



PROJECT

Project Solis

Mesa Del Sol Innovation Park II, Tract J
Albuquerque, NM 87105

PROJECT NUMBER

31CM25034,
400401013

CLIENT



Pacific Fusion

6082 Stewart Ave, Fremont, CA 94538



Page Southerland Page, Inc.

250 Montgomery Street
Suite 1400
San Francisco, CA 94104
pagethink.com

TEL 415 249 0130

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ORIGINAL ISSUE

DFT SUBMISSION

13 FEB 2026

CONSULTANT TEAM

ARCHITECT
Stantec Architecture, Inc.
6501 Americas Parkway NE
Suite 700
Albuquerque, NM 87110
505.456.5584

MEP ENGINEERS
Meysers + Engineers
98 Battery Street
Suite 500
San Francisco, CA 94111
415.432.8102

LANDSCAPE ARCHITECTS
Stantec Architecture, Inc.
250 Montgomery Street
Suite 1400
San Francisco, CA 94104
415.882.9500

WIND ENGINEERING
CPP Wind Engineering Cnslt.
7365 Greendale Rd.
Suite 150
Windsor, CO 80550
970.221.3371

TECH/SECURITY/ LOW VOLTAGE
HMA Consulting
5010 Wright Road
Suite 150
Stafford, TX 77477
832.944.6020

STRUCTURAL ENGINEERS
Thronton Tomasetti
235 Montgomery Street
Suite 1050
San Francisco, CA 94104
415.365.6902

CIVIL ENGINEER
Bohannon Huston, Inc.
7500 Jefferson Street, NE
Albuquerque, NM 87109
505.823.1000

LIFE SAFETY
Jenson Hughes, Inc.
10170 Church Ranch Way
Suite 200
Westminster, CO 80021
720.547.9749

EMI/EMF ENGINEER
ETS-Lindgren
Lewes, DE 19958
630.912.1030

PROFESSIONAL SEALS

FOR REVIEW ONLY

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STRUCTURAL ENGINEERS Thornton Tomasetti 235 Montgomery Street Suite 1000 San Francisco, CA 94104 415.365.8902	CIVIL ENGINEER Bohannon Huston, Inc. 7500 Jefferson Street, NE Albuquerque, NM 87109 505.823.1000
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5010 Wright Road
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Stafford, TX 77477
832.944.6020

- GENERAL NOTES**
- DIMENSIONS ARE TO FACE OF CURB, OR WALL, OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
 - ALL CURB RADI ARE 7' UNLESS OTHERWISE NOTED.
 - CURBS AND ACCESSIBLE RAMPS WILL BE DESIGNED AND BUILT ACCORDING TO THE CITY OF ALBUQUERQUE STANDARDS.
 - STREETS, PARKING SPACES, AND ASSOCIATED DRIVES TO BE ASPHALT UNLESS NOTED OTHERWISE.
 - LANDSCAPE AND SIGNAGE WILL NOT INTERFERE WITH CLEAR SIGHT REQUIREMENTS. SIGNS, WALLS, AND PLANTINGS BETWEEN 7' AND 8' TALL (AS MEASURED FROM THE GUTTER PAN) WILL NOT BE PERMITTED IN THE CLEAR SIGHT TRIANGLE.
 - TYPICAL ONSITE PARKING SPACE 9'x18' UNLESS NOTED OTHERWISE.

- KEYED NOTES**
- | NUMBER | DESCRIPTION |
|--------|--|
| A2 | LABEL "MC" AT THE BACK OF 4'x10' MOTORCYCLE SPACES |
| A3 | MOTORCYCLE PARKING ONLY SIGN. SEE DETAIL 11A5502 |
| A4 | HC PARKING SIGN. SEE DETAIL 7A5502 |
| A5 | HC PARKING SIGN. SEE DETAIL 10A5502 |
| A6 | DIRECTIONAL ARROW TYP |
| A7 | CONCRETE SIDEWALK. SIDEWALK WIDTH VARIES. SEE DETAIL 6A5501 |
| A8 | ASPHALT PAVING. SEE CIVIL |
| A9 | CROSS WALK STRIPING 3"X6"X32" |
| A10 | PIPE BOLLARD. SEE DETAIL 7A5501 |
| A11 | BLDG OVERHEAD. SEE ARCH |
| A12 | FIRE HYDRANT. SEE CIVIL |
| A13 | WATER STORAGE TANK. SEE CIVIL |
| A14 | OIL STORAGE TANK. SEE CIVIL |
| A15 | ACCESSIBLE CURB RAMP. SEE DETAIL 6A5502 OR 13A5502 |
| A16 | CONCRETE CURB AND GUTTER. SEE CIVIL |
| A17 | REFUSE/SOLID WASTE ENCLOSURE. SEE DETAIL 11A5501 |
| A18 | LOADING ZONE |
| A19 | ELECTRICAL SERVICE AREA |
| A20 | BIKE RACK (2 SPACES). SEE DETAIL 5A5502 |
| A21 | 4" WHITE STRIPE TYP |
| A22 | MONUMENT SIGN |
| A23 | 8" HIGH ORNAMENTAL STEEL SECURITY FENCE WITH VEHICULAR AND MAINTENANCE GATES. COLOR: BLACK |
| A24 | EV CHARGING STATION |
| A25 | CONCRETE CURB AND GUTTER PER CITY STANDARD DETAIL 2415A |
| A26 | PERPENDICULAR CURB RAMP PER CITY STANDARD DETAIL 2443 |
| A27 | PARALLEL CURB RAMP PER CITY STANDARD DETAIL 2442 |
| A28 | SIDEWALK PER CITY DETAIL 2430 |
| A29 | SHADE CANOPY WITH OUTDOOR SEATING FURNITURE AT OUTDOOR AMENITY SPACE |
| A30 | POLE MOUNTED LIGHT FIXTURE ON CONCRETE BASE |
| A31 | BUILDING MOUNTED LIGHT FIXTURE |
| A32 | EXTERIOR STAIR |

PROJECT DATA

LOT AREA TOTAL: 17 ACRES = 740,520 SF

AREA OF LOT COVERED BY BUILDING
239,464 SF (239,464 GFA) THIS NUMBER IS USED TO CALCULATE NET LOT.

USABLE OPEN SPACE: N/A

PARKING CALCULATION (DO TABLE 5-5-1)
RESEARCH AND TESTING FACILITY: 239,464 SF, 1.5 SPACES PER 1,000 GFA
PARKING REQUIRED (BEFORE AVAILABLE PARKING REDUCTIONS) = 360 SPACES

EV PARKING REQUIRED = 18 SPACES
EV PARKING PROVIDED = 18 SPACES
MOTORCYCLE PARKING REQUIRED = 8 SPACES (DO TABLE 5-5-4)
MOTORCYCLE PARKING PROVIDED = 8 SPACES
BICYCLE PARKING REQUIRED = 36 SPACES (DO TABLE 5-5-5)
BICYCLE PARKING PROVIDED = 36 SPACES

AVAILABLE PARKING REDUCTIONS (DO 5-5(C)(6))
ELECTRIC VEHICLE CHARGING STATION PARKING REDUCTION = 18 EV SPACES
(1 24V EV CHARGING STATION = 2 SPACES) = 36 SPACES

ON STREET PARKING REDUCTION = 52 SPACES ON-STREET
(1 ON STREET SPACE = 1/2 SPACE) = 26 SPACES

TOTAL PARKING REDUCTION = 62 SPACES

TOTAL PARKING REQUIRED = 360 SPACES - 62 SPACES = 298 SPACES
TOTAL PARKING PROVIDED = 308 SPACES
(INCLUDING 10 ADA SPACES)

PROJECT DATA - TOTALS

ZONING: PC - PLANNED COMMUNITIES

LEGAL DESCRIPTION:
SITE AREA TOTAL: 17 ACRES = 740,520 SF

DO ZONE ATLAS:
SETBACKS (MIN/MAX): FRONT 0'1100', SIDE 10'1100', REAR 10'

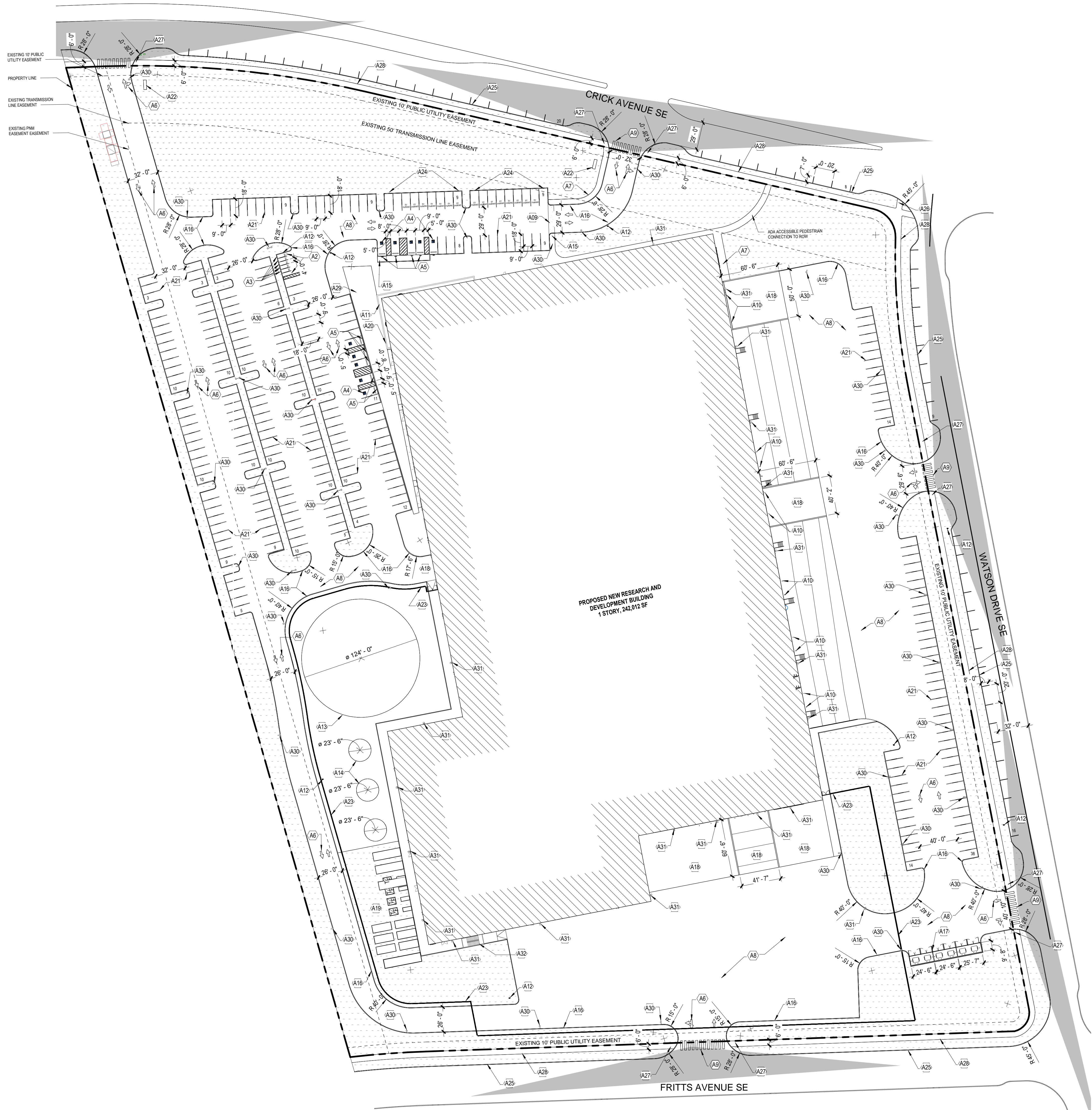
BUILDING INFORMATION: HEIGHT/OCCUPANCY/CONSTRUCTION TYPE
RESEARCH AND DEVELOPMENT BUILDING 1107' F & B IIB

MAY HEIGHT ALLOWED: 80 FT, CURRENTLY SEEKING EPC TEXT AMENDMENT TO INCREASE TO 110FT

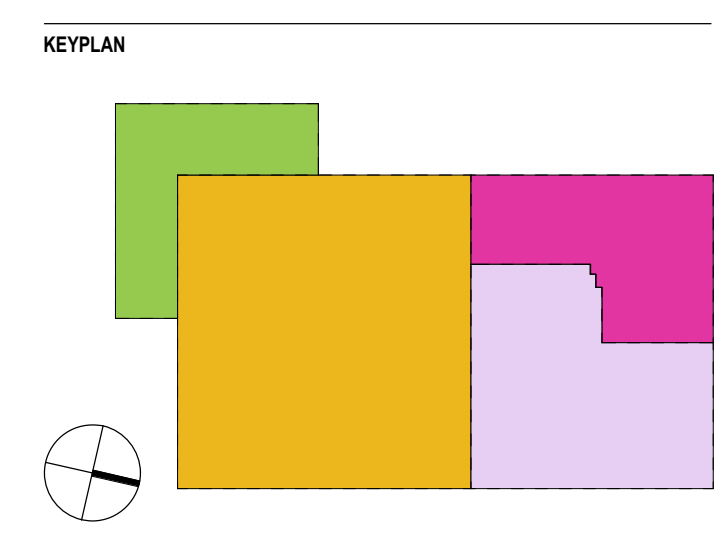
SITE PLAN LEGEND

SYMBOL	DESCRIPTION
	PROPERTY LINE
	LANDSCAPE AREA
	CLEAR SIGHT TRIANGLE
	ADA PATH

VICINITY MAP



ARCHITECTURAL - SITE PLAN
SCALE: 1" = 50'-0"
0 25 50 100



REVISION HISTORY

REVISION	DESCRIPTION	DATE
A	DFT SUBMISSION	13 FEB 2026

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PROJECT NUMBER 31CM25034_40461013
ABBREVIATION Safe

DRAWN BY Author
CHECKED BY Checker

ORIGINAL ISSUE
50% DD
13 FEB 2026

SHEET NAME
ARCHITECTURAL - SITE PLAN

SHEET NUMBER
AS-101

CONSULTANT TEAM

ARCHITECT
Stantec Architecture, Inc.
6501 Americas Parkway NE
Suite 700
Albuquerque, NM 87110
505.456.5584

STRUCTURAL ENGINEERS
Thornton Tomasetti
235 Montgomery Street
Suite 1000
San Francisco, CA 94104
415.365.8902

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WIND ENGINEERING
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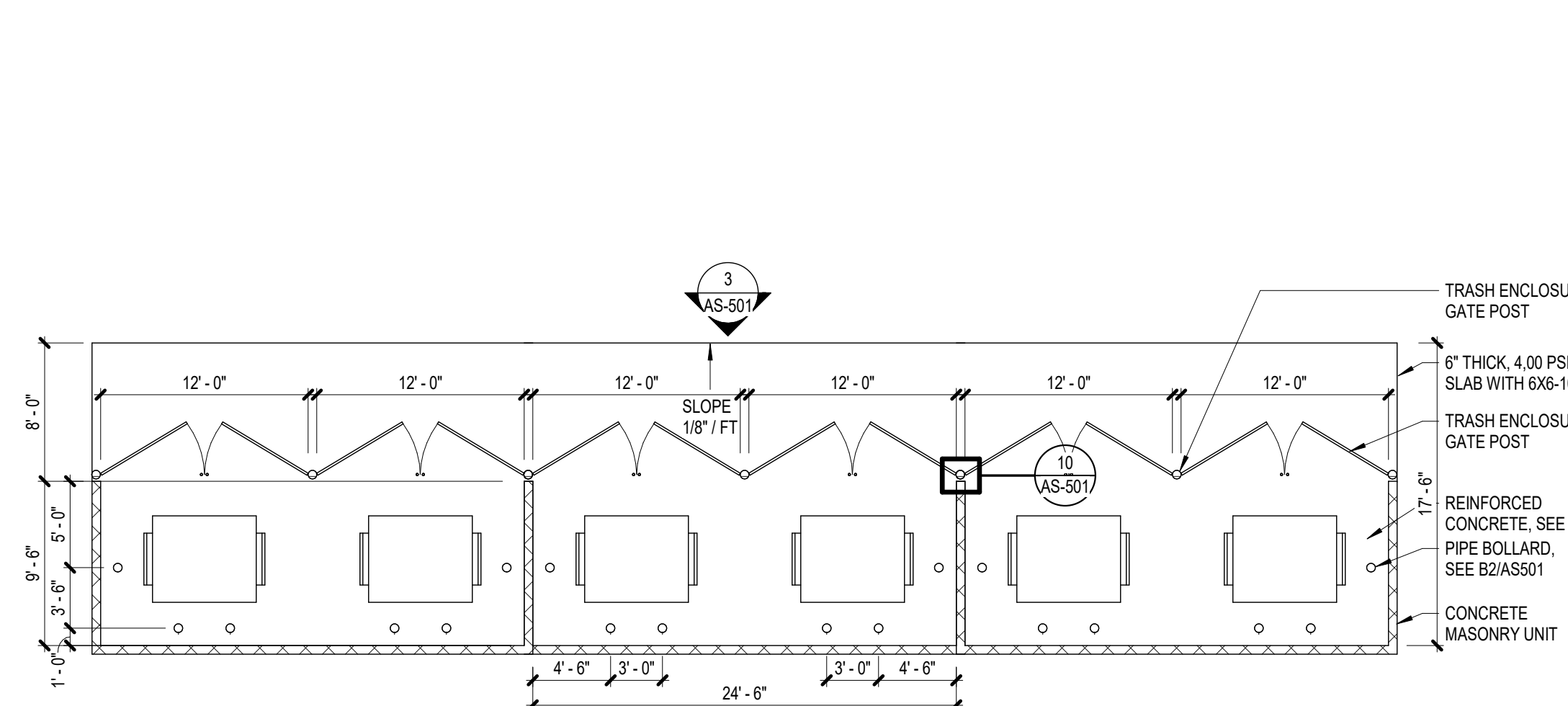
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Suite 150
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San Francisco, CA 94111
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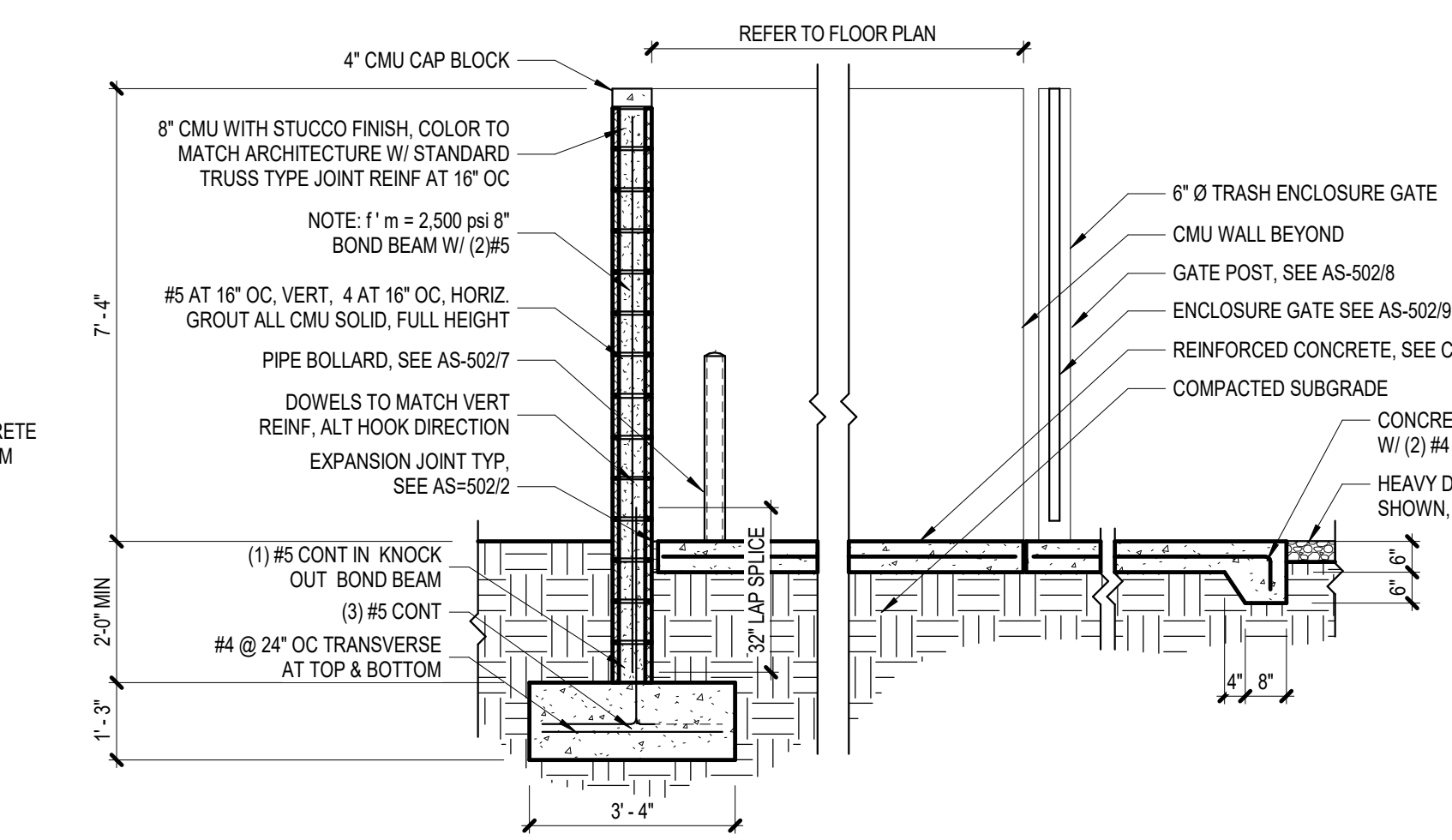
CIVIL ENGINEER
Bohannon Huston, Inc.
7300 Jefferson Street, NE
Albuquerque, NM 87109
505.823.1000

LIFE SAFETY
Jenson Hughes, Inc.
10170 Church Ranch Way
Suite 200
Westminster, CO 80021
720.547.9749

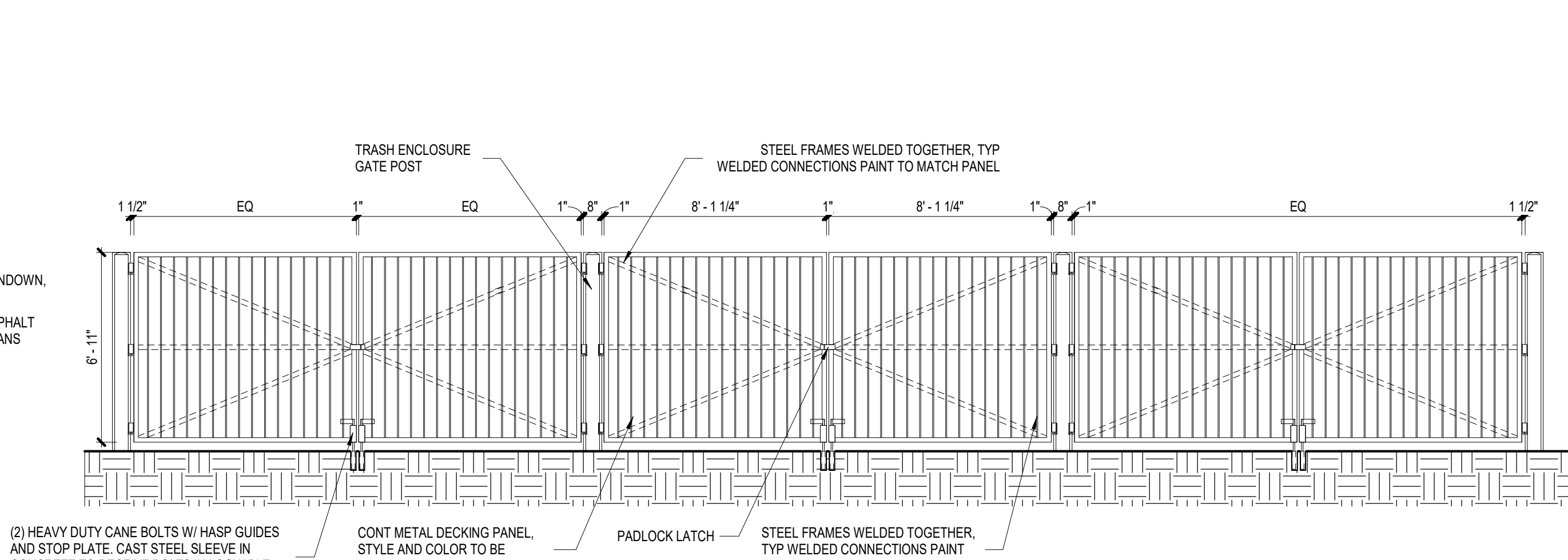
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ETS-Lindgren
Lewes, DE 19958
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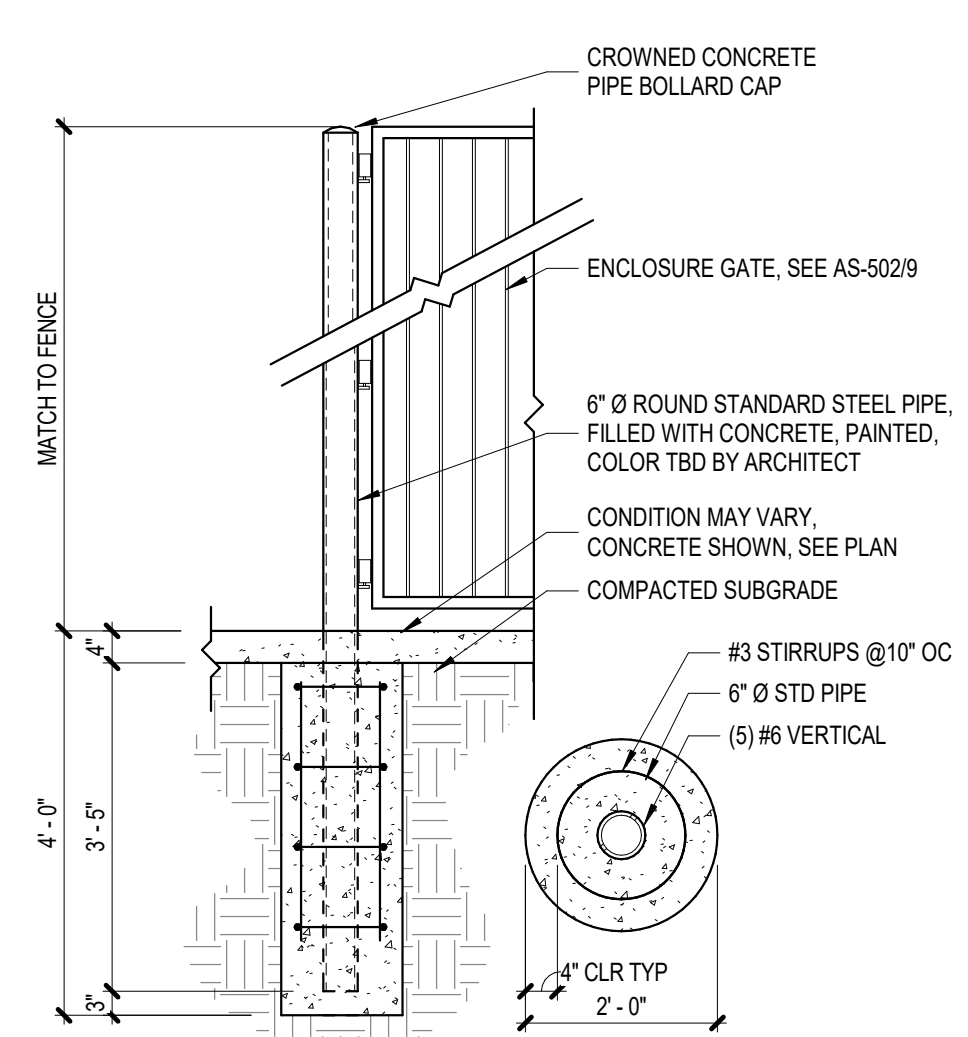
11 REFUSE/SOLID WASTE ENCLOSURE
SCALE: 1/8" = 1'-0"



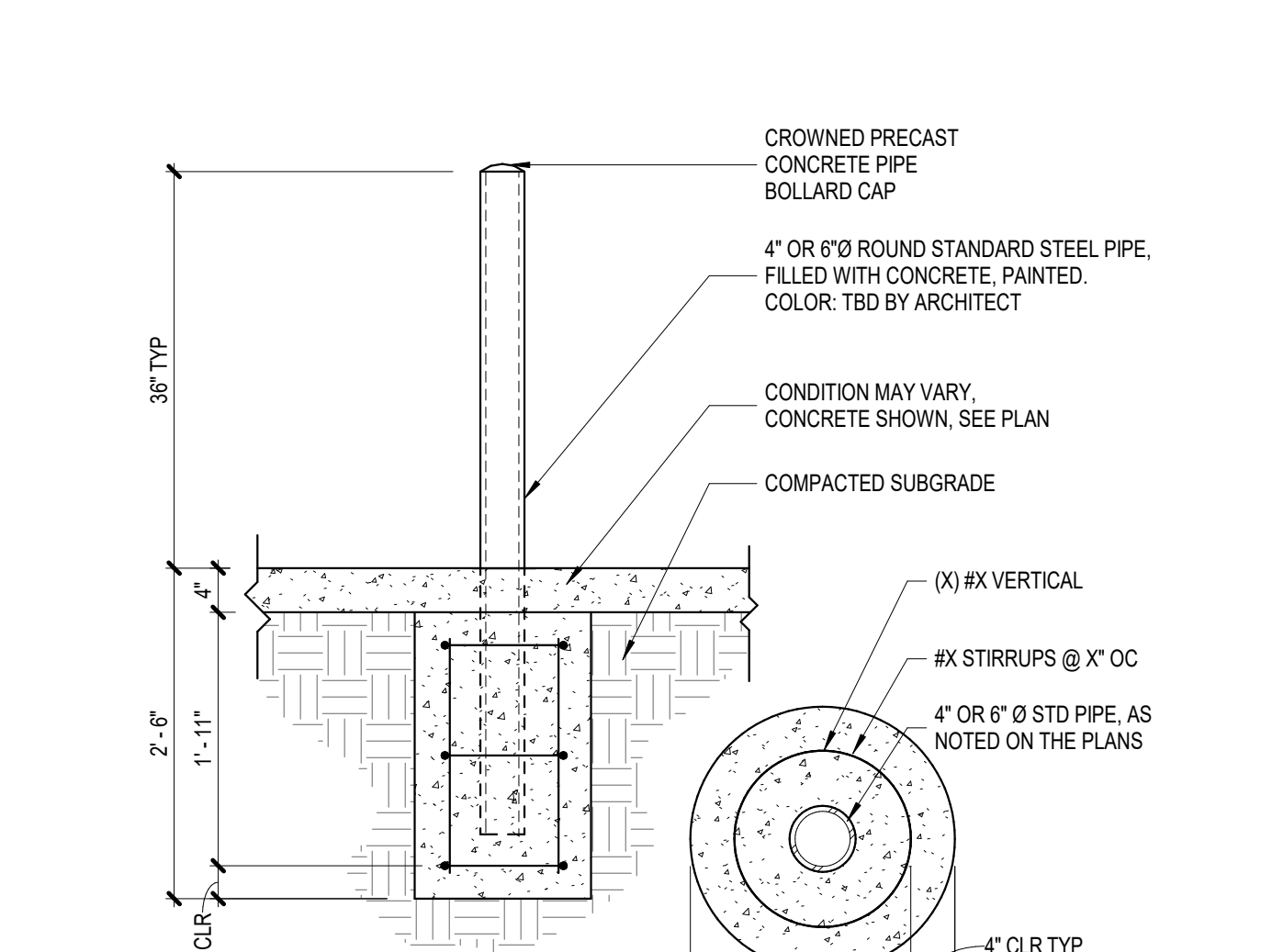
8 REFUSE/SOLID WASTE ENCLOSURE SECTION
SCALE: 3/8" = 1'-0"



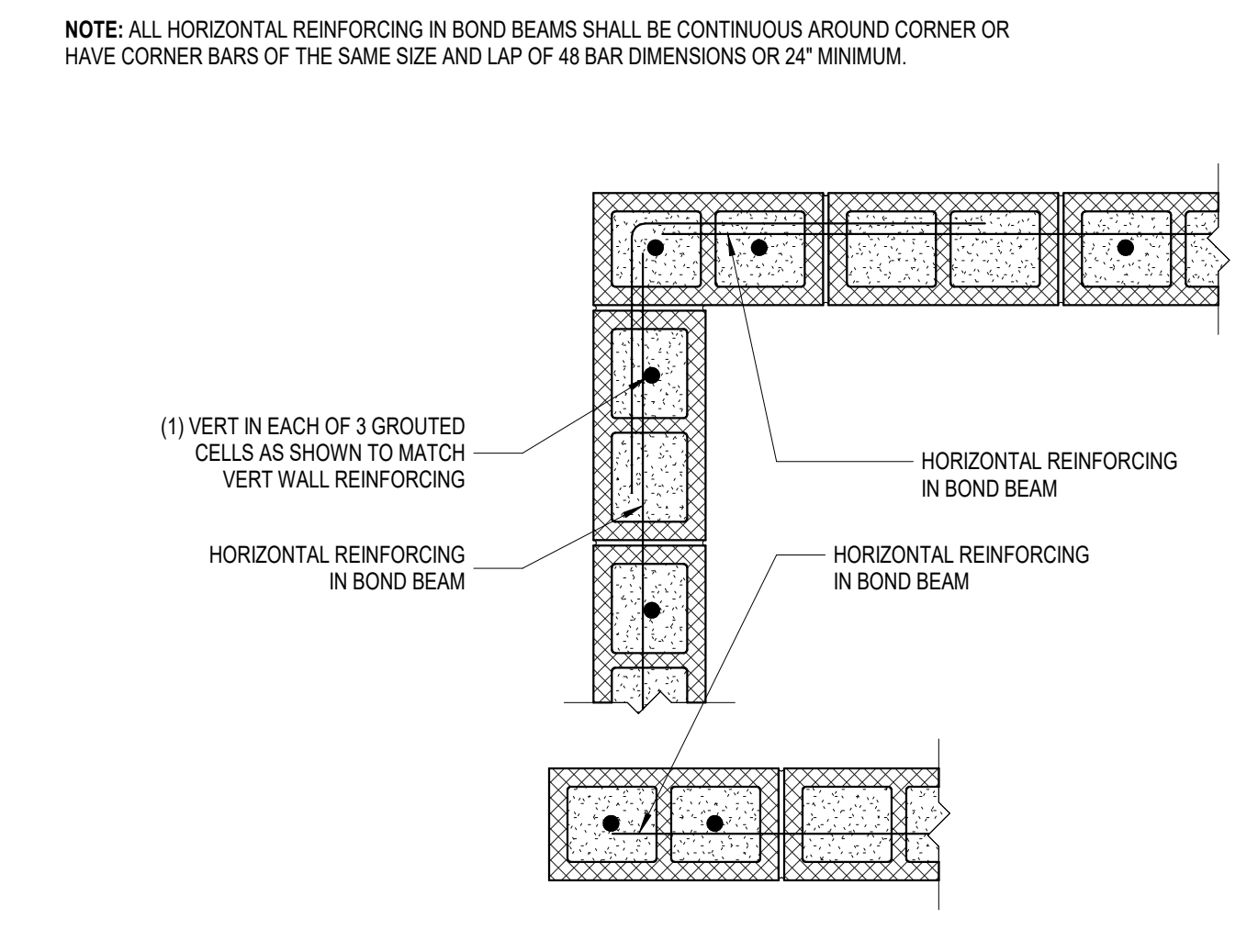
3 REFUSE/SOLID WASTE ENCLOSURE GATE
SCALE: 1/4" = 1'-0"



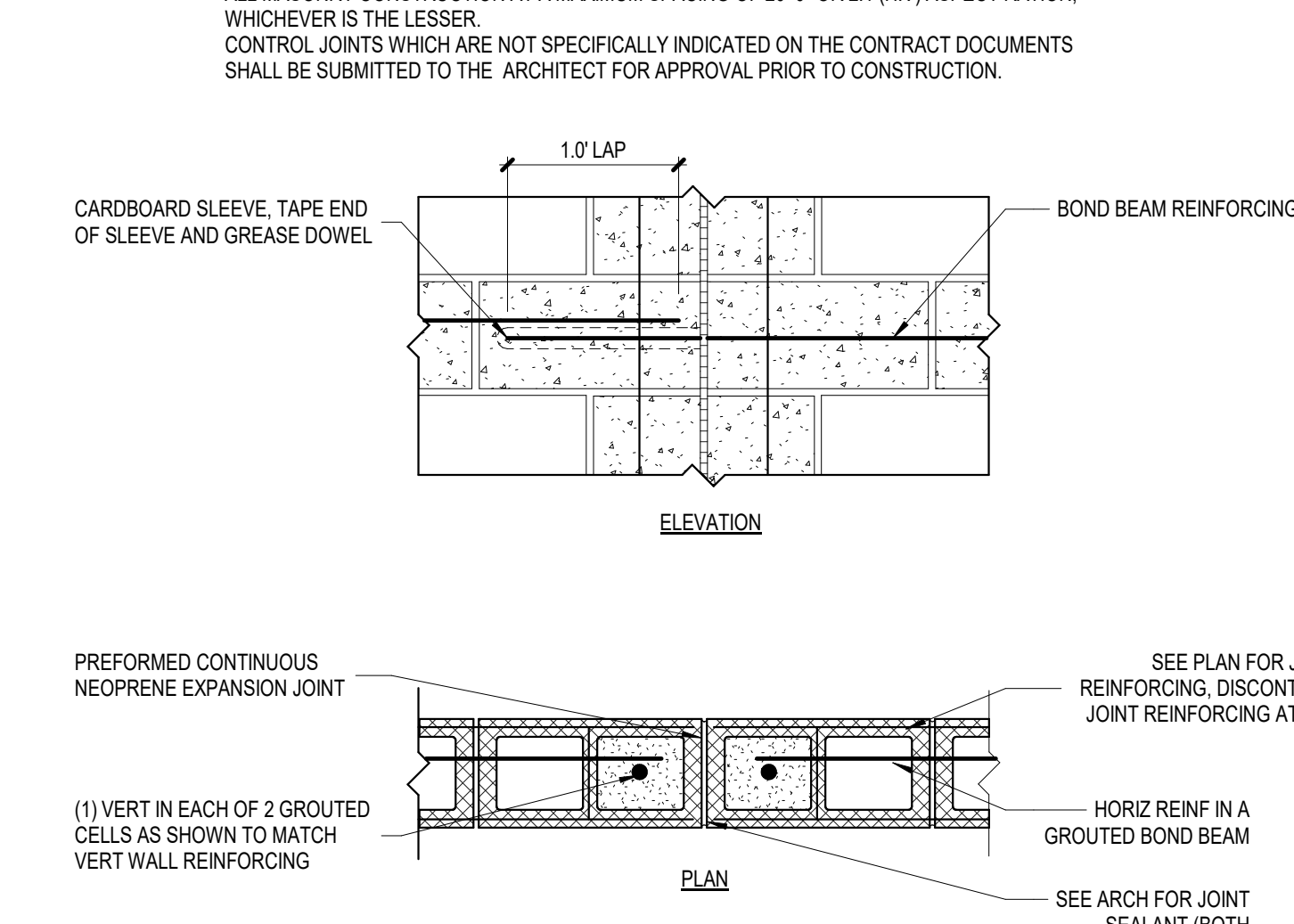
10 ENCLOSURE GATE POST
SCALE: 1/2" = 1'-0"



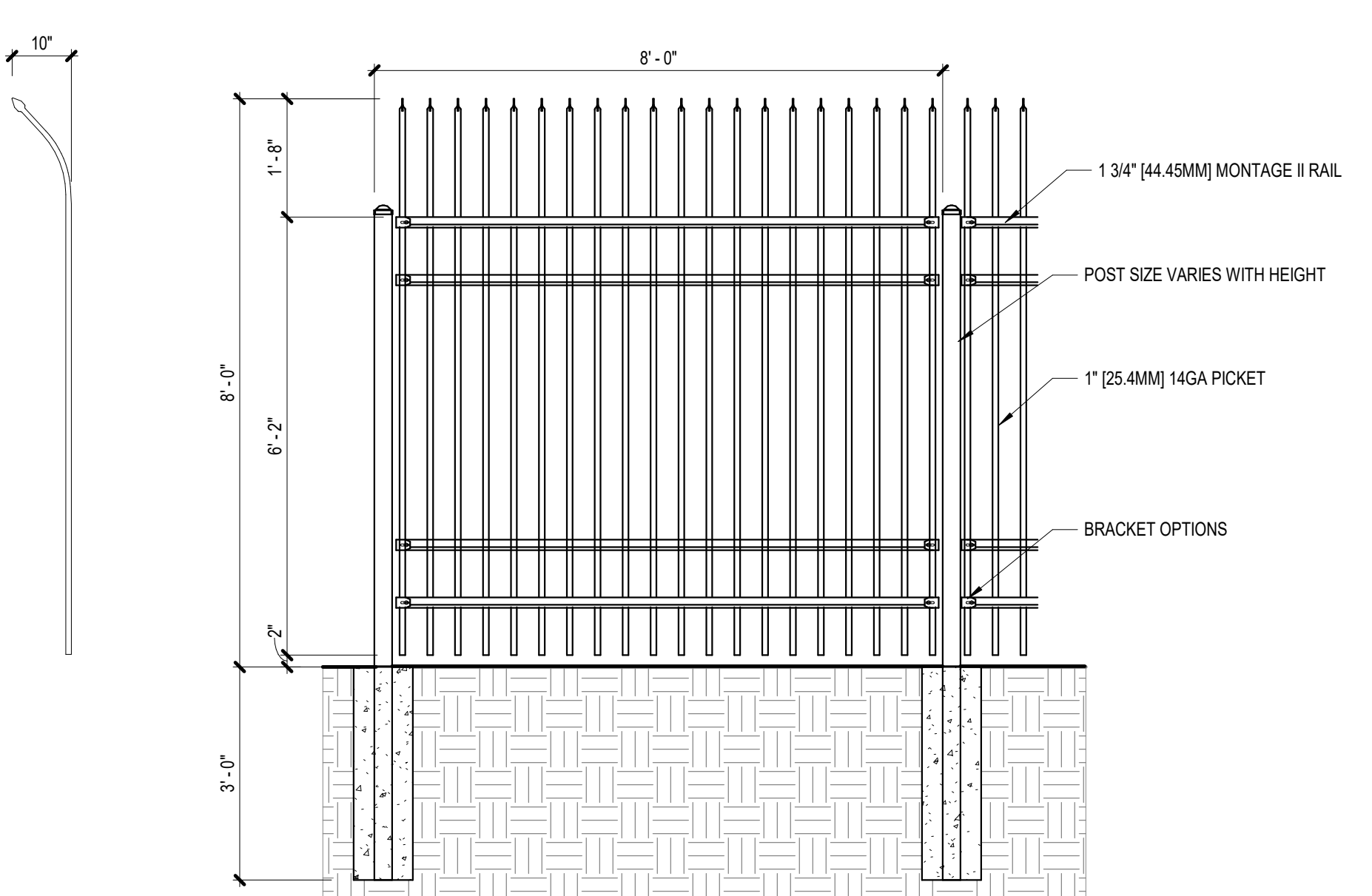
7 PIPE BOLLARD
SCALE: 3/4" = 1'-0"



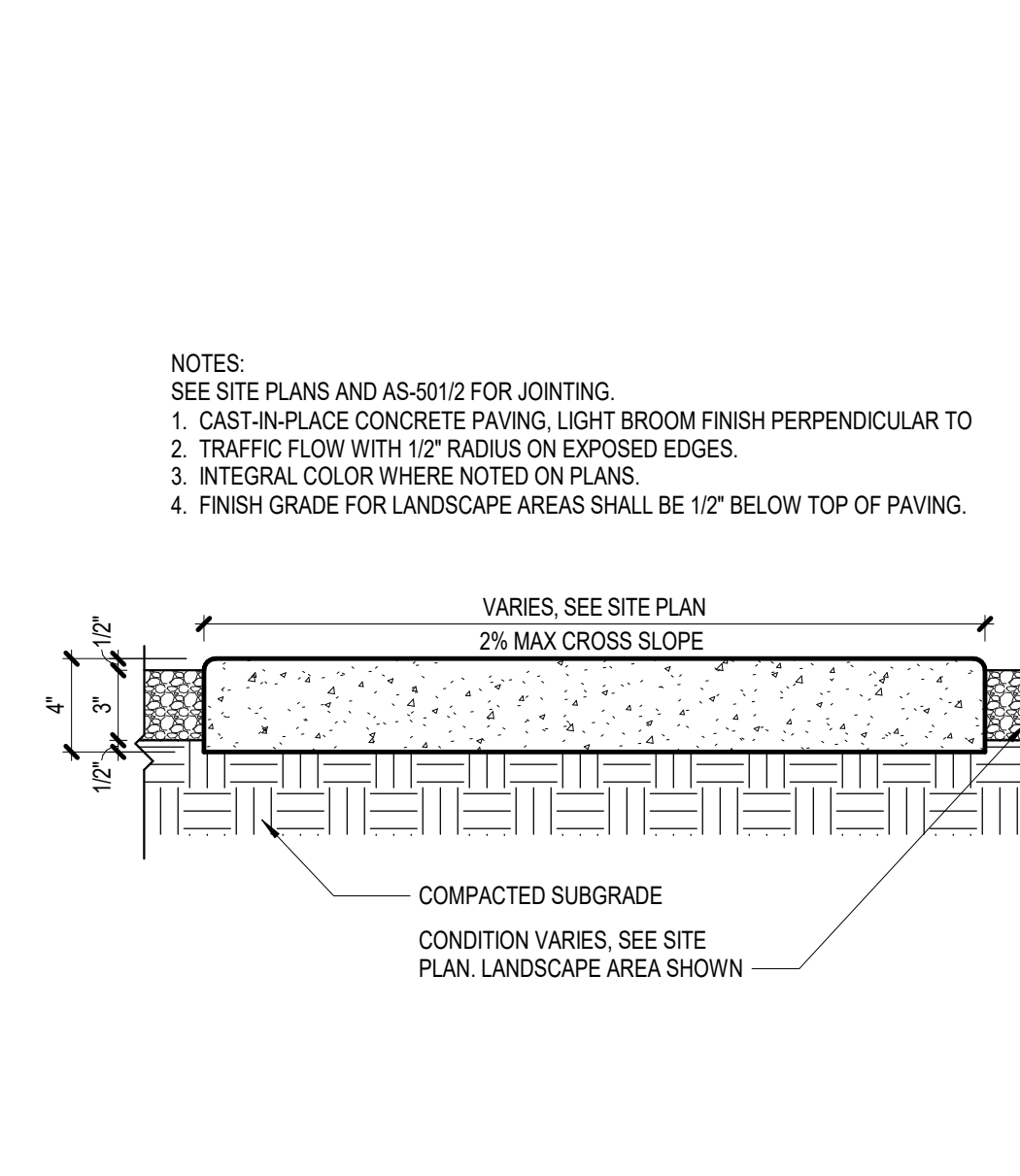
5 CMU WALL END AND CORNER
SCALE: 1" = 1'-0"



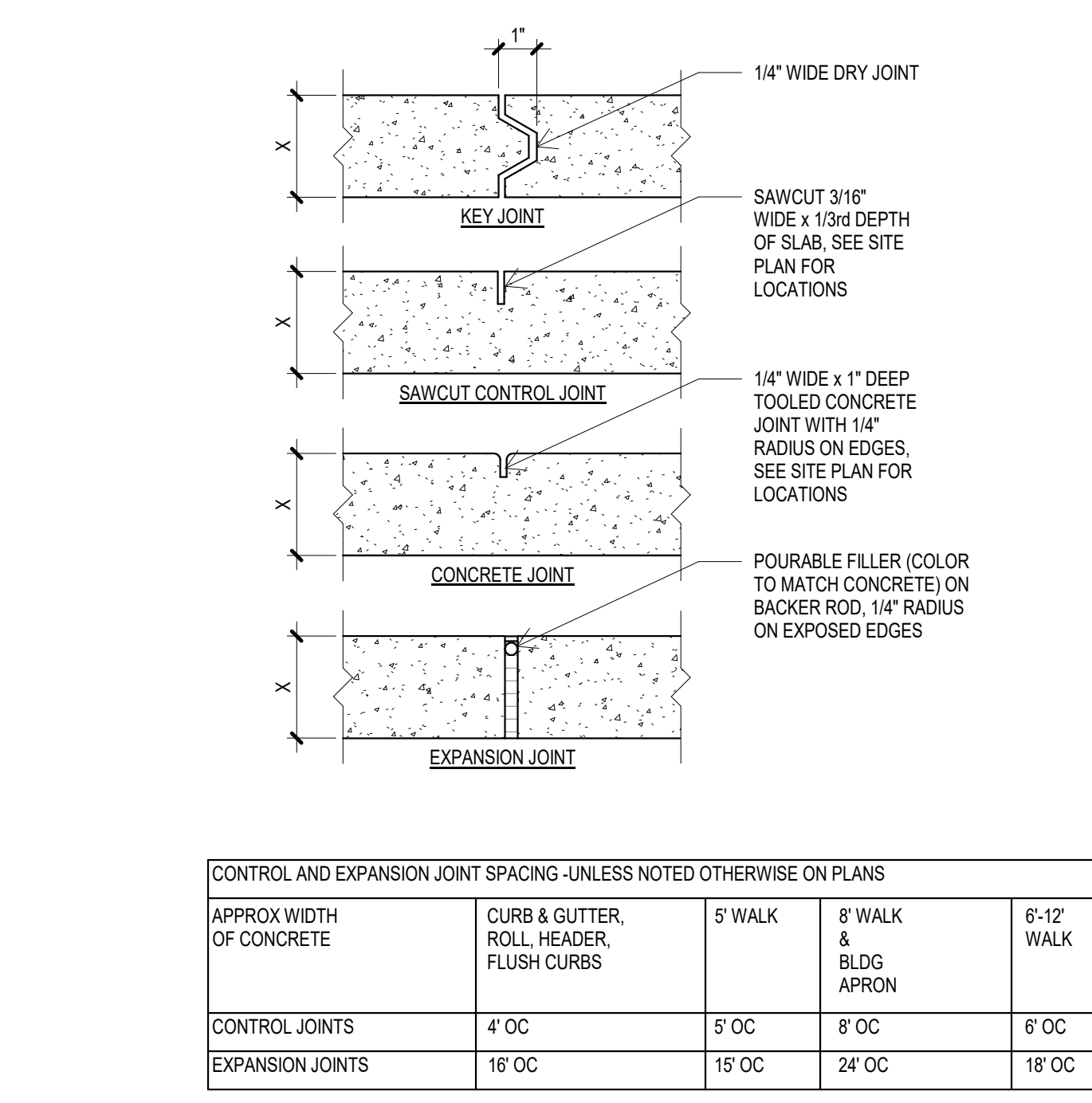
2 CMU CONTROL JOINT
SCALE: 1" = 1'-0"



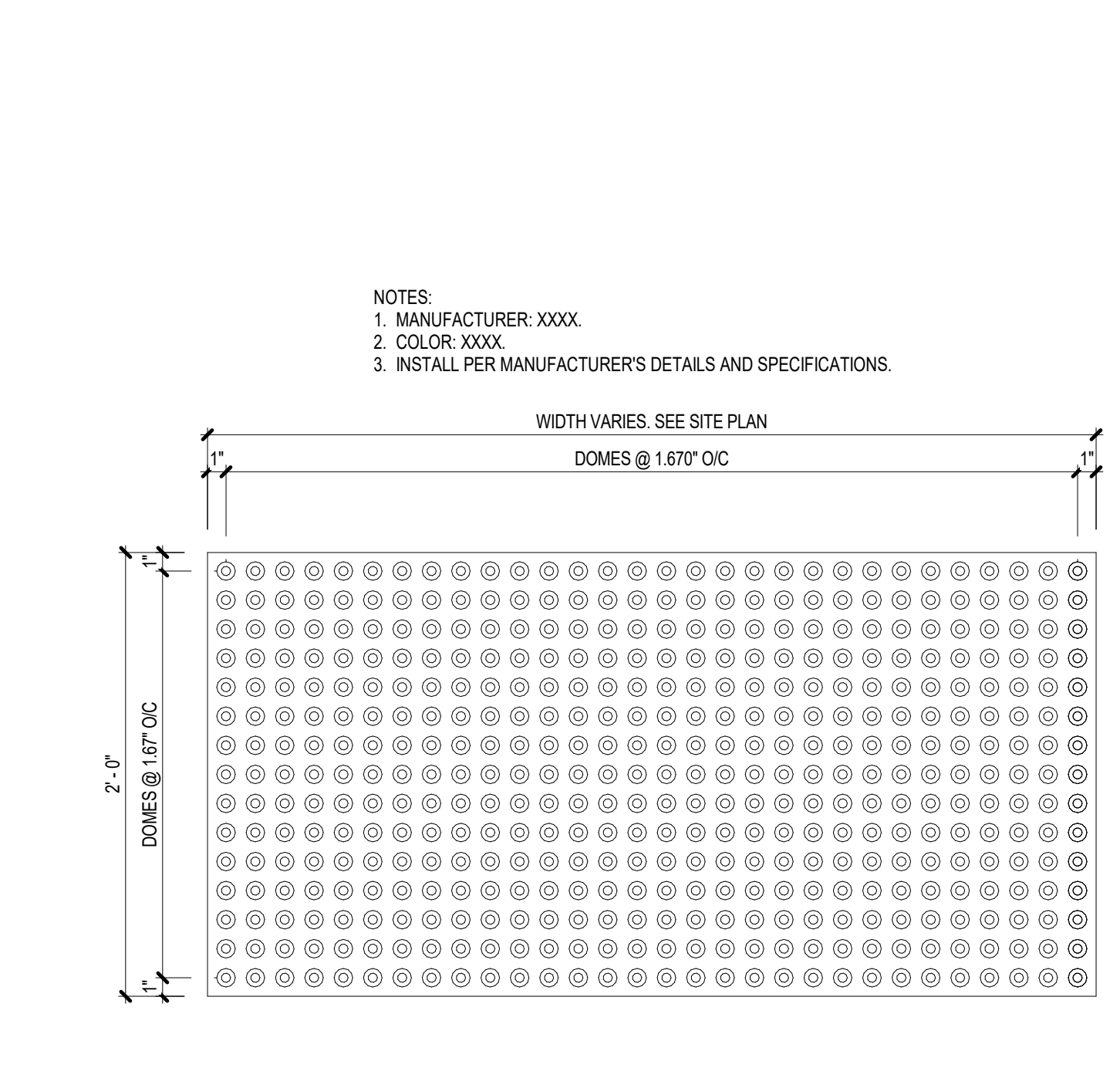
9 ORNAMENTAL FENCE
SCALE: 1/2" = 1'-0"



6 CONCRETE SIDEWALK
SCALE: 1 1/2" = 1'-0"



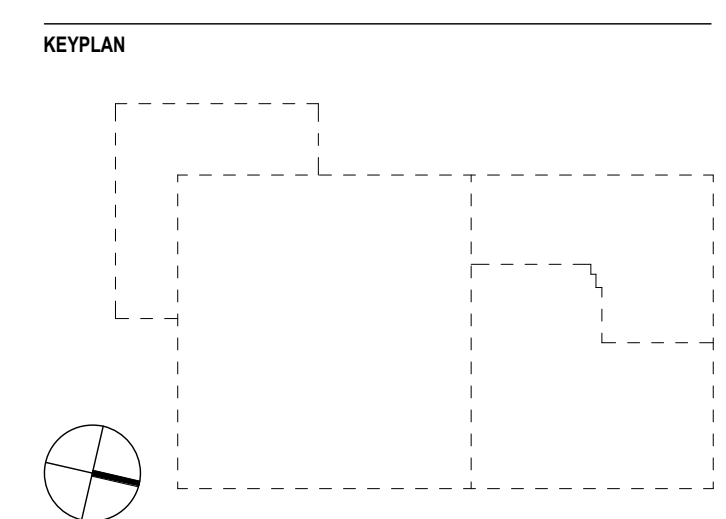
CONTROL AND EXPANSION JOINT SPACING - UNLESS NOTED OTHERWISE ON PLANS				
APPROX WIDTH OF CONCRETE	CURBS & GUTTER, ROLL HEADER, FLUSH CURBS	5' WALK & BLDG APRON	8' WALK & BLDG APRON	6'-12' WALK
CONTROL JOINTS	4' OC	5' OC	8' OC	6' OC
EXPANSION JOINTS	16' OC	15' OC	24' OC	18' OC



1 TACTILE SURFACE
SCALE: 1 1/2" = 1'-0"

NOTE: ALL HORIZONTAL REINFORCING IN BOND BEAMS SHALL BE CONTINUOUS AROUND CORNER OR HAVE CORNER BARS OF THE SAME SIZE AND LAP OF 48 BAR DIMENSIONS OR 24" MINIMUM.

NOTES:
UNLESS INDICATED OTHERWISE IN THE CONTRACT DOCUMENTS, PROVIDE CONTROL JOINTS IN ALL MASONRY CONSTRUCTION AT A MAXIMUM SPACING OF 20'-0" OR 2:1 (H:V) ASPECT RATIO, WHICHEVER IS THE LESSER.
CONTROL JOINTS WHICH ARE NOT SPECIFICALLY INDICATED ON THE CONTRACT DOCUMENTS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO CONSTRUCTION.



REVISION HISTORY

REVISION	DESCRIPTION	DATE
A	DFT SUBMISSION	13 FEB 2026

PROFESSIONAL SEALS

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CLIENT

PROJECT
Project Solis
Mesa Del Sol Innovation Park II, Tract J
Albuquerque, NM 87105

PROJECT NUMBER
31CM2534_40461013

DESIGNER
Author

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Checker

ORIGINAL ISSUE
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SHEET NAME
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SHEET NUMBER

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6501 Americas Parkway NE
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Albuquerque, NM 87110
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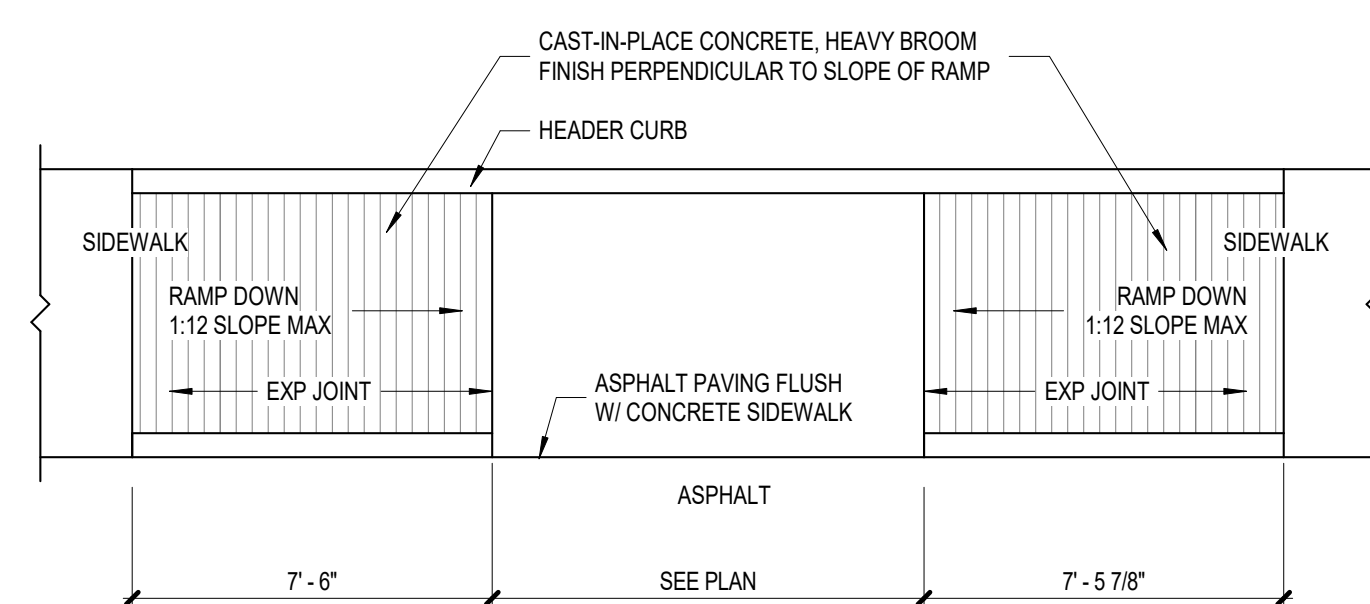
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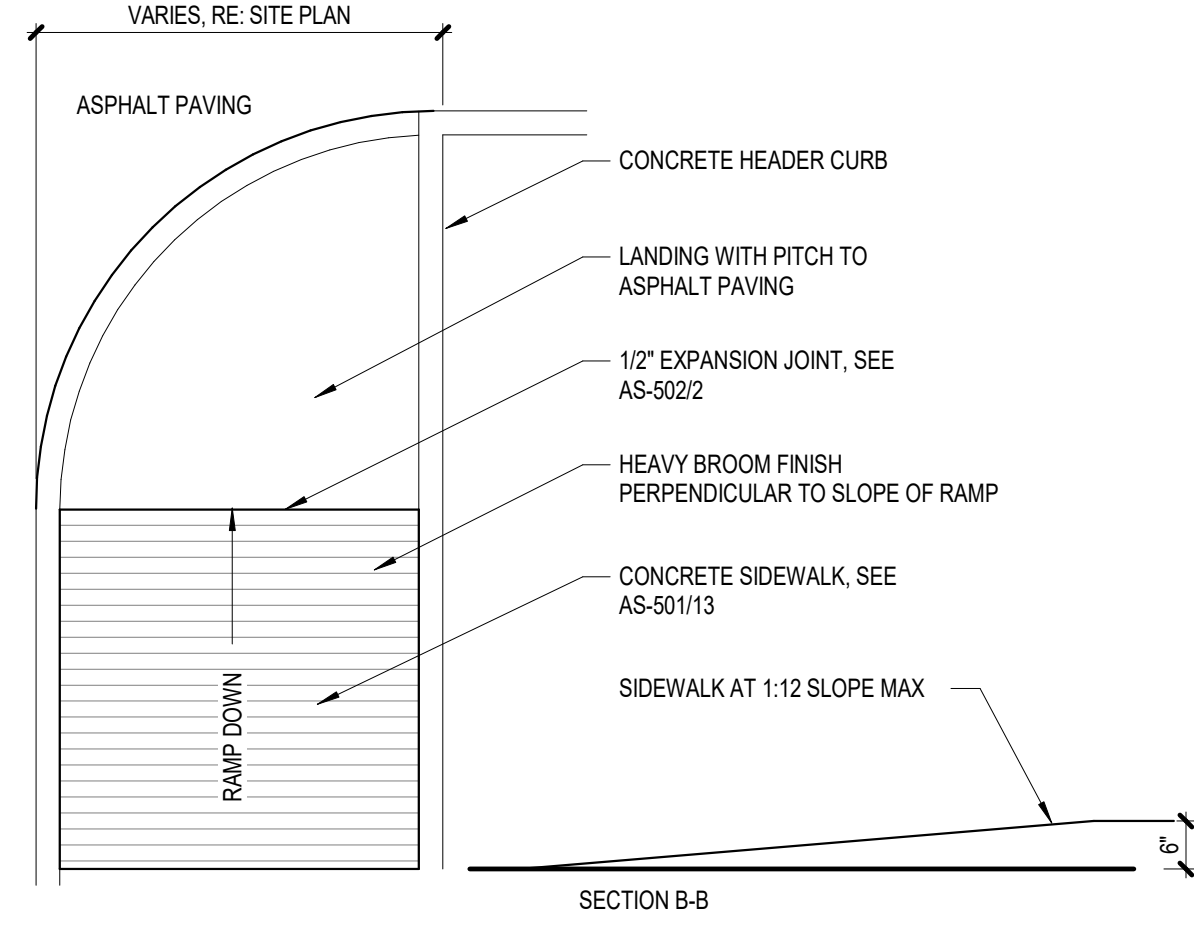
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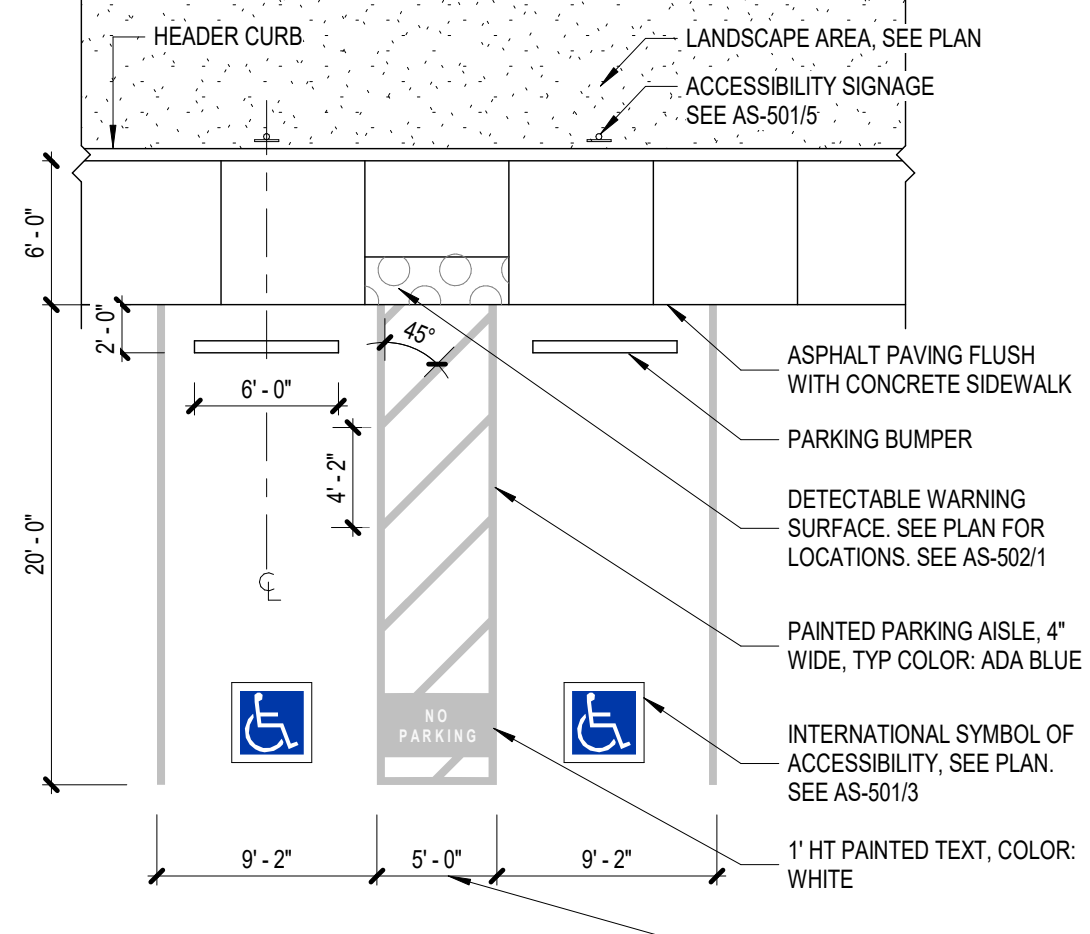
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832.844.6020



11 ACCESSIBLE CURB RAMP TYPE A
SCALE: 1/4" = 1'-0"

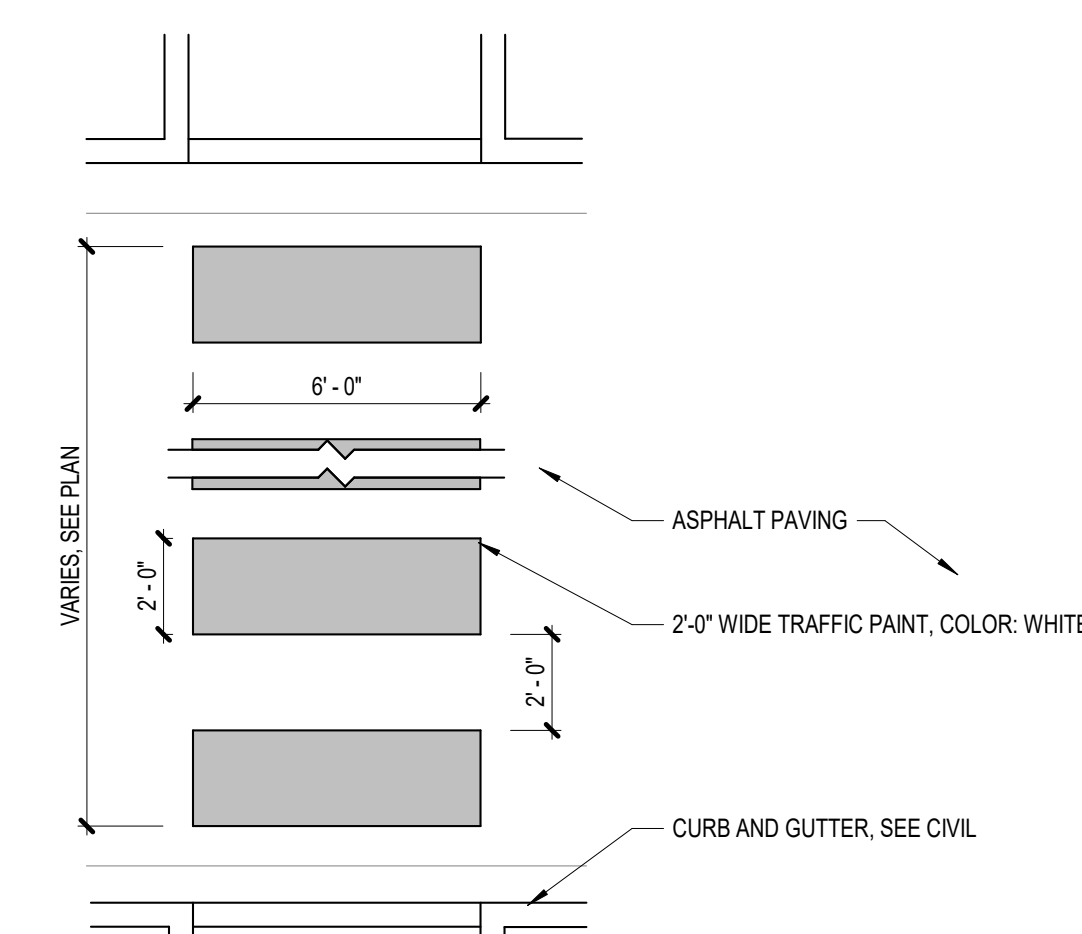


9 ACCESSIBLE CURB RAMP TYPE B
SCALE: 1/2" = 1'-0"

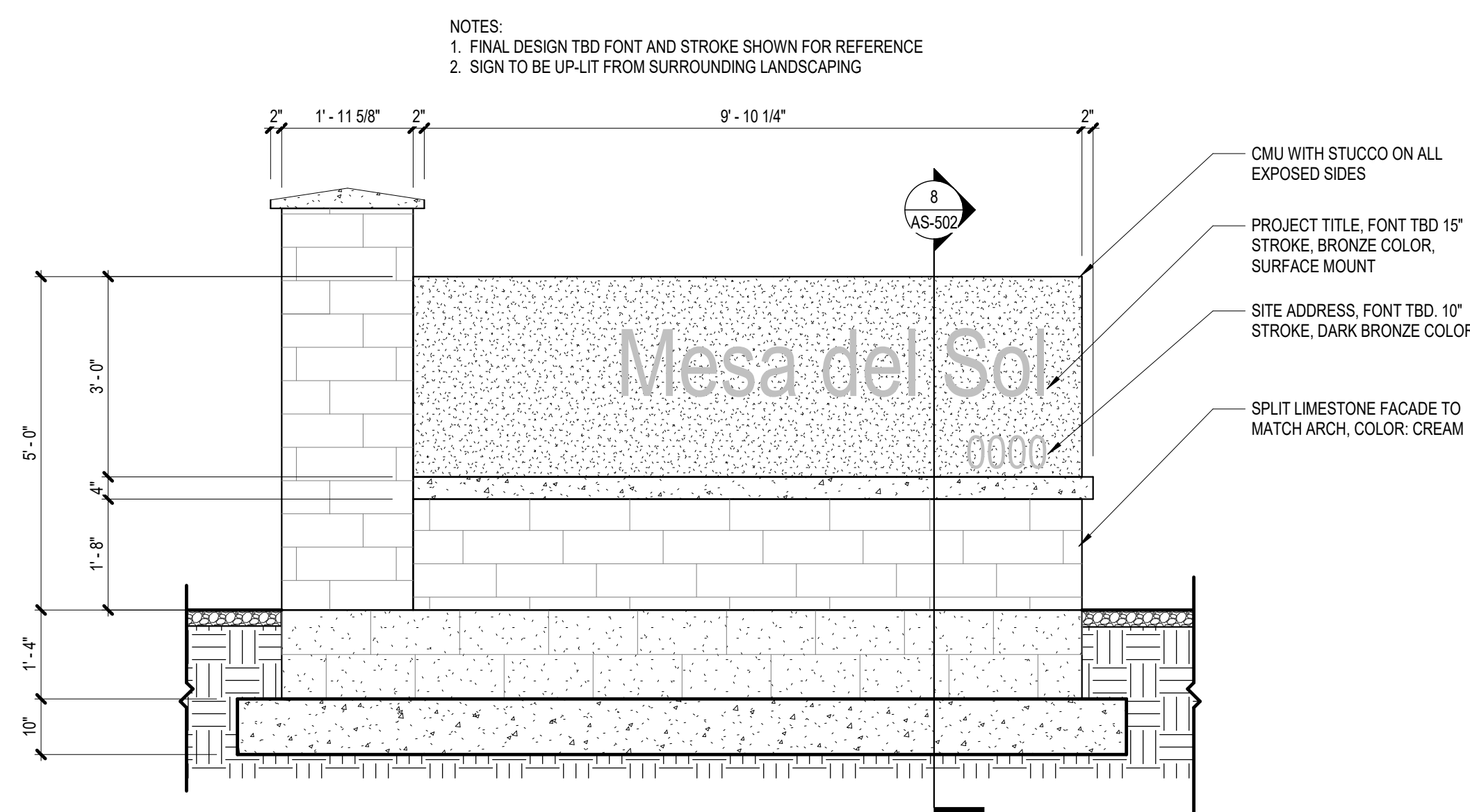


6 ACCESSIBLE PARKING
SCALE: 1/8" = 1'-0"

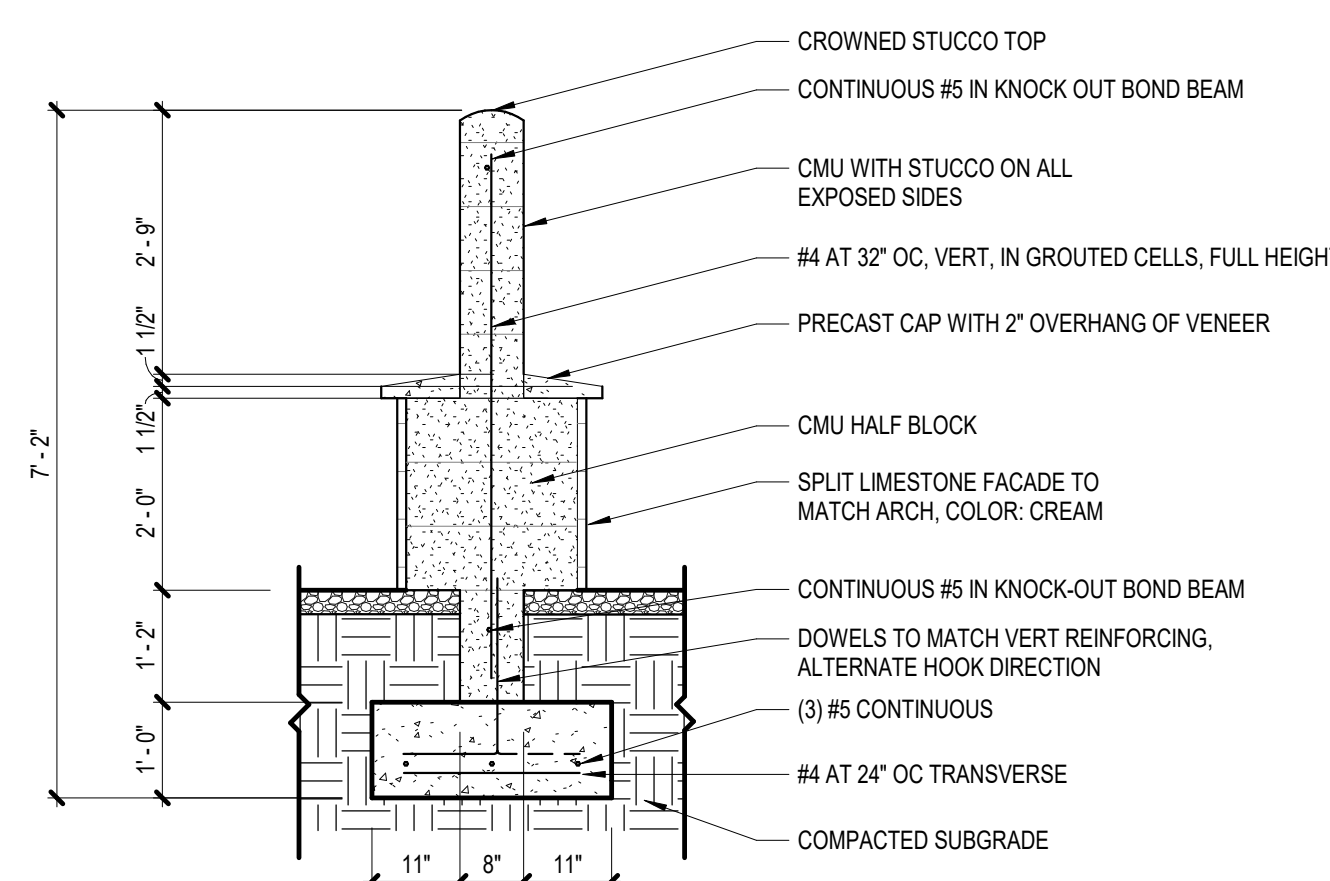
NOTE:
WHEN CONDITION OCCURS IN RIGHT OF WAY USE REFLECTIVE PAINT.



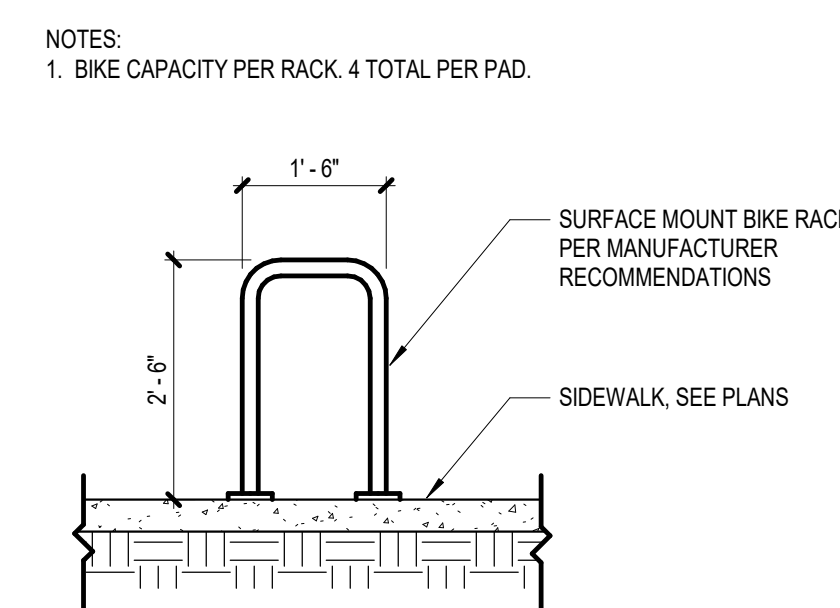
3 PAINTED CROSSWALK
SCALE: 1/4" = 1'-0"



12 MONUMENT SIGN
SCALE: 1/2" = 1'-0"

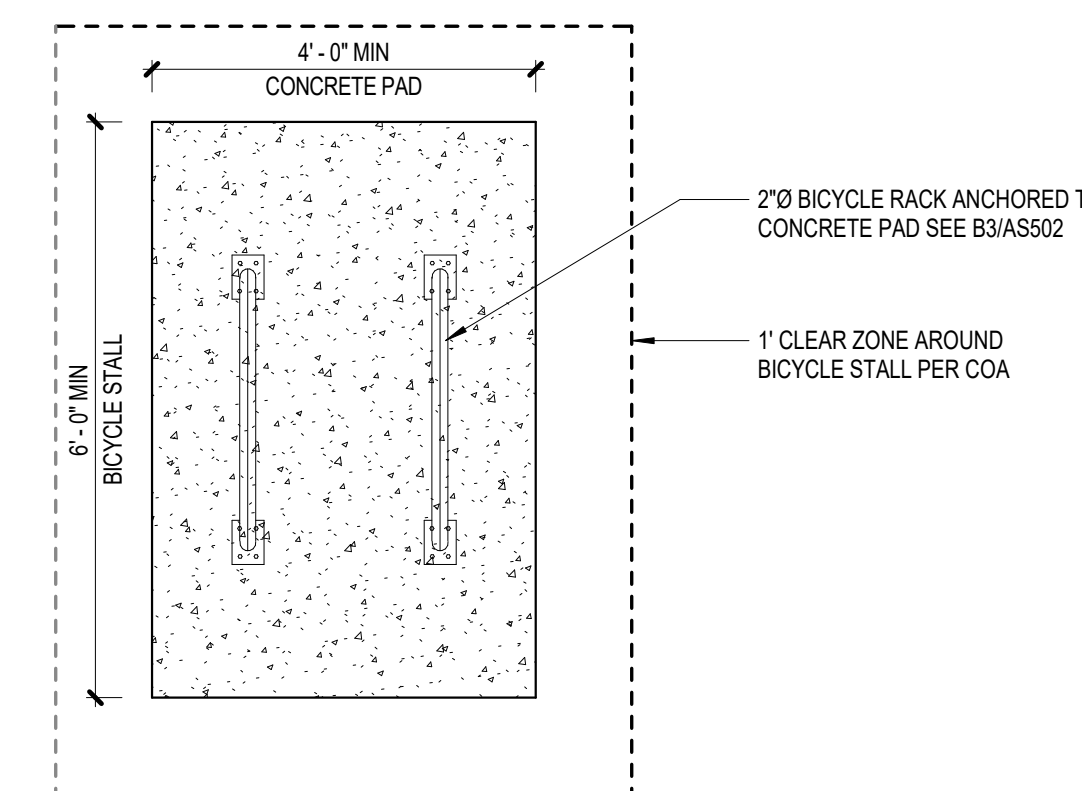


8 MONUMENT SIGN SECTION
SCALE: 1/2" = 1'-0"

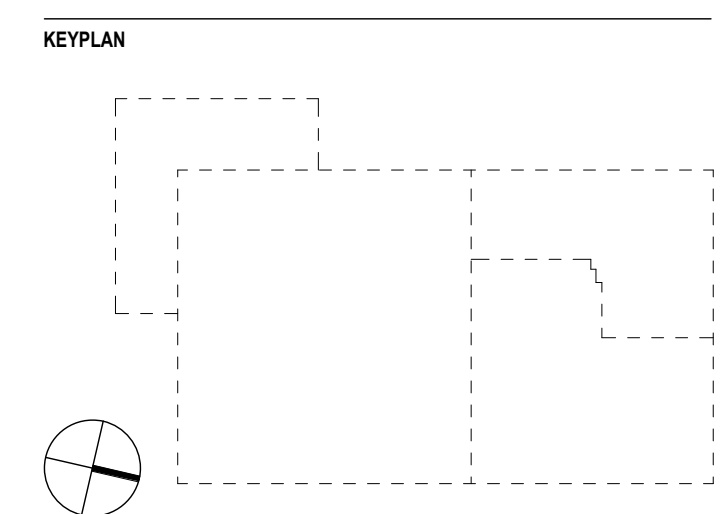


5 BICYCLE RACK
SCALE: 1/2" = 1'-0"

NOTES:
1. BICYCLE PARKING SPACE SHALL BE 6' LONG AND 2' WIDE.



2 BICYCLE RACK LAYOUT
SCALE: 1/2" = 1'-0"



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ABBREVIATION
Sds

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Author

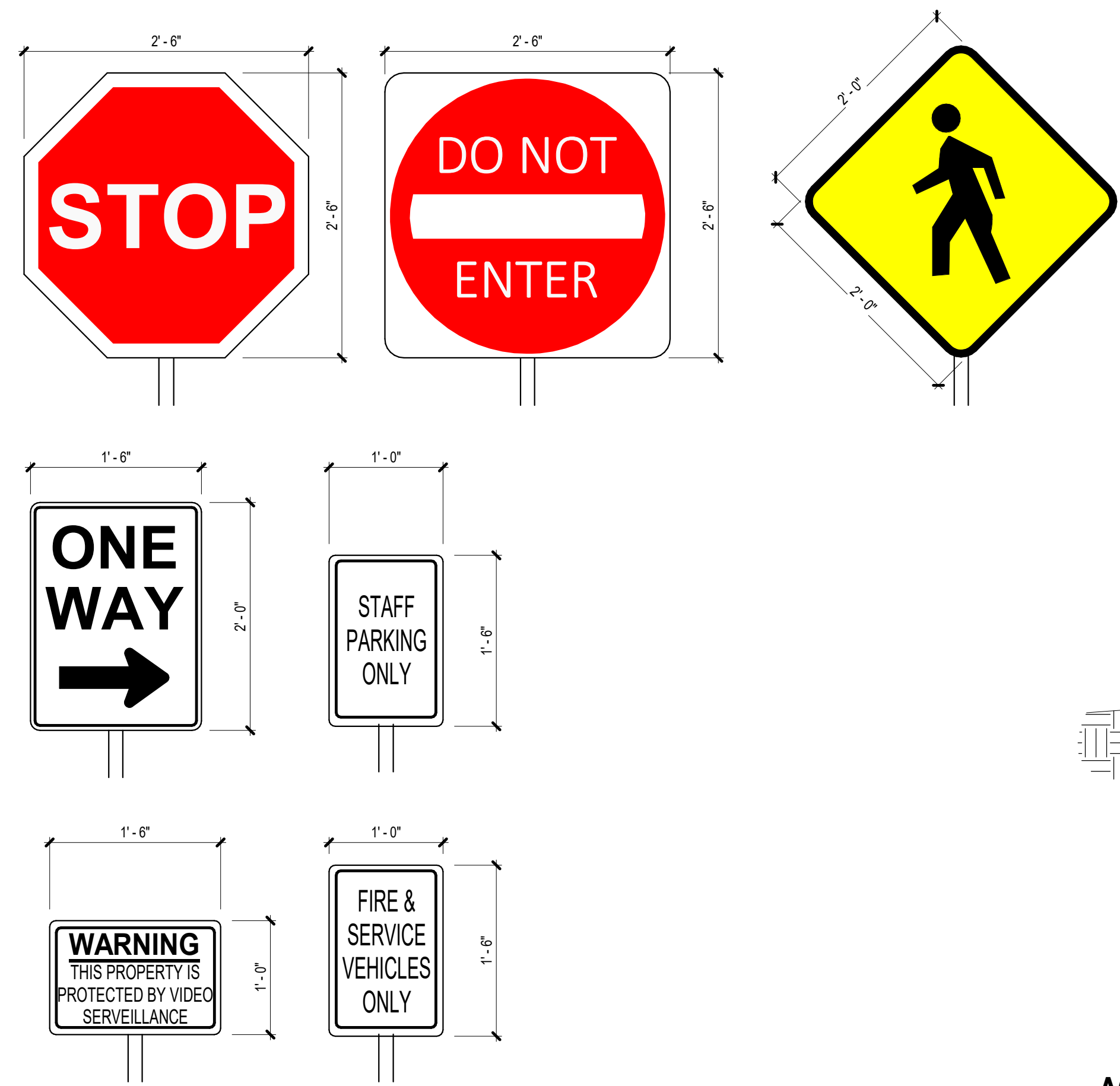
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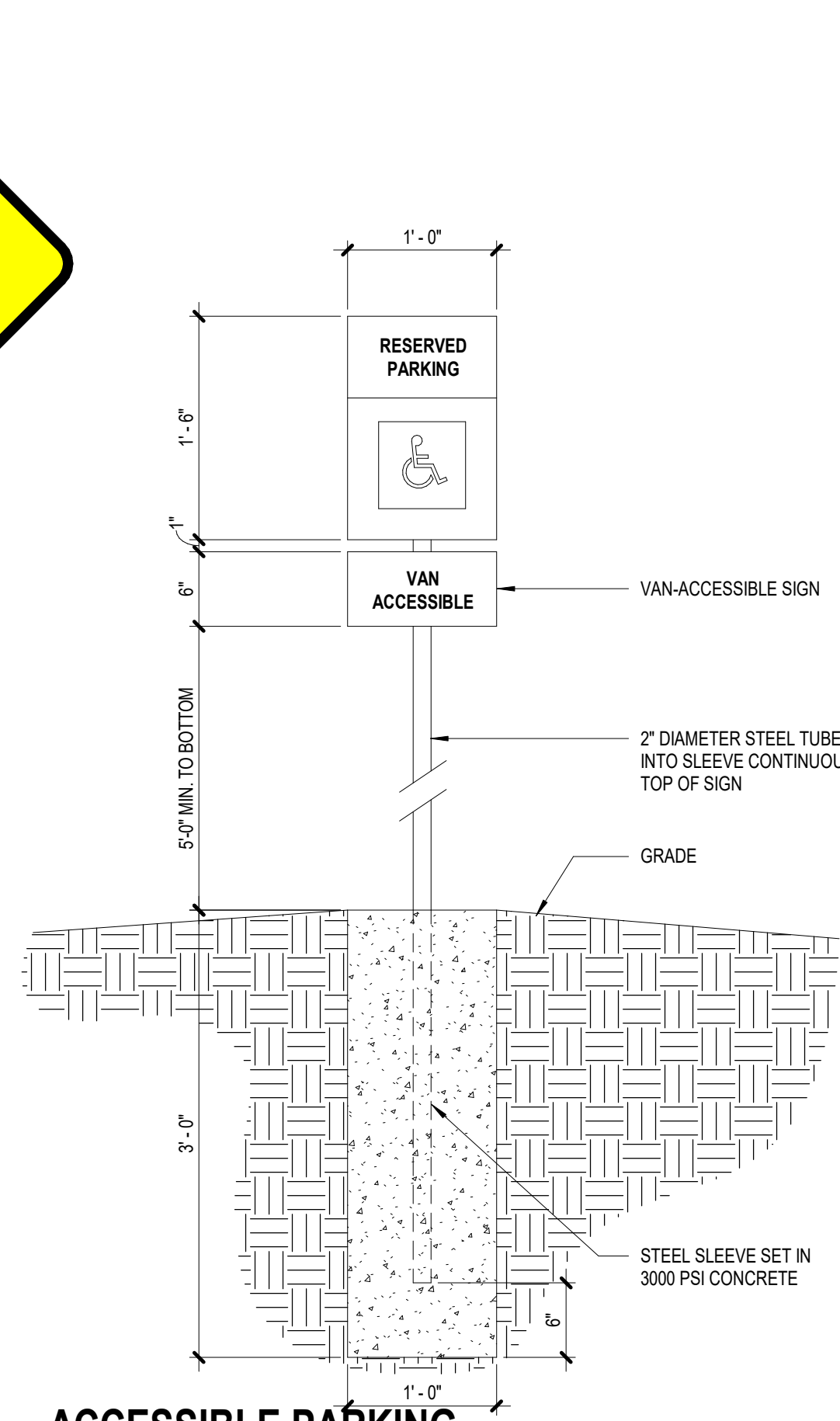
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SHEET NAME
ARCHITECTURAL - SITE DETAILS, ELEVATIONS, ETC

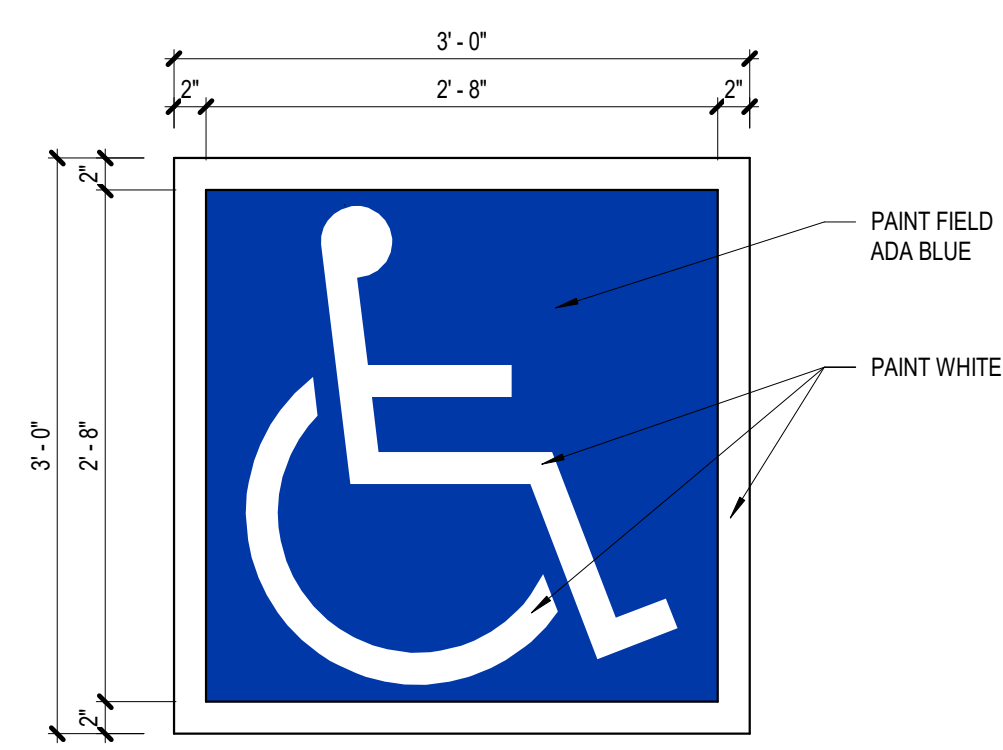
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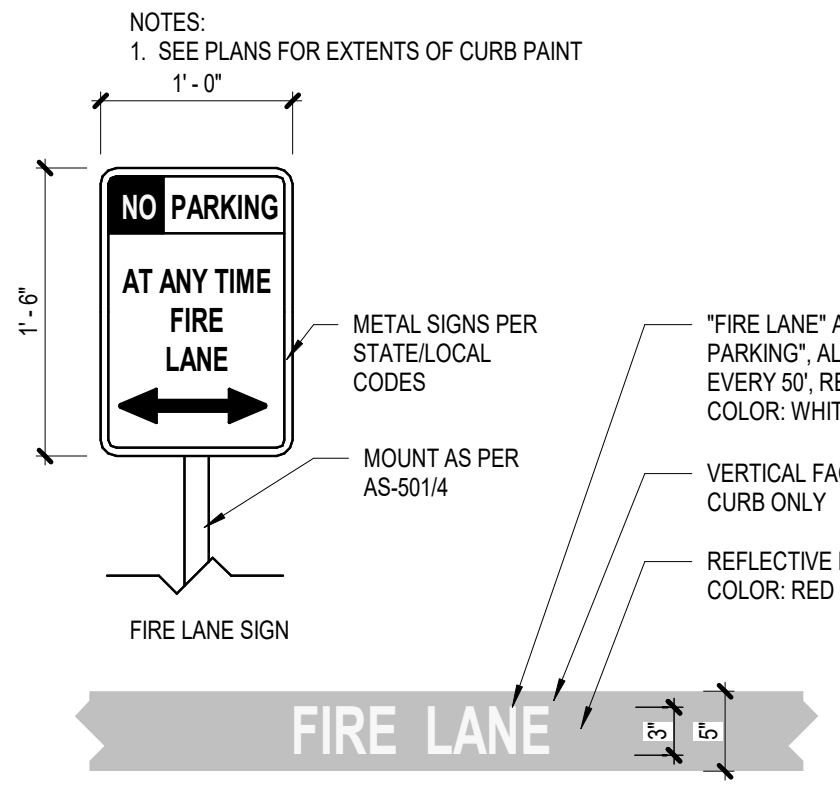
11 TRAFFIC SIGNAGE
SCALE: 1" = 1'-0"



10 ACCESSIBLE PARKING SIGN
SCALE: 1" = 1'-0"

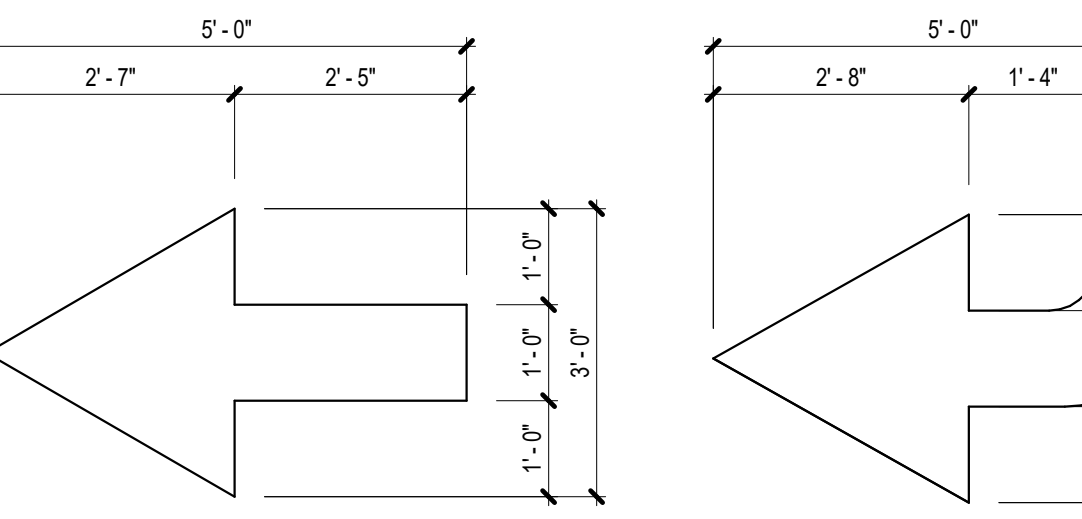


7 ACCESSIBLE MARKING
SCALE: 1" = 1'-0"

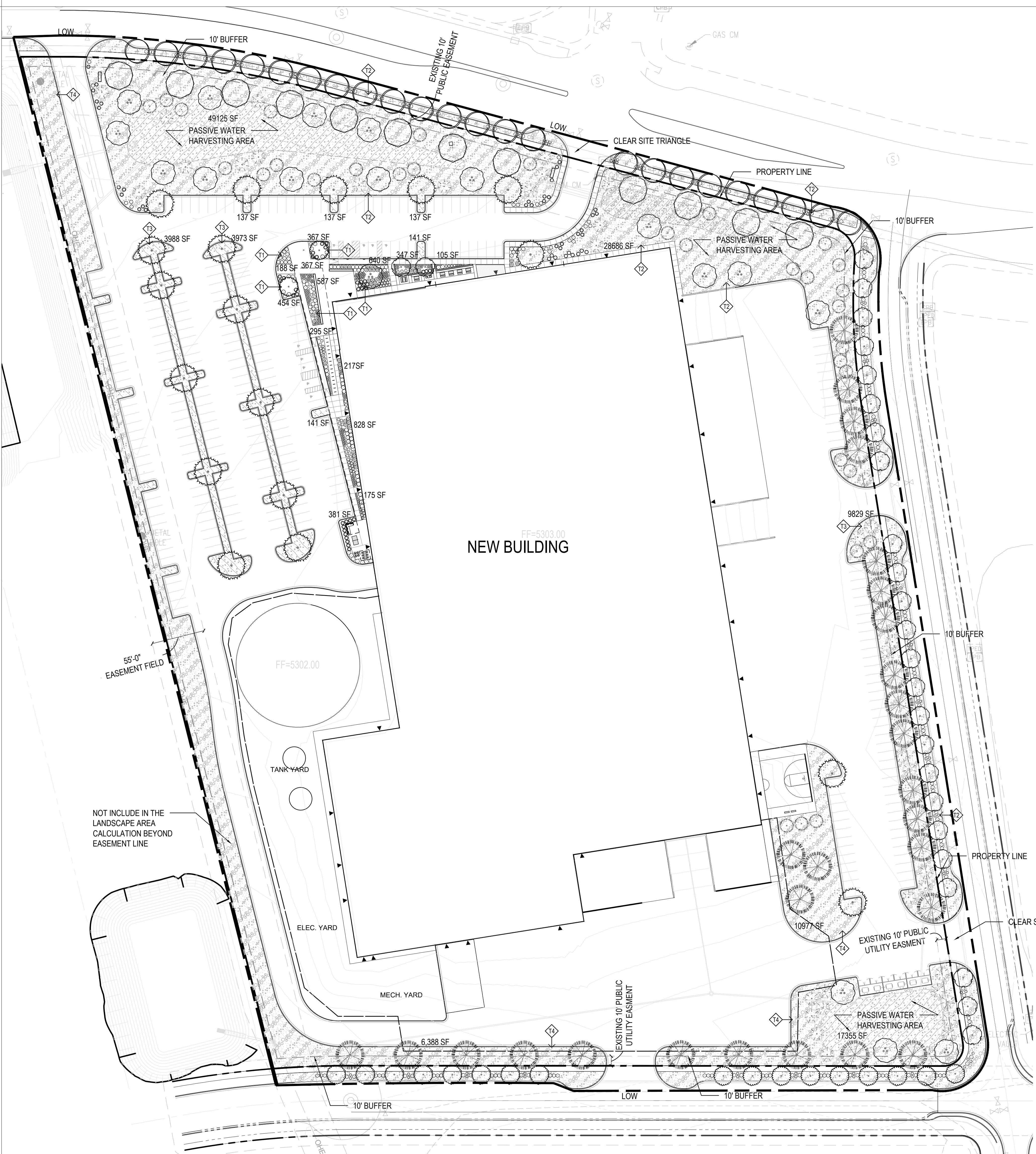


4 FIRE LANE SIGNAGE
SCALE: 1" = 1'-0"

NOTES:
1. PAINT ARROWS WHERE SHOWN ON PLANS. COLOR: WHITE.
2. WHERE CONDITION OCCURS IN RIGHT OF WAY, USE REFLECTIVE PAINT.



1 DIRECTIONAL PAVEMENT ARROW
SCALE: 1/2" = 1'-0"



LANDSCAPE AREA CALCS:

LOT AREA TOTAL: 17 ACRES = 740,520 SF
AREA OF LOT COVERED BY BUILDINGS = 242,000 SF
NET SITE AREA = 498,520 SF

EMPLOYMENT CENTER REQUIRED LANDSCAPE:
REQUIRED LANDSCAPE AREA (15% OF NET LOT AREA) = 74,778 SF
PROVIDED LANDSCAPE AREA = 134,852 SF = 27%

REQUIRED VEGETATIVE COVERAGE (CITY OF ALBUQUERQUE GUIDELINE):
REQUIRED COVERAGE = 75% OF PROVIDED LANDSCAPE AREA = 114,855 SF
REQUIRED GROUND-LEVEL PLANT COVERAGE = 25% OF TOTAL LANDSCAPE COVERAGE = 43,456 SF
PROVIDED GROUND-LEVEL PLANT COVERAGE = 12,103 SF
TREE CANOPY COVERAGE = 151,269 SF
PROVIDED TOTAL LANDSCAPE COVERAGE = 163,372 SF

STREETSCAPE: 70 STREET TREES AND 234 SHRUBS PROVIDED

UNDERSTORY LANDSCAPE COVERAGE (MESA DEL SOL GUIDELINE):
TYPE 1: ENTRANCES & COMMON AREAS = 85% COVERAGE PROVIDED
TYPE 2: FRONTAGE & PRIMARY FACADES = 60% COVERAGE PROVIDED
TYPE 3: SURFACE PARKING = 60% COVERAGE PROVIDED
TYPE 4: PERIMETER & LOADING AREAS = 60% COVERAGE PROVIDED

PLANT LIST

TREE

SYMBOL	SYMBOL	BOTANICAL NAME / COMMON NAME
	JUN SIN	JUNIPERUS MONOSPERMA / ONESEED JUNIPER
	PIN ELD	PINUS ELDARICA / AFGHAN PINE
	PIN ITA	PINUS PINEA / ITALIAN STONE PINE
	PRO MAV	PROSOPIS GLANDULOSA 'MAVERICK' / MAVERICK THORNLESS HONEY MESQUITE
	QUE FUS	QUERCUS FUSIFORMIS / TEXAS LIVE OAK
	ULM PAR	ULMUS PARVIFOLIA / LACEBARK ELM

STREET TREE

	CER TXA	CERCIS CANADENSIS TENXENSIS / TEXAS REDBUD
	GYM KEN	GYMNOCLADUS DIOICUS / KENTUCKY COFFEETREE
	PIS CHI	PISTACIA CHINENSIS / CHINESE PISTACHE

SHRUB

	ATR CAN	ATRIPEX CANESCENS / FOURWING SALT BUSH
	BAI MU2	BAILEYA MULTIRADIATA / DESERT MARIGOLD
	DAS TEX	DASYLIRION TEXANUM / TEXAS SOTOL
	DAS WHE	DASYLIRION WHEELERI / GREY DESERT SPOON
	EPI HUM	EPILOBIUM CANUM / CALIFORNIA FUCHSIA
	FES ELJ	FESTUCA GLAUCA 'ELIJAH BLUE' / ELIJAH BLUE FESCUE
	MUH DUB	MUHLENBERGIA DUBIA / PINE MURLY
	MUH RIG	MUHLENBERGIA RIGENS / DEER GRASS
	OPU ELL	OPUNTIA CACANAPA 'ELLISIANA' / SPINELESS PRICKLY PEAR
	PEN KRS	PENNISETUM ORIENTALE 'KARLEY ROSE' / KARLEY ROSE FOUNTAIN GRASS
	RHU GR2	RHUS AROMATICA 'GRO-LOW' / GRO-LOW FRAGRANT SUMAC
	YUC BRI	YUCCA FILAMENTOSA 'BRIGHT EDGE' / BRIGHT EDGE ADAM'S NEEDLE

STONE MULCH

	GRAVEL SMALL	SANTA FE BROWN CRUSHER FINE MULCH OVER FILTER FABRIC, 3" DEEP
	GRAVEL LARGE	2-4" SANTA FE BROWN, OVER FILTER FABRIC, 4" DEEP

PLANTING NOTES:

- FOR SPECIES AND SPACING, SEE PLANTING SCHEDULE
- MULCH ALL LANDSCAPE AREAS. SANTA FE BROWN CRUSHER FINE ROCK MULCH SHALL BE THE PRIMARY MULCH USED IN THE LANDSCAPE STRIPS BETWEEN STREET CURBS AND WALKS. THE MINIMUM ALLOWABLE MULCH DEPTH FOR ALL MULCHES IS 3", EXCEPT AT PLANT CENTERS WHERE THE MAXIMUM ALLOWABLE DEPTH IS 1".
- THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN IN THE DRAWINGS.
- CONTRACTOR SHALL REMOVE ALL HARD LUMPS OF CLAY, STONES OVER 1" IN DIAMETER, AND ALL CONSTRUCTION DEBRIS INCLUDING GRAVEL, ROOTS, LIMBS AND OTHER DELETERIOUS MATTER WHICH WOULD BE HARMFUL, OR PREVENT PROPER ESTABLISHMENT AND/OR MAINTENANCE OF LAWN AND PLANTING AREAS.
- ALL TREES SHALL CONFORM TO GUIDELINES ESTABLISHED BY "THE AMERICAN STANDARD FOR NURSERY STOCK" PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN (LATEST EDITION).
- NO TREES SHALL BE PLANTED BEFORE ACCEPTANCE OF ROUGH GRADING. TREES SHALL BEAR SAME RELATIONSHIP TO FINISHED GRADE AS TO ORIGINAL GRADE PRIOR TO DIGGING.
- ALL PLANTS SHALL BE BALLED IN BURLAP OR CONTAINER GROWN UNLESS OTHERWISE NOTED IN THE PLANTING SCHEDULE.
- ALL PLANTS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO THEIR ARRIVAL ON THE SITE.
- THE CONTRACTOR SHALL LOCATE AND VERIFY UTILITY LINE LOCATIONS PRIOR TO PLANTING AND REPORT ANY CONFLICTS TO THE LANDSCAPE ARCHITECT.
- THE LAYOUT OF PLANTS IN THE FIELD IS TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- MINIMUM PLANT SIZES: DECIDUOUS STREET TREES 2 1/2 CALIPER OR 40" BOX EVERGREEN TREES 6" IN HEIGHT AT INSTALLATION, SHRUBS - SLOW GROWING 5 GALLON, FAST GROWING MATURE SIZE 1-2 YEARS - 1 GALLON, GRASSES-1 GALLON, ACCENTS/ SUCCULENTS 1 GALLON, PERENNIALS-1 GALLON, VINES-1-GALLON.
- 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.
- AREA DISTURBED DURING CONSTRUCTION, INCLUDING AREA 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 ABCWA 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.

1 LANDSCAPE PLAN
Scale: 1"=50'-0"

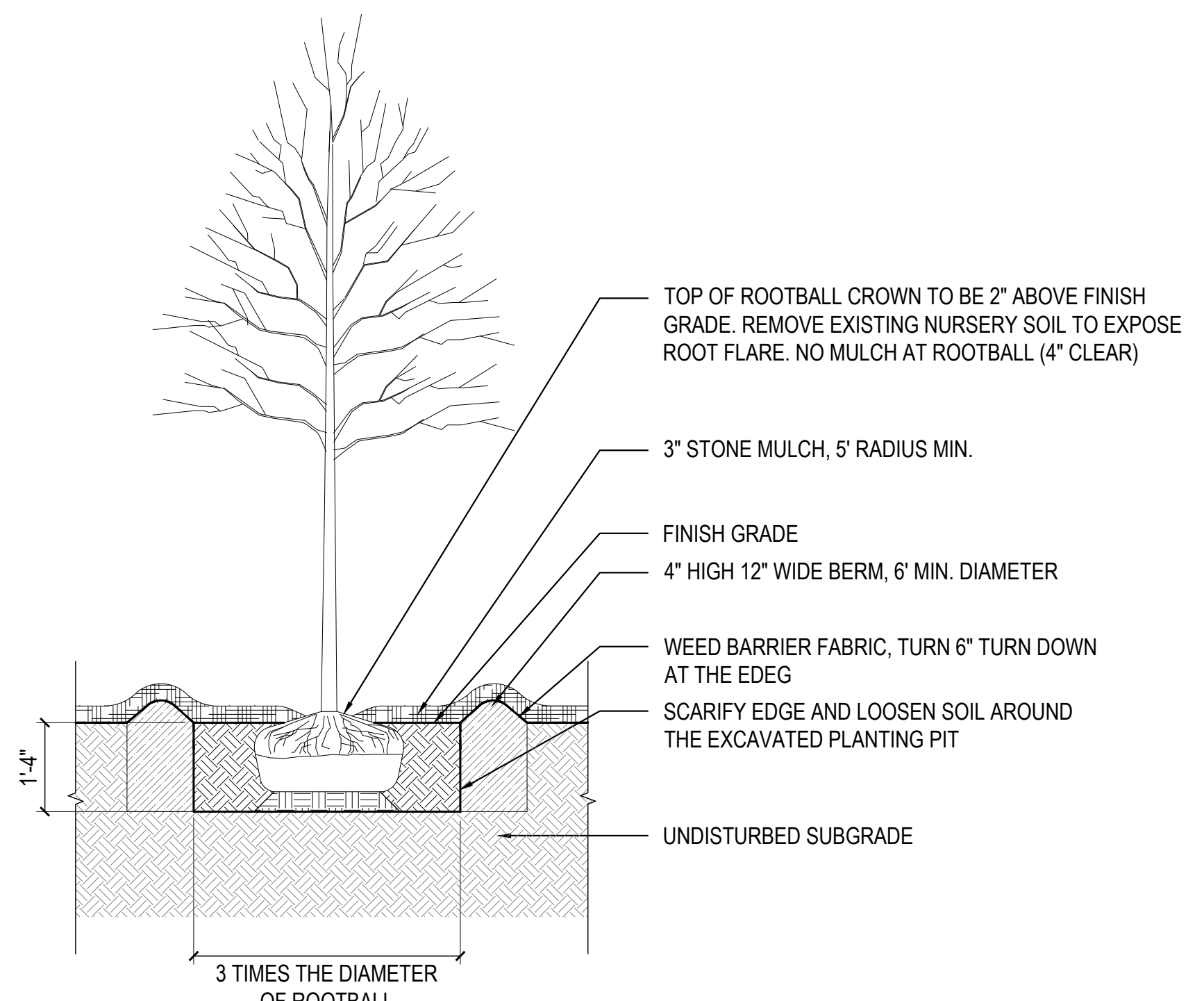
KEYS

	TYPE 1: ENTRANCE AND COMMON AREA
	TYPE 2: STREET FRONTAGE, PRIMARY BUILDING FACADE
	TYPE 3: SURFACE PARKING LOTS
	TYPE 4: PERIMETER AND LOADING AREAS

LEGEND

	LIMIT OF WORK
	PROPERTY LINE
	BUILDING ENTRANCE

2 TREE PLANTING DETAIL
Scale: 1/2" = 1'-0"



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Project Solis
Mesa Del Sol Innovative Park, Track J
Albuquerque, NM 87105

31022534 Sola
MM AH

DFT SUBMISSION
13 FEB 2026

LANDSCAPE PLAN

EXTERIOR GENERAL NOTES

1. PAINT WALL AND ROOF MOUNTED EQUIPMENT ITEMS THAT ARE NOT PREFINISHED TO MATCH COLOR OF ADJACENT SURFACE, UNLESS NOTED OTHERWISE.
2. SEE REFLECTED CEILING PLANS FOR EXTERIOR SOFFIT HEIGHTS.
3. MAKE CHANGES IN FINISH COLOR AT INSIDE CORNERS, UNLESS NOTED OTHERWISE.
4. STREET VIEW STUDIES HAVE BEEN COMPLETED FOR ROOFTOP EQUIPMENT. DUE TO HEIGHT OF BUILDING, ROOFTOP EQUIPMENT WILL NOT BE VISIBLE FROM THE STREET.

Stantec Architecture, Inc.
6501 Americas Parkway NE
Suite 700
Albuquerque, NM 87110
page@stahk.com
TEL 505.456.5584

ARCHITECTURE / ENGINEERING / INTERIORS / PLANNING / CONSULTING
Albany / Albuquerque / Atlanta / Austin / Boston / Charleston / Dallas / Denver / Dubai / Houston / Los Angeles / Mexico City / New York City / Orlando / Phoenix / Raleigh / Richmond / San Antonio / San Francisco / Tampa / Washington DC

CONSULTANT TEAM

- | | |
|---|---|
| ARCHITECT
Stantec Architecture, Inc.
6501 Americas Parkway NE
Suite 700
Albuquerque, NM 87110
505.456.5584 | MEP ENGINEERS
Meyers + Engineers
98 Battery Street
Suite 500
San Francisco, CA 94111
415.432.8102 |
| STRUCTURAL ENGINEERS
Thornton Tomasetti
235 Montgomery Street
Suite 1000
San Francisco, CA 94104
415.365.6902 | CIVIL ENGINEER
Bohannon Huston, Inc.
7500 Jefferson Street, NE
Albuquerque, NM 87109
505.823.1000 |
| LANDSCAPE ARCHITECTS
Stantec Architecture, Inc.
250 Montgomery Street
Suite 1400
San Francisco, CA 94104
415.882.9500 | LIFE SAFETY
Jenson Hughes, Inc.
10170 Church Ranch Way
Suite 200
Westminster, CO 80021
720.547.9749 |

KEYED NOTES

NUMBER	DESCRIPTION
1	SELF-ILLUMINATED BUILDING MOUNTED SIGNAGE IN ACCORDANCE WITH LEVEL B SIGNAGE STANDARDS FOR EMPLOYMENT CENTER PER IDO [10 14 34]
2	BUILDING ADDRESS IDENTIFICATION NUMBERS AS REQUIRED BY FIRE CODE OFFICIAL [10 14 20]
3	PREFABRICATED FIXED LADDER WITH PARAPET PLATFORM, ROOF SIDE RETURN AND FALL ARREST SYSTEM [05 51 33.20]
4	ALUM-FRAMED ENTR AND STFR-1 [08 41 13.14.U02]
5	PRIMARY AND OVERFLOW SCUPPER AND DOWNSPOUT ASSEMBLY [22 14 26.13.A31]
6	MTL STAIR-MTL FLOOR PLATE [05 51 00.A01]
7	BUILDING MOUNTED LIGHT FIXTURE [26 56 69]
8	EXT SUN CTRL DEVICE-SCREEN [10 71 13.04]

TECHSECURITYFLOW VOLTAGE
HMA Consulting
5010 Wright Road
Suite 150
Shirley, TX 77477
832.944.6020

WIND ENGINEERING
CPP Wind Engineering Cnsl.
7365 Greenleaf Rd.
Wester, CO 80500
970.221.3371

EMIEWF ENGINEER
ETS-Lindgren
Lewis, DE 19958
603.912.1030

REVISION HISTORY

REVISION	DESCRIPTION	DATE
A	DFT SUBMISSION	13 FEB 2026

PROFESSIONAL SEALS

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CLIENT

PROJECT

Project Solis
Mesa Del Sol Innovation Park II, Tract J
Albuquerque, NM 87105

PROJECT NUMBER
31CM2534_40040103

ABBREVIATION
Solis

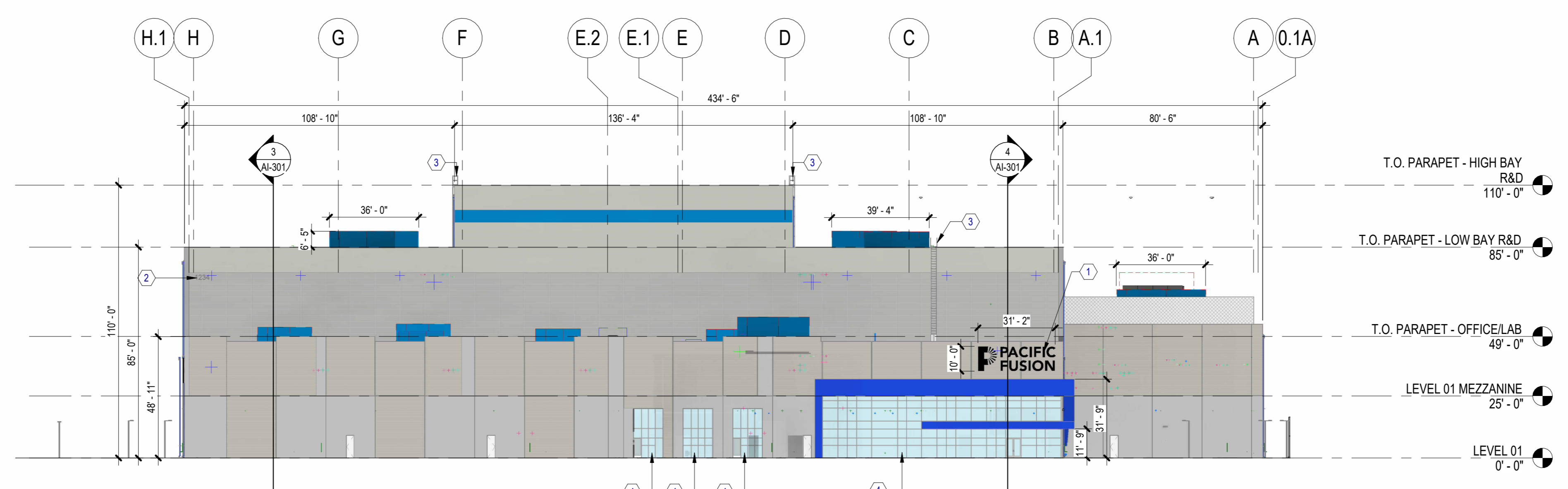
DRAWN BY
JET

CHECKED BY
Checker

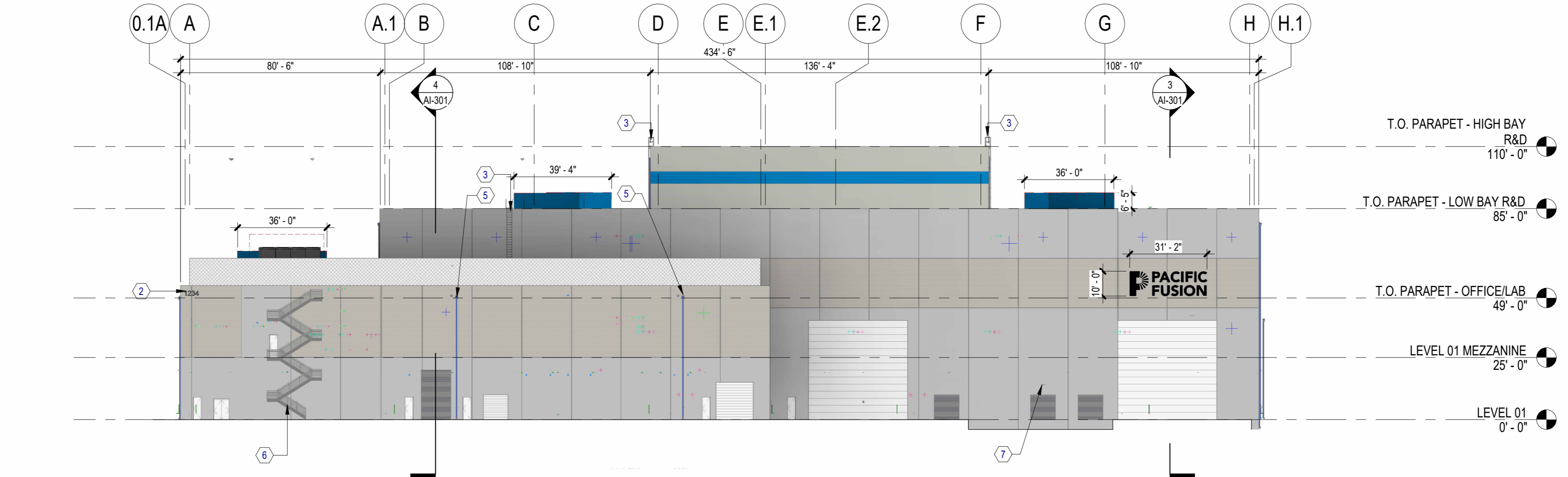
ORIGINAL ISSUE
50% DD
13 FEB 2026

SHEET NAME
ARCHITECTURAL - EXTERIOR ELEVATIONS

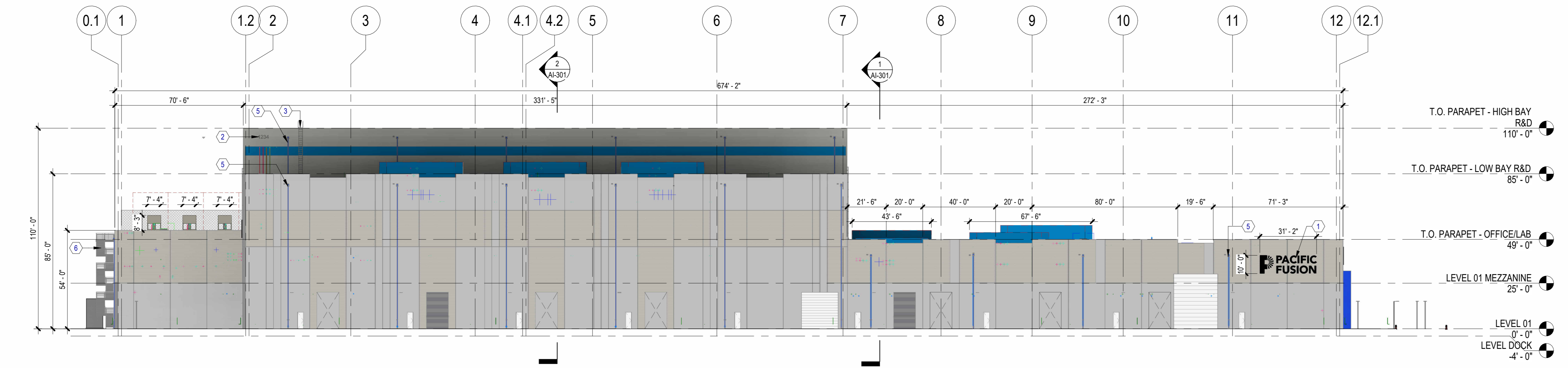
SHEET NUMBER
A-201



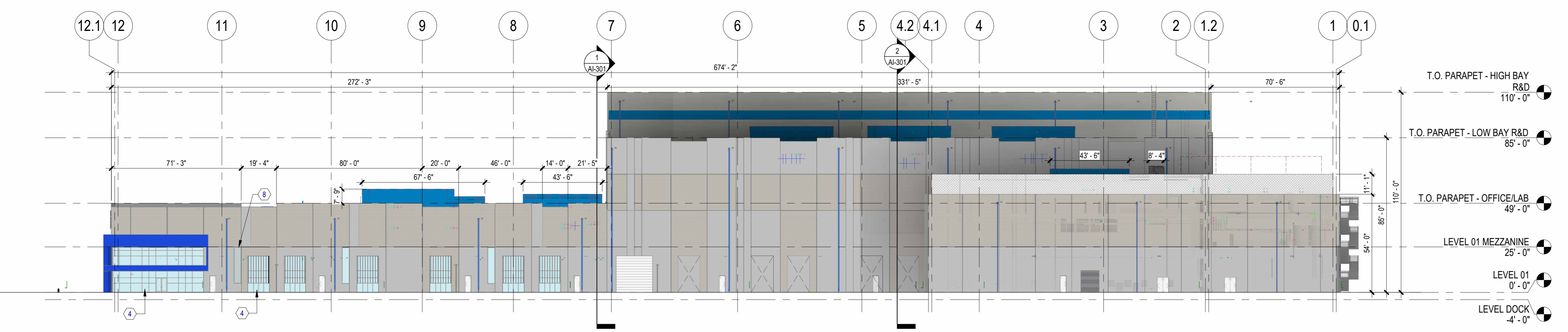
1 NORTH ELEVATION
SCALE: 1/32" = 1'-0"



2 SOUTH ELEVATION
SCALE: 1/32" = 1'-0"



3 EAST ELEVATION
SCALE: 1/32" = 1'-0"



4 WEST ELEVATION
SCALE: 1/32" = 1'-0"

EXTERIOR ELEVATION LEGEND

SYMBOL	DESCRIPTION
	INTEGRALLY COLORED CONCRETE TILT UP [03 45 16]
	INTEGRALLY COLORED CONCRETE TILT UP WITH RANDOM RIBBED REVEAL [03 45 16]
	EXTERIOR STOREFRONT ASSEMBLY
	INSULATED METAL PANELS (FIELD COLOR #1) SUPPORTED BY LIGHT GAUGE FRAMING BETWEEN STRUCTURAL STEEL FRAME MEMBERS [07 42 13]
	INSULATED METAL PANELS (ACCENT COLOR #1) SUPPORTED BY LIGHT GAUGE FRAMING BETWEEN STRUCTURAL STEEL FRAME MEMBERS [07 42 13]
	INSULATED METAL PANELS (ACCENT COLOR #2) SUPPORTED BY LIGHT GAUGE FRAMING BETWEEN STRUCTURAL STEEL FRAME MEMBERS [07 42 13]
	ROUND GALVANIZED STEEL 22 GAUGE STAGGERED ROUND CENTERS MECHANICAL SCREENING WALL

FILE PATH: A:\external\Drawings\026004 - Project Solis\026004-AR02-CENTRAL.rvt
USER NAME: jpeterson
DATE TIME: 2/13/2026 7:56:54 PM

GRADING KEYED NOTES

1. INSTALL HDPE STORM DRAIN PIPE. SEE PLAN FOR SIZE & SLOPE.
2. CONSTRUCT CONCRETE RUNDOWN WITH RIPRAP PAD AT OUTFALL LOCATION.
3. CONSTRUCT TYPE "C" STORM DRAIN MANHOLE PER COA STD DWG 2101.
4. CONSTRUCT TYPE D DOUBLE INLET.
5. CONSTRUCT TYPE A, DOUBLE WING INLET.
6. CONSTRUCT A CURB CUT.

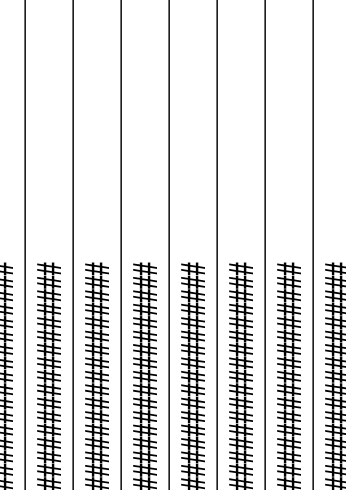
NOTE

VICINITY MAP AND FIRMette MAP ARE LOCATED ON THE DRAINAGE MANAGEMENT PLAN

LEGEND

- 62.22 PROPOSED SPOT ELEVATION
- TA=TOP OF ASPHALT
- TC=TOP OF CURB
- FL=FLOW LINE
- TC=TOP OF CONCRETE
- TS=TOP OF SIDEWALK
- TG=TOP OF GRATE
- FG=FINISHED GRADE
- 4960 EXISTING INDEX CONTOUR
- 4959 EXISTING INTERMEDIATE CONTOUR
- 4960 PROPOSED INDEX CONTOUR
- 4959 PROPOSED INTERMEDIATE CONTOUR
- DIRECTION OF FLOW
- WATER BLOCK / GRADE BREAK
- PROPERTY LINE

BENCH MARKS



ENGINEER'S SEAL



AS-BUILT INFORMATION

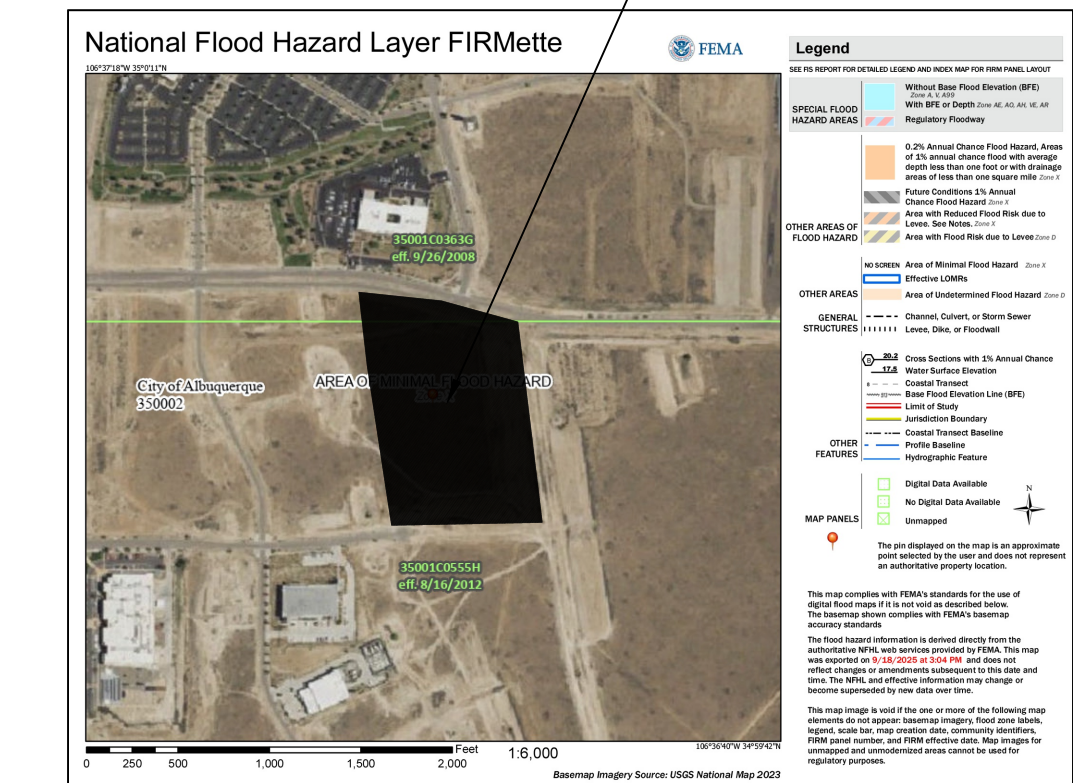
BY	CONTRACTOR	DATE	WORK	DATE	STAMPED BY	DATE	INSPECTOR	DATE	ACCEPTANCE BY	DATE	FIELD	DATE	VERIFICATION BY	DATE	DRAWINGS	DATE	CORRECTED BY	DATE

REVISIONS

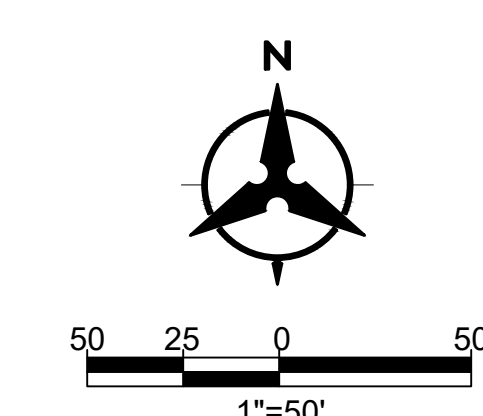
NO.	DATE	DESCRIPTION

DESIGN

DESIGNED BY	CHECKED BY	DRAWN BY
JN	JL	JN

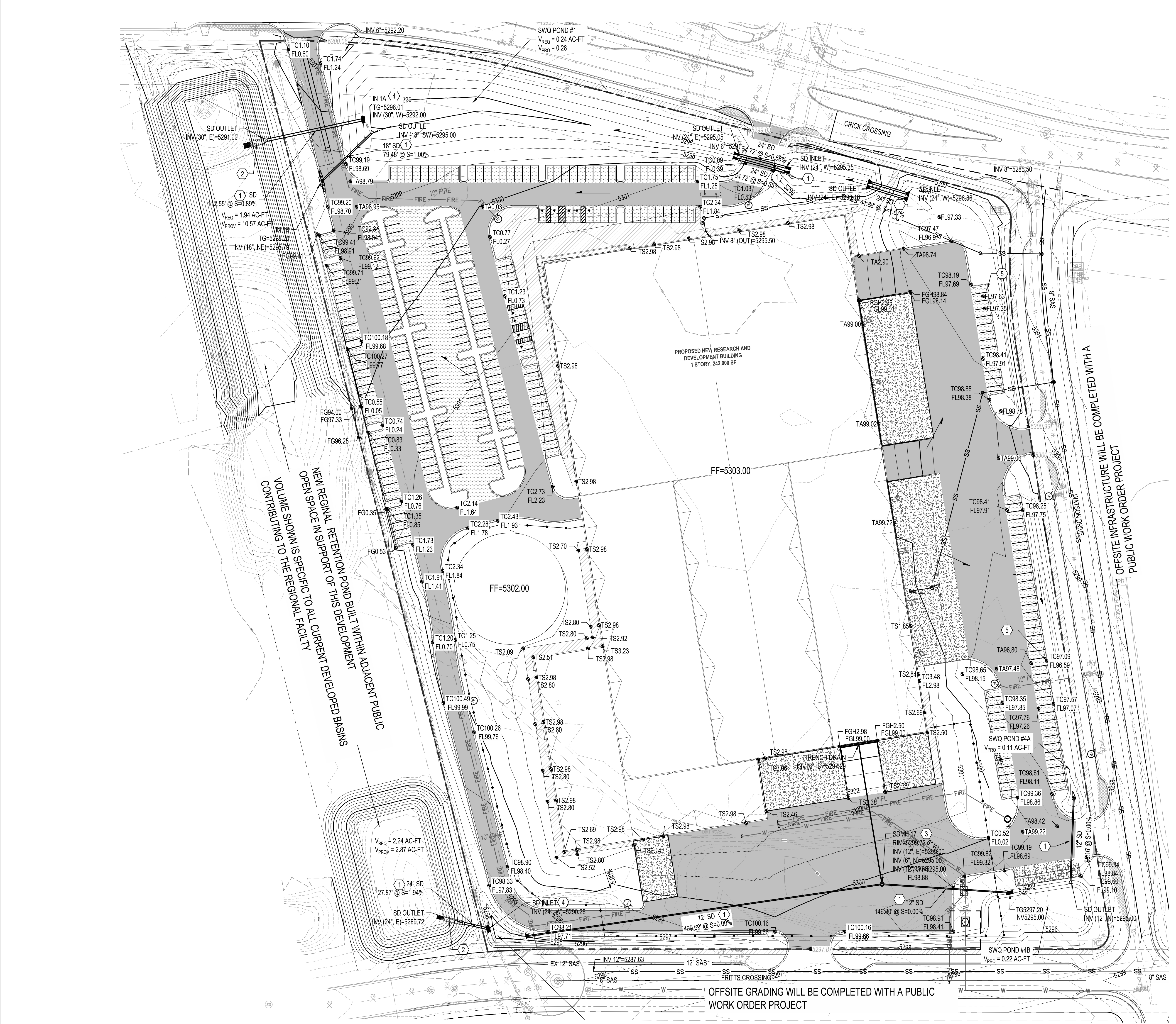


FEMA FIRMETTE MAP N.T.S.

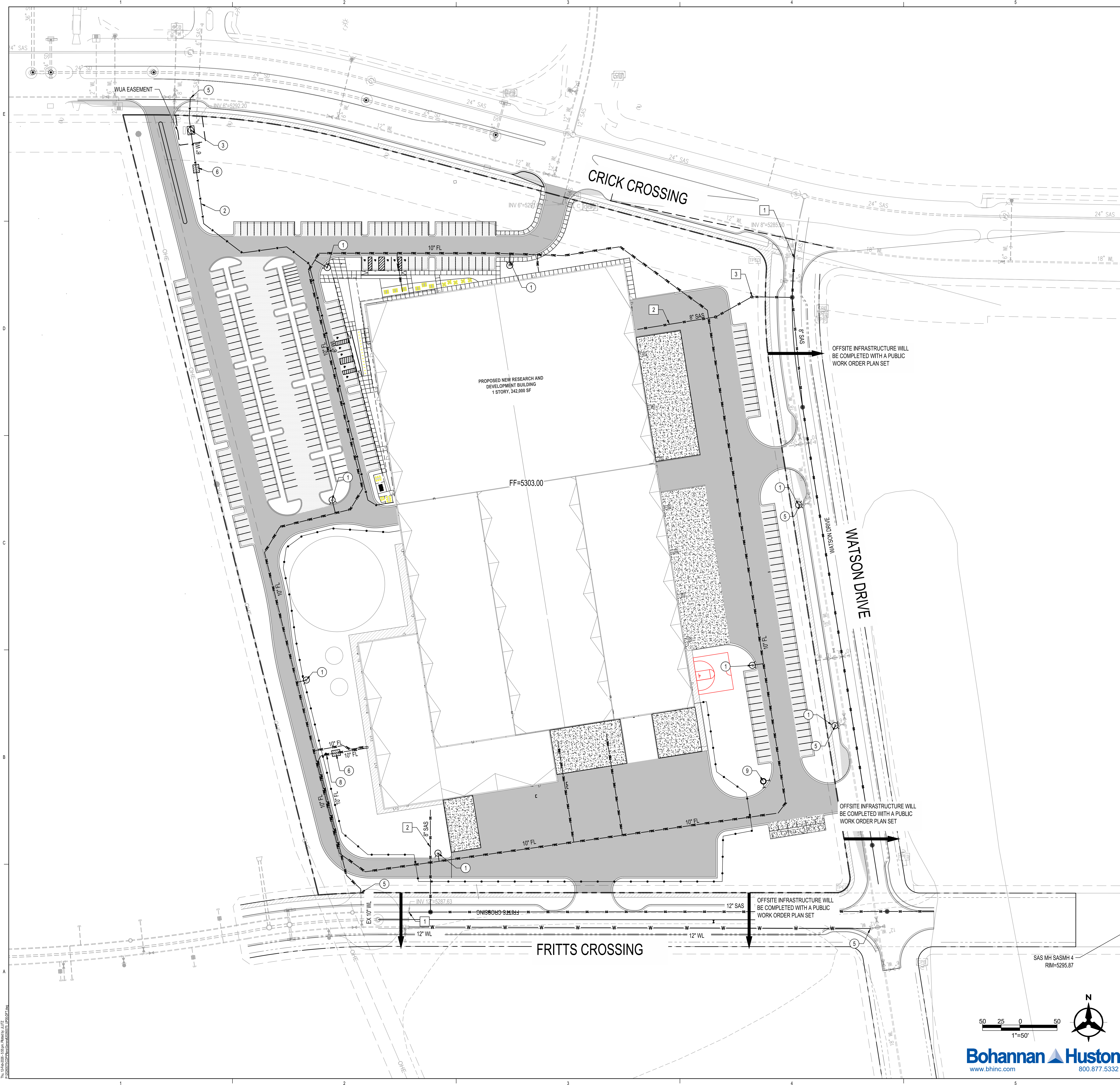


Bohannon & Huston
www.bhinc.com 800.877.5332

GRADING PLAN



Tue, 26-Jan-2026 4:09 pm. Plotted by: JNEAL P:\20260075\CDP\Plans\General\20260075_GPO.dwg



WATER & FIRE KEYED NOTES

1. INSTALL FIRE HYDRANT PER COA STANDARD DRAWING 2340.
2. INSTALL WATERLINE, SIZE PER PLAN.
3. INSTALL WATER METER BOX WITH 6" METER.
4. CONNECT PROPOSED FIRE LINE TO EXISTING FIRE LINE EXTENSION TO SERVE PROPOSED ON-SITE FIRE HYDRANT.
5. CONNECT TO EXISTING WATERLINE. CONTRACTOR TO FIELD VERIFY SIZE, LOCATION, AND DEPTH OF EXISTING UTILITY PRIOR TO ORDERING MATERIALS AND CONTACT ENGINEER IMMEDIATELY IF THERE ARE ANY DISCREPANCIES.
6. INSTALL BACK FLOW PREVENTER WITH HOT BOX. INCLUDE TAMPER SWITCH TO BE TIED INTO ALARM SYSTEM.
7. INSTALL TEE MJ WITH RESTRAINT JOINTS, SIZE PER PLAN.
8. INSTALL PROPOSED POST INDICATOR VALVE
9. INSTALL PROPOSED FIRE DEPARTMENT CONNECTION

SANITARY SEWER KEYED NOTES

1. CONNECT TO EXISTING SANITARY SEWER STUB, SIZE PER PLAN.
2. INSTALL NEW SANITARY SEWER LINE, SIZE PER PLAN.
3. INSTALL NEW CLEANOUT.

NOTE
ALL CONNECTIONS TO PUBLIC FIRE, DOMESTIC, AND SEWER TO BE CONSTRUCTED BY A PUBLIC WORK ORDER.

NOTE
COORDINATION WITH 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

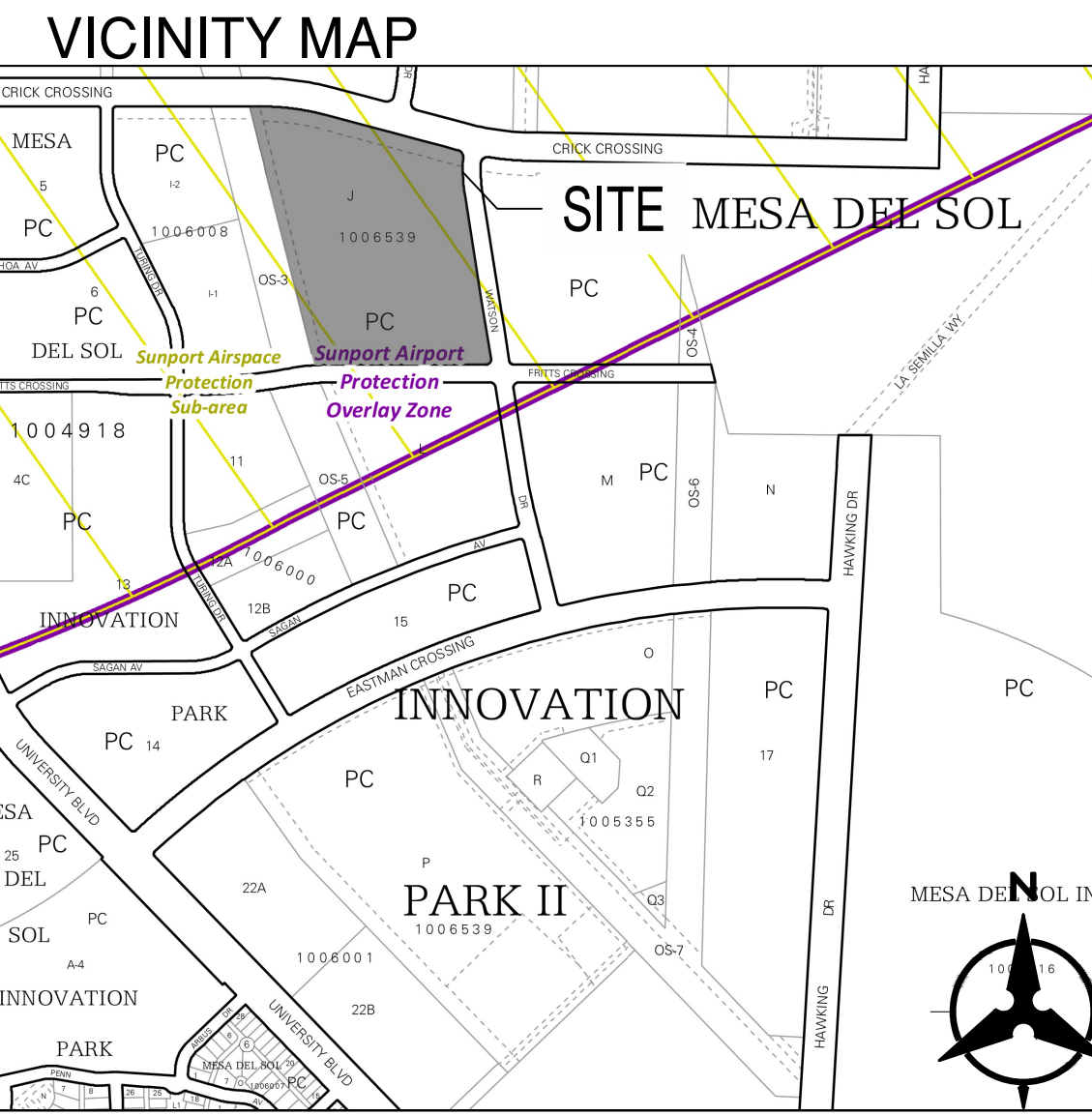
NOTE
COORDINATION WITH WATER AUTHORITY CROSS CONNECTION SECTION WILL BE REQUIRED TO ENSURE PROPER BACKFLOW CONTAINMENT IS IN PLACE PRIOR TO RELEASE OF METER. CONTACT THE CROSS CONNECTION SECTION AT 505-289-3454.

NOTE
ALL INFRASTRUCTURE IN PUBLIC R/W, OR WATER AUTHORITY EASEMENT, WILL BE PUBLIC, AND ALL LINES WITHIN THE PRIVATE TRACT WILL BE PRIVATE.



LEGEND

- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- CW- CW- EXISTING CHILLED WATER LINE
- E- E- EXISTING UNDERGROUND ELECTRICAL LINE
- C- C- EXISTING COMMUNICATION LINE
- G- G- EXISTING UNDERGROUND GAS LINE
- SD- SD- PROPOSED STORM DRAIN LINE
- SS- SS- PROPOSED SANITARY SEWER LINE
- W- W- PROPOSED WATER LINE
- F- F- PROPOSED FIRE LINE
- NG- NG- PROPOSED NATURAL GAS LINE
- FS- FS- FUTURE SANITARY SEWER LINE
- FW- FW- FUTURE WATER LINE
- FF- FF- FUTURE FIRE LINE
- DRY UTILITY CORRIDOR, SEE ELECTRICAL AND COMMUNICATIONS PLANS
- ⊙ EXISTING SANITARY SEWER MANHOLE
- ⊙ EXISTING FIRE HYDRANT
- ⊙ PROPOSED SANITARY SEWER MANHOLE
- ⊙ PROPOSED SANITARY SEWER CLEANOUT
- ⊙ PROPOSED HYDRANT
- ⊙ PROPOSED FIRE DEPARTMENT CONNECTION (FDC)
- ▶ PROPOSED REDUCER



Scale: 1"=50'

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CONSULTANT TEAM

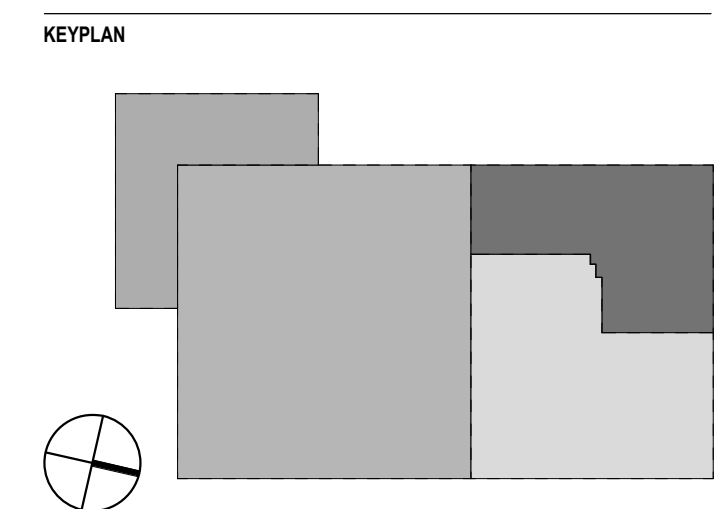
ARCHITECT
 Stantec Architecture, Inc.
 6501 Americas Parkway NE
 Suite 100
 Albuquerque, NM 87110
 505.456.5584

MEP ENGINEERS
 Meyers + Engineers
 98 Battery Street
 Suite 500
 San Francisco, CA 94111
 415.432.8102

STRUCTURAL ENGINEERS
 Thornton Tomasetti
 235 Montgomery Street
 Suite 1000
 San Francisco, CA 94104
 415.365.8902

CIVIL ENGINEER
 Bohannon Huston, Inc.
 7500 Jefferson Street, NE
 Albuquerque, NM 87109
 505.823.1000

LANDSCAPE ARCHITECTS
 Stantec Architecture, Inc.
 250 Montgomery Street
 Suite 1400
 San Francisco, CA 94104
 415.882.9500



REVISION HISTORY

REVISION	DESCRIPTION	DATE
A	DFT SUBMISSION	13 FEB 2026

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CLIENT

PROJECT
Project Solis
 Mesa Del Sol Innovation Park II, Tract J
 Albuquerque, NM 87105

PROJECT NUMBER: 25.10040.000
 ABBREVIATION: Solis
 DRAWN BY: AYZ,BC
 CHECKED BY: SMS
 ORIGINAL ISSUE

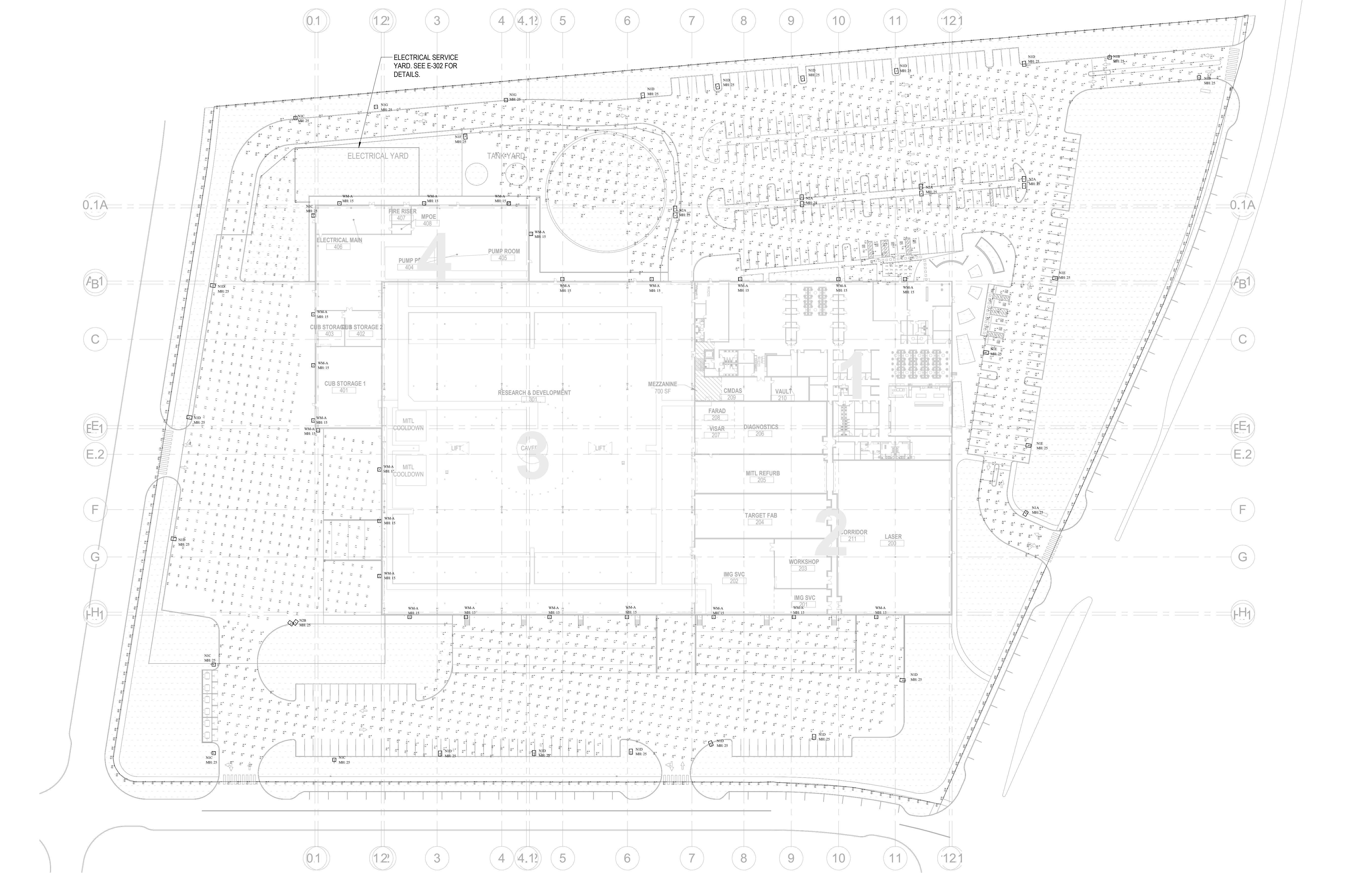
SHEET NAME
 ELECTRICAL PHOTOMETRICS SITE
 PLAN

SHEET NUMBER

E6.1

GENERAL NOTES

NUMBERED NOTES



1 SITE PLAN
 1" = 50'-0"

Symbol	Qty	Label	Description	LLF	Luminaire Watts
☐	1	N1A	NV-1-T4FTW-16L-1-40K7-HSS-SINGLE @ 25'	0.900	56
☐	2	N1B	NV-1-T3-32L-7-40K7-HSS-SINGLE @ 25'	0.900	71
☐	5	N1C	NV-1-T4FTW-32L-1-40K7-HSS-SINGLE @ 25'	0.900	106
☐	14	N1D	NV-1-T4FTW-48L-1-40K7-HSS-SINGLE @ 25'	0.900	156
☐	3	N1E	NV-1-T4FTW-48L-1-40K7-SINGLE @ 25'	0.900	156
☐	1	N1F	NV-1-T5W 32L-7-40K7-SINGLE @ 25'	0.900	71
☐	2	N1G	NV-1-T3-32L-1-40K7-HSS-SINGLE @ 25'	0.900	106
☐	4	N2A	NV-1-T5W 32L-1-40K7-SINGLE @ 25'	0.900	106
☐	1	N2B	NV-1-T4FTW-48L-1-40K7-D90 @ 25'	0.900	156
☐	23	WM-A	NV-W-T4FTW-32L-53-40K7-WM @ 15'	0.900	54

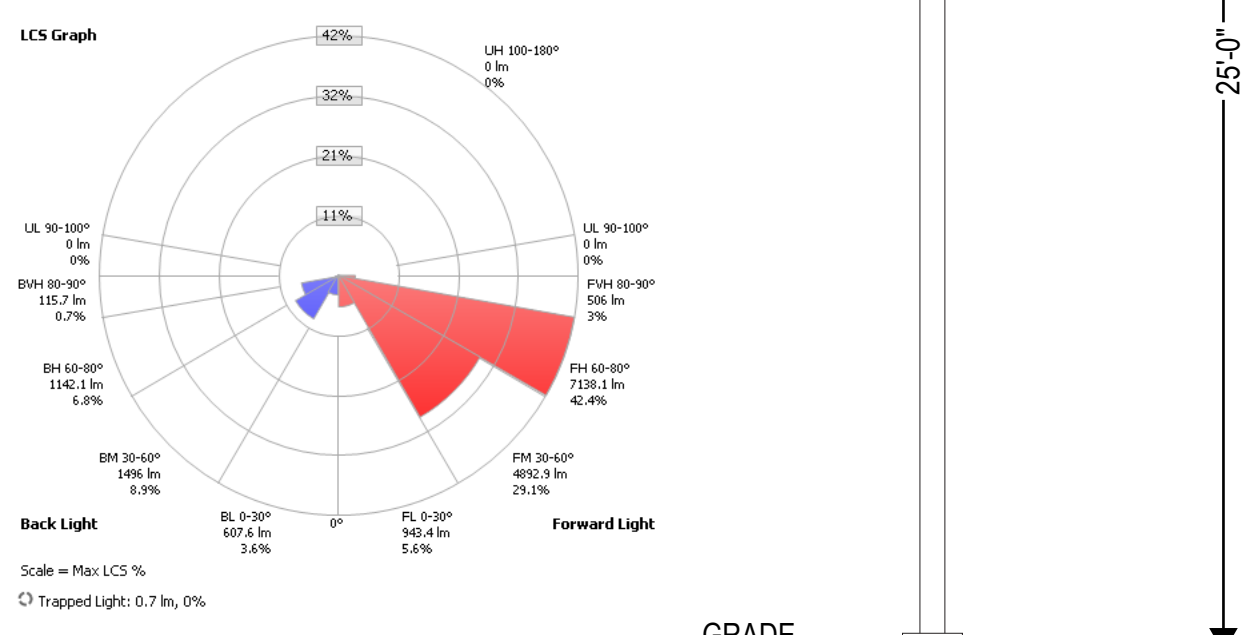
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
East Parking Lot	Fc	1.05	3.5	0.3	3.50	11.67
loading dock area	Fc	1.20	4.5	0.2	6.00	22.50
property line horizontal	Fc	0.05	0.3	0.0	N.A.	N.A.
West Parking Lot	Fc	1.39	3.7	0.3	4.63	12.33

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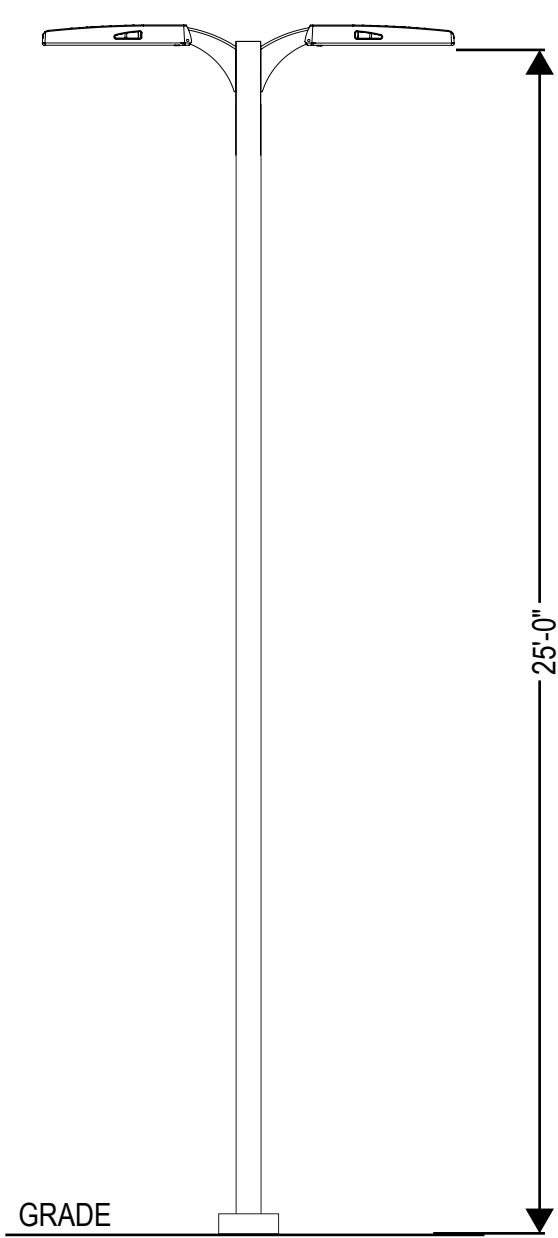
Manufacturer: NLS LIGHTING
Test #: 8022939-111
Test Lab: CSA GROUP
Catalog: NV-174FTW-4BL-1-40K7
Description: OUTDOOR AREA LIGHT
Lamp Output: Total Luminaire Lumens: 16942.6, absolute photometry *
Ballast / Driver: X1180C125V2008SF2
Input Voltage: 156
Luminous Opening: Rectangle (L: 9.48", W: 11.84")
Max Cd: 11,413.0 at Horizontal: 33°, Vertical: 72.5°
Roadway Class: SHORT, TYPE IV

LCS Table

BUG Rating	Lumens	Lumens %
Forward Light		
Low(0-30)	943.4	5.6%
Medium(30-60)	4,802.9	29.1%
High(60-90)	7,138.1	42.4%
Very High(90-90)	506.0	3%
Back Light		
Low(0-30)	607.6	3.6%
Medium(30-60)	1,496.0	8.8%
High(60-90)	1,142.1	6.8%
Very High(90-90)	115.7	0.7%
Uplight		
Low(90-100)	0.000	0%
High(100-180)	0.000	0%
Trapped Light:	0.7	0%



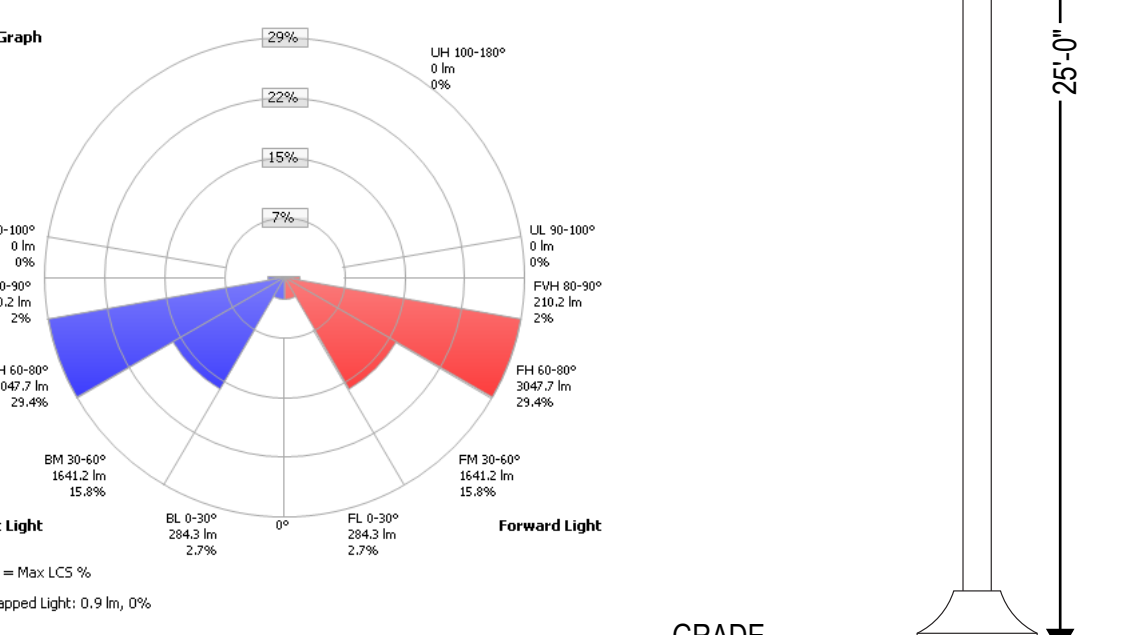
2 N2B LIGHT FIXTURE DETAILS
SCALE: NTS



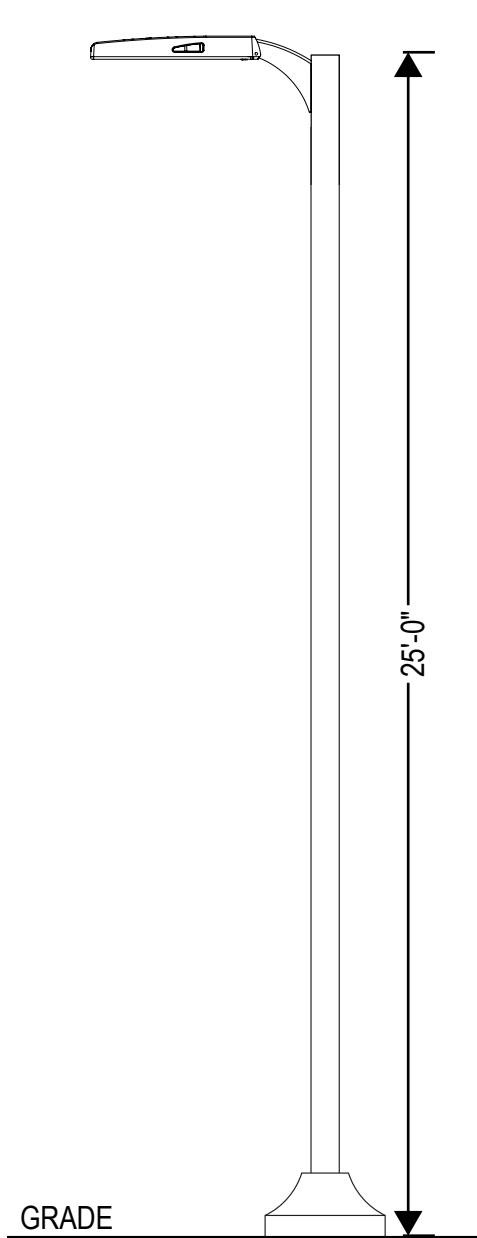
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Test #: 8022939-26
Test Lab: CSA GROUP
Catalog: NV-175W-32L-7-40K7
Description: OUTDOOR AREA LIGHT
Lamp Output: Total Luminaire Lumens: 10367.7, absolute photometry *
Ballast / Driver: X1150C105V140CF1
Input Voltage: 72
Luminous Opening: Rectangle (L: 8.52", W: 9.96")
Max Cd: 5,216.7 at Horizontal: 50°, Vertical: 72.5°
Roadway Class: Type VS

LCS Table

BUG Rating	Lumens	Lumens %
Forward Light		
Low(0-30)	284.3	2.7%
Medium(30-60)	1,641.2	15.8%
High(60-90)	3,047.7	29.4%
Very High(90-90)	210.2	2%
Back Light		
Low(0-30)	284.3	2.7%
Medium(30-60)	1,641.2	15.8%
High(60-90)	3,047.7	29.4%
Very High(90-90)	210.2	2%
Uplight		
Low(90-100)	0.000	0%
High(100-180)	0.000	0%
Trapped Light:	0.9	0%



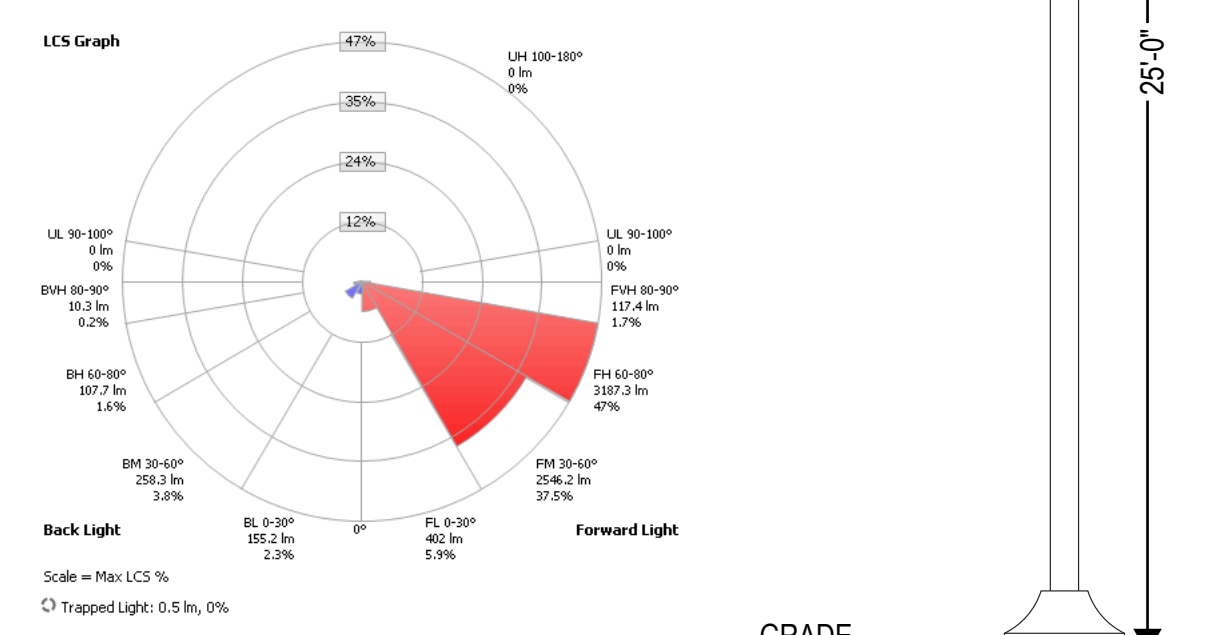
6 N1F LIGHT FIXTURE DETAILS
SCALE: NTS



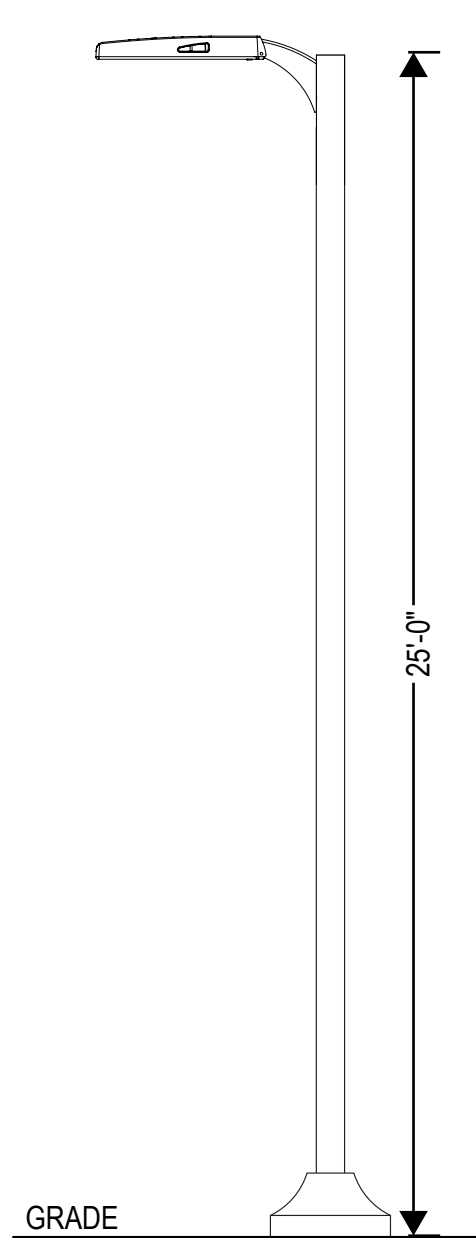
Manufacturer: NLS LIGHTING
Test #: 8022939-150
Test Lab: CSA GROUP
Catalog: NV-174FTW-32L-1-40K7-HSS
Description: OUTDOOR AREA LIGHT
Lamp Output: Total Luminaire Lumens: 6794.9, absolute photometry *
Ballast / Driver: 106
Input Voltage: 106
Luminous Opening: Rectangle (L: 9.48", W: 10.87")
Max Cd: 6,013.7 at Horizontal: 40°, Vertical: 70°
Roadway Class: SHORT, TYPE IV

LCS Table

BUG Rating	Lumens	Lumens %
Forward Light		
Low(0-30)	462.0	5.9%
Medium(30-60)	2,566.2	37.5%
High(60-90)	3,187.3	47%
Very High(90-90)	117.4	1.7%
Back Light		
Low(0-30)	155.2	2.3%
Medium(30-60)	238.3	3.5%
High(60-90)	187.7	2.8%
Very High(90-90)	10.3	0.2%
Uplight		
Low(90-100)	0.000	0%
High(100-180)	0.000	0%
Trapped Light:	0.5	0%



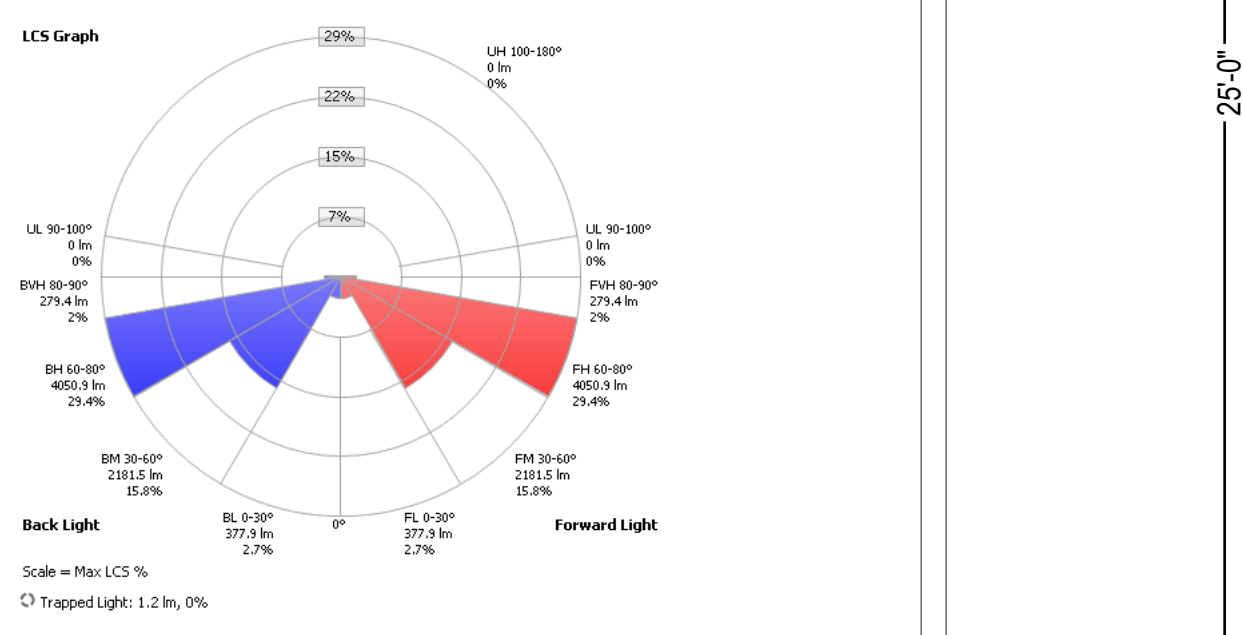
3 N1C LIGHT FIXTURE DETAILS
SCALE: NTS



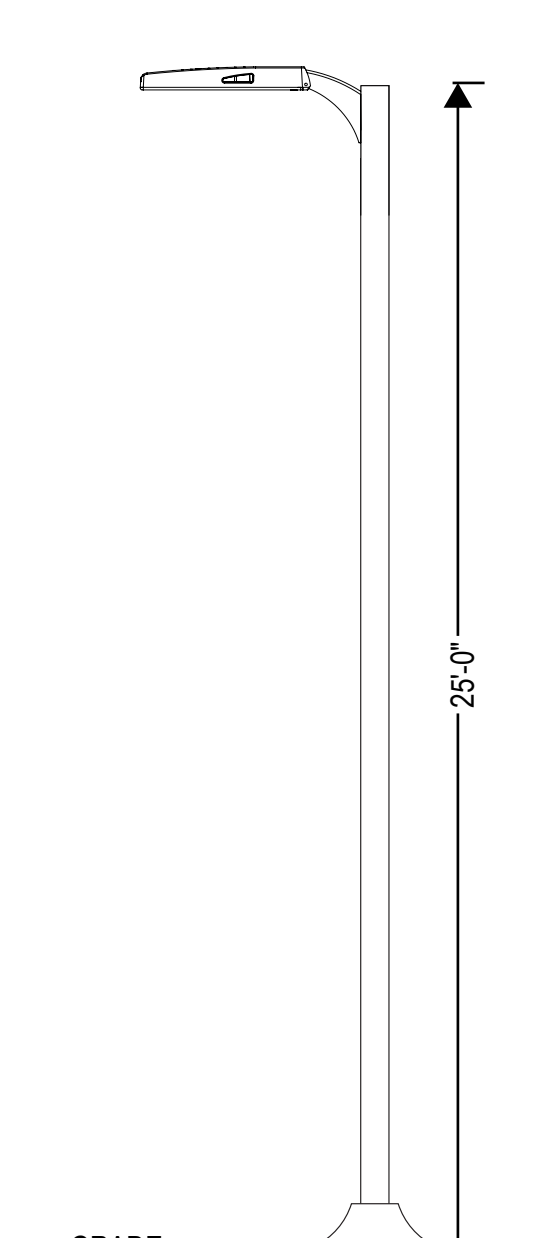
Manufacturer: NLS LIGHTING
Test #: 8022939-36
Test Lab: CSA GROUP
Catalog: NV-175W-32L-150-40K7
Description: OUTDOOR AREA LIGHT
Lamp Output: Total Luminaire Lumens: 13780.6, absolute photometry *
Ballast / Driver: 106
Input Voltage: 106
Luminous Opening: Rectangle (L: 8.52", W: 9.96")
Max Cd: 6,576.0 at Horizontal: 50°, Vertical: 72.5°
Roadway Class: Type VS

LCS Table

BUG Rating	Lumens	Lumens %
Forward Light		
Low(0-30)	377.9	2.7%
Medium(30-60)	2,181.5	15.8%
High(60-90)	4,050.9	29.4%
Very High(90-90)	279.4	2%
Back Light		
Low(0-30)	377.9	2.7%
Medium(30-60)	2,181.5	15.8%
High(60-90)	4,050.9	29.4%
Very High(90-90)	279.4	2%
Uplight		
Low(90-100)	0.000	0%
High(100-180)	0.000	0%
Trapped Light:	1.2	0%



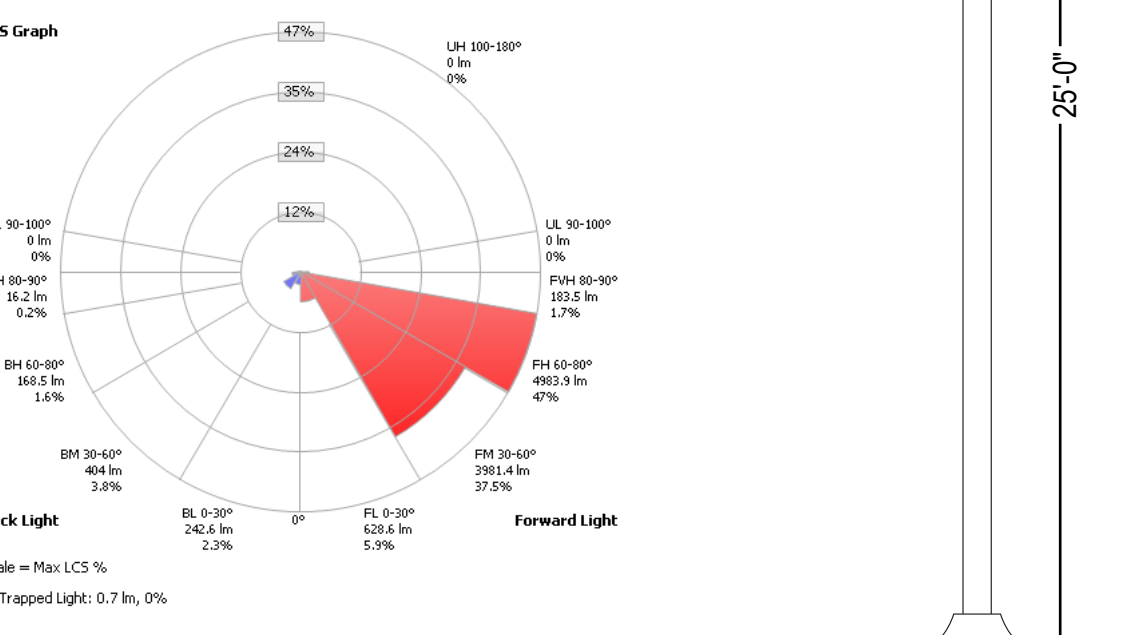
8 N2A LIGHT FIXTURE DETAILS
SCALE: NTS



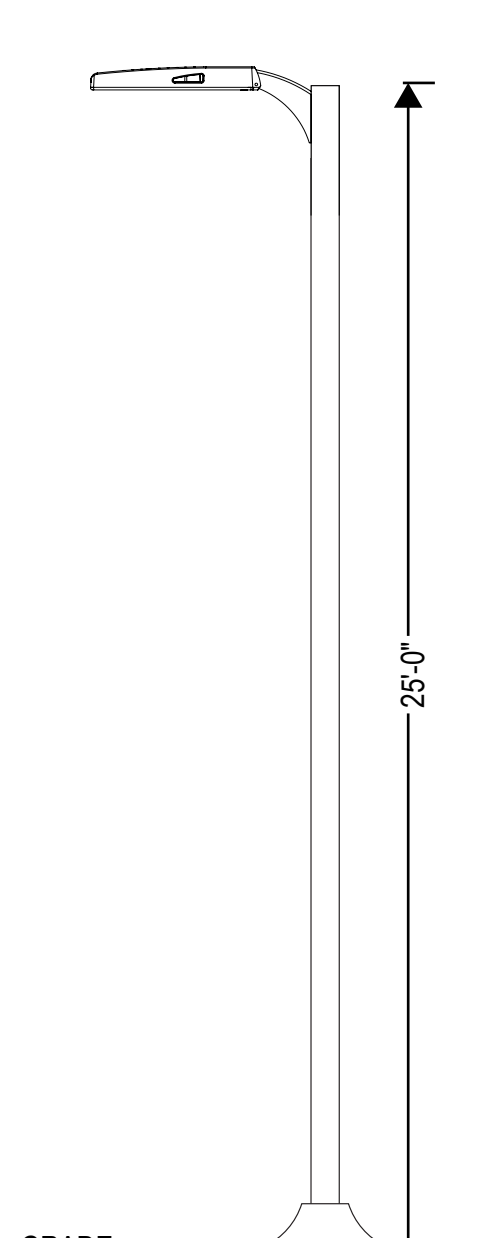
Manufacturer: NLS LIGHTING
Test #: 8022939-150
Test Lab: CSA GROUP
Catalog: NV-174FTW-4BL-1-40K7-HSS
Description: OUTDOOR AREA LIGHT
Lamp Output: Total Luminaire Lumens: 10669.4, absolute photometry *
Ballast / Driver: 156
Input Voltage: 156
Luminous Opening: Rectangle (L: 9.48", W: 10.87")
Max Cd: 6,403.6 at Horizontal: 40°, Vertical: 70°
Roadway Class: SHORT, TYPE IV

LCS Table

BUG Rating	Lumens	Lumens %
Forward Light		
Low(0-30)	628.6	5.9%
Medium(30-60)	3,981.4	37.5%
High(60-90)	4,983.9	47%
Very High(90-90)	183.5	1.7%
Back Light		
Low(0-30)	242.6	2.3%
Medium(30-60)	404.0	3.8%
High(60-90)	168.5	1.6%
Very High(90-90)	16.2	0.2%
Uplight		
Low(90-100)	0.000	0%
High(100-180)	0.000	0%
Trapped Light:	0.7	0%



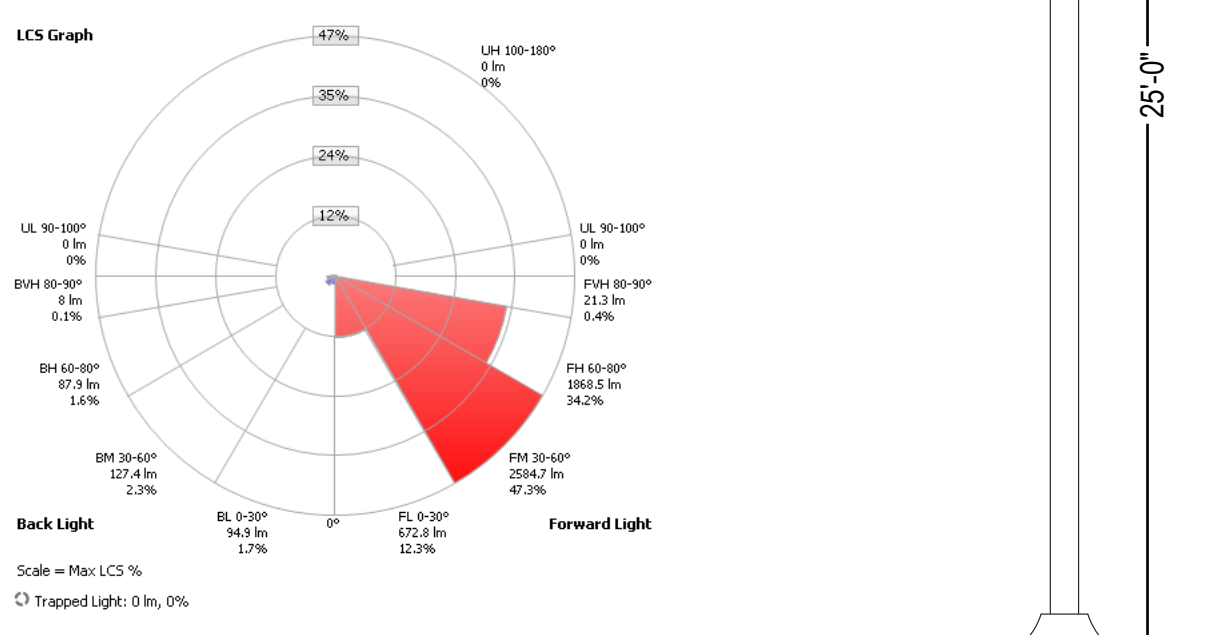
5 N1E LIGHT FIXTURE DETAILS
SCALE: NTS



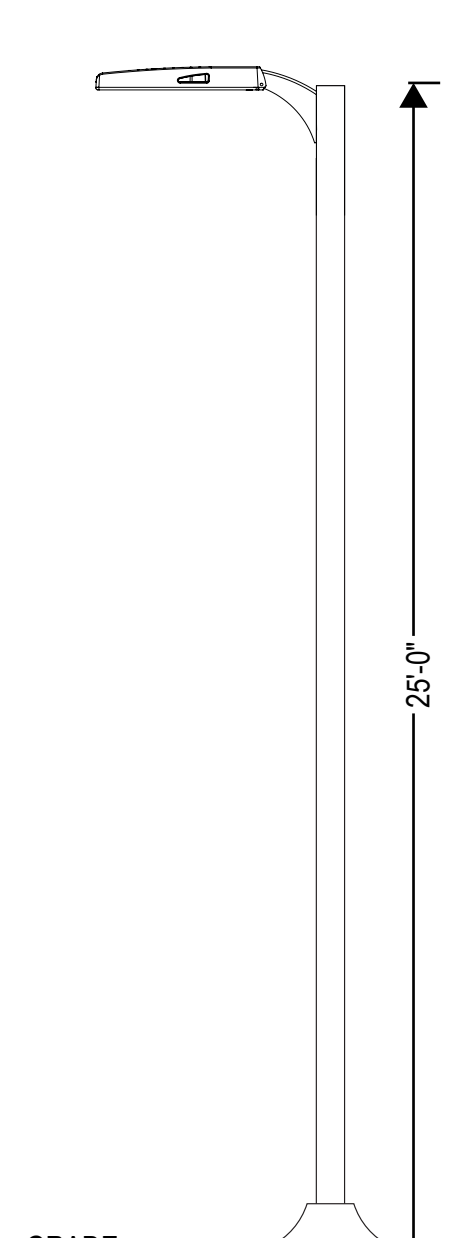
Manufacturer: NLS LIGHTING
Test #: L12221061
Test Lab: LIGHT LABORATORY, INC. (www.lightlaboratory.com)
Catalog: NV-113-32L-7-40K7-HSS
Description: NV-113 site fixture with version 1 backs shields
Lamp Output: Total Luminaire Lumens: 5664.8, absolute photometry *
Ballast / Driver: Advance Xtreme X220C100V210CNA1
Input Voltage: 72
Luminous Opening: Rectangle (L: 14.04", W: 14.04")
Max Cd: 8,077.5 at Horizontal: 65°, Vertical: 70°
Roadway Class: MEDIUM, TYPE III

LCS Table

BUG Rating	Lumens	Lumens %
Forward Light		
Low(0-30)	672.8	12.3%
Medium(30-60)	2,584.7	47.3%
High(60-90)	1,988.5	34.2%
Very High(90-90)	21.3	0.4%
Back Light		
Low(0-30)	94.9	1.7%
Medium(30-60)	127.4	2.3%
High(60-90)	87.5	1.6%
Very High(90-90)	8.0	0.1%
Uplight		
Low(90-100)	0.000	0%
High(100-180)	0.000	0%
Trapped Light:	0.000	0%



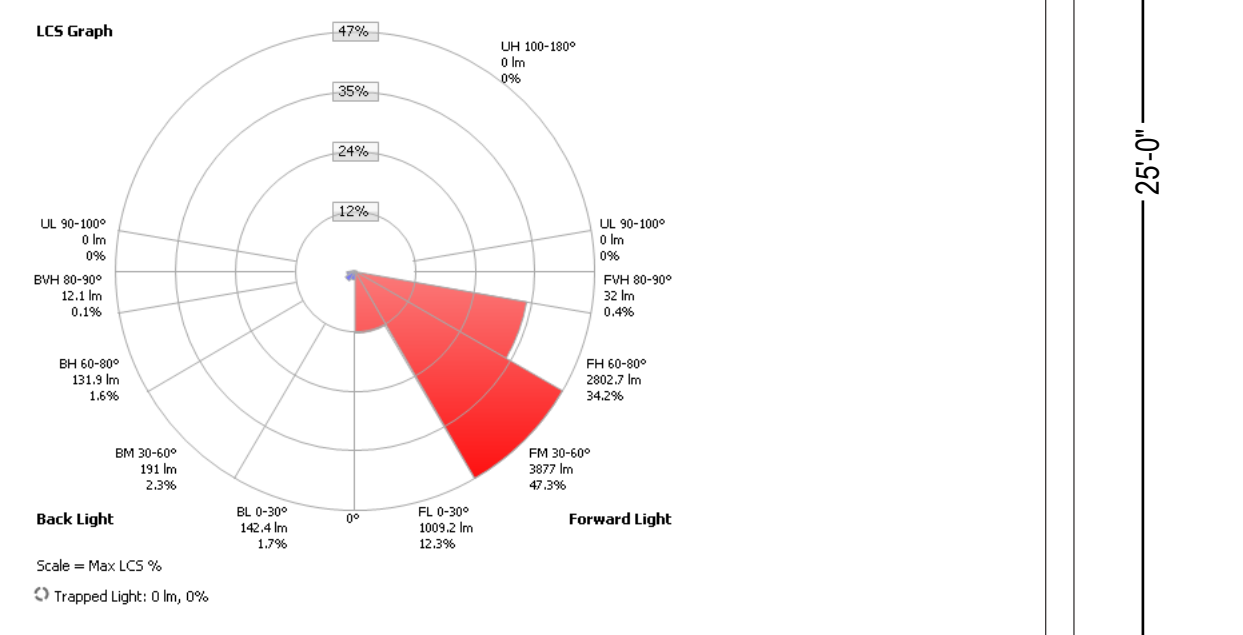
2 N1B LIGHT FIXTURE DETAILS
SCALE: NTS



Manufacturer: NLS LIGHTING
Test #: L12221061
Test Lab: LIGHT LABORATORY, INC. (www.lightlaboratory.com)
Catalog: NV-173-32L-1-40K7-HSS
Description: NV-173 site fixture with version 1 backs shields
Lamp Output: Total Luminaire Lumens: 8197.1, absolute photometry *
Ballast / Driver: Advance Xtreme X220C100V210CNA1
Input Voltage: 106
Luminous Opening: Rectangle (L: 14.04", W: 14.04")
Max Cd: 12,116.0 at Horizontal: 65°, Vertical: 70°
Roadway Class: MEDIUM, TYPE III

LCS Table

BUG Rating	Lumens	Lumens %
Forward Light		
Low(0-30)	1,059.2	12.3%
Medium(30-60)	3,877.8	47.3%
High(60-90)	2,802.7	34.2%
Very High(90-90)	32.0	0.4%
Back Light		
Low(0-30)	142.4	1.7%
Medium(30-60)	191.8	2.3%
High(60-90)	131.9	1.6%
Very High(90-90)	12.1	0.1%
Uplight		
Low(90-100)	0.000	0%
High(100-180)	0.000	0%
Trapped Light:	0.000	0%

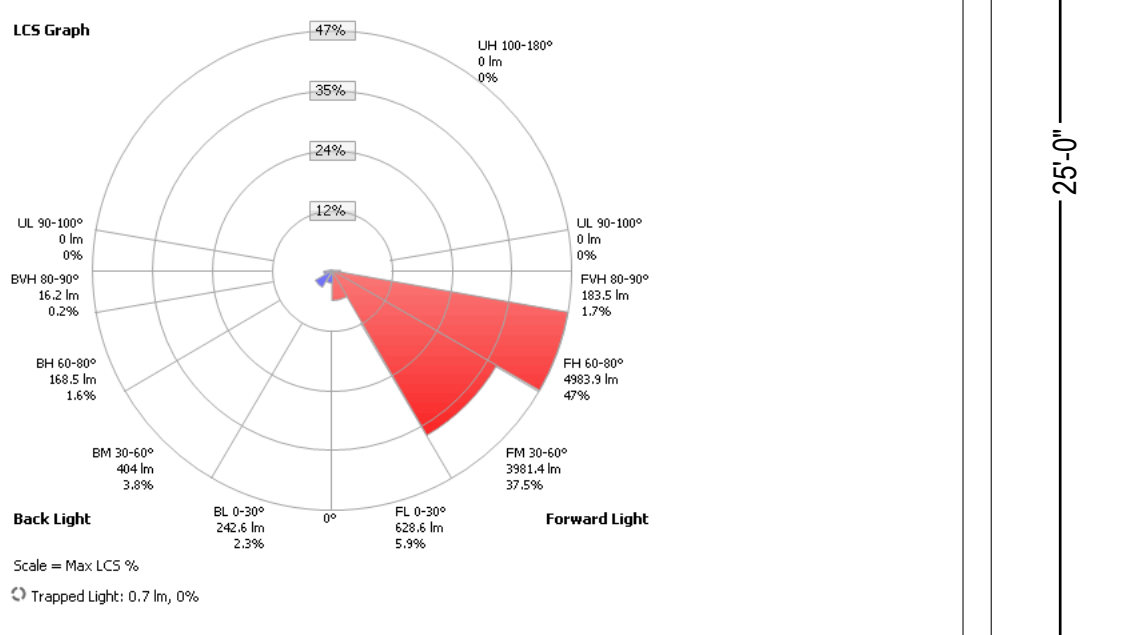


7 N1G LIGHT FIXTURE DETAILS
SCALE: NTS

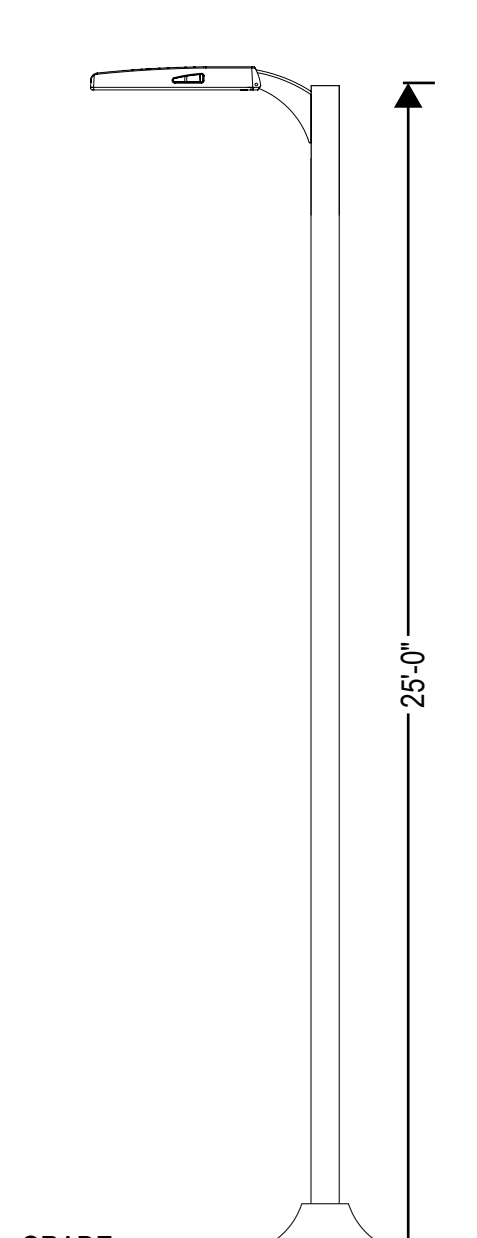
Manufacturer: NLS LIGHTING
Test #: 8022939-150
Test Lab: CSA GROUP
Catalog: NV-174FTW-4BL-1-40K7-HSS
Description: OUTDOOR AREA LIGHT
Lamp Output: Total Luminaire Lumens: 10669.4, absolute photometry *
Ballast / Driver: 156
Input Voltage: 156
Luminous Opening: Rectangle (L: 9.48", W: 10.87")
Max Cd: 6,403.6 at Horizontal: 40°, Vertical: 70°
Roadway Class: SHORT, TYPE IV

LCS Table

BUG Rating	Lumens	Lumens %
Forward Light		
Low(0-30)	628.6	5.9%
Medium(30-60)	3,981.4	37.5%
High(60-90)	4,983.9	47%
Very High(90-90)	183.5	1.7%
Back Light		
Low(0-30)	242.6	2.3%
Medium(30-60)	404.0	3.8%
High(60-90)	168.5	1.6%
Very High(90-90)	16.2	0.2%
Uplight		
Low(90-100)	0.000	0%
High(100-180)	0.000	0%
Trapped Light:	0.7	0%



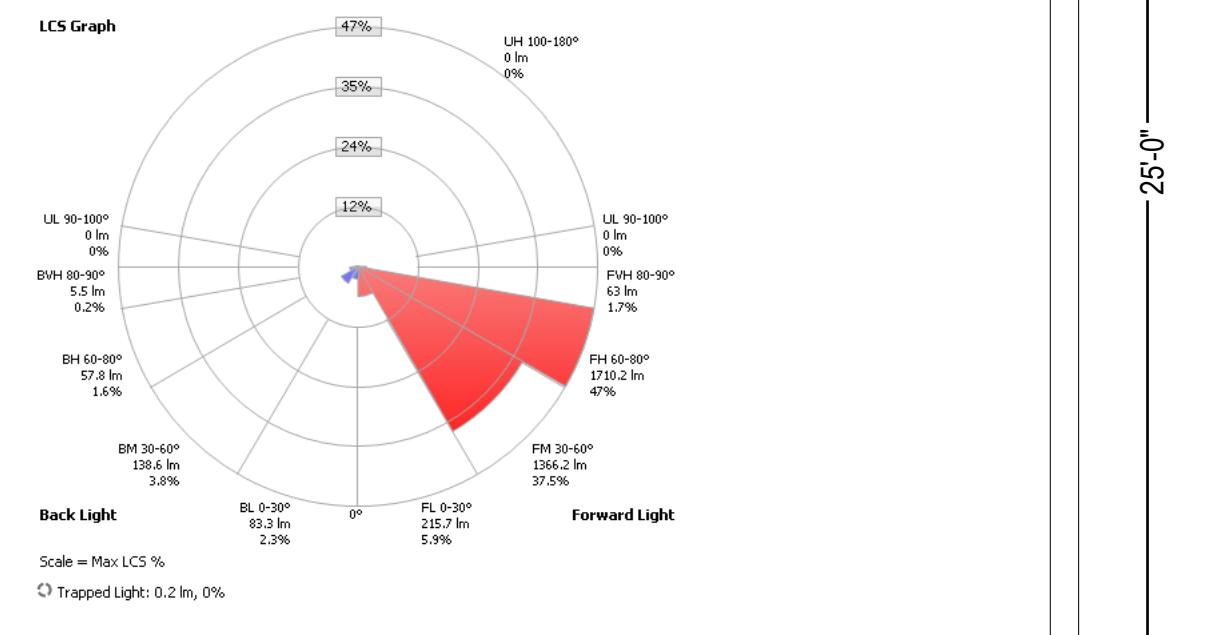
4 N1D LIGHT FIXTURE DETAILS
SCALE: NTS



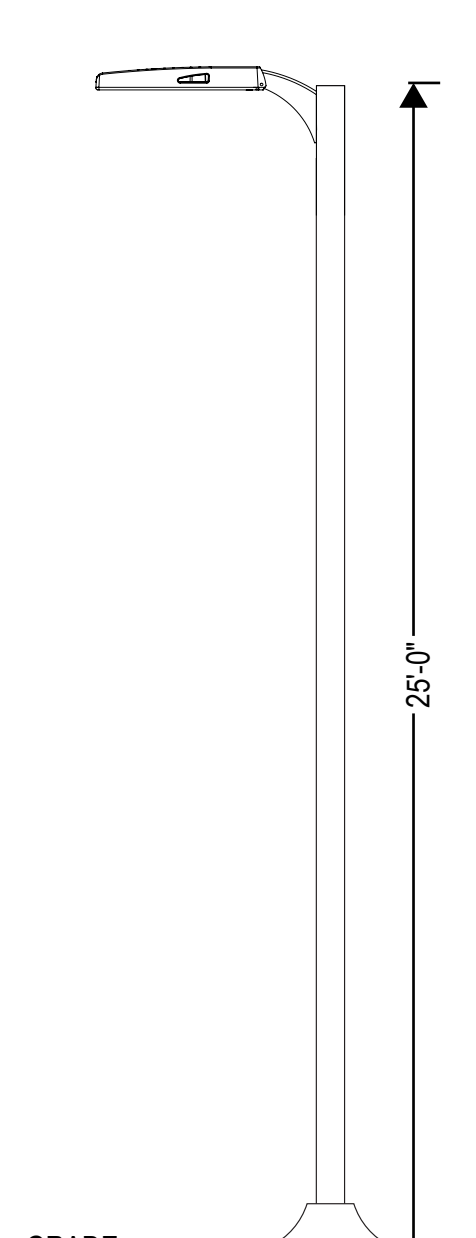
Manufacturer: NLS LIGHTING
Test #: 8022939-150
Test Lab: CSA GROUP
Catalog: NV-174FTW-16L-1-40K7-HSS
Description: OUTDOOR AREA LIGHT
Lamp Output: Total Luminaire Lumens: 3640.5, absolute photometry *
Ballast / Driver: 56
Input Voltage: 56
Luminous Opening: Rectangle (L: 9.48", W: 10.87")
Max Cd: 3,295.7 at Horizontal: 40°, Vertical: 70°
Roadway Class: SHORT, TYPE IV

LCS Table

BUG Rating	Lumens	Lumens %
Forward Light		
Low(0-30)	215.7	5.9%
Medium(30-60)	1,366.2	37.5%
High(60-90)	1,710.2	47%
Very High(90-90)	63.0	1.7%
Back Light		
Low(0-30)	83.3	2.3%
Medium(30-60)	138.6	3.8%
High(60-90)	57.8	1.6%
Very High(90-90)	5.5	0.2%
Uplight		
Low(90-100)	0.000	0%
High(100-180)	0.000	0%
Trapped Light:	0.2	0%



1 N1A LIGHT FIXTURE DETAILS
SCALE: NTS



Manufacturer: NLS LIGHTING
Test #: 8022939-147
Test Lab: CSA GROUP
Catalog: NV-174FTW-32L-1A-40K7
Description: OUTDOOR AREA LIGHT
Lamp Output: Total Luminaire Lumens: 6480.6, absolute photometry *
Ballast / Driver: X1100C110V438BY1
Input Voltage: 54
Luminous Opening: Rectangle (L: 3.48", W: 8.28")
Max Cd: 4,473.0 at Horizontal: 40°, Vertical: 72.5°
Roadway Class: SHORT, TYPE IV

LCS Table

BUG Rating	Lumens	Lumens %
Forward Light		
Low(0-30)	360.4	5.6%
Medium(30-60)	1,966.1	30.3%
High(60-90)	2,804.9	43.3%
Very High(90-90)	122.7	1.7%
Back Light		
Low(0-30)	227.6	3.5%
Medium(30-60)	561.5	8.3%
High(60-90)	414.9	6.4%
Very High(90-90)	31.9	0.5%
Uplight		
Low(90-100)	0.000	0%
High(100-180)	0.000	0%
Trapped Light:	0.6	0%



7 WM-A LIGHT FIXTURE DETAILS
SCALE: NTS

Manufacturer: NLS LIGHTING
Test #: L12221061
Test Lab: LIGHT LABORATORY, INC. (www.lightlaboratory.com)
Catalog: NV-173-32L-1-40K7-HSS
Description: NV-173 site fixture with version 1 backs shields
Lamp Output: Total Luminaire Lumens: 8197.1, absolute photometry *
Ballast / Driver: Advance Xtreme X220C100V210CNA1
Input Voltage: 106
Luminous Opening: Rectangle (L: 14.04", W: 14.04")
Max Cd: 12,116.0 at Horizontal: 65°, Vertical: 70°
Roadway Class: MEDIUM, TYPE III

LCS Table

BUG Rating	Lumens	Lumens %
Forward Light		
Low(0-30)	628.6	5.9%
Medium(30-60)	3,981.4	37.5%
High(60-90)	4,983.9	47%
Very High(90-90)	183.5	1.7%
Back Light		
Low(0-30)	242.6	2.3%
Medium(30-60)	404.0	3.8%
High(60-90)	168.5	1.6%
Very High(90-90)	16.2	0.2%
Uplight		
Low(90-100)	0.000	0%
High(100-180)	0.000	0%
Trapped Light:	0.7	0%



4 N1D LIGHT FIXTURE DETAILS
SCALE: NTS

Manufacturer: NLS LIGHTING
Test #: 8022939-150
Test Lab: CSA GROUP
Catalog: NV-174FTW-16L-1-40K7-HSS
Description: OUTDOOR AREA LIGHT
Lamp Output: Total Luminaire Lumens: 3640.5, absolute photometry *
Ballast / Driver: 56
Input Voltage: 56
Luminous Opening: Rectangle (L: 9.48", W: 10.87")
Max Cd: 3,295.7 at Horizontal: 40°, Vertical: 70°
Roadway Class: SHORT, TYPE IV

LCS Table

BUG Rating	Lumens	Lumens %
Forward Light		
Low(0-30)	215.7	5.9%
Medium(30-60)	1,366.2	37.5%
High(60-90)	1,710.2	47%
Very High(90-90)	63.0	1.7%
Back Light		
Low(0-30)	83.3	2.3%
Medium(30-60)	138.6	3.8%
High(60-90)	57.8	1.6%
Very High(90-90)	5.5	0.2%
Uplight		