LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

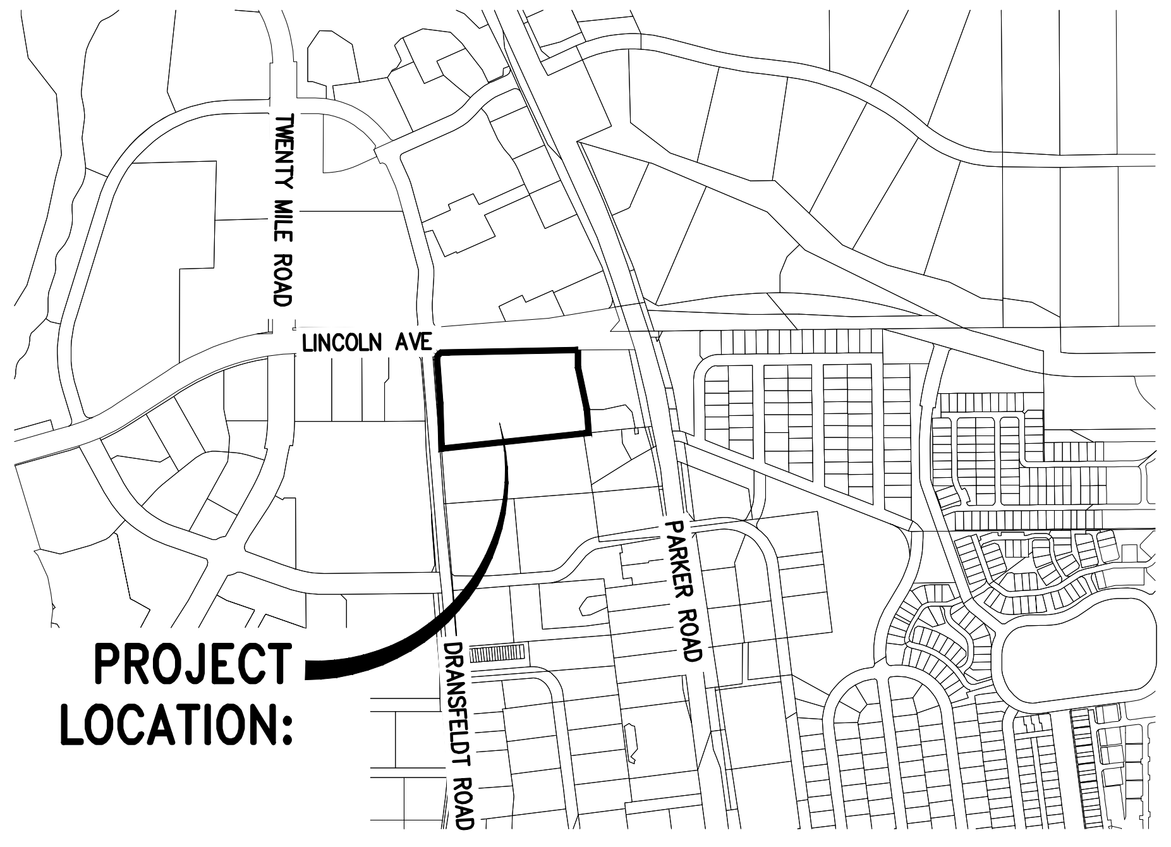
SITUATED IN THE NORTHWEST $\frac{1}{4}$ OF SECTIOON 15,
TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

LEGEND:

	NEW	EXIST.
NEW SANITARY SEWER LINE	———	
EXT. SANITARY SEWER LINE		— SS12" —
NEW STORM DRAIN LINE	———	
EXT. STORM DRAIN LINE		— SD12" —
NEW WATER LINE	– W — — — — W — — —	
EXIST. WATER LINE		— W12" —
NEW & EXIST. CATCH BASIN	▣	▣
NEW & EXIST. AREA DRAIN	⊜	⊜
STORM DRAIN MANHOLE	SDMH	SDMH
SANITARY SEWER MANHOLE	SSMH	SSMH
NEW & EXIST. CLEANOUT (SD & SSWR)	● CO	● CO
NEW ROOF DOWNSPOUT	▣ DS	
NEW & EXIST. GAS METER	◙	◙
NEW & EXIST. FIRE HYDRANT	FH	FH
NEW & EXIST. WATER METER	▚	▚
NEW & EXIST. WATER VALVE	⋈	⋈
FITTING WITH THRUST BLOCK	TEE 90° 45° 22.5°	
SURFACE WATER & PIPE DIRECTION FLOW	— — — →	
EXISTING CONTOUR		—(457)—
NEW CONTOUR	— 457 —	
EXISTING SURFACE ELEVATION	(XXX.XX) F.S.	(XXX.XX T.C.) (XXX.XX F.S.)
FINISHED SURFACE ELEVATION	XXX.XX F.S.	XXX.XX T.C. XXX.XX F.S.
TOP OF WALL/TOE OF WALL	TOW XXX.XX XXX.XX BOW	
RIP RAP	▨	
NEW CEMENT CONCRETE	▭	
COORDINATES, & LEADERS	N 1000.00 E 5000.00	
NEW CONCRETE CURB	═══	
NEW CONCRETE CURB & GUTTER	≡≡≡	

ABBREVIATIONS:

ACP	ASPHALT CONCRETE PAVEMENT	GV	GATE VALVE
AD	AREA DRAIN	HDPE	HIGH DENSITY POLYETHYLENE
BLDG	BUILDING	HYD	HYDRANT
BM	BENCHMARK	I.E.	INVERT ELEVATION
BNDRY	BOUNDARY	INV	INVERT
BOW	BOTTOM OF WALL	IRR	IRRIGATION WATER
CTV	CABLE TV	LF	LINEAR FEET
C&G	CURB AND GUTTER	MH	MANHOLE
CB	CATCH BASIN	MJ	MECHANICAL JOINT
CL	CLASS	P	POWER
CL	CENTER LINE	PIV	POST INDICATOR VALVE
CMP	CORRUGATED METAL PIPE	PP	POWER POLE
CONC.	CONCRETE	PL	PROPERTY LINE
CPEP	CORRUGATED POLYETHYLENE PIPE	RAD (R)	RADIUS
CTR	CENTER(ED)	RCP	REINFORCED CONCRETE PIPE
DCVA	DOUBLE CHECK VALVE ASSEMBLY	RD	ROAD
DDCV	DOUBLE DETECTOR CHECK VALVE	RET	RETAINING
D.I.	DUCTILE IRON	ROW	RIGHT OF WAY
DIA (ø)	DIAMETER	SD	STORM DRAIN
DIM	DIMENSION	S.F.	SQUARE FEET
DS	DOWN SPOUT	SS	SANITARY SEWER
EL.=	ELEVATION	STA	STATION
EOP	EDGE OF PAVEMENT	TOE	TOE OF WALL, OR SLOPE
FD	FLOOR DRAIN	T	TELEPHONE WIRE
FDC	FIRE DEPARTMENT CONNECTION	TBM	TEMPORARY BENCH MARK
FFE	FINISH FLOOR ELEVATION	T.C.	TOP OF CURB
FH	FIRE HYDRANT FL FLANGED	TG	TOP OF GRATE
G	GAS MAIN	TOP	TOP OF SLOPE
GB	GRADE BREAK	TOW	TOP OF WALL
GM	GAS METER	TV	TELEVISION WIRE
GRD	GRADE		



VICINITY MAP
SCALE: 1"=1000'
N

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LEGAL DESCRIPTION

LINCOLN PROFFESSIONAL PARK FILING 1, LOT 1

BASIS OF BEARING

BEARINGS ARE BASED ON THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 15, TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN. AS MONUMENTED AT BOTH THE NORTHWEST QUARTER CORNER AND THE NORTH QUARTER CORNER BY 3.25" ALUMININUM CAPS, ASSUMED TO BEAR SOUTH 89°29'00" WEST.

VERTICAL DATUM/BENCHMARK:

BENCHMARK IS THE NW CORNER SECTION 15, T6S S R66W, BEING A 3.5" ALUMINUM CAP LS 19003 1999 IN RANGE BOX,

ELEVATION=5806.79' NAVD 88.

SITE DATA:			
ZONING: COMMERCIAL			
LAND USE	**(SF)**	**(AC)**	**(% TOTAL)**
BUILDING AREA	6,089	0.14	10.30%
FUEL CANOPY	4,290	0.10	7.26%
INTERNAL DRIVES/PARKING	26,875	0.62	45.48%
CONCRETE/SIDEWALKS	9,326	0.21	15.78%
LANDSCAPE	12,515	0.29	21.18%
TOTAL	59,095	1.36	100.00%
PARKING		**REQUIRED**	**PROVIDED**
VEHICLE STALLS (1 PARKING SPACE/250 SF OF BLDG SPACE)		24	29
ADA/VAN ACCESSIBLE STALLS		2	2
TOTAL STALLS		26	31
BICYCLE PARKING		2	2

PROJECT TEAM:

DEVELOPER/APPLICANT:
MAVERIK INC.
185 S. STATE STREET, SUITE 800
SALT LAKE CITY, UT 84111
CONTACT: CASSIE YOUNGER
PHONE: (801) 936–5557

CIVIL ENGINEER:
DCI ENGINEERS
1331 17TH STREET SUITE 605
DENVER, CO 80202
CONTACT: MANNY NUNO, P.E.
PHONE: (720) 464–7728

LANDSCAPE ARCHITECT:
RUSSELL MILLS STUDIO
2245 CURTIS STREET SUITE 100
DENVER, CO 80205
CONTACT: NATE STARK, R.L.A.
PHONE: (303) 709–0704

APPLICANT:
DCI ENGINEERS
1331 17TH STREET, SUITE 605
DENVER, COLORADO 80202
MANUEL NUNO P.E. (720) 439–4700

ARCHITECT:
PRESCOTT MUIR ARCHITECTS
171 W. PIERPONT AVE.
SALT LAKE CITY, UT 84101
CONTACT: MEGAN CLARK
PHONE: (801) 521–9111

MEP:
GPD GROUP
5050 QUORUM DR. SUITE 338
DALLAS, TX 75254
CONTACT: MATHEW BETSILL
PHONE: (469) 573–4311

CONTRACTOR NOTE:

ALL EXISTING UTILITIES SHOWN ON PLANS ARE TO BE VERIFIED HORIZONTALLY AND VERTICALLY PRIOR TO ANY CONSTRUCTION. ALL EXISTING FEATURES INCLUDING BURIED UTILITIES ARE SHOWN AS INDICATED ON RECORD MAPS AND SURVEYS FURNISHED BY OTHERS. WE ASSUME NO LIABILITY FOR THE ACCURACY OF THOSE RECORDS AND SURVEYS. CONTACT THE UTILITY OWNER/AGENCY FOR THE FINAL LOCATION OF EXISTING UTILITIES IN AREAS CRITICAL TO CONSTRUCTION.

PROJECT NUMBER
21-122-0001

ISSUE DATE:
March 10, 2023

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MAVERIK INC. STORE
LINCOLN AVE. AND DRANSFELDT RD.
PARKER, CO
SITE PLAN

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PHONE: (720) 439-4700
WEBSITE: www.dci-engineers.com
CIVIL / STRUCTURAL

COVER SHEET

LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

SITUATED IN THE NORTHWEST ¼ OF SECTIOON 15,
TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

STORM INFRASTRUCTURE NOTES:

1. ALL STORM DRAINAGE IMPROVEMENTS ARE SUBJECT TO COMPLIANCE WITH THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, M & S STANDARDS, AND ALL STANDARD SPECIAL PROVISIONS CURRENTLY USED BY CDOT, WITH THE MODIFICATIONS SET FORTH IN THE TOWN OF PARKER'S STORM DRAINAGE AND ENVIRONMENTAL CRITERIA MANUAL (SDECM), AS AMENDED.

2. THE CONTRACTOR SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8 CRS), THE "PROTECTION OF FISHING STREAMS" TITLE 33, ARTICLE 5, CRS), THE "CLEAN WATER ACT" (33 USC 1344), CHERRY CREEK RESERVOIR CONTROL REGULATION NO. 72" (5 CCR 1002–72), THE REGULATION PROMULGATED, CERTIFICATION OR PERMITS ISSUES, AND THE REQUIREMENTS PRESENTED IN THE SDECM REVISION TO SECTION 107 AND THE CONSTRUCTION BMP PLAN. IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND WATER QUALITY CONTROL LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, OR STATE AGENCIES, THE MORE RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.

3. INSPECTIONS: CONSTRUCTION SHALL NOT BEGIN UNTIL A GRADING PERMIT HAS BEEN ISSUED FOR THE PROJECT. THE CONTRACTOR SHALL NOTIFY THE TOWN OF PARKER ENGINEERING DEPARTMENT (PUBLIC WORKS) TO SCHEDULE INSPECTIONS A MINIMUM OF 48 HOURS PRIOR THE CONSTRUCTION OF ALL DRAINAGE INFRASTRUCTURE (STORM SEWERS, INLETS, MANHOLES, ENERGY DISSIPATERS, RIPRAP, GROUTED BOULDERS, DETENTION POND OUTLET STRUCTURES, FOREBAYS, TRICKLE CHANNELS, ETC). FAILURE TO NOTIFY THE ENGINEERING DEPARTMENT FOR INSPECTIONS MAY RESULT IN NON–ACCEPTANCE OF THE INFRASTRUCTURE BY THE TOWN. URBAN DRAINAGE AND FLOOD CONTROL DISTRICT MUST ALSO BE NOTIFIED IN A SIMILAR MANNER FOR ALL MAINTENANCE ELIGIBLE DRAINAGE INFRASTRUCTURES (CONSULT WITH STORMWATER ENGINEERING DIVISION).

4. STRUCTURAL BACKFILL (CDOT CLASS 1) SHALL BE COMPACTED TO CONFORM TO CDOT STANDARD SPECIFICATION 203.03. STRUCTURAL BACKFILL (CDOT CLASS 2) SHALL CONFORM TO CDOT STANDARD SPECIFICATION 203.07. AT THE CONTRACTOR'S OPTION, STRUCTURAL BACKFILL (SQUEEGEE) MEETING THE GRADATION REQUIREMENTS CONTAINED IN REVISION OF SECTION 206 OF THE CDOT STANDARD SPECIFICATIONS AS PRESENTED IN THE SDECM, MAY BE SUBSTITUTED FOR STRUCTURE BACKFILL (CLASS 1 OR CLASS 2) FOR BACKFILLING OF CULVERT PIPES, STORM SEWER PIPES, MANHOLES AND INLET STRUCTURES; HOWEVER, THE TOP 2 FEET BELOW SUBGRADE ELEVATION SHALL BE THE REQUIRED EMBANKMENT MATERIAL.

5. ALL EXCAVATIONS SHALL MEET OSHA REQUIREMENTS.

6. TESTING: PROBATIONARY ACCEPTANCE OF STORM DRAINAGE IMPROVEMENTS WILL BE CONTINGENT UPON SATISFACTORY TESTING RESULTS. IN ALL CASES WHERE TESTS INDICATE COMPACTION LESS THAN THAT REQUIRED BY TOWN SPECIFICATIONS, ADDITIONAL COMPACTION AND TESTS WILL BE REQUIRED UNTIL THE SPECIFICATIONS ARE MET. FREQUENCY OF TESTING WILL BE AS FOLLOWS:

- 1 TEST FOR SUBGRADE AND 1 TEST FOR BACKFILL AT EVERY ABOVE GROUND APPURTENANCE (MANHOLES, INLETS, ETC)
- 1 TEST EVERY 200 LF OF MAINLINE TRENCH EVERY 1 FOOT OF BACKFILL LIFT AND WITHIN 1 FOOT FROM ALL STRUCTURES.

7. ALLOWABLE STORM SEWER CONDUIT MATERIAL WITHIN THE TOWN OF PARKER SHALL BE LIMITED TO REINFORCED CONCRETE PIPE (RCP) CONFORMING TO CDOT STANDARD SPECIFICATION 706.02.

8. ALL RCP JOINTS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C443. RUBBER GASKETS SHALL BE USED ON ALL PIPE JOINTS CONFORMING TO ASTM C443. ALL RCP SECTIONS SHALL BE JOINED IN SUCH A MANNER THAT THE ENDS ARE FULLY ENTERED AND THE INNER SURFACES ARE REASONABLE FLUSH. AVERAGE JOINT GAP THAT EXCEEDS ½ INCH SHALL BE FILLED WITH AN APPROVED FLEXIBLE PLASTIC SEALANT.

9. JOINT RESTRAINTS AND TOE–WALLS, CONFORMING TO CDOT M&S STANDARD PLAN NO. M–601–11 SHALL BE USED ON ALL RCP FLARED END SECTION OUTFALLS.

10. EPOXY COATED REBAR SHALL BE USED AS REINFORCING STEEL ON ALL STORM INLETS AND STRUCTURES. REFERENCE CDOT M&S STANDARD PLAN NO. M–604–10, 11, 12, AND 13.

11. CDOT CLASS D CONCRETE SHALL BE USED FOR ALL CONCRETE DRAINAGE STRUCTURES.

12. PRE–CAST INLETS AND MANHOLE BASES SHALL NOT BE USED WITHIN THE TOWN OF PARKER RIGHT–OF– WAY, WITH THE EXCEPTION OF CDOT TYPE C AND D INLETS.

13. TWO– (2) MANHOLE ACCESS POINTS ARE REQUIRED ON ALL TYPE "R" CURB INLETS GREATER THAN OR EQUAL TO TEN (10) FEET IN LENGTH AS PRESENTED IN CDOT M&S STANDARD PLAN NO. M–604–12.

14. ALL GROUTING (BOULDERS, RIPRAP) SHALL BE IN ACCORDANCE WITH THE REVISION OF SECTION 506 OF THE CDOT STANDARD SPECIFICATIONS AS PRESENTED IN THE SDECM.

15. ALL BOULDERS AND RIPRAP SHALL BE SELECTED AND PLACED IN ACCORDANCE WITH THE REVISION OF SECTION 506 OF THE CDOT STANDARD SPECIFICATIONS AS PRESENTED IN THE SDECM.

16. CONTRACTOR SHALL REFER TO THE TOWN OF PARKER'S CONSTRUCTION BEST MANAGEMENT PRACTICES DETAILS AND NOTES FOR ALL REQUIREMENTS RELATING TO RE–VEGETATION, SEDIMENT AND EROSION CONTROL REQUIREMENTS FOR CONSTRUCTION ACTIVITIES.

17. PIPE BELLS SHALL NOT BE CAST INTO MANHOLE BASES OR INLETS.

STANDARD CONTRUCTION NOTES:

1. ALL MATERIALS AND CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE LATEST EDITION OF THE TOWN OF PARKER ROADWAY DESIGN AND CONSTRUCTION CRITERIA MANUAL, AND THE TOWN OF PARKER STORM DRAINAGE AND ENVIRONMENTAL CRITERIA MANUAL.

2. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT. THE TOWN RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO ITS STANDARDS AND SPECIFICATIONS.

3. A PRECONSTRUCTION MEETING SHALL BE SCHEDULED A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO THE START OF CONSTRUCTION. A PRECONSTRUCTION MEETING WILL NOT BE SCHEDULED UNTIL THE GRADING PERMIT AND ALL OTHER NECESSARY PERMITS HAVE BEEN OBTAINED.

4. THE TOWN INSPECTOR SHALL BE CONTACTED A MINIMUM OF 24 HOURS PRIOR TO A NECESSARY INSPECTION. IF A TOWN INSPECTOR IS NOT AVAILABLE AFTER PROPER NOTICE OF CONSTRUCTION ACTIVITY HAS BEEN PROVIDED, THE PERMITTEE MAY COMMENCE WORK IN THE TOWN INSPECTOR'S ABSENCE. HOWEVER, THE TOWN OF PARKER RESERVES THE RIGHT TO REJECT THE IMPROVEMENT IF SUBSEQUENT TESTING REVEALS AN IMPROPER INSTALLATION.

5. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ACTUAL CONSTRUCTION IN ACCORDANCE WITH ALL STATE AND LOCAL LAWS. THE CONTRACTOR SHALL FIELD VERIFY SIZE AND HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING FACILITIES PRIOR TO CONSTRUCTION, AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

6. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE PLANS, APPROVED BY THE TOWN OF PARKER DIRECTOR OF ENGINEERING/PUBLIC WORKS, AND ONE (1) COPY OF THE ROADWAY DESIGN AND CONSTRUCTION CRITERIA AT THE JOB SITE AT ALL TIMES.

7. A PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE SUBMITTED TO THE TOWN OF PARKER FOR ACCEPTANCE WITH THE RIGHT–OF–WAY USE PERMIT APPLICATION. A PERMIT WILL NOT BE ISSUED WITHOUT AN APPROVED TRAFFIC CONTROL PLAN FOR USE DURING CONSTRUCTION.

8. ALL TRENCHES SHALL BE ADEQUATELY SUPPORTED AND THE SAFETY OF WORKERS PROVIDED FOR AS REQUIRED BY THE MOST RECENT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) "SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION."

9. COMPACTION OF ALL TRENCHES MUST BE ATTAINED AND COMPACTION TEST RESULTS SUBMITTED TO THE DEVELOPMENT REVIEW ENGINEER IN PRELIMINARY FORM PRIOR TO PAVING AND IN FINAL FORM PRIOR TO PROBATIONARY ACCEPTANCE.

1. 10. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION. THE PLAN MAY BE MODIFIED AS FIELD CONDITIONS WARRANT WITH APPROVAL FROM THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT.

11. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN PROPER TRAFFIC CONTROL DEVICES UNTIL THE SITE IS OPEN TO TRAFFIC. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT FOR APPROVAL PRIOR TO CONSTRUCTION.

12. PLANS ARE APPROVED FOR PERIOD OF 1 (ONE) YEAR FROM THE DATE SHOWN ON THE TOWN OF PARKER SIGNATURE BLOCK. PLANS SHALL BE RESUBMITTED TO THE TOWN FOR APPROVAL AFTER 1 YEAR. THE COST OF THE PLAN RE–REVIEW AND RE–ACCEPTANCE WILL BE CHARGED BACK TO THE DEVELOPER INCLUDING ALL TIME AND EXPENSES OF THE TOWN OF PARKER PUBLIC WORKS DEPARTMENT.

13. REPAIR OF ANY DAMAGE TO EXISTING IMPROVEMENTS OR LANDSCAPING IS THE RESPONSIBILITY OF THE CONTRACTOR. SUCH RESTORATION MAY BE REQUIRED TO BE COMPLETED PRIOR TO ACCEPTANCE OF COMPLETED IMPROVEMENTS.

14. ALL DAMAGED EXISTING CURB, GUTTER, AND SIDEWALK SHALL BE REPAIRED PRIOR TO ACCEPTANCE OF COMPLETED IMPROVEMENTS.

15. ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH THE STATE OF COLORADO PERMITTING PROCESS FOR "STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY." FOR INFORMATION, PLEASE CONTACT COLORADO DEPARTMENT OF HEATH, WATER QUALITY CONTROL DIVISION, WQCD–PE–B2, 4300 CHERRY DRIVE SOUTH, DENVER, COLORADO 80222–1530. ATTENTION: PERMITS AND ENFORCEMENT SECTION. PHONE (303) 692–3500.

16. IF DEWATERING IS REQUIRED, A STATE CONSTRUCTION DEWATERING DISCHARGE PERMIT IS REQUIRED FOR DISCHARGES TO A STORM SEWER, CHANNEL, IRRIGATION DITCH, ANY STREET THAT IS TRIBUTARY TO THE AFOREMENTIONED FACILITIES, OR ANY WATER OF THE UNITED STATES.

17. ALL REFERENCES TO BOOKS, PAGES, MAPS, AND RECEPTION NUMBER ARE PUBLIC DOCUMENTS ON FILE WITH THE COUNTY CLERK AND RECORDER'S OFFICE.

SIGNAGE AND STRIPING NOTES:

1. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MOST RECENT VERSION OF THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), COLORADO SUPPLEMENTAL MUTCD, AND THE TOWN OF PARKER ROADWAY DESIGN AND CONSTRUCTION CRITERIA MANUAL. FURTHER SPECIFICATIONS AND ILLUSTRATIONS ARE LOCATED IN THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) M AND S STANDARDS.

2. A FIELD INSPECTION OF LOCATION AND INSTALLATION OF ALL SIGNS AND MARKINGS SHALL BE PERFORMED BY THE TOWN OF PARKER.

3. THE CONTRACTOR INSTALLING SIGNS SHALL BE RESPONSIBLE FOR THE LOCATING AND PROTECTING OF ALL UNDERGROUND UTILITIES.

4. TYPE III (LIGHTED) BARRICADES SHALL BE SET AT THE ENDS OF ROADWAYS SEPARATING FINISHED (AND/OR ACCEPTED) AND UNFINISHED CONSTRUCTION AREAS AND SHALL BE MAINTAINED BY THE CONTRACTOR/DEVELOPER. A "ROAD CLOSED AHEAD" AND "TO BE EXTENDED" WARNING SIGNS SHALL BE INSTALLED APPROPRIATELY IN ADVANCE OF THE TYPE III BARRICADES.

5. SPECIAL CARE SHALL BE TAKEN IN SIGN LOCATIONS TO ENSURE AN UNOBSTRUCTED VIEW OF EACH SIGN.

6. WHERE STOP SIGN CONTROL IS APPROPRIATE, 36 INCH STOP SIGNS SHALL BE USED FOR APPROACHES TO ANY ROADWAY THAT IS CLASSIFIED AS A COLLECTOR OR GREATER.

7. A 7 FOOT MINIMUM POST LENGTH SHALL BE MAINTAINED FROM THE BOTTOM OF THE SIGN PANEL TO THE GROUND. THIS REQUIREMENT FOR VERTICAL CLEARANCE IS FOR ALL SIGNS.

8. DELINEATION OF ROADWAYS SHALL BE AS SPECIFIED IN THE COLORADO DEPARTMENT OF TRANSPORTATION M AND S STANDARDS.

9. RAISED MEDIAN ISLAND NOSES SHALL HAVE R4–7 SIGNS AT EACH END AND A 4"X12" HIGH INTENSITY YELLOW SIGN BLANK LOCATED MIDWAY BETWEEN THE R4–7 SIGN AND FINISHED GRADE ON EACH POST.

10. SIGNAGE AND STRIPING HAS BEEN DETERMINED BY INFORMATION AVAILABLE AT THE TIME OF REVIEW. PRIOR TO THE INITIATION OF ANY WARRANTY PERIOD, THE TOWN OF PARKER RESERVES THE RIGHT TO REQUIRE MODIFICATIONS TO EXISTING, OR INSTALLATION OF, ADDITIONAL SIGNAGE AND/OR PAVEMENT MARKING IF IT IS DETERMINED THAT CONDITIONS WARRANT SUCH MODIFICATION ACCORDING TO THE MUTCD OR THE CDOT M AND S STANDARDS. ALL SIGNAGE AND STRIPING SHALL FALL UNDER THE REQUIREMENTS OF THE TWO–YEAR WARRANTY PERIOD FOR NEW CONSTRUCTION. ADDITIONALLY, ALL PAVEMENT MARKINGS SHALL NOT LIFT OR PEEL DURING THE FIRST YEAR AFTER INSTALLATION.

11. DIAMOND GRADE MATERIAL SHALL BE USED ON ALL STOP SIGNS AND OVERHEAD SIGNS. ALL OTHER ROADSIDE TRAFFIC CONTROL DEVICES SHALL USE HIGH INTENSITY GRADE SHEETING. NO FLUORESCENT YELLOW GREEN SHEETING SHALL BE USED UNLESS SPECIFICALLY APPROVED BY THE TOWN OF PARKER.

1. 12. ALL STREET NAME SIGNS SHALL BE HIGH INTENSITY, EXTRUDED, GREEN AND WHITE BLADES. ARTERIAL AND COLLECTOR STREET NAME SIGNS SHALL BE 9 INCH BLADES AND HAVE MIXED CASE LETTERING. LOCAL STREET NAME SIGNS SHALL BE 6 INCHES BLADES WITH MIXED CASE LETTERING.

13. ALL LAYOUTS FOR INTERNALLY ILLUMINATED STREET NAME SIGNS SHALL BE SUBMITTED TO THE TOWN FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.

14. ALL REMOVED SIGNS SHALL BE RETURNED TO THE TOWN OF PARKER.

15. CROSSWALKS: SHALL BE CONSTRUCTED USING PREFORMED THERMO–PLASTIC OR AN APPROVED EQUAL.

    SHALL BE LONGITUDINAL 2 FEET BY 10 FEET (CONTINENTAL) TYPE OR OTHER APPROVED BY THE TOWN OF PARKER.

    SHALL LINE UP WITH HANDICAP RAMPS.

    SHALL BE CENTERED WITHIN LANES AND PLACED ON LANE AND CURB LINES SO AS TO AVOID VEHICLE WHEEL PATHS.

16. ALL PAVEMENT MARKING MATERIAL (INCLUDING WORDS AND SYMBOLS) SHALL BE AS FOLLOWS:

    FOR CONCRETE SURFACE:
    LONG LINE MARKINGS (CHANNELIZATION LINES, SKIPS, ETC.) SHALL BE EPOXY PAINT.
    OTHER PAINT MAY BE USED FOR TEMPORARY APPLICATION ONLY WHEN APPROVED BY THE TOWN OF PARKER.

    WORDS, SYMBOLS, AND CROSSWALKS/STOP BARS SHALL BE METHYL–MYTHACRALATE, PREFORMED THERMOPLASTIC (90 MIL), PREFORMED PLASTIC (90 MIL), INLAYED TAPE (STAMARK), OR AS SPECIFIED.

    (SAND OR WATER BLAST CURING COMPOUND PRIOR TO INSTALLATION OF MARKINGS.)

    FOR ASPHALT SURFACE:
    LONG LINE MARKINGS (CHANNELIZATION LINES, SKIPS, ETC.) SHALL BE EPOXY PAINT.
    OTHER PAINT MAY BE USED FOR TEMPORARY APPLICATION ONLY WHEN APPROVED BY THE TOWN OF PARKER.

    WORDS, SYMBOLS, AND CROSSWALKS/STOP BARS SHALL BE HOT APPLIED THERMOPLASTIC (90 MIL), PREFORMED PLASTIC (90 MIL), INLAYED TAPE (STAMARK), METHYL–MYTHACRALATE, OR AS SPECIFIED.

17. INSPECTION AND APPROVAL OF STRIPING AND CROSSWALK LAYOUT TO BE DONE BY TOWN OF PARKER DEVELOPMENT REVIEW ENGINEER (CALL 303–840–9546) PRIOR TO APPLICATION OF FINAL STRIPING.

PROJECT NUMBER

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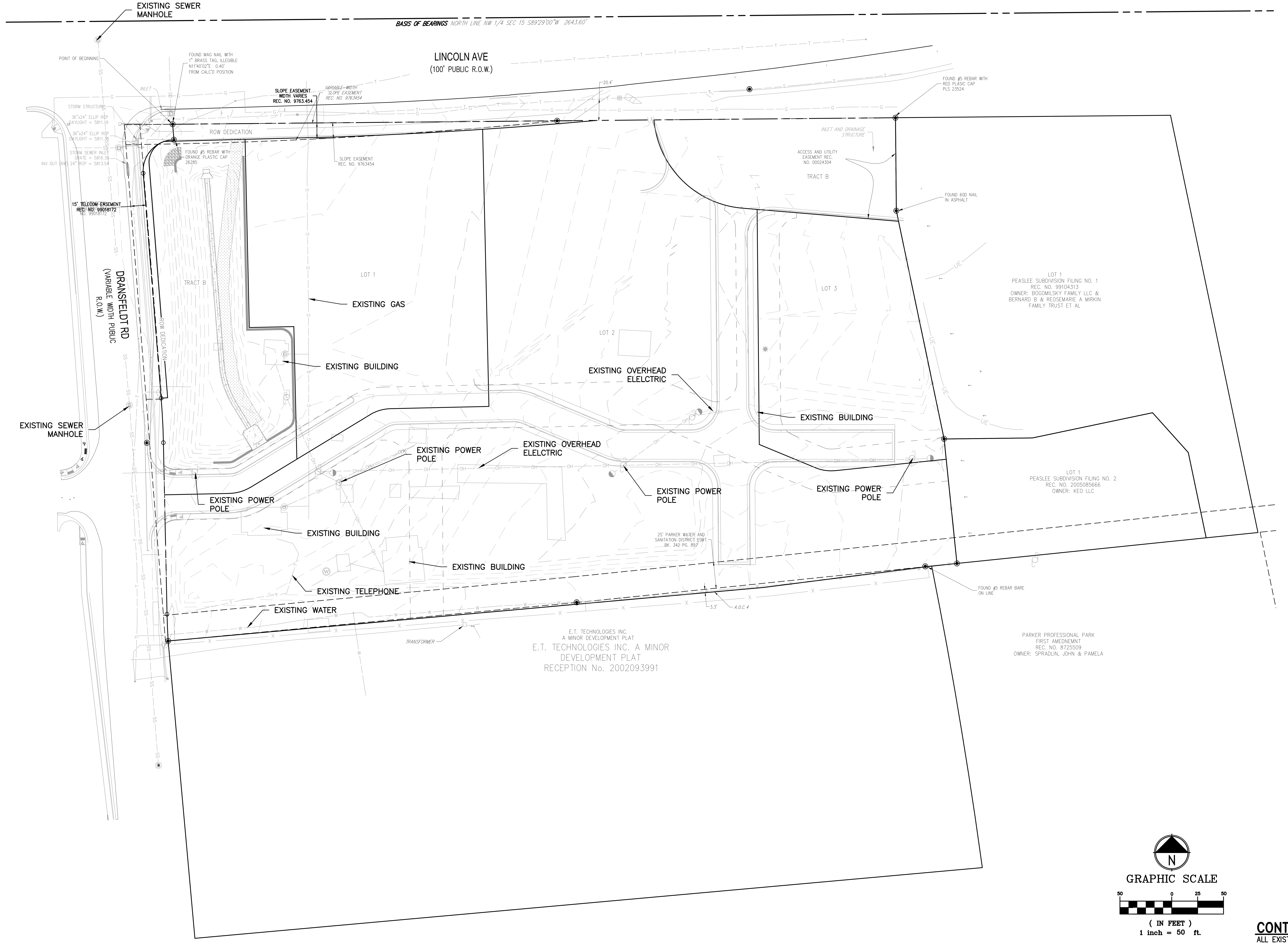
CIVIL / STRUCTURAL

NOTES SHEET

COLORADO 811
KNOW WHAT'S BELOW. CALL BEFORE YOU DIG.

LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

SITUATED IN THE NORTHWEST $\frac{1}{4}$ OF SECTIOON 15,
TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO


EXISTING SEWER MANHOLE
BASIS OF BEARINGS NORTH LINE NW 1/4 SEC 15 S89°29'00"W 2643.60'
POINT OF BEGINNING
FOUND MAG NAIL WITH 1" BRASS TAG, ILLEGIBLE N11°40'02"E 0.40' FROM CALC'D POSITION
LINCOLN AVE
(100' PUBLIC R.O.W.)
20.4'
INLET
SLOPE EASEMENT WIDTH VARIES REC. NO. 9763.454
VARIABLE WIDTH SLOPE EASEMENT REC. NO. 9763454
STORM STRUCTURE
36"x24" ELLIP RCP DAYLIGHT = 5811.19
36"x24" ELLIP RCP DAYLIGHT = 5811.38
STORM SEWER INLET GRATE = 5816.38
INV OUT (NW) 24" RCP = 5813.54
ROW DEDICATION
FOUND #5 REBAR WITH ORANGE PLASTIC CAP 26285
SLOPE EASEMENT REC. NO. 9763454
15' TELECOM EASEMENT REC. NO. 99018172
FOUND #5 REBAR WITH RED PLASIC CAP PLS 23524
INLET AND DRAINAGE STRUCTURE
ACCESS AND UTILITY EASEMENT REC. NO. 00024304
TRACT B
FOUND 60D NAIL IN ASPHALT
DRANSFELDT RD
(VARIABLE WIDTH PUBLIC R.O.W.)
TRACT B
LOT 1
EXISTING GAS
LOT 2
LOT 3
LOT 1
PEASLEE SUBDIVISION FILING NO. 1
REC. NO. 99104313
OWNER: BOGOMILSKY FAMILY LLC & BERNARD B & REOSEMARIE A MIRKIN FAMILY TRUST ET AL
ROW DEDICATION
EXISTING BUILDING
EXISTING OVERHEAD ELELCTRIC
EXISTING BUILDING
EXISTING SEWER MANHOLE
EXISTING POWER POLE
EXISTING OVERHEAD ELELCTRIC
EXISTING POWER POLE
EXISTING POWER POLE
EXISTING POWER POLE
LOT 1
PEASLEE SUBDIVISION FILING NO. 2
REC. NO. 2005085666
OWNER: KEO LLC
EXISTING BUILDING
25' PARKER WATER AND SANITATION DISTRICT ESMT. BK. 342 PG. 897
EXISTING BUILDING
EXISTING TELEPHONE
EXISTING WATER
3.3'
A.O.C. 4
FOUND #5 REBAR BARE ON LINE
TRANSFORMER
E.T. TECHNOLOGIES INC. A MINOR DEVELOPMENT PLAT
E.T. TECHNOLOGIES INC. A MINOR DEVELOPMENT PLAT
RECEPTION No. 2002093991
PARKER PROFESSIONAL PARK
FIRST AMEDNEMNT
REC. NO. 8725509
OWNER: SPRADLIN, JOHN & PAMELA
N
GRAPHIC SCALE
50
0
25
50
(IN FEET)
1 inch = 50 ft.

LEGAL DESCRIPTION

LINCOLN PROFFESSIONAL PARK FILING 1, LOT 1

BASIS OF BEARING

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VERTICAL DATUM/BENCHMARK:

BENCHMARK IS THE NW CORNER SECTION 15, T6S S R66W, BEING A 3.5" ALUMINUM CAP LS 19003 1999 IN RANGE BOX,

ELEVATION=5806.79' NAVD 88.

SURVEY PREPARED BY:

HARRIS KOCHER SMITH
1120 LINCOLN STREET, SUITE 1000
DENVER, CO 80203
PHONE: 303-623-6300
BRANDON E. ANDERSON, PLS 38484

DATE OF SURVEY: AUGUST 11, 2021

CONTRACTOR NOTE:

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COLORADO 811

PROJECT NUMBER

21-122-0001

ISSUE DATE:

March 10, 2023

REVISIONS:

No.	Date	Description
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3	10-19-22	CITY REVIEW
4	10-26-22	CITY REVIEW
5	12-08-22	CITY REVIEW
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7	3-10-23	CITY REVIEW

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MAVERIK

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LINCOLN AVE. AND DRANSFELDT RD.
PARKER, CO
SITE PLAN

DCI ENGINEERS
1331 17TH STREET • SUITE 605
DENVER, COLORADO 80202
PHONE: (720) 439-4700
WEBSITE: www.dci-engineers.com
CIVIL / STRUCTURAL

EXISTING CONDITION BASED ON SURVEY INFO PROVIDED BY ROSENBERG AND ASSOCIATES MAY 4, 2020

EXISTING CONDITIONS

LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
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SITUATED IN THE NORTHWEST $\frac{1}{4}$ OF SECTIOON 15,
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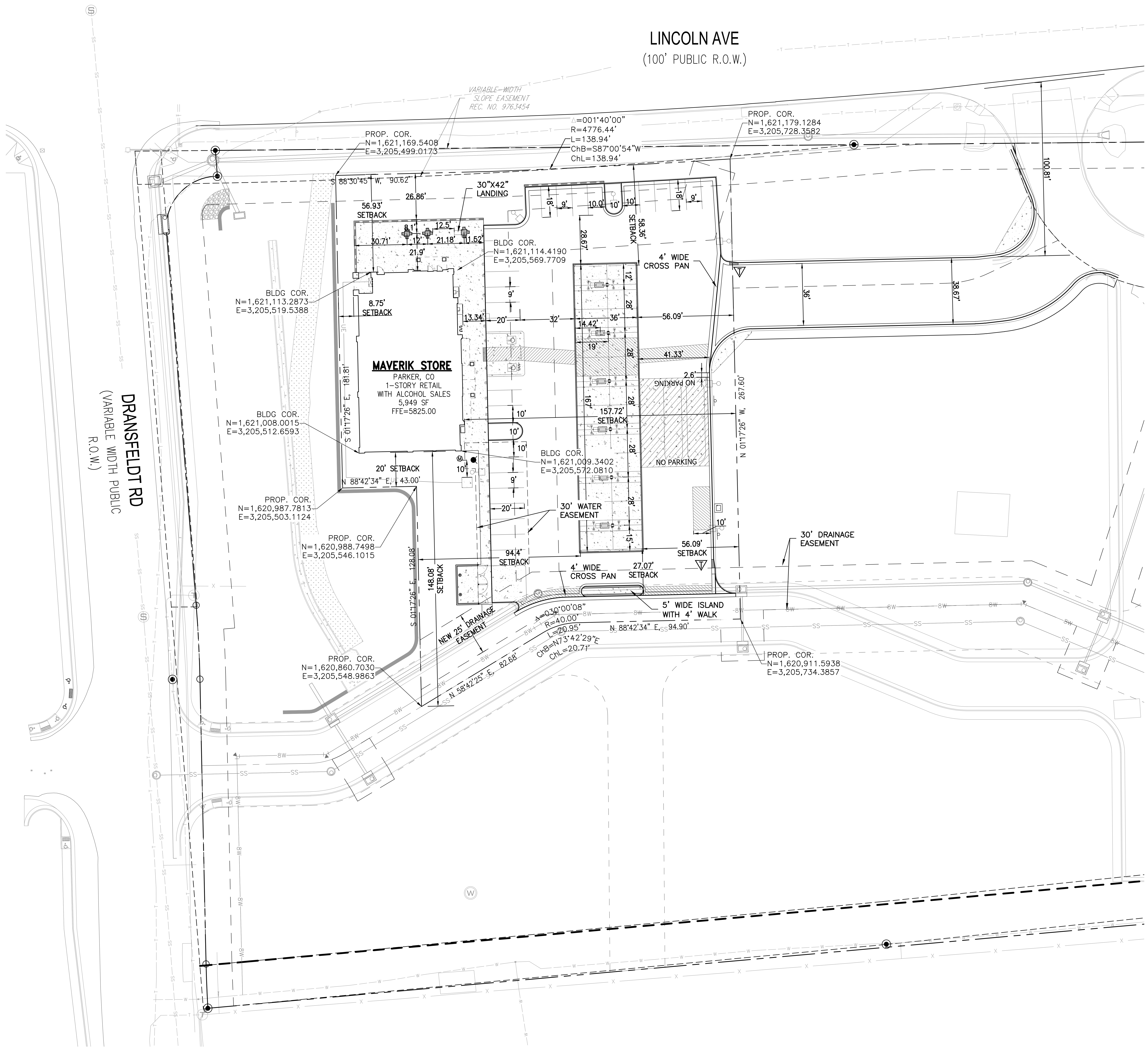
LINCOLN AVE
(100' PUBLIC R.O.W.)
DRANSFELDT RD
(VARIABLE WIDTH PUBLIC R.O.W.)
VARIABLE-WIDTH SLOPE EASEMENT REC. NO. 9763454
PROP. COR. N=1,621,169.5408 E=3,205,499.0173
Δ=001°40'00" R=4776.44' L=138.94' ChB=S87°00'54"W ChL=138.94'
PROP. COR. N=1,621,179.1284 E=3,205,728.3582
S 88°30'45" W, 90.62'
30"X42" LANDING
26.86'
56.93' SETBACK
8.1'
12.5'
12'
30.71'
21.18'
1.52'
21.9'
BLDG COR. N=1,621,114.4190 E=3,205,569.7709
18'
9'
10.0'
10'
10'
18'
9'
28.67'
58.36' SETBACK
4' WIDE CROSS PAN
BLDG COR. N=1,621,113.2873 E=3,205,519.5388
8.75' SETBACK
9'
13.34'
20'
32'
14.42'
36'
56.09'
12'
28'
19'
28'
41.33'
2.6'
NO PARKING
36'
38.67'
100.81'
MAVERIK STORE
PARKER, CO
1-STORY RETAIL
WITH ALCOHOL SALES
5,949 SF
FFE=5825.00
S 01°17'26" E, 181.81'
BLDG COR. N=1,621,008.0015 E=3,205,512.6593
167'
157.72' SETBACK
10'
10'
10'
28'
N 01°17'26" W, 267.60'
BLDG COR. N=1,621,009.3402 E=3,205,572.0810
NO PARKING
20' SETBACK
10'
9'
N 88°42'34" E, 43.00'
PROP. COR. N=1,620,987.7813 E=3,205,503.1124
20'
30' WATER EASEMENT
28'
10'
PROP. COR. N=1,620,988.7498 E=3,205,546.1015
15'
56.09' SETBACK
30' DRAINAGE EASEMENT
94.4' SETBACK
S 01°17'26" E, 128.08'
148.08' SETBACK
4' WIDE CROSS PAN
27.07' SETBACK
5' WIDE ISLAND WITH 4' WALK
NEW 25' DRAINAGE EASEMENT
Δ=030°00'08" R=40.00' L=20.95' ChB=N73°42'29"E ChL=20.71'
N 88°42'34" E, 94.90'
N 58°42'25" E, 82.68'
PROP. COR. N=1,620,860.7030 E=3,205,548.9863
PROP. COR. N=1,620,911.5938 E=3,205,734.3857
8W
SS
W
S

LEGEND:

NEW CEMENT CONCRETE	▭
NEW MOUNTABLE CURB	═
NEW CATCH/SPILL CURB AND GUTTER	═
CURB & GUTTER TRANSITION	▽
NEW RETAINING WALL	▬
PEDESTRIAN/ADA ACCESS ROUTE NOT TO EXCEED 4.5% RUNNING SLOPE AND 1.5% CROSS SLOPE	— — → — —
ADA COMPLIANT AREA NOT TO EXCEED 1.5% IN ANY DIRECTION (NO STRIPING)	▨

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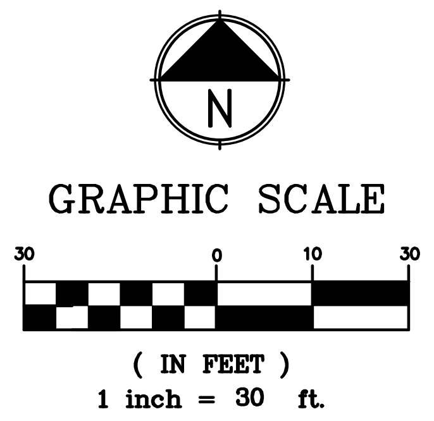
N
GRAPHIC SCALE
30
0
10
30
(IN FEET)
1 inch = 30 ft.

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PARKER, CO
SITE PLAN

DCI ENGINEERS
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DENVER, COLORADO 80202
PHONE: (720) 439-4700
WEBSITE: www.dci-engineers.com
CIVIL / STRUCTURAL

HORIZONTAL CONTROL PLAN

Plot Date: 2023-03-10 File Location: O:\1200-Denver\DCI-Civil\Projects\2021\21122-0001 Maverik Lincoln and Dransfeldt\21-122-0001SITE.dwg

LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
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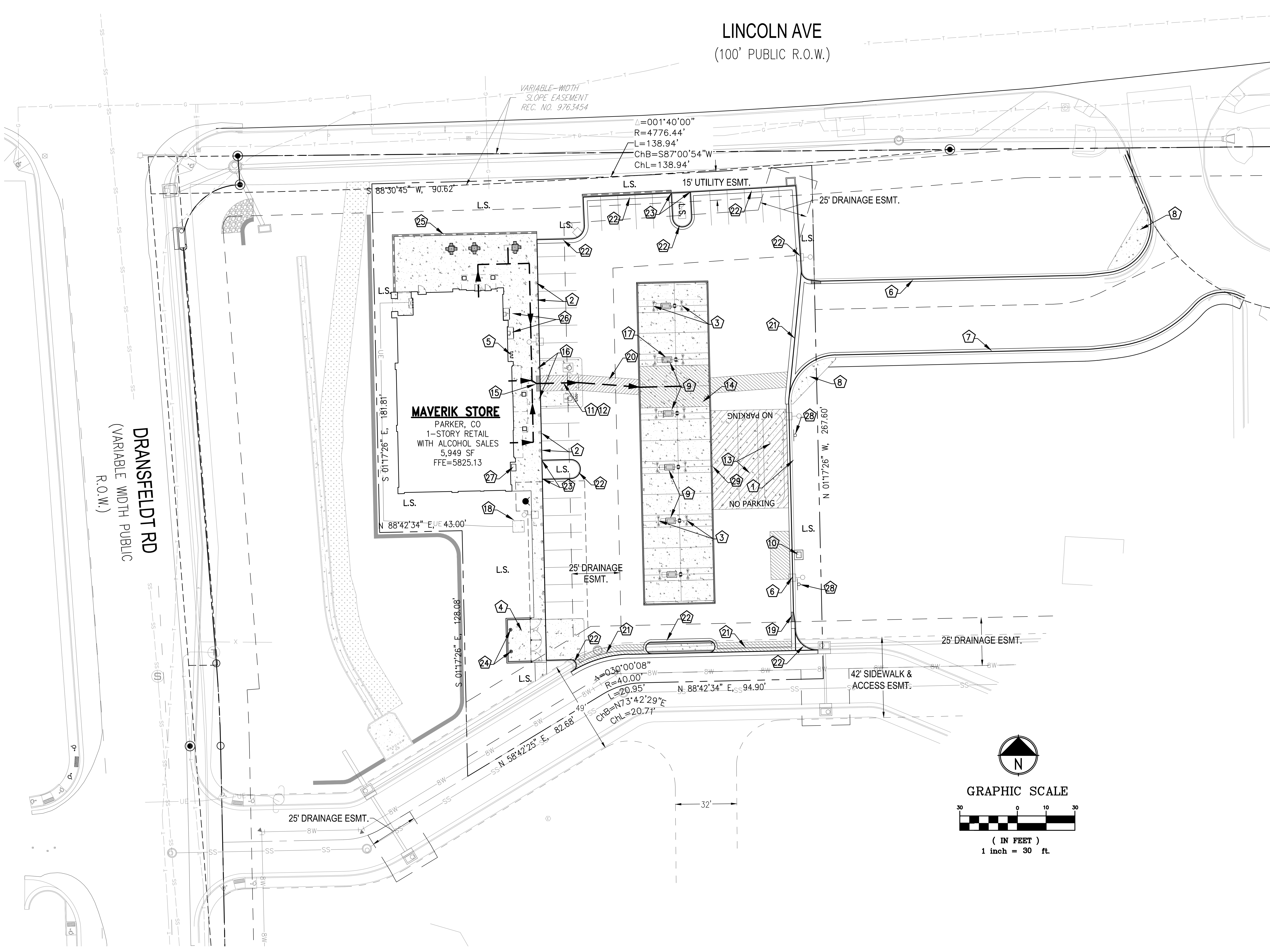
LINCOLN AVE
(100' PUBLIC R.O.W.)
VARIABLE-WIDTH SLOPE EASEMENT REC. NO. 9763454
Δ=001°40'00"
R=4776.44'
L=138.94'
ChB=S87°00'54"W
ChL=138.94'
S 88°30'45" W, 90.62'
15' UTILITY ESMT.
25' DRAINAGE ESMT.
L.S.
MAVERIK STORE
PARKER, CO
1-STORY RETAIL
WITH ALCOHOL SALES
5,949 SF
FFE=5825.13
S 01°17'26" E, 181.81'
N 88°42'34" E, 43.00'
S 01°17'26" E, 128.08'
N 01°17'26" W, 267.60'
NO PARKING
25' DRAINAGE ESMT.
25' DRAINAGE ESMT.
42' SIDEWALK & ACCESS ESMT.
Δ=030°00'08"
R=40.00'
L=20.95'
ChB=N73°42'29"E
ChL=20.71'
N 88°42'34" E, 94.90'
N 58°42'25" E, 82.68'
32'
25' DRAINAGE ESMT.
DRANSFELDT RD
(VARIABLE WIDTH PUBLIC R.O.W.)
N
GRAPHIC SCALE
30 0 10 30
(IN FEET)
1 inch = 30 ft.
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
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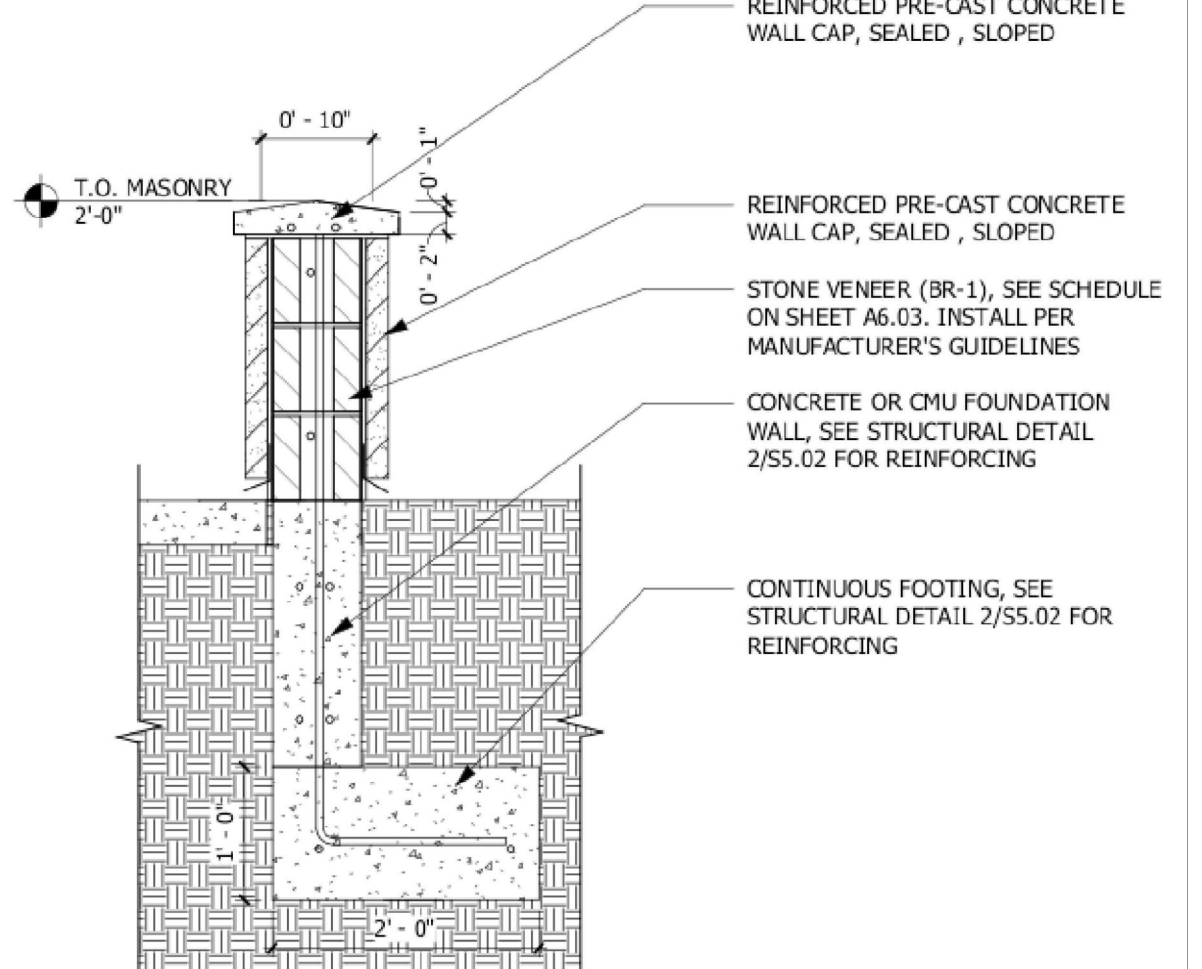
22
23
24
25
26
27
28
29

KEYED NOTES:

1. NEW LIGHT POLE AND BASE PER MAVERIK STANDARD DETAIL SF-7, SHEET 9
2. NEW REBOUNDING BOLLARDS IN FRONT OF EACH PARKING SPACE ALONG THE FACE OF BUILDING PER MAVERIK STANDARD DETAIL SF-5, SHEET 9
3. NEW HOOP BOLLARDS PER MAVERIK STANDARD DETAIL SF-2, SHEET 9
4. NEW TRASH ENCLOSURE PER ARCHITECTURAL PLANS AND INTERIOR PAD IS PER STRUCTURAL PLANS.
5. NEW HI-ROLLER BIKE RACK PER MAVERIK STANDARD DETAIL SF-9, SHEET 10
6. NEW CATCH CURB AND GUTTER PER MAVERIK STANDARD DETAIL C-8, SHEET 8
7. NEW SPILL CURB AND GUTTER PER MAVERIK STANDARD DETAIL C-9, SHEET 8
8. NEW RUNOUT PAD AND MOUNTABLE CURB PER MAVERIK STANDARD DETAIL C-10, SHEET 8
9. NEW FUEL DISPENSER BASE PER MAVERIK STANDARD DETAIL SF-8, SHEET 10
10. NEW XACTAIR STATION FOUNDATION PER MAVERIK STANDARD DETAIL SF-10, SHEET 10
11. NEW ADA PARKING PER MAVERIK STANDARD DETAIL SF-12, SHEET 10
12. PAINTED ADA PARKING SYMBOL PER MAVERIK STANDARD DETAIL SF-13, SHEET 10 (MAX. SLOPES OF 2%)
13. NEW UNDERGROUND STORAGE TANKS. TANK PAD AND HOLE DIMENSIONS PER FUELING PLANS.
14. NEW FUEL CANOPY AND FUEL DISPENSERS – STACKED FORECOURT PER ARCHITECTURAL PLANS
15. NEW TRUNCATED DOMES WITH REBOUNDING BOLLARD CENTERED IN PAD.
16. ADA ADJUSTABLE SIGNAGE SLEEVE IN BOLLARD
17. ADA FUEL DESPENSER WITH SIGN
18. NEW CONCRETE PAD FOR ELECTRICAL TRANSFORMER
19. 5 FOOT CURB TRANSITION FROM MOUNTABLE TO VERTICAL CURB
20. ADA PATH TO ADA ACCESSIBLE FUEL PUMP (MAX. SLOPES OF 1.5%)
21. NEW 4' WIDE CONCRETE VALLEY GUTTER PER DETAIL 3, SHEET 8
22. NEW MOUNTABLE CURB PER MAVERIK STANDARD DETAIL C-10, SHEET 8
23. TRANSITION CURB TO FLUSH CURB AT SIDEWALK
24. 6" PIPE BOLLARD FOR EACH DUMPSTER
25. 18" TALL DECORATIVE PROTECTIVE WALL, FINISH CMU OR CAST STONE TO MATCH EXTERIOR STONE ON BUILDING. SEE DETAIL THIS SHEET.
26. NEW ICE STORAGE
27. NEW PROPANE CAGES
28. "NO PARKING–FIRE LANE" SIGN
29. FUEL TRENCH WIDTH AND ROUTE ARE PER FUELING PLANS

Sample color of stone veneer (BR-1).
Which matches the stone on the building.


REINFORCED PRE-CAST CONCRETE WALL CAP, SEALED , SLOPED
0' - 10"
T.O. MASONRY
2'-0"
0' - 1"
0' - 2"
REINFORCED PRE-CAST CONCRETE WALL CAP, SEALED , SLOPED
STONE VENEER (BR-1), SEE SCHEDULE ON SHEET A6.03. INSTALL PER MANUFACTURER'S GUIDELINES
CONCRETE OR CMU FOUNDATION WALL, SEE STRUCTURAL DETAIL 2/S5.02 FOR REINFORCING
CONTINUOUS FOOTING, SEE STRUCTURAL DETAIL 2/S5.02 FOR REINFORCING
1' - 0"
2' - 0"

DECORATIVE PATIO WALL DETAIL

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SITE PLAN

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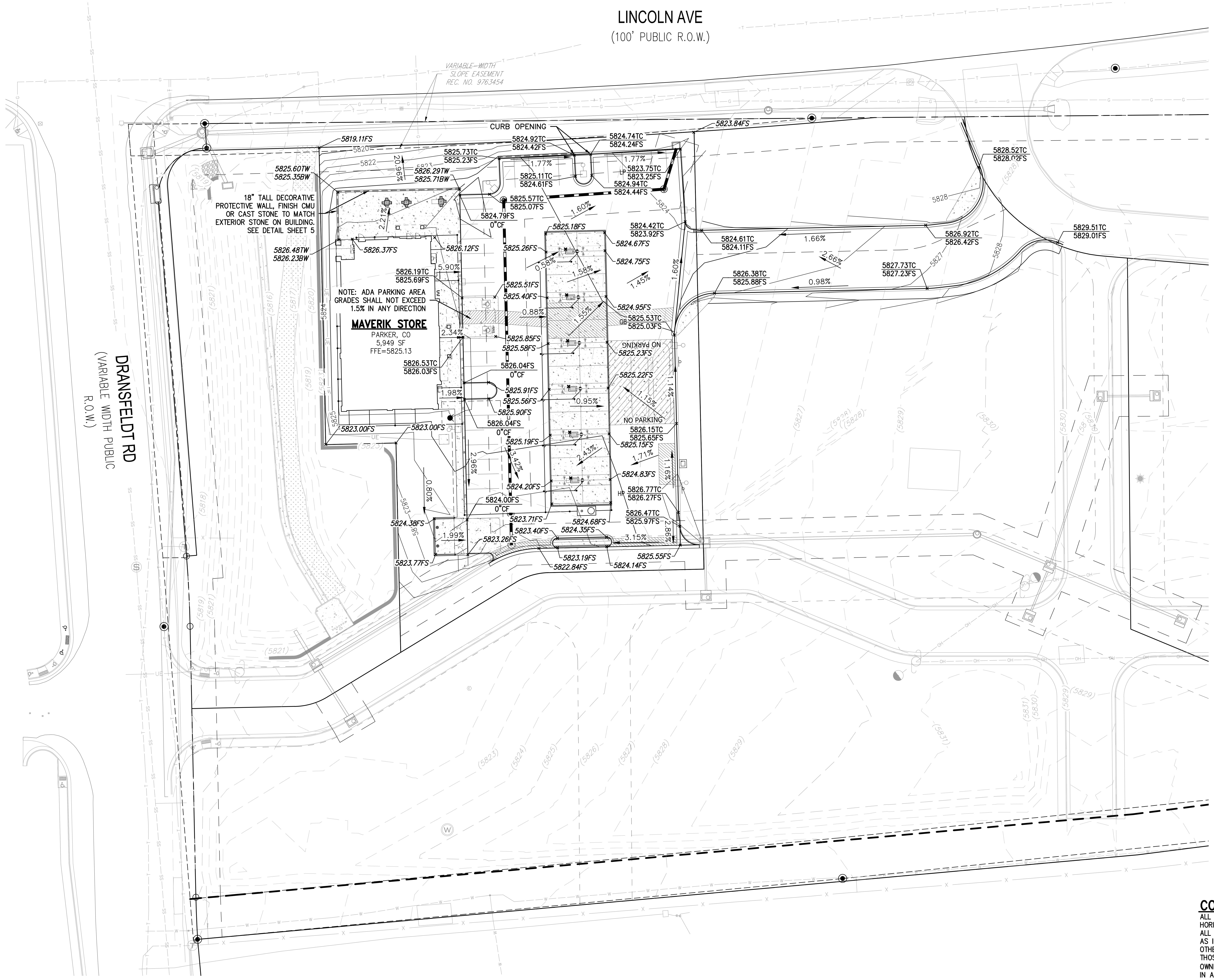
LINCOLN AVE
(100' PUBLIC R.O.W.)
VARIABLE-WIDTH SLOPE EASEMENT REC. NO. 9763454
DRANSFELDT RD
(VARIABLE WIDTH PUBLIC R.O.W.)
CURB OPENING
5819.11FS
5825.73TC
5825.23FS
5824.92TC
5824.42FS
5824.74TC
5824.24FS
5823.84FS
5825.60TW
5825.35BW
5826.29TW
5825.71BW
20.96%
1.77%
1.77%
5825.11TC
5824.61FS
5823.75TC
5823.25FS
5824.94TC
5824.44FS
18" TALL DECORATIVE PROTECTIVE WALL, FINISH CMU OR CAST STONE TO MATCH EXTERIOR STONE ON BUILDING. SEE DETAIL SHEET 5
5825.57TC
5825.07FS
5824.79FS
0"CF
2.21%
1.60%
5825.18FS
5824.42TC
5823.92FS
5824.67FS
5826.48TW
5826.23BW
5826.37FS
5826.12FS
5825.26FS
0.58%
1.58%
5824.75FS
1.45%
5826.19TC
5825.69FS
5.90%
5825.51FS
5825.40FS
NOTE: ADA PARKING AREA GRADES SHALL NOT EXCEED 1.5% IN ANY DIRECTION
MAVERIK STORE
PARKER, CO
5,949 SF
FFE=5825.13
0.88%
1.55%
5824.95FS
5825.53TC
5825.03FS
2.34%
5825.85FS
5825.58FS
NO PARKING
5825.23FS
5826.53TC
5826.03FS
5826.04FS
0"CF
5825.22FS
1.98%
5825.91FS
5825.56FS
0.95%
1.15%
1.14%
5825.90FS
5826.04FS
0"CF
NO PARKING
5826.15TC
5825.65FS
5823.00FS
5823.00FS
5825.19FS
5825.15FS
2.43%
1.71%
2.96%
3.42%
1.16%
5824.83FS
0.80%
5824.20FS
5826.77TC
5826.27FS
5824.00FS
0"CF
5826.47TC
5825.97FS
5824.38FS
5823.71FS
5824.68FS
5823.40FS
5824.35FS
1.99%
5823.26FS
3.15%
2.86%
5823.77FS
5823.19FS
5822.84FS
5824.14FS
5825.55FS
5828.52TC
5828.02FS
5824.61TC
5824.11FS
1.66%
5826.92TC
5826.42FS
5829.51TC
5829.01FS
2.66%
5827.73TC
5827.23FS
5826.38TC
5825.88FS
0.98%
5822
5820
5824
5825
5827
5828
(5821)
(5816)
(5820)
(5819)
(5818)
(5823)
(5824)
(5825)
(5826)
(5827)
(5828)
(5829)
(5830)
(5831)

VERTICAL DATUM/BENCHMARK:

BENCHMARK IS THE NW CORNER SECTION 15, T6S S R66W, BEING A 3.5" ALUMINUM CAP LS 19003 1999 IN RANGE BOX,

ELEVATION=5806.79' NAVD 88.

N

GRAPHIC SCALE

30 0 10 30

(IN FEET)
1 inch = 30 ft.

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5	12-08-22	CITY REVIEW
6	1-09-23	CITY REVIEW
7	3-10-23	CITY REVIEW

NOTE:
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MAVERIK INC. STORE
LINCOLN AVE. AND DRANSFELDT RD.
PARKER, CO
SITE PLAN

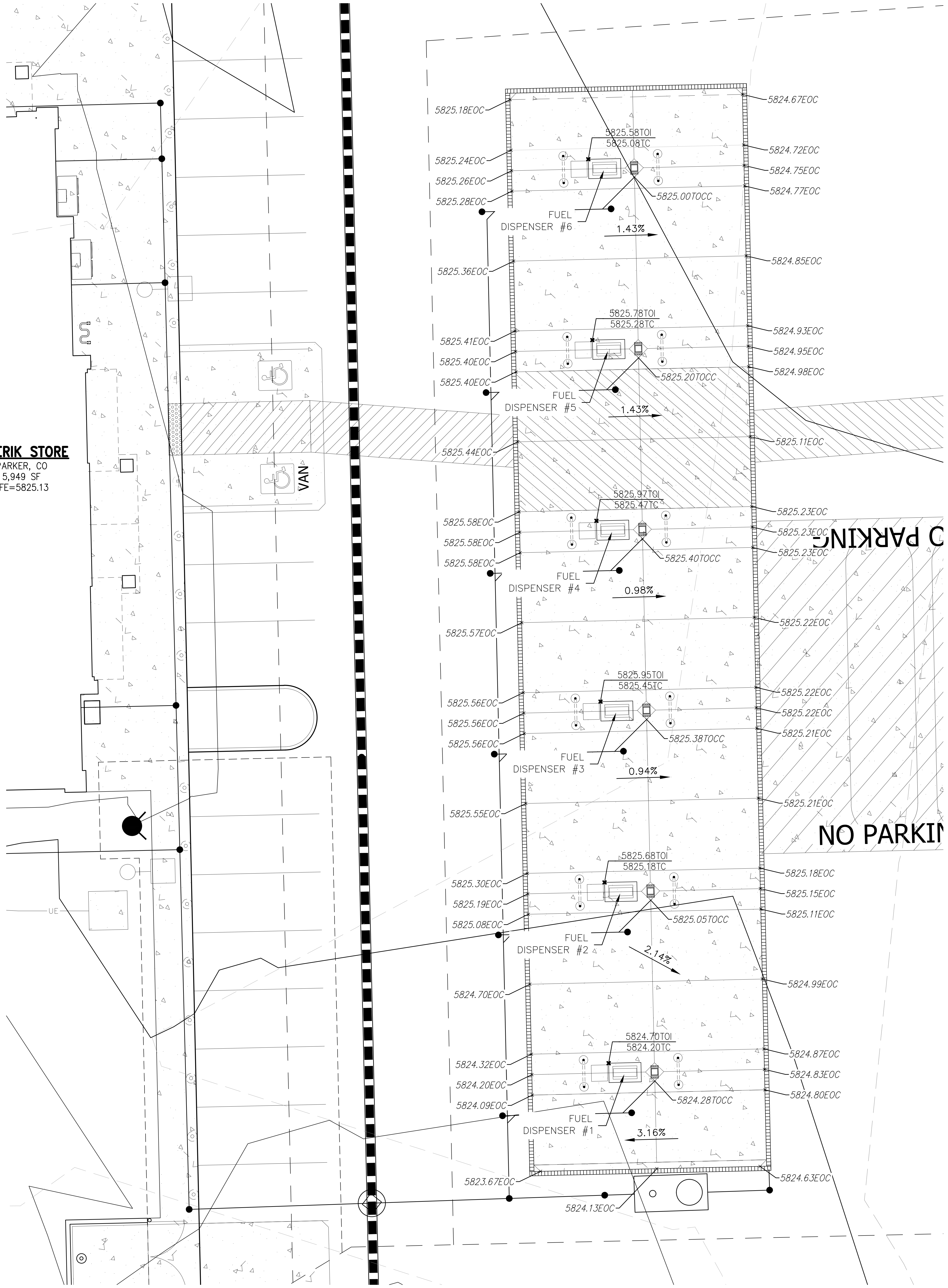
DCI ENGINEERS
1331 17TH STREET • SUITE 605
DENVER, COLORADO 80202
PHONE: (720) 439-4700
WEBSITE: www.dci-engineers.com
CIVIL / STRUCTURAL

GRADING PLAN

Plot Date: 2023-03-10 File Location: O:\1200-Denver\DCI-Civil\Projects\2021\21122-0001 Maverik Lincoln and Dransfeldt\21-122-0001SITE.dwg

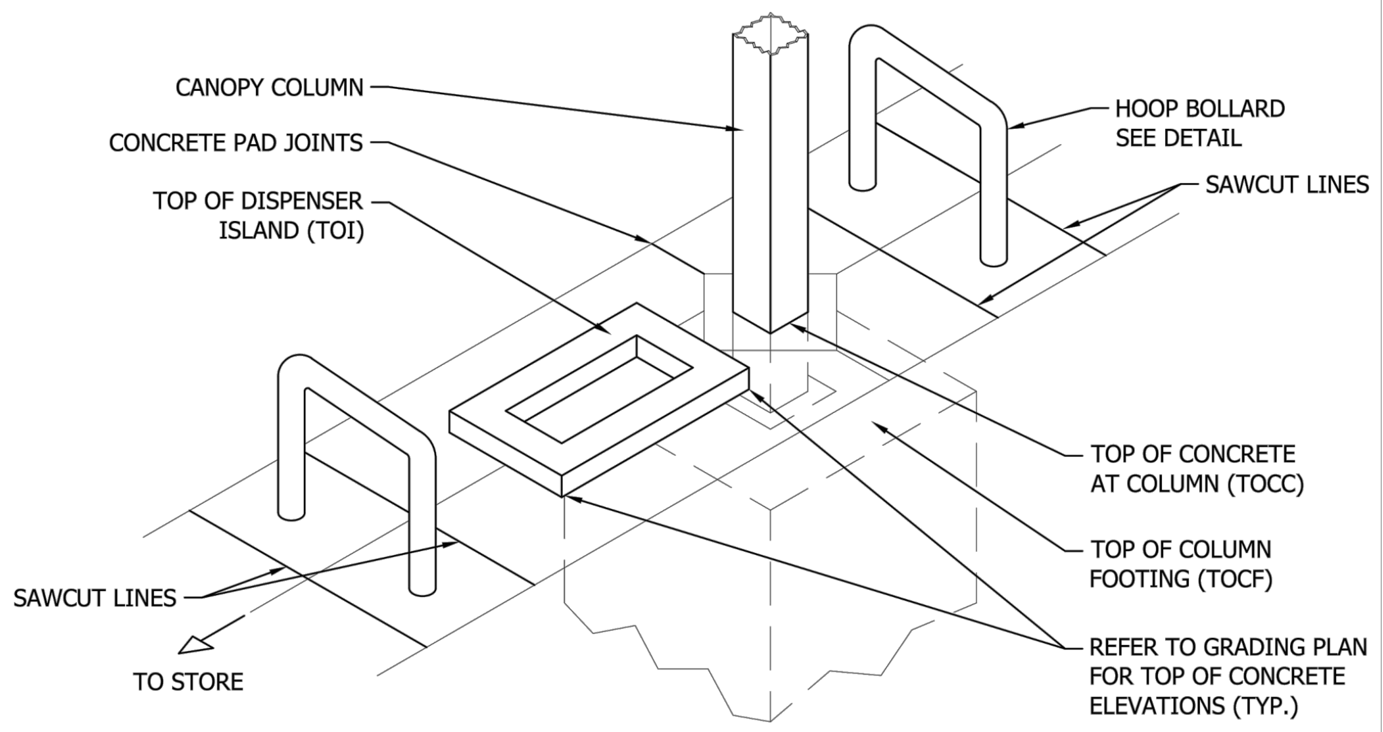
LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

SITUATED IN THE NORTHWEST $\frac{1}{4}$ OF SECTIOON 15,
TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO


MAVERIK STORE
PARKER, CO
5,949 SF
FFE=5825.13
VAN
UE
5825.18EOC
5824.67EOC
5825.58TOI
5825.08TC
5825.24EOC
5825.26EOC
5825.28EOC
5824.72EOC
5824.75EOC
5824.77EOC
5825.00TOCC
FUEL DISPENSER #6
1.43%
5825.36EOC
5824.85EOC
5825.78TOI
5825.28TC
5825.41EOC
5825.40EOC
5825.40EOC
5824.93EOC
5824.95EOC
5824.98EOC
5825.20TOCC
FUEL DISPENSER #5
1.43%
5825.44EOC
5825.11EOC
5825.97TOI
5825.47TC
5825.58EOC
5825.58EOC
5825.58EOC
5825.23EOC
5825.23EOC
5825.23EOC
5825.40TOCC
FUEL DISPENSER #4
0.98%
PARKING
5825.57EOC
5825.22EOC
5825.95TOI
5825.45TC
5825.56EOC
5825.56EOC
5825.56EOC
5825.22EOC
5825.22EOC
5825.21EOC
5825.38TOCC
FUEL DISPENSER #3
0.94%
5825.55EOC
5825.21EOC
NO PARKI
5825.68TOI
5825.18TC
5825.30EOC
5825.19EOC
5825.08EOC
5825.18EOC
5825.15EOC
5825.11EOC
5825.05TOCC
FUEL DISPENSER #2
2.14%
5824.70EOC
5824.99EOC
5824.70TOI
5824.20TC
5824.32EOC
5824.20EOC
5824.09EOC
5824.87EOC
5824.83EOC
5824.80EOC
5824.28TOCC
FUEL DISPENSER #1
3.16%
5823.67EOC
5824.63EOC
5824.13EOC

FUEL DISPENSER ELEVATIONS

FUEL DISPENSER	TOP OF ISLAND	T.O.C. @ COLUMN	TOP OF COL. FTG.
#1	5823.53	5823.08	NOTE: TOP OF CONCRETE TO TOP OF COLUMN FOOTING SEPARATION IS 36" MINIMUM. SEE SITE SPECIFIC CANOPY STRUCTURAL DESIGN PLANS.
#2	5824.45	5823.82	
#3	5824.70	5824.13	
#4	5824.64	5824.08	
#5	5824.47	5823.88	


CANOPY COLUMN
CONCRETE PAD JOINTS
TOP OF DISPENSER ISLAND (TOI)
HOOP BOLLARD SEE DETAIL
SAWCUT LINES
TOP OF CONCRETE AT COLUMN (TOCC)
TOP OF COLUMN FOOTING (TOCF)
REFER TO GRADING PLAN FOR TOP OF CONCRETE ELEVATIONS (TYP.)
SAWCUT LINES
TO STORE

NOTES:
1. TOP OF CONCRETE TO TOP OF SPOT & SPREAD FOOTING SEPARATION IS 36"
2. 6" RAISED VERTICAL CONCRETE ISLAND WITH 1 $\frac{1}{2}$ -INCH TOOLED EDGES AND CORNERS TO BE POURED FIRST 5'-0" x 3'-0" CONCRETE ISLAND (NO METAL FORM - VERIFY SIZE WITH DISPENSER MANUFACTURER)
3. AFTER THE 5'-0" - 3'-0" FUEL ISLAND HAS BEEN POURED, SLOPE CONCRETE AWAY FROM ISLAND IN ALL (4) DIRECTIONS
4. EVERY OTHER DISPENSER TO BE EQUIPPED WITH A FIRE EXTINGUISHER

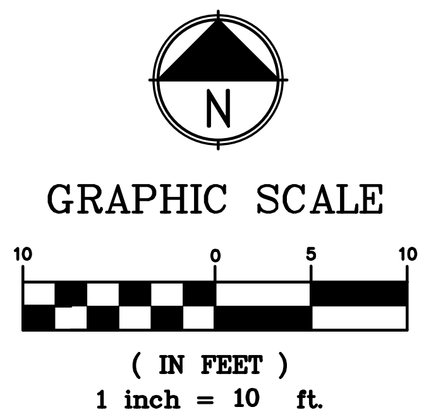
Detail:	
FUEL DISPENSER BASE	SCALE: NTS DETAIL NO: **SF-8**

MAVERIK
Standards Issue: 22_02
185 S. State Street
Salt Lake City, Utah 84111

VERTICAL DATUM/BENCHMARK:

BENCHMARK IS THE NW CORNER SECTION 15, T6S S R66W, BEING A 3.5" ALUMINUM CAP LS 19003 1999 IN RANGE BOX,

ELEVATION=5806.79' NAVD 88.


N
GRAPHIC SCALE
10
0
5
10
(IN FEET)
1 inch = 10 ft.

CONTRACTOR NOTE:

ALL EXISTING UTILITIES SHOWN ON PLANS ARE TO BE VERIFIED HORIZONTALLY AND VERTICALLY PRIOR TO ANY CONSTRUCTION. ALL EXISTING FEATURES INCLUDING BURIED UTILITIES ARE SHOWN AS INDICATED ON RECORD MAPS AND SURVEYS FURNISHED BY OTHERS. WE ASSUME NO LIABILITY FOR THE ACCURACY OF THOSE RECORDS AND SURVEYS. CONTACT THE UTILITY OWNER/AGENCY FOR THE FINAL LOCATION OF EXISTING UTILITIES IN AREAS CRITICAL TO CONSTRUCTION.

COLORADO 811
KNOW WHAT'S BELOW. CALL BEFORE YOU DIG.

Plot Date: 2023-03-10
File Location: O:\1200-Denver\DCI-Civil\Projects\2021\21122-0001 Maverik Lincoln and Dransfeldt\21-122-0001SITE.dwg

PROJECT NUMBER
21-122-0001

ISSUE DATE:
March 10, 2023

REVISIONS:

No.	Date	Description
1	5-24-22	CITY REVIEW
2	7-13-22	CITY REVIEW
3	10-19-22	CITY REVIEW
4	10-26-22	CITY REVIEW
5	12-08-22	CITY REVIEW
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MAVERIK

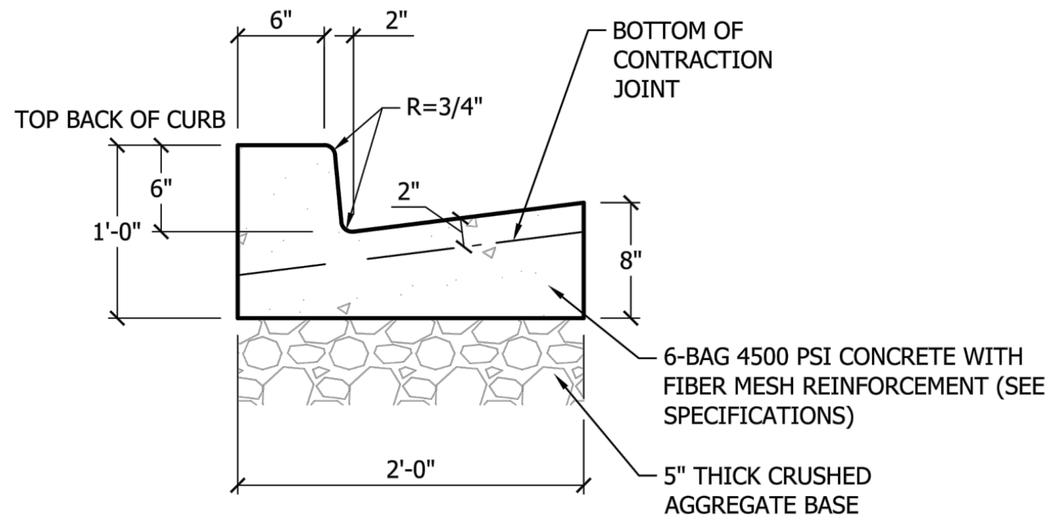
MAVERIK INC. STORE
LINCOLN AVE. AND DRANSFELDT RD.
PARKER, CO
SITE PLAN

DCI ENGINEERS
1331 17TH STREET • SUITE 605
DENVER, COLORADO 80202
PHONE: (720) 439-4700
WEBSITE: www.dci-engineers.com
CIVIL / STRUCTURAL

FUEL AREA GRADING DETAIL

LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

SITUATED IN THE NORTHWEST $\frac{1}{4}$ OF SECTIOON 15,
TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

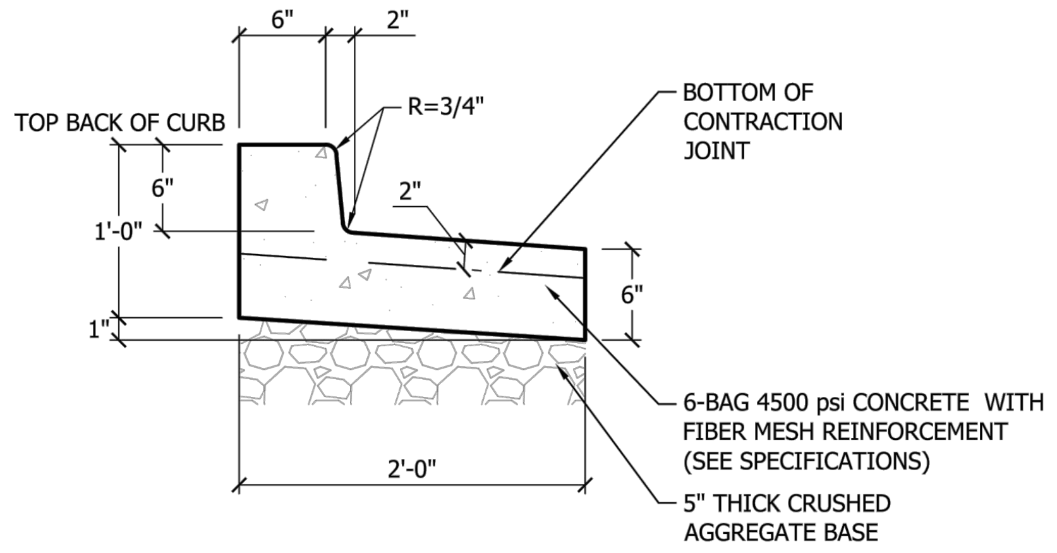

6"
2"
R=3/4"
TOP BACK OF CURB
6"
1'-0"
2"
8"
BOTTOM OF CONTRACTION JOINT
6-BAG 4500 PSI CONCRETE WITH FIBER MESH REINFORCEMENT (SEE SPECIFICATIONS)
2'-0"
5" THICK CRUSHED AGGREGATE BASE

CONCRETE CURB AND GUTTER SECTION & INSTALLATION NOTE:
1. MAVERIK TYPICAL CONCRETE CURB AND GUTTER SECTION PROVIDED AS A MINIMUM STANDARD FOR INSTALLATION. CONTRACTOR TO REFER TO SITE SPECIFIC GEOTECHNICAL REPORT CONCRETE SECTION RECOMMENDATION AND INSTALL MOST STRINGENT. CONTRACTOR TO COMPLY WITH ALL SUBBASE PREPARATION REQUIREMENTS AS NOTED WITHIN SITE SPECIFIC GEOTECHNICAL REPORT.
2. ADD EXPANSION JOINTS EVERY ±25 FEET ALONG CURB.
SEE TYPICAL ON-SITE CONCRETE JOINT DETAIL.
SEE SITE SPECIFICATIONS

Detail:
ON-SITE CATCH TYPE CURB & GUTTER

SCALE: NTS
DETAIL NO: **C-8**

MAVERIK
Standards Issue: 22_02
185 S. State Street
Salt Lake City, Utah 84111


6"
2"
R=3/4"
TOP BACK OF CURB
6"
1'-0"
2"
1"
6"
BOTTOM OF CONTRACTION JOINT
6-BAG 4500 psi CONCRETE WITH FIBER MESH REINFORCEMENT (SEE SPECIFICATIONS)
2'-0"
5" THICK CRUSHED AGGREGATE BASE

CONCRETE CURB AND GUTTER SECTION & INSTALLATION NOTE:
1. MAVERIK TYPICAL CONCRETE CURB AND GUTTER SECTION PROVIDED AS A MINIMUM STANDARD FOR INSTALLATION. CONTRACTOR TO REFER TO SITE SPECIFIC GEOTECHNICAL REPORT CONCRETE SECTION RECOMMENDATION AND INSTALL MOST STRINGENT. CONTRACTOR TO COMPLY WITH ALL SUBBASE PREPARATION REQUIREMENTS AS NOTED WITHIN SITE SPECIFIC GEOTECHNICAL REPORT.
2. ADD EXPANSION JOINTS EVERY ±25 FEET ALONG CURB.
SEE TYPICAL ON-SITE CONCRETE JOINT DETAIL.
SEE SITE SPECIFICATIONS

Detail:
ON-SITE SPILL TYPE CURB & GUTTER

SCALE: NTS
DETAIL NO: **C-9**

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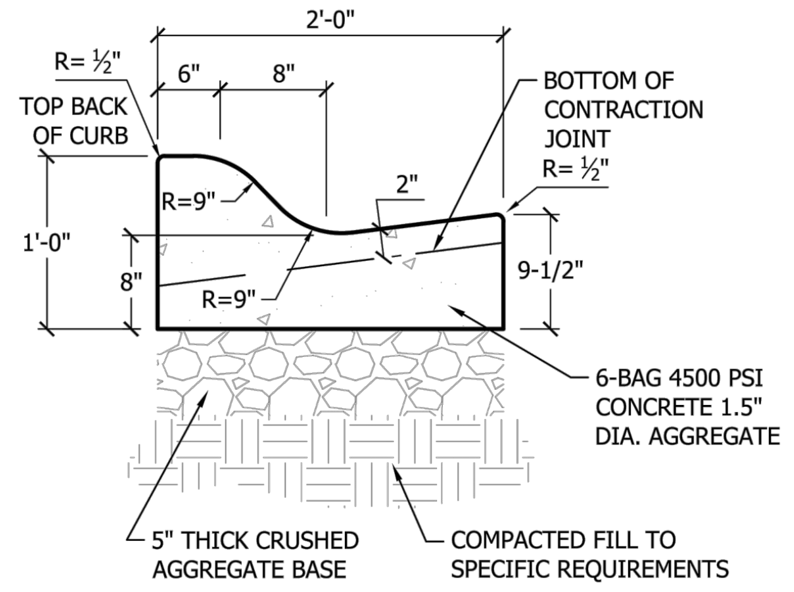
2'-0"
R= ½"
6"
8"
TOP BACK OF CURB
BOTTOM OF CONTRACTION JOINT
R= ½"
R=9"
2"
1'-0"
8"
R=9"
9-1/2"
6-BAG 4500 PSI CONCRETE 1.5" DIA. AGGREGATE
5" THICK CRUSHED AGGREGATE BASE
COMPACTED FILL TO SPECIFIC REQUIREMENTS

CONCRETE CURB AND GUTTER SECTION & INSTALLATION NOTE:
1. MAVERIK TYPICAL CONCRETE CURB AND GUTTER SECTION PROVIDED AS A MINIMUM STANDARD FOR INSTALLATION. CONTRACTOR TO REFER TO SITE SPECIFIC GEOTECHNICAL REPORT CONCRETE SECTION RECOMMENDATION AND INSTALL MOST STRINGENT. CONTRACTOR TO COMPLY WITH ALL SUBBASE PREPARATION REQUIREMENTS AS NOTED WITHIN SITE SPECIFIC GEOTECHNICAL REPORT.
2. ADD EXPANSION JOINTS EVERY ±25 FEET ALONG CURB.
SEE TYPICAL ON-SITE CONCRETE JOINT DETAIL.
SEE SITE SPECIFICATIONS

Detail:
ON-SITE CATCH TYPE MOUNTABLE CURB & GUTTER

SCALE: NTS
DETAIL NO: **C-10**

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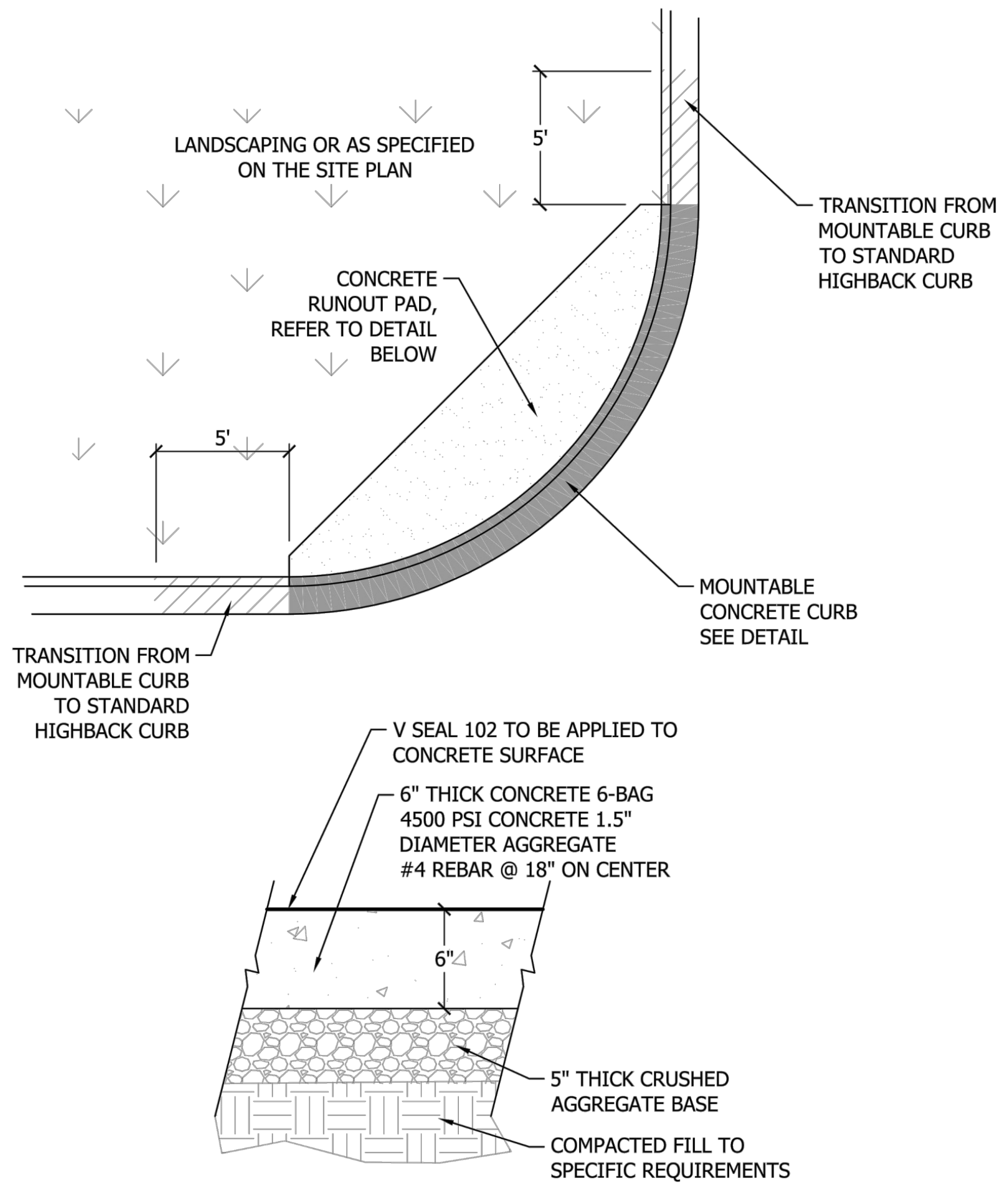
Salt Lake City, Utah 84111


LANDSCAPING OR AS SPECIFIED ON THE SITE PLAN
5'
TRANSITION FROM MOUNTABLE CURB TO STANDARD HIGHBACK CURB
CONCRETE RUNOUT PAD, REFER TO DETAIL BELOW
5'
MOUNTABLE CONCRETE CURB SEE DETAIL
TRANSITION FROM MOUNTABLE CURB TO STANDARD HIGHBACK CURB
V SEAL 102 TO BE APPLIED TO CONCRETE SURFACE
6" THICK CONCRETE 6-BAG 4500 PSI CONCRETE 1.5" DIAMETER AGGREGATE #4 REBAR @ 18" ON CENTER
6"
5" THICK CRUSHED AGGREGATE BASE
COMPACTED FILL TO SPECIFIC REQUIREMENTS

CONCRETE SECTION & INSTALLATION NOTE:
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Detail:
CONCRETE RUNOUT PAD

SCALE: NTS
DETAIL NO: **C-12**

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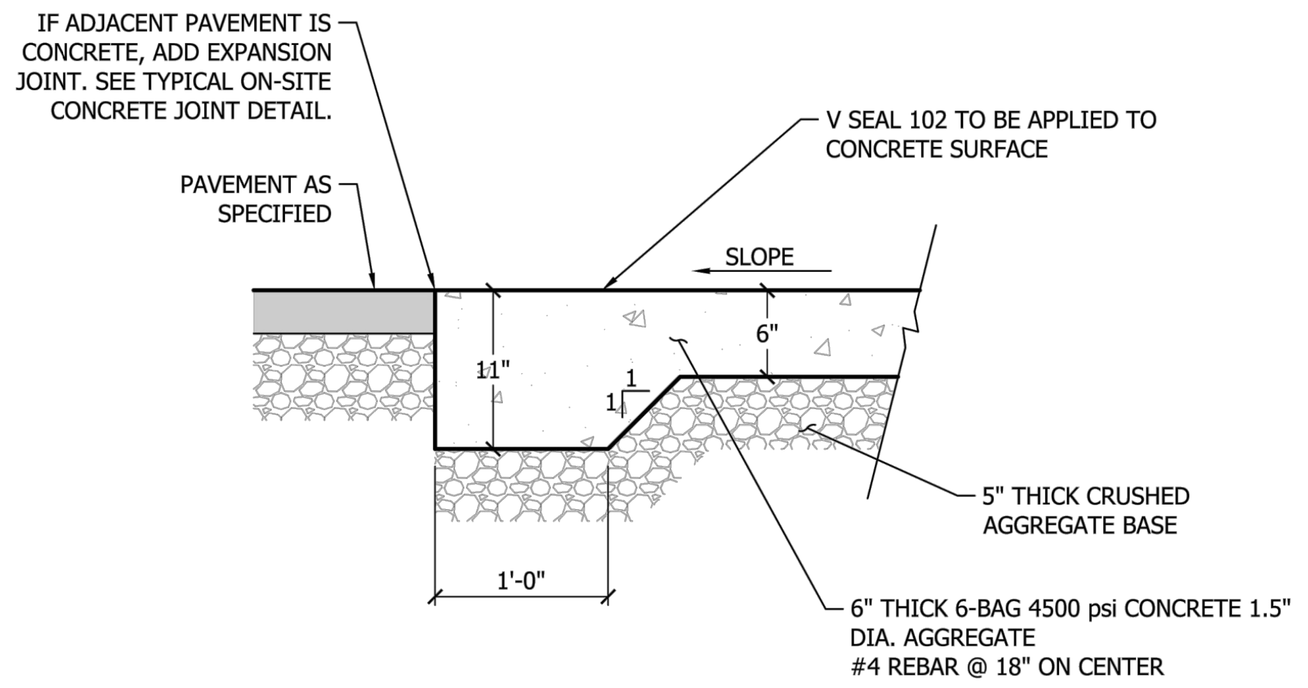

IF ADJACENT PAVEMENT IS CONCRETE, ADD EXPANSION JOINT. SEE TYPICAL ON-SITE CONCRETE JOINT DETAIL.
V SEAL 102 TO BE APPLIED TO CONCRETE SURFACE
PAVEMENT AS SPECIFIED
SLOPE
6"
11"
1
1
5" THICK CRUSHED AGGREGATE BASE
1'-0"
6" THICK 6-BAG 4500 psi CONCRETE 1.5" DIA. AGGREGATE #4 REBAR @ 18" ON CENTER

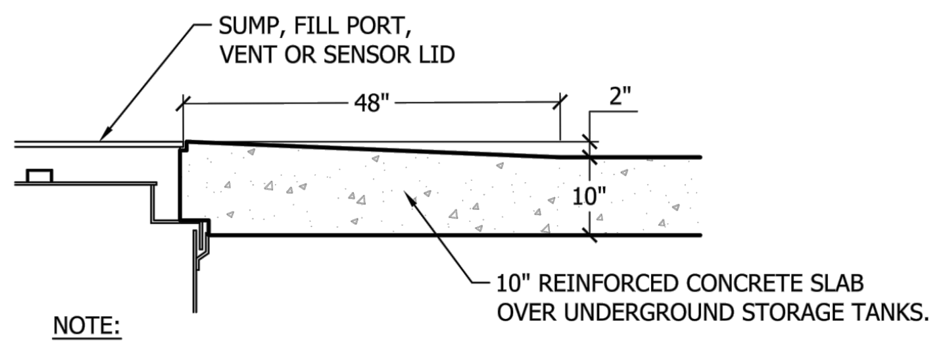
CONCRETE SECTION & INSTALLATION NOTE:
1. MAVERIK TYPICAL CONCRETE SECTION PROVIDED AS A MINIMUM STANDARD FOR INSTALLATION. CONTRACTOR TO REFER TO SITE SPECIFIC GEOTECHNICAL REPORT CONCRETE SECTION RECOMMENDATION AND INSTALL MOST STRINGENT. CONTRACTOR TO COMPLY WITH ALL SUBBASE PREPARATION REQUIREMENTS AS NOTED WITHIN SITE SPECIFIC GEOTECHNICAL REPORT.
2. THICKEN SLAB @ ALL OUTSIDE EDGES.
3. 12-INCH CHAMFER AT EACH CONCRETE CORNER.

Detail:
CONCRETE PAD UNDER FUEL CANOPY

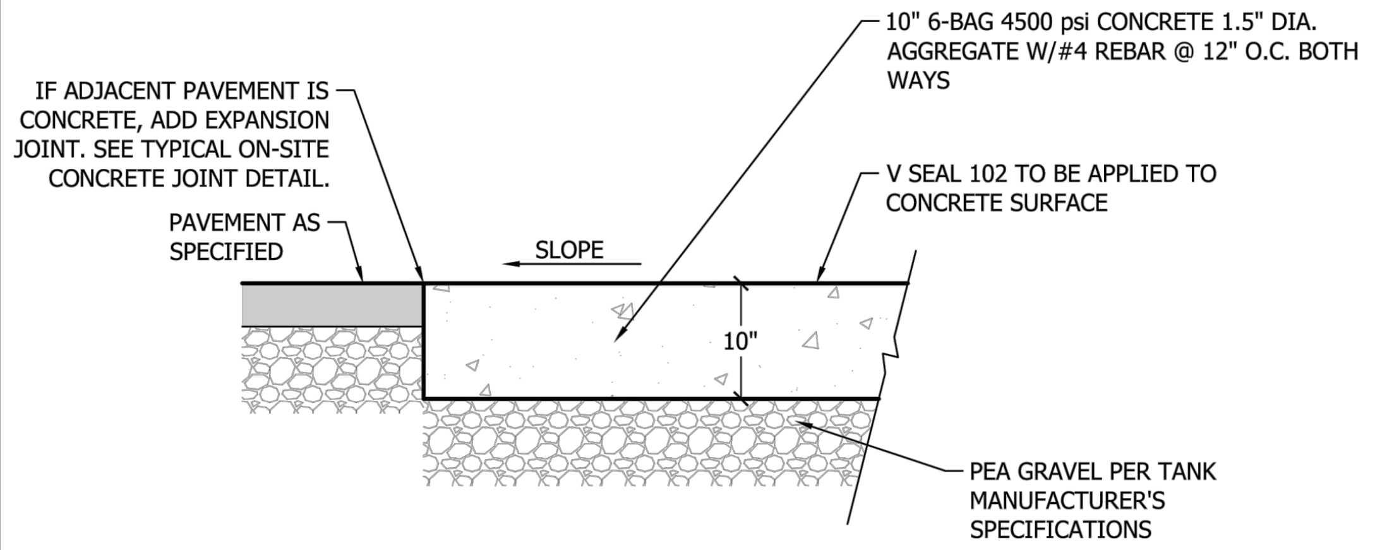
SCALE: NTS
DETAIL NO: **C-15**

MAVERIK
Standards Issue: 22_02
185 S. State Street
Salt Lake City, Utah 84111

UST LID / CONCRETE DETAIL


SUMP, FILL PORT, VENT OR SENSOR LID
48"
2"
10"
10" REINFORCED CONCRETE SLAB OVER UNDERGROUND STORAGE TANKS.

NOTE:
1. MAVERIK AND PETROLEUM REPRESENTATIVE MUST BE PRESENT AT TIME OF TANK SLAB CONCRETE POUR.


10" 6-BAG 4500 psi CONCRETE 1.5" DIA. AGGREGATE W/#4 REBAR @ 12" O.C. BOTH WAYS
IF ADJACENT PAVEMENT IS CONCRETE, ADD EXPANSION JOINT. SEE TYPICAL ON-SITE CONCRETE JOINT DETAIL.
V SEAL 102 TO BE APPLIED TO CONCRETE SURFACE
PAVEMENT AS SPECIFIED
SLOPE
10"
PEA GRAVEL PER TANK MANUFACTURER'S SPECIFICATIONS

CONCRETE SECTION & INSTALLATION NOTE:
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2. 12-INCH CHAMFER AT EACH CONCRETE CORNER.
3. PAD TO EXTEND 3-FEET MIN. BEYOND TANKS IN ALL DIRECTIONS.

Detail:
CONCRETE PAD OVER UNDERGROUND FUEL TANKS

SCALE: NTS
DETAIL NO: **C-16**

MAVERIK
Standards Issue: 22_02
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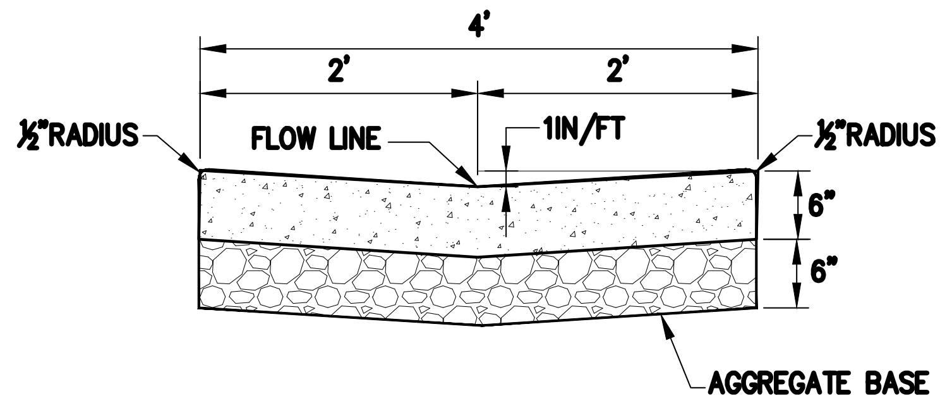
4'
2'
2'
½"RADIUS
FLOW LINE
1IN/FT
½"RADIUS
6"
6"
AGGREGATE BASE

4' WIDE CONCRETE VALLEY GUTTER

3

SCALE : NTS

PROJECT NUMBER
21-122-0001

ISSUE DATE:
March 10, 2023

REVISIONS:

No.	Date	Description
1	5-24-22	CITY REVIEW
2	7-13-22	CITY REVIEW
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7	3-10-23	CITY REVIEW

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SITE PLAN

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PHONE: (720) 439-4700
WEBSITE: www.dci-engineers.com
CIVIL / STRUCTURAL

SITE DETAILS

Plot Date: 2023-03-10 File Location: O:\1200-Denver\DCI-Civil\Projects\2021\21122-0001 Maverik Lincoln and Dransfeldt\21-122-0001SITE.dwg

LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

SITUATED IN THE NORTHWEST $\frac{1}{4}$ OF SECTIOON 15,
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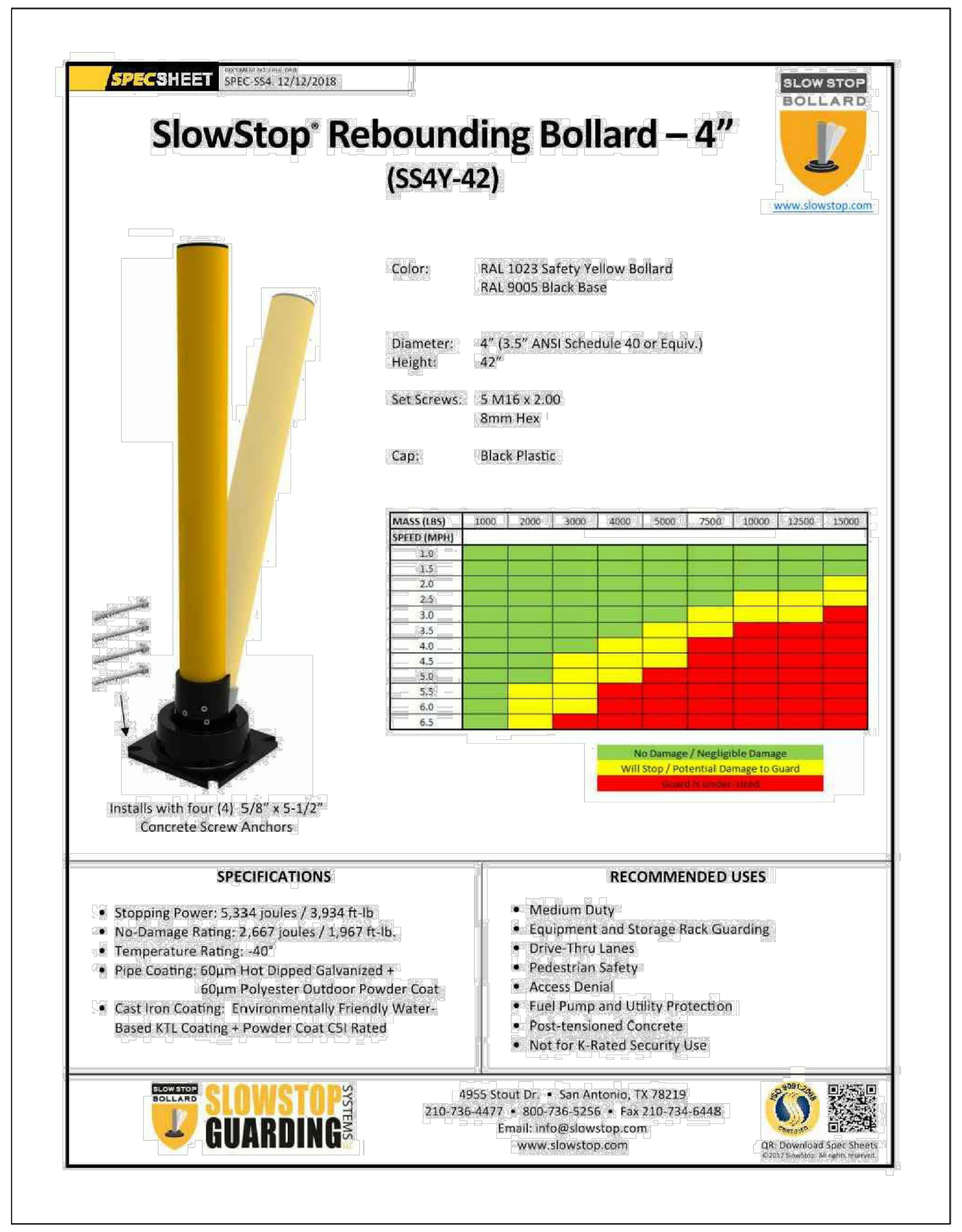

SPECSHEET SPEC-SS4 12/12/2018

SlowStop® Rebounding Bollard – 4”
(SS4Y-42)

www.slowstop.com

Color: RAL 1023 Safety Yellow Bollard
RAL 9005 Black Base

Diameter: 4” (3.5” ANSI Schedule 40 or Equiv.)
Height: 42”

Set Screws: 5 M16 x 2.00
8mm Hex

Cap: Black Plastic

MASS (LBS) / SPEED (MPH)	1000	2000	3000	4000	5000	7500	10000	12500	15000
1.0	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟩
1.5	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟩
2.0	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟩	🟨
2.5	🟩	🟩	🟩	🟩	🟩	🟩	🟨	🟨	🟨
3.0	🟩	🟩	🟩	🟩	🟩	🟨	🟨	🟨	🟥
3.5	🟩	🟩	🟩	🟩	🟨	🟨	🟥	🟥	🟥
4.0	🟩	🟩	🟩	🟨	🟨	🟥	🟥	🟥	🟥
4.5	🟩	🟩	🟨	🟨	🟨	🟥	🟥	🟥	🟥
5.0	🟩	🟩	🟨	🟨	🟥	🟥	🟥	🟥	🟥
5.5	🟩	🟨	🟨	🟥	🟥	🟥	🟥	🟥	🟥
6.0	🟩	🟨	🟨	🟥	🟥	🟥	🟥	🟥	🟥
6.5	🟩	🟨	🟥	🟥	🟥	🟥	🟥	🟥	🟥

🟩 No Damage / Negligible Damage
🟨 Will Stop / Potential Damage to Guard
🟥 Guard is under-sized

Installs with four (4) 5/8” x 5-1/2”
Concrete Screw Anchors

SPECIFICATIONS

- Stopping Power: 5,334 joules / 3,934 ft-lb
- No-Damage Rating: 2,667 joules / 1,967 ft-lb.
- Temperature Rating: -40°
- Pipe Coating: 60µm Hot Dipped Galvanized + 60µm Polyester Outdoor Powder Coat
- Cast Iron Coating: Environmentally Friendly Water-Based KTL Coating + Powder Coat C5I Rated

RECOMMENDED USES

- Medium Duty
- Equipment and Storage Rack Guarding
- Drive-Thru Lanes
- Pedestrian Safety
- Access Denial
- Fuel Pump and Utility Protection
- Post-tensioned Concrete
- Not for K-Rated Security Use

SLOWSTOP GUARDING SYSTEMS
4955 Stout Dr. • San Antonio, TX 78219
210-736-4477 • 800-736-5256 • Fax 210-734-6448
Email: info@slowstop.com
www.slowstop.com
QR: Download Spec Sheets
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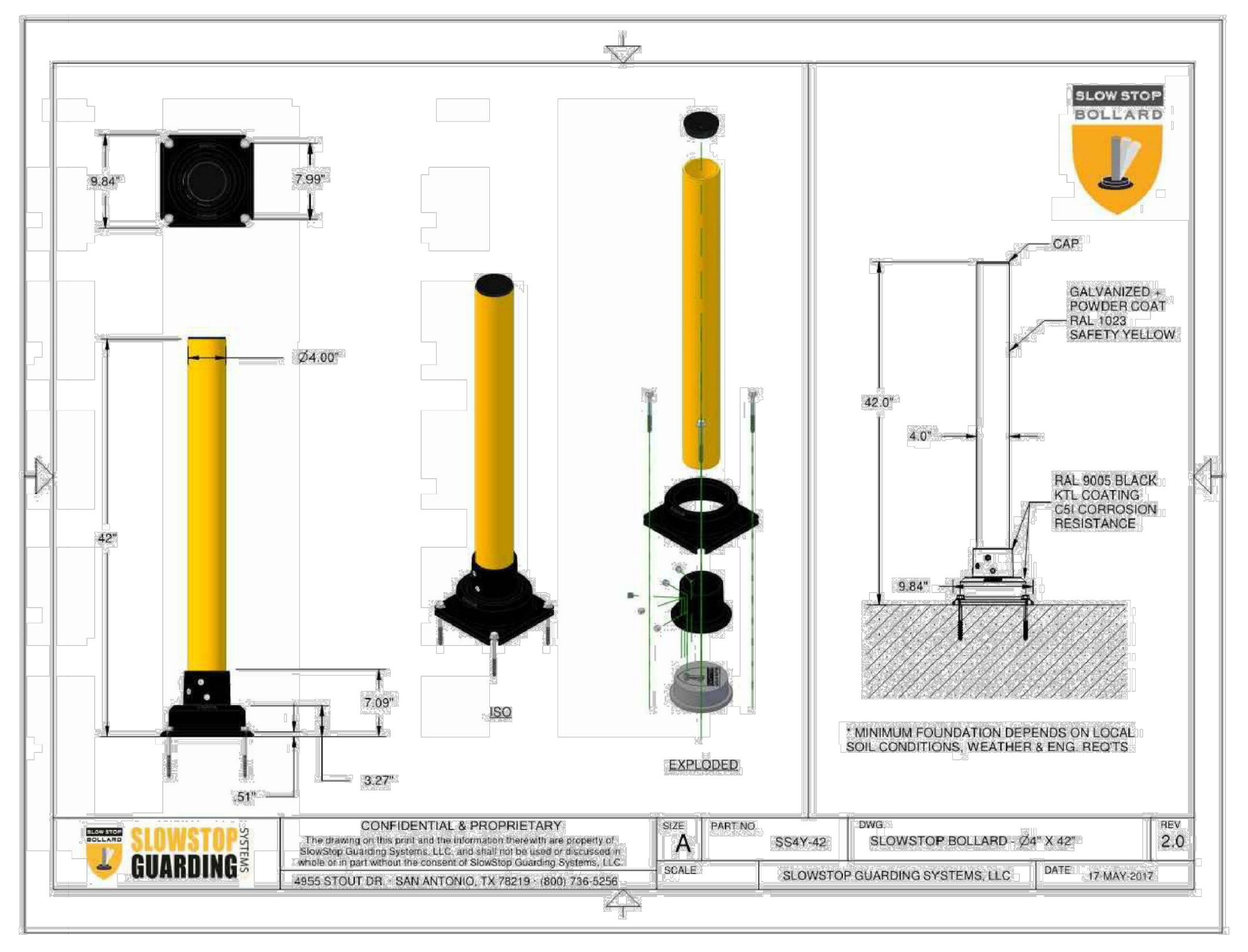
Detail: **REBOUNDING BOLLARD DETAIL**
SCALE: NTS
DETAIL NO: **SF-1A**
Standards Issue: 22_02
185 S. State Street
Salt Lake City, Utah 84111


9.84"
7.99"
Ø4.00"
42"
7.09"
3.27"
.51"
ISO
EXPLODED
SLOW STOP BOLLARD
CAP
GALVANIZED + POWDER COAT RAL 1023 SAFETY YELLOW
42.0"
4.0"
RAL 9005 BLACK KTL COATING C5I CORROSION RESISTANCE
9.84"
* MINIMUM FOUNDATION DEPENDS ON LOCAL SOIL CONDITIONS, WEATHER & ENG. REQ'TS
SLOWSTOP GUARDING SYSTEMS
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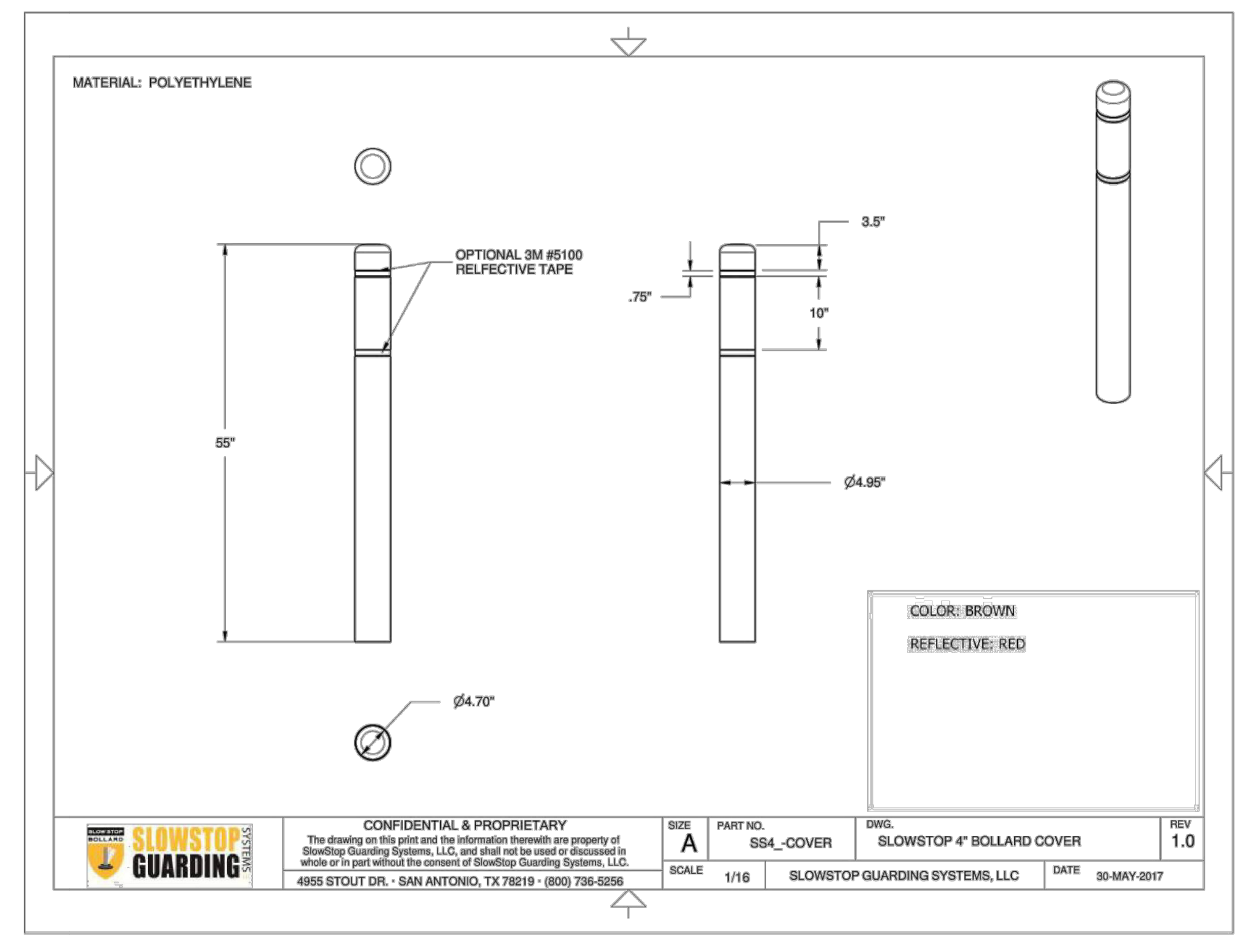
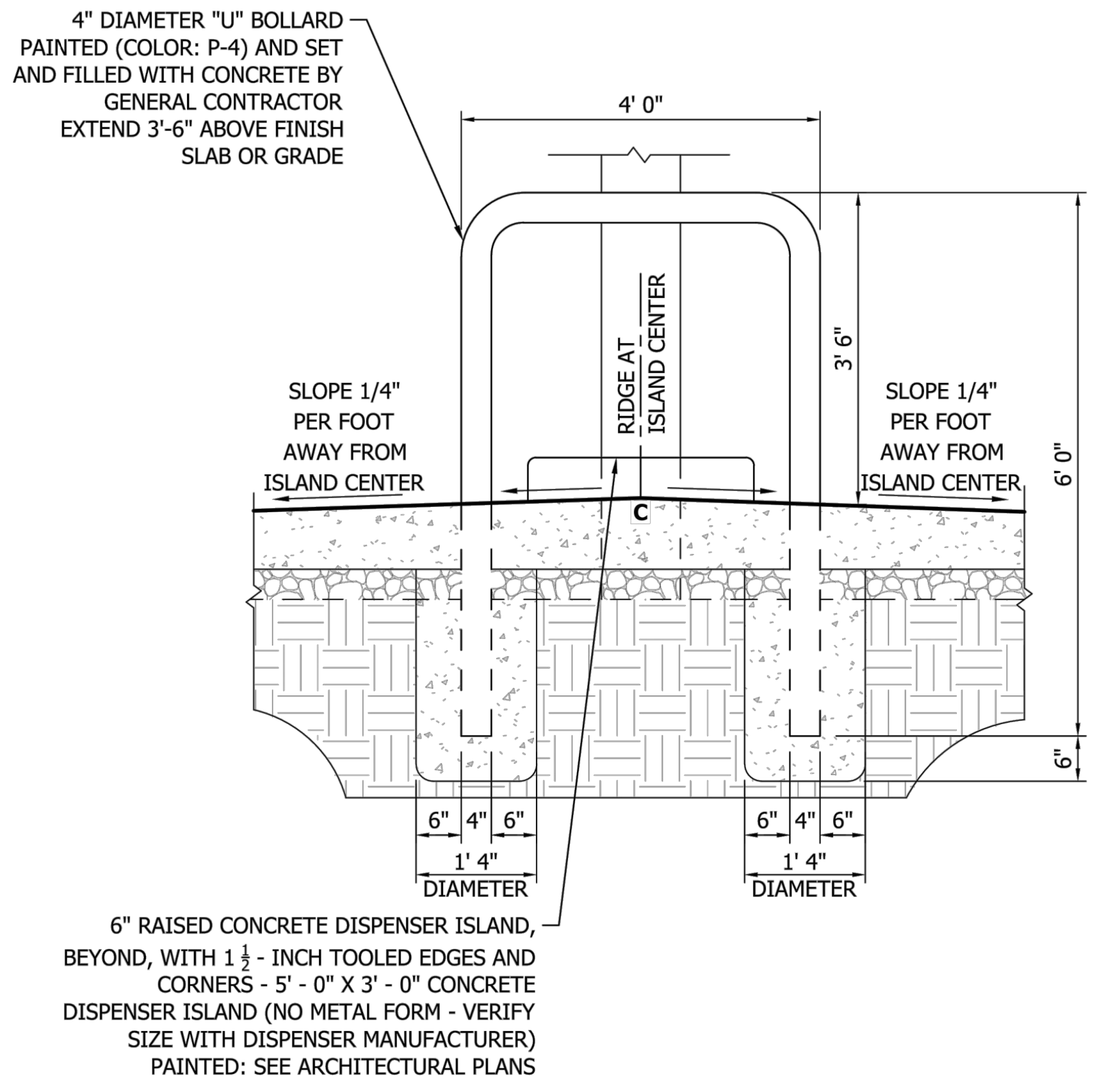
4955 STOUT DR. · SAN ANTONIO, TX 78219 · (800) 736-5256
SIZE A
PART NO. SS4Y-42
DWG. SLOWSTOP BOLLARD - Ø4" X 42"
REV 2.0
SCALE
SLOWSTOP GUARDING SYSTEMS, LLC
DATE 17-MAY-2017

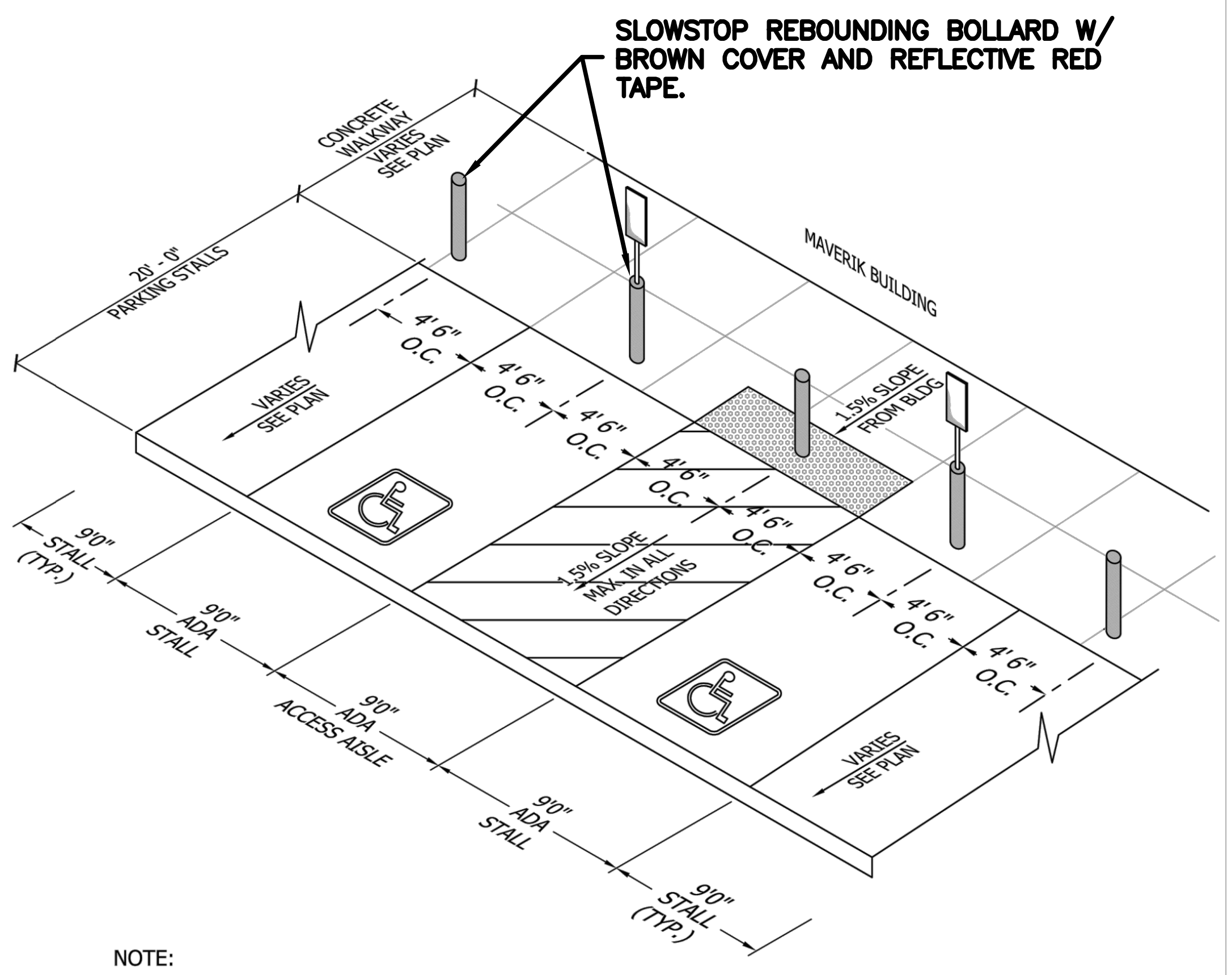
Detail: **REBOUNDING BOLLARD CONNECTION DETAIL**
SCALE: NTS
DETAIL NO: **SF-1B**
Standards Issue: 22_02
185 S. State Street
Salt Lake City, Utah 84111


MATERIAL: POLYETHYLENE
OPTIONAL 3M #5100 RELFECTIVE TAPE
55"
3.5"
.75"
10"
Ø4.95"
Ø4.70"
COLOR: BROWN
REFLECTIVE: RED
SLOWSTOP GUARDING SYSTEMS
CONFIDENTIAL & PROPRIETARY
The drawing on this print and the information therewith are property of SlowStop Guarding Systems, LLC, and shall not be used or discussed in whole or in part without the consent of SlowStop Guarding Systems, LLC.
4955 STOUT DR. · SAN ANTONIO, TX 78219 · (800) 736-5256
SIZE A
PART NO. SS4_-COVER
DWG. SLOWSTOP 4" BOLLARD COVER
REV 1.0
SCALE 1/16
SLOWSTOP GUARDING SYSTEMS, LLC
DATE 30-MAY-2017

Detail: **REBOUNDING BOLLARD COVER DETAIL**
SCALE: NTS
DETAIL NO: **SF-1C**
Standards Issue: 22_02
185 S. State Street
Salt Lake City, Utah 84111

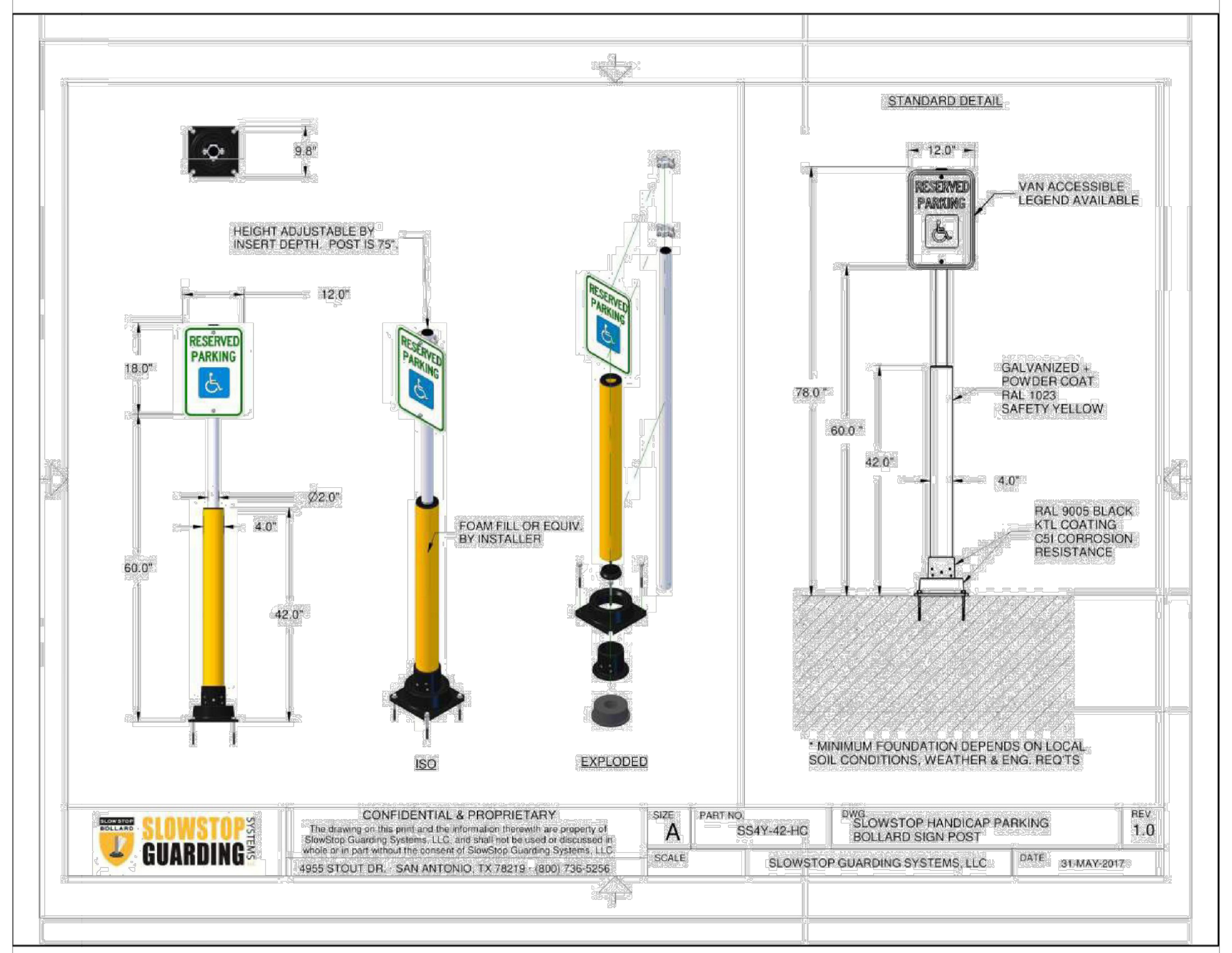

4" DIAMETER "U" BOLLARD PAINTED (COLOR: P-4) AND SET AND FILLED WITH CONCRETE BY GENERAL CONTRACTOR EXTEND 3'-6" ABOVE FINISH SLAB OR GRADE
4' 0"
RIDGE AT ISLAND CENTER
3' 6"
6' 0"
SLOPE 1/4" PER FOOT AWAY FROM ISLAND CENTER
SLOPE 1/4" PER FOOT AWAY FROM ISLAND CENTER
C
6"
6" 4" 6"
1' 4" DIAMETER
6" 4" 6"
1' 4" DIAMETER
6" RAISED CONCRETE DISPENSER ISLAND, BEYOND, WITH 1 ½ - INCH TOOLED EDGES AND CORNERS - 5' - 0" X 3' - 0" CONCRETE DISPENSER ISLAND (NO METAL FORM - VERIFY SIZE WITH DISPENSER MANUFACTURER) PAINTED: SEE ARCHITECTURAL PLANS

Detail: **"HOOP" BOLLARD**
SCALE: NTS
DETAIL NO: **SF-2**
Standards Issue: 22_02
185 S. State Street
Salt Lake City, Utah 84111


SLOWSTOP REBOUNDING BOLLARD W/ BROWN COVER AND REFLECTIVE RED TAPE.
CONCRETE WALKWAY VARIES SEE PLAN
20' - 0" PARKING STALLS
MAVERIK BUILDING
4'6" O.C.
4'6" O.C.
4'6" O.C.
4'6" O.C.
4'6" O.C.
4'6" O.C.
4'6" O.C.
4'6" O.C.
VARIES SEE PLAN
1.5% SLOPE FROM BLDG
1.5% SLOPE MAX. IN ALL DIRECTIONS
VARIES SEE PLAN
9'0" STALL (TYP.)
9'0" ADA STALL
9'0" ADA ACCESS AISLE
9'0" ADA STALL
9'0" STALL (TYP.)

NOTE:
1. THIS DETAIL DEPICTS MINIMUM MAVERIK STANDARDS. LOCAL JURISDICTION MAY HAVE MORE STRINGENT REQUIREMENTS THAT SHALL BE VERIFIED AND ADHERED TO

Detail: **TYPICAL BOLLARD SPACING AT BUILDING**
SCALE: NTS
DETAIL NO: **SF-5**
Standards Issue: 22_02
185 S. State Street
Salt Lake City, Utah 84111


9.8"
HEIGHT ADJUSTABLE BY INSERT DEPTH. POST IS 75".
12.0"
RESERVED PARKING
18.0"
Ø2.0"
4.0"
60.0"
42.0"
FOAM FILL OR EQUIV. BY INSTALLER
ISO
EXPLODED
STANDARD DETAIL
12.0"
VAN ACCESSIBLE LEGEND AVAILABLE
78.0"
60.0"
42.0"
GALVANIZED + POWDER COAT RAL 1023 SAFETY YELLOW
4.0"
RAL 9005 BLACK KTL COATING C5I CORROSION RESISTANCE
* MINIMUM FOUNDATION DEPENDS ON LOCAL SOIL CONDITIONS, WEATHER & ENG. REQ'TS
SLOWSTOP GUARDING SYSTEMS
CONFIDENTIAL & PROPRIETARY
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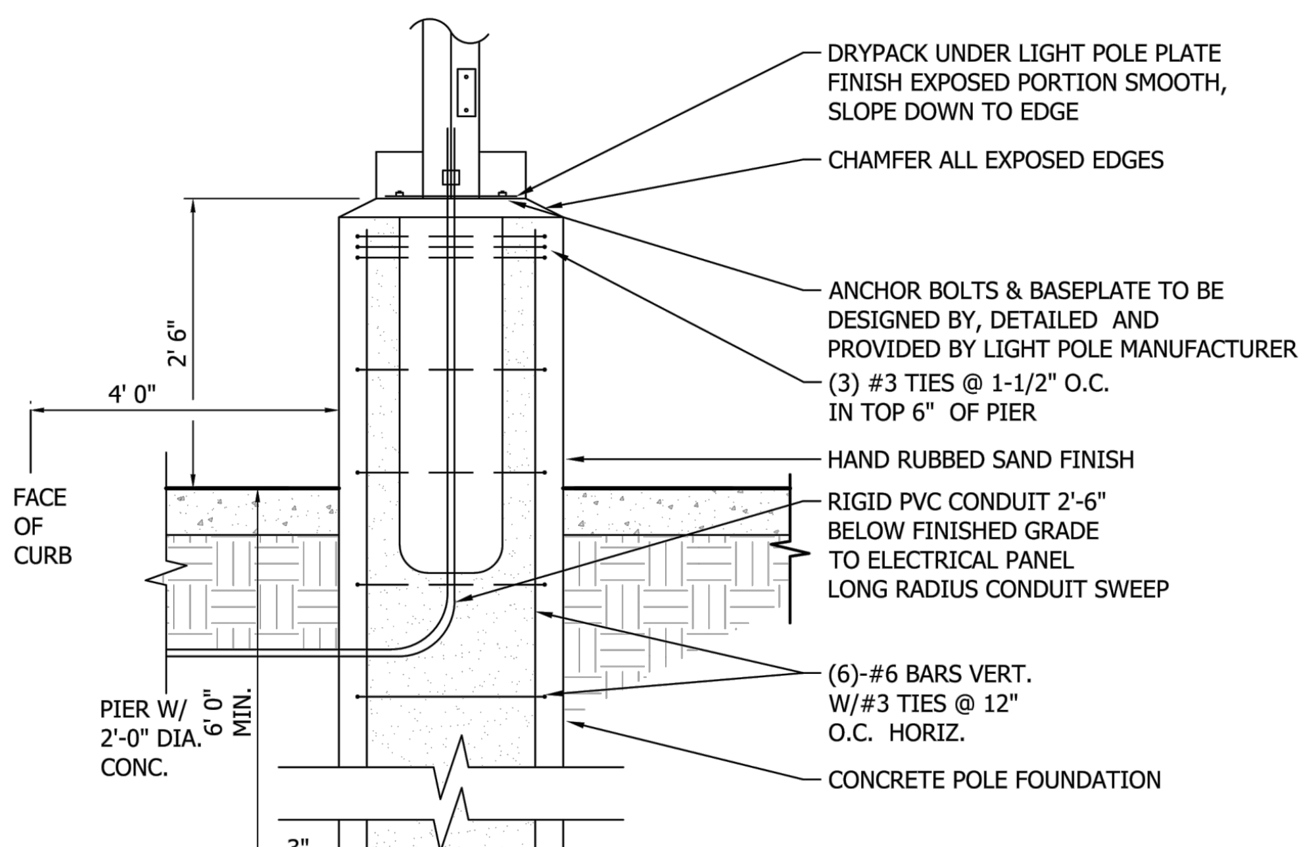
4955 STOUT DR. · SAN ANTONIO, TX 78219 · (800) 736-5256
SIZE A
PART NO. SS4Y-42-HC
DWG. SLOWSTOP HANDICAP PARKING BOLLARD SIGN POST
REV 1.0
SCALE
SLOWSTOP GUARDING SYSTEMS, LLC
DATE 31-MAY-2017

Detail: **ADA PARKING SIGN WITH BOLLARD**
SCALE: NTS
DETAIL NO: **SF-6**
Standards Issue: 22_02
185 S. State Street
Salt Lake City, Utah 84111


DRYPACK UNDER LIGHT POLE PLATE FINISH EXPOSED PORTION SMOOTH, SLOPE DOWN TO EDGE
CHAMFER ALL EXPOSED EDGES
ANCHOR BOLTS & BASEPLATE TO BE DESIGNED BY, DETAILED AND PROVIDED BY LIGHT POLE MANUFACTURER
(3) #3 TIES @ 1-1/2" O.C. IN TOP 6" OF PIER
HAND RUBBED SAND FINISH
RIGID PVC CONDUIT 2'-6" BELOW FINISHED GRADE TO ELECTRICAL PANEL LONG RADIUS CONDUIT SWEEP
(6)-#6 BARS VERT. W/#3 TIES @ 12" O.C. HORIZ.
CONCRETE POLE FOUNDATION
2' 6"
4' 0"
FACE OF CURB
PIER W/ 2'-0" DIA. CONC.
6' 0" MIN.
3" CLR. TYP
2" CLR.
2' 0" DIA.

NOTES:
1. POLE BASE IN NATURAL UNDISTURBED SOIL
2. WHEN POLE IS 3'-0" OR GREATER FROM CURB, PROVIDE SEAL TO TOP OF POLE FOOTING FLUSH WITH GRADE. SEAL OFFS AS REQUIRED IF IN HAZARDOUS AREA, SEE ELECTRICAL PLAN. CUT OFF SHIELDS AND/OR HEADS MAY BE REQUIRED UPON FIELD INSPECTION

Detail: **TYPICAL LIGHT POLE AND BASE**
SCALE: NTS
DETAIL NO: **SF-7**
Standards Issue: 22_02
185 S. State Street
Salt Lake City, Utah 84111

PROJECT NUMBER
21-122-0001

ISSUE DATE:
March 10, 2023

REVISIONS:

No.	Date	Description
1	5-24-22	CITY REVIEW
2	7-13-22	CITY REVIEW
3	10-19-22	CITY REVIEW
4	10-26-22	CITY REVIEW
5	12-08-22	CITY REVIEW
6	1-09-23	CITY REVIEW
7	3-10-23	CITY REVIEW

NOTE:
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MAVERIK INC. STORE
LINCOLN AVE. AND DRANSFELDT RD.
PARKER, CO
SITE PLAN

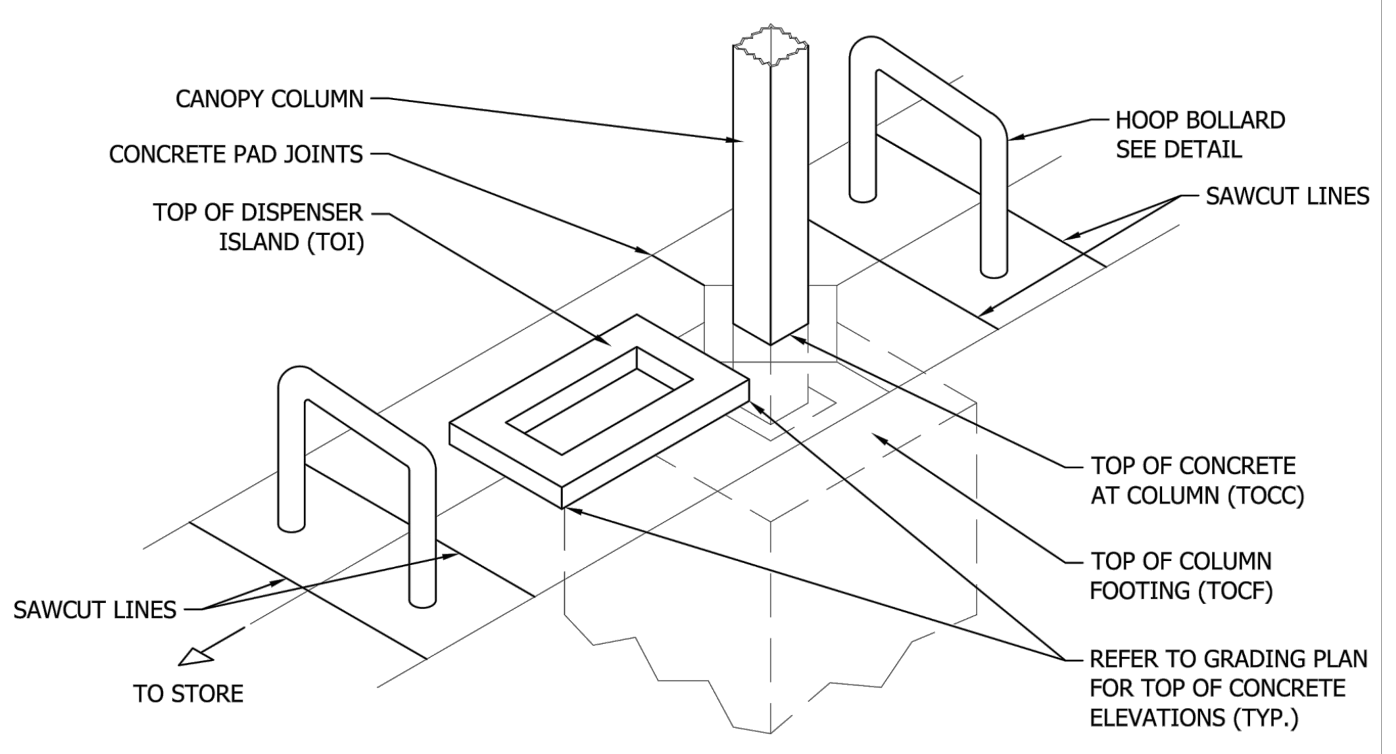
DCI ENGINEERS
1331 17TH STREET • SUITE 605
DENVER, COLORADO 80202
PHONE: (720) 439-4700
WEBSITE: www.dci-engineers.com
CIVIL / STRUCTURAL

SITE DETAILS

Plot Date: 2023-03-10 File Location: O:\1200-Denver\DCI-Civil\Projects\2021\21122-0001 Maverik Lincoln and Dransfeldt\21-122-0001SITE.dwg

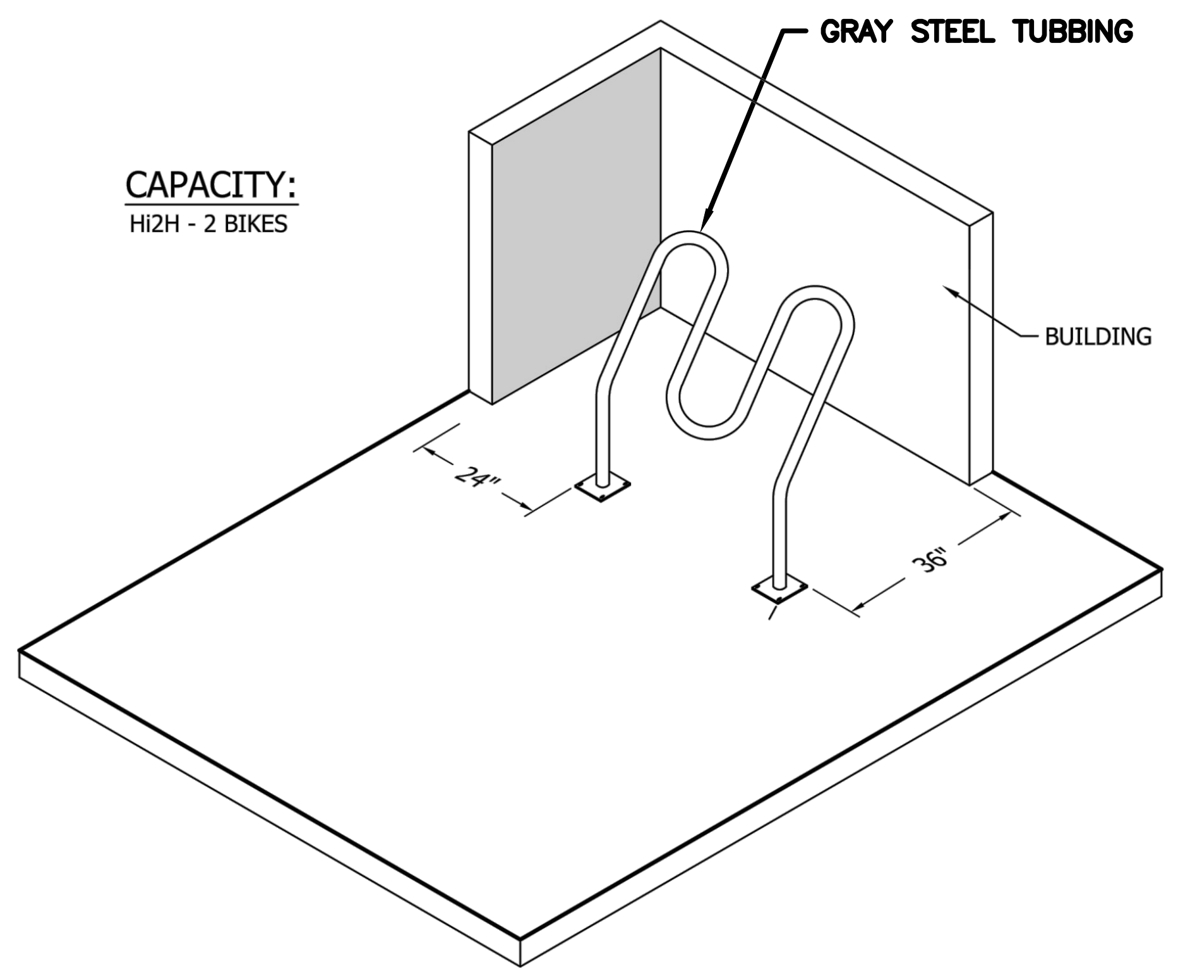
LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

SITUATED IN THE NORTHWEST ¼ OF SECTIOON 15,
TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO


CANOPY COLUMN
CONCRETE PAD JOINTS
TOP OF DISPENSER ISLAND (TOI)
HOOP BOLLARD SEE DETAIL
SAWCUT LINES
TOP OF CONCRETE AT COLUMN (TOCC)
TOP OF COLUMN FOOTING (TOCF)
SAWCUT LINES
REFER TO GRADING PLAN FOR TOP OF CONCRETE ELEVATIONS (TYP.)
TO STORE

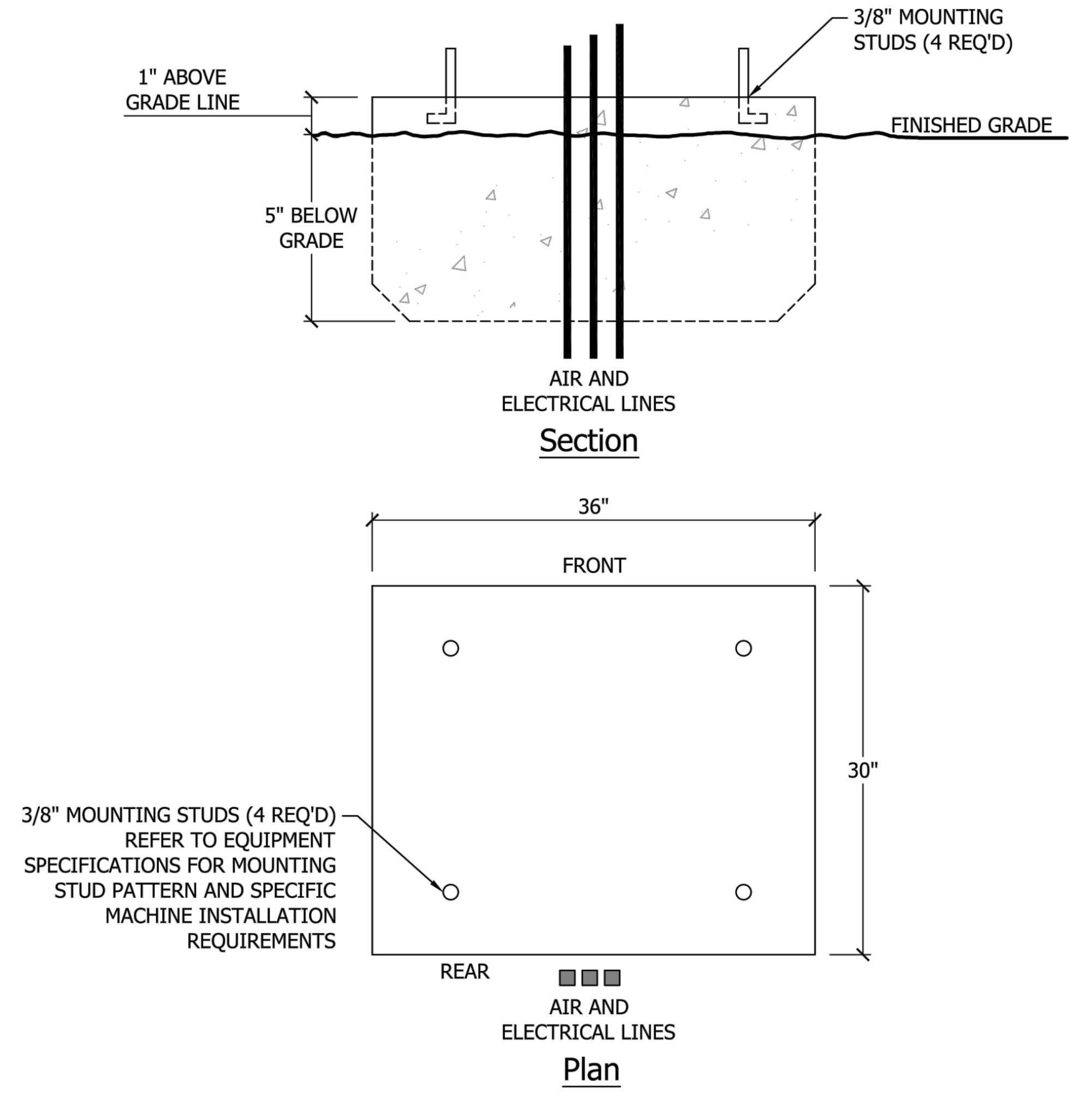
NOTES:
1. TOP OF CONCRETE TO TOP OF SPOT & SPREAD FOOTING SEPARATION IS 36"
2. 6" RAISED VERTICAL CONCRETE ISLAND WITH 1 ½ -INCH TOOLED EDGES AND CORNERS TO BE POURED FIRST 5'-0" x 3'-0" CONCRETE ISLAND (NO METAL FORM - VERIFY SIZE WITH DISPENSER MANUFACTURER)
3. AFTER THE 5'-0" - 3'-0" FUEL ISLAND HAS BEEN POURED, SLOPE CONCRETE AWAY FROM ISLAND IN ALL (4) DIRECTIONS
4. EVERY OTHER DISPENSER TO BE EQUIPPED WITH A FIRE EXTINGUISHER

Detail:	SCALE: NTS	MAVERIK
FUEL DISPENSER BASE	DETAIL NO: **SF-8**	Standards Issue: 22_02 185 S. State Street Salt Lake City, Utah 84111


GRAY STEEL TUBING
CAPACITY:
Hi2H - 2 BIKES
BUILDING
24"
36"

NOTES:
1. IF STORAGE OF MORE THAN 2 BICYCLES IS REQUIRED, PLACE ADDITIONAL BIKE RACKS, AS NECESSARY.

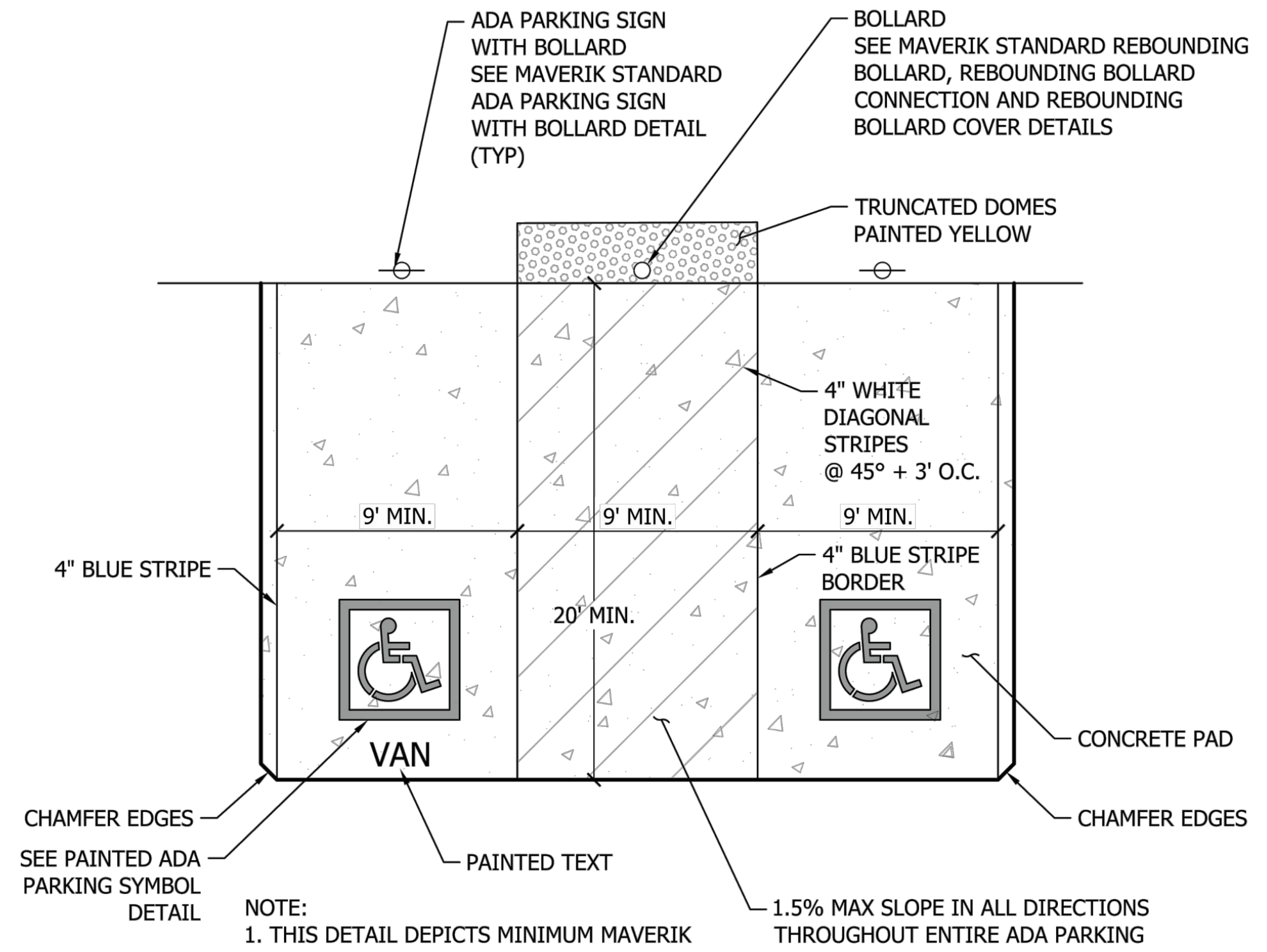
Detail:	SCALE: NTS	MAVERIK
"HI-ROLLER" BIKE RACK	DETAIL NO: **SF-9**	Standards Issue: 22_02 185 S. State Street Salt Lake City, Utah 84111


3/8" MOUNTING STUDS (4 REQ'D)
1" ABOVE GRADE LINE
FINISHED GRADE
5" BELOW GRADE
AIR AND ELECTRICAL LINES
Section
36"
FRONT
30"
3/8" MOUNTING STUDS (4 REQ'D) REFER TO EQUIPMENT SPECIFICATIONS FOR MOUNTING STUD PATTERN AND SPECIFIC MACHINE INSTALLATION REQUIREMENTS
REAR
AIR AND ELECTRICAL LINES
Plan

UTILITY REQUIREMENTS: OUTDOOR APPROVED ELECTRICAL CONDUIT. REFER TO ELECTRICAL SPECIFICATIONS INFORMATION ON SPECIFIC MACHINE INSTALLATION REQUIREMENTS.

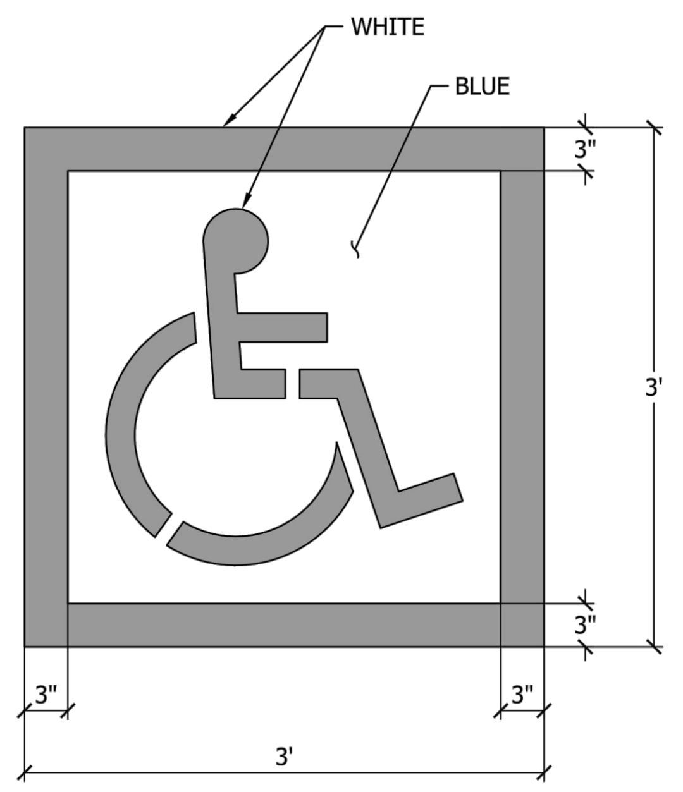
FOR REFERENCE ONLY. CONTRACTOR TO VERIFY ALL CONSTRUCTION WITH MANUFACTURER'S SPECIFICATIONS.

Detail:	SCALE: NTS	MAVERIK
XACTAIR AIR STATION FOUNDATION	DETAIL NO: **SF-10**	Standards Issue: 22_02 185 S. State Street Salt Lake City, Utah 84111


ADA PARKING SIGN WITH BOLLARD SEE MAVERIK STANDARD ADA PARKING SIGN WITH BOLLARD DETAIL (TYP)
BOLLARD SEE MAVERIK STANDARD REBOUNDING BOLLARD, REBOUNDING BOLLARD CONNECTION AND REBOUNDING BOLLARD COVER DETAILS
TRUNCATED DOMES PAINTED YELLOW
4" WHITE DIAGONAL STRIPES @ 45° + 3' O.C.
9' MIN.
9' MIN.
9' MIN.
4" BLUE STRIPE
4" BLUE STRIPE BORDER
20' MIN.
VAN
CONCRETE PAD
CHAMFER EDGES
SEE PAINTED ADA PARKING SYMBOL DETAIL
PAINTED TEXT
CHAMFER EDGES
1.5% MAX SLOPE IN ALL DIRECTIONS THROUGHOUT ENTIRE ADA PARKING STALL(S) AND ACCESS AISLE(S)

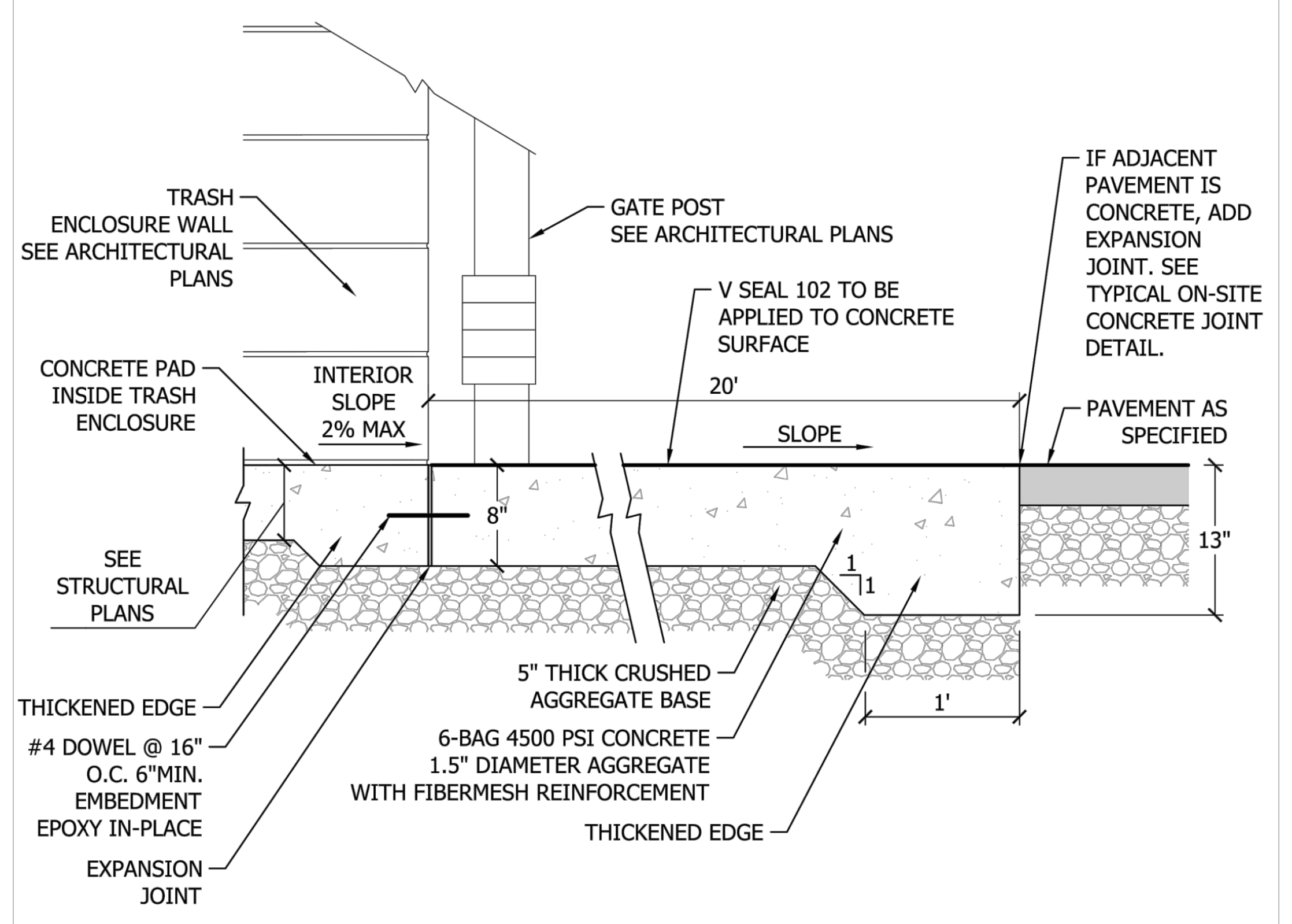
NOTE:
1. THIS DETAIL DEPICTS MINIMUM MAVERIK STANDARDS. LOCAL JURISDICTION MAY HAVE MORE STRINGENT REQUIREMENTS THAT SHALL BE VERIFIED AND ADHERED TO
2. WHILE CONCRETE PAD MAY EXTEND BEYOND THE DESIGNATED ADA PARKING STALLS, THE ADA PARKING STALLS THEMSELVES MUST BE ENCOMPASSED COMPLETELY BY CONCRETE PAD.

Detail:	SCALE: NTS	MAVERIK
ADA PARKING	DETAIL NO: **SF-12**	Standards Issue: 22_02 185 S. State Street Salt Lake City, Utah 84111


WHITE
BLUE
3"
3'
3"
3"
3"
3'

NOTES:
1. THIS DETAIL DEPICTS MINIMUM MAVERIK STANDARDS. LOCAL JURISDICTION MAY HAVE MORE STRINGENT REQUIREMENTS THAT SHALL BE VERIFIED AND ADHERED TO
2. PROVIDE TWO COATS OF PAINT
3. BLUE BACKGROUND WITH WHITE SYMBOL

Detail:	SCALE: NTS	MAVERIK
PAINTED ADA PARKING SYMBOL	DETAIL NO: **SF-13**	Standards Issue: 22_02 185 S. State Street Salt Lake City, Utah 84111


TRASH ENCLOSURE WALL SEE ARCHITECTURAL PLANS
GATE POST SEE ARCHITECTURAL PLANS
V SEAL 102 TO BE APPLIED TO CONCRETE SURFACE
IF ADJACENT PAVEMENT IS CONCRETE, ADD EXPANSION JOINT. SEE TYPICAL ON-SITE CONCRETE JOINT DETAIL.
CONCRETE PAD INSIDE TRASH ENCLOSURE
INTERIOR SLOPE 2% MAX
20'
SLOPE
PAVEMENT AS SPECIFIED
8"
13"
1
1
SEE STRUCTURAL PLANS
1'
5" THICK CRUSHED AGGREGATE BASE
6-BAG 4500 PSI CONCRETE 1.5" DIAMETER AGGREGATE WITH FIBERMESH REINFORCEMENT
THICKENED EDGE
THICKENED EDGE
#4 DOWEL @ 16" O.C. 6"MIN. EMBEDMENT EPOXY IN-PLACE
EXPANSION JOINT

CONCRETE SECTION & INSTALLATION NOTES:
1. MAVERIK TYPICAL CONCRETE SECTION PROVIDED AS A MINIMUM STANDARD FOR INSTALLATION. CONTRACTOR TO REFER TO SITE SPECIFIC GEOTECHNICAL REPORT CONCRETE SECTION RECOMMENDATION AND INSTALL MOST STRINGENT. CONTRACTOR TO COMPLY WITH ALL SUBBASE PREPARATION REQUIREMENTS AS NOTED WITHIN SITE SPECIFIC GEOTECHNICAL REPORT.
2. THICKEN SLAB @ ALL OUTSIDE EDGES.

Detail:	SCALE: NTS	MAVERIK
TRASH ENCLOSURE ACCESS PAD	DETAIL NO: **C-5**	Standards Issue: 22_02 185 S. State Street Salt Lake City, Utah 84111

Plot Date: 2023-03-10 File Location: O:\1200-Denver\DCI-Civil\Projects\2021\21122-0001 Maverik Lincoln and Dransfeldt\21-122-0001SITE.dwg

PROJECT NUMBER

21-122-0001

ISSUE DATE:

March 10, 2023

REVISIONS:

No.	Date	Description
1	5-24-22	CITY REVIEW
2	7-13-22	CITY REVIEW
3	10-19-22	CITY REVIEW
4	10-26-22	CITY REVIEW
5	12-08-22	CITY REVIEW
6	1-09-23	CITY REVIEW
7	3-10-23	CITY REVIEW

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MAVERIK INC. STORE
LINCOLN AVE. AND DRANSFELDT RD.
PARKER, CO
SITE PLAN

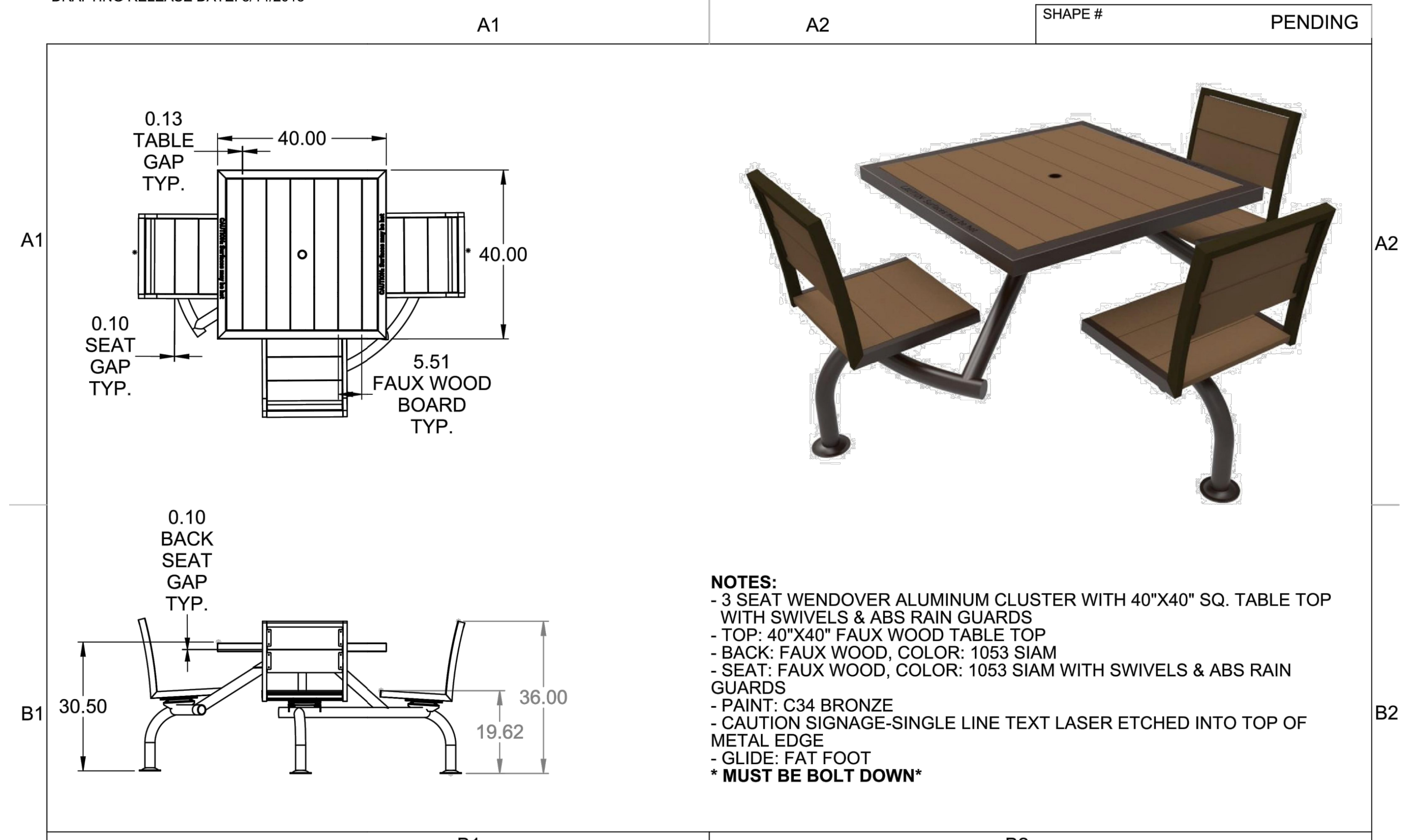
DCI ENGINEERS
1331 17TH STREET • SUITE 605
DENVER, COLORADO 80202
PHONE: (720) 439-4700
WEBSITE: www.dci-engineers.com
CIVIL / STRUCTURAL

SITE DETAILS

LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

SITUATED IN THE NORTHWEST $\frac{1}{4}$ OF SECTIOON 15,
TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

DRAFTING RELEASE DATE: 8/14/2018


A1
A2
SHAPE #
PENDING
0.13
TABLE
GAP
TYP.
40.00
40.00
0.10
SEAT
GAP
TYP.
5.51
FAUX WOOD
BOARD
TYP.
0.10
BACK
SEAT
GAP
TYP.
30.50
36.00
19.62
A1
A2
B1
B2

NOTES:
- 3 SEAT WENDOVER ALUMINUM CLUSTER WITH 40"X40" SQ. TABLE TOP WITH SWIVELS & ABS RAIN GUARDS
- TOP: 40"X40" FAUX WOOD TABLE TOP
- BACK: FAUX WOOD, COLOR: 1053 SIAM
- SEAT: FAUX WOOD, COLOR: 1053 SIAM WITH SWIVELS & ABS RAIN GUARDS
- PAINT: C34 BRONZE
- CAUTION SIGNAGE-SINGLE LINE TEXT LASER ETCHED INTO TOP OF METAL EDGE
- GLIDE: FAT FOOT

*** MUST BE BOLT DOWN***

B1 B2

GENERAL NOTES: NOT DRAWN TO SCALE *- CRITICAL DIMENSIONS
ALL DIMENSIONS ARE NOMINAL
ANY AND ALL INFORMATION ON THIS DRAWING
MAY BE PROPRIETORY TO SHAPE INDUSTRIES INC.
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PERMISSION FROM SHAPE INDUSTRIES INC.
255 HUTCHINGS ST., WINNIPEG, MANITOBA,CANADA, R2X 2R4.

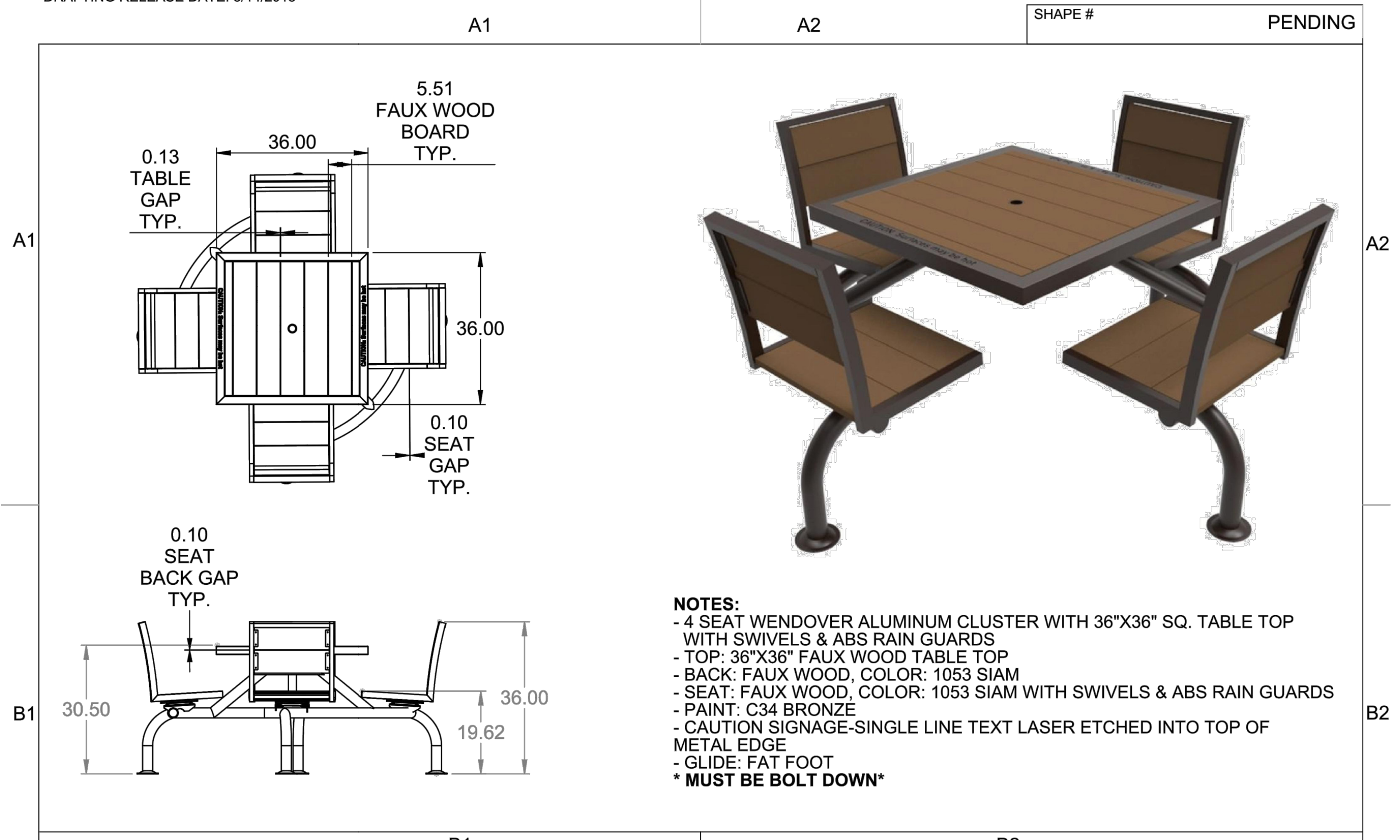
Benchmark DESIGN GROUP

REVISIONS			
DATE	DESCRIPTION	REV.	REV. BY
8/1/2018	ADD LABELS ON 2 SIDES OF THE TABLE	A	LC
8/14/2018	SIGNAGE ETCHED INTO TOP OF METAL EDGE	B	LC

CLIENT: MAVERIK
LOCATION: NORTH SALT LAKE CITY, UT
DESCRIPTION: 3 SEAT ADA CLUSTER
DRAWN BY LC DATE 1/3/2017
CHECKED BY TAG: PAGE: 1\2

File name - K:____NEWFOLDERSTRUCTURE__Pending Jobs\MAVERIK PROJECT\3 SEAT ADA CLUSTER\CAD\

DRAFTING RELEASE DATE: 8/14/2018


A1
A2
SHAPE #
PENDING
5.51
FAUX WOOD
BOARD
TYP.
0.13
TABLE
GAP
TYP.
36.00
36.00
0.10
SEAT
GAP
TYP.
0.10
SEAT
BACK GAP
TYP.
30.50
36.00
19.62
A1
A2
B1
B2

NOTES:
- 4 SEAT WENDOVER ALUMINUM CLUSTER WITH 36"X36" SQ. TABLE TOP WITH SWIVELS & ABS RAIN GUARDS
- TOP: 36"X36" FAUX WOOD TABLE TOP
- BACK: FAUX WOOD, COLOR: 1053 SIAM
- SEAT: FAUX WOOD, COLOR: 1053 SIAM WITH SWIVELS & ABS RAIN GUARDS
- PAINT: C34 BRONZE
- CAUTION SIGNAGE-SINGLE LINE TEXT LASER ETCHED INTO TOP OF METAL EDGE
- GLIDE: FAT FOOT

*** MUST BE BOLT DOWN***

B1 B2

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255 HUTCHINGS ST., WINNIPEG, MANITOBA,CANADA, R2X 2R4.

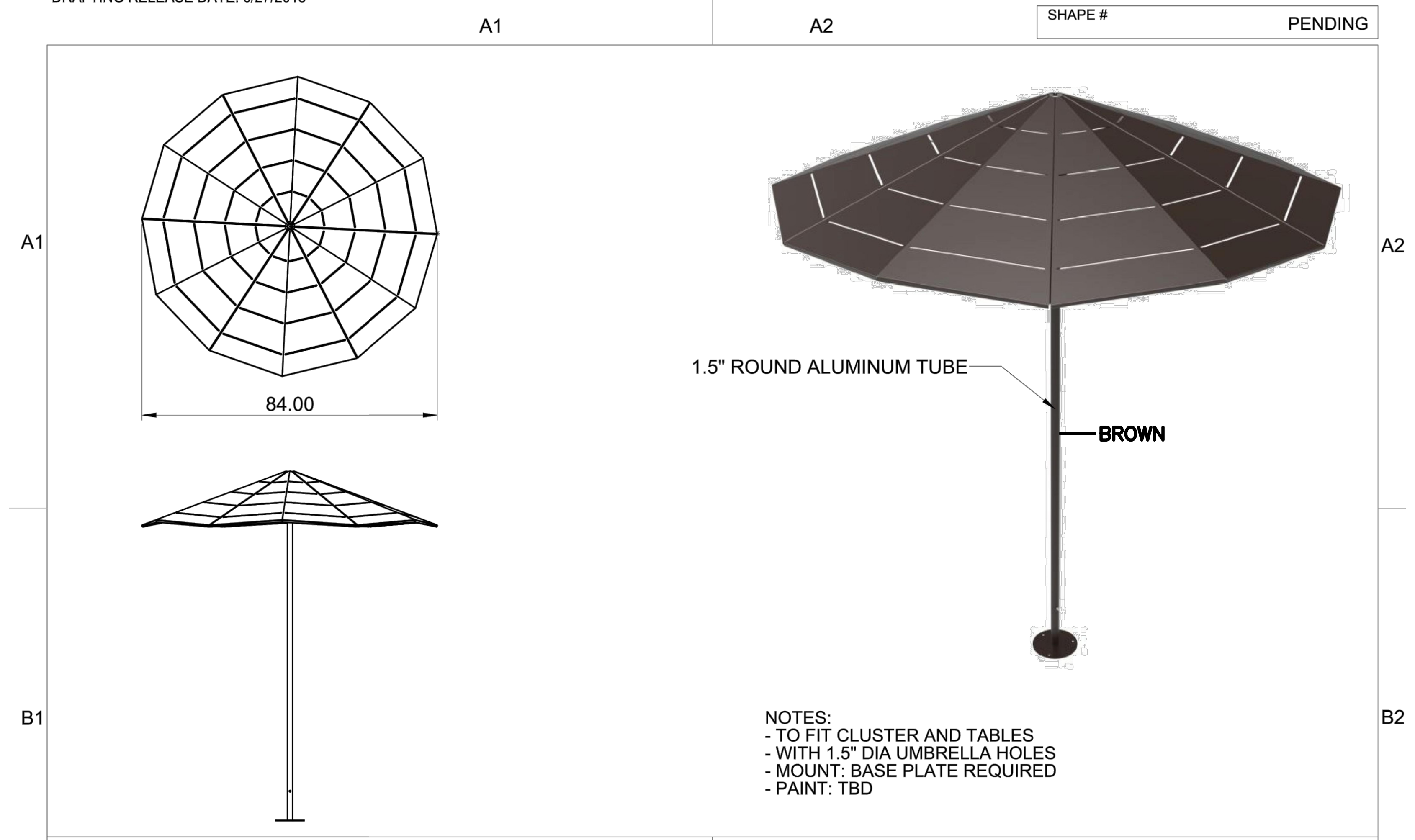
Benchmark DESIGN GROUP

REVISIONS			
DATE	DESCRIPTION	REV.	REV. BY
8/1/2018	ADD LABELS ON 2 SIDES OF THE TABLE	A	LC
8/14/2018	SIGNAGE ETCHED INTO TOP OF METAL EDGE	B	LC

CLIENT: MAVERIK
LOCATION: NORTH SALT LAKE CITY, UT
DESCRIPTION: 4 SEAT CLUSTER
DRAWN BY LC DATE 1/3/2017
CHECKED BY TAG: PAGE: 1\2

File name - K:____NEWFOLDERSTRUCTURE__Pending Jobs\MAVERIK PROJECT\4 SEAT CLUSTER\CAD\

DRAFTING RELEASE DATE: 6/27/2018


A1
A2
SHAPE #
PENDING
84.00
1.5" ROUND ALUMINUM TUBE
BROWN
A1
A2
B1
B2

NOTES:
- TO FIT CLUSTER AND TABLES
- WITH 1.5" DIA UMBRELLA HOLES
- MOUNT: BASE PLATE REQUIRED
- PAINT: TBD

B1 B2

GENERAL NOTES: NOT DRAWN TO SCALE *- CRITICAL DIMENSIONS
ALL DIMENSIONS ARE NOMINAL
ANY AND ALL INFORMATION ON THIS DRAWING
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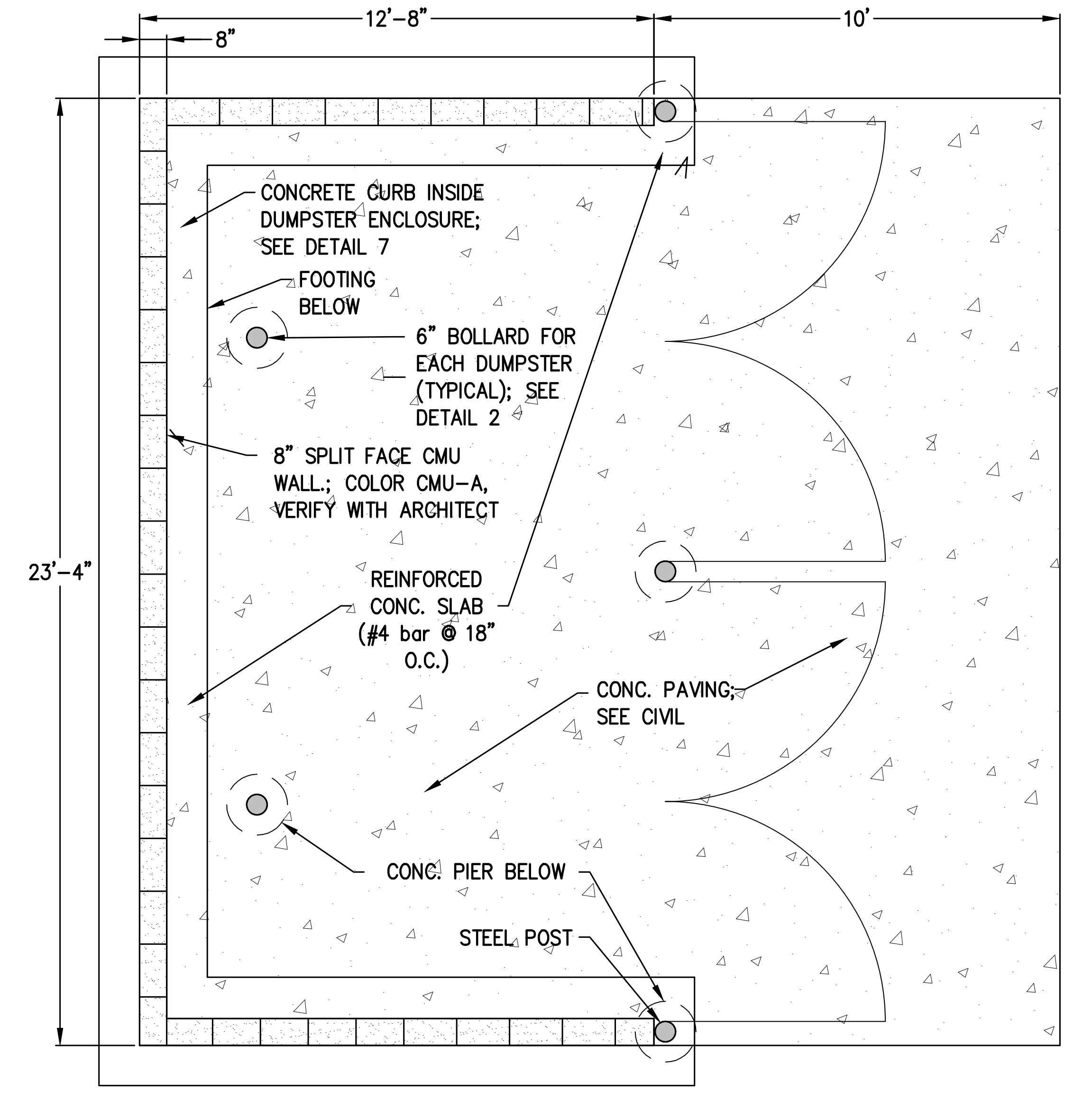
AND MAY NOT BE COPIED OR ALTERED WITHOUT
PERMISSION FROM SHAPE INDUSTRIES INC.
255 HUTCHINGS ST., WINNIPEG, MANITOBA,CANADA, R2X 2R4.

Benchmark DESIGN GROUP

REVISIONS			
DATE	REDUCE AMOUNT OF SLATS, REMOVE BALL FINIAL	REV.	LC

CLIENT: BENCHMARK
LOCATION: JACKSONVILLE, FL
DESCRIPTION: 84"W ALUMINUM UMBRELLA
DRAWN BY LC DATE 12/4/2017
CHECKED BY TAG: PAGE: 1\1

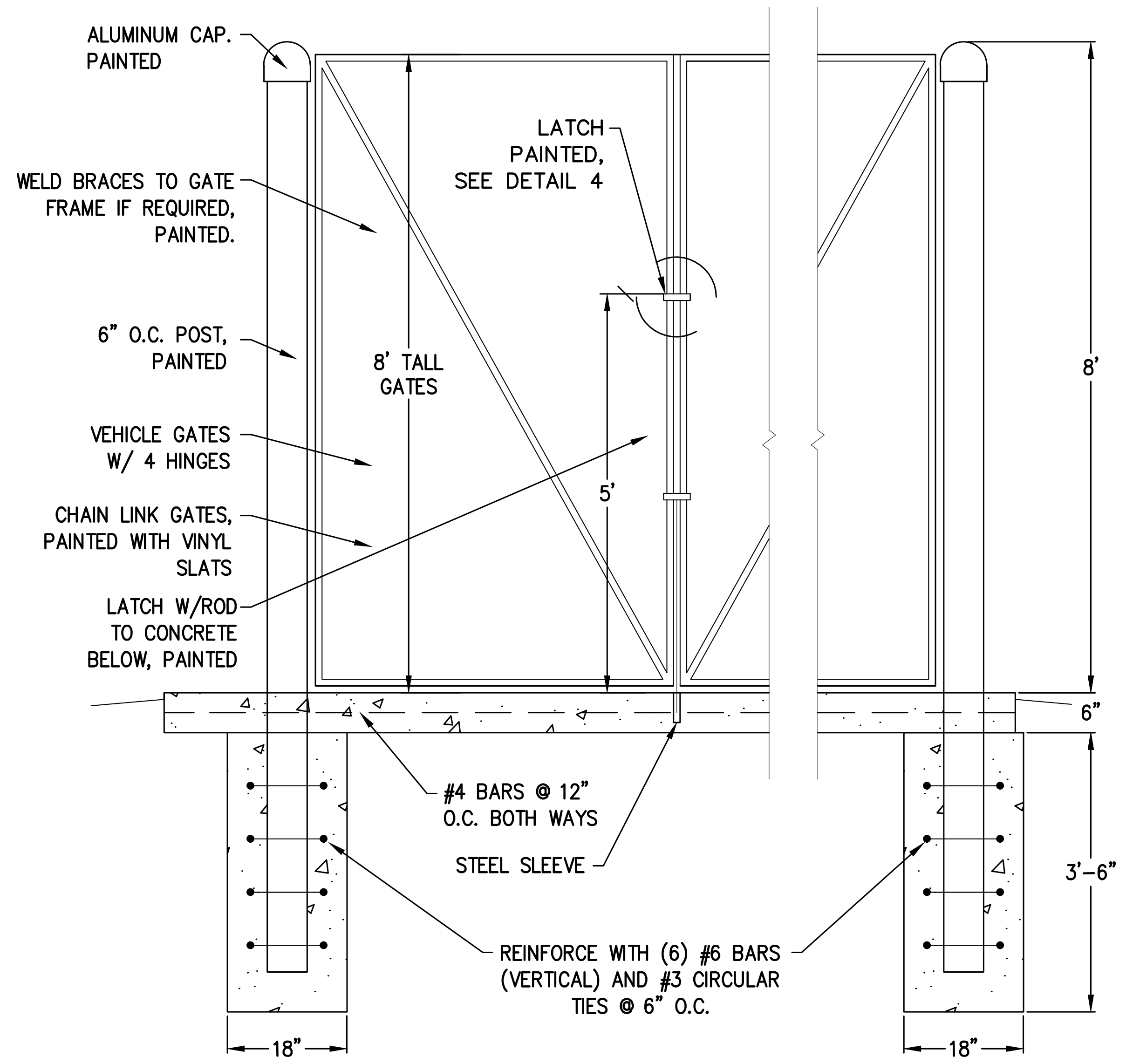
File name - K:____NEWFOLDERSTRUCTURE__Pending Jobs\UMBRELLA WITH SLATTED TOP\CAD\


12'-8"
8"
10'
23'-4"
CONCRETE CURB INSIDE
DUMPSTER ENCLOSURE;
SEE DETAIL 7
FOOTING
BELOW
6" BOLLARD FOR
EACH DUMPSTER
(TYPICAL); SEE
DETAIL 2
8" SPLIT FACE CMU
WALL.; COLOR CMU-A,
VERIFY WITH ARCHITECT
REINFORCED
CONC. SLAB
(#4 bar @ 18"
O.C.)
CONC. PAVING;
SEE CIVIL
CONC. PIER BELOW
STEEL POST

DOUBLE TRASH ENCLOSURE DETAIL

SCALE : NTS

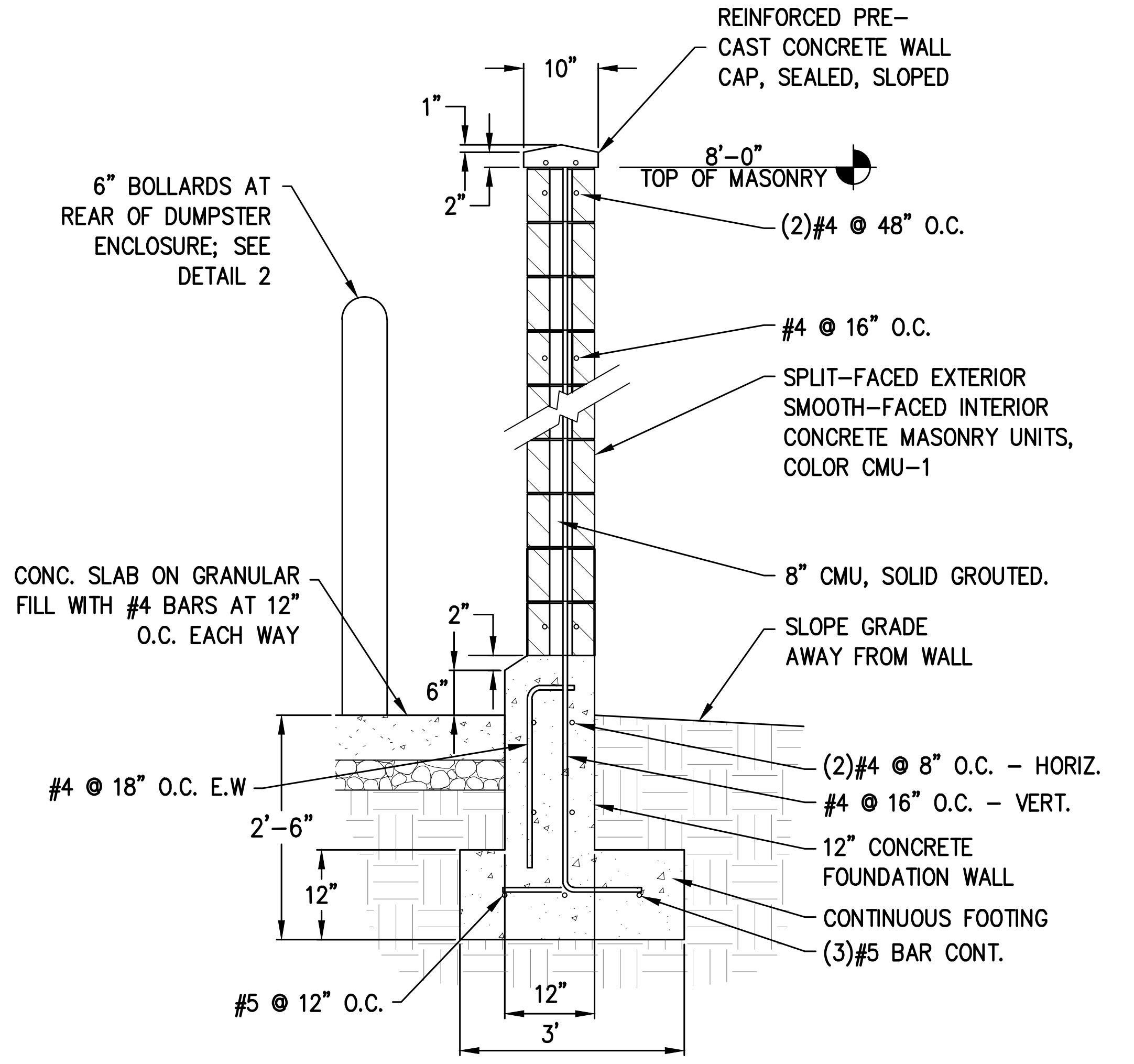
1


ALUMINUM CAP.
PAINTED
WELD BRACES TO GATE
FRAME IF REQUIRED,
PAINTED.
6" O.C. POST,
PAINTED
VEHICLE GATES
W/ 4 HINGES
CHAIN LINK GATES,
PAINTED WITH VINYL
SLATS
LATCH W/ROD
TO CONCRETE
BELOW, PAINTED
LATCH
PAINTED,
SEE DETAIL 4
8' TALL
GATES
5'
8'
6"
3'-6"
#4 BARS @ 12"
O.C. BOTH WAYS
STEEL SLEEVE
REINFORCE WITH (6) #6 BARS
(VERTICAL) AND #3 CIRCULAR
TIES @ 6" O.C.
18"
18"

TRASH ENCLOSURE GATE DETAIL

SCALE : NTS

2


REINFORCED PRE-
CAST CONCRETE WALL
CAP, SEALED, SLOPED
10"
1"
2"
8'-0"
TOP OF MASONRY
6" BOLLARDS AT
REAR OF DUMPSTER
ENCLOSURE; SEE
DETAIL 2
(2)#4 @ 48" O.C.
#4 @ 16" O.C.
SPLIT-FACED EXTERIOR
SMOOTH-FACED INTERIOR
CONCRETE MASONRY UNITS,
COLOR CMU-1
8" CMU, SOLID GROUTED.
CONC. SLAB ON GRANULAR
FILL WITH #4 BARS AT 12"
O.C. EACH WAY
2"
6"
SLOPE GRADE
AWAY FROM WALL
#4 @ 18" O.C. E.W
2'-6"
12"
(2)#4 @ 8" O.C. - HORIZ.
#4 @ 16" O.C. - VERT.
12" CONCRETE
FOUNDATION WALL
CONTINUOUS FOOTING
(3)#5 BAR CONT.
#5 @ 12" O.C.
12"
3'

TRASH ENCLOSURE WALL SECTION

SCALE : NTS

3

Plot Date: 2023-03-10 File Location: O:\1200-Denver\DCI-Civil\Projects\2021\21122-0001 Maverik Lincoln and Dransfeldt\21-122-0001SITE.dwg

PROJECT NUMBER
21-122-0001

ISSUE DATE:
March 10, 2023

REVISIONS:

No.	Date	Description
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2	7-13-22	CITY REVIEW
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MAVERIK

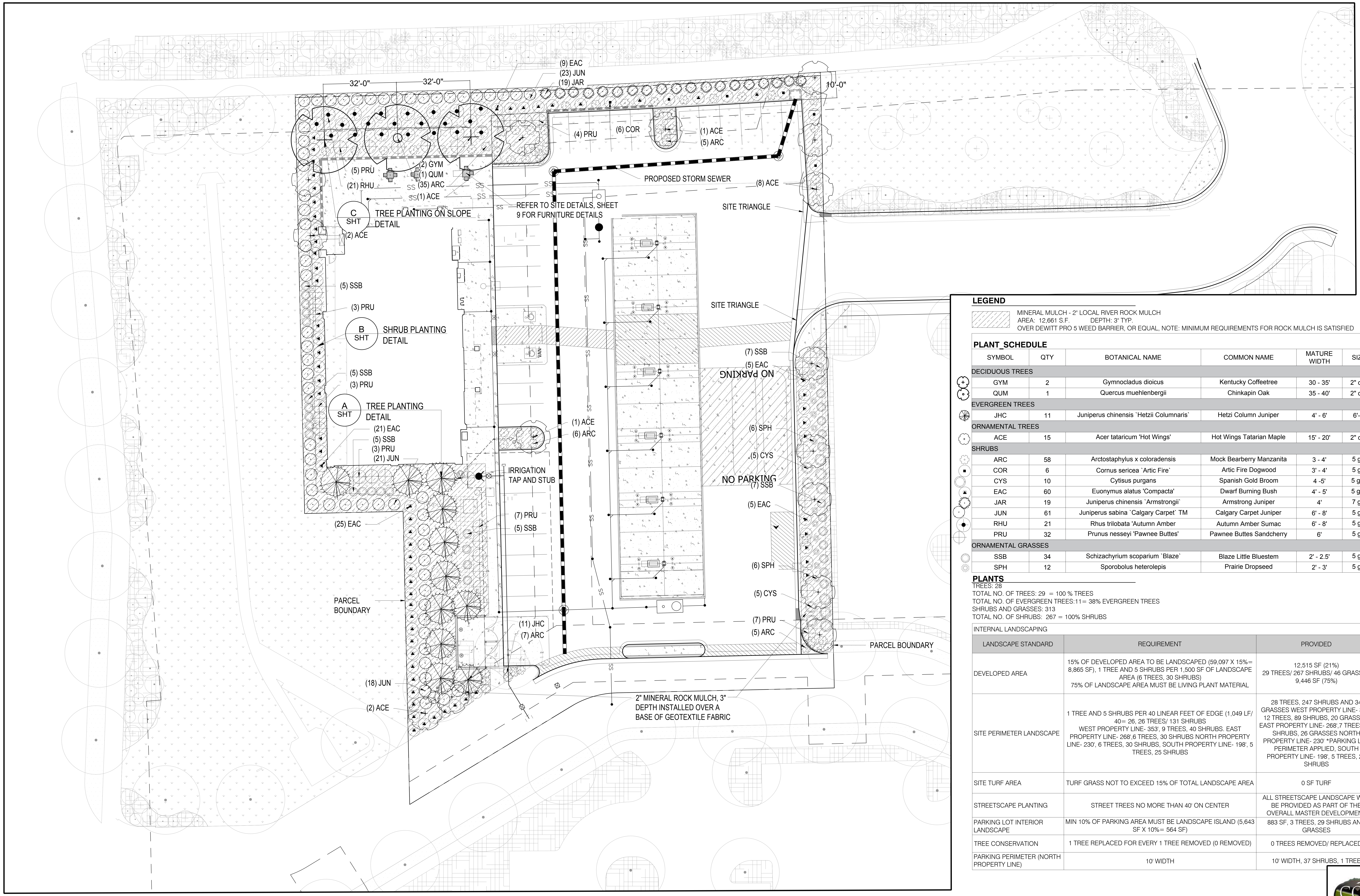
MAVERIK INC. STORE
LINCOLN AVE. AND DRANSFELDT RD.
PARKER, CO
SITE PLAN

DCI ENGINEERS
1331 17TH STREET • SUITE 605
DENVER, COLORADO 80202
PHONE: (720) 439-4700
WEBSITE: www.dci-engineers.com
CIVIL / STRUCTURAL

SITE DETAILS

LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

SITUATED IN THE NORTHWEST $\frac{1}{4}$ OF SECTIOON 15,
TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO


32'-0"
32'-0"
(9) EAC
(23) JUN
(19) JAR
10'-0"
(4) PRU
(6) COR
(1) ACE
(5) ARC
(5) PRU
(2) GYM
(1) QUM
(21) RHU
(35) ARC
(1) ACE
PROPOSED STORM SEWER
(8) ACE
REFER TO SITE DETAILS, SHEET 9 FOR FURNITURE DETAILS
SITE TRIANGLE
C
SHT
TREE PLANTING ON SLOPE DETAIL
(2) ACE
(5) SSB
(3) PRU
SITE TRIANGLE
B
SHT
SHRUB PLANTING DETAIL
(7) SSB
(5) EAC
NO PARKING
(5) SSB
(3) PRU
A
SHT
TREE PLANTING DETAIL
(21) EAC
(5) SSB
(3) PRU
(21) JUN
(1) ACE
(6) ARC
(6) SPH
(5) CYS
IRRIGATION TAP AND STUB
NO PARKING
(7) SSB
(5) EAC
(25) EAC
(7) PRU
(5) SSB
(6) SPH
PARCEL BOUNDARY
(5) CYS
(11) JHC
(7) ARC
(7) PRU
(5) ARC
PARCEL BOUNDARY
(18) JUN
(2) ACE
2" MINERAL ROCK MULCH, 3" DEPTH INSTALLED OVER A BASE OF GEOTEXTILE FABRIC
SS

LEGEND

▨ MINERAL MULCH - 2" LOCAL RIVER ROCK MULCH
AREA: 12,661 S.F. DEPTH: 3" TYP.
OVER DEWITT PRO 5 WEED BARRIER, OR EQUAL, NOTE: MINIMUM REQUIREMENTS FOR ROCK MULCH IS SATISFIED

PLANT_SCHEDULE

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	MATURE WIDTH	SIZE	SPACING	REMARKS
DECIDUOUS TREES							
GYM	2	Gymnocladus dioicus	Kentucky Coffeetree	30 - 35'	2" cal.	As Shown	B&B
QUM	1	Quercus muehlenbergii	Chinkapin Oak	35 - 40'	2" cal.	As Shown	B&B
EVERGREEN TREES							
JHC	11	Juniperus chinensis \`Hetzii Columnaris\`	Hetzi Column Juniper	4' - 6'	6'-8'	As Shown	Cont.
ORNAMENTAL TREES							
ACE	15	Acer tataricum 'Hot Wings'	Hot Wings Tatarian Maple	15' - 20'	2" cal.	As Shown	B&B
SHRUBS							
ARC	58	Arctostaphylus x coloradensis	Mock Bearberry Manzanita	3 - 4'	5 gal	48" o.c.	Cont.
COR	6	Cornus sericea \`Artic Fire\`	Artic Fire Dogwood	3' - 4'	5 gal	60" o.c.	Cont.
CYS	10	Cytisus purgans	Spanish Gold Broom	4 -5'	5 gal.	60" o.c.	Cont.
EAC	60	Euonymus alatus 'Compacta'	Dwarf Burning Bush	4' - 5'	5 gal.	60" o.c.	Cont.
JAR	19	Juniperus chinensis \`Armstrongii\`	Armstrong Juniper	4'	7 gal	As Shown	Cont.
JUN	61	Juniperus sabina \`Calgary Carpet\` TM	Calgary Carpet Juniper	6' - 8'	5 gal	60" o.c.	Cont.
RHU	21	Rhus trilobata 'Autumn Amber	Autumn Amber Sumac	6' - 8'	5 gal	60" o.c.	Cont.
PRU	32	Prunus nesseyi 'Pawnee Buttes'	Pawnee Buttes Sandcherry	6'	5 gal	60" o.c.	Cont.
ORNAMENTAL GRASSES							
SSB	34	Schizachyrium scoparium \`Blaze\`	Blaze Little Bluestem	2' - 2.5'	5 gal	48" o.c.	Cont.
SPH	12	Sporobolus heterolepis	Prairie Dropseed	2' - 3'	5 gal	48" o.c.	Cont.

PLANTS

TREES: 28
TOTAL NO. OF TREES: 29 = 100 % TREES
TOTAL NO. OF EVERGREEN TREES:11= 38% EVERGREEN TREES
SHRUBS AND GRASSES: 313
TOTAL NO. OF SHRUBS: 267 = 100% SHRUBS

INTERNAL LANDSCAPING

LANDSCAPE STANDARD	REQUIREMENT	PROVIDED
DEVELOPED AREA	15% OF DEVELOPED AREA TO BE LANDSCAPED (59,097 X 15%= 8,865 SF), 1 TREE AND 5 SHRUBS PER 1,500 SF OF LANDSCAPE AREA (6 TREES, 30 SHRUBS) 75% OF LANDSCAPE AREA MUST BE LIVING PLANT MATERIAL	12,515 SF (21%) 29 TREES/ 267 SHRUBS/ 46 GRASSES 9,446 SF (75%)
SITE PERIMETER LANDSCAPE	1 TREE AND 5 SHRUBS PER 40 LINEAR FEET OF EDGE (1,049 LF/ 40= 26, 26 TREES/ 131 SHRUBS WEST PROPERTY LINE- 353', 9 TREES, 40 SHRUBS. EAST PROPERTY LINE- 268',6 TREES, 30 SHRUBS NORTH PROPERTY LINE- 230', 6 TREES, 30 SHRUBS, SOUTH PROPERTY LINE- 198', 5 TREES, 25 SHRUBS	28 TREES, 247 SHRUBS AND 34 GRASSES WEST PROPERTY LINE- 353', 12 TREES, 89 SHRUBS, 20 GRASSES. EAST PROPERTY LINE- 268',7 TREES, 37 SHRUBS, 26 GRASSES NORTH PROPERTY LINE- 230' *PARKING LOT PERIMETER APPLIED, SOUTH PROPERTY LINE- 198', 5 TREES, 25 SHRUBS
SITE TURF AREA	TURF GRASS NOT TO EXCEED 15% OF TOTAL LANDSCAPE AREA	0 SF TURF
STREETSCAPE PLANTING	STREET TREES NO MORE THAN 40' ON CENTER	ALL STREETSCAPE LANDSCAPE WILL BE PROVIDED AS PART OF THE OVERALL MASTER DEVELOPMENT
PARKING LOT INTERIOR LANDSCAPE	MIN 10% OF PARKING AREA MUST BE LANDSCAPE ISLAND (5,643 SF X 10%= 564 SF)	883 SF, 3 TREES, 29 SHRUBS AND GRASSES
TREE CONSERVATION	1 TREE REPLACED FOR EVERY 1 TREE REMOVED (0 REMOVED)	0 TREES REMOVED/ REPLACED
PARKING PERIMETER (NORTH PROPERTY LINE)	10' WIDTH	10' WIDTH, 37 SHRUBS, 1 TREE

0 10' 20' 40' NORTH

PROJECT NUMBER

21-122-0001

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LANDSCAPE PLAN

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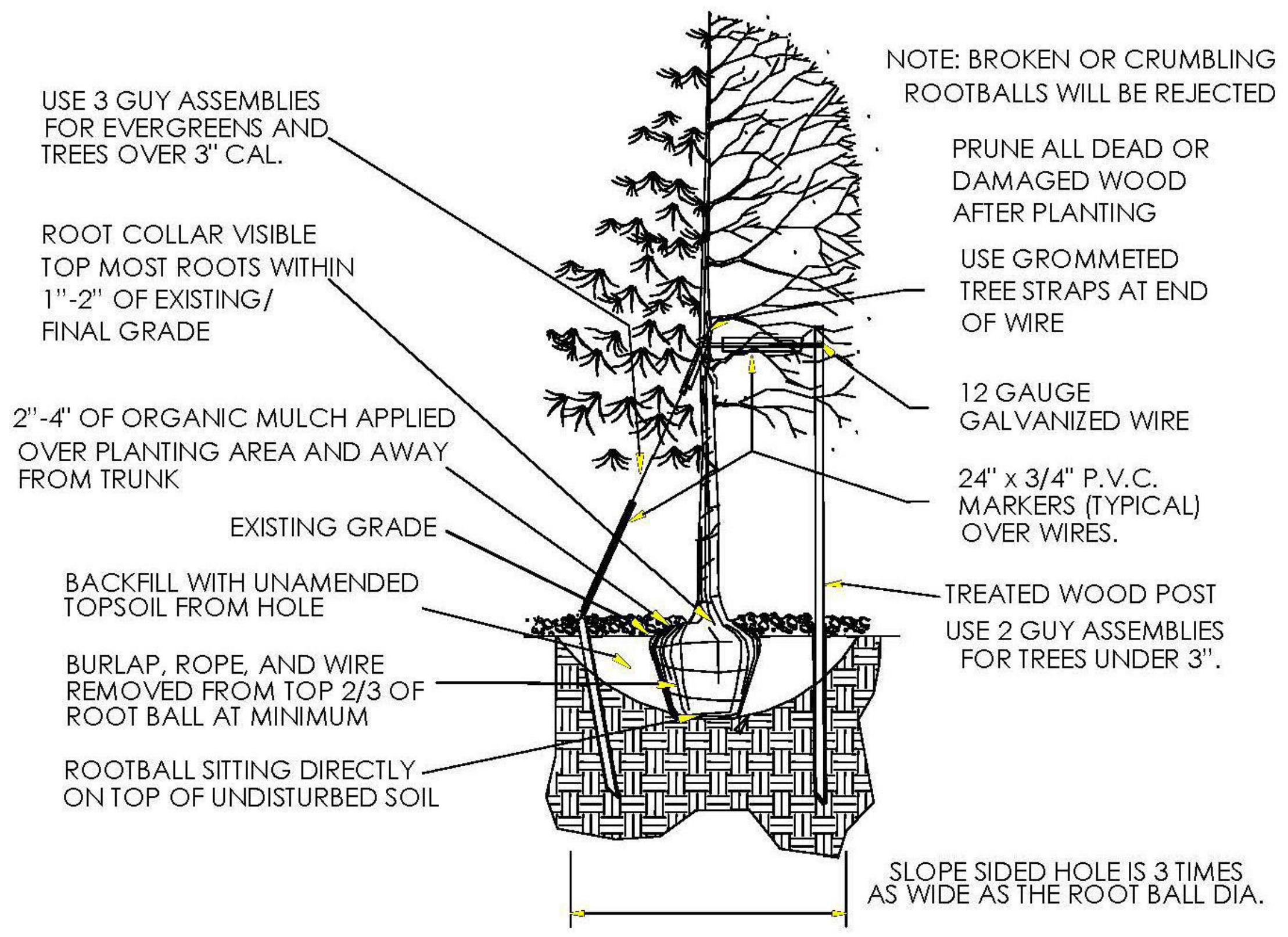
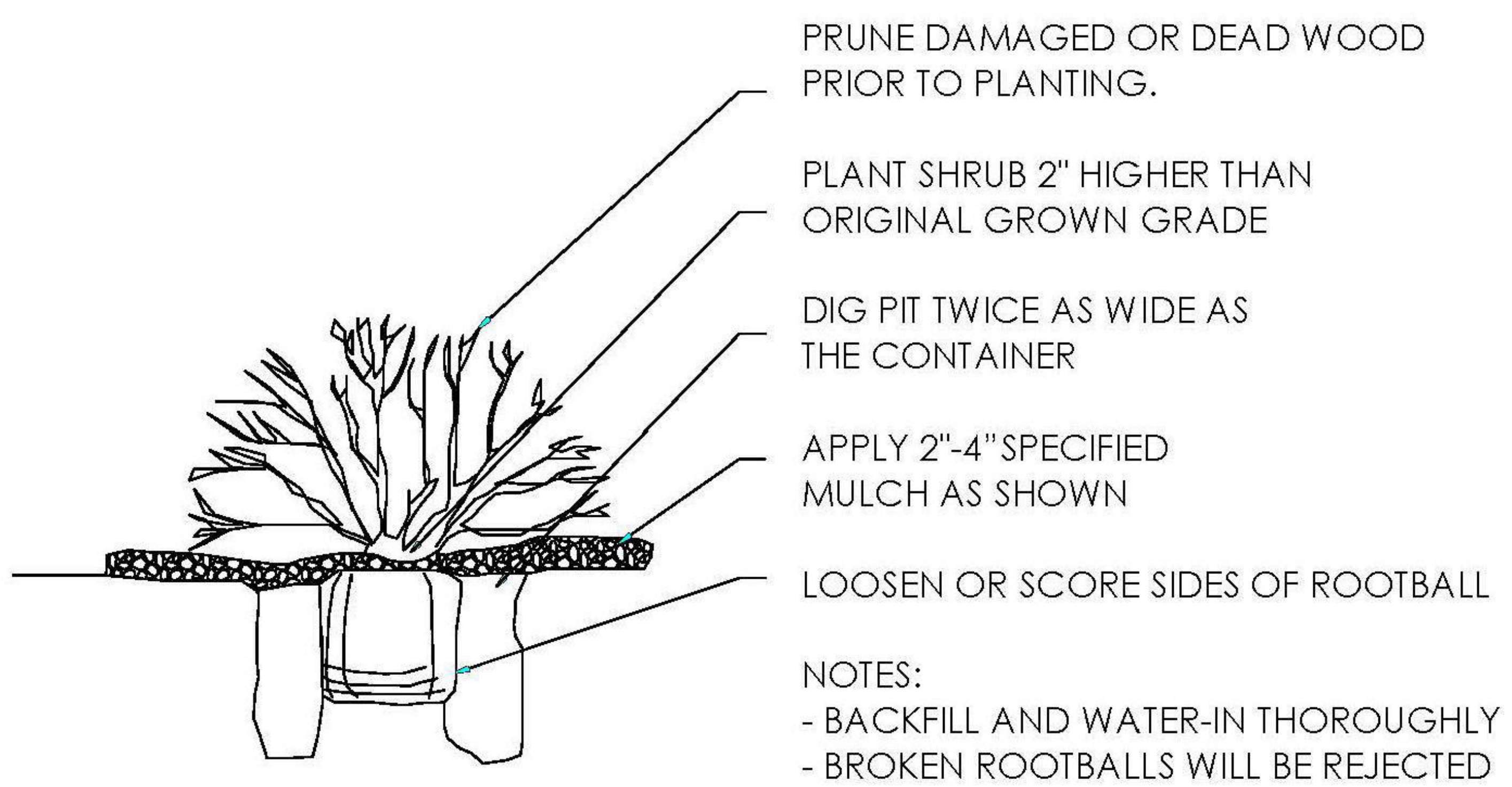

USE 3 GUY ASSEMBLIES FOR EVERGREENS AND TREES OVER 3" CAL.
ROOT COLLAR VISIBLE TOP MOST ROOTS WITHIN 1"-2" OF EXISTING/ FINAL GRADE
2"-4" OF ORGANIC MULCH APPLIED OVER PLANTING AREA AND AWAY FROM TRUNK
EXISTING GRADE
BACKFILL WITH UNAMENDED TOPSOIL FROM HOLE
BURLAP, ROPE, AND WIRE REMOVED FROM TOP 2/3 OF ROOT BALL AT MINIMUM
ROOTBALL SITTING DIRECTLY ON TOP OF UNDISTURBED SOIL
NOTE: BROKEN OR CRUMBLING ROOTBALLS WILL BE REJECTED
PRUNE ALL DEAD OR DAMAGED WOOD AFTER PLANTING
USE GROMMETED TREE STRAPS AT END OF WIRE
12 GAUGE GALVANIZED WIRE
24" x 3/4" P.V.C. MARKERS (TYPICAL) OVER WIRES.
TREATED WOOD POST
USE 2 GUY ASSEMBLIES FOR TREES UNDER 3".
SLOPE SIDED HOLE IS 3 TIMES AS WIDE AS THE ROOT BALL DIA.

- Excavate planting holes with sloping sides. Make excavations at least three times as wide as the root ball diameter and no deeper than the distance from the top most roots in the root ball to the bottom of the root ball to allow for settling. Do not disturb soil at bottom of planting holes, but do score the sides of the planting hole. The planting area shall be loosened and aerated at least three times the diameter of the root ball. Backfill shall consist of existing on site topsoil – no amendments shall be used unless otherwise specified.
- Trees shall be planted with the root collar/flare visible above grade AND two or more structural roots located within the top 1" to 2" of the root ball/finished grade measured 3" to 4" from trunk. This includes trees that are set on slopes (see slope planting detail). Trees that do not have a visible root collar shall be rejected. Do not cover the root ball with soil.
- When root ball will remain intact, cut off bottom $^{1}/_{4}$ of wire basket before placing tree in hole, cut off remainder of basket AFTER tree is set in hole, remove basket completely. At a minimum, the top 2/3 of the burlap and basket shall be removed from the root ball on all trees. Remove all nylon ties, twine, rope and burlap. Remove unnecessary packing material.
- Form soil into a 3" to 5" tall watering ring (saucer) around planting area. This is not necessary in irrigated turf areas. Apply 2" to 4" depth of specified mulch over planting area and inside saucers, away from trunk.
- Staking and guying of trees is optional in most planting situations. In areas of extreme winds, or on steep slopes, staking may be required to stabilize trees. Staking and guying must be removed within 1 year of planting date.
- Tree wrap is *not* to be used on any new plantings, except in late fall planting situations, and only then after consultation with the Town Arborist.
- Resetting of improperly planted trees will only be allowed if it is determined that doing so will in no way compromise the root ball, and shall only be done with approval of the Town Arborist.

A TOWN OF PARKER TREE PLANTING DETAIL

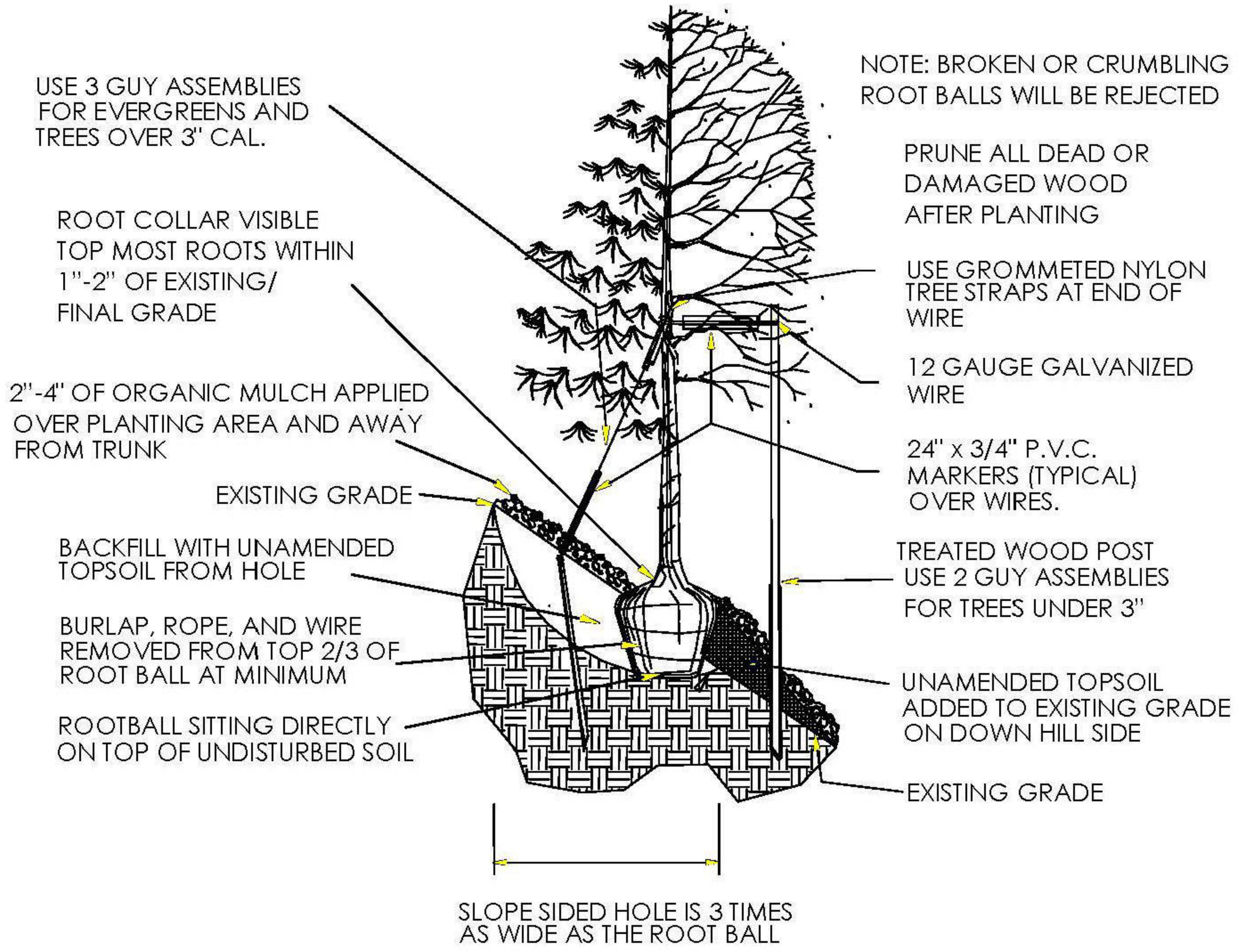
Scale: NTS


PRUNE DAMAGED OR DEAD WOOD PRIOR TO PLANTING.
PLANT SHRUB 2" HIGHER THAN ORIGINAL GROWN GRADE
DIG PIT TWICE AS WIDE AS THE CONTAINER
APPLY 2"-4" SPECIFIED MULCH AS SHOWN
LOOSEN OR SCORE SIDES OF ROOTBALL

NOTES:
- BACKFILL AND WATER-IN THOROUGHLY
- BROKEN ROOTBALLS WILL BE REJECTED

B TOWN OF PARKER SHRUB PLANTING DETAIL

Scale: NTS


USE 3 GUY ASSEMBLIES FOR EVERGREENS AND TREES OVER 3" CAL.
ROOT COLLAR VISIBLE TOP MOST ROOTS WITHIN 1"-2" OF EXISTING/ FINAL GRADE
2"-4" OF ORGANIC MULCH APPLIED OVER PLANTING AREA AND AWAY FROM TRUNK
EXISTING GRADE
BACKFILL WITH UNAMENDED TOPSOIL FROM HOLE
BURLAP, ROPE, AND WIRE REMOVED FROM TOP 2/3 OF ROOT BALL AT MINIMUM
ROOTBALL SITTING DIRECTLY ON TOP OF UNDISTURBED SOIL
NOTE: BROKEN OR CRUMBLING ROOT BALLS WILL BE REJECTED
PRUNE ALL DEAD OR DAMAGED WOOD AFTER PLANTING
USE GROMMETED NYLON TREE STRAPS AT END OF WIRE
12 GAUGE GALVANIZED WIRE
24" x 3/4" P.V.C. MARKERS (TYPICAL) OVER WIRES.
TREATED WOOD POST USE 2 GUY ASSEMBLIES FOR TREES UNDER 3"
UNAMENDED TOPSOIL ADDED TO EXISTING GRADE ON DOWN HILL SIDE
EXISTING GRADE
SLOPE SIDED HOLE IS 3 TIMES AS WIDE AS THE ROOT BALL

C TOWN OF PARKER TREE PLANTING ON SLOPE DETAIL

Scale: NTS

GENERAL PLANTING NOTES

1. THE CONTRACTOR SHALL BE FAMILIAR WITH THE SITE CONDITIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING CONSTRUCTION. SHOULD THE CONTRACTOR CAUSE DAMAGE TO ANY UTILITIES, CONTRACTOR SHALL MAKE NECESSARY REPAIRS AS QUICKLY AS PRACTICABLE, AT OWN EXPENSE.
2. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING, IN FULL, ALL PLANTING AREAS (INCLUDING WATERING, SPRAYING, MULCHING, MOWING, FERTILIZING, ETC.) UNTIL THE JOB IS ACCEPTED, IN FULL, BY THE LANDSCAPE ARCHITECT AND OWNER.
3. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS AND DISEASE. ALL PLANTS SHALL BE ANA #1 OR BETTER (ACCORDING TO "AMERICAN STANDARDS FOR NURSERY STOCK") AND ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT AND OWNER BEFORE, DURING, AND AFTER INSTALLATION.
4. CONTRACTOR TO STAKE BED LINES IN FIELD FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO COMMENCEMENT OF PLANTING.
5. ALL TREES MUST BE STRAIGHT TRUNKED, FULL HEADED, AND MEET ALL REQUIREMENTS SPECIFIED.
6. ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
7. CONTRACTOR SHALL ASSURE DRAINAGE AND PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION OF PLANT MATERIAL. CONTRACTOR SHALL FILL ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE THAT PROPER DRAINAGE AND PERCOLATION IS AVAILABLE. CORRECT IF REQUIRED TO ASSURE PERCOLATION. CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ALL PLANTS LOST DUE TO INADEQUATE DRAINAGE CONDITIONS.
8. ALL PLANTED AREAS SHALL BE MULCHED WITH 3" LOOSE MEASURE OF APPROVED MULCH.
9. CONTRACTOR TO GUARANTEE PLANT MATERIAL THRU WRITTEN WARRENTY TO OWNER FOR A PERIOD OF 12 MONTHS AFTER DATE OF SUBSTANTIAL COMPLETION.
10. CONTRACTOR TO REQUEST INSPECTION OF PROJECT IN WRITING. IF ALL WORK IS SATISFACTORY AND COMPLETE IN ACCORDANCE WITH CONDITIONS OF CONTRACT DOCUMENTS, THEN THE LANDSCAPE ARCHITECT SHALL DECLARE THE PROJECT SUBSTANTIALLY COMPLETE.
11. CONTRACTOR TO REPLACE REJECTED PLANT MATERIAL WITHIN TWO WEEKS OF NOTICE.
    CONTRACTOR IS TO FAMILIARIZE HIMSELF WITH THE LAYOUT, GRADING AND CIVIL ENGINEERING DOCUMENTS TO COORDINATE ACTUAL LOCATION OF TREES AND SHRUBS. OBTAIN THE LANDSCAPE ARCHITECT'S APPROVAL OF FINISH GRADING PRIOR TO THE START OF PLANTING.
12. ANY CHANGES TO THE APPROVED LANDSCAPE PLAN WILL REQUIRE APPROVAL BY THE TOWN PRIOR TO INSTALLATION. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT AND THE OWNER'S REPRESENTATIVE PRIOR TO DELIVERY TO THE SITE.
13. STAKE LOCATIONS OF ALL PROPOSED TREES FOR APPROVAL BY THE ARCHITECT AND THE OWNER'S REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF PLANTING.
14. SEE SPECIFICATIONS FOR PLANTING REQUIREMENTS, SOIL PREPARATION TESTING, MATERIALS,EXECUTION, AND MAINTENANCE.
15. SEE DETAILS AND SPECIFICATIONS FOR STAKING METHOD, PLANT PIT DIMENSIONS AND BACKFILL REQUIREMENTS. TREE STAKING SHALL BE REMOVED 1 YEAR POST WARRENTY.
16. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE 48 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULES.
17. ALL TREES OF THE SAME SPECIES AND SIZE SHALL HAVE MATCHING HEIGHT AND FORM UNLESS OTHERWISE NOTED ON THE PLANS.
18. IF CONFLICTS ARISE BETWEEN SIZE OF AREAS AND PLANS, CONTRACTOR SHALL CONTACT OWNER'S REPRESENTATIVE FOR IMMEDIATE RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN TO THE OWNER'S REPRESENTATIVE WILL RESULT IN CONTRACTOR'S LIABILITY TO RELOCATE THE MATERIALS.
19. CONTRACTOR IS RESPONSIBLE TO DO THEIR OWN QUANTITY TAKEOFFS FOR ALL PLANT MATERIALS AND SIZES SHOWN ON PLANS. SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING BED AS SHOWN ON THE DRAWINGS.
20. PLANT CROWN ELEVATIONS RELATIVE TO FINISH GRADE ARE SHOWN ON PLANTING DETAILS AND SHALL BE STRICTLY ADHERED TO. PROPER COMPACTION OF BACKFILL TO PREVENT SETTLEMENT SHALL BE REQUIRED.
21. THE LANDSCAPE CONTRACTOR SHALL COORDINATE WITH THE DESIGN LANDSCAPE ARCHITECT REGARDING THE REQUIRED SOIL ANALYSIS REPORT AND IS RESPONSIBLE FOR COMPLETING THE SOIL SAMPLING AND SUBMITTING THE SAMPLES TO A SOILS TESTING LAB FOR TESTING. THIS WOULD INCLUDE A SEPARATE LAB TEST REPORT AND RECOMMENDATIONS (AMENDMENT/FERTILIZER AMOUNTS AND APPLICATION RATES) FOR EACH TYPE OF PROPOSED LANDSCAPING (SHRUB BEDS/SOD/NATIVE SEED). THE SOILS LAB RESULTS AND RECOMMENDATIONS ARE REQUIRED TO BE REVIEWED AND APPROVED BY THE DESIGN LANDSCAPE ARCHITECT AND THE CITY OF COLORADO SPRINGS PRIOR TO INSTALLING ANY LANDSCAPING (PLANTS/SOD/NATIVE SEED) ONSITE
22. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST THE LOCATION OF PLANT MATERIAL DURING INSTALLATION AS APPROPRIATE TO THE PROJECT.
23. ALL LANDSCAPED AREAS SHALL BE IRRIGATED WITH A WATER EFFICIENT IRRIGATION SYSTEM. ALL TURF GRASS AREAS WILL BE ON SPRINKLED WITH STREAM-SPRAY WATER SAVING SPRINKLER ZONES, AND ALL PLANTING AREAS WILL BE WATERED WITH A POINT-SOURCE DRIP IRRIGATION SYSTEM. ALL IRRIGATION WILL BE CONTROLLED BY A MASTER CONTROL VALVE WITH A RAIN-SENSOR MODULE.
24. AN IRRIGATION PLAN SHALL BE SUBMITTED AND REVIEWED CONCURRENT WITH THE BUILDING PERMIT SUBMITTAL, AND APPROVED PRIOR TO ISSUANCE OF A BUILDING PERMIT.
25. LANDSCAPE IMPROVEMENT AND MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER, AND/OR THEIR ASSIGNS

COLORADO 811
KNOW WHAT'S BELOW. CALL BEFORE YOU DIG.

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NOTES

1. INSTALL SYSTEM TO IRRIGATE NEW LANDSCAPING. SPRINKLERS IRRIGATE SOD AREAS. DRIP WILL IRRIGATE NEW TREE AND SHRUB PLANTINGS IN PLANTING BEDS. TEMPORARY SPRINKLER IRRIGATION IS PROVIDED FOR ESTABLISHMENT OF NATIVE SEED AREAS. WATER SOURCE WILL BE TO IRRIGATION SERVICE LINE AT LOCATION INDICATED. IRRIGATION BACKFLOW IS LOCATED IN WATER ENTRY ROOM.

2. SYSTEM IS DESIGNED FOR A DYNAMIC PRESSURE OF 65 PSI AT 12 GPM. VERIFY DYNAMIC PRESSURE ONSITE BEFORE INSTALLATION OF SYSTEM.

3. CONTROL WILL BE VIA NEW IRRIGATION CONTROLLER WALL MOUNTED ON ENCLOSURE ADJACENT TO THE POINT OF CONNECTION. CONTROL WILL BE VIA TWO WIRE PATH. INSTALL DECODERS AND GROUNDING PER MANUFACTURER'S RECOMMENDATION. INSTALL CONTROL CABLE NOT ADJACENT TO MAINLINE IN CONDUIT.

4. THE ENTIRE INSTALLATION SHALL FULLY COMPLY WITH ALL LOCAL AND STATE LAWS AND ORDINANCES AND WITH ALL THE ESTABLISHED APPLICABLE CODES.

5. UTILITY LOCATES ("CALL BEFORE YOU DIG"): ARRANGE FOR AND COORDINATE WITH GENERAL CONTRACTOR AND LOCAL AUTHORITIES THE LOCATION OF ALL UNDERGROUND UTILITIES. CALL 1-800-849-2476.

6. WARRANTY IRRIGATION SYSTEM FOR ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF WORK.

7. DO NOT PROCEED WITH THE INSTALLATION OF IRRIGATION COMPONENTS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS OR GRADE DIFFERENCES EXIST THAT WERE NOT CONSIDERED IN THE ENGINEERING. IF DISCREPANCIES IN THE CONSTRUCTION DOCUMENTS OR FIELD CONDITIONS EXIST, BRING THEM TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.

8. SLEEVING WILL BE INSTALLED BY THE IRRIGATION CONTRACTOR. SLEEVES ARE REQUIRED FOR BOTH PIPING AND CONTROL WIRING AT EACH HARDSCAPE CROSSING. SIZE SLEEVES TO BE TWICE THE SIZE OF THE PIPE OR WIRE BUNDLE THAT IS CARRIED IN SAID SLEEVE.

9. MAINLINE PIPE:
   - a. USE CLASS 200 SDR 21 NSF APPROVED RIGID PVC PIPE.
   - b. USE SOLVENT WELD PIPE.
   - c. USE SCHEDULE 40, TYPE 1, PVC SOLVENT WELD FITTINGS. USE PRIMER APPROVED BY THE PIPE MANUFACTURER.
   - d. MAINLINE PIPE IS 1.5" NOMINAL SIZE UNLESS INDICATED OTHERWISE.
   - e. CONDUCT A MAINLINE PRESSURE TEST AT AVAILABLE PRESSURE OVER ONE HOUR, ALLOWABLE PRESSURE DROP IS 5 PSI.
   - f. MAINLINE PIPE TO BE BURIED WITH 24-INCHES OF COVER.

10. DRIP TUBING:
    - a. USE U.V. RESISTANT POLYETHYLENE RATED FOR 60 PSI.
    - b. USE COMPRESSION FITTINGS PER MANUFACTURER RECOMMENDATION.
    - c. DRIP TUBING TO BE BURIED WITH 4-INCHES OF COVER.

11. COMPACT TRENCHES IN 6-INCH LIFTS TO 90% PROCTOR DENSITY. PUDDLING OF TRENCHES IS NOT ALLOWED.

12. PROVIDE TWO (2) OPERATING KEYS FOR EACH TYPE OF MANUALLY OPERATED VALVE.

13. FURNISH ACCURATE REPRODUCIBLE “AS-BUILT” DRAWINGS SHOWING FIELD CHANGES IN LAYOUT AND EQUIPMENT INSTALLATION. AS-BUILT DRAWINGS TO BE PLOTTED OUT FULL SCALE ALSO INCLUDE AN ELECTRONIC COPIES IN AUTOCAD AND ADOBE ACROBAT (PDF) FORMAT.

14. CLEAN UP ALL DEBRIS RELATED TO THE JOB, AND LEAVE THE SITE IN A CLEAN TIDY CONDITION.

15. TEST AND DEMONSTRATE TO THE OWNER'S REPRESENTATIVE THE SATISFACTORY OPERATION OF THE SYSTEM.

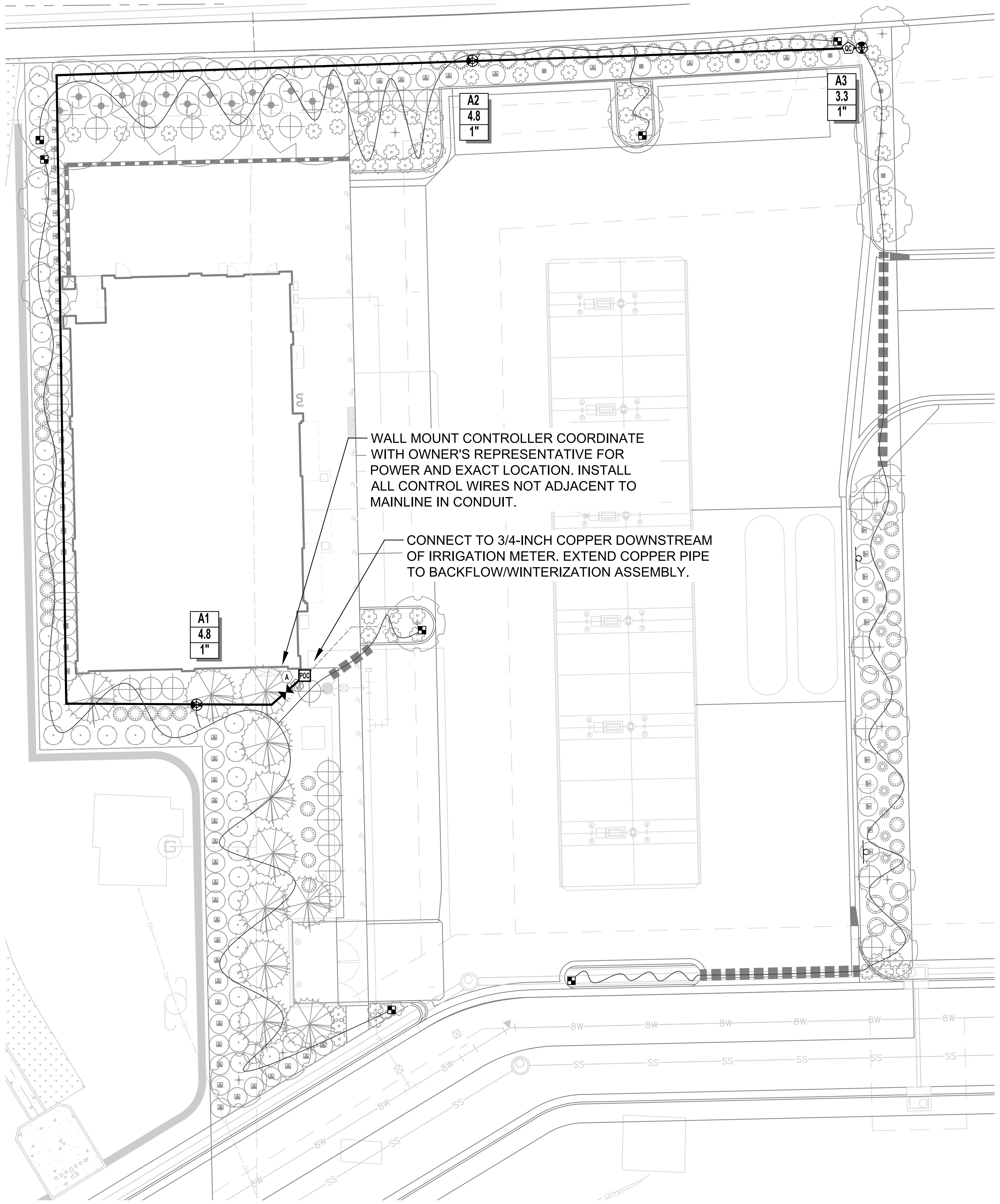
Irrigation Schedule
Maverik Store, Parker CO

Station	Plant Type	Flow (GPM)	Area (Sq.Ft.)	Application Rate (In/Hr)	Daily Runtime (min)
A1	Trees/Shrubs	4.8	6351	0.07	20*
A2	Trees/Shrubs	4.8	4045.7	0.11	20*
A3	Trees/Shrubs	3.3	2484.8	0.13	20*

* DRIP ZONES TO RUN 20 MINUTES DAILY FOR ESTABLISHMENT ONLY. AFTER PLANTS ARE ESTABLISHED, SCHEDULE DRIP ZONES TO RUN 45 MINUTES, TWICE A WEEK.

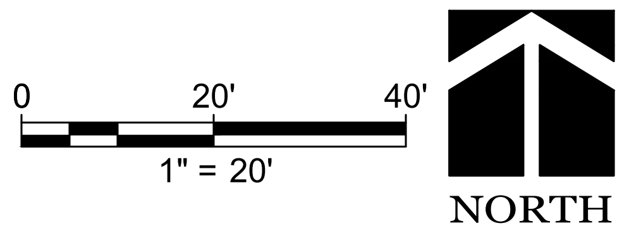
IRRIGATION LEGEND

━━	MAINLINE: CL200 PVC, 1-INCH
∼	DRIP TUBING: U.V. RESISTANT HDPE, 60PSI, 0.75-INCH
▬ ▬ ▬	SLEEVING: CL200 PVC, 2X NOMINAL SIZE OF CONTAINED PIPE OR WIRE BUNDLE
POC	POINT OF CONNECTION
⋈	BACKFLOW PREVENTION/ WINTERIZATION ASSEMBLY
QC	QUICK COUPLER ASSEMBLY
⊕	DRIP REMOTE CONTROL VALVE: RAIN BIRD XCZ-100-PRB-LC
▚	DRIP FLUSH CAP
A	IRRIGATION CONTROLLER: RAIN BIRD ESP-LXD-IQ4



WALL MOUNT CONTROLLER COORDINATE WITH OWNER'S REPRESENTATIVE FOR POWER AND EXACT LOCATION. INSTALL ALL CONTROL WIRES NOT ADJACENT TO MAINLINE IN CONDUIT.

CONNECT TO 3/4-INCH COPPER DOWNSTREAM OF IRRIGATION METER. EXTEND COPPER PIPE TO BACKFLOW/WINTERIZATION ASSEMBLY.



PROJECT NUMBER

21-122-0001

ISSUE DATE:

March 10, 2022

REVISIONS:

No.	Date	Description
1	5–24–22	CITY REVIEW
2	7–13–22	CITY REVIEW
3	10-19-22	CITY REVIEW
4	10-26-22	CITY REVIEW

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MAVERIK

MAVERIK INC. STORE
LINCOLN AVE. AND DRANSFELDT RD.
PARKER, CO
SITE PLAN

DCI ENGINEERS
1331 17TH STREET • SUITE 605
DENVER, COLORADO 80202
PHONE: (720) 439-4700
WEBSITE: www.dci-engineers.com
CIVIL / STRUCTURAL

COLORADO 811

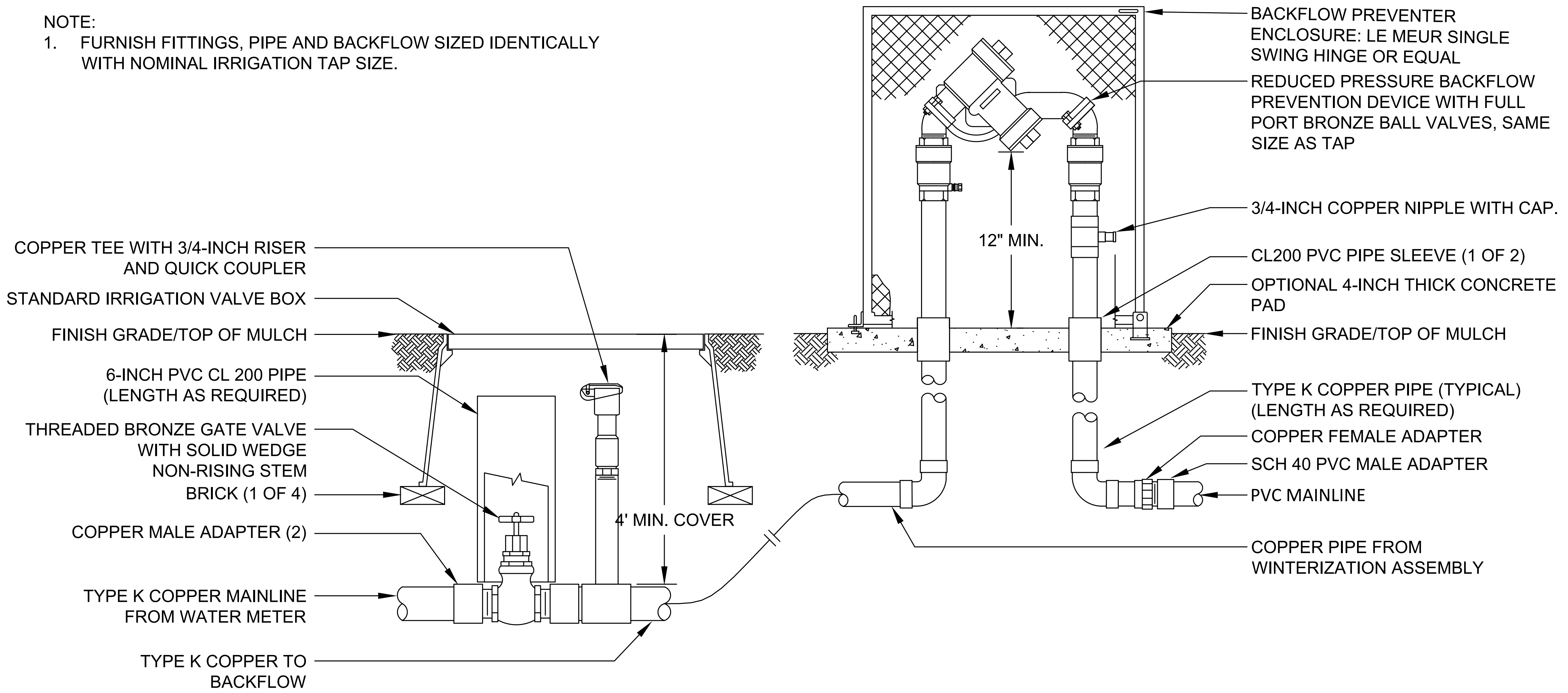
IRRIGATION PLAN

Plot Date: 2022-10-11 File Location: C:\Users\teva\Dropbox\Ally\Russell Mills\Maverik\Parker\drawings\I-Maverik.dwg

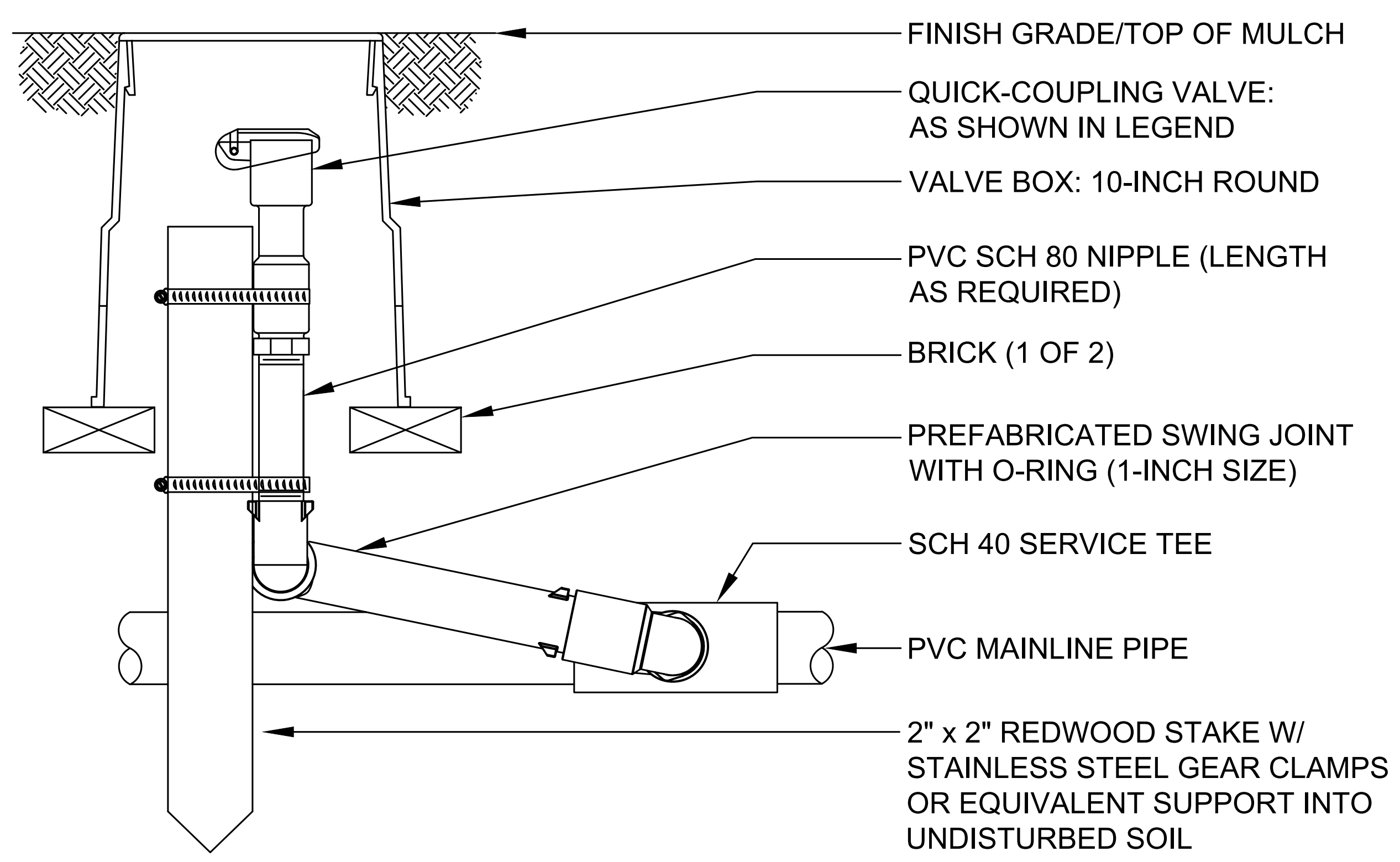
LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

SITUATED IN THE NORTHWEST $\frac{1}{4}$ OF SECTIOON 15,
TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

NOTE:
1. FURNISH FITTINGS, PIPE AND BACKFLOW SIZED IDENTICALLY WITH NOMINAL IRRIGATION TAP SIZE.

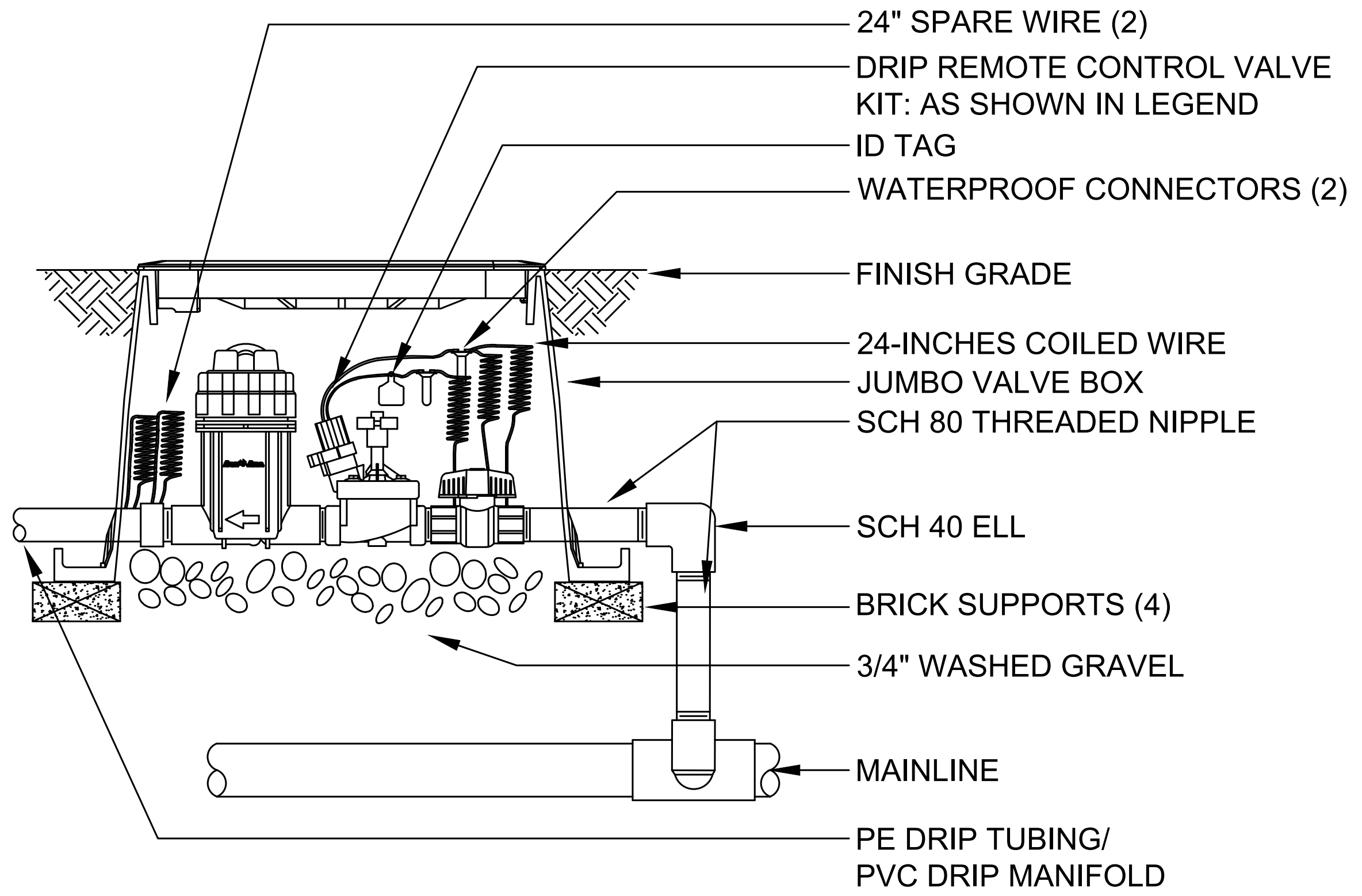

BACKFLOW PREVENTER ENCLOSURE: LE MEUR SINGLE SWING HINGE OR EQUAL
REDUCED PRESSURE BACKFLOW PREVENTION DEVICE WITH FULL PORT BRONZE BALL VALVES, SAME SIZE AS TAP
12" MIN.
3/4-INCH COPPER NIPPLE WITH CAP.
CL200 PVC PIPE SLEEVE (1 OF 2)
OPTIONAL 4-INCH THICK CONCRETE PAD
FINISH GRADE/TOP OF MULCH
TYPE K COPPER PIPE (TYPICAL) (LENGTH AS REQUIRED)
COPPER FEMALE ADAPTER
SCH 40 PVC MALE ADAPTER
PVC MAINLINE
COPPER PIPE FROM WINTERIZATION ASSEMBLY
COPPER TEE WITH 3/4-INCH RISER AND QUICK COUPLER
STANDARD IRRIGATION VALVE BOX
FINISH GRADE/TOP OF MULCH
6-INCH PVC CL 200 PIPE (LENGTH AS REQUIRED)
THREADED BRONZE GATE VALVE WITH SOLID WEDGE NON-RISING STEM
BRICK (1 OF 4)
4' MIN. COVER
COPPER MALE ADAPTER (2)
TYPE K COPPER MAINLINE FROM WATER METER
TYPE K COPPER TO BACKFLOW

1 BACKFLOW PREVENTION ASSEMBLY

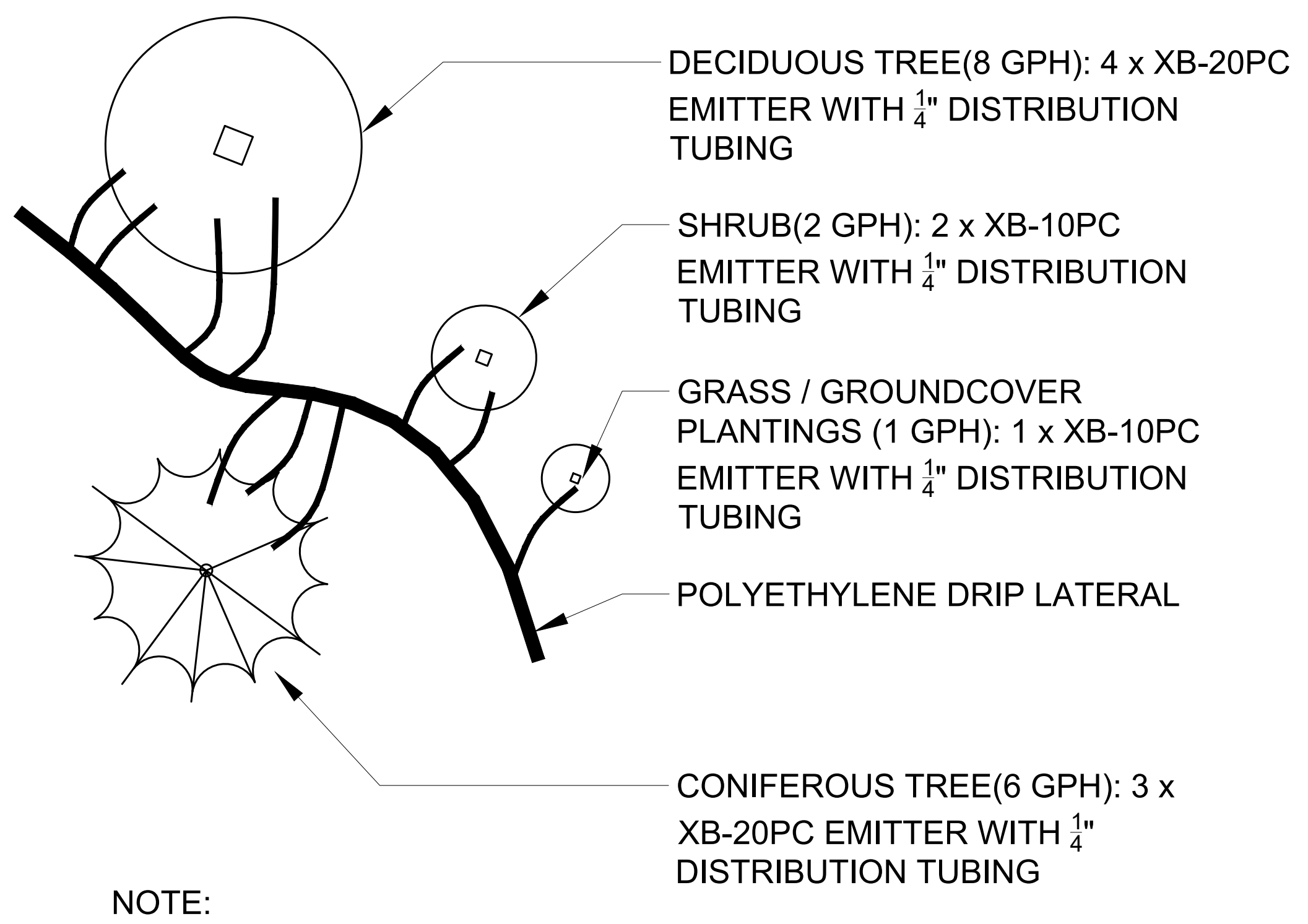

FINISH GRADE/TOP OF MULCH
QUICK-COUPLING VALVE: AS SHOWN IN LEGEND
VALVE BOX: 10-INCH ROUND
PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
BRICK (1 OF 2)
PREFABRICATED SWING JOINT WITH O-RING (1-INCH SIZE)
SCH 40 SERVICE TEE
PVC MAINLINE PIPE
2" x 2" REDWOOD STAKE W/ STAINLESS STEEL GEAR CLAMPS OR EQUIVALENT SUPPORT INTO UNDISTURBED SOIL

NOTE:
1. FURNISH FITTINGS AND PIPING NOMINALLY SIZED IDENTICAL TO NOMINAL QUICK COUPLING VALVE INLET SIZE.

2 QUICK COUPLING VALVE ASSEMBLY

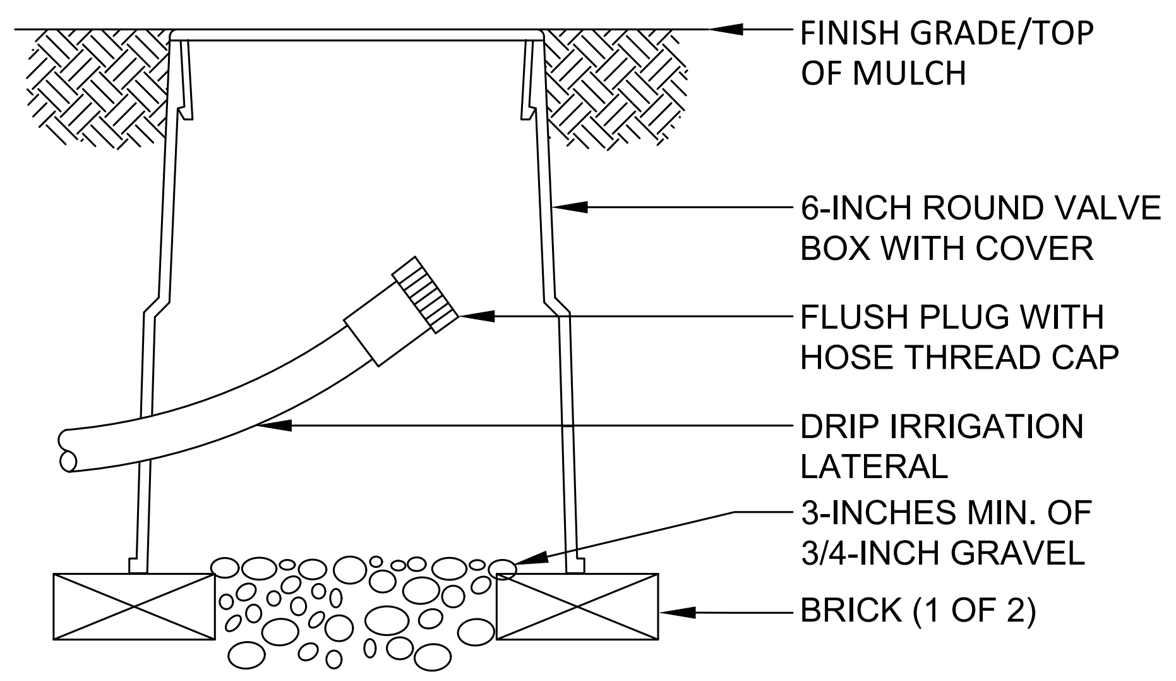

24" SPARE WIRE (2)
DRIP REMOTE CONTROL VALVE KIT: AS SHOWN IN LEGEND
ID TAG
WATERPROOF CONNECTORS (2)
FINISH GRADE
24-INCHES COILED WIRE
JUMBO VALVE BOX
SCH 80 THREADED NIPPLE
SCH 40 ELL
BRICK SUPPORTS (4)
3/4" WASHED GRAVEL
MAINLINE
PE DRIP TUBING/ PVC DRIP MANIFOLD

3 DRIP REMOTE CONTROL VALVE ASSEMBLY


DECIDUOUS TREE(8 GPH): 4 x XB-20PC EMITTER WITH $\frac{1}{4}$" DISTRIBUTION TUBING
SHRUB(2 GPH): 2 x XB-10PC EMITTER WITH $\frac{1}{4}$" DISTRIBUTION TUBING
GRASS / GROUNDCOVER PLANTINGS (1 GPH): 1 x XB-10PC EMITTER WITH $\frac{1}{4}$" DISTRIBUTION TUBING
POLYETHYLENE DRIP LATERAL
CONIFEROUS TREE(6 GPH): 3 x XB-20PC EMITTER WITH $\frac{1}{4}$" DISTRIBUTION TUBING

NOTE:
1. MAXIMUM LENGHT OF $\frac{1}{4}$" DISTRIBUTION TUBING IS 5-FEET
2. STAKE ENDS OF DISTRIBUTION TUBING ON UPHILL SIDE OF PLANT.

4 TYPICAL EMITTER PLACEMENT & SCHEDULE


FINISH GRADE/TOP OF MULCH
6-INCH ROUND VALVE BOX WITH COVER
FLUSH PLUG WITH HOSE THREAD CAP
DRIP IRRIGATION LATERAL
3-INCHES MIN. OF 3/4-INCH GRAVEL
BRICK (1 OF 2)

5 DRIP FLUSH CAP ASSEMBLY

Plot Date: 2022-10-11 File Location: C:\Users\teva\Dropbox\Ally\Russell Mills\Maverik\Parker\drawings\I-Maverik.dwg

PROJECT NUMBER

21-122-0001

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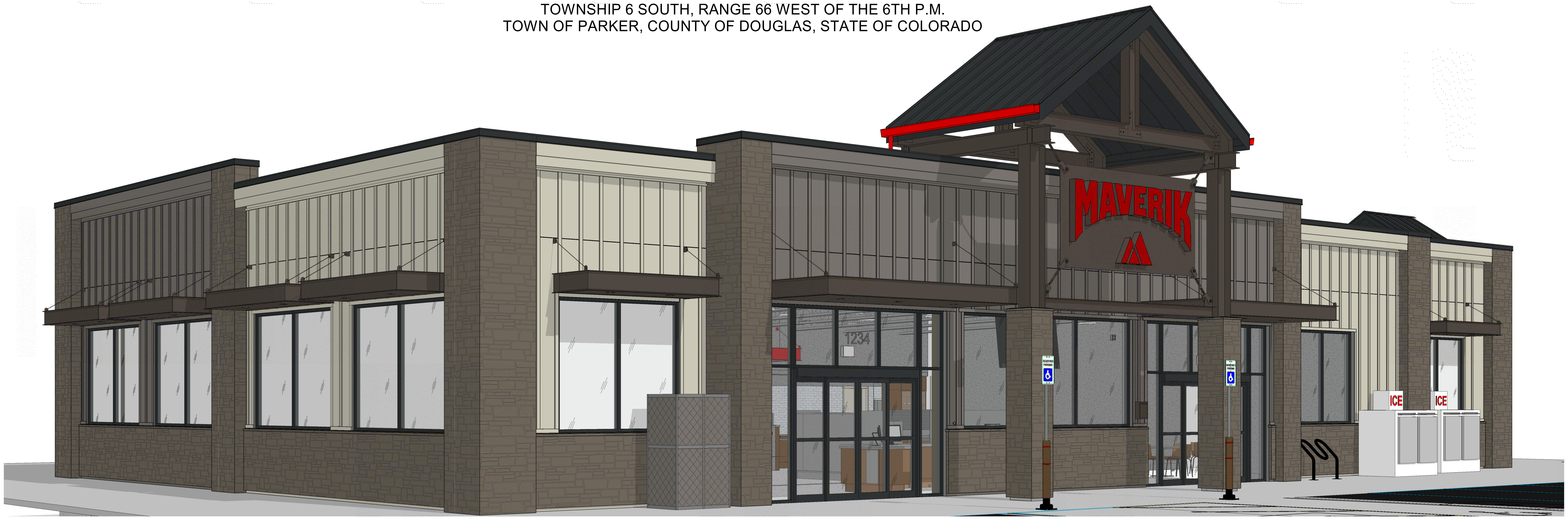
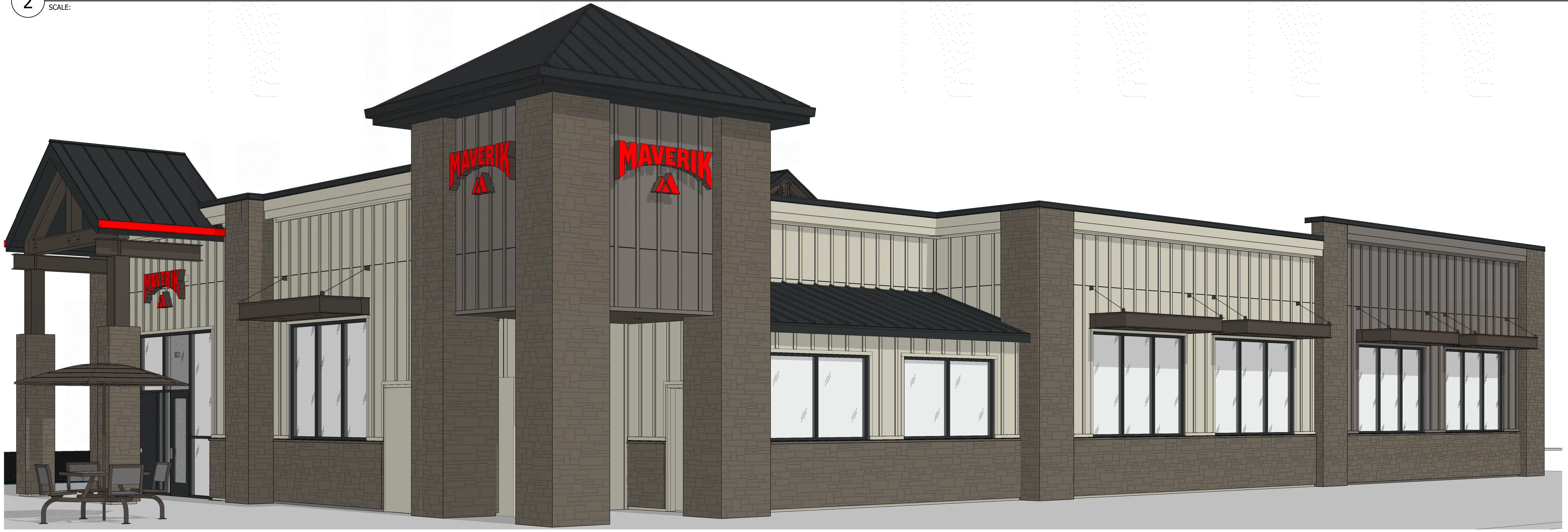
IRRIGATION DETAILS

LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

SITUATED IN THE NORTHWEST OF SECTION 15,
TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO



2 SOUTHEAST BUILDING PERSPECTIVE
SCALE:



1 NORTHWEST BUILDING PERSPECTIVE
SCALE:

D:\Local Revit Files\50_R_RR_CO_Parker_Brigham.Davies.rvt

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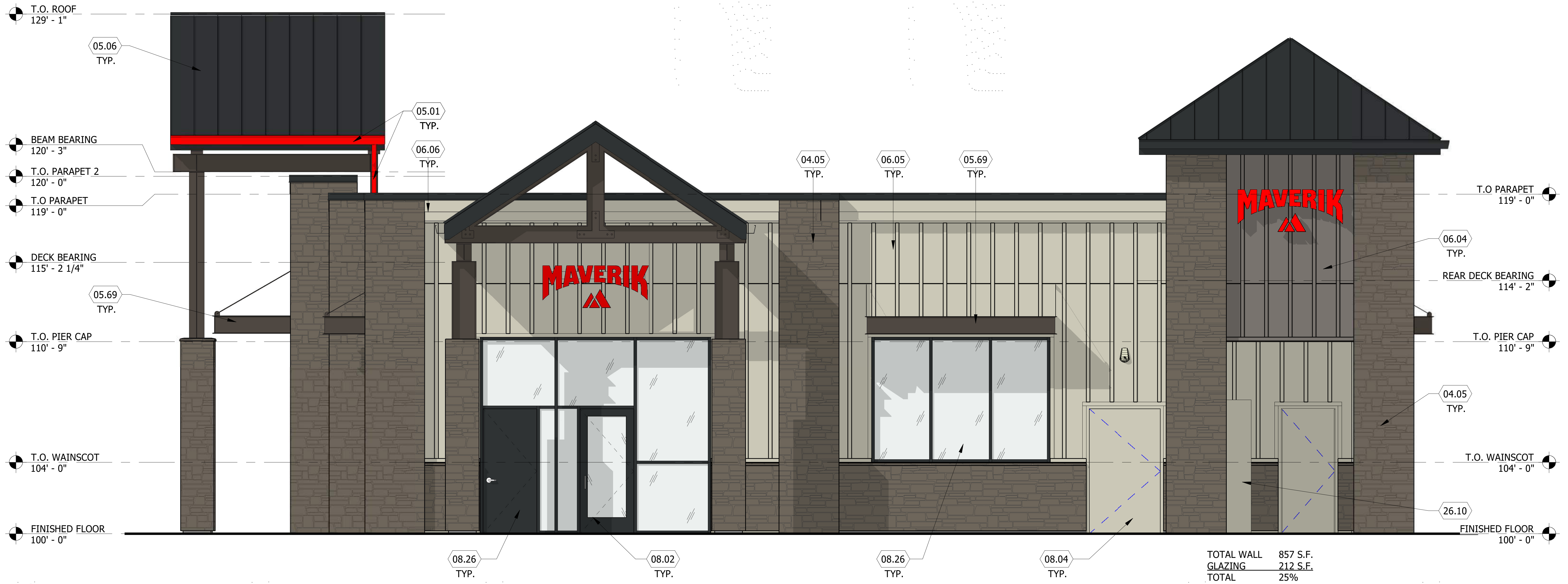
PERSPECTIVE VIEWS

LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

SITUATED IN THE NORTHWEST OF SECTION 15,
TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

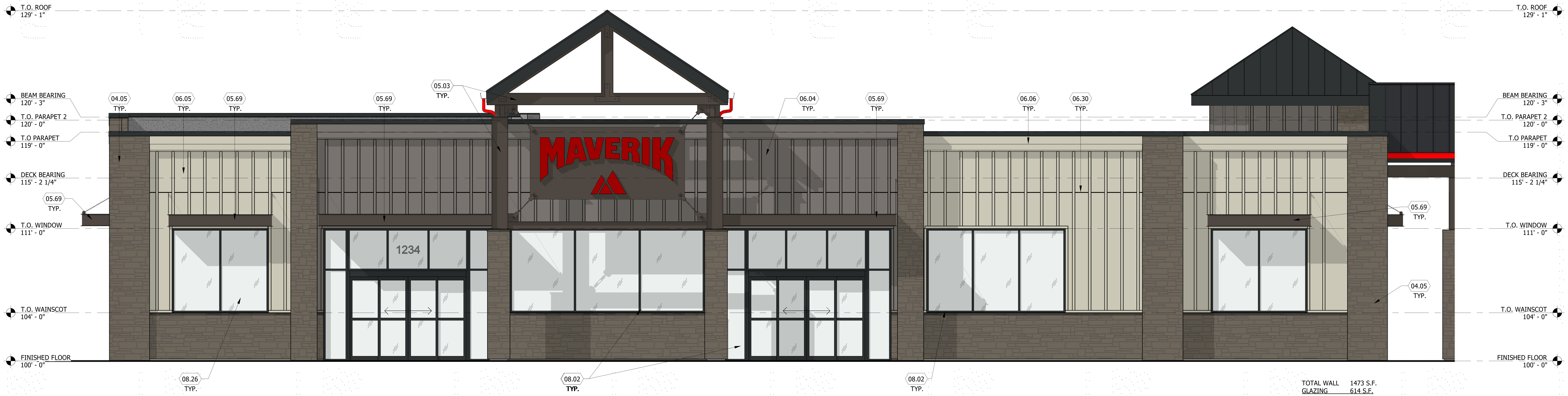
KEYED NOTES

04.05	NATURAL STONE
05.01	PRE-FINISHED GUTTER AND DOWNSPOUT, BRITE RED, C-2
05.03	STEEL, PAINTED, SHERWIN WILLIAMS SW 7020 - BLACK FOX
05.06	MBCI PRE-FINISHED METAL ROOF, 1 3/4" STANDING SEAM, MIDNIGHT BRONZE, C-1
05.69	STEEL AWNING, COLOR SHERWIN WILLIAMS SW 7020 - BLACK FOX
06.04	FIBER CEMENT BOARD & BATTEN SIDING, PAINTED, SHERWIN WILLIAMS SW 7019 - GAUNTLET GRAY, BB-2
06.05	FIBER CEMENT BOARD & BATTEN SIDING, PAINTED, SHERWIN WILLIAMS SW 7043 - WORLDLY GRAY, BB-1
06.06	FIBER CEMENT TRIM, PAINTED, SHERWIN WILLIAMS SW 7043 - WORLDLY GRAY
06.30	HORIZONTAL JOINT IN SIDING
08.02	ALUMINUM STOREFRONT SYSTEM, DARK BRONZE
08.04	HOLLOW METAL DOOR AND FRAME, PAINTED AGED PEWTER
08.26	STOREFRONT SYSTEM WITH CLEAR GLAZING
26.10	MAIN DISTRIBUTION PANEL, PAINTED TO MATCH BUILDING


T.O. ROOF
129' - 1"
05.06
TYP.
BEAM BEARING
120' - 3"
T.O. PARAPET 2
120' - 0"
T.O PARAPET
119' - 0"
DECK BEARING
115' - 2 1/4"
05.69
TYP.
T.O. PIER CAP
110' - 9"
T.O. WAINSCOT
104' - 0"
FINISHED FLOOR
100' - 0"
05.01
TYP.
06.06
TYP.
MAVERIK
04.05
TYP.
06.05
TYP.
05.69
TYP.
MAVERIK
T.O PARAPET
119' - 0"
06.04
TYP.
REAR DECK BEARING
114' - 2"
T.O. PIER CAP
110' - 9"
04.05
TYP.
T.O. WAINSCOT
104' - 0"
26.10
FINISHED FLOOR
100' - 0"
08.26
TYP.
08.02
TYP.
08.26
TYP.
08.04
TYP.

TOTAL WALL	857 S.F.	
GLAZING	212 S.F.	
TOTAL	25%	

2 NORTH ELEVATION
SCALE: 1/4" = 1'-0"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115' - 2 1/4"
05.69
TYP.
T.O. WINDOW
111' - 0"
T.O. WAINSCOT
104' - 0"
FINISHED FLOOR
100' - 0"
04.05
TYP.
06.05
TYP.
05.69
TYP.
05.69
TYP.
05.03
TYP.
MAVERIK
1234
06.04
TYP.
05.69
TYP.
06.06
TYP.
06.30
TYP.
05.69
TYP.
04.05
TYP.
08.26
TYP.
08.02
TYP.
08.02
TYP.
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T.O PARAPET
119' - 0"
DECK BEARING
115' - 2 1/4"
T.O. WINDOW
111' - 0"
T.O. WAINSCOT
104' - 0"
FINISHED FLOOR
100' - 0"

TOTAL WALL	1473 S.F.	
GLAZING	614 S.F.	
TOTAL	42%	

1 EAST ELEVATION
SCALE: 1/4" = 1'-0"

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EXTERIOR ELEVATIONS

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KEYED NOTES

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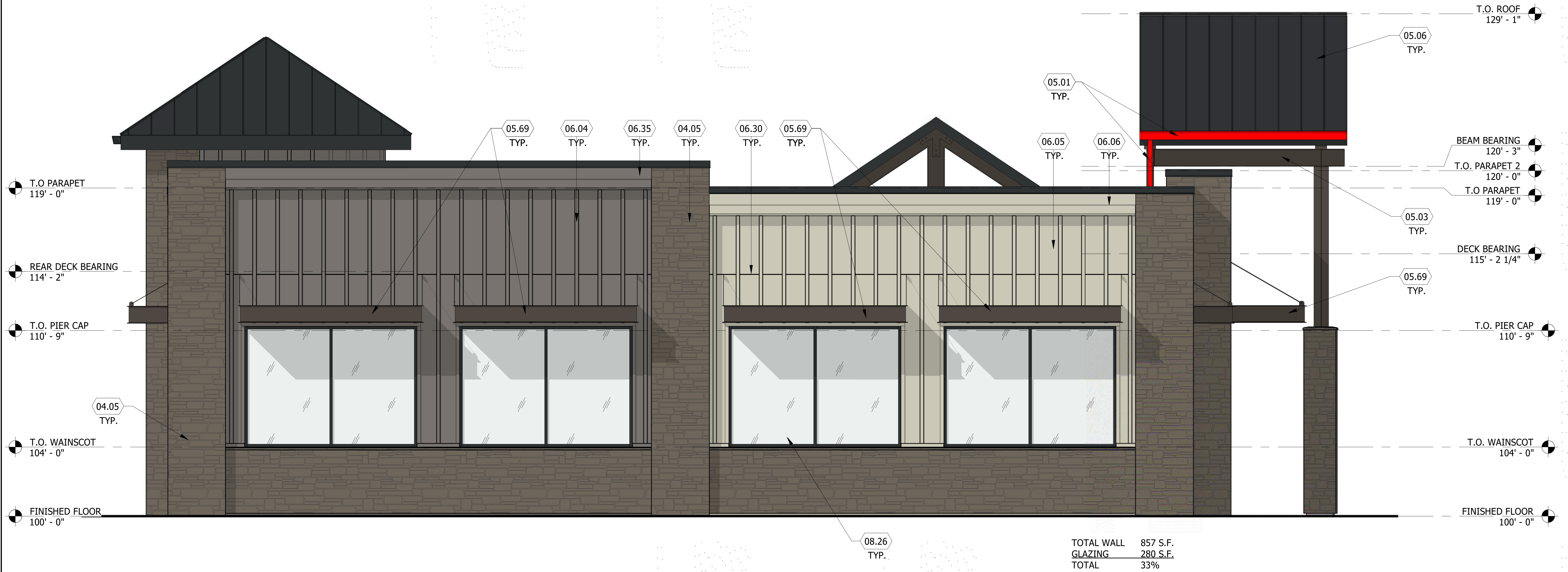
05.01	PRE-FINISHED GUTTER AND DOWNSPOUT, BRITE RED, C-2
05.03	STEEL, PAINTED, SHERWIN WILLIAMS SW 7020 - BLACK FOX
05.06	MBCI PRE-FINISHED METAL ROOF, 1 3/4" STANDING SEAM, MIDNIGHT BRONZE, C-1
05.21	PRE-FINISHED METAL COPING, COLOR SHERWIN WILLIAMS SW 7020 - BLACK FOX
05.69	STEEL AWNING, COLOR SHERWIN WILLIAMS SW 7020 - BLACK FOX
06.04	FIBER CEMENT BOARD & BATTEN SIDING, PAINTED, SHERWIN WILLIAMS SW 7019 - GAUNTLET GRAY, BB-2
06.05	FIBER CEMENT BOARD & BATTEN SIDING, PAINTED, SHERWIN WILLIAMS SW 7043 - WORLDLY GRAY, BB-1
06.06	FIBER CEMENT TRIM, PAINTED, SHERWIN WILLIAMS SW 7043 - WORLDLY GRAY
06.30	HORIZONTAL JOINT IN SIDING
06.35	FIBER CEMENT TRIM, PAINTED, SHERWIN WILLIAMS SW 7019 - GAUNTLET GRAY
08.26	STOREFRONT SYSTEM WITH CLEAR GLAZING
26.10	MAIN DISTRIBUTION PANEL, PAINTED TO MATCH BUILDING


T.O. ROOF
129' - 1"
05.06
TYP.
05.01
TYP.
05.69
TYP.
06.04
TYP.
06.35
TYP.
04.05
TYP.
06.30
TYP.
05.69
TYP.
06.05
TYP.
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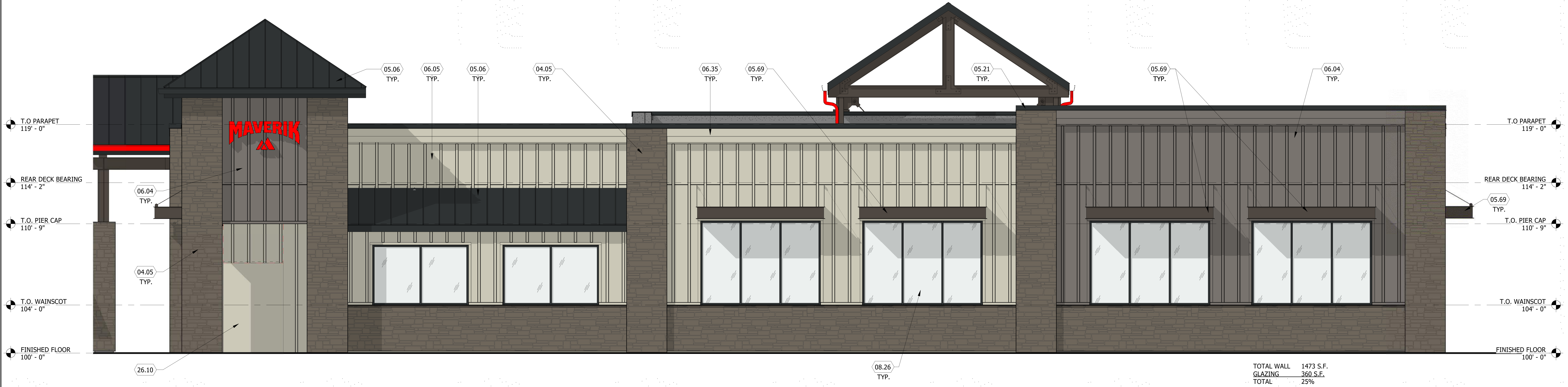
TYP.
BEAM BEARING
120' - 3"
T.O. PARAPET 2
120' - 0"
T.O PARAPET
119' - 0"
05.03
TYP.
DECK BEARING
115' - 2 1/4"
05.69
TYP.
REAR DECK BEARING
114' - 2"
T.O. PIER CAP
110' - 9"
04.05
TYP.
T.O. WAINSCOT
104' - 0"
FINISHED FLOOR
100' - 0"
08.26
TYP.

TOTAL WALL	857 S.F.
GLAZING	280 S.F.
TOTAL	33%

2 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"


05.06
TYP.
06.05
TYP.
05.06
TYP.
04.05
TYP.
06.35
TYP.
05.69
TYP.
05.21
TYP.
05.69
TYP.
06.04
TYP.
MAVERIK
T.O PARAPET
119' - 0"
REAR DECK BEARING
114' - 2"
06.04
TYP.
05.69
TYP.
T.O. PIER CAP
110' - 9"
04.05
TYP.
T.O. WAINSCOT
104' - 0"
FINISHED FLOOR
100' - 0"
26.10
08.26
TYP.

TOTAL WALL	1473 S.F.
GLAZING	360 S.F.
TOTAL	25%

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

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PHONE: (720) 439-4700
WEBSITE: www.dci-engineers.com
CIVIL / STRUCTURAL

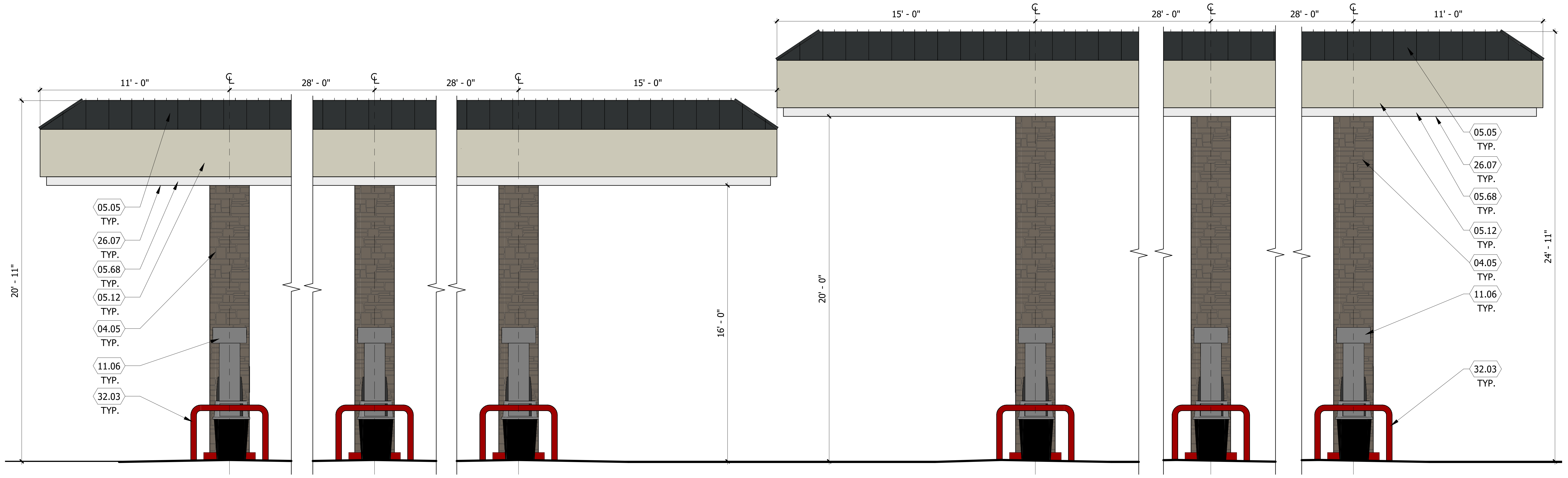
EXTERIOR ELEVATIONS

LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

SITUATED IN THE NORTHWEST OF SECTION 15,
TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

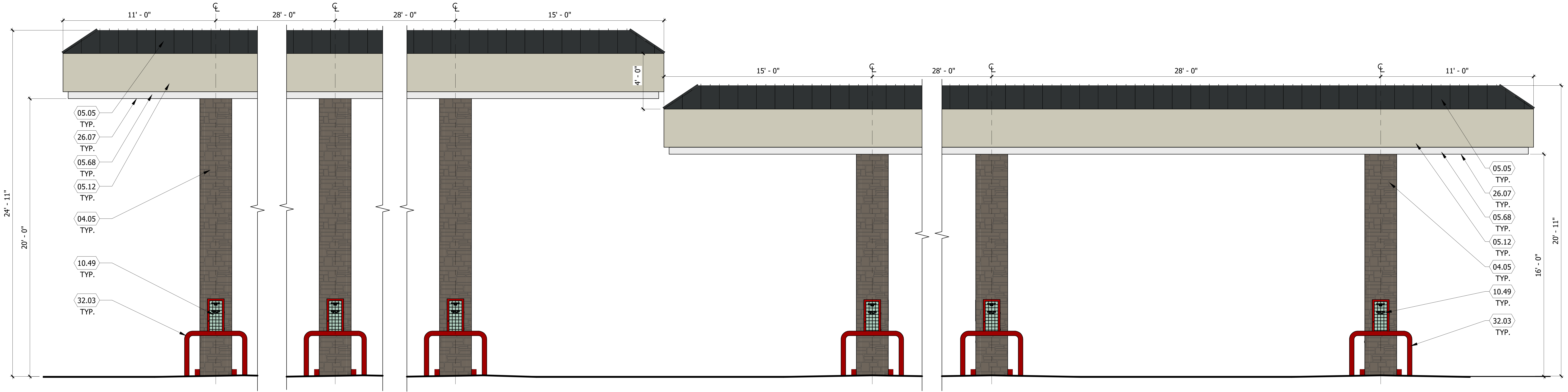
KEYED NOTES

04.05	NATURAL STONE
05.05	MBCI PRE-FINISHED ROOF, COLOR C-1, 1-3/4" STANDING SEAM
05.12	ALUMINUM COMPOSITE METAL PANEL, WORLDLY GRAY
05.68	ALUMINUM COMPOSITE METAL PANEL, WHITE
10.49	4A:40 BC FIRE EXTINGUISHER W/ CASE, LOCATE WITHIN 75' OF ALL PUMPS, DISPENSERS, OR STORAGE TANK. LOCATION TO BE FINALIZED BY FIRE MARSHAL
11.06	DISPENSING STATION (BY OTHERS)
26.07	ALL LIGHT FIXTURES (NOT SHOWN) TO BE FLUSH MOUNTED WITHIN THE DECK PANEL SOFFIT (SOFFIT COLOR P-7). SEE ELECTRICAL AND FUEL DISPENSING DRAWINGS
32.03	4" DIAMETER "U" BOLLARD, SET AND FILLED W/ CONCRETE, SEE CIVIL DRAWINGS. PAINTED P-4



2 FUEL DISPENSING CANOPY - BUILDING SIDE ELEVATION

SCALE: 1/4" = 1'-0"



1 FUEL DISPENSING CANOPY - STREET SIDE ELEVATION

SCALE: 1/4" = 1'-0"

NOTE:
FUEL CANOPY DRAWINGS PROVIDED ARE CONCEPTUAL, AND MAY VARY FROM SITE TO SITE.

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CANOPY ELEVATIONS

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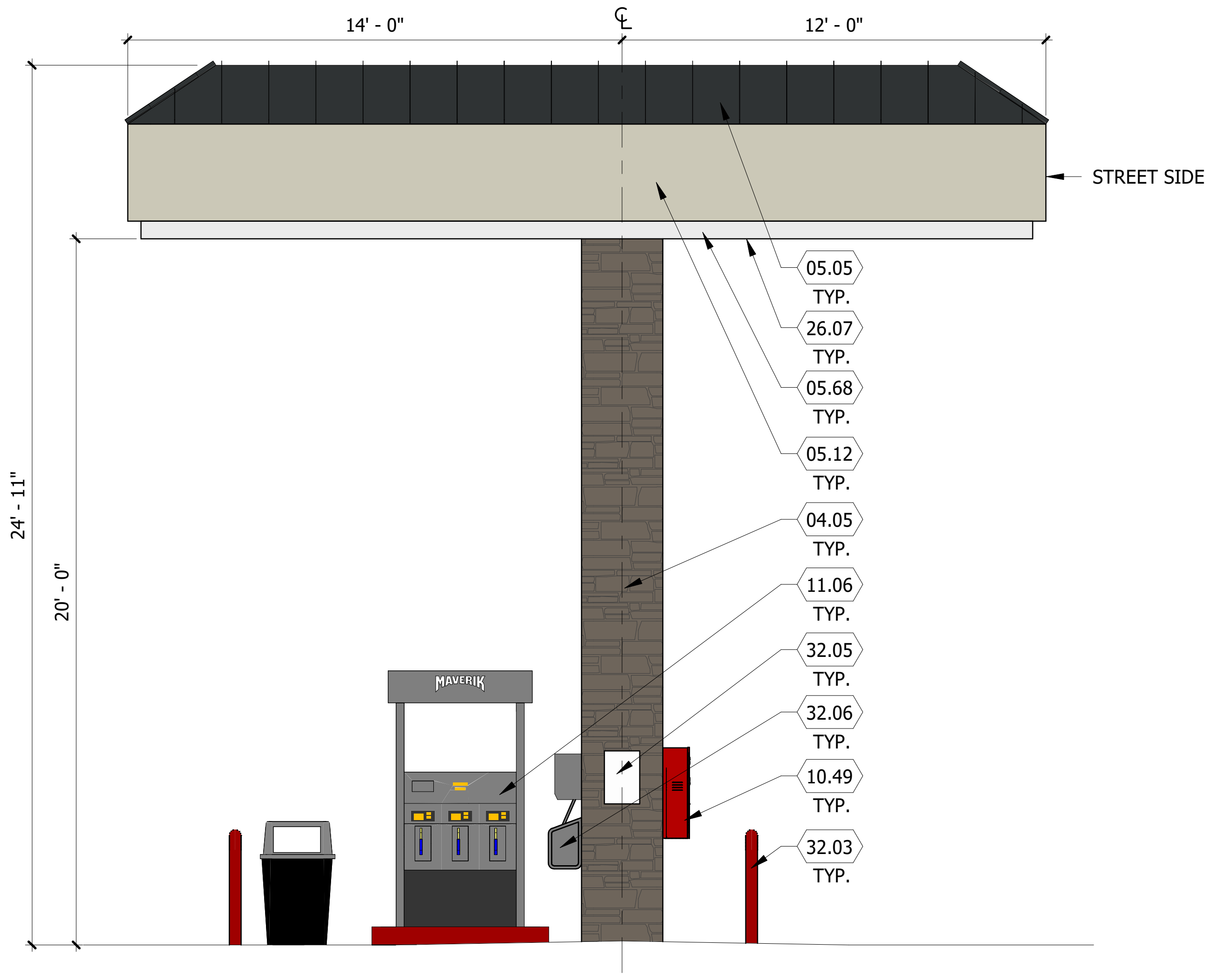
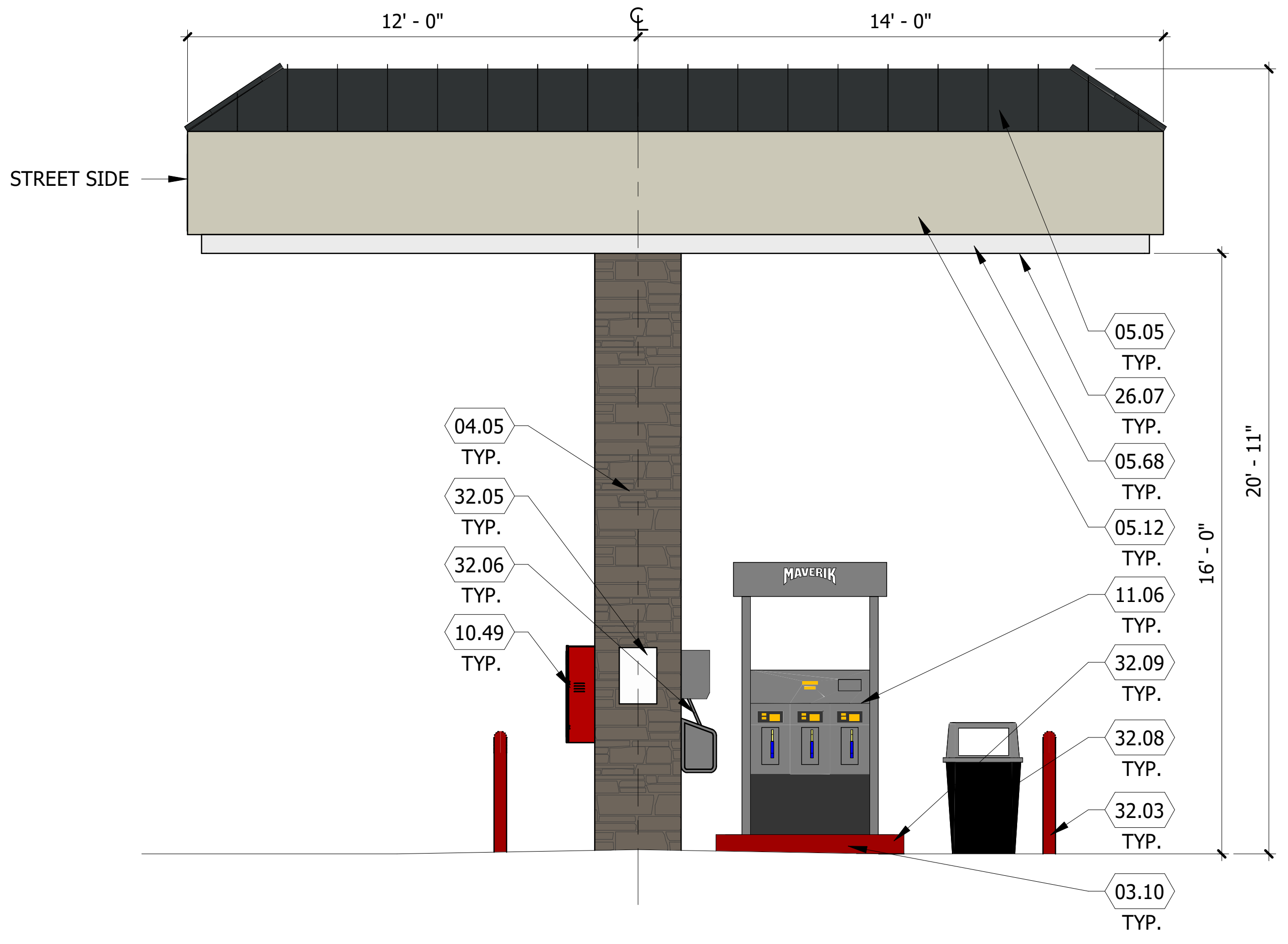


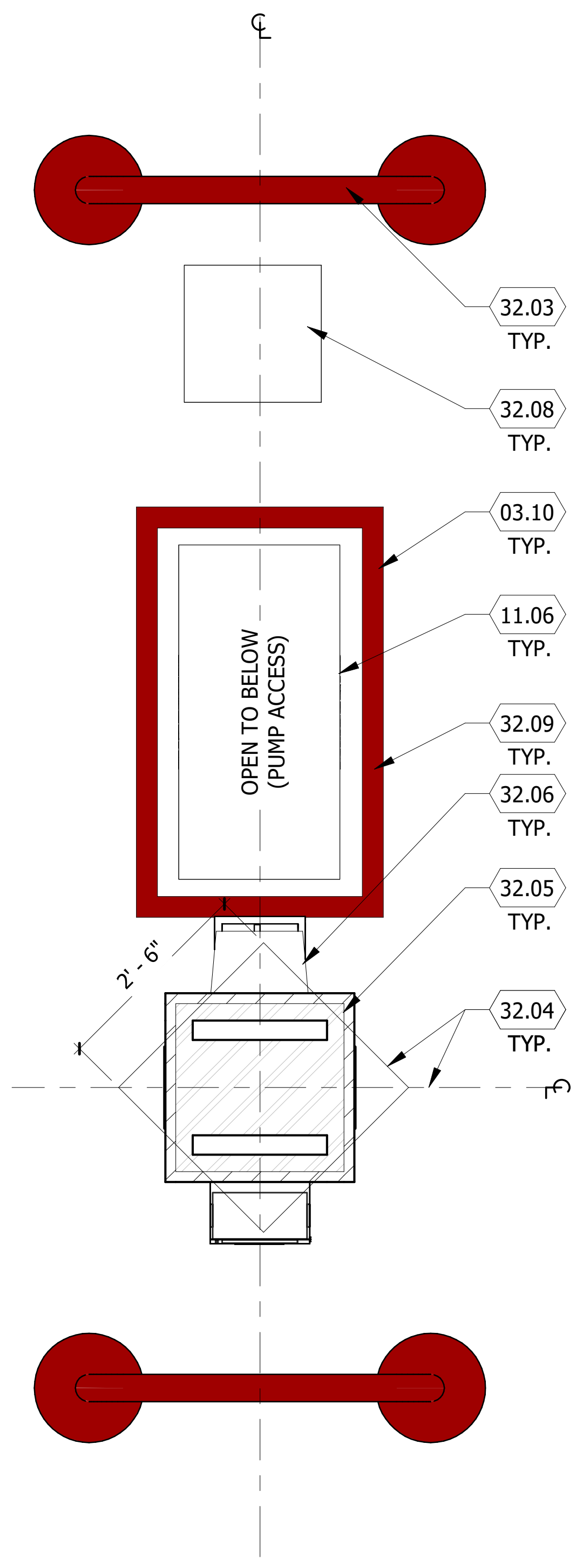
14' - 0"
12' - 0"
STREET SIDE
24' - 11"
20' - 0"
05.05 TYP.
26.07 TYP.
05.68 TYP.
05.12 TYP.
04.05 TYP.
11.06 TYP.
32.05 TYP.
32.06 TYP.
10.49 TYP.
32.03 TYP.

3 FUEL DISPENSING CANOPY - END ELEVATION
SCALE: 1/4" = 1'-0"



12' - 0"
14' - 0"
STREET SIDE
04.05 TYP.
32.05 TYP.
32.06 TYP.
10.49 TYP.
05.05 TYP.
26.07 TYP.
05.68 TYP.
05.12 TYP.
11.06 TYP.
32.09 TYP.
32.08 TYP.
32.03 TYP.
03.10 TYP.
20' - 11"
16' - 0"

2 FUEL DISPENSING CANOPY - END ELEVATION
SCALE: 1/4" = 1'-0"



OPEN TO BELOW
(PUMP ACCESS)
2' - 6"
32.03 TYP.
32.08 TYP.
03.10 TYP.
11.06 TYP.
32.09 TYP.
32.06 TYP.
32.05 TYP.
32.04 TYP.

1 CANOPY COLUMN PLAN
SCALE: 1/2" = 1'-0"

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CANOPY ELEVATIONS

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LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

SITUATED IN THE NORTHWEST   OF SECTION 15,
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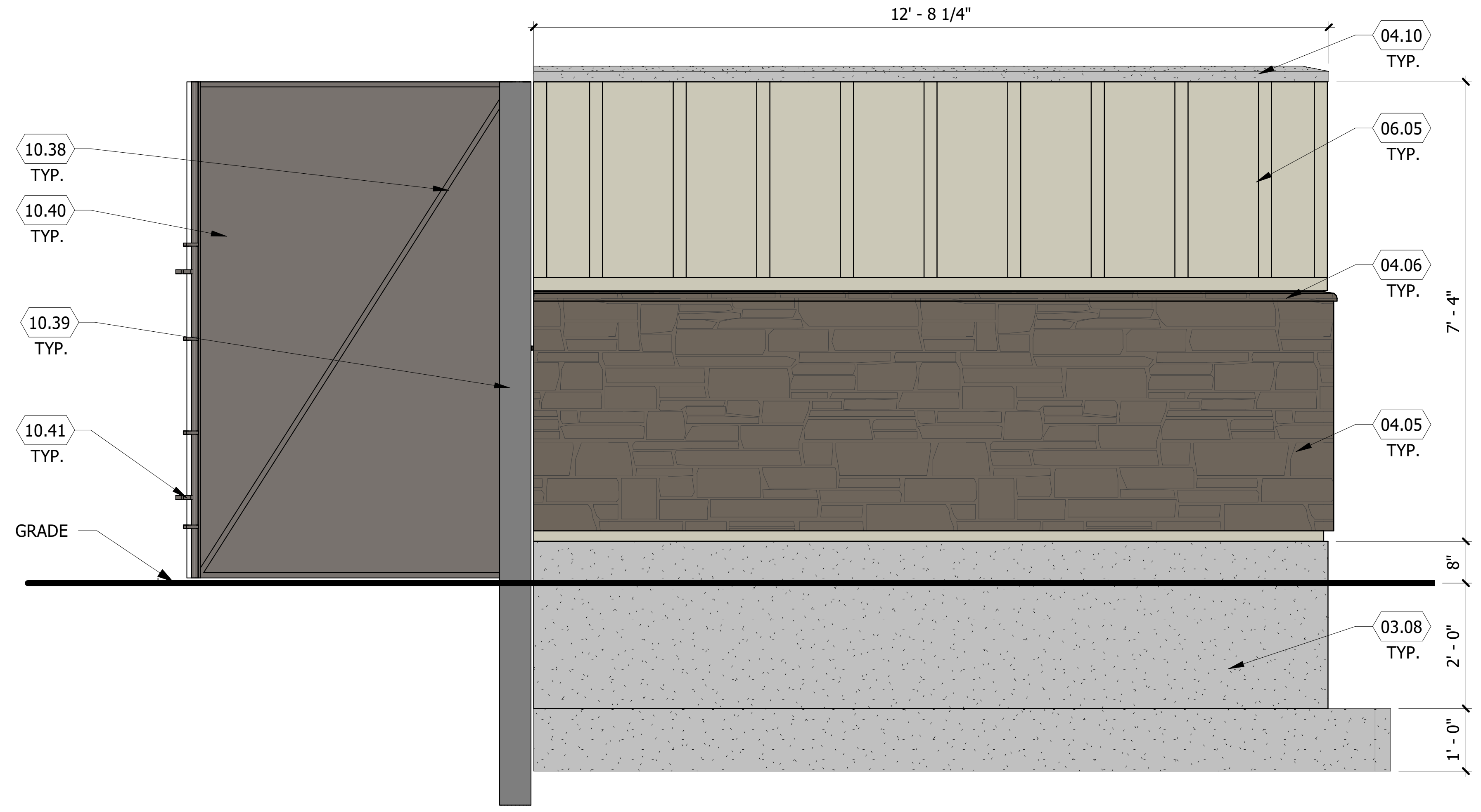
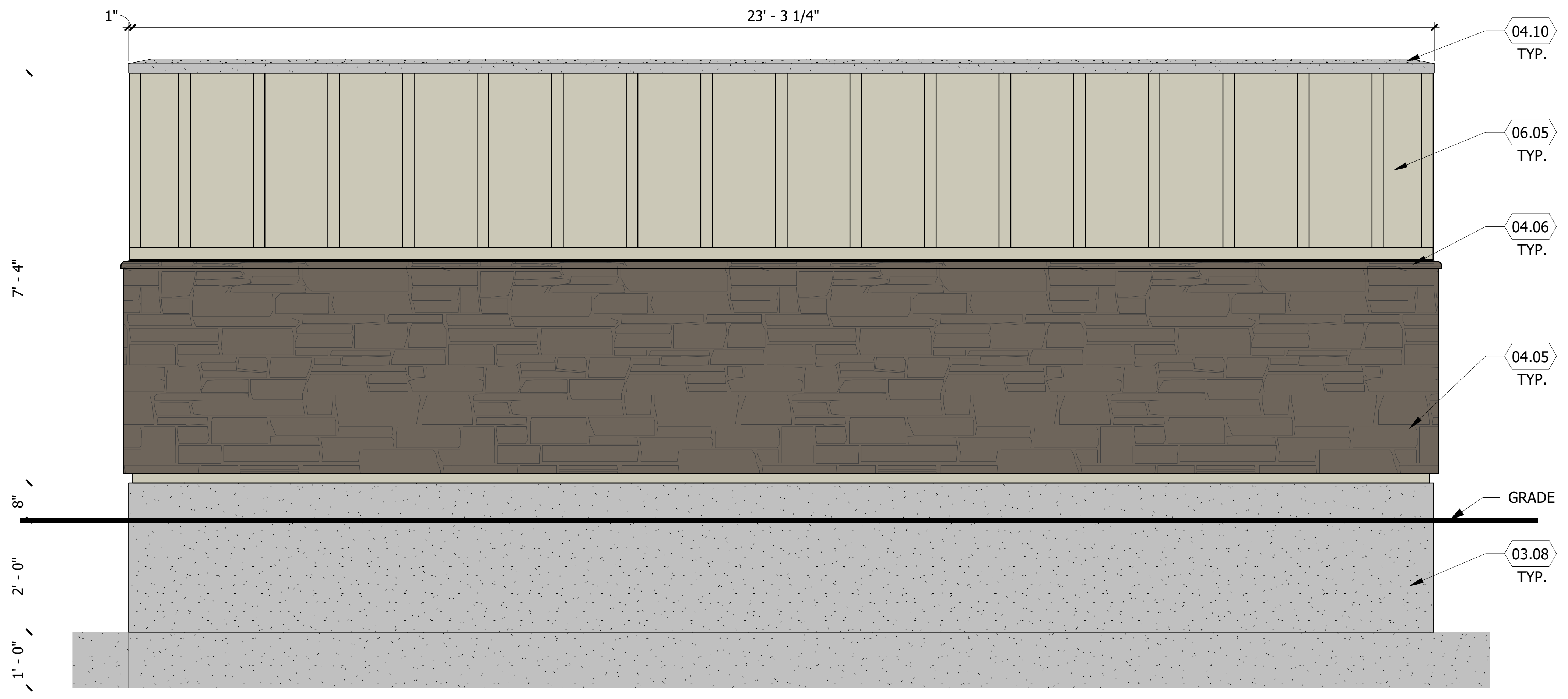
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

KEYED NOTES

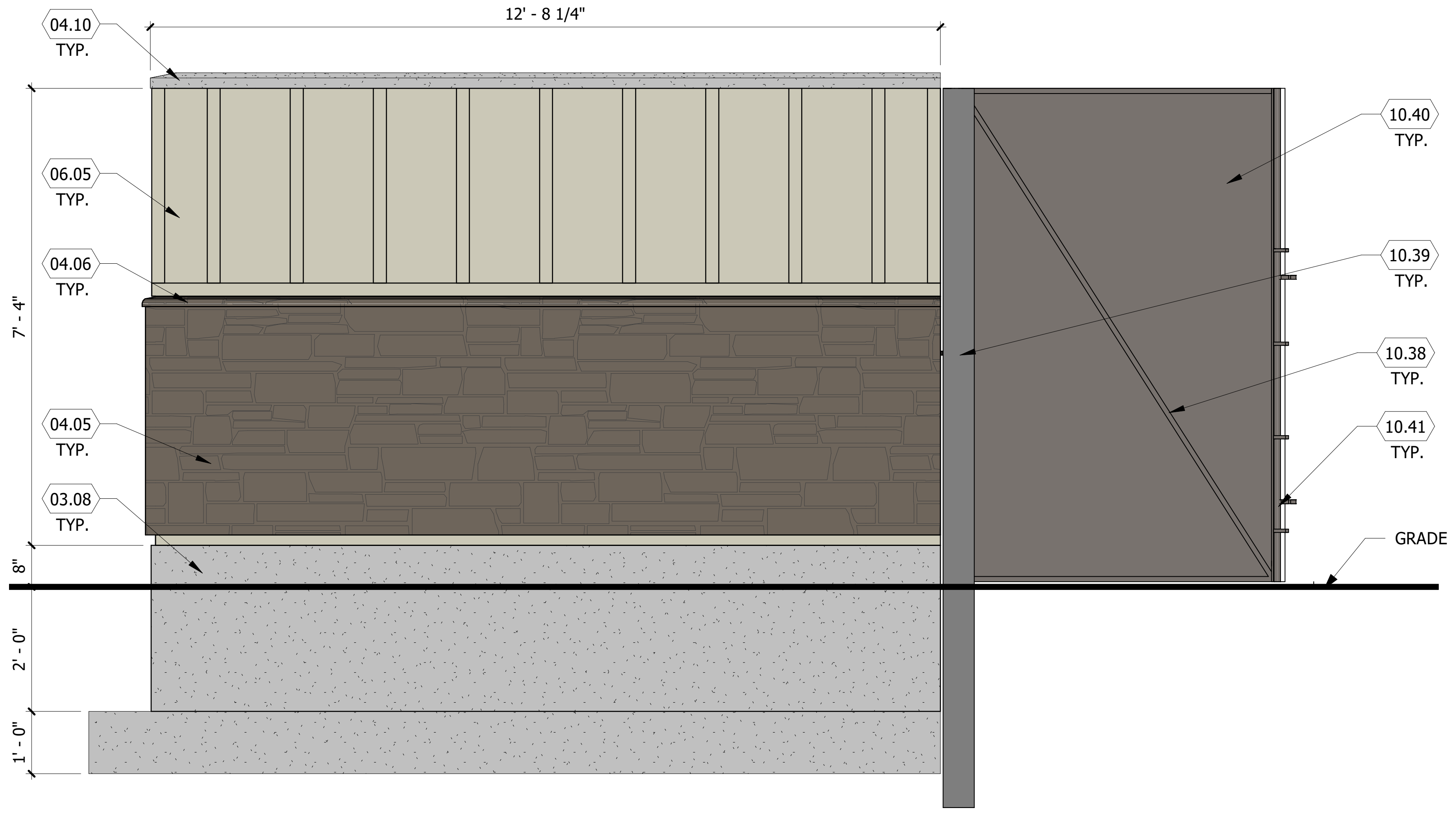
03.08	CONCRETE FOOTINGS AND FOUNDATIONS, SEE STRUCTURAL DRAWINGS
03.13	CONCRETE PIER FOUNDATION, SEE STRUCTURAL DRAWINGS
04.05	NATURAL STONE
04.06	NATURAL STONE CAP
04.10	SPLIT FACE CAP
06.05	FIBER CEMENT BOARD & BATTEN SIDING, PAINTED, SHERWIN WILLIAMS SW 7043 - WORLDLY GRAY, BB-1
10.38	WELD BRACES TO GATE AS REQUIRED
10.39	POST, PAINTED P-9
10.40	CHAIN LINK GATE WITH SLATS TO MATCH P-9, W/ (4) HINGES, PAINTED P-9
10.41	LATCH W/ ROD TO CONCRETE, PAINTED P-9, W/ (4) HINGES, PAINTED P-9
10.42	STEEL SLEEVE


12' - 8 1/4"
04.10
TYP.
10.38
TYP.
06.05
TYP.
10.40
TYP.
04.06
TYP.
10.39
TYP.
7' - 4"
04.05
TYP.
10.41
TYP.
GRADE
8"
03.08
TYP.
2' - 0"
1' - 0"

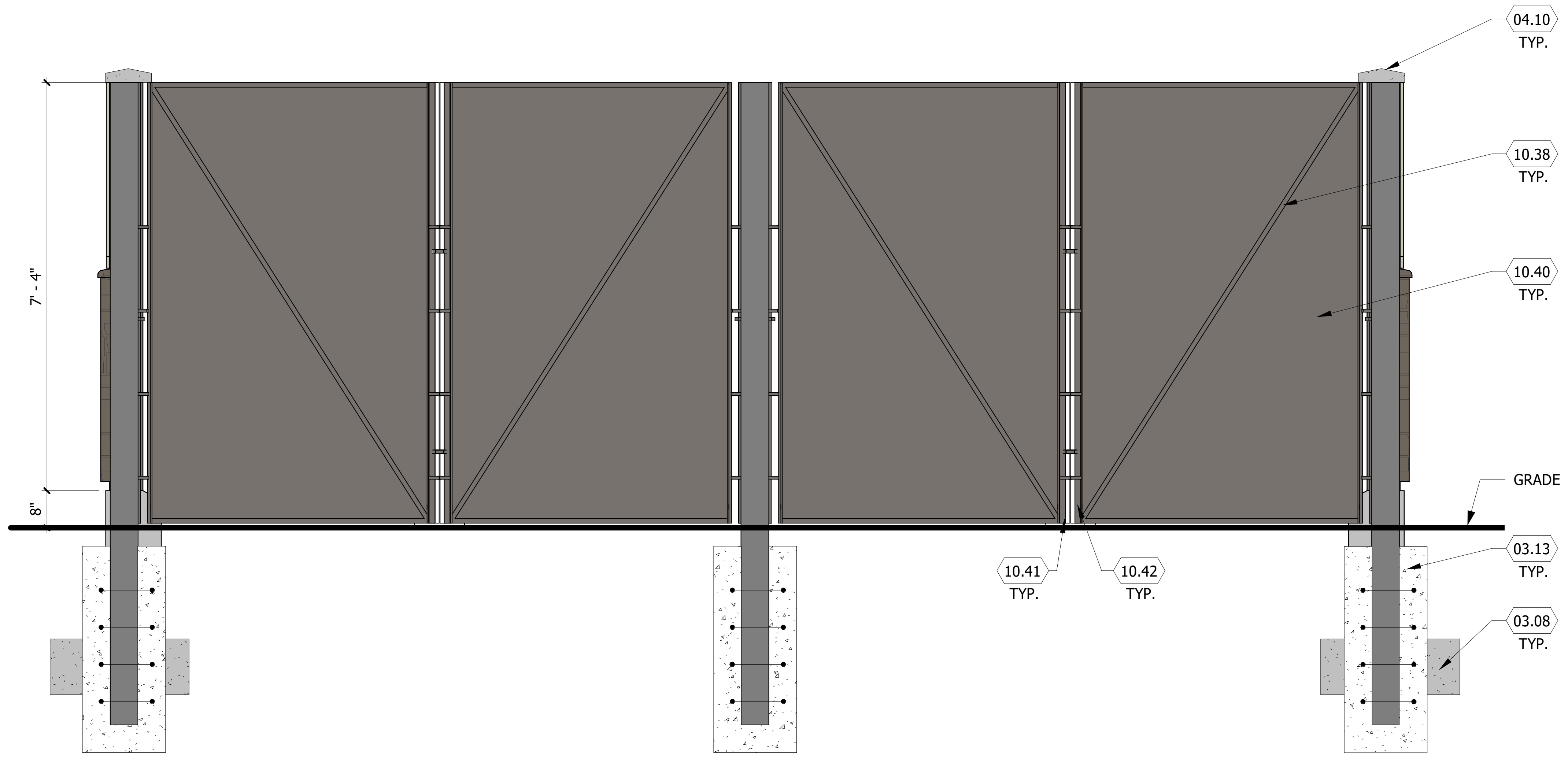
4 TRASH ENCLOSURE - LEFT ELEVATION
SCALE: 1/2" = 1'-0"


1"
23' - 3 1/4"
04.10
TYP.
06.05
TYP.
7' - 4"
04.06
TYP.
04.05
TYP.
GRADE
8"
03.08
TYP.
2' - 0"
1' - 0"

3 TRASH ENCLOSURE - BACK ELEVATION
SCALE: 1/2" = 1'-0"


04.10
TYP.
12' - 8 1/4"
10.40
TYP.
06.05
TYP.
10.39
TYP.
04.06
TYP.
7' - 4"
10.38
TYP.
04.05
TYP.
10.41
TYP.
03.08
TYP.
GRADE
8"
2' - 0"
1' - 0"

2 TRASH ENCLOSURE - RIGHT ELEVATION
SCALE: 1/2" = 1'-0"


04.10
TYP.
10.38
TYP.
7' - 4"
10.40
TYP.
GRADE
8"
10.41
TYP.
10.42
TYP.
03.13
TYP.
03.08
TYP.

1 TRASH ENCLOSURE - FRONT ELEVATION
SCALE: 1/2" = 1'-0"

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TRASH ENCLOSURE ELEVATIONS

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LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
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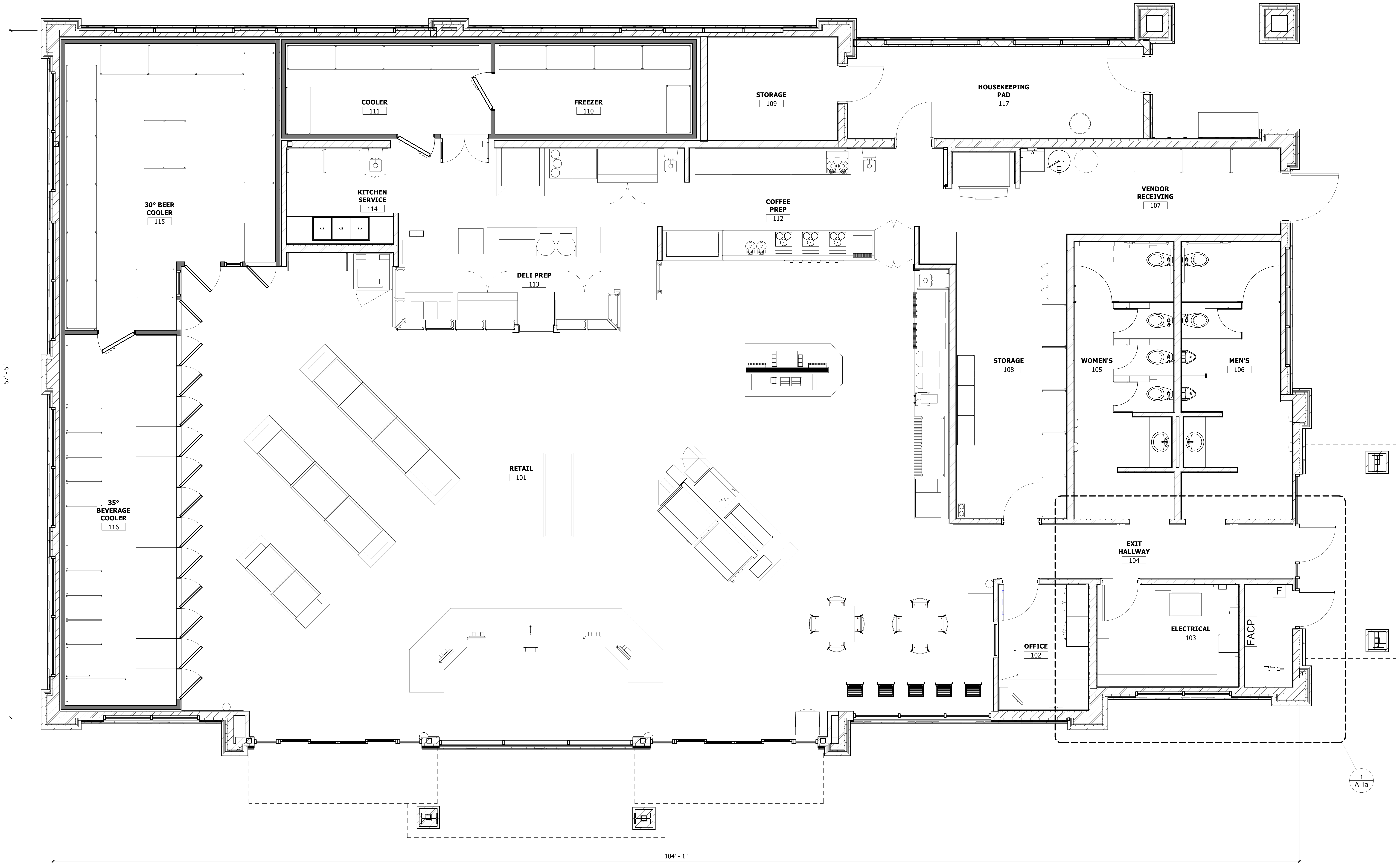
COOLER
111
FREEZER
110
STORAGE
109
HOUSEKEEPING PAD
117
KITCHEN SERVICE
114
COFFEE PREP
112
VENDOR RECEIVING
107
30° BEER COOLER
115
DELI PREP
113
STORAGE
108
WOMEN'S
105
MEN'S
106
57' - 5"
35° BEVERAGE COOLER
116
RETAIL
101
EXIT HALLWAY
104
F
ELECTRICAL
103
FACP
OFFICE
102
1
A-1a
104' - 1"

1 FLOOR PLAN
SCALE: 1/4" = 1'-0"

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FLOOR PLAN

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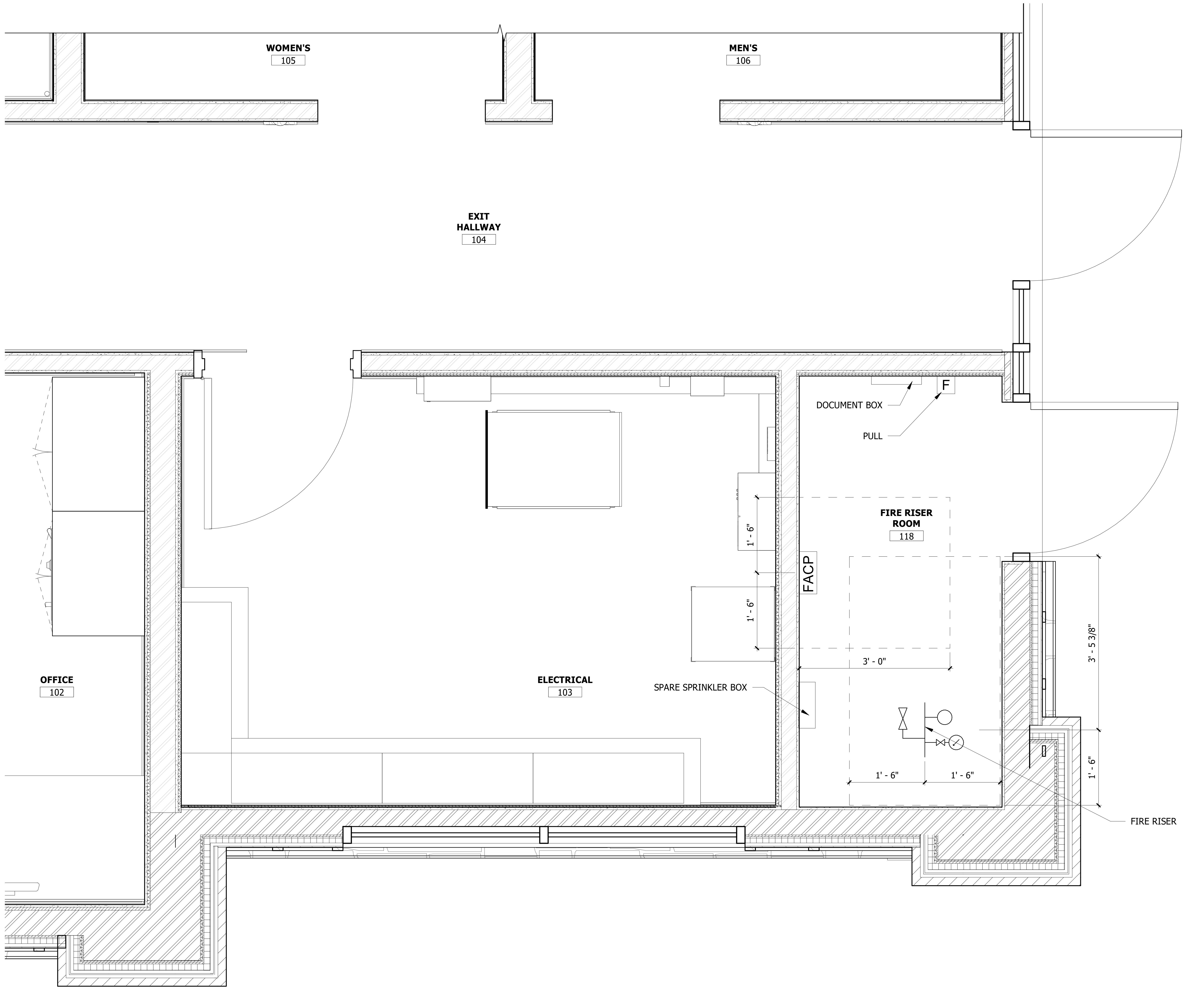
WOMEN'S
105
MEN'S
106
EXIT HALLWAY
104
DOCUMENT BOX
F
PULL
FIRE RISER ROOM
118
FACP
1' - 6"
1' - 6"
3' - 0"
3' - 5 3/8"
1' - 6"
1' - 6"
1' - 6"
OFFICE
102
ELECTRICAL
103
SPARE SPRINKLER BOX
FIRE RISER

1 ENLARGED FIRE RISER ROOM
SCALE: 3/4" = 1'-0"

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ENLARGED FIRE RISER ROOM

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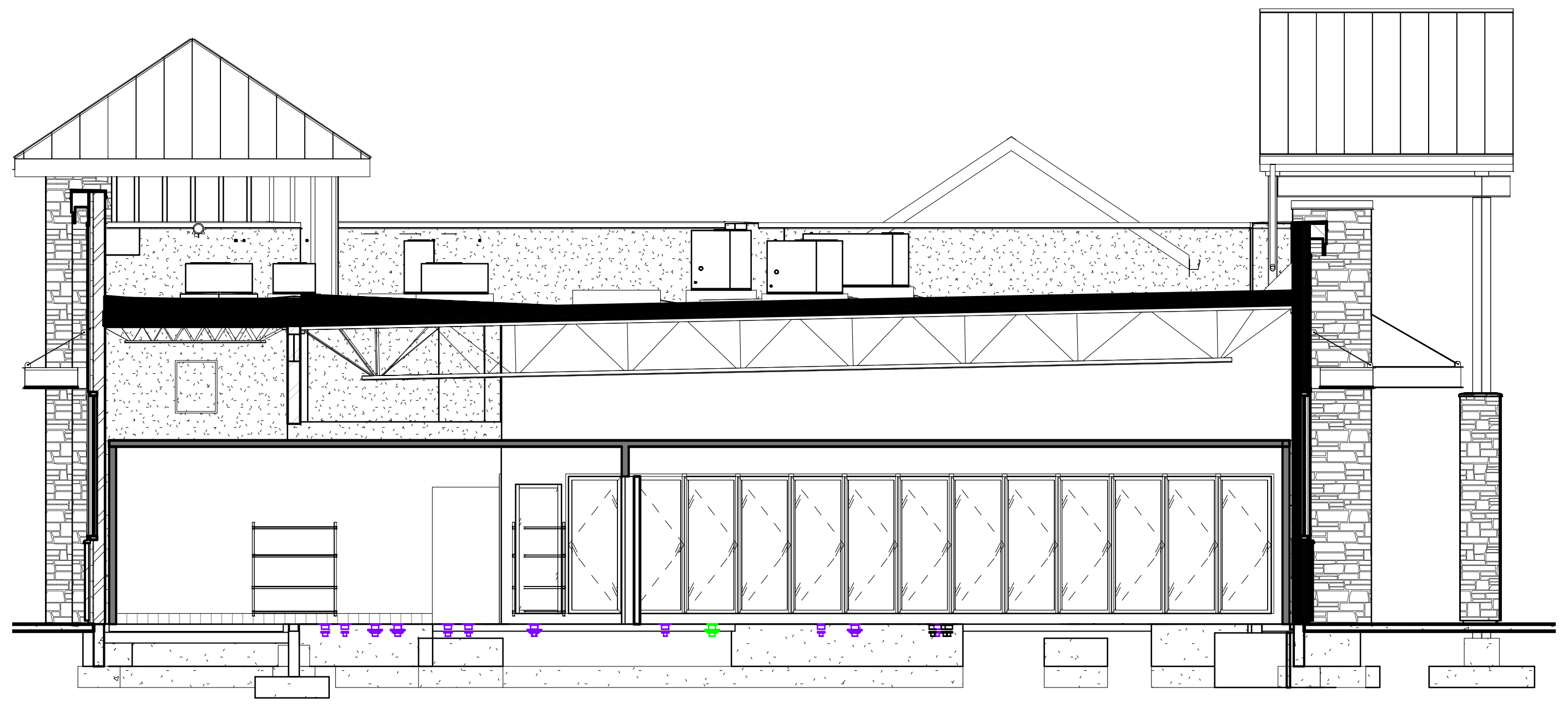
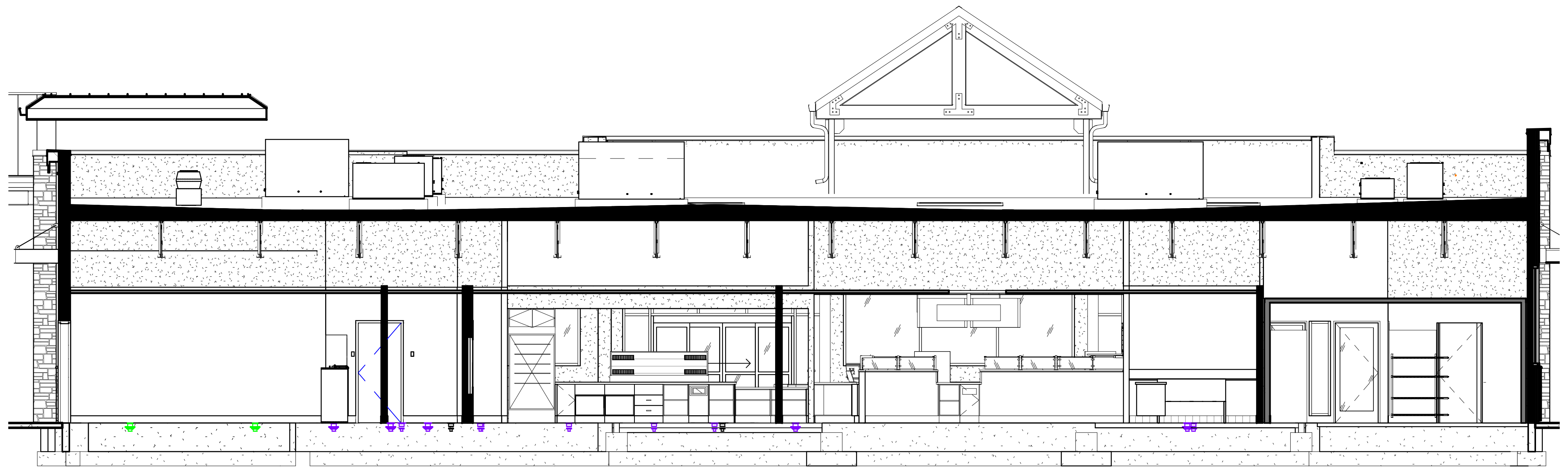
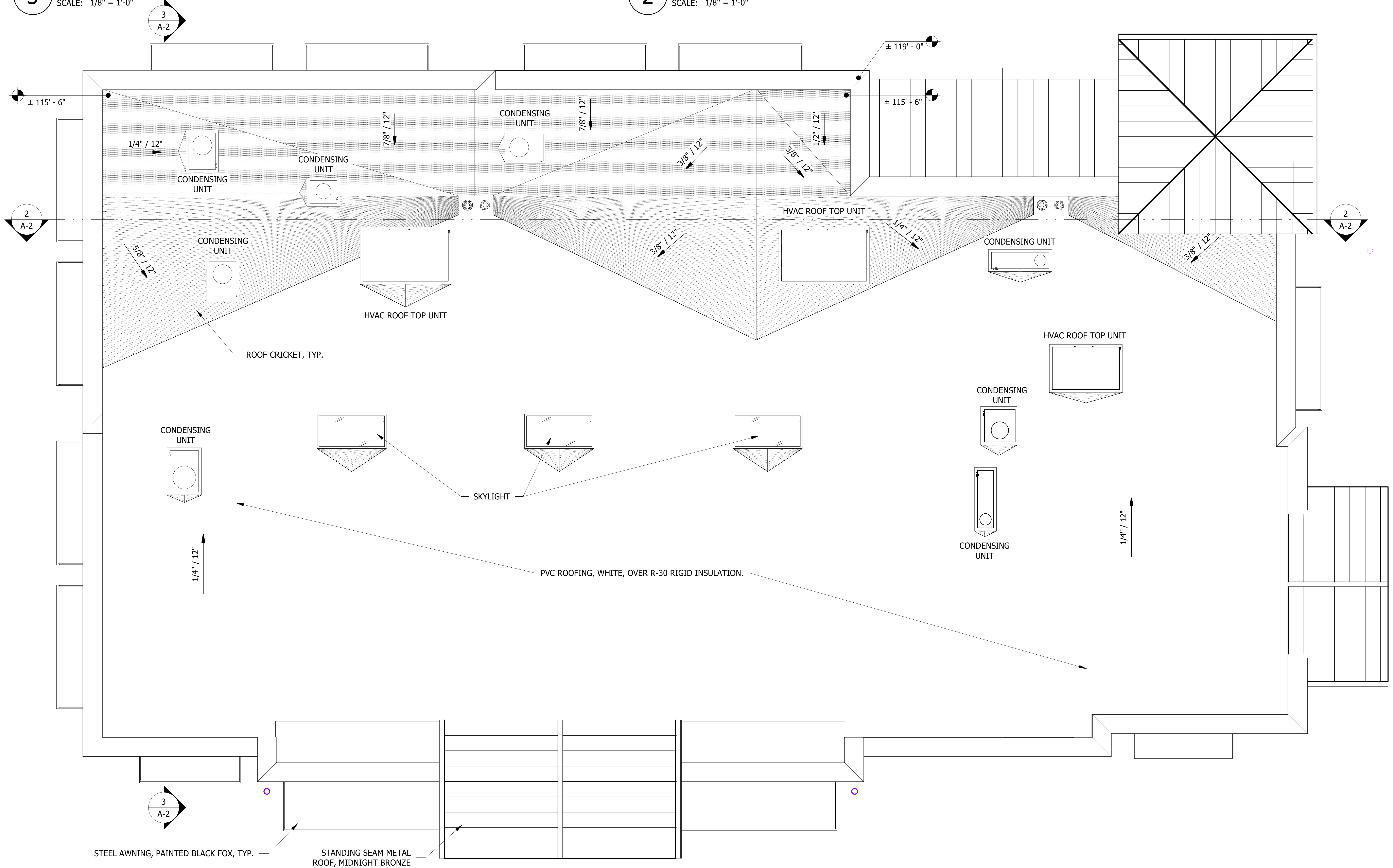


3 BUILDING SECTION
SCALE: 1/8" = 1'-0"



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


3
A-2
± 115' - 6"
± 119' - 0"
± 115' - 6"
1/4" / 12"
CONDENSING UNIT
CONDENSING UNIT
7/8" / 12"
CONDENSING UNIT
7/8" / 12"
3/8" / 12"
3/8" / 12"
1/2" / 12"
2
A-2
5/8" / 12"
CONDENSING UNIT
HVAC ROOF TOP UNIT
3/8" / 12"
HVAC ROOF TOP UNIT
1/4" / 12"
CONDENSING UNIT
3/8" / 12"
2
A-2
ROOF CRICKET, TYP.
HVAC ROOF TOP UNIT
CONDENSING UNIT
CONDENSING UNIT
SKYLIGHT
CONDENSING UNIT
1/4" / 12"
1/4" / 12"
PVC ROOFING, WHITE, OVER R-30 RIGID INSULATION.
3
A-2
STEEL AWNING, PAINTED BLACK FOX, TYP.
STANDING SEAM METAL ROOF, MIDNIGHT BRONZE

1 ROOF PLAN
SCALE: 3/16" = 1'-0"

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ROOF PLAN

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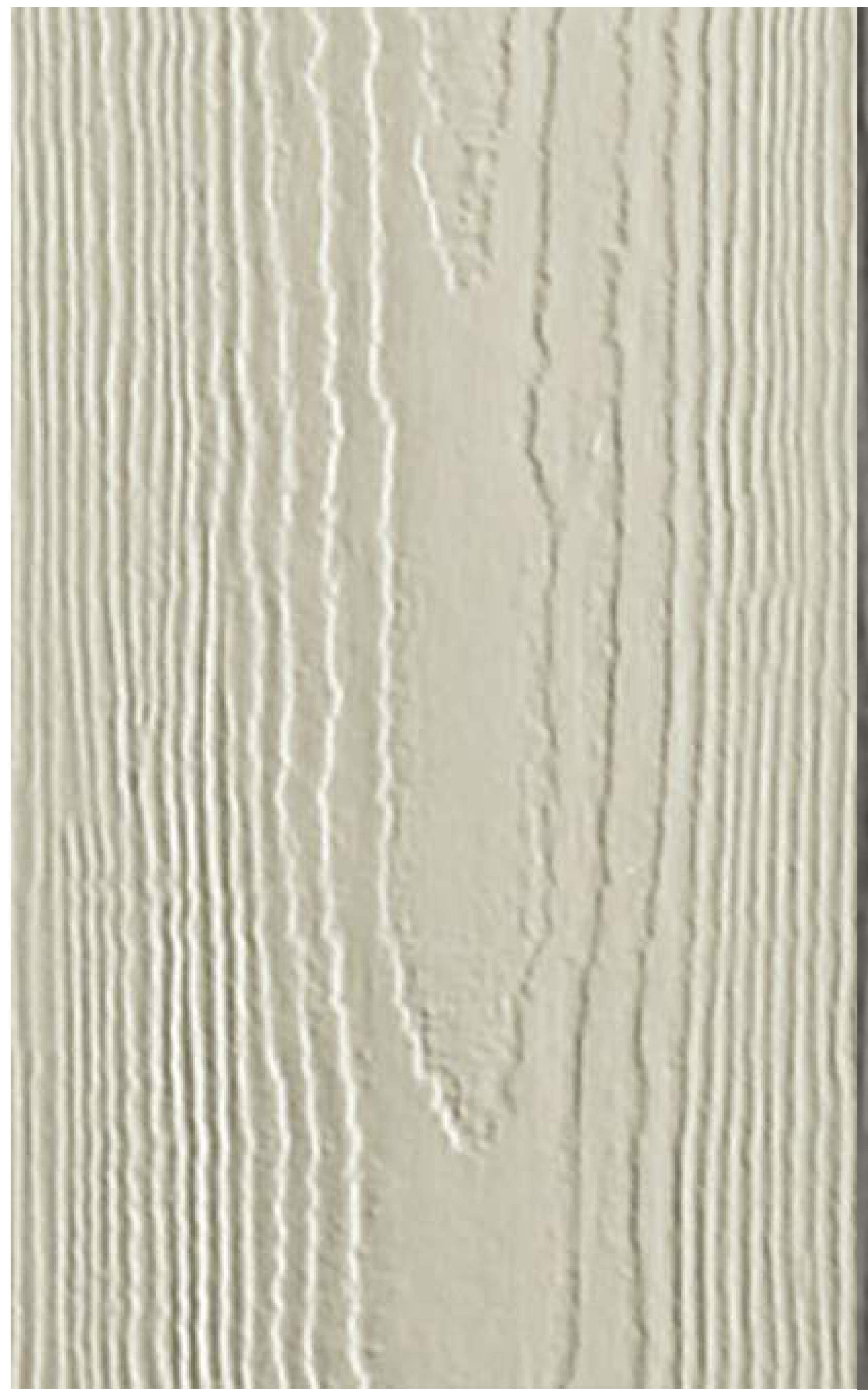
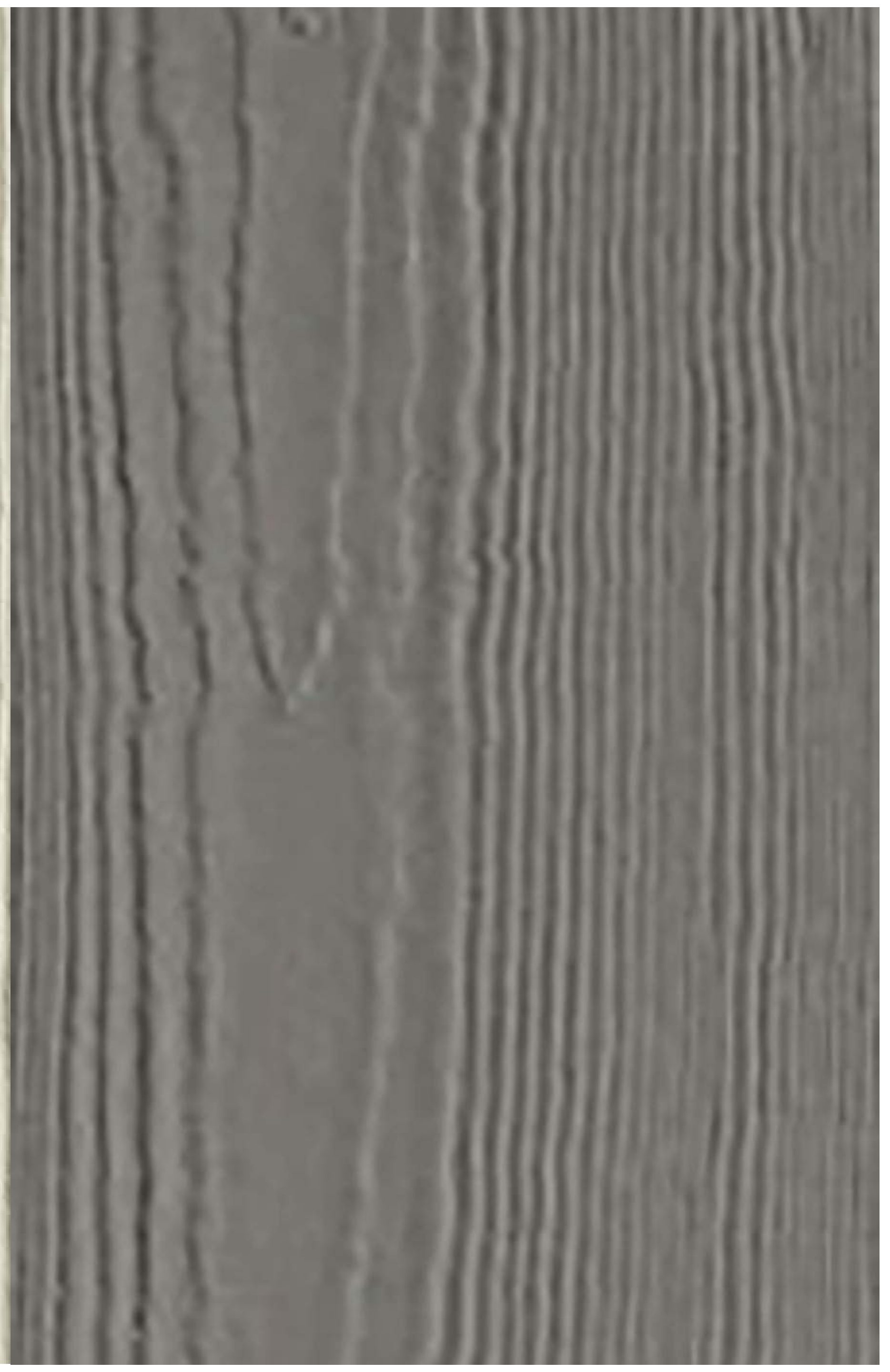
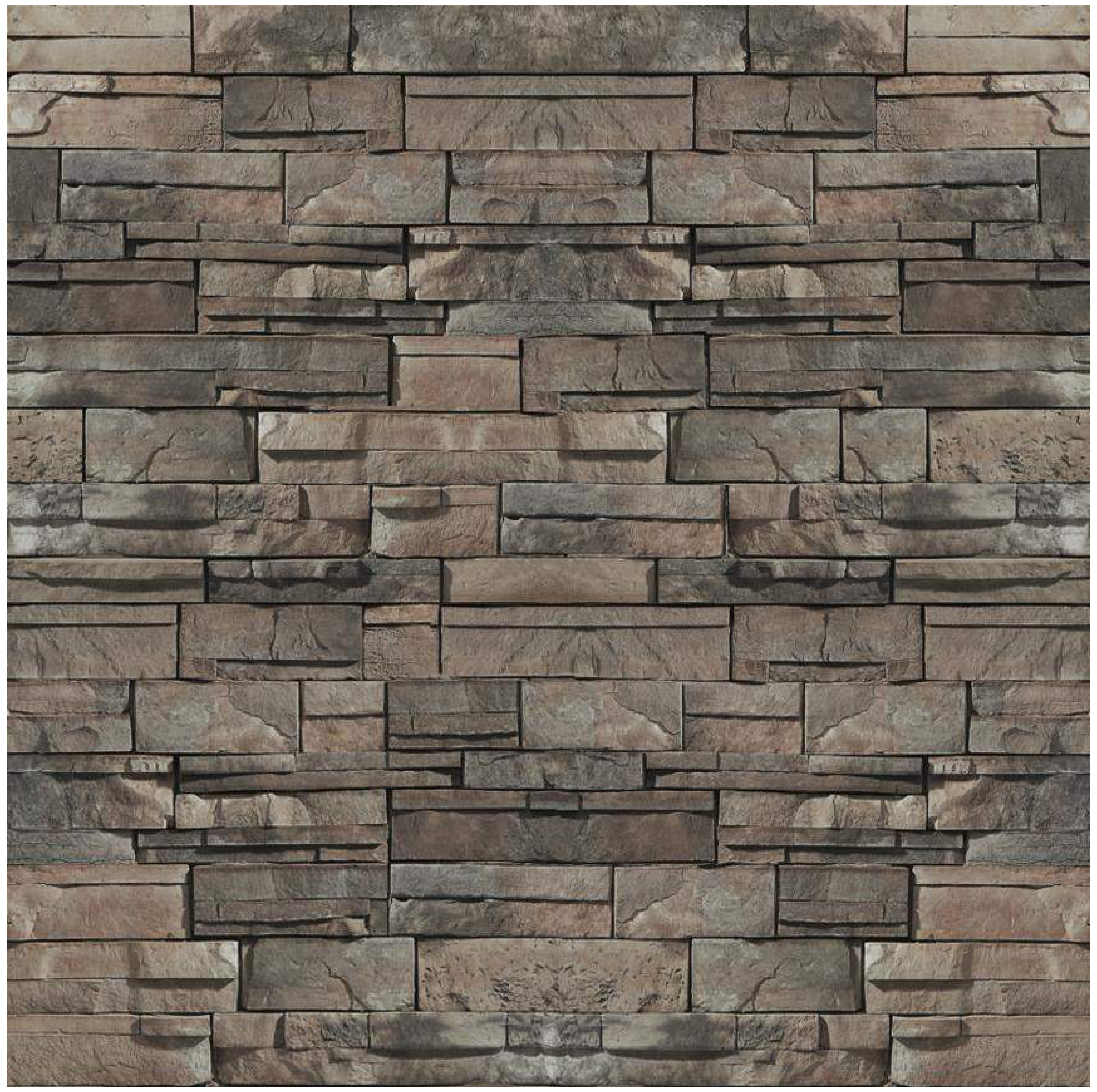


BB-1 Fiberboard -
Worldly Gray



BB-2 Fiberboard -
Gauntlet Gray



Natural Stone - to match, Skyline, Country Ledgestone

C-1 MBCI Midnight Bronze

C-2 MBCI Brite Red

Anodized - Dark Bronze

Paint - Black Fox

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EXTERIOR MATERIALS BOARD

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LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
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SITUATED IN THE NORTHWEST $\frac{1}{4}$ OF SECTION 15,
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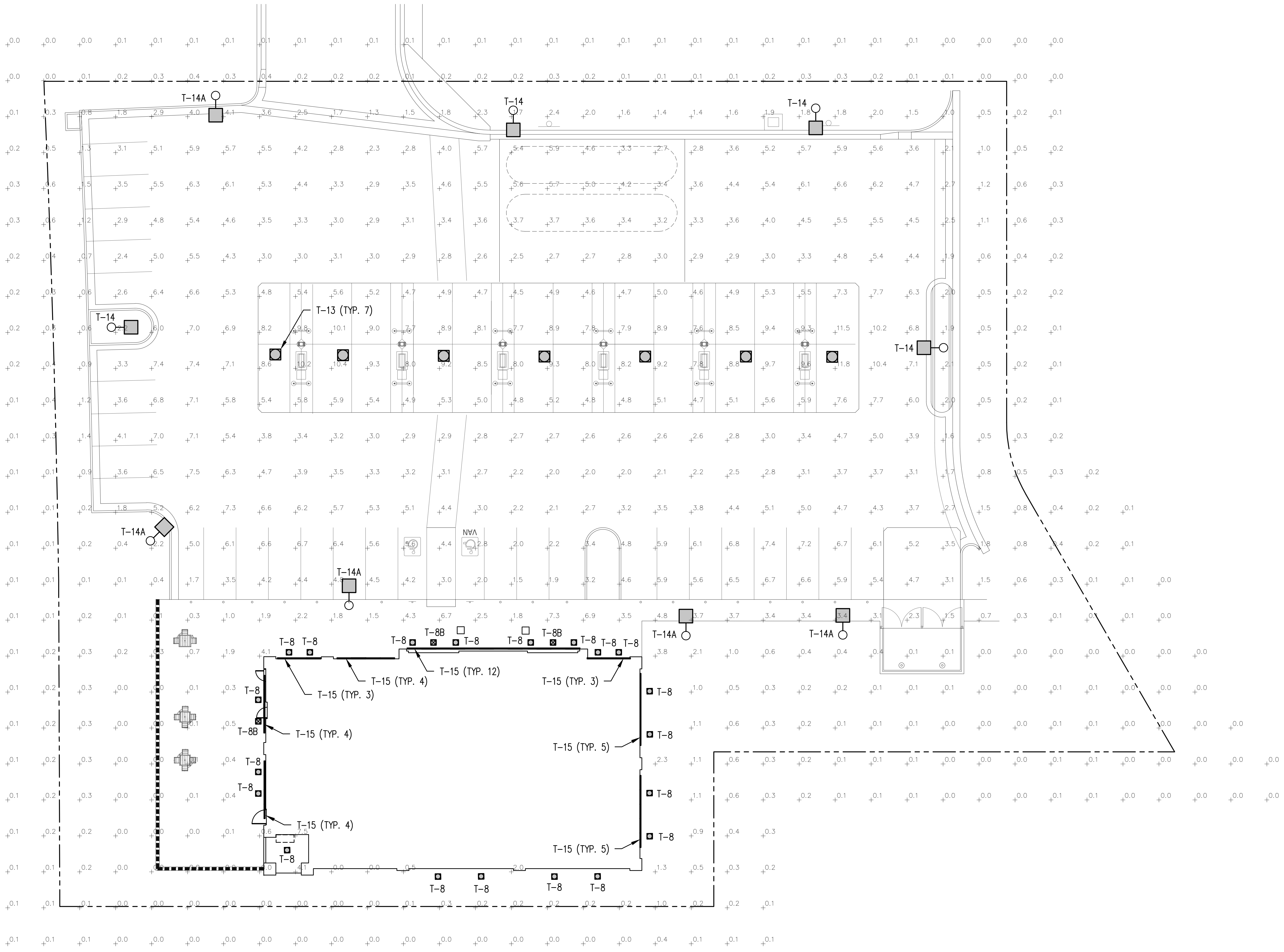
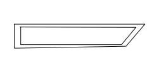
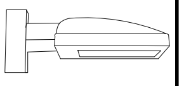
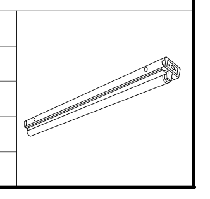


1 SITE PHOTOMETRIC PLAN
E-1.2

SCALE: 1"=20'-0"

MASTER LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	VOLTS	MOUNTING	LAMPS	BALLAST	WATTS	IMAGE
DESCRIPT.	RECESSED BLACK LED DOWNLIGHT 8" APERTURE, 2900 LUMENS, 4K							
T-8	LOTUS LED	LD8R-40K-HO-BR-BT	120	RECESSED	INCLUDED		30	
T-8B	SAME AS T-8 EXCEPT WITH EMERGENCY BATTERY						30	
DESCRIPT.	WHITE, CANOPY MOUNTED, CUTOFF LUMINAIRE, 103W LED, FLAT LENS, FOR SINGLE DECK CANOPIES (10,209 LUMENS)							
T-13	LSI	SCV LED 10L SC UNV DIM 40 WHT	UNV	CANOPY	INCLUDED		67	
DESCRIPT.	POLE MOUNTED, DARK BRONZE CUTOFF LUMINAIRE SINGLE HEAD, INTEGRAL LOUVER, LED, 18,930 LUMENS, 17.5FT SQUARE POLE (4", 11 GA.), 4K							
T-14	LSI	SLM LED 18L SIL 3 UNV 40 70 CRI BRZ IL	208	17'-6" POLE	INCLUDED		135	
T-14A	SAME AS T-14 EXCEPT WITH TYPE IV DISTRIBUTION (FORWARD THROW)						135	
DESCRIPT.	4FT LED STRIP LUMINAIRE, FULLY RECESSED IN EXTERIOR COVE, WHITE, COLD WEATHER (0°F), 2000 LUMENS, DAMP LISTED, LENS, 4K							
T-15	LSI	AST 4 4L SA UNV 840	UNV	EXTERIOR COVE	INCLUDED		20	

*LUMINAIRES ARE PROVIDED BY OWNER, INSTALLED BY E.C. (REFERENCE SCHEDULE ON E-4.0)

CALCULATION SUMMARY

AREA NAME	GRID / TYPE	SPAC	GROUP	AVE	MAX	MIN	MAX/MIN	AVE/MIN
OVERALL	0'-0" / H-H	10.00	<+>	2.5	11.8	0.00	N/A	N/A
PARKING	0'-0" / H-H	10.00	<+>	4.5	11.2	1.5	7.5:1	3.0:1

MAVERIK

185 S. State Street
Salt Lake City, Utah 84111

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MAVERIK, INC.
STORE #

LINCOLN AVENUE AND
DRANSFELDT ROAD
PARKER, CO

REVISIONS

△	DESCRIPTION	DATE

DESIGNED BY: MJE	DRAWN BY: MJE
REVIEWED BY: MJE	APPROVED BY: MSI

PROTOTYPE VERSION: 50

DRAWING ISSUE

DATE: 12-6-22

PROJECT NUMBER: 21337

SHEET NAME

PHOTOMETRIC PLAN

SHEET NUMBER

26.0 OF 26

G: \Maverik\Parker, CO – 21333\Elec\PARKER E-1.2.dwg December 06 2022 4:16pm By: jill

FOR REVIEW AND PERMIT • FOR REVIEW AND PERMIT • FOR REVIEW AND PERMIT

12/6/2022 4:18:34 PM JILL EAMES G:\Maverik\Parker, CO - 21333\Elec\PARKER E-1.2.dwg

LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

SITUATED IN THE NORTHWEST ¼ OF SECTION 15,
TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

Scottsdale Vertex SCV Petroleum

ORDERING GUIDE

Back to Quick Links

TYPICAL ORDER EXAMPLE: **SCV LED 13L SC UNV DIM 50 WHT IMSBT2**

Family / Size	LED Gen	Lumen Package	Distribution	Voltage	Driver	Color Temperature	Finish	Controls
SCV - Petroleum Canopy Luminaire	**LED**	**10L** - 10000 Lumens **13L** - 13000 Lumens **15L** - 15000 Lumens **20L** - 20000 Lumens **23L** - 23000 Lumens	**SC** - Standard Symmetric	**UNV** - 120-277V **HV** - 347-480V	**DIM** - Dims to 10% (0 to 10V dimming)	**40** - 4000K **50** - 5000K	**WHT** - White **BLK** - Black **BRZ** - Bronze	**Blank** - NONE **ALSC** - AirLink Synapse Wireless Control System[1] **ALSCS** - AirLink Synapse Wireless Control System with Sensor[1] **ALBCS1** - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' mounting height)[5] **ALBCS2** - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' mounting height)[5] **IMSBT1** - Integral Bluetooth™ Motion and Photocell Sensor 8 - 24' mounting height[2,5] **IMSBT2** - Integral Bluetooth™ Motion and Photocell Sensor 25 - 40' mounting height[2,5]
		23L - 23000 Lumens	**SCFT** - Combination Standard Symmetric and Forward Throw					

Accessory Ordering Information

Description	Order Number	Description	Order Number
Retrofit Panel Kit - EC / ECTA / SCF to SCV, for 16" Deck Panel with larger openings[3]	673425	26" X 32" Beauty Plate Kit (with 4" Center hole)	564160WHT
Retrofit Panel Kit - EC / ECTA / SCF to SCV, for 12" Deck Panel[4]	676011	Junction Box	687461
Retrofit Panel Kit - RECU Richmond to SCV	673426	Kit - Hole Plugs and Sealant (enough for 25 retrofits)	1320540
Retrofit Panel Kit - UNV Universal 2x2 to SCV	673427	Rectangular Top Plate Kit (includes top plate and sealant)	678291WHT
Retrofit 2x2 Cover Panel Blank (no holes)	357282	Surface Mount Box	673433
Retrofit RIC Cover Panel Blank (no holes)	354702	Retrofit Kit - CRU/CRUS to SCV	687462
26" X 26" Beauty Plate Kit (with 4" Center hole)	557193WHT		

FOOTNOTES:
1 - Consult factory for HV with AirLink Synapse Wireless Control System.
2 - IMSBT is field configurable via the LSI app that can be downloaded from your smartphone's native app store.
3 - Ideal for 9" to 12" openings.
4 - Ideal for 9" openings.
5 - Not available in HV.

PERFORMANCE

Back to Quick Links

DELIVERED LUMENS

Drive Current	3000K CCT Delivered Lumens	3000K CCT Efficiency	3000K CCT BUG Ratings	4000K CCT Delivered Lumens	4000K CCT Efficiency	4000K CCT BUG Ratings	5000K CCT Delivered Lumens	5000K CCT Efficiency	5000K CCT BUG Ratings	Wattage
10L	8723	132	B3-U0-G1	10218	156	B3-U0-G1	10306	156	B3-U0-G1	66
13L	10921	130	B3-U0-G1	12793	153	B3-U0-G1	12933	153	B3-U0-G1	84
15L	12984	125	B3-U0-G1	15209	150	B3-U0-G1	15411	150	B3-U0-G1	103
20L	17145	132	B3-U0-G1	20083	153	B4-U0-G2	20141	155	B4-U0-G2	130
23L	19338	126	B4-U0-G2	22652	149	B4-U0-G2	23150	152	B4-U0-G2	153
23L (SCFT)	22778	119	B3-U0-G3	24581	128	B4-U0-G3	24361	127	B3-U0-G3	192

*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA*

Lumen Level	120V	208V	240V	277V	347V	480V
10L	0.55	0.32	0.28	0.24	0.19	0.14
13L	0.70	0.41	0.35	0.30	0.24	0.18
15L	0.86	0.50	0.43	0.37	0.30	0.21
20L	1.09	0.63	0.54	0.47	0.38	0.27
23L (SC)	1.27	0.73	0.64	0.55	0.44	0.32
23L (SCFT)	1.60	0.92	0.80	0.69	0.55	0.40

*Electrical data at 25°C (77°F)

SC DISTRIBUTION RECOMMENDED LUMEN MAINTENANCE[1]

Ambient Temperature C	0 hrs.[2]	25K hrs.[2]	50K hrs.[2]	75K hrs.[2]	100K hrs.[2]
25	1.00	0.96	0.92	0.88	0.84
30	1.00	0.96	0.91	0.87	0.83
35	1.00	0.96	0.91	0.87	0.83
40	1.00	0.96	0.91	0.87	0.83
45	1.00	0.96	0.91	0.87	0.82

SCFT DISTRIBUTION RECOMMENDED LUMEN MAINTENANCE[1]

Ambient Temperature C	0 hrs.[2]	25K hrs.[2]	50K hrs.[2]	75K hrs.[2]	100K hrs.[2]
25	1.00	1.00	1.00	0.99	0.99
30	1.00	1.00	0.99	0.99	0.99
35	1.00	1.00	0.99	0.99	0.99
40	1.00	1.00	0.99	0.99	0.99

1. Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
2. In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).
3. In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).

Catalog # : SCV LED 15L SC UNV DIM 40 WHT ALBCS1 w/ jbox
Project : T13
Prepared By :
Date :

Scottsdale Vertex™ (SCV)

Petroleum Canopy LED Luminaire

OVERVIEW	
Lumen Package	9,000 - 24,000
Wattage Range	66 - 192
Efficacy Range (LPW)	119 - 156
Weight lbs(kg)	15 (6.8)

QUICK LINKS

Ordering Guide | Performance | Photometrics | Dimensions

FEATURES & SPECIFICATIONS

Construction

- Rugged low-profile die-cast aluminum housing, optical unit, and driver cover.
- Below canopy access to optical chamber and driver housing for serviceability.
- IP66 rated optical unit protects integral components from dust and water.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling.
- A single fastener secures access door to driver and key components and provides quick & easy access to the electrical compartment for servicing.
- Shipping weight: 15 lbs in carton.

Optical System

- Proprietary silicone refractor optics provide exceptional coverage and uniformity in Symmetrical or Combination Forward Throw distributions.
- State-of-the-art silicone optics deliver industry leading optical control with an integrated gasket to provide an IP66 rated sealed optical chamber in one component.
- Silicone optical material does not yellow or crack with age and provides a minimum light transmittance of 93%.
- Available in 5000K and 4000K (+/- 275K) color temperatures.
- Minimum CRI of 70.

Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L80 Calculated Life: >100k Hours (See Lumen Maintenance on Page 2)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F) when mounted to Steel/ Aluminum surfaces for 10L, 13L, & 15L Lumen Packages, +45°C for 20L Lumen Package, and +40°C for 23L Lumen Package. If mounted to a non-metallic surface, reduce ambient by 5°C.
- Power factor: >0.90
- Field replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs are mounted to (4) circuit boards to maximize heat dissipation
- Driver components are fully encased in potting material for moisture resistance. Driver complies with FCC standards.

Hazardous Locaiton

- Designed for lighter than air fuel applications. Product is suitable for Class 1 Division 2 with all lumen packages and distributions only when properly installed per LSI installation instructions. Models with optional controls are not approved for Class 1, Division 2 applications.
  T5 Temperature Classification – The surface temperature of this product will not rise above 100°C., within a 40°C ambient.
  Gas Groups A,B,C, and D – Group A: Acetylene / Group B: Hydrogen / Group C: Propane and Ethylene / Group D: Benzene, Butane, Methane & Propane.

Installation

- Installs in a 12" or 16" deck pan.
- Four fasteners are provided with the fixture for using deck, metallic canopy substrates only when classified as suitable for use by installing professional otherwise suitable fasteners should be provided by others.
- Unit is designed to quickly retrofit into existing Scottsdale (4") hole.
- Aluminum locking collar and gasket are included and required for complete seal and support of canopy deck.
- Retrofit panels are available for existing Encores, Richmond, 2x2 Universal, and more.

Warranty

- LSI LED Fixtures carry a 5-year warranty or 10-year warranty with registration for petroleum applications only (contact your LSI representative for details).

Listings

- Listed to UL 1598 and UL 8750.
- RoHS Compliant.
- Meets Buy American Act requirements.
- State of California Title 24 Compliant with IMSBT or ALSC/ALSCS option.
- IP66 Rated Optical Unit per IEC 60598.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Lotus LED Lights

T9B **LD8R**

8" Round Deep Regressed LED 18W / 30W Open Plenum

Project: LD8R-40K-HO-BR-BT 8" Round Deep Regressed LED 30W Open Plenum, 30w 2900 lumens (black) - RIP8 - 7 1/2" Hole 26" Flat Rough-in Plate
Location:
Cat #: Qty:
Notes:

Type IC, Wet, Air-Tight & Open Plenum

DESCRIPTION

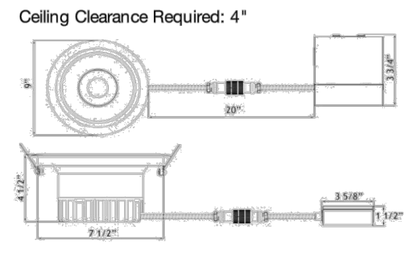
8" Round Deep Regressed LED - Elegant Design Without Glare
Commercial Grade Quality Built To Last

FEATURES & BENEFITS

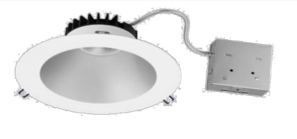
18W & 30W High Output versions with CRI 90+
Type IC, Air-Tight & Wet - No Housing Required
4 1/2" Deep - Install Where Ceiling Space Is Limited
Armored Cable & Metal Connectors - Open Plenum Rated
Driver Inside Connection Box with Romex Quick Connectors
and Knock Outs - Fast Installation & No Junction Box Needed

DIMENSIONS ID 7 1/2" OD 9" Cut Out 7 1/2" to 8"

Ceiling Clearance Required: 4"



120V TRIAC Dimmable Driver Included



Optional 120V-347V Driver 0-10V Dimmable

Order Separately as
18W: Cat # LLL-LD2050TR
30W: Cat # LLL-LD3580TR

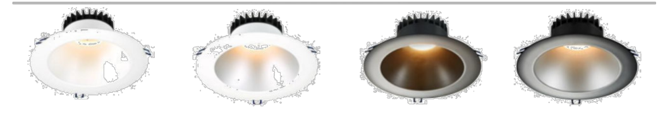
ORDERING GUIDE:

Example 18W **LD8R-30K-WR-WT**
Example 30W **LD8R-30K-HO-WR-WT**

	CCT	30W only	Reflector-Trim
LD8R	**- xxK**	**- HO**	**- xx-xx**
3000K	**- 30K**		**WR-WT**
3500K	**- 35K**		**SR-WT**
4000K	**- 40K**		**BR-BT**
5000K	**- 50K**		**SR-BT**
DTW 3K-2K	**- 32K**		

SPECIFICATION	
Applications	Recessed Ceiling Mount
Energy Used	15W Regular / 18W High Output
Color Temperature (K)	3000 | 3500 | 4000 | 5000 | DTW 3-2
Light Output 18W (lm)	1550 | 1600 | 1650 | 1700 | 1150
Light Output 30W (lm)	2700 | | 2900 |
Beam Angle	38°
CRI	90 +
Default Driver Input	120V AC Triac Dimmable
Optional Driver Input	120V-347V AC 0-10V Dimmable
Junction Box Wire Capacity	Max 5 No 12 AWG or 8 No 14 AWG
Power Factor	0.98
Approved Location	Insulated Ceilings, Open Plenum, Wet
IP Rating	IP 54
Air Tight	Yes
Ambient Temperature	-40°F (-40°C) to +104°F (+40°C)
Projected Life	70% Light Output at 50,000 Hours
Certification	cULus, Energy Star (except DTW), T24
Warranty	10 Year Residential / 5 Year Commercial

AVAILABLE TRIMS



White Reflector White Trim	Silver Reflector White Trim	Black Reflector Black Trim	Silver Reflector Black Trim
WR-WT	**SR-WT**	**BR-BT**	**SR-BT**

ACCESSORIES Sold Separately

Armored Low Voltage Extension
10ft cat # **MEC10**
Flat Rough-In Plates - cat # **RIP8**
Goof Ring White OD 9 1/2" cat # **GR8**
Goof Ring White OD 10 1/2" cat # **GR810**

COMPLIANCE

c UL US LISTED E479890 · ENERGY STAR · TITLE 24 COMPLIANT · WET LOCATION

Type IC
Air - Tight
Open Plenum

Slice Medium Outdoor LED Area Light

ACCESSORY ORDERING INFORMATION[8]

Controls Accessories

Description	Order Number
Twist Lock Photocell (120V) for use with CR7P	122514
Twist Lock Photocell (208-277) for use with CR7P	122515
Twist Lock Photocell (347V) for use with CR7P	122516
Twist Lock Photocell (480V) for use with CR7P	1225180
AirLink 5 Pin Twist Lock Controller	661409
AirLink 5 Pin Twist Lock Controller	661410
Pole-Mounted Occupancy Sensor (24V)	663284CLR
Shorting Cap for use with CR7P	149328

Mounting Accessories

Description	Order Number
Round Pole Adapter (3" Round/Tapered Poles)	408273CLR
Round Pole Adapter (4" Round Poles)	379967CLR
Round Pole Adapter (5" Round Poles)	379968CLR
Universal Mounting Bracket	684616CLR
Adjustable Slip Fitter (2" - 2 3/8" Tenon)	688138CLR
Quick Mount Pole Bracket (Square Pole)	687073CLR
Quick Mount Pole Bracket (4-5" Round Pole)	689903CLR
15 Tilt Quick Mount Pole Bracket (Square Pole)	688003CLR
15 Tilt Quick Mount Pole Bracket (4-5" Round Pole)	689905CLR
Wall Mount Bracket	382132CLR
Wood Pole Bracket (6" Minimum Pole Diameter)	751219CLR

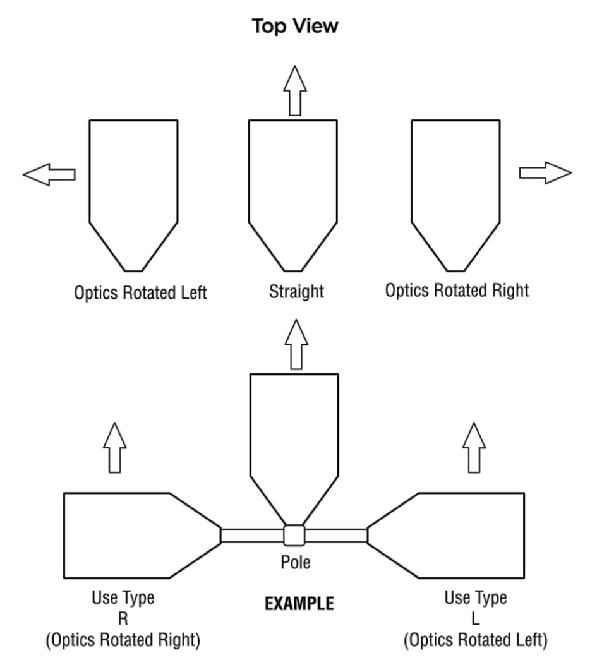
Fusing Accessories

Description	Order Number
Single Fusing (120V)	FK120
Single Fusing (120V)	FK277
Double Fusing (208V, 240V)	DFK240
Double Fusing (480V)	DFK480
Double Fusing (347V)	DFK347

Miscellaneous Accessories

Description	Order Number
Integral Louver/Shield	684812
Integral Houseside Shield	743414
10' Linear Bird Spike Kit (6' Recommended per Luminaire)	736795

OPTICS ROTATION



ACCESSORIES/OPTIONS

Integral Louver (IL) and House-Side Shield (IH)

Accessory louver and shield available for improved backlight control without sacrificing street side performance. LSI's Integral Louver (L) and Integral House-Side Shield (IH) options deliver backlight control that significantly reduces spill light behind the poles for applications with pole locations close to adjacent properties. The design maximizes forward reflected light while reducing glare, maintaining the optical distribution selected, and most importantly eliminating light trespass. Both options rotate with the optical distribution.

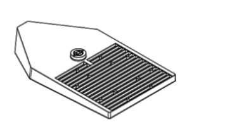
Luminaire Shown with Integral Loxquver (IL)

Luminaire Shown with IMSBT Option

7 Pin Photoelectric Control

7-pin ANSI C136.41-2013 control receptacle option available for twist lock photocontrols or wireless control modules. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring).

Fixture Shown with CR7P



Slice Medium Outdoor LED Area Light

ORDERING GUIDE

Back to Quick Links

TYPICAL ORDER EXAMPLE: **SLM LED 36L SIL FTA UNV DIM 50 70CRI ALSCS04 BRZ IL**

Luminaire Prefix	Light Source	Lumen Package	Light Output	Distribution	Orientation[1]	Voltage	Driver
SLM Slice Medium	**LED**	**9L** - 9,000 lms **12L** - 12,000 lms **18L** - 18,000 lms **24L** - 24,000 lms **30L** - 30,000 lms **36L** - 36,000 lms **42L** - 42,000 lms **Custom Lumen Packages[11]**	**SIL** - Silicone	**2** - Type 2 **3** - Type 3 **5W** - Type 5 Wide **FT** - Forward Throw **FTA** - Forward Throw Automotive **AM** - Automotive Merchandise	**(blank)** - standard **L**- Optics rotated left 90 **R** - Optics rotated right 90	**UNV** - Universal Voltage (120-277V) **HV** - High Voltage (347-480V)	**DIM** - 0-10V Dimming (0-10%)

Color Temp	Color Rendering	Controls (Choose One)	Finish	Options
50 - 5,000 CCT **40** - 4,000 CCT **30** - 3,000 CCT[2] **AMB** - Phosphor Converted Amber[2,3]	**70CRI** - 70 CRI	**(Blank) - None** **Wireless Controls System** **ALSC** - AirLink Synapse Control System[4] **ALSCH** - AirLink Synapse Control System Host / Satellite[4,5] **ALSCS01** - AirLink Synapse Control System with 8-12' Motion Sensor[4] **ALSCHS01** - AirLink Synapse Control System Host / Satellite with 8-12' Motion Sensor[4,5] **ALSCS02** - AirLink Synapse Control System with 12-20' Motion Sensor[4] **ALSCHS02** - AirLink Synapse Control System Host / Satellite with 12-20' Motion Sensor[4,5] **ALSCS04** - AirLink Synapse Control System with 20-40' Motion Sensor[4] **ALSCHS04** - AirLink Synapse Control System Host / Satellite with 20-40' Motion Sensor[4,5] **ALBCS1** - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' mounting height)[4] **ALBCS2** - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' mounting height)[4] **Stand-Alone Controls** **EXT** - 0-10V Dimming leads extended to housing exterior **CR7P** - 7 Pin Control Receptacle ANSI C136.41[7] **IMSBT1**- Integral Bluetooth™ Motion and Photocell Sensor max 8-24' mounting height[4,6] **IMSBT2**- Integral Bluetooth Motion and Photocell Sensor max 25-40' mounting height[4,6] **Button Type Photocells** **PCI120** - 120V **PCI208-277** - 208 -277V **PCI347** - 347V	**BRZ** - Bronze **BLK** - Black **GPT** - Graphite **MSV** - Metallic Silver **WHT** - White **PLP** - Platinum Plus **SVG** - Satin Verde Green	**(Blank) - None** **IH** - Integral Houseside Shield[1] **IL** - Integral Louver (Sharp Spill Light Cutoff)[1]

FOOTNOTES:
1 - Not available on "Type 5W" distribution.
2 - Consult Factory for availability.
3 - Only available in 9L and 12L Lumen Packages
4 - Not available in HV.
5 - Consult Factory for Site Layout
6 - IMSBT is field configurable via the LSI app that can be downloaded from your smartphone's native app store.
7 - Control device or shorting cap must be ordered separately. See Accessory Ordering Information.
8 - Accessories are shipped separately and field installed.
9 - Factory installed CR7P option required. See Options.
10 - "CLR" denotes finish. See Finish options.
11 - Custom lumen and wattage packages available consult factory. Values are within industry standard tolerances but not DLC listed.

Catalog # : SLM LED 18L SIL 3 UNV 40 70CRI BRZ
Project : Maverik T14
Prepared By :
Date :

Slice Medium (SLM)

Outdoor LED Area Light

OVERVIEW	
Lumen Package	9,000 - 42,000
Wattage Range	69 - 390
Efficacy Range (LPW)	93 - 145
Weight lbs(kg)	30 (13.6)

QUICK LINKS

Ordering Guide | Performance | Photometrics | Dimensions

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Designed to mount to square poles.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 30 lbs in carton.

Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated sealed optical chamber in 1 component.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in IES Types 2, 3, 5W, FT, FTA and AM.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak intensity at 610nm.
- Minimum CRI of 70.
- Integral louver (IL) and house-side shield (IH) options available for improved backlight control without sacrificing street side performance. See page 5 for more details.

Electrical

- High-performance programmable driver features over-voltage, under-voltage, short-circuit and over temperature protection. Custom lumen and wattage packages available.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L80 Calculated Life: >100k Hours (See Lumen Maintenance on Page 3)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 42L lumen package rated to +40ºC.
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor (see page 5 for more details). Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7. (see page 5 for more details.

Installation

- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
- Included terminal block accepts up to 12 ga. wire.
- Utilizes LSI's traditional 3" drill pattern B3 for easy fastening of LSI products.

Warranty

- LSI LED Fixtures carry a 5-year warranty.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; with 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet Locations.
- IP66 rated Luminaire per IEC 60598.
- 3G rated for ANSI C136.31 high vibration applications
- IP66 rated Luminaire per IEC 60598.
- 3G rated for ANSI C136.31 high vibration applications are qualified.

Specifications and dimensions subject to change without notice.

MAVERIK

185 S. State Street
Salt Lake City, Utah 84111

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ENGINEER:

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Consulting Engineers
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Pocatello, Idaho 83201
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COLORADO REGISTERED PROFESSIONAL ENGINEER
MICHAEL S. INSKEEP
57480

MAVERIK, INC.
STORE #

LINCOLN AVENUE AND DRANSFELDT ROAD
PARKER, CO

REVISIONS

△	DESCRIPTION	DATE

DESIGNED BY: MJE	DRAWN BY: MJE
REVIEWED BY: MJE	APPROVED BY: MSI

PROTOTYPE VERSION: 50

DRAWING ISSUE
DATE: 11-3-22
PROJECT NUMBER: 21337

SHEET NAME

LUMINAIRE CUT SHEETS

SHEET NUMBER

26.1 OF 26

G:\Maverik\Parker, CO – 21333\Elec\PARKER E–1.2.dwg October 20 2021 5:44pm By: jill

FOR REVIEW AND PERMIT • FOR REVIEW AND PERMIT • FOR REVIEW AND PERMIT

11/3/2022 1:14:35 PM JILL EAMES G:\Maverik\Parker, CO - 21333\Elec\PARKER E-1.3.dwg

LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1
MAVERIK INC. STORE SITE PLAN

SITUATED IN THE NORTHWEST ¼ OF SECTION 15,
TOWNSHIP 6 SOUTH, RANGE 66 WEST OF THE 6TH P.M.
TOWN OF PARKER, COUNTY OF DOUGLAS, STATE OF COLORADO

11/3/2022 1:15:45 PM JILL EAMES G:\Maverik\Parker, CO - 21333\Elec\PARKER E-1.4.dwg

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Slice Medium - SLM
Outdoor LED Area Light

Features & Specifications (Cont.)

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Designed to mount to square poles.
- Luminaire is proudly manufactured in the U.S.of U.S. and imported parts.
- IP66 rated luminaire protects integral components from harsh environments.
- 3G rated for ANSI C136.31 high vibration applications
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 30 lbs in carton.

Controls

Wireless Controls System

To make this fixture AirLink ready, simply order one of the following options:

a. The integrated Wireless Lighting Controller: ALSC or ALSCH (see ordering guide) as the controls option, or

b. Integrated Wireless Controller option (above) with integrated motion sensor: ALSCS (ordering guide for mounting heights) or

c. The 7-Pin Photoelectric Control Receptacle: CR7P as the controls option; and either the 5-Pin or 7-Pin Twist Lock Controller: ALSC UNV TL5 or ALSC UNV TL7 as an accessory

To see how the components of AirLink system work together, reference the diagram in the controls section of this specsheet. For more information on our AirLink products, visit our website: www.lsi-airlink.com/airlink-synapse/

Stand-Alone Controls

- The integral passive infrared motion sensor (IMS) activates switching of luminaire light levels (see the controls section for more details).
- The 7-pin ANSI C136.41-2013 photocontrol receptacle option (CR7P) is available for twist lock photocontrols or wireless control modules.
- The Button Type Photocells (PCI) are capable of switching luminaires ON/OFF in response to the amount of available daylight.

Installation

- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment for installing/servicing.
- Included terminal block provides quick and easy on-site wiring.
- Utilizes LSI's traditional 3" drill pattern for easy fastening of LSI products. (See drawing on page 1)

Warranty

- LSI LED Fixtures carry a 5-year warranty.

Listings

- Listed to UL 1598 and UL 8750.
- RoHS Compliant.
- American Recovery and Reinvestment Act Funding Compliant.
- IDA compliant; with 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable For wet Locations.
- IP66 rated Luminaire. IP66 rated optical chamber.
- 3G rated for ANSI C136.31 high vibration applications

Performance

ELECTRICAL DATA (AMPS)*

Lumens	Watts	120V	208V	240V	277V	347V	480V
9L	68.2	0.6A	0.3A	0.3A	0.2A	0.2A	0.1A
12L	93.1	0.8A	0.4A	0.4A	0.3A	0.3A	0.2A
18L	148.5	1.2A	0.7A	0.6A	0.5A	0.4A	0.3A
24L	188.8	1.6A	0.9A	0.8A	0.7A	0.5A	0.4A
30L	248.6	2.1A	1.2A	1.0A	0.9A	0.7A	0.5A
36L	317.8	2.6A	1.5A	1.3A	1.1A	0.9A	0.7A
42L	393.4	3.3A	1.9A	1.6A	1.4A	1.1A	0.8A

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%

ELECTRICAL DATA - PHOSPHOR CONVERTED AMBER (AMPS)*

Lumens	Watts	120V	208V	240V	277V	347V	480V
9L	74.3	0.6A	0.4A	0.3A	0.3A	0.2A	0.2A
12L	102.9	0.9A	0.5A	0.4A	0.4A	0.3A	0.2A

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%

RECOMMENDED LUMEN MAINTENANCE[1](24-42L)

Ambient	Initial[2]	25 hr[2]	50 hr[2]	75 hr[3]	100 hr[3]
0-40 C	100%	100%	97%	94%	92%

RECOMMENDED LUMEN MAINTENANCE[1](9-18L)

Ambient	Initial[2]	25 hr[2]	50 hr[2]	75 hr[3]	100 hr[3]
0-50 C	100%	96%	91%	87%	83%

1- Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing.
2- In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.
3- In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing

DELIVERED LUMENS*

Lumen Package	Distribution	Phosphor Converted Amber			Wattage
		Delivered Lumens	Efficacy	BUG Rating	
9L	2	5958	80	B2-U0-G1	74
	2 IL	3735	50	B0-U0-G1	
	3	6196	83	B1-U0-G1	
	3 IL	4205	56	B0-U0-G1	
	5W	5528	74	B3-U0-G1	
	FT	5922	79	B1-U0-G2	
	FT IL	3712	50	B0-U0-G1	
	FTA	5997	80	B2-U0-G2	
	FTA IL	4254	57	B0-U0-G1	
12L	2	7559	73	B2-U0-G2	103
	2 IL	4738	46	B0-U0-G1	
	3	7860	76	B2-U0-G2	
	3 IL	5335	52	B0-U0-G1	
	5W	7013	68	B3-U0-G2	
	FT	7513	73	B2-U0-G2	
	FT IL	4709	46	B0-U0-G2	
	FTA	7608	74	B2-U0-G2	
	FTA IL	5397	52	B0-U0-G1	

*LED Chips are frequently updated therefore values are nominal

LUMINAIRE EPA CHART - SLM

Tilt Degree		0°	30°	45°	Tilt Degree		0°	30°	45°
	Single	0.5	2.1	2.6		T90°	1.2	2.9	3.6
	D180°	1.1	2.1	2.6		TN120°	1.3	4.4	5.4
	D90°	0.9	2.5	3.1		Q90°	1.2	2.9	3.6

Specifications and dimensions subject to change without notice.

Catalog # : SLM LED 18L SIL FT UNV 40 70CRI BRZ	Project : MAVERIK - T14A
Prepared By :	Date :

Slice Medium - SLM
Outdoor LED Area Light

The Slice's sleek design makes it perfectly-suited for Commercial & Industrial applications, while its cost-effective die-cast aluminum housing makes its acquisition cost very competitive. The Slice offers high performance silicone optics, die cast aluminum housing, 42,000+ lumens and is available with integral Airlink Synapse controls.

Features & Specifications

Optical System

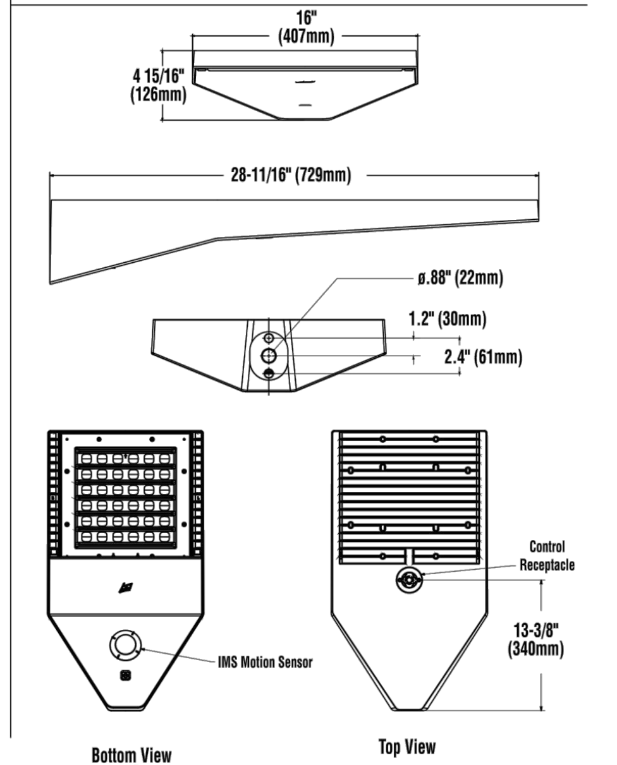
- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated sealed optical chamber in 1 component.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in IES Types 2, 3, 5W, FT and FTA.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, 3000K, and 2700K color temperatures per ANSI C78.377. Also available in Phosphor Converted Amber, consult factory for availability.
- Minimum CRI of 70. Optional 80 CRI available, consult factory for lead time.
- Integral Louver (IL) option available for improved back-light control without sacrificing street side performance. See page 5 for more details.

Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L80 Calculated Life: >100k Hours (See Lumen Maintenance on Page 3)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 42L lumen package rated to +40°C.
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Terminal block provided accepts up to 10ga wire.
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

Dimmable IP66 RoHS COMPLIANT ARRA Funding Compliant c UL us LISTED MANUFACTURED IN USA TITLE 24 COMPLIANT ida DARK SKY APPROVED DLC QPL LISTED DLC QPL LISTED PREMIUM

Product Dimensions



Slice Medium Outdoor LED Area Light

PERFORMANCE

Back to Quick Links

Delivered Lumens*

Lumen Package	Distribution	CRI	3000K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
9L	2	70	8956	131	B2-U0-G2	9427	138	B2-U0-G2	9838	144	B2-U0-G2	68
	3		9088	133	B2-U0-G2	9566	140	B2-U0-G2	9983	146	B2-U0-G2	
	5W		8431	123	B3-U0-G2	8875	130	B3-U0-G2	8262	135	B3-U0-G2	
	FT		9046	133	B2-U0-G2	9522	140	B2-U0-G2	9937	146	B2-U0-G2	
	FTA		8993	131	B2-U0-G2	9466	138	B2-U0-G2	9879	144	B2-U0-G2	
	AM		8953	132	B2-U0-G1	9817	144	B2-U0-G2	10210	150	B2-U0-G2	
12L	2	70	11842	127	B3-U0-G2	12465	134	B3-U0-G2	13009	140	B3-U0-G2	93
	3		12017	129	B2-U0-G2	12649	136	B2-U0-G2	13200	142	B2-U0-G2	
	5W		11149	120	B4-U0-G2	11735	126	B4-U0-G2	12247	132	B4-U0-G2	
	FT		11962	128	B2-U0-G2	12591	135	B2-U0-G2	13140	141	B2-U0-G3	
	FTA		11891	128	B3-U0-G3	12517	134	B3-U0-G3	13062	140	B3-U0-G3	
	AM		11997	129	B2-U0-G2	13155	141	B3-U0-G2	13681	147	B3-U0-G2	
18L	2	70	17722	119	B3-U0-G3	18655	126	B3-U0-G3	19468	131	B3-U0-G3	149
	3		17984	121	B2-U0-G3	18930	127	B3-U0-G3	19755	133	B3-U0-G3	
	5W		16685	112	B4-U0-G2	17563	118	B4-U0-G2	18328	123	B4-U0-G2	
	FT		17901	121	B3-U0-G3	18843	127	B3-U0-G3	19664	132	B3-U0-G4	
	FTA		17796	120	B3-U0-G3	18732	126	B3-U0-G3	19549	132	B3-U0-G3	
	AM		17906	121	B3-U0-G2	19634	133	B3-U0-G2	20419	148	B3-U0-G2	
24L	2	70	24122	128	B4-U0-G3	24851	132	B4-U0-G3	25119	133	B4-U0-G3	189
	3		24945	132	B3-U0-G3	25699	136	B3-U0-G4	25976	138	B3-U0-G4	
	5W		22673	122	B5-U0-G3	23667	125	B5-U0-G3	23823	127	B5-U0-G3	
	FT		24276	129	B3-U0-G4	25010	132	B3-U0-G4	25280	134	B3-U0-G4	
	FTA		24715	131	B3-U0-G3	25462	135	B3-U0-G3	25737	136	B3-U0-G3	
	AM		24056	127	B3-U0-G2	25729	136	B3-U0-G3	26243	139	B3-U0-G3	
30L	2	70	30286	122	B4-U0-G3	31201	126	B4-U0-G3	31538	127	B4-U0-G3	249
	3		31319	126	B3-U0-G4	32266	130	B3-U0-G4	32614	131	B3-U0-G4	
	5W		28843	116	B5-U0-G3	29715	120	B5-U0-G3	30036	121	B5-U0-G4	
	FT		30479	123	B3-U0-G4	31401	126	B3-U0-G4	31740	128	B3-U0-G5	
	FTA		31030	125	B3-U0-G3	31969	129	B4-U0-G3	32314	130	B4-U0-G3	
	AM		30471	122	B3-U0-G3	32590	131	B3-U0-G3	33242	134	B3-U0-G3	
36L	2	70	36082	114	B4-U0-G4	37173	117	B4-U0-G4	37574	118	B4-U0-G4	318
	3		37313	117	B3-U0-G4	38442	121	B3-U0-G4	38857	122	B4-U0-G4	
	5W		34363	108	B5-U0-G4	35402	111	B5-U0-G4	35784	113	B5-U0-G4	
	FT		36313	114	B3-U0-G5	37411	118	B4-U0-G5	37815	119	B4-U0-G5	
	FTA		36969	116	B4-U0-G4	38087	120	B4-U0-G4	38498	121	B4-U0-G4	
	AM		36718	115	B3-U0-G3	39270	123	B4-U0-G3	40056	126	B4-U0-G3	
42L	2	70	41060	104	B5-U0-G4	42301	108	B5-U0-G4	42758	109	B5-U0-G4	393
	3		42461	108	B4-U0-G5	43745	111	B4-U0-G5	44217	112	B4-U0-G5	
	5W		39104	99	B5-U0-G4	40286	102	B5-U0-G4	40721	104	B5-U0-G4	
	FT		41323	105	B4-U0-G5	42572	108	B4-U0-G5	43032	109	B4-U0-G5	
	FTA		42069	107	B4-U0-G4	43341	110	B4-U0-G4	43809	111	B4-U0-G4	
	AM		42205	107	B4-U0-G3	45138	114	B4-U0-G3	46041	116	B4-U0-G3	

Type: ____________

Advantage Series LED Strip Fixture

ORDERING GUIDE

Back to Quick Links

TYPICAL ORDER EXAMPLE: **AST 4 4L SA UNV 840**

Family	Length	Lumen Package	Lens Type	Voltage	Color Temperature	EM Options	Options
AST	**4** - 4' **8** - 8'	**4L** - 4,500 Lumens **8L** - 8,600 Lumens	**SA** - Smooth Diffuse Acrylic Lens	**UNV** - Universal Voltage (120V-277V)	**835** - 3500K 80CRI **840** - 4000K 80CRI **850** - 5000K 80CRI	**EM10** - 10W Emergency Backup[1]	**E6CN** - 6' Cord 16/3 non-dimming (no plug) installed on END **E6CD** - 6' Cord 16/5 dimming (no plug) installed on END **E10CN** - 10' Cord 16/3 non-dimming (no plug) installed on END **E10CD** - 10' Cord 16/5 dimming (no plug) installed on END

1 - Units with EM are not DLC Listed

PERFORMANCE

Back to Quick Links

DELIVERED LUMENS

Length (ft)	Lumen Package	CRI	3500K CCT			4000K			5000K CCT		
			Delivered Lumens	Efficacy	Wattage	Delivered Lumens	Efficacy	Wattage	Delivered Lumens	Efficacy	Wattage
4	4L	80	3,811	119	32	4,224	132	32	4,256	133	32
8	8L	80	8,450	130	65	8,580	132	65	8,645	133	65

Surface Mount Bracket View

Catalog #: AST 4 4L SA UNV 840 Project: T15
Prepared By: ____________ Date: ____________ Type: ____________

AST
Advantage Series LED Strip Fixture

damp location DLC

OVERVIEW	
Lumen Range	4,500 - 8,600
CCT	3500K, 4000K, 5000K
Wattage Range	20 - 65
Efficacy Range (LPW)	117 - 133
Weight lbs (kg)	4ft - 6.2 8ft - 13.8

QUICK LINKS

Ordering Guide | Performance | Photometrics | Dimensions

FEATURES & SPECIFICATIONS

Construction

- Rigid 22 gauge post painted white housing
- Available in 4ft and 8ft lengths
- Continuous diffuse acrylic lens in all lengths

Optical System

- Minimum CRI of 80
- Available in 3500K, 4000K, 5000K

Electrical

- 0-10V dimming (10%-100%) standard
- Standard Universal Voltage (120-277 Vac) Input 50-60Hz
- L80 Calculated Life: >50K hours
- Operating Temperature -20 to +50C (-4F to +122F)

Installation

- Easy Installation in new construction or retrofit
- Surfacement mount or chain mount with V hook

Warranty

- Complete warranty terms located at: https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.

Listings

- Damp Location Rated
- DLC qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Slice Medium - SLM
Outdoor LED Area Light

DELIVERED LUMENS*

Lumen Package	Distribution	CRI	2700K CCT			3000K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
9L	2	70	8349	122	B2-U0-G2	8576	125	B2-U0-G2	9396	137	B2-U0-G2	9784	143	B2-U0-G2	69
	2 IL	70	5185	76	B0-U0-G1	5326	78	B0-U0-G1	5835	85	B0-U0-G1	6076	89	B0-U0-G1	
	3	70	8571	125	B1-U0-G2	8804	129	B1-U0-G2	9646	141	B2-U0-G2	10044	147	B2-U0-G2	
	3 IL	70	6283	92	B0-U0-G2	6454	94	B0-U0-G2	7071	103	B0-U0-G2	7363	107	B0-U0-G2	
	5W	70	8158	119	B3-U0-G2	8380	122	B3-U0-G2	9181	134	B3-U0-G2	9560	140	B4-U0-G2	
	FT	70	8337	122	B2-U0-G2	8563	125	B2-U0-G2	9382	137	B2-U0-G2	9769	143	B2-U0-G2	
	FT IL	70	5393	79	B0-U0-G2	5540	81	B0-U0-G2	6069	89	B0-U0-G2	6320	92	B0-U0-G2	
	FTA	70	8459	123	B2-U0-G2	8689	127	B2-U0-G2	9520	139	B2-U0-G2	9913	145	B2-U0-G2	
	FTA IL	70	6200	91	B1-U0-G1	6369	93	B1-U0-G1	6978	102	B1-U0-G1	7266	106	B1-U0-G1	
12L	2	70	11157	119	B2-U0-G2	11461	122	B2-U0-G2	12556	134	B3-U0-G2	13075	139	B3-U0-G2	94
	2 IL	70	6929	74	B1-U0-G1	7117	76	B1-U0-G2	7798	83	B1-U0-G2	8119	86	B1-U0-G2	
	3	70	11454	122	B2-U0-G2	11766	125	B2-U0-G2	12890	137	B2-U0-G2	13423	143	B2-U0-G2	
	3 IL	70	8396	89	B0-U0-G2	8625	92	B0-U0-G2	9449	101	B0-U0-G2	9839	105	B0-U0-G2	
	5W	70	10902	116	B4-U0-G2	11199	119	B4-U0-G2	12269	131	B4-U0-G2	12775	136	B4-U0-G2	
	FT	70	11141	119	B2-U0-G2	11444	122	B2-U0-G2	12538	133	B2-U0-G3	13055	139	B2-U0-G3	
	FT IL	70	7207	77	B0-U0-G2	7403	79	B0-U0-G2	8110	86	B0-U0-G2	8445	90	B0-U0-G2	
	FTA	70	11304	120	B2-U0-G2	11612	124	B2-U0-G2	12722	135	B2-U0-G2	13247	141	B2-U0-G2	
	FTA IL	70	8286	88	B1-U0-G1	8511	91	B1-U0-G1	9325	99	B1-U0-G1	9710	103	B1-U0-G1	
18L	2	70	16714	112	B3-U0-G3	17168	115	B3-U0-G3	18809	126	B3-U0-G3	19586	131	B3-U0-G3	150
	2 IL	70	10379	69	B1-U0-G2	10662	71	B1-U0-G2	11681	78	B1-U0-G2	12163	81	B1-U0-G2	
	3	70	17158	115	B2-U0-G3	17625	118	B2-U0-G3	19310	129	B3-U0-G3	20107	134	B3-U0-G3	
	3 IL	70	12578	84	B1-U0-G3	12920	86	B1-U0-G3	14155	95	B1-U0-G3	14739	99	B1-U0-G3	
	5W	70	16331	109	B4-U0-G2	16776	112	B4-U0-G2	18379	123	B4-U0-G2	19138	128	B5-U0-G3	
	FT	70	16689	112	B3-U0-G3	17143	115	B3-U0-G3	18781	126	B3-U0-G4	19557	131	B3-U0-G4	
	FT IL	70	10795	72	B1-U0-G2	11089	74	B1-U0-G2	12149	81	B1-U0-G3	12651	85	B1-U0-G3	
	FTA	70	16934	113	B3-U0-G3	17395	116	B3-U0-G3	19058	127	B3-U0-G3	19844	133	B3-U0-G3	
	FTA IL	70	12412	83	B1-U0-G1	12750	85	B1-U0-G2	13969	93	B1-U0-G2	14546	97	B1-U0-G2	
24L	2	70	20880	112	B3-U0-G3	22701	121	B4-U0-G3	24276	130	B4-U0-G3	24784	133	B4-U0-G3	187
	2 IL	70	13100	70	B1-U0-G2	14243	76	B1-U0-G2	15231	81	B1-U0-G2	15550	83	B1-U0-G2	
	3	70	21739	116	B3-U0-G3	23636	126	B3-U0-G4	25275	135	B3-U0-G4	25804	138	B3-U0-G4	
	3 IL	70	15828	85	B1-U0-G3	17209	92	B1-U0-G3	18403	98	B1-U0-G4	18788	100	B1-U0-G4	
	5W	70	20632	110	B5-U0-G3	22432	120	B5-U0-G3	23988	128	B5-U0-G3	24490	131	B5-U0-G3	
	FT	70	21611	116	B3-U0-G4	23496	126	B3-U0-G4	25126	134	B3-U0-G4	25652	137	B3-U0-G4	
	FT IL	70	13692	73	B1-U0-G3	14886	80	B1-U0-G3	15919	85	B1-U0-G3	16252	87	B1-U0-G3	
	FTA	70	21496	115	B3-U0-G3	23371	125	B3-U0-G3	24992	134	B3-U0-G3	25515	136	B3-U0-G3	
	FTA IL	70	15226	81	B1-U0-G2	16555	89	B1-U0-G2	17703	95	B2-U0-G2	18073	97	B2-U0-G2	
30L	2	70	26581	108	B4-U0-G3	28900	117	B4-U0-G3	30905	125	B4-U0-G3	31551	128	B4-U0-G3	247
	2 IL	70	16677	68	B1-U0-G2	18132	73	B1-U0-G2	19390	79	B1-U0-G2	19796	80	B1-U0-G2	
	3	70	27675	112	B3-U0-G4	30089	122	B3-U0-G4	32176	130	B3-U0-G4	32850	133	B3-U0-G4	
	3 IL	70	20150	82	B1-U0-G4	21908	89	B1-U0-G4	23428	95	B1-U0-G4	23918	97	B1-U0-G4	
	5W	70	26266	106	B5-U0-G3	28557	116	B5-U0-G3	30538	124	B5-U0-G4	31177	126	B5-U0-G4	
	FT	70	27512	111	B3-U0-G4	29912	121	B3-U0-G4	31987	130	B3-U0-G4	32656	132	B3-U0-G5	
	FT IL	70	17430	71	B1-U0-G3	18951	77	B1-U0-G4	20266	82	B1-U0-G4	20690	84	B1-U0-G4	
	FTA	70	27365	111	B3-U0-G3	29752	120	B4-U0-G3	31816	129	B4-U0-G3	32482	132	B4-U0-G3	
	FTA IL	70	19384	78	B2-U0-G2	21075	85	B2-U0-G2	22537	91	B2-U0-G2	23008	93	B2-U0-G2	
36L	2	70	32214	102	B4-U0-G3	35025	111	B4-U0-G3	37454	118	B4-U0-G3	38238	121	B4-U0-G4	317
	2 IL	70	20212	64	B1-U0-G2	21975	69	B1-U0-G3	23499	74	B2-U0-G3	23991	76	B2-U0-G3	
	3	70	33540	106	B3-U0-G4	36466	115	B3-U0-G5	38996	123	B3-U0-G5	39812	126	B3-U0-G5	
	3 IL	70	24421	77	B1-U0-G4	26551	84	B1-U0-G4	28393	90	B1-U0-G4	28987	92	B1-U0-G5	
	5W	70	31832	101	B5-U0-G4	34609	109	B5-U0-G4	37010	117	B5-U0-G4	37785	119	B5-U0-G4	
	FT	70	33342	105	B3-U0-G5	36251	114	B3-U0-G5	38766	122	B4-U0-G5	39577	125	B4-U0-G5	
	FT IL	70	21125	67	B1-U0-G4	22968	73	B1-U0-G4	24561	78	B1-U0-G4	25075	79	B1-U0-G4	
	FTA	70	33164	105	B4-U0-G3	36058	114	B4-U0-G4	38559	122	B4-U0-G4	39366	124	B4-U0-G3	
	FTA IL	70	23492	74	B2-U0-G2	25541	81	B2-U0-G2	27313	86	B2-U0-G2	27885	88	B2-U0-G2	
42L	2	70	36785	94	B4-U0-G3	39994	103	B5-U0-G4	42768	110	B5-U0-G4	43663	112	B5-U0-G4	390
	2 IL	70	23079	59	B1-U0-G3	25093	64	B2-U0-G3	26833	69	B2-U0-G3	27395	70	B2-U0-G3	
	3	70	38299	98	B3-U0-G5	41640	107	B4-U0-G5	44528	114	B4-U0-G5	45460	117	B4-U0-G5	
	3 IL	70	27886	72	B1-U0-G4	30319	78	B1-U0-G5	32422	83	B1-U0-G5	33100	85	B1-U0-G5	
	5W	70	36349	93	B5-U0-G4	39520	101	B5-U0-G4	42261	108	B5-U0-G4	43145	111	B5-U0-G4	
	FT	70	38073	98	B4-U0-G5	41395	106	B4-U0-G5	44266	114	B4-U0-G5	45192	116	B4-U0-G5	
	FT IL	70	24122	62	B1-U0-G4	26226	67	B1-U0-G4	28045	72	B1-U0-G4	28632	73	B1-U0-G4	
	FTA	70	37870	97	B4-U0-G4	41174	106	B4-U0-G4	44030	113	B4-U0-G4	44951	115	B4-U0-G4	
	FTA IL	70	26825	69	B2-U0-G2	29165	75	B2-U0-G2	31188	80	B2-U0-G2	31841	82	B2-U0-G2	

*LED Chips are frequently updated therefore values are nominal

Specifications and dimensions subject to change without notice.

MAVERIK

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LINCOLN AVENUE AND DRANSFELDT ROAD
PARKER, CO

REVISIONS

△	DESCRIPTION	DATE

DESIGNED BY: MJE	DRAWN BY: MJE
REVIEWED BY: MJE	APPROVED BY: MSI
PROTOTYPE VERSION: 50	

DRAWING ISSUE

DATE: 11-3-22

PROJECT NUMBER: 21337

SHEET NAME

LUMINAIRE CUT SHEETS

SHEET NUMBER

G:\Maverik\Parker, CO – 21333\Elec\PARKER E–1.2.dwg October 20 2021 5:44pm By: jill

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