




















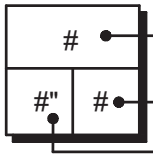
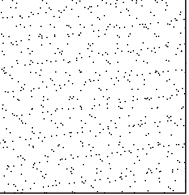


PLANT SCHEDULE			
TREES	BOTANICAL NAME / COMMON NAME	SIZE	QTY
	Calia secundiflora / Texas Mountain Laurel	24"box	3
	Chilopsis linearis / Desert Willow	15 gal	2
	Chilopsis linearis / Desert Willow	24"box	1
	Parkinsonia x `Desert Museum` / Desert Museum Palo Verde	24"box	6
	Parkinsonia x `Desert Museum` / Desert Museum Palo Verde	36"box	3
SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE	QTY
	Hesperaloe parviflora / Red Yucca	5 gal	6
	Lantana montevidensis `New Gold` / Trailing Lantana	1 gal	20
	Muhlenbergia rigens / Deer Grass	5 gal	16
	Rosmarinus officialis `Prostratus` / Dwarf Rosemary	1 gal	15
	Ruellia penninsularis / Wild Petunia	5 gal	32
	Russelia equisetiformis / Firecracker Plant	5 gal	14

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Hunter ICZ-101-40 Drip Control Zone Kit. 1" ICV Globe Valve with 1" HY100 filter system. Pressure Regulation: 40psi. Flow Range: 2 GPM to 20 GPM. 150 mesh stainless steel screen.	2
	Rain Bird MDCFCAP Dripline Flush Valve cap in compression fitting coupler.	10
	Rain Bird EMT-6XERI w/ Xeri-Bug Multi Outlet Emitter Multi-Outlet Emitter with 6 Xeri-Bug Emitters. Blue=0.5gph, Black=1.0gph, Red=2.0gph.	69
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Nibco T-29-K 200 PSI CWP Bronze Gate Valve, Cross Handle, Size Range - 1/2" - 2"	1
	Febco 825YA 3/4" Reduced Pressure Backflow Preventer	1
	Irritrol IBOS-12-PLUS with SPC-2 12 Station, Outdoor, Battery Operated Controller. Comes with a steel cabinet and key/lock door. With the optional Solar Power Converter (includes batteries).	1
	Water Meter 3/4"	1
	Irrigation Lateral Line: PVC Schedule 40	1,429 l.f.
	Irrigation Mainline: PVC Schedule 40	135.5 l.f.
	Pipe Sleeve: PVC Schedule 40	144.5 l.f.
Valve Callout		
	# Valve Number # Valve Flow # Valve Size	

REFERENCE NOTES SCHEDULE


SYMBOL	DESCRIPTION	QTY	DETAIL
	3/4" Screened Express Carmel Decomposed Granite at 2" depth. NOTE: the quantity shown is an estimate. The contractor will be responsible to verify in the field the exact quantity needed.	37,476 sf	

LANDSCAPE GENERAL NOTES

- Landscape contractor shall confirm location of all underground utilities prior to any excavation and shall be responsible for the following:
 - Damages to such utilities caused as a result of the contractor's activities.
 - Damages to existing walks, walls, drives, curbs, etc.
 - Inspecting the site in order to be fully aware of existing conditions prior to submitting a bid.
- Installation of all landscape and irrigation materials shall comply with sections 424, 425, 757, and 795 of the MAG standard specifications as amended by the City of Mesa in the current edition of the [Mesa Engineering Procedures Manual, Landscape & Irrigation Standards](#).
- Contractor shall repair any damage made to the existing sprinkler system to the satisfaction of the city at no additional cost to the city.
- Landscape removal is a non-pay item unless otherwise noted.
- All existing vegetation, weeds, debris, etc. Shall be removed from project area and disposed of properly off the site at the contractor's expense (scarify existing subgrade, minimum six (6) inches depth).
- Damage to turf shall be repaired by contractor, i.e., ruts filled with clean soil, compacted to match surrounding grades, excess soil, rock, etc. shall be removed to leave the site clean.
- All plant material, other than trees, shall conform to grading, type, etc. as set forth in the [American Standard for Nursery Stock](#) by the American Association of Nurserymen. All trees shall conform to the current [Arizona Nursery Association Tree Specifications](#) and MAG spec 795.7. Should any conflicts in the specifications occur, the Arizona Nursery Association's specifications shall prevail.
- City reserves the right to inspect shrubs and containered trees for condition of root balls. For any such inspections which may destroy rootball, contractor shall supply additional plant at no cost to city.
- Plant pits shall be inspected by city prior to planting by the contractor by requesting an inspection 48 hours in advance.
- Rough and fine grading to establish uniform smooth grade is included in this project.
- Soil test for fertility and additive recommendations (for turf and ornamentals) shall be completed by contractor to determine if additives are required. Contractor shall provide copy of soil test results for review and approval to engineering inspector at least seven (7) days prior to anticipated planting. After approval by the city, the contractor shall provide and incorporate any additives required prior to or at time of planting.
- Plant pit soil mixture shall consist of four and one-half parts natural fertile, friable soil and one part humus by volume, thoroughly mixed prior to backfilling in pits. Backfilling shall be in 6" lifts with each lift water settled without puddling.
- Contractor shall stake tree and shrub locations for 5-gallon plants and larger. Stakes shall be marked with plant name or plant legend item number from plans.
- All existing (gas, electric, water, etc.) covers and boxes shall remain uncovered. Contractor to adjust to final grade as necessary. Npi unless otherwise noted.
- The contractor shall install water meter provided by the City of Mesa. The contractor shall provide all materials including all appurtenances and labor necessary to install the complete automatic sprinkler system from the meter (water usage charges shall be paid by contractor until project final acceptance by City of Mesa). Contractor shall order meter from development services.
- The contractor shall be responsible for locating the underground sprinkler systems in advance of construction. The sprinkler system locations noted on plans are for reference only.
- Contractor to verify depth of all inlet structures and sprinkler systems prior to trenching for low-flow channel.
- Contractor to provide pumping within five (5) days after the notice to proceed is given as required to dry the area sufficiently to begin construction.
- Contractor shall arrange for sprinkler system shutdown during construction by contacting the engineering inspector.
- No rocks larger than 1" in diameter shall be allowed in the top six (6) inches of topsoil where turf establishment is specified. Rock removal as necessary is included in this project (npi).
- Where caliche is encountered in plant pits, depth and width of pit shall be increased by one-third (1/3) over specification, and a liquid penetrator, "al-kaliche" or equal, shall be incorporated for each pit per manufacturer's recommendations.
- Project record drawings for irrigation system:
 - Maintain on site and separate from documents used for construction, one complete set of contract documents as project record documents. Keep documents current. Do not permanently cover work until as-built information is recorded.
 - Record pipe and wiring network alterations. Record work which is installed differently than shown on the construction drawings. Record accurate reference dimensions, measured from at least two permanent reference points, of each irrigation system valve, each backflow prevention device, each controller or controller unit, each sleeve end, each stub-out for future pipe or wiring connections, and other irrigation components enclosed within a valve box.
- For parks and retention basins:** Contractor shall install decomposed granite to a rolled depth of two (2) inches. Decomposed granite shall be 1/2" minus with the color as specified on the plans. Pre-emergent herbicide shall be applied before and after placement of decomposed granite per the manufacturer's recommendations. Pre-emergent herbicide shall be surflan, dacthal, or approved equal. Not more than 8% of decomposed granite shall pass through a #200 mesh screen, 15% through a #40 mesh screen, 98% through a #4 mesh screen, and 100% shall pass through a 1/2" mesh screen. Sample to be provided for city review and approval.
- For street landscape projects:** Contractor shall install decomposed granite as follows:
 - Decomposed granite ground cover shall be 1/2" size screened and washed.
 - Place and roll to two (2) inch total depth over 85% compacted subgrade.
 - Pre-emergent herbicide surflan, dacthal, or approved equal shall be applied before and after granite placement.
 - DECOMPOSED GRANITE SAMPLE SHALL BE PROVIDED IN A RIGID PLASTIC CONTAINER FOR CITY REVIEW AND APPROVAL.
- RESTORE ALL EXISTING LANDSCAPE IRRIGATION SYSTEMS, COMPONENTS AND LANDSCAPE AREAS IMPACTED BY ANY WORK UNDER THIS CONTRACT. RESTORE ALL EXISTING IRRIGATION AND LANDSCAPE IN ACCORDANCE WITH THE LANDSCAPE RESTORATION NOTES INDICATED WITHIN THESE DOCUMENTS. AT A MINIMUM, ALL RESTORATION SHALL BE IN ACCORDANCE WITH M.A.G. SPECIFICATION 107.9 - PROTECTION AND RESTORATION OF PROPERTY AND LANDSCAPE. ALL RESTORATION WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY OF MESA ENGINEER.
- ALL RESTORATION WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE DETAILS PROVIDED.
- REFER TO LANDSCAPE PLANTING SHEETS AND ENGINEERING DRAWINGS FOR ADDITIONAL RESTORATION NOTES AND REQUIRED COORDINATION.

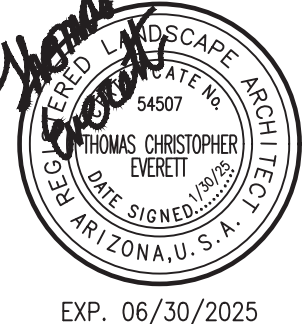
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seal

RED MOUNTAIN
SELF STORAGE AND RV
EXPANSION OF EXIST. FACILITY
5612 E. McDOWELL ROAD
MESA, ARIZONA 85215

Title:COVER SHEET

Date:3/3/2025

Project number:RMSE

Drawn by:

Checked by:PG

CAD file:

☒ Design Development

☐ Progress Const. Docs.

☒ City Submittal

☒ Bid Package

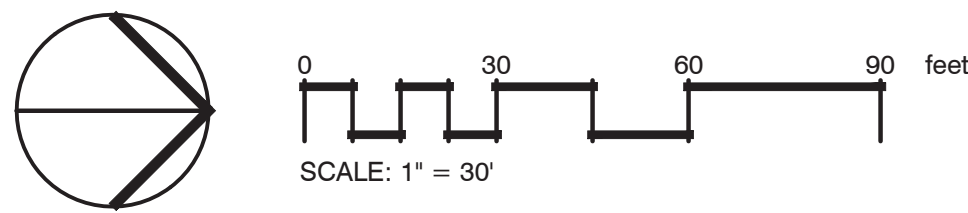
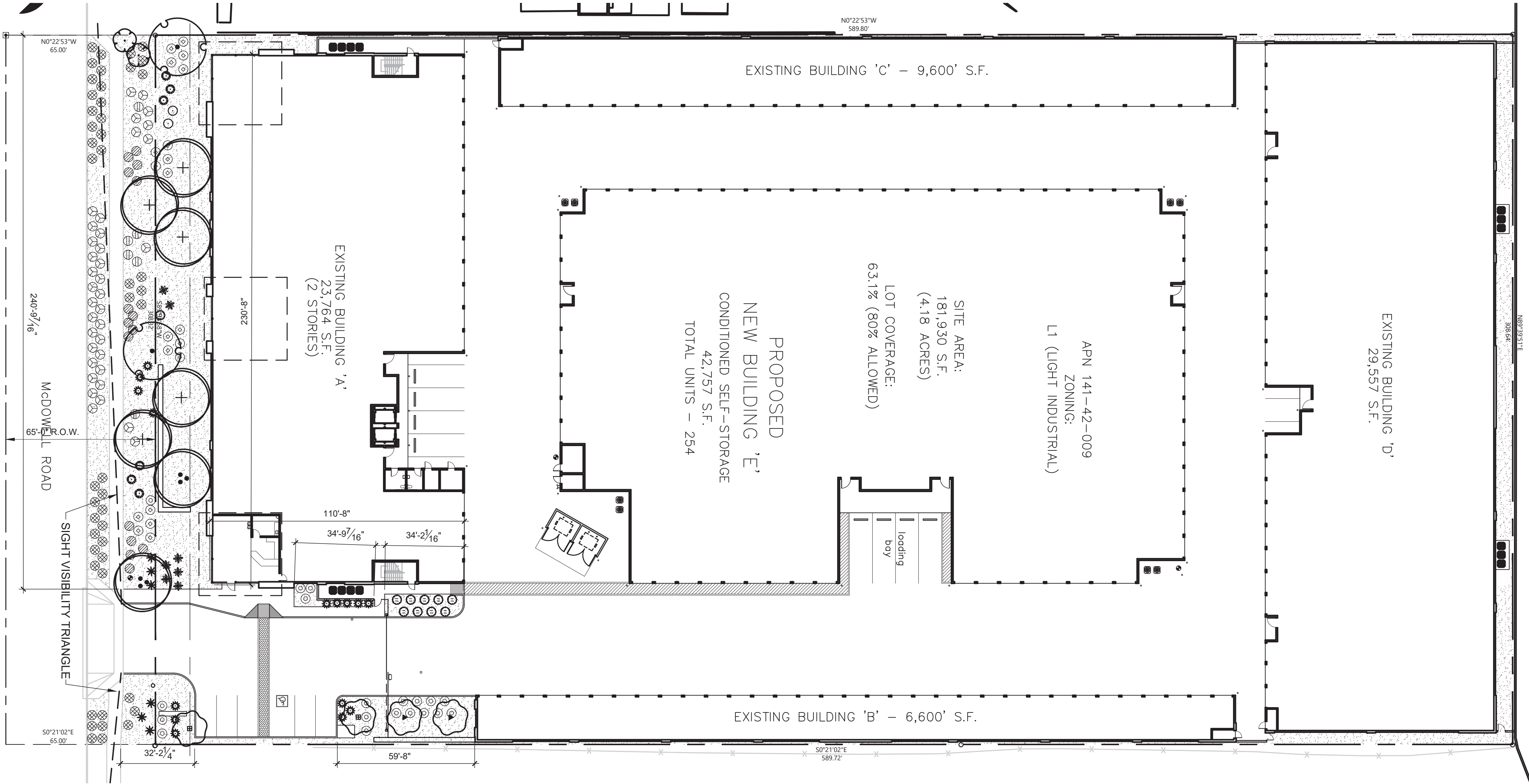
☐ Construction Issue

☐ Record Drawings

Sheet Number:

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06/24/18CITY COMMENTS06/24/18OWNER/C.C.



LANDSCAPE CALCULATIONS		
Total Parking lot trees	2	
Foundation base length	342'	
	Required	Provided
Street Frontage Trees	10	11
36" Street Frontage Trees	3	4
Ocotillo substitution	N/A	N/A
24" Street Frontage Trees	5	6
Street Frontage Shrubs	60	150
5 Gal. Street Frontage Shrubs	30	50
36" box parking lot trees	12	16
Perimeter trees	3	4
Perimeter shrubs	20	33
Foundation base trees required	6	11
36" box foundation base trees	1	4
Foundation base LF required	114 (33%)	299 (87%)

PLANT SCHEDULE SUPPLEMENTAL PLANTING

SYMBOL BOTANICAL / COMMON NAME SIZE QTY

TREES

	Callia secundiflora Texas Mountain Laurel	24"box	2
	Chilopsis linearis Desert Willow	15 gal	2
	Chilopsis linearis Desert Willow	24"box	1
	Parkinsonia x 'Desert Museum' Desert Museum Palo Verde Existing	24"box	5
	Parkinsonia x 'Desert Museum' Desert Museum Palo Verde	36"box	2
	Parkinsonia x 'Desert Museum' Desert Museum Palo Verde	36"box	2

SHRUBS

	Hesperaloe parviflora Red Yucca	5 gal	7
	Hesperaloe parviflora Red Yucca Existing	5 gal	6
	Lantana montevidensis 'New Gold' Trailing Lantana	1 gal	3
	Lantana montevidensis 'New Gold' Trailing Lantana Existing	1 gal	15
	Muhlenbergia rigens Deer Grass	5 gal	6
	Muhlenbergia rigens Deer Grass Existing	5 gal	15
	Rosmarinus officinalis 'Prostratus' Dwarf Rosemary	1 gal	5
	Rosmarinus officinalis 'Prostratus' Dwarf Rosemary Existing	1 gal	6
	Ruellia penninsularis Wild Petunia	5 gal	19
	Russelia equisetiformis Firecracker Plant Existing	5 gal	10

REFERENCE NOTES SCHEDULE

SYMBOL DESCRIPTION QTY DETAIL

ROCK

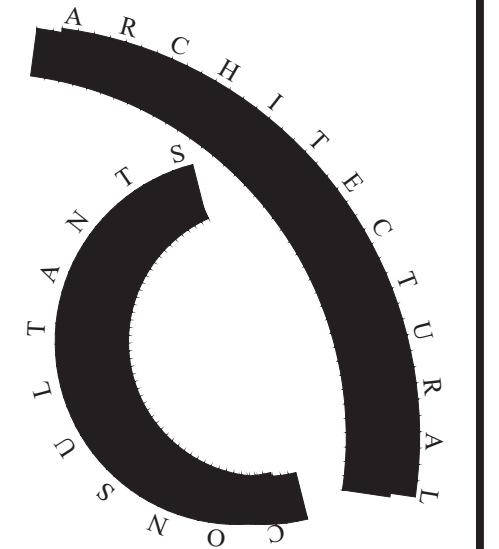
	3/4" Screened Express Carmel Decomposed Granite at 2" depth. NOTE: the quantity shown is an estimate. The contractor will be responsible to verify in the field the exact quantity needed.	18,738 sf
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NOTE ON CITY LANDSCAPE REQUIREMENTS

THE STREET FRONTAGE LANDSCAPE AREA MEASURES APPROXIMATELY 275 LINEAR FEET. THIS WOULD REQUIRE 11 TREES AND 55 SHRUBS. THE EXISTING LANDSCAPE WAS DEFICIENT 2 TREES AND 20 SHRUBS. NEW TREES AND SHRUBS WERE ADDED TO BRING THE TOTAL UP TO 11 TREES PROVIDED AND 56 SHRUBS PROVIDED.

Architectural Concepts

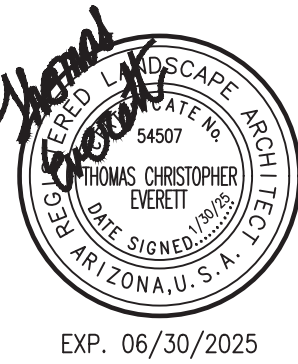
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seal



RED MOUNTAIN
SELF STORAGE AND RV
EXPANSION OF EXIST. FACILITY
5612 E. McDOWELL ROAD
MESA, ARIZONA 85215

Title: LANDSCAPE PLAN

Date: 3/3/2025

Project number: RMSE

Drawn by:

Checked by: PG

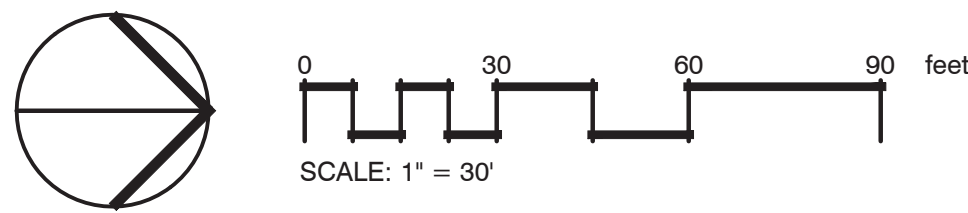
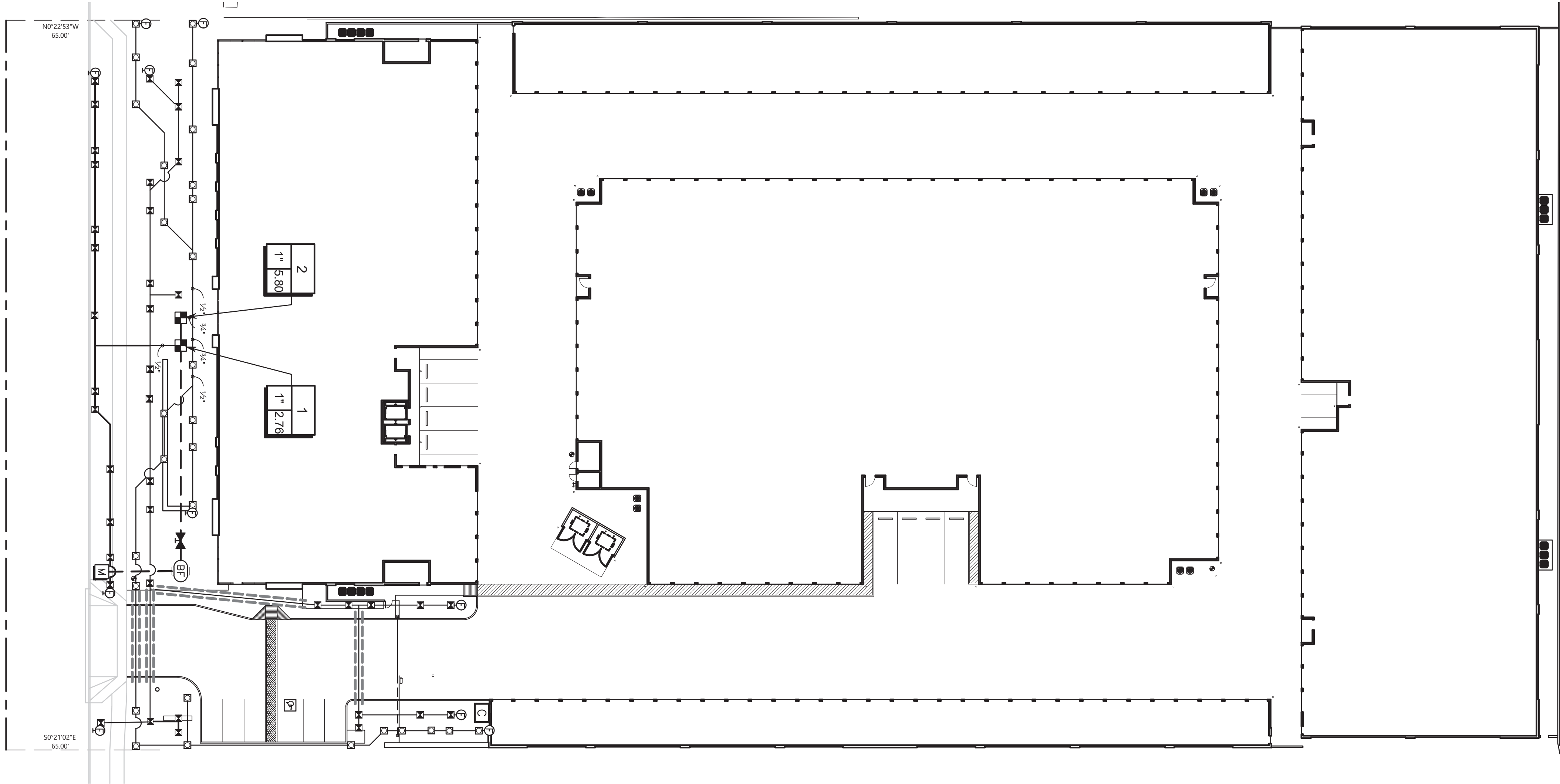
CAD file:

- ☒ Design Development
- ☐ Progress Const. Docs.
- ☒ City Submittal
- ☒ Bid Package
- ☐ Construction Issue
- ☐ Record Drawings

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L2.1

08/24/18 CITY COMMENTS 08/24/18 OWNER/CC 08/24/18

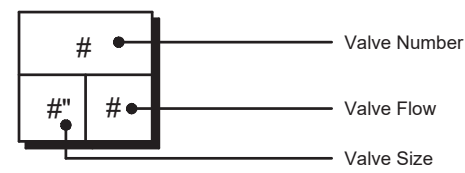


IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Hunter ICZ-101-40 Drip Control Zone Kit. 1" ICV Globe Valve with 1" HY100 filter system. Pressure Regulation: 40psi. Flow Range: 2 GPM to 20 GPM. 150 mesh stainless steel screen.	2
	Rain Bird MDCFCAP Dripline Flush Valve cap in compression fitting coupler.	10
	Rain Bird EMT-6XER1 w/ Xeri-Bug Multi Outlet Emitter Multi-Outlet Emitter with 6 Xeri-Bug Emitters. Blue=0.5gph, Black=1.0gph, Red=2.0gph.	69

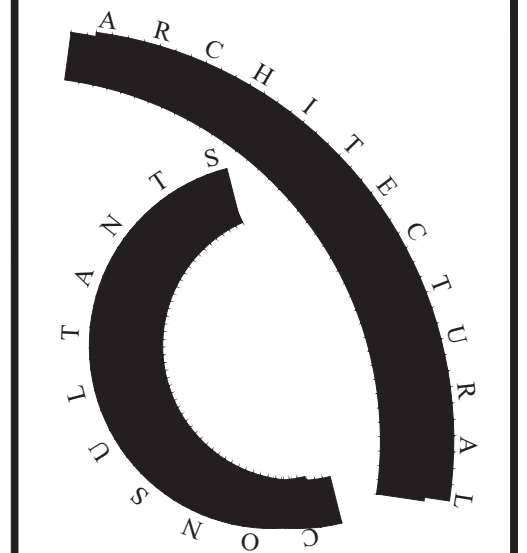
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Nibco T-29-K 200 PSI CWP Bronze Gate Valve, Cross Handle, Size Range - 1/2" - 2"	1
	Febco 825YA 3/4" Reduced Pressure Backflow Preventer	1
	Irritrol IBOS-12-PLUS with SPC-2 12 Station, Outdoor, Battery Operated Controller. Comes with a steel cabinet and key/lock door. With the optional Solar Power Converter (includes batteries).	1
	Water Meter 3/4"	1

	Irrigation Lateral Line: PVC Schedule 40	1,429 l.f.
	Irrigation Mainline: PVC Schedule 40	135.5 l.f.
	Pipe Sleeve: PVC Schedule 40	144.5 l.f.



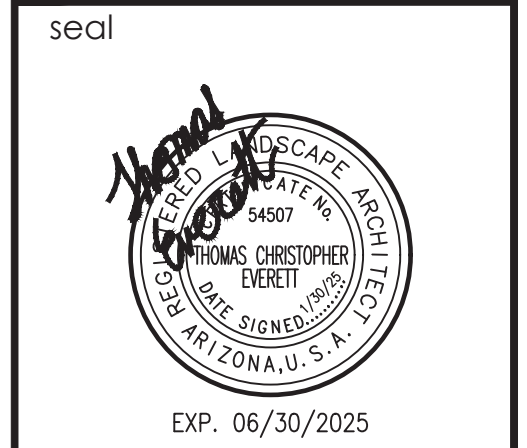
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Title: IRRIGATION PLAN

Date: 3/3/2025

Project number: RMSE

Drawn by: PG

Checked by: PG

CAD file:

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L3

06/24/18 CITY COMMENTS 06/24/18 OWNER/C.C. 06/24/18

