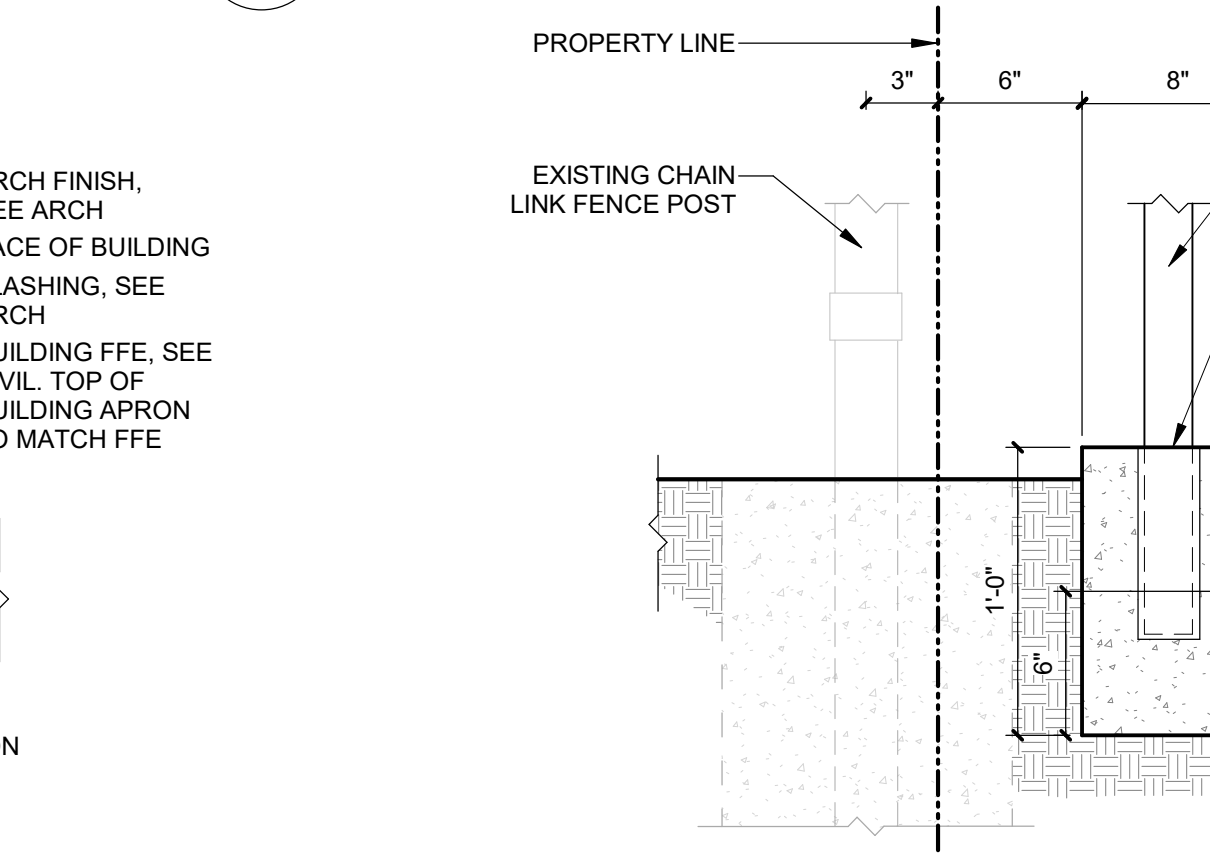
**B4 CONCRETE CURB AND GUTTER**  
1 1/2" = 1'-0"



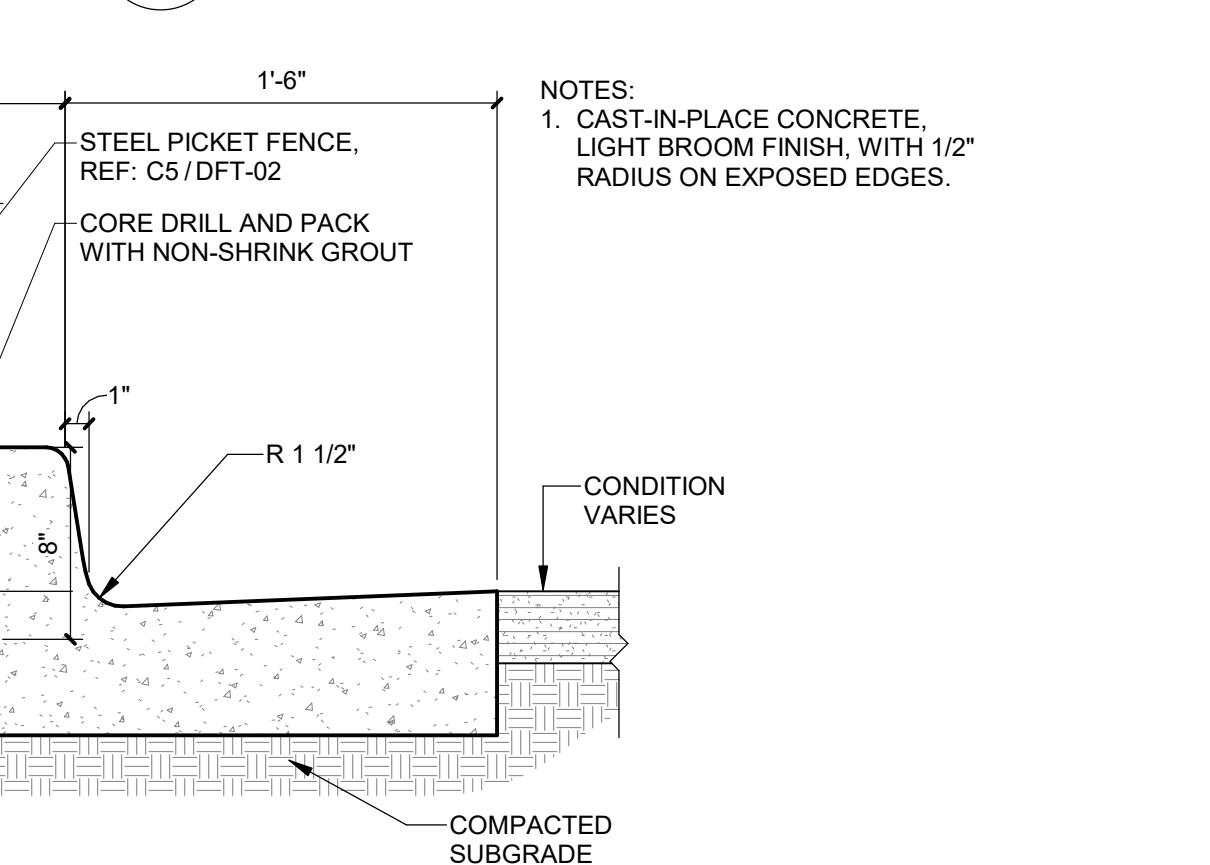
**C4 PEDESTRIAN GATE**  
3/8" = 1'-0"



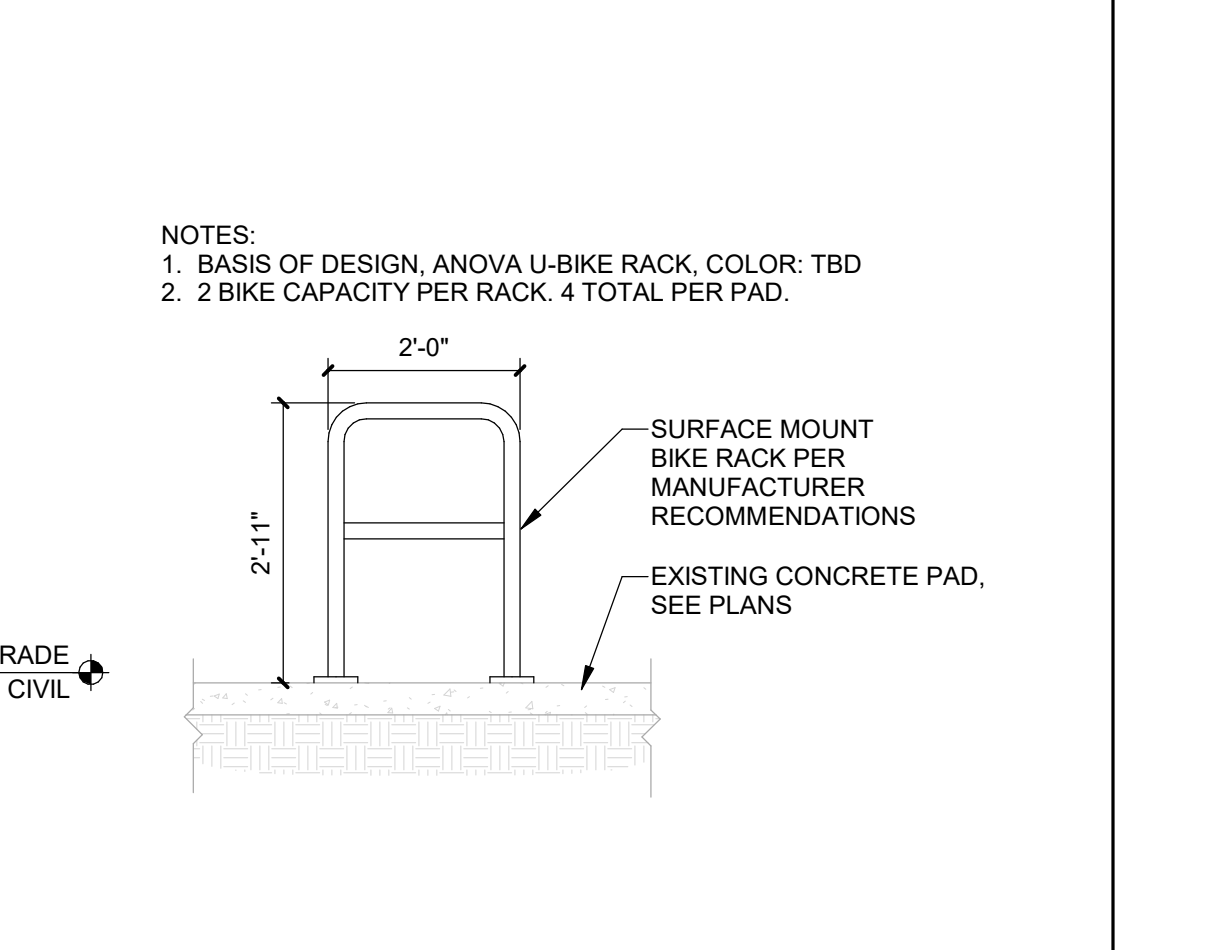
**C5 STEEL PICKET FENCE**  
1/4" = 1'-0"



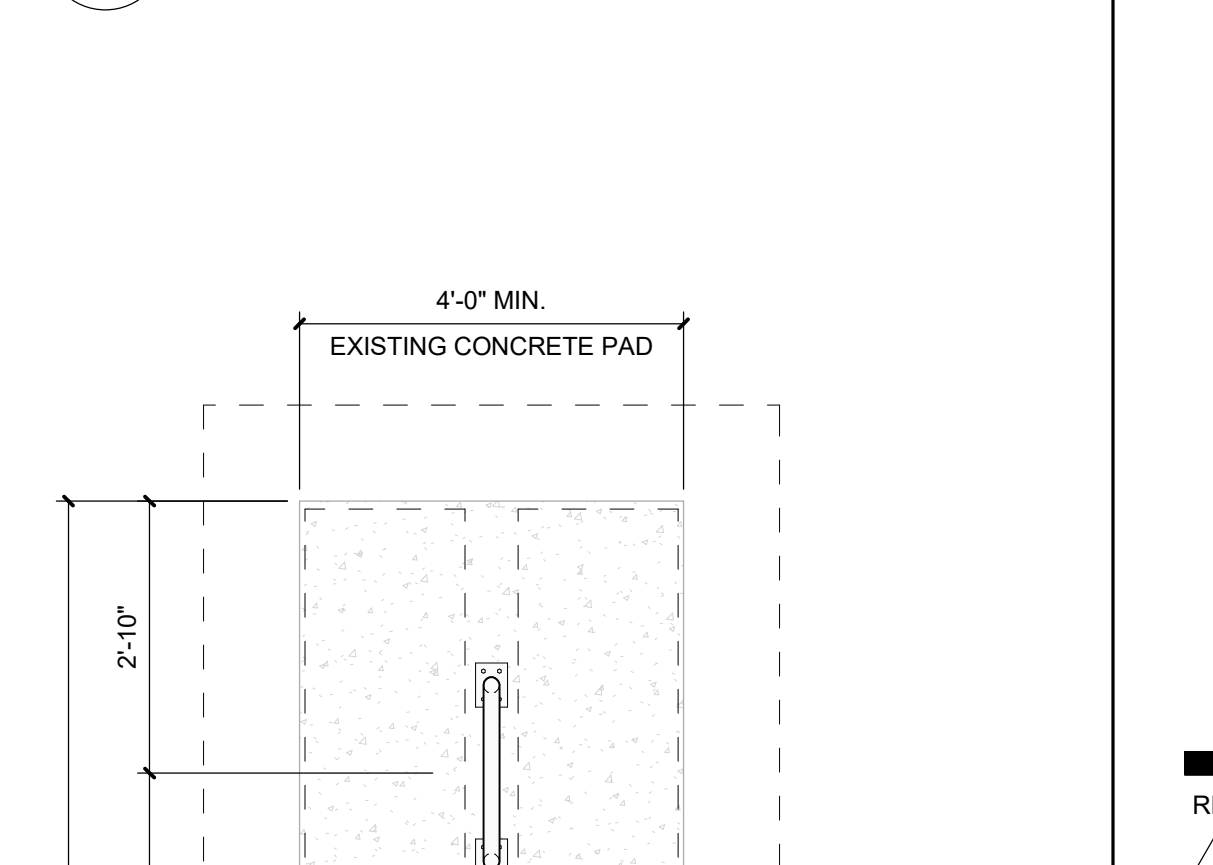
**A4 CONCRETE SIDEWALK**  
1 1/2" = 1'-0"



**A5 CONCRETE JOINTS**  
1 1/2" = 1'-0"



**C6 BICYCLE RACK**  
1/2" = 1'-0"

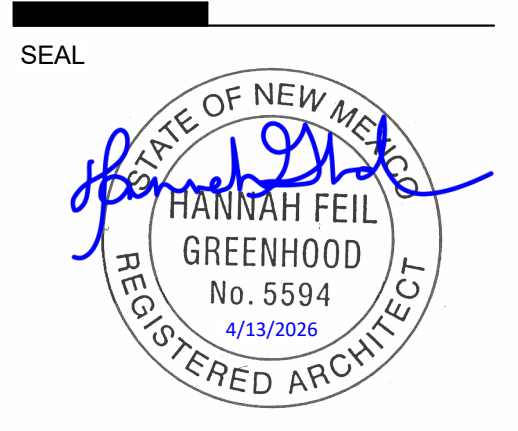


**A6 BICYCLE RACK**  
1/2" = 1'-0"

CONTROL AND EXPANSION JOINT SPACING - UNLESS NOTED OTHERWISE ON PLANS

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	8' OC
EXPANSION JOINTS	16' OC	15' OC	24' OC	18' OC

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DRAWING NAME  
EXTERIOR BUILDING ELEVATIONS

SHEET NO  
DFT-03

GENERAL SHEET NOTES

- A. BUILDINGS SHALL HAVE HIGHLY VISIBLE SIGNAGE WITH CONTRASTING COLORS, LIT FROM DUSK UNTIL DAWN.
- B. ROOF GUTTERS AND DOWNSPOUTS DIRECT DRAINAGE AWAY FROM BUILDING TO USE IN LANDSCAPED AREAS.
- C. WATER IS DIVERTED AWAY FROM BUILDING WALLS AND FOUNDATIONS BY SLOPING THE EXTERIOR GRADE AWAY FROM THE BUILDING AND USE OF 2 FT. SLOPED CONCRETE APRON ON BUILDING PERIMETER. REFERENCE CIVIL GRADING PLANS.
- D. ALL EXTERIOR COLOR CHANGES TO OCCUR AT INSIDE CORNERS, UNLESS NOTED OTHERWISE.
- E. FINISH FLOOR INDICATED AS 100'-0". ALL VERTICAL DIMENSIONS ARE FROM 100'-0". REFERENCE CIVIL DRAWINGS FOR FINISH GRADES.
- F. ALL STEEL ELEMENTS ARE TO BE PRIMED AND PAINTED, UNLESS NOTED OTHERWISE.
- G. PAINT ALL WALL AND ROOF MOUNTED EQUIPMENT THAT ARE NOT PREFINISHED TO MATCH COLOR OF ADJACENT SURFACE, UNLESS NOTED OTHERWISE.
- H. LOCATE VERTICAL STUCCO CONTROL JOINTS AT EDGES OF FENESTRATIONS (WINDOWS AND DOORS), UNLESS NOTED OTHERWISE.

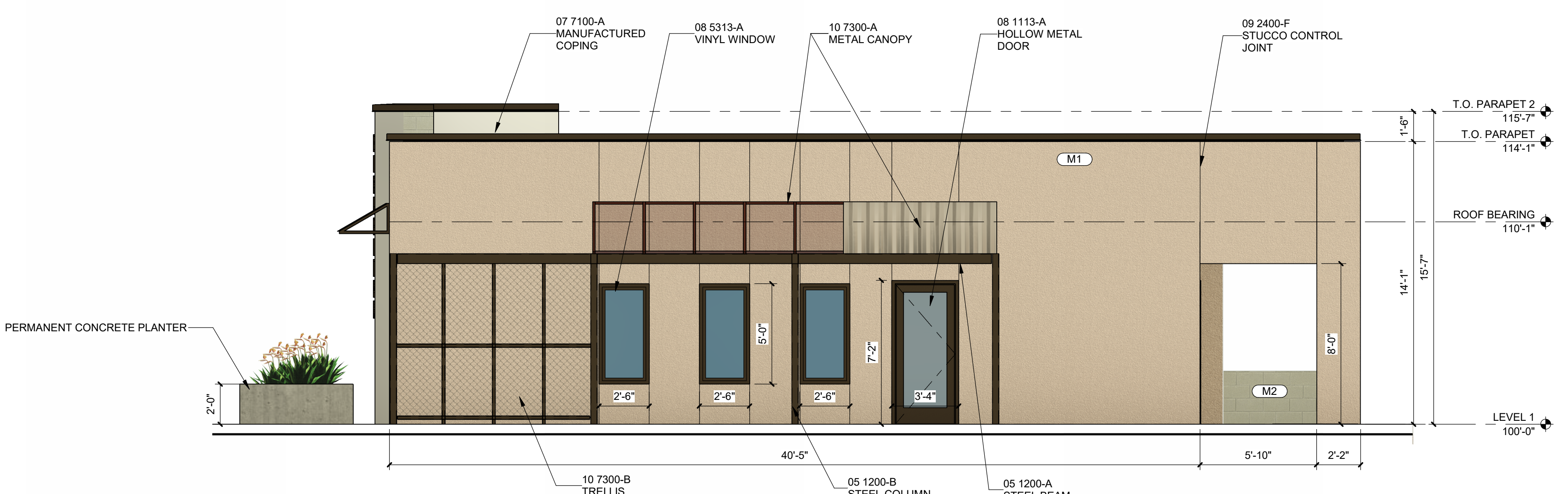
SHEET KEYNOTES

REFERENCE KEYNOTES

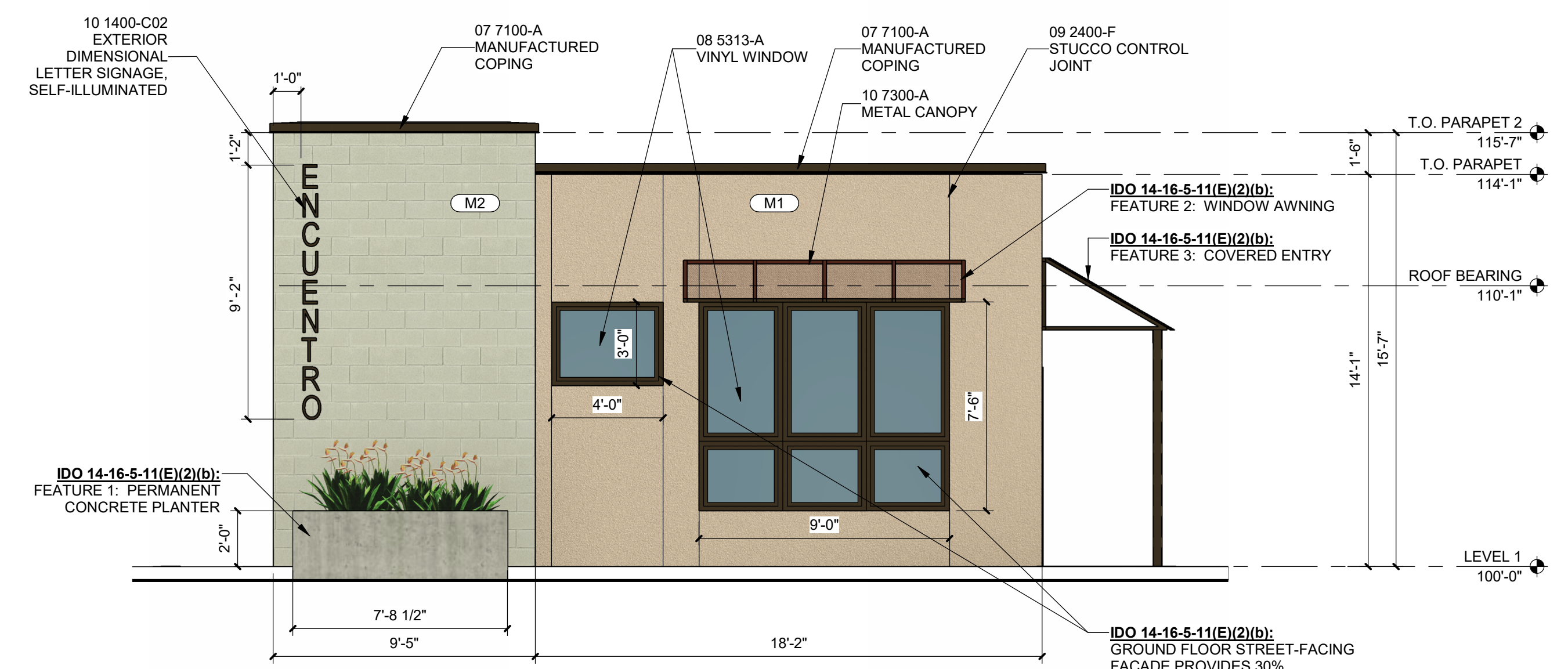
- 05 1200-A STEEL BEAM
- 05 1200-B STEEL COLUMN
- 07 6200-E METAL DOWNSPOUT
- 07 7100-A MANUFACTURED COPING
- 08 1113-A HOLLOW METAL DOOR
- 08 5313-A VINYL WINDOW
- 09 2400-F STUCCO CONTROL JOINT
- 10 1400-C02 EXTERIOR DIMENSIONAL LETTER SIGNAGE, SELF-ILLUMINATED
- 10 7300-A METAL CANOPY
- 10 7300-B TRELIS

LEGEND

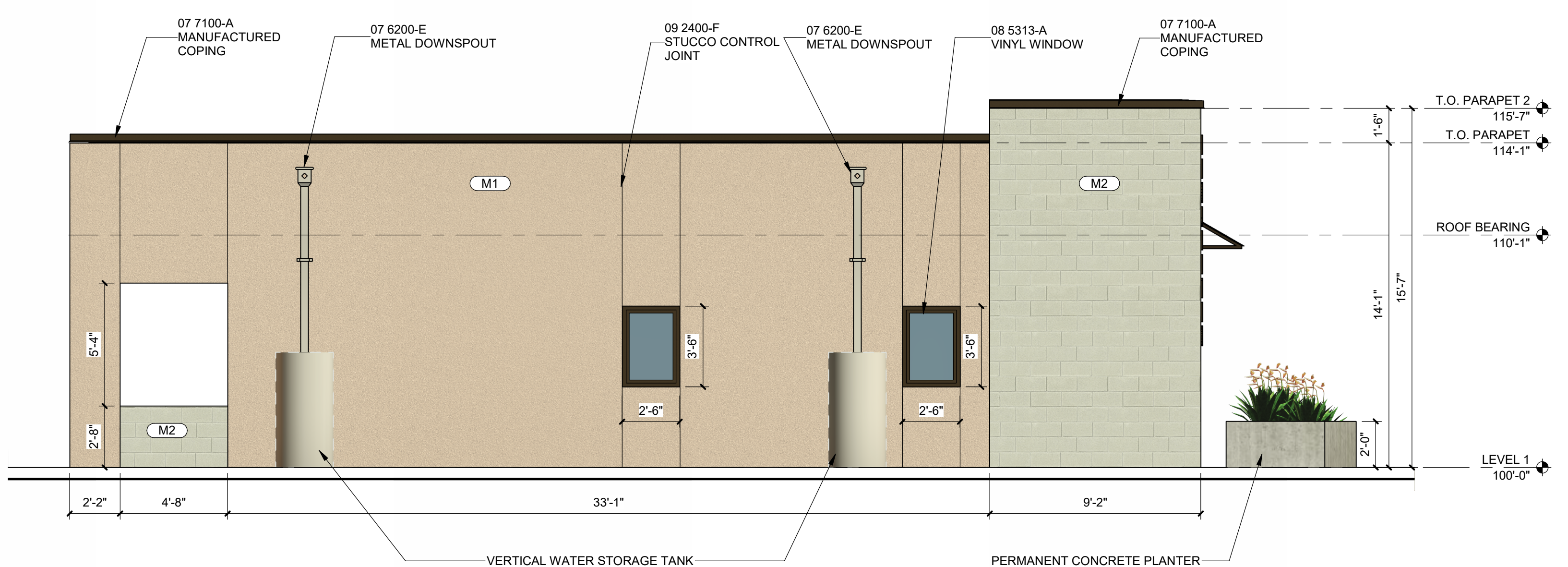
- M1 CEMENT PLASTER STUCCO / BROWN, NEUTRAL COLOR
- M2 3 MATERIAL OPTIONS:  
1. CONCRETE OR CMU  
2. STUCCO / GRAY OR DARK NEUTRAL COLOR  
3. METAL PANEL



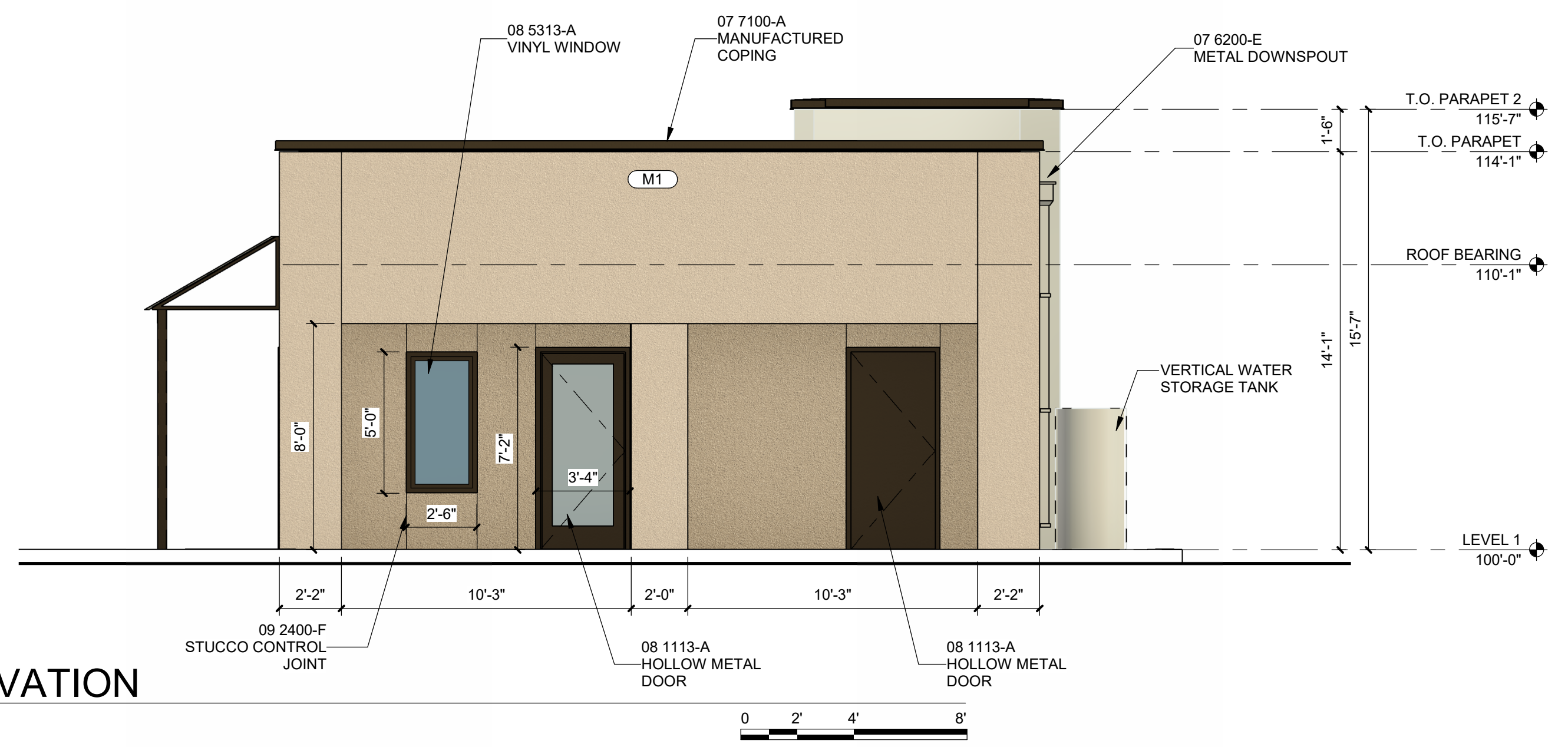
E4 NORTH ELEVATION  
1/4" = 1'-0"



D4 EAST ELEVATION - STREET-FACING FACADE  
1/4" = 1'-0"



B4 SOUTH ELEVATION  
1/4" = 1'-0"

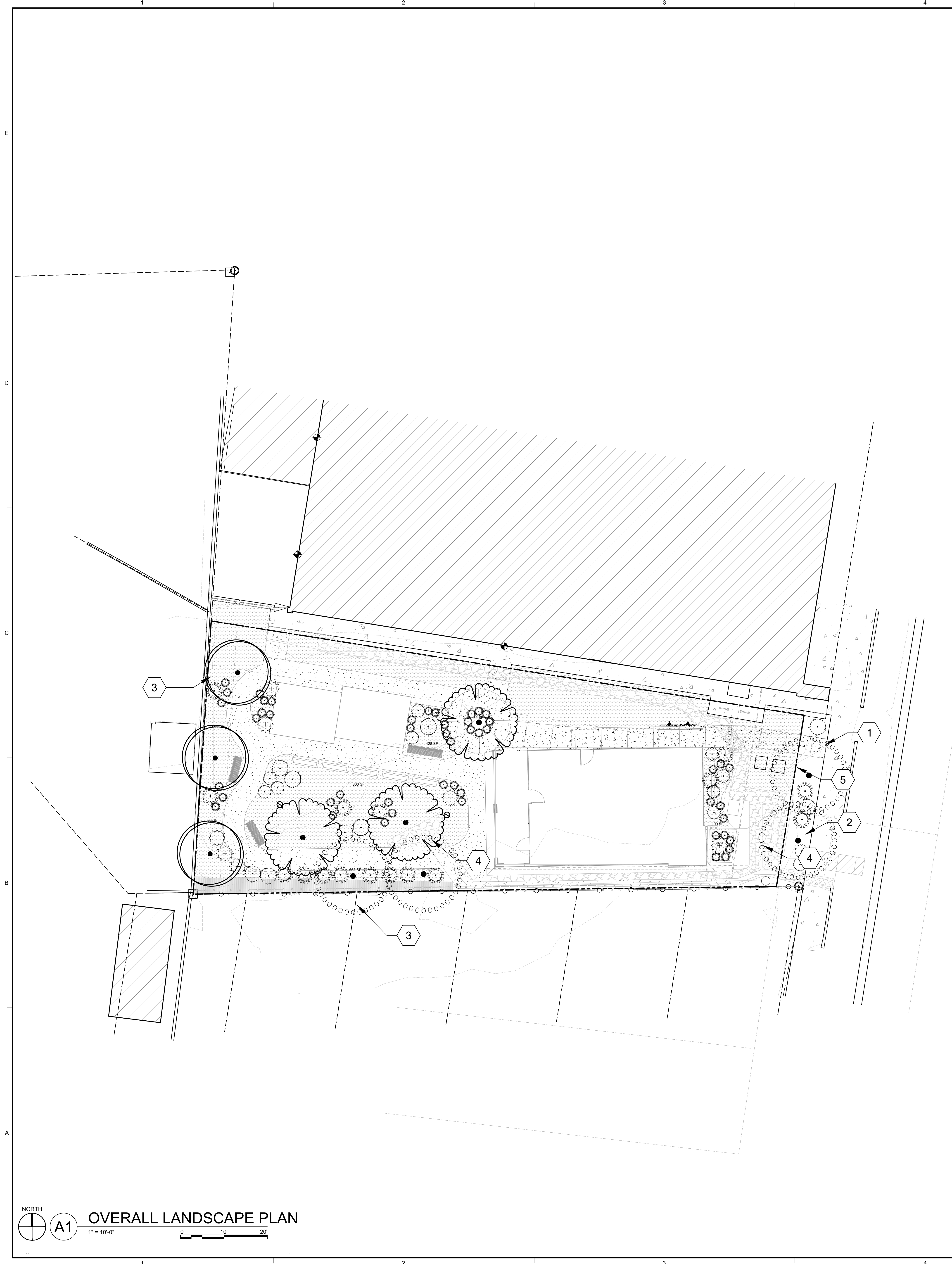


A4 WEST ELEVATION  
1/4" = 1'-0"

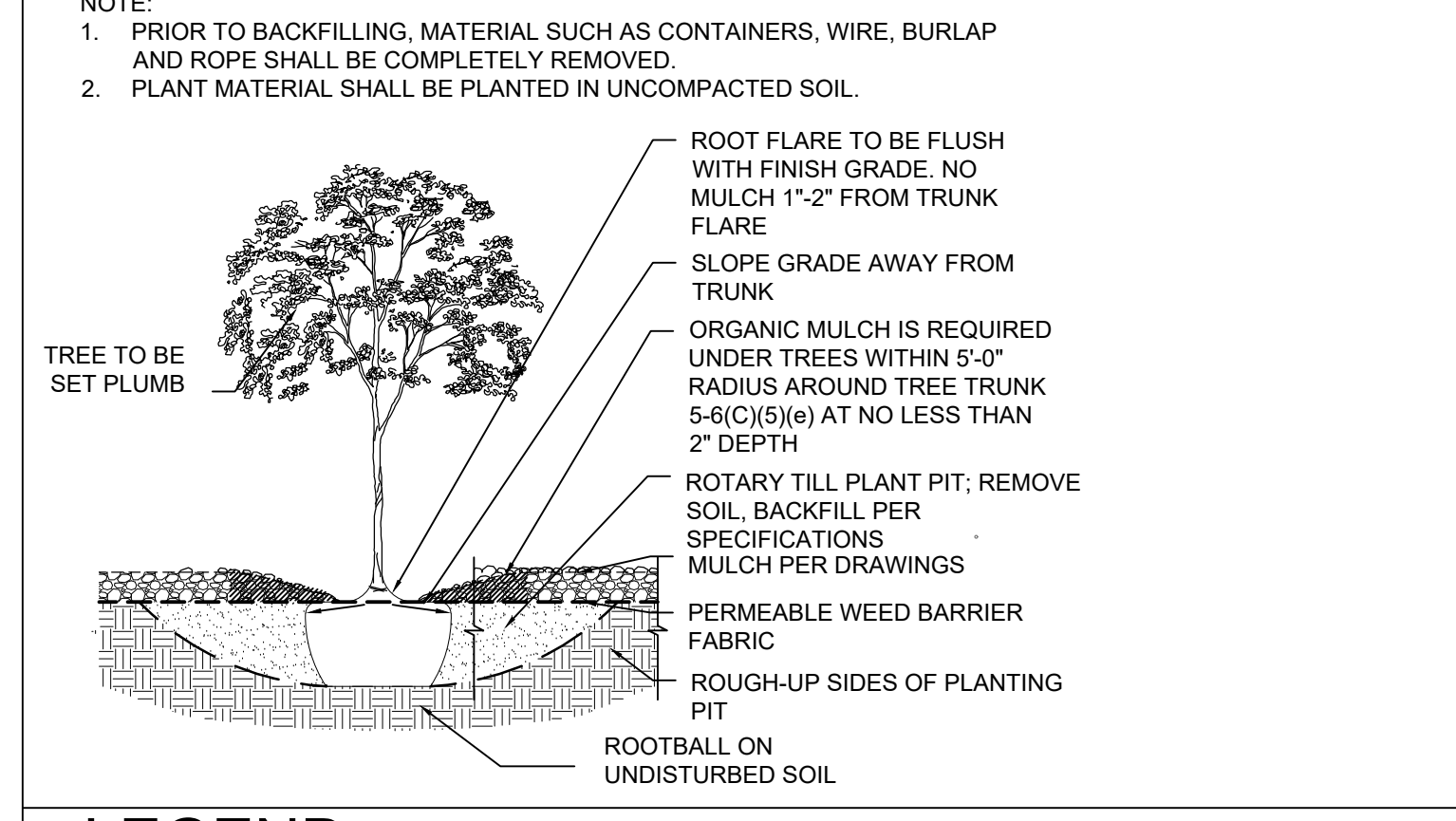


A1 FOR REFERENCE ONLY  
NOT TO SCALE

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### TREE PLANTING DETAIL



### LEGEND

#### PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SIZE
<b>TREES</b>				
	4	PISTACIA CHINENSIS	CHINESE PISTACHE	2" CAL.
	3	PROSOPIS GLANDULOSA 'MAVERICK'	MAVERICK THORNLESS HONEY MESQUITE	2" CAL.
	3	ULMUS PARVIFOLIA	LACEBARK ELM	2" CAL.
<b>SHRUBS</b>				
	12	BAILEYA MULTIRADIATA	DESERT MARIGOLD	5 GAL.
	49	FESTUCA X 'CAROLINA BLUE II'	CAROLINA BLUE II FESCUE	5 GAL.
	7	HESPERALOE X 'PERFU'	PINK PARADE RED YUCCA	5 GAL.
	3	INDIGOFERA FRUTICOSA	INDIGO BUSH	5 GAL.
	16	MUHLENBERGIA RIGENS	DEER GRASS	5 GAL.
	5	SALVIA GREGGII	AUTUMN SAGE	5 GAL.
	2	UNCARIA TOMENTOSA	CATSCRAW	5 GAL.

### GENERAL SHEET NOTES

- RESPONSIBILITY FOR MAINTENANCE: THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF THE LANDSCAPE DURING CONSTRUCTION AND DURING A 90 DAY-MAINTENANCE PERIOD FOLLOWING SUBSTANTIAL COMPLETION. THE OWNER WILL BE RESPONSIBLE FOR MAINTENANCE FOLLOWING THE 90-DAY MAINTENANCE PERIOD.
  - MINIMUM PLANT SIZES STANDARDS: 2" CALIPER STREET TREES OR 40" BOX, 2" CALIPER STREET TREES OR 24" BOX FOR OTHER TREES, 6" HEIGHT CONIFERS, AND 1-3 GALLON SHRUBS.
  - AREAS DISTURBED DURING CONSTRUCTION, INCLUDING AREAS NOT WITHIN THE PROPERTY LINE, WILL BE STABILIZED.
- ### IRRIGATION NOTES
- PLANTINGS SHALL BE IRRIGATED BY AN AUTOMATED IRRIGATION SYSTEM, WITH PROGRAMMABLE SETTINGS, AUTOMATED IRRIGATION CONTROLLER, AND MOISTURE SENSOR TO AVOID OVERWATERING.
  - THE IRRIGATION SYSTEM SHALL COMPLY WITH SECTION 8 OF THE ABC/WIA LEGISLATION AND ORDINANCES.
  - THE IRRIGATION SYSTEM SHALL BE DESIGNED TO MINIMIZE THE USE OF WATER.
  - THE IRRIGATION SYSTEM SHALL NOT IRRIGATE IMPERVIOUS SURFACES, INCLUDING SIDEWALKS, DRIVEWAYS, STREETS AND PARKING OR LOADING AREAS.
  - IRRIGATION POINT OF CONNECTION TO THE CITY WATER WILL BE LOCATED WITHIN PROPERTY LIMITS AND SHALL COMPLY WITH THE CITY OF ALBUQUERQUE REDUCED PRESSURE BACKFLOW PREVENTER STANDARDS AND SPECIFICATIONS.
  - RUN TIMES AND IRRIGATION ZONES SHALL BE BASED UPON PLANT SPECIES AND THEIR ESTABLISHMENT RUN TIMES SHALL BE REGULARLY ADJUSTED ACCORDING TO PLANT MATURITY, SEASON, LOCATION AND PERFORMANCE.
  - IRRIGATION SYSTEM SHALL BE DESIGNED TO BE CONNECTED TO REUSE WATER IF AND WHEN THAT LINE IS EXTENDED TO THE SITE.

### SHEET KEYED NOTES

- ENTRANCE AND COMMON AREAS
- STREET FRONTAGE
- PERIMETER LANDSCAPE AREAS
- PASSIVE WATER HARVESTING AREAS
- 6FT STREET BUFFER

### LANDSCAPE AREA CALCS

LOT AREA TOTAL: 7,057 SF  
 AREA OF LOT COVERED BY BUILDINGS: 1,319 SF  
 NET SITE AREA: 5,738 SF

REQUIRED LANDSCAPE:  
 REQUIRED LANDSCAPE AREA (10% OF NET LOT AREA):  
 = 0.10 x 5,738 = 574 SF  
 (Per 5-6(C)(2)(B))

PROVIDED LANDSCAPE AREA: 1,435 SF = 25%  
 REQUIRED VEGETATIVE COVERAGE:  
 REQUIRED COVERAGE = 75% OF PROVIDED LANDSCAPE AREA:  
 = 0.75 x 1,435 = 1,076 SF  
 (Per 5-6(C)(2)(C)(1))

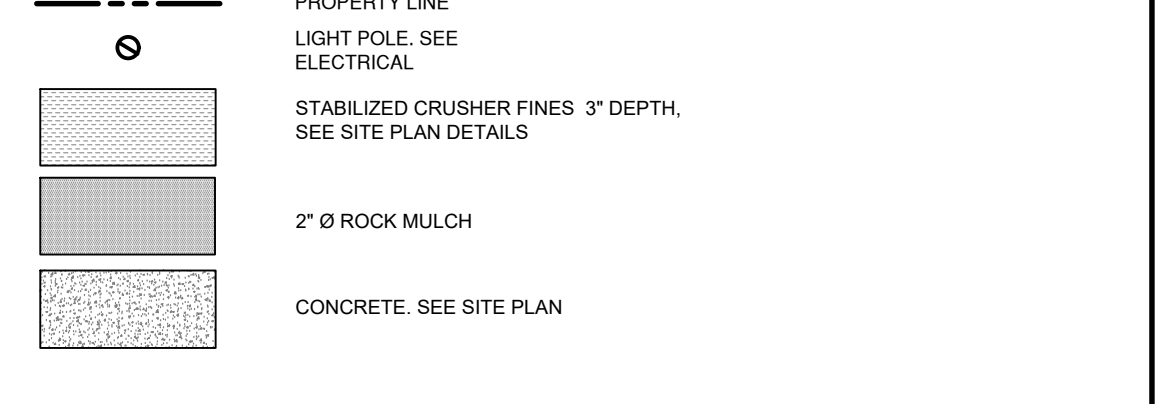
GROUND-LEVEL PLANT REQUIREMENT:  
 MINIMUM 25% OF REQUIRED VEGETATION:  
 = 0.25 x 1,076 = 269 SF  
 LANDSCAPE PROVIDED: 11 TREES AND 95 SHRUBS PROVIDED  
 (Per 5-6(C)(2)(C)(2))

PROVIDED LANDSCAPE COVERAGE:  
 PROVIDED TOTAL LANDSCAPE COVERAGE: 1,100 SF  
 GROUND-LEVEL PLANT COVERAGE: 300 SF  
 TREE CANOPY COVERAGE: 800 SF  
 STREETScape:

STREET TREES PROVIDED AT 25 FT ON CENTER (WHERE APPLICABLE)  
 (Per 5-6(D)(1)(A))  
 STREETScape: 2 TREES AND 4 SHRUBS PROVIDED

ENTRANCES & COMMON AREAS = 85% COVERAGE PROVIDED  
 FRONTAGE & PRIMARY FACADES = 60% COVERAGE PROVIDED  
 SURFACE PARKING = 60% COVERAGE PROVIDED  
 PERIMETER & LOADING AREAS = 60% COVERAGE PROVIDED  
 GRAVEL ≤ 50% MAX COVER (5-6(C)(5)(C))

### LEGEND



### DFT SUBMITTAL

REVISIONS
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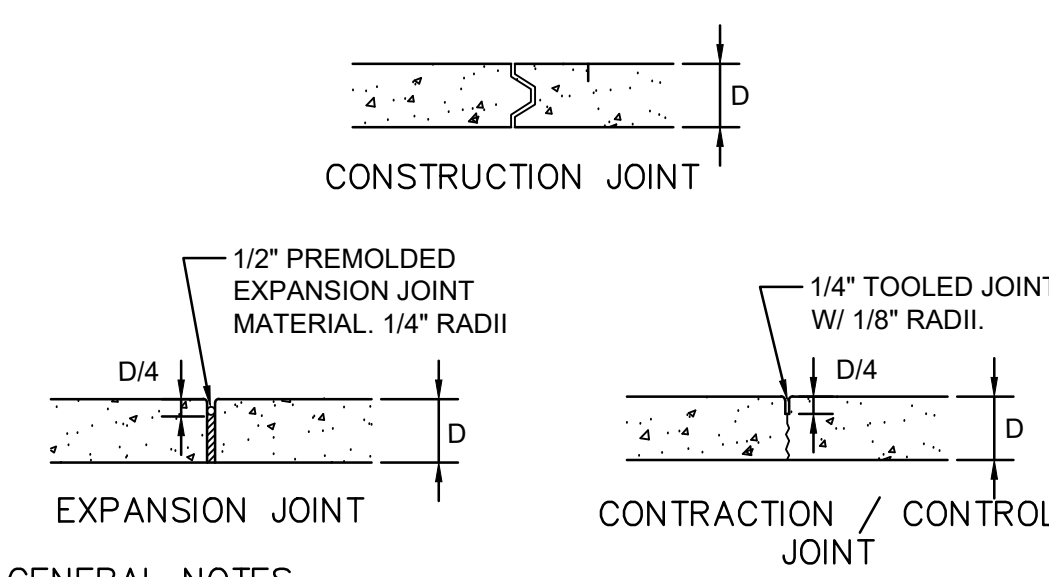
DRAWN BY	AJ
REVIEWED BY	CM
DATE	04/13/2026
PROJECT NO	25-0121

### DRAWING NAME

LANDSCAPE PLAN

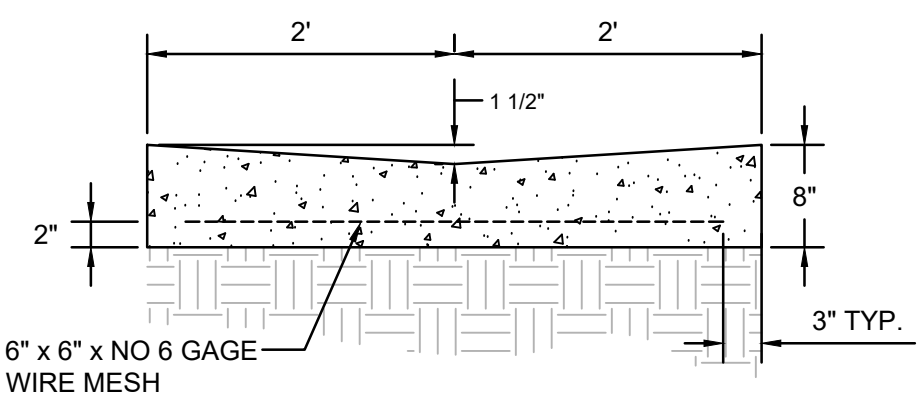






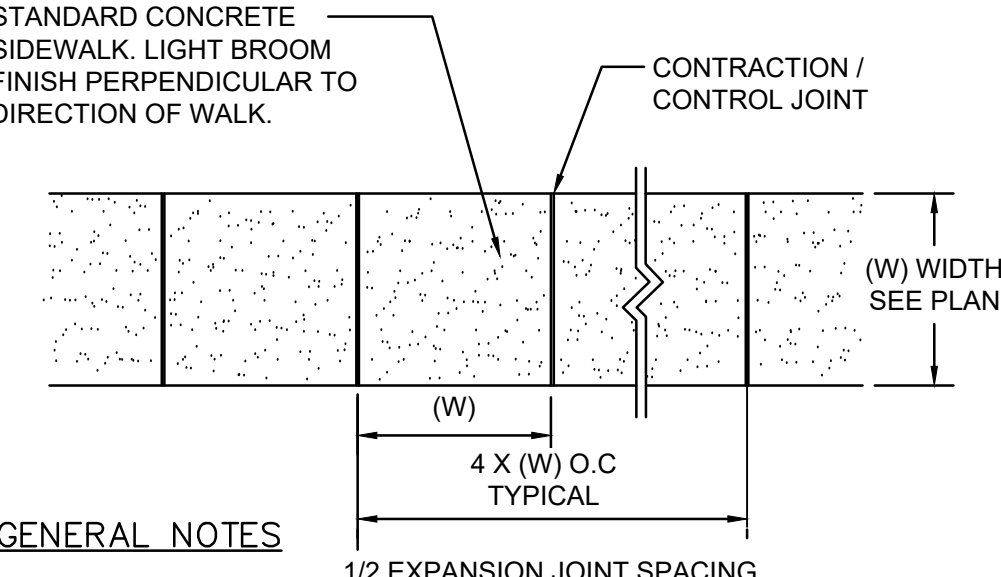
- GENERAL NOTES**
1. ODD-SHAPED AREAS OF PAVEMENT SHOULD BE AVOIDED TO MINIMIZE RANDOM CRACKING
  2. LONGITUDINAL JOINT SPACING SHALL NOT EXCEED 12.5'
  3. TRANSVERSE JOINT SPACING SHALL BE AT REGULAR INTERVALS OF 15' OR LESS
  4. OFFSETS AT RADIUS POINTS SHALL BE AT LEAST 1.5' WIDE

**SIDEWALK CONCRETE JOINTS**  
SCALE: N.T.S.



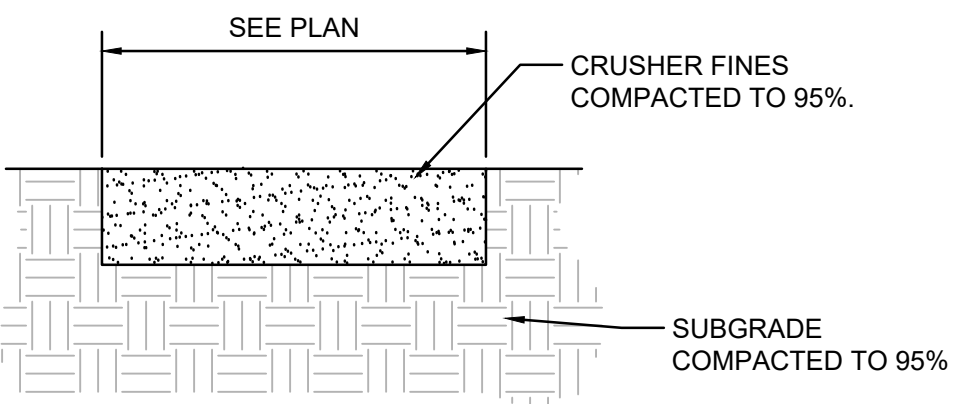
- GENERAL NOTES**
1. SEALED CONTRACTION / CONTROL JOINTS @ 6' MAX.
  2. 1/2" SEALED EXPANSION JOINTS 36" O.C.
  3. 3/8" RADII AT ALL EXPOSED EDGES.

**VALLEY GUTTER - 4' WIDE**  
SCALE: N.T.S.



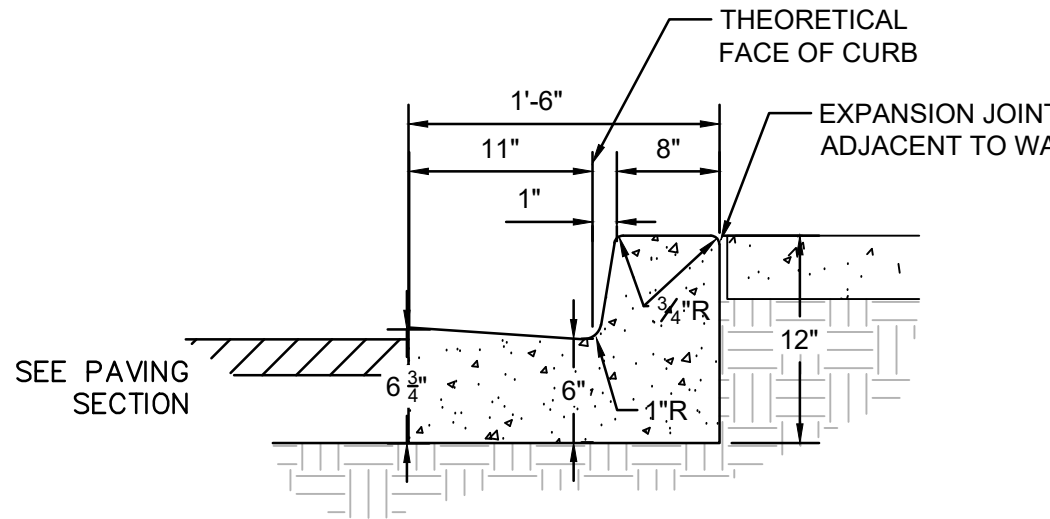
- GENERAL NOTES**
1. 4000 PSI COMPRESSIVE STRENGTH CONCRETE
  2. SEE CONCRETE JOINTS DETAIL.
  3. FINISHED EDGE OF ASPHALT PAVING TO BE 1/2" ABOVE EDGE OF CONCRETE (TYP.)
  4. 3/8" RADII AT ALL EXPOSED EDGES.

**CONCRETE WALK**  
BROOM FINISH SCALE: N.T.S.



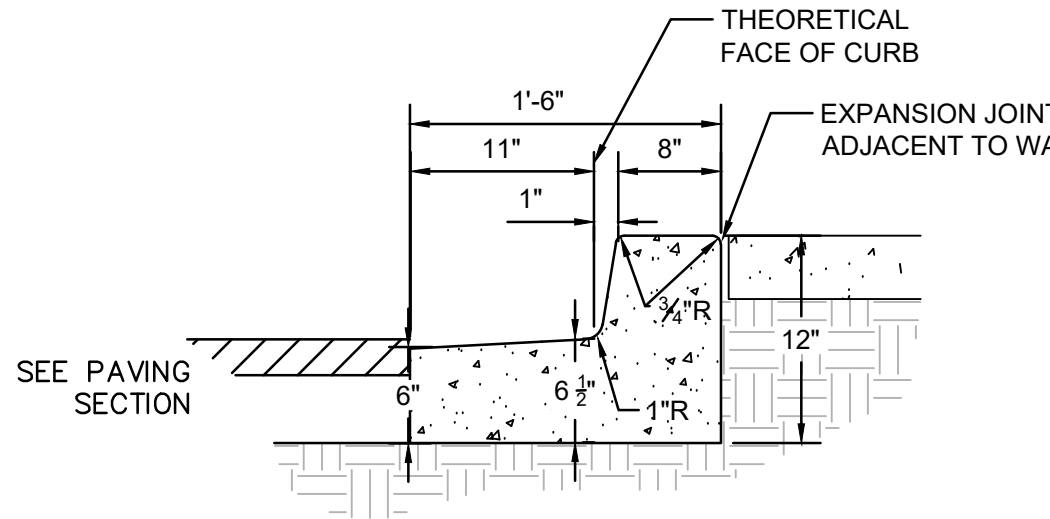
- GENERAL NOTES**
1. REFER TO CONSTRUCTION PLAN FOR CRUSHER FINES COLOR.
  2. CRUSHER FINES SHALL BE MIXED WITH ORGANIC LOOK STABILIZER, OR APPROVED EQUAL, PER MANUFACTURER'S INSTRUCTIONS.
  3. CRUSHER FINES SHALL BE INSTALLED IN 2" LIFTS. ROLL AND COMPACT WITH MOISTURE AFTER EACH LIFT.

**STABILIZED CRUSHER FINES**  
SCALE: N.T.S.



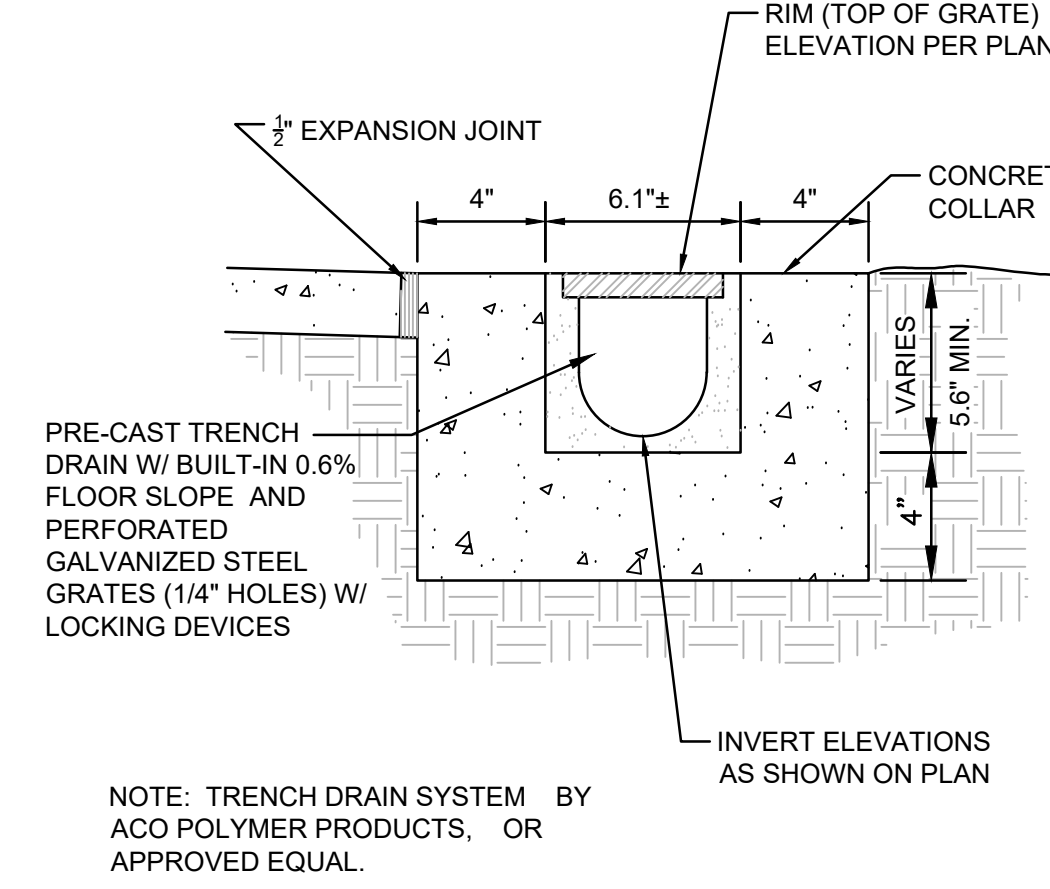
- GENERAL NOTES**
1. REQUIRES FULL FORM ON ALL FACES.
  2. CONTRACTION / CONTROL JOINTS @ 6' O.C. MAX.
  3. EXPANSION JOINTS @ 48' O.C., CURB RETURNS AND EACH SIDE OF DRIVES.
  4. EDGES NOT SPECIFICALLY DIMENSIONED SHALL BE EDGED WITH A 3/8" RADII.

**MEDIAN CURB AND GUTTER**  
8" WIDE THEORETICAL FACE OF CURB SCALE: N.T.S.



- GENERAL NOTES**
1. REQUIRES FULL FORM ON ALL FACES.
  2. CONTRACTION / CONTROL JOINTS @ 6' O.C. MAX.
  3. EXPANSION JOINTS @ 48' O.C., CURB RETURNS AND EACH SIDE OF DRIVES.
  4. EDGES NOT SPECIFICALLY DIMENSIONED SHALL BE EDGED WITH A 3/8" RADII.

**DEPRESSED MEDIAN CURB AND GUTTER**  
8" WIDE THEORETICAL FACE OF CURB SCALE: N.T.S.



NOTE: TRENCH DRAIN SYSTEM BY ACO POLYMER PRODUCTS, OR APPROVED EQUAL.

**TRENCH DRAIN**  
SCALE: N.T.S.

**Isaacson & Arfman, Inc.**  
Civil Engineering Consultants  
128 Marquis Street, NE  
Albuquerque, NM 87108  
505-268-8828 | www.iaaiv.com

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NOT FOR CONSTRUCTION

Engineer

**ENCUENTRO HHA FACILITY**  
**909 4TH STREET SW, ABQ, NM**

DESIGN	ISSUE	DATE
DEVELOPMENT	IA 2789	
PROJECT NUMBER:	FILE:	
	-SSC-	
DRAWN BY:	-FCA-	
CHECKED BY:		
DATE:		2-2-2026

No.	Date	Description

**GRADING & DRAINAGE DETAILS**

SHEET NUMBER  
**CG-501**

SEAL

PROJECT

**Encuentro Home Health Facility**  
909 4th Street SW  
Albuquerque, NM 87102

100% DESIGN DEVELOPMENT

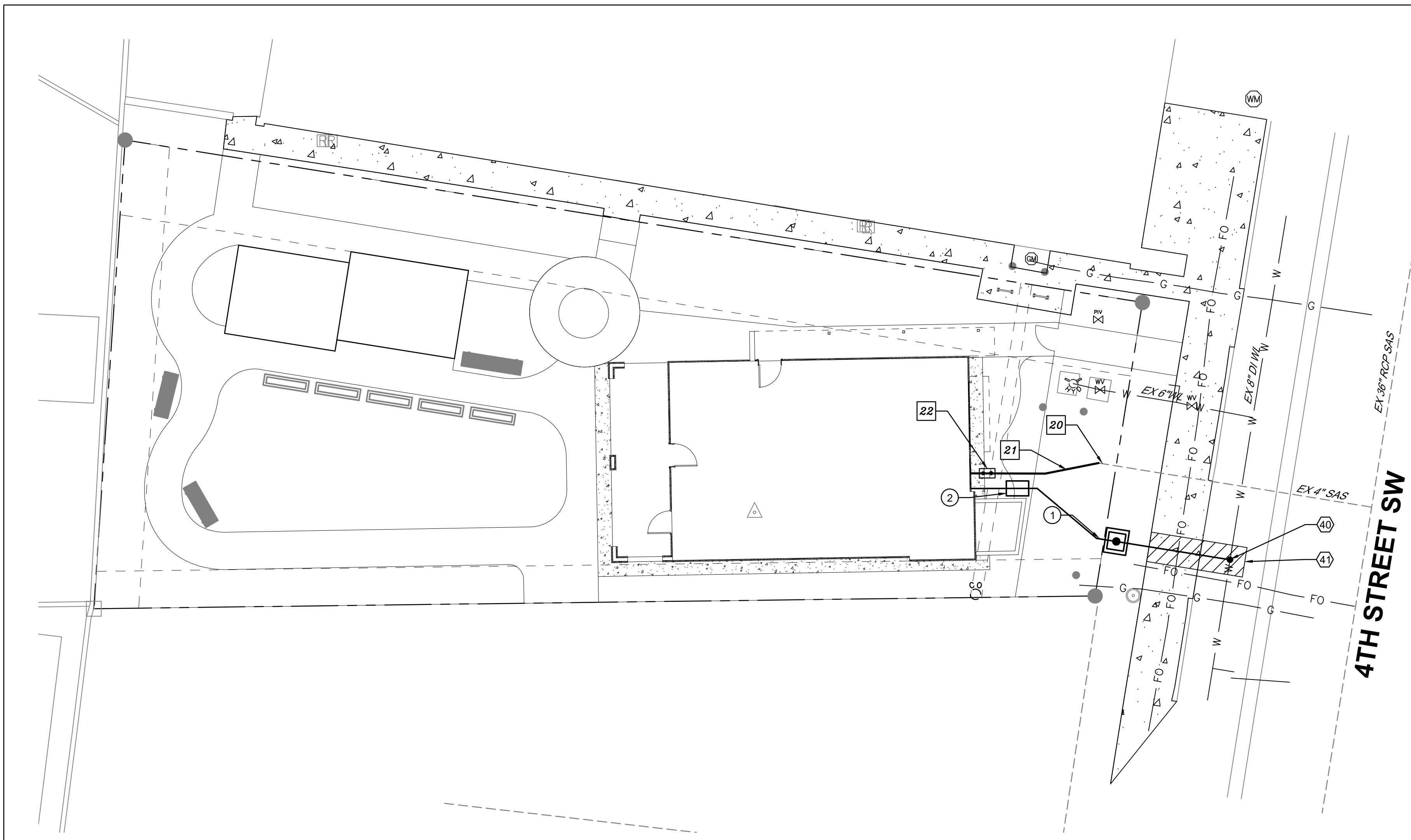
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DRAWN BY \_\_\_\_\_  
REVIEWED BY \_\_\_\_\_  
DATE 04/03/2026  
PROJECT NO 25-0121  
DRAWING NAME \_\_\_\_\_

SHEET NO

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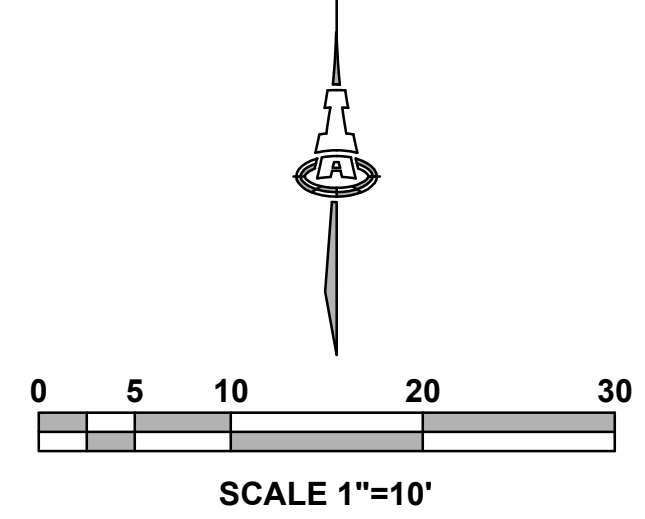
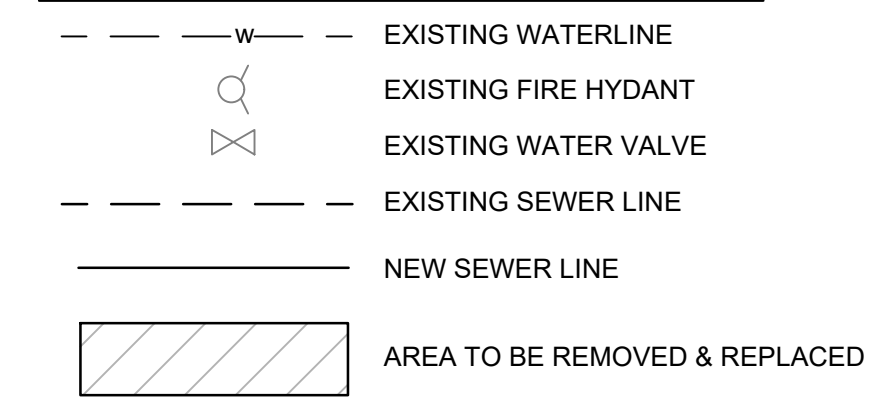
**KEYED NOTES**

- WATER KEYED NOTES
  1. CONNECT NEW 3/4" WATER SERVICE LINE TO 3/4" METER SETTING
  2. 30"x42" CONCRETE PAD FOR HOT BOX CONTAINING BOTH IRRIGATION AND DOMESTIC BACKFLOW PREVENTERS
- SEWER KEYED NOTES
  20. CONNECT NEW 4" SAS LINE TO EXISTING SEWER STUB.
  21. 6" SANITARY SEWER LINE AT 2% MIN. SLOPE.
  22. SANITARY SEWER DOUBLE CLEANOUT.
- ⬡ ABCWUA CONNECTION PERMIT ITEMS (NOT PART OF THIS PLAN)
  40. CONNECT NEW 3/4" WATER METER ASSEMBLY AND SERVICE LINE TO EXISTING 8" WATERLINE PER ABCWUA STD DWG 2362.
  41. SAWCUT, REMOVE AND REPLACE EXISTING: STD. CURB & GUTTER - 4 LF PCC SIDEWALK - 3 SY HOT MIX ASPHALT - 3 SY MATCH EXISTING.
- △ DRY UTILITY KEYED NOTES
  30. PNM TRANSFORMER. OWNER / CONTRACTOR TO COMPLETE AND SUBMIT A COMMERCIAL SERVICE APPLICATION TO PNM. PNM REPRESENTATIVE TO PROVIDE ONSITE ELECTRICAL SERVICE LINE LOCATION.
  31. NEW MEXICO GAS COMPANY GAS MAIN. OWNER / CONTRACTOR TO COMPLETE AND SUBMIT A COMMERCIAL SERVICE APPLICATION TO NMGCO.
  32. GAS METER LOCATION TO BE DETERMINED BY OWNER AND NMGCO.

**GENERAL UTILITY NOTES**

- A. EXISTING UTILITY LINES ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND MAY BE INCOMPLETE OR OBSOLETE. SUCH LINES MAY OR MAY NOT EXIST WHERE SHOWN OR NOT SHOWN. ALL UTILITIES SHOULD BE FIELD VERIFIED AND LOCATED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES.
- B. CONTRACTOR SHALL NOT USE VIBRATORY COMPACTION EQUIPMENT OR HEAVY VEHICLES OVER EXISTING UTILITIES.
- C. SITE STORM DRAIN, ELECTRIC LINES & TRANSFORMERS AND GAS LINES ARE SHOWN FOR GENERAL INFORMATION ONLY TO PROVIDE AN OVERVIEW OF SITE UTILITIES AND POTENTIAL CONFLICTS. SEE MECHANICAL PLANS FOR GAS LINE SIZING. SEE CG-101 FOR STORM DRAIN DESIGN.
- D. ALL WATER FITTINGS SHALL HAVE JOINT RESTRAINTS (LT). SEE RESTRAINED JOINT CRITERIA NOTES THIS SHEET. (LT) LENGTH SHOWN ON KEYED NOTES.
- E. ALL ABOVE GROUND UTILITY EQUIPMENT AND FITTINGS SHALL BE PAINTED IN COLORS TO MATCH BUILDING COLORS.
- F. WATERLINES 4" IN DIAMETER OR LARGER SHALL BE PVC PIPE MEETING AWWA C900 DR-18 REQUIREMENTS.
- G. SANITARY SEWER LINE MATERIALS SHALL BE PVC SDR-35 PIPE.
- H. COORDINATION WITH WATER AUTHORITY CROSS CONNECTION SECTION WILL BE REQUIRED TO ENSURE PROPER BACKFLOW CONTAINMENT IS IN PLACE PRIOR TO RELEASE OF METER FOR THE SITE. CONTACT THE CROSS CONNECTION SECTION AT 505-289-3454.
- J. COORDINATION WITH THE WATER AUTHORITY PRE-TREATMENT ENGINEER IS REQUIRED TO ENSURE THE SITE COMPLIES WITH WATER AUTHORITY SEWER USE ORDINANCE. CONTACT THE PRE-TREATMENT ENGINEER AT 505-289-3439.

**LEGEND**



**Isaacson & Arfman, Inc.**  
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NOT FOR CONSTRUCTION

Engineer

**ENCUENTRO HHA FACILITY**  
**909 4TH STREET SW, ABQ, NM**

DESIGN ISSUE / DEVELOPMENT	PROJECT NUMBER: IA 2789
FILE:	SSC-#CA-
DRAWN BY:	DATE: 02-2-2026
CHECKED BY:	

No	Date	Description

SHEET TITLE	<b>UTILITY PLAN</b>
SHEET NUMBER	<b>CU-101</b>



**Encuentro Home Health Facility**  
909 4th Street SW  
Albuquerque, NM 87102

100% DESIGN DEVELOPMENT

REVISIONS

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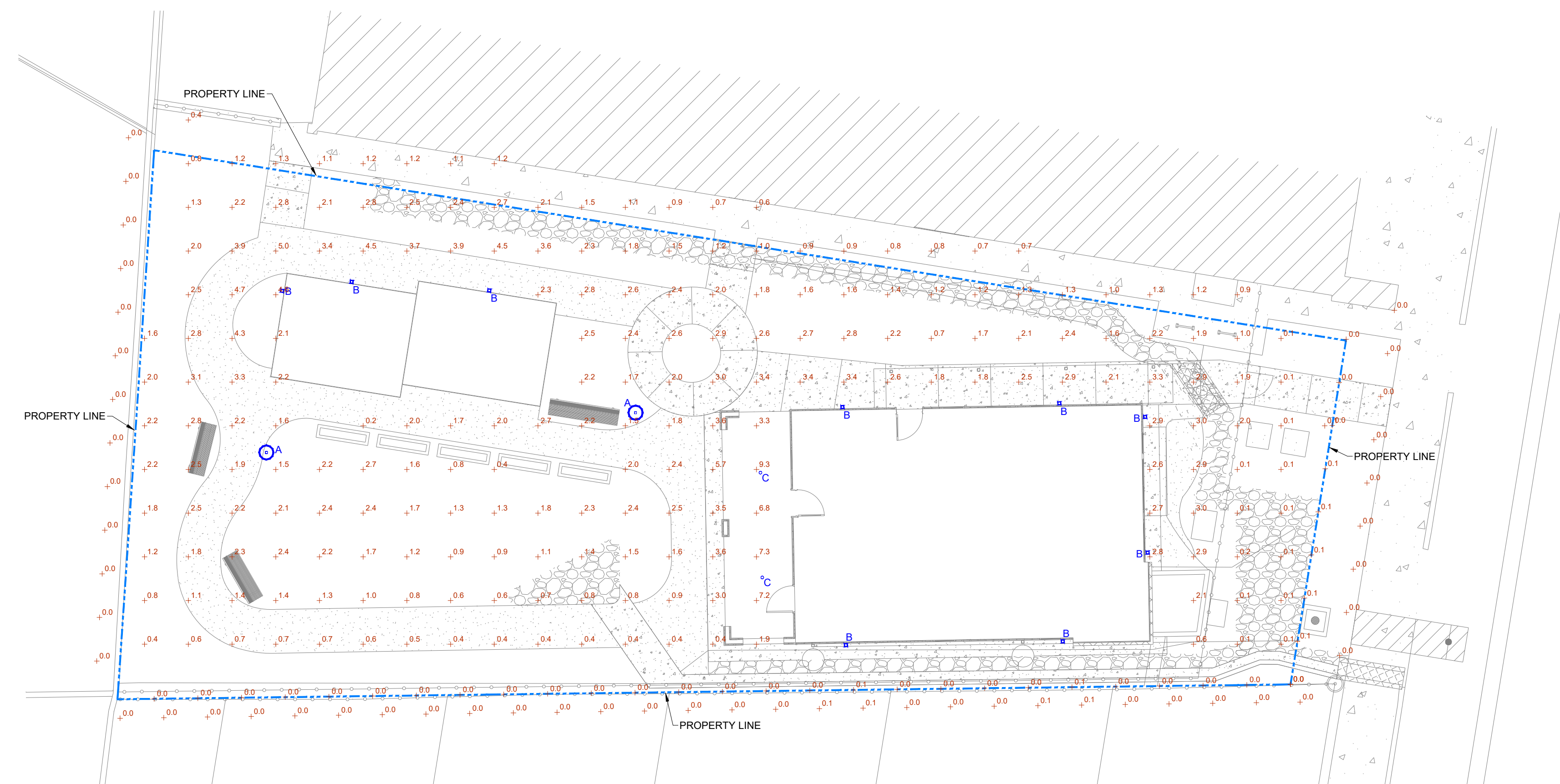
DRAWN BY \_\_\_\_\_  
REVIEWED BY \_\_\_\_\_  
DATE 04/03/2026  
PROJECT NO 25-0121  
DRAWING NAME \_\_\_\_\_

SHEET NO

**GENERAL NOTES**

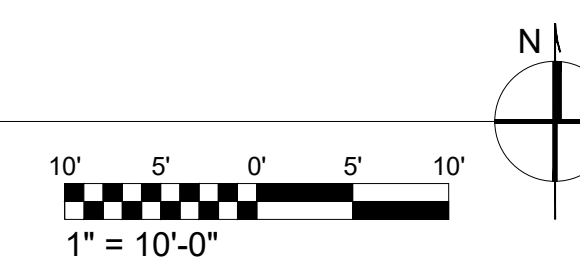
1. SECURITY LIGHTING CONTROLLED BY MOTION SENSOR IN COMPLIANCE WITH IDO §5-8(E)(7) SECURITY LIGHTING.
2. PER IDO §7-1, NORTHERN LOT LINE IS PART OF A PREMISE WITH 907 4TH ST AND PROPERTY LINE TRESPASS DOES NOT APPLY.
3. PER IDO TABLE 5-8-2, ANSII/IES LIGHTING DESIGNATION ALONG LOW-DENSITY RESIDENTIAL USE ON WESTERN PROPERTY LINE IS LZ2 AND LZ1 IN ALL OTHER CASES.

LUMINAIRE SCHEDULE							
TYPE	DESCRIPTION	VOLTS	WATTS	MOUNTING HEIGHT (HEIGHT IS TO BOTTOM OF FIXTURE)		LAMP	MANUFACTURER/MODEL NO.
A	LUXESCAPE OUTDOOR ARCHITECTURAL LUMINAIRE 80 CRI 3000K LEDS AND TYPE V OPTIC SPIDER MOUNT	120-277V	41	POLE MTD @ 9'-0" AFG		LED	COOPER LIGHTING: LXS-VA2-830-U-SYM-S (OR APPROVED EQUAL)
B	GEKKO WALL PACK 1500LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC	120-277V	9.3	BUILDING - WALL PACK MTD @ 9'-0"	GREENHOUSE - WALL PACK MTD @ 7'-0"	LED	COOPER LIGHTING: GKO-PB1B-830-U-T4W (OR APPROVED EQUAL)
C	HALO COMMERCIAL 4" ROUND NEW CONSTRUCTION FRAME WITH 4" MEDIUM DISTRIBUTION SPECULAR TRIM	120-277V	8	RECESSED IN PORCH CEILING		LED	COOPER LIGHTING: HC407D010-HM40525830-41MDC (OR APPROVED EQUAL)



**SITE LIGHTING PHOTOMETRICS**

1" = 10'-0"



SEAL  
**NOT FOR CONSTRUCTION**

PROJECT

**Encuentro Home Health Facility**  
 909 4th Street SW  
 Albuquerque, NM 87102

**DFT SUBMITTAL**

REVISIONS

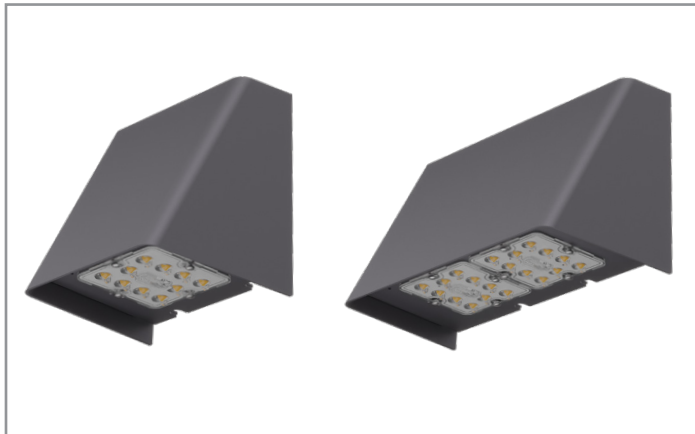
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DRAWN BY: B&P  
 REVIEWED BY:  
 DATE: 04/13/2026  
 PROJECT NO: 25-0121

DRAWING NAME  
**SITE LIGHTING PHOTOMETRICS**

SHEET NO  
**EL-01**

Project		Catalog #		Type	
Prepared by		Notes		Date	



# McGraw-Edison

## GKO Gekko

Wall Mount Luminaire

### Product Features



### Product Certifications



### Interactive Menu

- Ordering Information [page 2](#)
- Product Specifications [page 2](#)
- Optical Configurations [page 3](#)
- Energy and Performance Data [page 4](#)
- Control Options [page 10](#)

### Quick Facts

- Available in small and medium housing sizes
- Choice of 5 optical distributions
- 11 lumen packages from 750 up to 13,500
- Efficacies up to 169 lumens per watt

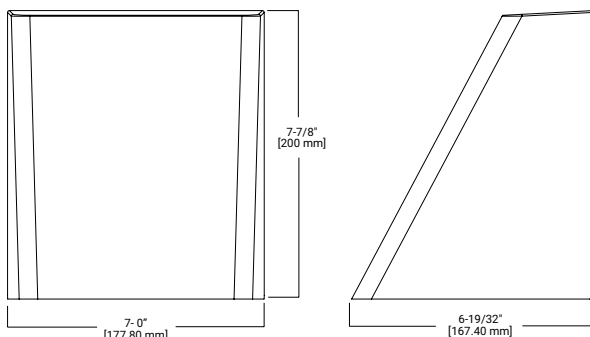
### Connected Systems

- WaveLinx PRO Wireless
- WaveLinx LITE Wireless

### Dimensional Details

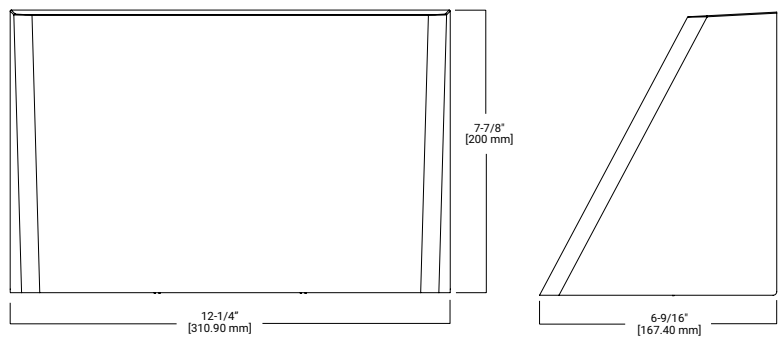
#### PB1

Net Weight: 6.0 lbs (2.7 kg)



#### PB2

Net Weight: 10.6 lbs (4.8 kg)



#### NOTES:

1. Visit <https://www.designlights.org/search/> to confirm qualification. Not all product variations are DLC qualified.
2. IDA Certified for 3000K CCT and warmer only.

Ordering Information

SAMPLE NUMBER: GKO-PB2A-740-U-T3-BK

Product Family	Light Engine Configuration		Lumen Output	Color Temperature	Voltage	Distribution	Finish
	Light Engine	Size					
<b>GKO</b> =Gekko Wall Luminaire <b>BAA-GKO</b> =Gekko Buy American Act Compliant <sup>13</sup> <b>TAA-GKO</b> =Gekko Trade Agreements Act Compliant <sup>13</sup> <b>BABAF-GKO</b> =Gekko Build America Buy America Act Compliant for FHWA funded projects <sup>14</sup>	<b>PB</b> =Mini 10-LED Light Square	1=Small, 1 Square 2=Medium, 2 Squares	<b>A</b> =Output Level 1 <b>B</b> =Output Level 2 <b>C</b> =Output Level 3 <b>D</b> =Output Level 4 <b>E</b> =Output Level 5 <b>F</b> =Output Level 6 <sup>1</sup>	<b>722</b> =70 CRI, 2200K CCT <b>727</b> =70 CRI, 2700K CCT <b>730</b> =70 CRI, 3000K CCT <b>735</b> =70 CRI, 3500K CCT <b>740</b> =70 CRI, 4000K CCT <b>750</b> =70 CRI, 5000K CCT <b>827</b> =80 CRI, 2700K CCT <b>830</b> =80 CRI, 3000K CCT <b>835</b> =80 CRI, 3500K CCT <b>840</b> =80 CRI, 4000K CCT <b>850</b> =80 CRI, 5000K CCT <b>AMB</b> =Amber 590nm <sup>2</sup>	<b>U</b> =120-277V 1=120V 2=208V 3=240V 4=277V 8=480V <sup>15,17</sup> 9=347V <sup>17</sup>	<b>T1</b> =Type I <b>T2R</b> =Type II Round <b>T2U</b> =Type II Urban <b>T3</b> =Type III <b>T4W</b> =Type IV Wide	<b>AP</b> =Grey <b>BZ</b> =Bronze <b>BK</b> =Black <b>DP</b> =Dark Platinum <b>GM</b> =Graphite Metallic <b>NW</b> =New White
Options (Add as Suffix)			Controls and Systems Options (Add as Suffix)		Accessories (Order Separately)		
<b>F</b> =Single Fused (120, 277 or 347, Specify Voltage) <b>FF</b> =Double Fused (208, 240 or 480, Specify Voltage) <b>20MSP</b> =Parallel 20kV MOV Surge Protective Device <b>20K</b> =Series 20kV UL1449 Fused Surge Protective Device <b>2L</b> =Two Circuits <sup>3</sup> <b>EBP</b> =6W Battery Pack <b>CBP</b> =6W Battery Pack, Cold Weather Rated <sup>4,10</sup> <b>CBP-CEC</b> =8W Battery Pack, Cold Weather Rated, CEC Compliant <sup>4,10</sup> <b>HSS</b> =Factory Installed House Side Shield <b>HA</b> =50C° High Ambient <sup>10</sup> <b>CC</b> =Coastal Construction <sup>5</sup>			<b>BPC</b> =Button Type Photocontrol (120, 208, 240 or 277V. Must Specify Voltage) <b>FADC</b> =Field Adjustable Dimming Controller <sup>8</sup> <b>SPB1</b> =Dimming Occupancy Sensor with Bluetooth Interface, <8' Mounting <sup>6,7,8,11</sup> <b>SPB2</b> =Dimming Occupancy Sensor with Bluetooth Interface, 8' - 20' Mounting <sup>6,7,8,11</sup> <b>MS/DIM-L08</b> =Motion Sensor for Dimming Operation, <8' Mounting <sup>7,8,11,12</sup> <b>MS/DIM-L20</b> =Motion Sensor for Dimming Operation, 8'-20' Mounting <sup>7,8,11,12</sup> <b>WPS2WH</b> =WaveLinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 7'-15' Mounting <sup>7,8,11,16</sup> <b>WPS4WH</b> =WaveLinx Pro, SR Driver, Dimming Motion and Daylight, WAC Programmable, 15'-40' Mounting <sup>7,8,11,16</sup> <b>WLS2WH</b> =WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7'-15' Mounting <sup>7,8,11</sup> <b>WLS4WH</b> =WaveLinx Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15'-40' Mounting <sup>7,8,11</sup>		<b>PBHSS</b> =House Side Shield (Single) <sup>9</sup> <b>PBPF</b> =Perimeter Fence Shield Kit (4 Pieces) <b>FSIR-100</b> = Wireless Configuration Tool for MS/DIM <sup>12</sup> <b>MA1252</b> =10kV Surge Module Replacement <b>BB/GKO-XX</b> =Surface mount backbox <sup>19</sup>		
<b>NOTES:</b> 1. Output Level 6 not available with PB2 2. Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose Output Level 1; supplied at 300mA for PB1, 600mA for PB2. Not available with HA option. Exact luminaire wattage available in IES files. 3. Not available with PB1. Not available with FF option, or controls options at 347V or 480V. 4. Operates at -20°C to +40°C. Not available with PB1 or HA option. 5. Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. 6. Smart device with mobile application required to change system defaults. See controls section for details. 7. Includes integral photosensor. 8. Not available with PB1 at Output Level 1 or 2. Not available with other motion activated control options. 9. One required per PB light square. 10. Combination of CBP and HA not available with PB2 at output level 4 or 5. 11. When motion controls are selected, PB1 uses surface mount sensor in PB2 housing, PB2 uses side-mount motion sensor in PB2 housing. 12. The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Cooper Lighting Solutions for more information. 13. Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to <a href="#">DOMESTIC PREFERENCES</a> website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. 14. Only product configurations with these prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or the Build America Buy America Act (BABA). BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. Please refer to the <a href="#">DOMESTIC PREFERENCES</a> website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements. 15. 480V not to be used with ungrounded or impedance grounded systems. 16. WAC Gateway required to enable field-configurability: Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed. 17. Not available with PB1A and PB1B. 18. Operates at 0°C to +55°C. 19. Replace XX with color designation. Includes 5 gasketed 3/4" conduit entry points.							

Product Specifications

Construction

- Available in small (1 square) and medium (2 square) sizes
- Die-cast aluminum housing
- IP66 rated housing
- IK10 impact rated

Optics

- 10-LED square light engine
- 5 optical distributions
- IDA Certified (3000K CCT and warmer only)
- 2 versions of field-installable shielding for superior spill light control
  - Single-piece snap-on square shields (HSS)
  - Multiple-piece configurable vertical perimeter shielding (PFS)

Electrical

- Standard with 0-10V dimming
- Standard with 10kV surge device
- 10kV or 20kV surge protective options with series or parallel configurations
- -40°C to 40°C ambient temperature operating range with optional high ambient (HA) 50°C

Controls

- Luminaire available with the field adjustable dimming controller (FADC) to manually adjust wattage and reduce the total lumen output and light levels. Default setting is the highest position at the lumen output selected

Finish

- Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness
- 3,000-hours per ASTM B117, with a scribe rating of 7 per ASTM D1654 for standard color finish
- Coastal Construction (CC) option available

Typical Applications

- Exterior wall, walkway

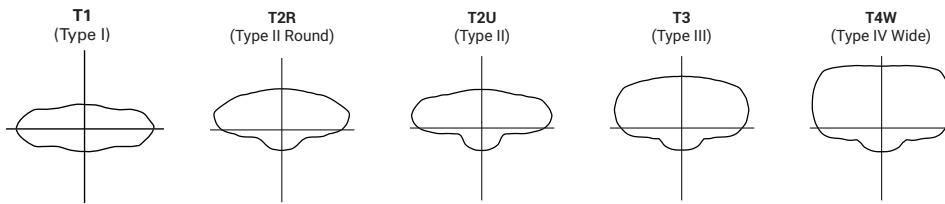
Compliance

- BAA domestic preference option meets BAA requirements. See [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information
- FHWA and FTA agencies are utilizing their BAA rules for BABA compliance. Cooper's products with a BAA designation are manufactured in the US and utilize a BAA COTS exemption rule for compliance. To verify a configured product with specific accessories and options meet BABA Domestic Preference Requirements; submit this catalog number to Cooper Lighting Quotation team for validation by our Engineering and Manufacturing teams.
- Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements

Warranty

- Five year limited warranty, consult website for details. [www.cooperlighting.com/legal](http://www.cooperlighting.com/legal)

Optical Distributions



Energy and Performance Data

Lumen Maintenance

Ambient Temperature	25,000 hours*	50,000 hours*	60,000 hours*	100,000 hours*	L70*
25°C	98.1%	96.3%	95.6%	92.8%	>102,000
40°C	98.0%	96.1%	95.3%	92.3%	>102,000
50°C	97.8%	95.6%	94.8%	91.4%	>102,000

Note: \* Calculations provided in accordance with IES TM-21-11 using the configuration resulting in highest LED temperature.

Lumen Multiplier

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97

FADC Settings

FADC Position	Percent of Typical Lumen Output
1	25%
2	48%
3	56%
4	65%
5	75%
6	80%
7	85%
8	90%
9	95%
10	100%

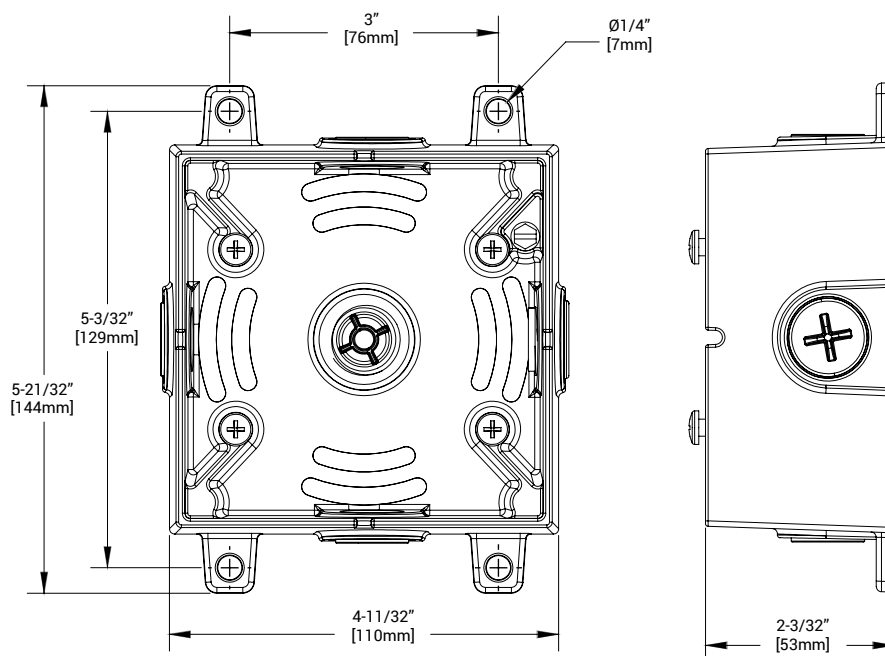
Note: +/-5% typical value

LED Color Multipliers

CRI	CCT				
	2200	2700	3000	4000	5000
Lumen Multiplier*					
70	0.83	0.92	0.95	1.00	1.00

Note: \* Estimates, refer to IES files for accuracy.

Accessories



Project		Catalog #		Type	
Prepared by		Notes		Date	



# Invue

## LXS Luxescape Collection

Decorative Luminaire

### Product Features



### Interactive Menu

- Order Information [page 3](#)
- Product Specifications [page 4](#)
- Control Options [page 12](#)
- Optical Distributions [page 6](#)
- Mounting Accessories [page 10](#)

### Product Certifications

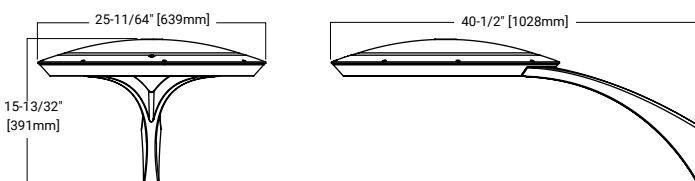


### Quick Facts

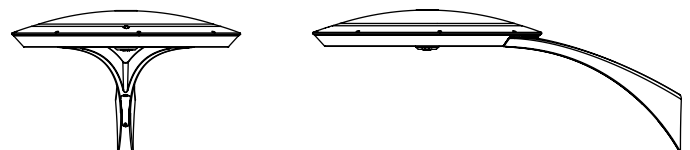
- Contemporary, architectural form in 3 configurations
- WaveStream™ LED technology provides a visually comfortable light source
- Integrated controls options for standalone or connected solutions
- Lumen packages range from 1900 to 11,400 lumens
- Standard output is 4000K CCT with minimum 70 CRI; other options are available
- Perfectly pairs with Invue ARP aluminum round tapered poles

### Dimensional and Mounting Details

Arm Mount



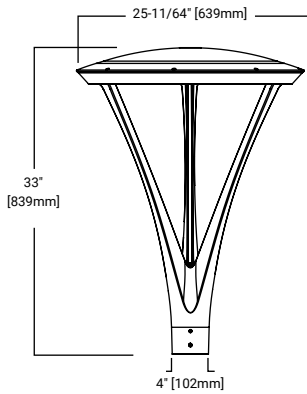
Arm Mount with WaveLinX



**Weight:** 41 lbs. [18.6 kgs.]  
**EPA:** 1.0 Sq. Ft.

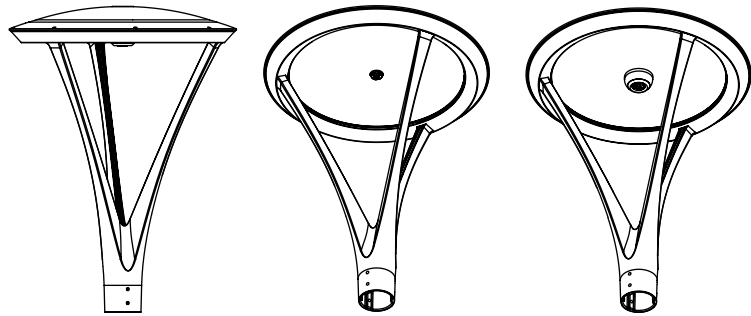
Dimensional and Mounting Details

Spider Mount

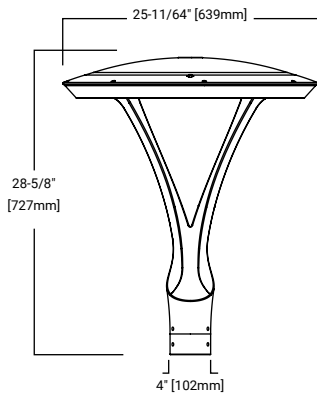


Weight: 53 lbs. [24 kgs.]  
EPA: 1.6 Sq. Ft.

Spider Mount with WaveLinx

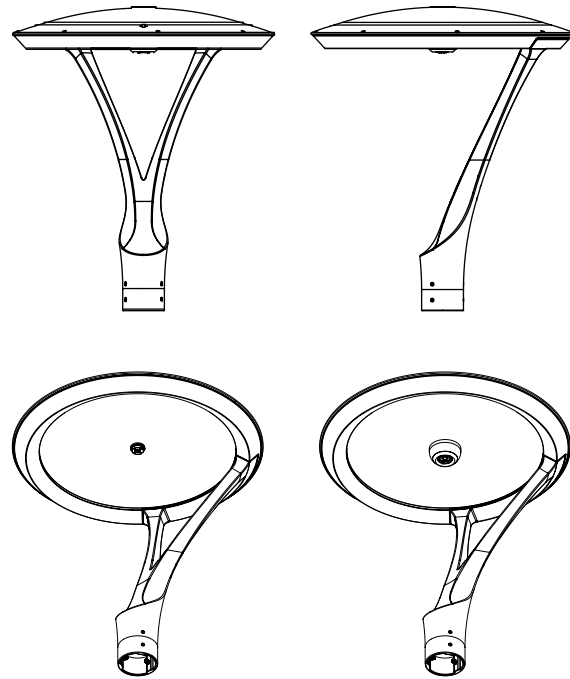


Cantilever Mount



Weight: 46 lbs. [20.8 kgs.]  
EPA: 1.3 Sq. Ft.

Cantilever Mount with WaveLinx



Technical note: Spider and Cantilever Mount models fit 3" tenons standard. Use accessory ARPA2 to mount to 2-3/8" tenons.

Ordering Information

SAMPLE NUMBER: LXS-VA3-LED-D1-T2-GM-S

Product Family <sup>1,2</sup>	Optic Type	Lumen Package <sup>3</sup>	CRI/CCT	Voltage	Distribution	Mounting	Finish
LXS= LuxeScape Collection BAA-LXS= LuxeScape Collection Buy American Act Compliant <sup>34</sup> BABA-LXS=Build America Buy America Act <sup>34</sup>	VA= Visual Comfort / WaveStream	1= Nominal 2,300 Lumens 2= Nominal 4,500 Lumens 3= Nominal 8,500 Lumens 4= Nominal 9,500 Lumens <sup>4</sup>	730= 70 CRI / 3000K 735= 70 CRI / 3500K 740= 70 CRI / 4000K 830= 80 CRI / 3000K 835= 80 CRI / 3500K 840= 80 CRI / 4000K AMB= Amber 590nm <sup>21,33</sup>	U= 120- 277 1= 120 2= 208 3= 240 4= 277 8= 480 <sup>5,6</sup> 9= 347 <sup>5</sup>	ASC= Asymmetric Curbline <sup>7</sup> ASW= Asymmetric Wide <sup>8</sup> AST= Asymmetric Transverse <sup>9</sup> SYM= Symmetric Round <sup>10</sup>	A= Arm Mount S= Spider Mount C= Cantilever Mount	AP= Grey BZ= Bronze BK= Black DP= Dark Platinum GM= Graphite Metallic WH= White RALXX= Custom Color <sup>11</sup>

Options (Add as Suffix)			Accessories (Order Separately) <sup>19,35</sup>	
F= Single Fuse <sup>12</sup> FF= Double Fuse <sup>13</sup> 10MSP= 10K MOV Surge Protective Device 20MSP= 20kV MOV Surge Protective Device 20K= 20kV UL 1449 Fused Surge Protective Device DIM= External 0-10V Dimming Leads <sup>14</sup> HA= 50°C High Ambient Temperature <sup>15</sup> VS= Vandal Shield <sup>16</sup> CC= Coastal Construction <sup>17</sup> DALI= DALI Driver <sup>18</sup> BPC= Button Type Photocontrol <sup>19</sup> PR= NEMA 3-PIN Twistlock Photocontrol Receptacle <sup>20</sup> PR7= NEMA 7-PIN Twistlock Photocontrol Receptacle <sup>20</sup> PC= Twistlock NEMA Photocontrol LLPC= Long Life Twistlock NEMA Photocontrol <sup>32</sup> SC= Shorting Cap	MS-L08= Motion Sensor for ON/OFF Operation, Up to 8' Mounting Height <sup>21,22,23</sup> MS-L20= Motion Sensor for ON/OFF Operation, 9' - 20' Mounting Height <sup>21,22,23</sup> MS-L40W= Motion Sensor for ON/OFF Operation, 21' - 40' Mounting Height <sup>21,22,23</sup> MS/DIM-L08= Motion Sensor for Dimming Operation, Up to 8' Mounting Height <sup>21,22,23</sup> MS/DIM-L20= Motion Sensor for Dimming Operation, 9' - 20' Mounting Height <sup>21,22,24</sup> MS/DIM-L40W= Motion Sensor for Dimming Operation, 21' - 40' Mounting Height <sup>21,22,25</sup> DIM10= Synapse Integrated Control Module WLS2WH= WaveLinX Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 7' - 15' Mounting WLS4WH= WaveLinX Lite, SR Driver, Dimming Motion and Daylight, Bluetooth Programmable, 15' - 40' Mounting WPS2WH= WaveLinX Pro, Dimming Motion and Daylight, WAC Programmable, 7' - 15' Mounting <sup>26,27,36</sup> WPS4WH= WaveLinX Pro, Dimming Motion and Daylight, WAC Programmable, 15' - 40' Mounting <sup>26,27,36</sup>	FSIR-100= Wireless Configuration Tool for Occupancy Sensor <sup>28</sup> ARPA2= 2-3/8" O.D. Tenon Sleeve Adapter <sup>30</sup> VA6028-XX= Twin Mount Arm (EPA 1.36 sq./ft.) <sup>30,31</sup> VA6029-XX= Wall Mount Arm <sup>30,31</sup> WOLC-7P-10A= WaveLinX Outdoor Control Module (7-PIN) <sup>29</sup>		

- NOTES:**
- Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white paper WP513001EN for additional support information.
  - DesignLights Consortium® Qualified. Refer to [www.designlights.org](http://www.designlights.org) Qualified Products List under Family Models for details.
  - Lumens are nominal. See lumen table for more information.
  - 9,500 Lumen package available only on SYM distribution
  - Requires the use of a step-down transformer.
  - Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
  - IESNA Type III typical.
  - IESNA Type IV typical.
  - IESNA Type IV typical.
  - IESNA Type V typical.
  - Specify RAL number for Custom Color. Custom color matching available upon request. Consult your lighting representative at Cooper Lighting Solutions for more information.
  - Must specify voltage (120V, 277V, or 347V) to fuse the single hot leg.
  - Must specify voltage (208V, 240V, or 480V) to fuse the both hot legs.
  - Low voltage control leads brought out 18" outside fixture. Not available with control options.
  - Not available in VA3 with Type ASC, ASW and AST distributions.
  - Reduce total lumens by a 0.95 multiplier to accommodate losses.
  - Post-coating over the primary finish providing 7,000+ salt spray hours. Extended lead-times can be 4-10 additional weeks.
  - Only available with VA3 and VA4 lumen packages.
  - Not available with MS-LXX, MS/DIM-LXX, LWR-LN or 347V or 480V options.
  - Not available with MS-LXX, MS/DIM-LXX, LWR-LW, LWR-LN or 347V or 480V options.
  - Not available with HA option.
  - The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Cooper Lighting Solutions for more information.
  - Approximately 22" detection diameter at 8' mounting height.
  - Approximately 40" detection diameter at 20' mounting height.
  - Approximately 100" detection diameter at 40' mounting height.
  - Cannot be used in conjunction with photocontrol or other controls systems (BPC, PR, PR7, MS).
  - NWAC Gateway required to enable field-configurability. Order WAC-POE and WPOE-120 (10V to POE injector) power supply if needed. Only compatible with WaveLinX system and software and requires system components to be installed for operation. See website for more WaveLinX application information.
  - This tool enables adjustment of parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Cooper Lighting Solutions for more information.
  - Requires 7-PIN NEMA twistlock photocontrol receptacle. WOLC-7P-10A cannot be used in conjunction with additional sensors or controls.
  - Not vibration rated at this time. Consult your lighting representative at Cooper Lighting Solutions for more information.
  - Replace XX with color designation.
  - Requires photocontrol receptacle PR or PR7.
  - Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose Lumen Package 1. See IES files for photometric performance.
  - Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to [DOMESTIC.PREFERENCES](http://DOMESTIC.PREFERENCES) website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
  - Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.
  - Not available with 5LTD option.
  - Not available with 2300 or 9500 lumen package.
  - Only product configurations with these prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or the Build America Buy America Act (BABA). BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. BABA designates the product will meet the standards set for FHWA. As noted these projects must receive Government Funding by October 1, 2025. BABA designates the product will meet the standards set for FHWA and FTA. As noted these projects must receive Government Funding by October 1, 2026. Please refer to the [DOMESTIC.PREFERENCES](http://DOMESTIC.PREFERENCES) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

ARP ORDERING INFORMATION (ALUMINUM DECORATIVE POLE)

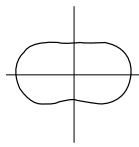
SAMPLE NUMBER: ARP5L310ABZ2

Product Family	Shaft Size (Inches) <sup>1</sup>	Wall Thickness (Inches)	Pole Top Diameter (Inches)	Mounting Height (Feet)	Base Type	Finish	Mounting Type	Number and Location of Arms	Options (Add as Suffix)
ARP= Aluminum Round Tapered Decorative BAA-ARP= Aluminum Round Tapered Decorative Buy American Act Compliant <sup>36</sup>	5= 5"	L= 0.156" M= 0.188"	3= 3" O.D. <sup>2</sup> 6= 4" O.D. <sup>3</sup>	10= 10' 12= 12' 14= 14' 16= 16' 18= 18' <sup>4</sup> 22= 22' <sup>4</sup>	A= Aluminum (Round 4-Bolt Pole)	AP= Grey BA= Anodized Bronze BK= Black BZ= Bronze CA= Anodized Clear DA= Anodized Black DP= Dark Platinum GM= Graphite Metallic GN= Hartford Green WH= White	2= 2-3/8" O.D. Tenon (4" Long) 5= 3" O.D. Tenon (4" Long)	X= None	C= Convenience Outlet <sup>5</sup> E= GFCI Convenience Outlet <sup>5</sup> G= Ground Lug V= Vibration Dampener <sup>4</sup>

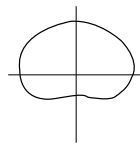
- NOTES:**
- All shaft sizes nominal.
  - Provides 3" O.D. pole top suited for Arbor Post Top.
  - Provides 4" O.D. pole top suited for LuxeScape post tops.
  - Vibration damper recommended over 18 feet add suffix "V" to catalog number.
  - Specify outlet location. Receptacle not included, provision only.

### Optical Distributions

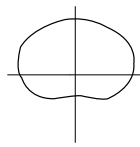
(Arm mount shown, distribution dependent on mounting)



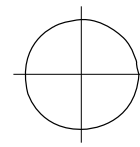
**ASC**  
(Type III typical)



**ASW**  
(Type IV typical)



**AST**  
(Type IV typical)



**SYM**  
(Type V typical)

### Product Specifications

#### Construction

- Die-cast aluminum construction is highly durable and corrosion resistant
- ANSI C136.31 testing compliance prevents damage from installation generated vibration.
- External hardware and casting seams are minimized to enhance appearance.

#### Optics

- WaveStream™ LED optical system employs waveguide technology to reduce glare and create distributions ideal for pedestrian applications
- Symmetric and asymmetric distributions available
- Standard offering is 4000K CCT with 70CRI. Other CCT and CRI options are available including turtle-safe 590nm amber.

#### Electrical

- 0-10V dimming compatibility is standard.
- A 10kV surge protector, wired in series, is standard. Other options include 20kV modules and parallel or series configurations.
- Photocontrol receptacles and button photocell options are available

#### Controls

- Enable energy savings and meet code requirements by including WaveLinx connectivity in LuxeScape fixtures.
- The ANSI C136.41 compliant NEMA 7-PIN receptacle enables wireless dimming when used with compatible photocontrol.
- See control options page for more details.

#### Mounting

- Invue's aluminum round decorative pole (ARP) offering provides a seamless transition and compliments the contemporary design architecture with its unique sleek taper and base design.
- The tenon mount pole comes standard with an access door feature integrated into the base.
- ARM MOUNT: The integrated aluminum contemporary upsweep arm bolts directly to a 4" or 5" round pole using an "N" drill pattern.
- SPIDER & CANTILEVER MOUNT: Fitter assembly mounts over 3" O.D. tenon and can be adapted to a 2-3/8" tenon using accessory ARPA2. It is secured via concealed, corrosion resistant set screw and jam screw pairs in six inconspicuous locations. Fitter design provides seamless transition to 4" O.D. round pole top
- Optional mounting accessories include a twin arm mount and wall mount arm.

#### Finish

- Premium TGIC based polyester powder coatings provides long service life.
- Finish is compliant to 3,000 hour salt spray standard (per ASTM B117).
- RAL and custom color matches available, additional charges and lead-time apply.

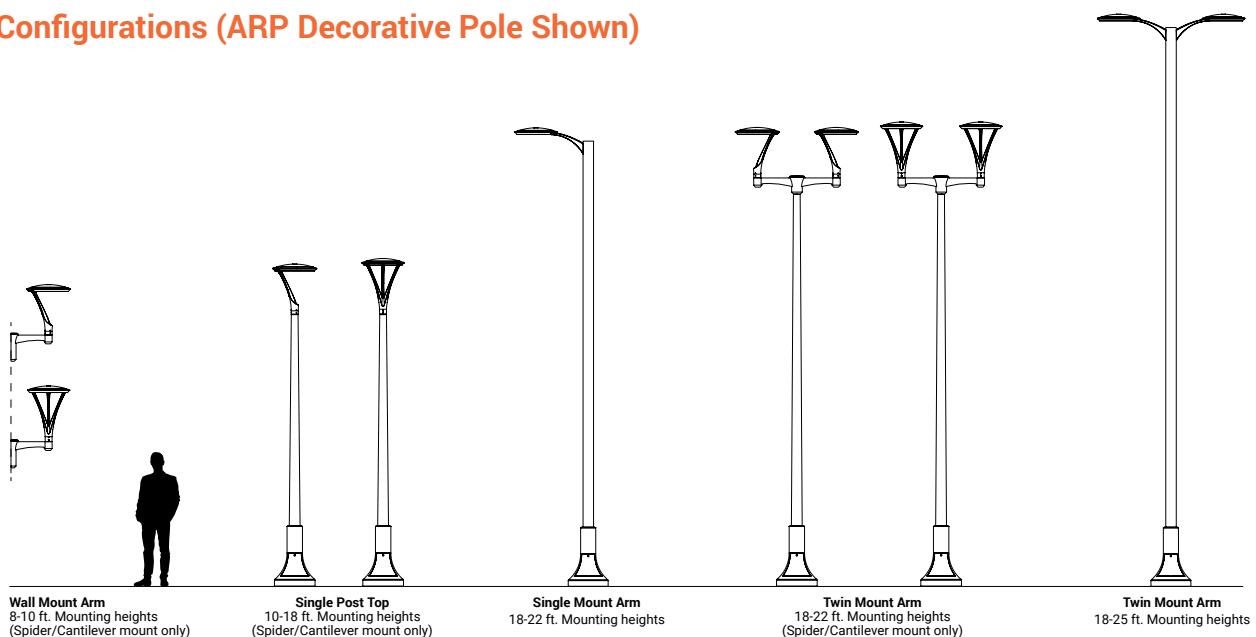
#### Compliance

- cULus certified for -40° to 40°C ambient environments, with high ambient options suitable up to 50°C.
- IP66 rated
- 3G vibration rated
- DarkSky approved for 3000K CCT and warmer
- Domestic preference option available to meet BAA requirements
- FHWA and FTA agencies are utilizing their BAA rules for BABA compliance. Cooper's products with a BAA designation are manufactured in the US and utilize a BAA COTS exemption rule for compliance. To verify a configured product with specific accessories and options meet BABA Domestic Preference Requirements; submit this catalog number to Cooper Lighting Quotation team for validation by our Engineering and Manufacturing teams.
- Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

#### Warranty

- Five year limited warranty, consult website for details. [www.cooperlighting.com/legal](http://www.cooperlighting.com/legal)

### Pole Configurations (ARP Decorative Pole Shown)



**Wall Mount Arm**  
8-10 ft. Mounting heights  
(Spider/Cantilever mount only)

**Single Post Top**  
10-18 ft. Mounting heights  
(Spider/Cantilever mount only)

**Single Mount Arm**  
18-22 ft. Mounting heights

**Twin Mount Arm**  
18-22 ft. Mounting heights  
(Spider/Cantilever mount only)

**Twin Mount Arm**  
18-25 ft. Mounting heights

Project		Catalog #		Type	
Prepared by		Notes		Date	



# HALO Commercial

## HC4 | HM4 | 41/41PS

4-inch LED downlight and wall wash

### Typical Applications

Office • Healthcare • Hospitality • Institutional • Mixed-Use/Retail

### Interactive Menu

- Order Information [page 2](#)
- Product Specifications [page 4](#)
- Photometric Data [page 5](#)
- Energy & Performance Data [page 8](#)
- Connected Systems [page 10](#)
- Product Warranty

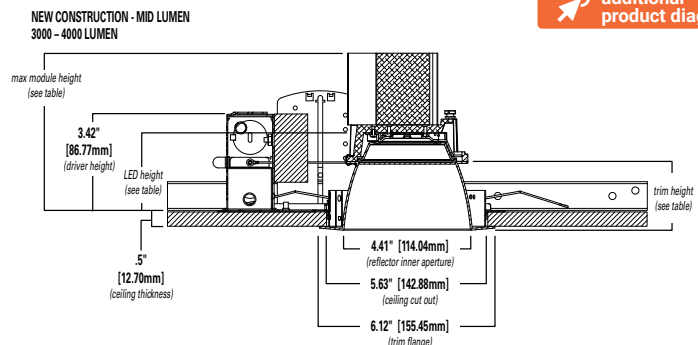
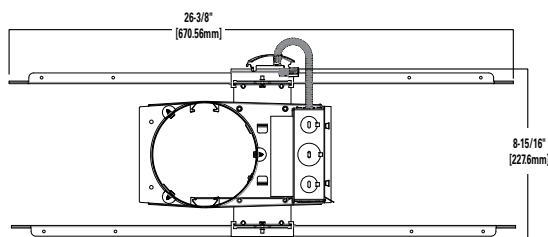


### Top Product Features

- New construction/remodel series; 500 to 6,000 lumens
- Narrow, Medium and Wide distributions; Wall wash with rotatable linear spread lens
- 2700K, 3000K, 3500K, 4000K and 5000K CCT; 80 or 90 CRI
- Universal voltage 120V-277V; Standard 0-10V driver dims to 1%
- Mounting frame converts to remodel that installs from below the ceiling
- Quick Spec emergency backup mounting frames - fast delivery option

### Dimensional and Mounting Details

[additional product diagrams](#)



Mid Lumen (3000 – 4000 Lumens)

Distribution	Max. Module Height	Trim Height	LED Height
Narrow	5.6"	2.5"	2.9"
Medium	5.7"	2.6"	3.0"
Wide	5.5"	2.4"	2.8"
Baffle	5.5"	2.4"	2.8"

## Mounting Frame Order Information

Sample Number : HC420D010REM7 - HM40525930 - 41MDC

A complete luminaire consists of a housing frame, LED module, and reflector (ordered separately)

Mounting Frame	Lumens	Driver Options	Factory Installed Emergency & Connected Lighting Options	Accessories (Order & Install Separately)
<p><b>HC4</b> = 4" new construction downlight housing</p> <p><b>HC4CP</b> = 4" new construction housing, Chicago Plenum - CCEA compliant</p>	<p><b>05</b> = 500 lm  <b>07</b> = 750 lm  <b>10</b> = 1000 lm  <b>15</b> = 1500 lm  <b>20</b> = 2000 lm  <b>25</b> = 2500 lm  <b>30</b> = 3000 lm  <b>35</b> = 3500 lm  <b>40</b> = 4000 lm  <b>45</b> = 4500 lm <sup>(7)</sup>  <b>50</b> = 5000 lm <sup>(7)</sup>  <b>55</b> = 5500 lm <sup>(7)</sup>  <b>60</b> = 6000 lm <sup>(7)</sup></p>	<p><b>D010</b> = UNV 120-277V, 50/60Hz, 0-10V 1%-100% dimming at 120-277V on 0-10V controls</p> <p><b>Canada Option 500-4000 lumens:</b>  <b>D010347</b> = 347VAC 50/60Hz 0-10V 1%-100% dimming. For 500, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000lm models only <sup>(1)</sup></p> <p><b>Canada Option 4500-6000 lumens:</b>  <b>D010X347</b> = step down transformer factory installed (with standard "D010" 120V-277V LED driver). For 4500, 5000, 5500, 6000lm models only <sup>(1)</sup></p> <p><b>DLV</b> = Distributed Low Voltage dimming driver 1%-100%, 1000-4000 lumens only. For use with DLVP system only, refer to DLVP specifications for details. <sup>(1)</sup></p>	<p><b>REM7</b> = 7 watt emergency battery pack with remote test / indicator light, use with D010 only <sup>(1)(2)(6)</sup></p> <p><b>REM14</b> = 14 watt emergency battery pack with remote test / indicator light, use with D010 only <sup>(1)(2)(6)</sup></p> <p><b>IEM7</b> = 7 watt emergency battery pack with integral test / indicator light, use with D010 only <sup>(1)(2)(6)(10)</sup></p> <p><b>IEM14</b> = 14 watt emergency battery pack with integral test / indicator light, use with D010 only <sup>(1)(2)(6)(10)</sup></p> <p><b>BOD7ST</b> = 7.5 watt Bodine self-test emergency battery pack with remote test / indicator light, use with D010 only <sup>(1)(2)(6)</sup></p> <p><b>WTA</b> = Factory WaveLinX PRO Tilemount Sensor Kit <sup>(4)</sup></p> <p><b>WTK</b> = Factory WaveLinX LITE Tilemount Sensor Kit <sup>(5)</sup></p> <p><b>WPN</b> = WaveLinX PRO Wireless Node without Sensor <sup>(11)</sup></p> <p><b>WLN</b> = WaveLinX LITE Wireless Node without Sensor <sup>(12)</sup></p> <p><b>REM7</b> = 7 watt emergency battery pack with remote test / indicator light, use with DLV only <sup>(1)(2)(3)(6)</sup></p> <p><b>REM14</b> = 14 watt emergency battery pack with remote test / indicator light, use with DLV only <sup>(1)(2)(3)(6)</sup></p> <p><b>IEM7</b> = 7 watt emergency battery pack with integral test / indicator light, use with DLV only <sup>(1)(2)(3)(6)(10)</sup></p> <p><b>IEM14</b> = 14 watt emergency battery pack with integral test / indicator light, use with DLV only <sup>(1)(2)(3)(6)(12)</sup></p>	<p><b>HB128APK</b> = L channel hanger bar, 26", pair (replacement)</p> <p><b>RMB22</b> = Adjustable wood joist mounting bars, pair, extend to 22" long</p> <p><b>H347</b> = 347 to 120V step down transformer, 75VA</p> <p><b>H347200</b> = 347 to 120V step down transformer, 200VA</p> <p><b>WTA</b> = Field WaveLinX PRO Tilemount Sensor Kit <sup>(4)</sup></p> <p><b>WTK</b> = Field WaveLinX LITE Tilemount Sensor Kit <sup>(5)</sup></p>
<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	<b>Notes</b>
	(7) Marked Spacing: Center to Center of Adjacent Luminaires = 36" Center of Luminaire to Building Member = 18" Minimum overhead = 0.5	(1) Not available with CP models	(1) Not available with CP models (2) Not available with D010347 (347V models) (3) ULus for U.S. only (4) WTA = WaveLinX tilemount sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with D010 only (Refer to WaveLinX specifications) (5) WTK = WaveLinX LITE tilemount sensor kit for daylight dimming, PIR motion sensing, use with D010 only (Refer to WaveLinX LITE specifications) (6) Emergency battery backup options are Non-IC only, and rated for a minimum starting temperature of 0°C (10) IEM option requires compatible IEM reflector or baffle trim. See Trim Ordering below. (11) WPN = WaveLinX PRO wireless node provides luminaire-level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0-10V driver only. Not compatible with 347V or Chicago plenum. (Refer to WaveLinX PRO specifications.) (12) WLN = WaveLinX LITE wireless node provides luminaire-level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0-10V driver only. Not compatible with 347V or Chicago plenum. (Refer to WaveLinX LITE specifications.)	(4) WTA = WaveLinX PRO tilemount sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with D010 only. (Refer to WaveLinX PRO specifications.) (5) WTK = WaveLinX LITE tilemount sensor kit for daylight dimming, PIR motion sensing, use with D010 only. (Refer to WaveLinX LITE specifications.)

## LED Module Order Information

LED Module	Lumens	CRI/CCT	
<b>HM4</b> = 4" LED module	<p><b>0525</b> = 500 - 2500 lumen  <b>3040</b> = 3000-4000 lumen  <b>4560</b> = 4500-6000 lumen</p>	<p><b>827</b> = 80CRI, 2700K  <b>830</b> = 80CRI, 3000K  <b>835</b> = 80CRI, 3500K  <b>840</b> = 80CRI, 4000K  <b>850</b> = 80CRI, 5000K</p>	<p><b>927</b> = 90CRI, 2700K  <b>930</b> = 90CRI, 3000K  <b>935</b> = 90CRI, 3500K  <b>940</b> = 90CRI, 4000K  <b>950</b> = 90CRI, 5000K</p>
<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	

## Trim Order Information

Reflector	Distribution <sup>(8)</sup>	Finish	Flange	Accessories
<b>41 = 4" conical reflector</b>	<b>ND</b> = narrow 50° beam angle 0.84 SC (nominal) <b>MD</b> = medium 60° beam angle 1.00 SC (nominal) <b>WD</b> = wide 75° beam angle 1.24 SC (nominal) <b>RWW</b> = rotatable wall wash with linear spread lens	<b>C</b> = Specular clear <b>H</b> = Semi-specular clear <b>W</b> = White	<b>Blank</b> = Polished flange standard with C & H reflectors <b>Blank</b> = White flange standard with W reflectors <b>WF</b> = White flange option available with C & H reflectors <b>BF</b> = Black Flange option available with C, H & W reflectors	<b>41RWWPK</b> = Replacement part kit - wall wash lens insert - for use with 41RWW* only.
<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	<b>Notes</b>
	(8) Values are nominal for white reflector, others may vary.			

Baffle	Distribution <sup>(8)</sup>	Finish	Flange	Accessories
<b>41 = 4" baffle reflector</b>	<b>WD</b> = wide 75° beam angle 1.24 SC (nominal) <b>RWW</b> = rotatable wall wash with linear spread lens	<b>BB</b> = Black baffle <b>WB</b> = White baffle	<b>Blank</b> = White flange standard with BB, & WB reflectors <b>BF</b> = Black flange option available with BB reflectors	<b>41RWWPK</b> = Replacement part kit - wall wash lens insert - for use with 41RWW* only.
<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	<b>Notes</b>
	(8) Values are nominal for white reflector, others may vary.			

Reflector	Distribution <sup>(8)</sup>	Finish	Flange
<b>41PS = 4" non-conductive polymer 'dead front' conical reflector<sup>(9)</sup></b>	<b>MD</b> = medium 60° beam angle 1.00 SC (nominal)	<b>W</b> = White	<b>Blank</b> = White flange standard with W reflectors <b>BF</b> = Black Flange option available with W reflectors
<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	<b>Notes</b>
(9) 41PS* is 1000-3000 lumens Non-IC rated. 500 & 750 lumens IC rated. 41PS is not for use over 3000 lumens in Non-IC or over 750 lumens in IC.	(8) Values are nominal for white reflector, others may vary.		

IEM Reflector	Distribution <sup>(8)</sup>	Finish	Flange	Integral Emergency
<b>41 = 4" conical reflector for integral emergency only</b>	<b>ND</b> = narrow 50° beam angle 0.84 SC (nominal) <b>MD</b> = medium 60° beam angle 1.00 SC (nominal) <b>WD</b> = wide 75° beam angle 1.24 SC (nominal)	<b>C</b> = Specular clear <b>H</b> = Semi-specular clear <b>W</b> = White	<b>Blank</b> = Polished flange standard with C & H reflectors <b>Blank</b> = White flange standard with W reflectors <b>WF</b> = White flange option available with C & H reflectors <b>BF</b> = Black flange option available with C, H, & W reflectors	<b>IEM</b> = Reflector for use with integral emergency housings only. Provides access hole for integral emergency test switch.
<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	<b>Notes</b>
	(8) Values are nominal for white reflector, others may vary.			

IEM Baffle	Distribution <sup>(8)</sup>	Finish	Flange	Integral Emergency
<b>41 = 4" baffle reflector for integral emergency only</b>	<b>WD</b> = wide 75° beam angle 1.24 SC (nominal)	<b>BB</b> = Black baffle <b>WB</b> = White baffle	<b>Blank</b> = White flange standard with BB, & WB reflectors <b>BF</b> = Black flange option with BB reflectors	<b>IEM</b> = Reflector for use with integral emergency housings only. Provides access hole for integral emergency test switch.
<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	<b>Notes</b>	<b>Notes</b>
	(8) Values are nominal for white reflector, others may vary.			

## Product Specifications

### Housing Frame

- Boat shaped galvanized steel plaster frame with adjustable plaster lip
- Accommodates 1/2" to 1-1/2" thick ceilings
- Installs in new construction or from below the finished ceiling (non-accessible) for remodeling
- Provided with two remodel clips to secure the frame to the ceiling

### Universal Mounting Bracket

- Adjusts 2" vertically from above and below the ceiling
- Use with the included mounting bars or with 1/2" Electric Metallic Tube (EMT)
- Removable to facilitate remodeling installation from below the finished ceiling

### Mounting Bars

- Captive pre-installed No Fuss™ mounting bars lock to T-grid with screwdriver or pliers
- Centering detents allow for consistent positioning of fixtures

### LED Module

- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Available in 80 or 90 color rendering index (CRI)
- Color accuracy within 3 SDCM provides color consistency and uniformity
- 90 CRI option: R9>50 (refer to chromaticity information for details)
- Available in 2700K, 3000K, 3500K, 4000K and 5000K correlated color temperature (CCT)
- Lumen options include 500, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000 lumens (nominal)
- Passive thermal management achieves 60,000 hours at 70% lumen maintenance (L70) in insulated ceilings (IC) and non-IC applications
- Integral connector allows quick connection to housing flex

### Reflector

- Self-flanged aluminum reflectors available in narrow, medium or wide distribution patterns
- Medium distribution polymer non-conductive matte white reflector may be used to meet local codes for 'dead front' applications (500 & 750 lumen max. in IC and 3000 lumen max. in Non-IC)
- Integral diffuse lens provides visual shielding
- Wall wash reflector features a rotatable linear spread lens for alignment of vertical illumination
- Reflectors attach to LED module with three speed clamps
- Available in multiple painted or plated finishes

### Reflector/Module Retention

- Reflector/module assembly is securely retained in the housing with two torsion springs

### Driver

- Field-replaceable constant current driver provides low noise operation
- Universal 120-277VAC 50/60Hz input standard
- Continuous, 1% to 100% dimming with 0-10V analog control
- Optional low-voltage DC driver for use with Distributed Low Voltage Power (DLVP) system
- Distributed Low Voltage Power (DLVP) system combines power, lighting and controls with ease of installation (refer to DLVP Design Guide at [www.cooperlighting.com](http://www.cooperlighting.com) for details)

### Canada Options

- 347VAC 50/60Hz; 1% dimming on 0-10V analog control, for 500, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000 lumen models only
- 347V step down transformer factory installed with the standard "D010" 120V-277V, LED driver on 4500, 5000, 5500, 6000 lumen models only

### Emergency Option

- Provides 90 minutes of standby lighting, meeting most life safety codes for egress lighting
- Available with integral or remote charge indicator and test switch
- Available Self-Test (self-diagnostic) with remote charge indicator and test switch
- Quick Spec emergency ordering option for quick-turn projects

### Connected Lighting System

Two WaveLinx connected solutions to choose from. Refer to WaveLinx system specifications and application guides for details.

#### WaveLinx PRO Tilemount Sensor Kit

- WaveLinx PRO WTA tilemount sensor kit offers daylight dimming, PIR motion sensing, scene and zone configuration, automatic commissioning; and optional RLTS - Real Time Location Services available.

#### WaveLinx PRO Wireless Node

- WaveLinx PRO WPN wireless node provides luminaire-level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0-10V driver only. **Note:** Not compatible with 347V or Chicago plenum.

#### WaveLinx LITE Tilemount Sensor Kit

- WaveLinx LITE WTK tilemount sensor kit offers daylight dimming and PIR motion sensing, scene and grouping configuration.

#### WaveLinx LITE Wireless Node

- WaveLinx LITE WLN wireless node provides luminaire level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0-10V driver only. **Note:** Not compatible with 347V or Chicago plenum.

### WaveLinx Tilemount Sensor Kits Application

- The WTA and WTK tilemount sensor kits include a control module mounted on the luminaire junction box via 1/2" knock-out, and a tilemount sensor on 54-inch whip; for ceiling installation by direct-mount spring clips or via mounting bracket in octagon ceiling boxes.
- The WTA and WTK tilemount sensor kits may be ordered as factory installed on the luminaire, or ordered separately as a field installed accessory kit.
- **Note: WaveLinx PRO devices are only compatible with the WaveLinx PRO system.**
- **Note: WaveLinx LITE devices are only compatible with the WaveLinx LITE system.**

### Junction Box

- Galvanized steel junction box
- 20 in<sup>3</sup> internal volume excluding voltage barrier
- 25 in<sup>3</sup> internal total volume
- Voltage barrier for 0-10V dimming wires (occupies one 1/2" pry-out space)
- Listed for eight #12 AWG (four in, four out) 90°C conductors and feed-thru branch wiring
- Three 1/2" and two 3/4" trade size pry-outs available
- Three 4-port push wire nuts for mains voltage with 1-port for fixture connection

### Compliance

- cULus Certified to UL 1598 / C22.2 No. 250.0, suitable for damp locations and wet locations in covered ceilings only
- Emergency options provided with UL Listed emergency drivers to UL 924 / C22.2 No. 141, suitable for indoor/damp locations
- IP20 - Above finished ceiling; IP64 - Below finished ceiling
- Non-Insulated ceiling (Non-IC) rated for 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000 lumen models (insulation must be kept 3" from top and sides)
- Insulated ceiling (IC) rated for 500, 750, 1000, 1500 lumen models and suitable for direct contact with air permeable insulation\* (IC models are also suitable for Non-IC installations)
- Non-IC marked spacing required for 4500, 5000, 5500, 6000 lumen models
  - Marked Spacing Center to Center of Adjacent Luminaires = 36"
  - Center of Luminaire to Building Member = 18"
  - Minimum overhead = 0.5"
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions FCC CFR Title 47 Part 15 Class A at 120/277V
- Contains no mercury or lead and RoHS compliant
- Photometric testing completed in accordance of IES LM-79-08
- Lumen maintenance projection in accordance of IES LM-80-08 and TM-21-11
- 1,000 and 1,500 lumen, 90 CRI, ICAT models may be used to comply with State of California Title 24 residential code, per JA8 certification standards
- May be used to comply with State of California Title 24 non-residential code as a dimmable LED luminaire
- ENERGY STAR® certified, reference certified light fixtures database
  - \*Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013

### Warranty

- Five year limited warranty, consult website for details. [www.cooperlighting.com/legal](http://www.cooperlighting.com/legal)