

1 PLANTING PLAN - AREA A
L7.101 1" = 40'-0"

CITY OF MESA GENERAL NOTES FOR LANDSCAPE PLAN

- 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 NURSEYMEN. 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.
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- 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.
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TREE LEGEND				
Code	Botanical Name	Cultivar	Common Name	Size

AC SM 15	Acacia smallii		Sweet Acacia	15 GAL.
AC SM 24	Acacia smallii		Sweet Acacia	24" BOX
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ha pa 5	Hamelia patens	'Sierra Red'	Fire Bush	5 Gal.
ju sp 1	Justicia spicigera		Mexican Honeysuckle	1 Gal.
ju sp 5	Justicia spicigera		Mexican Honeysuckle	5 Gal.
pe pa 1	Penstemon parryi		Parry's Penstemon	1 Gal.
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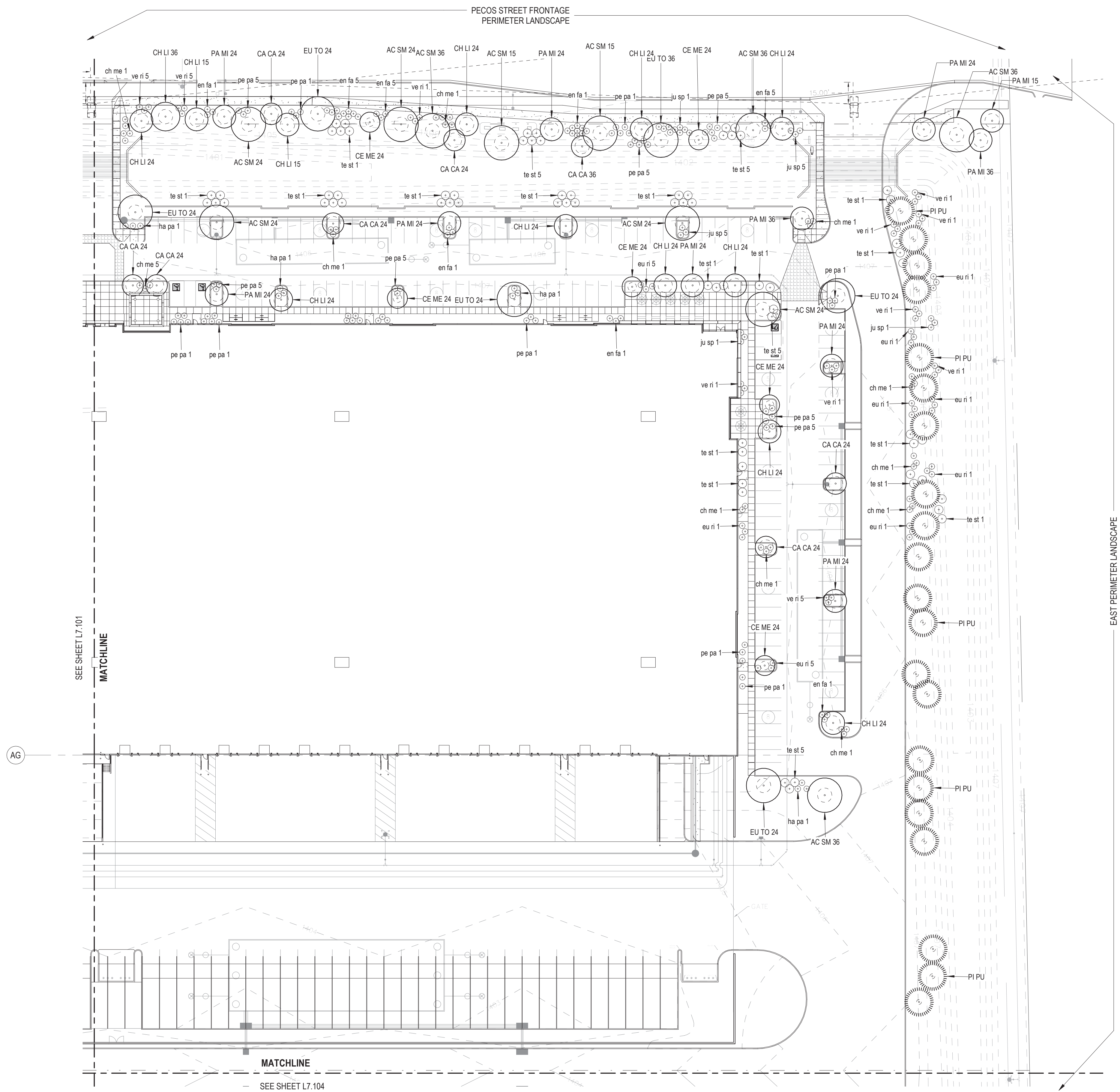
CUBES AT MESA - BUILDING A
E PECOS RD & S CRISMON RD, MESA, AZ 85212

DRAWING ISSUE	
DESCRIPTION	DATE
DESIGN REVIEW	03.21.2022
1st REVIEW COMMENTS	04/22/2022

DRAWING TITLE
PLANTING PLAN - AREA A

DRAWING NO.
L7.101

Job # 20.005838



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ST. LOUIS, MISSOURI 63114
Ph. 314.429.1010

LANDSCAPE ARCHITECT
CERTIFICATE NO. 70418
MATTHEW MARANZANA
03.21.2022

CRG INTEGRATED REAL ESTATE SOLUTIONS

CUBES AT MESA - BUILDING A
E PECOS RD & S CRISMON RD, MESA, AZ 85212

DRAWING ISSUE	
DESCRIPTION	DATE
DESIGN REVIEW	03.21.2022
1st REVIEW COMMENTS	04/22/2022

DRAWING TITLE
PLANTING PLAN - AREA B

DRAWING NO.
L7.102

Job # 20.005838

4/22/2022 11:44:12 AM
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L7.102
1" = 40'-0"
PLANTING PLAN - AREA B

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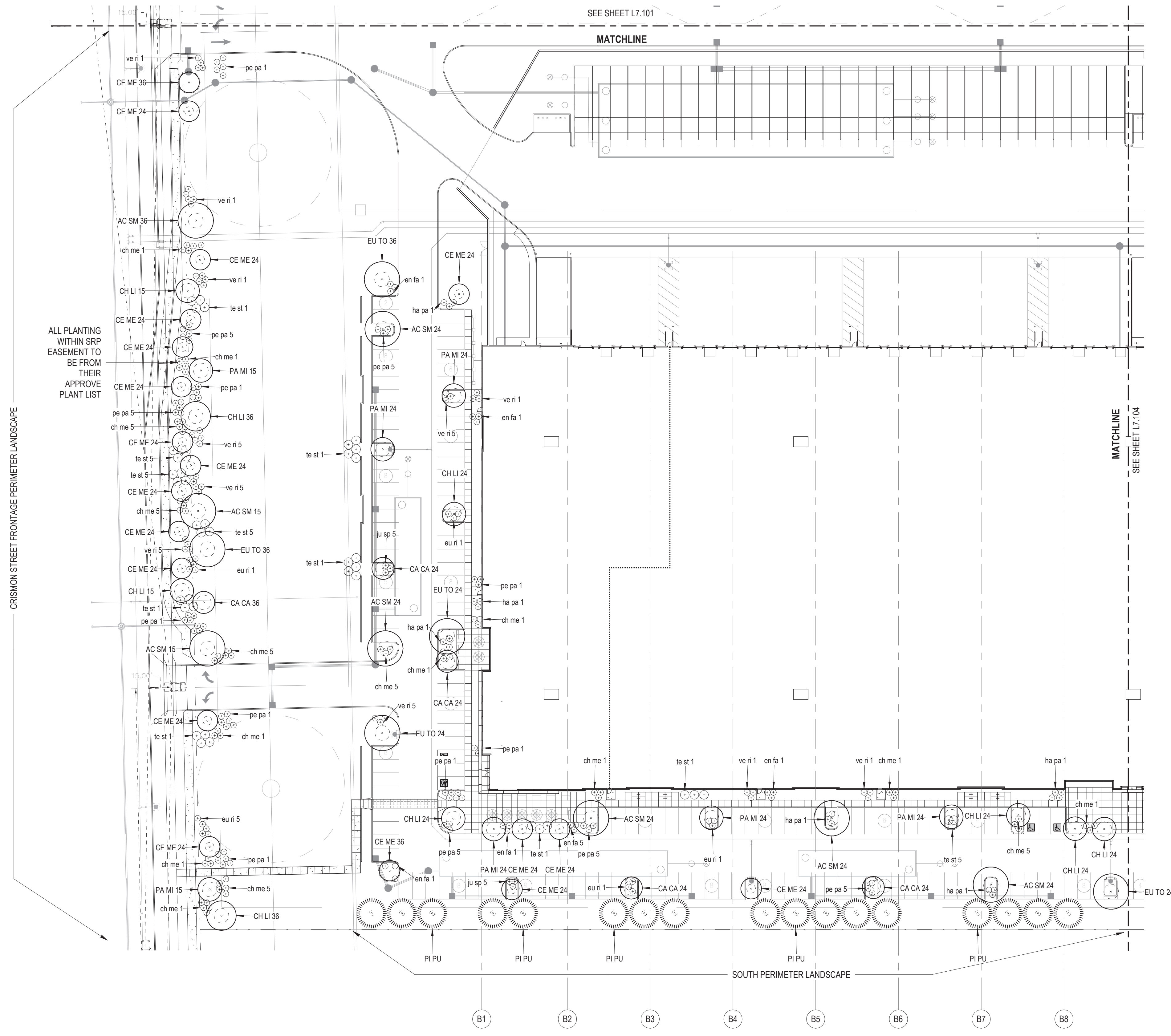
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AC SM 36	Acacia smallii		Sweet Acacia	36" BOX
CA CA 24	Caesalpinia cacalaco	'Smoothie'	Thornless Cascalote	24" BOX
CA CA 36	Caesalpinia cacalaco	'Smoothie'	Thornless Cascalote	36" BOX
CE ME 24	Cercis mexicana		Mexican Redbud	24" BOX
CE ME 36	Cercis mexicana		Mexican Redbud	36" BOX
CH LI 15	Chilopsis Linearis		Desert Willow	15 GAL.
CH LI 24	Chilopsis Linearis		Desert Willow	24" BOX
CH LI 36	Chilopsis Linearis		Desert Willow	36" BOX
EU TO 24	Eucalyptus torquata		Coral Gum	24" BOX
EU TO 36	Eucalyptus torquata		Coral Gum	36" BOX
PA MI 15	Parkinsonia microphylla		Foothill Palo Verde	15 GAL.
PA MI 24	Parkinsonia microphylla		Foothill Palo Verde	24" BOX
PA MI 36	Parkinsonia microphylla		Foothill Palo Verde	36" BOX
PI PU	Pinus cembroides		Mexican Pinon Pine	15 GAL.

SHRUB LEGEND

Code	Botanical Name	Cultivar	Common Name	Size
ch me 1	Chrysactinia mexicana		Damianita Daisy	1 Gal
ch me 5	Chrysactinia mexicana		Damianita Daisy	5 Gal.
en fa 1	Encelia farinosa		Brittlebush	1 Gal.
en fa 5	Encelia farinosa		Brittlebush	5 Gal.
eu ri 1	euphorbia rigida		Gopher Plant	1 Gal
eu ri 5	euphorbia rigida		Gopher Plant	5 Gal.
ha pa 1	Hamelia patens	'Sierra Red'	Fire Bush	1 Gal
ha pa 5	Hamelia patens	'Sierra Red'	Fire Bush	5 Gal.
ju sp 1	Justicia spicigera		Mexican Honeysuckle	1 Gal
ju sp 5	Justicia spicigera		Mexican Honeysuckle	5 Gal.
pe pa 1	Penstemon parryi		Parry's Penstemon	1 Gal
pe pa 5	Penstemon parryi		Parry's Penstemon	5 Gal.
te st 1	Tecoma stans	'Gold Star'	Yellow Bells	1 Gal
te st 5	Tecoma stans	'Gold Star'	Yellow Bells	5 Gal.
ve ri 1	verbena rigida		Sandpaper Verbena	1 Gal
ve ri 5	verbena rigida		Sandpaper Verbena	5 Gal.

NOTE: NUMBER IN PLANT CODE INDICATED PLANT SIZE, NOT QUANTITY.



1 PLANTING PLAN - AREA C
1" = 40'-0"

CLAYCO
THE ART & SCIENCE OF BUILDING
2199 INNERBELT BUSINESS CENTER DRIVE
ST. LOUIS, MISSOURI 63114
Ph: 314.429.3137

Lamar Johnson Collaborative
2199 INNERBELT BUSINESS CENTER DRIVE
ST. LOUIS, MISSOURI 63114
Ph: 314.429.1010



CRG INTEGRATED REAL ESTATE SOLUTIONS

CUBES AT MESA - BUILDING B
E PECOS RD & S CRISMON RD, MESA, AZ 85212

DRAWING ISSUE

DESCRIPTION	DATE
DESIGN REVIEW	03.21.2022
1st REVIEW COMMENTS	04/22/2022

DRAWING TITLE
PLANTING PLAN - AREA C

DRAWING NO.
L7.103

Job # 20.005838

CITY OF MESA GENERAL NOTES FOR LANDSCAPE PLAN

- 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 NURSEYMEN. 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.

TREE LEGEND				
Code	Botanical Name	Cultivar	Common Name	Size

AC SM 15	Acacia smallii		Sweet Acacia	15 GAL.
AC SM 24	Acacia smallii		Sweet Acacia	24" BOX
AC SM 36	Acacia smallii		Sweet Acacia	36" BOX
CA CA 24	Caesalpinia cacalaco	'Smoothie'	Thornless Cascadote	24" BOX
CA CA 36	Caesalpinia cacalaco	'Smoothie'	Thornless Cascadote	36" BOX
CE ME 24	Cercis mexicana		Mexican Redbud	24" BOX
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CH LI 15	Chilopsis Linearis		Desert Willow	15 GAL.
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CH LI 36	Chilopsis Linearis		Desert Willow	36" BOX
EU TO 24	Eucalyptus torquata		Coral Gum	24" BOX
EU TO 36	Eucalyptus torquata		Coral Gum	36" BOX
PA MI 15	Parkinsonia microphylla		Foothill Palo Verde	15 GAL.
PA MI 24	Parkinsonia microphylla		Foothill Palo Verde	24" BOX
PA MI 36	Parkinsonia microphylla		Foothill Palo Verde	36" BOX
PI PU	Pinus cembroides		Mexican Pinon Pine	15 GAL.

SHRUB LEGEND				
Code	Botanical Name	Cultivar	Common Name	Size

ch me 1	Chrysactinia mexicana		Damianita Daisy	1 Gal.
ch me 5	Chrysactinia mexicana		Damianita Daisy	5 Gal.
en fa 1	Encelia farinosa		Brittlebush	1 Gal.
en fa 5	Encelia farinosa		Brittlebush	5 Gal.
eu ri 1	euphorbia rigida		Copher Plant	1 Gal.
eu ri 5	euphorbia rigida		Copher Plant	5 Gal.
ha pa 1	Hamelia patens	'Sierra Red'	Fire Bush	1 Gal.
ha pa 5	Hamelia patens	'Sierra Red'	Fire Bush	5 Gal.
ju sp 1	Justicia spicigera		Mexican Honeysuckle	1 Gal.
ju sp 5	Justicia spicigera		Mexican Honeysuckle	5 Gal.
pe pa 1	Penstemon parryi		Parry's Penstemon	1 Gal.
pe pa 5	Penstemon parryi		Parry's Penstemon	5 Gal.
te st 1	Tecoma stans	'Gold Star'	Yellow Bells	1 Gal.
te st 5	Tecoma stans	'Gold Star'	Yellow Bells	5 Gal.
ve ri 1	verbena rigida		Sandpaper Verbena	1 Gal.
ve ri 5	verbena rigida		Sandpaper Verbena	5 Gal.

NOTE: NUMBER IN PLANT CODE INDICATED PLANT SIZE, NOT QUANTITY.

CLAYCO
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2199 INNERBELT BUSINESS CENTER DRIVE
ST. LOUIS, MISSOURI 63114
Ph: 314.429.3137

Lamar Johnson Collaborative
2199 INNERBELT BUSINESS CENTER DRIVE
ST. LOUIS, MISSOURI 63114
Ph: 314.429.1010

PROFESSIONAL LANDSCAPE ARCHITECT
CERTIFICATE NO. 70418
MATTHEW MARANZANA
03.21.2022

CRG INTEGRATED REAL ESTATE SOLUTIONS

CUBES AT MESA - BUILDING B
E PECOS RD & S CRISMON RD, MESA, AZ 85212

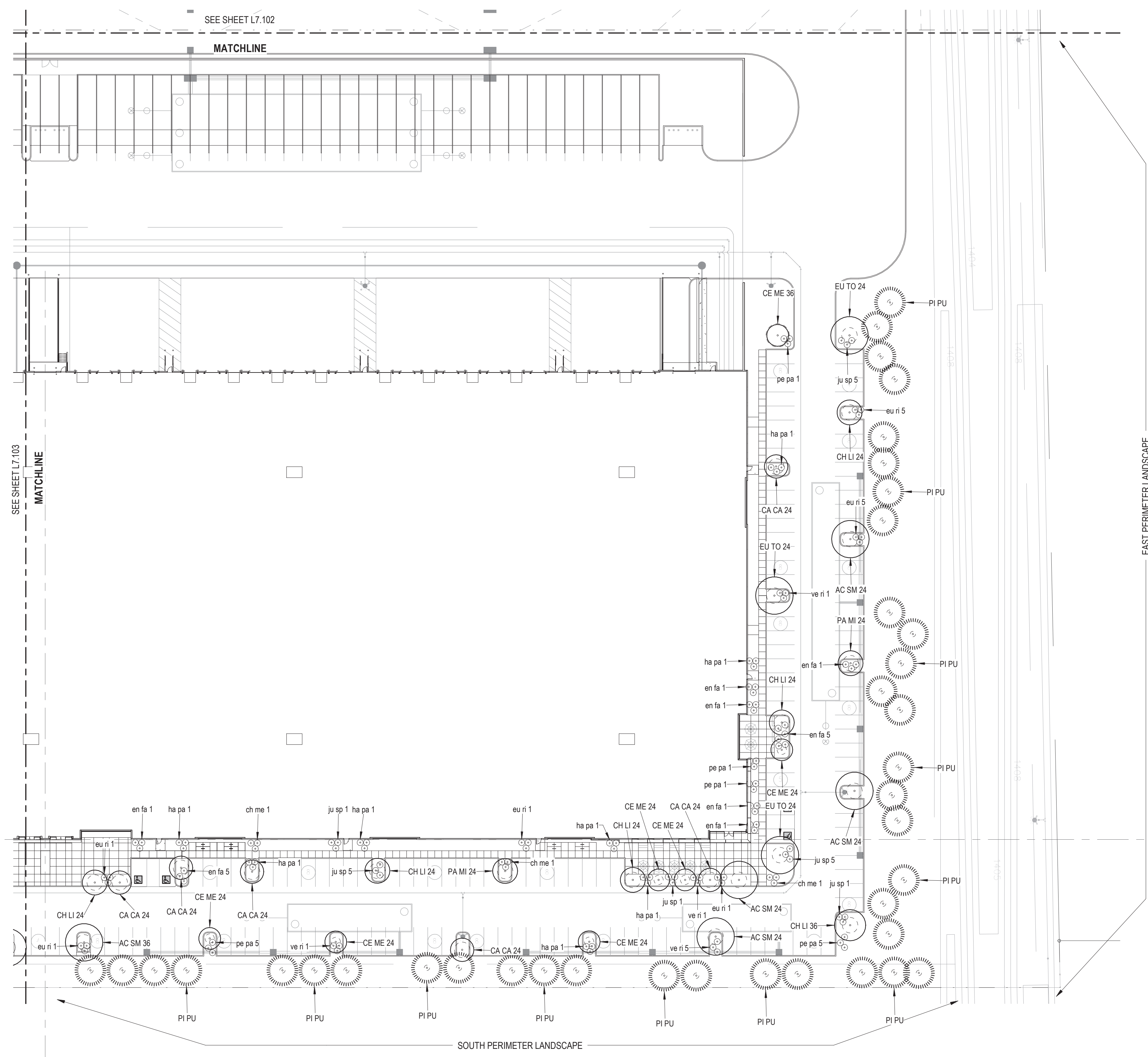
DRAWING ISSUE

DESCRIPTION	DATE
DESIGN REVIEW	03.21.2022
1st REVIEW COMMENTS	04/22/2022

DRAWING TITLE
PLANTING PLAN - AREA D

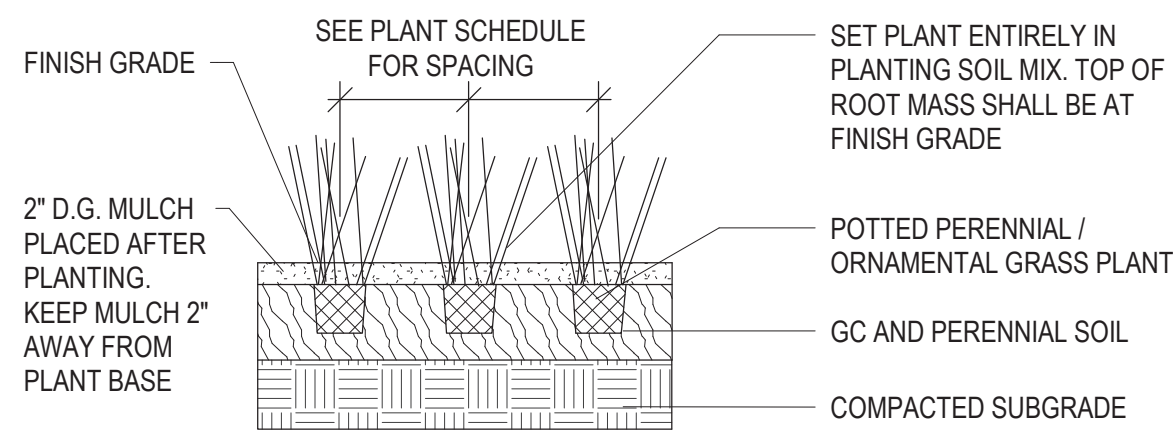
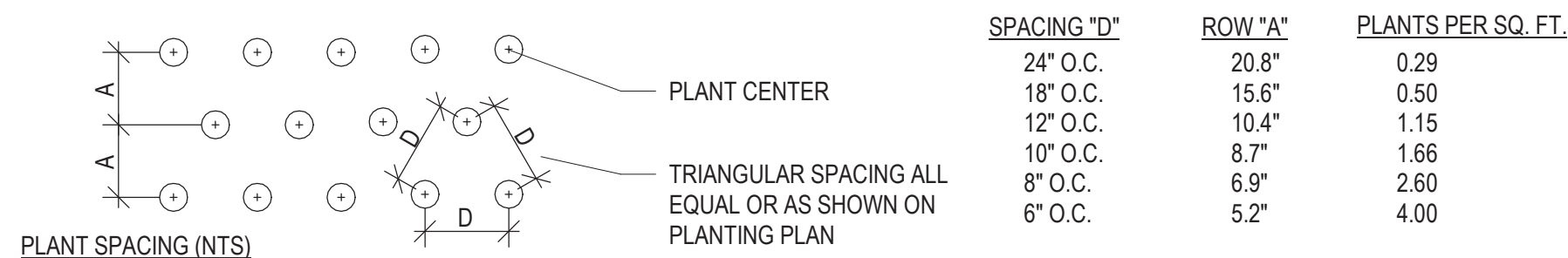
DRAWING NO.
L7.104

Job # 20.005838

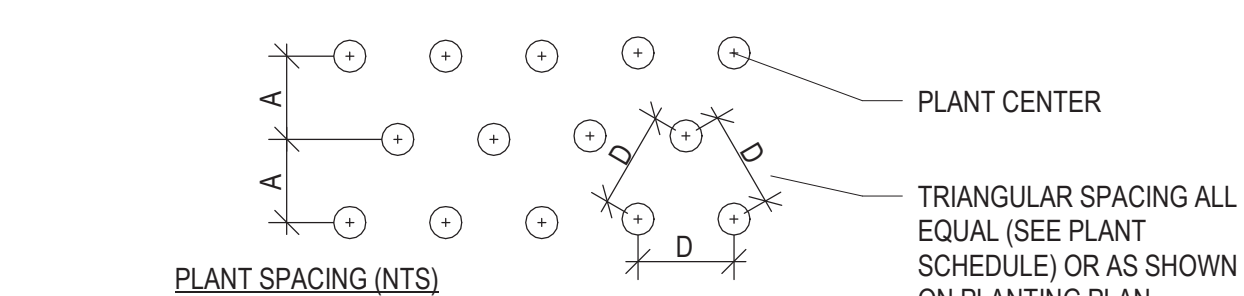


PLANTING PLAN - AREA D
1
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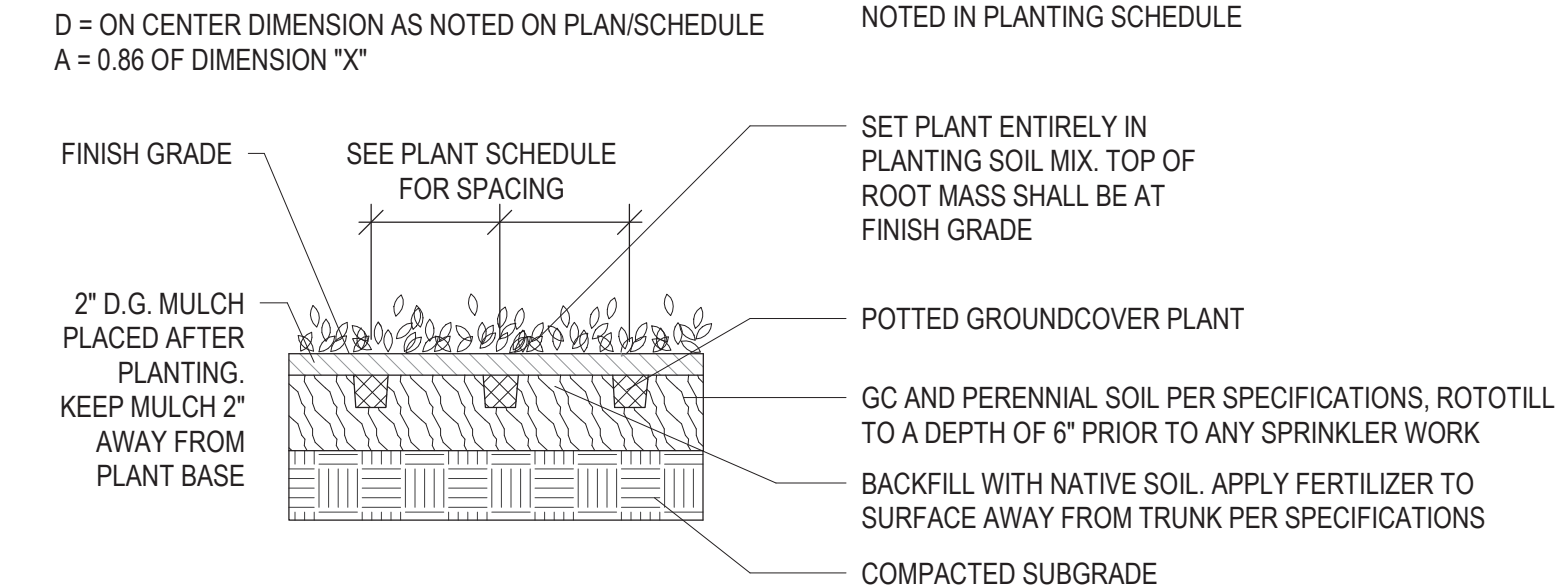
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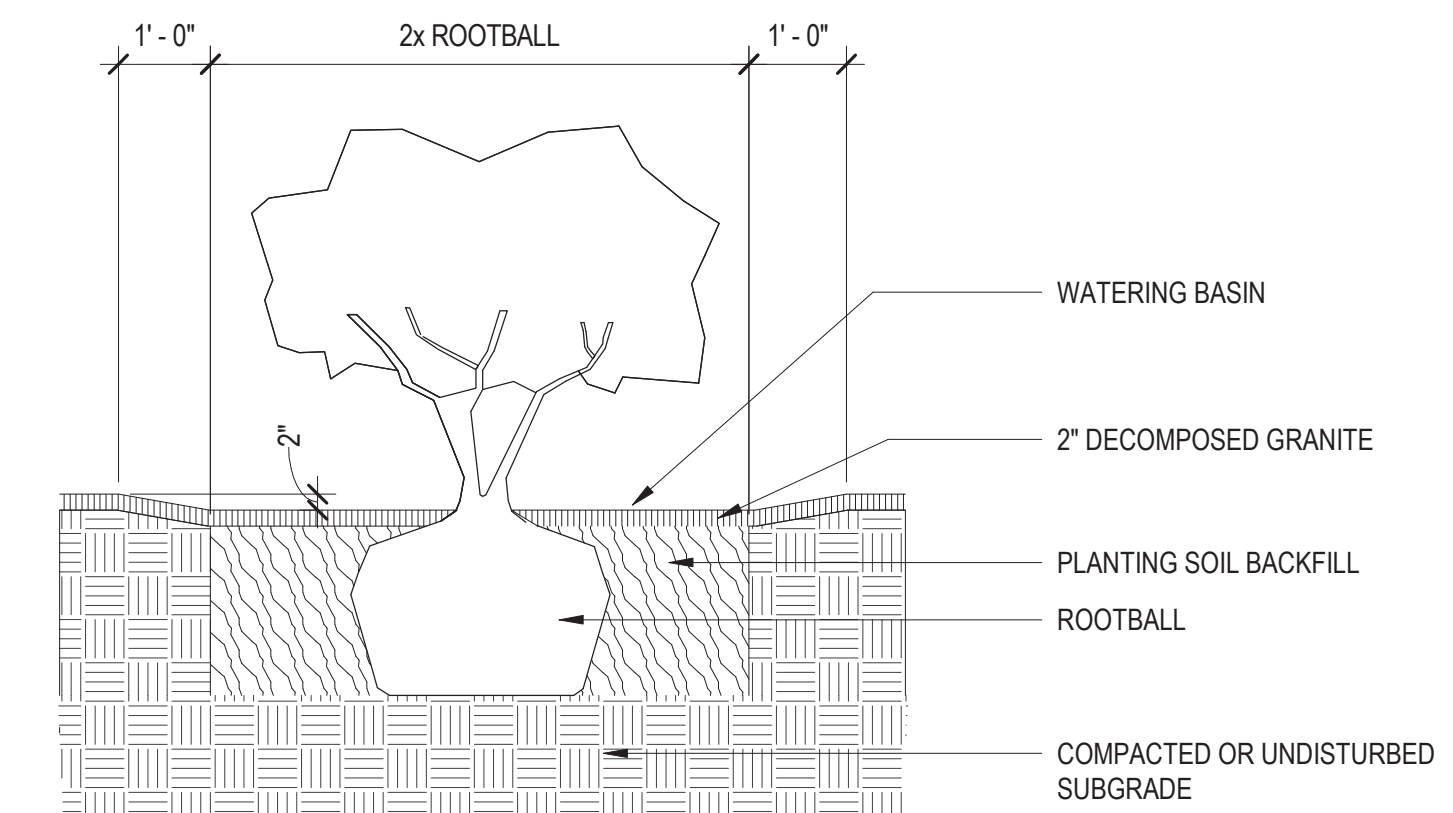
E4 PERENNIAL AND GRASS PLANTING
L7.301 1/2" = 1'-0"



SPACING "D"	ROW "A"	PLANTS PER SQ. FT.
12" O.C.	10.4"	1.15
10" O.C.	8.7"	1.66
8" O.C.	6.9"	2.60
6" O.C.	5.2"	4.00



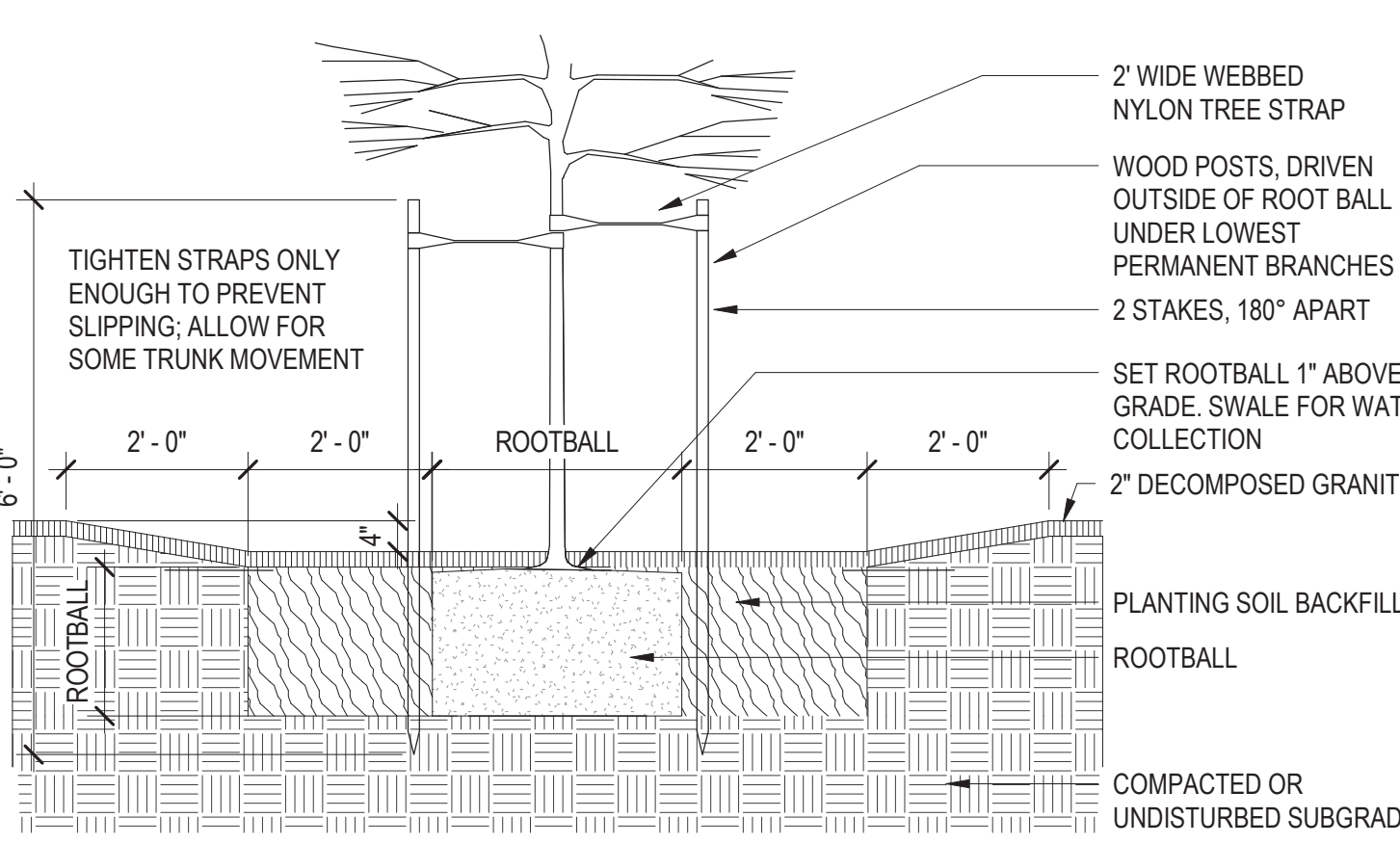
C4 GROUND COVER PLANTING
L7.301 1/2" = 1'-0"



CENTER SHRUB IN PLANTING PIT. DO NOT OVER-EXCAVATE FOR DEPTH OF PLANTING PIT TO AVOID SETTLING. FERTILIZER: 16-20-0 AMMONIUM PHOSPHATE FOR NON-DESERT PLANTS. MIX INTO BACKFILL. DO NOT SPREAD ON TOP OF SOIL.

- NOTES:
1. PLANT PITS SHALL NOT BE AUGER DUG. SIDES OF PIT SHALL BE RAKED TO LOOSEN PRIOR TO SETTING SHRUB IN PITS.
 2. GENTLY LOOSEN ROOTS AROUND EXTERIOR OF ROOTBALL.
 3. DO NOT PLANT ROOT BOUND PLANTS. NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY TO VERIFY CONDITION OF PLANT IF ANY QUESTION.
 4. REMOVE ENTIRE CONTAINER FROM ALL PLANTS PRIOR TO PLANTING.
 5. DO NOT PRUNE NEW PLANTS WITHOUT LANDSCAPE ARCHITECT APPROVAL/DIRECTION.

B4 SHRUB PLANTING
L7.301 1/2" = 1'-0"



- GENERAL NOTES:
1. TREES TO BE STAKED ONLY AS SPECIFIED, SEE PLANT SCHEDULE.
 2. STAKES SHALL BE REMOVED NO LATER THAN THE END OF FIRST GROWING SEASON AFTER PLANTING.

- PLANTING NOTES:
1. SIDES OF PLANTING PITS ARE TO BE LOOSENED OR RAKED BEFORE SETTING TREE IN PIT.
 2. EXCAVATE DEPTH OF PLANTING PIT TO THE SAME DEPTH AS THE ROOTBALL.
 3. THE WIDTH OF THE PLANTING PIT SHALL BE 2X THE WIDTH OF THE ROOTBALL.
 4. GENTLY LOOSEN ROOTS AROUND THE EXTERIOR OF ROOTBALL.
 5. CENTER TREE IN PLANTING PIT.
 6. INSPECT ROOT BALLS AT POINT OF PURCHASE TO AVOID PURCHASE OF ROOTBOUND MATERIALS.
 7. REMOVE ENTIRE CONTAINER FROM ALL PLANTS PRIOR TO PLANTING.
 8. NEW TREES SHALL NOT BE PRUNED UNLESS DIRECTED BY OWNER.
 9. FORM SWALE AROUND EACH TREE AS SHOWN FOR WATER COLLECTION.
 10. REMOVE ALL NURSERY STAKES.

- BACKFILL NOTES:
1. PROVIDE MULCH AMENDMENT WITH BACKFILL FOR ALL NON-DESERT TREES.
 2. BACKFILL MIX SHALL CONSIST OF 3 PARTS NATIVE SOIL TO 1 PART MULCH. PROVIDE 1 CUP GYPSUM IN BOTTOM OF PLANTING PIT.
 3. INCLUDE 16-20-0 AMMONIUM PHOSPHATE FERTILIZER IN PLANTING PIT FOR NON-DESERT TREES. MIX INTO BACKFILL. DO NOT SPREAD ON TOP OF SOIL.

- STAKING NOTES:
1. USE 2-2" DIA. LODGE POLE STAKES-DOUGLAS FIR OR APPROVED HARDWOOD.
 2. DRIVE STAKE MIN. 12" INTO FIRM UNDISTURBED SOIL BELOW THE EXCAVATED DEPTH.
 3. PLACE STAKES OUTSIDE THE ROOTBALL.
 4. HEIGHT OF STAKE MAY VARY DEPENDING ON NEED FOR SUPPORT.
 5. PLACE THE TOP TIE FOR MAXIMUM SUPPORT. THE BOTTOM TIE SHOULD BE APPROXIMATELY HALFWAY BETWEEN THE TOP TIE AND THE GROUND.
 6. ALWAYS PLACE STAKE TO PREVENT DAMAGE TO TREE AND CAMBIAUM.

- MISC. NOTES:
1. REMOVE ALL PLASTIC TREE TIE TAPE, BAMBOO NURSERY STAKE, WIRE TIES, AND LABELS FROM TREES AFTER THEY HAVE BEEN APPROVED.
 2. BACKFILL ANY HOLES LEFT IN ROOTBALL FROM NURSERY STAKES. BACKFILL SHALL BE CLEAN SOIL, NOT D.G.
 3. SWALE SHALL BE A SMOOTH TRANSITION- NO ABRUPT GRADE CHANGES.
 4. SWALE SHALL BE TESTED FOR WATER HOLDING CAPACITY PRIOR TO PLACING D.G.
 5. PROVIDE ADDITIONAL WIRE HOSE TIE WHEN THE TREE IS NOT RIGIDLY SUPPORTED BY THE TWO REQUIRED SUPPORTS.
 6. 2" D.G. TOP LAYER ALSO SUITABLE.

B1 TREE PLANTING AND STAKING - SINGLE TRUNK
L7.301 1/2" = 1'-0"

ORDINANCE REQUIREMENTS

BUILDING A			BUILDING B		
11-33-3 - PERIMETER LANDSCAPING - STREET FRONTAGE					
(1) SHADE TREES / 25 LF - 25% 36" BOX, 50% 24" BOX, 25% 15-GAL. + (6) SHRUBS / 25 LF - 50% 5-GAL, 50% 1-GAL.					
STREET FRONTAGE - NORTH 1300'	REQUIRED TREES 52	REQUIRED SHRUBS 312	STREET FRONTAGE 600'	REQUIRED TREES 24	REQUIRED SHRUBS 144
	PROPOSED TREES (13) 36" BOX (26) 24" BOX (13) 15-GAL.	PROPOSED SHRUBS (156) 5-GAL. (156) 1-GAL.		PROPOSED TREES (6) 36" BOX (12) 24" BOX (6) 15-GAL.	PROPOSED SHRUBS (77) 5-GAL. (77) 1-GAL.
STREET FRONTAGE - WEST 650'	REQUIRED TREES 26	REQUIRED SHRUBS 156			
	PROPOSED TREES (7) 36" BOX (13) 24" BOX (6) 15-GAL.	PROPOSED SHRUBS (78) 5-GAL. (78) 1-GAL.			
11-33-3 - PERIMETER LANDSCAPING - SIDE YARD					
(3) NON-DECIDUOUS TREES / 100 LF - 100% 15-GAL. FOR INDUSTRIAL + (20) SHRUBS / 100 LF WHEN VISIBLE FROM PARKING/DRIVE - 100% 1-GAL.					
FRONTAGE - EAST 680'	REQUIRED TREES 21	REQUIRED SHRUBS 60 - ASSUMES 300 LF VISIBLE FROM ROAD	FRONTAGE - EAST 608'	REQUIRED TREES 19	REQUIRED SHRUBS 0 - NOT VISIBLE FROM ROAD
	PROPOSED TREES (21) 15-GAL.	PROPOSED SHRUBS (60) 1-GAL.		PROPOSED TREES (19) 15-GAL.	PROPOSED SHRUBS (0)
11-33-4 - INTERIOR PARKING LOT LANDSCAPING					
(1) SHADE TREES / ISLAND - 10% 36" BOX, 90% 24" BOX + (3) SHRUBS / ISLAND - 50% 5-GAL, 50% 1-GAL.					
PARKING ISLANDS 48	REQUIRED TREES 49	REQUIRED SHRUBS 147	PARKING ISLANDS 46	REQUIRED TREES 45	REQUIRED SHRUBS 135
	PROPOSED TREES (5) 36" BOX (44) 24" BOX	PROPOSED SHRUBS (73) 1-GAL. (74) 5-GAL.		PROPOSED TREES (5) 36" BOX (40) 24" BOX	PROPOSED SHRUBS (67) 1-GAL. (68) 5-GAL.
11-33-5 - FOUNDATION LANDSCAPING					
(1) SHADE TREES / 50 LF OF EXTERIOR WALL - 10% 36" BOX, 90% 24" BOX + SHRUBS FOR 33% OF WALL LENGTH - 100% 1-GAL.					
BUILDING LENGTH 1560' TOTAL ALONG EAST, NORTH AND WEST FACADES	REQUIRED TREES 31	REQUIRED SHRUBS 166 ASSUMES 3' PER SHRUB = 497 LF	BUILDING LENGTH 1560' TOTAL ALONG EAST, SOUTH AND WEST FACADES	REQUIRED TREES 31	REQUIRED SHRUBS 166 ASSUMES 3' PER SHRUB = 497 LF
	PROPOSED TREES (20) IN ADJACENT PARKING ISLANDS (11) 24" BOX	PROPOSED SHRUBS (60) IN ADJACENT PARKING ISLANDS (106) 1-GAL.		PROPOSED TREES (20) IN ADJACENT PARKING ISLANDS (11) 24" BOX	PROPOSED SHRUBS (60) IN ADJACENT PARKING ISLANDS (106) 1-GAL.

WEST & EAST FOUNDATION LANDSCAPE AREAS (BOTH BUILDINGS A AND B):
330 LF FRONTAGE (INCLUDES CORNER LANDSCAPE AREA)
30 FT BASE = 75LF = 22% OF FRONTAGE X 30FT = 6.6FT
27 FT BASE = 18LF = 5% OF FRONTAGE X 27FT = 1.35 FT
12 FT BASE = 255LF = 73% OF FRONTAGE X 12FT = 8.7 FT
FOUNDATION BASE AVERAGE DEPTH = 16.65 FT > 15 FEET MINIMUM

NORTH FOUNDATION (BUILDING A) & SOUTH FOUNDATION (BUILDING B) LANDSCAPE AREAS:
900 LF FRONTAGE
30 FT BASE = 344LF = 32% OF FRONTAGE X 30FT = 9.6 FT
27 FT BASE = 54LF = 6% OF FRONTAGE X 27FT = 1.62 FT
12 FT BASE = 556LF = 62% OF FRONTAGE X 12FT = 7.44 FT
AVERAGE 11.4 + 7.44 = 18.66 FT > 15 FEET MINIMUM

PLANT SCHEDULE

TREES							
Type Mark	Count	Botanical Name	Cultivar	Common Name	Method	Size	Comments
AC SM 15	9	Acacia smallii		Sweet Acacia	Container	15 GAL.	
AC SM 24	21	Acacia smallii		Sweet Acacia	Container	24" BOX	
AC SM 36	7	Acacia smallii		Sweet Acacia	Container	36" BOX	
CA CA 24	28	Caesalpinia cacalaco	'Smoothie'	Thornless Cascalote	Container	24" BOX	
CA CA 36	5	Caesalpinia cacalaco	'Smoothie'	Thornless Cascalote	Container	36" BOX	
CE ME 24	40	Cercis mexicana		Mexican Redbud	Container	24" BOX	
CE ME 36	5	Cercis mexicana		Mexican Redbud	Container	36" BOX	
CH LI 15	7	Chilopsis linearis		Desert Willow	Container	15 GAL.	
CH LI 24	37	Chilopsis linearis		Desert Willow	Container	24" BOX	
CH LI 36	7	Chilopsis linearis		Desert Willow	Container	36" BOX	
EU TO 24	17	Eucalyptus torquata		Coral Gum	Container	24" BOX	
EU TO 36	5	Eucalyptus torquata		Coral Gum	Container	36" BOX	
PA MI 15	6	Parkinsonia microphylla		Foothill Palo Verde	Container	15 GAL.	
PA MI 24	21	Parkinsonia microphylla		Foothill Palo Verde	Container	24" BOX	
PA MI 36	4	Parkinsonia microphylla		Foothill Palo Verde	Container	36" BOX	
PI PU	76	Pinus cembroides		Mexican Pinon Pine	Container	15 GAL.	NON-DECIDUOUS

SHRUBS							
Code	Count	Botanical Name	Cultivar	Common Name	Method	Size	Landscape Comments
ch me 1	114	Chrysactinia mexicana		Damianita Daisy	Container	1 Gal	
ch me 5	46	Chrysactinia mexicana		Damianita Daisy	Container	5 Gal.	
en fa 1	82	Encelia farinosa		Brittlebush	Container	1 Gal	
en fa 5	49	Encelia farinosa		Brittlebush	Container	5 Gal.	
eu ri 1	81	euphorbia rigida		Gopher Plant	Container	1 Gal	
eu ri 5	46	euphorbia rigida		Gopher Plant	Container	5 Gal.	
ha pa 1	69	Hamelia patens	'Sierra Red'	Fire Bush	Container	1 Gal	
ha pa 5	3	Hamelia patens	'Sierra Red'	Fire Bush	Container	5 Gal.	
ju sp 1	39	Justicia spicigera		Mexican Honeysuckle	Container	1 Gal	
ju sp 5	30	Justicia spicigera		Mexican Honeysuckle	Container	5 Gal.	
pe pa 1	107	Penstemon parryi		Parry's Penstemon	Container	1 Gal	
pe pa 5	98	Penstemon parryi		Parry's Penstemon	Container	5 Gal.	
te st 1	156	Tecoma stans	'Gold Star'	Yellow Bells	Container	1 Gal	
te st 5	64	Tecoma stans	'Gold Star'	Yellow Bells	Container	5 Gal.	
ve ri 1	123	verbena rigida		Sandpaper Verbena	Container	1 Gal	
ve ri 5	81	verbena rigida		Sandpaper Verbena	Container	5 Gal.	

NOTE: NUMBER IN PLANT CODE INDICATED PLANT SIZE, NOT QUANTITY.

PLANTING NOTES

1. CONTRACTOR IS RESPONSIBLE FOR ALL RELATED EXISTING CONDITIONS, PIPES AND STRUCTURES, ETC. PRIOR TO BIDDING AND CONSTRUCTION.
2. REF. SPECIFICATIONS AND DETAILS FOR PLANTING METHODS, REQUIREMENTS, SOIL TESTING, MATERIALS, EXECUTION AND PLAN PROTECTION.
3. PLANT NAMES MAY BE ABBREVIATED ON DRAWINGS. REFER TO PLANTING SCHEDULE AND LEGENDS FOR SYMBOLS, ABBREVIATIONS, BOTANICAL AND COMMON NAMES, SIZES, ESTIMATED QUANTITIES AND OTHER REMARKS.
4. WHERE PROVIDED, AREA TAKEOFFS AND PLANT QUANTITY ESTIMATES IN PLANTING SCHEDULE ARE FOR INFORMATION ONLY. CONTRACTOR IS RESPONSIBLE TO DO THEIR OWN QUANTITY TAKEOFFS FOR ALL PLANT MATERIAL AND SIZES SHOWN ON THE DRAWINGS. IN CASE OF DISCREPANCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR CLARIFICATION.
5. CONTRACTOR IS RESPONSIBLE TO 'RESTORE' ALL AREAS OF THE SITE, OR ADJACENT AREAS, WHERE DISTURBED TO A CONDITION THAT MEETS OR EXCEEDS THE CONDITIONS PRIOR TO THE DISTURBANCE.
6. ALL PLANTS SHALL BE GUARANTEED FOR ONE FULL YEAR FROM THE SUBSTANTIAL COMPLETION OF THE LANDSCAPE CONTRACT AT FULL REPLACEMENT VALUE INCLUDING LABOR TO REPLACE PLANT MATERIALS.
7. ALL PLANT MATERIAL SHALL BE OF SPECIMEN QUALITY AND OF THE SIZE AND TYPE SPECIFIED IN THE PLANT SCHEDULE.
8. THE SITE SHALL BE FINISH GRADED BY THE LANDSCAPE CONTRACTOR. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN FINISHED GRADES AND RE-GRADE ANY AREAS DISTURBED BY LANDSCAPE OPERATIONS.
9. ANY CLEAN EXCESS SOIL FROM LANDSCAPE OPERATIONS SHALL BE WASTED ON SITE AT THE DISCRETION OF THE CONTRACTOR OR DISPOSED OF OFF SITE. ALL CONSTRUCTION DEBRIS FROM LANDSCAPE OPERATIONS SHALL BE DISPOSED OF OFF SITE.
10. ALL PLANTING AREAS MUST BE FREE OF ALL WEEDS AND DEBRIS BEFORE PLANTING, SODDING, AND/OR SEEDING.
11. ALL LANDSCAPE MATERIALS INSTALLED SHALL BE MAINTAINED BY OWNER OR LEASEE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN.
12. ALL NON-PAVED AREAS WITHIN SITE BOUNDARIES SHALL BE COVERED IN 1/2" DECOMPOSED GRANITE, AT 2" DEPTH PER ZONING ORDINANCE. A PRE-EMERGENT HERBICIDE SHALL BE APPLIED TO THE GROUND PRIOR TO PLACEMENT OF DECOMPOSED GRANITE TO PREVENT WEED GROWTH.
13. SIGHT TRIANGLES AT INTERSECTIONS TO BE KEPT CLEAR OF TREES AND TALL SHRUBS.
14. NO SHRUBS WITH A MATURE HEIGHT OF 3' OR GREATER TO BE INSTALLED WITHIN 10' OF CURB ON R.O.W.
15. ALL TREES SHALL COMPLY WITH LATEST AMENDED EDITION OF THE A.N.A. RECOMMENDED TREE SPECIFICATIONS.
16. SEE CIVIL FOR SIGNAGE

CLAYCO
THE ART & SCIENCE OF BUILDING
2199 INNERBELT BUSINESS CENTER DRIVE
ST. LOUIS, MISSOURI 63114
PH: 314.429.3137

Lamar Johnson Collaborative
2199 INNERBELT BUSINESS CENTER DRIVE
ST. LOUIS, MISSOURI 63114
PH: 314.429.1010



CRG INTEGRATED REAL ESTATE SOLUTIONS

CUBES AT MESA - BUILDING A
E PECOS RD & S CRISMON RD, MESA, AZ 85212

DRAWING ISSUE	
DESCRIPTION	DATE
DESIGN REVIEW	03.21.2022
1st REVIEW COMMENTS	04/22/2022
DRAWING TITLE PLANTING DETAILS AND SCHEDULE	
DRAWING NO. L7.301	
Job #	20.005838