

CITY OF MESA FIRE AND MEDICAL STATION 223

PROJECT TEAM

OWNER

MESA FIRE AND MEDICAL DEPARTMENT
13 W 1ST STREET
MESA, AZ 85201
CONTACT:
PHONE: (480) 644-2101
EMAIL: FIREINFO@MESAAZ.GOV

ARCHITECT

PERLMAN ARCHITECTS
2929 N. CENTRAL AVE, STE 1600
PHOENIX, AZ 85012-2727
CONTACT: JUAN RIVAS
PHONE: (602) 837-4703
EMAIL: JUANR@PERLMANAZ.COM

CIVIL ENGINEER

CIVIL DESIGN SOLUTIONS, LLC
10910 W PALM LN,
AVONDALE, AZ 85392
CONTACT: BILL GASQUE
PHONE: (480) 205-8434
EMAIL: BGASQUE@CDSELLC-AZ.NET

LANDSCAPE ARCHITECT

LOGAN SIMPSON, INC.
51 W. THIRD ST. SUITE 450
TEMPE, ARIZONA 85281
CONTACT: WILL HERRERA
PHONE: (480) 967-1343
EMAIL: WHERRERA@LOGANSIMPSON.COM

GENERAL LANDSCAPE 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.
- 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. NOTED TO BE REMOVED ON THE PLANS AND SPECIFICATIONS 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. NON-PAY ITEM (NPI) UNLESS OTHERWISE NOTED.
- 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 A NON-PAY (NPI) ITEM UNLESS OTHERWISE NOTED.
- 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.
- CONTRACTOR SHALL INSTALL DECOMPOSED GRANITE TO A ROLLED DEPTH PER THE APPROVED PLANS AND SPECIFICATIONS. DECOMPOSED GRANITE SHALL BE PER THE APPROVED PLANS AND SPECIFICATIONS 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. SAMPLE TO BE PROVIDED FOR CITY REVIEW AND APPROVAL. CONTRACTOR SHALL WASH OFF ROCK MULCH ONCE FINAL PLACEMENT HAS OCCURRED.
- 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 REFERENCED DETAILS AND ANY ADDITIONAL DETAILS PROVIDED.
- REFER TO LANDSCAPE PLANTING SHEETS AND ENGINEERING DRAWINGS FOR ADDITIONAL RESTORATION NOTES AND REQUIRED COORDINATION.

PLANTING

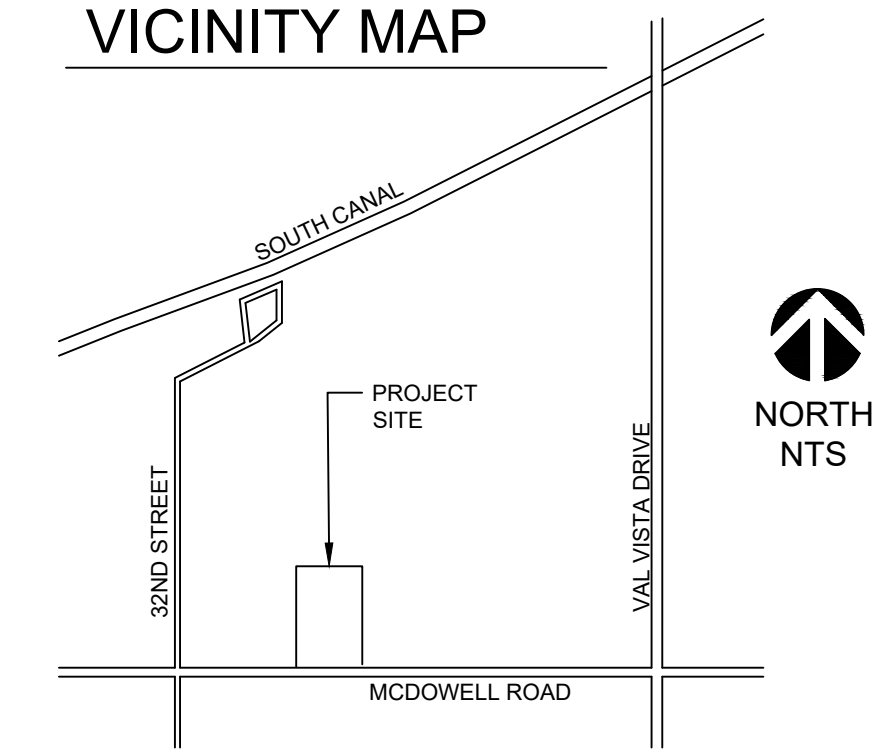
- ALL PLANT MATERIAL AND SPECIFICATIONS TO CONFORM TO THE ARIZONA NURSERY ASSOCIATION STANDARDS UNLESS OTHERWISE NOTED. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REFUSE PLANT MATERIAL NOT MATCHING THE STANDARD FOR SIZE, HEALTH, AND FORM.
- DO NOT MAKE SUBSTITUTIONS; IF SPECIFIED LANDSCAPE MATERIAL IS NON-OBTAINABLE, SUBMIT PROOF OF NON-AVAILABILITY FROM AT LEAST FIVE SUPPLIERS TO OWNER'S REPRESENTATIVE, TOGETHER WITH A PROPOSAL FOR SUBSTITUTION OF EQUIVALENT MATERIAL FOR ACCEPTANCE.
- LAYOUT INDIVIDUAL TREE AND PLANT LOCATIONS AND AREAS FOR MULTIPLE PLANTINGS, STAKE LOCATIONS AND OUTLINE AREAS AND SECURE OWNER'S REPRESENTATIVE ACCEPTANCE BEFORE START OF PLANTING WORK. MAKE MINOR ADJUSTMENTS AS MAY BE DIRECTED.
- PLANT QUANTITIES LISTED IN THE LANDSCAPE SCHEDULE ARE FOR THE CONVENIENCE OF THE CONTRACTOR. IN THE CASE OF ANY DISCREPANCIES, PLANS SHALL OVERRIDE THE LANDSCAPE AND BID SCHEDULE QUANTITIES. CONTRACTOR SHALL VERIFY QUANTITIES SHOWN ON THE PLANS AND BASE THEIR BID ACCORDINGLY.
- ALL PLANT MATERIALS SHALL HAVE A MINIMUM SETBACK FROM EDGE OF CURBS, WALKS, WALLS, PADS, ETC. AS FOLLOWS UNLESS OTHERWISE DIRECTED BY THE OWNER'S REPRESENTATIVE AS FOLLOWS:
 - TREES 5 FOOT MINIMUM SETBACK
 - SHRUBS 3 FOOT MINIMUM SETBACK
 - GROUND COVER AN 18 INCH MINIMUM SETBACK
- EXCAVATE PLANTING PITS, AS SHOWN ON THE DRAWINGS AND SCHEDULES. LOOSEN HARD SUBSOIL IN BOTTOM OF EXCAVATION. TEST DRAINAGE OF TREE, SHRUB AND PLANT PITS BY FILLING WITH WATER TWICE IN SUCCESSION. CONDITIONS PERMITTING THE RETENTION OF WATER IN PLANTING PITS FOR MORE THAN TWENTY-FOUR (24) HOURS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. DRAINAGE CHIMNEY WHEN AUTHORIZED, IF PLANT PIT DOES NOT DRAIN WITHIN 24 HOURS, THEN DRILL ONE (1) 6" DIAMETER X 24" DEEP HOLE. AT EDGE OF EXCAVATED PIT, RE-TEST PERCOLATION PER SPECIFICATIONS, CERTIFY PERCOLATION AND FILL HOLE WITH PEA GRAVEL. COORDINATE LOCATION WITH TREE STAKES.
- IF ROCK, UNDERGROUND CONSTRUCTION, ADVERSE DRAINAGE CONDITIONS, OR OTHER OBSTRUCTIONS ARE ENCOUNTERED IN EXCAVATION FOR PLANTING OF TREES, SHRUBS, OR PLANTS NOTIFY OWNER'S REPRESENTATIVE. NEW LOCATIONS MAY BE DETERMINED, OR INSTRUCTIONS MAY BE ISSUED TO DIRECT REMOVAL OF OBSTRUCTION. PROCEED WITH WORK ONLY AFTER APPROVAL OF OWNER'S REPRESENTATIVE.
- ALL PLANT BACKFILL MIXES SHALL BE AMENDED AS DESCRIBED ON THE LANDSCAPE DRAWING DETAILS, UNLESS SUPERCEDED BY SPECIFIC SOIL TESTING AND OR LANDSCAPE SPECIFICATIONS. BACKFILL MIX SHALL BE PLACED IN 6" LIFTS AND TAMPED INTO PLACE TO OBTAIN COMPACTION. NO TRANSPLANTING SHALL BE DONE WHEN SOIL IS EXCESSIVELY WET. DO NOT COUNTERSINK AROUND CACTI OR SUCCULENTS. PROVIDE POSITIVE DRAINAGE AWAY FROM PLANT.
- ALL SHRUBS SHALL HAVE A FULL HEAD THAT COVERS THE CAN DIAMETER (CAN FULL) AND A MINIMUM OF THREE STEMS/BRANCHES.
- PLANT BACKFILL MIX SHALL CONFORM TO LANDSCAPE DETAIL NOTES, UNLESS OTHERWISE SPECIFIED.
- FERTILIZER TABLETS SHALL BE AGRIFORM (21 GRAM 20-10-5) OR EQUAL. QUANTITY OF TABLETS SHALL BE PLACED 1/2 THE DEPTH OF THE ROOTBALL AT THE FOLLOWING RATE:
 - 1 TABLET PER 1 GALLON CONTAINER
 - 2 TABLETS PER 5 GALLON CONTAINER
 - 3 TABLETS PER 15 GALLON CONTAINER
 - 4 TABLETS PER 24" BOX
 - 6 TABLETS PER 36" BOX
 - 8 TABLETS PER 48" BOX
 - AT A RATE OF 1 TABLET PER EACH ADDITIONAL 6" BOX SIZE.

WHEN MULTIPLE QUANTITIES OF TABLETS ARE REQUIRED THEY SHALL BE EQUALLY SPACED AT THE SPECIFIED DEPTH.

SHEET INDEX

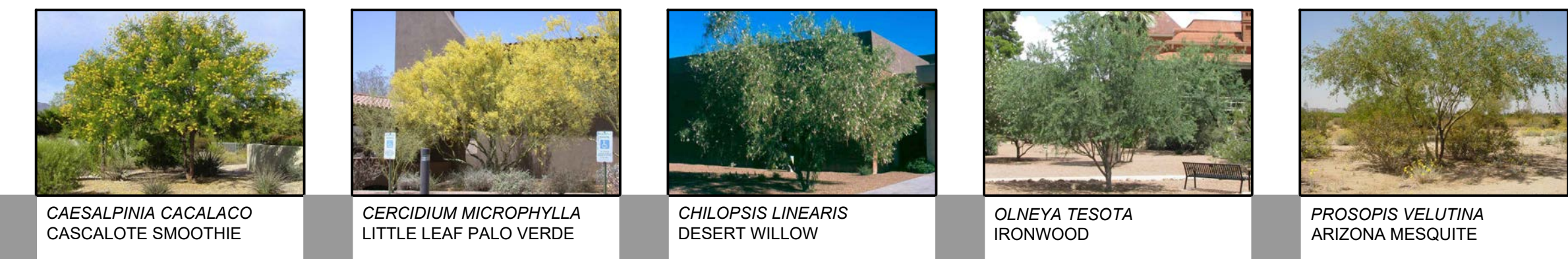
LC100	LANDSCAPE COVER
LI200	LANDSCAPE INVENTORY PLAN
HS200	HARDSCAPE PLAN
HS300	HARDSCAPE DETAILS
LS200	LANDSCAPE PLAN
LS300	LANDSCAPE DETAILS
IR200	IRRIGATION PLAN
IR300	IRRIGATION DETAILS

VICINITY MAP

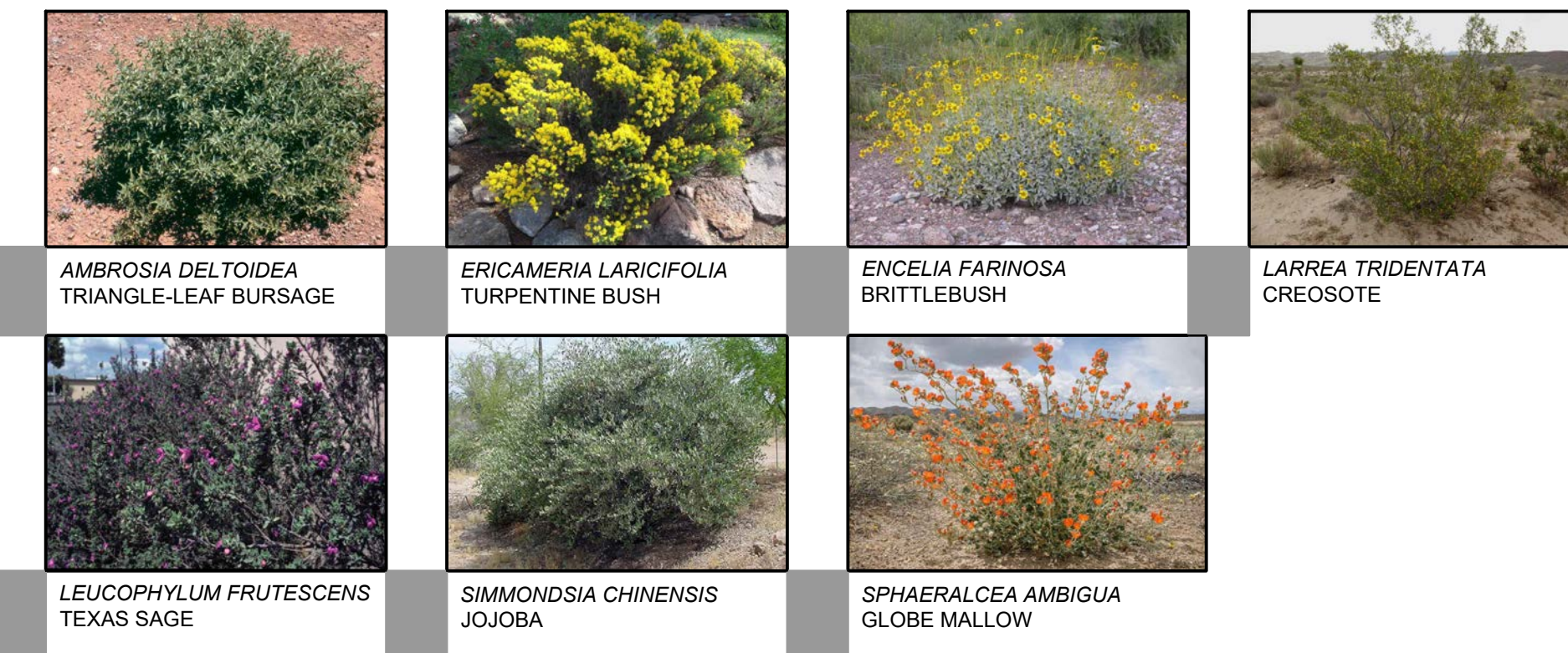


PLANT IMAGES

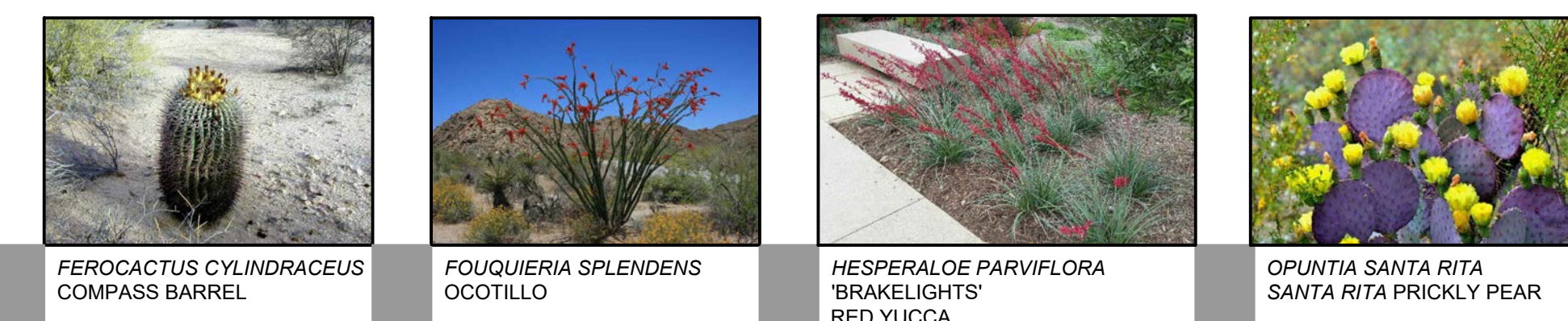
TREE



SHRUB



ACCENTS



GROUND COVER

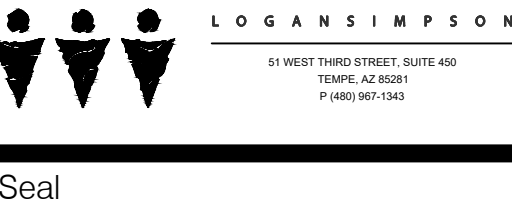


INERT MATERIALS



OPEN SPACE REQUIREMENT

SQUARE FEET REQUIRED: _____
SQUARE FEET MET: 2,530



Seal

NOT FOR CONSTRUCTION

These drawings are instruments of service and are the property of Howard Perliman, AIA. Howard Perliman expressly reserves its common law copyright and other property rights to these plans. These plans are not to be reproduced, changed or copied in any form or manner whatsoever, nor are they to be assigned to any third party, without first obtaining the expressed written permission and consent of Howard Perliman, AIA. Written dimensions on these drawings shall have precedence over scaled dimensions.
© COPYRIGHT 2022, HOWARD PERLMAN, AIA.

Rev.	Date	By	Description

CITY OF MESA FIRE AND MEDICAL STATION NO. 223
3310 E. MCDOWELL RD.

Drawn/Checked

MA/WH

Date

5/6/24

Project Number

323014 / COM C10124

Sheet Number

COVER SHEET

LC100

Project

Owner

CITY OF MESA
20 E. MAIN STE 650
Mesa, AZ 85211

NOT FOR CONSTRUCTION

These drawings are instruments of service and are the property of Howard Perlman, AIA. Howard Perlman expressly reserves its common law copyright and other property rights to these plans. These plans are not to be reproduced, changed or copied in any form or manner whatsoever, nor are they to be assigned to any third party, without first obtaining the expressed written permission and consent of Howard Perlman, AIA. Written dimensions on these drawings shall have precedence over scaled dimensions.
 © COPYRIGHT 2022, HOWARD PERLMAN, AIA.

INVENTORY LEGEND

PLANT #	BOTANICAL NAME	COMMON NAME	HT. (FT)	CAL. (IN)	CONDITION	RECOMMENDATION
1	PROSOPIS SP.	MESQUITE	12'	14"	POOR	NO SALVAGE
2	PROSOPIS SP.	MESQUITE	12'	12"	POOR	NO SALVAGE
3	PROSOPIS SP.	MESQUITE	12'	18"	POOR	NO SALVAGE
4	PROSOPIS SP.	MESQUITE	15'	14"	POOR	NO SALVAGE
5	PROSOPIS SP.	MESQUITE	15'	18"	POOR	NO SALVAGE
6	PROSOPIS SP.	MESQUITE	12'	30"	POOR	NO SALVAGE
7	CERCIDIUM SP.	PALO VERDE	8'	10"	GOOD	SALVAGE
8	PROSOPIS SP.	MESQUITE	12'	24"	POOR	NO SALVAGE

LANDSCAPE INVENTORY NOTES

1. PLANT LOCATION SHOWN ON THE PLANS MAY DIFFER FROM THE ACTUAL LOCATIONS IN THE FIELD. SALVAGE CONTRACTOR TO VERIFY ALL LOCATIONS AND PLANT CONDITIONS IN THE FIELD.
2. WHERE PLANTS ARE LOCATED CLOSE TO AN EXISTING IRRIGATION SYSTEM, THAT IRRIGATION SYSTEM SHALL BE PROTECTED IN PLACE.

Rev.	Date	By	Description



LANDSCAPE INVENTORY PLAN

Project
CITY OF MESA FIRE AND MEDICAL STATION NO. 223
 3310 E. MCDOWELL RD.

Owner
 CITY OF MESA
 20 E. MAIN STE 650
 Mesa, AZ 85211

Drawn/Checked
MA/WH

Date
5/6/24

Project Number
323014 / COM C10124

Sheet Number
LANDSCAPE INVENTORY PLAN

LI200

