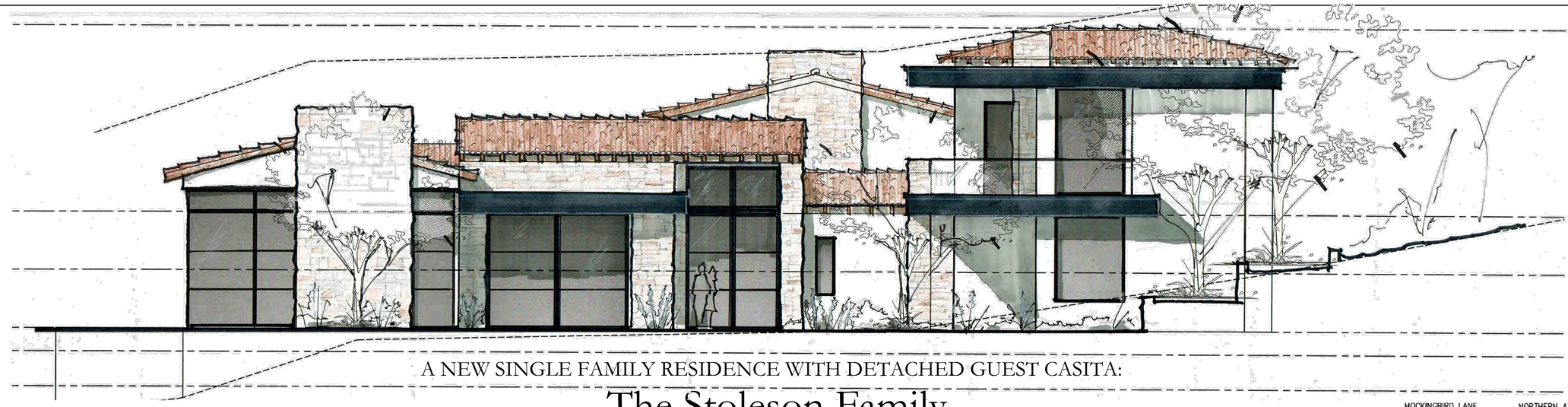


A NEW SINGLE FAMILY RESIDENCE WITH DETACHED GUEST CASITA:

The Stoleson Family

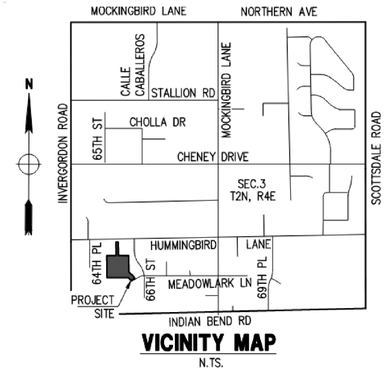
6519 E Hummingbird Lane
Paradise Valley, AZ 85253

DECEMBER 19TH, 2025

FORMAL HILLSIDE SUBMITTAL

THOMSON ARCHITECTURE

AREA OF LOT	3.837	ACRES	TOTAL AREA OF LOT PER SURVEY RESULTS
	167,149	SF	
FOOTPRINT	19,298	SF	
FLOOR AREA RATIO	11.54	%	AREA UNDER ROOF/AREA OF LOT
BUILDING PAD SLOPE	8.84	%	THE PERCENT OF SLOPE MEASURED AT RIGHT ANGLES TO THE NATURAL CONTOURS ALONG A LINE PASSING THROUGH THE CENTER OF THE PROPOSED BUILDING AND TERMINATING AT THE ENDS OF THE DISTURBED AREA LIMITS OF THE BUILDING SITE.
VERTICAL HEIGHT OF SLOPE	33.2	SF	
HORIZONTAL LENGTH OF SLOPE	293.6	SF	
ALLOWABLE DISTURBED AREA	60	%	PER TABLE 1, SECTION 2207-III-I
	100,289	SF	
EXISTING DISTURBED AREA	53.03	%	IF ANY
	88,641	SF	
(+)GROSS DISTURBED AREA	18.15	%	PROPOSED GROSS DISTURBANCE OF SITE
	30,337	SF	
(-)LIVABLE AREA FOOTPRINT	11,104	SF	SUBTRACT LIVABLE AREA FOOTPRINT
(-)GARAGE FOOTPRINT	2,531	SF	SUBTRACT ATTACHED GARAGE FOOTPRINT
(-)DRIVEWAY CREDIT	0	SF	SUBTRACT DRIVEWAY CREDIT IF APPLICABLE
(-)RETENTION BASIN CREDIT	2,841	SF	SUBTRACT 50% OF BASIN AREA IF APPLICABLE
(-)FULLY RESTORED AREAS	3,505	SF	SUBTRACT AREAS RESTORED TO BOTH NATURAL GRADES AND VEGETATION
(=)NET DISTURBED AREA	55.76	%	
	93,211	SF	



VICINITY MAP
N.TS.

LIGHTING:
CREATIVE DESIGNS IN LIGHTING
WALTER SPITZ

BUILDER:
SCHULTZ DEVELOPMENT
JOHN SCHULTZ

OWNER:
MARK AND KATHERINE STOLESON

ARCHITECT:
THOMSON ARCHITECTURE LLC
MEREDITH THOMSON
(t)415-310-2372
MEREDITH@MMTARCH.COM

INTERIOR DESIGNER:
OWNBY DESIGN
CLAIRE OWNBY

LANDSCAPE
BERGHOFF DESIGN GROUP
JEFF BERGHOFF

TOWN OF PARADISE VALLEY HILLSIDE NOTES:

1. ALL EXTERIOR MATERIAL PALLETE SHALL BE IN ACCORDANCE WITH SECTION 2201.11.D
2. ALL EXTERIOR LIGHTING SHALL COMPLY WITH SECTION 2208/

SCOPE OF WORK: Single family residence with detached casita.
This residence will be mostly single story with a small portion being 2 story.

Please note in order to reduce grading/excavation, and to create a better visual from Hummingbird Lane, we have designed a house with two driveways. The public/guest/delivery driveway will be off of Hummingbird. The owner's/service entry will be off of Meadowlark. This keeps the garages private and hidden from view and allows a more desirable elevation from Hummingbird.

We have designed the house to parallel the existing contours on the site and also take advantage with the existing bench. Our finish floor will be approximately a foot taller than the existing bench.

Taking advantage of the bench limits the amount of excavation and regrading required.

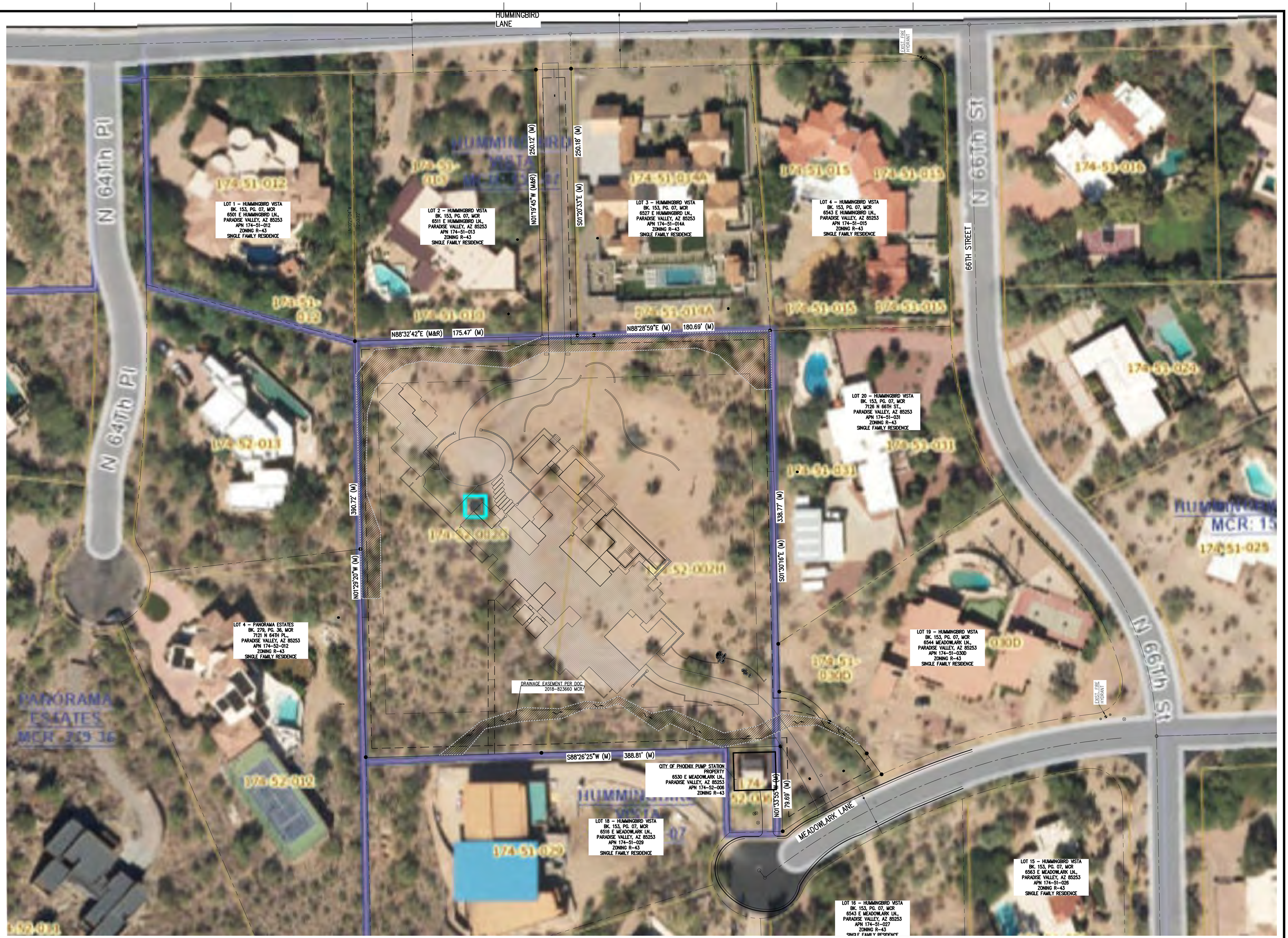
We are combining the two lots and the lot tie process is already underway with the Town of Paradise Valley and was submitted by Nick Prodanov, our civil engineer on this project.
He has also provided a historical grade exhibit for reference.

Materials will consist of rubble stone, stucco, clay tile roof and some flat metal roofs. Exterior doors and window swill be steel.

DRAWING LIST:

	COVER	
A0.1	AERIAL PHOTO	SCALE: $\frac{3}{32}$"=1'-0"
A0.2	SITE PHOTOS AND KEY	SCALE: $\frac{3}{32}$"=1'-0"
A1.0	SITE PLAN	SCALE: 1"=20'-0"
A2.1	MAIN HOUSE MAIN FLOOR PLAN	SCALE: $\frac{1}{8}$"=1'-0"
A2.2	MAIN HOUSE UPPER FLOOR PLAN	SCALE: $\frac{1}{8}$"=1'-0"
A2.3	DETACHED CASITA (GUEST) FLOOR PLAN	SCALE: $\frac{1}{8}$"=1'-0"
A4.1	MAIN HOUSE MAIN ROOF PLAN	SCALE: $\frac{1}{8}$"=1'-0"
A4.2	DETACHED CASITA (GUEST) ROOF PLAN	SCALE: $\frac{1}{8}$"=1'-0"
A5.1	SITE SECTIONS	SCALE: $\frac{1}{8}$"=1'-0"
A6.1	MAIN HOUSE EXTERIOR ELEVATIONS	SCALE: $\frac{1}{8}$"=1'-0"
A6.2	MAIN HOUSE EXTERIOR ELEVATIONS	SCALE: $\frac{1}{8}$"=1'-0"
A6.3	DETACHED CASITA (GUEST) EXT. ELEVS	SCALE: $\frac{1}{8}$"=1'-0"
A6.4	EXTERIOR MATERIAL	NO SCALE
A6.5	3-D MODEL VIEWS	NO SCALE
A6.6	EXTERIOR RENDERINGS 1	NO SCALE
A6.7	EXTERIOR RENDERINGS 2	NO SCALE
A6.8	EXTERIOR RENDERINGS 3	NO SCALE
CIVIL		
C-1	COVER SHEET	NO SCALE
C-2	PRELIMINARY GRADING AND DRAINAGE IMPROVEMENT PLAN	
	OVERALL SITE PLAN	SCALE: 1"=30'-0"
C-3	ENLARGED VIEW	SCALE; 1"=20'-0"
C-4	CROSS SECTIONS AND DETAILS	SCALE: AS NOTED
HC	HISTORIC GRADES, EXISTING DISTURBANCE EXHIBIT	SCALE: 1"=30'-0"
SP-3	STORM WATER POLLUTION PREVENTION PLAN	SCALE: AS NOTED
LIGHTING		
ALO	LIGHTING NOTES AND SCHEDULES	NO SCALE
ALO.1	LIGHTING NOTES AND SCHEDULES	NO SCALE
AL1	MAIN LEVEL LIGHTING PLAN	SCALE: 1"=$\frac{1}{4}$"-0"
AL2	MAIN LEVEL LIGHTING PLAN	SCALE: 1"=$\frac{1}{4}$"-0"
AL3	UPPER LEVEL LIGHTING PLAN	SCALE: 1"=$\frac{1}{4}$"-0"
AL4	CASITA LIGHTING PLAN	SCALE: 1"=$\frac{1}{4}$"-0"
NATIVE PLANT		
	NATIVE PLANT INVENTORY PLAN	SCALE: 1"=20'-0"
	NATIVE PLANT INVENTORY REPORT	
LANDSCAPE		
HP.0	HARDSCAPE PLAN	SCALE: 1"=30'-0"
HP.1	HARDSCAPE PLAN	SCALE: 1"=10'-0"
HP.2	HARDSCAPE PLAN	SCALE: 1"=10'-0"
HP.3	HARDSCAPE PLAN	SCALE: 1"=10'-0"
HP.4	HARDSCAPE PLAN	SCALE: 1"=10'-0"
HP.5	HARDSCAPE PLAN	SCALE: 1"=10'-0"
HP.6	HARDSCAPE PLAN	SCALE: 1"=10'-0"
	MATERIALS	NO SCALE
HD.1	HARDSCAPE DETAILS	AS NOTED
HD.2	HARDSCAPE DETAILS	AS NOTED
HD.3	HARDSCAPE DETAILS	AS NOTED
HD.4	HARDSCAPE DETAILS	AS NOTED
HD.5	HARDSCAPE DETAILS	AS NOTED
PP.0	PLANTING PLAN	SCALE: 1"=30'-0"
PP.1	PLANTING PLAN	SCALE: 1"=10'-0"
PP.2	PLANTING PLAN	SCALE: 1"=10'-0"
PP.3	PLANTING PLAN	SCALE: 1"=10'-0"
PP.4	PLANTING PLAN	SCALE: 1"=10'-0"
PP.5	PLANTING PLAN	SCALE: 1"=10'-0"
PP.6	PLANTING PLAN	SCALE: 1"=10'-0"
II.1	IRRIGATION AND INFRASTRUCTURE PLAN	SCALE: 1"=30'-0"
LP.1	LIGHTING PLAN	SCALE: 1"=30'-0"
LC.1	LIGHTING CUTSHEETS	NO SCALE

Plan Check No. 7920-24



Aerial Photo
1"=32"=1'-0"
1

NORTH

A NEW RESIDENCE FOR:
The Stolesons Family
6519 E Hummingbird Lane
Paradise Valley, AZ 85253

Rev.:	Description:	Date:
1.		

8.21.25 CONCEPT HILLSIDE
NOT FOR CONSTRUCTION

Title: SITE AERIAL

Drawn: Meredith Thomson | Date: December 19, 2025

Sheet: A0.1

Scale:

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Photo Key
1"=32"=1'-0"

NORTH



Site Photo 1 (1)



Site Photo 2 (2)



Site Photo 3 (3)



Site Photo 4 (4)



Site Photo 5 (5)



Site Photo 6 (6)



Site Photo 7 (7)



Site Photo 8 (8)

A NEW RESIDENCE FOR:
The Stoleson Family
6519 E Hummingbird Lane
Paradise Valley, AZ 85253

Rev.:	Description:	Date:
1.		

8.21.25 CONCEPT HILLSIDE
NOT FOR CONSTRUCTION

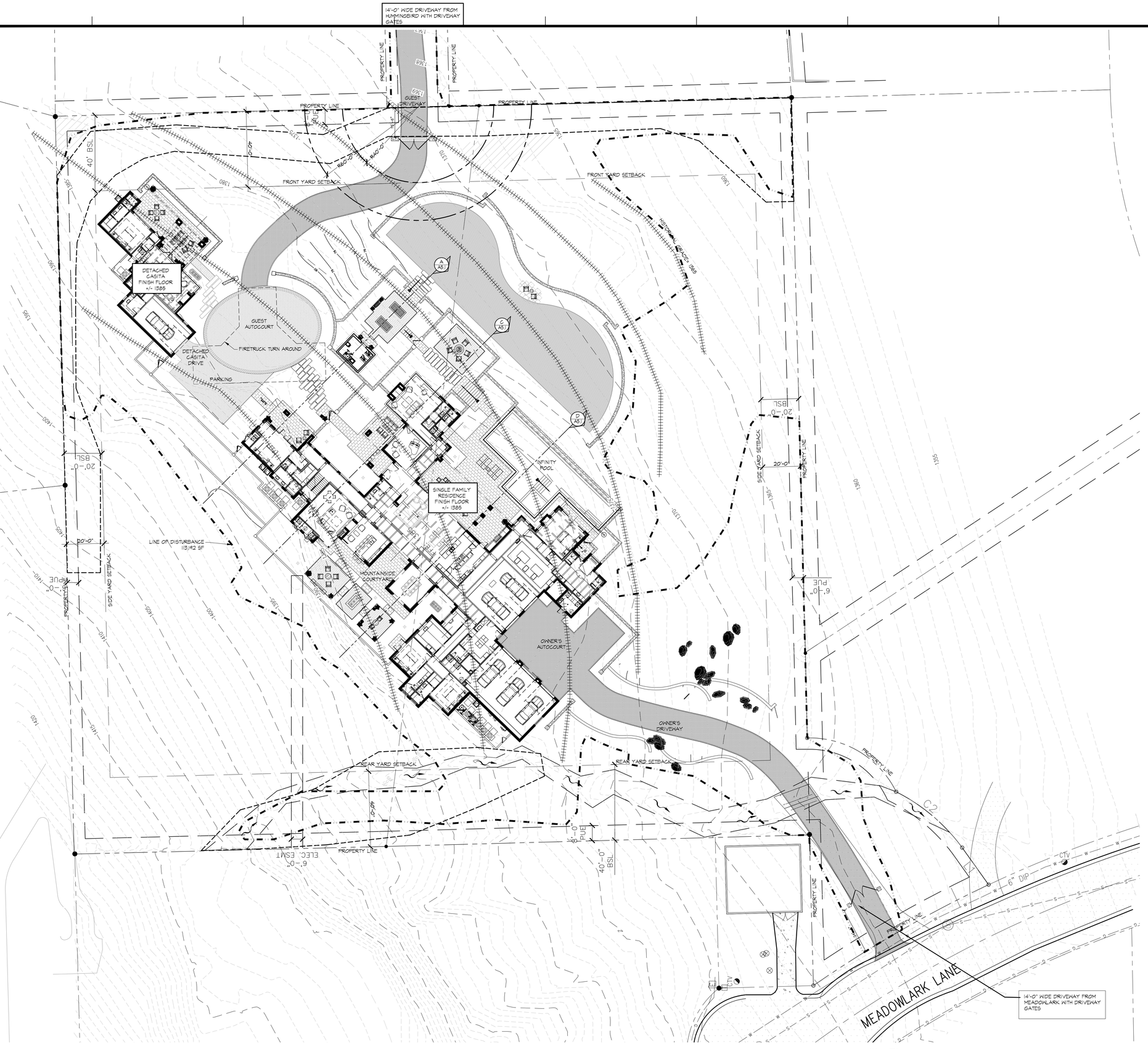
Title: SITE PHOTOS

Drawn: Meredith Thomson | Date: December 19, 2025

Sheet A0.2

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Site Plan 1

1"=20'-0"

0 10' 20' 40'

NORTH

SITE INFORMATION AND PROJECT DATA

ZONING DISTRICT	R-43 HILLSIDE
TAX ASSESSOR'S NUMBER	174-52-0026 AND 174-52-004
DESERT LAND FORM	HILLSIDE
OWNER	MARK AND KATHERINE STOLESON MARK.STOLESON@GMAIL.COM KSTOLESON@HOTMAIL.COM
LOT AREA	167,149 SF (3.837 AC.) 82,915 SF + 84,234 SF

MAIN RESIDENCE AREAS:

LIVABLE (AIR CONDITIONED) AREAS:

FIRST FLOOR LIVABLE	9,764 S.F.
SECOND FLOOR LIVABLE	1,681 S.F.
TOTAL LIVABLE AREA	11,445 S.F.

NON-LIVABLE AREAS:

FIRST FLOOR GARAGE/MECH	2,531 S.F.
	2,531 S.F.

COVERED PATIO AREAS:

FIRST FLOOR COVERED PATIO	2,201 S.F.
SECOND FLOOR COVERED PATIO	351 S.F.
	2,564 S.F.

MISCELLANEOUS:

ROOF OVERHANG	1,060 S.F.
COURTYARD	111 S.F.
	1,171 S.F.

GRAND TOTAL MAIN HOUSE	17,717 S.F.

DETACHED GUEST CASITA AREAS:

LIVABLE (AIR CONDITIONED) AREA:

TOTAL LIVABLE AREA	1,421 S.F.

NON-LIVABLE AREAS:

GARAGE AND MECHANICAL	556 S.F.

COVERED PATIO AREAS:

COVERED PATIO	690 S.F.

GRAND TOTAL DETACHED GUEST	2667 S.F.

FLOOR AREA RATIO CALCULATIONS:

MAX. ALLOWABLE FLOOR AREA RATIO.. 25% OF TOTAL SITE AREA (167,149)=41,787.25 SF

MAIN RESIDENCE FLOOR AREA RATIO.. 17,717 S.F. / 167,149 S.F. = 10.6%

GUEST HOUSE FLOOR AREA RATIO.. 2667 S.F. / 167,149 S.F. = 1.6%

TOTAL PROJECT FLOOR AREA RATIO.. 17,717 S.F. (MAIN RES. + OVERHANGS + COURTYARD) + 2667 S.F. (GUEST)= 20,384 S.F. / 167,149 S.F. = 12.2%

DETACHED ACCESSORY BLDG. RATIO.. MAIN RESIDENCE 1st FLR. COV'D. AREA: 15,568 S.F. GUEST HOUSE 1st FLOR. COV'D AREA: 2667 S.F.

2667 S.F. / 15,568 S.F. = 17.1% (UNDER 50% O.K.)

BUILDING PAD SLOPE	8.84%
ALLOWABLE NET DISTURBED AREA	60%= 100,289.4 SF
EXISTING GROSS DISTURBED AREA	53.03%= 88,641SF
PROPOSED NEW DISTURBED AREA	
SUBTRACT BUILDING FOOTPRINT:	11,185 SF LIVABLE + 3,093 GARAGE= 14,278 SF
SUBTRACT RETENTION BASIN:	
PREVIOUSLY RESTORED AREAS:	3,505 SF
EQUALS NET PROPOSED DISTURBED AREA:	

OWNER DRIVEWAY

AREA OF DRIVEWAY	5,155	SF	AREA OF DRIVEWAY NOT INCLUDING AUTO COURT OR PARKING AREAS
MAXIMUM DRIVEWAY SLOPE	14.1	%	30% MAXIMUM IS ALLOWED
MINIMUM DRIVWAY WIDTH	14'-0"	FT	MINIMUM 12 FT WIDTH IS REQUIRED
LENGTH OF MAXIMUM DRIVEWAY CUT OVER 8 FT	0	FT	DRIVEWAY CUT OVER 8 FEET LESS THAN 100 FEET IN LENGTH
MATERIAL	CONCRETE PAVER		INDICATE IF EXPOSED AGG. CONCRETE, PAVER, ASPHALT, ETC.
COLOR	CHARCOAL		INDICATE COLOR OF MATERIAL
LRV	20		INDICATE LIGHT REFLECTANCE VALUE OF MATERIAL
MAX DISTANCE FROM NG	60	IN	PROVIDE MAXIMUM DISTANCE FROM NATRUAL GRADE ALONG ENTIRE LENGTH OF THE DRIVEWAY
CREDIT	0	%	CREDIT ONLY APPLIES IF ENTIRE LENGTH OF DRIVEWAY IS WITHIN ALLOWABLE HEIGHT FROM NATURAL GRADE
	0	SF	

GUEST DRIVEWAY

AREA OF DRIVEWAY	8,571	SF	AREA OF DRIVEWAY NOT INCLUDING AUTO COURT OR PARKING AREAS
MAXIMUM DRIVEWAY SLOPE	11.25	%	30% MAXIMUM IS ALLOWED
MINIMUM DRIVWAY WIDTH	14'-0"	FT	MINIMUM 12 FT WIDTH IS REQUIRED
LENGTH OF MAXIMUM DRIVEWAY CUT OVER 8 FT	0	FT	DRIVEWAY CUT OVER 8 FEET LESS THAN 100 FEET IN LENGTH
MATERIAL			INDICATE IF EXPOSED AGG. CONCRETE, PAVER, ASPHALT, ETC.
COLOR			INDICATE COLOR OF MATERIAL
LRV			INDICATE LIGHT REFLECTANCE VALUE OF MATERIAL
MAX DISTANCE FROM NG	24	IN	PROVIDE MAXIMUM DISTANCE FROM NATRUAL GRADE ALONG ENTIRE LENGTH OF THE DRIVEWAY
CREDIT	0	%	CREDIT ONLY APPLIES IF ENTIRE LENGTH OF DRIVEWAY IS WITHIN ALLOWABLE HEIGHT FROM NATURAL GRADE
	0	SF	

# OF RETAININNG WALLS				
RETAINING WALL ID #	LENGTH		HEIGHT	
(EX) WALL ID "EX"	*100*		*8*	
MOUNTAIN COURTYARD	48'-8"	FT	8'-0"	FT
MOUNTAIN MECH	16'-4"		8'-0"	
GUEST AUTOCOURT 1	48'-0"		8'-0"	
GUEST AUTO TERRACE	44'-0"		8'-0"	
LOW TERRACE WALL	80'-0"		5'-0"	
LOW GUEST AUTOCOURT	48'-0"		5'-0"	
MEANDERING OWNERS DR.1	75'-0"		4'-0"	
MEANDERING OWNERS DR.2	27'-6"		4'-0"	
MEANDERING EROSION WALL	100'-0"		5'-6"	
MEANDERING OWNERS DR.	48'-0"		5'-0"	

# OF RETAINING WALLS				
RETAINING WALL ID #	LENGTH		HEIGHT	
(EX) WALL ID "EX"	*100*		*8*	
COURTYARD TERRACE	100'-0"	(5 TURNS)	5'-0"	
MEANDERING OWNERS DR.	47'-8"		8'-0"	
AUTOCOURT WALL	48'-8"	(1 TURN)	6'-0"	
INFINITY EDGE	74'-0"	FT	7'-0"	FT
TERRACE AT OWNERS BATH	27'-8"		8'-0"	
MEANDERING EROSION WALL	54'-0"		2'-0"	
MEANDERING EROSION WALL	54'-0"		2'-0"	
MAXIMUM CONTINOUS WALL LENGTH OF SINGLE WALL	100'-0"	FT	MAXIMUM CONTINOUS LENGTH OF RETAINING WALLS SHALL NOT EXCEED 100 LINEAR FEET PER SECTION 2207-VI-C-1-C.	
MAXIMUM LENGTH OF VISIBLE RETAING WALLS MEASURED FROM ANY POINT AROUND THE PROPERTY	212'	FT	MAXIMUM LENGTH OF VISIBLE RETAING WALLS MEASURED FROM ANY POINT AROUND THE PROPERTY SHALL NOT EXCEED 300 L.F. PER SECTION 2207-VI-B. IDENTIFY THE POINT/LOCATION AND THE APPLICABLE RETAINING WALLS ON THE SITE PLAN.	

AT BACK OF HOUSE- RETAINING WALL ONLY PROJECTS 6" ABOVE HIGHEST GRADE

A NEW RESIDENCE FOR:
The Stoleson Family
6519 E Hummingbird Lane
Paradise Valley, AZ 85253

NOT FOR CONSTRUCTION

Title: SITE PLAN

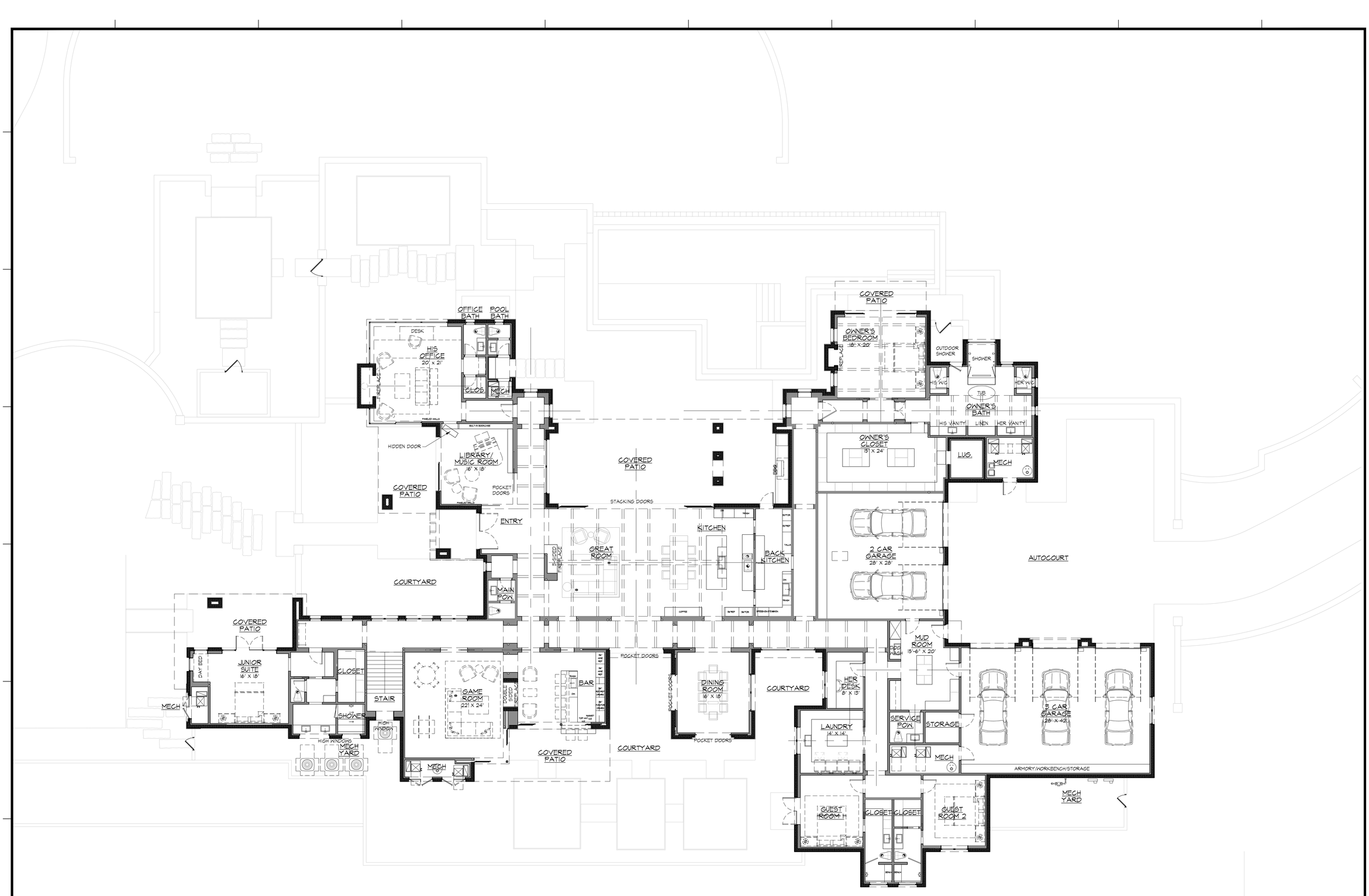
Drawn: Mandith Thomas | Date: February 2nd, 2026

Sheet: A1.0

Scale:

Rev.: | Description: | Date:

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First Floor Plan — 1

1/8" = 1'-0"

NORTH

0 4' 8' 16'

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A NEW RESIDENCE FOR:
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Paradise Valley, AZ 85253

Revisions

Rev:	Description:	Date:
1.		

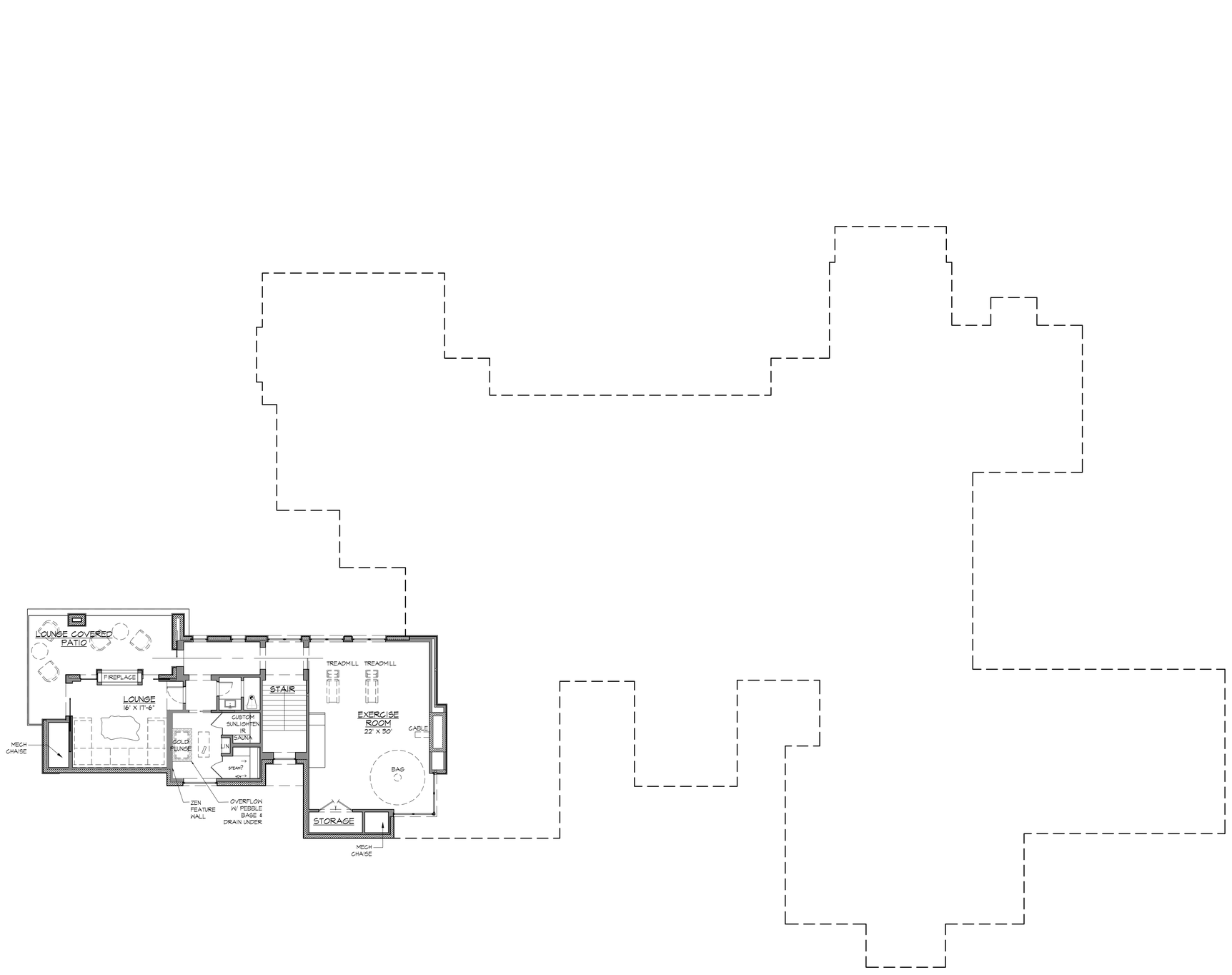
8.21.25 CONCEPT HILLSIDE
NOT FOR CONSTRUCTION

Title: FIRST FLOOR PLAN

Drawn: Meredith Thornton | Date: December 19, 2025

Sheet: A2.1

Scale:



Second Floor Plan 1

1/8" = 1'-0"

NORTH

0 4' 8' 16'

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Revisions

Rev:	Description:	Date:
1.		

A NEW RESIDENCE FOR:
The Stoleson Family
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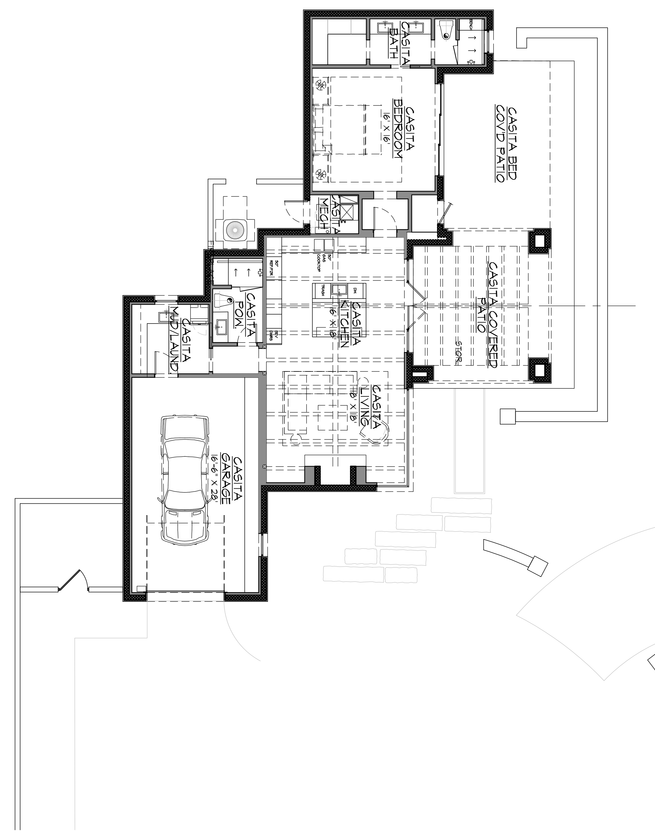
Title: SECOND FLOOR PLAN

Drawn: Meredith Thornton | Date: December 15, 2025

Sheet A2.2

Scale:

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NORTH

Detached Casita Floor Plan (Guest)

1/8" = 1'-0"

0 4' 8' 16'

1

Sheet
A2.3
Scale:

Title :

DETACHED CASITA
FLOOR PLAN (GUEST)

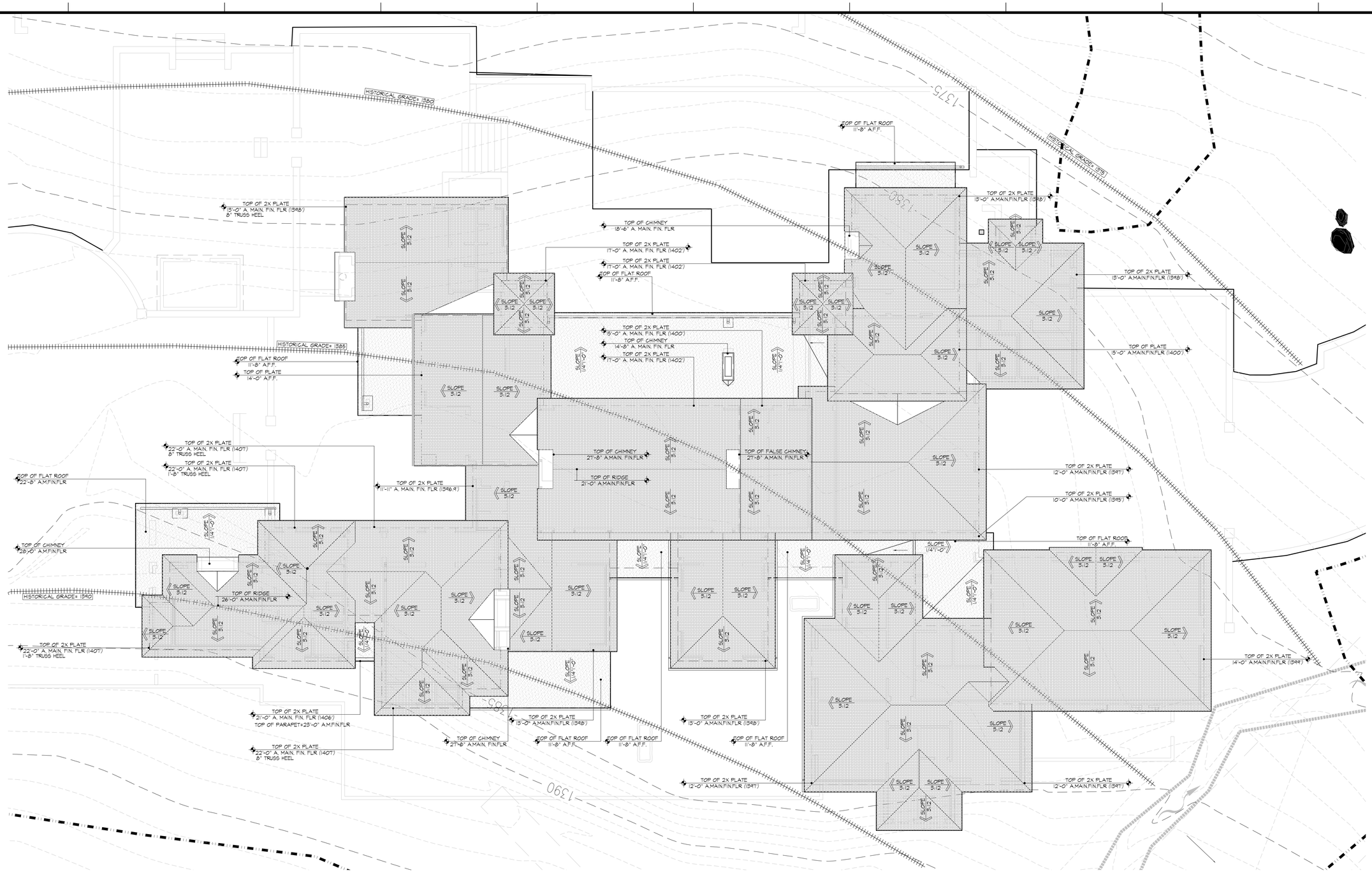
Drawn : Meredith Thomson | Date : December 19, 2025

8.27.25 CONCEPT HILLSIDE
NOT FOR CONSTRUCTION

A NEW RESIDENCE FOR:
The Stoleson Family
6519 E Hummingbird Lane
Paradise Valley, AZ 85253

Revisions

Rev.:	Description :	Date :
1.		



Main House Roof Plan 1

1/8" = 1'-0"

NORTH 0 4' 8' 16'

ROOF MATERIAL KEY

SLOPE ROOFS-CHOLLA TILE/ CLAY TILE:
1. PANS TO BE 100% BARCELONA COLOR
2. ROOF TILE FIELD TO BE 50% BARCELONA AND 50% PINTO BLEND

FLAT ROOF:
1. FOAM ROOFING MATERIAL PAINTED
2. FASCIA TO BE WESTERN STATES DARK MATTE BRONZE 25.4% LRV

A NEW RESIDENCE FOR:
The Stoleson Family
6519 E Hummingbird Lane
Paradise Valley, AZ 85253

Revisions
Rev.: Description: Date:
1.:

8.21.25 CONCEPT HILLSIDE
NOT FOR CONSTRUCTION

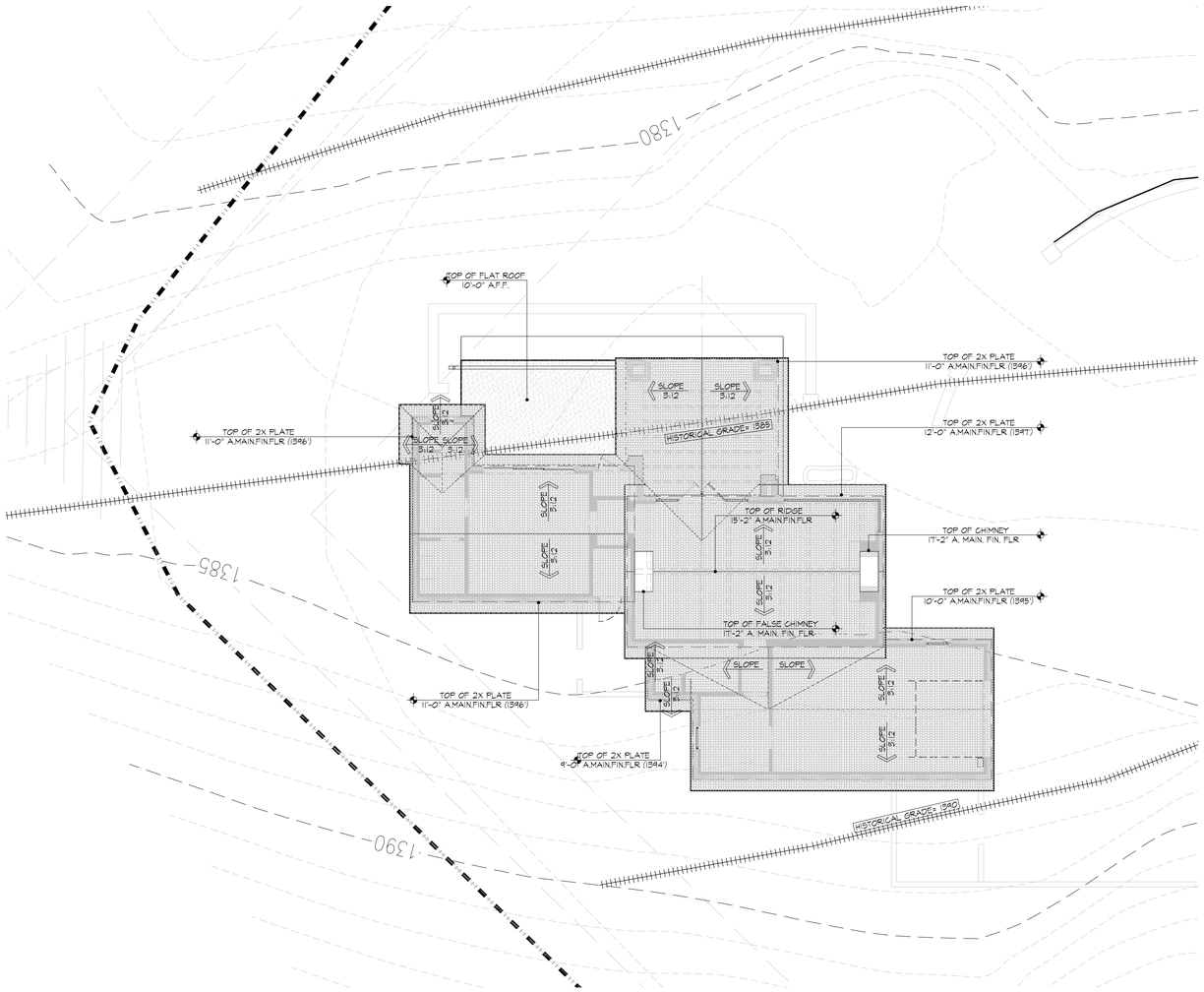
Title: MAIN HOUSE ROOF PLAN

Drawn: Meredith Thomson | Date: December 19, 2025

Sheet: A4.1

Scale:

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Detached Casita Roof Plan — 1

1/8" = 1'-0"

NORTH

0 4' 8' 16'

ROOF MATERIAL KEY

SLOPE ROOFS-CHOLLA TILE/ CLAY TILE:
1. PANS TO BE 100% BARCELONA COLOR
2. ROOF TILE FIELD TO BE 50% BARCELONA AND 50% PINTO BLEND

FLAT ROOF:
1. FOAM ROOFING MATERIAL PAINTED
2. FASCIA TO BE WESTERN STATES DARK MATTE BRONZE 25.9% LRV

A NEW RESIDENCE FOR:
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6519 E Hummingbird Lane
Paradise Valley, AZ 85253

Revisions

Rev.:	Description:	Date:
1.:		

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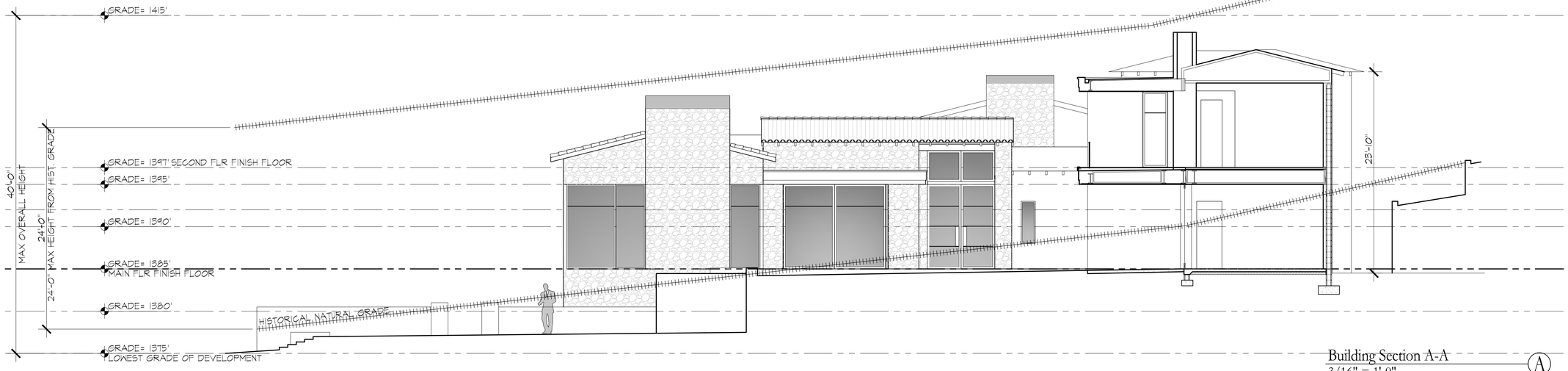
Title :
DETACHED CASITA
ROOF PLAN

Drawn : Meredith Thomson | Date : December 19, 2025

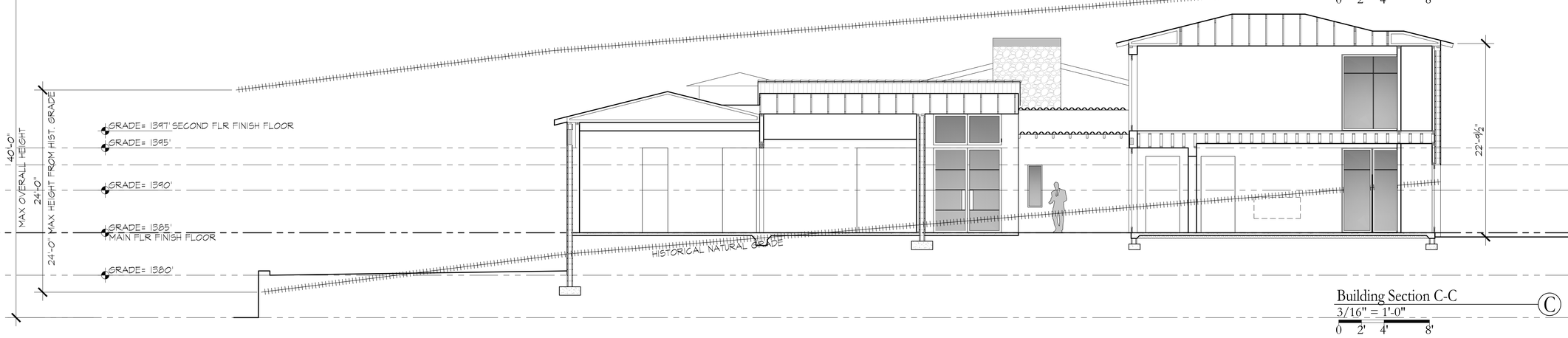
Sheet
A4.2

Scale:

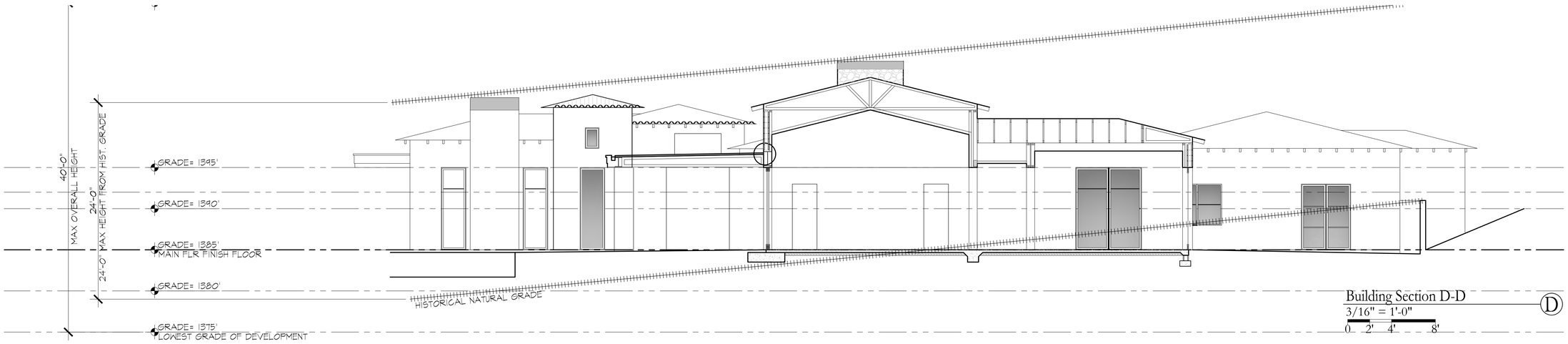
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Building Section A-A
3/16" = 1'-0"
0 2' 4' 8'
A



Building Section C-C
3/16" = 1'-0"
0 2' 4' 8'
C



Building Section D-D
3/16" = 1'-0"
0 2' 4' 8'
D

MAXIMUM BUILDNG HEIGHT FROM NATURAL GRADE	23'-10"	**FT**	MAXIMUM 24' HEIGHT LIMIT PARALLEL TO THE NATURAL GRADE
MAXIMUM BUILDING HEIGHT FROM ADJACENT GRADE	23'-10"	**FT**	VERTICAL PLANE IS LIMITED TO 24' FROM ADJACENT GRADE WHEN THE NATURAL GRADE IS NOT RESTORED BACK
MAXIMUM BUILDING HEIGHT	28'-6"	**FT**	MAXIMUM HEIGHT MEASURED FROM THE LOWEST FINISHED FLOOR TO THE HIGHEST POINT (ROOF, CHIMNEY, ETC.)
MAXIMUM OVERALL HEIGHT	38'-0"	**FT**	MAXIMUM HEIGHT FROM THE LOWEST STRUCTURE (RETAINING WALL, POOL, ETC.) TO THE HIGHEST (ROOF, CHIMNEY, ETC.)

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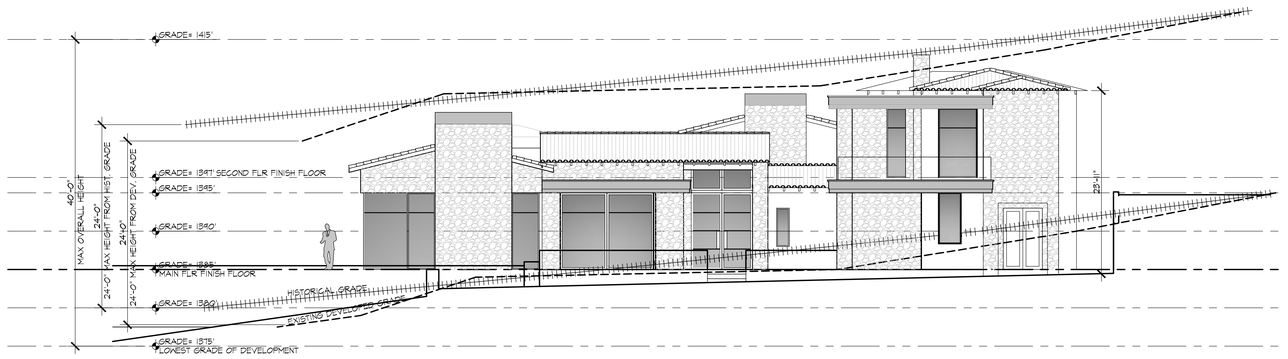
Revisions
Rev.: Description: Date:
1.

A NEW RESIDENCE FOR:
The Stoleson Family
6519 E Hummingbird Lane
Paradise Valley, AZ 85253

8.21.25 CONCEPT HILLSIDE
NOT FOR CONSTRUCTION

Title: BUILDING SECTIONS
Drawn: Meredith Thurmond | Date: December 19, 2025

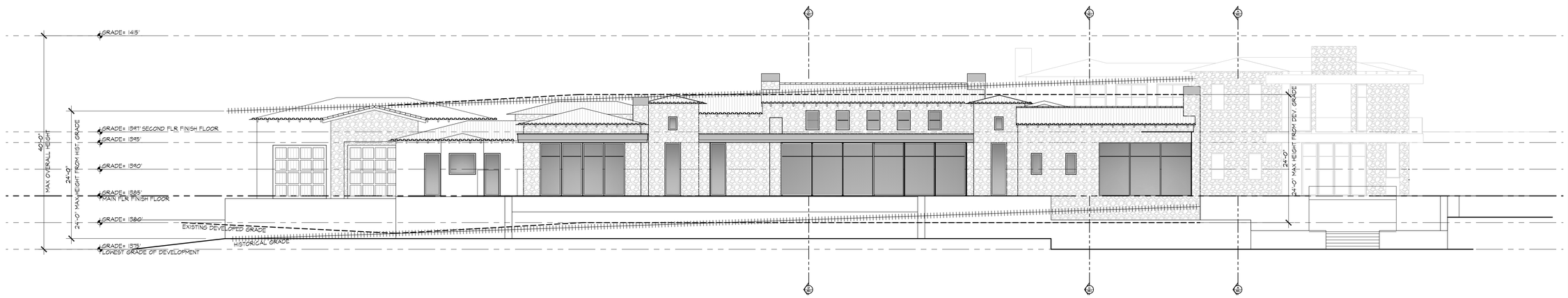
Sheet A5.1
Scale:



Main House- West Elevation 1

1/8" = 1'-0"

0 4' 8' 16'



Main House- North Elevation 2

1/8" = 1'-0"

0 4' 8' 16'

EXTERIOR MATERIAL KEY

SLOPE ROOFS-CHOLLA TILE/ CLAY TILE:
1. PANS TO BE 100% BARCELONA COLOR
2. ROOF TILE FIELD TO BE 50% BARCELONA AND 50% PINTO BLEND

FLAT ROOF:
1. FOAM ROOFING MATERIAL PAINTED
2. FASCIA TO BE WESTERN STATES DARK MATTE BRONZE 25.4% LRV

STONE VENEER:
'SOLSTICE STONE' SANDY SHOALS RUBBLE

STUCCO:
1. DUNN EDWARDS 'EGYPTIAN SAND' DE 6207

MAXIMUM BUILDNG HEIGHT FROM NATURAL GRADE	25'-10"	**FT**	MAXIMUM 24' HEIGHT LIMIT PARALLEL TO THE NATURAL GRADE
MAXIMUM BUILDING HEIGHT FROM ADJACENT GRADE	25'-10"	**FT**	VERTICAL PLANE IS LIMITED TO 24' FROM ADJACENT GRADE WHEN THE NATURAL GRADE IS NOT RESTORED BACK
MAXIMUM BUILDING HEIGHT	28'-6"	**FT**	MAXIMUM HEIGHT MEASURED FROM THE LOWEST FINISHED FLOOR TO THE HIGHEST POINT (ROOF, CHIMNEY, ETC.)
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Revisions
Rev.: Description: Date:
1.

A NEW RESIDENCE FOR:
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Paradise Valley, AZ 85253

8.21.25 CONCEPT HILLSIDE
NOT FOR CONSTRUCTION

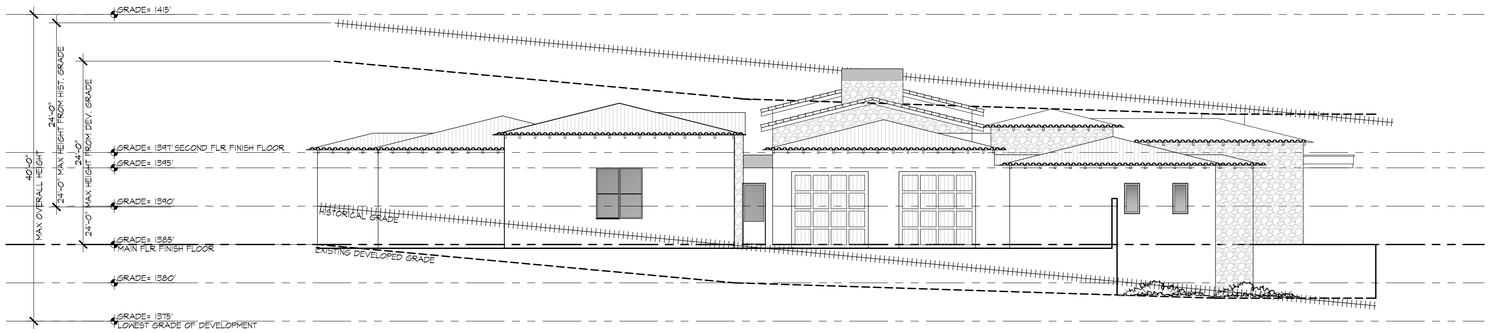
Title:
MAIN HOUSE
EXTERIOR ELEV'S

Drawn: Meredith Thiemsri | Date: December 19, 2025

Sheet A6.1

Scale:

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EXTERIOR MATERIAL KEY

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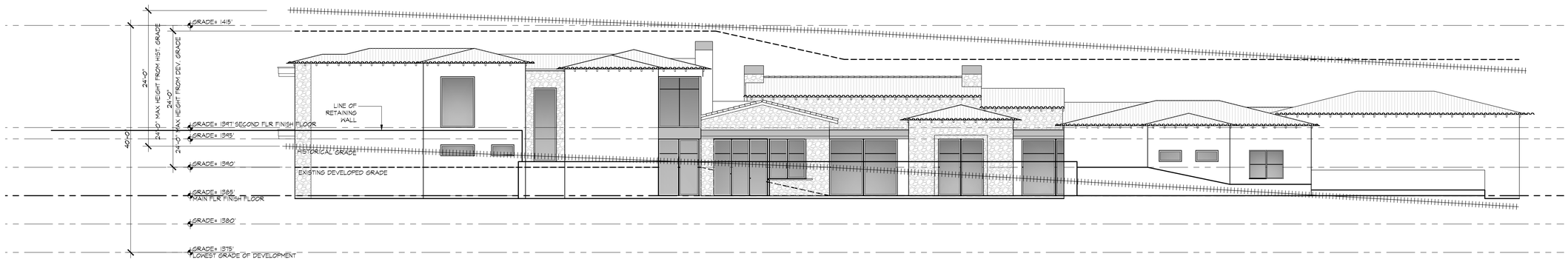
STONE VENEER:
'SOLSTICE STONE' SANDY SHOALS RUBBLE

STUCCO:
1. 'DUNN EDWARDS 'EGYPTIAN SAND' DE 6207

Main House- East Elevation 1

1/8" = 1'-0"

0 4' 8' 16'



Main House- South Elevation 2

1/8" = 1'-0"

0 4' 8' 16'

MAXIMUM BUILDNG HEIGHT FROM NATURAL GRADE	23'-10"	**FT**	MAXIMUM 24' HEIGHT LIMIT PARALLEL TO THE NATURAL GRADE
MAXIMUM BUILDING HEIGHT FROM ADJACENT GRADE	23'-10"	**FT**	VERTICAL PLANE IS LIMITED TO 24' FROM ADJACENT GRADE WHEN THE NATURAL GRADE IS NOT RESTORED BACK
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Revisions

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6519 E Hummingbird Lane
Paradise Valley, AZ 85253

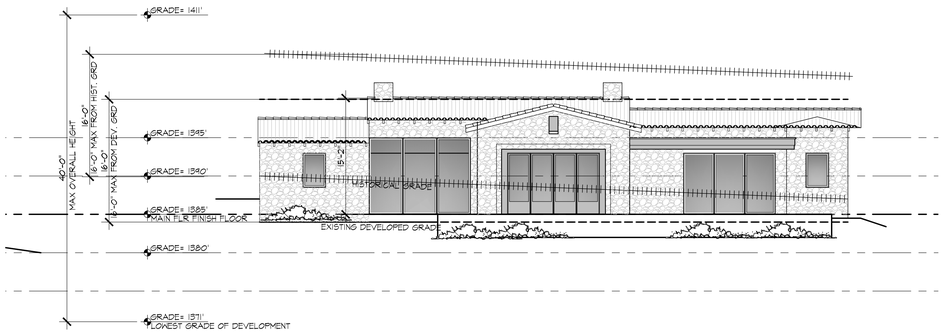
8.21.25 CONCEPT HILLSIDE
NOT FOR CONSTRUCTION

Title:: MAIN HOUSE EXTERIOR ELEV'S

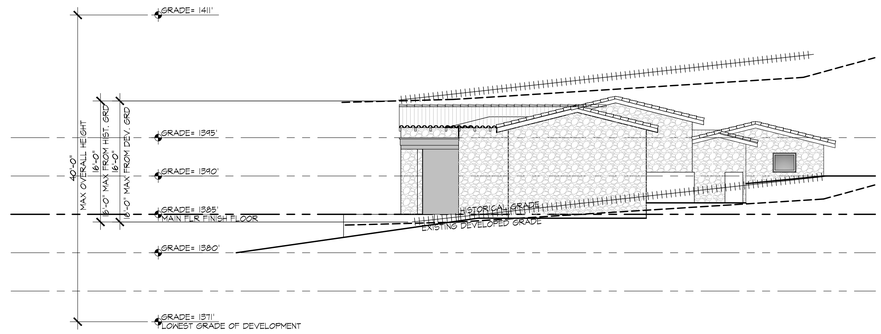
Drawn: Meredith Thurmont | Date: December 19, 2025

Sheet A6.2

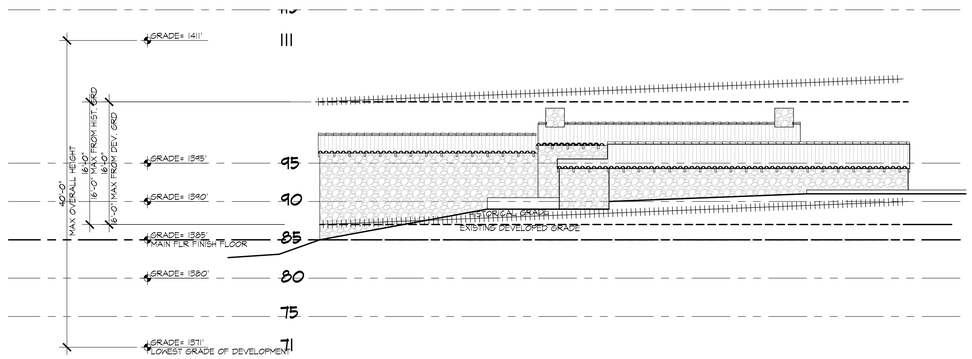
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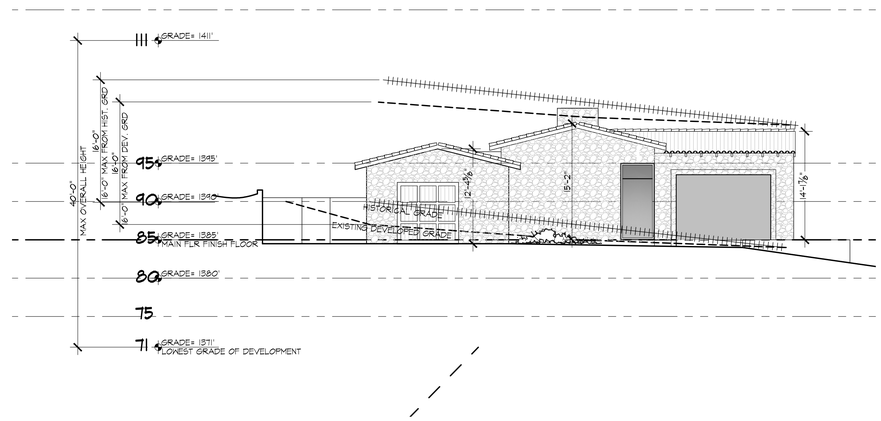
Detached Casita- North Elevation (2)
1/8" = 1'-0"
0 4' 8' 16'



Detached Casita- East Elevation (1)
1/8" = 1'-0"
0 4' 8' 16'



Detached Casita- South Elevation (4)
1/8" = 1'-0"
0 4' 8' 16'



Detached Casita- West Elevation (3)
1/8" = 1'-0"
0 4' 8' 16'

EXTERIOR MATERIAL KEY

SLOPE ROOFS-CHOLLA TILE/ CLAY TILE:
1. PANS TO BE 100% BARCELONA COLOR
2. ROOF TILE FIELD TO BE 50% BARCELONA AND 50% PINTO BLEND

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1. FOAM ROOFING MATERIAL PAINTED
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1:

A NEW RESIDENCE FOR:
The Stoleson Family
6519 E Hummingbird Lane
Paradise Valley, AZ 85253

8.21.25 CONCEPT HILLSIDE
NOT FOR CONSTRUCTION

Title: DETACHED CASITA EXTERIOR ELEV'S

Drawn: Meredith Thomson | Date: December 19, 2025

Sheet A6.3

Scale:

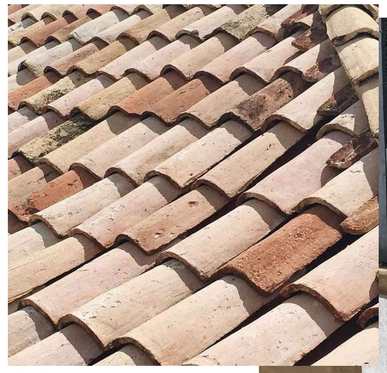
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FLATROOF FASCIA
WESTERN STATES
METAL IN DARK
MATTE BRONZE
LRV=25.9%





ROOF TILE:
CHOLLA TILE CLAY TILE ROOF
1. PANS= 100% BARCELONA
2. ROOF TILE FIELD= 50% BARCELONA AND 50% PINTO BLEND

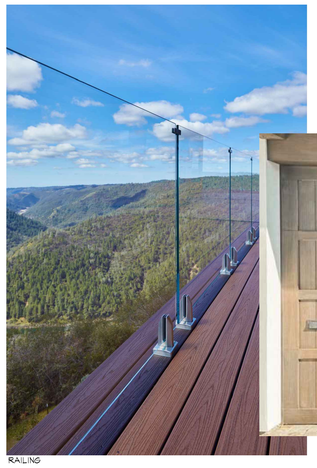


EXTERIOR STONE:
1. 'SOLSTICE STONE' SANDY SHOALS RUBBLE

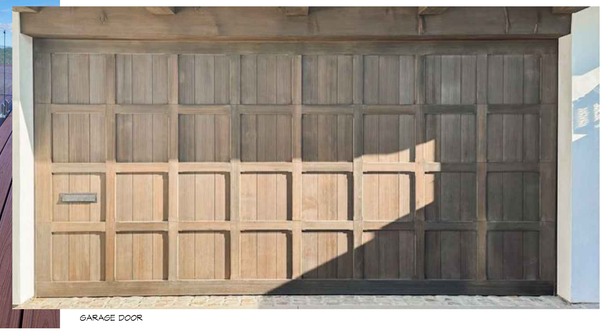


STUCCO COLOR:
1. DUNN EDWARDS 'EGYPTIAN SAND' DE 6207





RAILING



GARAGE DOOR







DOORS AND WINDOWS= EURO BRONZE

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Rev: | Description: | Date:
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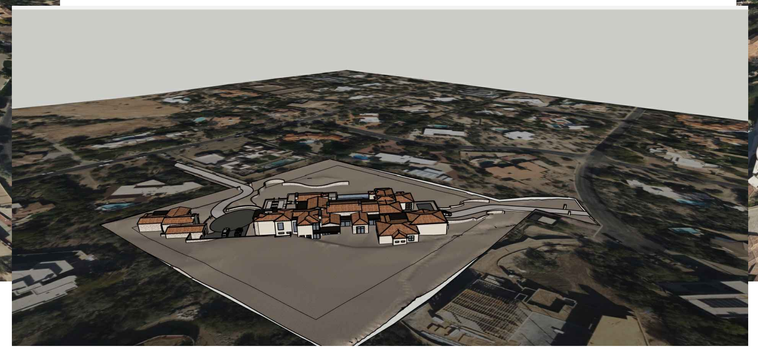
Title: EXTERIOR MATERIALS
Drawn: Meredith Thurmond | Date: December 19, 2025

A6.4

Sheet
Scale:



VIEW 7 — 7



VIEW 8 — 8



VIEW 1 — 1



VIEW 6 — 6



MEADOWLARK

HUMMINGBIRD LANE



VIEW 2 — 2



VIEW 5 — 5



VIEW 4 — 4



VIEW 3 — 3

A NEW RESIDENCE FOR:
The Stoleson Family
6519 E Hummingbird Lane
Paradise Valley, AZ 85253

8.21.25 CONCEPT HILLSIDE
NOT FOR CONSTRUCTION

Title: 3D MODEL VIEWS

Drawn: Meridith Thornton | Date: December 19, 2025

A6.5

Sheet

Scale:

Revisions

Rev:	Description:	Date:
1:		

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LOOKING NORTH



LOOKING SOUTHWEST

Sheet Scale:

A9.6

Title :

EXTERIOR RENDERINGS 1

Drawn : Meredith Thomson | Date : December 19, 2025

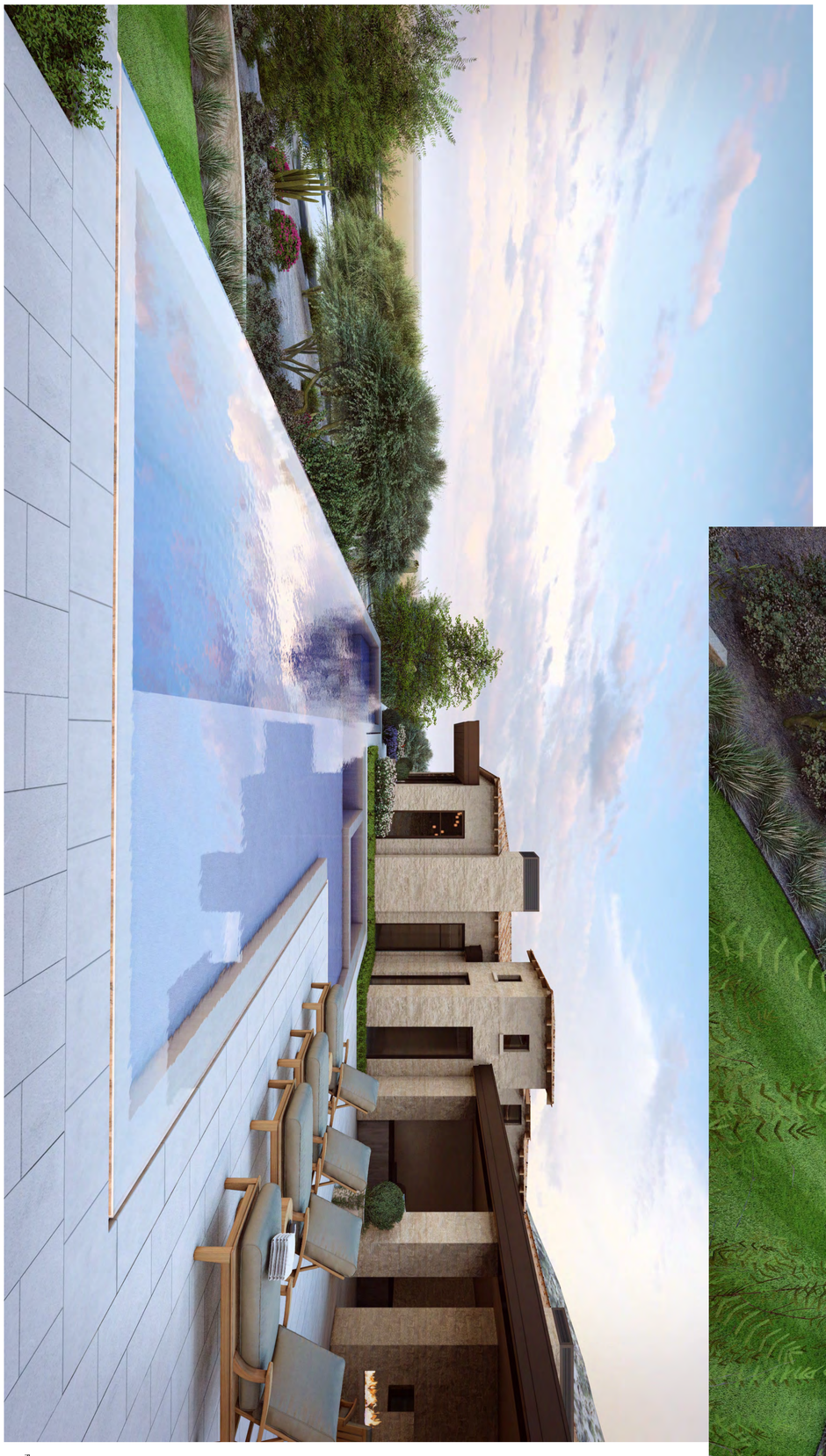
8.21.25 CONCEPT HILLSIDE
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A NEW RESIDENCE FOR:
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Paradise Valley, AZ 85253

Revisions

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POOL LOOKING TO THE EAST



VIEW FROM THE NORTHEAST LOOKING SOUTHWEST

Sheet: A6.7

Scale:

Title:

EXTERIOR RENDERINGS 2

Drawn: Meredith Thomson | Date: December 19, 2025

8.21.25 CONCEPT HILLSIDE NOT FOR CONSTRUCTION

A NEW RESIDENCE FOR:
The Stoleson Family
6519 E Hummingbird Lane
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PUBLIC ENTRY



PRIVATE ENTRY





FRONT ENTRY

Sheet
Scale:

A6.8

Title :

EXTERIOR
RENDERINGS 3

Drawn : Meredith Thomson | Date : December 19, 2025

8.21.25 CONCEPT HILLSIDE
NOT FOR CONSTRUCTION

A NEW RESIDENCE FOR:
The Stoleson Family
6519 E Hummingbird Lane
Paradise Valley, AZ 85253

Revisions

Rev.:	Description :	Date :
1.		

PRELIMINARY GRADING & DRAINAGE PLAN

STOLESON RESIDENCE

6519 & 6528 E HUMMINGBIRD LN., PARADISE VALLEY, AZ 85253

LOCATED IN A PORTION OF THE NE 1/4 OF THE SW 1/4 OF THE SW 1/4 OF SECTION 3, T.2N, R.4E OF THE GILA & SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA

TOWN OF PARADISE VALLEY NOTES

1. GRADING SHALL BE IN CONFORMANCE WITH 2018 IBC.
2. PRIOR TO FIRST FOOTING INSPECTION OF ANY TYPE, ALL PROPERTY PINS SHALL BE PLACED BY A REGISTERED LAND SURVEYOR OF THE STATE OF ARIZONA, AND PROPERTY LINES MUST BE PHYSICALLY IDENTIFIED PRIOR TO INSPECTION.
3. WHERE EXCAVATION IS TO OCCUR THE TOP 4" OF EXCAVATED NATIVE SOIL SHALL REMAIN ON THE SITE AND SHALL BE REUSED IN A MANNER THAT TAKES ADVANTAGE OF THE NATURAL SOIL SEED BANK IT CONTAINS.
4. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS (M.A.G.) SPECIFICATIONS AND STANDARD DETAILS.
5. ALL EXTERIOR SITE LIGHTING SHALL COMPLY WITH REQUIREMENTS OF SECTION 2208 OF THE TOWN OF PARADISE VALLEY ZONING ORDINANCES FOR FUTURE TYPE, LOCATION, HEIGHT, WATTAGE BASED UPON FIXTURES INSTALLED.
6. A DUST CONTROL PLAN MEETING THE REQUIREMENTS OF RULE 310 OF THE MARICOPA COUNTY AIR POLLUTION CONTROL REGULATIONS, AS AMENDED, IS REQUIRED.
7. A SEPARATE PERMIT IS NECESSARY FOR ANY OFFSITE CONSTRUCTION.
8. AN APPROVED GRADING AND DRAINAGE PLAN SHALL BE ON THE JOB SITE AT ALL TIMES. DEVIATIONS FROM THE PLAN MUST BE PRECEDED BY AN APPROVED PLAN REVISION.
9. EAVE PROJECTIONS INTO REQUIRED SETBACKS ARE LIMITED TO A MAXIMUM OF 24" PURSUANT TO SECTION 1008 OF THE TOWN OF PARADISE VALLEY ZONING ORDINANCES.
10. ALL STRUCTURES AND LANDSCAPING WITHIN THE SIGHT VISIBILITY TRIANGLE SHALL HAVE A 2 FOOT MAXIMUM HEIGHT.
11. ALL NEW AND EXISTING ELECTRICAL SERVICE TO BE BURIED UNDERGROUND PER THE TOWN OF PARADISE VALLEY STANDARDS.
12. POOL, SPA, BARBECUE AND ANY PROPOSED STRUCTURES OVER 8 INCHES ABOVE GRADE REQUIRE SEPARATE PERMIT APPLICATIONS.
13. POOLS SHALL BE CONSTRUCTED BY SEPARATE PERMIT AND SECURED FROM UNWANTED ACCESS PER SECTION 5-2-2 OF THE TOWN OF PARADISE VALLEY ORDINANCES.
14. A SETBACK CERTIFICATION IS REQUIRED AND MUST BE GIVEN TO TOWN INSPECTOR AT STEM WALL INSPECTION.
15. MAIL BOX TO COMPLY WITH THE TOWN OF PARADISE VALLEY STANDARDS FOR MAIL BOXES IN THE R.O.W. FOR HEIGHT, WIDTH AND BREAK AWAY FEATURES.
16. ALL PATIOS, WALKS, AND DRIVES TO SLOPE AWAY FROM BUILDING AND GARAGES AT A MINIMUM SLOPE OF 1/4" PER FOOT UNLESS SPECIFIED OTHERWISE. ALL LAWN AREAS ADJOINING WALKS OR SLABS WILL BE GRADED TO 2" BELOW THE TOP OF SLAB. TYPICAL FINISHED GRADE AROUND PERIMETER OF BUILDING IS MINUS 6" BELOW FINISHED FLOOR UNLESS SPECIFIED OTHERWISE.
17. ALL MATERIAL TO BE UNDER SLABS AND WALKS SHALL BE COMPACTED TO NOT LESS THAN 95% PER ASTM D698.
18. SOILS COMPACTION TEST RESULTS MUST BE SUBMITTED TO THE TOWN ENGINEER'S OFFICE FOR BUILDING PADS THAT HAVE ONE (1) FOOT OR MORE OF FILL MATERIAL INDICATED. THIS INFORMATION MUST BE SUPPLIED PRIOR TO REQUEST FOR FINAL INSPECTION.
19. TRENCH BED SHALL BE FREE OF ROCKS AND DEBRIS.
20. LOWEST FLOOR ELEVATION CERTIFICATE (LFE) IS REQUIRED AND SHALL BE UPLOADED TO YOUR PERMIT DOCUMENTS PRIOR TO SCHEDULING OF STRAP SHEAR INSPECTION.
21. REGULATION II RULE 20-3 OF THE MARICOPA COUNTY HEALTH DEPARTMENT, BUREAU OF AIR POLLUTION CONTROL SHALL BE OBSERVED AND ENFORCED.
22. ALL WORK REQUIRED TO COMPLETE THE CONSTRUCTION COVERED BY THIS PLAN SHALL BE IN ACCORDANCE WITH THE M.A.G. STANDARD SPECIFICATIONS AND DETAILS AND CURRENT SUPPLEMENTS THEREOF PER THE LOCAL CITY OR TOWN UNLESS SPECIFIED OTHERWISE IN THESE PLANS OR ELSEWHERE IN THE CONTRACT DOCUMENTS. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH ALL REQUIRED STANDARD SPECIFICATIONS, DETAILS AND SUPPLEMENTS PRIOR TO BIDDING THE WORK FOR THE CONSTRUCTION COVERED BY THIS PLAN.
23. THE CONTRACTOR IS TO COMPLY WITH ALL LOCAL STATE, AND FEDERAL LAWS AND REGULATIONS APPLICABLE TO THE CONSTRUCTION COVERED BY THIS PLAN.
24. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL PERMITS REQUIRED TO COMPLETE ALL WORK COVERED BY THIS PLAN.
25. ALL CONSTRUCTION IN THE PUBLIC RIGHTS-OF-WAY OR IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) UNIFORM STANDARD SPECIFICATIONS AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION.
26. THE TOWN ONLY APPROVES THE SCOPE, NOT THE DETAIL, OF ENGINEERING DESIGNS; THEREFORE, IF CONSTRUCTION QUANTITIES ARE SHOWN ON THESE PLANS, THEY ARE NOT VERIFIED BY THE TOWN.
27. THE APPROVAL OF PLANS IS VALID FOR SIX (6) MONTHS. IF AN ENCROACHMENT PERMIT FOR THE CONSTRUCTION HAS NOT BEEN ISSUED WITHIN SIX MONTHS, THE PLANS MUST BE RESUBMITTED TO THE TOWN FOR RE-APPROVAL.
28. A PUBLIC WORKS INSPECTOR WILL INSPECT ALL WORKS WITHIN THE TOWN OF PARADISE VALLEY RIGHTS-OF-WAY AND IN EASEMENTS. NOTIFY INSPECTION SERVICES 24 HOURS PRIOR TO BEGINNING CONSTRUCTION BY CALLING 480- 312-5750.
29. WHENEVER EXCAVATION IS NECESSARY, CALL THE BLUE STAKE CENTER, 602-263-1100, TWO WORKING DAYS BEFORE EXCAVATION BEGINS. THE CENTER WILL SEE THAT THE LOCATION OF THE UNDERGROUND UTILITY LINES IS IDENTIFIED FOR THE PROJECT. CALL "COLLECT" IF NECESSARY.
30. ENCROACHMENT PERMITS ARE REQUIRED FOR ALL WORK IN PUBLIC RIGHTS-OF-WAY AND EASEMENTS GRANTED FOR PUBLIC PURPOSES. AN ENCROACHMENT PERMIT WILL BE ISSUED BY THE TOWN ONLY AFTER THE REGISTRANT HAS PAID A BASE FEE PLUS A FEE FOR INSPECTION SERVICES. COPIES OF ALL PERMITS MUST BE RETAINED ON-SITE AND BE AVAILABLE FOR INSPECTION AT ALL TIMES. FAILURE TO PRODUCE THE REQUIRED PERMITS WILL RESULT IN IMMEDIATE SUSPENSION OF ALL WORK UNTIL THE PROPER PERMIT DOCUMENTATION IS OBTAINED.
31. ALL EXCAVATION AND GRADING THAT IS NOT IN THE PUBLIC RIGHTS-OF-WAY OR NOT IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO CHAPTER 70, EXCAVATION AND GRADING, OF THE LATEST EDITION OF THE IBC BY THE ICC. A PERMIT FOR THIS GRADING MUST BE SECURED FROM THE TOWN FOR A FEE ESTABLISHED BY THE UNIFORM BUILDING CODE.
32. EXCAVATIONS SHALL COMPLY WITH REQUIREMENTS OF OSHA EXCAVATION STANDARDS (29 CFR, PART 1926, SUBPART P). UNDER NO CIRCUMSTANCES WILL THE CONTRACTORS BE ALLOWED TO WORK IN A TRENCH LOCATED WITHIN THE TOWN'S RIGHT-OF-WAY WITHOUT PROPER SHORING OR EXCAVATION METHODS.
33. ON DEMOLITION, GRADING, REMODELING AND NEW CONSTRUCTION PROJECTS, PERMITTEE MUST NOTIFY ADJACENT PROPERTY OWNERS REGARDING THE NATURE OF THE PROJECT, THE TIME PERIOD FOR CONSTRUCTION, AND ANY UNUSUAL ACTIVITIES THAT MAY CAUSE DISRUPTION OF THE NORMAL COURSE OF TRAFFIC DURING CONSTRUCTION.
34. ALL PERMITTEES MUST POST A 6 SQUARE FOOT (2'X3') IDENTIFICATION SIGN, MADE OF DURABLE MATERIAL, IN THE FRONT YARD OF SUBJECT PROPERTY AND NOT IN THE TOWN RIGHT-OF-WAY. THE SIGN MAY NOT EXCEED A MAXIMUM OF 6 FEET IN HEIGHT FROM GRADE TO TOP OF THE SIGN. THE SIGN MUST INCLUDE THE PERMITTEE OR COMPANY NAME, PHONE NUMBER, TYPE OF WORK, AND ADDRESS OF PROJECT.
35. WHEN DEEMED NECESSARY, A 6-FOOT HIGH CHAIN LINK FENCE MUST BE INSTALLED AROUND THE CONSTRUCTION AREA TO PREVENT ANY POTENTIAL SAFETY HAZARD FOR THE PUBLIC. THE FENCE SHALL BE SETBACK AT LEAST 10 FEET FROM ALL RIGHTS-OF-WAY AND HAVE A 50-FOOT STREET CORNER SITE TRIANGLE WHERE APPLICABLE.
36. CLEAR ACCESS FOR NEIGHBORING PROPERTIES AND EMERGENCY VEHICLES MUST BE MAINTAINED AT ALL TIMES. CONSTRUCTION RELATED VEHICLES MUST BE LEGALLY PARKED ONLY ON ONE SIDE OF THE STREET OR JOB SITE PROPERTY. IF A STAGING AREA IS NEEDED ON A PROPERTY OTHER THAN THE CONSTRUCTION SITE FOR CONSTRUCTION SUPPLIES AND EQUIPMENT, THE PERMITTEE MUST OBTAIN PROPERTY OWNER AND TOWN APPROVAL FIRST AND MUST INFORM THE ADJACENT PROPERTY OWNERS OF THE LOCATION OF STAGING AREA, AND TIME AND HOURS DURING THE DAY THE AREA WILL BE USED.
37. EXCEPT AS OUTLINED IN ITEM 4, ALL CONSTRUCTION DEBRIS AND EQUIPMENT MUST BE CONTAINED ON SITE AT ALL TIMES. CONTRACTOR AND PROPERTY OWNER MUST MAINTAIN THE JOB SITE FREE OF LITTER AND UNSIGHTLY MATERIALS AT ALL TIMES. CONSTRUCTION MATERIALS ARC PROHIBITED IN THE TOWN RIGHT-OF-WAY OR NEAR ADJACENT PROPERTIES.
38. BUILDING CONSTRUCTION MUST NOT START SOONER THAN SUNRISE AND MUST STOP NO LATER THAN SUNSET. ALSO, ORDINANCE #561 IMPOSES RESTRICTIONS ON CONSTRUCTION WORK ON SATURDAYS, SUNDAYS AND MAJOR BUSINESS HOLIDAYS. HILLSIDE PROJECTS MAY HAVE ADDITIONAL RESTRICTIONS. EQUIPMENT WITH AUDIBLE REVERSE DIRECTION WARNINGS MUST NOT BE OPERATED PRIOR TO 7:00 A.M.
39. THE USE AND OPERATION OF FUEL-FIRED GENERATORS ON ANY CONSTRUCTION SITE, NEW, EXISTING OR REMODELING, IS PROHIBITED UNLESS DUE TO A HARDSHIP TOWN APPROVAL IS OBTAINED.
40. THE CONTRACTOR AND PROPERTY OWNER WILL BE LIABLE FOR ANY DAMAGE DONE TO ANY PUBLIC PROPERTY AS A RESULT OF ANY CONSTRUCTION OR CONSTRUCTION RELATED ACTIVITIES. NO CERTIFICATE OF OCCUPANCY WILL BE ISSUED UNTIL ALL AFFECTED RIGHTS-OF-WAY ARE CLEANED AND/OR REPAIRED TO THEIR ORIGINAL CONDITION AND UNTIL ANY AND ALL DAMAGES TO AFFECTED PROPERTIES ARE RESTORED TO ORIGINAL CONDITION, OR UNTIL SUCH TIME THAT A WRITTEN, SIGNED AND LEGALLY BINDING AGREEMENT HAS BEEN REACHED BY THC PARTIES INVOLVED TO REMEDY ANY VIOLATION WITHIN A REASONABLE TIME PERIOD, AND UNTIL ALL REQUIRED FEES ARE PAID IN FULL.
41. THE NATURAL FLOW OF RAINWATER AND OTHER SURFACE DRAINAGE FROM THE PROPERTY MAY NOT BE ALTERED IN ANY WAY.
42. A KEY SWITCH SHALL BE REQUIRED ON ALL NEW AND EXISTING ELECTRIC ENTRY CONTROL GATES. THE KEY SWITCH SHALL BE INSTALLED IN A LOCATION ON THE GATE CONTROL PANEL THAT IS READILY VISIBLE AND ACCESSIBLE. KNOX BOX ORDER FORMS ARE AVAILABLE AT THE PARADISE VALLEY BUILDING DEPARTMENT.
43. ALL EQUIPMENT OF ALL TRADES ON OR AFFECTING THE JOB MUST BE CLEANED ONLY IN A PRE-DETERMINED AND DESIGNATED AREA. DEBRIS AND RUNOFF FROM SAID AREA MAY NOT EXTEND BEYOND THE BUILDING AREA.
44. PROPERTY OWNER, BUILDER, OR GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR CONTROLLING DUST FROM THE SITE AT ALL TIMES. ALL MEANS NECESSARY SHALL BE USED BY THE BUILDER OR GENERAL CONTRACTOR TO CONTROL THE EXISTENCE OF DUST CAUSED BY ANY EARTHWORK, SPRAY APPLICATION OF MATERIALS, OR OTHER DUST-CAUSING PRACTICES REQUIRED BY THE CONSTRUCTION PROCESS.
45. AN INSPECTION FEE WILL BE CHARGED IF THE INSPECTION IS REQUIRED AS A RESULT OF A CODE VIOLATION.
46. FOR DEMOLITION INSPECTION OWNER OR PERMITTEE SHALL NOTIFY OSHA FOR ASBESTOS INSPECTION. ALL DEMOLITIONS AND ALL RENOVATION ACTIVITIES THAT WILL DISTURB FRIABLE ASBESTOS CONTAINING MATERIALS MUST BE REPORTED TO THE MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT.

ENGINEERS NOTES

1. MARICOPA ASSOCIATION OF GOVERNMENTS (M.A.G.) UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION INCLUDING LATEST REVISION AND CURRENT SUPPLEMENTS THEREOF PER THE LOCAL TOWN OR CITY) ARE INCORPORATED INTO THIS PLAN IN THEIR ENTIRETY.
2. ALL WORK REQUIRED TO COMPLETE THE CONSTRUCTION COVERED BY THIS PLAN SHALL BE IN ACCORDANCE WITH THE M.A.G. STANDARD SPECIFICATIONS AND DETAILS AND CURRENT SUPPLEMENTS THEREOF PER THE LOCAL CITY OR TOWN UNLESS SPECIFIED OTHERWISE IN THESE PLANS OR ELSEWHERE IN THE CONTRACT DOCUMENTS. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH ALL REQUIRED STANDARD SPECIFICATIONS, DETAILS AND SUPPLEMENTS PRIOR TO BIDDING THE WORK FOR THE CONSTRUCTION COVERED BY THIS PLAN.
3. GRADING SHALL BE IN CONFORMANCE WITH 2018 IBC SEC. 1803 AND APPENDIX J.
4. 5% MINIMUM SLOPE AWAY FROM BUILDING FOR A MINIMUM 10', U.N.O.
5. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS (M.A.G.) SPECIFICATIONS AND STANDARD DETAILS.
6. A DUST CONTROL PLAN MEETING THE REQUIREMENTS OF RULE 310 OF THE MARICOPA COUNTY AIR POLLUTION CONTROL REGULATIONS, AS AMENDED, IS REQUIRED.
7. A SEPARATE PERMIT IS NECESSARY FOR ANY OFFSITE CONSTRUCTION.
8. AN APPROVED GRADING AND DRAINAGE PLAN SHALL BE ON THE JOB SITE AT ALL TIMES. DEVIATIONS FROM THE PLAN MUST BE PRECEDED BY AN APPROVED PLAN REVISION.
9. ALL DRAINAGE PROTECTIVE DEVICES SUCH AS SWALES, INTERCEPTOR DITCHES, PIPES, PROTECTIVE BERMS, BARRIER WALLS, CONCRETE CHANNELS OR OTHER MEASURES DESIGNED TO PROTECT ADJACENT BUILDINGS OR PROPERTY FROM STORM RUNOFF MUST BE COMPLETED PRIOR TO BUILDING CONSTRUCTION.
10. ALL STRUCTURES AND LANDSCAPING WITHIN THE SIGHT VISIBILITY TRIANGLE SHALL HAVE A 2 FOOT MAXIMUM HEIGHT.
11. ALL PATIOS, WALKS, AND DRIVES TO SLOPE AWAY FROM BUILDING AND GARAGES AT A MINIMUM SLOPE OF 1/4" PER FOOT UNLESS SPECIFIED OTHERWISE. ALL LAWN AREAS ADJOINING WALKS OR SLABS WILL BE GRADED TO 2" BELOW THE TOP OF SLAB. TYPICAL FINISHED GRADE AROUND PERIMETER OF BUILDING IS MINUS 6" BELOW FINISHED FLOOR UNLESS SPECIFIED OTHERWISE.
12. ALL MATERIAL TO BE UNDER SLABS AND WALKS SHALL BE COMPACTED TO NOT LESS THAN 95% PER ASTM D698.
13. THE QUANTITIES AND SITE CONDITIONS DEPICTED IN THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE SUBJECT TO ERROR AND OMISSION. CONTRACTORS SHALL SATISFY THEMSELVES AS TO ACTUAL QUANTITIES AND SITE CONDITIONS PRIOR TO BIDDING THE WORK FOR THE CONSTRUCTION COVERED BY THIS PLAN.
14. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL PERMITS REQUIRED TO COMPLETE ALL WORK COVERED BY THIS PLAN.
15. THE CONTRACTOR IS RESPONSIBLE FOR ALL METHODS, SEQUENCING, AND SAFETY CONCERNS ASSOCIATED WITH THIS PROJECT DURING CONSTRUCTION, UNLESS SPECIFICALLY ADDRESSED OTHERWISE IN THIS PLAN OR ELSEWHERE.
16. A REASONABLE EFFORT HAS BEEN MADE TO SHOW THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES AND UTILITIES IN THE CONSTRUCTION AREA. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES AND/OR FACILITIES CAUSED DURING THEIR CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL CALL 48 HOURS IN ADVANCE FOR BLUE STAKE (1-800-STAKE-IT) PRIOR TO ANY EXCAVATION.
17. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION OF CONSTRUCTION AFFECTING UTILITIES AND THE COORDINATION OF ANY NECESSARY UTILITY RELOCATION WORK.
18. ALL PAVING, GRADING, EXCAVATION, TRENCHING, PIPE BEDDING, CUT, FILL AND BACKFILL SHALL COMPLY WITH THE RECOMMENDATIONS SET FORTH IN THE SOILS (GEOTECHNICAL) REPORT FOR THIS PROJECT IN ADDITION TO THE REFERENCED REQUIRED SPECIFICATIONS AND DETAILS.
19. THE CONTRACTOR IS TO VERIFY THE LOCATION AND THE ELEVATIONS OF ALL EXISTING UTILITIES AT POINTS OF TIE-IN PRIOR TO COMMENCING ANY NEW CONSTRUCTION. SHOULD ANY LOCATION OR ELEVATION DIFFER FROM THAT SHOWN ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE OWNER'S AGENT.
20. CONTRACTOR TO VERIFY AND COORDINATE ALL DIMENSIONS AND SITE LAYOUT WITH ARCHITECTURE'S FINAL SITE PLAN AND FINAL BUILDING DIMENSIONS BEFORE STARTING WORK. REPORT DISCREPANCIES TO OWNER'S AGENT.
21. COORDINATION BETWEEN ALL PARTIES IS ESSENTIAL PART OF CONTRACT.
22. CONTRACTOR IS RESPONSIBLE FOR PROJECT AND SITE CONDITIONS, AND TO WORK WITH WEATHER CONDITIONS AS THE PROJECT SITE MAY BE LOCATED IN A FLOOD PRONE AREA AND SUBJECT TO FLOODING AND ITS HAZARDS.
23. THE CONTRACTOR IS TO VERIFY THE LOCATION, ELEVATION, CONDITION, AND PAVEMENT CROSS-SLOPE OF ALL EXISTING SURFACES AT POINTS OF TIE-IN AND MATCHING, PRIOR TO COMMENCEMENT OF GRADING, PAVING, CURB AND GUTTER, OR OTHER SURFACE CONSTRUCTION. SHOULD EXISTING LOCATIONS, ELEVATIONS, CONDITION, OR PAVEMENT CROSS-SLOPE DIFFER FROM THAT SHOWN ON THESE PLANS, RESULTING IN THE DESIGN INTENT REFLECTED ON THESE PLANS NOT ABLE TO BE CONSTRUCTED, THE CONTRACTOR SHALL NOTIFY THE OWNER'S AGENT IMMEDIATELY FOR DIRECTION ON HOW TO PROCEED PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR ACCEPTS RESPONSIBILITY FOR ALL COSTS ASSOCIATED WITH CORRECTIVE ACTION IF THESE PROCEDURES ARE NOT FOLLOWED.
24. CONTRACTOR IS RESPONSIBLE TO COORDINATE UTILITY CROSSINGS AT CULVERT CROSSINGS BEFORE STARTING WORK ON CULVERT. COORDINATE WITH OWNER REPRESENTATIVE. VERIFY UTILITY LINES AND/OR CONDUITS ARE IN PLACE BEFORE STARTING CULVERT WORK.
25. ALL ON-SITE UTILITIES PER OTHERS.
26. THIS PROJECT REQUIRES A REGULAR ONGOING MAINTENANCE PROGRAM FOR THE DESIGNED DRAINAGE SYSTEM(S) TO PRESERVE THE DESIGN INTEGRITY AND THE ABILITY TO PERFORM ITS OPERATIONAL INTENT. FAILURE TO PROVIDE MAINTENANCE WILL JEOPARDIZE THE DRAINAGE SYSTEM(S)' PERFORMANCE AND MAY LEAD TO IT'S INABILITY TO PERFORM PROPERLY AND/OR CAUSE DAMAGE ELSEWHERE IN THE PROJECT.
27. IF A DISCREPANCY IS FOUND BETWEEN ENGINEER'S PLAN OR SURVEYOR'S STAKING AND THE ARCHITECTURAL PLAN. ENGINEER SHALL BE NOTIFIED IMMEDIATELY. FAILURE TO NOTIFY ENGINEER SHALL NEGATE ENGINEER'S LIABILITY.
28. ALL DISTURBED AREAS ARE TO BE ROPED AND ROPING MUST MATCH PLAN.
29. VEGETATION OUTSIDE OF CONSTRUCTION AREA TO REMAIN.
30. AREAS OUTSIDE THE WALL AND CUT AND FILL SLOPES SHALL BE REVEGETATED WITH SIMILAR PLANT TYPES AND DENSITIES FOUND ON THE SITE. REVEGETATION SHALL BE COMPLETED PRIOR TO OCCUPANCY AND THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
31. MECHANICAL EQUIPMENT SHALL BE SCREENED TO A MINIMUM OF ONE FOOT ABOVE TOP OF EQUIPMENT.
32. ANY FUTURE IMPROVEMENTS SHOWN HEREON SHALL REQUIRE A SEPARATE PERMIT.
33. ANY POINTS OF DRAINAGE CONCENTRATION SHOULD BE PROTECTED AGAINST EROSION WITH NATIVE STONE.
34. THIS PLAN IS DESIGNED TO SHOW SITE GRADING AND DRAINAGE CONTRACTOR SHALL USE THE ARCHITECTURAL SITE PLAN TO DETERMINE FINAL HOUSE, WALL, STEP, ETC., LOCATIONS AND ELEVATIONS.
35. ALL DRAINAGE FACILITIES TO BE MAINTAINED BY HOMEOWNER.
36. SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR SITE AND RETAINING WALLS LAYOUT, DIMENSIONS, AND DETAILS. TOP OF FOOTING ELEVATIONS SHOWN IN PLAN ARE APPROXIMATE ONLY. ACTUAL TOP OF FOOTINGS TO BE DETERMINED AT TIME OF CONSTRUCTION AND TO BE A MINIMUM OF SIX INCHES BELOW EXISTING NATURAL GRADE OR FINISHED GRADE WHICHEVER IS LOWER (TYPICAL).
37. REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING LAYOUT, DIMENSIONS AND ELEVATIONS.
38. REFER TO STRUCTURAL DRAWINGS, DETAILS AND CALCULATIONS FOR ALL PROPOSED RETAINING WALLS.
39. FOR CHANGE IN ELEVATION THAT ARE GREATER THAN 30", PROVIDE 36" HIGH GUARDRAILS FOR TOTAL OF 42" FALL PROTECTION BARRIER U.N.O.
40. CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURE – 5% MIN SLOPE FOR FIRST 10 FEET, U.N.O.
41. ALL WATER AND SEWER LINES AND CONNECTIONS MUST BE INSTALLED PER IPC 2018, MAG AND TOWN OF PARADISE VALLEY SUPPLEMENT TO MAG.
42. WATERPROOF ALL EXTERIOR WALLS 18" ABOVE FINISH GRADE–(BITUTHENE® 3000 HC MEMBRANE W/ GRACE PROTECTION 03 OR APPROVED EQUAL).
43. ALL PIPES AND FITTINGS SHALL BE INSTALLED PER MANUFACTURE'S SPECIFICATIONS AND DETAILS.
44. ABANDONMENT OF EXISTING AND INSTALLATION OF NEW SEPTIC SYSTEMS SHALL BE PERFORMED IN ACCORDANCE WITH THE MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT RULES AND STANDARDS, AND WILL REQUIRE SEPARATE PERMIT.
45. COORDINATE RIPRAP COLOR WITH LANDSCAPE PLANS AND DETAILS.
46. VERIFY AND COORDINATE WITH LANDSCAPE PLANS FINAL LOCATION AND GRATE TYPE OF SPECIFIED AREA DRAINS AND TRENCH DRAINS.
47. VERIFY AND COORDINATE WITH ARCHITECTURAL AND LANDSCAPE PLANS LOCATION AND HEIGHT OF ALL SITE WALLS.
48. DISTURBED AREA: TOTAL ACRES = 2.598 ACRES > 1 ACRE; NPDES PERMIT IS REQUIRED.
49. REFER TO ARCHITECTURAL PLANS AND DETAILS FOR DEMOLITION AND REMOVAL OF ANY EXISTING BUILDING STRUCTURES, SITE WALLS, POOL AND PAVEMENT ETC.
50. REFER TO GEOTECHNICAL REPORT FOR SPECIFIC RECOMMENDATIONS AND MAXIMUM ALLOWED FILL AND CUT SLOPES.
51. THE PROPOSED POOL EQUIPMENT FOR THIS PROJECT SHALL BE EQUIPPED WITH CARTRIDGE FILTER IN ORDER TO AVOID THE BACKWASH
52. THE SCOPE OF THIS GRADING AND DRAINAGE PLAN COVERS CERTAIN SITE DRAINAGE IMPROVEMENTS AS DELINEATED BY THE LIMITS OF THE CONSTRUCTION AND IN ACCORDANCE TO THE PREPARED BY THE ARCHITECT SITE PLAN, WHITCH HAS BEEN COORDINATED AND APPROVED BY THE OWNER. LAND DEVELOPMENT GROUP (LDG) ASSUMES NO LIABILITY FOR DRAINAGE ISSUES THAT MAY EXIST AND COULD CAUSE DAMAGE TO THE SUBJECT OR NEIGHBORING PROPERTIES BEYOND THE LIMITS OF THE CONSTRUCTION SHOWN ON THESE PLANS.
53. THE GRADING AND DRAINAGE DESIGN PRESENTED HEREIN IS BASED ON EVALUATING STORMWATER RUNOFF RESULTING FROM A STATISTICAL ANALYSIS OF STORM EVENTS OF PARTICULAR FREQUENCY, UP TO AND INCLUDING 100-YEAR EVENT AS REQUIRED BY THE CITY OF PHOENIX AND MARICOPA COUNTY DRAINAGE DESIGN MANUALS. A STORM EVENT EXCEEDING THE 100-YEAR EVENT MAY CAUSE OR CREATE THE RISK OF GREATER STORM IMPACT THAN IS PRESENTED AND ADDRESSED ON THIS PLAN.

FIRE SPRINKLER SYSTEM

FIRE SPRINKLER SYSTEM TO BE INSTALLED PER THE REQUIREMENTS OF THE TOWN OF PARADISE VALLEY AND IN ACCORDANCE WITH I.B.C. SECT. 904.2.2 AMD. AND 2018 IFC, SEC. 903.

UTILITIES

WATER: CITY OF PHOENIX
SANITARY SEWER: TOWN OF PARADISE VALLEY
ELECTRIC: APS
TELEPHONE: CENTURY LINK, COX COMM.
NATURAL GAS: SOUTHWEST GAS
CABLE TV: CENTURY LINK, COX COMM.

UTILITIES NOTES

HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE ONLY AND WILL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO START OF CONSTRUCTION WORK. CALL BLUE STAKE @ (602) 263-1100.

LEGEND

- × SCRIBED "X" IN CONCRETE
- BRASS CAP IN HANDHOLE
- BRASS CAP FLUSH
- ● FOUND 1" IRON PIPE
- SET 1/2" REBAR & TAG OR AS NOTED
- ○ CALCULATED POINT
- PROPERTY LINE
- EASEMENT LINE
- MONUMENT LINE
- SEWER MANHOLE
- SIGN
- WM WATER METER
- WV WATER VALVE
- FIRE HYDRANT
- IRRIGATION CONTROL BOX
- ELECTRIC METER
- GAS VALVE
- TELEPHONE PEDESTAL
- MANHOLE
- CTV CABLE TV RISER
- T CATV, PHONE
- S SEWER LINE
- W WATER LINE
- E ELECTRIC LINE
- C COMMUNICATIONS LINE
- FENCE
- 1321 EXISTING CONTOUR
- EXIST. DRAINAGE FLOW
- 22.22 EXIST. SPOT ELEVATION
- TREE
- XX.XX PROPOSED SPOT ELEVATION
- XX PROPOSED CONTOUR
- EXISTING DISTURBED AREA
- PROPOSED DISTURBED AREA
- STORM DRAIN PIPE
- CATCH BASIN
- RETAINING WALL
- TP: XX.XX TOP OF PARAPET
- TW: XX.XX TOP OF WALL
- TRW: XX.XX TOP OF RETAINING WALL
- FG: XX.XX FINISH GRADE
- BW: XX.XX BOTTOM OF WALL
- TF: XX.XX TOP OF FOOTING

ABBREVIATIONS

BC	BACK OF CURB
BSL	BUILDING SETBACK LINE
C	CONCRETE, CALCULATED
TPV	TOWN OF PARADISE VALLEY
DE	DRAINAGE EASEMENT
ESMT	EASEMENT
EXIST.	EXISTING
EG	EXISTING GRADE
FG	FINISH GRADE
FFE	FINISH FLOOR ELEVATION
FND	FOUND
G	GUTTER, GAS
INV	INVERT
MAG	MARICOPA ASSOCIATION OF GOVERNMENTS
(M)	MEASURED
MCR	MARICOPA COUNTY RECORDER
P	PAVEMENT
PUE	PUBLIC UTILITY EASEMENT
(R)	RECORDED
R	RADIUS
R/W	RIGHT OF WAY
T	TANGENT, TELEPHONE
W	WEST, WATERLINE
TC	TOP OF CURB

NATIVE PLANTS

ALL NATIVE PLANTS IMPACTED BY CONSTRUCTION SHALL BE RELOCATED ON SITE. SEE LANDSCAPE PLAN AND NATIVE PLANT INVENTORY AND SALVAGE PLAN.

DISTURBED AREA CALCULATIONS

EXIST. LOT AREA:	167,149 S.F. (3.837 AC.)	82,915 S.F. + 84,234 S.F.
TOTAL AREA UNDER ROOF:	19,298 S.F.	
FLOOR AREA RATIO: (AREA UNDER ROOF/AREA OF LOT)	11.54% < 25%	
BUILDING PAD SLOPE:	8.84%	
VERTICAL:	33.2 FT	
HORIZONTAL:	293.6 FT	
ALLOWABLE NET DISTURBED AREA:	60.00%	
ALLOWABLE NET DISTURBED AREA:	100,289 S.F.	
EXISTING GROSS DISTURBED AREA:	53.03%	
EXISTING GROSS DISTURBED AREA:	88,641 S.F.	
PROPOSED DISTURBED AREA:	113,192 S.F. (67.72%)	
PROPOSED NEW DISTURBED AREA*:	30,337 S.F. (18.15%)	
LESS AREAS OF DISTURBANCE:		
TOTAL LIVABLE FOOTPRINT:	11,104 S.F.	
TOTAL GARAGE FOOTPRINT:	2,531 S.F.	
DRIVEWAY CREDIT	0 S.F.	
RETENTION BASIN CREDIT: 5,681*50% =	2,841 S.F.	
RESTORED PREVIOUSLY DISTURBED AREAS:	3,505 S.F.	
NET DISTURBED AREA:	93,211 S.F. (55.76%)	
PERCENT OF LOT STEEPER THAN NATURAL GRADE (5% MAX.):	4,032 S.F. (2.41%)	
VOLUME OF CUT:	2,360 C.Y.	
VOLUME OF FILL:	3,409 C.Y.	
TOTAL CUT&FILL:	5,769 C.Y.	

HILLSIDE ASSURANCE = 35 TIMES THE GRADING PERMIT FEE.

GRADING PERMIT FEE:	$5,640
($168 FIRST 100 CY / $96 EA. ADDITIONAL 100 CY).	
ASSURANCE AMOUNT:	$197,400

ALL QUANTITIES LISTED ON THESE PLANS ARE ESTIMATES ONLY

NEW LEGAL DESCRIPTION

BEING A LOT COMBINATION OF LOTS 1 & 2, MEADOWLARK LOT SPLIT, BOOK 1421, PAGE 39, M.C.R.

MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4, OF SECTION 3, TOWNSHIP 2 NORTH, RANGE 4 EAST;

THENCE ALONG MONUMENT LINE OF HUMMINGBIRD LANE, NORTH 88°40'17" EAST, A DISTANCE OF 786.19 FEET;

THENCE, LEAVING SAID MONUMENT LINE, SOUTH 01°19'43" EAST, A DISTANCE OF 33.00 FEET, TO THE **POINT OF BEGINNING;**

THENCE SOUTH 01°20'33" EAST, A DISTANCE OF 250.18 FEET;

THENCE NORTH 88°28'59" EAST, A DISTANCE OF 180.69 FEET;

THENCE SOUTH 01°30'16" EAST, A DISTANCE OF 338.77 FEET;

THENCE ALONG A NON-TANGENT CURVE TO RIGHT, HAVING A RADIUS OF 51.00 FEET, A CENTRAL ANGLE OF 65°00'17", A TANGENT LENGTH OF 32.49 FEET, THE CHORD OF WHICH BEARS SOUTH 58°42'21" EAST, A DISTANCE OF 54.81 FEET, FOR AN ARC LENGTH OF 57.86 FEET;

THENCE ALONG A NON-TANGENT CURVE TO RIGHT, HAVING A RADIUS OF 98.00 FEET, A CENTRAL ANGLE OF 26°59'37", A TANGENT LENGTH OF 23.52 FEET, THE CHORD OF WHICH BEARS SOUTH 49°46'35" EAST, A DISTANCE OF 45.74 FEET, FOR AN ARC LENGTH OF 46.17 FEET;

THENCE SOUTH 35°30'44" EAST, A DISTANCE OF 24.06 FEET, TO A POINT ON THE NORTHERLY RIGHT OF WAY LINE OF MEADOWLARK LANE;

THENCE ALONG A NON TANGENT CURVE TO LEFT, HAVING A RADIUS OF 643.93 FEET, A CENTRAL ANGLE OF 09°31'34", A TANGENT LENGTH OF 53.65 FEET, THE CHORD OF WHICH BEARS SOUTH 60°04'11" WEST, A DISTANCE OF 106.94 FEET, FOR AN ARC LENGTH OF 107.06 FEET;

THENCE LEAVING SAID RIGHT OF WAY LINE, NORTH 01°33'55" WEST, A DISTANCE OF 79.69 FEET;

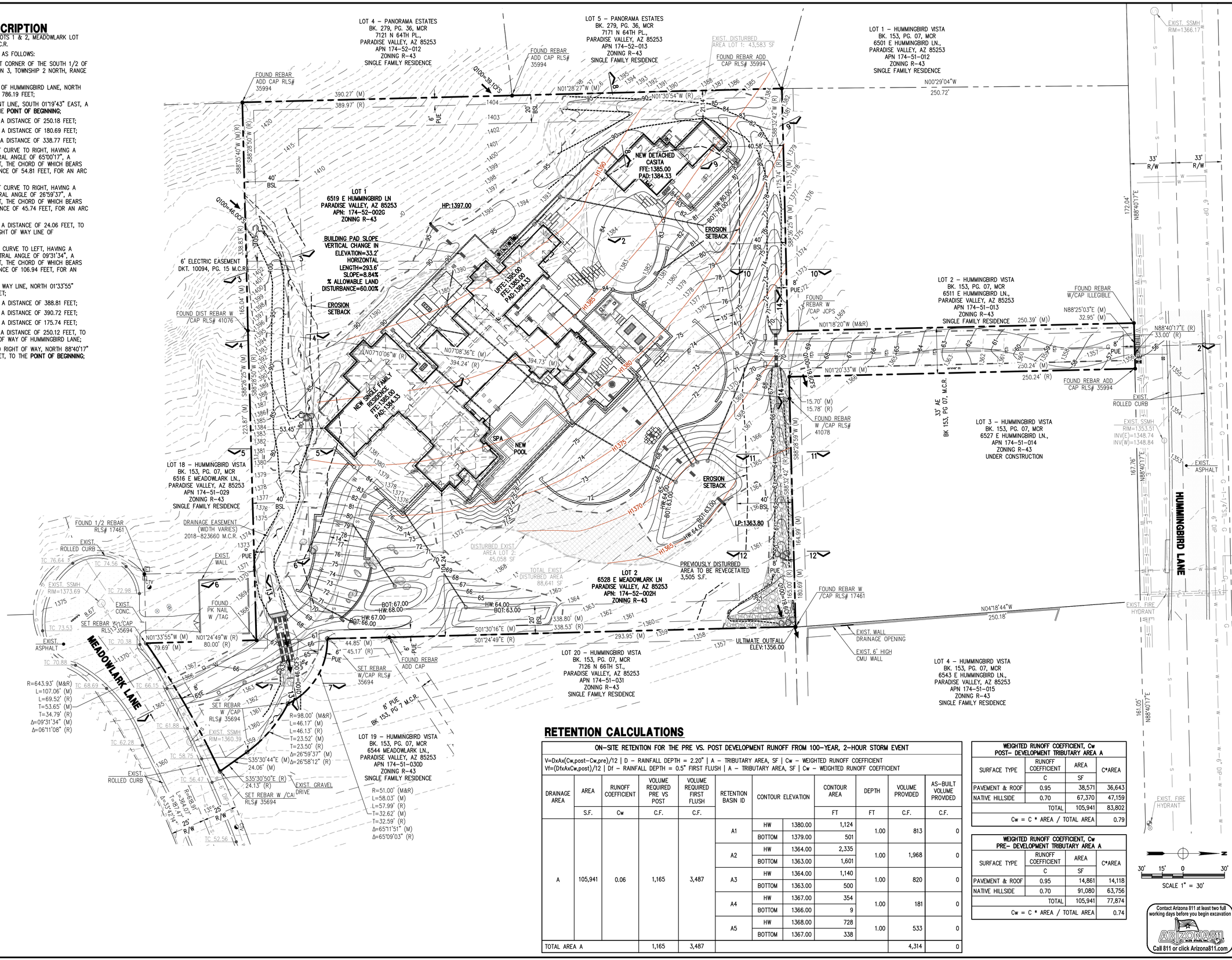
THENCE SOUTH 88°26'25" WEST, A DISTANCE OF 388.81 FEET;

THENCE NORTH 01°29'20" WEST, A DISTANCE OF 390.72 FEET;

THENCE NORTH 88°32'42" EAST, A DISTANCE OF 175.74 FEET;

THENCE NORTH 01°19'45" WEST, A DISTANCE OF 250.12 FEET, TO A POINT ON SOUTHERLY RIGHT OF WAY OF HUMMINGBIRD LANE;

THENCE CONTINUING ALONG SAID RIGHT OF WAY, NORTH 88°40'17" EAST, A DISTANCE OF 33.00 FEET, TO THE **POINT OF BEGINNING;**



RETENTION CALCULATIONS

ON-SITE RETENTION FOR THE PRE VS. POST DEVELOPMENT RUNOFF FROM 100-YEAR, 2-HOUR STORM EVENT

V=DxAx(Cw,post-Cw,pre)/12 | D – RAINFALL DEPTH = 2.20" | A – TRIBUTARY AREA, SF | Cw – WEIGHTED RUNOFF COEFFICIENT
Vf=(DfxAxCw,post)/12 | Df – RAINFALL DEPTH = 0.5" FIRST FLUSH | A – TRIBUTARY AREA, SF | Cw – WEIGHTED RUNOFF COEFFICIENT

DRAINAGE AREA	AREA	RUNOFF COEFFICIENT	VOLUME REQUIRED PRE VS POST	VOLUME REQUIRED FIRST FLUSH	RETENTION BASIN ID	CONTOUR ELEVATION		CONTOUR AREA	DEPTH	VOLUME PROVIDED	AS-BUILT VOLUME PROVIDED
	S.F.	Cw	C.F.	C.F.				FT	FT	C.F.	C.F.
A	105,941	0.06	1,165	3,487	A1	HW	1380.00	1,124	1.00	813	0
						BOTTOM	1379.00	501			
					A2	HW	1364.00	2,335	1.00	1,968	0
						BOTTOM	1363.00	1,601			
					A3	HW	1364.00	1,140	1.00	820	0
						BOTTOM	1363.00	500			
					A4	HW	1367.00	354	1.00	181	0
						BOTTOM	1366.00	9			
					A5	HW	1368.00	728	1.00	533	0
						BOTTOM	1367.00	338			
TOTAL AREA A			1,165	3,487						4,314	0

WEIGHTED RUNOFF COEFFICIENT, Cw
POST- DEVELOPMENT TRIBUTARY AREA A

SURFACE TYPE	RUNOFF COEFFICIENT	AREA	C*AREA
	C	SF	
PAVEMENT & ROOF	0.95	38,571	36,643
NATIVE HILLSIDE	0.70	67,370	47,159
TOTAL		105,941	83,802
Cw = C * AREA / TOTAL AREA			0.79

WEIGHTED RUNOFF COEFFICIENT, Cw
PRE- DEVELOPMENT TRIBUTARY AREA A

SURFACE TYPE	RUNOFF COEFFICIENT	AREA	C*AREA
	C	SF	
PAVEMENT & ROOF	0.95	14,861	14,118
NATIVE HILLSIDE	0.70	91,080	63,756
TOTAL		105,941	77,874
Cw = C * AREA / TOTAL AREA			0.74

REVISIONS:	DATE:	DATE: 11/17/25
		SCALE: 1"=30'
		DESIGNED BY: NP
		DRAWN BY: CM
		CHECKED BY: JB
		PLOT DATE: 11/17/25

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PRELIMINARY GRADING & DRAINAGE IMPROVEMENT PLAN OVERALL SITE PLAN

STOLESON RESIDENCE
6519 & 6528 E HUMMINGBIRD LN,
PARADISE VALLEY, AZ 85253

P. 602. 889. 1984 | F. 602. 445 9482
8808 N. CENTRAL AVE., SUITE 288
PHOENIX, AZ. 85020
PHOENIX @LDGENG.COM
Land DEVELOPMENT GROUP

SCALE 1" = 30'

Contact Arizona 811 at least two full working days before you begin excavation
Call 811 or click Arizona811.com

PRELIMINARY NOT FOR CONSTRUCTION

C-2
2 OF 4

LOT 4 – PANORAMA ESTATES
BK. 279, PG. 36, MCR
7121 N 64TH PL.,
PARADISE VALLEY, AZ 85253
APN 174-52-012
ZONING R-43
SINGLE FAMILY RESIDENCE

LOT 5 – PANORAMA ESTATES
BK. 279, PG. 36, MCR
7171 N 64TH PL.,
PARADISE VALLEY, AZ 85253
APN 174-52-013
ZONING R-43
SINGLE FAMILY RESIDENCE

LOT 1 – HUMMINGBIRD VISTA
BK. 153, PG. 07, MCR
6501 E HUMMINGBIRD LN.,
PARADISE VALLEY, AZ 85253
APN 174-51-012
ZONING R-43
SINGLE FAMILY RESIDENCE

LOT 2 – HUMMINGBIRD VISTA
BK. 153, PG. 07, MCR
6511 E HUMMINGBIRD LN.,
PARADISE VALLEY, AZ 85253
APN 174-51-013
ZONING R-43
SINGLE FAMILY RESIDENCE

LOT 3 – HUMMINGBIRD VISTA
BK. 153, PG. 07, MCR
6527 E HUMMINGBIRD LN.,
APN 174-51-014
ZONING R-43
UNDER CONSTRUCTION

LOT 4 – HUMMINGBIRD VISTA
BK. 153, PG. 07, MCR
6543 E HUMMINGBIRD LN.,
PARADISE VALLEY, AZ 85253
APN 174-51-015
ZONING R-43
SINGLE FAMILY RESIDENCE

LOT 18 – HUMMINGBIRD VISTA
BK. 153, PG. 07, MCR
6516 E MEADOWLARK LN.,
PARADISE VALLEY, AZ 85253
APN 174-51-029
ZONING R-43
SINGLE FAMILY RESIDENCE

LOT 20 – HUMMINGBIRD VISTA
BK. 153, PG. 07, MCR
7126 N 66TH ST.,
PARADISE VALLEY, AZ 85253
APN 174-51-031
ZONING R-43
SINGLE FAMILY RESIDENCE

LOT 1
6519 E HUMMINGBIRD LN
PARADISE VALLEY, AZ 85253
APN: 174-52-002G
ZONING R-43

LOT 2
6528 E MEADOWLARK LN
PARADISE VALLEY, AZ 85253
APN: 174-52-002H
ZONING R-43

NEW DETACHED CASITA
FFE:1385.00
PAD:1384.33

NEW SINGLE FAMILY RESIDENCE
FFE: 1395.00
PAD:1394.33

NEW POOL

MATCH LINE SEE SHEET 4

FOUND REBAR ADD CAP RLS# 35994

FOUND REBAR ADD CAP RLS# 35994

FOUND REBAR ADD CAP RLS# 35994

FOUND DIST REBAR W /CAP RLS# 41076

FOUND REBAR W /CAP RLS# 41078

FOUND REBAR W /CAP RLS# 17461

FOUND REBAR ADD CAP

FOUND PK NAIL W /TAG

SET REBAR W/CAP RLS# 35694

FOUND REBAR W /CAP JCPS

EXIST. DISTURBED AREA LOT 1: 43,583 SF

TOTAL EXIST. DISTURBED AREA 88,641 SF

DISTURBED EXIST. AREA LOT 2: 45,058 SF

PREVIOUSLY DISTURBED AREA TO BE REVEGETATED 3,505 S.F.

PROPOSED DISTURBED AREA 113,192 S.F.

PROPOSED DRAINAGE EASEMENT

DRAINAGE EASEMENT (WIDTH VARIES) 2018-823660 M.C.R. TO BE RELEASED

DRAINAGE EASEMENT (WIDTH VARIES) 2018-823660 M.C.R.

6' ELECTRIC EASEMENT DKT. 10094, PG. 15 M.C.R

8' PUE

6' PUE

EROSION SETBACK

NEW RETAINING WALL

RETAINING AGAINST BUILDING

EXTENDED STEM WALL

BUILDING OUTLINE MAIN LEVEL

BUILDING OUTLINE UPPER LEVEL

EXIST. WALL

SEDIMENT BASIN

NEW CHECK DAM

ULTIMATE OUTFALL ELEV: 1356.00

EXIST. 6' HIGH CMU WALL

EXIST. WALL DRAINAGE OPENING

100 YR LIMITS

RET. BASIN A-1 D=1.00' Vp=813 CF

RET. BASIN A-2 D=1.00' Vp=1,968 CF

RET. BASIN A-3 D=1.00' Vp=820 CF

RET. BASIN A-4 D=1.00' Vp=181 CF

RET. BASIN A-5 D=1.00' Vp=533 CF

N01°28'27"W (M)
N01°30'54"W (R)
N01°18'20"W (M&R)
N01°20'33"W (M)
N07°08'36"E (M)
N07°10'06"W (R)
S01°30'16"E (M)
S01°24'49"E (R)
S88°35'40"W (M)
S88°28'50"W (R)
S88°26'25"W (M)
S88°28'50"W (R)
S88°32'42"W (R)
S88°36'25"W (M)
S88°28'59"W (M)
S88°32'42"E (R)
S52°19'10"E
S00°39'10"E
S00°39'10"W

390.27' (M)
389.97' (R)
338.83' (R)
165.00' (R)
165.04' (M)
223.87' (M)
223.83' (R)
53.45'
394.73' (M)
394.24' (R)
338.80' (M)
293.95' (M)
338.53' (R)
293.36' (R)
175.74' (R)
175.37' (M)
180.69' (M)
164.99' (M)
44.85' (M)
45.17' (R)
80.00' (R)

20' BSL
40' BSL
40' MAX

SCALE: 1" = 20'

Contact Arizona 811 at least two full working days before you begin excavation
Call 811 or click Arizona811.com

PRELIMINARY NOT FOR CONSTRUCTION

Nate Hollamon

PRELIMINARY GRADING & DRAINAGE IMPROVEMENT PLAN ENLARGED VIEW

REVISIONS:	DATE:

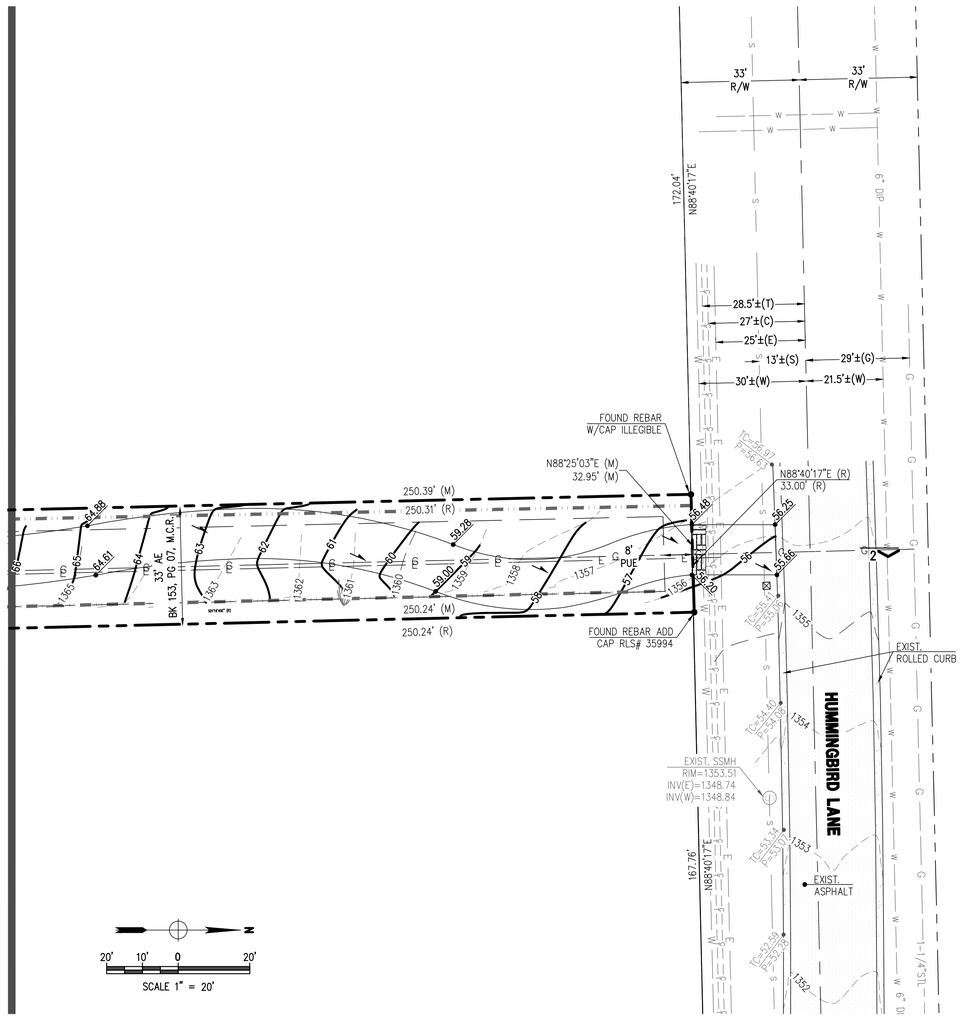
DATE: 11/17/25
SCALE: 1"=20'
DESIGNED BY: NP
DRAWN BY: CM
CHECKED BY: JH
JOB: 2503109
VERSION: 1.1
PLOT DATE: 11/17/25

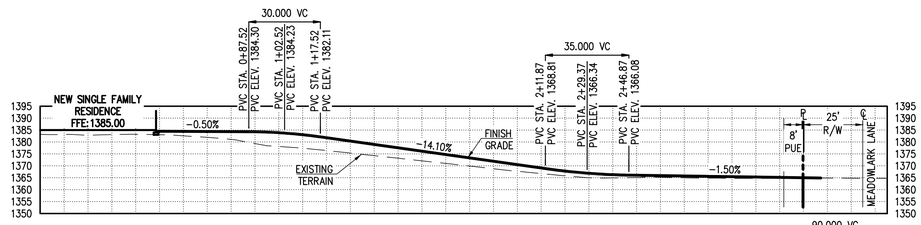
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STOLESON RESIDENCE
6519 & 6528 E HUMMINGBIRD LN,
PARADISE VALLEY, AZ 85253

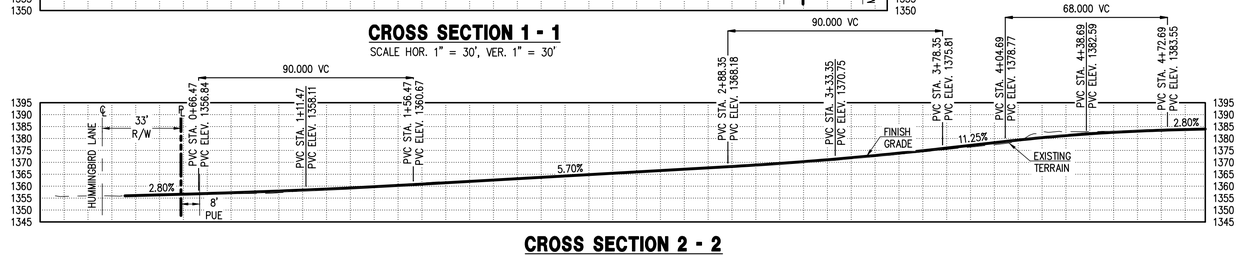
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C-3
3 OF 4





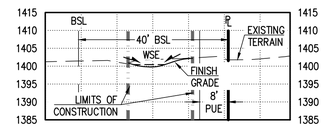
CROSS SECTION 1 - 1
SCALE HOR. 1" = 30', VER. 1" = 30'



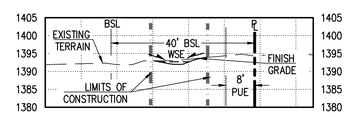
CROSS SECTION 2 - 2
SCALE HOR. 1" = 30', VER. 1" = 30'

PERCENT PASSING	SIZE	D_{50} CLASS, INCHES			
		4	6	8	12
100 TO 90	2.0 D_{50}	8	12	16	24
85 TO 70	1.5 D_{50}	6	8	12	18
50 TO 30	1.0 D_{50}	4	6	8	12
15 TO 5	0.67 D_{50}	3	4	5	8
5 TO 0	0.33 D_{50}	1	2	3	4

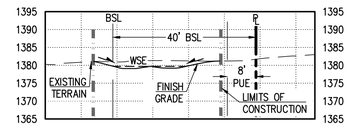
RIP-RAP GRADATION TABLE



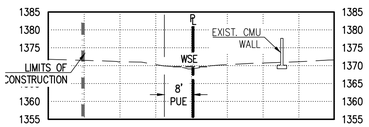
CROSS SECTION 3 - 3
SCALE HOR. 1" = 20', VER. 1" = 20'



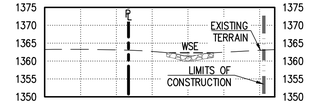
CROSS SECTION 4 - 4
SCALE HOR. 1" = 20', VER. 1" = 20'



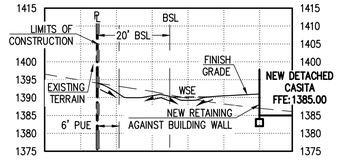
CROSS SECTION 5 - 5
SCALE HOR. 1" = 20', VER. 1" = 20'



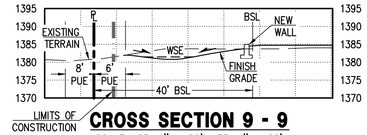
CROSS SECTION 6 - 6
SCALE HOR. 1" = 20', VER. 1" = 20'



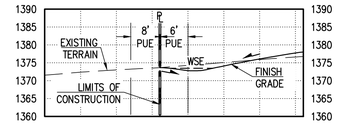
CROSS SECTION 7 - 7
SCALE HOR. 1" = 20', VER. 1" = 20'



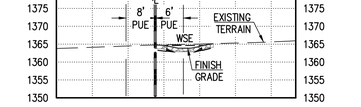
CROSS SECTION 8 - 8
SCALE HOR. 1" = 20', VER. 1" = 20'



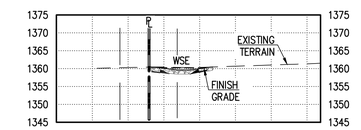
CROSS SECTION 9 - 9
SCALE HOR. 1" = 20', VER. 1" = 20'



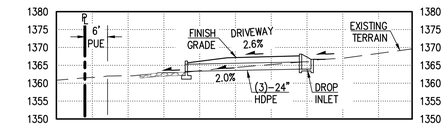
CROSS SECTION 10 - 10
SCALE HOR. 1" = 20', VER. 1" = 20'



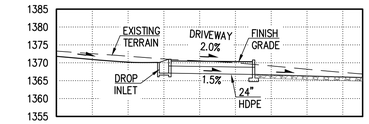
CROSS SECTION 11 - 11
SCALE HOR. 1" = 20', VER. 1" = 20'



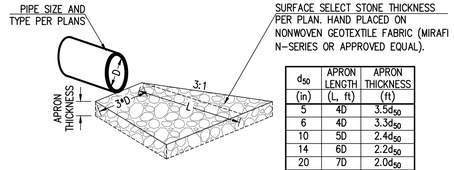
CROSS SECTION 12 - 12
SCALE HOR. 1" = 20', VER. 1" = 20'



CROSS SECTION 13 - 13
SCALE HOR. 1" = 20', VER. 1" = 20'

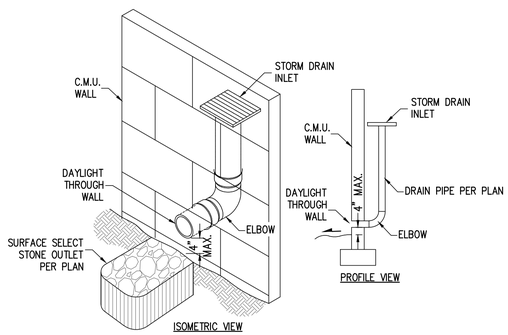


CROSS SECTION 14 - 14
SCALE HOR. 1" = 20', VER. 1" = 20'

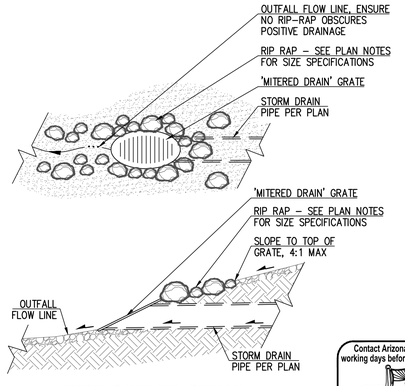


d_{50} (in)	APRON LENGTH (L, ft)	APRON THICKNESS (ft)
5	4D	$3.5d_{50}$
6	4D	$3.3d_{50}$
10	5D	$2.4d_{50}$
14	6D	$2.2d_{50}$
20	7D	$2.0d_{50}$
22	8D	$2.0d_{50}$

APRON LENGTH AND THICKNESS
N.T.S.



STORM DRAIN OUTLET AT WALL DETAIL
N.T.S.



PIPE OUTLET DETAIL
N.T.S.

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ARIZONA811 Arizona811.com
Call 811 or click Arizona811.com

PRELIMINARY NOT FOR CONSTRUCTION
REGISTERED PROFESSIONAL ENGINEER
NATHAN PRATTEN
DATE 11/17/25
U.S.A.

PRELIMINARY GRADING & DRAINAGE PLAN IMPROVEMENT PLAN CROSS SECTIONS DETAILS

STOLESON RESIDENCE
6519 & 6528 E HUMMINGBIRD LN.,
PARADISE VALLEY, AZ 85253

REVISIONS:	DATE:	SCALE: 1"=20' OR AS NOTED	DESIGNED BY: NP	DRAWN BY: CM	CHECKED BY: JB

DATE: 11/17/25
JOB: 2503109
VERSION: 1.1
PLOT DATE: 11/17/25

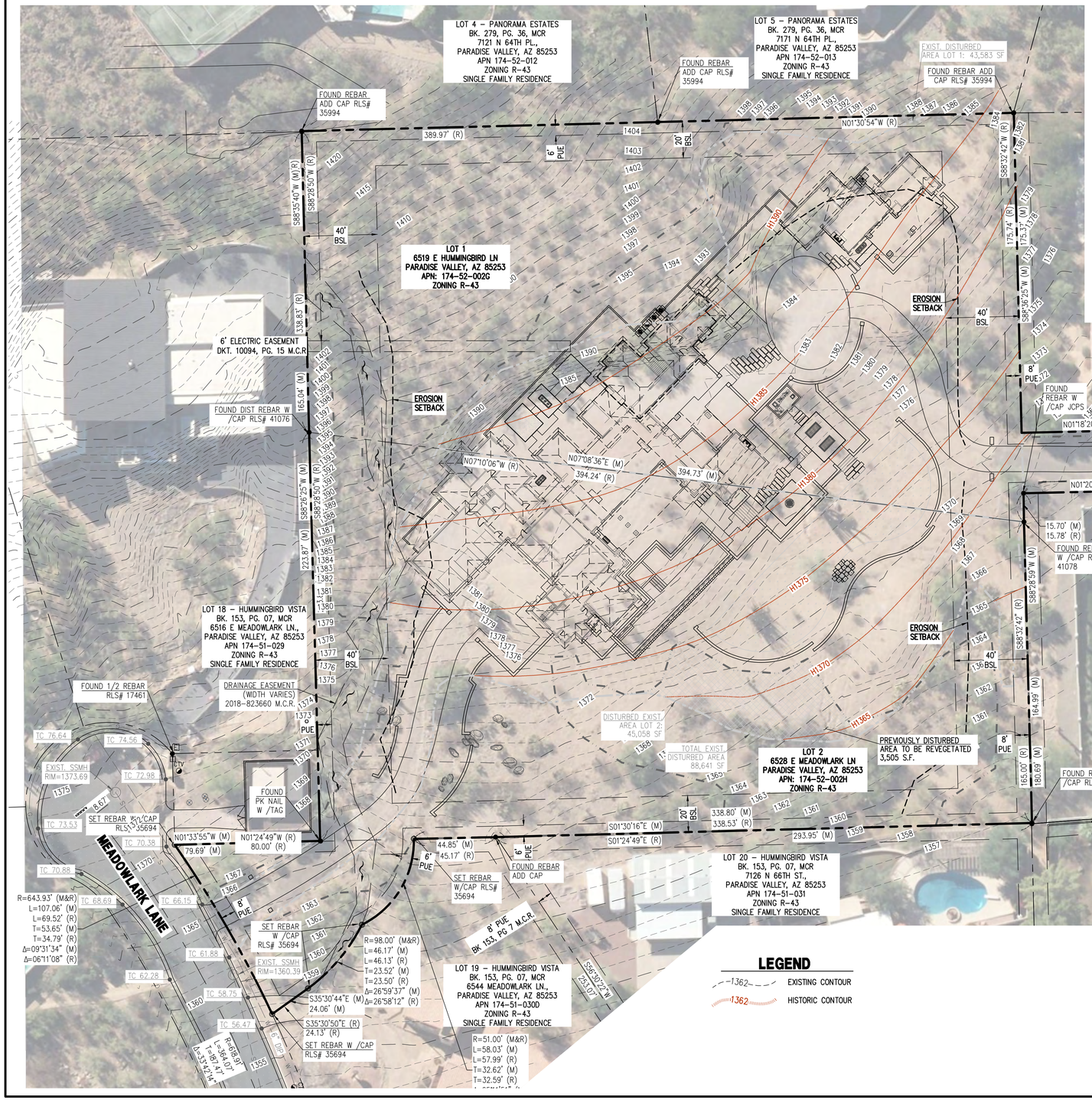
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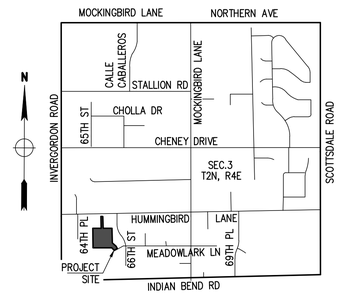
P. 602 889 1984 | F. 602 445 9482
8808 N. CENTRAL AVE., SUITE 288
PHOENIX, AZ. 85020
PHOENIX@LDZENG.COM
Land DEVELOPMENT GROUP

C-4
4 OF 4

AERIAL MAP EXHIBIT

THE STOLESON FAMILY
6519 & 6528 E HUMMINGBIRD LN., PARADISE VALLEY, AZ 85253
LOCATED IN A PORTION OF THE NE 1/4 OF THE SW 1/4 OF THE SW 1/4 OF SECTION 3, T.2N, R.4E OF THE GILA & SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA





VICINITY MAP
N.T.S.

OWNER
MARK & KATHERINE STOLESON
6519 E HUMMINGBIRD LN.,
PARADISE VALLEY, AZ 85253

SITE DATA
APN: 174-52-002H
ADDRESS: 6528 E MEADOWLARK LN., PARADISE VALLEY, AZ 85253
ZONING: R-43 HILLSIDE
LOT AREA: 82,915 S.F (1.903 AC.)
QS #: 23-43

APN: 174-52-002G
ADDRESS: 6519 E HUMMINGBIRD LN., PARADISE VALLEY, AZ 85253
ZONING: R-43 HILLSIDE
LOT AREA: 84,234 S.F (1.934 AC.)
QS #: 23-43

ARCHITECT
THOMSON ARCHITECTURE, LLC
CONTACT: MEREDITH THOMSON
P: 415-310-2372
MEREDITH@MMTARCH.COM

CIVIL ENGINEER
LAND DEVELOPMENT GROUP, LLC
8808 N CENTRAL AVE, SUITE 288
PHOENIX, AZ 85020
CONTACT: NICK PRODANOV, PE
P: 602-889-1984

LANDSCAPE
BERGHOFF DESIGN GROUP
4561 E MCDOWELL RD.,
SUITE 200,
PHOENIX, AZ 85008
P: 480-481-3433

LAND SURVEYOR
OUTER LIMITS LAND SURVEYING, LLC
BRIAN EARL SEARAN, RLS #54120
PO BOX 71957
PHOENIX, AZ 85050
P: 602 486 1154
EMAIL: BSEARAN@OUTERLIMITSLS.COM

NOTE: CIVIL ENGINEERING DESIGN PRESENTED HEREIN IS BASED ON THE TOPOGRAPHIC SURVEY MAP, PROVIDED IN AN ELECTRONIC FORMAT BY SURVEYOR LISTED ABOVE.
LAND DEVELOPMENT GROUP, LLC ASSUMES NO LIABILITY FOR ERRORS AND OMMISSIONS SHOWN ON THE SURVEY AND INFORMATION PROVIDED BY OTHERS.

LEGAL DESCRIPTION
LOT 1 AND 2, MEADOWLARK LOT SPLIT, ACCORDING TO BOOK 1421 OF MAPS, PAGE 39, RECORDS OF MARICOPA COUNTY, ARIZONA.

BENCHMARK
PARADISE VALLEY BRASS CAP FLUSH, NO STAMPING ON T2N, R4E, 10N, ON INDIAN BEND ROAD, HAVING AN ELEVATION OF 1316.441, TOWN OF PARADISE VALLEY (NAVD 88) DATUM, GDACS# 24526-1.

LEGEND
1362 EXISTING CONTOUR
1362 HISTORIC CONTOUR

NEW LEGAL DESCRIPTION
BEING A LOT COMBINATION OF LOTS 1 & 2, MEADOWLARK LOT SPLIT, BOOK 1421, PAGE 39, M.C.R.

MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4, OF SECTION 3, TOWNSHIP 2 NORTH, RANGE 4 EAST;

THENCE ALONG MONUMENT LINE OF HUMMINGBIRD LANE, NORTH 88°40'17" EAST, A DISTANCE OF 786.19 FEET;

THENCE, LEAVING SAID MONUMENT LINE, SOUTH 01°19'43" EAST, A DISTANCE OF 33.00 FEET, TO THE **POINT OF BEGINNING;**

THENCE SOUTH 01°20'33" EAST, A DISTANCE OF 250.18 FEET;

THENCE NORTH 88°28'59" EAST, A DISTANCE OF 180.69 FEET;

THENCE SOUTH 01°30'16" EAST, A DISTANCE OF 338.77 FEET;

THENCE ALONG A NON-TANGENT CURVE TO RIGHT, HAVING A RADIUS OF 51.00 FEET, A CENTRAL ANGLE OF 65°00'17", A TANGENT LENGTH OF 32.49 FEET, THE CHORD OF WHICH BEARS SOUTH 58°42'21" EAST, A DISTANCE OF 54.81 FEET, FOR AN ARC LENGTH OF 57.86 FEET;

THENCE ALONG A NON-TANGENT CURVE TO RIGHT, HAVING A RADIUS OF 98.00 FEET, A CENTRAL ANGLE OF 26°59'37", A TANGENT LENGTH OF 23.52 FEET, THE CHORD OF WHICH BEARS SOUTH 49°46'35" EAST, A DISTANCE OF 45.74 FEET, FOR AN ARC LENGTH OF 46.17 FEET;

THENCE SOUTH 35°30'44" EAST, A DISTANCE OF 24.06 FEET, TO A POINT ON THE NORTHERLY RIGHT OF WAY LINE OF MEADOWLARK LANE;

THENCE ALONG A NON TANGENT CURVE TO LEFT, HAVING A RADIUS OF 643.93 FEET, A CENTRAL ANGLE OF 09°31'34", A TANGENT LENGTH OF 53.65 FEET, THE CHORD OF WHICH BEARS SOUTH 60°04'11" WEST, A DISTANCE OF 106.94 FEET, FOR AN ARC LENGTH OF 107.06 FEET;

THENCE LEAVING SAID RIGHT OF WAY LINE, NORTH 01°33'55" WEST, A DISTANCE OF 79.69 FEET;

THENCE SOUTH 88°26'25" WEST, A DISTANCE OF 388.81 FEET;

THENCE NORTH 01°29'20" WEST, A DISTANCE OF 390.72 FEET;

THENCE NORTH 88°32'42" EAST, A DISTANCE OF 175.74 FEET;

THENCE NORTH 01°19'45" WEST, A DISTANCE OF 250.12 FEET, TO A POINT ON SOUTHERLY RIGHT OF WAY OF HUMMINGBIRD LANE;

THENCE CONTINUING ALONG SAID RIGHT OF WAY, NORTH 88°40'17" EAST, A DISTANCE OF 33.00 FEET, TO THE **POINT OF BEGINNING;**

BASIS OF BEARING
THE WEST PROPERTY LINE THE BEARING OF WHICH IS N01°30'54"W AS SHOWN HEREON.

FLOOD INSURANCE RATE MAP (FIRM) DATA

COMMUNITY #	PANEL #		SUFFIX	
040049	1765 OF 4425		L	BASE FLOOD ELEVATION
MAP #	PANEL DATE	FIRM INDEX DATE	ZONE	
04013C	10/16/2013	11/04/2015	X*	N/A

*AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

ABBREVIATIONS

BC	BACK OF CURB
BSL	BUILDING SETBACK LINE
C	CONCRETE, CALCULATED
TPV	TOWN OF PARADISE VALLEY
DE	DRAINAGE EASEMENT
ESMT	EASEMENT
EXIST.	EXISTING
EG	EXISTING GRADE
FG	FINISH GRADE
FFE	FINISH FLOOR ELEVATION
FND	FOUND
G	GUTTER, GAS
INV	INVERT
MAG	MARICOPA ASSOCIATION OF GOVERNMENTS
(M)	MEASURED
MCR	MARICOPA COUNTY RECORDER
P	PAVEMENT
PUE	PUBLIC UTILITY EASEMENT
(R)	RECORDED
R	RADIUS
R/W	RIGHT OF WAY
T	TANGENT, TELEPHONE
W	WEST, WATERLINE
TC	TOP OF CURB

N
30' 15' 0 30'
SCALE 1" = 30'

Contact Arizona 811 at least two full working days before you begin excavation
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Call 811 or click Arizona811.com

REVISIONS:	DATE:	SCALE: 1"=30'	DATE: 11/17/25
		DESIGNED BY: NP	JOB: 2503109
		DRAWN BY: CM	VERSION: 1.1
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HISTORIC GRADES
EXISTING DISTURBANCE EXHIBIT

STOLESON RESIDENCE
6519 & 6528 E HUMMINGBIRD LN., PARADISE VALLEY, AZ 85253

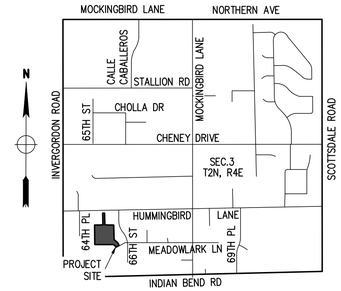
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Land DEVELOPMENT GROUP

REGISTERED PROFESSIONAL ENGINEER
NICK PRODANOV
ARIZONA U.S.A.
PRELIMINARY NOT FOR CONSTRUCTION

HC
1 OF 1

STORM WATER POLLUTION PREVENTION PLAN
THE STOLESON FAMILY
6519 & 6528 E HUMMINGBIRD LN., PARADISE VALLEY, AZ 85253

LOCATED IN A PORTION OF THE NE 1/4 OF THE SW 1/4 OF THE SW 1/4 OF SECTION 3, T.2N, R.4E OF THE GILA & SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA



VICINITY MAP
N.T.S.

GENERAL NOTES

1. THIS PROJECT IS SUBJECT TO THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS FOR CONSTRUCTION SITES UNDER THE ENVIRONMENTAL PROTECTION AGENCY (EPA) GENERAL PERMIT FOR ARIZONA. OWNERS, DEVELOPERS, ENGINEERS, AND/OR CONTRACTORS ARE REQUIRED TO PREPARE ALL DOCUMENTS REQUIRED BY THIS REGULATION, INCLUDING BUT NOT LIMITED TO STORM WATER POLLUTION PROTECTION PLAN (SWPPP), NOTICE OF INTENT (NOI) AND NOTICE OF TERMINATION (NOT).
2. A COPY OF THE APPROVED GRADING AND DRAINAGE PLAN FOR THIS PROJECT, TOGETHER WITH A COPY OF THE NOTICE OF INTENT (NOI) AND THIS STORM WATER POLLUTION PROTECTION PLAN (SWPPP), SHALL BE MAINTAINED ON THE SITE AND AVAILABLE FOR REVIEW. THOSE ELEMENTS OF THE GRADING AND DRAINAGE PLAN PERTINENT TO OR REFERENCED ON THE SWPPP SHALL BE CONSIDERED A PART OF THE SWPPP.
2. COMMUNITY DEVELOPMENT DEPARTMENT'S FIELD INSPECTION GROUP SHALL BE NOTIFIED 48 HOURS BEFORE ANY ON-SITE AND/OR OFF-SITE CONSTRUCTION BEGINS, AT (480) 348-3692.
3. THE OPERATOR SHALL OBTAIN A DUST CONTROL PERMIT FROM MARICOPA COUNTY HEALTH DEPARTMENT AND PERFORM MEASURES AS REQUIRED BY THE PERMIT TO PREVENT EXCESS DUST. ALL PERMITTEES MUST SUBMIT A TENTATIVE CONSTRUCTION SCHEDULE AND COMPLETION TIME.
4. THE OPERATOR SHALL PERFORM, AT A MINIMUM, A VISUAL INSPECTION OF THE CONSTRUCTION SITE ONCE EVERY MONTH AND WITHIN 24 HOURS OF RAINFALL GREATER THAN OR EQUAL TO A HALF OF AN INCH OR MORE. THE OPERATOR SHALL PREPARE A REPORT DOCUMENTING HIS/HER FINDINGS ON THE CONDITIONS OF THE SWPPP CONTROLS AND NOTE ANY EROSION PROBLEM AREAS. THE OPERATOR'S REPORT IS TO BE SUBMITTED TO THE DEVELOPMENT SERVICES DEPARTMENT PROJECT ENGINEERING DIVISION CONSTRUCTION INSPECTOR FOR REVIEW AND APPROVAL. FACILITIES SHALL BE MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING. IN ADDITION,
ALL TEMPORARY SILTATION CONTROLS SHALL BE MAINTAINED IN A SATISFACTORY CONDITION UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED, PERMANENT DRAINAGE FACILITIES ARE OPERATIONAL, AND THE POTENTIAL FOR EROSION HAS PASSED.
5. THE OPERATOR SHALL AMEND THIS PLAN AS NECESSARY DURING THE COURSE OF CONSTRUCTION TO RESOLVE ANY PROBLEM AREAS, WHICH BECOME EVIDENT DURING THE CONSTRUCTION AND/OR DURING RAINFALLS.
6. THE PERMITTEE SHALL FILE A NOTICE OF TERMINATION (NOT) AFTER COMPLETION OF CONSTRUCTION AND PLACEMENT OF FINAL LANDSCAPE MATERIALS. THE NOT IS TO BE SUBMITTED TO THE DEVELOPMENT SERVICES DEPARTMENT PROJECT ENGINEERING INSPECTOR TO FINAL THE SWPPP PERMIT.
7. THE PERMITTEE SHALL SAVE ALL RECORDS, INCLUDING THE NOI, SWPPP, NOT, AND INSPECTION REPORTS, ON FILE FOR A MINIMUM OF THREE YEARS FROM THE DATE OF FILING THE NOT.
8. THE IMPLEMENTATION OF THESE PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE FACILITIES IS THE RESPONSIBILITY OF THE PERMITTEE/CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED AND NOT SUBMITTED TO THE DEVELOPMENT SERVICES DEPARTMENT PROJECT ENGINEERING DIVISION INSPECTOR.
9. THE FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES IN SUCH A MANNER AS TO INSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS, AND MUST BE INSTALLED AND IN OPERATION PRIOR TO ANY GRADING OR LAND CLEARING. WHEREVER POSSIBLE, MAINTAIN NATURAL VEGETATION FOR SILT CONTROL.
10. THE CONTRACTOR'S NOI MUST BE RECEIVED PRIOR TO THE SWPPP PERMIT BEING ISSUED. THE CONTRACTOR THAT WILL BE PULLING THE G&D PERMIT MUST HAVE THE SWPPP PERMIT ISSUED IN THEIR NAME.
11. ALL DRAINAGE PROTECTIVE DEVICES SUCH AS SWALES, INTERCEPTOR DITCHES, PIPES, PROTECTIVE BERMS, BARRIER WALLS, CONCRETE CHANNELS OR OTHER MEASURES DESIGNED TO PROTECT ADJACENT BUILDINGS OR PROPERTY FROM STORM RUNOFF MUST BE COMPLETED PRIOR TO BUILDING CONSTRUCTION. THE NATURAL FLOW OF RAINWATER AND OTHER SURFACE DRAINAGE FROM THE PROPERTY MAY NOT BE ALTERED IN ANY WAY.
12. CONTRACTOR SHALL PROVIDE STABILIZATION FABRIC TO ALL SLOPES EQUAL TO OR GREATER THAN 3H:1V.
13. STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED AT ALL LOCATIONS WHERE CONSTRUCTION VEHICLES WILL ENTER AND EXIT THE CONSTRUCTION SITE.
14. REFER TO SHEET 2 FOR STANDARD DETAILS OF BEST MANAGEMENT PRACTICES.
15. WHEN DEEMED NECESSARY, A 6-FOOT HIGH CHAIN LINK FENCE MUST BE INSTALLED AROUND THE CONSTRUCTION AREA TO PREVENT ANY POTENTIAL SAFETY HAZARD FOR THE PUBLIC.

NOTE

1. NO WORK OF ANY KIND CAN COMMENCE UNTIL ALL STORM WATER POLLUTION BMP'S ARE IN PLACE AND INSPECTED BY THE TOWN. ONLY UNTIL THE TOWN HAS APPROVED THE STORM WATER BMP'S MAY ANY CONSTRUCTION BEGIN.
2. SEDIMENTATION CONTROL DEVICES (SILT BARRIERS) SHALL REMAIN IN PLACE AT ALL TIME. SEDIMENTATION CONTROL DEVICES SHALL BE KEPT IN GOOD REPAIR, INSPECTED MONTHLY, INSPECTED AFTER EACH RAIN EVENT, AND MAINTAINED AS NEEDED BY THE APPLICANT/OWNER.
3. SEDIMENTATION CONTROL DEVICE INSPECTION LOG SHALL BE MAINTAINED BY APPLICANT AND/OR OWNER AND MADE AVAILABLE TO THE TOWN UPON REQUEST.

NEW LEGAL DESCRIPTION

BEING A LOT COMBINATION OF LOTS 1 & 2, MEADOWLARK LOT SPLIT, BOOK 1421, PAGE 39, M.C.R.

MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4, OF SECTION 3, TOWNSHIP 2 NORTH, RANGE 4 EAST;

THENCE ALONG MONUMENT LINE OF HUMMINGBIRD LANE, NORTH 88°40'17" EAST, A DISTANCE OF 786.19 FEET;

THENCE, LEAVING SAID MONUMENT LINE, SOUTH 01°19'43" EAST, A DISTANCE OF 33.00 FEET, TO THE **POINT OF BEGINNING;**

THENCE SOUTH 01°20'33" EAST, A DISTANCE OF 250.18 FEET;

THENCE NORTH 88°28'59" EAST, A DISTANCE OF 180.69 FEET;

THENCE SOUTH 01°30'16" EAST, A DISTANCE OF 338.77 FEET;

THENCE ALONG A NON-TANGENT CURVE TO RIGHT, HAVING A RADIUS OF 51.00 FEET, A CENTRAL ANGLE OF 65°00'17", A TANGENT LENGTH OF 32.49 FEET, THE CHORD OF WHICH BEARS SOUTH 58°42'21" EAST, A DISTANCE OF 54.81 FEET, FOR AN ARC LENGTH OF 57.86 FEET;

THENCE ALONG A NON-TANGENT CURVE TO RIGHT, HAVING A RADIUS OF 98.00 FEET, A CENTRAL ANGLE OF 26°59'37", A TANGENT LENGTH OF 23.52 FEET, THE CHORD OF WHICH BEARS SOUTH 49°46'35" EAST, A DISTANCE OF 45.74 FEET, FOR AN ARC LENGTH OF 46.17 FEET;

THENCE SOUTH 35°30'44" EAST, A DISTANCE OF 24.06 FEET, TO A POINT ON THE NORTHERLY RIGHT OF WAY LINE OF MEADOWLARK LANE;

THENCE ALONG A NON TANGENT CURVE TO LEFT, HAVING A RADIUS OF 643.93 FEET, A CENTRAL ANGLE OF 09°31'34", A TANGENT LENGTH OF 53.65 FEET, THE CHORD OF WHICH BEARS SOUTH 60°04'11" WEST, A DISTANCE OF 106.94 FEET, FOR AN ARC LENGTH OF 107.06 FEET;

THENCE LEAVING SAID RIGHT OF WAY LINE, NORTH 01°33'55" WEST, A DISTANCE OF 79.69 FEET;

THENCE SOUTH 88°26'25" WEST, A DISTANCE OF 388.81 FEET;

THENCE NORTH 01°29'20" WEST, A DISTANCE OF 390.72 FEET;

THENCE NORTH 88°32'42" EAST, A DISTANCE OF 175.74 FEET;

THENCE NORTH 01°19'45" WEST, A DISTANCE OF 250.12 FEET, TO A POINT ON SOUTHERLY RIGHT OF WAY OF HUMMINGBIRD LANE;

THENCE CONTINUING ALONG SAID RIGHT OF WAY, NORTH 88°40'17" EAST, A DISTANCE OF 33.00 FEET, TO THE **POINT OF BEGINNING;**

SHEET INDEX

C-1 COVER SHEET
C-2 SWPPP
C-3 DETAILS

UTILITIES

WATER: CITY OF PHOENIX
SANITARY SEWER: TOWN OF PARADISE VALLEY
ELECTRIC: APS
TELEPHONE: CENTURY LINK, COX COMM.
NATURAL GAS: SOUTHWEST GAS
CABLE TV: CENTURY LINK, COX COMM.

LEGAL DESCRIPTION

LOT 1 AND 2, MEADOWLARK LOT SPLIT, ACCORDING TO BOOK 1421 OF MAPS, PAGE 39, RECORDS OF MARICOPA COUNTY, ARIZONA.

BENCHMARK

PARADISE VALLEY BRASS CAP FLUSH, NO STAMPING ON T2N, R4E, 10N, ON INDIAN BEND ROAD, HAVING AN ELEVATION OF 1316.441, TOWN OF PARADISE VALLEY (NAVD 88) DATUM, GDACS# 24526-1.

BASIS OF BEARING

THE WEST PROPERTY LINE THE BEARING OF WHICH IS N01°30'54"W AS SHOWN HEREON.

FLOOD INSURANCE RATE MAP (FIRM) DATA

COMMUNITY #	PANEL #		SUFFIX	
040049	1765 OF 4425		L	BASE FLOOD ELEVATION N/A
MAP #	PANEL DATE	FIRM INDEX DATE	ZONE	
04013C	10/16/2013	11/04/2015	X*	

*AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

ABBREVIATIONS

BC	BACK OF CURB
BSL	BUILDING SETBACK LINE
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G	GUTTER, GAS
INV	INVERT
MAG	MARICOPA ASSOCIATION OF GOVERNMENTS
(M)	MEASURED
MCR	MARICOPA COUNTY RECORDER
P	PAVEMENT
PUE	PUBLIC UTILITY EASEMENT
(R)	RECORDED
R	RADIUS
R/W	RIGHT OF WAY
T	TANGENT, TELEPHONE
W	WEST, WATERLINE
TC	TOP OF CURB

OWNER

MARK & KATHERINE STOLESON
6519 E HUMMINGBIRD LN.,
PARADISE VALLEY, AZ 85253

SITE DATA

APN: 174-52-002H
ADDRESS: 6528 E MEADOWLARK LN.,
PARADISE VALLEY, AZ 85253
ZONING: R-43 HILLSIDE
LOT AREA: 82,915 S.F (1.903 AC.)
QS #: 23-43

APN: 174-52-002G
ADDRESS: 6519 E HUMMINGBIRD LN.,
PARADISE VALLEY, AZ 85253
ZONING: R-43 HILLSIDE
LOT AREA: 84,234 S.F (1.934 AC.)
QS #: 23-43

LAND SURVEYOR

OUTER LIMITS LAND SURVEYING, LLC
BRIAN EARL SEARAN, RLS #54120
PO BOX 71957
PHOENIX, AZ 85050
P: 602 486 1154
EMAIL: BSEARAN@OUTERLIMITSLS.COM

NOTE: CIVIL ENGINEERING DESIGN PRESENTED HEREIN IS BASED ON THE TOPOGRAPHIC SURVEY MAP, PROVIDED IN AN ELECTRONIC FORMAT BY SURVEYOR LISTED ABOVE. LAND DEVELOPMENT GROUP, LLC ASSUMES NO LIABILITY FOR ERRORS AND OMMISSIONS SHOWN ON THE SURVEY AND INFORMATION PROVIDED BY OTHERS.

ARCHITECT

THOMSON ARCHITECTURE, LLC
CONTACT: MEREDITH THOMSON
P: 415-310-2372
MEREDITH@MTARCH.COM

CIVIL ENGINEER

LAND DEVELOPMENT GROUP, LLC
8808 N CENTRAL AVE, SUITE 288
PHOENIX, AZ 85020
CONTACT: NICK PRODANOV, PE
P: 602-889-1984

LANDSCAPE

BERGHOFF DESIGN GROUP
4561 E MCDOWELL RD.,
SUITE 200,
PHOENIX, AZ 85008
P: 480-481-3433

CONSTRUCTION SEQUENCE

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
2. CLEAR AND GRUB.
3. CONSTRUCT RETENTION/SEDIMENTATION BASINS.
4. ROUGH GRADE SITE WHILE PROVIDING POSITIVE DRAINAGE TO BASINS.
5. STABILIZE DENUDED AREAS AND STOCKPILES AS SOON AS PRACTICABLE.
6. FINAL GRADE AND CONSTRUCT BUILDING PADS.
7. INSTALL UNDERGROUND STORM DRAIN PIPES AND ALL UNDERGROUND UTILITIES.
8. COMPLETE BUILDING CONSTRUCTION.
9. CONSTRUCT PAVING AND SIDEWALKS.
10. COMPLETE FINAL GRADING, INSTALL PERMANENT SEEDING AND LANDSCAPING.

APPROVAL

THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH TOWN OF PARADISE VALLEY REQUIREMENTS PRIOR TO ISSUANCE OF PERMIT. THE TOWN NEITHER ACCEPTS NOR ASSUMES ANY LIABILITY FOR ERRORS OR OMISSIONS. THIS COMPLIANCE APPROVAL SHALL NOT PREVENT THE TOWN ENGINEER FROM REQUIRING CORRECTIONS OF ERRORS OR OMISSIONS IN THE PLANS TO BE FOUND IN VIOLATION OF LAWS OR ORDINANCES.

_____ _____
TOWN ENGINEER DATE
TOWN OF PARADISE VALLEY

Contact Arizona 811 at least two full working days before you begin excavation
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Call 811 or click Arizona811.com

REVISIONS:	DATE:	SCALE: N.T.S	DATE: 11/17/25
		DESIGNED BY: NP	JOB: 2503109
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STORM WATER POLLUTION PREVENTION PLAN COVER SHEET

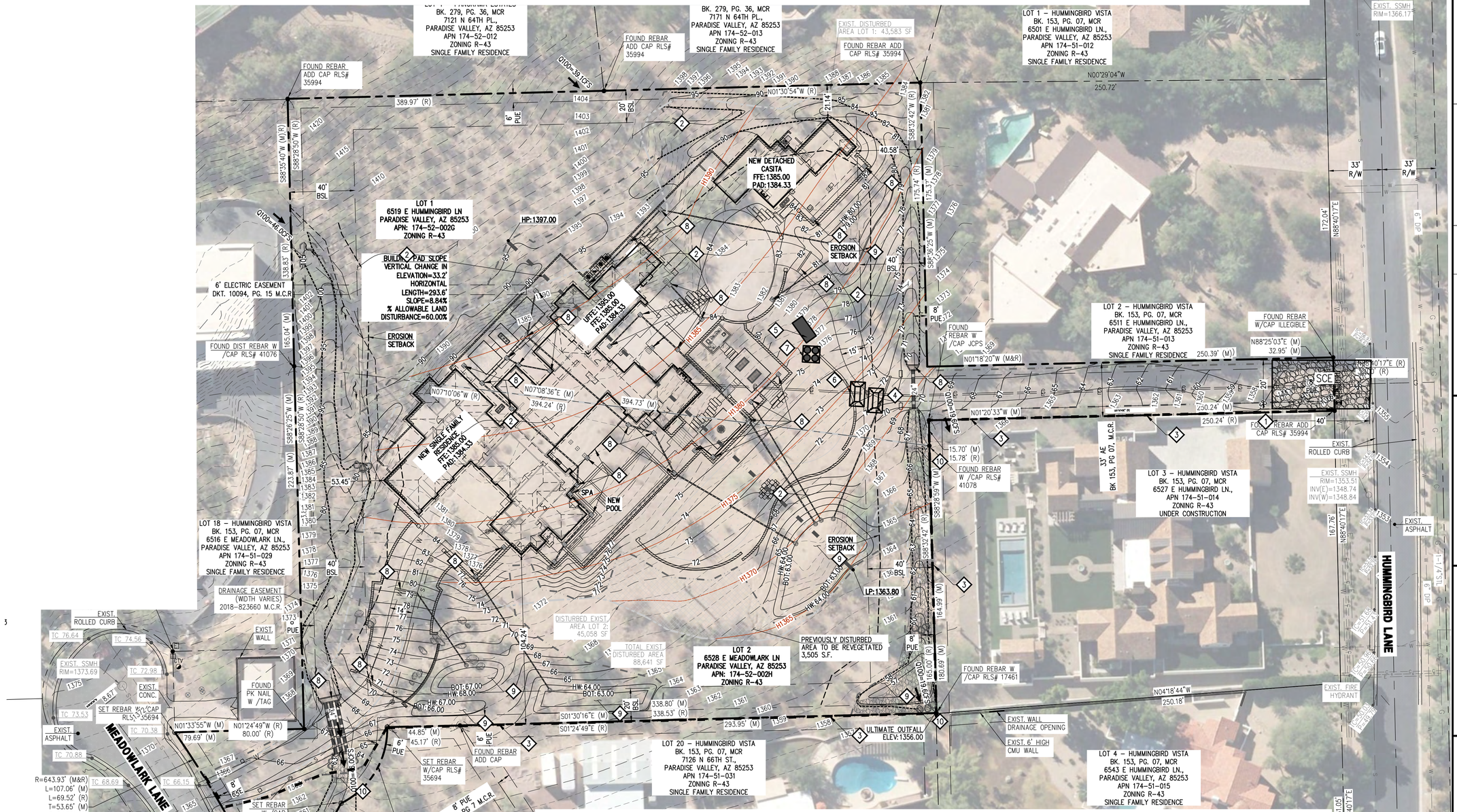
STOLESON RESIDENCE 6519 & 6528 E HUMMINGBIRD LN, PARADISE VALLEY, AZ 85253

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Land DEVELOPMENT GROUP

PRELIMINARY NOT FOR CONSTRUCTION
REGISTERED PROFESSIONAL ENGINEER
Nicholas Prodanov
11/17/25

SP-1
1 OF 3

XXXX



SWPPP KEY-NOTES

1. STABILIZED CONSTRUCTION ENTRANCE PER FCDMC BMP-37 THROUGH BMP-40 AND DETAILS ON SHEET SP-2
2. DUST CONTROL PER FCDMC BMP-43 THROUGH BMP-46
3. SILT FENCE PER FCDMC BMP-63 THROUGH BMP-68, EPA STANDARDS AND DETAILS, AND DETAILS ON SHEET SP-2 OR STRAW WATTLES PER MARICOPA COUNTY EROSION CONTROL MANUAL SPC-1 ORGANIC FILTER BARRIER.
4. DESIGNATED CONCRETE WASHOUT VESSEL PER FCDMC BMP-99 THROUGH BMP-100 AND DETAILS ON SHEET SP-2
5. DUMPSTER/TRASH CONTAINER
6. DESIGNATED PAINT/SOLVENT WASHOUT VESSEL PER FCDMC BMP-99 THROUGH BMP-100 AND DETAILS ON SHEET SP-2
7. DESIGNATED HAZARDOUS WASTE CONTAINMENT AREA. SEGREGATE POTENTIALLY HAZARDOUS WASTE FROM NON-HAZARDOUS CONSTRUCTION SITE WASTE. HAZARDOUS WASTES ARE NOT TO BE DISPOSED OF IN DUMPSTER AND SHALL BE HAULED TO AN APPROPRIATE DISPOSAL AND/OR RECYCLING FACILITY.
8. DROP INLET PROTECTION.
9. RETENTION/SEDIMENTATION BASIN.
10. ROCK OUTLET PROTECTION.

LEGEND

- SF — SILT FENCE
- SCE — STABILIZED CONSTRUCTION ENTRANCE
- W.A. — DESIGNATED WASHOUT AREA
- DESIGNATED HAZARDOUS WASTE CONTAINMENT AREA
- TRASH CONTAINER

30' 15' 0 30'

SCALE 1" = 30'

Contact Arizona 811 at least two full working days before you begin excavation

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STORM WATER POLLUTION PREVENTION PLAN

STOLESON RESIDENCE
6519 & 6528 E HUMMINGBIRD LN.,
PARADISE VALLEY, AZ 85253

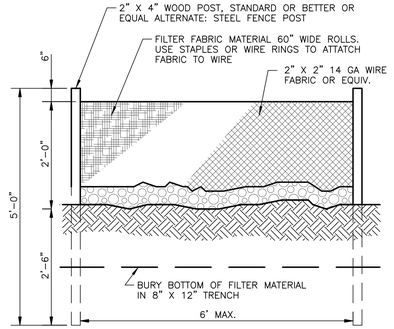
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Land DEVELOPMENT GROUP

REGISTERED PROFESSIONAL ENGINEER — PRELIMINARY NOT FOR CONSTRUCTION — 17 OCT 2025 — STATE OF ARIZONA — U.S.A. — Nate Thatcher

SP-2
2 OF 3

XXXXX

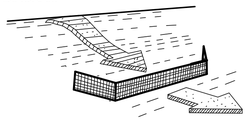
STORM WATER POLLUTION PREVENTION PLAN
BEST MANAGEMENT PRACTICES DETAILS



SILT FENCE
BMP-67

SYMBOL	SILT FENCE
S.F.	

DIAGRAM



CONDITIONS WHERE PRACTICE APPLIES
- ___ PERIMETER CONTROL
- ___ SLOPE PROTECTION
- * SEDIMENT TRAPPING
- ___ DRAINAGEWAY & STREAM PROTECTION
- ___ TEMPORARY STABILIZATION
- ___ PERMANENT STABILIZATION & EXPOSURE LIMITS
- ___ NON-SEDIMENT POLLUTION CONTROL

DEFINITION

A TEMPORARY SEDIMENT BARRIER CONSISTING OF A FILTER FABRIC STRETCHED ACROSS AND ATTACHED TO SUPPORTING POSTS, ENTRENCHED, AND, DEPENDING UPON THE STRENGTH OF THE FABRIC USED, WITH WIRE FENCE FOR SUPPORT.

PURPOSE

1. TO INTERCEPT AND DETAIN SMALL AMOUNTS OF SEDIMENT FROM DISTURBED AREAS DURING CONSTRUCTION OPERATIONS IN ORDER TO PREVENT SEDIMENT FROM LEAVING THE SITE.
2. TO DECREASE THE VELOCITY OF SHEET FLOWS AND LOW-TO-MODERATE LEVEL CHANNEL FLOWS.

APPROPRIATE APPLICATIONS

FILTER FENCES MUST BE PROVIDED JUST UPSTREAM OF THE POINT(S) OF DISCHARGE OF RUNOFF FROM A SITE, BEFORE THE FLOW BECOMES CONCENTRATED. THEY MAY ALSO BE USED:

1. BELOW DISTURBED AREAS WHERE RUNOFF MAY OCCUR IN THE FORM OF SHEET AND RILL EROSION; WHEREVER RUNOFF HAS THE POTENTIAL TO IMPACT DOWNSTREAM RESOURCES.

2. PERPENDICULAR TO MINOR SWALES OR DITCH LINES FOR UP TO ONE ACRE CONTRIBUTING DRAINAGE AREAS.

NOT INTENDED FOR USE IN DETAINING CONCENTRATED FLOWS.

SYNTHETIC FABRIC FILTER FENCES ARE ONLY APPLICABLE FOR SHEET OR OVERLAND FLOWS AND NOT THE VOLUMES OF WATER IN CONCENTRATED FLOWS.

BMP-63

SYMBOL	SILT FENCE
S.F.	

LIMITATIONS
1. FILTER FENCES WILL CREATE A TEMPORARY SEDIMENTATION POND ON THE UPSTREAM SIDE OF THE FENCE WHICH MAY CAUSE TEMPORARY FLOODING. FENCES NOT CONSTRUCTED ON A LEVEL CONTOUR WILL BE OVERTOPPED BY CONCENTRATED FLOW RESULTING IN FAILURE OF THE FILTER FENCE.
2. FILTER FENCES ARE NOT PRACTICAL WHERE LARGE FLOWS OF WATER ARE INVOLVED, HENCE THE NEED TO RESTRICT THEIR USE TO DRAINAGE AREAS OF ONE ACRE OR LESS, AND FLOW RATES OF LESS THAN 0.5 CFS.
3. PROBLEMS MAY ARISE FROM INCORRECT SELECTION OF PORE SIZE AND/OR IMPROPER INSTALLATION.
4. DO NOT ALLOW WATER DEPTH TO EXCEED 1.5 FEET AT ANY POINT.
5. IMPROPERLY INSTALLED FENCES ARE SUBJECT TO FAILURE FROM UNDERCUTTING, OVERTOPPING, OR COLLAPSING.

PLANNING CONSIDERATIONS
LABORATORY WORK AT THE VIRGINIA HIGHWAY AND TRANSPORTATION RESEARCH COUNCIL HAS SHOWN THAT SILT FENCES CAN TRAP A MUCH HIGHER PERCENTAGE OF SUSPENDED SEDIMENTS THAT CAN STRAW BALES. SILT FENCES ARE PREFERABLE TO STRAW BARRIERS IN MANY CASES. HOWEVER WHILE THE FAILURE RATE OF SILT FENCES IS LOWER THAN THAT OF STRAW BARRIERS, THERE ARE MANY INSTANCES LOCALLY IN WHICH SILT FENCES HAVE BEEN IMPROPERLY INSTALLED. THE INSTALLATION METHODS OUTLINED HERE CAN IMPROVE PERFORMANCE.

1. CONSTRUCT ALONG A LEVEL CONTOUR.
2. SILT FENCES SHOULD REMAIN IN PLACE UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED.
3. PROVIDE SUFFICIENT ROOM FOR SEDIMENT REMOVAL EQUIPMENT BETWEEN THE SILT FENCE AND TOES OF SLOPES OR OTHER OBSTRUCTIONS.
4. THE ENDS OF THE FILTER FENCE SHOULD BE TURNED UPHILL TO PREVENT STORMWATER FROM FLOWING AROUND THE FENCE.
5. PROVIDE AN UNDISTURBED OR STABILIZED OUTLET SUITABLE FOR SHEET FLOW.
6. DO NOT CONSTRUCT IN LIVE STREAMS OR INTERMITTENTLY FLOWING CHANNELS.

DESIGN & SIZING CRITERIA
1. UPSTREAM DRAINAGE AREA LIMITED TO 1 ACRE OR LESS WHEN USED ALONE OR IN COMBINATION WITH SEDIMENT BASIN IN A LARGER SITE.
2. MAXIMUM SLOPE STEEPNESS PERPENDICULAR TO FENCE LINE, 1:1.
MAXIMUM SHEET OR OVERLAND FLOW PATH LENGTH TO THE FENCE = 100 FEET.
3. NO CONCENTRATED FLOWS GREATER THAN 0.5 CFS.

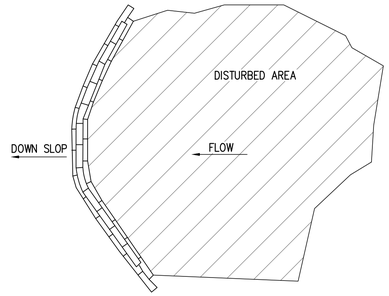
SELECTION OF A FILTER FABRIC IS BASED ON SOIL CONDITIONS AT THE CONSTRUCTION SITE (WHICH AFFECT THE EQUIVALENT OPENING SIZE (EOS) FABRIC SPECIFICATION) AND CHARACTERISTICS OF THE SUPPORT FENCE (WHICH AFFECT THE CHOICE OF TENSILE STRENGTH). THE DESIGNER SHALL SPECIFY A FILTER FABRIC THAT RETAINS THE SOIL FOUND ON THE CONSTRUCTION SITE YET WILL HAVE OPENINGS LARGE ENOUGH TO PERMIT DRAINAGE AND PREVENT CLOGGING. THE FOLLOWING CRITERIA IS RECOMMENDED FOR SELECTION OF THE EQUIVALENT OPENING SIZE:

1. IF 50 PERCENT OR LESS OF THE SOIL, BY WEIGHT, WILL PASS THE U.S. SIEVE NO. 200, SELECT THE EOS TO RETAIN 85 PERCENT OF THE SOIL. SHOULD NOT BE FINER THAN EOS 70.
2. FOR ALL OTHER SOIL TYPES, THE EOS SHOULD BE NO LARGER THAN THE OPENINGS IN THE U.S. STANDARD SIEVE NO. 70 [0.0083 IN. (0.21 MM.)] EXCEPT WHERE DIRECT DISCHARGE TO A STREAM, LAKE, OR WETLAND WILL OCCUR, THEN THE EOS SHALL BE NO LARGER THAN STANDARD SIEVE NO. 100.

TO REDUCE THE CHANCE OF CLOGGING, IT IS PREFERABLE TO SPECIFY A FABRIC WITH OPENINGS AS LARGE AS ALLOWED BY THE CRITERIA. NO FABRIC SHOULD BE SPECIFIED WITH AN EOS SMALLER THAN U.S. STANDARD SIEVE NO. 100 [0.0059 IN. (0.15MM.)]. IF 85 PERCENT OR MORE OF A SOIL, BY WEIGHT, PASSES THROUGH THE OPENINGS IN A NO. 200 SIEVE [0.0029 IN. (0.074 MM.)], FILTER FABRIC SHALL NOT BE USED. MOST OF THE PARTICLES IN SUCH A SOIL WOULD NOT BE RETAINED IF THE EOS WAS TOO LARGE, AND THEY WOULD CLOG THE FABRIC QUICKLY IF THE EOS WAS SMALL ENOUGH TO CAPTURE THE SOIL.

BMP-64-65

GRAVELBAG SEDIMENT TRAP DETAIL



SEDIMENT TRAP ALOGN THE DOWNSLOPE PERIMETERS OF CONSTRUCTION DISTURBED AREA
N.T.S.

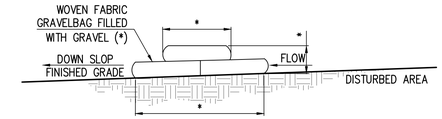
SELECTION OF FABRIC TENSILE STRENGTH AND BURSTING STRENGTH CHARACTERISTICS SHALL BE SUPPORTED WITH WIRE MESH IN AND AS RECOMMENDED BY THE FABRIC MANUFACTURER.
FILTER FABRIC MATERIAL SHALL CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF SIX MONTHS OF EXPECTED USABLE LIFE AT A TEMPERATURE RANGE OF 0° F. TO 120° F.

1. TYPICAL INSTALLATION:

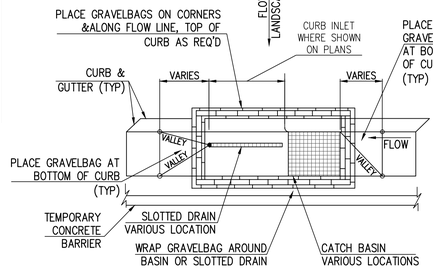
FILTER FENCES ARE TO BE CONSTRUCTED ON A LEVEL CONTOUR TO MAXIMIZE THE AVAILABLE PONDING AREA AND PREVENT CONCENTRATION OF FLOW AGAINST THE FENCE.
A. POSTS SHALL BE SPACED A MAXIMUM OF 6 FEET APART AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 30 INCHES.
B. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 8 INCHES WIDE AND 12 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
C. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH LONG, TIE WIRES OR HOG RINGS SHALL EXTEND INTO THE TRENCH A MINIMUM OF 4 INCHES.
D. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 20 INCHES OF THE FABRIC SHALL EXTEND INTO THE TRENCH. WHEN EXTRA-STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT WIRED DIRECTLY FENCE MAY BE ELIMINATED AND THE FILTER FABRIC STAPLED OR WIRED DIRECTLY TO THE POSTS.
E. THE USE OF JOINTS SHOULD BE AVOIDED. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6 INCH OVERLAP AND BOTH ENDS SECURELY FASTENED TO THE POST.
F. THE TRENCH SHALL BE BACKFILLED WITH 3/4-INCH MINIMUM DIAMETER WASHED GRAVEL OR COMPACTED NATIVE MATERIAL.

NOTES:

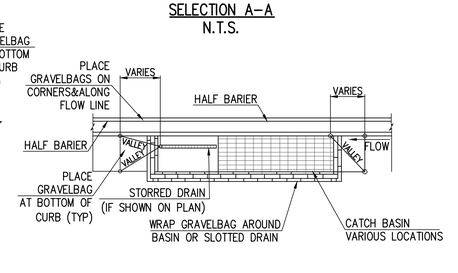
1. * SEE SPECIAL PROVISIONS.
2. GRAVELBAG MATERIEL SHALL BE FROM POLYPROPYLENE, POLYETHYLENE, OR POLYAMIDE WOVEN FABRIC. SEE SPECIAL PROVISIONS FOR MULLEN BURST STRENGTH AND ULTRAVIOLET STABILITY REQUIREMENTS.
3. WHEN SEDIMENT DEPTH REACHES 3 INCHES, REMOVE, AND PROPERLY DISPOSE OF ACCUMULATED MATERIAL.
4. TOP OF GRAVELBAG TO BE 2 INCHES BELOW TOP OF ADJACENT ROADWAY TO ALLOW DRAINAGE INTO THE CATCH BASIN.
5. GRAVELBAG BMP SHALL NOT BE APPLIED IN THE AREA OF OPEN TRAFFIC.
6. THE INSTALLATION AND MAINTENANCE OF GRAVELBAG BMPS SHALL NOT NEGATIVELY IMPACT TRAFFIC SAFETY, AS WELL AS THE DESIGN FUNCTION OF ROADWAY OR BRIDGE DRAINAGE FACILITIES. FOR EROSION/SEDIMENT CONTROL PURPOSES, GRAVELBAG BMPS SHALL BE INSTALLED AND MAINTAINED TO CARRY THE STORM WATER OF AT LEAST 2-YEAR, 24-HOUR EVENTS.
7. THE GRAVELBAG BMPS PAY/BID ITEM SHALL INCLUDE ALL MATERIALS USED FOR THIS BMP, ALL GROUND PREPARATION, FURNISHING, INSTALLING, FINAL REMOVAL, AND DISPOSAL OF THIS TEMPORARY BMP, AS WELL AS RETURNING THE AREA TO AN ACCEPTABLE CONDITION AS APPROVED BY THE ENGINEER.



SELECTION A-A
N.T.S.

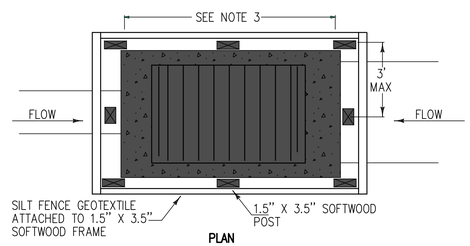


PLAN VIEW
N.T.S.

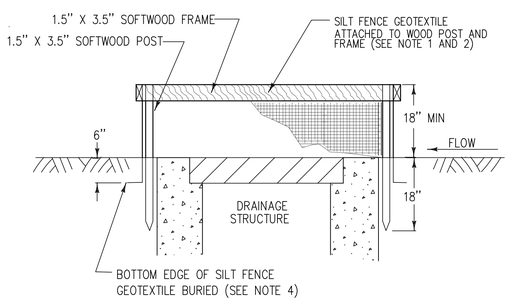


PLAN VIEW
N.T.S.

DROP INLET PROTECTION
SILT FENCE DROP INLET PROTECTION



PLAN



SECTION

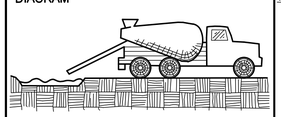
APPLICATION NOTES:
A. THE PRIMARY PURPOSE OF DRAINAGE STRUCTURE INLET PROTECTION IS TO PREVENT SEDIMENT FROM ENTERING A DRAINAGE SYSTEM BY PONDING WATER WHICH ALLOWS SEDIMENT TO FALL OUT OF SUSPENSION.
B. THESE EXAMPLES OF DROP INLET PROTECTION ARE NOT INTENDED FOR USE ON GRADES. ON GRADE THEY MAY CAUSE WATER TO BYPASS THE STRUCTURE, CREATING ADDITIONAL EROSION OR FLOODING.
C. POSSIBLE MODIFICATIONS FOR USE ON GRADE INCLUDE ADDING A BERM DOWNSTREAM OF THE INLET TO CREATE PONDING. CHECK DAMS MAY ALSO BE USED UPSTREAM OF THE INLET TO SLOW VELOCITIES.
D. PREFABRICATED DROP INLET PROTECTION SPECIFICATIONS SHALL BE PROVIDED TO THE ENGINEER FOR APPROVAL PRIOR TO USE.

GENERAL NOTES:
1. THE TOP OF THE INLET PROTECTION SHALL BE SET AT THE MAXIMUM DESIRED WATER LEVEL, BASED ON FIELD LOCATION AND CONDITIONS.
2. SILT FENCE GEOTEXTILE SHALL BE A SINGLE CONTINUOUS PIECE TO ELIMINATE JOINTS.
3. SPACE SILT FENCE POSTS EVENLY AROUND INLET WITH A MAXIMUM SPACING OF 3 FEET. DRIVE POSTS A MINIMUM OF 18 INCHES INTO GROUND. WIRE MESH MAY BE REQUIRED BEHIND GEOTEXTILE TO PROVIDE SUPPORT.
4. SECURE THE ENDS OF THE APRON FOR THE PREFABRICATED DRAINAGE STRUCTURE INLET PROTECTION WITH STAPLES AS DETAILED IN THE PLAN VIEW OR AS RECOMMENDED BY THE MANUFACTURERS SPECIFICATIONS.
5. MEASURE'S SHALL BE INSPECTED EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF A STORM EVENT GREAT ENOUGH TO CAUSE WATER TO LEAVE THE CONSTRUCTION SITE.
6. MEASURES SHALL BE CLEANED AND REPAIRED AS NEEDED, SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF OF THE MEASURE HEIGHT. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.

Contact Arizona 811 at least two full working days before you begin excavation
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Call 811 or click Arizona811.com

SYMBOL	DESIGNATED WASHOUT AREA
W.A.	

DIAGRAM



CONDITIONS WHERE PRACTICE APPLIES
- ___ PERIMETER CONTROL
- ___ SLOPE PROTECTION
- ___ SEDIMENT TRAPPING
- ___ DRAINAGEWAY & STREAM PROTECTION
- ___ TEMPORARY STABILIZATION
- ___ PERMANENT STABILIZATION & EXPOSURE LIMITS
- * NON-SEDIMENT POLLUTION CONTROL

DEFINITION

A TEMPORARY PIT OR BERMED AREA FOR WASHOUT OF CONCRETE TRUCKS, TOOLS, MORTAR MIXERS, ETC.

PURPOSE

IMPROPER WASHOUT OF CONCRETE TRUCKS, TOOLS, ETC. MAY ALLOW FRESH CONCRETE OR CEMENT LADEN MORTAR TO ENTER A STORM DRAINAGE SYSTEM.

APPROPRIATE APPLICATIONS

EFFECTIVE WHEN VEHICLES, TOOLS, AND MIXERS CAN BE MOVED TO THE PIT LOCATION. WHERE THIS IS NOT PRACTICAL, TEMPORARY PONDS MAY BE CONSTRUCTED TO ALLOW FOR SETTLING AND HARDENING OF CEMENT AND AGGREGATES. WASHOUT AREA/PITS ARE APPROPRIATE FOR MINOR AMOUNTS OF WASH WATER WHICH RESULT FROM CLEANING OF AGGREGATE MATERIALS OR CONCRETE TRUCKS, TOOLS, ETC.

PLANNING CONSIDERATIONS

1. WASH OUT INTO A SLURRY PIT WHICH WILL LATER BE BACKFILLED. DO THIS ONLY WITH THE APPROVAL OF THE PROPERTY OWNER.

2. WASH OUT INTO A TEMPORARY PIT WHERE THE CONCRETE WASH CAN HARDEN, BE BROKEN UP, AND THEN PROPERLY DISPOSED OF OFF-SITE.

DESIGN & SIZING CRITERIA

1. LOCATE WASHOUT PITS AWAY FROM STORM DRAINS, OPEN DITCHES, OR STORMWATER RECEIVING WATERS.

2. DO NOT WASHOUT CONCRETE TRUCKS INTO STORM DRAINS, SANITARY SEWERS, STREET GUTTERS, OR STORMWATER CHANNELS.

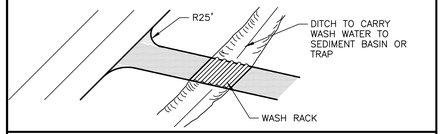
MAINTENANCE REQUIREMENTS

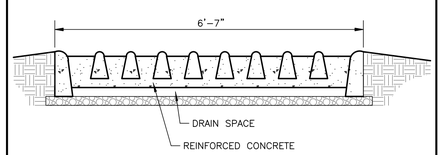
PROPERLY DISPOSE OF HARDENED CONCRETE PRODUCTS ON A ROUTINE BASIS TO PREVENT THE BUILDUP OF WASTE MATERIALS TO AN UNMANAGEABLE SIZE AND TO MAINTAIN PERCOLATION OF WATER.

REFERENCE (14)

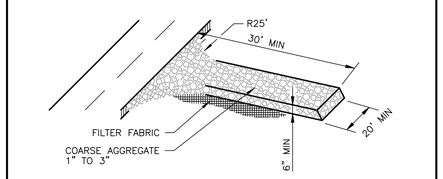
BMP-99&100

SYMBOL	STABILIZED CONSTRUCTION ENTRANCE





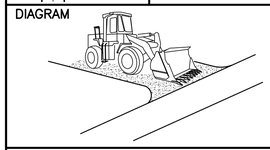
WASH RACK



STABILIZED CONSTRUCTION ENTRANCE
BMP-35

SYMBOL	STABILIZED CONSTRUCTION ENTRANCE
S.C.E.	

DIAGRAM



CONDITIONS WHERE PRACTICE APPLIES
- ___ PERIMETER CONTROL
- * SLOPE PROTECTION
- ___ SEDIMENT TRAPPING
- ___ DRAINAGEWAY & STREAM PROTECTION
- * TEMPORARY STABILIZATION
- ___ PERMANENT STABILIZATION & EXPOSURE LIMITS
- * NON-SEDIMENT POLLUTION CONTROL

DEFINITION
A STABILIZED PAD OF AGGREGATE UNDERLAIN WITH FILTER CLOTH LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY, SIDEWALK OR PARKING AREA.
PURPOSE
THE PURPOSE OF A STABILIZED CONSTRUCTION ENTRANCE IS TO REDUCE OR ELIMINATE THE TRACKING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY OR STREETS. REDUCING TRACKOUT OF SEDIMENTS AND OTHER POLLUTANTS ONTO PAVED ROADS HELPS PREVENT DEPOSITION OF SEDIMENTS INTO LOCAL STORM DRAINS AND PRODUCTION OF AIRBORNE DUST.
APPROPRIATE APPLICATIONS
A STABILIZED CONSTRUCTION ENTRANCE SHOULD BE USED AT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS. NPDES PERMITS REQUIRE THAT APPROPRIATE MEASURES BE IMPLEMENTED TO PREVENT TRACKOUT OF SEDIMENTS ONTO PAVED ROADWAYS.
LIMITATIONS
THE STABILIZED CONSTRUCTION ENTRANCE PLAN SHOULD BE REVIEWED AS PART OF THE PROJECT TRAFFIC CONTROL PLAN.
– CONSTRUCT ON LEVEL GROUND.
– STABILIZED CONSTRUCTION ENTRANCES ARC RATHER EXPENSIVE TO CONSTRUCT AND WHEN A WASH RACK IS INCLUDED, A SEDIMENT TRAP OF SOME KIND MUST ALSO BE PROVIDED TO COLLECT WASH WATER RUNOFF.
PLANNING CONSIDERATIONS
STABILIZED CONSTRUCTION ENTRANCES ARE NOT VERY EFFECTIVE IN REMOVING SEDIMENT FROM EQUIPMENT LEAVING A CONSTRUCTION SITE. EFFICIENCY IS GREATLY INCREASED, THOUGH WHEN A WASHING RACK IS INCLUDED AS PART OF A STABILIZED CONSTRUCTION ENTRANCE. BUILD ON LEVEL GROUND.
1. ADVANTAGES:
– DOES REMOVE SOME SEDIMENT FROM EQUIPMENT AND SERVES TO CHANNEL CONSTRUCTION TRAFFIC IN AND OUT OF THE SITE.
DESIGN & SIZING CONSIDERATIONS
THE AGGREGATE FOR STABILIZED CONSTRUCTION ENTRANCE APRONS SHALL BE 1 TO 3 INCHES IN SIZE, WASHED, WELL-GRADED GRAVEL OR CRUSHED ROCK. THE APRON DIMENSIONS RECOMMENDED ARE 30 FT. X 50 FT. AND 6 INCHES DEEP.
ENTRANCE MUST BE PROPERLY GRADED TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE. WHEN WASH AREAS ARE PROVIDED, WASHING SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO A PROPERLY CONSTRUCTED SEDIMENT TRAP OR BASIN (POND).
MAINTENANCE REQUIREMENTS
– INSPECT MONTHLY AND AFTER EACH RAINFALL.
REPLACE GRAVEL MAT WHEN SURFACE VOIDS ARE NO LONGER VISIBLE.
– PERIODIC TOP DRESSING WITH ADDITIONAL STONE WILL BE REQUIRED.
ALL SEDIMENTS DEPOSITED ON PAVED ROADWAYS MUST BE REMOVED WITHIN 24 HOURS.
– REMOVE GRAVEL AND FILTER FABRIC UPON COMPLETION OF CONSTRUCTION.
REFERENCES (1, 2)

BMP-37&38

DATE: 11/17/25
SCALE: N.T.S.
DESIGNED BY: NP
DRAWN BY: CM
CHECKED BY: JM
JOB: 2503109
VERSION: 1.1
PLOT DATE: 11/17/25
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STORM WATER POLLUTION PREVENTION PLAN DETAILS

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PARADISE VALLEY, AZ 85253

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Land DEVELOPMENT GROUP

PRELIMINARY NOT FOR CONSTRUCTION
REGISTERED PROFESSIONAL ENGINEER
N. de Prelaman
STATE OF ARIZONA U.S.A.

SP-3
3 OF 3

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LIGHTING PLAN SYMBOL LEGEND

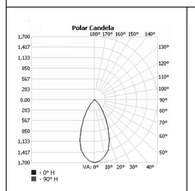
- SINGLE POLE SWITCH
- 3-WAY SWITCH/SMART SWITCH
- 4-WAY SWITCH
- SINGLE POLE JAMB SWITCH
- SINGLE POLE MOTION SWITCH
- SINGLE POLE SWITCH WITH WATERPROOF COVER
- SINGLE POLE FAN SWITCH
- SINGLE POLE TIMER SWITCH
- SINGLE POLE DIMMER
- 3-WAY DIMMER
- KEYNOTE BUBBLE
- CEILING MOUNTED JUNCTION BOX
- WALL MOUNTED JUNCTION BOX
- REMOTE LOW VOLTAGE TRANSFORMER - SEE FIXTURE SCHEDULE
- CEILING MOUNTED EXHAUST FAN
- WALL MOUNTED EXHAUST FAN
- ELECTRIC FIREPLACE IGNITER
- REMOTE LED DRIVER - SEE FIXTURE SCHEDULE
- SHADE AND DRAPE MOTOR (BY SHADE CONTRACTOR)
- LIGHTING CONTROL SYSTEM CONTROL STATION
- LIGHTING CONTROL SYSTEM WIRELESS RF STATION
- LIGHTING CONTROL SYSTEM STATION WITH WATERPROOF COVER BY OTHERS
- LIGHTING CONTROL SYSTEM SWITCH LEG NUMBER
- DUPLEX RECEPTACLE
- 1/2 HOT DUPLEX RECEPTACLE
- WEATHER PROOF GFCI DUPLEX RECEPTACLE
- SWITCHED WEATHER PROOF GFCI DUPLEX RECEPTACLE
- 1/2 HOT FLOOR PLUG RECEPTACLE
- MOTION DETECTOR
- CEILING MOUNTED DECORATIVE LUMINAIRE
- WALL MOUNTED DECORATIVE LUMINAIRE

NOTE: SOME SYMBOLS ON THIS LEGEND MAY NOT BE USED ON THIS PROJECT.

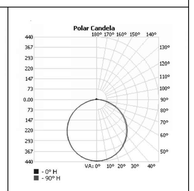
GENERAL NOTES

1. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO PROVIDE A LIGHTING SYSTEM WHICH IS COMPLETE AND OPERATIONAL. ALL MATERIALS AND EQUIPMENT NECESSARY TO ACCOMPLISH THIS INTENT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SUBSTITUTIONS TO SPECIFIED LIGHTING AND CONTROL EQUIPMENT SHALL NOT BE PERMITTED WITHOUT PRIOR REVIEW AND WRITTEN APPROVAL OF CREATIVE DESIGNS IN LIGHTING.
2. **THE GENERAL CONTRACTOR AND THE ELECTRICAL CONTRACTOR ARE RESPONSIBLE FOR REVIEWING THE INFORMATION ON ALL OF THESE PLANS. IF THERE ARE ERRORS OR OMISSIONS OR QUESTIONS CONCERNING THESE PLANS PLEASE CALL CREATIVE DESIGNS IN LIGHTING FOR CLARIFICATION.**
3. APPLICABLE REQUIREMENTS OF THE CURRENT NATIONAL ELECTRICAL CODE (NEC) AND STATE AND LOCAL CODES SHALL GOVERN AND DETERMINE THE MINIMUM STANDARD OF WORK. IN THE EVENT OF CONFLICT BETWEEN THIS DRAWING AND THE APPLICABLE CODE, THE CODE SHALL PREVAIL AND THE INSTALLATION SHALL BE MADE IN CONFORMANCE WITH THE CODE.
4. EXCEPT WHERE SPECIFICALLY NOTED, CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
5. ALL ELECTRICAL INSTALLATION TO MEET OR EXCEED THE REQUIREMENTS OF THE ELECTRICAL SPECIFICATIONS PREPARED BY THE PROJECT ELECTRICAL ENGINEER.
6. ELECTRICAL CONTRACTOR SHALL PROVIDE PRIMARY AND SECONDARY OVERCURRENT PROTECTION FOR ALL 12 VOLT AND 24 VOLT REMOTE TRANSFORMERS AND LED DRIVERS. ELECTRICAL CONTRACTOR TO SIZE ALL SECONDARY WIRING FOR REMOTE TRANSFORMERS / DRIVERS TO PREVENT A VOLTAGE DROP OF MORE THAN 1 VOLT. FINAL LOCATION OF ALL REMOTE TRANSFORMERS / DRIVERS TO BE VERIFIED IN THE FIELD BY GENERAL CONTRACTOR AND OWNER'S REPRESENTATIVE.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL LIGHTING EQUIPMENT WITH THE GENERAL CONTRACTOR AND ANY APPLICABLE SUB-CONTRACTOR (I.E. FRAMING, MECHANICAL, CABINETRY, ETC.) PRIOR TO ROUGH-IN.
8. **COORDINATE WITH OWNER/INTERIORS FOR THE SPECIFICATION AND PROCUREMENT OF ALL DECORATIVE FIXTURES. DECORATIVE FIXTURES TO BE ASSEMBLED AND INSTALLED BY ELECTRICAL CONTRACTOR. VERIFY FINAL LOCATIONS AND MOUNTING HEIGHTS WITH OWNER AND/OR INTERIOR DESIGNER. CONTRACTOR TO COORDINATE DIMMING REQUIREMENTS FOR ALL DECORATIVE FIXTURES WITH DIMMING SYSTEM SPECIFICATIONS.**
9. **ALL RECESSED TRIMS AND/OR TRIM RINGS SHALL BE PAINTED TO MATCH COLOR OF CEILING (INTERIOR AND EXTERIOR).**
10. COORDINATE WITH ARCHITECT/OWNER FOR MOUNTING HEIGHT AND FINAL LOCATIONS OF ALL WALL-BOX SWITCHES AND DIMMER DEVICES.
11. ALL DEVICES (I.E. SWITCHES, RECEPTACLES, PHONE JACKS, TELEVISION JACKS, ETC.) TO BE DECORA STYLE AND ALL WALL-BOX DIMMERS SHALL BE **LUTRON - DIVA SERIES** OR APPROVED EQUAL. COORDINATE WITH ARCHITECT FOR FINISH COLOR IN EACH SPACE AND COORDINATE WITH FIXTURE SCHEDULE FOR DIMMING REQUIREMENTS. SIZE AND DERATE ALL DIMMERS ACCORDING TO MANUFACTURERS SPECIFICATIONS.
12. ELECTRICAL CONTRACTOR'S BID SHALL INCLUDE TWO ELECTRICIANS FOR TWO (2) EVENINGS (4 HOUR MINIMUM EACH) FOR FINAL AIM AND FOCUS OF ALL ADJUSTABLE LIGHTING FIXTURES AND SCENE SETTING. CONTRACTOR TO PROVIDE ALL NECESSARY LADDERS/LIFTS AS REQUIRED.
13. COORDINATE WITH ELECTRICAL SPECIFICATIONS FOR RECESSED FLOORBOX RECEPTACLES. RECEPTACLES TO BE **CARLON #976-RFB – DEEP RECTANGULAR FLOOR PLUGS WITH COVER PLATE COLOR TO BE DETERMINED BY OWNER & INTERIOR DESIGNER** OR APPROVED EQUAL AND EXTERIOR WALL MOUNTED WATERPROOF RECEPTACLES SHALL BE RECESSED WITH ARLINGTON #DBVR1W WATERPROOF IN-USE COVERS. VERIFY SWITCHING REQUIREMENTS AND LOCATIONS OF ALL FLOOR PLUGS WITH OWNER AND/OR INTERIOR DESIGNER.
14. FOR SPECIFIC WIRING INFORMATION AND CIRCUITING REFER TO THE ELECTRICAL PLANS.
15. COORDINATE WITH ARCHITECT FOR SPECIFICATION AND PROCUREMENT OF CEILING FANS. FANS TO BE ASSEMBLED AND INSTALLED BY ELECTRICAL CONTRACTOR.
16. NOT LESS THAN 75 PERCENT OF THE LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH-EFFICACY LAMPS OR NOT LESS THAN 75 PERCENT OF THE PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL CONTAIN ONLY HIGH-EFFICACY LAMPS.
17. ALL EXTERIOR LIGHTING SHALL COMPLY WITH SECTION 1023 OF THE TOWN ZONING ORDINANCE

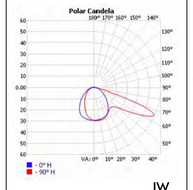
MANUFACTURER LIGHT DISTRIBUTION MAP FOR FIXTURE TYPES



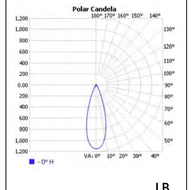
AX



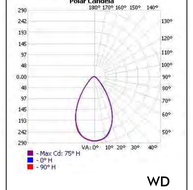
FX



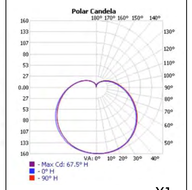
JW



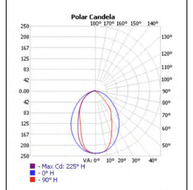
LB



WD



Y1



Y2

DECORATIVE 'ZG' GAS SCONCE:
NO PHOTOMETRIC WEB AVAILABLE

ZG

STOLESON P.V.
Fixture Schedule

CREATIVE DESIGNS IN LIGHTING

Note: Verify all components and quantities. Refer to product specifications for complete fixture data.

FixtureType	Fixture Specification	Lamp Specification	Fixture Wattage	Load Type	Fixture Voltage	Est Qty. or LF	Accessories	Mounting
AX	ELEMENT E3RFF-LO9306AI-750 (V-LMS) | E3RFB-OB / E3TREFS4B / LVR	LED: 3000K | 90+CRI (INTEGRAL TO FIXTURE)	12w	0-10vDC	120v		Glare Louver	Ceiling Recessed

adjustable recessed fixture with 4.3" flanged round beveled trim for wood ceilings -- damp location rated
Driver: Integral
Requires: Finish:Black [not approved as of 12.19.25]
1) 0-10vDC dimming requires BOTH (1) #12-2 high voltage and (1) #16-2 low voltage wires between dimmer and driver.
2) Electrical Contractor shall supply and install lenses and accessories during lamp installation per fixture specification.
3) Electrical Contractor to verify fixture housing will fit within structrual constraints prior to ordering.
4) Electrical Contractor to remove zip-ties from product housing prior to drywall. Manufacturer includes zip-ties for shipping purposes only.
5) Accommodates ceilings up to 1" thick. Change model number for 1.1"-2.5" thick ceilings. Electrical Contractor to confirm ceiling thickness prior to ordering.
6) Lumen Output = 750

FX-8'	ENVIRO LED LINEAR LED WATERPROOF LIGHTING WITH CHANNEL + DIFFUSE LENS	LED: 3000K | 95+CRI (INTEGRAL TO FIXTURE)	2w	ELV	24vDC			Surface Mount

CONTRACTOR TO DETERMINE BILL OF MATERIALS USING:
- wp-3000K-CLHE-8-CRI95-10m-ACCENT -- 16.4' waterproof led ribbon
- 8mm-no-hole-cap -- end cap with no holes (10 pack)
- 8mm-2hole-cap -- end cap with wire holes (10 pack)
- waterproof ribbon glue -- sealant for end caps
- CS106-2M -- 78.74" recessed channel + frosted lens
- EL-CAP-151-H -- channel end cap with hole
- EL-CAP-151 -- channel end cap without hole
- EL-CLIP-69 -- mounting bracket
- Loctite Power Grab -- mounting adhesive for led tape
- refer to "V#" driver schedule for driver specification
- wet location rated

Driver: Remote (see schedule)
Requires: * [# = Fixture Length]
1) Refer to fixture schedule for part numbers. Refer to plans for lengths.
2) Electrical Contractor to solder power wire leads onto led tape ribbon as necessary.
3) Electrical Contractor to cut and piece together waterproof sheath / caps with sealant.
4) Electrical Contractor to determine quantity + size of low voltage home-runs between fixtures and remote driver/s.
5) Electrical Contractor to size all secondary wiring for remote transformers / drivers to prevent a voltage drop of more than 1 volt.
6) Linear Wattage: 1.5 watts/foot

JW	WAC WL-LED100-C-BK	LED: 3000K | 90 CRI (INTEGRAL TO FIXTURE)	4w	ELV	120v			Wall Mount

fixed LED horizontal rectangular flanged steplight -- wet location rated
Driver: Integral
Requires: Finish: Black [not approved as of 12.19.25]
1) Mount +15° or +18° A.F.F. as shown on plan.
2) Fits into 2" x 4" j-box with minimum inside dimensions of 3"L x 2"W x 2"D.
3) Verify finish with Interiors prior to ordering.
4) Unit Wattage: 3.5 watts

LB	ACD210ABK-(NO WEEP HOLES) / AX1ABSE-BK / LVR	EA-MR16-7.0W-24D-3090-D	7w	MLV	12vAC		Glare Louver	Surface Mount

- adjustable surface mount fixture with led lamp
- refer to "T#" transformer schedule for transformer specification
- wet location rated

Transformer: Remote (see schedule)
Requires: Finish: Black [not approved as of 12.19.25]
1) Electrical Contractor shall supply and install lenses and accessories during lamp installation per fixture specification.
2) All LED MR16 lamps shall be Emery Allen 3000K 7W 90+CRI series.
3) Finish T.B.D. by interior designer+ approved by architect.
4) Lumen Output = 543

T#		- - -						

[T1] 100w/12vAC - Sesco #1022-12 - CASITA PATIO beam accents
1) Refer to fixture schedule for part numbers. Refer to plans for locations.
2) See fixture's cutsheet for driver spec information.

V#	REMOTE LED DRIVERS	- - -			120v			Surface Mount

[V1] 96w/24vDC - Enviro #DMU-24-96 - BBQ Patio hood accent
[V2] 96w/24vDC - Enviro #DMU-24-96 - YARD fire pit toe kick
1) Refer to fixture schedule for part numbers. Refer to plans for locations.
2) See fixture's cutsheet for driver spec information.

TYPE	SYMBOL	QTY	DESCRIPTION	MODEL NUMBER	LUMENS	COLOR TEMPERATURE
AX		44	RECESSED LED DEEP REGRESSED DOWNLIGHT	E3RFF-LO9306AI-MOD / E3RFB-OB / E3TREFS4B / LVR	750 LM	3000K
FX		2	RECESSED LINEAR LED TAPE LIGHT	WP-3000K-CLHE-8-CRI95-10m-ACCENT	135 LM/FT	3000K
JW		4	EXTERIOR STEP LIGHT	WL-LED100-C-BK	68 LM	3000K
LB		4	SURFACE MOUNT MONOPOINT	ACD210ABK-(NO WEEP HOLES) / AX1ABSE-BK / LVR	543 LM	3000K
WD		2	WALL MOUNTED FLOOD LIGHT	LF17X2-B-SMS	612 LM	3000K
Y1		2	DECORATIVE PENDANT	S-5125PW/BLK	480 LM	3000K
Y2		26	DECORATIVE WALL SCONCE	WS-W38608	391 LM	3000K
ZG		2	DECORATIVE GAS SCONCE	OWNER SUPPLIED / ELECTRICIAN INSTALL	N/A	N/A

STOLESON P.V.
Fixture Schedule

CREATIVE DESIGNS IN LIGHTING

Note: Verify all components and quantities. Refer to product specifications for complete fixture data.

FixtureType	Fixture Specification	Lamp Specification	Fixture Wattage	Load Type	Fixture Voltage	Est Qty. or LF	Accessories	Mounting
WD	RAB LF17X2-B-SMS	LED: 3000K | 80+CRI (INTEGRAL TO FIXTURE)	5w	NON-DIM	120v			Wall Mount

wall mounted LED floodlight with integral motion detector -- wet location rated
Driver: Integral
Requires: Finish: Black [not approved as of 12.19.25]
1) Electrical Contractor to wire constant hot and verify mounting height with Architect in field.
2) Fixture comes with field selectable color temperature and wattage. Electrical Contractor to select 5w and 3000K prior to installation.
3) Fixture to only work from dusk to dawn and be regulated with 10 minute timeout.
4) Lumen Output = 612

Y1	VISUAL COMFORT S-5125PW/BLK	6A19DIM/927 [#365552]	6w	ELV	120v			Surface Mount (Wall)

low output LED pendant with solid top and sides. damp location rated.
Requires: Finish: Soft Black [not approved as of 12.19.25]
1) Lumen Output = 480
2) Verify final locations and mounting heights with Owner and/or Interior Designer.
3) Fixtures to be assembled and installed by electrical contractor.

Y2	MODERN FORMS WS-W38608	LED: 3000K | 90+CRI (INTEGRAL TO FIXTURE)	11w	ELV	120v			Surface Mount (Wall)

low output LED wall sconce with solid top and sides. wet location rated.
Driver: Integral
Requires: Finish: Black [not approved as of 12.19.25]
1) Lumen Output = 391
2) Verify final locations and mounting heights with Owner and/or Interior Designer.
3) Fixtures to be assembled and installed by electrical contractor.
4) Unit Wattage: 10.7 watts

ZG	DECORATIVE WALL GAS LIGHT FIXTURES TO BE FURNISHED BY OWNER	- - -			120v			Surface Mount (Wall)

1) Refer to plans for locations.
2) Fixtures to be live. Assembled and installed by Plummer and Manufacturer.

General Specification Notes

1) Electrical Contractor to determine fixture housing rating (IC, Non-IC or Remodel) unless otherwise noted.
2) No substitutions permitted without prior approval from Creative Designs in Lighting.
3) All recessed trims and/or trim rings shall be painted to match color of ceiling.
4) Electrical Contractor to field measure all linear lighting prior to order.
5) All fixture finish colors to be verified with Architect / Interior Designer prior to order.
6) All Kelvin (color) temperatures to be verified with Architect / Interior Designer prior to order.

CREATIVE DESIGNS IN LIGHTING



15982 N. 78th St. Suite A
Scottsdale, Arizona 85260

602.248.7822
design@cdltg.com
www.cdltg.com

1978 **47** 2025
years of architectural lighting design

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STOLESON RESIDENCE
6519 E. HUMMINGBIRD LANE

REVISIONS

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DATE
2025.12.18

SCALE
N.T.S.

PROJECT NUMBER
126674-25

DRAWN BY
PD

CHECKED BY
BS

SHEET NAME

LIGHTING NOTES AND SCHEDULES

SHEET NUMBER

AL0

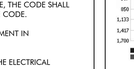
TYPE AX

VISUAL COMFORT & CO. | ARCHITECTURAL COLLECTION
FORMERLY KNOWN AS TECH LIGHTING

ELEMENT™ 3" LED
ADJUSTABLE DOWNLIGHT

The ELEMENT 3" Next Generation Adjustable recessed downlight features full adjustability with lockable, tool-free, hot aiming. ELEMENT's patented high/low lamp positioning allows the LED to be positioned closer to the aperture for maximum light output and efficiency or higher in the ceiling to minimize glare and flash on the trim. Options include premium warm dimming, tunable white, Xicato and Xicato Artist Series LED modules. Trim options include flanged or flangeless and flangeless in wood ceiling.

- Housing reduced by 60%
- Tool-free aiming/locking: 0-40° tilt, 361° rotation
- Patented high/low lamp positioning
- 1-step static white, 2-step warm dim and tunable white
- Standard dimming down to 1%
- Trims reflector options
- Solite Soft Focus lens option



SHOWN IN FLANGELESS BEVEL SQUARE

LUMEN/CBCP MULTIPLIERS

	80 CRI	90 CRI
CCT	MULTIPLIER	MULTIPLIER
2700K	1.12	0.98
3000K	1.18	1.00
3500K	1.22	1.03

Lumen output will vary by CCT and CRI.
See photometric charts for output information.

SPECIFICATIONS

	STATIC WHITE		XICATO		WARM DIM		TUNABLE WHITE
	HIGH OUTPUT	LOW OUTPUT	STANDARD SERIES	ARTIST SERIES	HIGH OUTPUT	LOW OUTPUT	5000K-2700K (3000K)	4000K-1800K (3000K)
DELIVERED LUMENS	1693/1440	860/740	1129	945	1225	940	1174	1209
WATTS	16	8.8	15	15	16	12	15	15
EFFICACY	106/90	109/92	75	63	77	78	78	81
CRI	80+/90+		90+	95+	90+		90+	
CBCP	10° - 2,437L | 18° - 5,633 25° - 5,053 | 40° - 2,739 60° - 1,699		21° - 3,841 | 43° - 2,733 60° - 1,094 (Values at 90 CRI)		18° - 4,793 | 25° - 4,221 40° - 2,328 | 60° - 1,444		18° - 5,019 | 25° - 4,220 40° - 2,438 | 60° - 1,552	
CCT	2700K, 3000K or 3500K		2700K, 3000K, or 3500K*		3000K - 1800K		5000K - 2700K	4000K - 1800K
COLOR CONSISTENCY	3-step		1 X 2-step		2-step		2-step	
VOLTAGE	120V or 277V							
DIMMING†	Standard reverse-phase forward-phase, TRIAC, and 0-10V dimming down to 1% eldoLED 0-10V or DALI-2 down to 0.1% Lutron Hi-lume EcoSystem down to 0.1%						eldoLED 0-10V or DALI-2 down to 0.1%	
POWER SUPPLY	Constant current driver with ~3.5 power factor and >80% efficiency							
OPTICS	Field changeable: 10°, 18°, 25°, 40°, or 60° TIR		Field changeable: 21°, 43°, or 60° reflector		Field changeable: 18°, 25°, 40°, or 60° TIR			
ADJUSTABILITY	Lockable, hot-aiming 0-40° tilt, 360° rotation, high/low lamp positioning, 40° roller rotation							
CEILING APPEARANCE	Flangeless, Flangeless or Flangeless in Wood Ceiling							
CEILING THICKNESS	Flangeless: No ceiling thickness limitations / Flangeless in Wood Ceiling: 1/2" to 1-1/2" Note: Thicker ceilings impact light cutoff							
CEILING APERTURE	3-3/8" ceiling cutout							
HOUSING	IC-Airtight, Non-IC Airtight, Chicago Plenum, IC suitable up to 850 spray foam insulation; Sauna/steam-room use available only with combination of H shower trim, LO low output housing, and I/C housing rating.							
CONSTRUCTION	Housing: Heavy-gauge, cold-rolled steel | Trim: Die-cast aluminum							
FINISH	Housing: Black Powder Coat | Trim: Antique Bronze, Black, Satin Nickel, or White (paintable)							
GENERAL LISTINGS	ETL Listed, Damp Location, Shower version Wet Listed							
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2019 Title 24 Part 6 (JA8-2016, JA8-2019) (for 90 CRI versions).							
L70	50,000 hours min.							
WARRANTY*	5 years							

Data in chart w/out 3500K/90 CRI values unless noted.
*3500K/90 CRI/Xicato Artist Series LED available, contact Quotes Department
Ordering aids available on page 3.
†see visualcomfort.com for dimmer compatibility.
‡visit visualcomfort.com for specific warranty limitations and details.
‡‡3000K Xicato module not available for Artist series.

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UPDATED 1/11/24

TYPE AX

VISUAL COMFORT & CO. | ARCHITECTURAL COLLECTION
FORMERLY KNOWN AS TECH LIGHTING

ELEMENT™ 3" LED
ADJUSTABLE DOWNLIGHT

ORDERING GRIDS

HOUSING

PRODUCT	CEILING APPEARANCE	OUTPUT	CRI/CCT
E3R ELEMENT ROUND	LF FLANGELESS FW FLANGELESS WOOD CEILING	4LM HIGH OUTPUT 2LM LOW OUTPUT	80 CRI, 2700K, 1-STEP 80 CRI, 3000K, 1-STEP 80 CRI, 3500K, 1-STEP
E3S ELEMENT SQUARE	WC WOOD CEILING	4XT CCT/OUTPUT TUNABLE WHITE	80 CRI, 5000K-2700K, TUNABLE WHITE 90 CRI, 5000K-2700K, TUNABLE WHITE 90 CRI, 4000K-1800K, TUNABLE WHITE 90 CRI, 3000K, WARM DIM, 2-STEP 90 CRI, 5000K-2700K, TUNABLE WHITE, 2-STEP‡ 90 CRI, 4000K-1800K, TUNABLE WHITE, 2-STEP‡
-X XICATO ARTIST SERIES	1ST 1ST GENERATION 2ND 2ND GENERATION		27 27 XICATO 30 30 XICATO 40 40 XICATO

BEAM SPREAD	FUNCTION	HOUSING FINISH
0 10°‡	A NIGHTLIGHT	B 700FJC BRONZE
1 18°		C CHICAGO PLENUM
2 25°		CH CHICAGO HEX
4 40°		DP DAMP LOCATION
		F FLANGELESS
		W WHITE

DRIVER
INTEGRATED DRIVER‡ 120V/277V
UNIVERSAL MAGECWAY 5% DIM
0 0-10V SINK LIGHT
CLEAR BLANK‡
CHICAGO PLENUM - LINEAR
-EL120 ELDOLED 0-10V 120 (QUARTERPAC
-EL120 ELDOLED 0-10V DALI ID
-EL70 ELDOLED TUNABLE WHITE 0-10V (QUARTERPAC
-EL170 ELDOLED TUNABLE WHITE 0-10V DALI-2
-LEDZ LUTRON HI-LUME 0-10V ECOSYSTEM
-XA3ZTC LOW OUTPUT DRIVER

Round flangeless (E3RLF) and round wood ceiling (E3RWC) housings will be available March 2024 with the addition of smaller ELO5, ELO6A, and ELO5 drivers

TRIM

PRODUCT	CEILING APPEARANCE	STYLE	APERTURE	FINISH
E3R ELEMENT ROUND	FL FLANGELESS	B BEVEL	2 2" APERTURE	F ANTIQUE BRONZE
E3S ELEMENT SQUARE	FLW FLANGELESS WOOD CEILING FL FLANGELESS WOOD CEILING F20 FLANGED 1.6"-2.0" CEILING THICKNESS F35 FLANGED 2.1"-3.5" CEILING THICKNESS	F FLAT L LENSED	4 4" APERTURE	B BLACK N SATIN NICKEL W WHITE

Wood ceiling option accommodates flangeless trims only.
‡N - Sauna/steam-room use available only with combination of H shower trim, LO output housing, and I/C housing rating. Shower lens includes a gasket.
‡‡L - Lensed products come with Solite Soft Focus lens.

WALL WASH TRIM

PRODUCT	CEILING APPEARANCE	STYLE	FINISH	LED
E3R ELEMENT ROUND	F FLANGED	W WALL WASH	-Z ANTIQUE BRONZE	-LED
E3S ELEMENT SQUARE			-B BLACK	
			-N SATIN NICKEL	
			-W WHITE	

W - -LED

‡Wall wash trims may be used to convert the ELEMENT Adjustable housing to a wall wash. For dedicated wall wash housings, refer to the ELEMENT 3" Wall Wash specification sheet.

REPLACEMENT OPTICS

PRODUCT	BEAM SPREAD
S10E4LEDCOPT	10 10° 18 18° 40 40° 60 60°

REPLACEMENT REFLECTORS

PRODUCT	BEAM SPREAD
352LEDXREF	21 21° 43 43° 60 60°

‡For use with Xicato modules only.

LENSES/LOUVERS

PRODUCT‡
140MRSSF SOLITE SOFT FOCUS LENS
140MRCLR CLEAR ACRYLIC LENS
140MRSPREAD LINEAR SPREAD LENS
140MRDIFF DIFFUSER SPREAD LENS
140MRLOUVER ANODIZED LOUVER

‡For additional lenses, louvers, optical controls and accessories, reference visualcomfort.com. Lens/louvers mounted to lamp assembly only (max 2).

FROSTED BOROSILICATE LENS KIT

PRODUCT
240E3SBL3-F-E BOROSILICATE LENS KIT | ELEMENT 3" SQUARE BEVEL TRIM
240E3SSQ-SP-B BOROSILICATE LENS KIT | ELEMENT 3" SQUARE FLAT TRIM
240E3RBL3-F-E BOROSILICATE LENS KIT | ELEMENT 3" ROUND BEVEL TRIM
240E3RSL3-SP-E BOROSILICATE LENS KIT | ELEMENT 3" ROUND FLAT TRIM

Includes frosted borosilicate lens, lens spring, and screws to mount to ELEMENT 3" trim.

PREMIUM LENS HOLDER

PRODUCT	LENSES
240E3LENSHLDR	1 ONE LENS 2 TWO LENSES

Provides more secure mounting of additional lenses than the lens holder that ships with each fixture.
Not compatible with the 0° beam spread.

PLASTER PLATES

PRODUCT
150E3SRPL7-A 3" PLASTER PLATE | ROUND DIE-CAST METAL*
150E3SRPL7-S 3" PLASTER PLATE | ROUND SHEET METAL*
150E3SSTPL7-M 3" PLASTER PLATE | SQUARE SHEET METAL*
150E3STPPL7-W 3" PLASTER PLATE | SQUARE SHEET METAL*

*Used to connect flanged housings into flangeless housings.
‡Ships standard with flangeless housings. Required not compatible with Lutron Hi-lume or eldoLED drivers.
‡‡Optional thinner, matched sheet metal trim plates available for minimized plaster feathering to meet installer preference. Round not compatible with Lutron Hi-lume or eldoLED drivers. Square not compatible with eldoLED drivers.

240E3LENSHLDR

Used to convert flanged housings into flangeless housings.

240E3LENSADPT

Provides more secure mounting of additional lenses than the lens holder that ships with each fixture.
Not compatible with the 0° beam spread.

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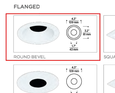
TYPE AX

VISUAL COMFORT & CO. | ARCHITECTURAL COLLECTION
FORMERLY KNOWN AS TECH LIGHTING

ELEMENT™ 3" LED
ADJUSTABLE DOWNLIGHT

TRIMS

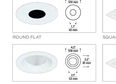
FLANGED



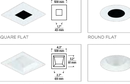
ROUND BEVEL



SQUARE BEVEL



ROUND FLAT



SQUARE FLAT



ROUND WALL WASH



SQUARE WALL WASH

FLANGELESS



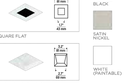
ROUND BEVEL



SQUARE BEVEL



ROUND FLAT



SQUARE FLAT



ROUND WALL WASH



SQUARE WALL WASH

FINISH

FLANGELESS IN WOOD CEILING



ROUND BEVEL (ANTIQUE BRONZE)



SQUARE BEVEL (SATIN NICKEL)



ROUND FLAT (ANTIQUE BRONZE)



SQUARE FLAT (SATIN NICKEL)

ROUND WALL WASH (ANTIQUE BRONZE)

SQUARE WALL WASH (

LIGHTING PLAN SYMBOL LEGEND

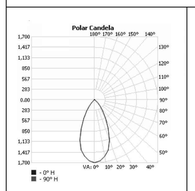
- SINGLE POLE SWITCH
- 3-WAY SWITCH/SMART SWITCH
- 4-WAY SWITCH
- SINGLE POLE JAMB SWITCH
- SINGLE POLE MOTION SWITCH
- SINGLE POLE SWITCH WITH WATERPROOF COVER
- SINGLE POLE FAN SWITCH
- SINGLE POLE TIMER SWITCH
- SINGLE POLE DIMMER
- 3-WAY DIMMER
- KEYNOTE BUBBLE
- CEILING MOUNTED JUNCTION BOX
- WALL MOUNTED JUNCTION BOX
- REMOTE LOW VOLTAGE TRANSFORMER - SEE FIXTURE SCHEDULE
- CEILING MOUNTED EXHAUST FAN
- WALL MOUNTED EXHAUST FAN
- ELECTRIC FIREPLACE IGNITER
- REMOTE LED DRIVER - SEE FIXTURE SCHEDULE
- SHADE AND DRAPE MOTOR (BY SHADE CONTRACTOR)
- LIGHTING CONTROL SYSTEM CONTROL STATION
- LIGHTING CONTROL SYSTEM WIRELESS RF STATION
- LIGHTING CONTROL SYSTEM STATION WITH WATERPROOF COVER BY OTHERS
- LIGHTING CONTROL SYSTEM SWITCH LEG NUMBER
- DUPLEX RECEPTACLE
- 1/2 HOT DUPLEX RECEPTACLE
- WEATHER PROOF GFCI DUPLEX RECEPTACLE
- SWITCHED WEATHER PROOF GFCI DUPLEX RECEPTACLE
- 1/2 HOT FLOOR PLUG RECEPTACLE
- MOTION DETECTOR
- CEILING MOUNTED DECORATIVE LUMINAIRE
- WALL MOUNTED DECORATIVE LUMINAIRE

NOTE: SOME SYMBOLS ON THIS LEGEND MAY NOT BE USED ON THIS PROJECT.

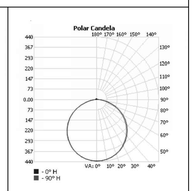
GENERAL NOTES

1. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO PROVIDE A LIGHTING SYSTEM WHICH IS COMPLETE AND OPERATIONAL. ALL MATERIALS AND EQUIPMENT NECESSARY TO ACCOMPLISH THIS INTENT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SUBSTITUTIONS TO SPECIFIED LIGHTING AND CONTROL EQUIPMENT SHALL NOT BE PERMITTED WITHOUT PRIOR REVIEW AND WRITTEN APPROVAL OF CREATIVE DESIGNS IN LIGHTING.
2. **THE GENERAL CONTRACTOR AND THE ELECTRICAL CONTRACTOR ARE RESPONSIBLE FOR REVIEWING THE INFORMATION ON ALL OF THESE PLANS. IF THERE ARE ERRORS OR OMISSIONS OR QUESTIONS CONCERNING THESE PLANS PLEASE CALL CREATIVE DESIGNS IN LIGHTING FOR CLARIFICATION.**
3. APPLICABLE REQUIREMENTS OF THE CURRENT NATIONAL ELECTRICAL CODE (NEC) AND STATE AND LOCAL CODES SHALL GOVERN AND DETERMINE THE MINIMUM STANDARD OF WORK. IN THE EVENT OF CONFLICT BETWEEN THIS DRAWING AND THE APPLICABLE CODE, THE CODE SHALL PREVAIL AND THE INSTALLATION SHALL BE MADE IN CONFORMANCE WITH THE CODE.
4. EXCEPT WHERE SPECIFICALLY NOTED, CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
5. ALL ELECTRICAL INSTALLATION TO MEET OR EXCEED THE REQUIREMENTS OF THE ELECTRICAL SPECIFICATIONS PREPARED BY THE PROJECT ELECTRICAL ENGINEER.
6. ELECTRICAL CONTRACTOR SHALL PROVIDE PRIMARY AND SECONDARY OVERCURRENT PROTECTION FOR ALL 12 VOLT AND 24 VOLT REMOTE TRANSFORMERS AND LED DRIVERS. ELECTRICAL CONTRACTOR TO SIZE ALL SECONDARY WIRING FOR REMOTE TRANSFORMERS / DRIVERS TO PREVENT A VOLTAGE DROP OF MORE THAN 1 VOLT. FINAL LOCATION OF ALL REMOTE TRANSFORMERS / DRIVERS TO BE VERIFIED IN THE FIELD BY GENERAL CONTRACTOR AND OWNER'S REPRESENTATIVE.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL LIGHTING EQUIPMENT WITH THE GENERAL CONTRACTOR AND ANY APPLICABLE SUB-CONTRACTOR (I.E. FRAMING, MECHANICAL, CABINETRY, ETC.) PRIOR TO ROUGH-IN.
8. **COORDINATE WITH OWNER/INTERIORS FOR THE SPECIFICATION AND PROCUREMENT OF ALL DECORATIVE FIXTURES. DECORATIVE FIXTURES TO BE ASSEMBLED AND INSTALLED BY ELECTRICAL CONTRACTOR. VERIFY FINAL LOCATIONS AND MOUNTING HEIGHTS WITH OWNER AND/OR INTERIOR DESIGNER. CONTRACTOR TO COORDINATE DIMMING REQUIREMENTS FOR ALL DECORATIVE FIXTURES WITH DIMMING SYSTEM SPECIFICATIONS.**
9. **ALL RECESSED TRIMS AND/OR TRIM RINGS SHALL BE PAINTED TO MATCH COLOR OF CEILING (INTERIOR AND EXTERIOR).**
10. COORDINATE WITH ARCHITECT/OWNER FOR MOUNTING HEIGHT AND FINAL LOCATIONS OF ALL WALL-BOX SWITCHES AND DIMMER DEVICES.
11. ALL DEVICES (I.E. SWITCHES, RECEPTACLES, PHONE JACKS, TELEVISION JACKS, ETC.) TO BE DECORA STYLE AND ALL WALL-BOX DIMMERS SHALL BE **LUTRON - DIVA SERIES** OR APPROVED EQUAL. COORDINATE WITH ARCHITECT FOR FINISH COLOR IN EACH SPACE AND COORDINATE WITH FIXTURE SCHEDULE FOR DIMMING REQUIREMENTS. SIZE AND DERATE ALL DIMMERS ACCORDING TO MANUFACTURERS SPECIFICATIONS.
12. ELECTRICAL CONTRACTOR'S BID SHALL INCLUDE TWO ELECTRICIANS FOR TWO (2) EVENINGS (4 HOUR MINIMUM EACH) FOR FINAL AIM AND FOCUS OF ALL ADJUSTABLE LIGHTING FIXTURES AND SCENE SETTING. CONTRACTOR TO PROVIDE ALL NECESSARY LADDERS/LIFTS AS REQUIRED.
13. COORDINATE WITH ELECTRICAL SPECIFICATIONS FOR RECESSED FLOORBOX RECEPTACLES. RECEPTACLES TO BE **CARLON #976-RFB – DEEP RECTANGULAR FLOOR PLUGS WITH COVER PLATE COLOR TO BE DETERMINED BY OWNER & INTERIOR DESIGNER** OR APPROVED EQUAL AND EXTERIOR WALL MOUNTED WATERPROOF RECEPTACLES SHALL BE RECESSED WITH ARLINGTON #DBVR1W WATERPROOF IN-USE COVERS. VERIFY SWITCHING REQUIREMENTS AND LOCATIONS OF ALL FLOOR PLUGS WITH OWNER AND/OR INTERIOR DESIGNER.
14. FOR SPECIFIC WIRING INFORMATION AND CIRCUITING REFER TO THE ELECTRICAL PLANS.
15. COORDINATE WITH ARCHITECT FOR SPECIFICATION AND PROCUREMENT OF CEILING FANS. FANS TO BE ASSEMBLED AND INSTALLED BY ELECTRICAL CONTRACTOR.
16. NOT LESS THAN 75 PERCENT OF THE LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH-EFFICACY LAMPS OR NOT LESS THAN 75 PERCENT OF THE PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL CONTAIN ONLY HIGH-EFFICACY LAMPS.
17. ALL EXTERIOR LIGHTING SHALL COMPLY WITH SECTION 1023 OF THE TOWN ZONING ORDINANCE

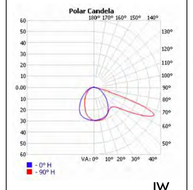
MANUFACTURER LIGHT DISTRIBUTION MAP FOR FIXTURE TYPES



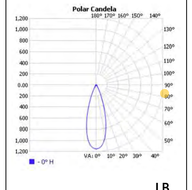
AX



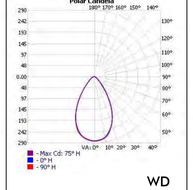
FX



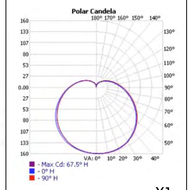
JW



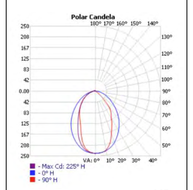
LB



WD



Y1



Y2

DECORATIVE 'ZG' GAS SCONCE:
NO PHOTOMETRIC WEB AVAILABLE

ZG

STOLESON P.V.
Fixture Schedule

CREATIVE DESIGNS IN LIGHTING

Note: Verify all components and quantities. Refer to product specifications for complete fixture data.

FixtureType	Fixture Specification	Lamp Specification	Fixture Wattage	Load Type	Fixture Voltage	Est Qty. or LF	Accessories	Mounting
AX	ELEMENT 3" ROUND - ELEMENT SQUARE E3RFF-LO930AI-750 (FLANGE) | E3RFB-OB / E3TREFS4B / LVR	LED: 3000K | 90+CRI (INTEGRAL TO FIXTURE)	12w	0-10vDC	120v		Glare Louver	Ceiling Recessed

adjustable recessed fixture with 4.3" flanged round beveled trim for wood ceilings -- damp location rated
Driver: Integral
Requires: Finish:Black [not approved as of 12.19.25]
1) 0-10vDC dimming requires BOTH (1) #12-2 high voltage and (1) #16-2 low voltage wires between dimmer and driver.
2) Electrical Contractor shall supply and install lenses and accessories during lamp installation per fixture specification.
3) Electrical Contractor to verify fixture housing will fit within structrual constraints prior to ordering.
4) Electrical Contractor to remove zip-ties from product housing prior to drywall. Manufacturer includes zip-ties for shipping purposes only.
5) Accomodates ceilings up to 1" thick. Change model number for 1.1"-2.5" thick ceilings. Electrical Contractor to confirm ceiling thickness prior to ordering.
6) Lumen Output = 750

FX-8'	ENVIRO LED LINEAR LED WATERPROOF LIGHTING WITH CHANNEL + DIFFUSE LENS	LED: 3000K | 95+CRI (INTEGRAL TO FIXTURE)	2w	ELV	24vDC			Surface Mount

CONTRACTOR TO DETERMINE BILL OF MATERIALS USING:
- wp-3000K-CLHE-8-CRI95-10m-ACCENT -- 16.4' waterproof led ribbon
- 8mm-no-hole-cap -- end cap with no holes (10 pack)
- 8mm-2hole-cap -- end cap with wire holes (10 pack)
- waterproof ribbon glue -- sealant for end caps
- CS106-2M -- 78.74" recessed channel + frosted lens
- EL-CAP-151-H -- channel end cap with hole
- EL-CAP-151 -- channel end cap without hole
- EL-CLIP-69 -- mounting bracket
- Loctite Power Grab -- mounting adhesive for led tape
- refer to "V#" driver schedule for driver specification
- wet location rated

Driver: Remote (see schedule)
Requires: * [# = Fixture Length]
1) Refer to fixture schedule for part numbers. Refer to plans for lengths.
2) Electrical Contractor to solder power wire leads onto led tape ribbon as necessary.
3) Electrical Contractor to cut and piece together waterproof sheath / caps with sealant.
4) Electrical Contractor to determine quantity + size of low voltage home-runs between fixtures and remote driver/s.
5) Electrical Contractor to size all secondary wiring for remote transformers / drivers to prevent a voltage drop of more than 1 volt.
6) Linear Wattage: 1.5 watts/foot

JW	WAC WL-LED100-C-BK	LED: 3000K | 90 CRI (INTEGRAL TO FIXTURE)	4w	ELV	120v			Wall Mount

fixed LED horizontal rectangular flanged steplight -- wet location rated
Driver: Integral
Requires: Finish: Black [not approved as of 12.19.25]
1) Mount +15" or +18" A.F.F. as shown on plan.
2) Fits into 2" x 4" j-box with minimum inside dimensions of 3"L x 2"W x 2"D.
3) Verify finish with Interiors prior to ordering.
4) Unit Wattage: 3.5 watts

LB	ACD210ABK-(NO WEEP HOLES) / AX1ABSE-BK / LVR	EA-MR16-7.0W-24D-3090-D	7w	MLV	12vAC		Glare Louver	Surface Mount

- adjustable surface mount fixture with led lamp
- refer to "T#" transformer schedule for transformer specification
- wet location rated

Transformer: Remote (see schedule)
Requires: Finish: Black [not approved as of 12.19.25]
1) Electrical Contractor shall supply and install lenses and accessories during lamp installation per fixture specification.
2) All LED MR16 lamps shall be Emery Allen 3000K 7W 90+CRI series.
3) Finish T.B.D. by interior designer+ approved by architect.
4) Lumen Output = 543

T#		- - -						

[T1] 100w/12vAC - Sesco #1022-12 - CASITA PATIO beam accents
1) Refer to fixture schedule for part numbers. Refer to plans for locations.
2) See fixture's cutsheet for driver spec information.

V#	REMOTE LED DRIVERS	- - -			120v			Surface Mount

[V1] 96w/24vDC - Enviro #DMU-24-96 - BBQ Patio hood accent
[V2] 96w/24vDC - Enviro #DMU-24-96 - YARD fire pit toe kick
1) Refer to fixture schedule for part numbers. Refer to plans for locations.
2) See fixture's cutsheet for driver spec information.

TYPE	SYMBOL	QTY	DESCRIPTION	MODEL NUMBER	LUMENS	COLOR TEMPERATURE
AX		44	RECESSED LED DEEP REGRESSED DOWNLIGHT	E3RFF-LO9306AI-MOD / E3RFB-OB / E3TREFS4B / LVR	750 LM	3000K
FX		2	RECESSED LINEAR LED TAPE LIGHT	WP-3000K-CLHE-8-CRI95-10m-ACCENT	135 LM/FT	3000K
JW		4	EXTERIOR STEP LIGHT	WL-LED100-C-BK	68 LM	3000K
LB		4	SURFACE MOUNT MONOPOINT	ACD210ABK-(NO WEEP HOLES) / AX1ABSE-BK / LVR	543 LM	3000K
WD		2	WALL MOUNTED FLOOD LIGHT	LF17X2-B-SMS	612 LM	3000K
Y1		2	DECORATIVE PENDANT	S-5125PW/BLK	480 LM	3000K
Y2		26	DECORATIVE WALL SCONCE	WS-W38608	391 LM	3000K
ZG		2	DECORATIVE GAS SCONCE	OWNER SUPPLIED / ELECTRICIAN INSTALL	N/A	N/A

STOLESON P.V.
Fixture Schedule

CREATIVE DESIGNS IN LIGHTING

Note: Verify all components and quantities. Refer to product specifications for complete fixture data.

FixtureType	Fixture Specification	Lamp Specification	Fixture Wattage	Load Type	Fixture Voltage	Est Qty. or LF	Accessories	Mounting
WD	RAB LF17X2-B-SMS	LED: 3000K | 80+CRI (INTEGRAL TO FIXTURE)	5w	NON-DIM	120v			Wall Mount

wall mounted LED floodlight with integral motion detector -- wet location rated
Driver: Integral
Requires: Finish: Black [not approved as of 12.19.25]
1) Electrical Contractor to wire constant hot and verify mounting height with Architect in field.
2) Fixture comes with field selectable color temperature and wattage. Electrical Contractor to select 5w and 3000K prior to installation.
3) Fixture to only work from dusk to dawn and be regulated with 10 minute timeout.
4) Lumen Output = 612

Y1	VISUAL COMFORT S-5125PW/BLK	6A19DIM/927 [#365552]	6w	ELV	120v			Surface Mount (Wall)

low output LED pendant with solid top and sides. damp location rated.
Requires: Finish: Soft Black [not approved as of 12.19.25]
1) Lumen Output = 480
2) Verify final locations and mounting heights with Owner and/or Interior Designer.
3) Fixtures to be assembled and installed by electrical contractor.

Y2	MODERN FORMS WS-W38608	LED: 3000K | 90+CRI (INTEGRAL TO FIXTURE)	11w	ELV	120v			Surface Mount (Wall)

low output LED wall sconce with solid top and sides. wet location rated.
Driver: Integral
Requires: Finish: Black [not approved as of 12.19.25]
1) Lumen Output = 391
2) Verify final locations and mounting heights with Owner and/or Interior Designer.
3) Fixtures to be assembled and installed by electrical contractor.
4) Unit Wattage: 10.7 watts

ZG	DECORATIVE WALL GAS LIGHT FIXTURES TO BE FURNISHED BY OWNER	- - -			120v			Surface Mount (Wall)

1) Refer to plans for locations.
2) Fixtures to be live. Assembled and installed by Plummer and Manufacturer.

General Specification Notes

1) Electrical Contractor to determine fixture housing rating (IC, Non-IC or Remodel) unless otherwise noted.
2) No substitutions permitted without prior approval from Creative Designs in Lighting.
3) All recessed trims and/or trim rings shall be painted to match color of ceiling.
4) Electrical Contractor to field measure all linear lighting prior to order.
5) All fixture finish colors to be verified with Architect / Interior Designer prior to order.
6) All Kelvin (color) temperatures to be verified with Architect / Interior Designer prior to order.

CREATIVE DESIGNS IN LIGHTING
15982 N. 78th St. Suite A
Scottsdale, Arizona 85260
602.248.7822
design@cdltg.com
www.cdltg.com

1978 **47** 2025
years of architectural lighting design

STOLESON RESIDENCE
6519 E. HUMMINGBIRD LANE

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REVISIONS		

DATE
2025.12.18

SCALE
N.T.S.

PROJECT NUMBER
124674-25

DRAWN BY
PD

CHECKED BY
BS

SHEET NAME
LIGHTING NOTES AND SCHEDULES

SHEET NUMBER
AL0

TYPE AX

VISUAL COMFORT & CO. | ARCHITECTURAL COLLECTION
FORMERLY KNOWN AS TECH LIGHTING

ELEMENT™ 3" LED
ADJUSTABLE DOWNLIGHT



SHOWN IN FLANGELESS BEVEL SQUARE

The ELEMENT 3" Next Generation Adjustable recessed downlight features full adjustability with lockable, tool-free, hot aiming. ELEMENT's patented high/low lamp positioning allows the LED to be positioned closer to the aperture for maximum light output and efficiency or higher in the ceiling to minimize glare and flash on the trim. Options include premium warm dimming, tunable white, Xicato and Xicato Artist Series LED modules. Trim options include flanged or flangeless and flangeless in wood ceiling.

- Housing reduced by 60%
- Tool-free aiming/locking: 0-40° tilt, 361° rotation
- Patented high/low lamp positioning
- 1-step static white, 2-step warm dim and tunable white
- Standard dimming down to 1%
- Trims reflector options
- Solite Soft Focus lens option

LUMEN/CBCP MULTIPLIERS

	80 CRI	90 CRI
CCT	MULTIPLIER	MULTIPLIER
2700K	1.12	0.98
3000K	1.18	1.00
3500K	1.22	1.03

Lumen output will vary by CCT and CRI.
See photometric charts for output information.

SPECIFICATIONS

	STATIC WHITE		XICATO		WARM DIM		TUNABLE WHITE
	HIGH OUTPUT	LOW OUTPUT	STANDARD SERIES	ARTIST SERIES	HIGH OUTPUT	LOW OUTPUT	5000K-2700K (3000K)	4000K-1800K (3000K)
DELIVERED LUMENS	1693/1440	860/731	1129	945	1225	940	1174	1209
WATTS	16	8.8	15	15	16	12	15	15
EFFICACY	106/90	109/92	75	63	77	78	78	80
CRI	80+/90+		90+	95+	90+		90+	
CBCP	10° - 2,437L | 18° - 5,633 25° - 5,053 | 40° - 2,739 60° - 1,699		25° - 3,841 | 45° - 2,733 60° - 1,094 (Values at 80 CRI)		18° - 4,793 | 25° - 4,221 40° - 2,328 | 60° - 1,444		18° - 5,019 | 25° - 4,220 40° - 2,438 | 60° - 1,552	
CCT	2700K, 3000K or 3500K		2700K, 3000K, or 3500K*		3000K - 1800K		5000K - 2700K	4000K - 1800K
COLOR CONSISTENCY	3-Step		1 X 2-step		2-step		2-step	
VOLTAGE	120V or 277V							
DIMMING*	Standard reverse-phase forward-phase, TRIAC, and 0-10V dimming down to 1% eldoLED 0-10V or DALI-2 down to 0.1% Lutron Hi-lume EcoSystem down to 0.1%				eldoLED 0-10V or DALI-2 down to 0.1%			
POWER SUPPLY	Constant current driver with ~3 power factor and >80% efficiency							
OPTICS	Field changeable: 10°, 18°, 25°, 40°, or 60° TIR		Field changeable: 23°, 43°, or 60° reflector		Field changeable: 18°, 25°, 40°, or 60° TIR			
ADJUSTABILITY	Lockable, hot-aiming 0-40° tilt, 360° rotation, high/low lamp positioning, 40° collar rotation							
CEILING APPEARANCE	Flangeless / Flangeless in Wood Ceiling / Flanged							
CEILING THICKNESS	Flangeless: No ceiling thickness limitations / Flangeless in Wood Ceiling: 1/2" to 1-1/2" Flanged: up to 2-1/2" Note: Thicker ceilings impact light cutoff							
CEILING APERTURE	3-3/8" ceiling cutout							
HOUSING	IC-Airtight, Non-IC Airtight, Chicago Plenum, IC suitable up to 850 spray foam insulation; Sauna/steam-room use available only with combination of H shower trim, LO low output housing, and I/C housing rating.							
CONSTRUCTION	Housing: Heavy-gauge, cold-rolled steel | Trim: Die-cast aluminum							
FINISH	Housing: Black Powder Coat | Trim: Antique Bronze, Black, Satin Nickel, or White (paintable)							
GENERAL LISTINGS	ETL Listed, Damp Location, Shower use with Trim Only							
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2019 TRL 24 Part 6 JA8-2016, JA8-2019 (for 90 CRI versions).							
L70	50,000 hours min.							
WARRANTY*	5 years							

Data in chart w/out 3500K/90 CRI values unless noted.
*Additional options/CCT/CRI available, contact Quotes Department
Ordering aids available on page 3.
Take visualcomfort.com for dimmer compatibility.
Read visualcomfort.com for specific warranty limitations and details.
†3500K Xicato module not available for Artist series.

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Visual Comfort & Co. reserves the right to change specifications for product improvements without notification.

UPDATED 1/11/24

TYPE AX

VISUAL COMFORT & CO. | ARCHITECTURAL COLLECTION
FORMERLY KNOWN AS TECH LIGHTING

ELEMENT™ 3" LED
ADJUSTABLE DOWNLIGHT

ORDERING GRIDS

HOUSING

PRODUCT	CEILING APPEARANCE	OUTPUT	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER
E3R ELEMENT 3" ROUND E3S ELEMENT SQUARE	LF FLANGELESS FF FLANGED WC WOOD CEILING	4,M HIGH OUTPUT 2,L LOW OUTPUT 4XT CCT/CRI TUNABLE WHITE	927 90 CRI, 2700K, 5-STEP 930 90 CRI, 3000K, 5-STEP 935 90 CRI, 3500K, 5-STEP TW27 90 CRI, 2700K-4000K, TUNABLE WHITE TW30 90 CRI, 3000K-4000K, TUNABLE WHITE 935 90 CRI, 3500K* WG 90 CRI, 3000-3500K, WARM DIM, 2-STEP TW32 90 CRI, 3200K-2700K, TUNABLE WHITE, 2-STEP† TW40 90 CRI, 4000K-3000K, TUNABLE WHITE, 2-STEP†	0 0°* 1 5° 2 20° 3 40° 4 60°	A NON-FUNCTIONAL	7 CRMJ7 DRIVER C CHICAGO PLENUM D DALI-2 BATTERY BACK-UP CHICAGO PLENUM E INTEGRATED DRIVERS 120V/277V UNIVERSAL PHASE-CUT DIM 0 LEAVE BLANK# -EL120 ELDOLED 0-10V LINEAR -EL120-E ELDOLED 0-10V EXTENDED -EL120-D ELDOLED DALI-2 -EL12 ELDOLED TUNABLE WHITE DALI-2 -EL120-T ELDOLED TUNABLE WHITE 0-10V DALI-2# -EL120-TE ELDOLED TUNABLE WHITE EXTENDED# -XA3270 LOW OUTPUT DRIVER

- -

A

Round flangeless (E3RLF) and round wood ceiling (E3RWC) housings will be available March 2024 with the addition of smaller ELEOL ELDOA, and ELLDO drivers

Trims are required and must be ordered separately.
For dimming details, refer to dimmer compatibility chart.
*WC - Wood ceiling option accommodates flangeless trims only.
†LH - High output available for wet applications. Not rated for Sauna/Steam-room.
‡Tunable white only available in high output housings. Not available with 0.75 (0.5% linear), or 0.75 (3%) LO, for 0-10V logarithmic dimming consult Quotes Department.
#LI - 10° optic has a unique LED module not available with warm dim or tunable white. Changing optics to 18°, 25°, 40° or 60° will require a new LED module.
^Universal dimming is reverse phase, forward phase, TRIAC and 0-10V or 277V is only compatible with 0-10V dimming.
†EL/TLO/ELTO - eldoLED tunable white drivers are not compatible with round flangeless (E3RLF) or round wood ceiling (E3RWC) housings.
‡N - Xicato housings utilize dedicated standard phase, 0-10V, 120V and 277V drivers. If ordering Xicato with standard drivers (non Lutron or eldoLED), at the end of the item number please specify:
-120 for 0-10V 120V, -277 for Phase 277V or -DIM-277 for 0-10V 277. For example: E3RLF-X42742D-**-120** or E3RLF-X42742D-**-277** or E3RLF-X42742D-**-DIM-277**. Due to the size of some of the Xicato Reflectors, it may not be feasible to tilt the fixture in the two position. It is not tiltable in the high position.

TRIM

PRODUCT	CEILING APPEARANCE	STYLE	APERTURE	FINISH
E3R ELEMENT 3" ROUND E3S ELEMENT 3" SQUARE	FL FLANGELESS FLW FLANGELESS FOR WOOD CEILING FLWOD FLANGELESS FOR WOOD CEILING W/ OVERSIZED HOLE FF FLANGED F20 FLANGED 1-8"-2.0" CEILING THICKNESS F35 FLANGED 2"-3.5" CEILING THICKNESS	B BAFFLE R REFLECTOR	1 1" 2 2" 3 3" 4 4" 5 5" 6 6"	F SATIN BRONZE K BLACK N SATIN NICKEL W WHITE

- - -

Wood ceiling option accommodates flangeless trims only.
‡N - Sauna/steam-room use available only with combination of H shower trim, LO output housing, and I/C housing rating. Shower lens includes a gasket.
‡WLL - Lensed products come with Solite Soft Focus lens.

WALL WASH TRIM

PRODUCT	CEILING APPEARANCE	STYLE	FINISH	LED
E3R ELEMENT 3" ROUND E3S ELEMENT 3" SQUARE	FL FLANGELESS F FLANGED	W WALL WASH	-F ANTIQUE BRONZE -K BLACK -N SATIN NICKEL -W WHITE	-LED

W - -

-LED

‡Wall wash trims may be used to convert the ELEMENT Adjustable housing to a wall wash. For dedicated wall wash housings, refer to the ELEMENT 3" Wall Wash specification sheet.

LENSES/LOUVERS

PRODUCT:
- **SOLITE SOFT FOCUS LENS**
- **SPECULAR REFLECTOR LOUVER**
- **LINEAR SPREAD LENS**
- **DIFFUSER SPREAD LENS**
- **SPECULAR ANODIZED REFLECTOR**

‡For additional lenses, louvers, optical controls and accessories, reference visualcomfort.com. Lens/louvers mounted to lamp assembly only (max 2).

FROSTED BOROSILICATE LENS KIT

PRODUCT:
- **240E3SBL10-E** BOROSILICATE LENS KIT | ELEMENT 3" SQUARE BEVEL TRIM
- **240E3SSL10-B** BOROSILICATE LENS KIT | ELEMENT 3" SQUARE FLAT TRIM
- **240E3RBL10-E** BOROSILICATE LENS KIT | ELEMENT 3" ROUND BEVEL TRIM
- **240E3RSL10-E** BOROSILICATE LENS KIT | ELEMENT 3" ROUND FLAT TRIM

Includes frosted borosilicate lens, lens spring, and screws to mount to ELEMENT 3" trim.

REPLACEMENT OPTICS

PRODUCT	BEAM SPREAD
3336-E3DOPT	18 18° 25 25° 40 40° 60 60°

353E4LEDCOPT

REPLACEMENT REFLECTORS

PRODUCT	BEAM SPREAD
353-2SDREF	21 21° 32 32° 46 46°

352LEDXREF

‡For use with Xicato modules only.

PREMIUM LENS HOLDER

PRODUCT	LENSES
240E3LENSHLDR	1 ONE LENS 2 TWO LENSES

240E3LENSHLDR

Provides more secure mounting of additional lenses than the lens holder that ships with each fixture.
Not compatible with the 0° beam spread.

PLASTER PLATES

PRODUCT:
- **TE063BPPLT-A** 3" PLASTER PLATE | ROUND DIE-CAST METAL*
- **TE063BPPLT-S** 3" PLASTER PLATE | SQUARE DIE-CAST METAL*
- **TE063BTPPLT-M** 3" PLASTER PLATE | ROUND SHEET METAL‡
- **TE063TPPPLT-M** 3" PLASTER PLATE | SQUARE SHEET METAL‡

Used to convert flanged housings into flangeless housings.
*Ships standard with flangeless housings. Not not compatible with Lutron Hi-lume or eldoLED drivers.
‡Optional thinner, matched sheet metal trim plates available for minimized plaster feathering to meet installer preference. Round not compatible with Lutron Hi-lume or eldoLED drivers. Square not compatible with eldoLED drivers.

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TYPE AX

VISUAL COMFORT & CO. | ARCHITECTURAL COLLECTION
FORMERLY KNOWN AS TECH LIGHTING

ELEMENT™ 3" LED
ADJUSTABLE DOWNLIGHT

TRIMS

FLANGED



ROUND BEVEL



SQUARE BEVEL



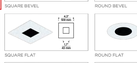
ROUND FLAT



SQUARE FLAT



ROUND WALL WASH



SQUARE WALL WASH

FLANGELESS

ROUND BEVEL

SQUARE BEVEL



ROUND FLAT

TYPE FX



Continuous Waterproof LED Strip Light - 3,000K - 10m Reel

Product Number wp-3000K-CLHE-8-CRI95-10m-ACCENT

Ambient Temperature	-20° to 40°
Brightness	135 lm/ft
Brightness 2	444 lm/m
CRI	95+
CCT	3000K
Efficacy	88.8 lm/W
Height (English)	0.17 in
Height (Metric)	4.4 mm
Input	208.3 mA/m
IP Rating	IP65
LED Density	COB
LED Nickle Size	COB
Length (English)	32.8 ft
Length (Metric)	10m
Min. Cutting Increment (English)	2.18 in
Min. Cutting Increment (Metric)	55.55mm
Rating	UL Listed, RoHS
Beam Angle	120
Input Voltage	24vDC
Warranty	5 years limited
Power (Watts)	50
Power (Watts/ft)	1.5
Power (Watts/m)	5
Width (English)	0.33 in
Width (Metric)	8mm

Continuous LED Strip Light is a new style of strip light that utilizes chip on board LEDs to create on diffused line of light. It is ideal for use around reflective surfaces, such as marble floors and countertops, because it eliminates the dots seen with standard SMD LED strip light. With the LEDs integrated into the circuit board, Continuous LED Strip Light creates the appearance of an uninterrupted line of hotspot-free LEDs. It also enables designers to use diffused light in tight spaces where standard channel systems wouldn't be ideal.

Continuous LED Strip Light has been engineered to be UL listed and can be used in run lengths up to 10 meters when powered from one end. It features a CCT of 3,000K and is easy to control utilizing any of our compatible controllers and dimmers. Continuous LED Strip Light is powered by 24 VDC.

Features List:

- Hotspot-free appearance
- Durable, flexible, and low profile
- 3,000K
- Fully dimmable
- UL Listed and RoHS

TYPE FX



CS106-2m LED Channel System Including Base and Top-2m

Product No.: CS106-2m

Product Features

The CS106-2m LED Channel System includes our high quality aluminum channel and compatible frosted diffuser. Suitable for custom high brightness fixtures. Creating a professional LED strip light installation has never been easier. Choose from a wide selection of complete systems!

- Diffuser, channel, and end caps are sold and can be cut to any length.
- 12.1 mm wide by 7.8 mm high.
- Includes aluminum channel and diffuser.
- Perfect for mounting LED Strip Light up to 12 mm in width.
- The frosted diffuser protects LED strip light from the elements and softens lighting effects.
- Compatible end caps are available (sold separately).
- Aluminum channel is not returnable because the packaging and freight costs are typically higher than the product cost.

Specifications

Diffuser (Finish)	Frosted
Height (English)	0.31 in
Height (Metric)	7.8 mm
Inside Width	12.3
Length (English)	78.74 in
Length (Metric)	2 m
Manufacturer	
Strip Width	12 mm
Width (English)	0.67 in
Width (Metric)	17.1 mm

TYPE FX



End Cap for Channel System CS106

Product No.: EL-CAP-151

Product Features

Snap end cap to the end of EL aluminum channel to seal and protect LED strip lighting. Compatible with CS106.

Specifications

Height (English)	0.3 in
Height (Metric)	7.5 mm
Length (English)	0.67 in
Length (Metric)	17.1 mm
Manufacturer	
Width (English)	0.31 in
Width (Metric)	7.8 mm

TYPE FX



End Cap with Hole for Channel System CS106

Product No.: EL-CAP-151-H

Product Features

Snap end cap to the end of EL aluminum channel to seal and protect LED strip lighting. Compatible with CS106.

Specifications

Height (English)	0.3 in
Height (Metric)	7.5 mm
Length (English)	0.67 in
Length (Metric)	17.1 mm
Manufacturer	
Width (English)	0.31 in
Width (Metric)	7.8 mm

CREATIVE DESIGNS IN LIGHTING



15982 N. 78th St. Suite A
Scottsdale, Arizona 85260

602.248.7822
design@cdltg.com
www.cdltg.com

1978 47 2025
years of architectural lighting design

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STOLESON RESIDENCE
6519 E. HUMMINGBIRD LANE

Model: WL-LED100
LEDme® Step Light

WAC LIGHTING
Responsibl

TYPE JW

Fixture Type:
Catalog Number:
Project:
Location:



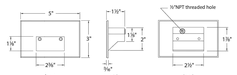
PRODUCT DESCRIPTION

Horizontal rectangle LEDme® Step Light. Designed for safety and style on stairways, patios, decks, balcony areas, walkways and building perimeters.

Features an architectural design, Energy efficient for long-lasting indoor and outdoor lighting solutions. Creates an attractive, romantic impression at night.

FEATURES

- Solid diecast brass, corrosion resistant aluminum alloy, or cast stainless steel construction
- Direct wiring, no driver needed
- Low profile, flush to wall aesthetics with no visible hardware
- 54,000 hour rated life
- Balanced lighting, free of shadows with minimum glare
- IP66 rated, Protected against high-pressure water jets
- Up to 200 fixtures can be connected in parallel
- 5 year WAC Lighting product warranty



SPECIFICATIONS

Construction: Die-cast aluminum or 316 marine grade cast stainless steel

Power: Direct wiring, no remote driver needed. Input voltage: 120V or 277VAC 50/60Hz

Light Source: 2700K or 3000K CCT Samsung HV-AC High Power LED, CRI: 90 Optional color selection, Total power consumption of 3.5W

Mounting: Fits into 2" x 4" J-Box with minimum inside dimensions of 3"L x 2"W x 2"H
Includes bracket for J-Box mount.

Dimming: Dim to 10% with electronic low voltage (ELV) dimmer
Approved dimmers: Lutron Nova T-NTELV-300 & NTELV-600, Lutron Vetri VTELV-600, Lutron Diva DVELV-300P, Lutron Skylark SELV-300P, Lutron Maestro MAELV-600

Standards: IP66, UL & cUL Listed for wet locations, Title 24 JA8-2016 Compliant.

ORDER NUMBER

120V Model #	Light Color		Finish	
WL-LED100 120V	27	Warm 2700K	BK	Black on Aluminum
	C	White 3000K	BN*	Brushed Nickel on Aluminum
	AM	Amber 610nm	BZ	Bronze on Aluminum
	RD	Red 640nm	GH	Graphite on Aluminum
	BL	Blue 450nm	SS	Stainless Steel
			WT	White on Aluminum
WL-LED100 120V	27	Warm 2700K		
	C	White 3000K	BBR	Bronze on brass
	AM	Amber 610nm		

*Brushed Nickel Finish is for interior use only

277V Model #	Light Color		Finish	
WL-LED100F 277V	C	White 3000K	BK	Black on Aluminum
	AM	Amber 610nm	BN*	Brushed Nickel on Aluminum
	RD	Red 640nm	BZ	Bronze on Aluminum
	BL	Blue 450nm	GH	Graphite on Aluminum
			SS	Stainless Steel
			WT	White on Aluminum

[ ] – [ ] – [ ]

Example: **WL-LED100F-BL-SS**

waclighting.com
Phone (800) 526.2588
Fax (800) 526.2585

Headquarters/Eastern Distribution Center
44 Harbor Park Drive
Port Washington, NY 11050

Central Distribution Center
1600 Distribution Ct
Lithia Springs, GA 30122

Western Distribution Center
1750 Archibald Avenue
Ontario, CA 91760

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program. DEC 2021

TYPE LB

Lite the Nite

AURA Collection

Low Voltage Architectural Contemporary Spotlight

Job Name:
Date:
Model:
Quantity:

Features

- Sleek contemporary design
- Solid polished aluminum construction
- Versatile design
- Threaded lens housing for secure fit
- UPLIGHT – convex lens with shield weep holes
- DOWNLIGHT – flat lens with solid shield
- Allen head screw for easy aiming adjustment
- Knuckle for multiple aiming angles



UPLIGHT
ACU SERIES



DOWNLIGHT
ACD SERIES

Specification

- Low Voltage 12V AC/DCDC
- 3' 18AWG copper lead wire
- Architectural bronze polished powder coat finish
- Mounting stake included for uplight version
- Available without LED, 5W and 7W versions
- Multiple color 5W MR16 options
  - 2700K
  - 3000K (Standard)
  - 4000K
  - 5000K
  - RGB
- 40°, 17° or 60° beam angle
- 5 year/30,000 hour warranty





DOWNLIGHT
NOW AVAILABLE IN WHITE and BLACK

PART NUMBER	TYPE	WATTS	COLOR
ACD210ABZ	No LED Downlight		Bronze
ACD215ABZ	MR16 Downlight	5W	Bronze
ACD217ABZ	MR16 Downlight	7W	Bronze
ACD210WH	No LED Downlight		White
ACD215WH	MR16 Downlight	5W	White
ACD217WH	MR16 Downlight	7W	White
ACU210ABZ	No LED Uplight		Bronze
ACU215ABZ	MR16 Uplight	5W	Bronze
ACU217ABZ	MR16 Uplight	7W	Bronze
AX1ABSE	ARCHITECTURAL BASE		Bronze
AX1ABSE-WH	ARCHITECTURAL BASE		White

Optional Bases
AX1ABSE – Bronze Finish
AX1ABSE-WH – White Finish
AX1ABSE-BK – Black Finish
2" x 4" x 1.5"

650 Algonquin Rd, Ste 206, Schaumburg, IL 60176
PH: 847.496.5276 FAX: 846.701.8342

V1

TYPE LB

EA EmeryAllen

MR16 / GU5.3
7.0W - 24°

SPECIFICATIONS & TECHNICAL DATA

The 12V EmeryAllen MR16 retrofit lamp is an energy efficient alternative to halogen MR16 lamps. It offers similar light output to a 12V, 50W incandescent (450-550lm) and is suitable for use in most 12V GU5.3 MR16 fixtures.

Base Type	GU5.3
Material	Ceramic + PC
Input Voltage	12V AC
Wattage	6.13
Volt-Amperes (VA)	6.64W
CRI	92
Brightness	543 lumens
Lumens/Watt	88
Life	36,000 hours
Color Temperature	2700K 3000K
R9	53
R13	95
Halogen Equivalent	50W
Beam Angle	24 degrees

Available Models:

- EA-MR16-7.0W-24D-2790-D (2700K)
- EA-MR16-7.0W-24D-3090-D (3000K)

Dimming:

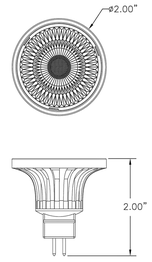
- Dimmable with most magnetic and electronic LED compatible transformers
- Dimmable with most MLV and ELV dimmers

12V SERIES

© 2020 EmeryAllen, LLC. All Rights Reserved. Patent Pending
Please review complete warranty information at www.EmeryAllen.com
*Images/Information subject to change. Images not to scale.

TYPE LB





TYPE WD

RAB

LF17X2 Field-Adjustable Landscape Light

LF17X2



LF17X2/SMS



Field-adjustable floodlight

0-10V | 50,000 HOURS | WET RATED | IP65 IP RATING | FIELD ADJUSTABLE

PROJECT:
DATE:
TYPE:
PREPARED BY:

5 | cULus LISTED

KEY FEATURES

- Adjustable wattages: **16/10/8/5/3W** (8W default)
- CCT: adjustable: **2700/3000/3500/4000/5000K** (4000K default)
- Adjustable **Knuckle** arm
- Available in **bronze, white** and **black** finish
- UL listed for **wet location**
- **IP65** rated
- 120V
- **0-10V** dimmable
- 5-Year limited warranty.

PERFORMANCE

LF17X2 16W	2700K	3000K	3500K	4000K	5000K
Wattage			16W		
Input Watts	16.0W	15.8W	15.6W	15.4W	15.8W
Lumens	1,992	2,046	2,152	2,230	2,210
Lm/W	124.5	129.5	137.9	144.8	139.9
CRI	84	84	85	85	83
Voltage Rating			120V		

LF17X2 12W	2700K	3000K	3500K	4000K	5000K
Wattage			10W		
Input Watts	10.8W	10.8W	10.6W	10.6W	10.8W
Lumens	1,414	1,462	1,522	1,576	1,574
Lm/W	130.9	135.4	143.6	148.7	145.7
CRI	84	85	85	85	83
Voltage Rating			120V		

LF17X2 8W	2700K	3000K	3500K	4000K	5000K
Wattage			8W		
Input Watts	7.9W	7.9W	7.9W	7.4W	7.9W
Lumens	1,012	1,044	1,094	1,106	1,130
Lm/W	133.2	137.4	143.9	146.5	148.7
CRI	84	85	85	85	83
Voltage Rating			120V		

LF17X2 5W	2700K	3000K	3500K	4000K	5000K
Wattage			5W		
Input Watts	4.6W	4.6W	4.6W	4.6W	4.6W
Lumens	594	612	638	658	666
Lm/W	129.1	133.0	138.7	143.0	144.8
CRI	85	85	85	85	84
Voltage Rating			120V		

LF17X2 3W	2700K	3000K	3500K	4000K	5000K
Wattage			3W		
Input Watts	3.0W	3.0W	3.0W	3.0W	3.0W
Lumens	358	366	380	390	400
Lm/W	119.3	122.0	126.7	130.0	133.3
CRI	85	85	85	85	84
Voltage Rating			120V		

TEAR SHEET

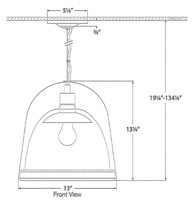
Murphy Small Pendant
Item # S 5125PW

TYPE Y1

Designer: Marie Flanigan

O/A Height: 19.25" - 134.25"
Fixture Height: 13.25"
Width: 13"
Canopy: 5.25" Round
Finishes: PW, PW/BLK
Socket: E26 Keyless
Wattage: 15 LED A19
Weight: 8 Pounds
Note: Height Not Adjustable After Installation





VISUAL COMFORT & CO.

TYPE Y1

GREENCREATIVE

Project Name:	Type:
Part Number:	Date:

HIGH CRI A LAMP Family

FEATURES

- Suitable to replace 40W, 60W, 75W, 100W incandescent
- High CRI and R values (R9 50, R13 95) deliver richer reds and natural skin tones
- Tight LED binning for consistent CCT across all lamps
- Comfortable diffused light
- Smooth dimming with most forward and reverse phase dimmers*
- Available in 2700K, 3000K, 3500K, 4000K and 5000K color temperatures
- Suitable for use in totally enclosed fixtures and damp locations**
- Fixture operating temperature: -4°F to 90°F (-20°C to 35°C)
- Lamp ambient temperature: -4°F to 113°F (-20°C to 45°C)
- Rated Lifetime (L70): 25,000hrs
- 5 year limited warranty for 60W 277V equivalents
- 3 year limited warranty for the other equivalents ***



SPECIFICATIONS

Product	Model	Equiv.	Wattage (W)	CCT	Lumens	Efficacy (LPW)	Input Voltage	Beam Angle	CRI	Dim.*	Power Factor	Base	Fixture Rating	ES / JA8 / T20
36552	6A19DIM/927	40W	6	2700K	480	90	120V	230°	92	Yes	0.7	E26	Enclosed	✓/ N.A. / ✓
36553	6A19DIM/930	40W	6	3000K	480	90	120V	230°	92	Yes	0.7	E26	Enclosed	✓/ N.A. / ✓
36554	9A19DIM/927/R	60W	9	2700K	800	89	120V	230°	92	Yes	0.7	E26	Enclosed	✓/ N.A. / ✓
36555	9A19DIM/930/R	60W	9	3000K	820	91	120V	230°	92	Yes	0.7	E26	Enclosed	✓/ N.A. / ✓
36560	9A19DIM/935/R	60W	9	3500K	840	93	120V	230°	92	Yes	0.7	E26	Enclosed	✓/ N.A. / ✓
36556	9A19DIM/940/R	60W	9	4000K	860	96	120V	230°	92	Yes	0.7	E26	Enclosed	✓/ N.A. / ✓
36557	9A19DIM/950/R	60W	9	5000K	860	96	120V	230°	92	Yes	0.7	E26	Enclosed	✓/ N.A. / ✓
36675	9A19DIM/927/GU24/RC	60W	9	2700K	800	89	120V	230°	92	Yes	0.7	GU24	Enclosed	✓/ N.A. / ✓
36676	9A19DIM/930/GU24/RC	60W	9	3000K	820	91	120V	230°	92	Yes	0.7	GU24	Enclosed	✓/ N.A. / ✓
36677	9A19DIM/940/GU24/RC	60W	9	4000K	860	96	120V	230°	92	Yes	0.7	GU24	Enclosed	✓/ N.A. / ✓
36678	9A19DIM/950/GU24/RC	60W	9	5000K	860	96	120V	230°	92	Yes	0.7	GU24	Enclosed	✓/ N.A. / ✓
98582	9A19/927/277V	60W	9	2700K	800	89	120-277V	240°	92	No	0.9	E26	Enclosed	✓/ N.A. / ✓
98583	9A19/930/277V	60W	9	3000K	820	91	120-277V	240°	92	No	0.9	E26	Enclosed	✓/ N.A. / ✓
98584	9A19/940/277V	60W	9	4000K	860	96	120-277V	240°	92	No	0.9	E26	Enclosed	✓/ N.A. / ✓
36679	11A19DIM/927/R	75W	11	2700K	1,100	100	120V	230°	92	Yes	0.7	E26	Enclosed	✓/ N.A. / ✓
36680	11A19DIM/930/R	75W	11	3000K	1,150	105	120V	230°	92	Yes	0.7	E26	Enclosed	✓/ N.A. / ✓
36681	11A19DIM/940/R	75W	11	4000K	1,200	109	120V	230°	92	Yes	0.7	E26	Enclosed	✓/ N.A. / ✓
36682	11A19DIM/950/R	75W	11	5000K	1,200	109	120V	230°	92	Yes	0.7	E26	Enclosed	✓/ N.A. / ✓
98147	15A21DIM/927/N	100W	15	2700K	1,600	107	120V	240°	92	Yes	0.9	E26	Enclosed	✓/ ✓/ ✓
98148	15A21DIM/930/N	100W	15	3000K	1,650	110	120V	240°	92	Yes	0.9	E26	Enclosed	✓/ ✓/ ✓
98149	15A21DIM/940/N	100W	15	4000K	1,700	113	120V	240°	92	Yes	0.9	E26	Enclosed	✓/ ✓/ ✓

* This lamp might not be compatible with all dimmers and low voltage transformers. Please visit www.greencreative.com for compatibility information.
** All High CRI A lamps are not suitable for use in IC enclosed fixtures.
*** Please visit www.greencreative.com for Limited Warranty terms.

An ILLUMUS Brand

TYPE Y2



Project:
Location:
Fixture Type:
Catalog Number:

AVAILABLE FINISHES:

Square

WS-W38608

PRODUCT DESCRIPTION

Four equal sides and a stream of light. Square artfully provides geometry to wall surfaces in the daytime when mounted in multiples while providing safe illumination of pathways andromantic visual intrigue in the evening. Perfect for wall grazing surfaces.

FEATURES

- 277V option available for special order.
- ACLED driverless technology
- State of the art LEDs in a geometric form
- IDA Dark Sky compliant when mounted in a downward orientation

SPECIFICATIONS

Rated Life	54000 Hours
Standards	ETL, cETL, Wet Location Listed,IP65,Title 24 JA8: 2019 Compliant,Dark Sky Friendly
Input	120 VAC,50/60Hz
Dimming	ELV
Color Temp	3000K
CRI	90
Construction	Aluminum hardware

REPLACEMENT PARTS

RPL-GLA-38608 - Glass





WS-W38608

Model & Size		Color Temp	Finish		LED Watts	LED Lumens	Delivered Lumens
WS-W38608	8"	3000K	BK	Black	10.7W	800	687
			BZ	Bronze	10.7W	800	687

Example: **WS-W38608-BZ**
-For 277V special order, add an "F" before the finish: WS-W38608F-BZ

For custom requests please contact customs@modernforms.com

ModernForms.com | Phone: (866) 810-6615 | Fax (800) 526-2585
Central Distribution Center: 1600 Distribution Ct, Lithia Springs, GA 30122
Western Distribution Center: 1750 Archibald Avenue, Ontario, CA 91760

MODERN FORMS

REVISIONS		

DATE
2025.12.18

SCALE
N.T.S.

PROJECT NUMBER
124674-25

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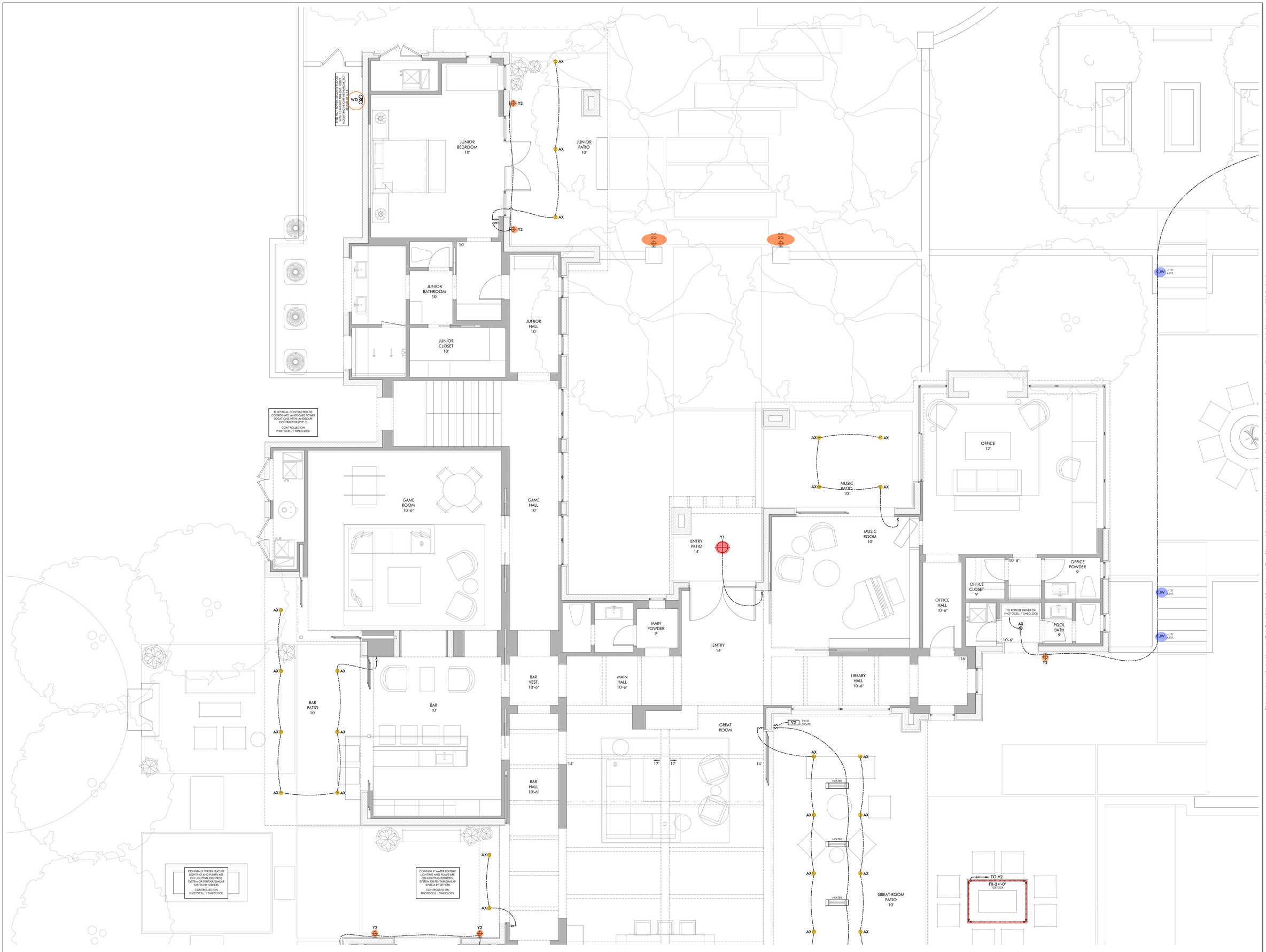
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BS

SHEET NAME

LIGHTING NOTES AND SCHEDULES

SHEET NUMBER

AL0.1



CREATIVE DESIGNS IN LIGHTING

15982 N. 78th St. Suite A
Scottsdale, Arizona 85260

602.248.7822
design@cdltg.com
www.cdltg.com

1978 47 2025
years of architectural lighting design

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REVISIONS

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DATE
2025.12.18

SCALE
1/4" = 1'-0"

PROJECT NUMBER
124674-25

DRAWN BY
PD

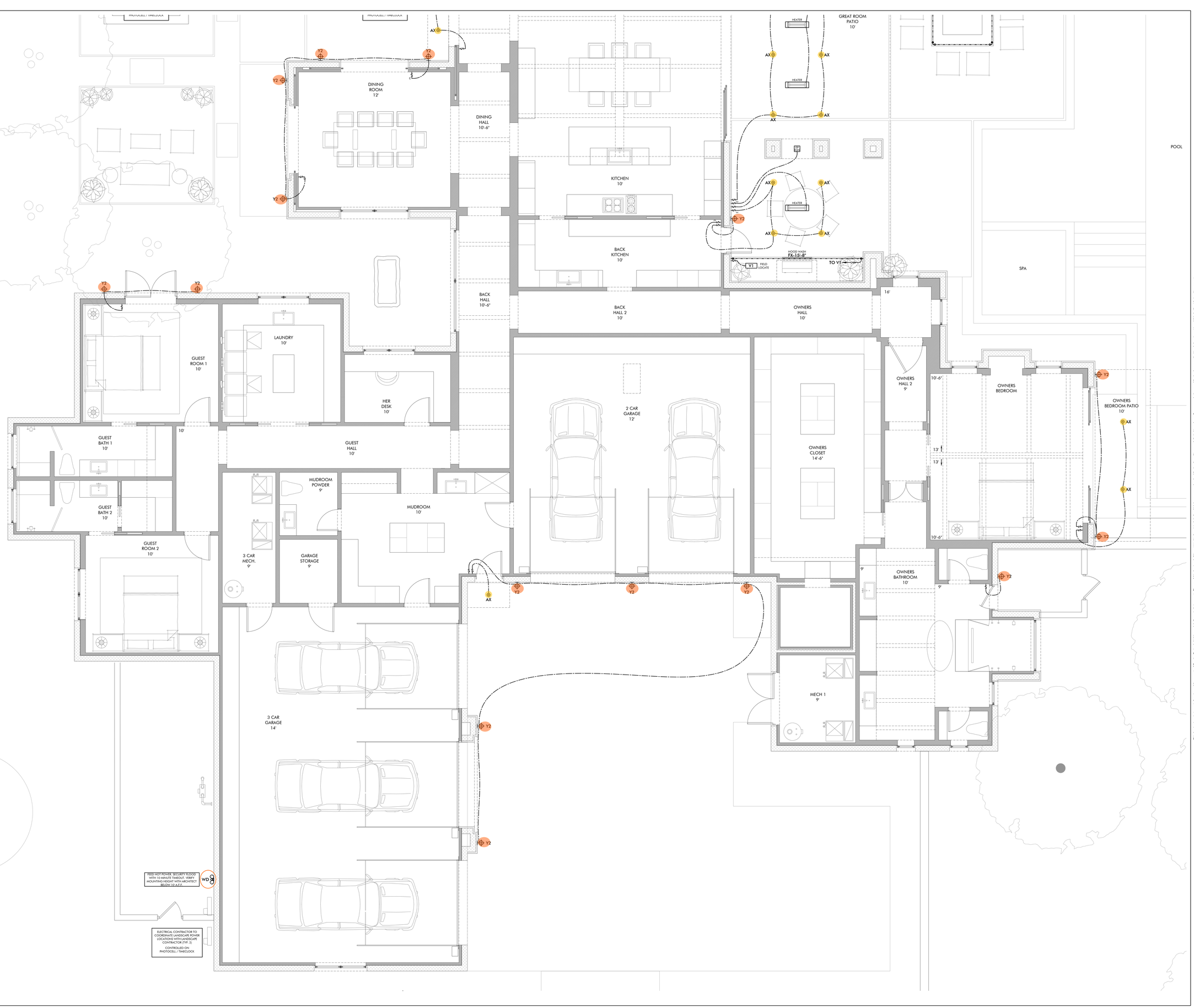
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LIGHTING PLAN AND SCHEDULES

SHEET NUMBER

AL1



CREATIVE DESIGNS IN LIGHTING

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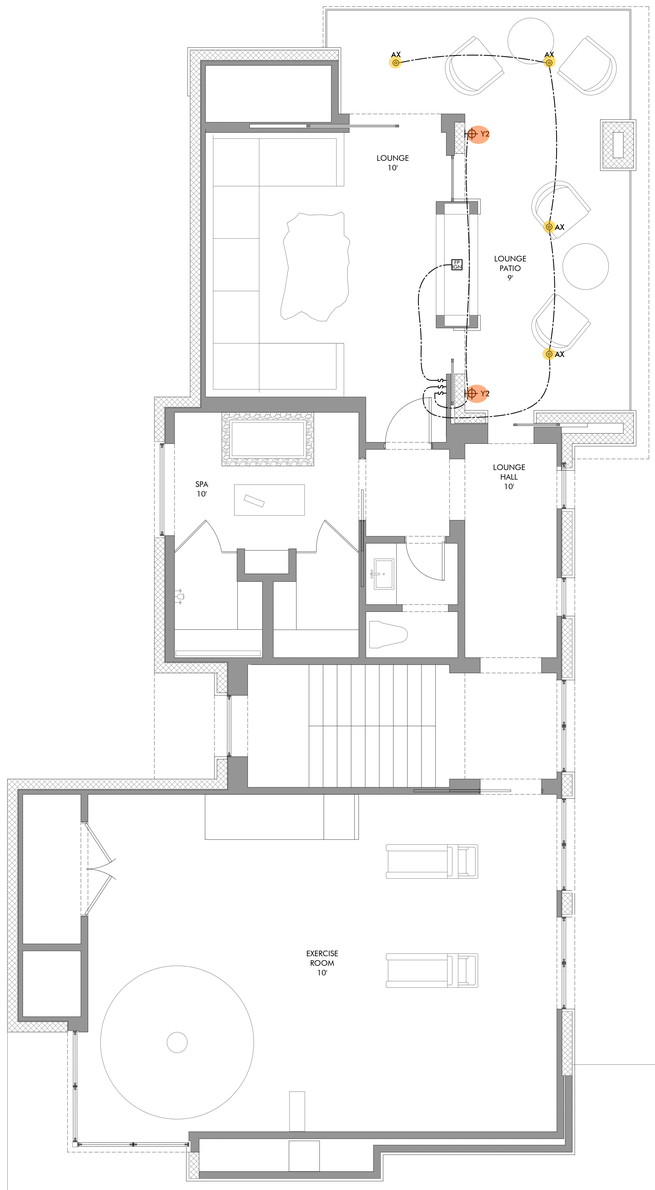
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DATE
2025.12.18

SCALE
1/4" = 1'-0"

PROJECT NUMBER
124674-25

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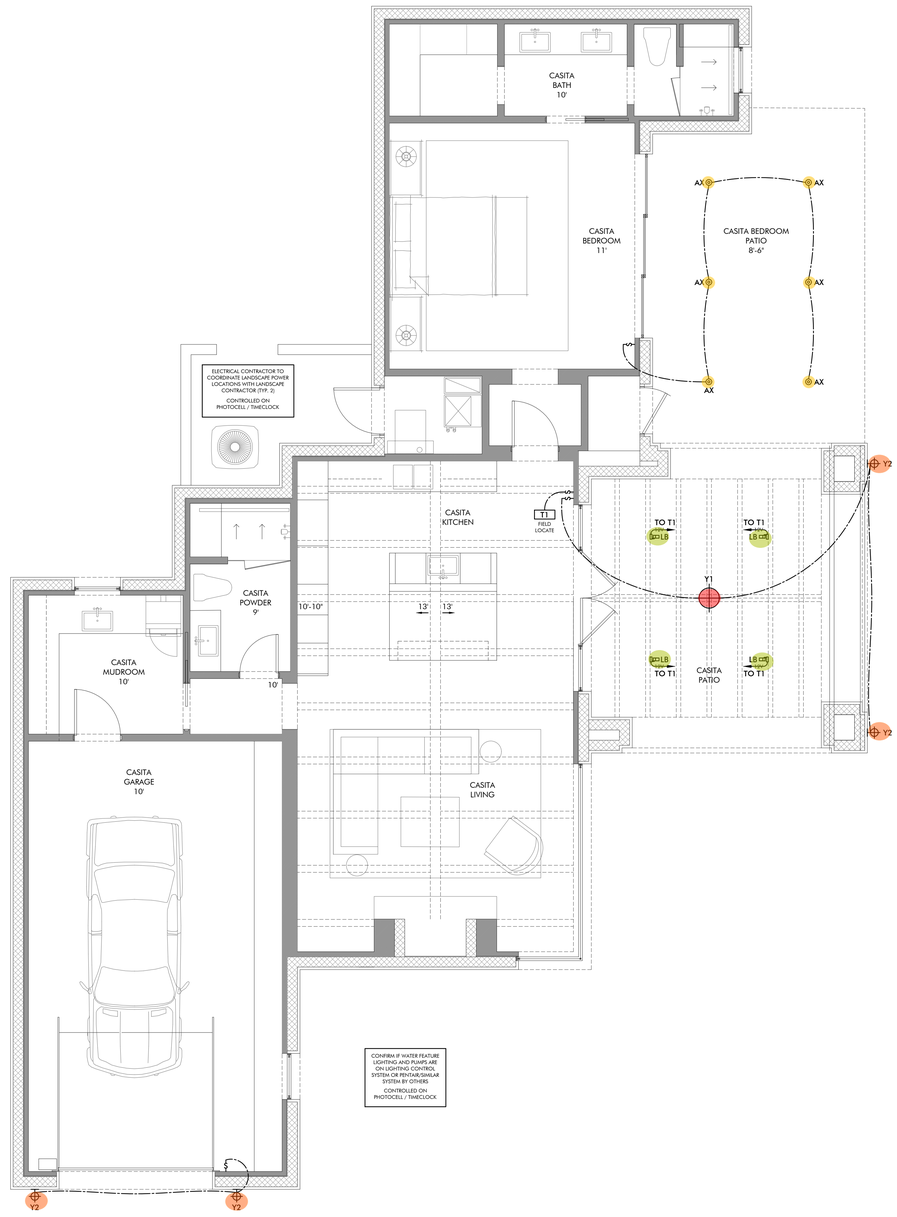
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SHEET NAME

UPPER LEVEL
LIGHTING PLAN

SHEET NUMBER

AL3



CREATIVE DESIGNS
IN LIGHTING



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REVISIONS

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DATE
2025.12.18

SCALE
1/4" = 1'-0"

PROJECT NUMBER
124674-25

DRAWN BY
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SHEET NAME

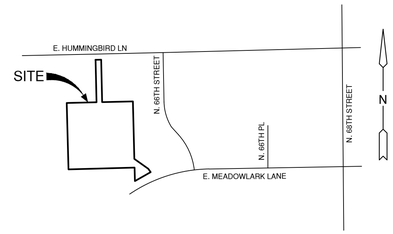
CASITA
LIGHTING PLAN

SHEET NUMBER

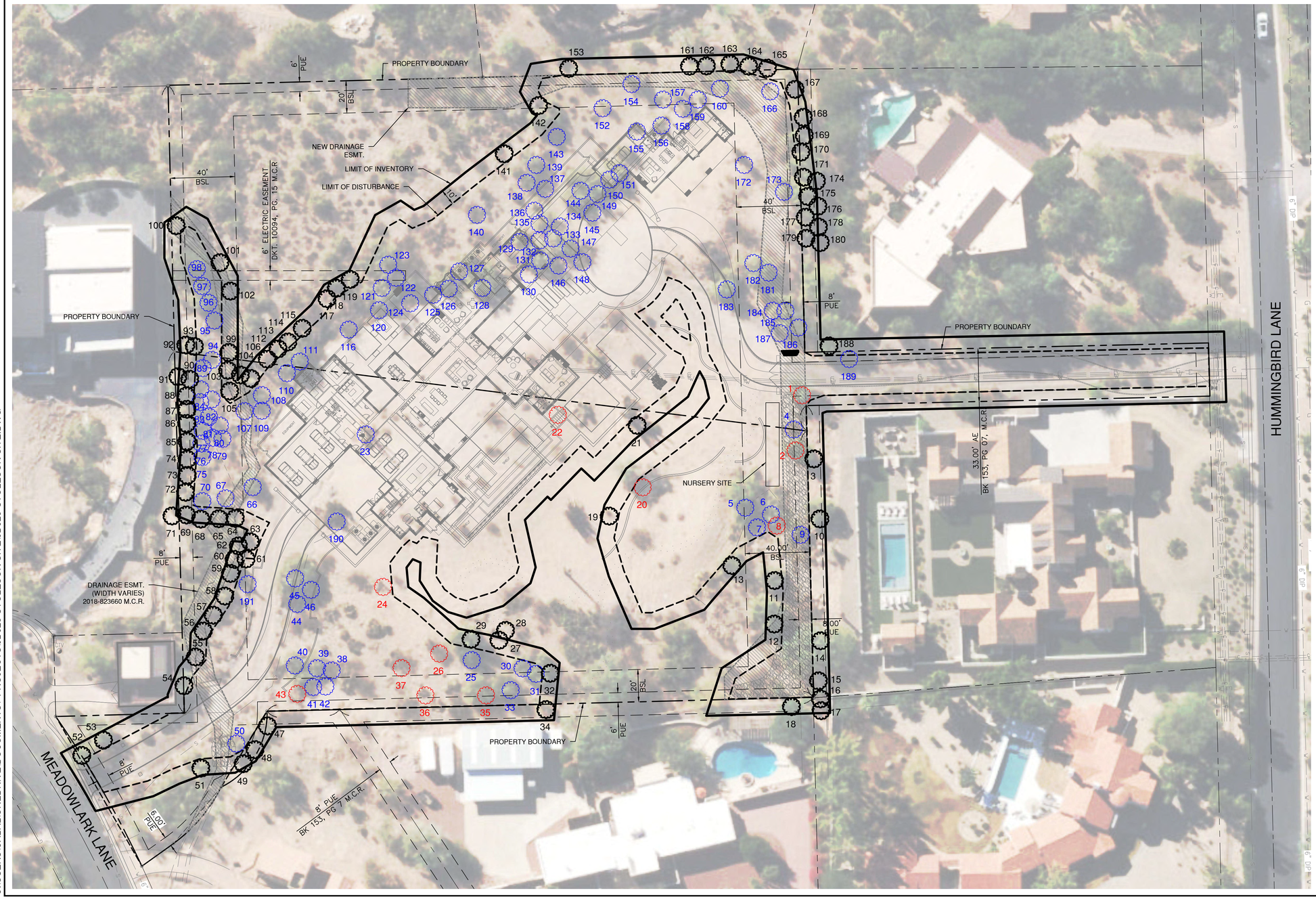
AL4

NATIVE PLANT INVENTORY PLAN

STOLESON RESIDENCE
6519 E. HUMMINGBIRD LANE
PARADISE VALLEY, AZ 85253



VICINITY MAP
NTS



NOTE:
ALL SALVAGED PLANTS WILL BE RELOCATED ON THIS LOT AND INCORPORATED INTO LANDSCAPING

N

20 10 0 20 40

SCALE
1" = 20'

LEGEND

- PROPERTY LINE
- LIMIT OF INVENTORY
- LIMIT OF DISTURBANCE
- BLUE = NON-SALVAGEABLE
- RED = SALVAGEABLE
- BLACK = REMAIN IN PLACE
- N = NON-SALVAGEABLE
- Y = SALVAGEABLE
- R = REMAIN IN PLACE
- INVENTORIED VEGETATION

JD CONSULTING, LLC
SONORAN DESERT PRESERVATION SERVICES
2427 EAST DUST DEVIL DRIVE
PHOENIX, AZ 85024
CELL: 480-274-7102
FAX: 480-306-6088

STOLESON RESIDENCE
NATIVE PLANT INVENTORY PLAN
6519 E. HUMMINGBIRD LANE
PARADISE VALLEY, AZ 85253

DRAWN BY	CHECKED BY	DATE	SCALE	SHEET	OF
AC	JD	9/18/2025	1" = 30'	01	02

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INVENTORY REPORT

SALVAGE	TREE ID #	SPECIES	SCIENTIFIC NAME	HEIGHT IN FT.	ARMS TOTAL FT.	NO. OF ARMS	BOX SIZE IN.	CALIPER IN IN.	COMMENTS
Y	1	BLUE PALO VERDE	CERCIDIUM FLORIDUM				54	14	
Y	2	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				48	10	
R	3	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					17	SUCKER GROWTH
N	4	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	WEAK STRUCTURE
N	5	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					28	BROKEN BRANCHES
N	6	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	WEAK STRUCTURE
N	7	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	DAMAGED CAMBIUM
Y	8	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				42	8	
N	9	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	WEAK STRUCTURE
R	10	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				66	17	
R	11	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				54	13	
R	12	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				66	18	
R	13	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				54	14	
R	14	NATIVE MESQUITE	PROSOPIS JULIFLORA					20	WEAK STRUCTURE
R	15	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					13	WEAK STRUCTURE
R	16	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	BROKEN BRANCHES
R	17	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	WEAK STRUCTURE
R	18	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	WEAK STRUCTURE
R	19	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				30	4	
R	20	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				54	13	
R	21	SAGUARO	CARNEGIEA GIGANTEA	18	122	29			
Y	22	BLUE PALO VERDE	CERCIDIUM FLORIDUM				24	2	
N	23	SAGUARO	CARNEGIEA GIGANTEA	24	2	3			DEHYDRATED
Y	24	SAGUARO	CARNEGIEA GIGANTEA	9					SPEAR
N	25	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	WIDE BASE
Y	26	SAGUARO	CARNEGIEA GIGANTEA	9					SPEAR
R	27	SAGUARO	CARNEGIEA GIGANTEA	4					SPEAR
R	28	SAGUARO	CARNEGIEA GIGANTEA	17					TWIN
R	29	SAGUARO	CARNEGIEA GIGANTEA	7					SPEAR
N	30	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	WEAK STRUCTURE
N	31	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	WEAK STRUCTURE
R	32	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				54	14	
Y	33	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				54	14	
R	34	NATIVE MESQUITE	PROSOPIS JULIFLORA				36	6	
Y	35	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				54	14	
Y	36	SAGUARO	CARNEGIEA GIGANTEA	7					SPEAR
Y	37	SAGUARO	CARNEGIEA GIGANTEA	7					SPEAR
N	38	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	WEAK STRUCTURE
N	39	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	IN ROCK
N	40	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					11	IN ROCK
N	41	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					4	WEAK STRUCTURE
N	42	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	WEAK STRUCTURE
Y	43	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				42	8	
N	44	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	WEAK STRUCTURE
N	45	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					15	WEAK STRUCTURE
N	46	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					19	IN ROCK
R	47	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				54	13	
R	48	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	WEAK STRUCTURE
R	49	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					16	EXPOSED ROOTS
N	50	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	WEAK STRUCTURE
R	51	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					14	IN ROCK
R	52	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					15	IN ROCK
R	53	BLUE PALO VERDE	CERCIDIUM FLORIDUM					13	WEAK STRUCTURE
R	54	BLUE PALO VERDE	CERCIDIUM FLORIDUM					9	BORER DAMAGE
R	55	NATIVE MESQUITE	PROSOPIS JULIFLORA					10	IN ROCK
R	56	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	WEAK STRUCTURE
R	57	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	IN ROCK
R	58	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	IN ROCK
R	59	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	WEAK STRUCTURE
R	60	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	WEAK STRUCTURE
R	61	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	WEAK STRUCTURE
R	62	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	WEAK STRUCTURE
R	63	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	IN ROCK
R	64	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	BORER DAMAGE
R	65	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	IN ROCK
N	66	BLUE PALO VERDE	CERCIDIUM FLORIDUM					12	IN ROCK
N	67	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	WEAK STRUCTURE
R	68	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	WEAK STRUCTURE
R	69	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	WEAK STRUCTURE
N	70	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	IN ROCK
R	71	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					13	IN ROCK
R	72	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	IN ROCK
R	73	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	IN ROCK
R	74	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	IN ROCK
N	75	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					4	WEAK STRUCTURE
N	76	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					4	IN ROCK
N	77	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	IN ROCK
N	78	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					4	WEAK STRUCTURE
N	79	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					8	IN ROCK
N	80	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	WEAK STRUCTURE
N	81	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	WIDE BASE
N	82	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	DAMAGED CAMBIUM
N	83	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	IN ROCK
N	84	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	IN ROCK
R	85	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	IN ROCK
R	86	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	IN ROCK
R	87	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	IN ROCK
R	88	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					8	IN ROCK
R	89	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	WEAK STRUCTURE
R	90	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	IN ROCK
R	91	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	IN ROCK
R	92	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	IN ROCK
R	93	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					4	IN ROCK
R	94	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	IN ROCK
N	95	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					4	WEAK STRUCTURE
N	96	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	IN ROCK
N	97	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	IN ROCK
N	98	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	IN ROCK
R	99	SAGUARO	CARNEGIEA GIGANTEA	3					SPEAR, DEHYDRATED
R	100	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	IN ROCK
R	101	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					13	IN ROCK
R	102	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	IN ROCK
R	103	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	DAMAGED CAMBIUM
R	104	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	EXPOSED ROOTS
R	105	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	BORER DAMAGE
R	106	SAGUARO	CARNEGIEA GIGANTEA	10					SPEAR
N	107	NATIVE MESQUITE	PROSOPIS JULIFLORA					8	PARTIALLY DEAD
N	108	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	WEAK STRUCTURE
N	109	SENITA	LOPHOCEREUS SCHOTTII					40	WIDE BASE, DEHYDRATED
N	110	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					15	IN ROCK
N	111	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	IN ROCK

INVENTORY REPORT

SALVAGE	TREE ID #	SPECIES	SCIENTIFIC NAME	HEIGHT IN FT.	ARMS TOTAL FT.	NO. OF ARMS	BOX SIZE IN.	CALIPER IN IN.	COMMENTS
R	112	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	IN ROCK
R	113	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					4	DAMAGED CAMBIUM
R	114	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					4	IN ROCK
R	115	NATIVE MESQUITE	PROSOPIS JULIFLORA					4	IN ROCK
N	116	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					25	PARTIALLY DEAD
R	117	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	WEAK STRUCTURE
R	118	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					13	IN ROCK
R	119	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	IN ROCK
N	120	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					18	IN ROCK
N	121	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	WEAK STRUCTURE
N	122	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	WEAK STRUCTURE
N	123	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					18	IN ROCK
N	124	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	EXPOSED ROOTS
N	125	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					11	IN ROCK
N	126	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	IN ROCK
N	127	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					9	IN ROCK
N	128	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					18	IN ROCK
N	129	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	IN ROCK
N	130	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					8	WEAK STRUCTURE
N	131	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					18	IN ROCK
N	132	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	IN ROCK
N	133	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	WEAK STRUCTURE
N	134	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	IN ROCK
N	135	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					4	ANGLED TRUNK
N	136	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					4	WEAK STRUCTURE
N	137	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	WEAK STRUCTURE
N	138	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	IN ROCK
N	139	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					8	IN ROCK
N	140	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					4	IN ROCK
R	141	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					4	IN ROCK
R	142	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					15	DAMAGED CAMBIUM
N	143	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					18	IN ROCK
N	144	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					20	WEAK STRUCTURE
N	145	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					16	IN ROCK
N	146	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					13	WEAK STRUCTURE
N	147	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					8	WEAK STRUCTURE
N	148	TOTEM POLE	PACHYCEREUS SCHOTTII F. MONSTROSUS					8	DEHYDRATED
N	149	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					15	IN ROCK
N	150	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	IN ROCK
N	151	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	WEAK STRUCTURE
N	152	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	IN ROCK
R	153	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					8	BROKEN BRANCHES
N	154	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					16	BROKEN BRANCHES
N	155	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	WEAK STRUCTURE
N	156	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					4	WEAK STRUCTURE
N	157	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					13	IN ROCK
N	158	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	WEAK STRUCTURE
N	159	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					20	EXPOSED ROOTS
N	160	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					15	IN ROCK
R	161	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	WEAK STRUCTURE
R	162	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					11	WIDE BASE
R	163	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	DAMAGED CAMBIUM
R	164	SENITA	LOPHOCEREUS SCHOTTII					36	WIDE BASE
R	165	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	WEAK STRUCTURE
R	166	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	WEAK STRUCTURE
R	167	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					9	IN ROCK
R	168	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	IN ROCK
R	169	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	IN ROCK
R	170	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					12	IN ROCK
R	171	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					13	WEAK STRUCTURE
N	172	TOTEM POLE	PACHYCEREUS SCHOTTII F. MONSTROSUS					20	DEHYDRATED
N	173	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					10	WEAK STRUCTURE
R	174	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					19	WEAK STRUCTURE
R	175	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					17	
R	176	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					7	BORER DAMAGE
R	177	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					6	WEAK STRUCTURE
R	178	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					16	WEAK STRUCTURE
R	179	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					18	WEAK STRUCTURE
R	180	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					19	BORER DAMAGE
N	181	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					13	IN ROCK
N	182	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					5	WEAK STRUCTURE
N	183	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					19	BROKEN BRANCHES
N	184	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					15	BROKEN BRANCHES
N	185	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA					18	WEAK STRUCTURE
N	186	SWEET ACACIA	ACACIA SMALLII					19	PARTIALLY DEAD
N	187	ORGAN PIPE	STENOCEREUS THURBERI	10				19	DEHYDRATED
R	188	FOOTHILL PALO VERDE	PARKINSONIA MICROPHYLLA				72	20	
N	189	ORGAN PIPE	STENOCEREUS THURBERI	8				13	DEHYDRATED
N	190	ORGAN PIPE	STENOCEREUS THURBERI	40				15	DEHYDRATED
N	191	ORGAN PIPE	STENOCEREUS THURBERI	18				14	IN ROCK

SUMMARY OF INVENTORY

TREES/BOX TABLE

	SALVAGE		NON-SALVAGE		REMAIN		TOTAL	
	QTY	IN.	QTY	IN.	QTY	IN.	QTY	IN.
BLUE PALO VERDE	1	12	2	16	2	22	5	50
FOOTHILL PALO VERDE	80	768	5	54	76	707	161	1529
NATIVE MESQUITE	1	8	0	0	4	40	5	48
SWEET ACACIA	1	19	0	0	0	0	1	19
TOTALS:	83	807	7	70	82	769	172	1646

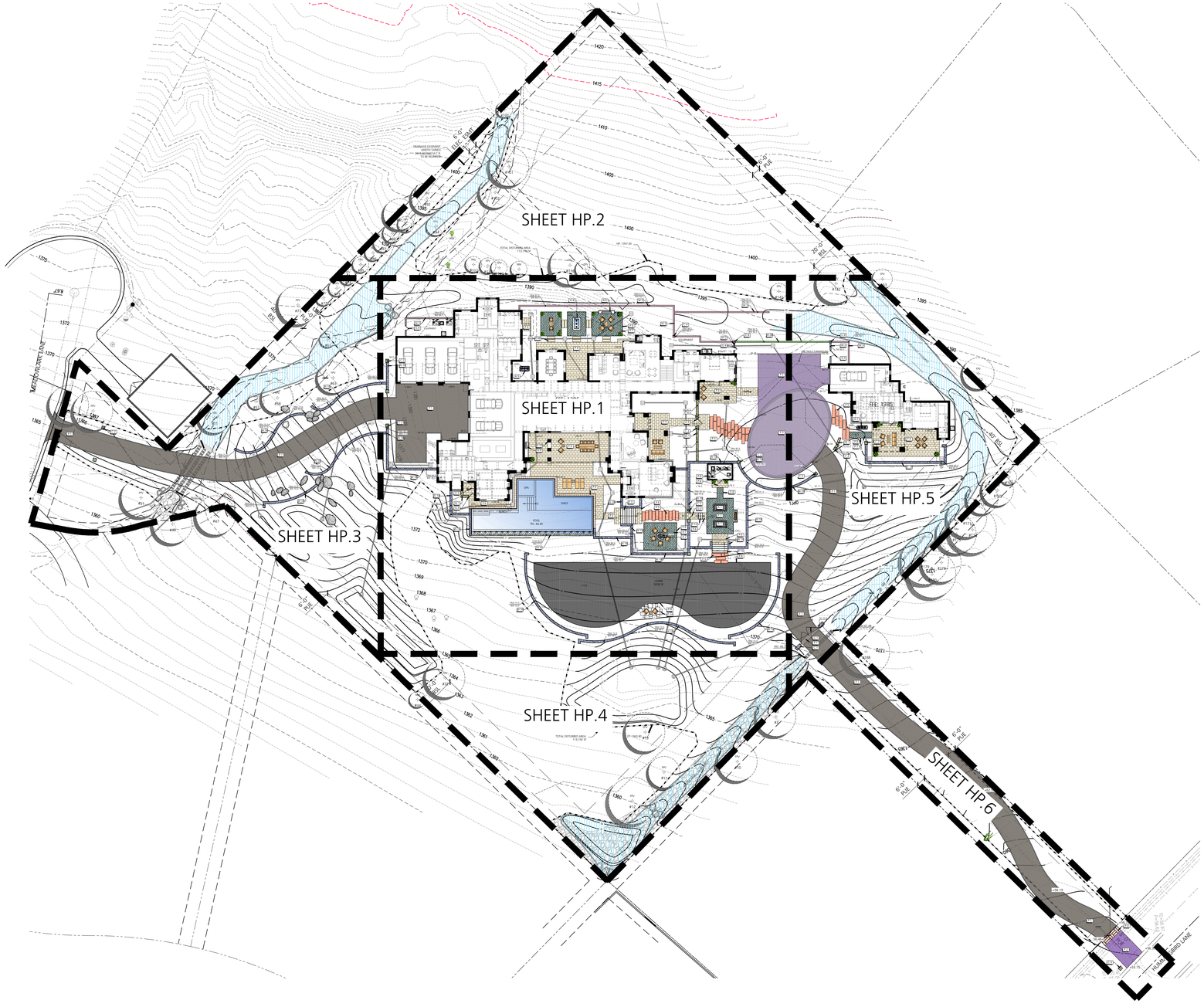
CACTI TABLE

	SALVAGE		NON-SALVAGE		REMAIN		TOTAL	
	QTY	FT./IN.	QTY	FT./IN.	QTY	FT./IN.	QTY	FT./IN.
ORGAN PIPE	4	76	0	0	0	0	4	76
SAGUARO	1	26	4	32	6	181	11	239
SENITA	1	40	0	0	1	36	2	76
TOTEM POLE	2	28	0	0	0	0	2	28
TOTALS:	8	170	4	32	7	217	19	419

JD CONSULTING, LLC
SONORAN DESERT PRESERVATION SERVICES
2427 EAST DUST DEVIL DRIVE
PHOENIX, AZ 85024
CELL: 480-274-7102
FAX: 480-306-6088

STOLESON RESIDENCE
NATIVE PLANT INVENTORY PLAN
6519 E. HUMMINGBIRD LANE
PARADISE VALLEY, AZ 85253

DRAWN BY	CHECKED BY	DATE	DRAWING SCALE	SHEET	OF
AC	JD	9/18/2025	NONE	01	02



HARDSCAPE LEGEND

PAVING / STEPS		SHEET
P.1	DRIVEWAY: 4"x8"CONCRETE PAVERS, SAND SET OVER ABC BASE. PATTERN:HERRINGBONE. BORDER: TRIPLE BAND 4" x8" CONCRETE PAVER, LAID THIN SIDE UP, END TO END, MORTAR SET. TRIPLE ROW COURSING AT GATE ENTRY, SEE PLAN. COLOR: CHARCOAL (LRV: ±20).	HD.1
P.2	DRIVEWAY: 6"x6"x2" BLUESTONE COBBLE, SAND SET. MORTAR SET EDGE PIECES. PATTERN: STACKED. (LRV: ±35).	HD.1
P.3	AUTOCOURT: 6"x6"x2" BLUESTONE COBBLE, SAND SET. PATTERN: STACKED. BORDER: TRIPLE BAND 6"x6"x2" BLENDED COBBLE TO MATCH P.2, MORTAR SET. (LRV: ±35).	HD.1
P.4	DRIVEWAY COURSING AT STREET ENTRY: 6" THICK STONE PLANKS, MORTAR SET. SIZE:VARIES. PATTERN: RANDOM. (LRV: ±35).	HD.1
P.5	6" THICK STONE PLANKS 'STEP STONES' - MORTAR SET. SIZE: VARIES. (LRV: ±35).	HD.1
P.6	LIMESTONE PAVING: 1" THICK LIMESTONE PAVING; BUTT JOINTS; MORTAR SET OVER CONCRETE BASE. 2" THICK LIMESTONE EDGE AT RAISED PATIOS. PATTERN: RUNNINGBOND. SIZE: 16"x24. COLOR: LEUDERS GRAY (LRV: ±35).	HD.1
P.6B	LIMESTONE STEP STONES: 1" THICK LIMESTONE SLABS; MORTAR SET. COLOR: LEUDERS GRAY (LRV: ±35).	
P.7	3/8" SCREEN PEA GRAVEL; 2" THICK OVER COMPACTED SUB-BASE. COLOR: TAN BLEND (LRV: ±35).	HD.1
P.8	LAWN AND PEA GRAVEL BORDER: 3/8"x6" METAL EDGE.	HD.1
P.9	POOL COPING: 2" THICK EASED EDGE LIMESTONE TO MATCH ADJACENT HARDSCAPE. 16"x24"WITH FULL CORNER PIECES. (LRV: ±35).	
P.11	C.I.P. CONCRETE STEPS AT POOL TERRACE. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.12	C.I.P. CONCRETE STEPS AT GARDENS. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.13	C.I.P. CONCRETE STEPS AT LAWN. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.14	FLAGSTONE STEP STONES - 2" THICK FLAGSTONE STEP STONES, COLOR: CLASSIC OAK. MORTAR SET, RANDOM PATTERN, 4" MAX. OPEN JOINTS. (LRV: ±36).	HD.2

COLUMNS		SHEET
C.1	COLUMN AT GATED ENTRY: 24"x48" CMU COLUMN, WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
C.2	24"x24" CMU COLUMN WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
C.3	CMU MAILBOX - SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38).	HD.3
C.4	16"X16" CMU COLUMN WITH 2" LEUDERS GRAY LIMESTONE CAP. STUCCO & PAINT TO MATCH HOME. (LRV: SEE ARCHITECTURE).	HD.3

WALLS		
W.1	STONE ACCENT WALL: 8" CMU WALL WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
W.1B	STONE ACCENT RETAINING WALL: 8" CMU RETAINING WALL WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). 16" END WALL RETURN WHERE SHOWN. SEE PLAN FOR HEIGHT.	HD.3
W.2	CMU WALL, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
W.3	CMU RETAINING WALL, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
W.3B	CMU RETAINING WALL WITH LEUDERS GRAY LIMESTONE CAP, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
W.4	12" NEGATIVE EDGE TROUGH WALL WITH SANDY SHOALS RUBBLE STONE VENEER. SEE POOL PLAN AND DETAILS. (LRV: ±35).	HD.3

GATE SCHEDULE					HT.	WIDTH	QT.	
G.1	DRIVE	DECORATIVE	DOUBLE	METAL	6'-0"	16'-0"	1	BLACK
G.2	PATH	GARDEN	SINGLE	WOOD	6'-0"	48"	1	
G.3	PATH	SHOWER	SINGLE	WOOD	48"	42"	1	
G.4	UTILITY	SOLID PANEL	SINGLE	METAL	VARIES	VARIES	3	BLACK
G.5	ENTRY	DECORATIVE	SINGLE	WOOD	5'-6"	5'-0"	1	

AMENITIES		SHEET
A.1	RAISED VEGGIE GARDEN BEDS - CMU WITH SANDY SHOALS RUBBLE STONE VENEER. (LRV: ±35).	HD.5
A.2	ROUND FIREPIT WITH SANDY SHOALS RUBBLE STONE VENEER. (LRV: ±35).	HD.5
A.3	OUTDOOR SHOWER.	HD.5
A.4	IN GROUND LIMESTONE WATER FEATURE.	HD.5
A.5	STONE TROUGH WATER FEATURE - BACK GARDEN.	HD.5
A.6	STONE FIREPLACE.	HD.6
A.7	STONE TROUGH WATER FEATURE - GUEST CASITA.	HD.7
A.8	POOL STORAGE SHED - BY ARCHITECT.	
A.9	BBQ - BY ARCHITECT.	
A.10	FIREPLACE - BY ARCHITECT.	

KEY

- DRAINAGE EASEMENT.
- SURFACE SELECT BOULDER.
- EXISTING SAGUARO.
- EXISTING TREE.

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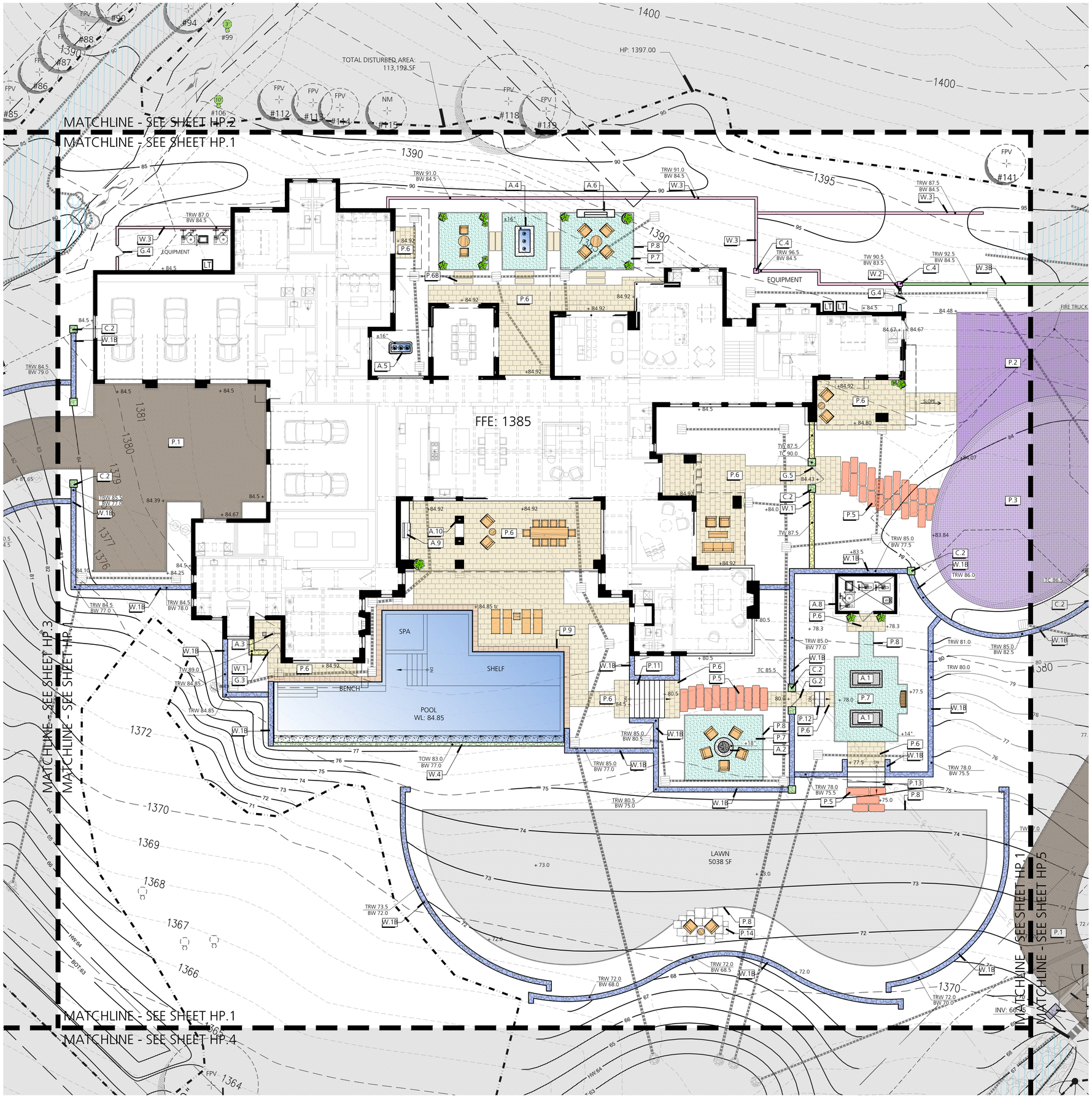
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HP.0

HARDSCAPE PLAN

DECEMBER 12. 2025



HARDSCAPE LEGEND

PAVING / STEPS		SHEET
P.1	DRIVEWAY: 4"x8"CONCRETE PAVERS, SAND SET OVER ABC BASE. PATTERN:HERRINGBONE. BORDER: TRIPLE BAND 4" x8" CONCRETE PAVER, LAID THIN SIDE UP, END TO END, MORTAR SET. TRIPLE ROW COURSING AT GATE ENTRY, SEE PLAN. COLOR: CHARCOAL (LRV: ±20).	HD.1
P.2	DRIVEWAY: 6"x6"x2" BLUESTONE COBBLE, SAND SET. MORTAR SET EDGE PIECES. PATTERN: STACKED. (LRV: ±35).	HD.1
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P.5	6" THICK STONE PLANKS 'STEP STONES' - MORTAR SET. SIZE: VARIES. (LRV: ±35).	HD.1
P.6	LIMESTONE PAVING: 1" THICK LIMESTONE PAVING; BUTT JOINTS; MORTAR SET OVER CONCRETE BASE. 2" THICK LIMESTONE EDGE AT RAISED PATIOS. PATTERN: RUNNINGBOND. SIZE: 16"x24. COLOR: LEUDERS GRAY (LRV: ±35).	HD.1
P.6B	LIMESTONE STEP STONES: 1" THICK LIMESTONE SLABS; MORTAR SET. COLOR: LEUDERS GRAY (LRV: ±35).	
P.7	3/8" SCREEN PEA GRAVEL; 2" THICK OVER COMPACTED SUB-BASE. COLOR: TAN BLEND (LRV: ±35).	HD.1
P.8	LAWN AND PEA GRAVEL BORDER: 3/8"x6" METAL EDGE.	HD.1
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COLUMNS		SHEET
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GATE SCHEDULE

					HT.	WIDTH	QT.	
G.1	DRIVE	DECORATIVE	DOUBLE	METAL	6'-0"	16'-0"	1	BLACK
G.2	PATH	GARDEN	SINGLE	WOOD	6'-0"	48"	1	
G.3	PATH	SHOWER	SINGLE	WOOD	48"	42"	1	
G.4	UTILITY	SOLID PANEL	SINGLE	METAL	VARIES	VARIES	3	BLACK
G.5	ENTRY	DECORATIVE	SINGLE	WOOD	5'-6"	5'-0"	1	

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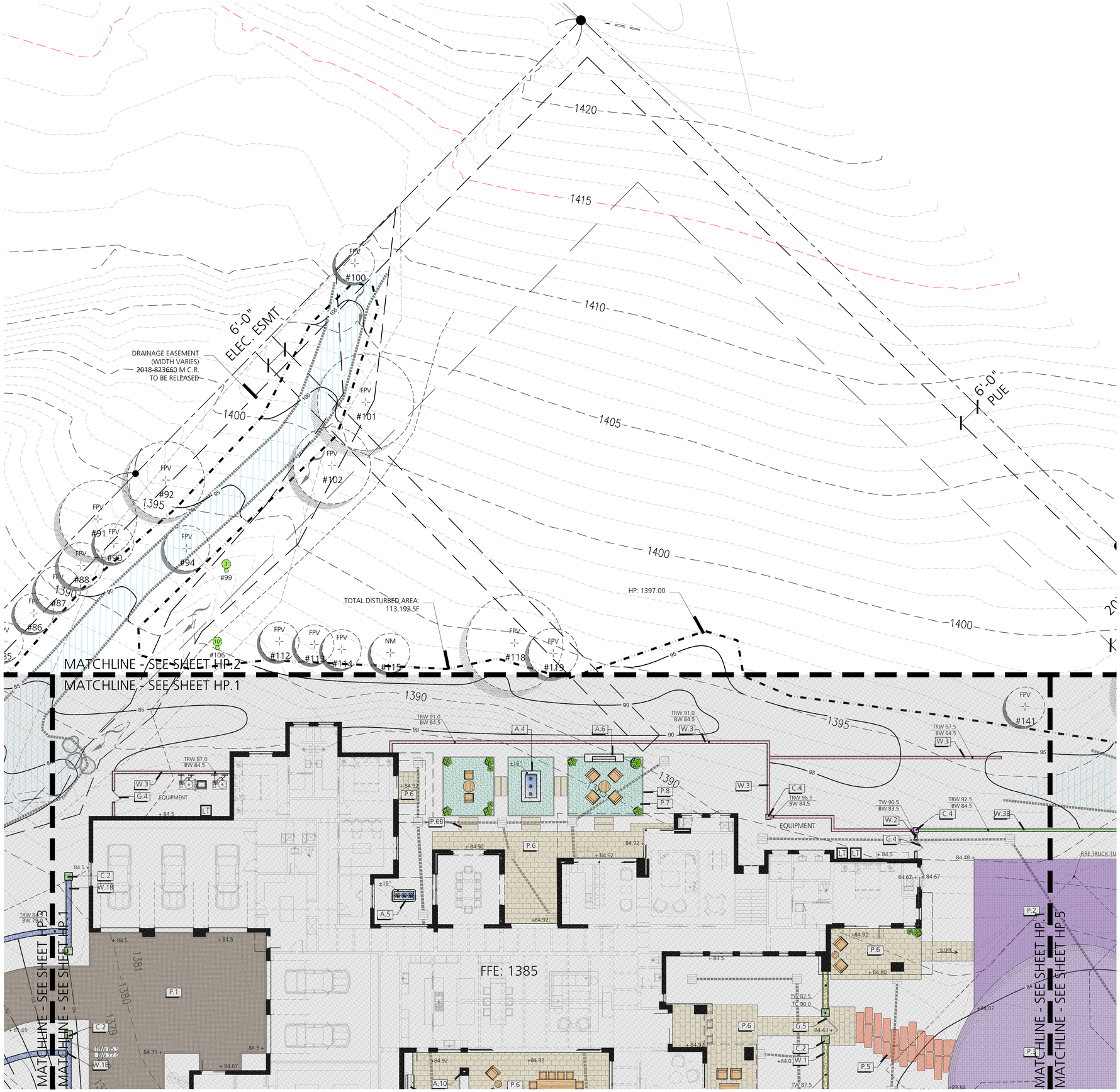
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TOWN SUBMITTAL

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HARDSCAPE PLAN

DECEMBER 12. 2025



HARDSCAPE LEGEND

PAVING / STEPS		SHEET
P.1	DRIVEWAY: 4"x8"CONCRETE PAVERS, SAND SET OVER ABC BASE. PATTERN:HERRINGBONE. BORDER: TRIPLE BAND 4" x8" CONCRETE PAVER, LAID THIN SIDE UP, END TO END, MORTAR SET. TRIPLE ROW COURSING AT GATE ENTRY, SEE PLAN. COLOR: CHARCOAL (LRV: ±20).	HD.1
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P.12	C.I.P. CONCRETE STEPS AT GARDENS. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.13	C.I.P. CONCRETE STEPS AT LAWN. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
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C.1	COLUMN AT GATED ENTRY: 24"x48" CMU COLUMN, WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
C.2	24"x24" CMU COLUMN WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
C.3	CMU MAILBOX - SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38).	HD.3
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W.3	CMU RETAINING WALL, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
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GATE SCHEDULE					HT.	WIDTH	QT.	
G.1	DRIVE	DECORATIVE	DOUBLE	METAL	6'-0"	16'-0"	1	BLACK
G.2	PATH	GARDEN	SINGLE	WOOD	6'-0"	48"	1	
G.3	PATH	SHOWER	SINGLE	WOOD	48"	42"	1	
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G.5	ENTRY	DECORATIVE	SINGLE	WOOD	5'-6"	5'-0"	1	

AMENITIES		SHEET
A.1	RAISED VEGGIE GARDEN BEDS - CMU WITH SANDY SHOALS RUBBLE STONE VENEER. (LRV: ±35).	HD.5
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A.9	BBQ - BY ARCHITECT.	
A.10	FIREPLACE - BY ARCHITECT.	

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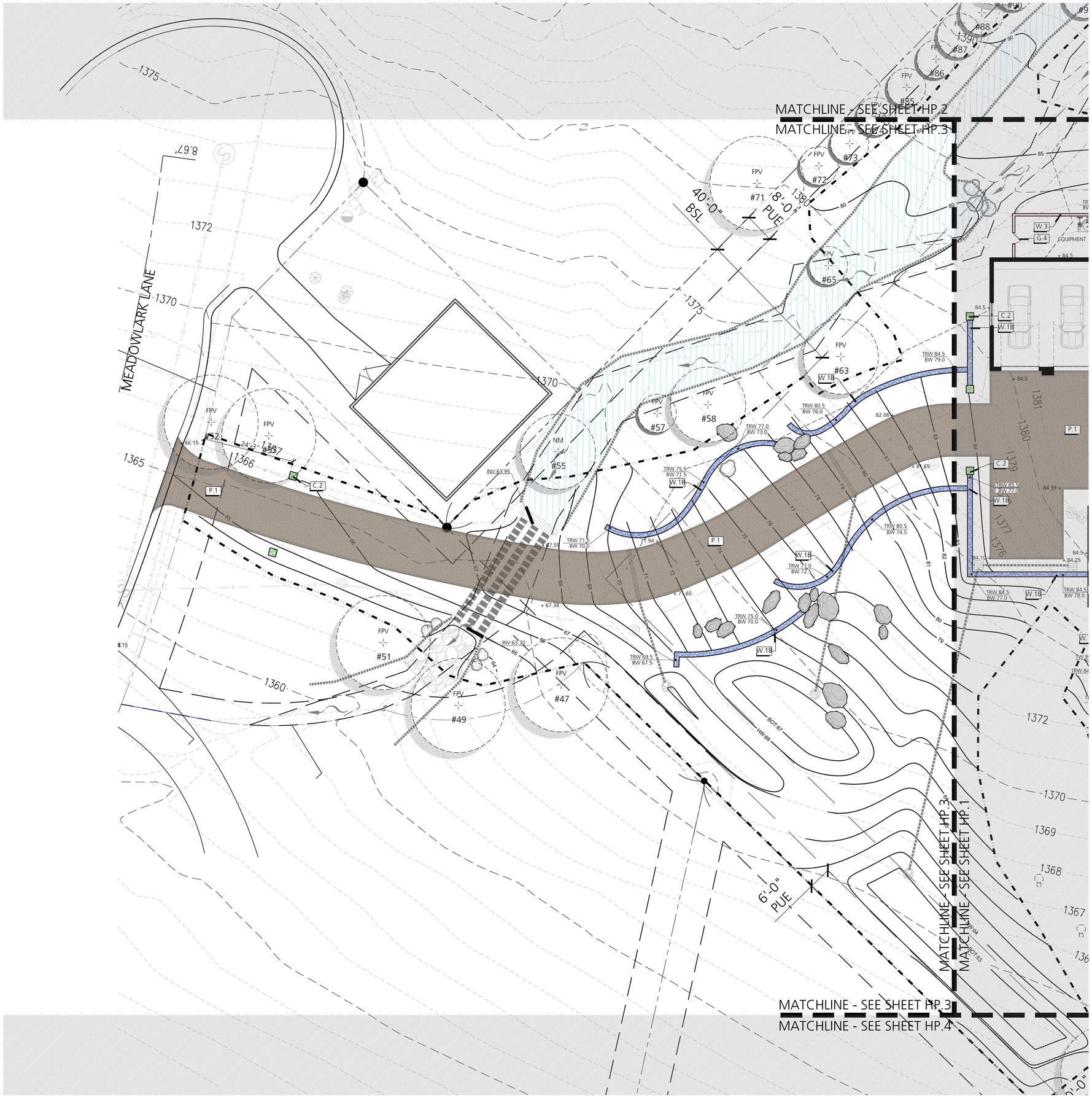
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HARDSCAPE PLAN

DECEMBER 12. 2025



HARDSCAPE LEGEND

PAVING / STEPS		SHEET
P.1	DRIVEWAY: 4"x8"CONCRETE PAVERS, SAND SET OVER ABC BASE. PATTERN:HERRINGBONE. BORDER: TRIPLE BAND 4" x8" CONCRETE PAVER, LAID THIN SIDE UP, END TO END, MORTAR SET. TRIPLE ROW COURSING AT GATE ENTRY, SEE PLAN. COLOR: CHARCOAL (LRV: ±20).	HD.1
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P.3	AUTOCOURT: 6"x6"x2" BLUESTONE COBBLE, SAND SET. PATTERN: STACKED. BORDER: TRIPLE BAND 6"x6"x2" BLENDED COBBLE TO MATCH P.2, MORTAR SET. (LRV: ±35).	HD.1
P.4	DRIVEWAY COURSING AT STREET ENTRY: 6" THICK STONE PLANKS, MORTAR SET. SIZE:VARIES. PATTERN: RANDOM. (LRV: ±35).	HD.1
P.5	6" THICK STONE PLANKS 'STEP STONES' - MORTAR SET. SIZE: VARIES. (LRV: ±35).	HD.1
P.6	LIMESTONE PAVING: 1" THICK LIMESTONE PAVING; BUTT JOINTS; MORTAR SET OVER CONCRETE BASE. 2" THICK LIMESTONE EDGE AT RAISED PATIOS. PATTERN: RUNNINGBOND. SIZE: 16"x24. COLOR: LEUDERS GRAY (LRV: ±35).	HD.1
P.6B	LIMESTONE STEP STONES: 1" THICK LIMESTONE SLABS; MORTAR SET. COLOR: LEUDERS GRAY (LRV: ±35).	
P.7	3/8" SCREEN PEA GRAVEL; 2" THICK OVER COMPACTED SUB-BASE. COLOR: TAN BLEND (LRV: ±35).	HD.1
P.8	LAWN AND PEA GRAVEL BORDER: 3/8"x6" METAL EDGE.	HD.1
P.9	POOL COPING: 2" THICK EASED EDGE LIMESTONE TO MATCH ADJACENT HARDSCAPE. 16"x24"WITH FULL CORNER PIECES. (LRV: ±35).	
P.11	C.I.P. CONCRETE STEPS AT POOL TERRACE. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.12	C.I.P. CONCRETE STEPS AT GARDENS. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.13	C.I.P. CONCRETE STEPS AT LAWN. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.14	FLAGSTONE STEP STONES - 2" THICK FLAGSTONE STEP STONES, COLOR: CLASSIC OAK. MORTAR SET, RANDOM PATTERN, 4" MAX. OPEN JOINTS. (LRV: ±36).	HD.2

COLUMNS		SHEET
C.1	COLUMN AT GATED ENTRY: 24"x48" CMU COLUMN, WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
C.2	24"x24" CMU COLUMN WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
C.3	CMU MAILBOX - SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38).	HD.3
C.4	16"X16" CMU COLUMN WITH 2" LEUDERS GRAY LIMESTONE CAP. STUCCO & PAINT TO MATCH HOME. (LRV: SEE ARCHITECTURE).	HD.3

WALLS		SHEET
W.1	STONE ACCENT WALL: 8" CMU WALL WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
W.1B	STONE ACCENT RETAINING WALL: 8" CMU RETAINING WALL WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). 16" END WALL RETURN WHERE SHOWN. SEE PLAN FOR HEIGHT.	HD.3
W.2	CMU WALL, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
W.3	CMU RETAINING WALL, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
W.3B	CMU RETAINING WALL WITH LEUDERS GRAY LIMESTONE CAP, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
W.4	12" NEGATIVE EDGE TROUGH WALL WITH SANDY SHOALS RUBBLE STONE VENEER. SEE POOL PLAN AND DETAILS. (LRV: ±35).	HD.3

GATE SCHEDULE					HT.	WIDTH	QT.	
G.1	DRIVE	DECORATIVE	DOUBLE	METAL	6'-0"	16'-0"	1	BLACK
G.2	PATH	GARDEN	SINGLE	WOOD	6'-0"	48"	1	
G.3	PATH	SHOWER	SINGLE	WOOD	48"	42"	1	
G.4	UTILITY	SOLID PANEL	SINGLE	METAL	VARIES	VARIES	3	BLACK
G.5	ENTRY	DECORATIVE	SINGLE	WOOD	5'-6"	5'-0"	1	

AMENITIES		SHEET
A.1	RAISED VEGGIE GARDEN BEDS - CMU WITH SANDY SHOALS RUBBLE STONE VENEER. (LRV: ±35).	HD.5
A.2	ROUND FIREPIT WITH SANDY SHOALS RUBBLE STONE VENEER. (LRV: ±35).	HD.5
A.3	OUTDOOR SHOWER.	HD.5
A.4	IN GROUND LIMESTONE WATER FEATURE.	HD.5
A.5	STONE TROUGH WATER FEATURE - BACK GARDEN.	HD.5
A.6	STONE FIREPLACE.	HD.6
A.7	STONE TROUGH WATER FEATURE - GUEST CASITA.	HD.7
A.8	POOL STORAGE SHED - BY ARCHITECT.	
A.9	BBQ - BY ARCHITECT.	
A.10	FIREPLACE - BY ARCHITECT.	

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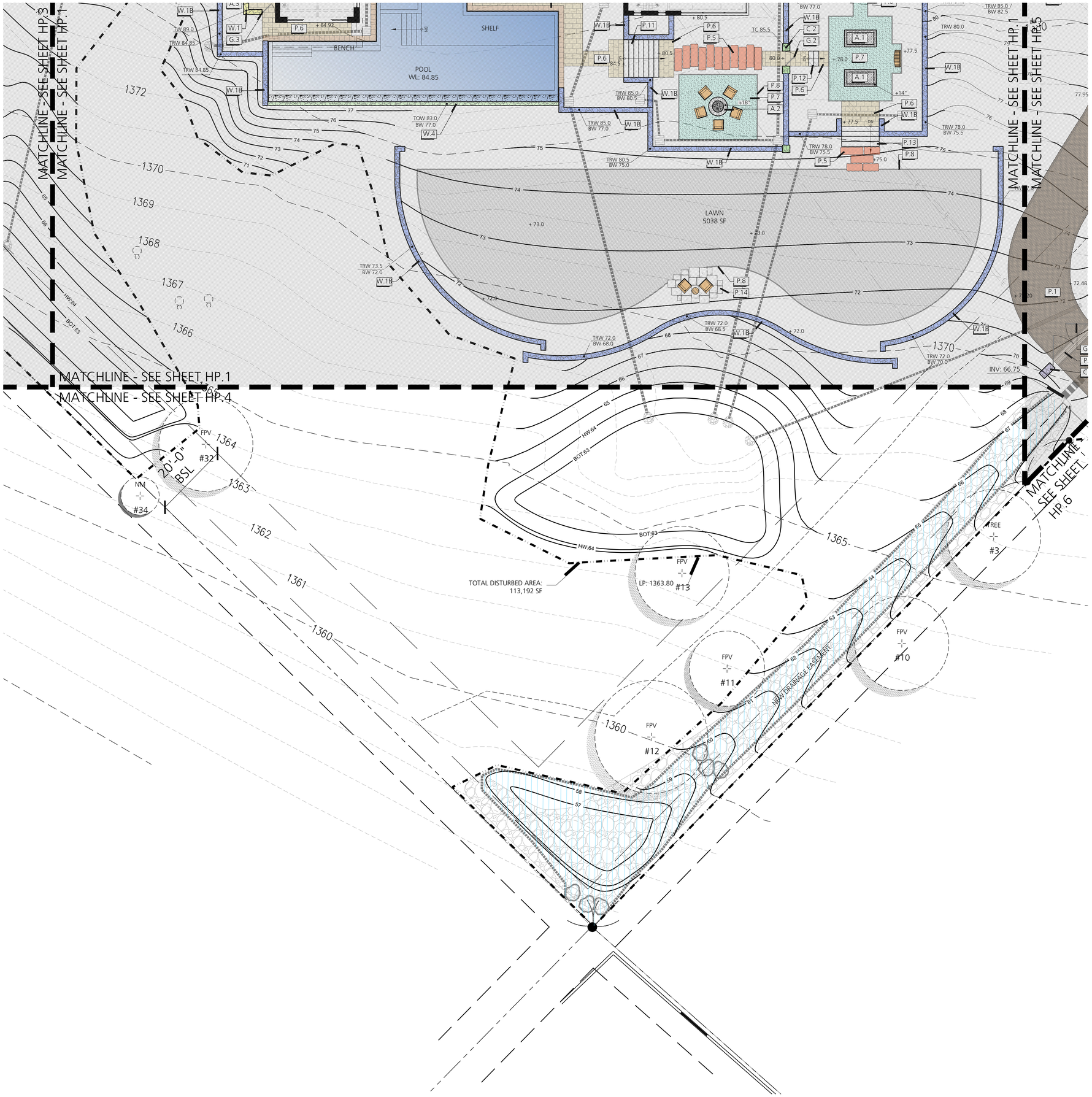
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HP.3

HARDSCAPE PLAN

DECEMBER 12. 2025



HARDSCAPE LEGEND

PAVING / STEPS		SHEET
P.1	DRIVEWAY: 4"x8"CONCRETE PAVERS, SAND SET OVER ABC BASE. PATTERN:HERRINGBONE. BORDER: TRIPLE BAND 4" x8" CONCRETE PAVER, LAID THIN SIDE UP, END TO END, MORTAR SET. TRIPLE ROW COURSING AT GATE ENTRY, SEE PLAN. COLOR: CHARCOAL (LRV: ±20).	HD.1
P.2	DRIVEWAY: 6"x6"x2" BLUESTONE COBBLE, SAND SET. MORTAR SET EDGE PIECES. PATTERN: STACKED. (LRV: ±35).	HD.1
P.3	AUTOCOURT: 6"x6"x2" BLUESTONE COBBLE, SAND SET. PATTERN: STACKED. BORDER: TRIPLE BAND 6"x6"x2" BLENDED COBBLE TO MATCH P.2, MORTAR SET. (LRV: ±35).	HD.1
P.4	DRIVEWAY COURSING AT STREET ENTRY: 6" THICK STONE PLANKS, MORTAR SET. SIZE:VARIES. PATTERN: RANDOM. (LRV: ±35).	HD.1
P.5	6" THICK STONE PLANKS 'STEP STONES' - MORTAR SET. SIZE: VARIES. (LRV: ±35).	HD.1
P.6	LIMESTONE PAVING: 1" THICK LIMESTONE PAVING; BUTT JOINTS; MORTAR SET OVER CONCRETE BASE. 2" THICK LIMESTONE EDGE AT RAISED PATIOS. PATTERN: RUNNINGBOND. SIZE: 16"x24. COLOR: LEUDERS GRAY (LRV: ±35).	HD.1
P.6B	LIMESTONE STEP STONES: 1" THICK LIMESTONE SLABS; MORTAR SET. COLOR: LEUDERS GRAY (LRV: ±35).	
P.7	3/8" SCREEN PEA GRAVEL; 2" THICK OVER COMPACTED SUB-BASE. COLOR: TAN BLEND (LRV: ±35).	HD.1
P.8	LAWN AND PEA GRAVEL BORDER: 3/8"x6" METAL EDGE.	HD.1
P.9	POOL COPING: 2" THICK EASED EDGE LIMESTONE TO MATCH ADJACENT HARDSCAPE. 16"x24"WITH FULL CORNER PIECES. (LRV: ±35).	
P.11	C.I.P. CONCRETE STEPS AT POOL TERRACE. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.12	C.I.P. CONCRETE STEPS AT GARDENS. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.13	C.I.P. CONCRETE STEPS AT LAWN. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.14	FLAGSTONE STEP STONES - 2" THICK FLAGSTONE STEP STONES, COLOR: CLASSIC OAK. MORTAR SET, RANDOM PATTERN, 4" MAX. OPEN JOINTS. (LRV: ±36).	HD.2

COLUMNS		SHEET
C.1	COLUMN AT GATED ENTRY: 24"x48" CMU COLUMN, WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
C.2	24"x24" CMU COLUMN WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
C.3	CMU MAILBOX - SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38).	HD.3
C.4	16"X16" CMU COLUMN WITH 2" LEUDERS GRAY LIMESTONE CAP. STUCCO & PAINT TO MATCH HOME. (LRV: SEE ARCHITECTURE).	HD.3

WALLS		
W.1	STONE ACCENT WALL: 8" CMU WALL WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
W.1B	STONE ACCENT RETAINING WALL: 8" CMU RETAINING WALL WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). 16" END WALL RETURN WHERE SHOWN. SEE PLAN FOR HEIGHT.	HD.3
W.2	CMU WALL, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
W.3	CMU RETAINING WALL, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
W.3B	CMU RETAINING WALL WITH LEUDERS GRAY LIMESTONE CAP, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
W.4	12" NEGATIVE EDGE TROUGH WALL WITH SANDY SHOALS RUBBLE STONE VENEER. SEE POOL PLAN AND DETAILS. (LRV: ±35).	HD.3

GATE SCHEDULE

					HT.	WIDTH	QT.	
G.1	DRIVE	DECORATIVE	DOUBLE	METAL	6'-0"	16'-0"	1	BLACK
G.2	PATH	GARDEN	SINGLE	WOOD	6'-0"	48"	1	
G.3	PATH	SHOWER	SINGLE	WOOD	48"	42"	1	
G.4	UTILITY	SOLID PANEL	SINGLE	METAL	VARIES	VARIES	3	BLACK
G.5	ENTRY	DECORATIVE	SINGLE	WOOD	5'-6"	5'-0"	1	

AMENITIES		SHEET
A.1	RAISED VEGGIE GARDEN BEDS - CMU WITH SANDY SHOALS RUBBLE STONE VENEER. (LRV: ±35).	HD.5
A.2	ROUND FIREPIT WITH SANDY SHOALS RUBBLE STONE VENEER. (LRV: ±35).	HD.5
A.3	OUTDOOR SHOWER.	HD.5
A.4	IN GROUND LIMESTONE WATER FEATURE.	HD.5
A.5	STONE TROUGH WATER FEATURE - BACK GARDEN.	HD.5
A.6	STONE FIREPLACE.	HD.6
A.7	STONE TROUGH WATER FEATURE - GUEST CASITA.	HD.7
A.8	POOL STORAGE SHED - BY ARCHITECT.	
A.9	BBQ - BY ARCHITECT.	
A.10	FIREPLACE - BY ARCHITECT.	

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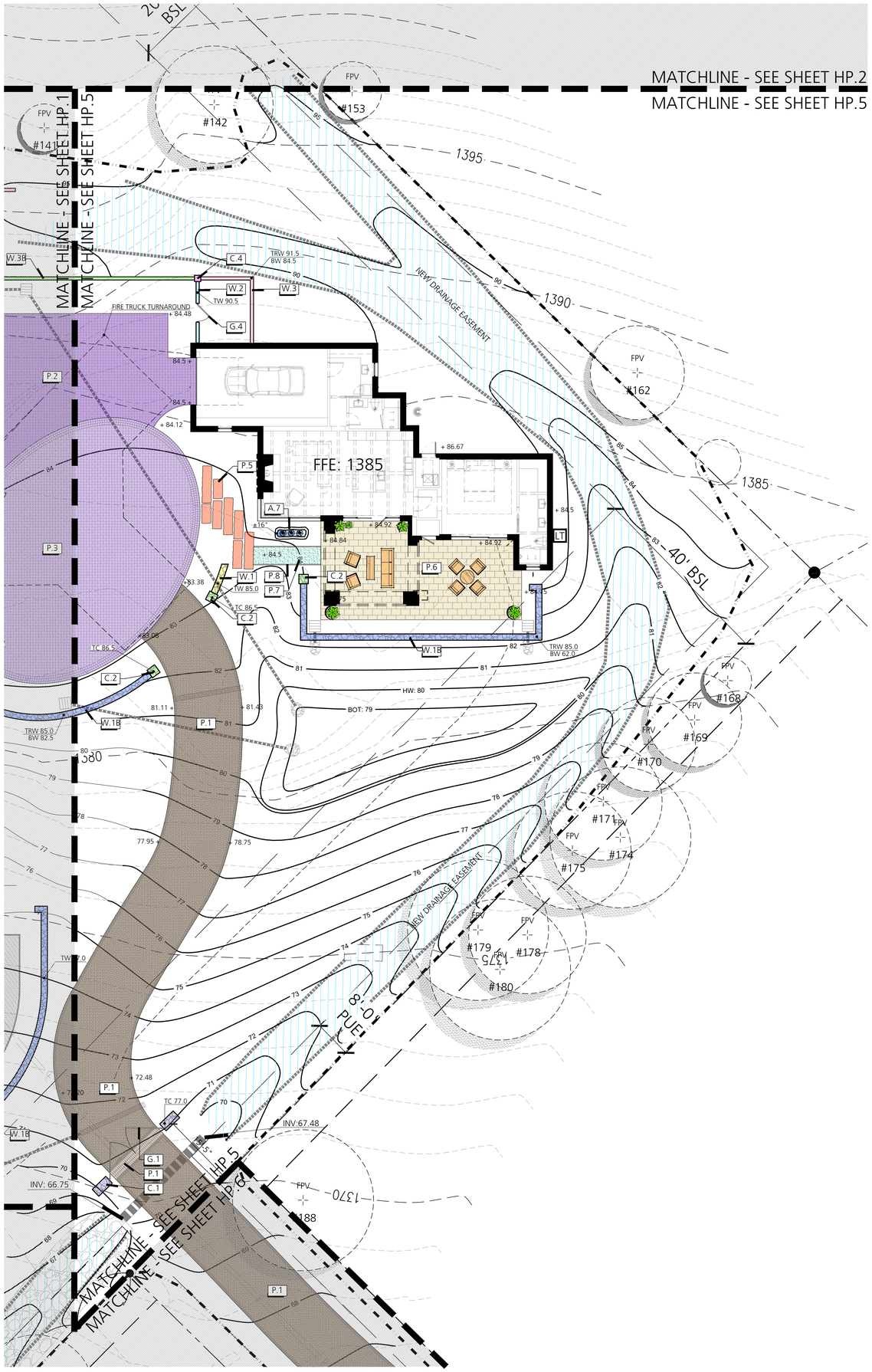
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PARADISE VALLEY, ARIZONA 85253

TOWN SUBMITTAL

HP.4

HARDSCAPE PLAN

DECEMBER 12. 2025



HARDSCAPE LEGEND

PAVING / STEPS		SHEET
P.1	DRIVEWAY: 4"x8"CONCRETE PAVERS, SAND SET OVER ABC BASE. PATTERN:HERRINGBONE. BORDER: TRIPLE BAND 4" x8" CONCRETE PAVER, LAID THIN SIDE UP, END TO END, MORTAR SET. TRIPLE ROW COURSING AT GATE ENTRY, SEE PLAN. COLOR: CHARCOAL (LRV: ±20).	HD.1
P.2	DRIVEWAY: 6"x6"x2" BLUESTONE COBBLE, SAND SET. MORTAR SET EDGE PIECES. PATTERN: STACKED. (LRV: ±35).	HD.1
P.3	AUTOCOURT: 6"x6"x2" BLUESTONE COBBLE, SAND SET. PATTERN: STACKED. BORDER: TRIPLE BAND 6"x6"x2" BLENDED COBBLE TO MATCH P.2, MORTAR SET. (LRV: ±35).	HD.1
P.4	DRIVEWAY COURSING AT STREET ENTRY: 6" THICK STONE PLANKS, MORTAR SET. SIZE:VARIES. PATTERN: RANDOM. (LRV: ±35).	HD.1
P.5	6" THICK STONE PLANKS 'STEP STONES' - MORTAR SET. SIZE: VARIES. (LRV: ±35).	HD.1
P.6	LIMESTONE PAVING: 1" THICK LIMESTONE PAVING; BUTT JOINTS; MORTAR SET OVER CONCRETE BASE. 2" THICK LIMESTONE EDGE AT RAISED PATIOS. PATTERN: RUNNINGBOND. SIZE: 16"x24. COLOR: LEUDERS GRAY (LRV: ±35).	HD.1
P.6B	LIMESTONE STEP STONES: 1" THICK LIMESTONE SLABS; MORTAR SET. COLOR: LEUDERS GRAY (LRV: ±35).	
P.7	3/8" SCREEN PEA GRAVEL; 2" THICK OVER COMPACTED SUB-BASE. COLOR: TAN BLEND (LRV: ±35).	HD.1
P.8	LAWN AND PEA GRAVEL BORDER: 3/8"x6" METAL EDGE.	HD.1
P.9	POOL COPING: 2" THICK EASED EDGE LIMESTONE TO MATCH ADJACENT HARDSCAPE. 16"x24"WITH FULL CORNER PIECES. (LRV: ±35).	
P.11	C.I.P. CONCRETE STEPS AT POOL TERRACE. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.12	C.I.P. CONCRETE STEPS AT GARDENS. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.13	C.I.P. CONCRETE STEPS AT LAWN. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.14	FLAGSTONE STEP STONES - 2" THICK FLAGSTONE STEP STONES, COLOR: CLASSIC OAK. MORTAR SET, RANDOM PATTERN, 4" MAX. OPEN JOINTS. (LRV: ±36).	HD.2

COLUMNS		SHEET
C.1	COLUMN AT GATED ENTRY: 24"x48" CMU COLUMN, WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
C.2	24"x24" CMU COLUMN WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
C.3	CMU MAILBOX - SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38).	HD.3
C.4	16"X16" CMU COLUMN WITH 2" LEUDERS GRAY LIMESTONE CAP. STUCCO & PAINT TO MATCH HOME. (LRV: SEE ARCHITECTURE).	HD.3

WALLS		SHEET
W.1	STONE ACCENT WALL: 8" CMU WALL WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
W.1B	STONE ACCENT RETAINING WALL: 8" CMU RETAINING WALL WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). 16" END WALL RETURN WHERE SHOWN. SEE PLAN FOR HEIGHT.	HD.3
W.2	CMU WALL, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
W.3	CMU RETAINING WALL, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
W.3B	CMU RETAINING WALL WITH LEUDERS GRAY LIMESTONE CAP, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
W.4	12" NEGATIVE EDGE TROUGH WALL WITH SANDY SHOALS RUBBLE STONE VENEER. SEE POOL PLAN AND DETAILS. (LRV: ±35).	HD.3

GATE SCHEDULE

					HT.	WIDTH	QT.	
G.1	DRIVE	DECORATIVE	DOUBLE	METAL	6'-0"	16'-0"	1	BLACK
G.2	PATH	GARDEN	SINGLE	WOOD	6'-0"	48"	1	
G.3	PATH	SHOWER	SINGLE	WOOD	48"	42"	1	
G.4	UTILITY	SOLID PANEL	SINGLE	METAL	VARIES	VARIES	3	BLACK
G.5	ENTRY	DECORATIVE	SINGLE	WOOD	5'-6"	5'-0"	1	

AMENITIES		SHEET
A.1	RAISED VEGGIE GARDEN BEDS - CMU WITH SANDY SHOALS RUBBLE STONE VENEER. (LRV: ±35).	HD.5
A.2	ROUND FIREPIT WITH SANDY SHOALS RUBBLE STONE VENEER. (LRV: ±35).	HD.5
A.3	OUTDOOR SHOWER.	HD.5
A.4	IN GROUND LIMESTONE WATER FEATURE.	HD.5
A.5	STONE TROUGH WATER FEATURE - BACK GARDEN.	HD.5
A.6	STONE FIREPLACE.	HD.6
A.7	STONE TROUGH WATER FEATURE - GUEST CASITA.	HD.7
A.8	POOL STORAGE SHED - BY ARCHITECT.	
A.9	BBQ - BY ARCHITECT.	
A.10	FIREPLACE - BY ARCHITECT.	

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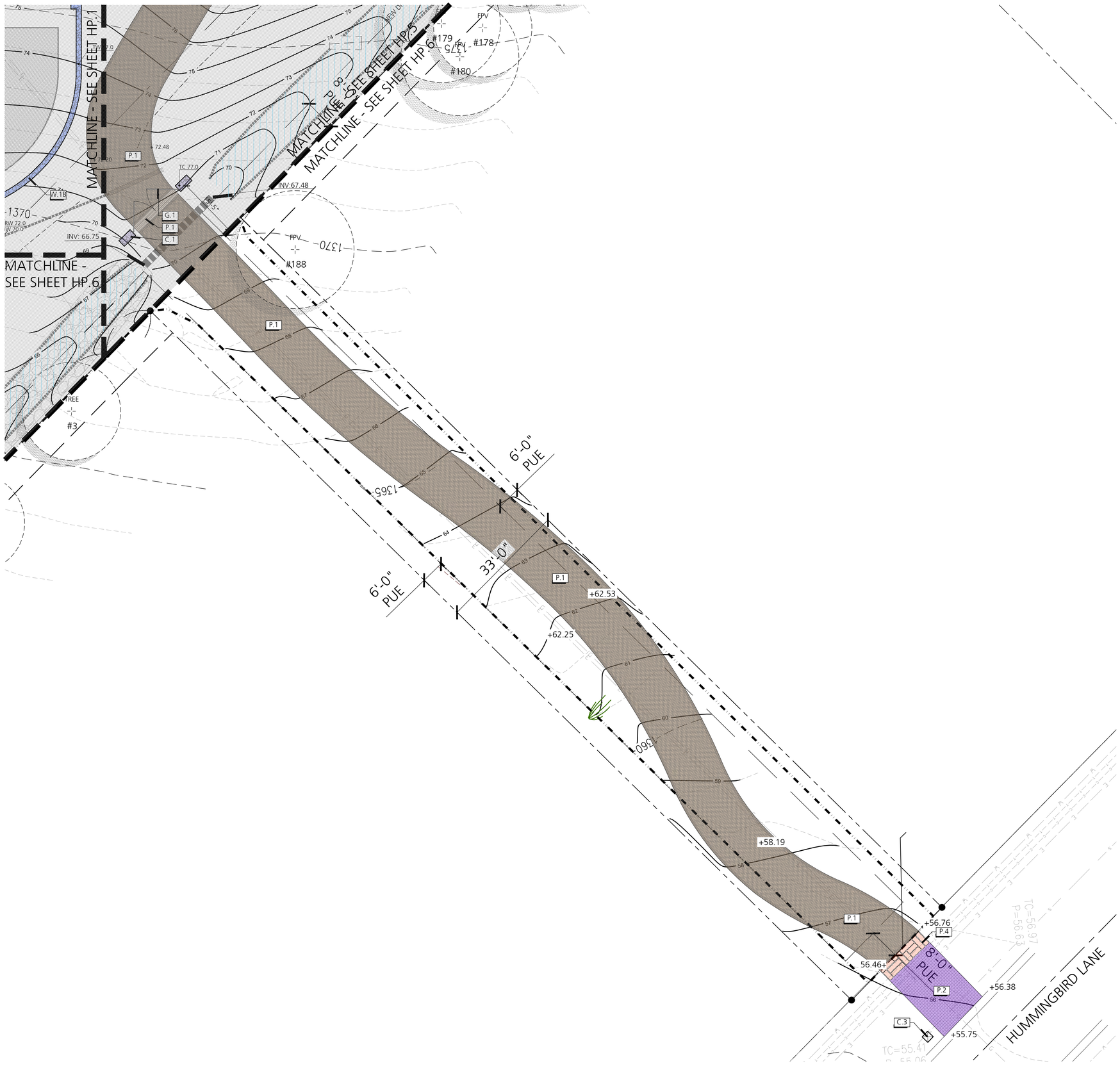
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HARDSCAPE PLAN

DECEMBER 12. 2025



HARDSCAPE LEGEND

PAVING / STEPS		SHEET
P.1	DRIVEWAY: 4"x8"CONCRETE PAVERS, SAND SET OVER ABC BASE. PATTERN:HERRINGBONE. BORDER: TRIPLE BAND 4" x8" CONCRETE PAVER, LAID THIN SIDE UP, END TO END, MORTAR SET. TRIPLE ROW COURSING AT GATE ENTRY, SEE PLAN. COLOR: CHARCOAL (LRV: ±20).	HD.1
P.2	DRIVEWAY: 6"x6"x2" BLUESTONE COBBLE, SAND SET. MORTAR SET EDGE PIECES. PATTERN: STACKED. (LRV: ±35).	HD.1
P.3	AUTOCOURT: 6"x6"x2" BLUESTONE COBBLE, SAND SET. PATTERN: STACKED. BORDER: TRIPLE BAND 6"x6"x2" BLENDED COBBLE TO MATCH P.2, MORTAR SET. (LRV: ±35).	HD.1
P.4	DRIVEWAY COURSING AT STREET ENTRY: 6" THICK STONE PLANKS, MORTAR SET. SIZE:VARIES. PATTERN: RANDOM. (LRV: ±35).	HD.1
P.5	6" THICK STONE PLANKS 'STEP STONES' - MORTAR SET. SIZE: VARIES. (LRV: ±35).	HD.1
P.6	LIMESTONE PAVING: 1" THICK LIMESTONE PAVING; BUTT JOINTS; MORTAR SET OVER CONCRETE BASE. 2" THICK LIMESTONE EDGE AT RAISED PATIOS. PATTERN: RUNNINGBOND. SIZE: 16"x24. COLOR: LEUDERS GRAY (LRV: ±35).	HD.1
P.6B	LIMESTONE STEP STONES: 1" THICK LIMESTONE SLABS; MORTAR SET. COLOR: LEUDERS GRAY (LRV: ±35).	
P.7	3/8" SCREEN PEA GRAVEL; 2" THICK OVER COMPACTED SUB-BASE. COLOR: TAN BLEND (LRV: ±35).	HD.1
P.8	LAWN AND PEA GRAVEL BORDER: 3/8"x6" METAL EDGE.	HD.1
P.9	POOL COPING: 2" THICK EASED EDGE LIMESTONE TO MATCH ADJACENT HARDSCAPE. 16"x24"WITH FULL CORNER PIECES. (LRV: ±35).	
P.11	C.I.P. CONCRETE STEPS AT POOL TERRACE. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.12	C.I.P. CONCRETE STEPS AT GARDENS. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.13	C.I.P. CONCRETE STEPS AT LAWN. LIMESTONE VENEER TO MATCH ADJACENT HARDSCAPE. (LRV: ±35).	HD.2
P.14	FLAGSTONE STEP STONES - 2" THICK FLAGSTONE STEP STONES, COLOR: CLASSIC OAK. MORTAR SET, RANDOM PATTERN, 4" MAX. OPEN JOINTS. (LRV: ±36).	HD.2

COLUMNS		SHEET
C.1	COLUMN AT GATED ENTRY: 24"x48" CMU COLUMN, WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
C.2	24"x24" CMU COLUMN WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
C.3	CMU MAILBOX - SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38).	HD.3
C.4	16"X16" CMU COLUMN WITH 2" LEUDERS GRAY LIMESTONE CAP. STUCCO & PAINT TO MATCH HOME. (LRV: SEE ARCHITECTURE).	HD.3

WALLS		
W.1	STONE ACCENT WALL: 8" CMU WALL WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). SEE PLAN FOR HEIGHT.	HD.3
W.1B	STONE ACCENT RETAINING WALL: 8" CMU RETAINING WALL WITH SANDY SHOALS RUBBLE STONE VENEER (LRV: ±38). 16" END WALL RETURN WHERE SHOWN. SEE PLAN FOR HEIGHT.	HD.3
W.2	CMU WALL, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
W.3	CMU RETAINING WALL, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
W.3B	CMU RETAINING WALL WITH LEUDERS GRAY LIMESTONE CAP, STUCCO AND PAINT TO MATCH HOME. SEE PLAN FOR HEIGHT. (LRV: SEE ARCHITECTURE).	HD.3
W.4	12" NEGATIVE EDGE TROUGH WALL WITH SANDY SHOALS RUBBLE STONE VENEER. SEE POOL PLAN AND DETAILS. (LRV: ±35).	HD.3

GATE SCHEDULE

					HT.	WIDTH	QT.	
G.1	DRIVE	DECORATIVE	DOUBLE	METAL	6'-0"	16'-0"	1	BLACK
G.2	PATH	GARDEN	SINGLE	WOOD	6'-0"	48"	1	
G.3	PATH	SHOWER	SINGLE	WOOD	48"	42"	1	
G.4	UTILITY	SOLID PANEL	SINGLE	METAL	VARIES	VARIES	3	BLACK
G.5	ENTRY	DECORATIVE	SINGLE	WOOD	5'-6"	5'-0"	1	

AMENITIES		SHEET
A.1	RAISED VEGGIE GARDEN BEDS - CMU WITH SANDY SHOALS RUBBLE STONE VENEER. (LRV: ±35).	HD.5
A.2	ROUND FIREPIT WITH SANDY SHOALS RUBBLE STONE VENEER. (LRV: ±35).	HD.5
A.3	OUTDOOR SHOWER.	HD.5
A.4	IN GROUND LIMESTONE WATER FEATURE.	HD.5
A.5	STONE TROUGH WATER FEATURE - BACK GARDEN.	HD.5
A.6	STONE FIREPLACE.	HD.6
A.7	STONE TROUGH WATER FEATURE - GUEST CASITA.	HD.7
A.8	POOL STORAGE SHED - BY ARCHITECT.	
A.9	BBQ - BY ARCHITECT.	
A.10	FIREPLACE - BY ARCHITECT.	

0' 10' 20' 30'

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STOLESON RESIDENCE

6519 EAST HUMMINGBIRD LANE
PARADISE VALLEY, ARIZONA 85253

TOWN SUBMITTAL

HP.6

HARDSCAPE PLAN

DECEMBER 12. 2025



CONCRETE PAVER (LRV: ±24)



COBBLESTONE (LRV:±28)



COBBLESTONE (LRV:±28)



PEA GRAVEL (LRV::±35)



STONE (LRV:±35)



STONE VENEER (LRV:±38)



STEP STONES (LRV:±36)

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TOWN SUBMITTAL

MATERIALS

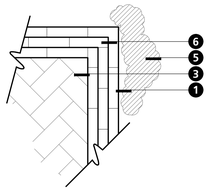
DECEMBER 12. 2025

LEGEND

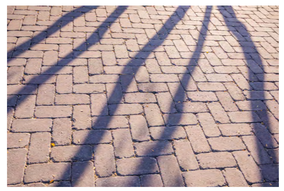
1. TRIPLE ROW 4"x 8" CONCRETE PAVER; THIN SIDE UP, END TO END; ¼" GROUT JOINTS.
2. THICK-SET MORTAR BED.
3. 4"x 8" CONCRETE PAVER IN HERRINGBONE PATTERN; SAND SET; BUTT JOINTS.
4. COMPACTED SUBGRADE.
5. ADJACENT PLANTING AREA.
6. PROVIDE FULL SIZE BRICK PIECES AT CORNERS.
7. 4" COMPACTED ABC BASE.
8. 1" SAND SETTING BED/LEVELING COURSE.

NOTES

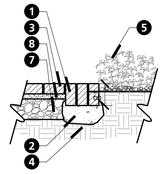
A. REFER TO CONSTRUCTION PLAN FOR COLORS, TYPES, AND FINISHES.
B. PAVING CONTRACTOR TO PROVIDE STONE SAMPLE FOR APPROVAL.



PLAN



CHARACTER IMAGE



SECTION

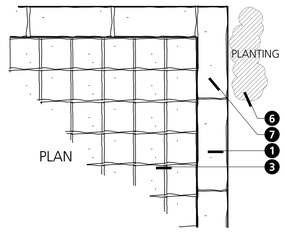
P.1 DRIVEWAY PAVING: 4"x 8" CONCRETE PAVERS
1"=1'-0"

LEGEND

1. FLUSH COBBLE BAND; MORTAR SET; ½" MAX. GROUT JOINTS.
2. SAND SETTING BED/LEVELING COURSE (4" MIN. DEPTH); MIXED W/ POLYMERIC AGENT, BRUSHED/WASHED INTO JOINTS.
3. 6"x 6"x 2"H COBBLE; BUTT JOINTS.
4. COMPACTED SUB-GRADE.
5. 4" COMPACTED ABC BASE.
6. ADJACENT PLANTING AREA.
7. PROVIDE FULL SIZE COBBLE PIECES AT CORNERS - AS SHOWN.

NOTES

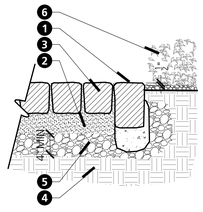
A. REFER TO CONSTRUCTION PLAN FOR COLORS, TYPES, AND FINISHES.
B. PAVING CONTRACTOR TO PROVIDE STONE SAMPLE FOR APPROVAL.



PLAN



CHARACTER IMAGE



SECTION

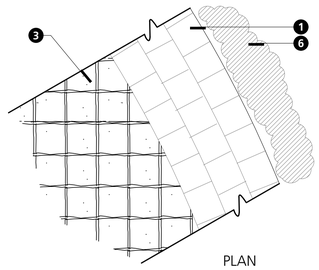
P.2 DRIVEWAY: 6"6"x2" BLUESTONE COBBLE
1"=1'-0"

LEGEND

1. TRIPLE ROW FLUSH COBBLE BAND; MORTAR SET; ¼" MAX. GROUT JOINTS.
2. SAND SETTING BED/LEVELING COURSE (4" MIN. DEPTH); MIXED W/ POLYMERIC AGENT, BRUSHED/WASHED INTO JOINTS.
3. 6"x 6"x 2"H COBBLE; BUTT JOINTS.
4. COMPACTED SUB-GRADE.
5. 4" COMPACTED ABC BASE.
6. ADJACENT PLANTING AREA.
7. PROVIDE FULL SIZE COBBLE PIECES AT CORNERS - AS SHOWN.

NOTES

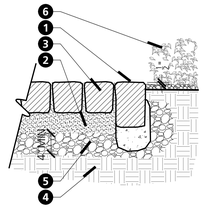
A. REFER TO CONSTRUCTION PLAN FOR COLORS, TYPES, AND FINISHES.
B. PAVING CONTRACTOR TO PROVIDE STONE SAMPLE FOR APPROVAL.



PLAN



CHARACTER IMAGE



SECTION

P.3 AUTO COURT: 6"6"x2" BLUESTONE COBBLE
1"=1'-0"

LEGEND

1. 2" THICK RANDOM SIZED STONE PAVING; 16"x 16" MIN, 32"x 32" MAX.
2. ADJACENT PAVING SET FLUSH W/ STEP STONES.
3. 6"- 8" LAWN OR PLANTING IN BETWEEN JOINTS - PER PLAN; SET 1"- 2" BELOW TOP OF PAVING.
4. COMPACTED SUBGRADE.
5. IRREGULAR EDGE AT ADJACENT PAVING W/ LARGE FULL-SIZE PIECES - NO CUT PIECES.
6. 2"- 4" THICK LAWN/PLANTING SOIL INSET INTO JOINTS.
7. THICK-SET MORTAR BED.
8. 2"- 3" MAX. OPEN JOINTS W/ D.G. IN BETWEEN.

NOTES

A. REFER TO CONSTRUCTION PLAN FOR ALL COLORS, TYPES, AND FINISHES.
B. PAVING CONTRACTOR TO PROVIDE STONE SAMPLE FOR APPROVAL.

STONE SIZES

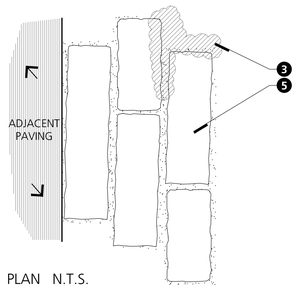
STONE 1 - 24"x 6'-0"
STONE 2 - 24"x 48"

SEE PLAN FOR CUSTOM STONE CUTS

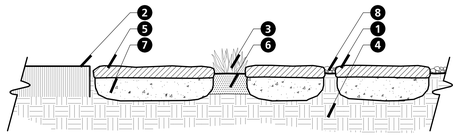
SEE PLAN FOR LAYOUT



CHARACTER IMAGE



PLAN N.T.S.



SECTION

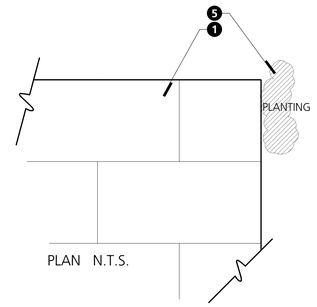
P.4, P.5 6" THICK STONE PLANKS
1"=1'-0"

LEGEND

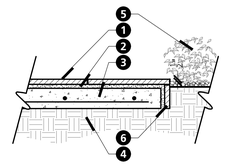
1. 16"x 24" TILE PAVING IN RUNNINGBOND PATTERN; BUTT JOINTS.
2. MORTAR BED.
3. 4" REINFORCED CONC. SUBBASE W/ ½" E.J. BETWEEN POURS.
4. COMPACTED SUBGRADE.
5. ADJACENT PLANTING AREA.
6. ADD TILE TURNDOWN ALONG EXPOSED SIDES OF CONCRETE BASE AS NEEDED.

NOTES

A. CONCRETE AND REINFORCEMENT ARE SHOWN FOR BID PURPOSES ONLY.
B. CONTRACTOR SHALL REFER TO STRUCTURAL ENGINEER AND SOILS ENGINEER REPORTS FOR ALL REINFORCING AND CONNECTION REQUIREMENTS.
C. REFER TO CONSTRUCTION PLAN FOR COLORS, TYPES, AND FINISHES.
D. PAVING CONTRACTOR TO PROVIDE STONE SAMPLE FOR APPROVAL.



PLAN N.T.S.



SECTION

P.6 LIMESTONE PAVING
1"=1'-0"



CHARACTER IMAGE

P.7 / 8 PEA GRAVEL & STEEL HEADER
N.T.S.

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HD.1

HARDSCAPE DETAILS

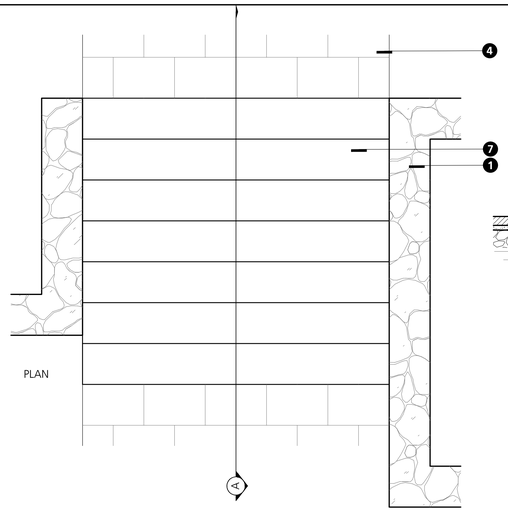
DECEMBER 12. 2025

LEGEND

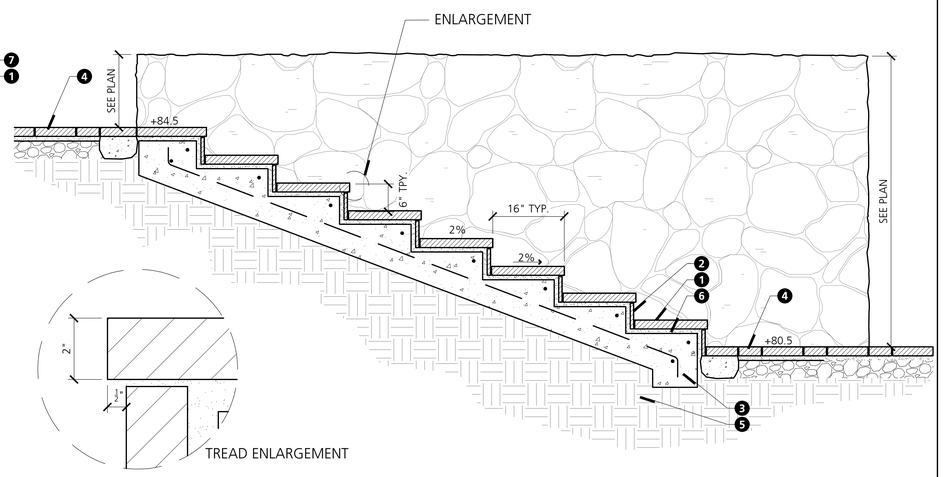
1. 2" THICK STONE TREAD, SET END TO END WITH ¼" MAX. GROUT JOINTS, ½" OVERHANG.
2. ¾" THICK STONE RISER ON ALL EXPOSED SIDES. LAID SIDE BY SIDE, MORTAR SET, ¼" MAX. ALTERNATING GROUT JOINTS.
3. C.I.P. REINFORCED CONC. STEPS PER ENGINEER; PROVIDE ½" E.J. BETWEEN POURS.
4. ADJACENT PAVING PER PLAN.
5. COMPACTED SUB-GRADE.
6. MORTAR BED.
7. ADJACENT CMU COLUMNS AND WALLS WITH UPPER DC RANCH STONE VENEER.

NOTES

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B. CONTRACTOR SHALL REFER TO STRUCTURAL ENGINEER AND SOILS ENGINEER REPORTS FOR ALL REINFORCING AND CONNECTION REQUIREMENTS.
C. REFER TO CONSTRUCTION PLAN FOR ALL COLORS, TYPES, AND FINISHES.
D. PAVING CONTRACTOR TO PROVIDE STONE SAMPLE FOR APPROVAL.



SECTION "A"ENLARGEMENT - N.T.S.



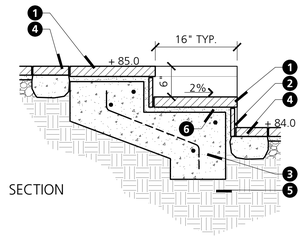
P.11 STEPS AT POOL
1/2"=1'-0"

LEGEND

1. 2" THICK STONE TREAD, SET END TO END WITH ¼" MAX. GROUT JOINTS, ½" OVERHANG.
2. ¾" THICK STONE RISER ON ALL EXPOSED SIDES. LAID SIDE BY SIDE, MORTAR SET, ¼" MAX. ALTERNATING GROUT JOINTS.
3. C.I.P. REINFORCED CONC. STEPS PER ENGINEER; PROVIDE ½" E.J. BETWEEN POURS.
4. ADJACENT PAVING PER PLAN.
5. COMPACTED SUB-GRADE.
6. MORTAR BED.

NOTES

A. CONCRETE AND REINFORCEMENT ARE SHOWN FOR BID PURPOSES ONLY.
B. CONTRACTOR SHALL REFER TO STRUCTURAL ENGINEER AND SOILS ENGINEER REPORTS FOR ALL REINFORCING AND CONNECTION REQUIREMENTS.
C. REFER TO CONSTRUCTION PLAN FOR ALL COLORS, TYPES, AND FINISHES.
D. PAVING CONTRACTOR TO PROVIDE STONE SAMPLE FOR APPROVAL.



SECTION

P.12 STEPS AT GARDENS
1"=1'-0"

LEGEND

1. 2" THICK STONE TREAD, SET END TO END WITH ¼" MAX. GROUT JOINTS, ½" OVERHANG.
2. ¾" THICK STONE RISER ON ALL EXPOSED SIDES. LAID SIDE BY SIDE, MORTAR SET, ¼" MAX. ALTERNATING GROUT JOINTS.
3. C.I.P. REINFORCED CONC. STEPS PER ENGINEER; PROVIDE ½" E.J. BETWEEN POURS.
4. ADJACENT PAVING PER PLAN.
5. COMPACTED SUB-GRADE.
6. MORTAR BED.
7. ADJACENT CMU COLUMNS AND WALLS WITH SANDY SHOALS RUBBLE STONE VENEER.

NOTES

A. CONCRETE AND REINFORCEMENT ARE SHOWN FOR BID PURPOSES ONLY.
B. CONTRACTOR SHALL REFER TO STRUCTURAL ENGINEER AND SOILS ENGINEER REPORTS FOR ALL REINFORCING AND CONNECTION REQUIREMENTS.
C. REFER TO CONSTRUCTION PLAN FOR ALL COLORS, TYPES, AND FINISHES.
D. PAVING CONTRACTOR TO PROVIDE STONE SAMPLE FOR APPROVAL.

SECTION - NTS

P.13 STEPS AT LAWN
1/2"=1'-0"

LEGEND

1. 2" THICK RANDOM SIZED STONE PAVING; 16"x 16" MIN, 32"x 32" MAX.
2. ADJACENT LAWN SET FLUSH W/ STEP STONES.
3. 6"- 8" PLANTING IN BETWEEN JOINTS - PER PLAN; SET 1"- 2" BELOW TOP OF PAVING.
4. COMPACTED SUB-GRADE.
5. THICK-SET MORTAR BED.
6. MULCH BETWEEN JOINTS WITH NO PLANTING.

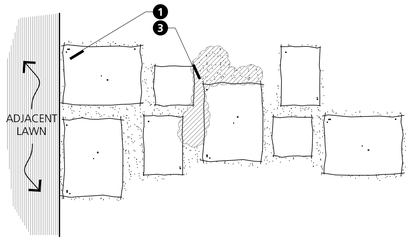
NOTES

A. REFER TO CONSTRUCTION PLAN FOR ALL COLORS, TYPES, AND FINISHES.
B. PAVING CONTRACTOR TO PROVIDE STONE SAMPLE FOR APPROVAL.

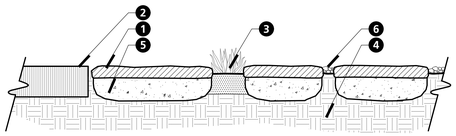
STONE SIZES

STONE 1 - 16"x 16"
STONE 2 - 16"x 24"
STONE 3 - 24"x 32"
STONE 4 - 32"x 32"

SEE PLAN FOR LAYOUT



PLAN N.T.S.



SECTION



CHARACTER IMAGE

P.14 FLAGSTONE STEP STONES
1"=1'-0"

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HD.2
HARDSCAPE DETAILS

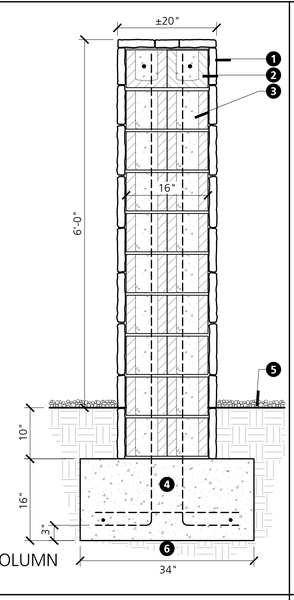
DECEMBER 12. 2025

LEGEND

1. +/- 4" THICK STONE VENEER.
2. 8" BOND BEAM W/ (1) #5 CONTINUOUS. (TIED).
3. 8" CMU BLOCK W/ (1) #5 EACH CORNER VERTICAL. GROUT SOLID.
4. CONC. FOOTING W/ (2) #4 CONTINUOUS.
5. FINISH GRADE; SLOPE AWAY FROM COLUMN.
6. 95% COMPACTED SUBGRADE.
7. ADJACENT WALL, REF. W.3.

NOTES

A. REFER TO HARDSCAPE PLAN FOR COLUMN & WALL ELEVATIONS.
B. CONCRETE & REINFORCEMENT SHOWN FOR BID PURPOSES ONLY.

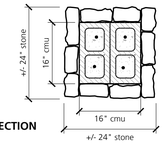


SECTION

C.1 24"X48"CMU ENTRY COLUMN
1"=1'-0"

LEGEND

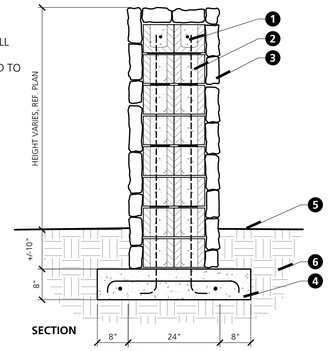
1. 8" BOND BEAM WITH (1) #5 CONTINUOUS (TIED).
2. 8" CMU WITH (1) #5 EACH CORNER VERTICAL. GROUT SOLID.
3. +/- 4" THICK STONE VENEER.
4. CONC. FOOTING WITH (2) #4 CONTINUOUS.
5. FINISHED GRADE. SLOPE AWAY FROM STRUCTURE.
6. 95% COMPACTED SUB-GRADE.



TOP SECTION

NOTES

A. REFER TO CONSTRUCTION PLAN FOR COLORS, TYPES, & FINISHES.
B. REFER TO HARDSCAPE PLANS FOR WALL ELEVATIONS.
C. ALL REINFORCEMENT TO BE APPROVED TO STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION.
D. SLOPE ALL CAPS TO DRAIN.



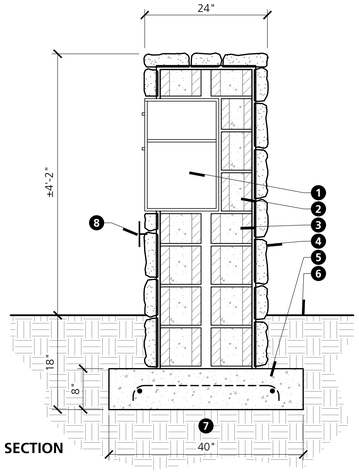
CHARACTER

SECTION

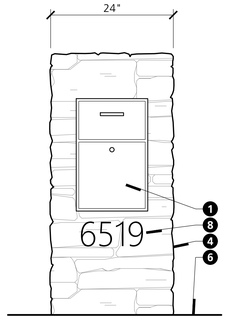
C.2 24"x24" CMU COLUMN W/ STONE VENEER
3/4"=1'-0"

LEGEND

1. USPS APPROVED PARCEL/MAIL DROP BOX.
2. 6" CMU BLOCK W/ HOLLOW CELLS.
3. 8" CMU BLOCK W/ HOLLOW CELLS.
4. STONE VENEER.
5. CONCRETE FOOTING W/ (2) #4 CONTINUOUS.
6. FINISH GRADE; SLOPE AWAY FROM COLUMN.
7. 95% COMPACTED SUBGRADE.
8. ADDRESS MARKER W/ METAL NUMBERS.



SECTION



ELEVATION

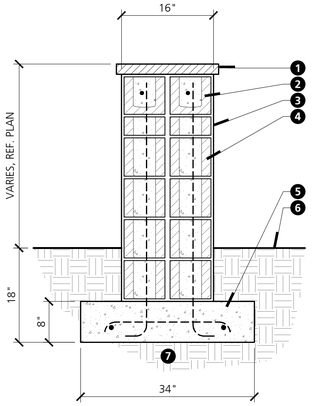
C.3 CMU MAILBOX COLUMN W/ STONE VENEER
1"=1'-0"

LEGEND

1. 2" THICK LIMESTONE CAP.
2. 8" BOND BEAM W/ (1) #5 CONTINUOUS. (TIED).
3. STUCCO & PAINT TO MATCH HOME.
4. 8" CMU BLOCK W/ (1) #5 EACH CORNER VERTICAL. GROUT SOLID.
5. CONCRETE FOOTING W/ (2) #4 CONTINUOUS.
6. FINISH GRADE; SLOPE AWAY FROM COLUMN.
7. 95% COMPACTED SUBGRADE.

NOTES

A. REFER TO CONSTRUCTION PLAN FOR COLORS, TYPES, & FINISHES.
B. REFER TO HARDSCAPE PLANS FOR WALL ELEVATIONS.
C. ALL REINFORCEMENT TO BE APPROVED TO STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION.
D. SLOPE ALL CAPS TO DRAIN.



SECTION

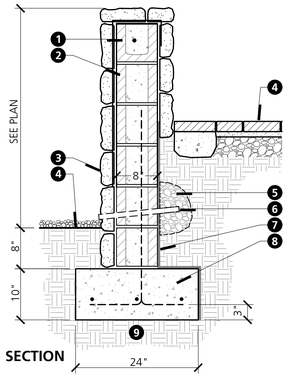
C.4 CMU COLUMN W/ LIMESTONE CAP
1"=1'-0"

LEGEND

1. 8" BOND BEAM W/ (1) #4 CONTINUOUS IN SOLID GROUT (TIED).
2. 8" CMU BLOCK W/ (1) #4 @ 24" O.C.
3. +/- 4" THICK STONE VENEER.
4. FINISH GRADE, SLOPE AWAY FROM WALL.
5. ABC SUMP COVERED W/ FILTER FABRIC.
6. 1" DIA. WEEP @ 6' O.C.
7. WATERPROOF BACK FILLED SIDE OF WALL.
8. CONCRETE FOOTING W/ (3) #4 CONTINUOUS.
9. COMPACTED SUB-GRADE.

NOTES

A. REFER TO CONSTRUCTION PLAN FOR COLORS, TYPES, & FINISHES.
B. REFER TO HARDSCAPE PLANS FOR WALL ELEVATIONS.
C. ALL REINFORCEMENT TO BE APPROVED TO STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION.
D. SLOPE ALL CAPS TO DRAIN.



CHARACTER

SECTION

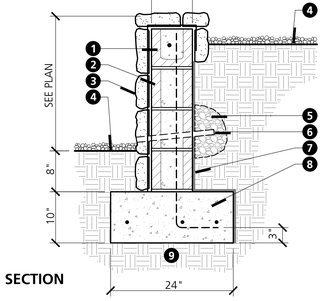
W.1 STONE ACCENT WALL
1"=1'-0"

LEGEND

1. 8" BOND BEAM W/ (1) #4 CONTINUOUS IN SOLID GROUT (TIED).
2. 8" CMU BLOCK W/ (1) #4 @ 24" O.C.
3. 4" - 6" DRY STACK STONE VENEER (NO GROUT). EXTEND STONE TO FOOTING.
4. FINISH GRADE, SLOPE AWAY FROM WALL.
5. ABC SUMP COVERED W/ FILTER FABRIC.
6. 1" DIA. WEEP @ 6' O.C.
7. WATERPROOF BACK FILLED SIDE OF WALL.
8. CONCRETE FOOTING W/ (3) #4 CONTINUOUS.
9. COMPACTED SUBGRADE.

NOTES

A. REFER TO HARDSCAPE PLAN FOR WALL ELEVATIONS.



SECTION

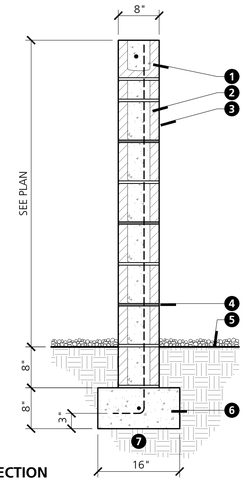
W.1B STONE ACCENT RETAINING WALL
1"=1'-0"

LEGEND

1. 8" BOND BEAM W/ (1) #4 CONTINUOUS IN SOLID GROUT (TIED).
2. 8" CMU BLOCK W/ (1) #4 @ 48" O.C.
3. STUCCO & PAINT TO MATCH HOME.
4. 9 GA LADDER @ 16" O.C.
5. FINISH GRADE, SLOPE AWAY FROM WALL.
6. CONCRETE FOOTING W/ (1) #4 CONTINUOUS.
7. COMPACTED SUBGRADE.

NOTES

A. REFER TO HARDSCAPE PLAN FOR WALL ELEVATIONS.



SECTION

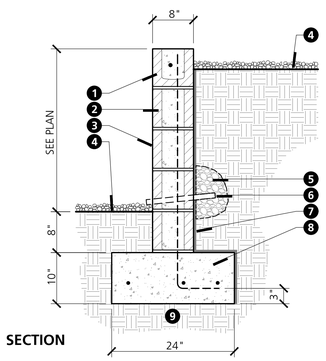
W.2 CMU WALL W/ STUCCO & PAINT
1"=1'-0"

LEGEND

1. 8" BOND BEAM W/ (1) #4 CONTINUOUS IN SOLID GROUT (TIED).
2. 8" CMU BLOCK W/ (1) #4 @ 24" O.C.
3. STUCCO & PAINT TO MATCH HOME.
4. FINISH GRADE, SLOPE AWAY FROM WALL.
5. ABC SUMP COVERED W/ FILTER FABRIC.
6. 1" DIA. WEEP @ 6' O.C.
7. WATERPROOF BACK FILLED SIDE OF WALL.
8. CONCRETE FOOTING W/ (3) #4 CONTINUOUS.
9. COMPACTED SUBGRADE.

NOTES

A. REFER TO HARDSCAPE PLAN FOR WALL ELEVATIONS.



SECTION

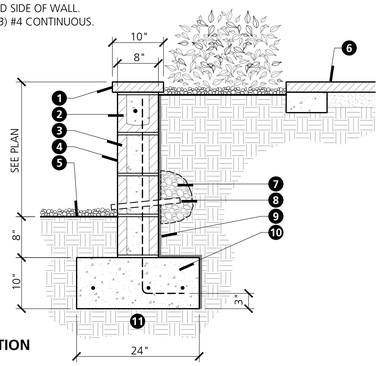
W.3 CMU RETAINING WALL W/ STUCCO & PAINT
1"=1'-0"

LEGEND

1. 2" THICK WALL CAP TO MATCH ADJACENT HARDSCAPE.
2. 8" BOND BEAM W/ (1) #4 CONTINUOUS IN SOLID GROUT (TIED).
3. 8" CMU BLOCK W/ (1) #4 @ 24" O.C.
4. STUCCO & PAINT TO MATCH HOME.
5. FINISH GRADE, SLOPE AWAY FROM WALL.
6. ADJACENT HARDSCAPE PER PLAN.
7. ABC SUMP COVERED W/ FILTER FABRIC.
8. 1" DIA. WEEP @ 6' O.C.
9. WATERPROOF BACK FILLED SIDE OF WALL.
10. CONCRETE FOOTING W/ (3) #4 CONTINUOUS.
11. COMPACTED SUBGRADE.

NOTES

A. REFER TO HARDSCAPE PLAN FOR WALL ELEVATIONS.



SECTION

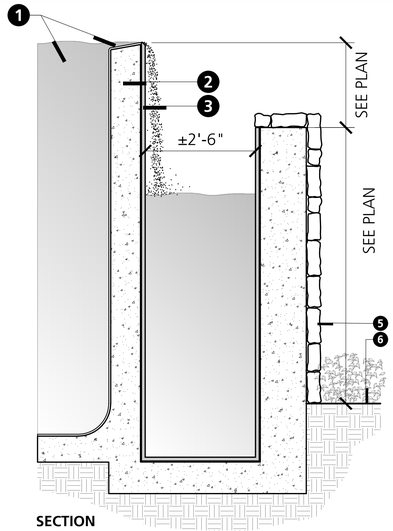
W.3B CMU RETAINING WALL W/ LIMESTONE CAP
1"=1'-0"

LEGEND

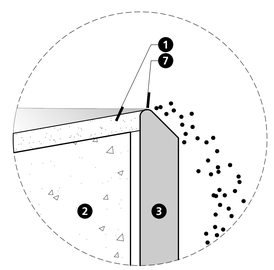
1. GRAY FINEST FINISH POOL INTERIOR. EXACT COLOR TO BE PROVIDED BY POOL CONTRACTOR.
2. SHOTCRETE POOL WALL W/ WATER TROUGH RESERVOIR PER POOL BUILDER.
3. GRAY PORCELAIN VENEER.
4. COMPACTED SUB-GRADE.
5. SANDY SHOALS RUBBLE STONE VENEER
6. FINISH GRADE; SLOPE AWAY FROM WALL.
7. PORCELAIN SURFACE BULLNOSE EDGE.

NOTES

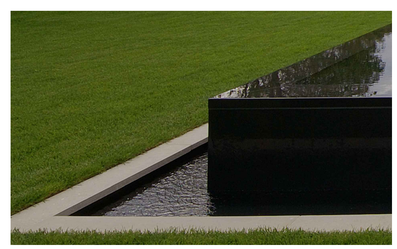
A. DETAIL PROVIDED FOR BID PURPOSES ONLY. ALL POOL DETAILS FOR CONSTRUCTION TO BE PROVIDED BY POOL CONTRACTOR.
B. ALL MEASUREMENTS ARE APPROXIMATE.
C. REFER TO ENGINEER'S PLANS FOR RETAINING WALL AND FOOTING SPECIFICATIONS.



SECTION



ENLARGEMENT



CHARACTER IMAGE

W.4 12" NEGATIVE TROUGH WALL
3/4"=1'-0"

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HD.3

HARDSCAPE DETAILS

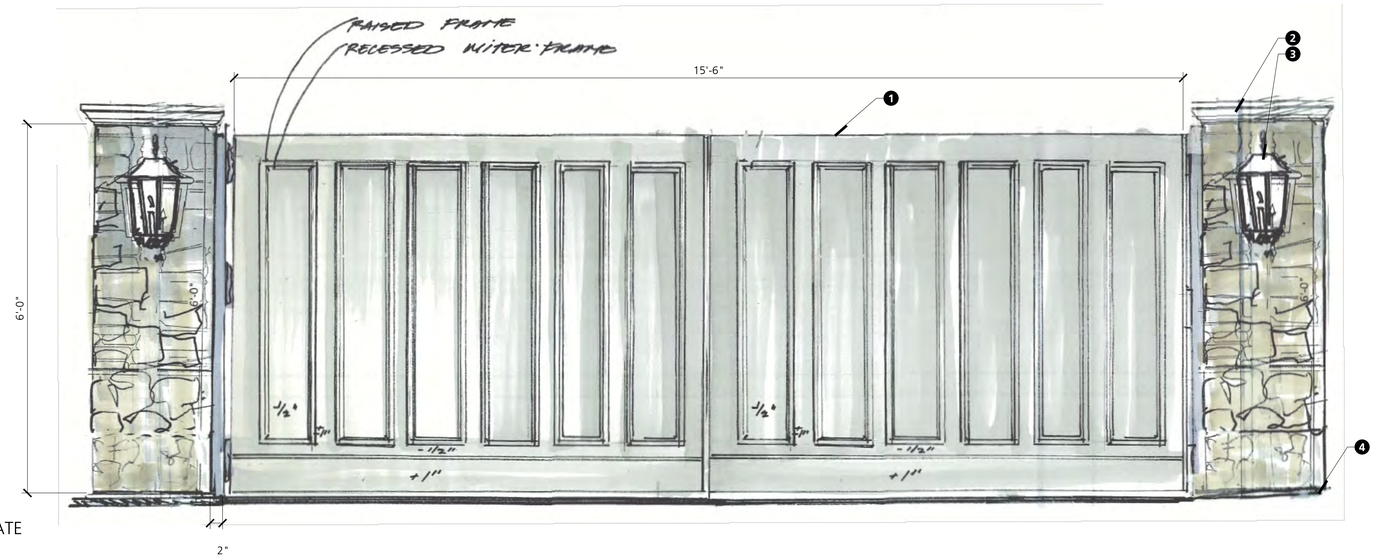
DECEMBER 12. 2025

LEGEND

1. BI-PARTING METAL VEHICULAR GATE. POWDER COAT MATTE BLACK.
2. ADJACENT CMU COLUMN SEE C.1 .
3. GAS LANTERN.
4. FINISH GRADE.

NOTES

A. CONTRACTOR SHALL PREPARE SHOP DRAWINGS CLEARLY DEMONSTRATING UNDERSTANDING OF DESIGN INTENT PRIOR TO FABRICATION.
B. ALL WELDS SHALL BE GROUND.



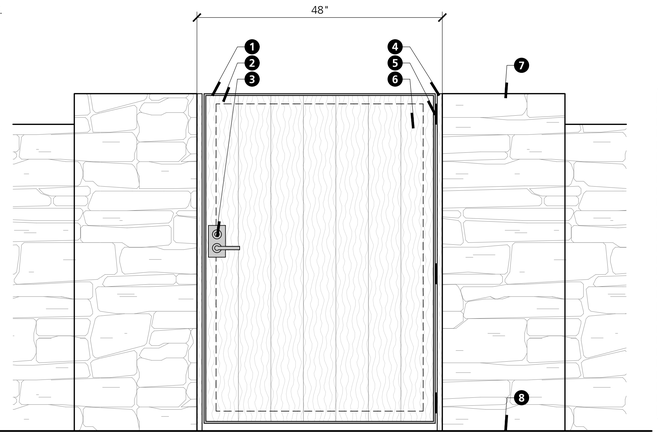
G.1 15' WIDE DRIVEWAY GATE
1"=1'-0"

LEGEND

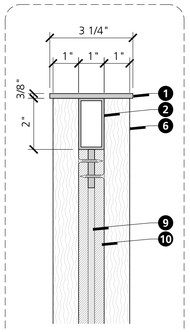
1. 3/8" THICK STEEL PLATE ON ALL FOUR SIDES. 1/8" OVERHANG. PAINT MATTE BLACK.
2. 1" x 2" INTERIOR METAL FRAME.
3. METAL HANDLE.
4. 1" x 4" WOOD JAMBS.
5. IRON HINGES & HARDWARE.
6. 1" x 8" T&G WOOD PLANKS. STAIN COLOR TBD. ATTACH TO BOTH FRONT & BACK OF INTERIOR FRAME.
7. ADJACENT COLUMN PER HARDSCAPE PLAN.
8. FINISH GRADE.
9. 1/4" x 1" INTERIOR METAL SUPPORT PLATE.
10. 3/8" MARINE GRADE PLY.

NOTES

A. GATE CONTRACTOR TO PROVIDE SHOP DRAWINGS & VERIFY ALL EXISTING CONDITIONS / DIMENSIONS.
B. GATE CONTRACTOR TO PROVIDE STAIN SAMPLES FOR APPROVAL.
C. REFER TO HARDSCAPE PLAN FOR COLUMN & WALL ELEVATIONS.
D. ALL WELDS SHALL BE GROUND.



ELEVATION



SIDE SECTION ENLARGEMENT - NTS

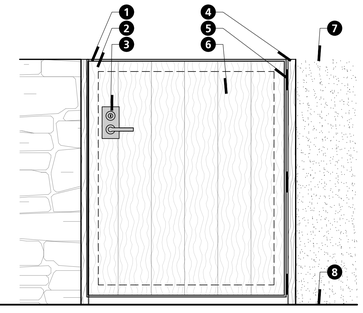
G.2 WOOD GARDEN GATE
1"=1'-0"

LEGEND

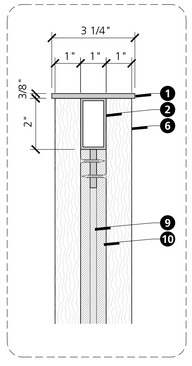
1. 3/8" THICK STEEL PLATE ON ALL FOUR SIDES. 1/8" OVERHANG. PAINT MATTE BLACK.
2. 1" x 2" INTERIOR METAL FRAME.
3. METAL HANDLE.
4. 1" x 4" WOOD JAMBS.
5. IRON HINGES & HARDWARE.
6. 1" x 8" T&G WOOD PLANKS. STAIN COLOR TBD. ATTACH TO BOTH FRONT & BACK OF INTERIOR FRAME.
7. ADJACENT HOUSE WALL
8. FINISH GRADE.
9. 1/4" x 1" INTERIOR METAL SUPPORT PLATE.
10. 3/8" MARINE GRADE PLY.

NOTES

A. GATE CONTRACTOR TO PROVIDE SHOP DRAWINGS & VERIFY ALL EXISTING CONDITIONS / DIMENSIONS.
B. GATE CONTRACTOR TO PROVIDE STAIN SAMPLES FOR APPROVAL.
C. REFER TO HARDSCAPE PLAN FOR COLUMN & WALL ELEVATIONS.
D. ALL WELDS SHALL BE GROUND.



ELEVATION



SIDE SECTION ENLARGEMENT - NTS

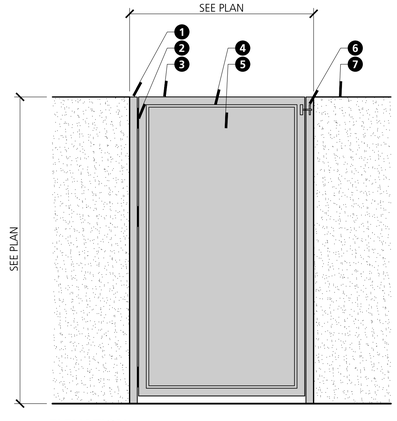
G.3 SHOWER WOOD GATE
1"=1'-0"

LEGEND

1. 1-1/2" x 1-1/2" x 1/8" TS JAMB.
2. 5/8" BARREL WELD - ON HINGES.
3. 1-1/2" x 1-1/2" x 1/8" TS FRAME.
4. 1/2" SQUARE BAR.
5. 12 GA. THICK METAL PANEL PAINTED TO MATCH ADJACENT WALL.
6. GRAVITY LATCH ON REVERSE SIDE.
7. ADJACENT WALL PER HARDSCAPE PLAN.
8. 3/8" ANCHOR.

NOTES

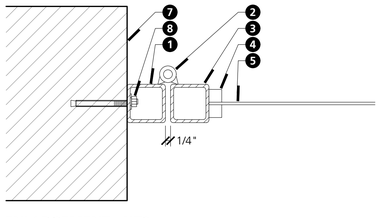
A. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK.
B. REFER TO HARDSCAPE PLAN FOR WALL ELEVATIONS.
C. PAINT METAL GATE TO MATCH ADJACENT WALLS.



ELEVATION



CHARACTER



ENLARGEMENT - NTS

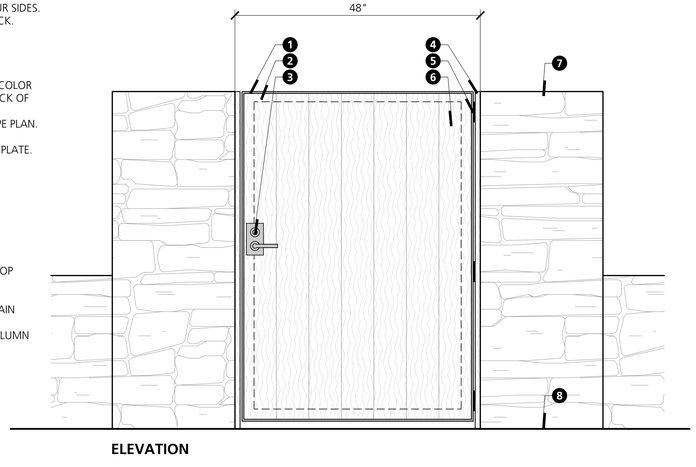
G.4 UTILITY SOLID PANEL GATE
1"=1'-0"

LEGEND

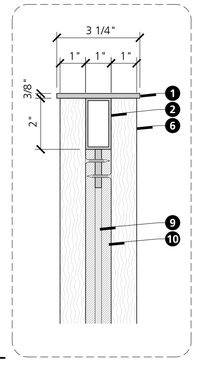
1. 3/8" THICK STEEL PLATE ON ALL FOUR SIDES. 1/8" OVERHANG. PAINT MATTE BLACK.
2. 1" x 2" INTERIOR METAL FRAME.
3. METAL HANDLE.
4. 1" x 4" WOOD JAMBS.
5. IRON HINGES & HARDWARE.
6. 1" x 8" T&G WOOD PLANKS. STAIN COLOR TBD. ATTACH TO BOTH FRONT & BACK OF INTERIOR FRAME.
7. ADJACENT COLUMN PER HARDSCAPE PLAN.
8. FINISH GRADE.
9. 1/4" x 1" INTERIOR METAL SUPPORT PLATE.
10. 3/8" MARINE GRADE PLY.

NOTES

A. GATE CONTRACTOR TO PROVIDE SHOP DRAWINGS & VERIFY ALL EXISTING CONDITIONS / DIMENSIONS.
B. GATE CONTRACTOR TO PROVIDE STAIN SAMPLES FOR APPROVAL.
C. REFER TO HARDSCAPE PLAN FOR COLUMN & WALL ELEVATIONS.
D. ALL WELDS SHALL BE GROUND.



ELEVATION



SIDE SECTION ENLARGEMENT - NTS

G.5 ENTRY GATE
1"=1'-0"

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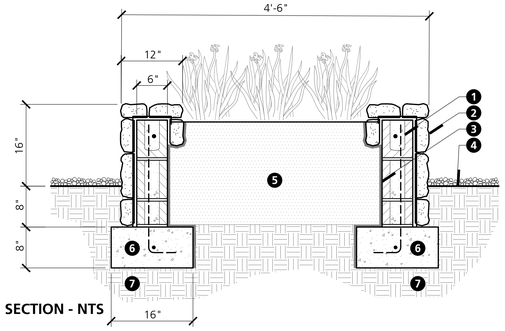
HD.4

HARDSCAPE DETAILS

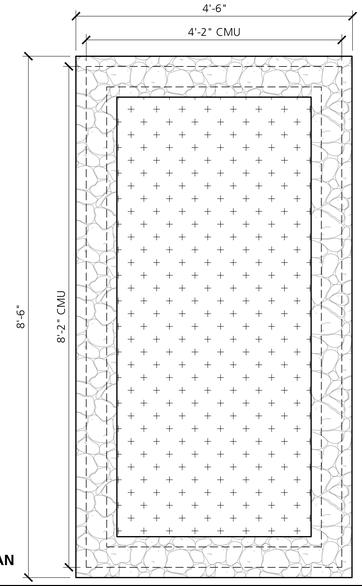
DECEMBER 12. 2025

LEGEND

1. 6" WIDE CMU GARDEN WALL.
2. SANDY SHOALS RUBBLE STONE VENEER (NO GROUT). EXTEND STONE TO FOOTING.
3. WATER PROOFING ON WALL INTERIOR. EXTEND TO FOOTING.
4. ADJACENT FINISH GRADE.
5. SPECIALTY GARDEN SOIL.
6. CONCRETE FOOTING W/ REINFORCEMENT.
7. COMPACTED SUBGRADE.



SECTION - NTS

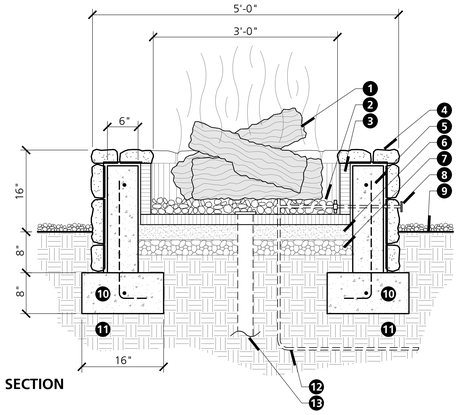


PLAN

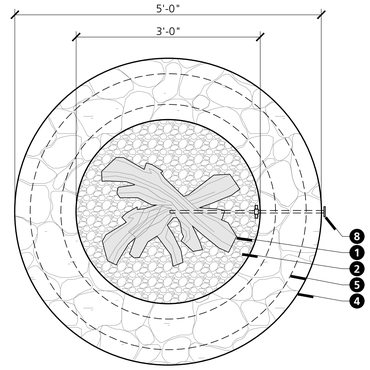
A.1 VEGGIE GARDEN W/ STONE VENEER
1"=1'-0"

LEGEND

1. OVERSIZE GAS FIRE LOG SETUP.
2. BOTTOM LINED W/ BLACK FEATHER ROCK.
3. INTERIOR FIREBRICK VENEER. LINE BOTTOM W/ SAND-SET BRICK IN CONCENTRIC RING OR RUNNING BOND PATTERN.
4. SANDY SHOALS RUBBLE STONE VENEER (NO GROUT). EXTEND STONE TO FOOTING.
5. 6" THICK C.I.P. CONCRETE WALL W/ REINFORCEMENT.
6. 3" DEEP SAND SETTING BED.
7. 3" DEEP ABC OVER COMPACTED SUBGRADE.
8. INSET GAS LINE KEY VALVE. LOCATE ON SIDE FACING AWAY FROM HOUSE. PROVIDE EXTRA LONG IGNITION KEY.
9. FINISH GRADE.
10. REINFORCED CONCRETE FOOTING.
11. COMPACTED SUBGRADE.
12. 3/4" NATURAL GAS LINE.
13. 3" METAL DRAINPIPE W/ METAL GRILL CAP AT OPENING.



SECTION



PLAN

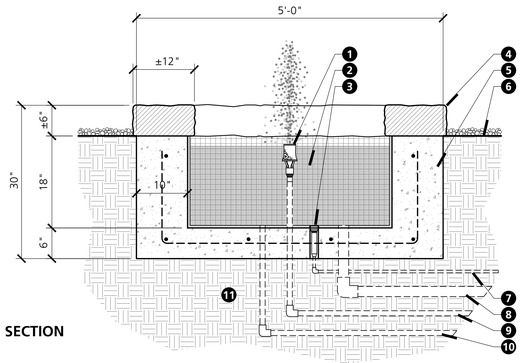
A.2 ROUND FIREPIT W/ STONE VENEER
1"=1'-0"

LEGEND

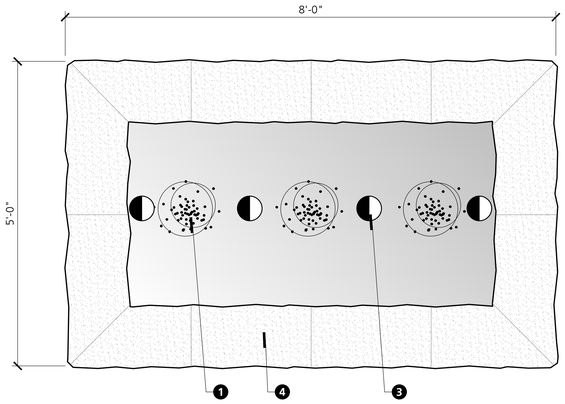
1. CASCADE NOZZLE (TYP.).
2. 1"x 1" DECORATIVE TILE INTERIOR.
3. UNDERWATER LED LIGHT (TYP.).
4. ±6" THICK ROUGH STONE CAP.
5. C.I.P. CONCRETE BASIN.
6. FINISH GRADE.
7. 1/2" CONDUIT FOR WATER LIGHT.
8. 2" WATER SUCTION PIPE.
9. 1" WATER RETURN PIPE.
10. 1" WATER LEVEL PIPE.
11. COMPACTED SUBGRADE.

NOTES

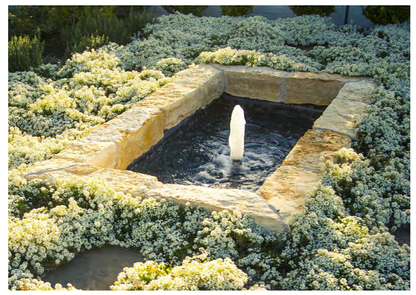
A. FOUNTAIN TO BE EQUIPPED W/ RECYCLING WATER PUMP.
B. WATER LIGHTS BY WATER FEATURE CONTRACTOR.



SECTION



PLAN

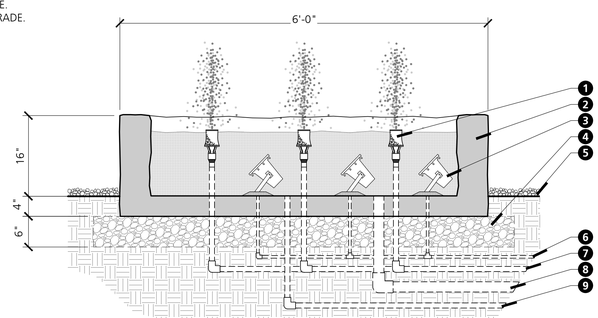


CHARACTER IMAGE

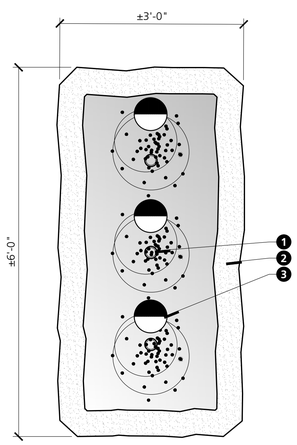
A.4 IN-GROUND LIMESTONE WATER FEATURE
1"=1'-0"

LEGEND

1. CASCADE NOZZLE.
2. CARVED STONE TROUGH W/ CHISELED FINISH (ALT. ANTIQUE FOUND TROUGH).
3. UNDERWATER LED LIGHT (TYP.).
4. ±6" DEEP ABC OVER COMPACTED SUBGRADE.
5. FINISH GRADE.
6. 1/2" CONDUIT FOR WATER LIGHT.
7. 1" WATER RETURN PIPE.
8. 2" WATER SUCTION PIPE.
9. 1" WATER LEVEL PIPE.
10. COMPACTED SUBGRADE.



SECTION



PLAN

A.5 STONE TROUGH WATER FEATURE - BACK GARDEN
1"=1'-0"

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TOWN SUBMITTAL

HD.5
HARDSCAPE DETAILS

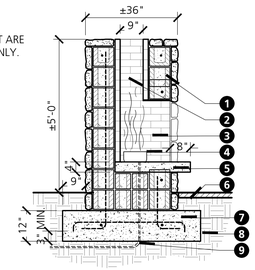
DECEMBER 12. 2025

LEGEND

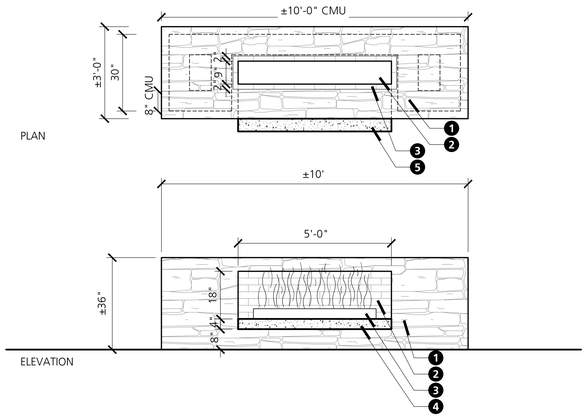
1. CMU WALL W/ STONE VENEER.
2. SMOKE CHAMBER.
3. 2" WIDE FIREBRICK INTERIOR.
4. LINEAR METAL TROUGH.
5. CONCRETE SHELF.
6. PAVING PER HARDSCAPE PLAN.
7. CONCRETE FOOTING W/ REINFORCEMENT.
8. COMPACTED SUB-GRADE.
9. ½" NATURAL GAS LINE.

NOTES

A. CONCRETE & REINFORCEMENT ARE SHOWN FOR BID PURPOSES ONLY.



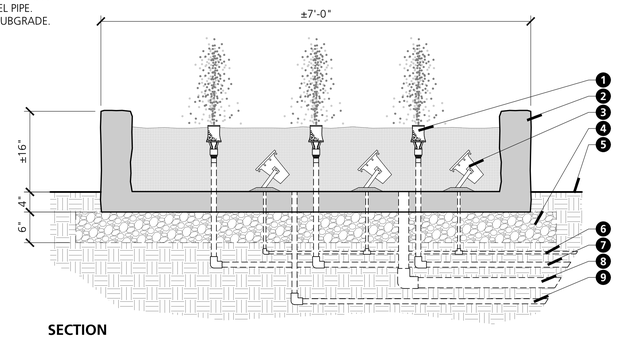
SECTION



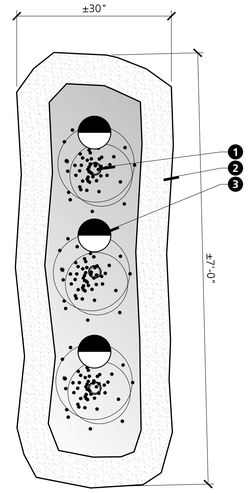
A.6 STONE FIREPLACE
1/2"=1'-0"

LEGEND

1. CASCADE NOZZLE.
2. CARVED STONE TROUGH W/ CHISELED FINISH (ALT. ANTIQUE FOUND TROUGH).
3. UNDERWATER LED LIGHT (TYP.).
4. ±6" DEEP ABC OVER COMPACTED SUBGRADE.
5. FINISH GRADE.
6. 1/2" CONDUIT FOR WATER LIGHT.
7. 1" WATER RETURN PIPE.
8. 2" WATER SUCTION PIPE.
9. 1" WATER LEVEL PIPE.
10. COMPACTED SUBGRADE.



SECTION



PLAN

A.7 STONE TROUGH WATER FEATURE - GUEST CASITA
1"=1'-0"

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PARADISE VALLEY, ARIZONA 85253

TOWN SUBMITTAL

HD.6

HARDSCAPE DETAILS

DECEMBER 12. 2025

ZONE PLANT LEGEND

NZ

NATIVE ZONE

SALVAGE
- FOOTHILL PALO VERDE
- IRONWOOD
- SAGUARO
- BARREL CACTUS
- OCOTILLO

TREES/ACCENT
- FOOTHILL PALO VERDE
- BLUE PALO VERDE
- SAGUARO
- BARREL CACTUS
- ENGLEMANN'S PRICKLY PEAR
- OCOTILLO

SHRUBS
- CREOSOTE
- JOJOBA
- TRIANGLE LEAF BURSAGE
- GLOBE MALLOW
- DESERT MARIGOLD
- PENSTEMON SPP.

R

REVEGETATION ZONE

TREES
- BLUE PALO VERDE
- IRONWOOD
- DESERT WILLOW
- NATIVE MESQUITE

ACCENTS
- SAGUARO
- BARREL CACTUS
- ENGELMANNS PRICKLY PEAR
- OCOTILLO

SHRUBS
- CREOSOTE (75% COVER @ 1 PER 20')

TZ-A

TRANSITION ZONE A

TREES
- BLUE PALO VERDE
- IRONWOOD SPECIMENS
- NATIVE MESQUITE

CACTUS/ACCENTS
- YUCCA ROSTRATA
- INDIAN FIG CACTUS
- ORGAN PIPE CACTUS
- MICKEY MOUSE PRICKLY PEAR
- BLUE ELF ALOE
- NIGHT BLOOMING CEREUS
- ENGELMANS PRICKLY PEAR
- DESERT MILKWEED
- OCOTILLO
- FIRESTICKS
- TOTEM POLE
- SANTA RITA PRICKLY PEAR
- AGAVE MURPHYII
- AGAVE WEBERII
- TRICOCERUS CACTUS
- AGAVE AMERICANA

TZ-B

TRANSITION ZONE B

TREES
- NATIVE MESQUITE
- TEXAS EBONY
- LIVE OAK

CACTUS/ACCENTS
- YUCCA ROSTRATA
- MICKEY MOUSE PRICKLY PEAR

SHRUBS
- ARABIAN LILAC
- ORANGE JUBILEE
- WHITE CLOUD TEXAS SAGE
- DWARF DEER GRASS
- WHITE ICEBERG ROSES
- MEXICAN BUSH SAGE
- CREOSOTE (75% COVER @ 1 PER 20')

VINES
- WHITE BOUGAINVILLEA

P

PRIVATE ZONE

TREES
- FRUITLESS OLIVE HYBRID

SHRUBS
- SOUR ORANGE
- WAXLEAF PRIVET
- COMPACT MYRTLE
- DWARF OLLIE
- DWARF INDIAN HAWTHORN 'BALLERINA'
- FERN LEAF LAVENDER
- PITTOSPORUM TOBIRA
- DWARF YAUPON HOLLY
- BUXUS WINTER GEM
- ICEBERG ROSE 'WHITE'
- ARABIAN LILAC
- TUSCAN BLUE ROSEMARY
- CIMMARON SAGE
- DWARF DEER GRASS

SPECIALTY
- ROSE TREE 'WHITE'
- HYBRID ROSE VINE
- WHITE BOUGAINVILLEA

PERRENNIALS/ACCENTS
- AGAVE CELESII

POTTED PLANTS
- EVERGREEN GLOBE
- KUMQUAT TREE
- LIME TREE
- ROSE TREE
- EVERGREEN TRIANGULAR CONE

ANNUALS
- WHITES

TOPDRESS LEGEND

(A) SALVAGED DESERT PAVEMENT TOPDRESS TO BE WORKED AROUND SITE TO MATCH THE ADJACENT UNDISTURBED AREAS, PER COMMUNITY SPECIFICATIONS. REFER TO SITE PLAN FOR LOCATIONS.

0' 30' 60' 90'

N

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ZP.1

ZONE PLAN

FEBRUARY 26. 2026


HUMMINGBIRD LANE
MOUNTAIN VIEWS DRIVE
FFE: 1385
LOT 1
LOT 2
LOT 3
LOT 4
LOT 5
LOT 6
LOT 7
LOT 8
LOT 9
LOT 10
LOT 11
LOT 12
LOT 13
LOT 14
LOT 15
LOT 16
LOT 17
LOT 18
LOT 19
LOT 20
LOT



PLANT LEGEND

SYM.	COMMON NAME BOTANICAL NAME	SIZE	QTY.	REMARKS
SALVAGE				
BPV	BLUE PALO VERDE *Cercidium floridum*	SEE PLAN	2	-
FPV	FOOTHILLS PALO VERDE *Parkinsonia microphylla*	SEE PLAN	5	-
SAG	SAGUARO *Carnegiea gigantea*	SEE PLAN	4	-
TREES				
BPV	BLUE PALO VERDE *Cercidium floridum*	SEE PLAN	24	-
DW	DESERT WILLOW *Chilopsis linearis*	SEE PLAN	8	-
TE	TEXAS EBONY *Ebenopsis ebano*	SEE PLAN	9	-
OG	OLD GROWTH OLIVE *Olea europaea*	SEE PLAN	2	-
FO	FRUITLESS OLIVE *Olea europaea 'Swan Hill'*	SEE PLAN	25	-
IW	IRONWOOD *Olneya tesota*	SEE PLAN	6	-
FPV	FOOTHILLS PALO VERDE *Parkinsonia microphylla*	SEE PLAN	13	-
NM	NATIVE MESQUITE *Prosopis velutina*	SEE PLAN	13	-
CACTI / ACCENTS				
BG	BLUE GLOW AGAVE *Agave 'Blue Glow'*	15 GAL	9	-
AC	AGAVE CELSII *Agave celsii*	5 GAL	12	-
MA	MURPHY'S AGAVE *Agave murpheyi*	5 GAL	50	-
WA	WEBER'S AGAVE *Agave weberi*	5 GAL	8	-
DM	DESERT MILKWEED *Asclepias subulata*	5 GAL	38	-
SAG	SAGUARO SPEAR *Carnegiea gigantea*	8' HT.	1	-
SAG	SAGUARO SPEAR *Carnegiea gigantea*	10' HT.	6	-
SAG	SAGUARO SPEAR *Carnegiea gigantea*	12' HT.	6	-
SP	SAN PEDRO CACTUS *Echinopsis pachanoi*	15 GAL	3	-
SP	SAN PEDRO CACTUS *Echinopsis pachanoi*	25 GAL	9	-
BC	BARREL CACTUS *Ferocactus acanthodes*	25 GAL	27	-
OL	OCOTILLO - LARGE *Fouquieria splendens*	9-12' HT.	4	-
OXL	OCOTILLO - EXTRA LARGE *Fouquiera splendens*	12-14' HT.	3	-
CC	CANDELABRA CACTUS *Myrtillocactus cochal*	25 GAL	14	-
EP	ENGELMANN'S PRICKLY PEAR *Opuntia engelmannii*	5/15 GAL	36	-
PP	PRICKLY PEAR *Opuntia robusta*	15 GAL	15	-
MFP	MEXICAN FENCE POST *Stenocereus marginatus*	15 GAL	14	CLUSTER
OPC	ORGAN PIPE CACTUS *Stenocereus thurberi*	24" BOX	20	5 STEM MIN.
OPC	ORGAN PIPE CACTUS *Stenocereus thurberi*	SPECIMEN	2	10 STEM MIN.
BY	BEAKED YUCCA *Yucca rostrata*	15 GAL	13	SKINNED
BY	BEAKED YUCCA *Yucca rostrata*	24" BOX	10	SKINNED
SHRUBS				
TLBS	TRIANGLE LEAF BURSAGE *Ambrosia deltoidea*	5 GAL	95	-
BWG	BOXWOOD 'WINTER GEM' *Buxus m. 'Winter Gem'*	5 GAL	541	-
SO	SOUR ORANGE *Citrus aurantium*	15 GAL	12	-
DYH	DWARF YAUPON HOLLY *Ilex vomitoria 'Nana'*	5 GAL	580	-
CR	CREOSOTE *Larrea tridentata*	15 GAL	118	-
CR	CREOSOTE *Larrea tridentata*	24" BOX	63	-
FLL	FERN LEAF LAVENDER *Lavandula pinnata*	1 GAL	153	-
WC	WHITE CLOUD SAGE *Leucophyllum frutescens 'White Cloud'*	5 GAL	208	-
CS	CIMARRON SAGE *Leucophyllum zygophyllum 'Cimarron'*	5 GAL	20	-
WP	WAXLEAF PRIVET *Ligustrum japonicum 'Texanum'*	5 GAL	132	-
CM	COMPACT MYRTLE *Myrtus communis 'Compacta'*	5 GAL	32	-
SO	DWARF OLLIE *Olea europaea 'Montra'*	5 GAL	133	-
IH	INDIAN HAWTHORN 'DWARF PINK' *Rhaphiolepis indica 'Dwarf Pink'*	1 GAL	202	-
IR	ICEBERG ROSE *Rosa floribunda 'Iceberg'*	5 GAL	194	-
MBS	MEXICAN BUSH SAGE *Salvia leucantha*	5 GAL	65	-
RS	RUSSIAN SAGE *Salvia yangii*	SIZE	31	-
SJ	JOJOBA *Simmondsia chinensis*	24" BOX	15	-
AL	ARABIAN LILAC *Vitex trifolia 'Purpurea'*	5 GAL	4	-
EC	EVERGREEN CONE	15 GAL	6	-
VINES				
WB	WHITE BOUGAINVILLEA *Bougainvillea 'Jamaica White'*	15 GAL	13	STAKED
SJ	STAR JASMINE (VINE) *Trachelospermum jasminoides*	15 GAL	8	STAKED
ANNUALS / PERENNIALS				
	ANNUALS SEASONAL FLOWERS	-	FLATS	-

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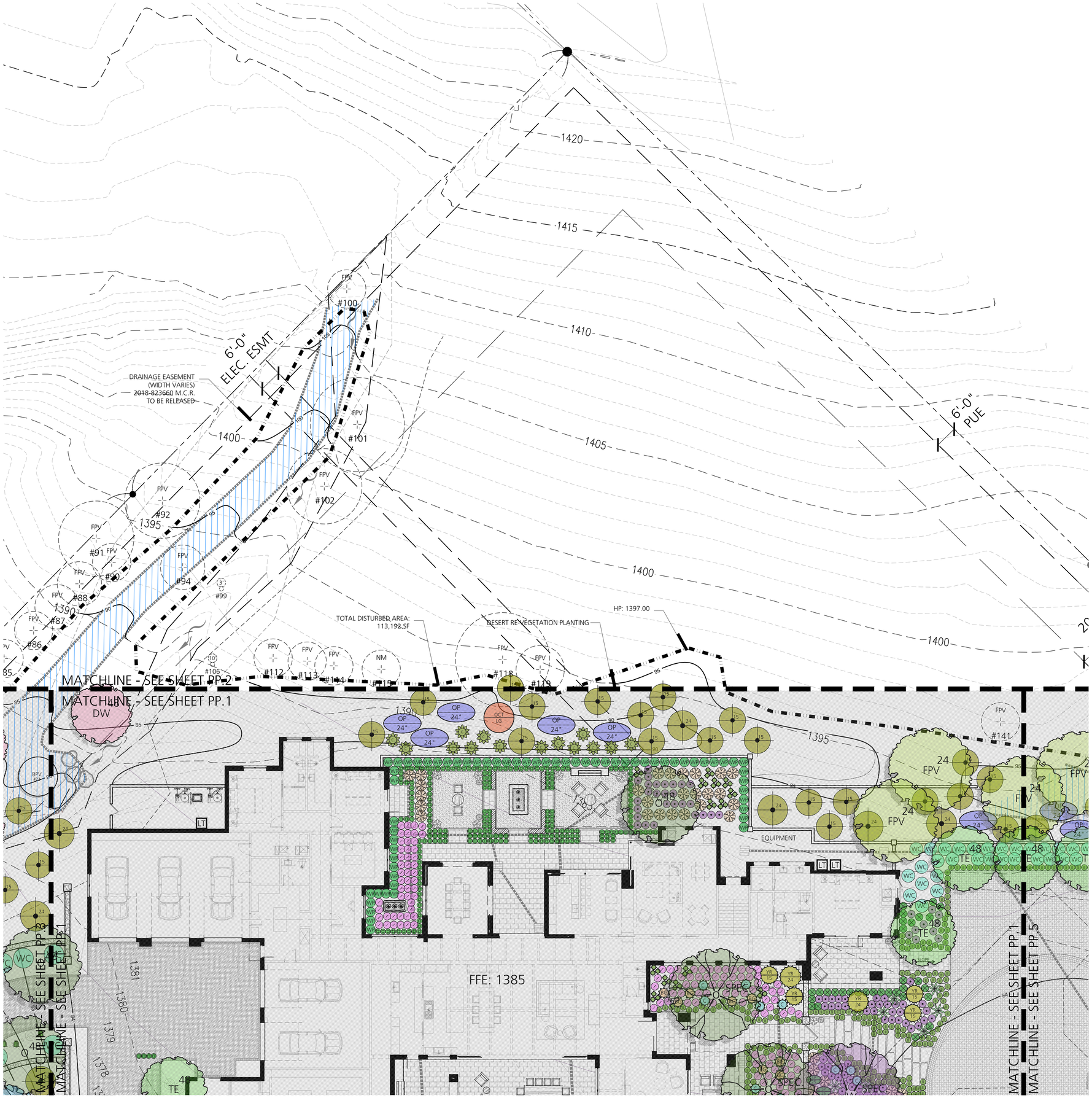
TOWN SUBMITTAL

PP.1

PLANTING PLAN

FEBRUARY 26. 2026

0' 10' 20' 30'



PLANT LEGEND

SYM.	COMMON NAME BOTANICAL NAME	SIZE	QTY.	REMARKS
SALVAGE				
BPV	BLUE PALO VERDE *Cercidium floridum*	SEE PLAN	2	-
FPV	FOOTHILLS PALO VERDE *Parkinsonia microphylla*	SEE PLAN	5	-
	SAGUARO *Carnegiea gigantea*	SEE PLAN	4	-
TREES				
BPV	BLUE PALO VERDE *Cercidium floridum*	SEE PLAN	24	-
DW	DESERT WILLOW *Chilopsis linearis*	SEE PLAN	8	-
TE	TEXAS EBONY *Ebenopsis ebano*	SEE PLAN	9	-
	OLD GROWTH OLIVE *Olea europaea*	SEE PLAN	2	-
FO	FRUITLESS OLIVE *Olea europaea 'Swan Hill'*	SEE PLAN	25	-
IW	IRONWOOD *Olneya tesota*	SEE PLAN	6	-
MFV	FOOTHILLS PALO VERDE *Parkinsonia microphylla*	SEE PLAN	13	-
MM	NATIVE MESQUITE *Prosopis velutina*	SEE PLAN	13	-
CACTI / ACCENTS				
	BLUE GLOW AGAVE *Agave 'Blue Glow'*	15 GAL	9	-
	AGAVE CELSII *Agave celsii*	5 GAL	12	-
	MURPHY'S AGAVE *Agave murpheyi*	5 GAL	50	-
	WEBER'S AGAVE *Agave weberi*	5 GAL	8	-
	DESERT MILKWEED *Asclepias subulata*	5 GAL	38	-
	SAGUARO SPEAR *Carnegiea gigantea*	8' HT.	1	-
	SAGUARO SPEAR *Carnegiea gigantea*	10' HT.	6	-
	SAGUARO SPEAR *Carnegiea gigantea*	12' HT.	6	-
	SAN PEDRO CACTUS *Echinopsis pachanoi*	15 GAL	3	-
	SAN PEDRO CACTUS *Echinopsis pachanoi*	25 GAL	9	-
	BARREL CACTUS *Ferocactus acanthodes*	25 GAL	27	-
OCT LG	OCOTILLO - LARGE *Fouquieria splendens*	9-12' HT.	4	-
OCT XL	OCOTILLO - EXTRA LARGE *Fouquieria splendens*	12-14' HT.	3	-
	CANDELABRA CACTUS *Myrtillocactus cochal*	25 GAL	14	-
	ENGELMANN'S PRICKLY PEAR *Opuntia engelmannii*	5/15 GAL	36	-
	PRICKLY PEAR *Opuntia robusta*	15 GAL	15	-
	MEXICAN FENCE POST *Stenocereus marginatus*	15 GAL	14	CLUSTER
ORGAN PIPE	ORGAN PIPE CACTUS *Stenocereus thurberi*	24" BOX	20	5 STEM MIN.
ORGAN PIPE	ORGAN PIPE CACTUS *Stenocereus thurberi*	SPECIMEN	2	10 STEM MIN.
	BEAKED YUCCA *Yucca rostrata*	15 GAL	13	SKINNED
	BEAKED YUCCA *Yucca rostrata*	24" BOX	10	SKINNED
SHRUBS				
	TRIANGLE LEAF BURSAGE *Ambrosia deltoidea*	5 GAL	95	-
	BOXWOOD 'WINTER GEM' *Buxus m. 'Winter Gem'*	5 GAL	541	-
SO	SOUR ORANGE *Citrus aurantium*	15 GAL	12	-
	DWARF YAUPON HOLLY *Ilex vomitoria 'Nana'*	5 GAL	580	-
	CREOSOTE *Larrea tridentata*	15 GAL	118	-
	CREOSOTE *Larrea tridentata*	24" BOX	63	-
	FERN LEAF LAVENDER *Lavandula pinnata*	1 GAL	153	-
WC	WHITE CLOUD SAGE *Leucophyllum frutescens 'White Cloud'*	5 GAL	208	-
CS	CIMARRON SAGE *Leucophyllum zygophyllum 'Cimarron'*	5 GAL	20	-
WL	WAXLEAF PRIVET *Ligustrum japonicum 'Texanum'*	5 GAL	132	-
	COMPACT MYRTLE *Myrtus communis 'Compacta'*	5 GAL	32	-
DO	DWARF OLLIE *Olea europaea 'Montra'*	5 GAL	133	-
	INDIAN HAWTHORN 'DWARF PINK' *Rhaphiolepis indica 'Dwarf Pink'*	1 GAL	202	-
	ICEBERG ROSE *Rosa floribunda 'Iceberg'*	5 GAL	194	-
	MEXICAN BUSH SAGE *Salvia leucantha*	5 GAL	65	-
	RUSSIAN SAGE *Salvia yangii*	SIZE	31	-
J	JOJOBA *Simmondsia chinensis*	24" BOX	15	-
	ARABIAN LILAC *Vitex trifolia 'Purpurea'*	5 GAL	4	-
	EVERGREEN CONE	15 GAL	6	-
VINES				
	WHITE BOUGAINVILLEA *Bougainvillea 'Jamaica White'*	15 GAL	13	STAKED
	STAR JASMINE (VINE) *Trachelospermum jasminoides*	15 GAL	8	STAKED
ANNUALS / PERENNIALS				
	ANNUALS SEASONAL FLOWERS	-	FLATS	-

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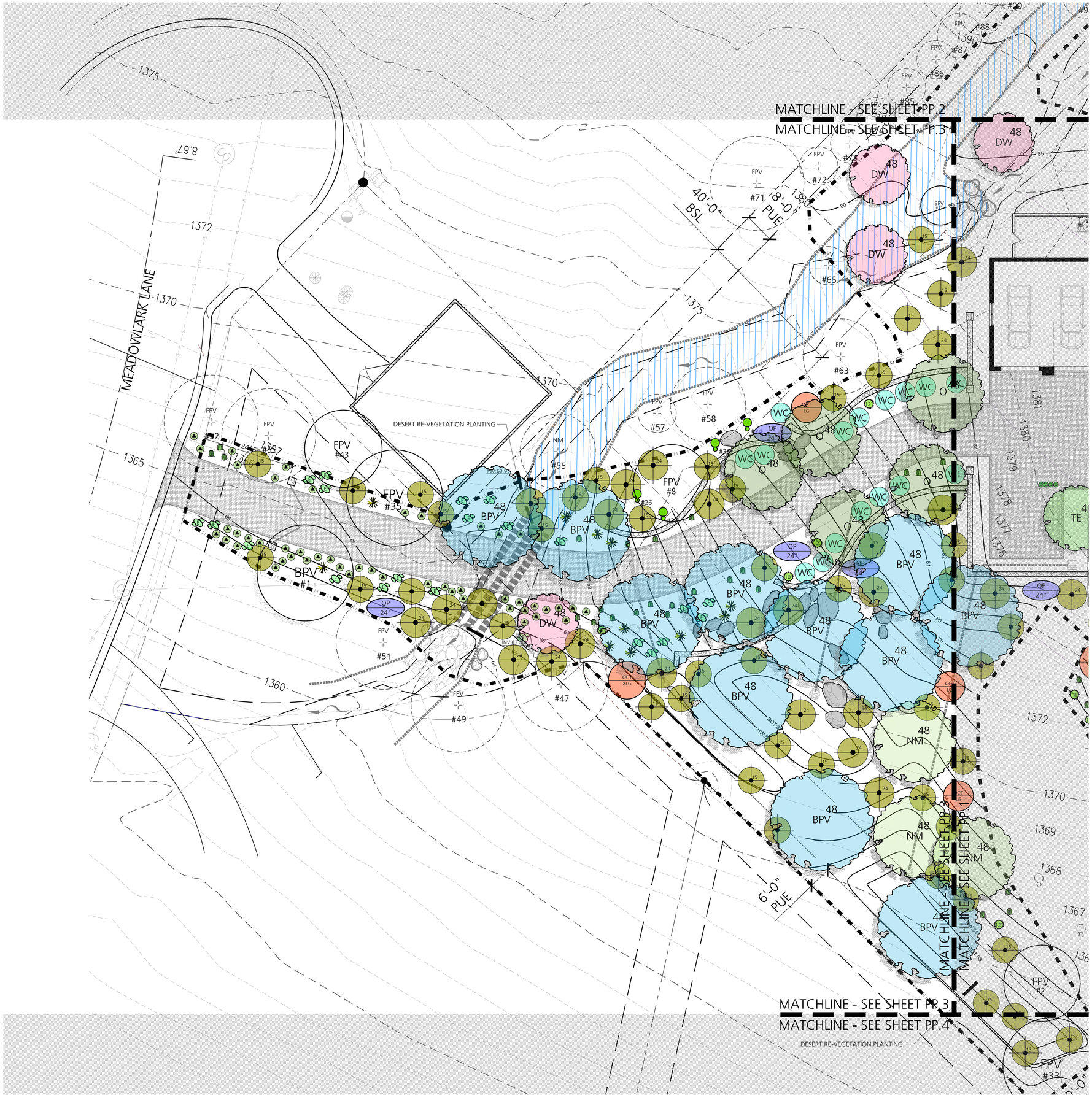
TOWN SUBMITTAL

PP.2

PLANTING PLAN

FEBRUARY 26. 2026

0' 10' 20' 30'



PLANT LEGEND

SYM.	COMMON NAME BOTANICAL NAME	SIZE	QTY.	REMARKS
SALVAGE				
BPV	BLUE PALO VERDE *Cercidium floridum*	SEE PLAN	2	-
FPV	FOOTHILLS PALO VERDE *Parkinsonia microphylla*	SEE PLAN	5	-
SAG	SAGUARO *Carnegiea gigantea*	SEE PLAN	4	-
TREES				
BPV	BLUE PALO VERDE *Cercidium floridum*	SEE PLAN	24	-
DW	DESERT WILLOW *Chilopsis linearis*	SEE PLAN	8	-
TE	TEXAS EBONY *Ebenopsis ebano*	SEE PLAN	9	-
OG	OLD GROWTH OLIVE *Olea europaea*	SEE PLAN	2	-
OF	FRUITLESS OLIVE *Olea europaea 'Swan Hill'*	SEE PLAN	25	-
IW	IRONWOOD *Olneya tesota*	SEE PLAN	6	-
MPV	FOOTHILLS PALO VERDE *Parkinsonia microphylla*	SEE PLAN	13	-
NM	NATIVE MESQUITE *Prosopis velutina*	SEE PLAN	13	-
CACTI / ACCENTS				
BGA	BLUE GLOW AGAVE *Agave 'Blue Glow'*	15 GAL	9	-
AC	AGAVE CELSII *Agave celsii*	5 GAL	12	-
MA	MURPHY'S AGAVE *Agave murphey*	5 GAL	50	-
WA	WEBER'S AGAVE *Agave weberi*	5 GAL	8	-
DM	DESERT MILKWEED *Asclepias subulata*	5 GAL	38	-
SAG	SAGUARO SPEAR *Carnegiea gigantea*	8' HT.	1	-
SAG	SAGUARO SPEAR *Carnegiea gigantea*	10' HT.	6	-
SAG	SAGUARO SPEAR *Carnegiea gigantea*	12' HT.	6	-
SPC	SAN PEDRO CACTUS *Echinopsis pachanoi*	15 GAL	3	-
SPC	SAN PEDRO CACTUS *Echinopsis pachanoi*	25 GAL	9	-
BC	BARREL CACTUS *Ferocactus acanthodes*	25 GAL	27	-
OCL	OCOTILLO - LARGE *Fouquieria splendens*	9-12' HT.	4	-
OCXL	OCOTILLO - EXTRA LARGE *Fouquieria splendens*	12-14' HT.	3	-
CC	CANDELABRA CACTUS *Myrtillocactus cochal*	25 GAL	14	-
EPP	ENGELMANN'S PRICKLY PEAR *Opuntia engelmannii*	5/15 GAL	36	-
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SO	SOUR ORANGE *Citrus aurantium*	15 GAL	12	-
DYH	DWARF YAUPON HOLLY *Ilex vomitoria 'Nana'*	5 GAL	580	-
CREOSOTE	CREOSOTE *Larrea tridentata*	15 GAL	118	-
CREOSOTE	CREOSOTE *Larrea tridentata*	24" BOX	63	-
FLA	FERN LEAF LAVENDER *Lavandula pinnata*	1 GAL	153	-
WCS	WHITE CLOUD SAGE *Leucophyllum frutescens 'White Cloud'*	5 GAL	208	-
CS	CIMARRON SAGE *Leucophyllum zygophyllum 'Cimarron'*	5 GAL	20	-
WL	WAXLEAF PRIVET *Ligustrum japonicum 'Texanum'*	5 GAL	132	-
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MBS	MEXICAN BUSH SAGE *Salvia leucantha*	5 GAL	65	-
RS	RUSSIAN SAGE *Salvia yangii*	SIZE	31	-
JOJ	JOJOBA *Simmondsia chinensis*	24" BOX	15	-
AL	ARABIAN LILAC *Vitex trifolia 'Purpurea'*	5 GAL	4	-
EC	EVERGREEN CONE	15 GAL	6	-
VINES				
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SJ	STAR JASMINE (VINE) *Trachelospermum jasminoides*	15 GAL	8	STAKED
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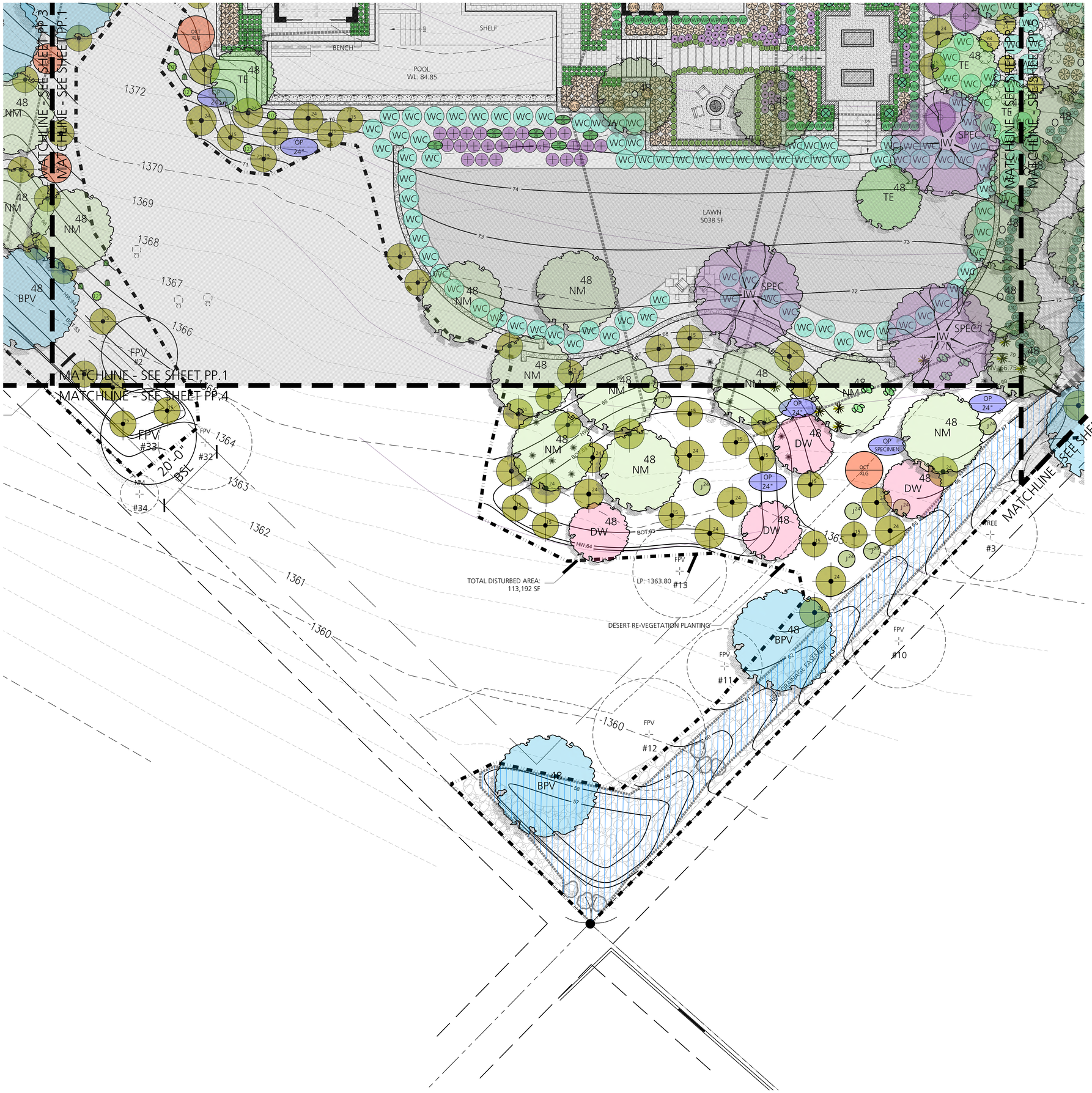
TOWN SUBMITTAL

PP.3

PLANTING PLAN

FEBRUARY 26. 2026

0' 10' 20' 30'



PLANT LEGEND

SYM.	COMMON NAME BOTANICAL NAME	SIZE	QTY.	REMARKS
SALVAGE				
BPV	BLUE PALO VERDE *Cercidium floridum*	SEE PLAN	2	-
FPV	FOOTHILLS PALO VERDE *Parkinsonia microphylla*	SEE PLAN	5	-
	SAGUARO *Carnegiea gigantea*	SEE PLAN	4	-
TREES				
BPV	BLUE PALO VERDE *Cercidium floridum*	SEE PLAN	24	-
DW	DESERT WILLOW *Chilopsis linearis*	SEE PLAN	8	-
TE	TEXAS EBONY *Ebenopsis ebano*	SEE PLAN	9	-
OLIVE	OLD GROWTH OLIVE *Olea europaea*	SEE PLAN	2	-
FO	FRUITLESS OLIVE *Olea europaea 'Swan Hill'*	SEE PLAN	25	-
IW	IRONWOOD *Olneya tesota*	SEE PLAN	6	-
FPV	FOOTHILLS PALO VERDE *Parkinsonia microphylla*	SEE PLAN	13	-
NM	NATIVE MESQUITE *Prosopis velutina*	SEE PLAN	13	-
CACTI / ACCENTS				
	BLUE GLOW AGAVE *Agave 'Blue Glow'*	15 GAL	9	-
	AGAVE CELSII *Agave celsii*	5 GAL	12	-
	MURPHY'S AGAVE *Agave murphey*	5 GAL	50	-
	WEBER'S AGAVE *Agave weberi*	5 GAL	8	-
	DESERT MILKWEED *Asclepias subulata*	5 GAL	38	-
	SAGUARO SPEAR *Carnegiea gigantea*	8' HT.	1	-
	SAGUARO SPEAR *Carnegiea gigantea*	10' HT.	6	-
	SAGUARO SPEAR *Carnegiea gigantea*	12' HT.	6	-
	SAN PEDRO CACTUS *Echinopsis pachanoi*	15 GAL	3	-
	SAN PEDRO CACTUS *Echinopsis pachanoi*	25 GAL	9	-
	BARREL CACTUS *Ferocactus acanthodes*	25 GAL	27	-
	OCOTILLO - LARGE *Fouquieria splendens*	9-12' HT.	4	-
	OCOTILLO - EXTRA LARGE *Fouquiera splendens*	12-14' HT.	3	-
	CANDELABRA CACTUS *Myrtillocactus cochal*	25 GAL	14	-
	ENGELMANN'S PRICKLY PEAR *Opuntia engelmannii*	5/15 GAL	36	-
	PRICKLY PEAR *Opuntia robusta*	15 GAL	15	-
	MEXICAN FENCE POST *Stenocereus marginatus*	15 GAL	14	CLUSTER
OP 24"	ORGAN PIPE CACTUS *Stenocereus thurberi*	24" BOX	20	5 STEM MIN.
OP SPECIMEN	ORGAN PIPE CACTUS *Stenocereus thurberi*	SPECIMEN	2	10 STEM MIN.
	BEAKED YUCCA *Yucca rostrata*	15 GAL	13	SKINNED
	BEAKED YUCCA *Yucca rostrata*	24" BOX	10	SKINNED
SHRUBS				
	TRIANGLE LEAF BURSAGE *Ambrosia deltoidea*	5 GAL	95	-
	BOXWOOD 'WINTER GEM' *Buxus m. 'Winter Gem'*	5 GAL	541	-
SO	SOUR ORANGE *Citrus aurantium*	15 GAL	12	-
	DWARF YAUPON HOLLY *Ilex vomitoria 'Nana'*	5 GAL	580	-
	CREOSOTE *Larrea tridentata*	15 GAL	118	-
	CREOSOTE *Larrea tridentata*	24" BOX	63	-
	FERN LEAF LAVENDER *Lavandula pinnata*	1 GAL	153	-
WC	WHITE CLOUD SAGE *Leucophyllum frutescens 'White Cloud'*	5 GAL	208	-
LG	CIMARRON SAGE *Leucophyllum zygophyllum 'Cimarron'*	5 GAL	20	-
GP	WAXLEAF PRIVET *Ligustrum japonicum 'Texanum'*	5 GAL	132	-
	COMPACT MYRTLE *Myrtus communis 'Compacta'*	5 GAL	32	-
DO	DWARF OLLIE *Olea europaea 'Montra'*	5 GAL	133	-
	INDIAN HAWTHORN 'DWARF PINK' *Rhaphiolepis indica 'Dwarf Pink'*	1 GAL	202	-
	ICEBERG ROSE *Rosa floribunda 'Iceberg'*	5 GAL	194	-
	MEXICAN BUSH SAGE *Salvia leucantha*	5 GAL	65	-
	RUSSIAN SAGE *Salvia yangii*	SIZE	31	-
	JOJOBA *Simmondsia chinensis*	24" BOX	15	-
	ARABIAN LILAC *Vitex trifolia 'Purpurea'*	5 GAL	4	-
	EVERGREEN CONE	15 GAL	6	-
VINES				
	WHITE BOUGAINVILLEA *Bougainvillea 'Jamaica White'*	15 GAL	13	STAKED
	STAR JASMINE (VINE) *Trachelospermum jasminoides*	15 GAL	8	STAKED
ANNUALS / PERENNIALS				
	ANNUALS SEASONAL FLOWERS	-	FLATS	-

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FAX: 480.481.3533

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STOLESON RESIDENCE

6519 EAST HUMMINGBIRD LANE
PARADISE VALLEY, ARIZONA 85253

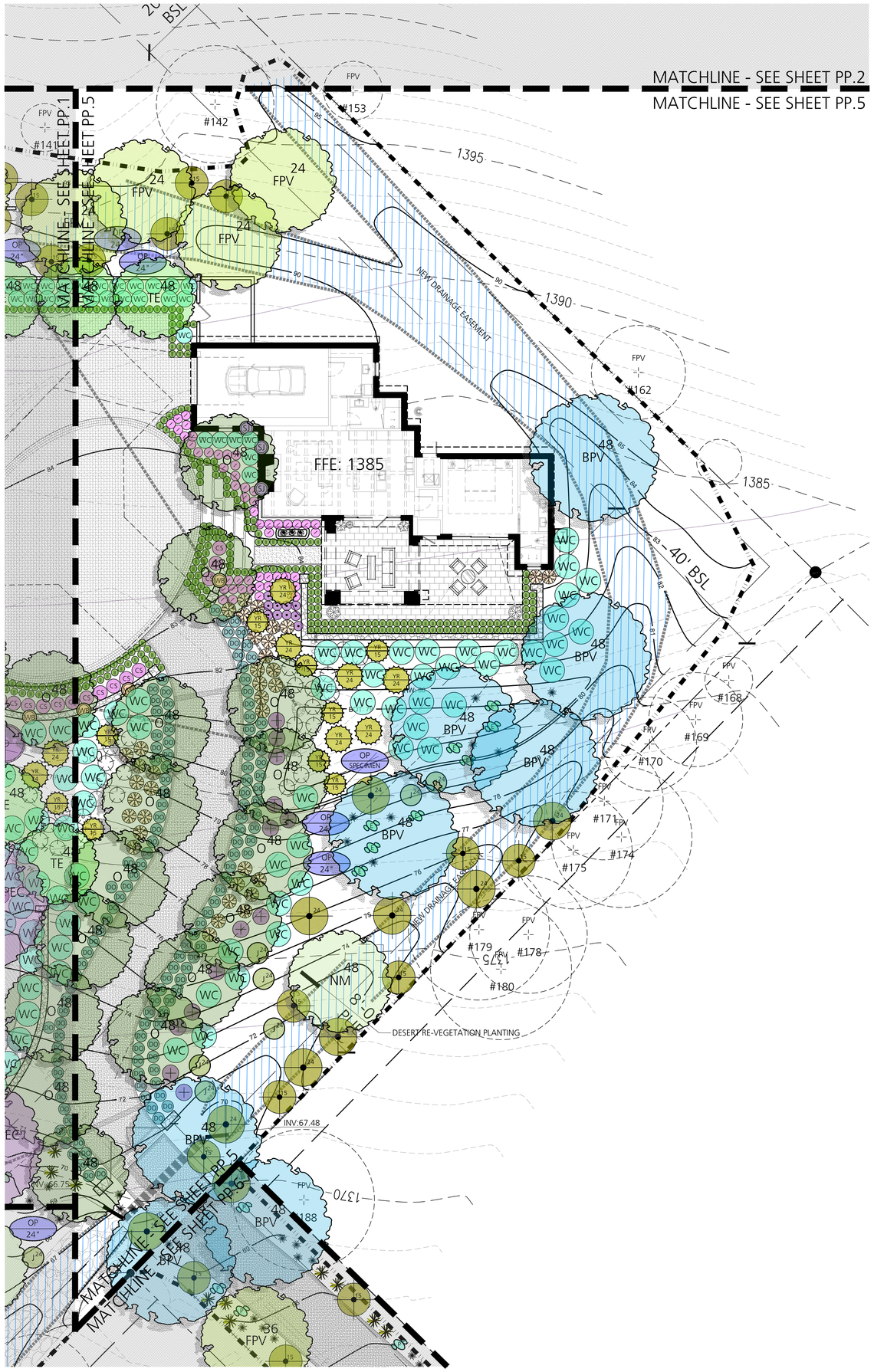
TOWN SUBMITTAL

PP.4

PLANTING PLAN

FEBRUARY 26. 2026

0' 10' 20' 30'



PLANT LEGEND

SYM.	COMMON NAME BOTANICAL NAME	SIZE	QTY.	REMARKS
SALVAGE				
BPV	BLUE PALO VERDE *Cercidium floridum*	SEE PLAN	2	-
FPV	FOOTHILLS PALO VERDE *Parkinsonia microphylla*	SEE PLAN	5	-
	SAGUARO *Carnegiea gigantea*	SEE PLAN	4	-
TREES				
BPV	BLUE PALO VERDE *Cercidium floridum*	SEE PLAN	24	-
DW	DESERT WILLOW *Chilopsis linearis*	SEE PLAN	8	-
TE	TEXAS EBONY *Ebenopsis ebano*	SEE PLAN	9	-
	OLD GROWTH OLIVE *Olea europaea*	SEE PLAN	2	-
FO	FRUITLESS OLIVE *Olea europaea 'Swan Hill'*	SEE PLAN	25	-
IW	IRONWOOD *Olneya tesota*	SEE PLAN	6	-
MPV	FOOTHILLS PALO VERDE *Parkinsonia microphylla*	SEE PLAN	13	-
NM	NATIVE MESQUITE *Prosopis velutina*	SEE PLAN	13	-
CACTI / ACCENTS				
	BLUE GLOW AGAVE *Agave 'Blue Glow'*	15 GAL	9	-
	AGAVE CELSII *Agave celsii*	5 GAL	12	-
	MURPHY'S AGAVE *Agave murpheyi*	5 GAL	50	-
	WEBER'S AGAVE *Agave weberi*	5 GAL	8	-
	DESERT MILKWEED *Asclepias subulata*	5 GAL	38	-
	SAGUARO SPEAR *Carnegiea gigantea*	8' HT.	1	-
	SAGUARO SPEAR *Carnegiea gigantea*	10' HT.	6	-
	SAGUARO SPEAR *Carnegiea gigantea*	12' HT.	6	-
	SAN PEDRO CACTUS *Echinopsis pachanoi*	15 GAL	3	-
	SAN PEDRO CACTUS *Echinopsis pachanoi*	25 GAL	9	-
	BARREL CACTUS *Ferocactus acanthodes*	25 GAL	27	-
	OCOTILLO - LARGE *Fouquieria splendens*	9-12' HT.	4	-
	OCOTILLO - EXTRA LARGE *Fouquiera splendens*	12-14' HT.	3	-
	CANDELABRA CACTUS *Myrtillocactus cochal*	25 GAL	14	-
	ENGELMANN'S PRICKLY PEAR *Opuntia engelmannii*	5/15 GAL	36	-
	PRICKLY PEAR *Opuntia robusta*	15 GAL	15	-
	MEXICAN FENCE POST *Stenocereus marginatus*	15 GAL	14	CLUSTER
	ORGAN PIPE CACTUS *Stenocereus thurberi*	24" BOX	20	5 STEM MIN.
	ORGAN PIPE CACTUS *Stenocereus thurberi*	SPECIMEN	2	10 STEM MIN.
	BEAKED YUCCA *Yucca rostrata*	15 GAL	13	SKINNED
	BEAKED YUCCA *Yucca rostrata*	24" BOX	10	SKINNED
SHRUBS				
	TRIANGLE LEAF BURSAGE *Ambrosia deltoidea*	5 GAL	95	-
	BOXWOOD 'WINTER GEM' *Buxus m. 'Winter Gem'*	5 GAL	541	-
CS	SOUR ORANGE *Citrus aurantium*	15 GAL	12	-
	DWARF YAUPON HOLLY *Ilex vomitoria 'Nana'*	5 GAL	580	-
	CREOSOTE *Larrea tridentata*	15 GAL	118	-
	CREOSOTE *Larrea tridentata*	24" BOX	63	-
	FERN LEAF LAVENDER *Lavandula pinnata*	1 GAL	153	-
WC	WHITE CLOUD SAGE *Leucophyllum frutescens 'White Cloud'*	5 GAL	208	-
CS	CIMARRON SAGE *Leucophyllum zygophyllum 'Cimarron'*	5 GAL	20	-
OT	WAXLEAF PRIVET *Ligustrum japonicum 'Texanum'*	5 GAL	132	-
	COMPACT MYRTLE *Myrtus communis 'Compacta'*	5 GAL	32	-
OE	DWARF OLLIE *Olea europaea 'Montra'*	5 GAL	133	-
	INDIAN HAWTHORN 'DWARF PINK' *Rhaphiolepis indica 'Dwarf Pink'*	1 GAL	202	-
	ICEBERG ROSE *Rosa floribunda 'Iceberg'*	5 GAL	194	-
	MEXICAN BUSH SAGE *Salvia leucantha*	5 GAL	65	-
	RUSSIAN SAGE *Salvia yangii*	SIZE	31	-
J	JOJOBA *Simmondsia chinensis*	24" BOX	15	-
	ARABIAN LILAC *Vitex trifolia 'Purpurea'*	5 GAL	4	-
	EVERGREEN CONE	15 GAL	6	-
VINES				
	WHITE BOUGAINVILLEA *Bougainvillea 'Jamaica White'*	15 GAL	13	STAKED
	STAR JASMINE (VINE) *Trachelospermum jasminoides*	15 GAL	8	STAKED
ANNUALS / PERENNIALS				
	ANNUALS SEASONAL FLOWERS	-	FLATS	-

0' 10' 20' 30'

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STOLESON RESIDENCE

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PARADISE VALLEY, ARIZONA 85253

TOWN SUBMITTAL

PP.5

PLANTING PLAN

FEBRUARY 26. 2026



PLANT LEGEND

SYM.	COMMON NAME BOTANICAL NAME	SIZE	QTY.	REMARKS
SALVAGE				
BPV	BLUE PALO VERDE *Cercidium floridum*	SEE PLAN	2	-
FPV	FOOTHILLS PALO VERDE *Parkinsonia microphylla*	SEE PLAN	5	-
SG	SAGUARO *Carnegiea gigantea*	SEE PLAN	4	-
TREES				
BPV	BLUE PALO VERDE *Cercidium floridum*	SEE PLAN	24	-
DW	DESERT WILLOW *Chilopsis linearis*	SEE PLAN	8	-
TE	TEXAS EBONY *Ebenopsis ebano*	SEE PLAN	9	-
OLD GROWTH OLIVE	OLD GROWTH OLIVE *Olea europaea*	SEE PLAN	2	-
OO	FRUITLESS OLIVE *Olea europaea 'Swan Hill'*	SEE PLAN	25	-
IW	IRONWOOD *Olneya tesota*	SEE PLAN	6	-
MV	FOOTHILLS PALO VERDE *Parkinsonia microphylla*	SEE PLAN	13	-
MM	NATIVE MESQUITE *Prosopis velutina*	SEE PLAN	13	-
CACTI / ACCENTS				
BG	BLUE GLOW AGAVE *Agave 'Blue Glow'*	15 GAL	9	-
AC	AGAVE CELSII *Agave celsii*	5 GAL	12	-
MY	MURPHY'S AGAVE *Agave murphey*	5 GAL	50	-
WB	WEBER'S AGAVE *Agave weberi*	5 GAL	8	-
DM	DESERT MILKWEED *Asclepias subulata*	5 GAL	38	-
SG	SAGUARO SPEAR *Carnegiea gigantea*	8' HT.	1	-
SG	SAGUARO SPEAR *Carnegiea gigantea*	10' HT.	6	-
SG	SAGUARO SPEAR *Carnegiea gigantea*	12' HT.	6	-
SP	SAN PEDRO CACTUS *Echinopsis pachanoi*	15 GAL	3	-
SP	SAN PEDRO CACTUS *Echinopsis pachanoi*	25 GAL	9	-
BC	BARREL CACTUS *Ferocactus acanthodes*	25 GAL	27	-
OL	OCOTILLO - LARGE *Fouquieria splendens*	9-12' HT.	4	-
OE	OCOTILLO - EXTRA LARGE *Fouquieria splendens*	12-14' HT.	3	-
CC	CANDELABRA CACTUS *Myrtillocactus cochal*	25 GAL	14	-
EP	ENGELMANN'S PRICKLY PEAR *Opuntia engelmannii*	5/15 GAL	36	-
PP	PRICKLY PEAR *Opuntia robusta*	15 GAL	15	-
MF	MEXICAN FENCE POST *Stenocereus marginatus*	15 GAL	14	CLUSTER
OP	ORGAN PIPE CACTUS *Stenocereus thurberi*	24" BOX	20	5 STEM MIN.
OP	ORGAN PIPE CACTUS *Stenocereus thurberi*	SPECIMEN	2	10 STEM MIN.
BY	BEAKED YUCCA *Yucca rostrata*	15 GAL	13	SKINNED
BY	BEAKED YUCCA *Yucca rostrata*	24" BOX	10	SKINNED
SHRUBS				
TL	TRIANGLE LEAF BURSAGE *Ambrosia deltoidea*	5 GAL	95	-
BW	BOXWOOD 'WINTER GEM' *Buxus m. 'Winter Gem'*	5 GAL	541	-
SO	SOUR ORANGE *Citrus aurantium*	15 GAL	12	-
DY	DWARF YAUPON HOLLY *Ilex vomitoria 'Nana'*	5 GAL	580	-
CT	CREOSOTE *Larrea tridentata*	15 GAL	118	-
CT	CREOSOTE *Larrea tridentata*	24" BOX	63	-
FL	FERN LEAF LAVENDER *Lavandula pinnata*	1 GAL	153	-
WC	WHITE CLOUD SAGE *Leucophyllum frutescens 'White Cloud'*	5 GAL	208	-
CS	CIMARRON SAGE *Leucophyllum zygophyllum 'Cimarron'*	5 GAL	20	-
WL	WAXLEAF PRIVET *Ligustrum japonicum 'Texanum'*	5 GAL	132	-
CM	COMPACT MYRTLE *Myrtus communis 'Compacta'*	5 GAL	32	-
DO	DWARF OLLIE *Olea europaea 'Montra'*	5 GAL	133	-
IH	INDIAN HAWTHORN 'DWARF PINK' *Rhaphiolepis indica 'Dwarf Pink'*	1 GAL	202	-
IR	ICEBERG ROSE *Rosa floribunda 'Iceberg'*	5 GAL	194	-
MS	MEXICAN BUSH SAGE *Salvia leucantha*	5 GAL	65	-
RS	RUSSIAN SAGE *Salvia yangii*	SIZE	31	-
JO	JOJOBA *Simmondsia chinensis*	24" BOX	15	-
AL	ARABIAN LILAC *Vitex trifolia 'Purpurea'*	5 GAL	4	-
EC	EVERGREEN CONE	15 GAL	6	-
VINES				
WB	WHITE BOUGAINVILLEA *Bougainvillea 'Jamaica White'*	15 GAL	13	STAKED
SJ	STAR JASMINE (VINE) *Trachelospermum jasminoides*	15 GAL	8	STAKED
ANNUALS / PERENNIALS				
	ANNUALS SEASONAL FLOWERS	-	FLATS	-

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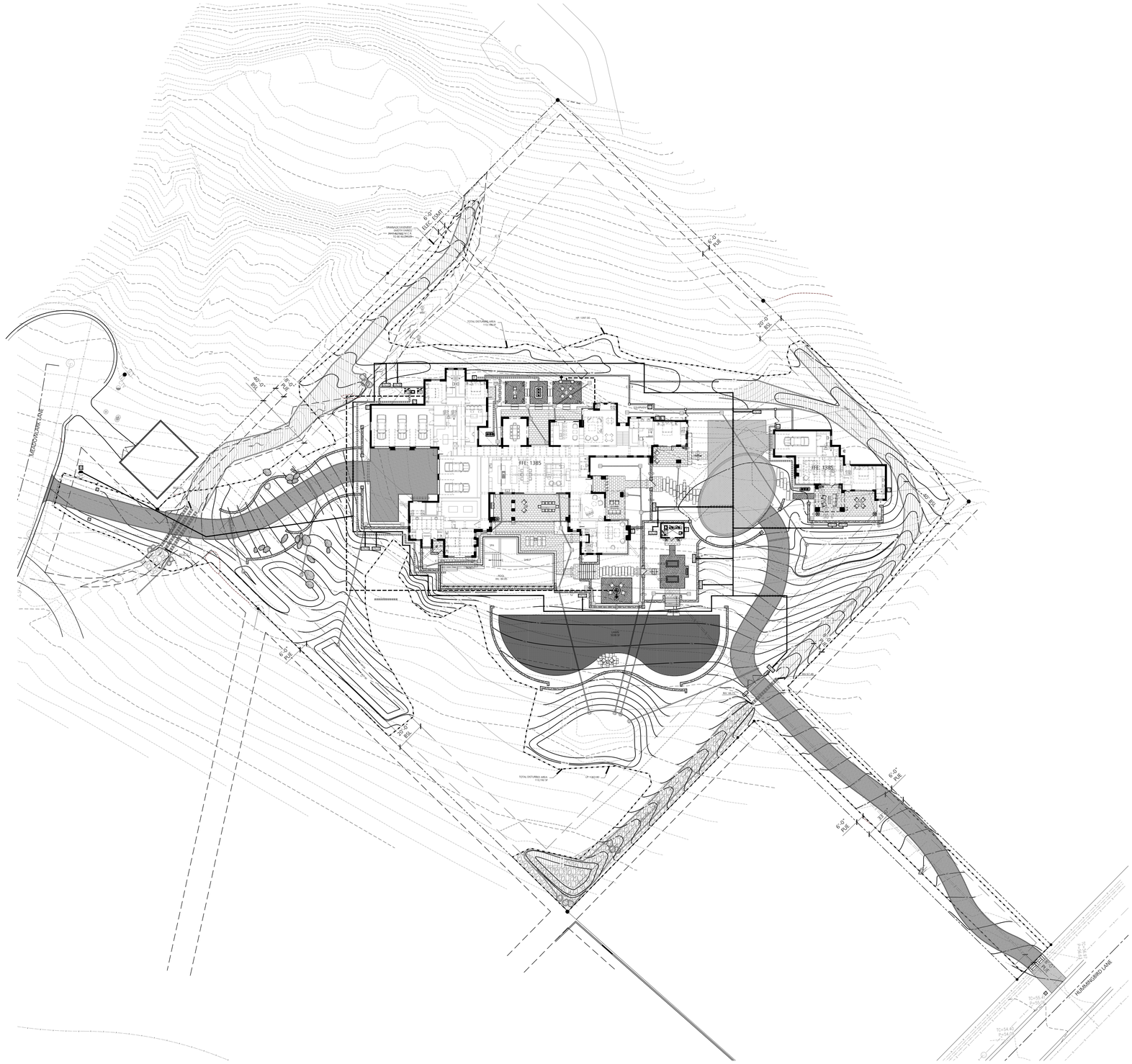
TOWN SUBMITTAL

PP.6

PLANTING PLAN

FEBRUARY 26. 2026

0' 10' 20' 30'



INFRASTRUCTURE LEGEND

M	WATER METER
	IRRIGATION BACK FLOW PREVENTION UNIT
	PVC MAINLINE
VALVE	VALVE BUILDUP - GENERAL LOCATION
T	IRRIGATION TIMER
	PVC SLEEVING
	IRRIGATED POT W/ DRAINAGE SLEEVE
	POOL EQUIPMENT (REFER TO POOL PLANS)
	SPA EQUIPMENT (REFER TO POOL PLANS)
F	FOUNTAIN PUMP (IN TAN VALVE BOX) ELECTRICAL TO BE PROVIDED BY BUILDER. EXACT LOCATION TO BE FIELD VERIFIED ON-SITE W/ BUILDER & ELECTRICIAN.
	POOL/SPA SUPPLY LINE (REFER TO POOL PLANS)
	FOUNTAIN SUPPLY LINE
	PROPOSED GAS STUB PROVIDED BY BUILDER
	GAS LINE - BY OTHERS
LT	LIGHTING TRANSFORMER EXACT LOCATION TO BE FIELD VERIFIED BY BUILDER & ELECTRICIAN. AT LEAST (1) 20 AMP CIRCUIT BREAKER TO BE PROVIDED TO EACH TRANSFORMER.

NOTES:

- ALL ABOVE-GROUND MOUNTED EQUIPMENT TO BE PAINTED TO MATCH THE BODY COLOR OF THE WALL UPON WHICH THE EQUIPMENT IS MOUNTED, & SUFFICIENTLY SCREENED BY PLANTING WHERE EXPOSED TO VIEWS.
- ALL GRADING TO PROVIDE POSITIVE DRAINAGE AWAY FROM ARCHITECTURAL STRUCTURE.
- VERIFY ALL DRAIN PIPE TO HAVE POSITIVE DRAINAGE PRIOR TO BURYING.
- PERFORATED DRAIN PIPE TO BE WRAPPED W/ CLOTH SOCK & BURIED IN GRAVEL.
- CONTRACTOR TO ENSURE ALL WEEP HOLES & PIPING TO DAYLIGHT THROUGH EXTERIOR WALLS NO HIGHER THAN 4" ABOVE THE EXTERIOR FINISHED GRADE & SCREENED BY PLANTING TO REMOVE FROM ANY VIEW.
- WATER FEATURE EQUIPMENT/ PUMPS TO BE HIDDEN FROM VIEW. LOCATIONS SHOWN ARE SCHEMATIC & SHALL BE VERIFIED FOR ELECTRICAL/ SIZE REQUIREMENTS BY WATER FEATURE CONTRACTOR.

0' 30' 60' 90'

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STOLESON RESIDENCE

6519 EAST HUMMINGBIRD LANE
PARADISE VALLEY, ARIZONA 85253

TOWN SUBMITTAL
II.1
IRRIGATION & INFRASTRUCTURE PLAN
DECEMBER 12. 2025


FFE: 1385
FFE: 1385
6" STEP LIGHT
6" STEP LIGHT
20'-0" SCE
6'-0" SCE
6'-0" SCE
6

FXLuminaire

LED Wall Lights



PROJECT

CATALOG #

TYPE

NOTES

LF Ledge Light PHOTOMETRICS

LF 1LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	Vertical 103°	Horizontal 53°
2.0' (0.6 m)	12.8 fc (138 lx)	5.0' (1.5 m)	2.0' (0.6 m)
4.0' (1.2 m)	3.2 fc (35 lx)	10.1' (3.1 m)	4.0' (1.2 m)
6.0' (1.8 m)	1.4 fc (15 lx)	15.1' (4.6 m)	6.0' (1.8 m)
8.0' (2.4 m)	0.8 fc (9 lx)	20.1' (6.1 m)	8.0' (2.4 m)
10.0' (3.1 m)	0.5 fc (5 lx)	25.1' (7.7 m)	9.9' (3.0 m)

LF ZDC Illuminance at a Distance

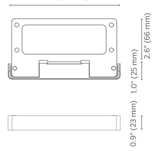
Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	Vertical 84.7°	Horizontal 91.5°
2.0' (0.6 m)	4.3 fc (46 lx)	3.6' (1.1 m)	4.1' (1.3 m)
4.0' (1.2 m)	1.1 fc (12 lx)	7.3' (2.2 m)	8.2' (2.5 m)
6.0' (1.8 m)	0.5 fc (5 lx)	10.9' (3.3 m)	12.3' (3.8 m)
8.0' (2.4 m)	0.3 fc (3 lx)	14.6' (4.5 m)	16.4' (5.0 m)
10.0' (3.1 m)	0.2 fc (2 lx)	18.2' (5.6 m)	20.5' (6.3 m)

LF DESIGNER PREMIUM

Under-the-cap hardscape wall light with modular bracket design for easy installation. 1 LED. Available in brass, copper, stainless steel, and aluminum.

Quick Facts

- Die-cast brass or aluminum construction
- Stainless steel, brass, or copper faceplate as natural metal, powder coated, or antiqued
- Cree® integrated LEDs
- Tamper-resistant features
- Color temperature filters
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V



STEP LIGHT
NTS

FXLuminaire

LED Up Lights



PB: Up Light

NUMBER OF LEDS:	1	3
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4	4.5
WATTS USED:	2.0	4.2
LUMENS PER WATT (EFFICACY)	34	37
MAX LUMENS:	71	151
CCT (Ra)	67.3	67

PHOTOMETRICS:

PB 1LED ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
4.2 ft	2.11 fc	6.5 ft	8.8 ft
8.3 ft	0.53 fc	13.0 ft	17.6 ft
12.5 ft	0.23 fc	19.4 ft	26.4 ft
16.7 ft	0.13 fc	25.9 ft	35.1 ft
20.8 ft	0.08 fc	32.4 ft	43.9 ft
25.0 ft	0.06 fc	38.9 ft	52.7 ft

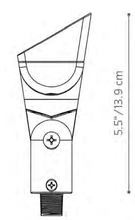
Vertical Spread: 75.8° Horizontal Spread: 93.0°

PB 3LED ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
4.2 ft	5.24 fc	5.7 ft	8.3 ft
8.3 ft	1.31 fc	11.4 ft	16.5 ft
12.5 ft	0.58 fc	17.0 ft	24.8 ft
16.7 ft	0.33 fc	22.7 ft	33.1 ft
20.8 ft	0.21 fc	28.4 ft	41.3 ft
25.0 ft	0.15 fc	34.1 ft	49.6 ft

Vertical Spread: 68.6° Horizontal Spread: 89.6°

Beam angle is calculated using LM-79 method for SSL Luminaires. "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum".



FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 PB	2 1 LED (50,000 avg. life hours) 3 LED (50,000 avg. life hours)	3 XX (see options to right)

The PB includes your choice of 1LED or 3LED board, choice of finish, 5 ft. lead wire and a Long Slot Spike

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Long Slot Spike (750015840000) 2.5" x 10" **Included**	Long Slot Spike
Super Slot Spike (753900) 2" x 10"	Super Slot Spike
Super J-Box (SJ-XX**) 2.5" x 12"	Super J-Box XX**
Post Mount (PM-XX**) 2.5" x 13"	Post Mount XX**

EXAMPLE: PB-3LED-AT = PB - 3 LEDs - Antique Tumbled Finish
753900 = Super Slot Spike

METALS

AB = Antique Bronze* (Oil Rubed)
AT = Antique Tumbled* (Oil Rubed)
NP = Nickel Plate
BS = Natural Brass

POWDERCOAT

WG = White Gloss
FW = Flat White
AL = Almond
BZ = Bronze Metallic
DG = Desert Granite
WI = Weathered Iron
VF = Verde Speckle
SB = Sedona Brown
FB = Flat Black

* May require longer lead time

All PB up lights come standard with amber, green, blue and frosted filters

WALL WASH LIGHT
NTS

FXLuminaire

Lighting Controller



LX: Transformer

MODELS:	150 or 300 Watt
FINISHES:	Stainless Steel or Matte Gray Powder Coat
ACCESSORY:	26" Remote Mount Photocell
DEPTH:	5.04" / 128.02 cm
WIDTH:	7.14" / 181.41 cm
HEIGHT:	11.4" / 289.43 cm

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

Step	Description	Code
1	TRANSFORMER	LX
2	SIZE	150, 300
3	FINISH	SS, M

EXAMPLE: LX-150-M = LX Transformer - 150W - Matte Gray Finish



METALS

SS = Stainless Steel

POWDER COAT

M = Paintable Matte Gray

The LX comes standard in stainless steel, with a photocell and a 3' power cord.

FEATURES:

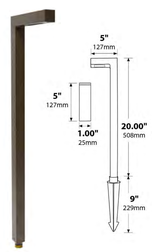
- **Full Digital Control:** All functions are controlled by the integrated LCD Screen for a complete real-time output of functions
- **6 On/Off Times:** Add different start and stop times using the photocell or a given time on different days of the week
- **Active Load Draw Bar:** Digital Readout of system load usage displayed as a bar in 10% increments.
- **Real Time Photocell Readout:** Always know what the photocell is sensing with its easy to identify sun and moon
- **Internal Clock and Timing:** Adjust lights to illuminate at a given time of day or use the photocell in conjunction
- **Status LEDs:** Displays readouts and readiness of the 120V, External Function, Photocell activity, and 12V output
- **Backlit Display:** Backlit display panel allows you to see status at night
- **Conduit Pathway:** Leave the transformer mounted and install conduit to the system using the handy removable front conduit pathway
- **12V Photocell Included and Preinstalled:** Smaller size with less wiring
- **Petite Box:** Houses all power and control functions
- **Removable Door:** Allows easy conduit installation and "as built" note writing
- **Flip Up Display:** Display flips up and pushes out of the way to access all wiring
- **Integrated Backup Battery:** Saves time and settings in the event of a power outage

LT TRANSFORMER
NTS

FOCUS INDUSTRIES
landscape - entertainment - architectural - hospitality - illumination

PL-17-S1 SERIES PATH LIGHTS

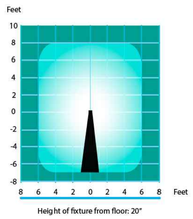


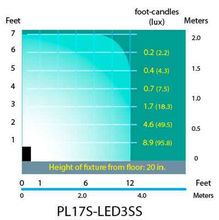


SUPER SAVER 3 OMNI-LED

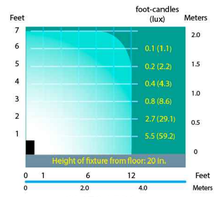
3mni LEDs by CREE LED

LIGHT DISTRIBUTIONS AND PHOTOMETRICS





PL17S-LED3SS
Half Spread Photometrics



PL17S-LEDS
Half Spread Photometrics

SPECIFICATIONS

CONSTRUCTION: 1.00" Extruded aluminum or brass L shape design
LENS: High impact sandblasted flat glass
LAMP SUPPLIED: 50,000 hour 3w OMNI-3 Super Saver LED (-LEDSS)
LAMP OPTIONS: 50,000 hour 3w OMNI-3 LED (-LED3) or 40,000 hour 2w LED strip (-LEDS)
SOCKET: Single contact bayonet, brass nickel plated lamp socket screw shell (Ba15s)
WIRING: Black 3 foot 18/2 zip cord from base of fixture (12v only)
For 25 foot 16/2 fixture lead wire add -25F to catalog number
MOUNTING: FA-03 black 9" ABS stake, tapped 1/2" NPS
FINISH: Aluminum-Black texture polyester powder coat. Optional finishes available.

Note: Not for use with halogen/xenon lamps. Use LED only.

ORDERING INFORMATION

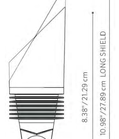
CATALOG NO.	DESCRIPTION	LAMP	SHIP WEIGHT
PL-17-S1-LED3SSBLT	1" Extruded Aluminum Path Light	3w OMNI-3 SS LED	2.0 lbs.
PL-17-S1-LED3BLT	1" Extruded Aluminum Path Light	3w OMNI-3 LED	2.0 lbs.
PL-17-S1-LEDSBLT	1" Extruded Aluminum Path Light	2w LED Strip	2.0 lbs.
PL-17-S1-LED3SSBRS	1" Extruded Brass Path Light	3w OMNI-3 SS LED	2.0 lbs.
PL-17-S1-LED3BRS	1" Extruded Brass Path Light	3w OMNI-3 LED	2.0 lbs.
PL-17-S1-LEDSBRS	1" Extruded Brass Path Light	2w LED Strip	2.0 lbs.

Fine Textured Aluminum	Antique Verde	Bronze Texture	Camel	White Textured	Hunter Green	Rust	Weathered Zinc	Weathered Bronze	Stucco	Rubbed Verde	Chrome Powder	Acid Bronze	Acid Bronze	Black Acid Bronze
-BLT	-ATV	-BRT	-CAM	-WTX	-HTX	-RST	-WIX	-WBR	-STU	-RBV	-CPR	-BAR/CAR	-BAV/CAV	-BAT
PL-17-S1 Cast Steel		10693										BRASS & COPPER ONLY		

PATH LIGHT
NTS

FXLuminaire

LED Up Lights



NP: Up Light

NUMBER OF LEDS:	1	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use this number to size the transformer)	2.4	4.5	13.5	13.5
WATTS USED:	2.0	4.2	10.1	11.2
LUMENS PER WATT (EFFICACY)	25.4	31	31.8	31.1
MAX LUMENS:	52	135	279	357
CCT (Ra)	68.5	67.9	80.2	67.5

PHOTOMETRICS:

NP 1LED ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
4.2 ft	13.36 fc	1.7 ft	1.7 ft
8.3 ft	3.34 fc	3.4 ft	3.4 ft
12.5 ft	1.48 fc	5.2 ft	5.1 ft
16.7 ft	0.84 fc	6.9 ft	6.8 ft
20.8 ft	0.53 fc	8.6 ft	8.4 ft
25.0 ft	0.37 fc	10.3 ft	10.1 ft

Vertical Spread: 23.3° Horizontal Spread: 22.9°

NP 6LED ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
4.2 ft	61.57 fc	1.8 ft	1.8 ft
8.3 ft	15.39 fc	3.6 ft	3.6 ft
12.5 ft	6.84 fc	5.4 ft	5.4 ft
16.7 ft	3.85 fc	7.2 ft	7.2 ft
20.8 ft	2.46 fc	9.0 ft	9.04 ft
25.0 ft	1.71 fc	10.8 ft	10.8 ft

Vertical Spread: 24.5° Horizontal Spread: 24.4°

NP 3LED ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
4.2 ft	26.73 fc	1.8 ft	1.8 ft
8.3 ft	6.68 fc	3.6 ft	3.6 ft
12.5 ft	2.97 fc	5.5 ft	5.4 ft
16.7 ft	1.67 fc	7.3 ft	7.2 ft
20.8 ft	1.07 fc	9.1 ft	9.04 ft
25.0 ft	0.74 fc	10.9 ft	10.8 ft

Vertical Spread: 24.7° Horizontal Spread: 24.5°

NP 9LED ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
4.2 ft	72.4 fc	1.8 ft	1.8 ft
8.3 ft	28.1 fc	3.6 ft	3.5 ft
12.5 ft	8.04 fc	5.4 ft	5.3 ft
16.7 ft	4.53 fc	7.1 ft	7.1 ft
20.8 ft	2.9 fc	8.9 ft	8.9 ft
25.0 ft	2.01 fc	10.7 ft	10.6 ft

Vertical Spread: 24.2° Horizontal Spread: 24.0°

Beam angle is calculated using LM-79 method for SSL Luminaires. "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum".

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3 (optional) + 4

FIXTURE CODE	LAMP CODE	SHIELD CODE	FINISH OPTIONS
1 NP	2 1 LED (50,000 avg. life hours) 3 LED (50,000 avg. life hours) 6 LED (50,000 avg. life hours) 9 LED (50,000 avg. life hours)	3 LS (Long Shield)	4 XX (see options to right)

FIELD INSTALLED OPTIONS: Order Individually

MOUNTING OPTIONS	
Super Slot Spike (753900) 2" x 10" **Included**	Super Slot Spike
Long Slot Spike (750015840000) 2.5" x 10"	Long Slot Spike
Super J-Box (SJ-XX**) 2.5" x 12"	Super J-Box XX**
Post Mount (PM-XX**) 2.5" x 13"	Post Mount XX**

EXAMPLE: NP-3LED-LS-DG = NP - 3 LEDs - Long Shield - Desert Granite Finish (with Super Slot Spike)

POWDERCOAT

WG = White Gloss
FW = Flat White
AL = Almond
BZ = Bronze Metallic
DG = Desert Granite
WI = Weathered Iron
VF = Verde Speckle
SB = Sedona Brown
FB = Flat Black

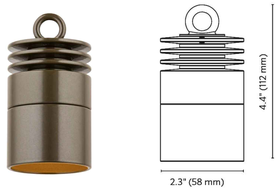
* May require longer lead time

All PO wall lights come standard with amber, green, blue and frosted filters

UP LIGHT
NTS

FXLuminaire

LED Down Lights



VE Down Light SPECIFICATIONS

Output	1LED	3LED	ZDC
Total Lumens †	90	209	130
Input Voltage	10 to 15V	10 to 15V	10 to 15V
Input Power (W)	2.0	4.2	6.0
VA	2.4	4.5	7.2
Efficacy (Lumens/Watt)	46	50	39
Color Rendering Index (CRI)	80+	80+	80+
Maximum Candela	152	414	198
Dimming	PWM, Phase**	PWM, Phase**	PWM, Phase**
RGBW Available	No	No	Yes
Luxor Compatibility			
Default	Zoning	Zoning	--
ZD Option	Zoning/Dimming	Zoning/Dimming	--
ZDC Option	--	--	Zoning/Dimming/Color
Minimum Rated Life (L90 B10)	55,000 Hrs	55,000 Hrs	55,000 Hrs

VE Down Light PHOTOMETRICS

VE 1LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
		Vertical 34.3°
4' (1.2 m)	10 fc (102 lx)	3' (0.8 m)
8' (2.4 m)	1.4 fc (26 lx)	5' (1.5 m)
12' (3.7 m)	1.1 fc (11 lx)	7' (2.3 m)
16' (4.9 m)	0.6 fc (6 lx)	10' (3 m)
20' (6.1 m)	0.4 fc (4 lx)	12' (3.8 m)

VE 3LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
		Vertical 31.8°
4' (1.2 m)	26 fc (279 lx)	2' (0.7 m)
8' (2.4 m)	7 fc (70 lx)	5' (1.4 m)
12' (3.7 m)	3 fc (31 lx)	7' (2 m)
16' (4.9 m)	1.6 fc (17 lx)	9' (2.8 m)
20' (6.1 m)	1.0 fc (11 lx)	11' (3.4 m)

VE ZDC Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
		Vertical 54.0°
4' (1.2 m)	8 fc (86 lx)	4' (1.3 m)
8' (2.4 m)	2 fc (22 lx)	8' (2.5 m)
12' (3.7 m)	0.9 fc (10 lx)	12' (3.7 m)
16' (4.9 m)	0.5 fc (5 lx)	16' (5.0 m)
20' (6.1 m)	0.3 fc (3 lx)	20' (6.2 m)

Optics
Polycarbonate color temperature adjustment lenses included with fixture: 2,700K (preinstalled).

Finish

- [default] Natural Copper on Copper Sleeve
- WI Weathered Iron
- WG White Gloss
- SV Silver
- BZ Bronze Metallic
- SB Sedona Brown
- FW Flat White
- NP Nickel Plate
- DG Desert Granite
- FB Black
- AL Almond
- AB Antique Bronze on Copper Sleeve

DOWN LIGHT
NTS

FXLuminaire

LED Underwater Lights

LL: Underwater Light

NUMBER OF LEDS:	1	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use to size the lighting controller)	2.4	4.5	13.5	13.5
WATTS USED:	2.0	4.2	10.1	11.2
LUMENS PER WATT (EFFICACY)	25.4	31	31.8	31.1
MAX LUMENS:	-	133	282	378
CCT (Ra)	68.5	67.9	80.2	67.5

PHOTOMETRICS:

LL 3LED ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
4.0 ft	52.0 fc	1.2 ft	1.2 ft
8.0 ft	13.0 fc	2.4 ft	2.4 ft
12.0 ft	5.8 fc	3.7 ft	3.5 ft
16.0 ft	3.3 fc	4.9 ft	4.7 ft
20.0 ft	2.1 fc	6.1 ft	5.9 ft
26.0 ft	1.2 fc	7.9 ft	7.7 ft

Vertical Spread: 17.3° Horizontal Spread: 16.8°

LL 6LED ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
4.0 ft	117.5 fc	1.1 ft	1.2 ft
8.0 ft	29.4 fc	2.2 ft	2.3 ft
12.0 ft	13.1 fc	3.4 ft	3.5 ft
16.0 ft	7.3 fc	4.5 ft	4.6 ft
20.0 ft	4.7 fc	5.6 ft	5.8 ft
26.0 ft	2.8 fc	7.3 ft	7.5 ft

Vertical Spread: 16° Horizontal Spread: 16.5°

LL 9LED ILLUMINANCE AT A DISTANCE

	Center Beam FC	Beam Width
4.0 ft	150.0 fc	1.2 ft	1.2 ft
8.0 ft	37.5 fc	2.3 ft	2.3 ft
12.0 ft	16.7 fc	3.5 ft	3.5 ft
16.0 ft	9.4 fc	4.7 ft	4.7 ft
20.0 ft	6.0 fc	5.8 ft	5.9 ft
26.0 ft	3.6 fc	7.6 ft	7.6 ft

Vertical Spread: 16.6° Horizontal Spread: 16.7°

Beam angle is calculated using LM-79 method for SSL Luminaires. "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."



FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 LL	2 1 LED (50,000 avg. life hours) 3 LED (50,000 avg. life hours) 6 LED (50,000 avg. life hours) 9 LED (50,000 avg. life hours)	3 BS

METALS

BS = Natural Brass

All LL underwater lights come standard with amber, green, blue and frosted filters

WATER LIGHT
NTS

PRELIMINARY
NOT FOR CONSTRUCTION

CALL TWO WORKING DAYS BEFORE YOU DIG
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1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

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SUITE 200
PHOENIX, ARIZONA 85008
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FAX: 480.481.3533

BERGHOFFDESIGN.COM

STOLESON RESIDENCE

6519 EAST HUMMINGBIRD LANE
PARADISE VALLEY, ARIZONA 85253

TOWN SUBMITTAL

LC.1

LIGHTING CUTSHEET

DECEMBER 12. 2025