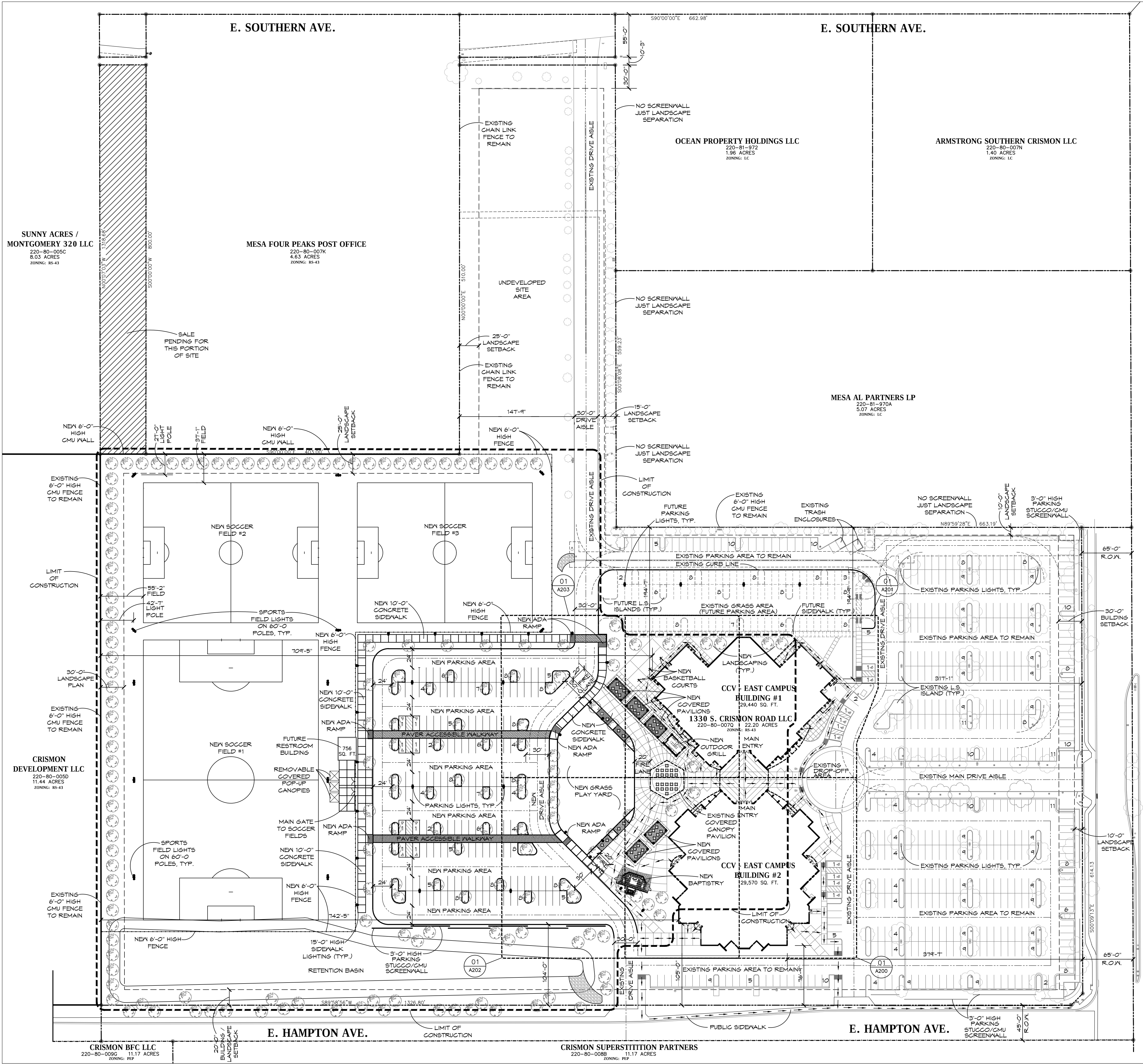


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PROJECT DESCRIPTION:

CCV IS EXPANDING ITS CURRENT PARKING FIELD TO THE WEST OF THE EXISTING CHURCH FACILITY TO INCLUDE A LARGER PARKING AREA WITH ASSOCIATED LANDSCAPE ISLANDS AND SITE LIGHTING.

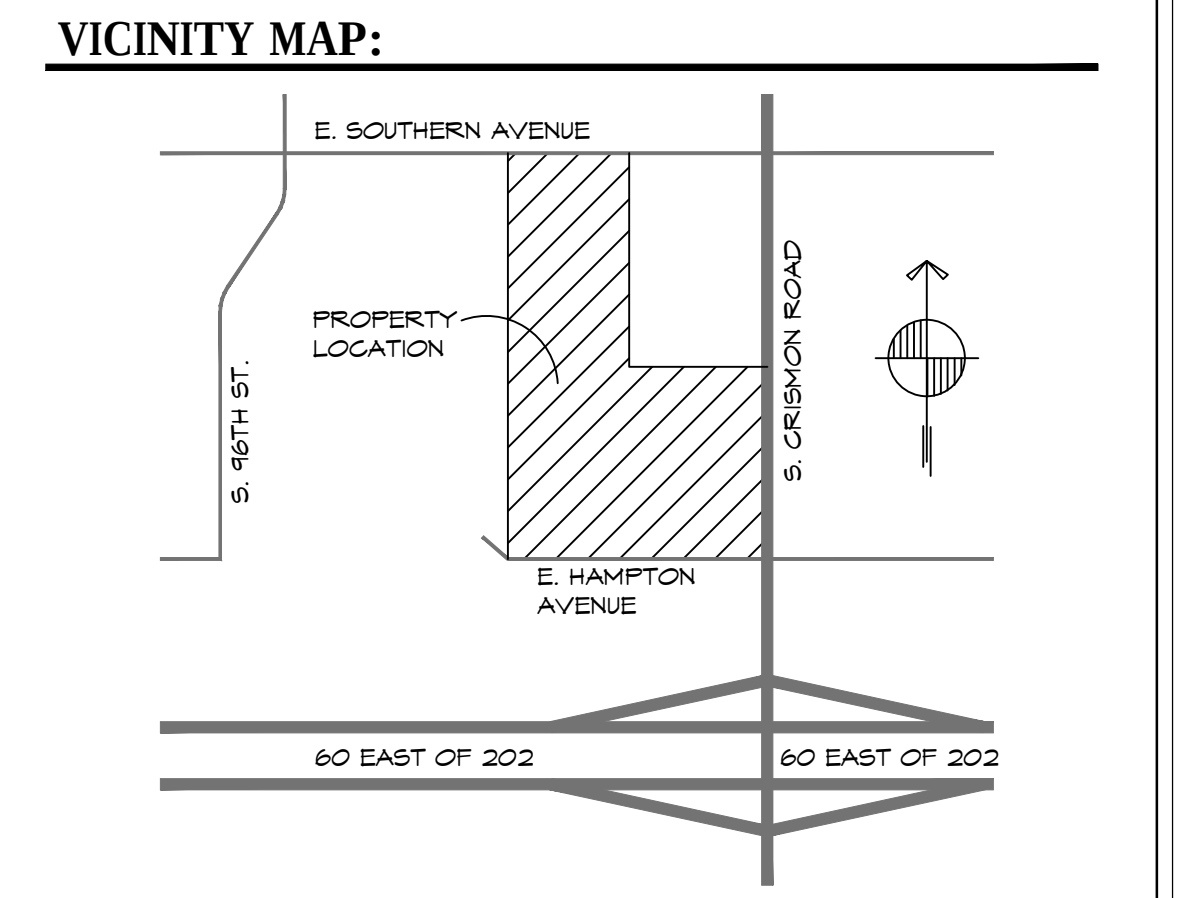
CCV IS ALSO EXPANDING THEIR EXISTING SOCCER FIELDS TO PROVIDE ADDITIONAL SOCCER FIELDS TO SUPPORT THEIR GROWING STARS SOCCER PROGRAM. THIS WILL ALSO ALLOW A LOCATION FOR A FUTURE RESTROOM BUILDING ADJACENT TO THE MAIN ENTRY TO THE SOCCER FACILITY.

CCV WILL ALSO ENHANCE THE MEMBER INTERACTION BEFORE AND AFTER CHURCH SERVICES, BY ADDING A NEW EXTERIOR GRILL WITH ADJACENT COVERED EATING PAVILIONS THAT OVERLOOK THE LARGE GRASS YARD THAT IS BEING PROVIDED FOR KIDS TO PLAY ON. CCV WILL ALSO BE RELOCATING THEIR EXISTING BAPTISTRY FROM WHERE THE EXTERIOR GRILL IS BEING PROPOSED TO THE SOUTHERN SIDE OF THE NEW GRASS AREA.

CCV MASTER SITE PLAN DATA:	
PROJECT:	CCV - EAST VALLEY CAMPUS REVISION
ADDRESS:	1330 S. CRISMON ROAD MESA, AZ
SCOPE:	REVISIONS TO MASTER SITE PLAN
LEGAL DESCRIPTION:	SEE CIVIL PLANS
ASSESSOR PARCEL #:	220-80-007Q
ZONING:	RS-43
SITE AREA:	GROSS : 991,543 SQ. FT. (22.7627 ACRES) NET : 967,403 SQ. FT. (22.2085 ACRES)
EXISTING BLDG AREA:	WORSHIP BLDG: 29,570 SQ. FT. STUDENT BLDG: 29,440 SQ. FT.
PROPOSED BLDG AREA:	R.R./STOR. BLDG: 1,600 SQ. FT.
STORIES:	SINGLE STORY
LOT COVERAGE:	6.3%
OCCUPANCY:	MIXED - A3, S1 AND B
CONSTRUCTION TYPE:	TYPE II-A WITH SPRINKLER SYSTEM
ALLOWABLE AREA:	38,000 SQ. FT.
CLEAR HEIGHT:	24'-0" MIN. UNDERSIDE OF ROOF TRUSS (EXISTING)
SCREENING HEIGHT:	50" MAX. (EXISTING)
BUILDING HEIGHT:	32'-0" MAX. PARAPET HEIGHT (EXISTING)
REQUIRED PARKING CALCULATIONS:	
1 SPACE REQUIRED PER 75 S.F.A. USED FOR PUBLIC ASSEMBLY	
PARKING REQUIRED:	15,536 SQ. FT. / 75 = 207 SPACES
EXISTING PARKING :	450 SPACES WITH 10 ACCESSIBLE (3 ACCESSIBLE VAN SPACES)
PROPOSED PARKING:	169 SPACES WITH 8 ACCESSIBLE VAN SPACES
FUTURE PARKING:	88 SPACES
TOTAL PARKING ALLOWABLE: 769 SPACES	
ACCESSIBLE PARKING CALC: 769 X 2% = 16 SPACES 1 OUT OF 6 = VAN SPACES (3 SPACES)	
ACCESSIBLE SPACES PROVIDED: 18 SPACES (11 ACCESSIBLE VAN SPACES)	

LEGEND:

➔ = ACCESSIBLE ROUTE FROM BUILDING ENTRANCES TO PUBLIC RIGHT-OF-WAY



GENERAL NOTES:

1. SEE LANDSCAPE PLANS FOR ACTUAL PROPOSED TREES, SHRUBS AND PLANT AMOUNTS. THE TREES SHOWN ON THIS PLAN ARE FOR REPRESENTATION ONLY.

REVISED MASTER SITE PLAN

SCALE: 1" = 60'-0"



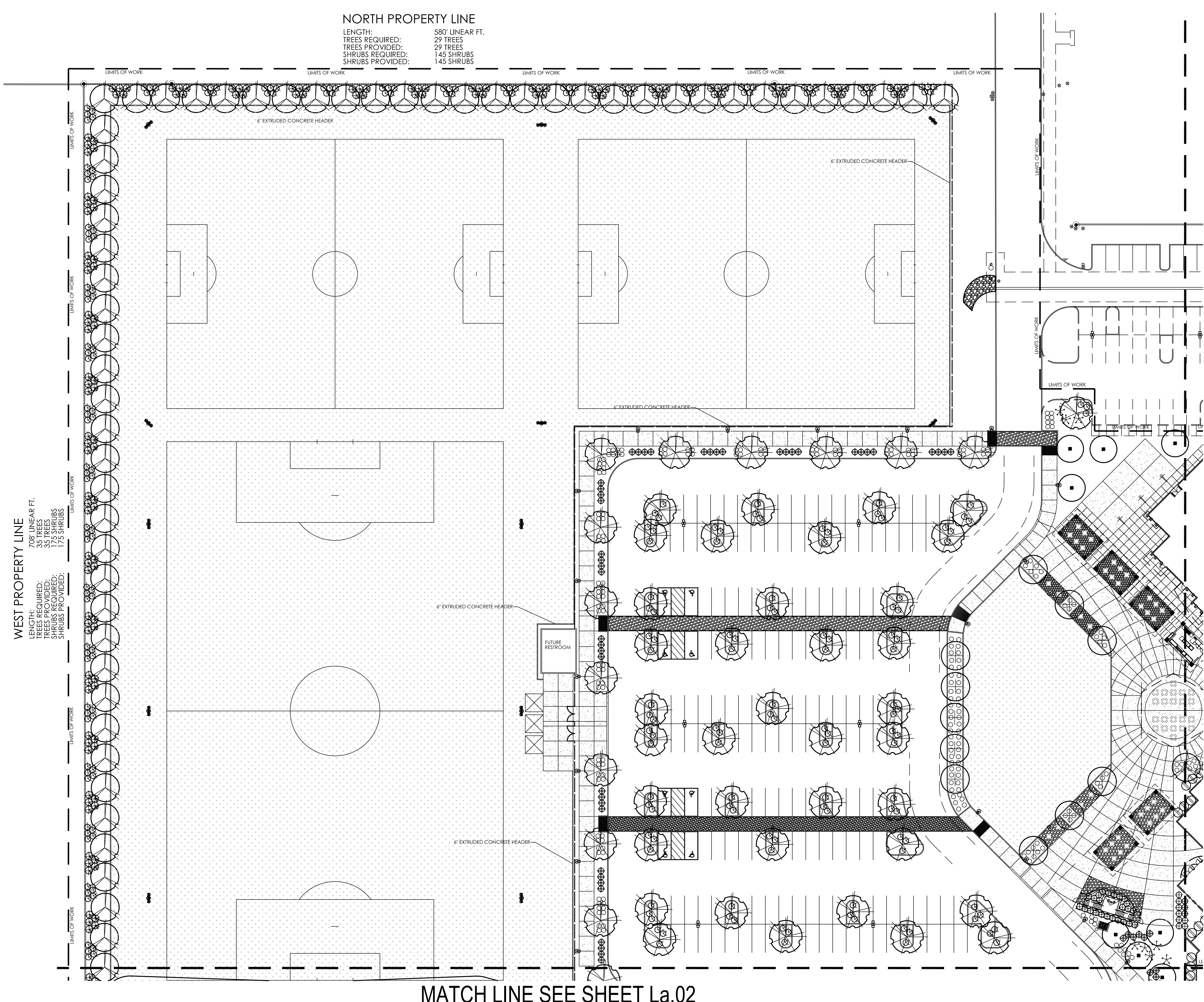
CHRIST'S CHURCH OF THE VALLEY
EAST VALLEY
MASTER SITE PLAN REVISIONS
1330 S. CRISMON ROAD, MESA, AZ

ISSUE	DATE

Issue Date: 2018-09-04
AS NOTED
Drawn: XXX
Reviewed: XXX
Job Number: EAV-17002

MASTER
SITE PLAN

A-100



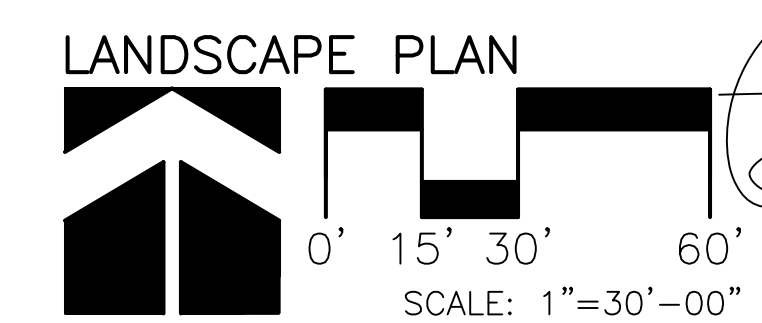
WEST PROPERTY LINE
 LENGTH: 708' LINEAR FT.
 TREES REQUIRED: 35 TREES
 TREES PROVIDED: 35 TREES
 SHRUBS REQUIRED: 175 SHRUBS
 SHRUBS PROVIDED: 175 SHRUBS

NORTH PROPERTY LINE
 LENGTH: 580' LINEAR FT.
 TREES REQUIRED: 29 TREES
 TREES PROVIDED: 29 TREES
 SHRUBS REQUIRED: 145 SHRUBS
 SHRUBS PROVIDED: 145 SHRUBS

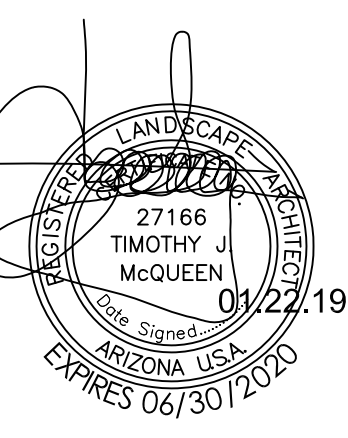
- ### LANDSCAPE LEGEND
- CERCIDIMUM 'HYBRID'
DESERT MUSEUM PALO VERDE
24" BOX (70)
 - ULMUS PARVIFOLIA
CHINESE ELM
36" BOX (11)
 - QUERCUS VIRGINIANA
LIVE OAK
24" BOX (66)
 - DALBERGIA SISSOO
SISSOO TREE
24" BOX (13)
 - PROSOPIS HYBRID
THORNLESS MESQUITE
24" BOX (LOW BREAKING) (26)
 - LEUCOPHYLLUM FRUTESCENS
'GREEN CLOUD'
5 GALLON (207)
 - CAESALPINIA MEXICANA
MEXICAN BIRD OF PARADISE
5 GALLON (27)
 - TECOMA 'ORANGE JUBILEE'
ORANGE JUBILEE
5 GALLON (34)
 - HESPERALOE PARVIFLORA
RED YUCCA
5 GALLON (165)
 - DASYLIRION WHEELERII
DESERT SPOON
5 GALLON (96)
 - NERIUM OLEANDER
PETITE PINK
5 GALLON (269)
 - LANTANA MONTEVIDENSIS
'GOLD MOUND'
1 GALLON (215)
 - LANTANA MONTEVIDENSIS
TRAILING PURPLE
1 GALLON (49)
 - ACACIA REDOLENS
'DESERT CARPET' tm
1 GALLON (85)
 - MID-IRON
TURF
SOD
 - 6" EXTRUDED CURB
CONCRETE HEADER
SEE DETAIL

MATCH LINE SEE SHEET La.03

MATCH LINE SEE SHEET La.02



LANDSCAPE PLAN
 T.J. McQUEEN & ASSOCIATES, INC.
 LANDSCAPE ARCHITECTURE
 URBAN DESIGN
 SITE PLANNING
 10450 N. 74th Street , Suite 120
 Scottsdale, Arizona 85258
 P. (602) 265-0320
 EMAIL: timmcqueen@tjmla.net

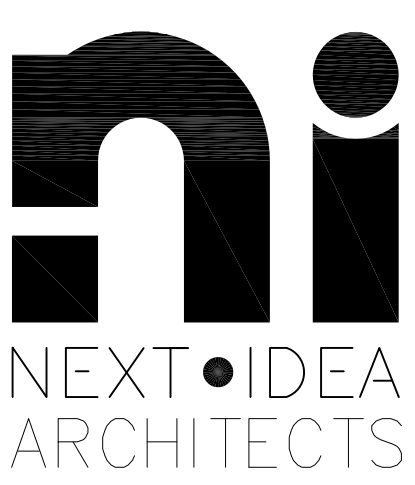


Issue Date: 01.22.19
 Drawn: K.D.G.
 Reviewed: D.O.T.
 Job Number: EAV-17002



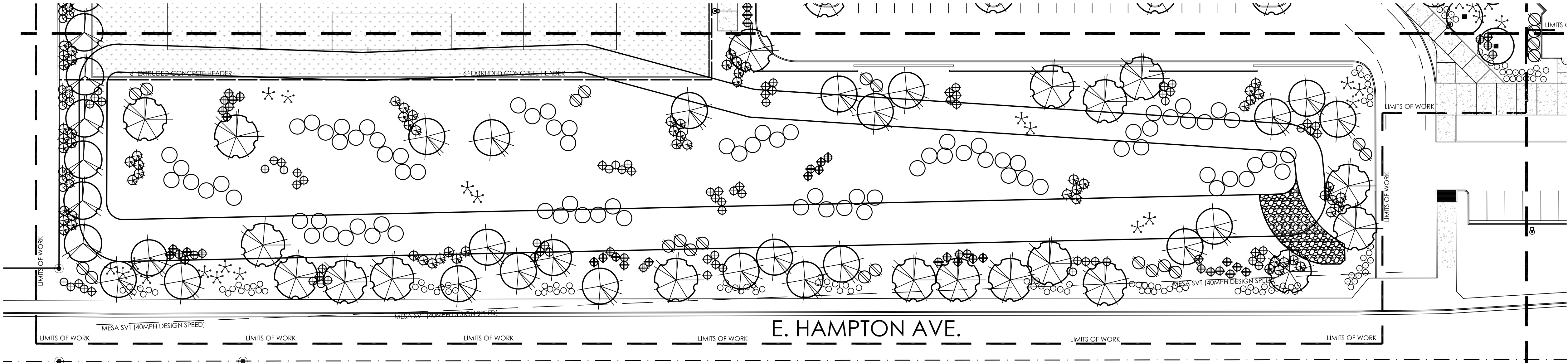
CONCEPTUAL
 LANDSCAPE
 PLAN

La.01



CHRIST'S CHURCH OF THE VALLEY
 EAST VALLEY
 MASTER SITE PLAN REVISIONS
 1330 S. CRISMON ROAD, MESA, AZ

MATCH LINE SEE SHEET La.01



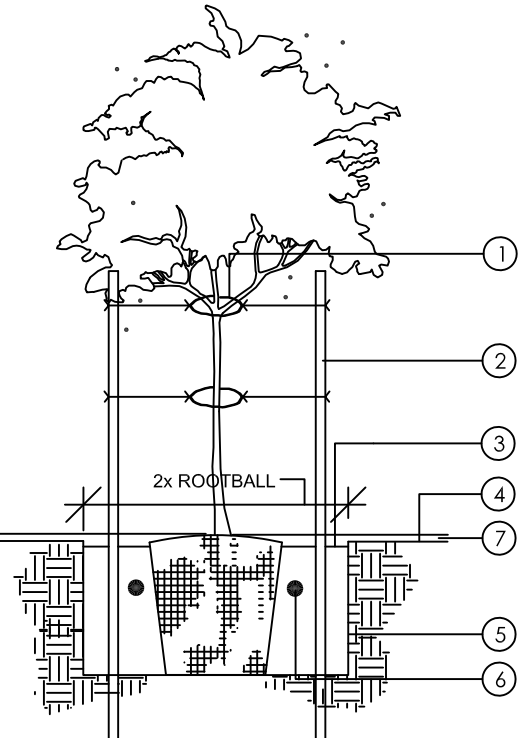
HAMPTON AVE. STREET FRONTAGE CALCULATIONS:

STREET LENGTH: 660' LINEAR FT.
TREES REQUIRED: 26 TREES
TREES PROVIDED: 26 TREES
SHRUBS REQUIRED: 78 SHRUBS
SHRUBS PROVIDED: 93 SHRUBS
VEGETATIVE COVERAGE: 60%

MATCH LINE SEE SHEET La.04

LANDSCAPE LEGEND

- CERCIDIUM 'HYBRID'
DESERT MUSEUM PALO VERDE
24" BOX (70)
- ULMUS PARVIFOLIA
CHINESE ELM
36" BOX (11)
- QUERCUS VIRGINIANA
LIVE OAK
24" BOX (66)
- DALBERGIA SISSOO
SISSOO TREE
24" BOX (13)
- PROSOPIS HYBRID
THORNLESS MESQUITE
24" BOX (LOW BREAKING) (26)
- LEUCOPHYLLUM FRUTESCENS
'GREEN CLOUD'
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MEXICAN BIRD OF PARADISE
5 GALLON (27)
- TECOMA 'ORANGE JUBILEE'
ORANGE JUBILEE
5 GALLON (34)
- HESPERALOE PARVIFLORA
RED YUCCA
5 GALLON (165)
- DASYLIRION WHEELERII
DESERT SPOON
5 GALLON (96)
- NERIUM OLEANDER
PETITE PINK
5 GALLON (269)
- LANTANA MONTEVIDENSIS
'GOLD MOUND'
1 GALLON (215)
- LANTANA MONTEVIDENSIS
TRAILING PURPLE
1 GALLON (49)
- ACACIA REDOLENS
'DESERT CARPET' tm
1 GALLON (85)
- MID-IRON
TURF
SOD
- 6" EXTRUDED CURB
CONCRETE HEADER
SEE DETAIL

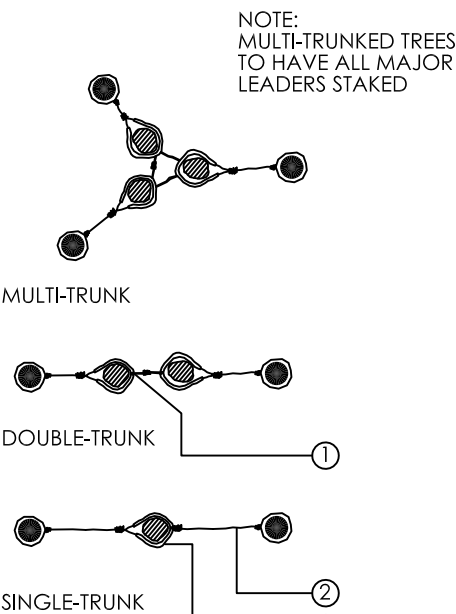


- 1/2" RUBBER HOSE WITH #10 WIRE
- TWO 2" ROUND BY 10' LONG GREEN TREE STAKES BURY 3" BELOW GRADE
- 4" BASIN
- GRADE (PRIOR TO GRANITE)
- ROUGHEN SIDES OF PLANT PIT TO PREVENT GLAZING
- AGRIFORM TABLETS
- 2" DEPTH OF DECOMPOSED GRANITE. (SEE LEGEND FOR TYPE)

BACKFILL PLANT PIT WITH SOIL MIX PER PHX MAG SUPPLEMENT.

DOUBLE STAKING DETAIL

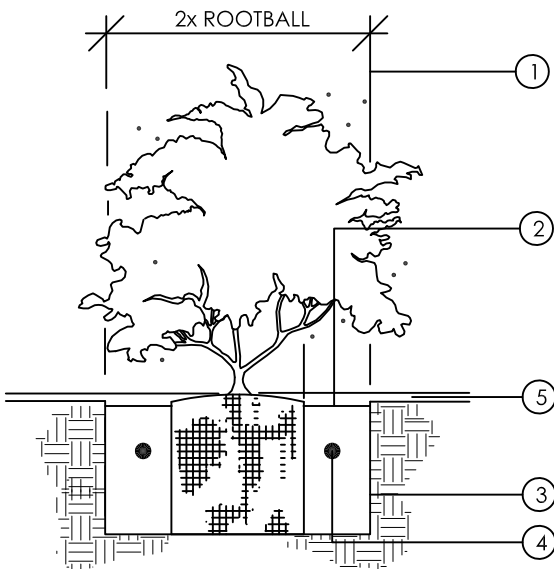
NOT TO SCALE



- NOTCH TUBING LOOP WIRE THROUGH EXPOSED WIRE
- #10 WIRE RUBBER COATED
- 1/2" RUBBER HOSE

TREE GUYING DETAIL

NOT TO SCALE



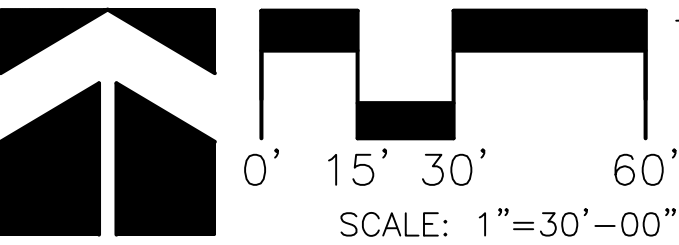
- MINIMUM DIMENSION FOR 5 GAL. PLANTS
- 1" BASIN
- ROUGHEN SIDES OF PLANT PIT TO PREVENT GLAZING
- AGRIFORM TABLETS SEE SPECS. FOR RATIO
- 2" DEPTH OF DECOMPOSED GRANITE. (SEE LEGEND FOR TYPE)

BACKFILL PLANT PIT WITH SOIL MIX PER PHX MAG SUPPLEMENT.

SHRUB PLANTING DETAIL

NOT TO SCALE

LANDSCAPE PLAN



SCALE: 1" = 30'-00"



T.J. McQUEEN & ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE
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EMAIL: timmcqueen@tjmla.net

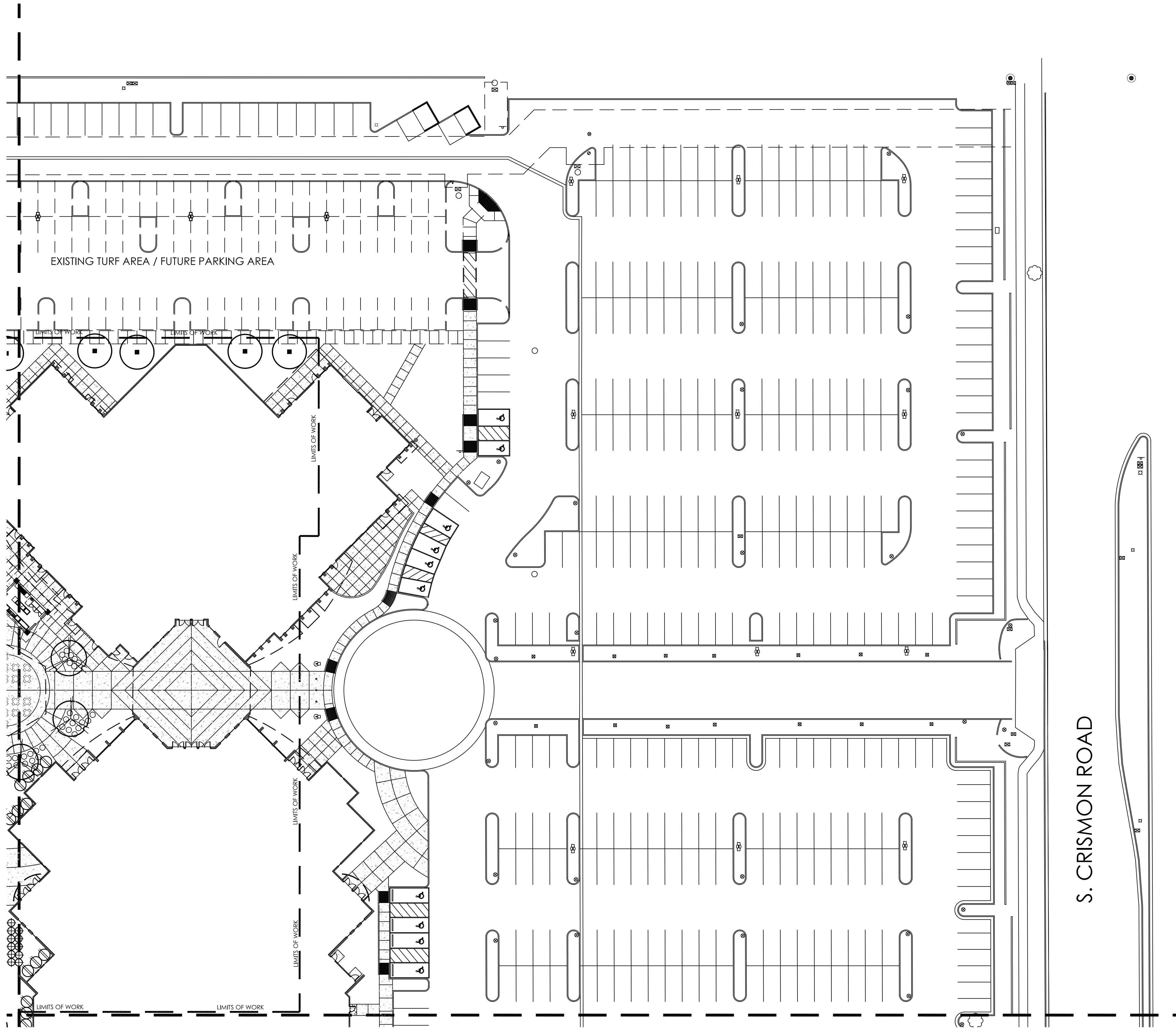


CONCEPTUAL
LANDSCAPE
PLAN

La.02

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MATCH LINE SEE SHEET La.01

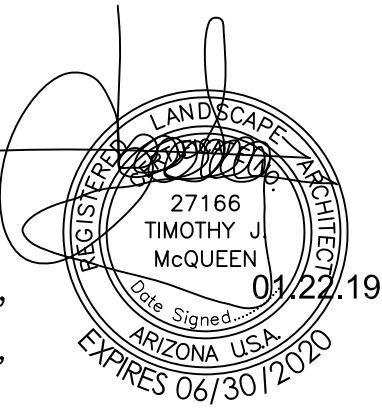
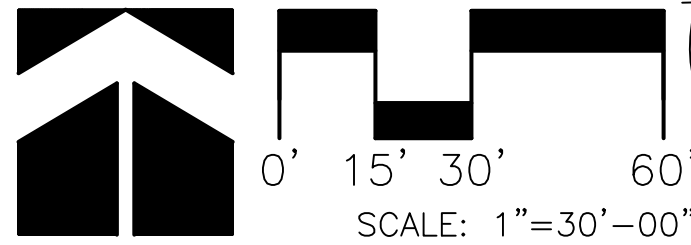


MATCH LINE SEE SHEET La.04

LANDSCAPE LEGEND

- CERCIDIUM 'HYBRID'
DESERT MUSEUM PALO VERDE
24" BOX (70)
- ULMUS PARVIFOLIA
CHINESE ELM
36" BOX (11)
- QUERCUS VIRGINIANA
LIVE OAK
24" BOX (66)
- DALBERGIA SISSOO
SISSOO TREE
24" BOX (13)
- PROSOPIS HYBRID
THORNLESS MESQUITE
24" BOX (LOW BREAKING) (26)
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- HESPERALOE PARVIFLORA
RED YUCCA
5 GALLON (165)
- DASYLIRION WHEELERII
DESERT SPOON
5 GALLON (96)
- NERIUM OLEANDER
PETITE PINK
5 GALLON (269)
- LANTANA MONTEVIDENSIS
'GOLD MOUND'
1 GALLON (215)
- LANTANA MONTEVIDENSIS
TRAILING PURPLE
1 GALLON (49)
- ACACIA REDOLENS
'DESERT CARPET' tm
1 GALLON (85)
- MID-IRON
TURF
SOD
- 6" EXTRUDED CURB
CONCRETE HEADER
SEE DETAIL

LANDSCAPE PLAN



T.J. McQUEEN & ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE
URBAN DESIGN
SITE PLANNING

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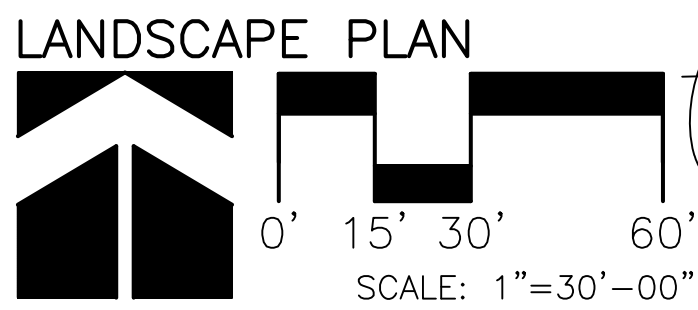
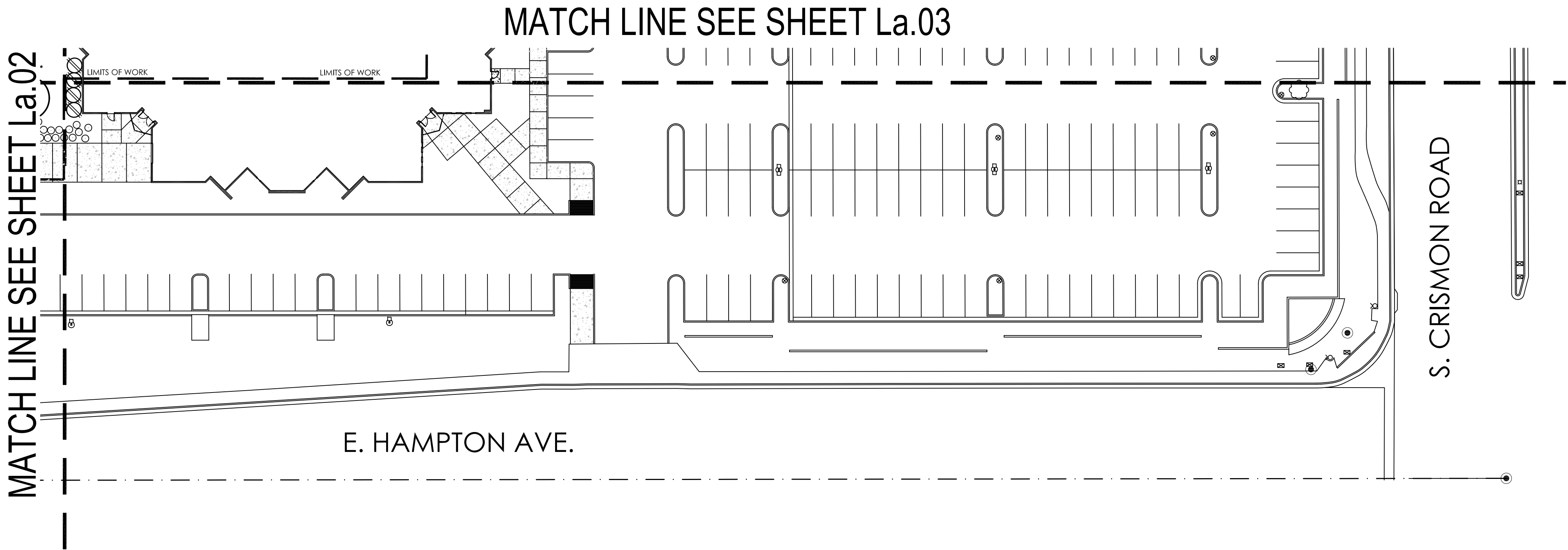
Issue Date:	01.22.19
Drawn:	K.D.G.
Reviewed:	D.O.T.
Job Number:	EAV-17002

CONCEPTUAL
LANDSCAPE
PLAN

La.03

LANDSCAPE LEGEND

- CERCIDIUM 'HYBRID'
DESERT MUSEUM PALO VERDE
24" BOX (70)
- ULMUS PARVIFOLIA
CHINESE ELM
36" BOX (11)
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LIVE OAK
24" BOX (66)
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SEE DETAIL

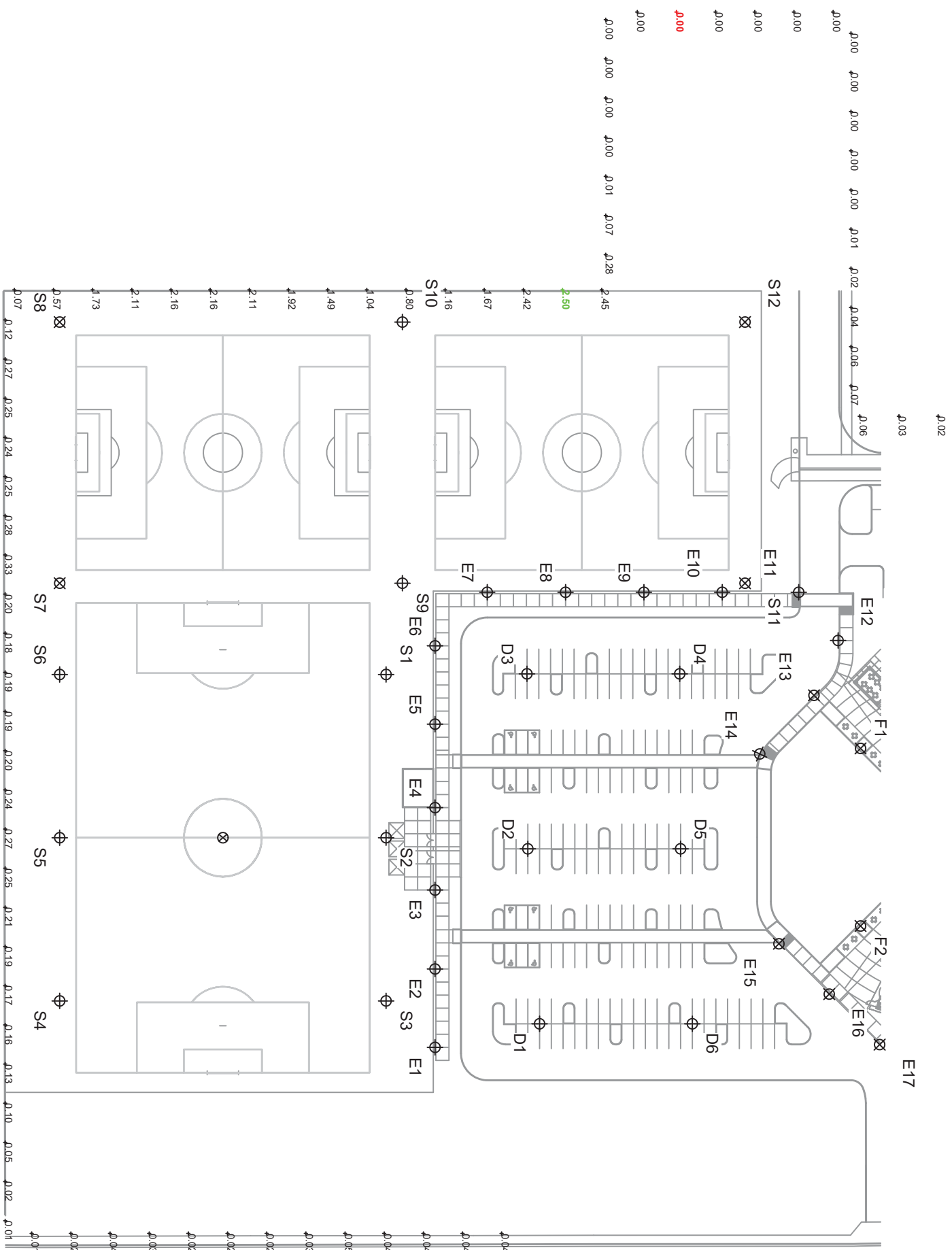


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EQUIPMENT LIST FOR AREAS SHOWN									
Pole				Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS	
6	D1-D6	30'	-	30'	CREE OSQ	2	1	0	
17	E1-E17	15'	-	15'	CREE EDGE	1	1	0	
2	F1-F2	40'	-	40'	TLC-LED-400	4	4	0	
6	S1-S6	60'	-	60'	TLC-LED-1150	4	4	0	
2	S7-S8	60'	-	60'	TLC-LED-1150	3	3	0	
2	S9-S10	60'	-	60'	TLC-LED-1150	6	6	0	
2	S11-S12	60'	-1'	59.9'	TLC-LED-1150	3	3	0	
37	TOTALS					85	85	0	



ENGINEERED DESIGN By: dalexander • File #195277C • 05-Dec-18

CCV East Valley Soccer Mesa, AZ	
GRID SUMMARY	
Name:	Prop Line - Horizontal Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	0.4046
Maximum:	2.499
Minimum:	0.000
No. of Points:	79
LUMINAIRE INFORMATION	
Color / CRI:	5700K - 75 CRI / 5700K - 70 CRI / SIXTYWH
Luminaire Output:	121,000 / 17,000 / 8,402 / 46,500 lumens
No. of Luminaires:	85
Avg. Load:	62.2 kW
Max Load:	59.96 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume $\pm$ 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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ILLUMINATION SUMMARY