

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

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

PROJECT NUMBER

21-122-0001

ISSUE DATE:

March 10, 2022

REVISIONS:

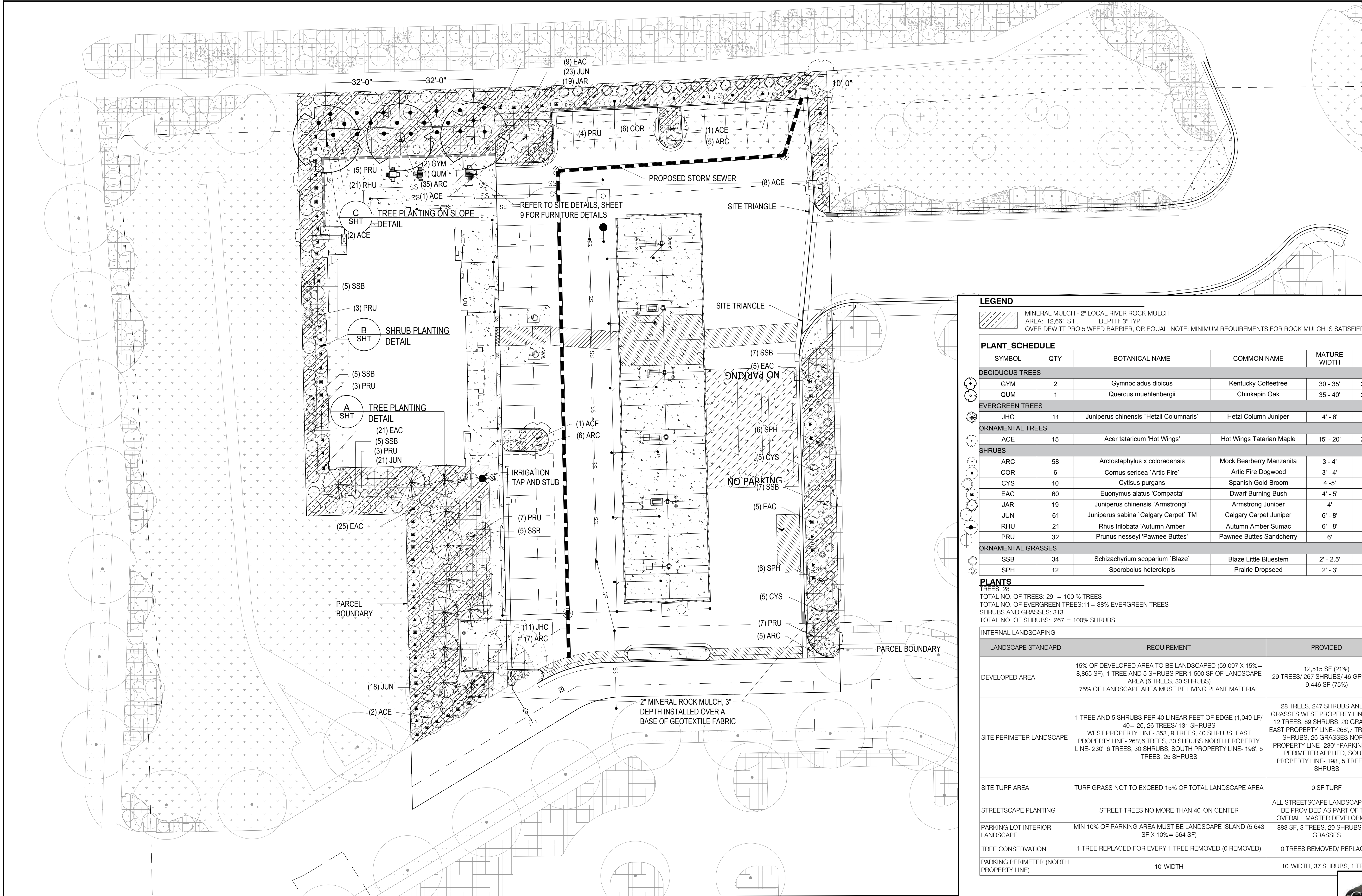
No.	Date	Description
1	5-24-22	CITY REVIEW
2	7-13-22	CITY REVIEW
3	10-19-22	CITY REVIEW
4	10-26-22	CITY REVIEW
5	12-08-22	CITY REVIEW
6	1-09-23	CITY REVIEW

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



LEGEND

MINERAL MULCH - 2" LOCAL RIVER ROCK MULCH
 AREA: 12,661 SF.
 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 dioica	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	Arctostaphylos 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

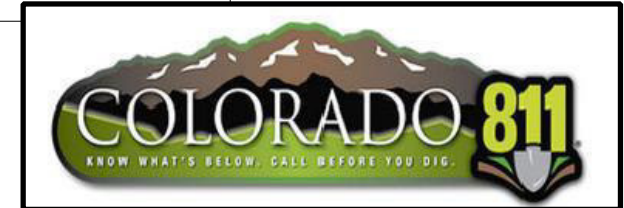
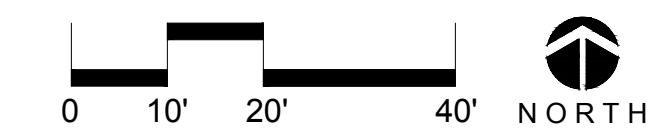
TREES: 28
 TOTAL NO. OF TREES: 29 = 100% TREES
 TOTAL NO. OF EVERGREEN TREES: 11 = 38% EVERGREEN TREES
 SHRUBS AND GRASSES: 313
 TOTAL NO. OF SHRUBS: 267 = 100% SHRUBS

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



LANDSCAPE PLAN



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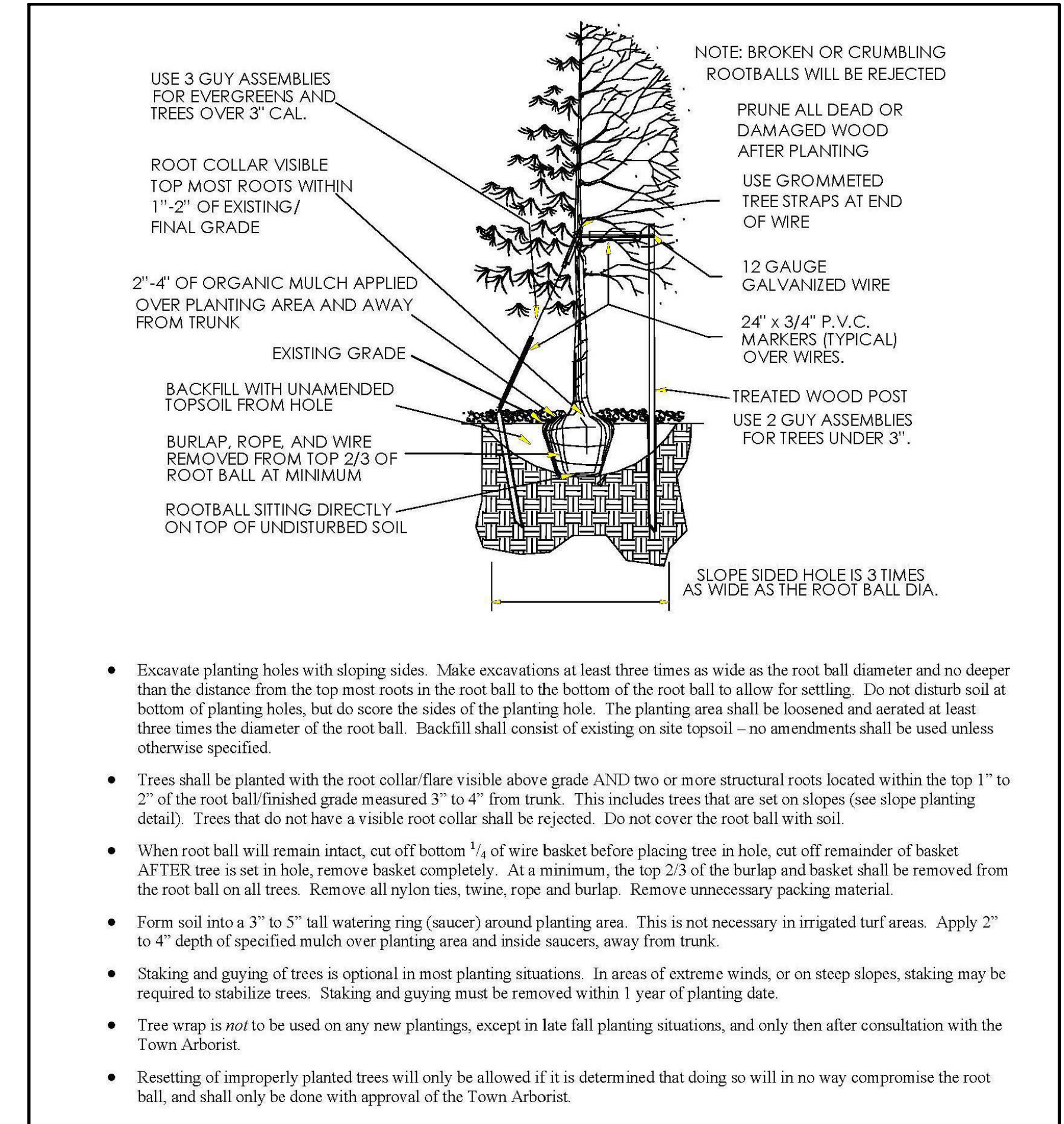
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LINCOLN AVE. AND DRANSFELDT RD.
PARKER, CO
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**LANDSCAPE
DETAILS**

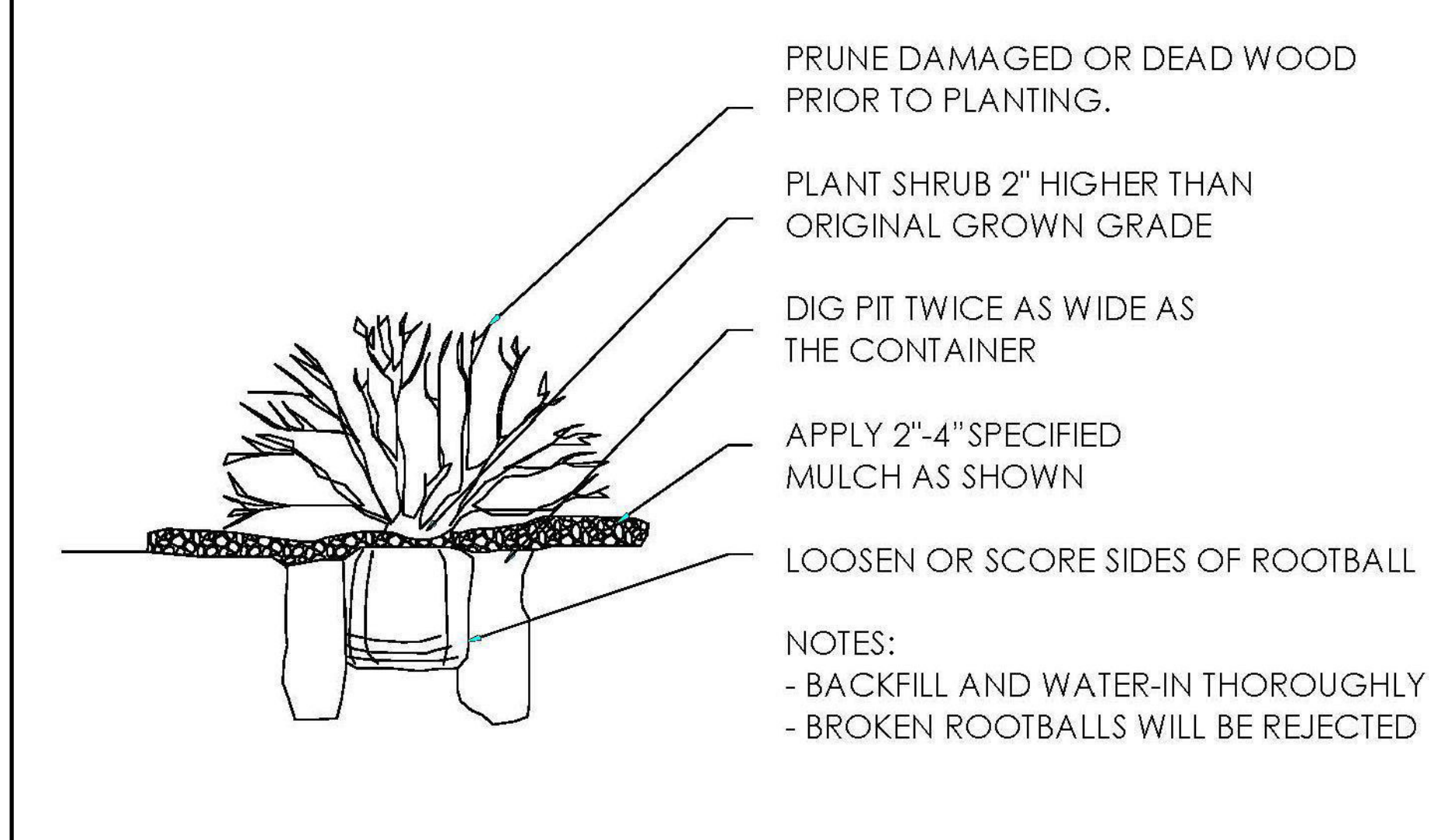
GENERAL PLANTING NOTES

- 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.
- 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.
- 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.
- CONTRACTOR TO STAKE BED LINES IN FIELD FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO COMMENCEMENT OF PLANTING.
- ALL TREES MUST BE STRAIGHT TRUNKED, FULL HEADED, AND MEET ALL REQUIREMENTS SPECIFIED.
- ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
- 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.
- ALL PLANTED AREAS SHALL BE MULCHED WITH 3" LOOSE MEASURE OF APPROVED MULCH.
- CONTRACTOR TO GUARANTEE PLANT MATERIAL THRU WRITTEN WARRENTY TO OWNER FOR A PERIOD OF 12 MONTHS AFTER DATE OF SUBSTANTIAL COMPLETION.
- 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.
- 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.
- 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.
- STAKE LOCATIONS OF ALL PROPOSED TREES FOR APPROVAL BY THE ARCHITECT AND THE OWNER'S REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF PLANTING.
- SEE SPECIFICATIONS FOR PLANTING REQUIREMENTS, SOIL PREPARATION TESTING, MATERIALS, EXECUTION, AND MAINTENANCE.
- SEE DETAILS AND SPECIFICATIONS FOR STAKING METHOD, PLANT PIT DIMENSIONS AND BACKFILL REQUIREMENTS. TREE STAKING SHALL BE REMOVED 1 YEAR POST WARRENTY.
- CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE 48 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULES.
- ALL TREES OF THE SAME SPECIES AND SIZE SHALL HAVE MATCHING HEIGHT AND FORM UNLESS OTHERWISE NOTED ON THE PLANS.
- 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.
- 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.
- 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.
- 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.
- THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST THE LOCATION OF PLANT MATERIAL DURING INSTALLATION AS APPROPRIATE TO THE PROJECT.
- 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.
- AN IRRIGATION PLAN SHALL BE SUBMITTED AND REVIEWED CONCURRENT WITH THE BUILDING PERMIT SUBMITTAL, AND APPROVED PRIOR TO ISSUANCE OF A BUILDING PERMIT.
- LANDSCAPE IMPROVEMENT AND MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER, AND/OR THEIR ASSIGNS



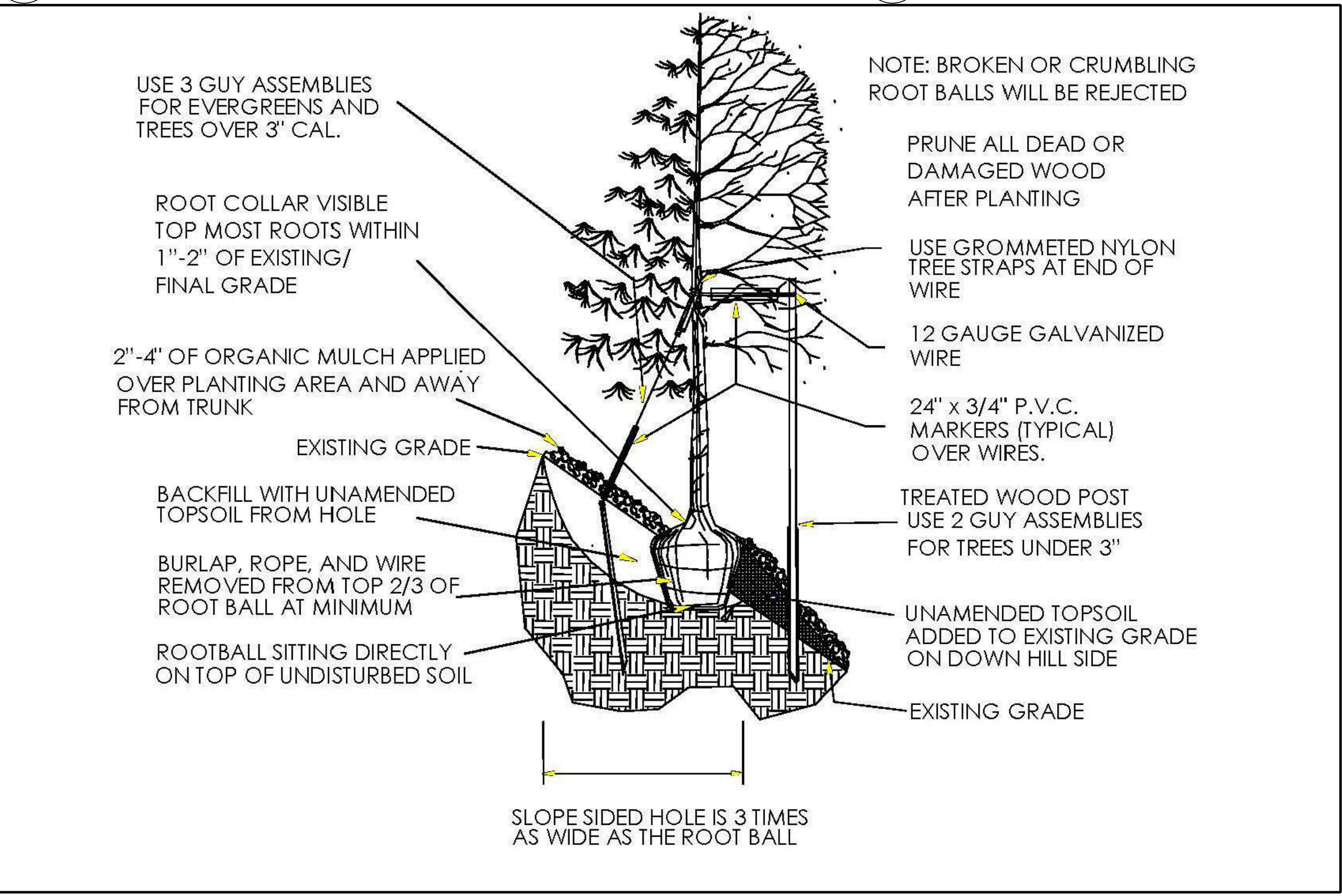
A TOWN OF PARKER TREE PLANTING DETAIL

Scale: NTS



B TOWN OF PARKER SHRUB PLANTING DETAIL

Scale: NTS



C TOWN OF PARKER TREE PLANTING ON SLOPE DETAIL

Scale: NTS



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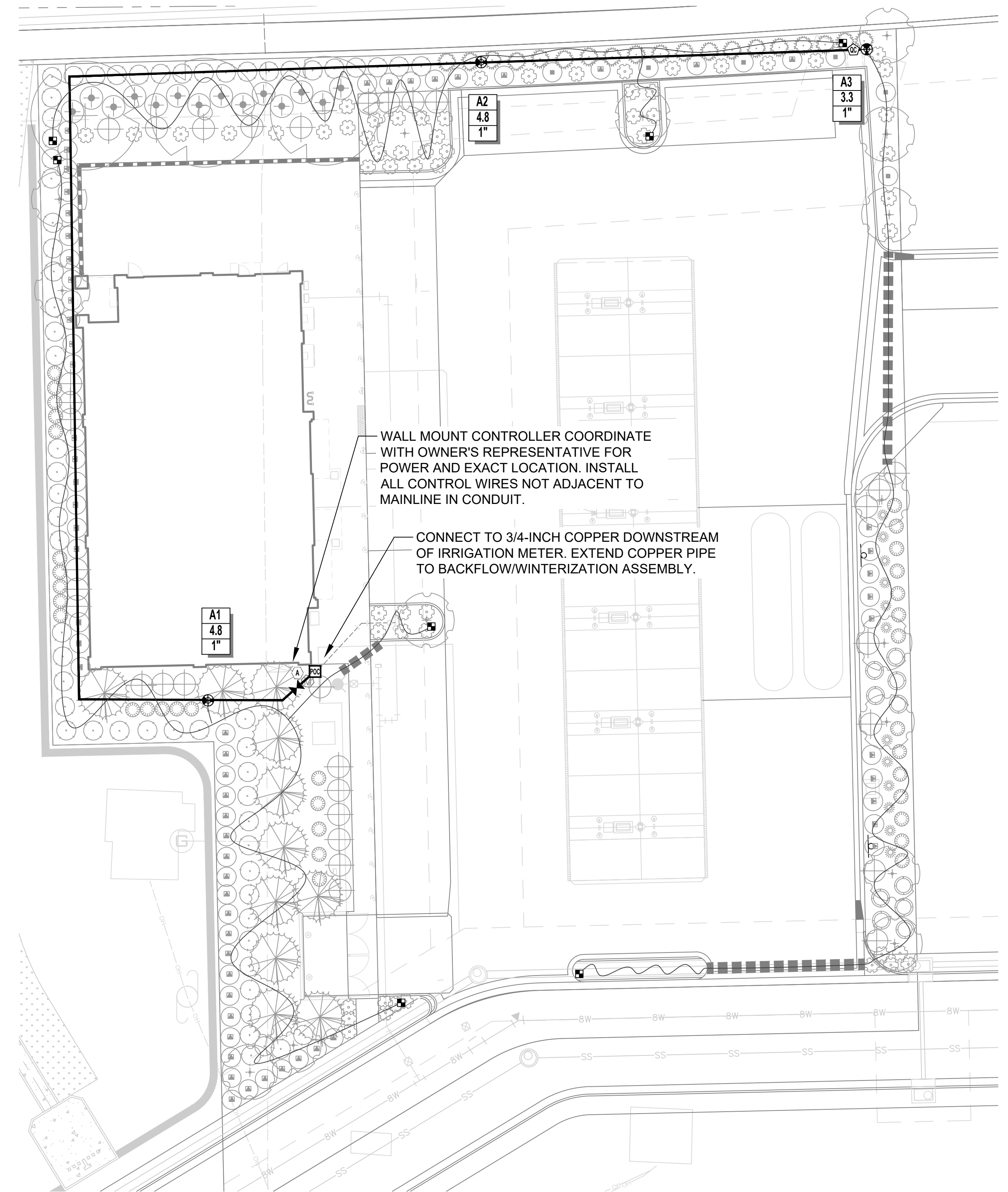
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NOTES

- 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.
- SYSTEM IS DESIGNED FOR A DYNAMIC PRESSURE OF 65 PSI AT 12 GPM. VERIFY DYNAMIC PRESSURE ONSITE BEFORE INSTALLATION OF SYSTEM.
- 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.
- THE ENTIRE INSTALLATION SHALL FULLY COMPLY WITH ALL LOCAL AND STATE LAWS AND ORDINANCES AND WITH ALL THE ESTABLISHED APPLICABLE CODES.
- 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.
- WARRANTY IRRIGATION SYSTEM FOR ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF WORK.
- 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.
- 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.
- MAINLINE PIPE:
 - USE CLASS 200 SDR 21 NSF APPROVED RIGID PVC PIPE.
 - USE SOLVENT WELD PIPE.
 - USE SCHEDULE 40, TYPE 1, PVC SOLVENT WELD FITTINGS. USE PRIMER APPROVED BY THE PIPE MANUFACTURER.
 - MAINLINE PIPE IS 1.5" NOMINAL SIZE UNLESS INDICATED OTHERWISE.
 - CONDUCT A MAINLINE PRESSURE TEST AT AVAILABLE PRESSURE OVER ONE HOUR. ALLOWABLE PRESSURE DROP IS 5 PSI.
 - MAINLINE PIPE TO BE BURIED WITH 24-INCHES OF COVER.
- DRIP TUBING:
 - USE U.V. RESISTANT POLYETHYLENE RATED FOR 60 PSI.
 - USE COMPRESSION FITTINGS PER MANUFACTURER RECOMMENDATION.
 - DRIP TUBING TO BE BURIED WITH 4-INCHES OF COVER.
- COMPACT TRENCHES IN 6-INCH LIFTS TO 90% PROCTOR DENSITY. PUDDLING OF TRENCHES IS NOT ALLOWED.
- PROVIDE TWO (2) OPERATING KEYS FOR EACH TYPE OF MANUALLY OPERATED VALVE.
- 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 ADOBE (PDF) FORMAT.
- CLEAN UP ALL DEBRIS RELATED TO THE JOB, AND LEAVE THE SITE IN A CLEAN TIDY CONDITION.
- TEST AND DEMONSTRATE TO THE OWNER'S REPRESENTATIVE THE SATISFACTORY OPERATION OF THE SYSTEM.

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
	POINT OF CONNECTION
	BACKFLOW PREVENTION/ WINTERIZATION ASSEMBLY
	QUICK COUPLER ASSEMBLY
	DRIP REMOTE CONTROL VALVE: RAIN BIRD XCZ-100-PRB-LC
	DRIP FLUSH CAP
	IRRIGATION CONTROLLER: RAIN BIRD ESP-LXD-IQ4



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.



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PARKER, CO
SITE PLAN

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1331 17TH STREET • SUITE 605
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PHONE: (720) 458-4700
WEBSITE: www.edci-engineers.com
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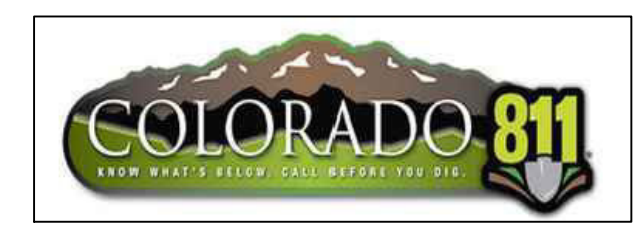
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0 20' 40'
1" = 20'



IRRIGATION
PLAN

14 OF 26

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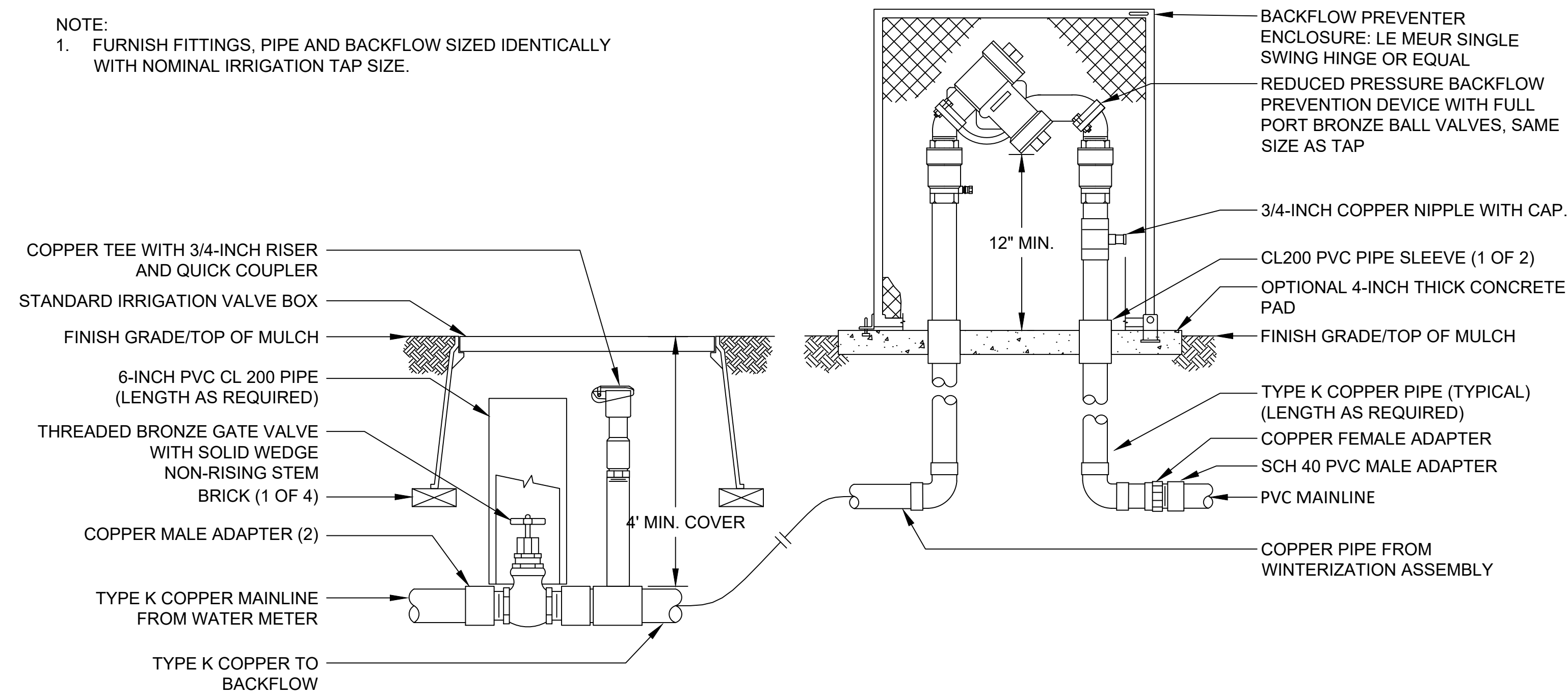
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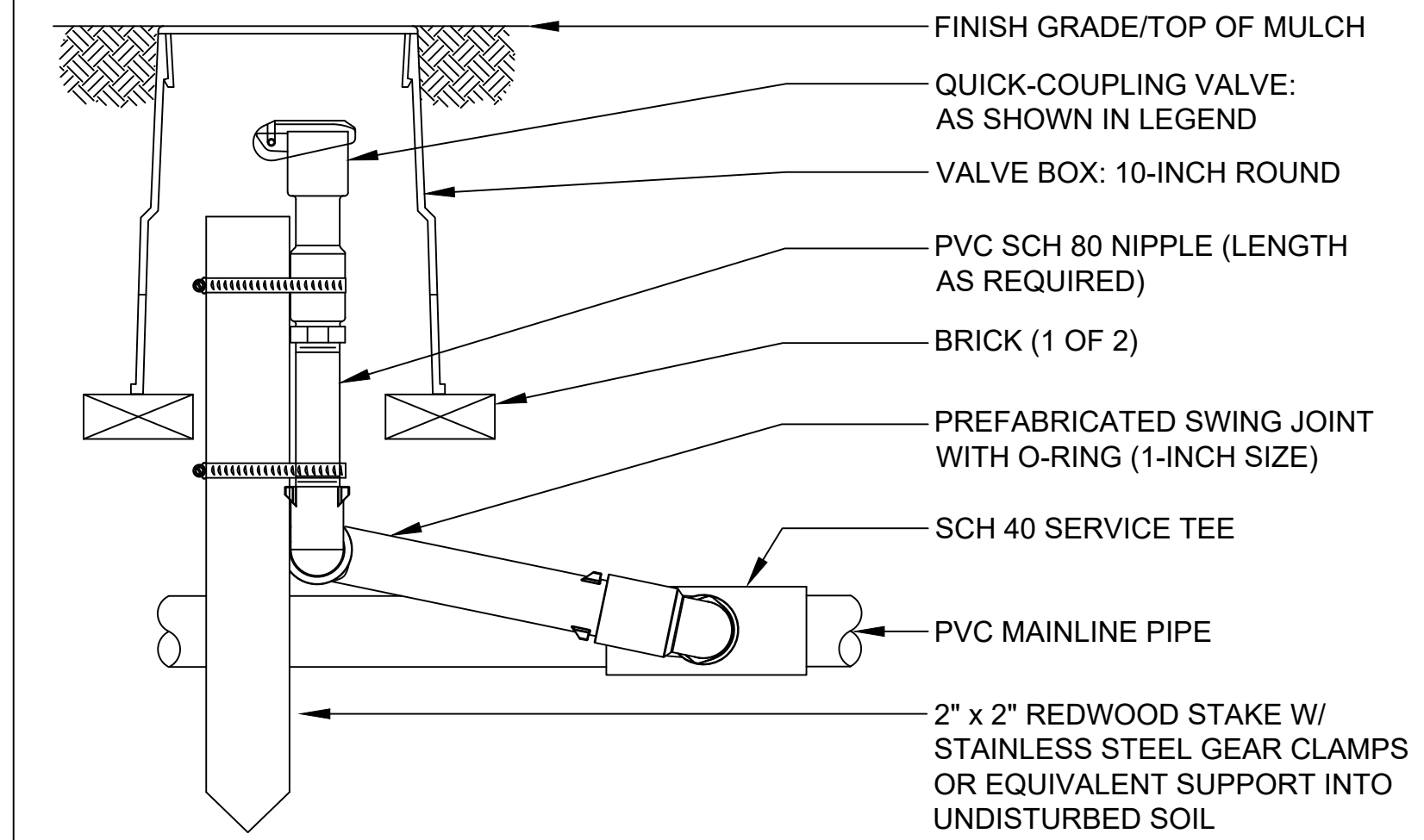
IRRIGATION
DETAILS

15 OF 26

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

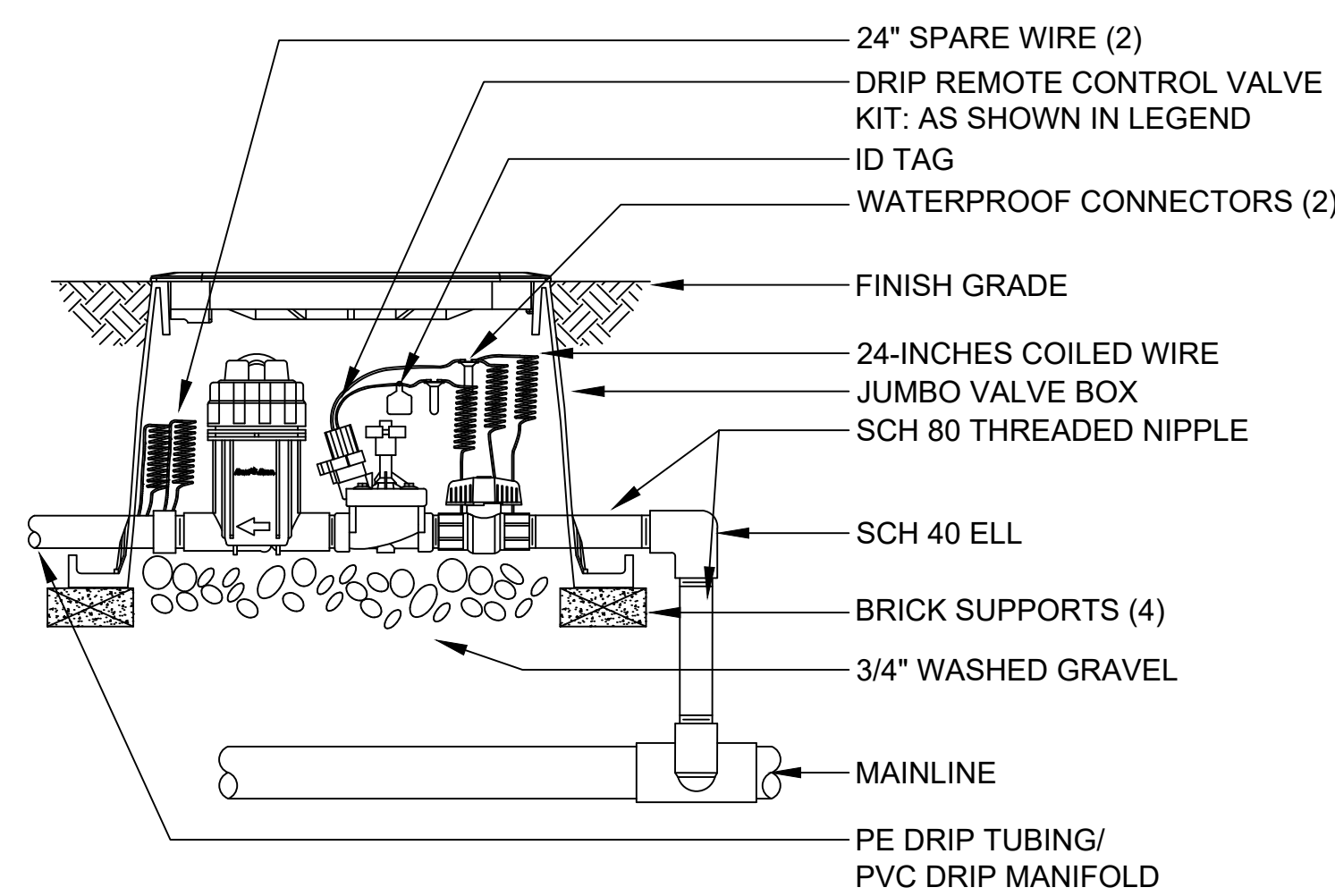


1 BACKFLOW PREVENTION ASSEMBLY

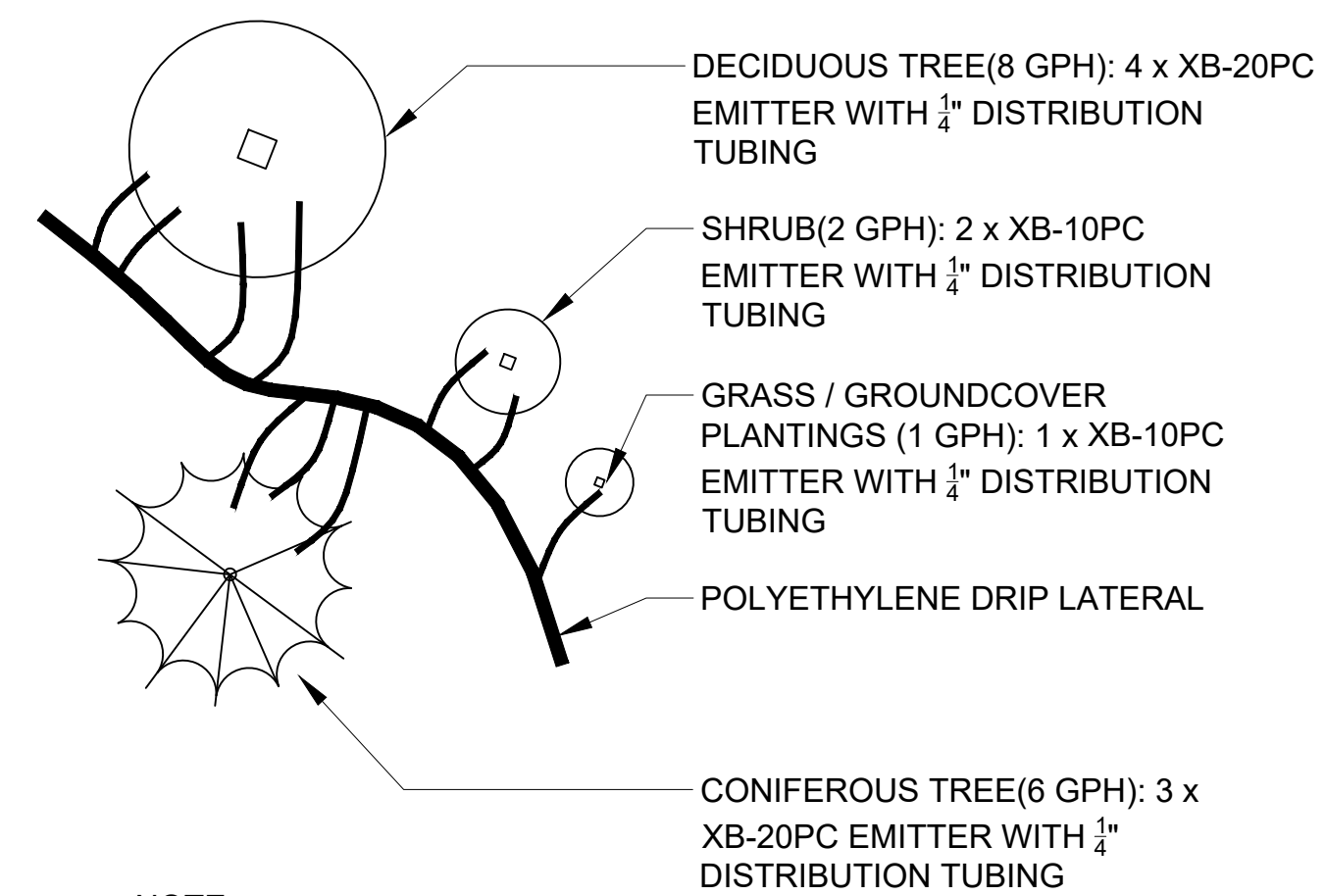


NOTE:
1. FURNISH FITTINGS AND PIPING NOMINALLY SIZED IDENTICAL TO NOMINAL QUICK COUPLING VALVE INLET SIZE.

2 QUICK COUPLING VALVE ASSEMBLY

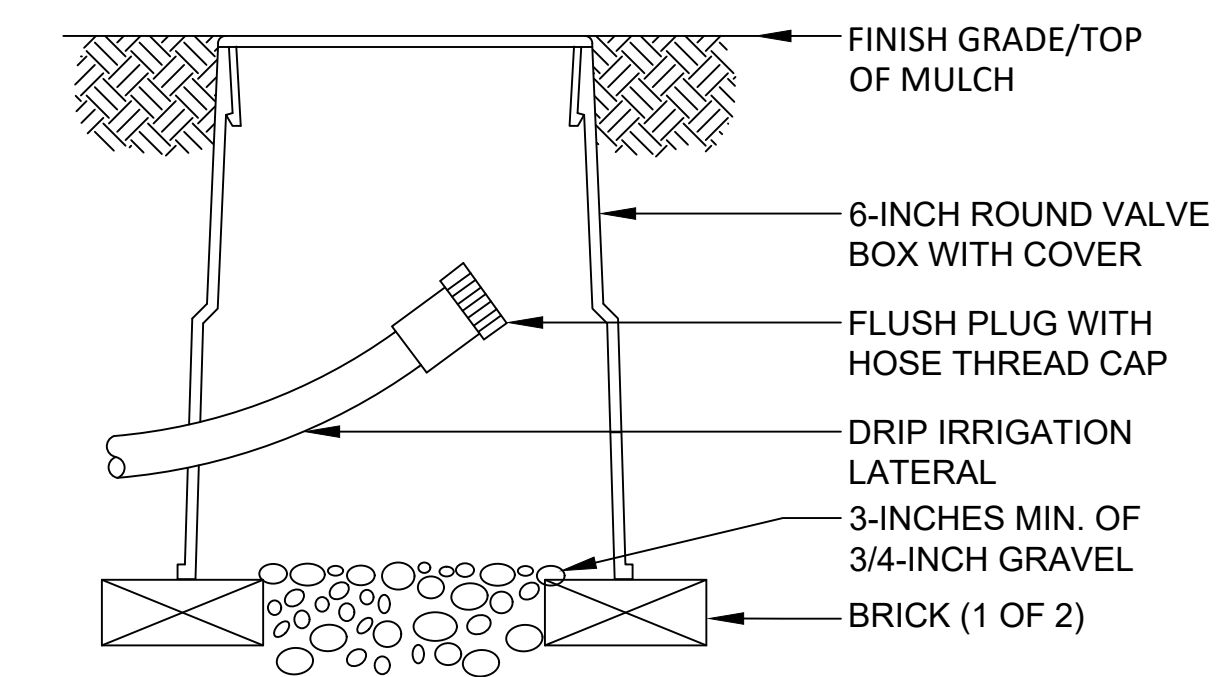


3 DRIP REMOTE CONTROL VALVE ASSEMBLY

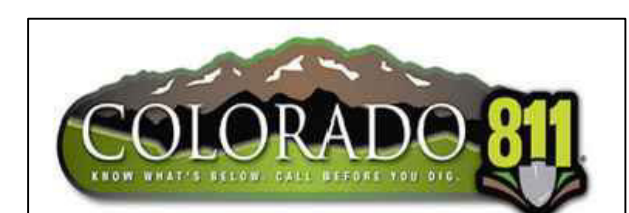


NOTE:
1. MAXIMUM LENGTH OF 1/4\"/>

4 TYPICAL EMITTER PLACEMENT & SCHEDULE

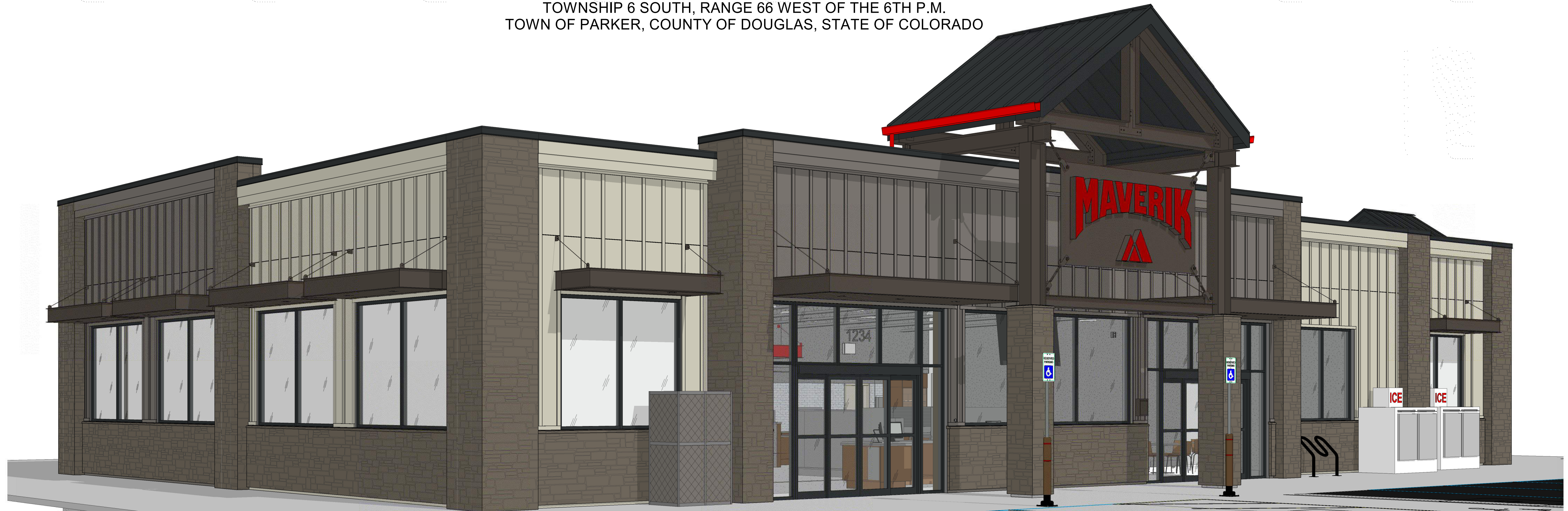


5 DRIP FLUSH CAP ASSEMBLY



**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:

PROJECT NUMBER

21-122-0001

ISSUE DATE:

March 10, 2022

REVISIONS:

No. Date Description

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185 S. State Street
Salt Lake City, Utah 84111

**MAVERIK INC. STORE
PARKER, COLORADO**

EDCI
ENGINEERS
1331 17TH STREET SUITE 605
DENVER, COLORADO 80202
PHONE: (720) 439-4700
WEBSITE: www.edci-engineers.com
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**PERSPECTIVE
VIEWS**

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

SITUATED IN THE NORTHWEST CORNER 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, BRITISH RED, C-2
- 05.03 STEEL, PAINTED, SHERWIN WILLIAMS SW 7020 - BLACK FOX
- 05.06 MCCI 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

PROJECT NUMBER

21-122-0001

ISSUE DATE:

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No. Date Description

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EXTERIOR ELEVATIONS



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



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

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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

PROJECT NUMBER

21-122-0001

ISSUE DATE:

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No.	Date	Description

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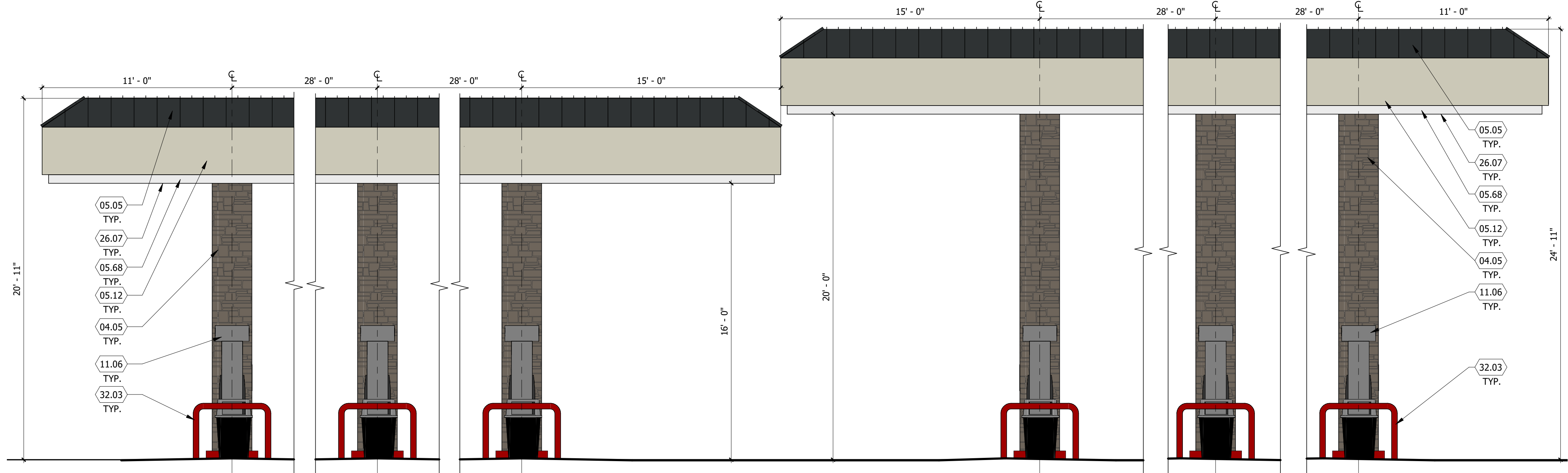
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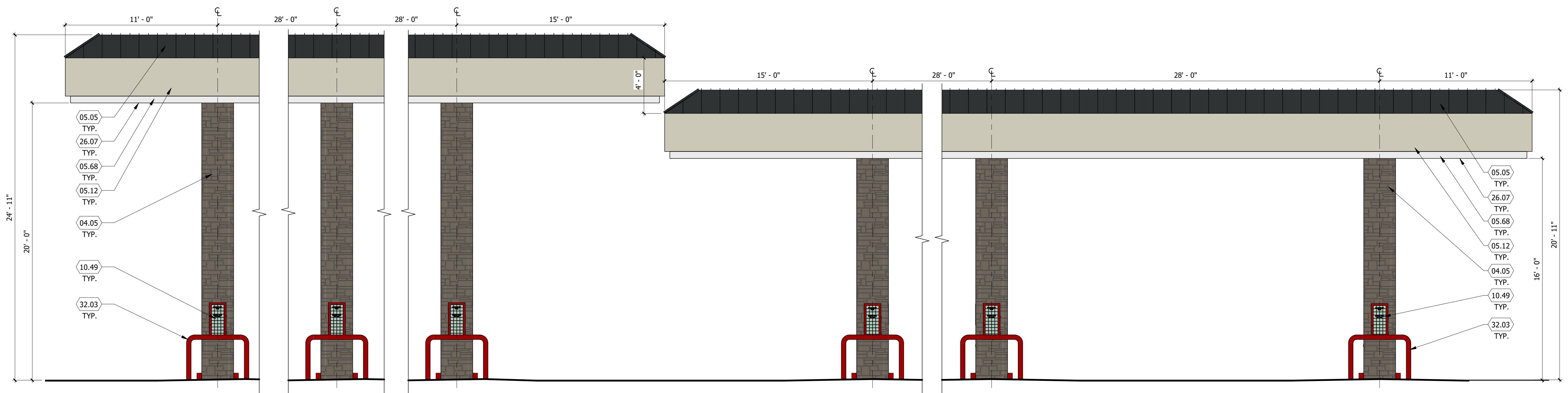
MAVERIK INC. STORE
PARKER, COLORADO



CANOPY ELEVATIONS



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.

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

PROJECT NUMBER

21-122-0001

ISSUE DATE:

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No.	Date	Description

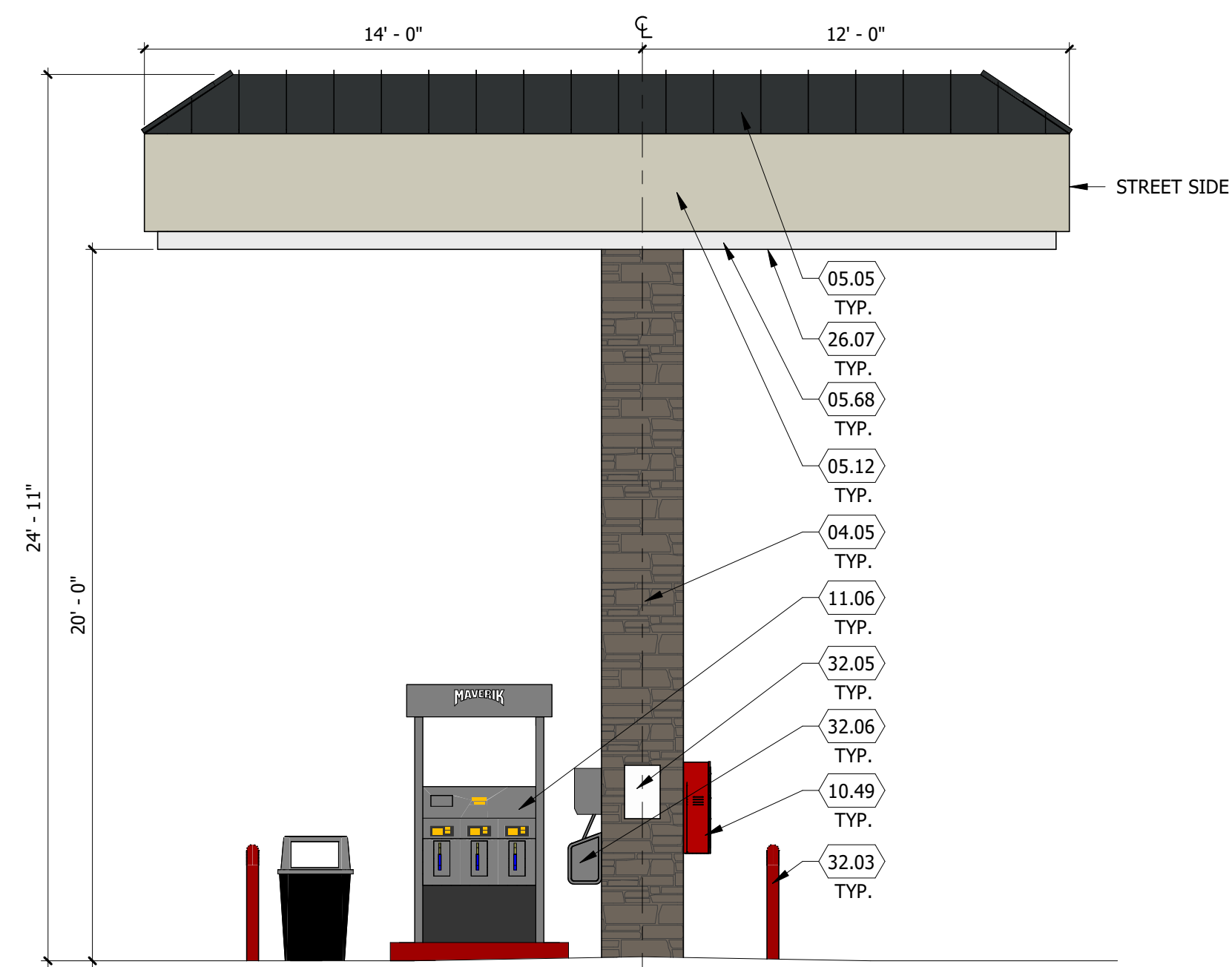
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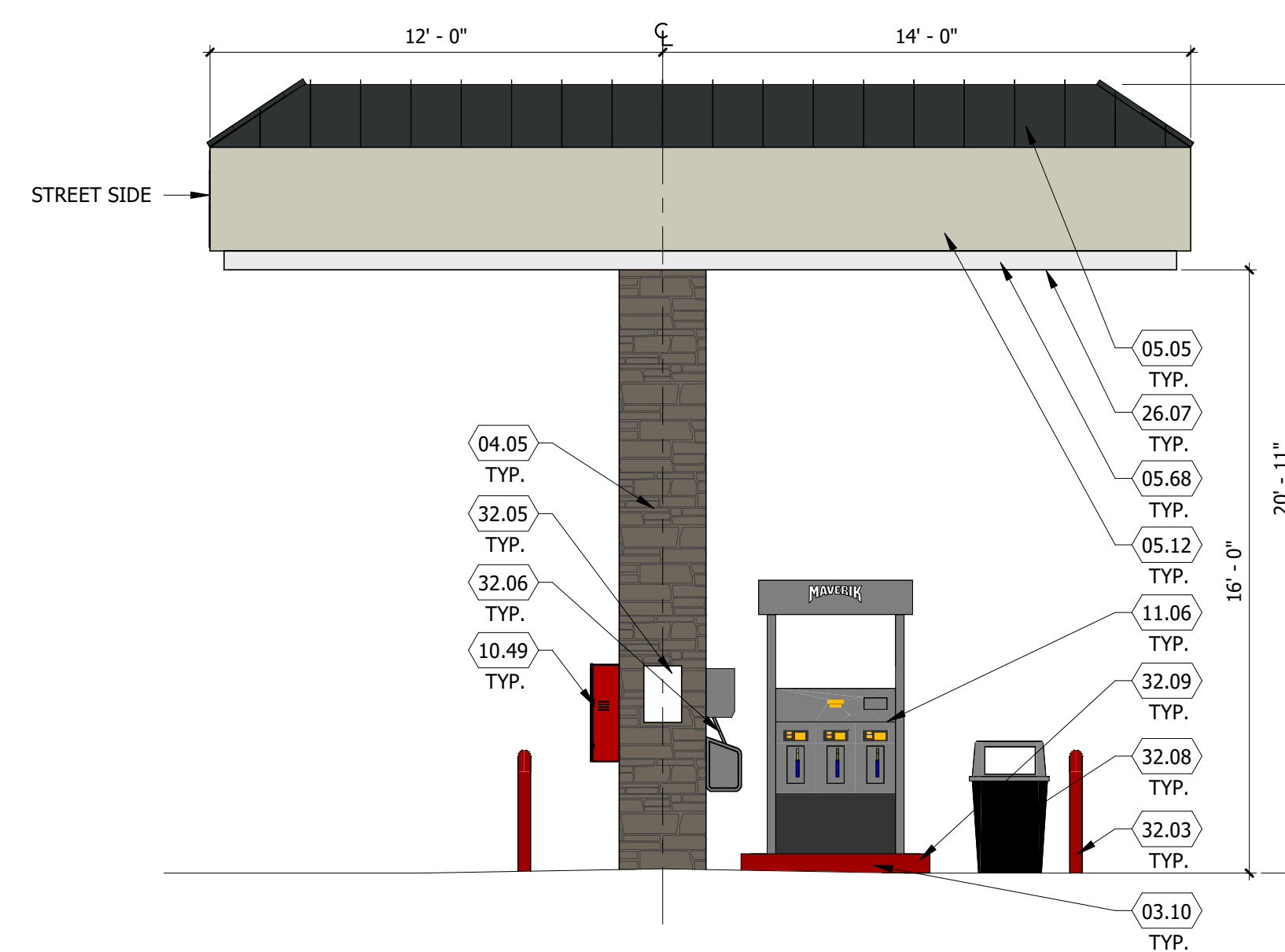


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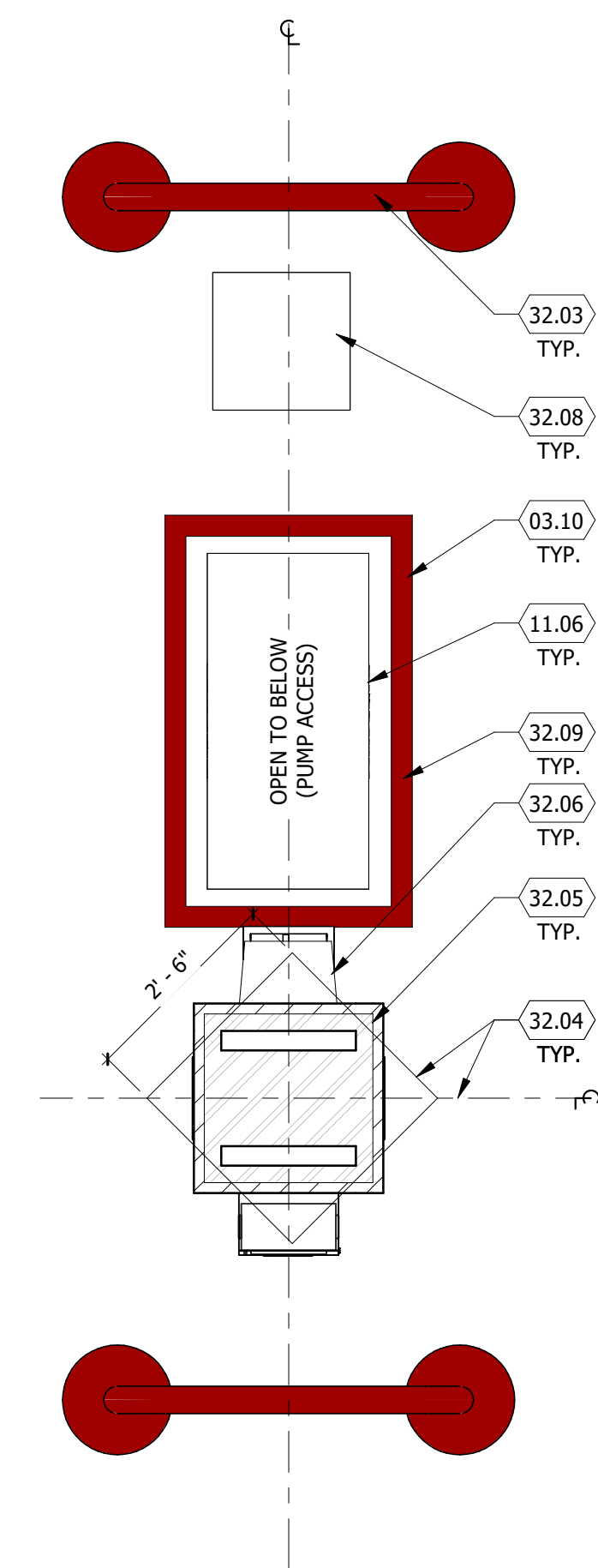
MAVERIK INC. STORE
PARKER, COLORADO



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



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



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

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CANOPY ELEVATIONS

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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

- 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

PROJECT NUMBER

21-122-0001

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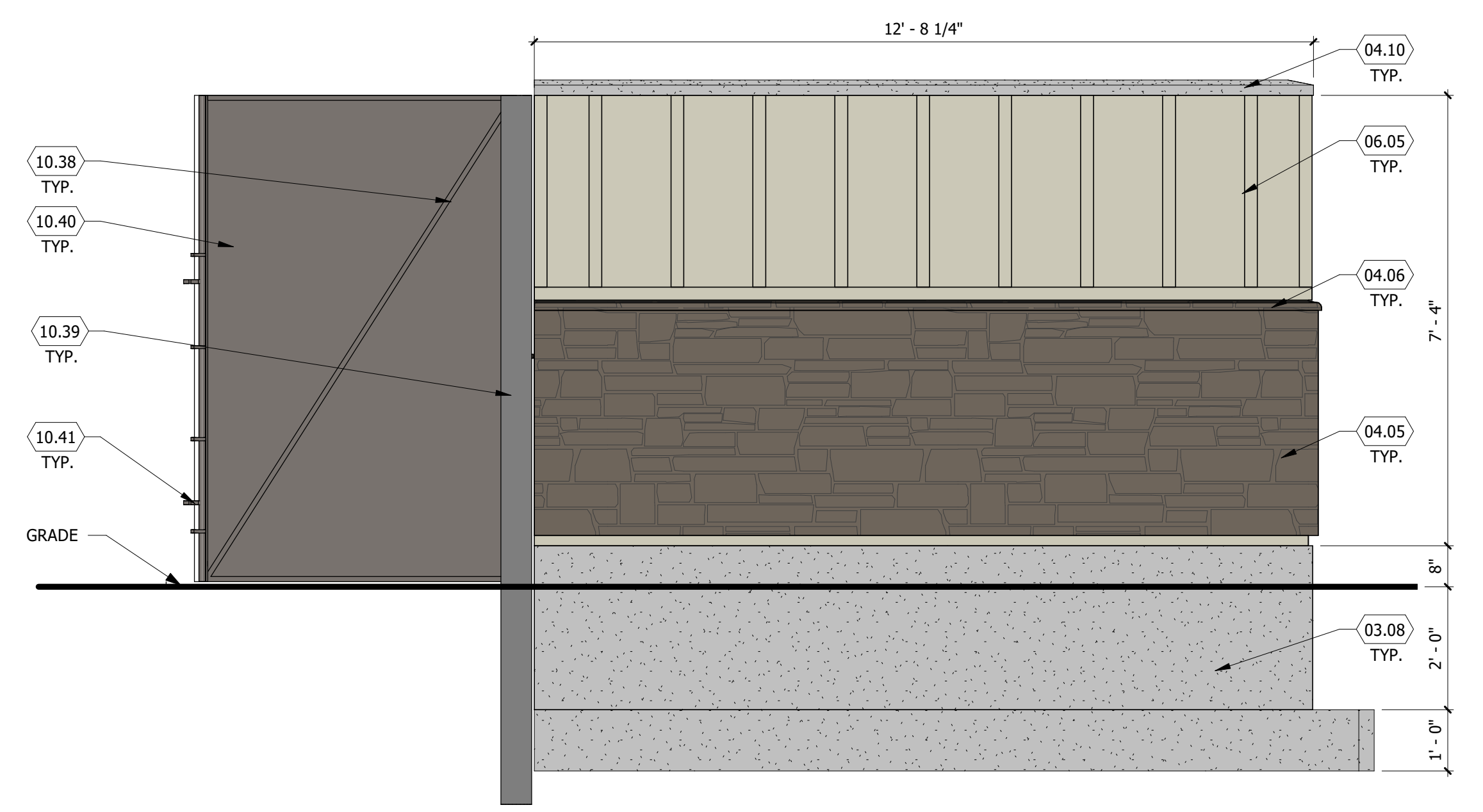
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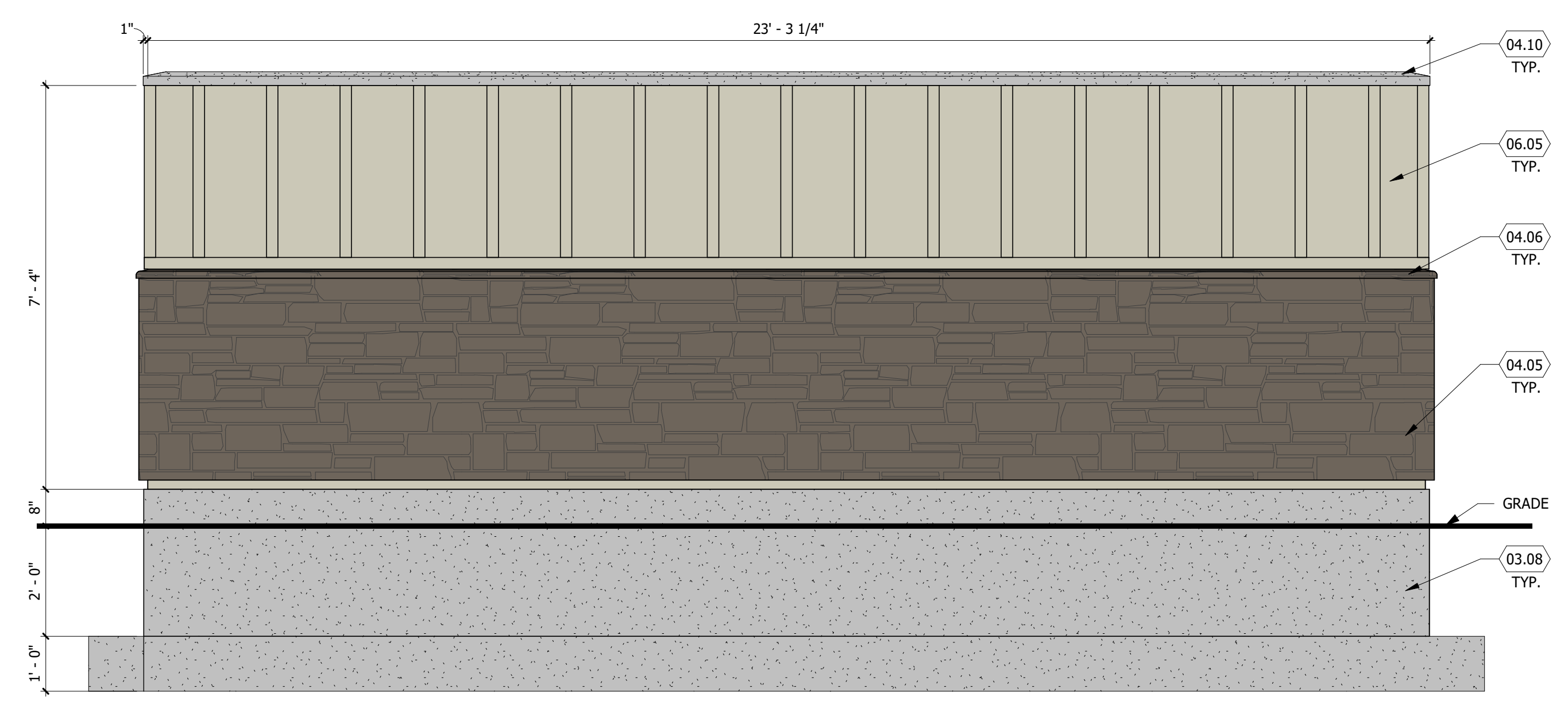
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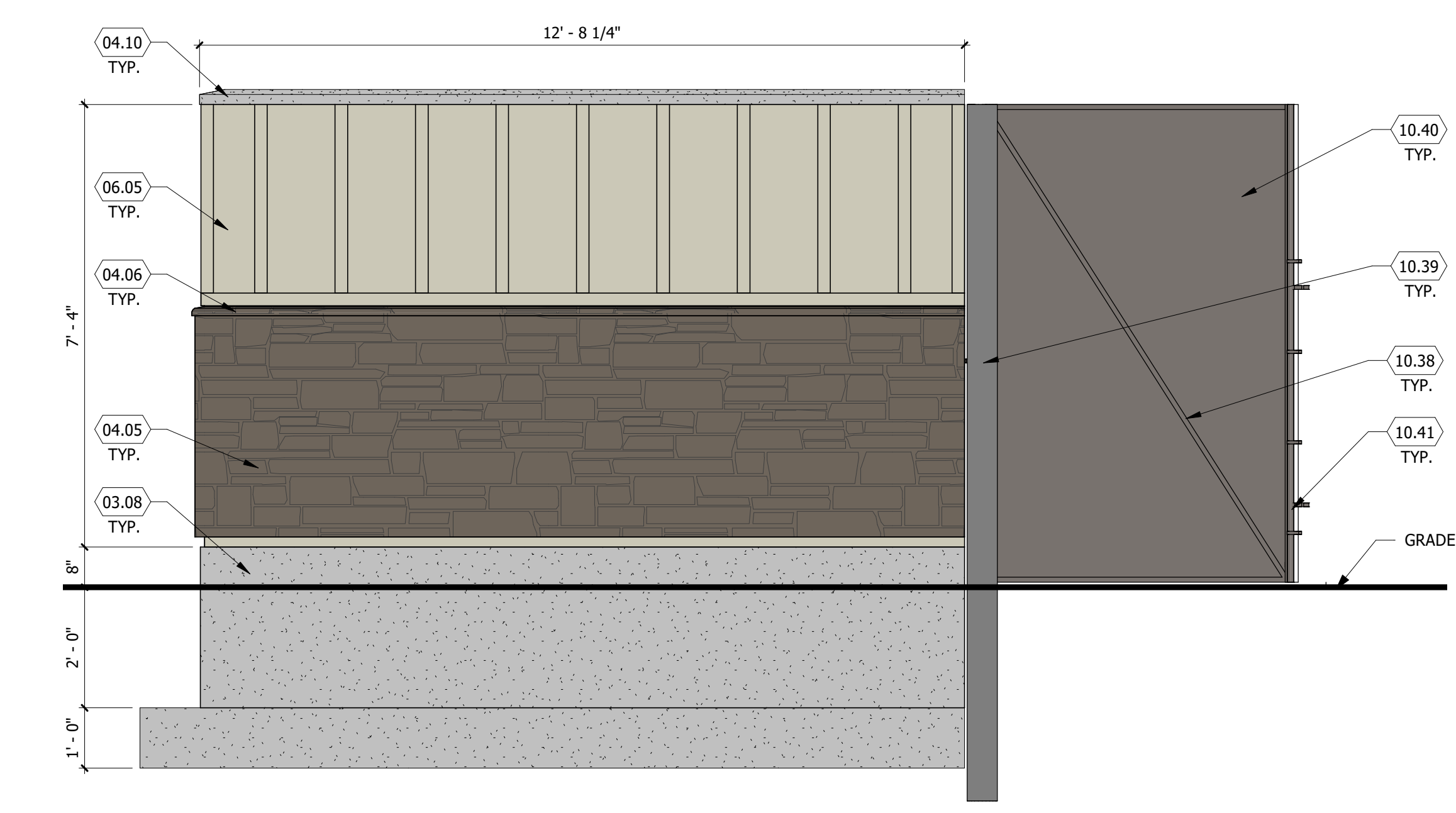
TRASH ENCLOSURE ELEVATIONS



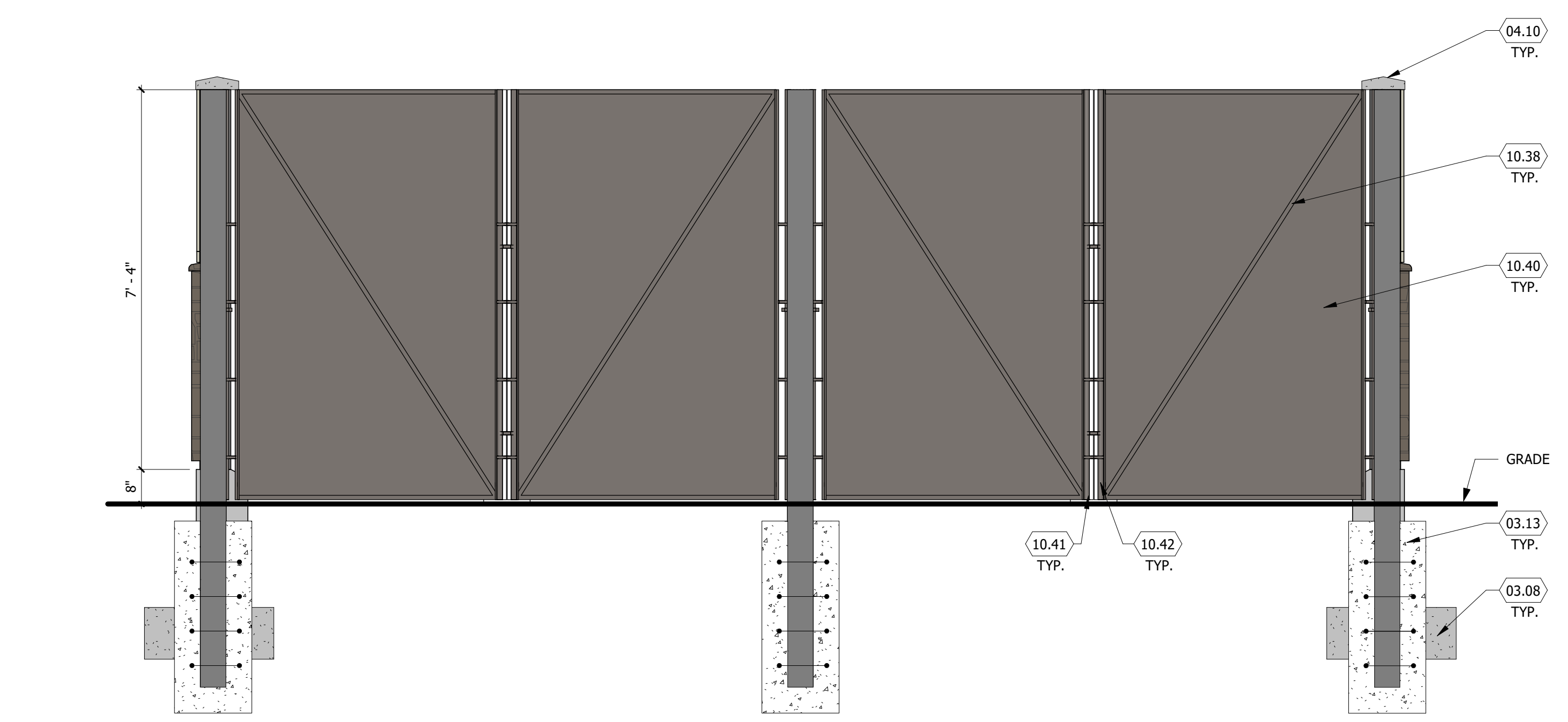
4 TRASH ENCLOSURE - LEFT ELEVATION
SCALE: 1/2" = 1'-0"



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



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



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

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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

PROJECT NUMBER

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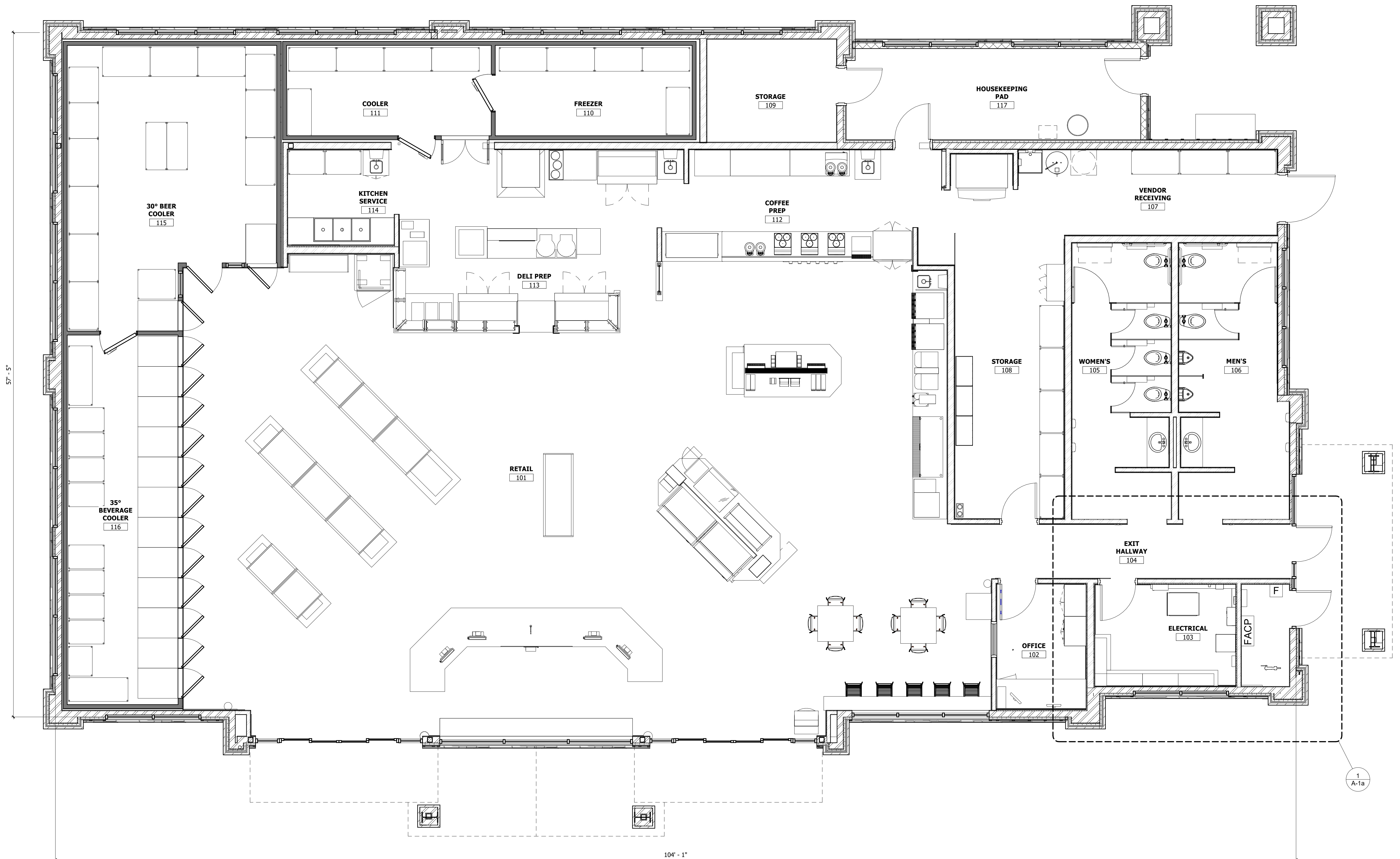
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Salt Lake City, Utah 84111

MAVERIK INC. STORE
PARKER, COLORADO

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FLOOR PLAN



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

D:\Lincoln\Professional Park\Filing No. 1 Lot 1\MAVERIK INC. STORE SITE PLAN.dwg

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

PROJECT NUMBER

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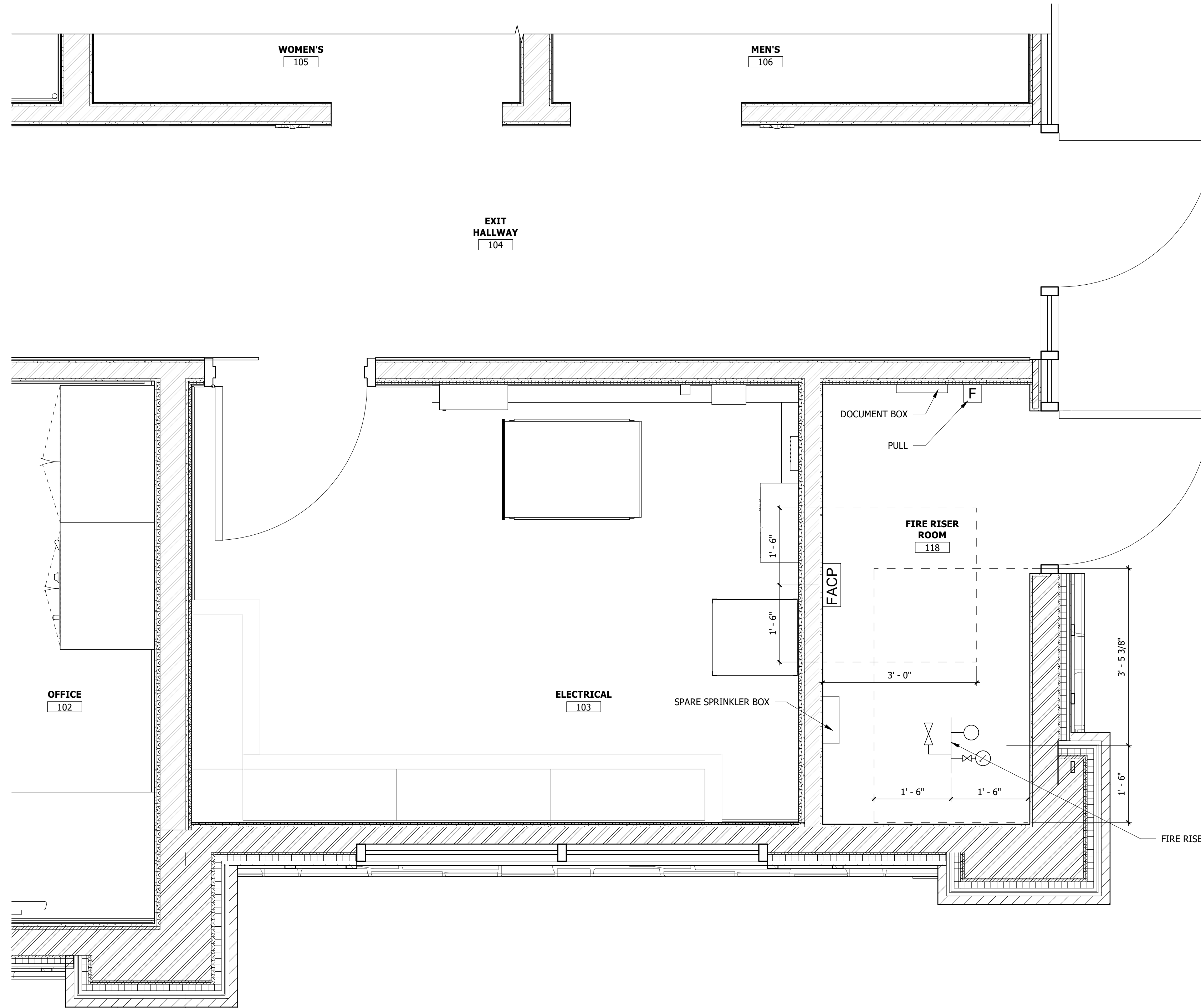
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MAVERIK INC. STORE
PARKER, COLORADO



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

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**ENLARGED
FIRE RISER
ROOM**

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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

PROJECT NUMBER

21-122-0001

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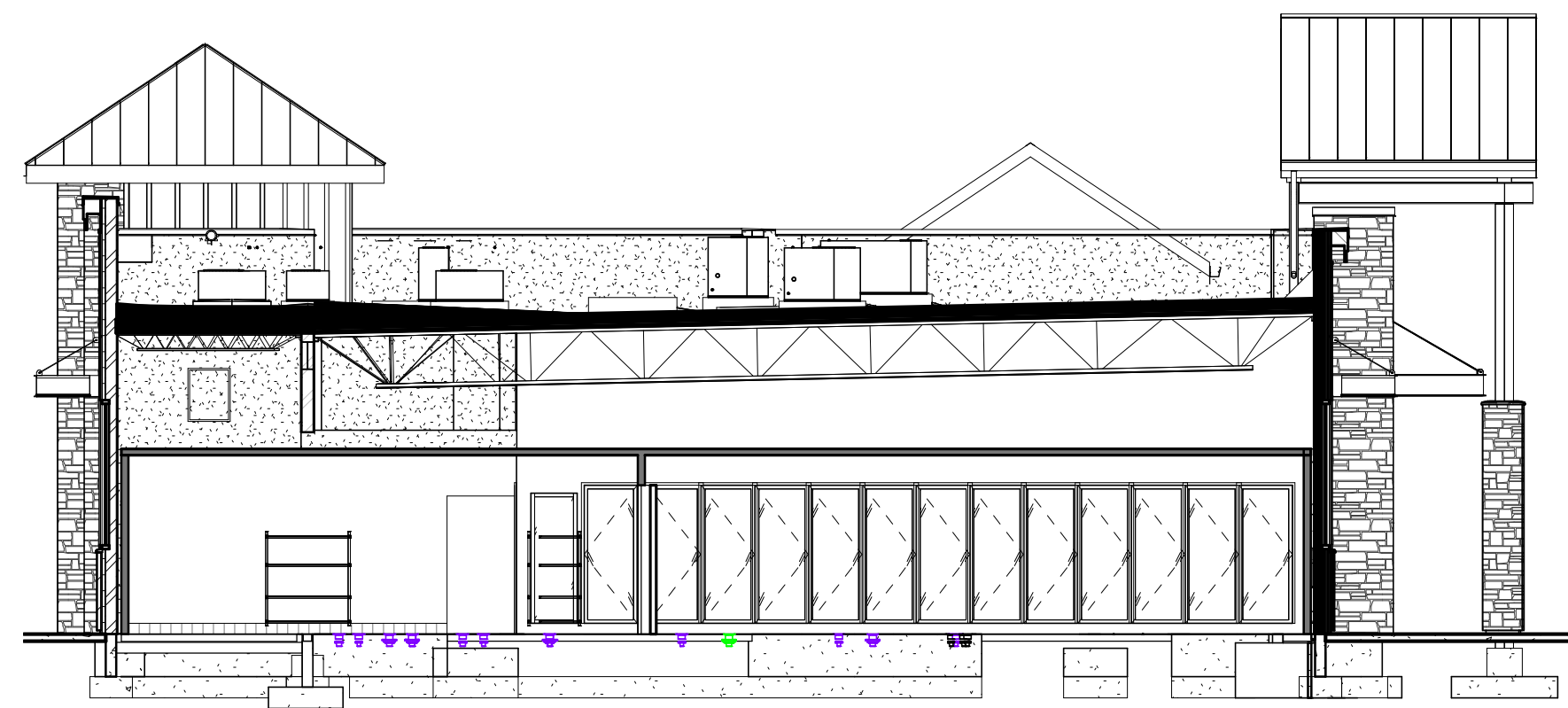
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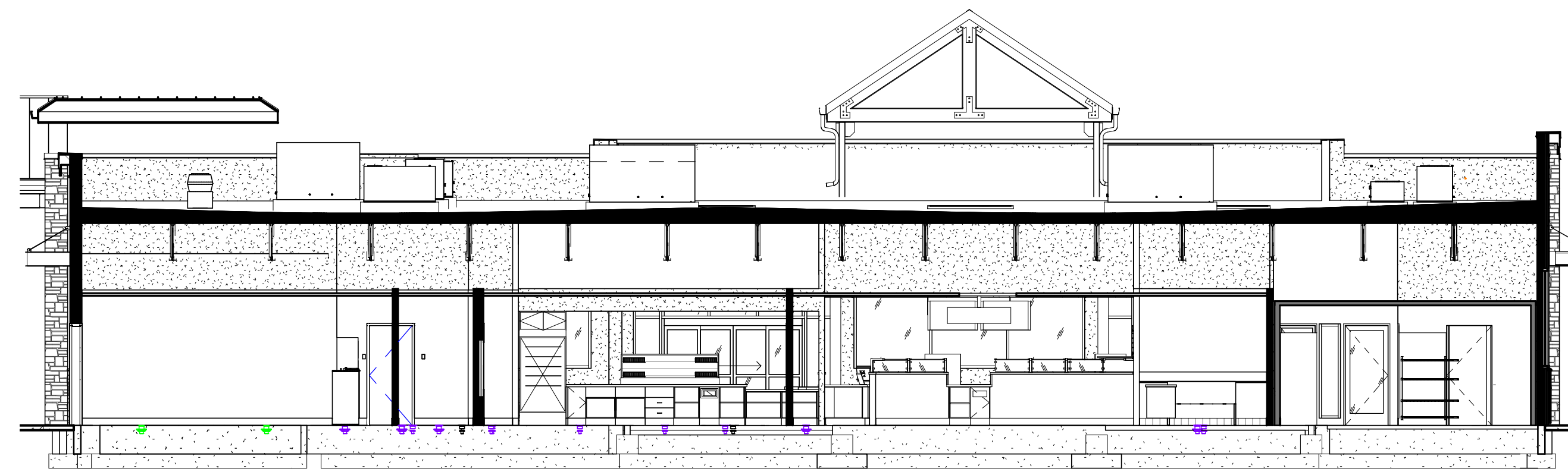


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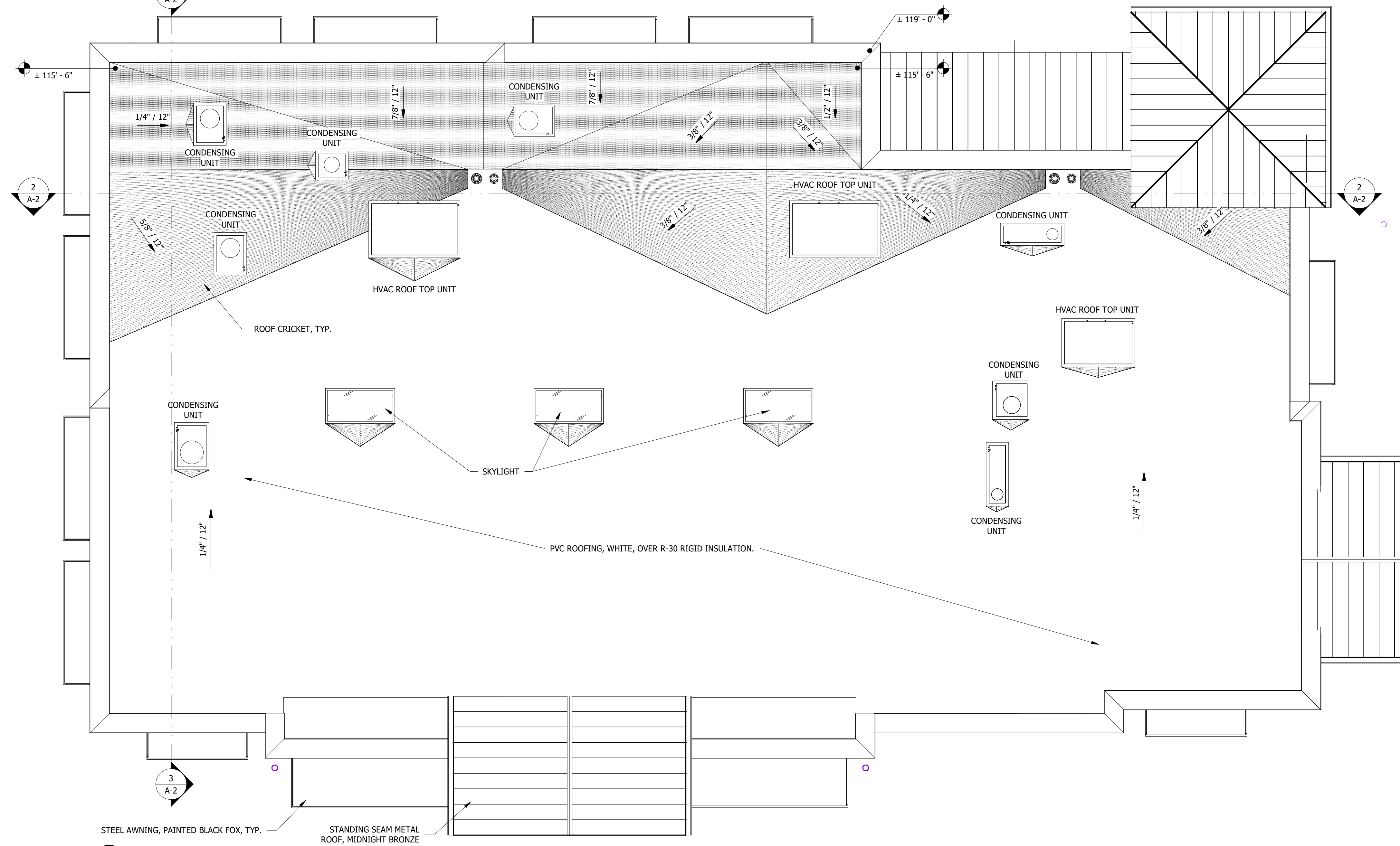
MAVERIK INC. STORE
PARKER, COLORADO



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



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



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

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ROOF PLAN

**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

PROJECT NUMBER

21-122-0001

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MAVERIK INC. STORE
PARKER, COLORADO



BB-1 Fiberboard -
Worldly Gray

BB-2 Fiberboard -
Gauntlet Gray



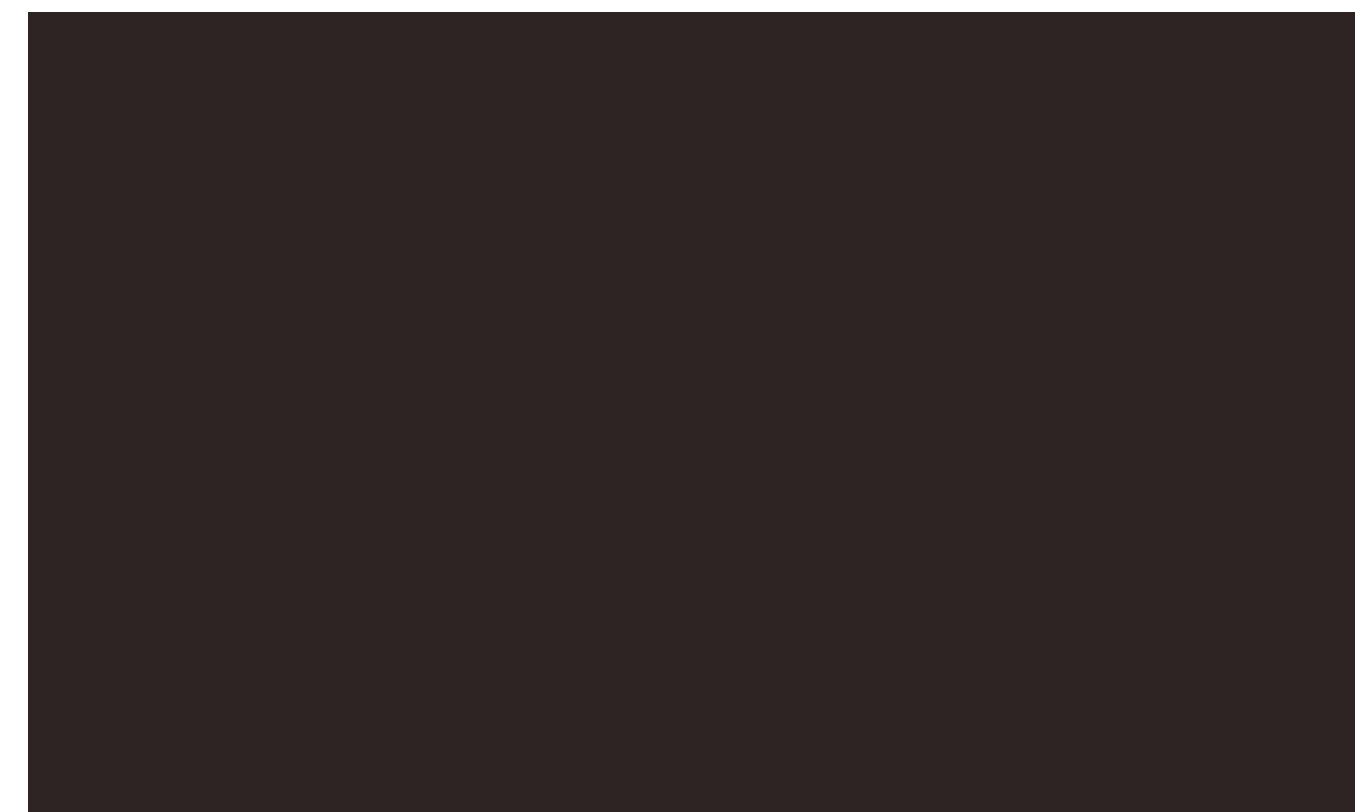
Natural Stone - to match, Skyline, Country LedgeStone



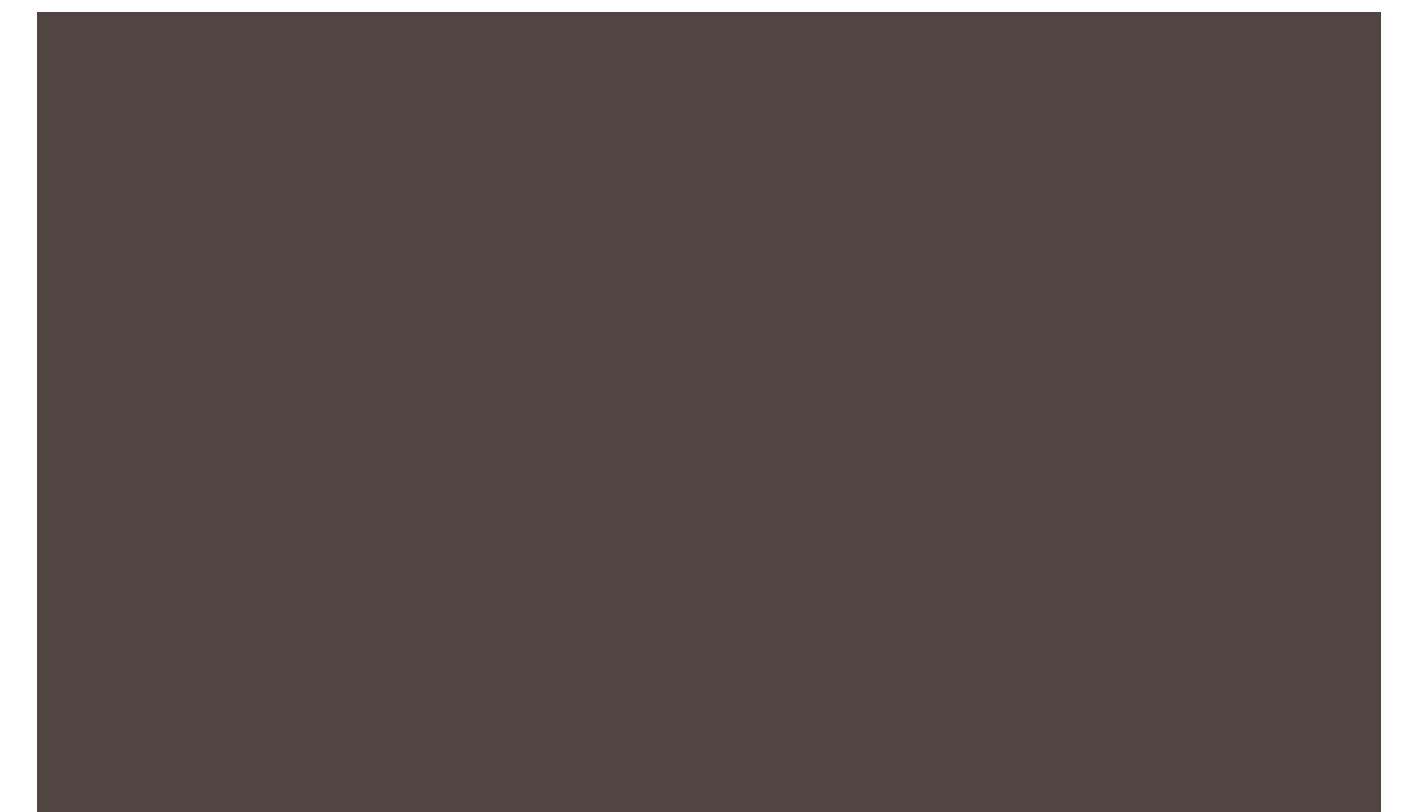
C-1 MCI Midnight Bronze



C-2 MCI Brite Red



Anodized - Dark Bronze



Paint - Black Fox

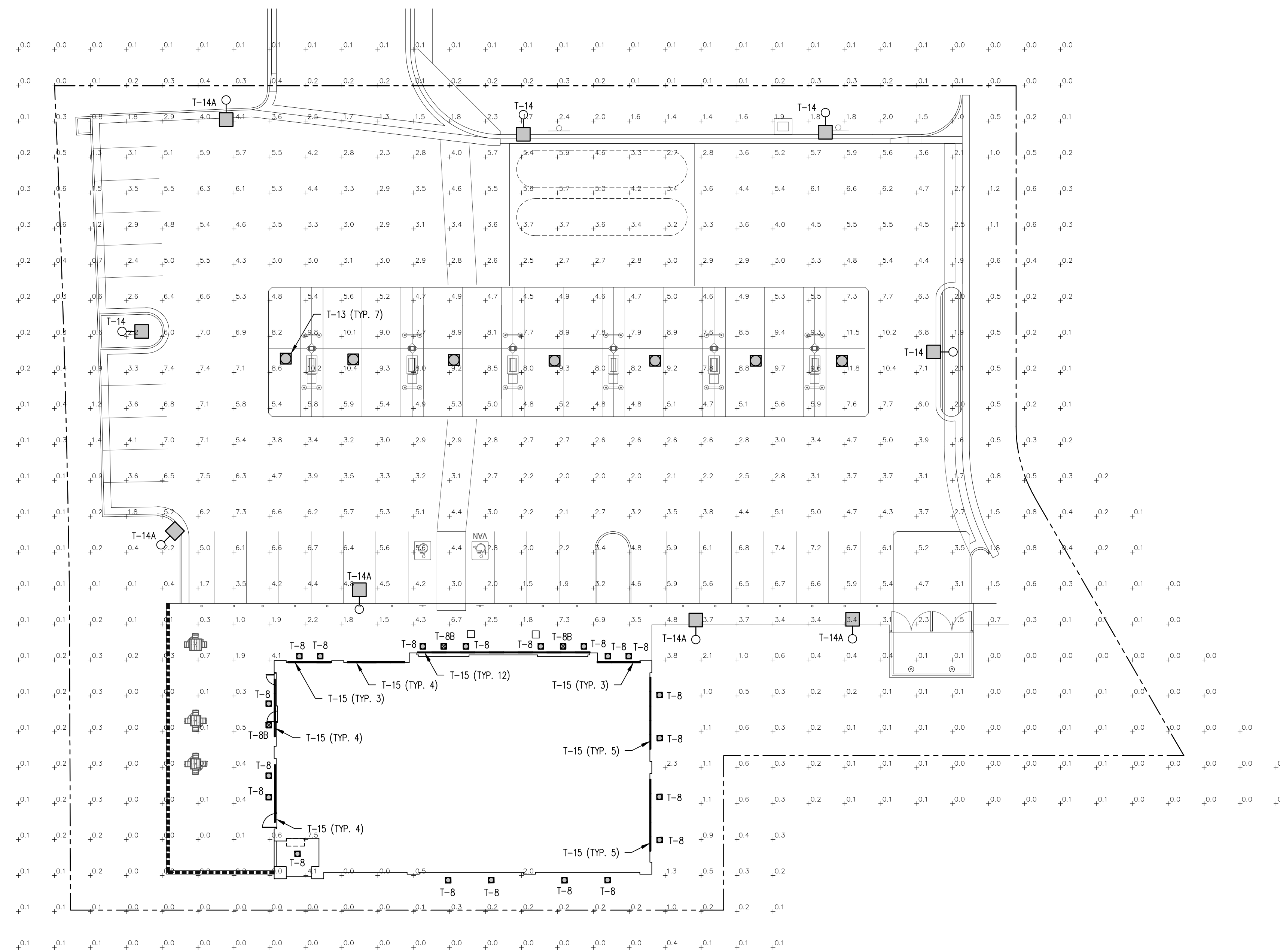
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**EXTERIOR
MATERIALS
BOARD**

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LINCOLN PROFESSIONAL PARK FILING NO. 1 LOT 1 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



1 SITE PHOTOMETRIC PLAN
E-1.2 SCALE: 1"=20'-0"

MASTER LUMINAIRE SCHEDULE									
TYPE	MANUFACTURER	CATALOG NUMBER	VOLTS	MOUNTING	LAMPS	BALLAST	WATTS	IMAGE	
DESCRPT: 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	
DESCRPT: 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		
DESCRPT: 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	
DESCRPT: 4FT LED STRIP LUMINAIRE, FULLY RECESSED IN EXTERIOR COVE, WHITE, COLD WEATHER (0F), 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



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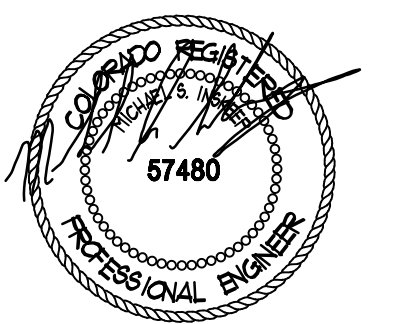
ARCHITECT:

ENGINEER:

NEI
Nelson Engineering, Inc.
Consulting Engineers
156 North Twelfth Avenue
Provo, Utah 84601
Ph (208) 232-2577 FAX
(208) 234-0918

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STAMP:



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

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

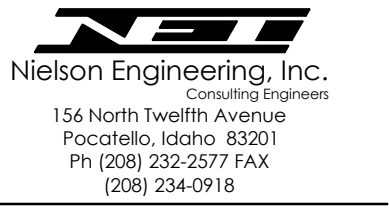


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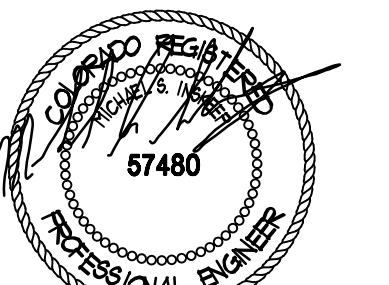
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LINCOLN AVENUE AND
DRANSFELDT ROAD
PARKER, CO

Scottsdale Vertex SCV Petroleum

Typical Order Example: **SCV LED 13L SC UNV DIM 50 WHT IMSB2T**

Prepared By: _____ Date: _____

Project: T13

Ordering Guide: [Back to Quick Links](#)

Family / Size	LED	Lumen Package	Distribution	Voltage	Driver	Color Temperature	Finish	Blank - ICSE	Controls
SCV Premium Canopy Luminaire	LED	13L - 13000 Lumens 15L - 15000 Lumens 20L - 20000 Lumens 23L - 23000 Lumens	SC - Standard Symmetric	UNV - 0 to 15V (dimming) HW - 347-480V	UNV - 0 to 15V (dimming) HW - 347-480V	48 - 4000K 50 - 3000K	WHT - White BLK - Black BRZ - Bronze	Blank - ICSE	ALSC - AxiLink Sympage Wireless Control System with Sensor ALSC21 - AxiLink Blue Wireless Motion & Photo Sensor Controller (30-47 mounting height) ALSC22 - AxiLink Blue Wireless Motion & Photo Sensor Controller (25-47 mounting height) IMSB2T - Integral Bluetooth™ Motion and Photo Sensor (25-47 mounting height) IMSB21 - Integral Bluetooth™ Motion and Photo Sensor (30-47 mounting height) IMSB22 - Integral Bluetooth™ Motion and Photo Sensor (25-47 mounting height)

Accessory Ordering Information

Description	Order Number	Description	Order Number
Recessed Panel Kit - IC/ ECTA/ ISF to SCV for 1" Deck Panel with larger opening*	87423	2" x 3" x 3" Ready Plate Kit (with 4" Center Hole)	64159WHT
Recessed Panel Kit - IC/ ECTA/ ISF to SCV for 1" Deck Panel	87611	Juniper Box	89741
Recessed Panel Kit - IC/ ECTA/ ISF to SCV for 1" Deck Panel	87628	1/2" Hex Plug and Washer (single) for 1/2" threads	123240
Recessed Panel Kit - UNV (Universal 0-15V)	87427	Recessing Top Plate (to include top plate and sealant)	43293WHT
Recessed 2x2 Cover Panel (see table)	30782	Surface Mount Box	87433
Recessed 4x4 Cover Panel (see table)	30420	Panel Kit - CR/US/CS to SCV	89742
1" x 1" x 1" Deck Panel Kit (with 4" Center Hole)	80719WHT		

FOOTNOTES:
1 - Consult factory for use with AxiLink Sympage Wireless Control System.
2 - IMSB2T is field configurable via the LSI app that can be downloaded from your smartphone's native app store.
3 - Listed for 9" to 12" opening.
4 - Listed for 9" opening.
5 - Not available in HV.

Performance: [Back to Quick Links](#)

PERFORMANCE

DELIVERED LUMENS

Beam Spread	3000K CCT	4000K CCT	5000K CCT	Wattage
15L	1273	132	10218	106
20L	1714	132	10218	106
23L	1928	132	10218	106
25L	2278	119	10218	106

SC DISTRIBUTION RECOMMENDED LUMEN MAINTENANCE*

Ambient Temperature °C	0 hrs.†	25K hrs.†	50K hrs.†	75K hrs.†	100K hrs.†
25	1.00	0.96	0.92	0.88	0.84
30	1.00	0.95	0.91	0.87	0.83
40	1.00	0.95	0.91	0.87	0.83
45	1.00	0.95	0.91	0.87	0.83

SCVF DISTRIBUTION RECOMMENDED LUMEN MAINTENANCE*

Ambient Temperature °C	0 hrs.†	25K hrs.†	50K hrs.†	75K hrs.†	100K hrs.†
25	1.00	0.99	0.98	0.97	0.96
30	1.00	0.99	0.98	0.97	0.96
40	1.00	0.99	0.98	0.97	0.96

ELECTRICAL DATA*

Lumen Level	15W	20W	24W	27W	34W	48W
15L	0.95	0.92	0.92	0.94	0.93	0.94
20L	0.79	0.81	0.82	0.82	0.81	0.82
23L	1.09	0.82	0.84	0.87	0.83	0.87
25L	1.27	0.73	0.84	0.85	0.84	0.82
25L (25%)	1.80	0.85	0.88	0.87	0.85	0.80

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Scottsdale Vertex™ (scv) Petroleum Canopy LED Luminaire

Catalog #: SCV LED 15L SC UNV DIM 40 WHT ALCS21 w/ Box Project: T13

Prepared By: _____ Date: _____

Ordering Guide: [Back to Quick Links](#)

Overview: 9,000 - 24,000 Lumens Package

Quick Links: [Ordering Guide](#) [Performance](#) [Photometrics](#) [Dimensions](#)

Features & Specifications

Construction

- Rugged 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.

Hazardous Location

- Designed for lighter than air fuel applications. Product is suitable for Class I Division 2 with all lumen packages and distributions only when properly installed per LSI installation instructions. Models with optional gasket to provide an IP66 rated sealed optical chamber is one component.
- Silicone optical material does not yellow or crack with age and provides a minimum light transmittance of 93%.
- 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 (0% - 100%) standard.
- Standard Universal Voltage (0-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- LSI Calculated Life >100K Hours (See Lumen Maintenance on Page 2).

Optical System

- Proprietary silicone refractor optics provide exceptional coverage and uniformity in Symmetrical or Combination Forward Throw distributions.
- State-of-the-art silicone optical 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%.
- 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.

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™ (47) hole.

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LD8R 8" Round Deep Regressed LED 18W / 30W Open Plenum

Catalog #: LD8R-8" Round Deep Regressed LED 18W / 30W Open Plenum Project: T98

Prepared By: _____ Date: _____

Ordering Guide: [Back to Quick Links](#)

Overview: 9,000 - 42,000 Lumens Package

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.
- 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, +40°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 efficiency LEDs are mounted to (4) circuit boards to maximize heat dissipation
- Driver components are fully enclosed in potting material for moisture resistance. Driver complies with FCC standards.

Hazardous Location

- Designed for lighter than air fuel applications. Product is suitable for Class I Division 2 with all lumen packages and distributions only when properly installed per LSI installation instructions. Models with optional 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%.
- 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 (0% - 100%) standard.
- Standard Universal Voltage (0-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- LSI Calculated Life >100K Hours (See Lumen Maintenance on Page 2).

Optical System

- Proprietary silicone refractor optics provide exceptional coverage and uniformity in Symmetrical or Combination Forward Throw distributions.
- State-of-the-art silicone optical 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%.
- 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.

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™ (47) hole.

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Slice Medium Outdoor LED Area Light

Accessory Ordering Information*

Controls Accessories	Order Number	Mounting Accessories	Order Number
Test Lock Protocol (120V) for use with CRP	120114	Round Pole Adapter (2 Round Pole)	48273SLR
Test Lock Protocol (208-277) for use with CRP	120115	Round Pole Adapter (2 Round Pole)	47997SLR
Test Lock Protocol (240V) for use with CRP	120116	Round Pole Adapter (2 Round Pole)	47998SLR
Test Lock Protocol (480V) for use with CRP	120118	Universal Mounting Bracket	68410SLR
LSI's Pin Test Lock Controller	68149	Adjustable Pole (12" - 2.31" Tens)	68130SLR
LSI's Pin Test Lock Controller	68149	Quick Mount Pole Bracket (Square Pole)	68131SLR
Pole Mounted Occupancy Sensor (2W)	68284SLR	Quick Mount Pole Bracket (4-P Round Pole)	68930SLR
Timing Relay for use with CRP	148228	1.5" Deck Mount Pole Bracket (Square Pole)	68931SLR
		1.5" Deck Mount Pole Bracket (4-P Round Pole)	68932SLR
		Wood Pole Bracket (2" Minimum Pole Diameter)	75129SLR

Electrical Data:

Lumen Level	15W	20W	24W	27W	34W	48W
15L	0.95	0.92	0.92	0.94	0.93	0.94
20L	0.79	0.81	0.82	0.82	0.81	0.82
23L	1.09	0.82	0.84	0.87	0.83	0.87
25L	1.27	0.73	0.84	0.85	0.84	0.82
25L (25%)	1.80	0.85	0.88	0.87	0.85	0.80

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Slice Medium Outdoor LED Area Light

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Test Lock Protocol (480V) for use with CRP	120118	Universal Mounting Bracket	68410SLR
LSI's Pin Test Lock Controller	68149	Adjustable Pole (12" - 2.31" Tens)	68130SLR
LSI's Pin Test Lock Controller	68149	Quick Mount Pole Bracket (Square Pole)	68131SLR
Pole Mounted Occupancy Sensor (2W)	68284SLR	Quick Mount Pole Bracket (4-P Round Pole)	68930SLR
Timing Relay for use with CRP	148228	1.5" Deck Mount Pole Bracket (Square Pole)	68931SLR
		1.5" Deck Mount Pole Bracket (4-P Round Pole)	68932SLR
		Wood Pole Bracket (2" Minimum Pole Diameter)	75129SLR

Electrical Data:

Lumen Level	15W	20W	24W	27W	34W	48W
15L	0.95	0.92	0.92	0.94	0.93	0.94
20L	0.79	0.81	0.82	0.82	0.81	0.82
23L	1.09	0.82	0.84	0.87	0.83	0.87
25L	1.27	0.73	0.84	0.85	0.84	0.82
25L (25%)	1.80	0.85	0.88	0.87	0.85	0.80

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Slice Medium (SLM) Outdoor LED Area Light

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

Prepared By: _____ Date: _____

Ordering Guide: [Back to Quick Links](#)

Overview: 9,000 - 42,000 Lumens Package

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.
- Total harmonic distortion <20%.
- Operating temperature: -40°C to +50°C (+40°F to +122°F). 42L lumen package rated to +45°C.
- Power factor >0.90
- 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 efficiency LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully enclosed in potting material for moisture resistance. Driver and key electronic components can easily be accessed.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak Intensity at 600nm.
- Minimum CRI of 70.

Hazardous Location

- Designed for lighter than air fuel applications. Product is suitable for Class I Division 2 with all lumen packages and distributions only when properly installed per LSI installation instructions. Models with optional 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%.
- 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 programmable driver features over-voltage, under-voltage, short-circuit and over-temperature protection. Custom lumen and wattage packages available.
- 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.
- Operating temperature: -40°C to +50°C (+40°F to +122°F). 42L lumen package rated to +45°C.
- Power factor >0.90
- 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 efficiency LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully enclosed in potting material for moisture resistance. Driver and key electronic components can easily be accessed.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak Intensity at 600nm.
- Minimum CRI of 70.

Optical System

- Proprietary silicone refractor optics provide exceptional coverage and uniformity in Symmetrical or Combination Forward Throw distributions.
- State-of-the-art silicone optical 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%.
- 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.

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™ (47) hole.

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Optics Rotation

Top View

Optics Rotated Left | Straight | Optics Rotated Right

Use Type (Optics Rotated Right) | EXAMPLE | Use Type (Optics Rotated Left)

Accessories/Options

Integral Louver (L) and House-Side Shield (H)

Accessory Louver and shield available for improved backlight control without sacrificing street side performance. LSI's Integral Louver (L) and Integral House-Side Shield (H) 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.

7 Pin Photoelectric Control

7-pin ANSI C136.4-2013 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).

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Ordering Guide

Typical Order Example: **SLM LED 36L SIL FTA UNV DIM 50 70CRI ALCS04 BRZ IL**

Luminaire Part	Light Source	Lumen Package	Light Output	Distribution	Distribution†	Voltage	Driver
SLM	LED	36L - 36,000 hrs 38L - 38,000 hrs 40L - 40,000 hrs 42L - 42,000 hrs	36K - 36,000 hrs 38K - 38,000 hrs 40K - 40,000 hrs 42K - 42,000 hrs	SIL - Symmetric FTA - Forward Throw	2 - Type 2 3 - Type 3 FW - Types 3 Wide FT - Forward Throw FTA - Forward Throw Automotive AM - Automotive Module	UNV - Universal Voltage (0-277 Vac) HW - High Voltage (347-480V)	DM - 0 to 15V (Dimming 0-10%) UNV - 0 to 15V (Dimming 0-10%) HW - High Voltage (347-480V)

Color Temp: 50-5000 CCT, 48-4000 CCT, 30-3000 CCT

Color Rendering: 70CRI - 70 CRI

Blank: BLK - Black, BRZ - Bronze, WHT - White, P/P - Platinum Plus, SW - Silver White

Wireless Control System: ALSC - AxiLink Sympage Control System, ALSC21 - AxiLink Blue Wireless Motion & Photo Sensor Controller (30-47 mounting height), ALSC22 - AxiLink Blue Wireless Motion & Photo Sensor Controller (25-47 mounting height)

Smart-Relays: IMB21 - Integral Bluetooth™ Motion and Photo Sensor max 8.24' mounting height, IMB22 - Integral Bluetooth™ Motion and Photo Sensor max 8.24' mounting height, IMB23 - Integral Bluetooth™ Motion and Photo Sensor max 8.24' mounting height, IMB24 - Integral Bluetooth™ Motion and Photo Sensor max 8.24' mounting height, IMB25 - Integral Bluetooth™ Motion and Photo Sensor max 8.24' mounting height, IMB26 - Integral Bluetooth™ Motion and Photo Sensor max 8.24' mounting height, IMB27 - Integral Bluetooth™ Motion and Photo Sensor max 8.24' mounting height, IMB28 - Integral Bluetooth™ Motion and Photo Sensor max 8.24' mounting height, IMB29 - Integral Bluetooth™ Motion and Photo Sensor max 8.24' mounting height, IMB30 - Integral Bluetooth™ Motion and Photo Sensor max 8.24' mounting height, IMB31 - Integral Bluetooth™ Motion and Photo Sensor max 8.24' mounting height, IMB32 - Integral Bluetooth™ Motion and Photo Sensor max 8.24' mounting height, IMB33 - Integral Bluetooth™ Motion and Photo Sensor max 8.24' mounting height, IMB34 - 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