PALM HARBOR ESTATES LANDSCAPE PLAN

05.11.2023

TABLE OF ABBREVIATIONS **APPROXIMATE** POINT, POINT OF TANGENCY **ARCHITECT** POLYVINYL CHLORIDE **AVERAGE** PAVEMENT **BOTTOM OF CURB PAVER** BOTTOM OF FOOTING QTY QUANTITY **RADIUS** BENCHMARK RECEPTACLE **BACK OF CURB** REFERENCE **BOTTOM OF RAMP** REINFORCE(D **BOTTOM OF STEP** REQUIRED REVISION, REVISED RIGHT OF WAY CF CUBIC FEET SCHEDULE STORM DRAIN CAST IN PLACE SECTION CONTROL JOIN SF SQUARE FOOT (FEET) SHEET **CENTER LINE** STORM INLET CLEARANCE CLEAN OUT **SPECIFICATIONS** COMPACTED CONCRETE **SQUARE** CONTINUOUS STORM SEWER SQUARE YARD CUBIC YARD STATION DBL DOUBLE STANDARD DEGREE DIA DIAMETER TOP AND BOTTOM DIM **DIMENSION** TOP OF BACK CURB DTL DETAIL TOP OF CURB DWG DRAWING TF TOP OF FOOTING EΑ THK THICK TOP OF **EXPANSION JOINT** ELEC ELECTRICAL TOP OF CONCRETE ENG **ENGINEER** TOPO TOPOGRAPHY EQ TSL TOP OF SLAB **EQUIPMENT** EQUIP **TRANSFORMER** TOP OF RAMP **EXIST EXISTING** EXP TOP OF STEP EXPANSION, EXPOSED FINISHED FLOOR ELEV. TOP OF WALL FG **TYPICAL** FINISHED GRADE FIN VARIES FINISH VERTICAL FLOW LINE FACE OF CURB W/ W/O FOOT (FEET) WITHOUT FOOTING WEIR LEVEL GΑ GAUGE WELDED WIRE FABRIC GALVANIZED YARD GC GENERAL CONTRACTOR ΑT GEN GENERAL HORIZ HORIZONTAL HP **HIGH POINT** HEIGHT **INSIDE DIAMETER** INV INVERT ELEVATION INCH(ES) INCL INCLUDE(D) INL INLET IRR **IRRIGATION** JOINT LIN LINEAR LINEAR FEET **LOW POINT** LIGHT MATL MATERIAL **MANHOLE** MIN MINIMUM MISC MISCELLANEOUS MTL METAL NORTH NIC NOT IN CONTRACT NO NUMBER NTS NOT TO SCALE ON CENTER OD OUTSIDE DIAMETER PARALLEL POINT OF CURVATURE

PERF

PED

PERFORATED

PROPERTY LINE

POINT OF INTERSECTION

PEDESTRIAN

CITY OF MESA GENERAL LANDSCAPE NOTES

(REVISED 02-15-18) (2018 VERSION)

- 1. LANDSCAPE CONTRACTOR SHALL CONFIRM LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION AND SHALL BE RESPONSIBLE FOR THE FOLLOWING:
 - A. DAMAGES TO SUCH UTILITIES CAUSED AS A RESULT OF THE CONTRACTOR'S ACTIVITIES
 - B. DAMAGES TO EXISTING WALKS, WALLS, DRIVES, CURBS, ETC.
- C. INSPECTING THE SITE IN ORDER TO BE FULLY AWARE OF EXISTING CONDITIONS PRIOR TO SUBMITTING A BID.
- 2. INSTALLATION OF ALL LANDSCAPE AND IRRIGATION MATERIALS SHALL COMPLY WITH SECTIONS 424, 425, 757, AND 795 OF THE MAG STANDARD SPECIFICATIONS.
- 3. CONTRACTOR SHALL REPAIR ANY DAMAGE MADE TO THE EXISTING SPRINKLER SYSTEM TO THE SATISFACTION OF THE CITY AT NO ADDITIONAL COST TO THE CITY.
- 4. LANDSCAPE REMOVAL IS A NON-PAY ITEM UNLESS OTHERWISE NOTED
- 5. 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).
- 6. 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.
- 7. 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.
- 8. 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
- 9. PLANT PITS SHALL BE INSPECTED BY CITY PRIOR TO PLANTING BY THE CONTRACTOR BY REQUESTING AN INSPECTION 48
- 10.ROUGH AND FINE GRADING TO ESTABLISH UNIFORM SMOOTH GRADE IS INCLUDED IN THIS PROJECT.
- 11.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.
- 12.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.
- 13.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.
- 14.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.
- 15.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.
- 16.CONTRACTOR TO VERIFY DEPTH OF ALL INLET STRUCTURES AND SPRINKLER SYSTEMS PRIOR TO TRENCHING FOR
- LOW-FLOW CHANNEL.
- 17.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.
- 18.CONTRACTOR SHALL ARRANGE FOR SPRINKLER SYSTEM SHUTDOWN DURING CONSTRUCTION BY CONTACTING THE ENGINEERING INSPECTOR.
- 19.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.
- 20. 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.
- 21. 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.

- 22. 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
- 23. ALL RESTORATION WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE REFERENCED DETAILS AND ANY ADDITIONAL DETAILS PROVIDED.
- 24. REFER TO LANDSCAPE PLANTING SHEETS AND ENGINEERING DRAWINGS FOR ADDITIONAL RESTORATION NOTES AND REQUIRED COORDINATION.

1,013 LF DIVIDED BY FOUR (4) TREES & TWENTY FOUR (24)	(11 - 36" BOX /33 - 24" BOX)	28 SHRUBS
SHRUBS PER 100 LF		
EXISTING CONDITIONS CANNOT ACCOMMODATE MZO SECTION 11-33-3(A)(4) STANDARD. LISTED IN SCIP TABLE.		
BATES FRONTAGE LANDSCAPE 1,013 LF DIVIDED BY FOUR (4) TREES & SIXTEEN (16) SHRUBS PER 100 LF	44 TREES, 176 SHRUBS (11 - 36" BOX /33 - 24" BOX)	58 TREES 455 SHRUBS
WEST PERIMETER LANDSCAPE	38 TREES, 250 SHRUBS	49 TREES
1,246 LF DIVIDED BY THREE (3) NON-DECIDUOUS TREES & TWENTY (20) SHRUBS PER 100 LF	(20 - 36" BOX / 19 - 24" BOX)	26 SHRUBS

REQUIRED

85 TREES

42 TREES

19,475 SF

690 SHRUBS

44 TREES, 264 SHRUBS

THE AREA IS NOT VISIBLE FROM PUBLIC PARKING AND DRIVE AISLES PER MZO SECTION 11-33-3(B)(2)(c). EAST PERIMETER LANDSCAPE

SHRUBBERY AND GROUNDCOVERS ARE NOT NECESSARY IF

LANDSCAPE CALCULATIONS

MCKELLIPS FRONTAGE LANDSCAPE

EXISTING CONDITIONS CANNOT ACCOMMODATE MZO SECTION
11-33-3(B)(1)(c). STANDARD. LISTED IN SCIP TABLE.

TOTAL NUMBER OF 24" BOX TREES
TOTAL NUMBER OF 36" BOX (OR LARGER) TREES
TOTAL NUMBER OF 5 GALLON SHRUBS

LIVE PLANT MATERIAL CALCULATION

SHEET INDEX LANDSCAPE PLAN

PROVIDED

1 TREE

0 TREES

0 SHRUBS

0 TREES

108 TREES

509 SHRUBS

10,695 SF

COVER SHEET OVERALL LANDSCAPE PLAN LANDSCAPE PLAN LANDSCAPE PLAN

PROJECT INFORMATION

MESA, AZ 85201

ADDRESS:

LANDSCAPE SBD STUDIO

PROJECT NARRATIVE:

MOBILE HOME PARK

RM-4

136-14-005A

NEW ENTRY LANDSCAPE DESIGN FOR

320 E. MCKELLIPS ROAD

PALM HARBOR ESTATES

SCOTTSDALE, AZ 85254

CHANDLER, ARIZONA 85224 PHONE: 480.284.4100

EMAIL: JSUAREZ@SBD-STUDIO.COM

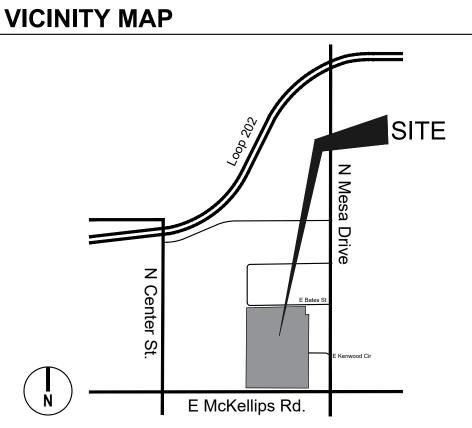
JMADRIGAL@SBD-STUDIO.COM

ARCHITECT: JOHN SUAREZ OR JOSE MADRIGAL 2019 N 91ST PL

6501 E GREENWAY PKWY UNIT 103-402

PLANTING DETAILS **IRRIGATION PLAN** IRRIGATION PLAN

L1.6 IRRIGATION DETAILS



PROCESSING NUMBERS

KIVA #	TBD
HILLSIDE PRESERVATION, H#	NONE
ENVR #	N/A
City Quarter Section #	00.04
Current Zoning	DM 4

APPROVAL SIGNATURE

Landscape Plan Approval, City of Mesa



Revision

SBD Studio

2019 N 91st Pl

480.284.4100

Chandler, AZ 85224

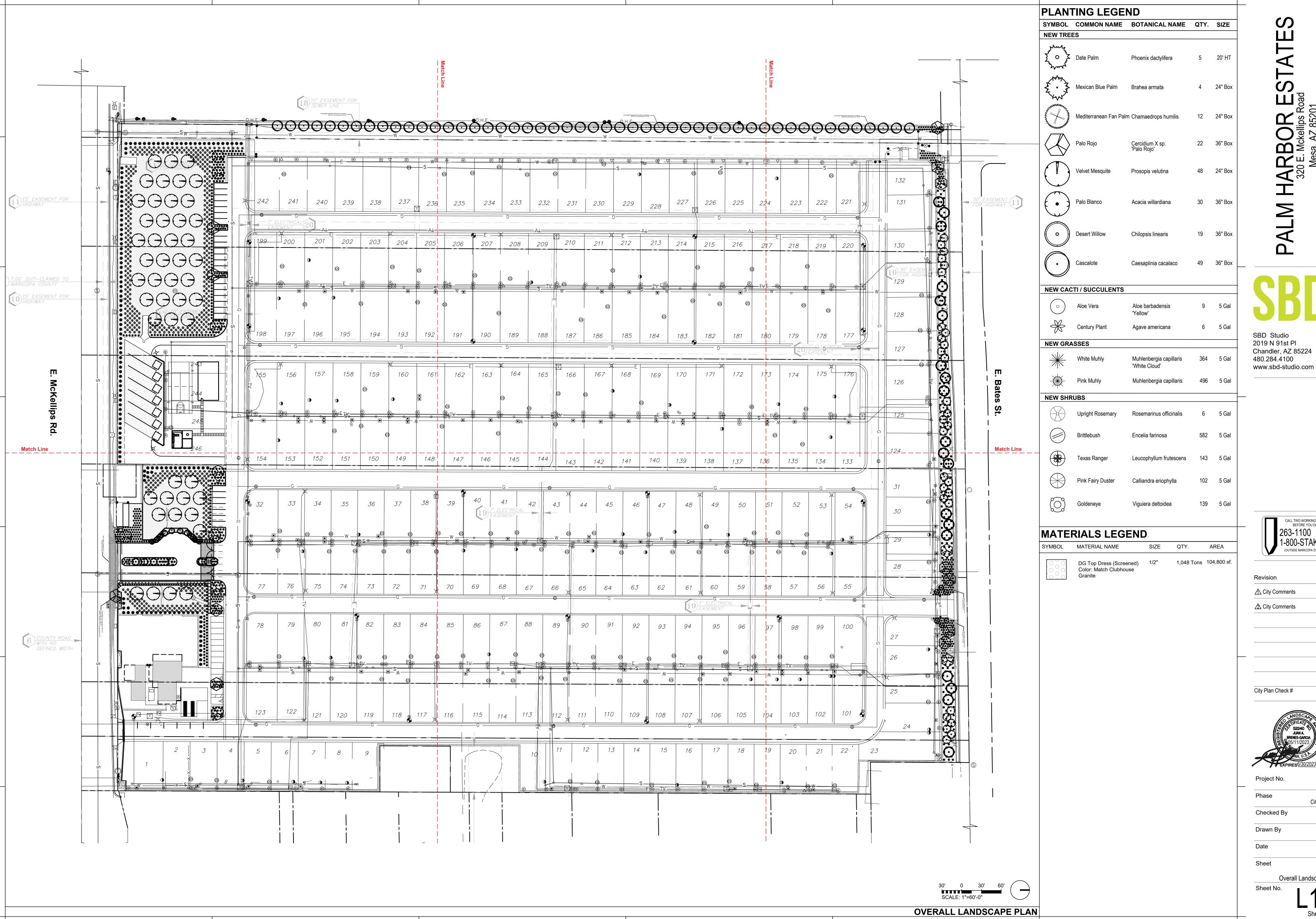
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01.25.2023 02.22.2023

City Plan Check #



Project No.	
	2239
Phase	
	City Submittal
Checked By	
	JS
Drawn By	
	JM
Date	
	05.11.2023
Sheet	
	Cover Sheet
Sheet No.	\cap



Chandler, AZ 85224

BEFORE YOU DIG 263-1100 1-800-STAKE-IT

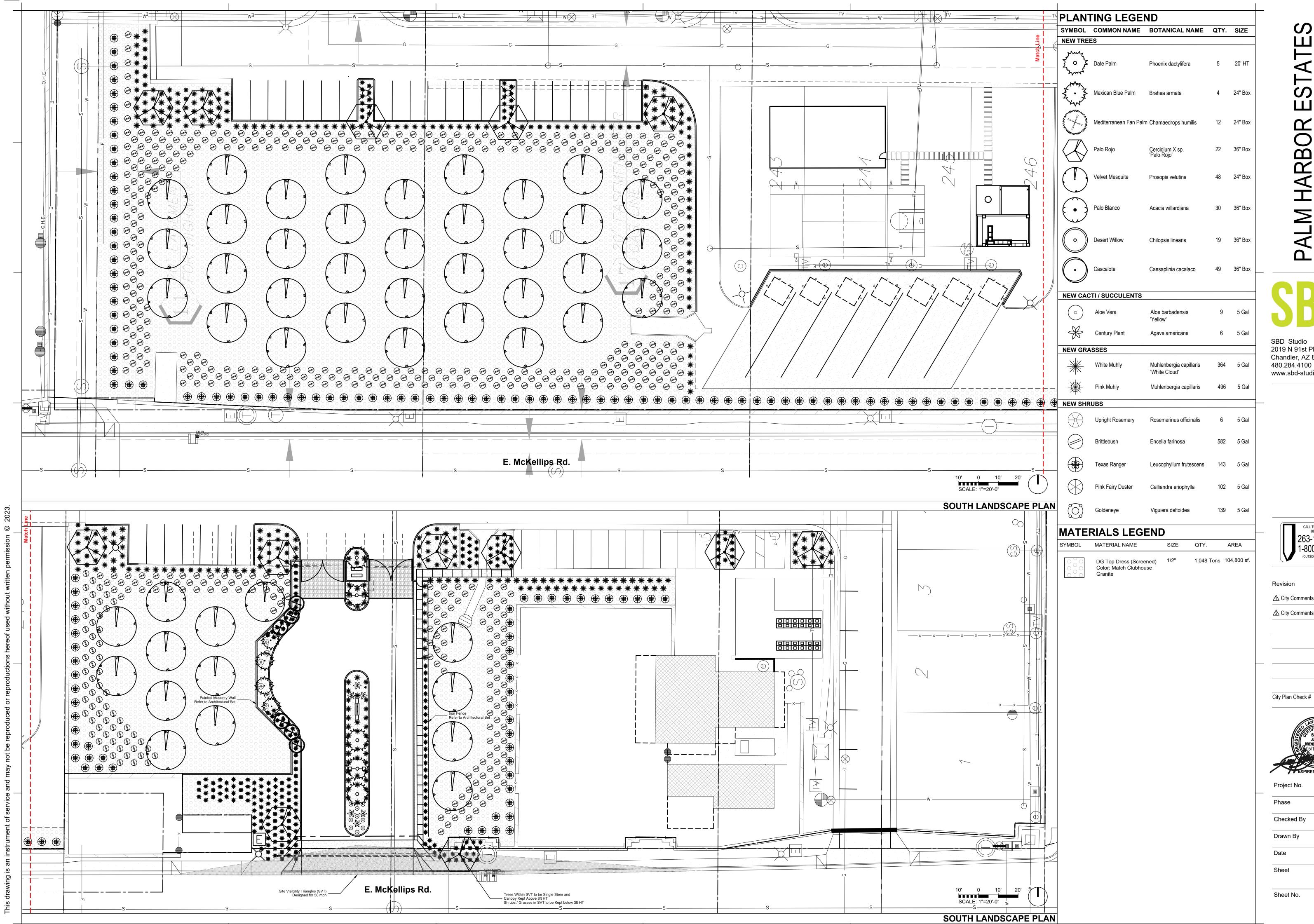
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Drawn By	JM
Date	05.11.2023
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Overall Landscape Plan



HARB(320 E. Mc)

SBD Studio 2019 N 91st PI Chandler, AZ 85224 480.284.4100 www.sbd-studio.com

> BEFORE YOU DIG 263-1100 1-800-STAKE-I (OUTSIDE MARICOPA COUNTY)

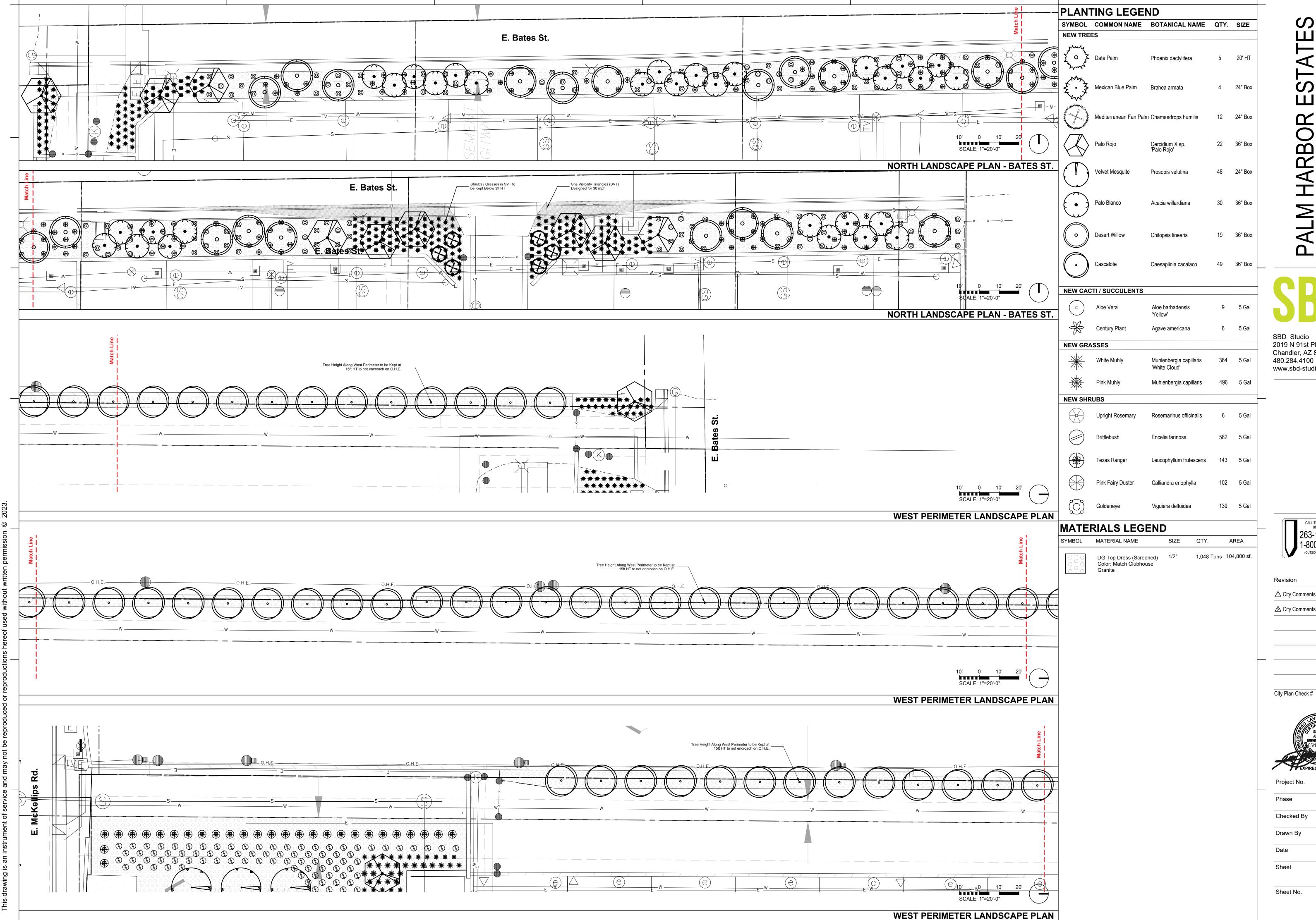
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•	JM
Date	
	05.11.2023
Sheet	

Landscape Plan Sheet No.



2019 N 91st PI Chandler, AZ 85224 www.sbd-studio.com

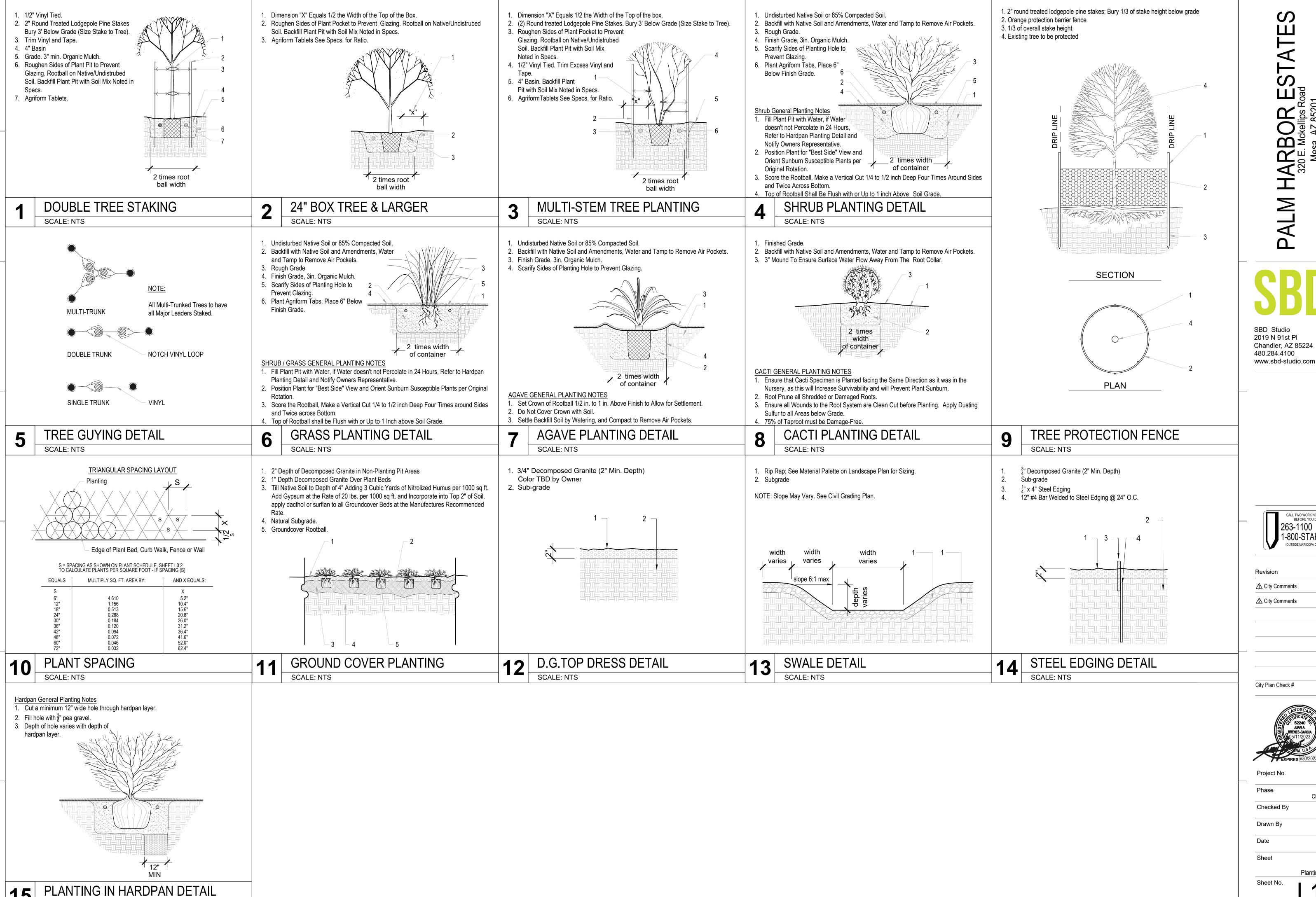
> CALL TWO WORKING DAYS BEFORE YOU DIG 1-800-STAKE-I7

⚠ City Comments 01.25.2023 02.22.2023



2239 City Submittal Checked By 05.11.2023

Landscape Plan



SCALE: NTS

STATE OR HARB(320 E. Mc PALM

SBD Studio 2019 N 91st PI Chandler, AZ 85224 480.284.4100

263-1100 1-800-STAKE-I7

⚠ City Comments 01.25.2023 02.22.2023

City Plan Check #



2239 City Submittal Checked By Drawn By 05.11.2023 Planting Details