



Full Size or Largest Size Plans

Site Plan

Landscape Plan

Elevations

ENGINEER

KIMLEY-HORN & ASSOCIATES
1001 W. SOUTHERN AVE, SUITE 131
MESA, ARIZONA 85210
TELEPHONE: (480) 207-2669
CONTACT: ZACH HILL, P.E.

SURVEYOR

SURVEY INNOVATION GROUP, INC.
22425 N. 16TH ST., SUITE 1
PHOENIX, ARIZONA 85024
TELEPHONE: (480) 922-0780
CONTACT: JERRY L. DODD JR.

OWNER/DEVELOPER

SONORA WEST DEVELOPMENT INC.
8937 EAST BELL ROAD
SUITE 100
SCOTTSDALE, AZ 85260
TELEPHONE: (606) 980-1145
CONTACT: SCOTT PFEIFFER

UTILITIES

WATER CITY OF SCOTTSDALE
SEWER CITY OF SCOTTSDALE
ELECTRIC ARIZONA PUBLIC SERVICE CO
TELEPHONE CENTURYLINK
CABLE T.V. COX COMMUNICATIONS
GAS SOUTHWEST GAS

LEGAL DESCRIPTION

SOLITUDE (EAST PORTION):

A PORTION OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

HV91 (WEST PORTION):

THE WEST HALF OF THE NORTHEAST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

SITE DATA

GROSS AREA 40.03 AC±
NET AREA 37.63 AC±
TOTAL NUMBER OF LOTS 33
AVERAGE LOT AREA 1 AC±
MINIMUM LOT AREA 32,250 S.F.
DENSITY 0.825 DU/AC

LOT QUANTITIES

LOT NO.	AREA (SQ FT)
1	68215
2	52838
3	43861
4	60342
5	32968
6	32262
7	32256
8	32260
9	40536
10	33603
11	33476
12	43100
13	44635
14	33249
15	51580
16	61617
17	33443
18	33187
19	42800
20	41859
21	39793
22	43200
23	35665
24	36224
25	50678
26	43279
27	36904
28	52382
29	33235
30	38961
31	36023
32	45457
33	40720

BENCHMARK

NORTHEAST CORNER SECTION 7, FOUND 4" MARICOPA ENGINEERING DEPARTMENT BRASS CAP IN HANDHOLE, DOWN 0.7" AT THE INTERSECTION OF HAPPY VALLEY ROAD AND ALMA SCHOOL ROAD.

ELEVATION=2223.157 (NAVD 88)

BASIS OF BEARING

THE BASIS OF BEARING IS THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 7, T4N, R5E. BEARING S89°58'16"E, RECORDED IN BOOK 1326, PAGE 31, MARICOPA COUNTY RECORDS.

ZONING

R1-43 ESL AMENDED STANDARDS

BUILDING SETBACKS

FRONT: 30'
SIDE: 15'
REAR: 35'

NAOS DEDICATION

A MAJORITY OF THE AREAS OUTSIDE OF BUILDING ENVELOPES AND ROADWAY TRACTS WILL BE DEDICATED ON THE FINAL PLAT AS NATURAL AREA OPEN SPACE (NAOS).

REQUIRED NAOS: 11.02 AC (29%)
PROVIDED NAOS: 12.03 AC (32%)

PER LOT NAOS PROVIDED ON FINAL PLAT AND FINAL NAOS EXHIBIT. PER LOT NAOS FOR REFERENCE ONLY. NAOS REQUIRED IS FOR ENTIRE PROJECT NOT PER LOT BASIS.

NAOS LOCATED IN TRACTS TO BE MAINTAINED BY THE SOLITUDE HOMEOWNERS ASSOCIATION. NAOS LOCATED ON LOT TO BE MAINTAINED BY INDIVIDUAL PROPERTY OWNER.

PRELIMINARY EARTHWORK (FOR NEW SOLITUDE GRADING)
PHASE 1: RAW CUT: 7,471.71 CY
PHASE 2: RAW CUT: 2,357.20 CY
RAW FILL: 9,596.87 CY
RAW FILL: 29,165.96 CY

GRADING NOTES

1. C2 & F2 INDICATE ANTICIPATED CUT AND FILL HEIGHTS AT THE LOCATION FROM PROPOSED PAD ELEVATION TO EXISTING GROUND.

FIRE DEPARTMENT NOTES

(GATE PERMITTED AND INSTALLED WITH HV91)

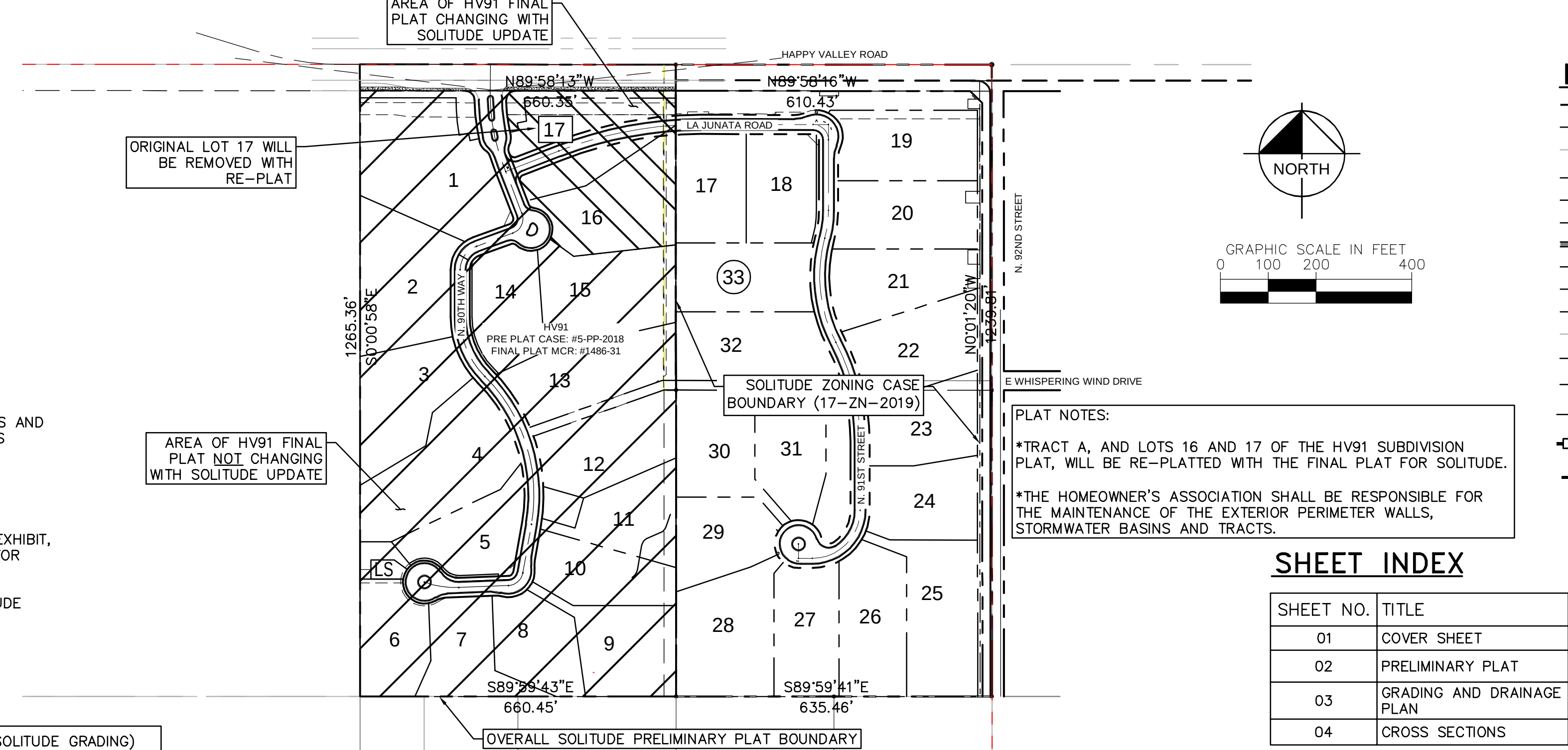
- UNOBSTRUCTED VERTICAL CLEARANCE MIN. 13'6"
- PROVIDE KNOX ENTRY ACCESS SYSTEM
 - KNOX KEY BOX
 - KNOX KEY CYLINDER
 - KNOX OVERRIDE & PRE-EMPTION STROBE SWITCH FOR AUTOMATIC GATES
- HYDRANT SPACING PER DS&PM 6-1.502.
- FIRE LANE SURFACE WILL SUPPORT 83,000 LBS. (GVW)

TRACT TABLE

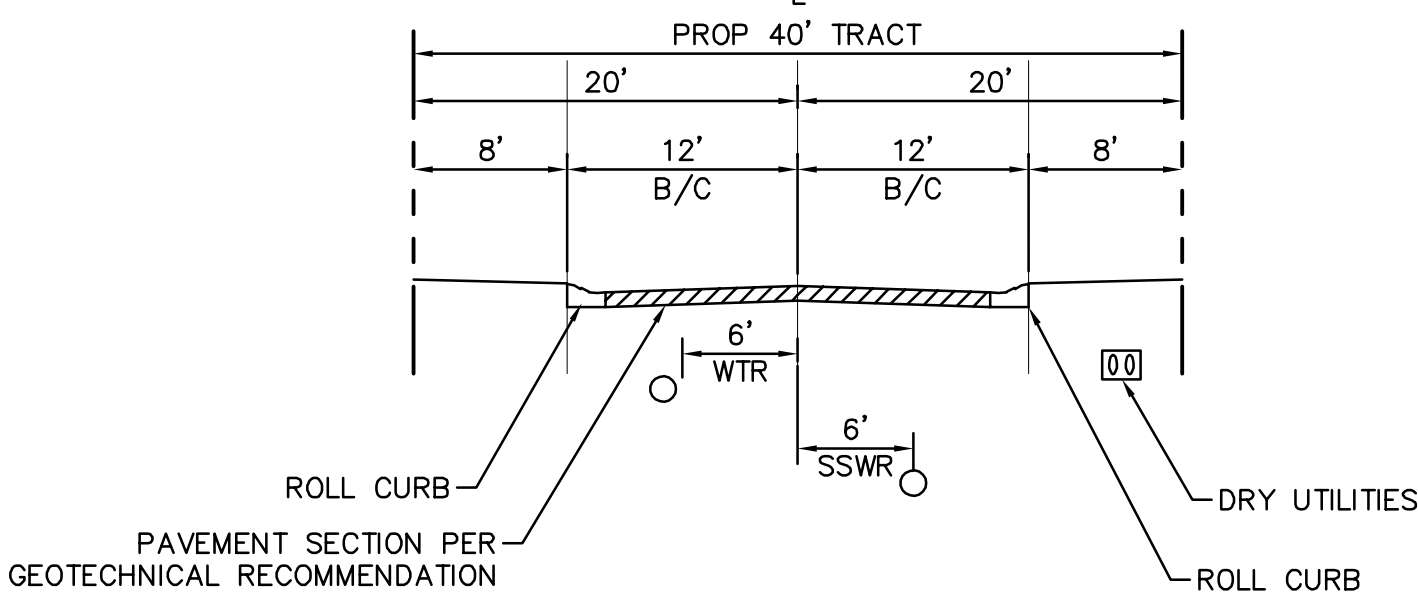
NAME	OWNERSHIP/MAINT.	TRACT USES	AREA (ACRES)
TRACT A	PRIVATE HOA	PRIVATE STREET/ACCESS	1.53
TRACT A (ADDITIONAL)	PRIVATE HOA	PRIVATE STREET/ACCESS EMERGENCY & SERVICE ACCESS WATER AND SEWER PUE	1.71
TRACT B	PRIVATE HOA	OPEN SPACE / SIDEWALK / TRAIL	0.15
TRACT C	PRIVATE HOA	OPEN SPACE / SIDEWALK / TRAIL	0.70
TRACT D	PRIVATE HOA	OPEN SPACE / UTILITIES / DRAINAGE	0.15
TRACT E	PRIVATE HOA	OPEN SPACE / DRAINAGE / NAOS	0.12
TRACT F	PRIVATE HOA	OPEN SPACE / DRAINAGE / NAOS	0.10
TRACT G	CITY OF SCOTTSDALE	PUBLIC LIFT STATION	0.06
TRACT H	PRIVATE HOA	OPEN SPACE	0.03
TRACT I	PRIVATE HOA	OPEN SPACE	0.02
TRACT J	PRIVATE HOA	OPEN SPACE / DRAINAGE / NAOS	0.93
TRACT K	PRIVATE HOA	OPEN SPACE / DRAINAGE / NAOS	0.55
TRACT L	PRIVATE HOA	OPEN SPACE	0.03

PRELIMINARY PLAT
AND
PRELIMINARY GRADING AND DRAINAGE
FOR
SOLITUDE

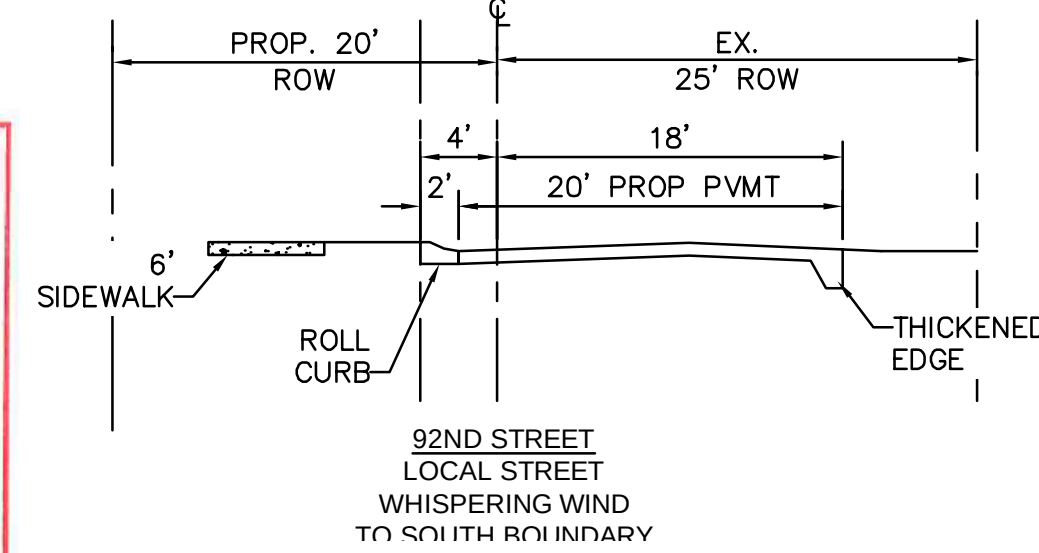
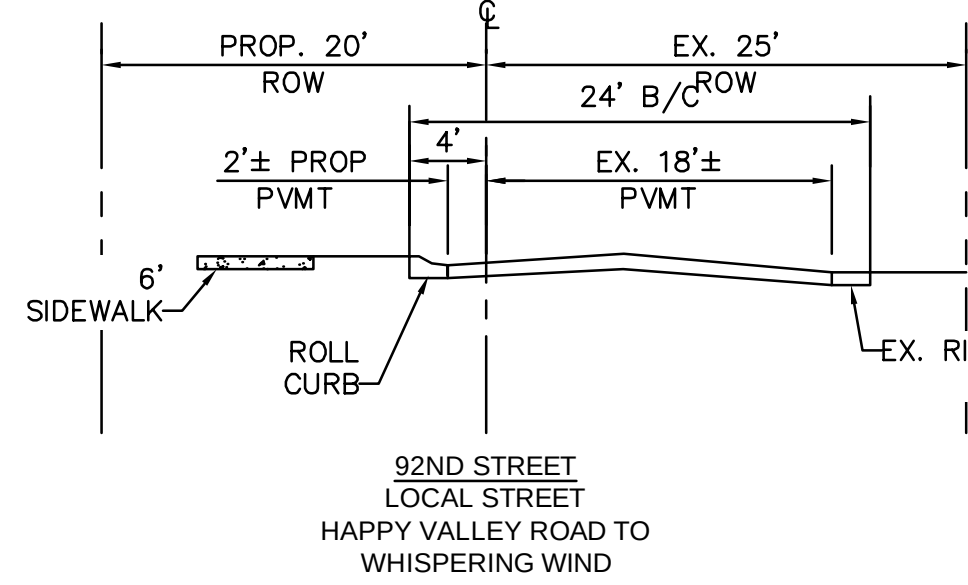
A PORTION OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.



PROJECT MAP



INTERNAL STREET SECTION
LOCAL RESIDENTIAL - RURAL/ESL CHARACTER

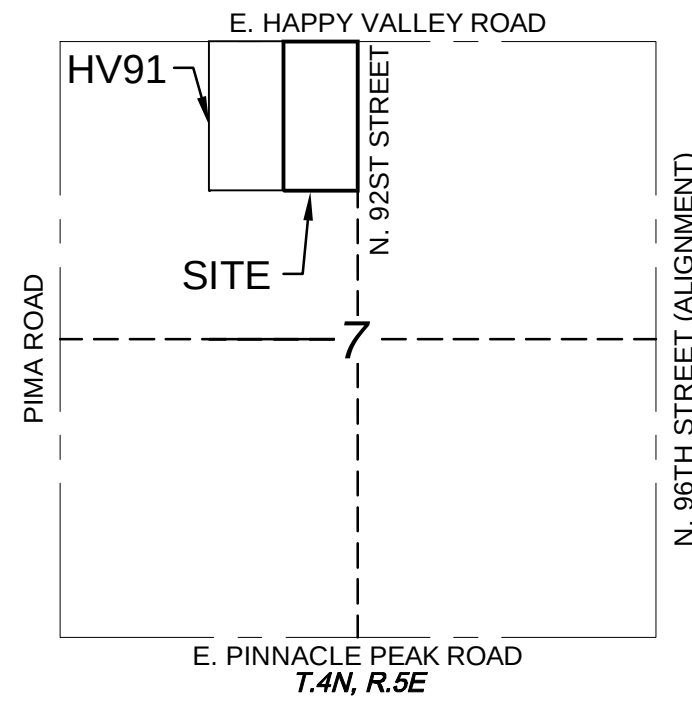


FLOOD INFORMATION

COMMUNITY NUMBER	PANEL NUMBER	SUFFIX	DATE OF FIRM	FIRM ZONE	BASE FLOOD ELEVATION
04013	1310	L	10/16/2013	X	N/A

ENGINEERS CERTIFICATION:

THE LOWEST FLOOR ELEVATIONS AND/OR FLOOD PROOFING ELEVATIONS ON THIS PLAN ARE SUFFICIENTLY HIGH TO PROVIDE PROTECTION FROM FLOODING CAUSED BY A 100-YEAR STORM, AND ARE IN ACCORDANCE WITH SCOTTSDALE REVISED CODE, CHAPTER 37 - FLOODPLAIN AND STORMWATER REGULATIONS.



VICINITY MAP
N.T.S.

LEGEND

- PROPERTY LINE
- PROPOSED EASEMENT
- EXISTING EASEMENT
- PROPOSED WATER LINE
- PROPOSED SEWER LINE
- PROPOSED FORCEMAIN
- PROPOSED STORM DRAIN
- PROPOSED LOT LINE
- PROPOSED RIGHT-OF-WAY
- PROPOSED EDGE OF PAVEMENT
- EXISTING EDGE OF PAVEMENT
- PROPOSED CENTERLINE
- BUILDING SETBACK
- DRAINAGE SWALE
- RETAINING WALL
- 100-YEAR INUNDATION LIMITS
- PROPOSED SURVEY MONUMENT
- PROPOSED FIRE HYDRANT
- PUBLIC NON-MOTORIZED ACCESS EASEMENT
- RIGHT-OF-WAY
- BACK OF CURB
- TYPICAL
- HIGHWAY EASEMENT
- ACCESS EASEMENT
- DRAINAGE EASEMENT
- EXISTING CENTERLINE
- PROPERTY LINE
- HOMEOWNERS ASSOCIATION
- WATER AND SEWER FACILITIES EASEMENT
- REAR YARD SETBACK
- SIDE YARD SETBACK
- FRONT YARD SETBACK
- CUBIC FEET PER SECOND
- TO BE ABANDONED
- SIGHT VISIBILITY TRIANGLE
- DESERT SCENIC ROADWAY EASEMENT
- TO BE ABANDONED
- VEHICULAR NON-ACCESS EASEMENT
- PEDESTRIAN AND VEHICULAR ACCESS EASEMENT
- PAVEMENT SPOT ELEVATION AT FINISHED GRADE
- FLOW LINE
- EXISTING GRADE
- SLOPE AT FINISHED GRADE
- PROPOSED LOT NUMBERS
- LAST LOT IDENTIFIER
- CROSS SECTION ID
- PEAK FLOWS:
27 - POST DEVELOPMENT
(30) - PRE DEVELOPMENT
- FILL AREA GREATER THAN 6' (AND LESS THAN 8')
- CUT AREA GREATER THAN 6' (AND LESS THAN 8')
- APPROX. LIMITS OF 100 YEAR INUNDATION
- PAD CONSTRUCTION ENVELOPE

Kimley»Horn

SOLITUDE
PRELIMINARY PLAT
COVER SHEET
SCOTTSDALE, ARIZONA

Professional Engineer
63454
ZACHARY J. HILL
Expires 08/31/25

PROJECT NO.
291203001

DRAWING NAME
03001CV

01 of 04

ALTA / NSPS LAND TITLE SURVEY
HV92

A PORTION OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5
EAST OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA.

SCHEDULE 'B' ITEMS - ORDER NO. 22004394-022-LB1-LS

1. PROPERTY TAXES, WHICH ARE A LIEN NOT YET DUE AND PAYABLE, INCLUDING ANY ASSESSMENTS COLLECTED WITH TAXES TO BE LEVIED FOR THE YEAR 2019.
***NOT A SURVEY MATTER.**
2. LIABILITIES AND OBLIGATIONS IMPOSED UPON SAID LAND BY ITS INCLUSION WITHIN ANY DISTRICT FORMED PURSUANT TO TITLE 48, ARIZONA REVISED STATUTES.
***NOT A SURVEY MATTER.**
3. THE RIGHT OF ENTRY TO PROSPECT FOR, MINE AND REMOVE THE MINERALS EXCEPTED FROM THE DESCRIPTION OF SAID LAND IN SCHEDULE A.
***NOT A SURVEY MATTER.**
4. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS SET FORTH IN A DOCUMENT; PURPOSE: PUBLIC ROADWAY AND UTILITIES RECORDING NO.: 1991-0019138.
***AS SHOWN.**
5. MATTERS CONTAINED IN THAT CERTAIN DOCUMENT ENTITLED: REQUEST FOR LOT SPLIT RECORDING NO.: 1991-0075502. REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
***NOT A SURVEY MATTER.**
6. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS SET FORTH IN A DOCUMENT; PURPOSE: ROAD AND UTILITIES RECORDING NO.: 1991-0075503.
***AS SHOWN.**
7. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS SET FORTH IN A DOCUMENT; PURPOSE: PUBLIC ROADWAY AND PUBLIC UTILITIES RECORDING NO.: 1991-0019139.
***AS SHOWN.**
9. MATTERS SHOWN ON RECORD OF SURVEY; RECORDING NO.: BOOK 796, PAGE 34 OF SURVEYS.
***NO MATTERS TO SHOW.**
10. A NOTICE ENTITLED: NOTICE OF REIMBURSEMENT REQUIREMENT FOR SEWER LINE EXTENSION RECORDING DATE: JUNE 12, 2013 RECORDING NO.: 2013-0539900. REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
***NOT A SURVEY MATTER.**
11. A NOTICE ENTITLED: NOTICE OF REIMBURSEMENT REQUIREMENT FOR WATER LINE EXTENSION RECORDING DATE: JUNE 12, 2013 RECORDING NO.: 2013-0539901. REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
***NOT A SURVEY MATTER.**
12. A NOTICE ENTITLED: NOTICE OF REIMBURSEMENT REQUIREMENT FOR WATER LINE EXTENSION RECORDING DATE: JUNE 12, 2013 RECORDING NO.: 2013-0539953. REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
***NOT A SURVEY MATTER.**
13. DEVELOPER SEWER LINE PAYBACK AGREEMENT EXECUTED BY: CITY OF SCOTTSDALE, A MUNICIPAL CORPORATION AND TIMOTHY J. DONMOYER RECORDING DATE: JUNE 12, 2013 RECORDING NO.: 2013-0539619.
***NOT A SURVEY MATTER.**

SCHEDULE 'B' ITEMS - ORDER NO. 22004329-022-LB1-LS

1. PROPERTY TAXES, WHICH ARE A LIEN NOT YET DUE AND PAYABLE, INCLUDING ANY ASSESSMENTS COLLECTED WITH TAXES TO BE LEVIED FOR THE YEAR 2019.
***NOT A SURVEY MATTER.**
2. RESERVATIONS CONTAINED IN THE PATENT FROM: THE UNITED STATES OF AMERICA RECORDING NO: BOOK 334 OF DEEDS, PAGE 404 WHICH AMONG OTHER THINGS RECITES AS FOLLOWS:
SUBJECT TO ANY VESTED AND ACCRUED WATER RIGHTS FOR MINING, AGRICULTURAL, MANUFACTURING, OR OTHER PURPOSES AND RIGHTS TO DITCHES AND RESERVOIRS USED IN CONNECTION WITH SUCH WATER RIGHTS, AS MAY BE RECOGNIZED AND ACKNOWLEDGED BY THE LOCAL CUSTOMS, LAWS AND DECISIONS OF THE COURTS, AND THE RESERVATION FROM THE LANDS HEREBY GRANTED, A RIGHT OF WAY THEREON FOR DITCHES OR CANALS CONSTRUCTED BY THE AUTHORITY OF THE UNITED STATES.
***NO EVIDENCE OF DITCHES OR RESERVOIRS ON PARCEL.**
3. WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT DISCLOSED BY THE PUBLIC RECORDS.
***NOT A SURVEY MATTER.**
4. MATTERS CONTAINED IN THAT CERTAIN DOCUMENT ENTITLED: ROAD MAPS RECORDING NO: BOOK 6, PAGE 4 OF ROAD MAPS AND IN BOOK 15, PAGE 85 OF ROAD MAPS REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
***AS SHOWN.**
5. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS SET FORTH IN A DOCUMENT; PURPOSE: HIGHWAY PURPOSES RECORDING NO: DOCKET 5200, PAGE 337
***AS SHOWN.**
6. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS SET FORTH IN A DOCUMENT; PURPOSE: DRAINAGE AND FLOOD CONTROL RECORDING NO: 85-549705.
***AS SHOWN.**
7. MATTERS CONTAINED IN THAT CERTAIN DOCUMENT ENTITLED: DEVELOPER WATER LINE PAYBACK AGREEMENT RECORDING NO: 2013-539588 THEREAFTER NOTICE OF REIMBURSEMENT REQUIREMENT RECORDED IN RECORDING NO. 2013-539901. THEREAFTER NOTICE OF REIMBURSEMENT REQUIREMENT RECORDED IN RECORDING NO. 2013-539953. THEREAFTER ASSIGNMENT RECORDED IN RECORDING NO. 2013-550810. REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
***NOT A SURVEY MATTER.**
8. MATTERS CONTAINED IN THAT CERTAIN DOCUMENT ENTITLED: DEVELOPER SEWER LINE PAYBACK AGREEMENT RECORDING NO: 2013-539619 REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
***NOT A SURVEY MATTER.**
9. ANY RIGHTS OF THE PARTIES IN POSSESSION OF A PORTION OF, OR ALL OF, SAID LAND, WHICH RIGHTS ARE NOT DISCLOSED BY THE PUBLIC RECORDS.
***NOT A SURVEY MATTER.**
10. MATTERS WHICH MAY BE DISCLOSED BY AN INSPECTION AND/OR BY A CORRECT ALTA/NSPS LAND TITLE SURVEY OF SAID LAND THAT IS SATISFACTORY TO THE COMPANY, AND/OR BY INQUIRY OF THE PARTIES IN POSSESSION THEREOF.

SCHEDULE 'B' ITEMS - ORDER NO. 22004314-022-LB1-LS

1. PROPERTY TAXES, WHICH ARE A LIEN NOT YET DUE AND PAYABLE, INCLUDING ANY ASSESSMENTS COLLECTED WITH TAXES TO BE LEVIED FOR THE YEAR 2019.
***NOT A SURVEY MATTER.**
2. LIABILITIES AND OBLIGATIONS IMPOSED UPON SAID LAND BY ITS INCLUSION WITHIN ANY DISTRICT FORMED PURSUANT TO TITLE 48, ARIZONA REVISED STATUTES.
***NOT A SURVEY MATTER.**
3. RESERVATIONS, EXCEPTIONS AND PROVISIONS CONTAINED IN THE PATENT AND IN THE ACTS AUTHORIZING THE ISSUANCE THEREOF.
***DOCUMENT NOT PROVIDED.**
4. WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT DISCLOSED BY THE PUBLIC RECORDS.
***NOT A SURVEY MATTER.**
5. MATTERS SHOWN ON RECORD OF SURVEY; RECORDING NO.: BOOK 796, OF SURVEYS, PAGE 34
***NO MATTERS TO SHOW.**
6. MATTERS CONTAINED IN THAT CERTAIN DOCUMENT ENTITLED: DEED OF RIGHT OF WAY DEDICATION RECORDING NO.: 1991-75503. REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS
***AS SHOWN.**
7. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS SET FORTH IN A DOCUMENT; PURPOSE: PRIVATE ROADWAY AND PUBLIC UTILITIES RECORDING NO.: 1991-19136
***AS SHOWN.**
8. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS SET FORTH IN A DOCUMENT; PURPOSE: ROADWAY AND UTILITIES RECORDING NO.: 1991-19138
***AS SHOWN.**
9. MATTERS WHICH MAY BE DISCLOSED BY AN INSPECTION AND/OR BY A CORRECT ALTA/NSPS LAND TITLE SURVEY OF SAID LAND THAT IS SATISFACTORY TO THE COMPANY, AND/OR BY INQUIRY OF THE PARTIES IN POSSESSION THEREOF.
10. ANY RIGHTS OF THE PARTIES IN POSSESSION OF A PORTION OF, OR ALL OF, SAID LAND, WHICH RIGHTS ARE NOT DISCLOSED BY THE PUBLIC RECORDS.
***NOT A SURVEY MATTER.**

LEGAL DESCRIPTION - ORDER NO. 22004314-022-LB1-LS

THE LAND REFERRED TO HEREIN BELOW IS SITUATED SCOTTSDALE, IN THE COUNTY OF MARICOPA, STATE OF ARIZONA, AND IS DESCRIBED AS FOLLOWS:

PARCEL NO. 1:
THE WEST HALF OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

PARCEL NO. 2:
AN EASEMENT FOR PRIVATE ROADWAY AND PUBLIC UTILITIES OVER AND ACROSS:
THE EAST 25 FEET OF THE NORTH 679.94 FEET OF THE WEST HALF OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA RECORDED JANUARY 16, 1991 AT RECORDERS NO. 1991-19136.

LEGAL DESCRIPTION - ORDER NO. 22004329-022-LB1-LS

THE LAND REFERRED TO HEREIN BELOW IS SITUATED SCOTTSDALE, IN THE COUNTY OF MARICOPA, STATE OF ARIZONA, AND IS DESCRIBED AS FOLLOWS:

THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

LEGAL DESCRIPTION - ORDER NO. 22004394-022-LB1-LS

THE LAND REFERRED TO HEREIN BELOW IS SITUATED SCOTTSDALE, IN THE COUNTY OF MARICOPA, STATE OF ARIZONA, AND IS DESCRIBED AS FOLLOWS:

PARCEL NO.1:
THE EAST HALF OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

EXCEPT ALL MINERALS, URANIUM, THORIUM, OR ANY OTHER MATERIAL WHICH IS ESSENTIAL TO THE PRODUCTION OF FISSONABLE MATERIALS AS RESERVED IN THE PATENT.

PARCEL NO.2:
AN EASEMENT FOR PRIVATE ROADWAY AND PUBLIC UTILITIES AS CREATED BY RECORDING NO. 1991-0019136 OVER THE EAST 25 FEET OF THE NORTH 679.94 FEET OF THE WEST HALF OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

NOTES

THIS SURVEY IS BASED ON COMMITMENT FOR TITLE INSURANCE ISSUED BY FIDELITY NATIONAL TITLE AGENCY, INC. ORDER NO. 22004329-022-LB1-LS COMMITMENT DATE: MARCH 7, 2019 AT 7:30 A.M., ORDER NO. 22004314-022-LB1-LS COMMITMENT DATE: MARCH 28, 2019 AT 7:30 A.M., AMENDMENT NO. 2, AMENDMENT DATE: APRIL 5, 2019 AND ORDER NO. 22004394-022-LB1-LS COMMITMENT DATE: APRIL 17, 2019 AT 7:30 A.M.

THE SURVEYOR'S SCOPE-OF-SERVICES IS LIMITED TO PROVIDING SERVICES IN A MANNER CONSISTENT WITH THE DEGREE OF CARE AND SKILL ORDINARILY EXERCISED BY MEMBERS OF THE SAME PROFESSION CURRENTLY PRACTICING UNDER SIMILAR CONDITIONS. SCHEDULE "B" ITEM DOCUMENTS MAY CONTAIN ENCUMBRANCES WHICH AFFECT THE SUBJECT PROPERTY WHICH THE SURVEYOR IS NOT QUALIFIED TO INTERPRET AND/OR ARE NOT WITHIN THE SURVEYOR'S SCOPE-OF-SERVICES (SEE CERTIFICATION). IT IS RECOMMENDED THAT INTERESTED AND AFFECTED PARTIES OBTAIN COUNSEL FOR INTERPRETATION OF ALL SCHEDULE "B" DOCUMENTS REFERENCED IN THE TITLE REPORT.

THE SURVEYOR HAS RELIED SOLELY ON INFORMATION SUPPLIED TO THE SURVEYOR FROM EITHER THE CLIENT OR THE TITLE COMPANY AND HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, OR ANY OTHER MATTERS THAT MAY AFFECT THE SUBJECT PROPERTY.

PURSUANT TO TABLE "A" ITEM 6, THE SURVEYOR HAS SHOWN THE ZONING CLASSIFICATION AS SET FORTH BY THE LOCAL AGENCY OF JURISDICTION AND OR IDENTIFIED IN A ZONING REPORT OR LETTER AS PROVIDED TO THE SURVEYOR BY THE CLIENT OR CLIENT'S REPRESENTATIVE AS NOTED ON THIS SURVEY.

PURSUANT TO TABLE A, ITEM 11, UNDERGROUND UTILITY INFORMATION SHOWN IS FROM PLANS AND/OR FIELD MARKINGS OF UTILITIES. IN ADDITION, MAPS AND MARKINGS FROM JURISDICTIONS, 811 OR OTHER SIMILAR UTILITY LOCATING COMPANIES MAY BE INCORRECT OR INCOMPLETE. HOWEVER, WITHOUT EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY DEPICTED. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS ADVISED THAT EXCAVATION AND/OR A PRIVATE UTILITY LOCATING COMPANY MAY BE NECESSARY.

PURSUANT TO TABLE "A" ITEM 15, THIS SURVEY INCLUDES THE FOLLOWING METHOD TO LOCATE CERTAIN PHYSICAL FEATURES NOT RELATED TO THE BOUNDARY: PHOTOGRAMMETRIC MAPPING. THIS DATA WAS PROVIDED TO THE SURVEYOR FROM AEROTECH MAPPING INC., FLIGHT DATE JUNE 21, 2019, 1 FOOT CONTOUR INTERVALS.

PURSUANT TO TABLE "A" ITEM 16, THE SURVEYOR DID NOT OBSERVE RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK.

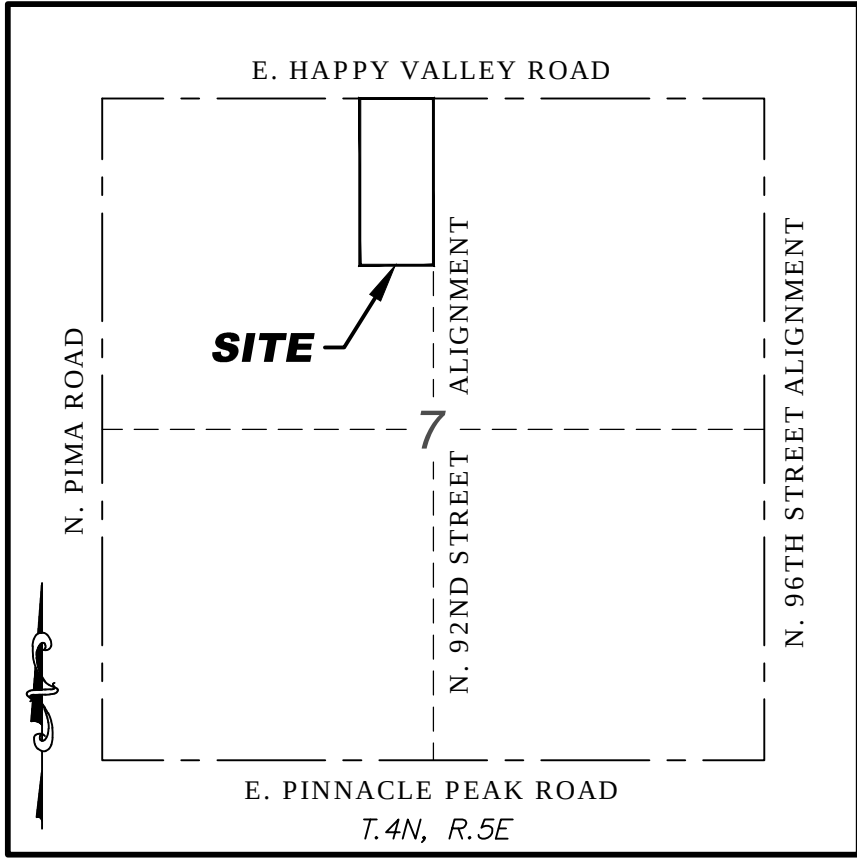
PURSUANT TO TABLE "A" ITEM 17, THE SURVEYOR HAS NOT BEEN INFORMED OF ANY CHANGES IN THE PROPOSED RIGHTS OF WAY. ADDITIONALLY, ANY CHANGES IN RIGHTS OF WAY, WHICH HAVE ALREADY OCCURRED, SHOULD BE VERIFIED BY ADDITIONAL TITLE SEARCH. THE SURVEYOR HAS NOT OBSERVED ANY RECENT STREET OR SIDEWALK CONSTRUCTION IN THE PROCESS OF CONDUCTING THE FIELDWORK.

PURSUANT TO TABLE "A" ITEM 18, THE SURVEYOR HAS NOT OBSERVED MARKERS DELINEATING WETLAND AREAS ON THE SUBJECT PROPERTY.

PURSUANT TO TABLE "A" ITEM 20, A PROFESSIONAL LIABILITY INSURANCE POLICY OBTAINED BY THE SURVEYOR IN THE AMOUNT OF \$2,000,000.00 PER OCCURRENCE AND \$4,000,000.00 GENERAL AGGREGATE TO BE IN EFFECT THROUGHOUT THE CONTRACT TERM. CERTIFICATE OF INSURANCE CAN BE FURNISHED UPON REQUEST.

REFERENCE DOCUMENTS

BOOK & PAGE



VICINITY MAP
N.T.S.

PARCEL AREA TABLE		
PARCEL	±AREA (SF)	±AREA (AC)
ORDER NO. 22004314-022-LB1-LS	217,944	5.003
ORDER NO. 22004329-022-LB1-LS	435,842	10.006
ORDER NO. 22004394-022-LB1-LS	217,921	5.003

ADDRESS

ORDER NO. 22004314-022-LB1-LS
24801 N. 91ST STREET
SCOTTSDALE, AZ 85255

ORDER NO. 22004329-022-LB1-LS
24220 N. 92ND STREET
SCOTTSDALE, AZ 85255

ORDER NO. 22004394-022-LB1-LS
24790 N. 92ND STREET
SCOTTSDALE, AZ 85255

PARKING

NO PARKING DELINEATED ON PARCELS
AT TIME OF SURVEY

BASIS OF BEARING

BASIS OF BEARING, IS THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN AS SHOWN ON THE RECORD OF SURVEY, RECORDED IN BOOK 1326, PAGE 31, MARICOPA COUNTY RECORDS, SAID LINE BEARS S89°58'16"E.

ZONING

ZONE: R1-190 (CITY OF SCOTTSDALE)
ZONING INFORMATION OBTAINED FROM MARICOPA COUNTY ASSESSORS WEBSITE.

*PER 2016 ALTA MINIMUM STANDARD DETAIL REQUIREMENTS: CURRENT ZONING CLASSIFICATION, BUILDING SETBACK REQUIREMENTS AND HEIGHT AND FLOOR SPACE AREA RESTRICTIONS ARE TO BE PROVIDED TO THE SURVEYOR BY THE INSURER. THE CLASSIFICATION, REQUIREMENTS AND RESTRICTIONS HAVE NOT BEEN PROVIDED AT THE TIME OF THIS SURVEY. THE ZONING CLASSIFICATIONS SHOWN ARE FOR REFERENCE.

FLOOD ZONE

ACCORDING TO THE FLOOD INSURANCE RATE MAP #04013C1310 L, DATED OCTOBER 16, 2013, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X".
AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.

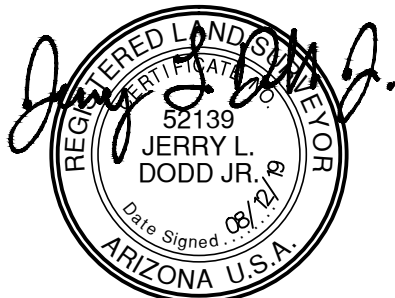
CERTIFICATION

TO: SWD HAPPY VALLEY, LLC, AN ARIZONA LIMITED LIABILITY COMPANY, THOMAS J. O'BRIEN, BISHOP OF THE ROMAN CATHOLIC CHURCH OF THE DIOCESE OF PHOENIX, A CORPORATION SOLE, W.R.F. "FORD" SMITH II, TRUSTEE OF THE W.R.F. FORD SMITH II PARENTS CARE TRUST ESTABLISHED PURSUANT TO THE TERMS OF THE DECLARATION OF REVOCABLE LIVING TRUST DATED OCTOBER 13, 2005, TIM DONMOYER, A MARRIED MAN, AS HIS SOLE AND SEPARATE PROPERTY, FIDELITY NATIONAL TITLE AGENCY, INC

THIS IS TO CERTIFY THAT THIS MAP AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 6(A), 8, 9, 11, 13, 15, 16, 17, 18 AND 20 OF TABLE A THEREOF.

FIELD WORK WAS COMPLETED JUNE, 2019

JERRY L. DODD JR.
22425 N. 16TH STREET, SUITE 1
PHOENIX, ARIZONA 85024
PHONE: 480-922-0780
JERRYD@SIGSURVEYAZ.COM



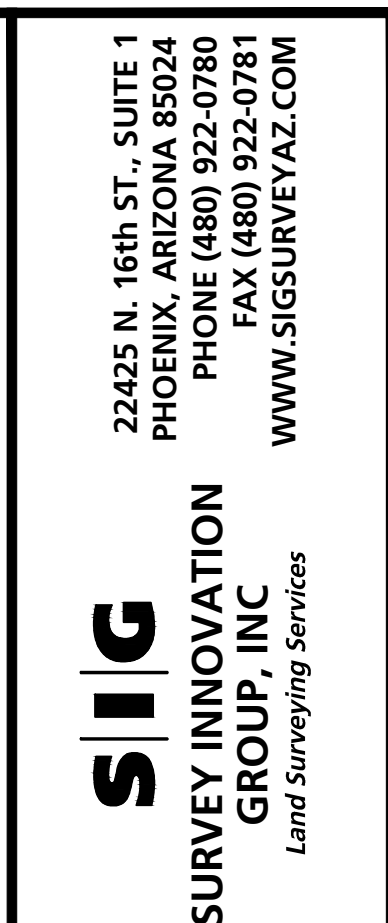
ALTA / NSPS LAND TITLE SURVEY
HV92
SCOTTSDALE, ARIZONA

SIG
SURVEY INNOVATION
GROUP, INC
Land Surveying Services
22425 N. 16th ST., SUITE 1
PHOENIX, ARIZONA 85024
PHONE (480) 922-0780
FAX (480) 922-0781
WWW.SIGSURVEYAZ.COM

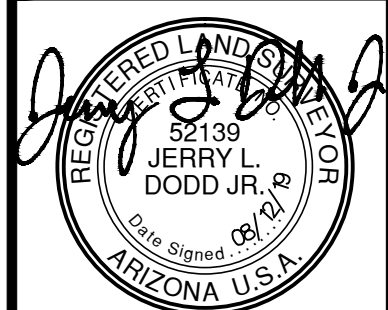
REVISIONS:

- 1
- 2
- 3
- 4

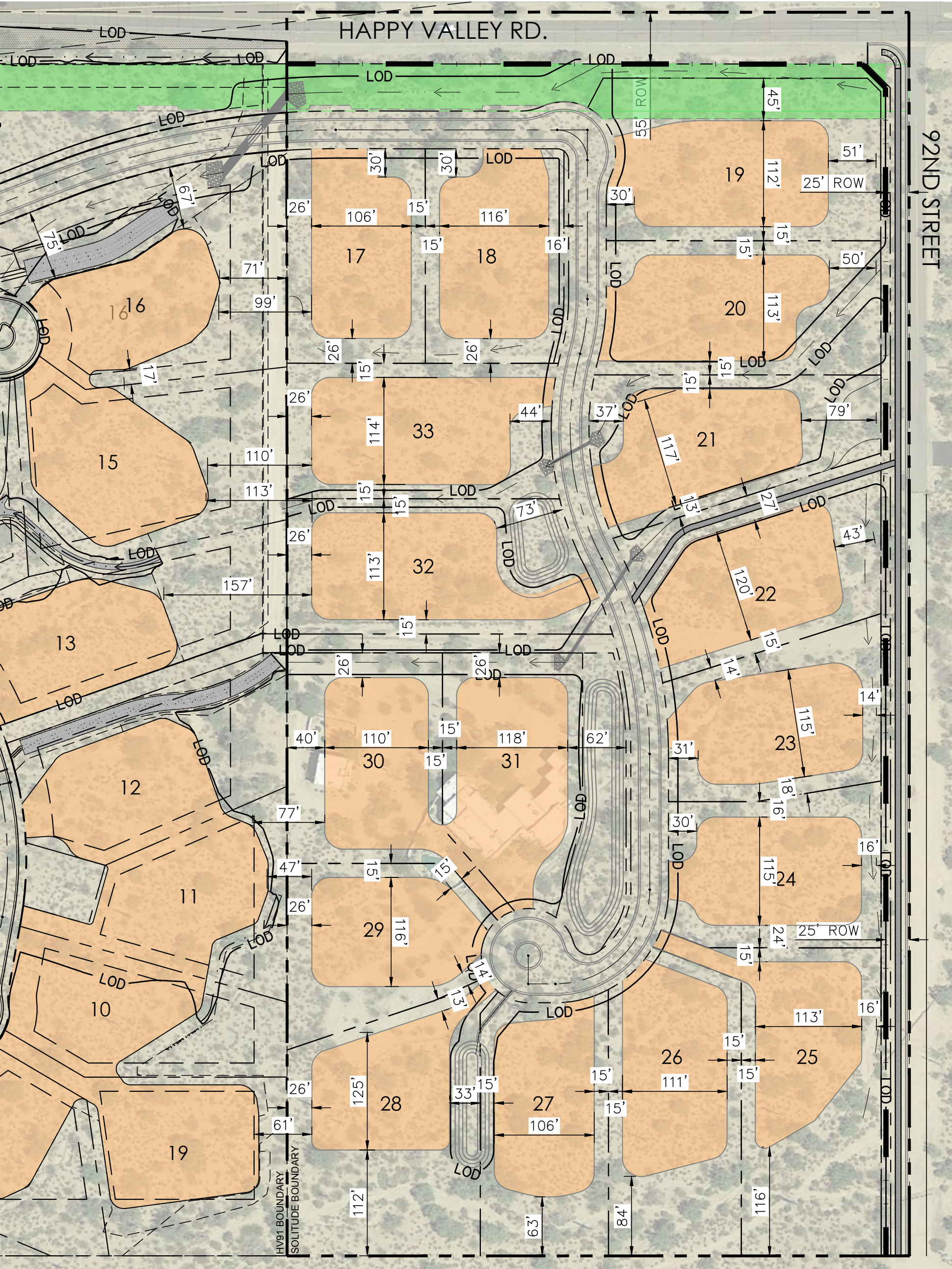
DRAWING NAME:
2018-285 ALTA
JOB NO. 2018-285
DRAWN: JLD
CHECKED: ELS
DATE: 08/08/2019
SCALE: N.T.S.
SHEET: 1 OF 2



ALTA / NSPS LAND TITLE SURVEY
HV92
SCOTTSDALE, ARIZONA



REVISONS:	
	
	
	
DRAWING NAME: 2018-285 ALTA	
JOB NO. 2018-285	
DRAWN: JLD	
CHECKED: ELS	
DATE: 08/08/2019	
SCALE:	1"=80'
SHEET:	2 OF 2

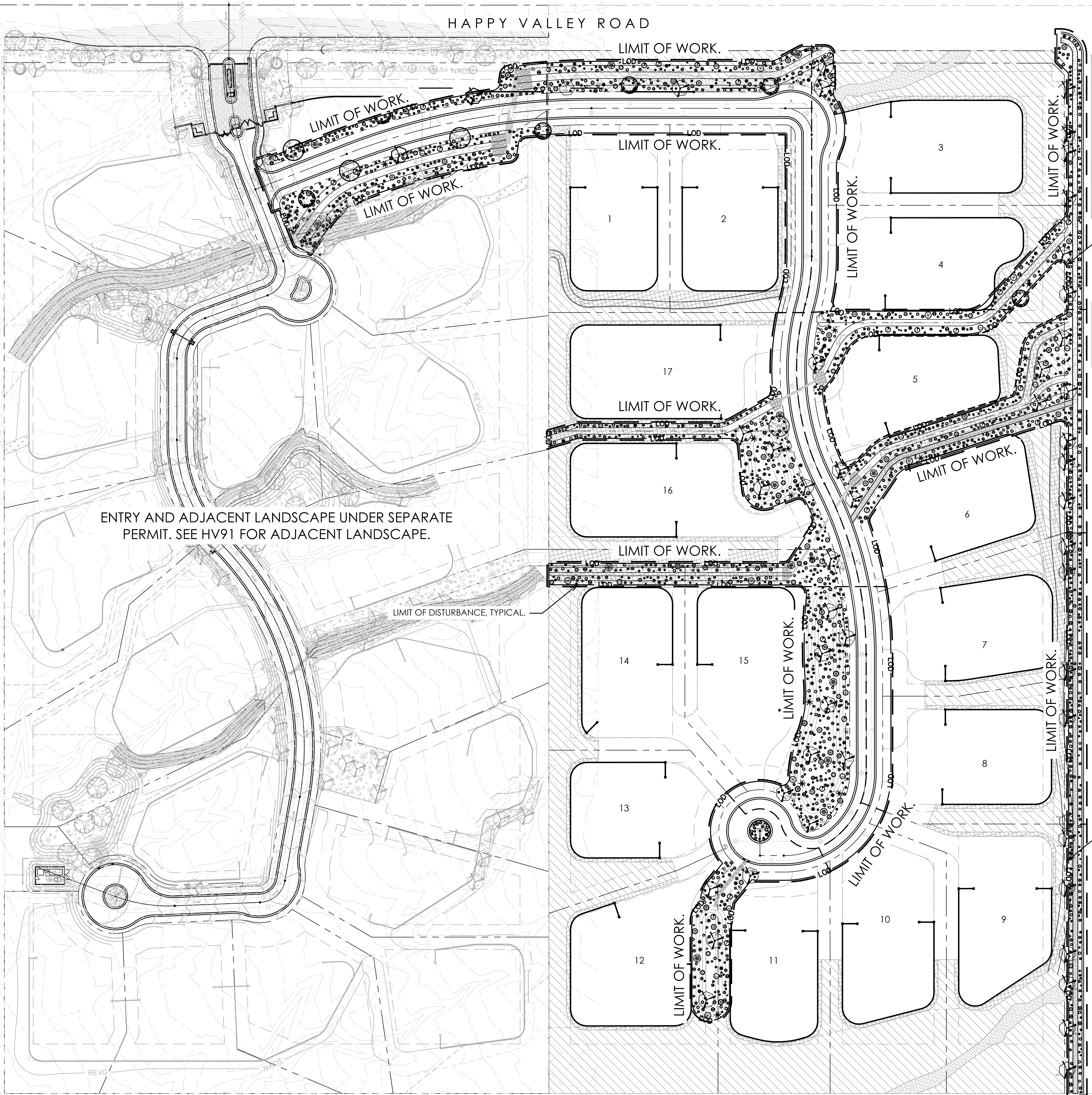


LEGEND

- SITE BOUNDARY
- NET SITE BOUNDARY
- DEVELOPMENT ENVELOPE
- DESERT ROADWAY SETBACK

Solitude by **SWD**
Construction Envelope Plan Scottsdale, AZ

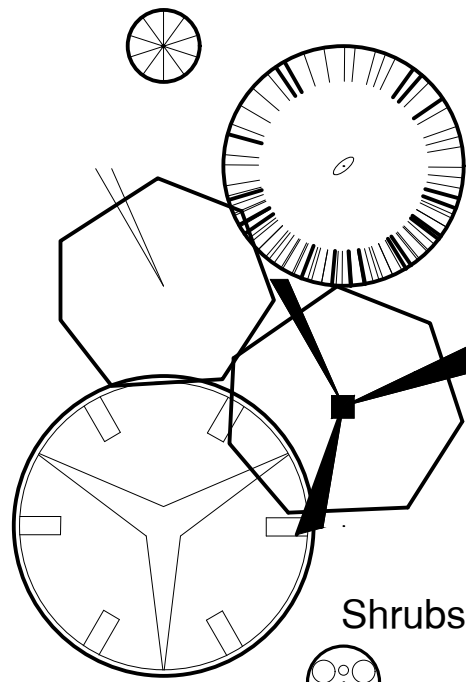
Kimley»Horn
Scale: Approx., #615-PA-19
0' 60' 120' 240'
Date: 08-18-20
Drawn By: DR
Sheet 1 of 1



PLANT MATERIALS LEGEND (PHASE 1)

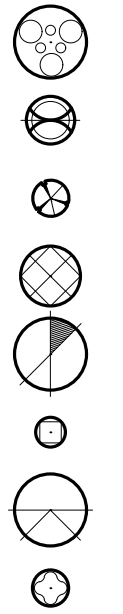
Sym.	Plant Name	Size	Qty	Caliper
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Trees



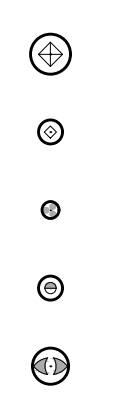
<i>Celtis pallida</i> Desert Hackberry	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	12	1.0-1.5
<i>Chilopsis linearis</i> Desert Willow	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	6	1.0-1.5
<i>Olneya tesota</i> Ironwood	Salvaged	4	2.5-3.5
<i>Parkinsonia microphylla</i> Foothills Palo Verde	50% 15gal/ 50% 24" box. Salvaged	2 46	3.0-4.0
<i>Prosopis velutina</i> Native Mesquite	50% 15gal/ 50% 24" box. Salvaged UNLESS OTHERWISE NOTED.	3 2	3.0-4.0

Shrubs



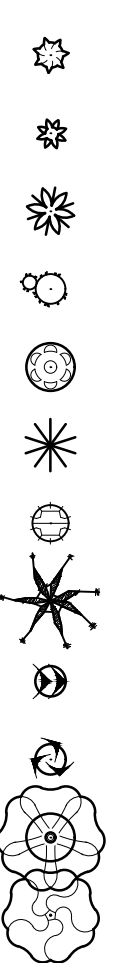
<i>Ambrosia ambrosiodes</i> Giant Bursage	5 gal.	33	-
<i>Calliandra eriophylla</i> Pink Fairy Duster	5 gal.	84	-
<i>Ericameria laricifolia</i> Turpentine Bush	5 gal.	152	-
<i>Justicia californica</i> Chuparosa	5 gal.	43	-
<i>Larrea tridentata</i> Creosote	5 gal.	31	-
<i>Senna covesii</i> Desert Seena	5 gal.	67	-
<i>Simmondsia chinensis</i> Jojoba	5 gal.	11	-
<i>Sphaeralcea ambigua</i> Globe Mallow	5 gal.	148	-

Groundcovers



<i>Abronia villosa</i> Sand Verbena	1 gal.	122	-
<i>Baileya multiradiata</i> Desert Marigold	1 gal.	337	-
<i>Melampodium leucanthum</i> Blackfoot Daisy	1 gal.	144	-
<i>Psilostrophe cooperi</i> Paper Flower	1 gal.	209	-
<i>Viguiera deltoidea</i> Goldeneye	1 gal.	181	-

Accents Cactus



<i>Agave deserti</i> Desert Agave	5 gal.	43	-
<i>Agave murpheyi</i> Murphy's Agave	5 gal.	59	-
<i>Agave palmeri</i> Palmer's Agave	5 gal.	45	-
<i>Carnegiea gigantea</i> Saguaro	Salvaged	-	-
<i>Cyllindropuntia versicolor</i> Staghorn Cholla	5 gal.	59	-
<i>Dasylirion wheeleri</i> Desert Spoon	5 gal.	61	-
<i>Ferocactus wislizenii</i> Fishhook Barrel Cactus	Salvaged	-	-
<i>Fouquieria splendens</i> Ocotillo	Salvaged	-	-
<i>Penstemon parryi</i> Perry's Penstemon	1 gal.	215	-
<i>Penstemon pseudospectabilis</i> Purple Penstemon	1 gal.	119	-
<i>Yucca baccata</i> Banana Yucca	5 gal.	13	-
<i>Yucca elata</i> Soaptree Yucca	5 gal.	8	-

SEE SHEET L3.1 FOR INERT SPECIFICATIONS, LANDSCAPE, REVEGETATION AND HYDROSEED MIX NOTES.

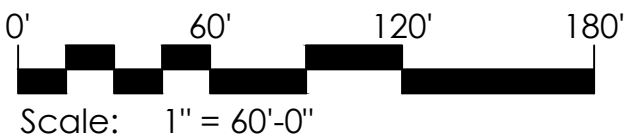
N.A.O.S. LEGEND

Sym.	Description
------	-------------

	NAOS - UNDISTURBED AREA; EXISTING VEGETATION TO REMAIN IN PLACE.
	NAOS - REVEGETATED AREA; TO INCLUDE A COMBINATION OF REVEGETATED PLANT MATERIAL; PLANT MATERIAL AS LISTED AND HYDROSEED MIX.
	NAOS - SCARRED AREA; TO INCLUDE A COMBINATION OF REVEGETATED PLANT MATERIAL; PLANT MATERIAL AS LISTED AND HYDROSEED MIX.

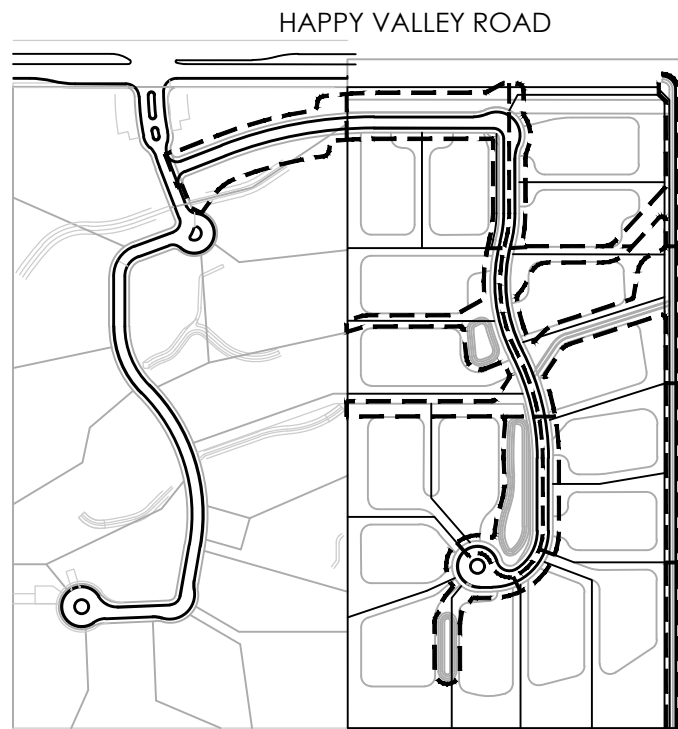
NOTE:
PHASE 1: LANDSCAPE AND DECOMPOSED GRANITE IN ALL TRACTS COMMON AREA(S).

PHASE 2: LANDSCAPE AND DECOMPOSED GRANITE TO OCCUR AT TIME OF SINGLE FAMILY RESIDENTIAL PLANS.



KEY MAP

SCALE: NTS



GREY PICKETT
landscape architecture community design
7144 E. Mission Drive, Suite 205
Scottsdale, AZ 85251
480.609.0000p 480.609.0068t



Solitude
Happy Valley Road and 91st Street
Scottsdale, Arizona

revisions:
project #:
SWD026
scale:
1" = 60'-0"
issued for:
Preliminary Plat
drawn by:
TEAM
date:
05/11/2020
drawing:
Overall Planting Plan
L3.0
1 of 11

HYDROSEED MIX APPLY AT RATE 15 PLS LBS/ACRE		
		PLS LBS/ACRE
AMBROSIA DELTOIDEA	TRIANGLE LEAF BURSAGE	3.0
ATRIPLEX CANESCENS	FOUR-WING SALT BUSH	3.0
ENCELIA FARINOSA	BRITTLEBUSH	2.0
ERICAMERIA LARICIFOLIA	TURPENTINE BUSH	1.0
LARREA TRIDENTATA	CREOSOTE BUSH	2.0
SENNA COVESII	DESERT SENNA	2.0
SPHAERALCEA AMBIGUA	GLOBEMALLOW	2.0

1. PLANTS INSTALLED IN DETENTION BASINS AND DRAINAGE CHANNELS TO CONFORM TO CITY OF SCOTTSDALE DS&PM, SECTION 2-1.903.
2. ALL SIZE AND CALIPER OR PLANT MATERIAL ARE TO COMPLY WITH ARIZONA NURSERYMAN STANDARDS COMPARED TO CONTAINER SIZES

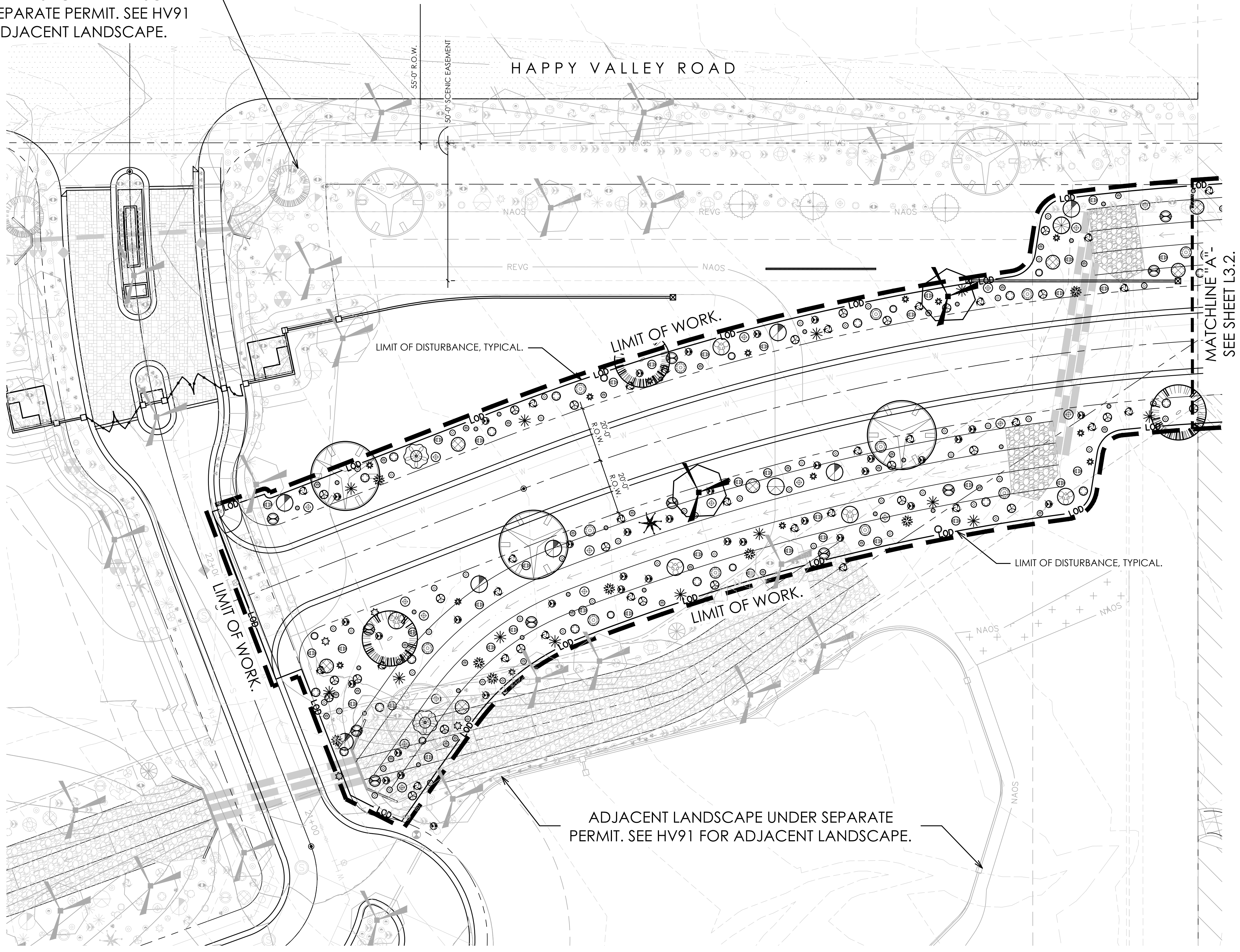
- RE-VEGETATION AND IRRIGATION METHOD:
1. FOR RE-VEGETATED PORTIONS OF THE SITE, A HYDROSEED MIX WILL BE USED TO ALLOW QUICK, EFFICIENT RE-GROWTH OF PLANT MATERIAL WITHIN DISTURBED LANDSCAPE AREAS.
 2. ALL RE-VEGETATED N.A.O.S. AREAS SHALL BE WATERED FOR THREE YEARS MAXIMUM.
 3. CONTAINER-GROWN PLANT MATERIAL SHALL BE IRRIGATED WITH DRIP IRRIGATION
 4. THE SELECTION, PLACEMENT, AND ALIGNMENT (ROTATION) OF ALL ON-SITE NURSERY SALVAGE TREES SHALL BE APPROVED BY THE OWNER OR THE LANDSCAPE ARCHITECT PRIOR TO DIGGING AND PLANTING.

INERTS	
Sym.	Description
	3/4" DESERT GOLD DECOMPOSED GRANITE. 2" DEPTH MINIMUM.
	RIP-RAP PER CIVIL.
N.A.O.S. LEGEND	
Sym.	Description
	NAOS - UNDISTURBED AREA: EXISTING VEGETATION TO REMAIN IN PLACE.
	NAOS - REVEGETATED AREA: TO INCLUDE A COMBINATION OF REVEGETATED PLANT MATERIAL; PLANT MATERIAL AS LISTED AND HYDROSEED MIX.
	NAOS - SCARRED AREA: TO INCLUDE A COMBINATION OF REVEGETATED PLANT MATERIAL; PLANT MATERIAL AS LISTED AND HYDROSEED MIX.

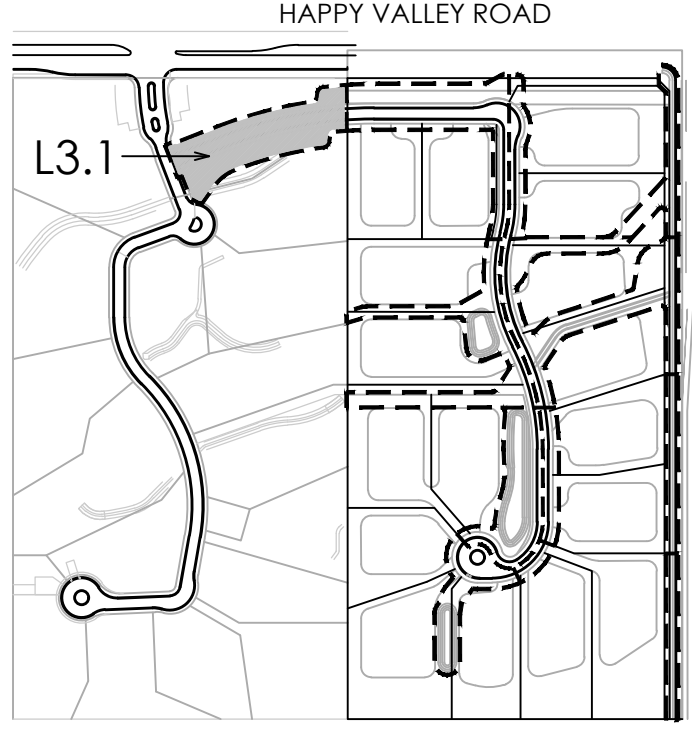
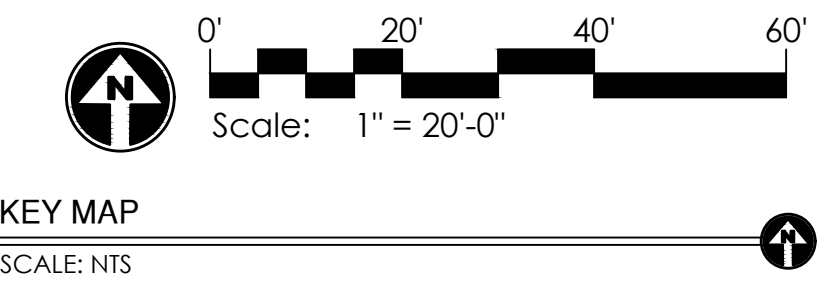
- NOTES:
1. ALL PLANTS SHALL BE WATERED WITH AUTOMATIC DRIP IRRIGATION SYSTEM.
 2. ALL LANDSCAPE AREAS EXCLUDING TURF TO BE COVERED WITH CRUSHED ROCK.
 3. LANDSCAPE ARCHITECT TO APPROVE FINAL GRADING. PLANTING SHALL NOT OCCUR UNTIL FINAL GRADING IS APPROVED.
 4. ALL SHRUBS TO BE PLANTED 3'-0" MINIMUM AWAY FROM EXISTING OR FUTURE WALLS.
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PLANT MATERIALS LEGEND (PHASE 1)				
Sym.	Plant Name	Size	Qty	Caliper
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	<i>Parkinsonia microphylla</i> Foothills Palo Verde	50% 15gal/ 50% 24" box. Salvaged	2 46	3.0-4.0
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	<i>Senna covesii</i> Desert Senna	5 gal.	67	-
	<i>Simmondsia chinensis</i> Jojoba	5 gal.	11	-
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	<i>Agave palmeri</i> Palmer's Agave	5 gal.	45	-
	<i>Carnegiea gigantea</i> Saguaro	Salvaged	-	-
	<i>Cyllindropuntia versicolor</i> Staghorn Cholla	5 gal.	59	-
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	<i>Yucca baccata</i> Banana Yucca	5 gal.	13	-
	<i>Yucca elata</i> Soaptree Yucca	5 gal.	8	-

ENTRY AND ADJACENT LANDSCAPE UNDER SEPARATE PERMIT. SEE HV91 FOR ADJACENT LANDSCAPE.



ADJACENT LANDSCAPE UNDER SEPARATE PERMIT. SEE HV91 FOR ADJACENT LANDSCAPE.



GREY PUCKETT
landscape architecture community design
7144 e. session drive, suite 205
scottsdale, arizona 85251
480.609.0000p 480.609.0068t

50868
RICHARD D. GREY
Professional Seal
Arizona
Expires 08/2022

CALL TWO WORKING DAYS BEFORE YOU DIG
(602) 262-1100
1-800-STAKE-IT
(CODE ARIZONA CONT.)

revisions:

project #:
SWD026

scale:
1" = 20'-0"

issued for:
Preliminary Plat

drawn by:
TEAM

date:
05/11/2020

drawing:
Planting Plan

L3.1
2 of 11

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Greedy Pickett P

5-PP-2020
9/28/2020

HYDROSEED MIX APPLY AT RATE 15 PLS LBS/ACRE

	PLS LBS/ACRE
AMBROSIA DELTOIDEA	3.0
ATRIPLEX CANESCENS	3.0
ENCELIA FARINOSA	2.0
ERICAMERIA LARICIFOLIA	1.0
LARREA TRIDENTATA	2.0
SENNA COVESII	2.0
SPHAERALCEA AMBIGUA	2.0
TRIANGLE LEAF BURSAGE	3.0
FOUR-WING SALT BUSH	3.0
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CREOSOTE BUSH	2.0
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RE-VEGETATION AND IRRIGATION METHOD:

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INERTS

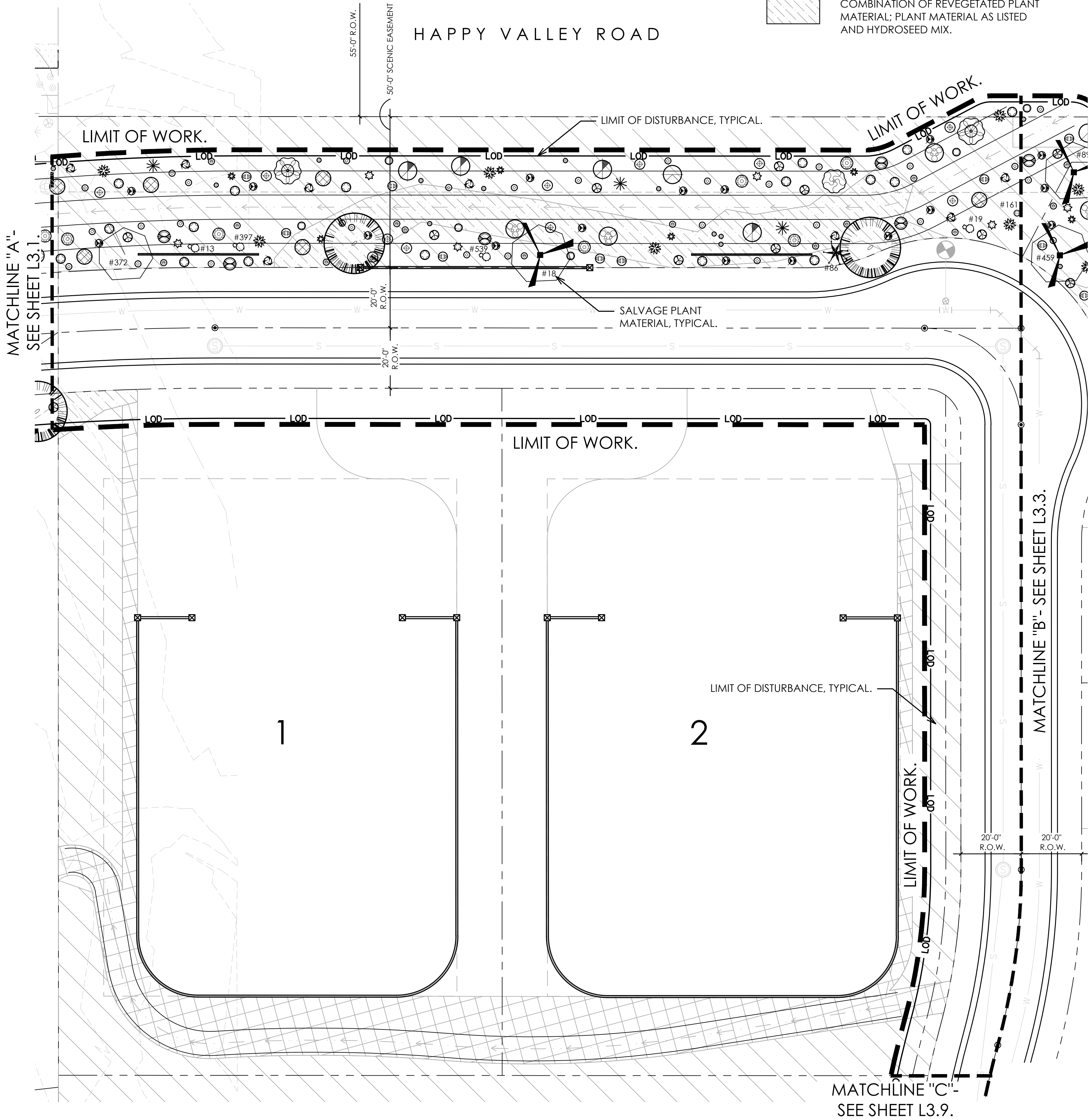
Sym.	Description
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GREY PICKETT
landscape architecture | community design
7144 e scottsdale drive, suite 203
scottsdale, arizona 85251
480.609.0000p 480.609.0068t



Solitude
Happy Valley Road and 91st Street
Scottsdale, Arizona

revisions:

project #: SWD026
scale: 1" = 20'-0"
issued for: Preliminary Plat
drawn by: TEAM
date: 05/11/2020
drawing: Planting Plan

L3.2
3 of 11

RE-VEGETATION AND IRRIGATION METHOD:

1. FOR RE-VEGETATED PORTIONS OF THE SITE, A HYDROSEED MIX WILL BE USED TO ALLOW QUICK, EFFICIENT RE-GROWTH OF PLANT MATERIAL WITHIN DISTURBED LANDSCAPE AREAS.
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NOTES:

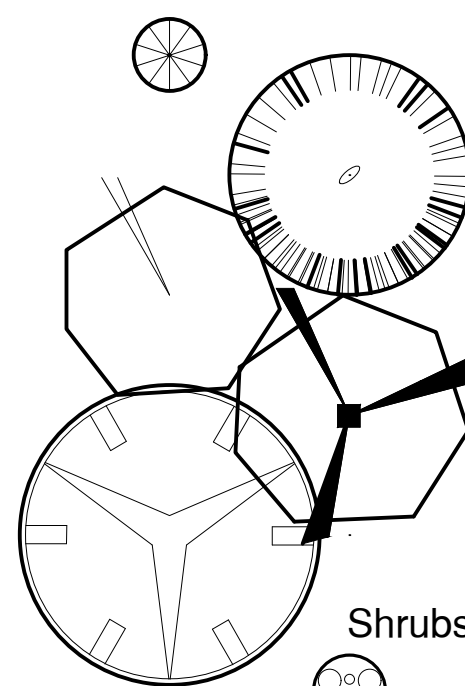
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4. ALL SHRUBS TO BE PLANTED 3'-0" MINIMUM AWAY FROM EXISTING OR FUTURE WALLS.
5. ALL TREES TO BE PLANTED 5'-0" MINIMUM AWAY FROM EXISTING OR FUTURE WALLS.
6. WHERE POSSIBLE, ALL TREES AND SHRUBS TO BE PLANTED 2'-0" MINIMUM AWAY FROM WALKS AND CURBS.
7. PLANT MATERIAL SHALL BE ADJUSTED IN FIELD TO AVOID TREE ROOT BALLS.

Trees					
	<i>Celtis pallida</i> Desert Hackberry	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	12	1.0-1.5	
	<i>Chilopsis linearis</i> Desert Willow	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	6	1.0-1.5	
	<i>Olney tesota</i> Ironwood	Salvaged	4	2.5-3.5	
	<i>Parkinsonia microphylla</i> Foothills Palo Verde	50% 15gal/50% 24" box. Salvaged	2 46	3.0-4.0	
	<i>Prosopis velutina</i> Native Mesquite	50% 15gal/ 50% 24" box. Salvaged UNLESS OTHERWISE NOTED.	3 2	3.0-4.0	
Shrubs					
	<i>Amorpha ambrosioides</i> Giant Bursage	5 gal.	33	-	
	<i>Calliandra eriophylla</i> Pink Fairy Duster	5 gal.	84	-	
	<i>Ericameria laricifolia</i> Turpentine Bush	5 gal.	152	-	
	<i>Justicia californica</i> Chuparosa	5 gal.	43	-	
	<i>Larrea tridentata</i> Creosote	5 gal.	31	-	
	<i>Senna covesii</i> Desert Seena	5 gal.	67	-	
	<i>Simmondsia chinensis</i> Jojoba	5 gal.	11	-	
	<i>Sphaeralcea ambigua</i> Globe Mallow	5 gal.	148	-	

Groundcovers			
	<i>Abronia villosa</i> Sand Verbena	1 gal.	122
	<i>Baileya multiradiata</i> Desert Marigold	1 gal.	337
	<i>Melampodium leucanthum</i> Blackfoot Daisy	1 gal.	144
	<i>Psilostrophe cooperi</i> Paper Flower	1 gal.	209
	<i>Viguiera deltoidea</i> Goldeneve	1 gal.	181

Accents Cactus

	<i>Agave deserti</i> Desert Agave	5 gal.	43
	<i>Agave murpheyi</i> Murphy's Agave	5 gal.	59
	<i>Agave palmeri</i> Palmer's Agave	5 gal.	45
	<i>Carnegiea gigantea</i> Saguaro	Salvaged	-
	<i>Cylindropuntia versicolor</i> Staghorn Cholla	5 gal.	59
	<i>Dasylirion wheeleri</i> Desert Spoon	5 gal.	61
	<i>Ferocactus wislizenii</i> Fishhook Barrel Cactus	Salvaged	-
	<i>Fouquieria splendens</i> Ocotillo	Salvaged	-
	<i>Penstemon parryi</i> Perry's Penstemon	1 gal.	215
	<i>Penstemon pseudospectabilis</i> Purple Penstemon	1 gal.	119
	<i>Yucca baccata</i> Banana Yucca	5 gal.	13
	<i>Yucca elata</i> Soapfree Yucca	5 gal.	8

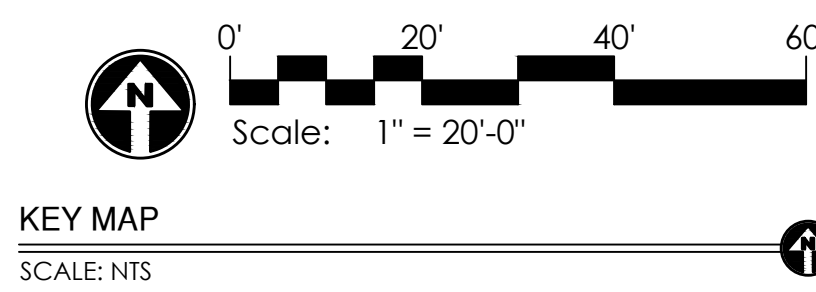


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Solitude
Happy Valley Road and 91st Street
Scottsdale, Arizona



project #: SWD026 scale: 1" = 20'-0"

issued for: Preliminary Plat

drawn by: TEAM date: 05/11/2020

drawing: Planting Plan

L3.3
4 of 11

HYDROSEED MIX APPLY AT RATE 15 PLS LBS/ACRE

		PLS LBS/ACRE
AMBROSIA DELTOIDEA	TRIANGLE LEAF BURSAGE	3.0
ATRIPLEX CANESCENS	FOUR-WING SALTBU	3.0
ENCELIA FARINOSA	BRITTLEBUSH	2.0
ERICAMERIA LARICIFOLIA	TURPENTINE BUSH	1.0
LARREA TRIDENTATA	CREOSOTE BUSH	2.0
SENNA COVESII	DESERT SENNA	2.0
SPHAERALCEA AMBIGUA	GLOBEMALLOW	2.0

1. PLANTS INSTALLED IN DETENTION BASINS AND DRAINAGE CHANNELS TO CONFORM TO CITY OF SCOTTSDALE DS&PM, SECTION 2-1.903.
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RE-VEGETATION AND IRRIGATION METHOD:

1. FOR RE-VEGETATED PORTIONS OF THE SITE, A HYDROSEED MIX WILL BE USED TO ALLOW QUICK, EFFICIENT RE-GROWTH OF PLANT MATERIAL WITHIN DISTURBED LANDSCAPE AREAS.
2. ALL RE-VEGETATED N.A.O.S. AREAS SHALL BE WATERED FOR THREE YEARS MAXIMUM.
3. CONTAINER-GROWN PLANT MATERIAL SHALL BE IRRIGATED WITH DRIP IRRIGATION
4. THE SELECTION, PLACEMENT, AND ALIGNMENT (ROTATION) OF ALL ON-SITE NURSERY SALVAGE TREES SHALL BE APPROVED BY THE OWNER OR THE LANDSCAPE ARCHITECT PRIOR TO DIGGING AND PLANTING.

INERTS

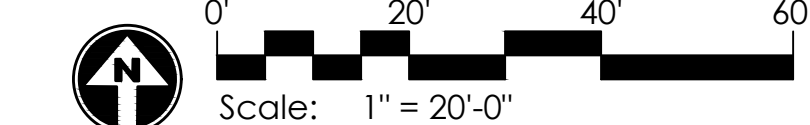
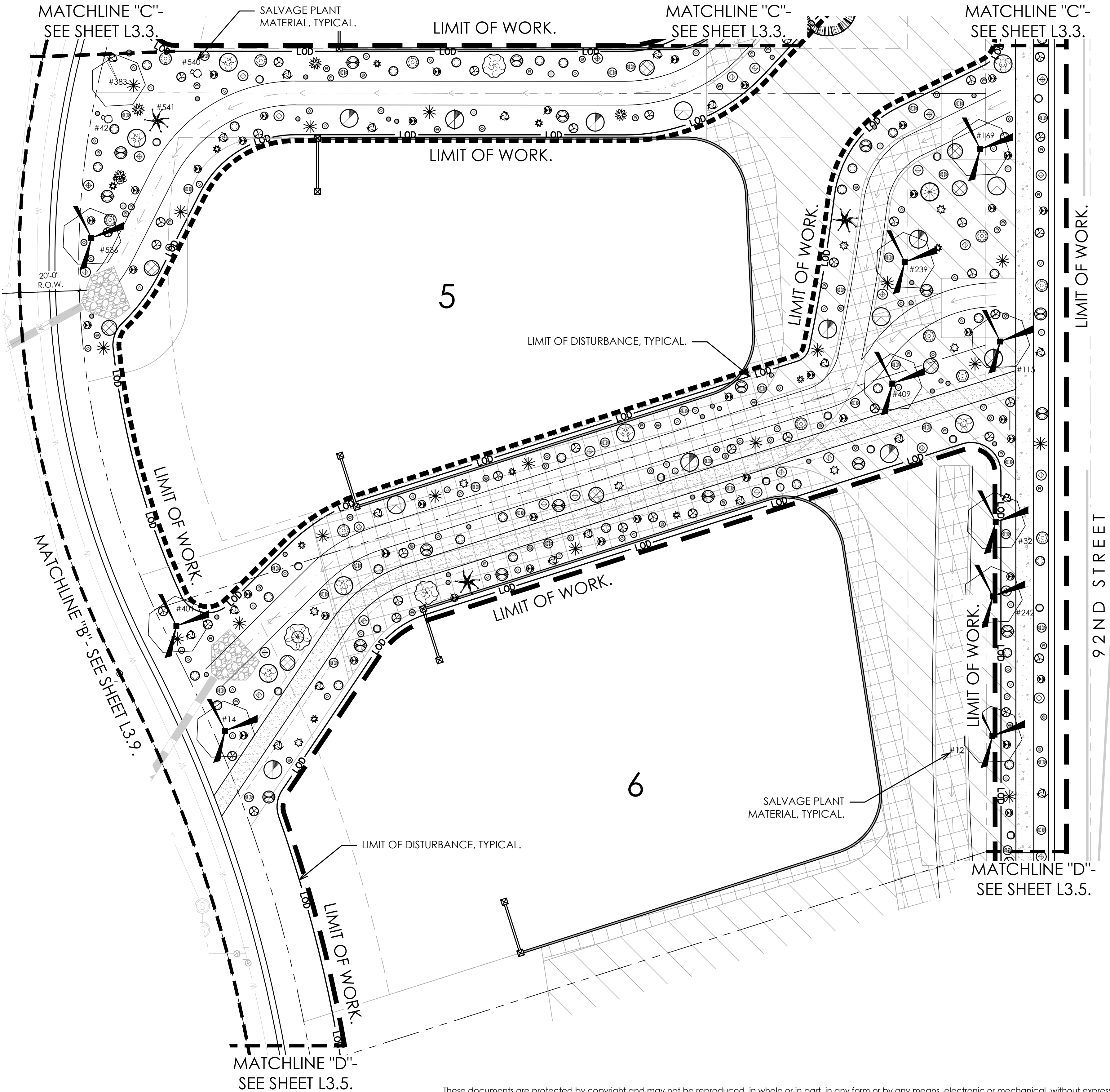
Sym.	Description
	3/4" DESERT GOLD DECOMPOSED GRANITE. 2" DEPTH MINIMUM.
	RIP-RAP PER CIVIL.
N.A.O.S Sym.	LEGEND Description
	NAOS - UNDISTURBED AREA: EXISTING VEGETATION TO REMAIN IN PLACE.
	NAOS - REVEGETATED AREA: TO INCLUDE A COMBINATION OF REVEGETATED PLANT MATERIAL; PLANT MATERIAL AS LISTED AND HYDROSEED MIX.
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NOTES:

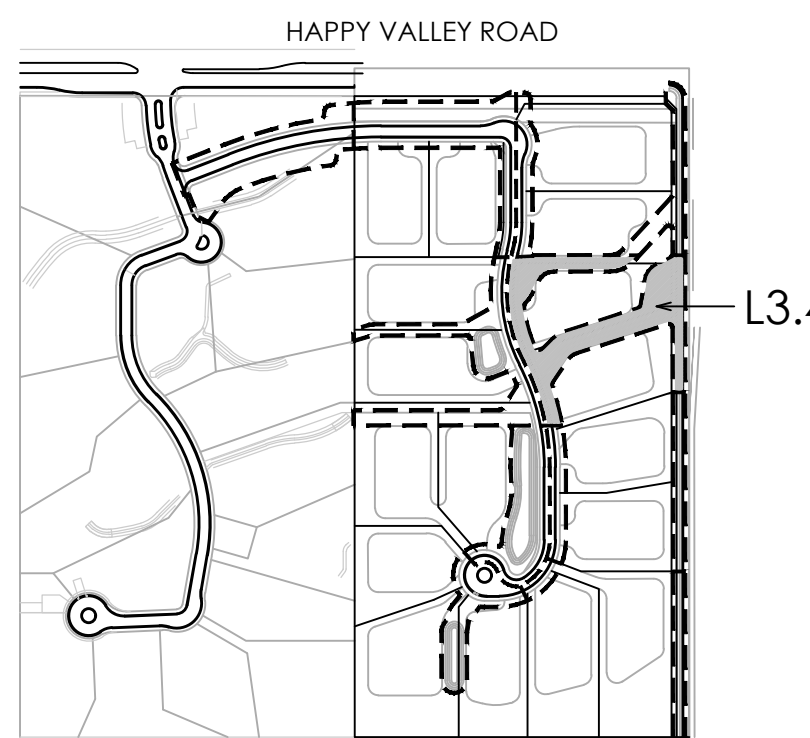
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PLANT MATERIALS LEGEND (PHASE 1)

Sym.	Plant Name	Size	Qty	Caliper
Trees				
	<i>Celtis pallida</i> Desert Hackberry	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	12	1.0-1.5
	<i>Chilopsis linearis</i> Desert Willow	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	6	1.0-1.5
	<i>Olneya tesota</i> Ironwood	Salvaged	4	2.5-3.5
	<i>Parkinsonia microphylla</i> Foothills Palo Verde	50% 15gal/ 50% 24" box. Salvaged	2 46	3.0-4.0
	<i>Prosopis velutina</i> Native Mesquite	50% 15gal/ 50% 24" box. Salvaged UNLESS OTHERWISE NOTED.	3 2	3.0-4.0
Shrubs				
	<i>Ambrosia ambrosiodes</i> Giant Bursage	5 gal.	33	-
	<i>Calliandra eriophylla</i> Pink Fairy Duster	5 gal.	84	-
	<i>Ericameria laricifolia</i> Turpentine Bush	5 gal.	152	-
	<i>Justicia californica</i> Chuparosa	5 gal.	43	-
	<i>Larrea tridentata</i> Creosote	5 gal.	31	-
	<i>Senna covesii</i> Desert Senna	5 gal.	67	-
	<i>Simmondsia chinensis</i> Jojoba	5 gal.	11	-
	<i>Sphaeralcea ambigua</i> Globe Mallow	5 gal.	148	-
Groundcovers				
	<i>Abronia villosa</i> Sand Verbena	1 gal.	122	-
	<i>Baileya multiradiata</i> Desert Marigold	1 gal.	337	-
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	<i>Psilostrophe cooperi</i> Paper Flower	1 gal.	209	-
	<i>Viguiera deltoidea</i> Goldeneye	1 gal.	181	-
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	<i>Agave deserti</i> Desert Agave	5 gal.	43	-
	<i>Agave murpheyi</i> Murphy's Agave	5 gal.	59	-
	<i>Agave palmeri</i> Palmer's Agave	5 gal.	45	-
	<i>Carnegiea gigantea</i> Saguaro	Salvaged	-	-
	<i>Cyllindropuntia versicolor</i> Staghorn Cholla	5 gal.	59	-
	<i>Dasylirion wheeleri</i> Desert Spoon	5 gal.	61	-
	<i>Ferocactus wislizenii</i> Fishhook Barrel Cactus	Salvaged	-	-
	<i>Fouquieria splendens</i> Ocotillo	Salvaged	-	-
	<i>Penstemon parryi</i> Perry's Penstemon	1 gal.	215	-
	<i>Penstemon pseudospectabilis</i> Purple Penstemon	1 gal.	119	-
	<i>Yucca baccata</i> Banana Yucca	5 gal.	13	-
	<i>Yucca elata</i> Soaptree Yucca	5 gal.	8	-



KEY MAP
SCALE: NTS



project #: SWD026
scale: 1" = 20'-0"
issued for: Preliminary Plat
drawn by: TEAM
date: 05/11/2020
drawing: Planting Plan

L3.4
5 of 11

GREY PICKETT

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HYDROSEED MIX APPLY AT RATE 15 PLS LBS/ACRE

		PLS LBS/ACRE
AMBROSIA DELTOIDEA	TRIANGLE LEAF BURSAGE	3.0
ATRIPLEX CANESCENS	FOUR-WING SALTBUSH	3.0
ENCELIA FARINOSA	BRITTLEBUSH	2.0
ERICAMERIA LARICIFOLIA	TURPENTINE BUSH	1.0
LARREA TRIDENTATA	CREOSOTE BUSH	2.0
SENNA COVESII	DESERT SENNA	2.0
SPHAERALCEA AMBIGUA	GLOBEMALLOW	2.0

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INERTS

Sym.	Description
	3/4" DESERT GOLD DECOMPOSED GRANITE. 2" DEPTH MINIMUM.
	RIP-RAP PER CIVIL.
N.A.O.S Sym.	LEGEND Description
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MATCHLINE "D"-
SEE SHEET L3.4.

LIMIT OF WORK.

92ND STREET

LIMIT OF WORK.

MATCHLINE "E"-
SEE SHEET L3.6.

PLANT MATERIALS LEGEND (PHASE 1)

Sym.	Plant Name	Size	Qty	Caliper
Trees				
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	<i>Olneya tesota</i> Ironwood	Salvaged	4	2.5-3.5
	<i>Parkinsonia microphylla</i> Foothills Palo Verde	50% 15gal/ 50% 24" box. Salvaged	2 46	3.0-4.0
	<i>Prosopis velutina</i> Native Mesquite	50% 15gal/ 50% 24" box. Salvaged UNLESS OTHERWISE NOTED.	3 2	3.0-4.0
Shrubs				
	<i>Ambrosia ambrosiodes</i> Giant Bursage	5 gal.	33	-
	<i>Calliandra eriophylla</i> Pink Fairy Duster	5 gal.	84	-
	<i>Ericameria laricifolia</i> Turpentine Bush	5 gal.	152	-
	<i>Justicia californica</i> Chuparosa	5 gal.	43	-
	<i>Larrea tridentata</i> Creosote	5 gal.	31	-
	<i>Senna covesii</i> Desert Senna	5 gal.	67	-
	<i>Simmondsia chinensis</i> Jojoba	5 gal.	11	-
	<i>Sphaeralcea ambigua</i> Globe Mallow	5 gal.	148	-
Groundcovers				
	<i>Abronia villosa</i> Sand Verbena	1 gal.	122	-
	<i>Baileya multiradiata</i> Desert Marigold	1 gal.	337	-
	<i>Melampodium leucanthum</i> Blackfoot Daisy	1 gal.	144	-
	<i>Psilostrophe cooperi</i> Paper Flower	1 gal.	209	-
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Accents Cactus				
	<i>Agave deserti</i> Desert Agave	5 gal.	43	-
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	<i>Carnegiea gigantea</i> Saguaro	Salvaged	-	-
	<i>Cyllindropuntia versicolor</i> Staghorn Cholla	5 gal.	59	-
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	<i>Penstemon parryi</i> Perry's Penstemon	1 gal.	215	-
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	<i>Yucca baccata</i> Banana Yucca	5 gal.	13	-
	<i>Yucca elata</i> Soaptree Yucca	5 gal.	8	-

MATCHLINE "D"-
SEE SHEET L3.4.

MATCHLINE "B" - SEE SHEET L3.8.

MATCHLINE "E"-
SEE SHEET L3.6.

LIMIT OF WORK.

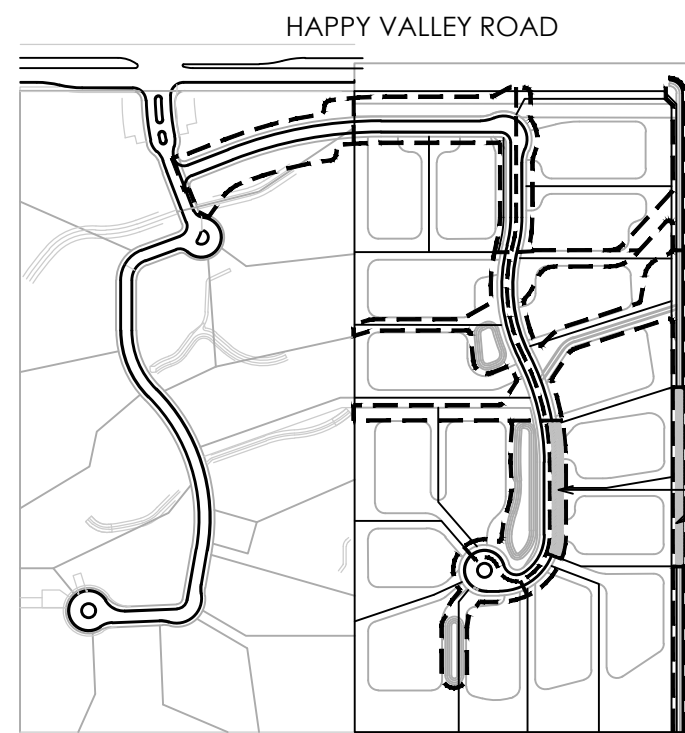
LIMIT OF DISTURBANCE, TYPICAL.

SALVAGE PLANT
MATERIAL, TYPICAL.

LIMIT OF DISTURBANCE, TYPICAL.

0' 20' 40' 60'
Scale: 1" = 20'-0"

KEY MAP
SCALE: NTS



project #:
SWD026

scale:
1" = 20'-0"

issued for:
Preliminary Plat

drawn by:
TEAM

date:
05/11/2020

drawing:
Planting Plan

L3.5
6 of 11

Solitude
Happy Valley Road and 91st Street
Scottsdale, Arizona



Greey Pickett
landscape architecture community design
7144 e session drive, suite 203
scottsdale, arizona 85251
480.609.0009p 480.609.0068t

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		PLS LBS/ACRE
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ATRIPLEX CANESCENS	FOUR-WING SALT BUSH	3.0
ENCELIA FARINOSA	BRITTLEBUSH	2.0
ERICAMERIA LARICIFOLIA	TURPENTINE BUSH	1.0
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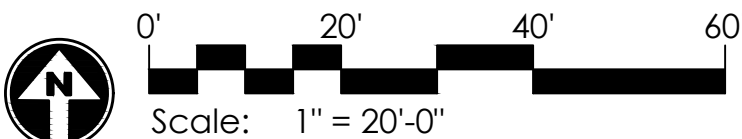
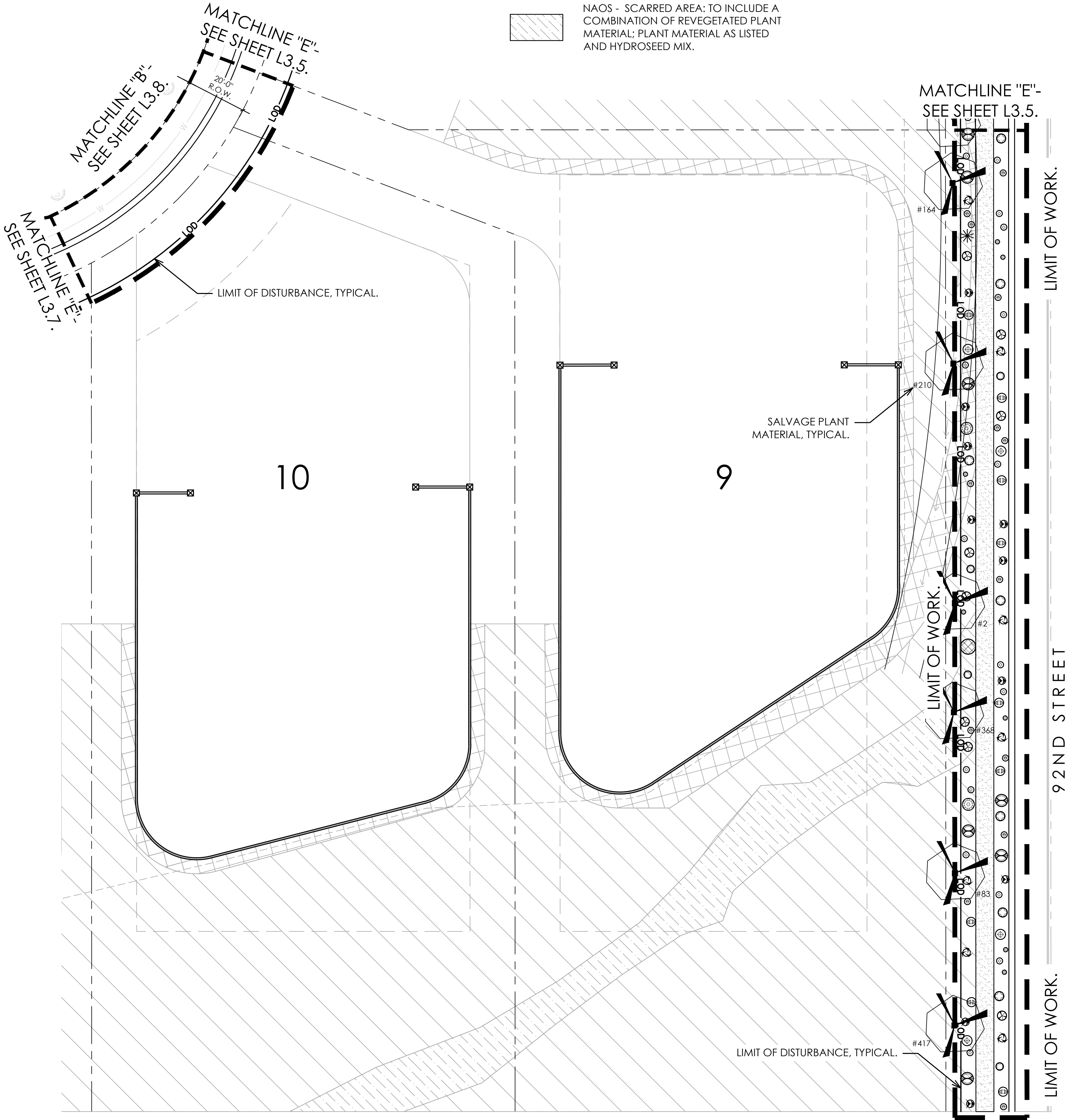
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SCALE: NTS



project #:
SWD026

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1" = 20'-0"

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Preliminary Plat

drawn by:
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date:
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drawing:
Planting Plan

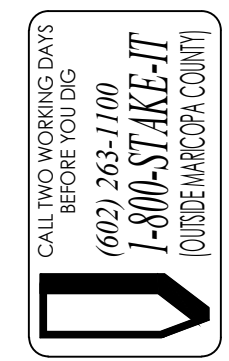
L3.6

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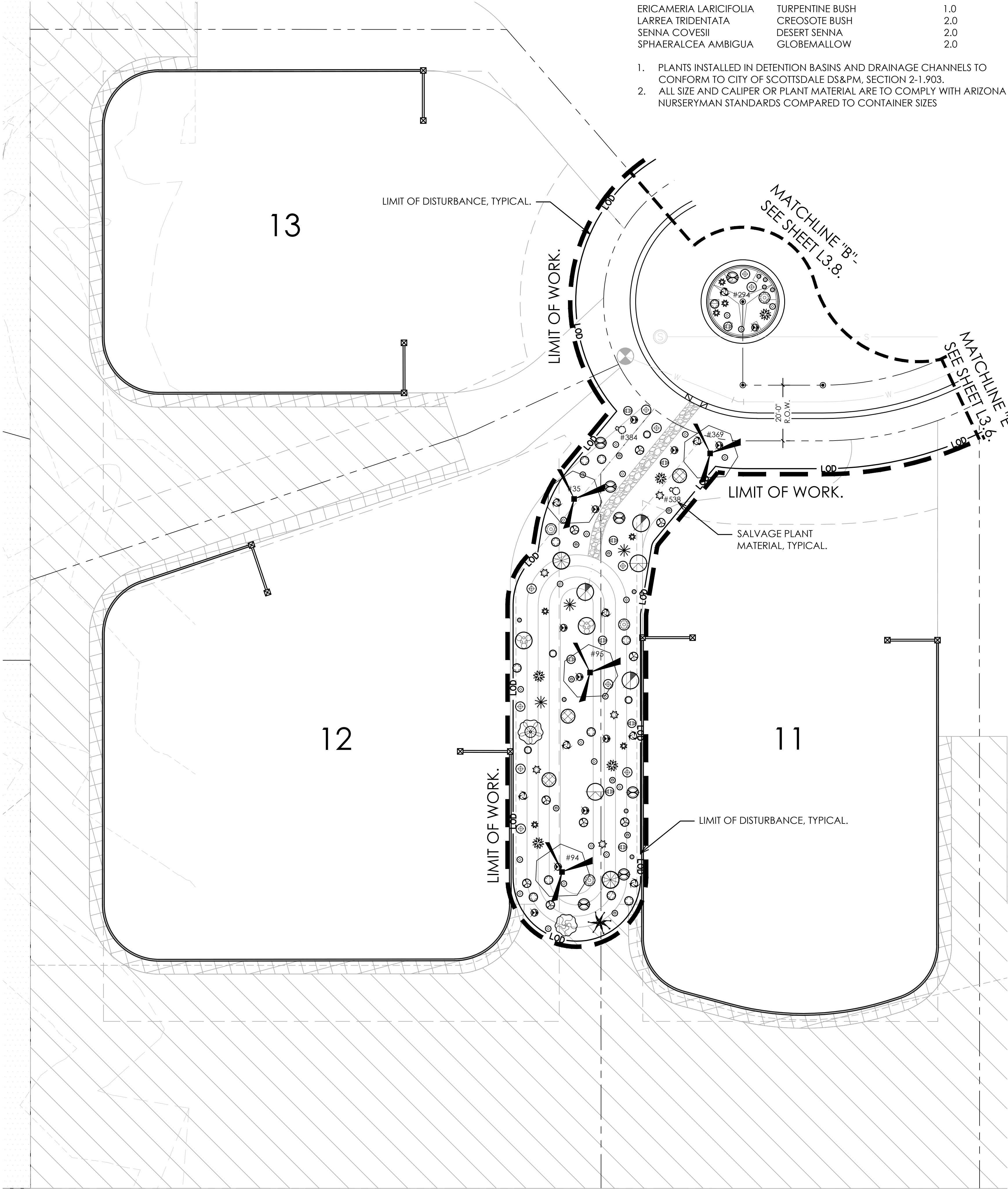
GREY PICKETT

landscape architecture community design

7144 e. session drive, suite 203
scottsdale, az 85251
480.609.0009p 480.609.0068t



Solitude
Happy Valley Road and 91st Street
Scottsdale, Arizona



HYDROSEED MIX APPLY AT RATE 15 PLS LBS/ACRE

		PLS LBS/ACRE
AMBROSIA DELTOIDEA	TRIANGLE LEAF BURSAGE	3.0
ATRIPLEX CANESCENS	FOUR-WING SALT BUSH	3.0
ENCELIA FARINOSA	BRITTLE BUSH	2.0
ERICAMERIA LARICIFOLIA	TURPENTINE BUSH	1.0
LARREA TRIDENTATA	CREOSOTE BUSH	2.0
SENNA COVESII	DESERT SENNA	2.0
SPHAERALCEA AMBIGUA	GLOBEMALLOW	2.0

1. PLANTS INSTALLED IN DETENTION BASINS AND DRAINAGE CHANNELS TO CONFORM TO CITY OF SCOTTSDALE DS&PM, SECTION 2-1.903.
2. ALL SIZE AND CALIPER OR PLANT MATERIAL ARE TO COMPLY WITH ARIZONA NURSERYMAN STANDARDS COMPARED TO CONTAINER SIZES

INERTS	
Sym.	Description
	3/4" DESERT GOLD DECOMPOSED GRANITE. 2" DEPTH MINIMUM.
	RIP-RAP PER CIVIL.
N.A.O.S. LEGEND	
Sym.	Description

- | | |
|--|--|
| | NAOS - UNDISTURBED AREA: EXISTING VEGETATION TO REMAIN IN PLACE. |
| | NAOS - REVEGETATED AREA: TO INCLUDE A COMBINATION OF REVEGETATED PLANT MATERIAL; PLANT MATERIAL AS LISTED AND HYDROSEED MIX. |
| | NAOS - SCARRED AREA: TO INCLUDE A COMBINATION OF REVEGETATED PLANT MATERIAL; PLANT MATERIAL AS LISTED AND HYDROSEED MIX. |

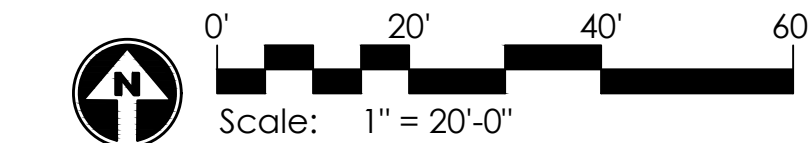
- NOTES:
1. ALL PLANTS SHALL BE WATERED WITH AUTOMATIC DRIP IRRIGATION SYSTEM.
 2. ALL LANDSCAPE AREAS EXCLUDING TURF TO BE COVERED WITH CRUSHED ROCK.
 3. LANDSCAPE ARCHITECT TO APPROVE FINAL GRADING. PLANTING SHALL NOT OCCUR UNTIL FINAL GRADING IS APPROVED.
 4. ALL SHRUBS TO BE PLANTED 3'-0" MINIMUM AWAY FROM EXISTING OR FUTURE WALLS.
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 6. WHERE POSSIBLE, ALL TREES AND SHRUBS TO BE PLANTED 2'-0" MINIMUM AWAY FROM WALKS AND CURBS.
 7. PLANT MATERIAL SHALL BE ADJUSTED IN FIELD TO AVOID TREE ROOT BALLS.

- RE-VEGETATION AND IRRIGATION METHOD:
1. FOR RE-VEGETATED PORTIONS OF THE SITE, A HYDROSEED MIX WILL BE USED TO ALLOW QUICK, EFFICIENT RE-GROWTH OF PLANT MATERIAL WITHIN DISTURBED LANDSCAPE AREAS.
 2. ALL RE-VEGETATED N.A.O.S. AREAS SHALL BE WATERED FOR THREE YEARS MAXIMUM.
 3. CONTAINER-GROWN PLANT MATERIAL SHALL BE IRRIGATED WITH DRIP IRRIGATION
 4. THE SELECTION, PLACEMENT, AND ALIGNMENT (ROTATION) OF ALL ON-SITE NURSERY SALVAGE TREES SHALL BE APPROVED BY THE OWNER OR THE LANDSCAPE ARCHITECT PRIOR TO DIGGING AND PLANTING.

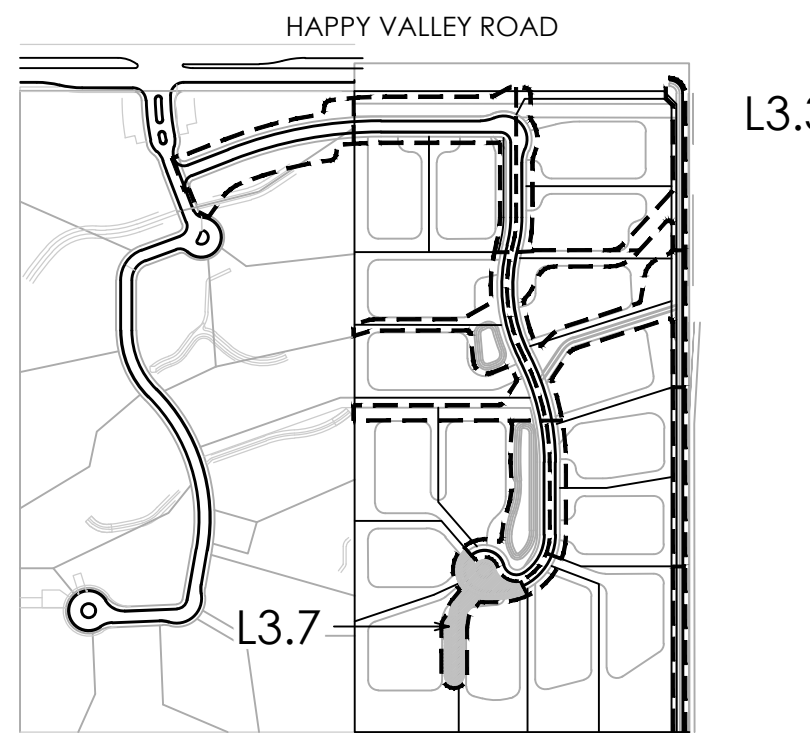
PLANT MATERIALS LEGEND (PHASE 1)				
Sym.	Plant Name	Size	Qty	Caliper
Trees				
	<i>Celtis pallida</i> Desert Hackberry	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	12	1.0-1.5
	<i>Chilopsis linearis</i> Desert Willow	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	6	1.0-1.5
	<i>Olneya tesota</i> Ironwood	Salvaged	4	2.5-3.5
	<i>Parkinsonia microphylla</i> Foothills Palo Verde	50% 15gal/ 50% 24" box. Salvaged	2 46	3.0-4.0
	<i>Prosopis velutina</i> Native Mesquite	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	3 2	3.0-4.0
Shrubs				
	<i>Ambrosia ambrosiodes</i> Giant Bursage	5 gal.	33	-
	<i>Calliandra eriophylla</i> Pink Fairy Duster	5 gal.	84	-
	<i>Ericameria laricifolia</i> Turpentine Bush	5 gal.	152	-
	<i>Justicia californica</i> Chuparosa	5 gal.	43	-
	<i>Larrea tridentata</i> Creosote	5 gal.	31	-
	<i>Senna covesii</i> Desert Seena	5 gal.	67	-
	<i>Simmondsia chinensis</i> Jojoba	5 gal.	11	-
	<i>Sphaeralcea ambigua</i> Globe Mallow	5 gal.	148	-

Groundcovers				
	<i>Abronia villosa</i> Sand Verbena	1 gal.	122	-
	<i>Baileya multiradiata</i> Desert Marigold	1 gal.	337	-
	<i>Melampodium leucanthum</i> Blackfoot Daisy	1 gal.	144	-
	<i>Psilostrophe cooperi</i> Paper Flower	1 gal.	209	-
	<i>Yiguiera deltoidea</i> Goldeneye	1 gal.	181	-

Accents Cactus				
	<i>Agave deserti</i> Desert Agave	5 gal.	43	-
	<i>Agave murpheyi</i> Murphy's Agave	5 gal.	59	-
	<i>Agave palmeri</i> Palmer's Agave	5 gal.	45	-
	<i>Carnegiea gigantea</i> Saguaro	Salvaged	-	-
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	<i>Ferocactus wislizenii</i> Fishhook Barrel Cactus	Salvaged	-	-
	<i>Fouquieria splendens</i> Ocotillo	Salvaged	-	-
	<i>Penstemon parryi</i> Perry's Penstemon	1 gal.	215	-
	<i>Penstemon pseudospectabilis</i> Purple Penstemon	1 gal.	119	-
	<i>Yucca baccata</i> Banana Yucca	5 gal.	13	-
	<i>Yucca elata</i> Soaptree Yucca	5 gal.	8	-



KEY MAP
SCALE: NTS



revisions:

project #:
SWD026

scale:
1" = 20'-0"

issued for:
Preliminary Plat

drawn by:
TEAM

date:
05/11/2020

drawing:
Planting Plan

L3.3

L3.7

L3.7

8 of 11

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480.609.0009p 480.609.0068t

SEAL
50868
RICHARD D. GREY
Professional Engineer
No. 50868
Expires 6/30/22

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5-PP-2020
9/28/2020

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		PLS LBS/ACRE
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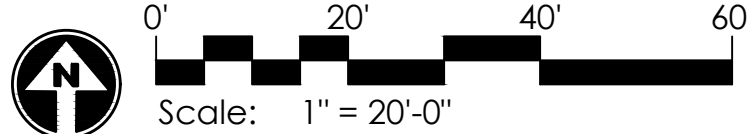
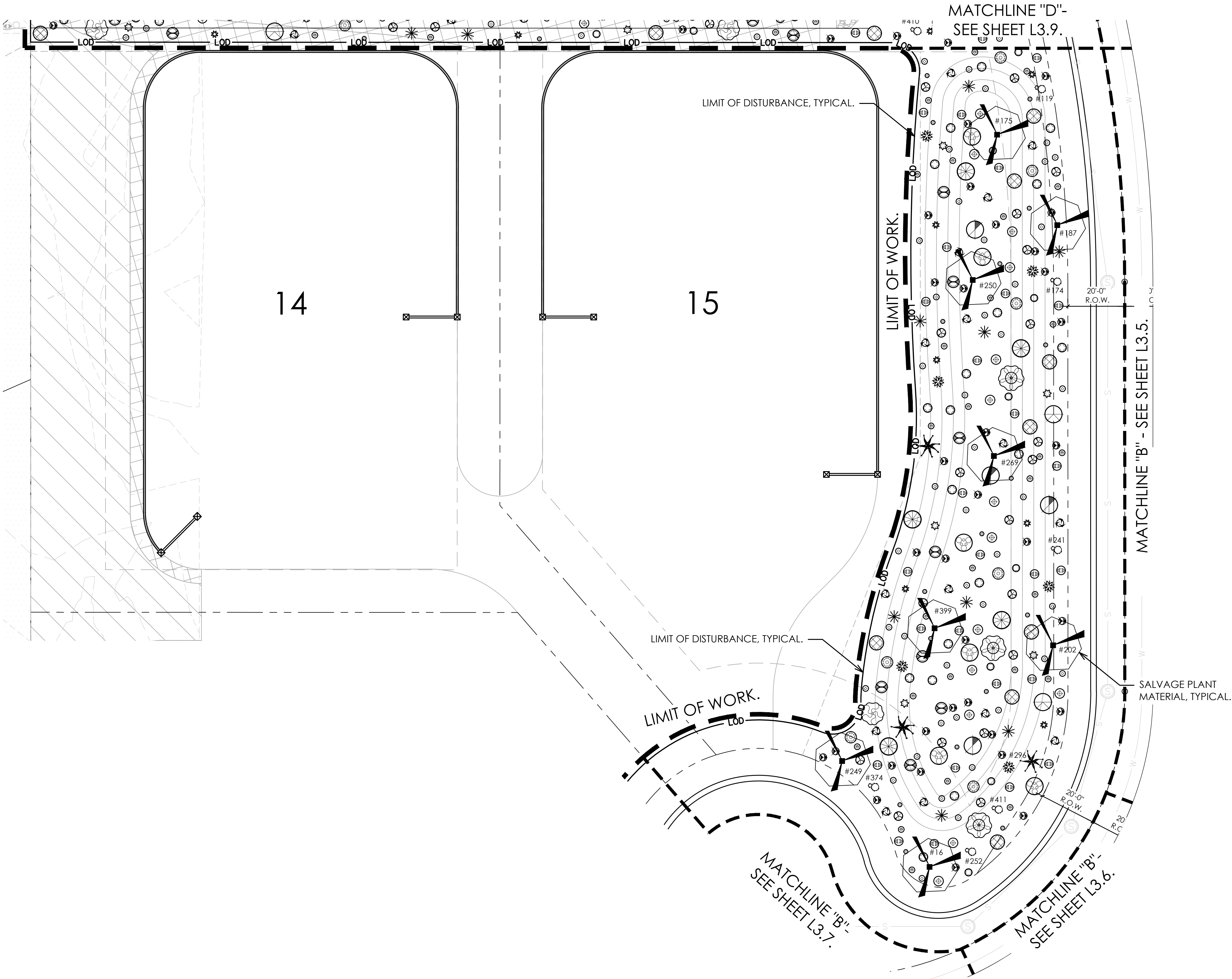
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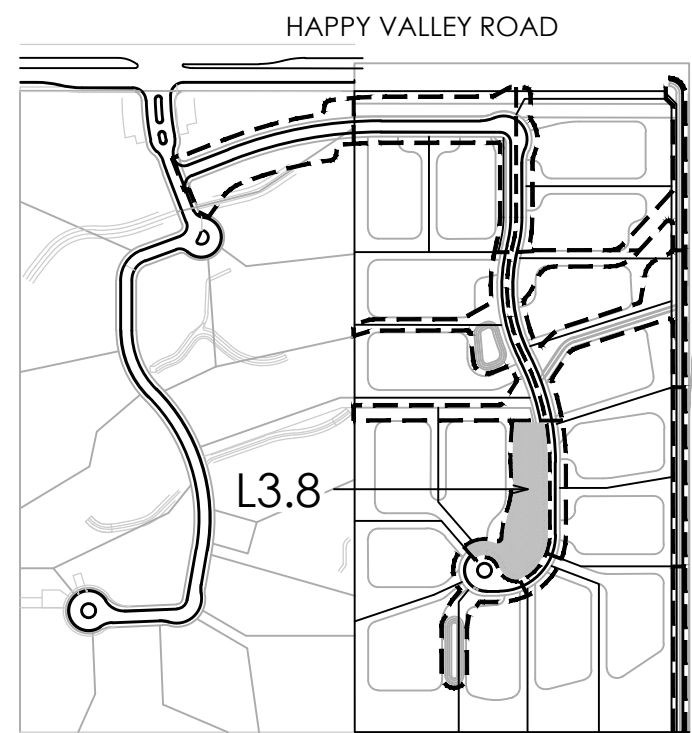
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KEY MAP

SCALE: NTS



project #: SWD026
scale: 1" = 20'-0"
issued for: Preliminary Plat
drawn by: TEAM
date: 05/11/2020
drawing: Planting Plan
L3.8
9 of 11

HYDROSEED MIX APPLY AT RATE 15 PLS LBS/ACRE

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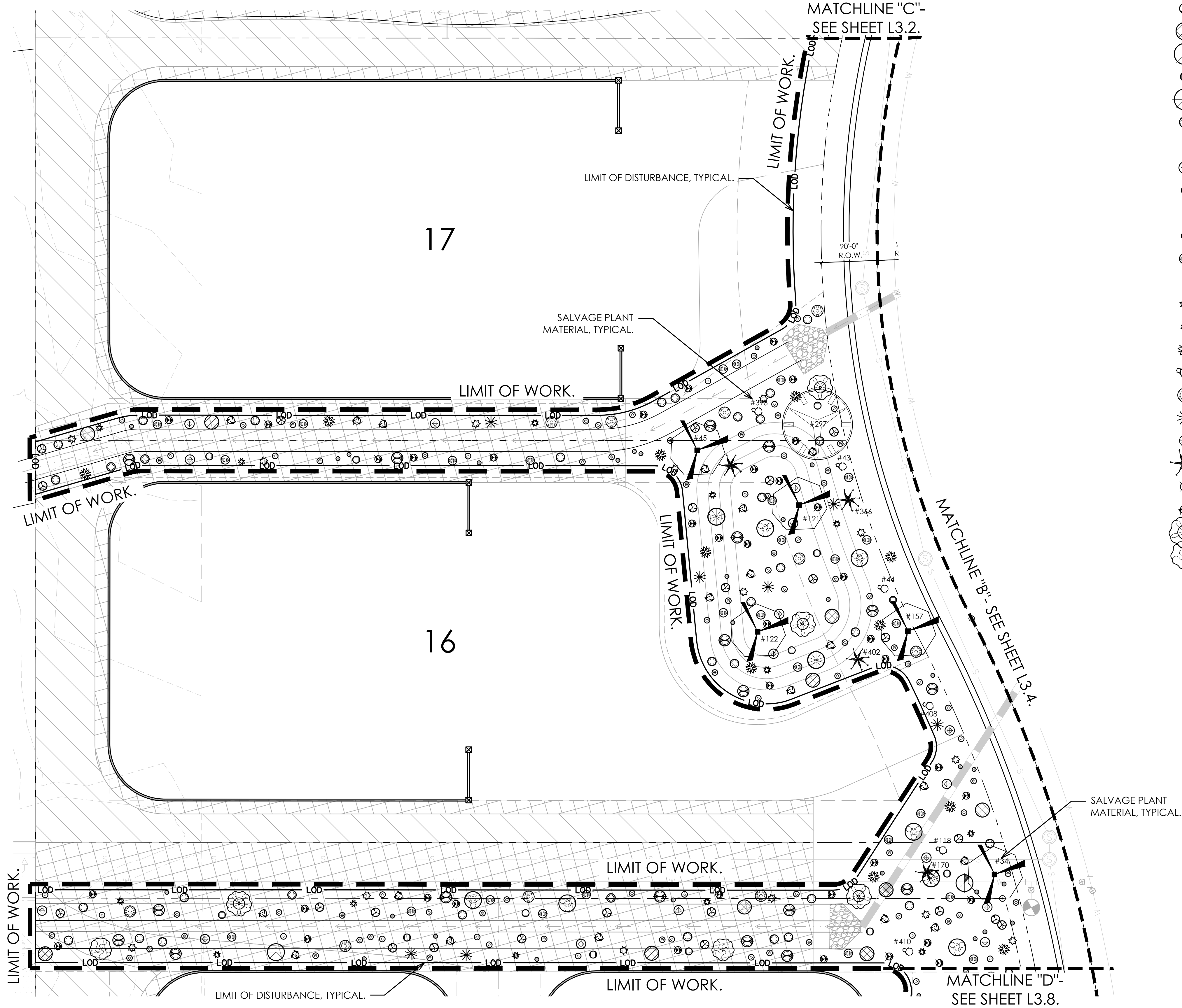
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scottsdale, arizona 85251
480.609.0000p 480.609.0068t

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REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
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EXPIRES 8/30/22

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1-800-STAKE-IT
(CODE ARIZONA CONT.)

Solitude
Happy Valley Road and 91st Street
Scottsdale, Arizona

revisions:

project #: SWD026 scale: 1" = 20'-0"

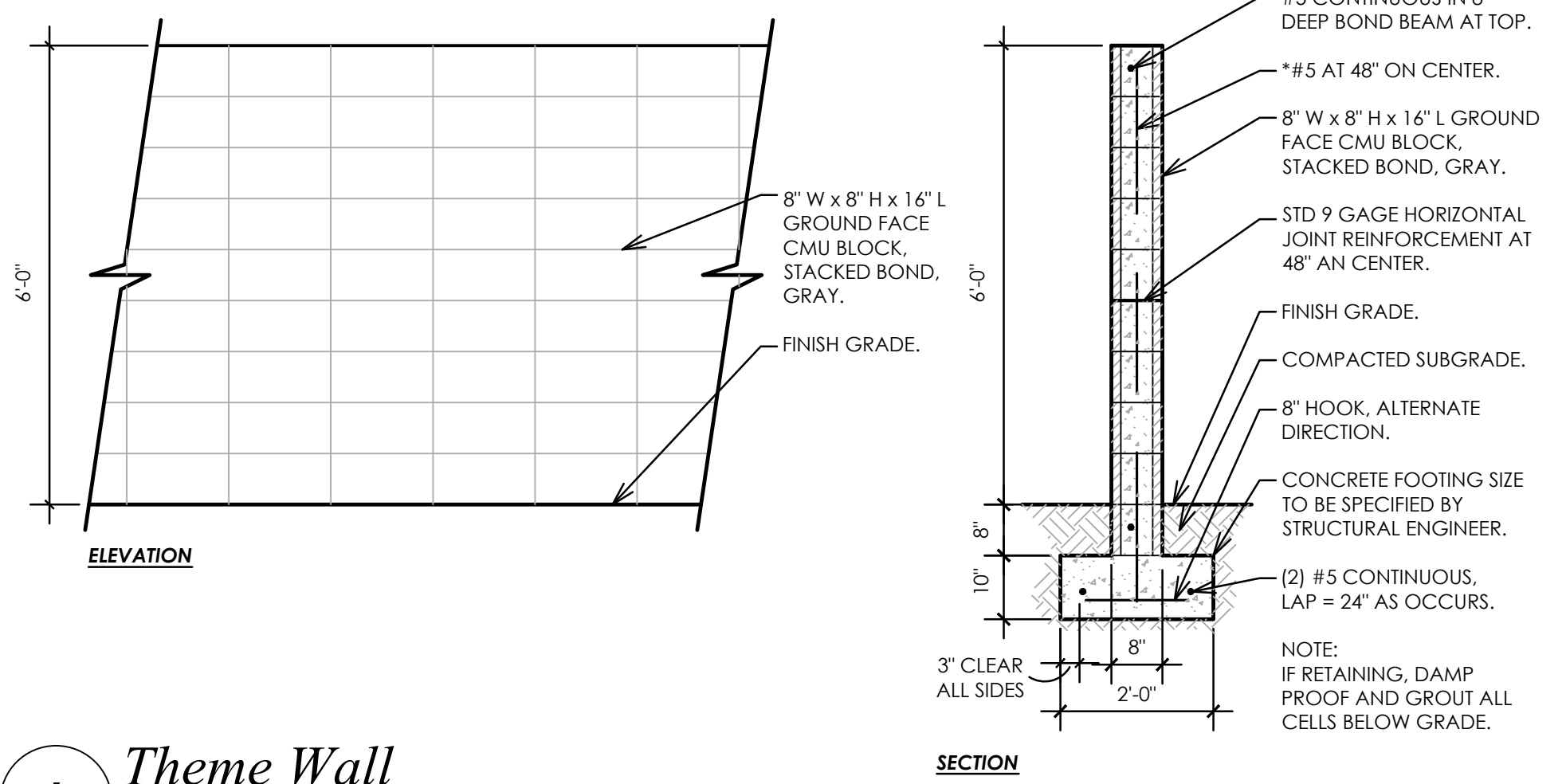
issued for: Preliminary Plat

drawn by: TEAM date: 05/11/2020

drawing: Planting Plan

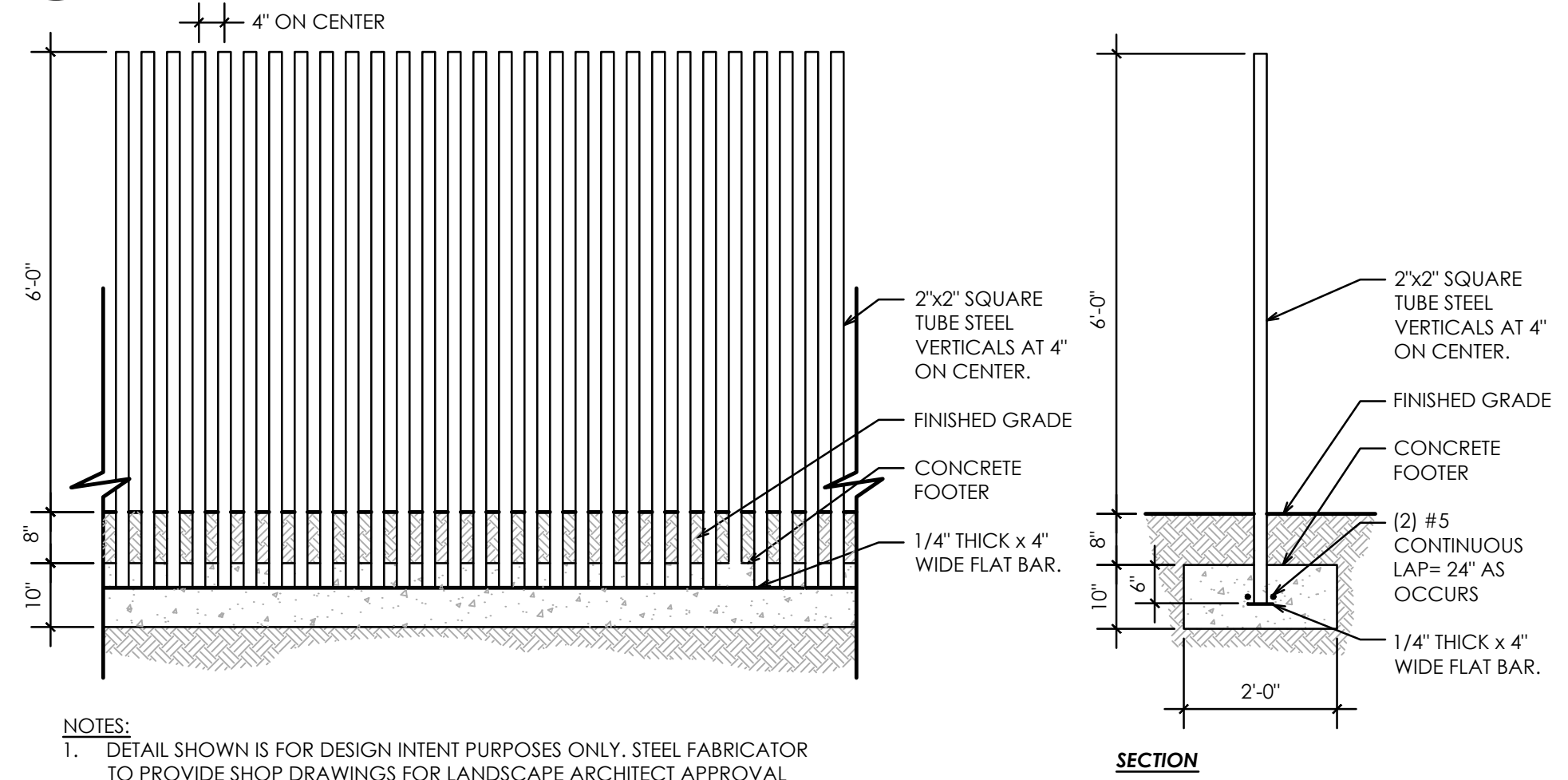
L3.9
10 of 11

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1 Theme Wall

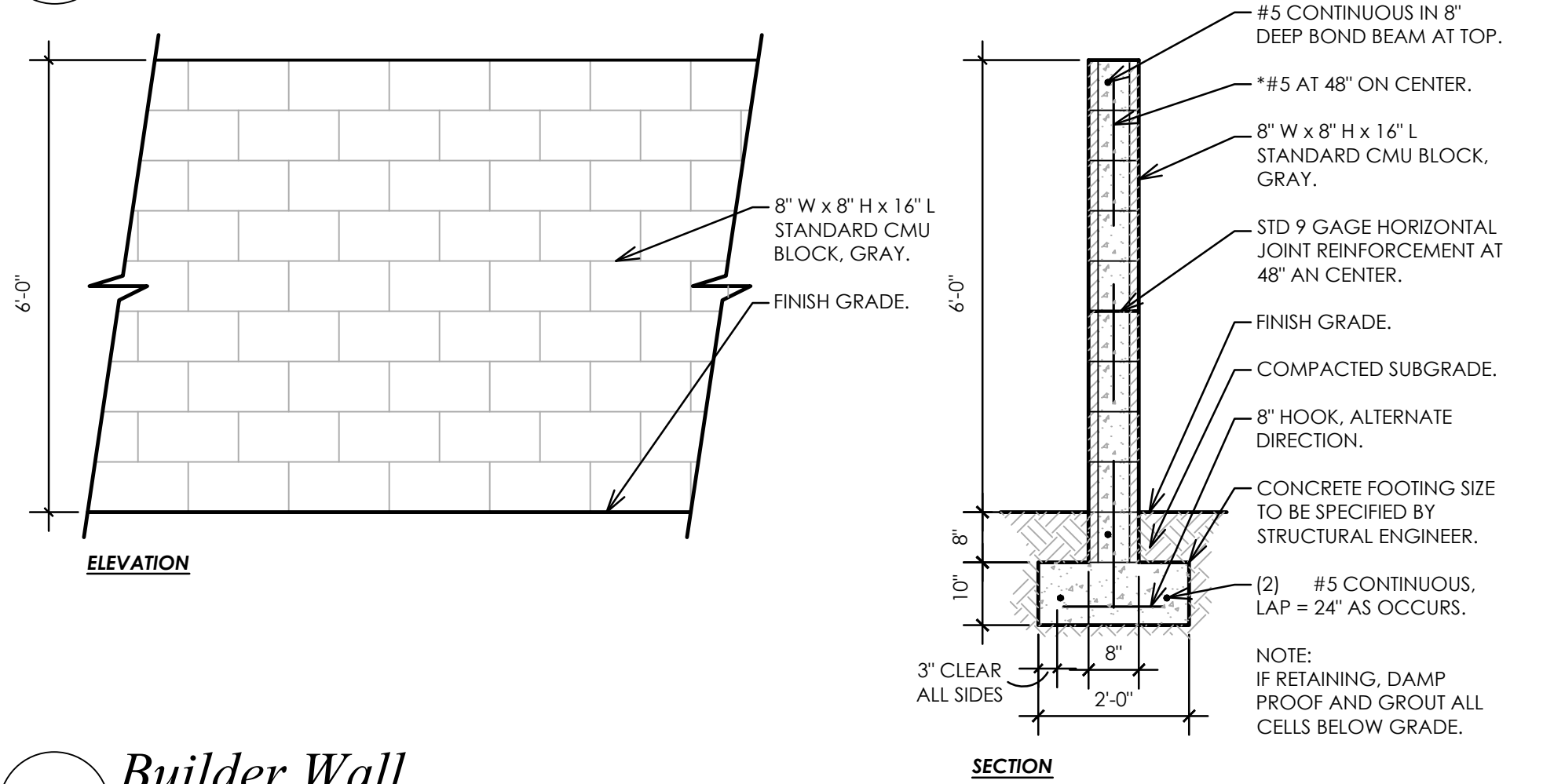
Scale: 1/2" = 1'-0"



NOTES:
1. DETAIL SHOWN IS FOR DESIGN INTENT PURPOSES ONLY. STEEL FABRICATOR TO PROVIDE SHOP DRAWINGS FOR LANDSCAPE ARCHITECT APPROVAL PRIOR TO FABRICATION OR ORDERING OF MATERIALS.

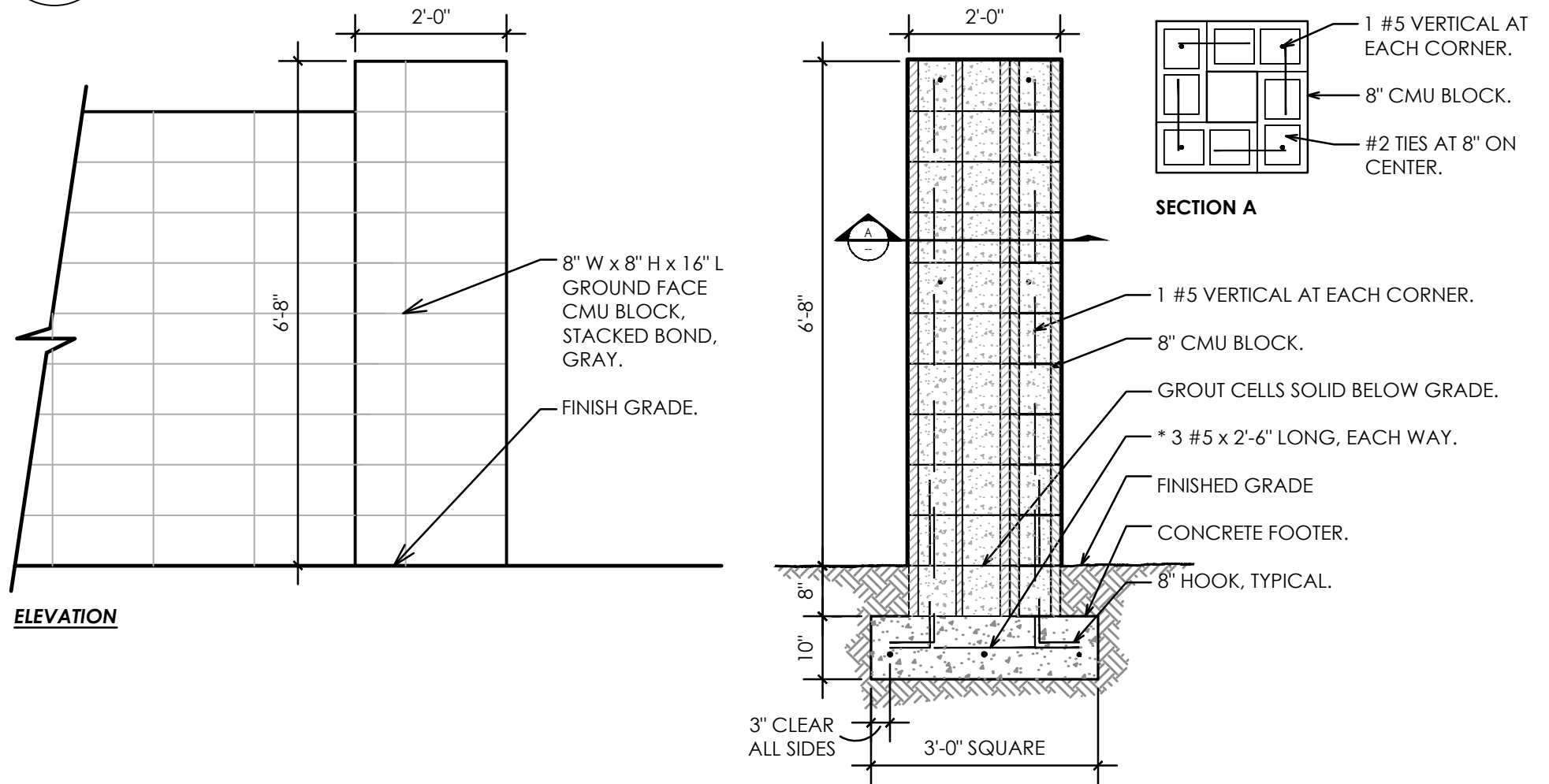
2 Theme Steel Post View Fence

Scale: 1/2" = 1'-0"



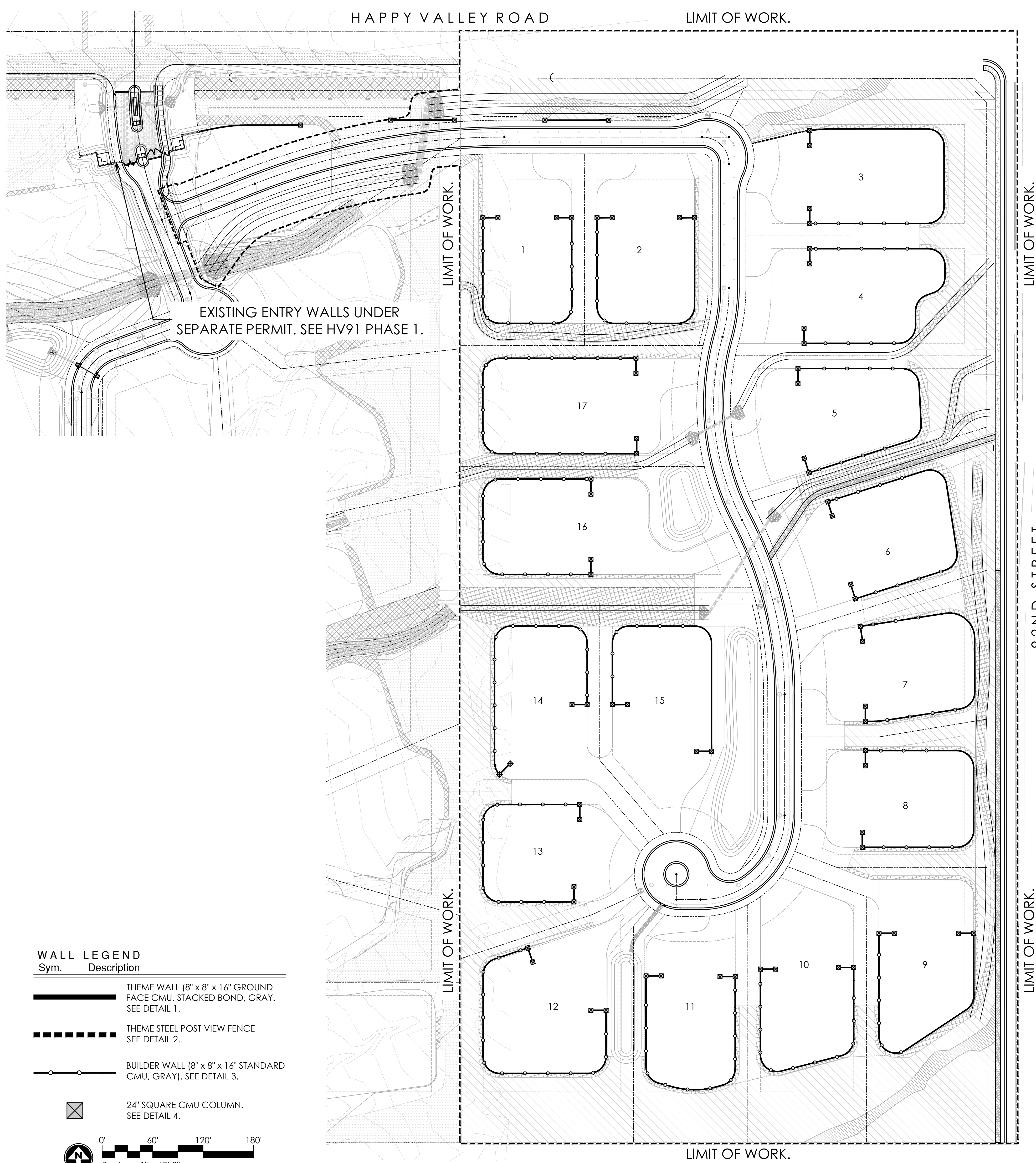
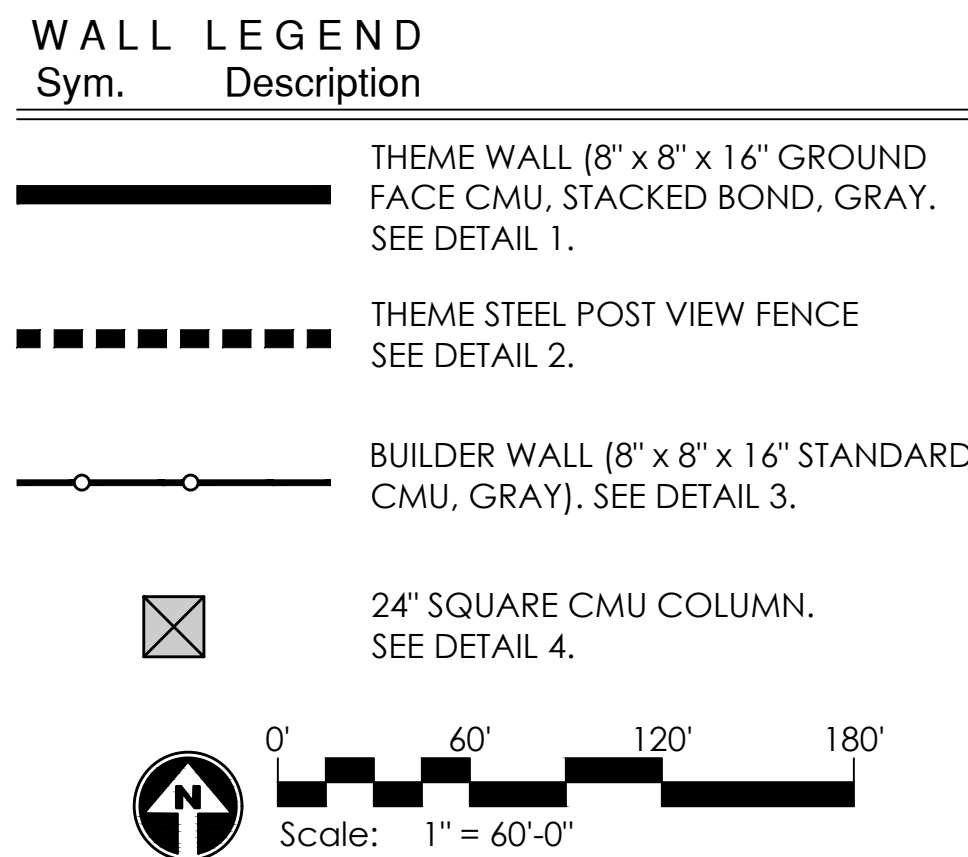
3 Builder Wall

Scale: 1/2" = 1'-0"



4 24" Square CMU Column

Scale: 1/2" = 1'-0"



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scottsdale, arizona 85253
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50868
RICHARD D. GREEY
Professional Seal
Expires 6/30/22

revisions:

project #:
SWD026

scale:
1"=60'

issued for:
Preliminary Plat

drawn by:
TEAM

date:
05/11/2020

drawing:
Wall Plan

A1

11 of 11

5-PP-2020
9/28/2020

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Native Plant Inventory

Happy Valley & 92nd Street

SWC of Happy Valley Road & 92nd Street

Scottsdale, AZ

11/29/2019

Plant #	Common Name	Caliper (in)/ Height (ft)	Cacti Arms	Status	Comments
1	Foothills Palo Verde	16		NS	Mistletoe / Cambium Damage
2	Foothills Palo Verde	12		S	
3	Foothills Palo Verde	10		NS	Cambium Damage
4	Foothills Palo Verde	10		S	
5	Foothills Palo Verde	8		S	
6	Foothills Palo Verde	10		NS	Mistletoe / Poor Structure
7	Foothills Palo Verde	6		NS	Mistletoe / Poor Structure
8	Foothills Palo Verde	14		NS	Cambium Damage
9	Foothills Palo Verde	14		NS	Mistletoe / Cambium Damage
10	Foothills Palo Verde	9		NS	Cambium Damage
11	Foothills Palo Verde	12		NS	Cambium Damage
12	Foothills Palo Verde	8		S	
13	Saguaro	5		S	
14	Foothills Palo Verde	8		S	
15	Foothills Palo Verde	18		NS	Cambium Damage
16	Foothills Palo Verde	15		S	
17	Foothills Palo Verde	6		NS	Form / Leaning
18	Foothills Palo Verde	9		S	
19	Saguaro	6		S	
20	Foothills Palo Verde	4		NS	Exposed Roots
21	Foothills Palo Verde	10		S	
22	Foothills Palo Verde	18		S	
23	Foothills Palo Verde	8		S	
24	Foothills Palo Verde	8		S	
25	Foothills Palo Verde	9		NS	Cambium Damage
26	Foothills Palo Verde	22		NS	Cambium Damage
27	Foothills Palo Verde	9		S	
28	Foothills Palo Verde	7		NS	Leaning / Proximity to Adjacent
29	Foothills Palo Verde	7		S	
30	Foothills Palo Verde	7		NS	Form / Leaning
31	Foothills Palo Verde	10		S	
32	Foothills Palo Verde	6		S	
33	Foothills Palo Verde	4		S	
34	Foothills Palo Verde	8		S	
35	Foothills Palo Verde	10		S	
36	Saguaro	13		S	
37	Foothills Palo Verde	8		NS	Exposed Roots

Plant #	Common Name	Caliper (in)/ Height (ft)	Cacti Arms	Status	Comments
38	Foothills Palo Verde	18		S	
39	Saguaro	4		S	
40	Foothills Palo Verde	16		NS	Cambium Damage
41	Foothills Palo Verde	5		S	
42	Saguaro	4		S	
43	Saguaro	4		S	
44	Saguaro	4		S	
45	Foothills Palo Verde	7		S	
46	Foothills Palo Verde	4		S	
47	Foothills Palo Verde	7		NS	Form / Leaning
48	Foothills Palo Verde	6		S	
49	Foothills Palo Verde	5		S	
50	Foothills Palo Verde	18		S	
51	Foothills Palo Verde	7		S	
52	Foothills Palo Verde	26		NS	Cambium Damage / Poor Structure
53	Foothills Palo Verde	18		NS	Cambium Damage / Poor Structure
54	Foothills Palo Verde	7		NS	Cambium Damage / Poor Structure
55	Foothills Palo Verde	9		S	
56	Saguaro	4		S	
57	Foothills Palo Verde	7		S	
58	Foothills Palo Verde	9		NS	Cambium Damage
59	Foothills Palo Verde	12		S	
60	Foothills Palo Verde	9		S	
61	Foothills Palo Verde	10		S	
62	Foothills Palo Verde	8		NS	Cambium Damage
63	Saguaro	5		S	
64	Foothills Palo Verde	12		NS	Cambium Damage
65	Foothills Palo Verde	8		S	
66	Barrel	4		S	
67	Foothills Palo Verde	8		NS	Form / Cambium Damage
68	Foothills Palo Verde	7		NS	Form / Cambium Damage
69	Foothills Palo Verde	7		S	
70	Foothills Palo Verde	9		NS	Cambium Damage
71	Saguaro	4		S	
72	Foothills Palo Verde	12		NS	Exposed Roots
73	Foothills Palo Verde	12		S	
74	Foothills Palo Verde	20		NS	Cambium Damage
75	Foothills Palo Verde	14		NS	Leaning / Poor Structure
76	Saguaro	4		S	
77	Saguaro	4		S	
78	Foothills Palo Verde	14		NS	Cambium Damage / Poor Structure
79	Foothills Palo Verde	18		NS	Cambium Damage / Poor Structure
80	Ocotillo	19		S	
81	Foothills Palo Verde	7		NS	Leaning / Poor Structure
82	Foothills Palo Verde	16		S	
83	Foothills Palo Verde	9		S	
84	Foothills Palo Verde	7		NS	Cambium Damage
85	Saguaro	49	3	S	
86	Ocotillo	22		S	

Plant #	Common Name	Caliper (in)/ Height (ft)	Cacti Arms	Status	Comments
87	Foothills Palo Verde	7		NS	Cambium Damage
88	Foothills Palo Verde	9		NS	Cambium Damage
89	Foothills Palo Verde	9		S	
90	Foothills Palo Verde	7		NS	Mistletoe / Cambium Damage
91	Foothills Palo Verde	10		NS	Mistletoe / Cambium Damage
92	Foothills Palo Verde	20		NS	Cambium Damage / Poor Structure
93	Saguaro	16		S	
94	Foothills Palo Verde	8		S	
95	Foothills Palo Verde	8		S	
96	Foothills Palo Verde	14		NS	Cambium Damage
97	Foothills Palo Verde	6		S	
98	Foothills Palo Verde	6		NS	Exposed Roots
99	Foothills Palo Verde	12		NS	Cambium Damage
100	Foothills Palo Verde	4		S	
101	Foothills Palo Verde	8		S	
102	Foothills Palo Verde	11		NS	Exposed Roots
103	Foothills Palo Verde	14		NS	Mistletoe
104	Foothills Palo Verde	8		S	
105	Foothills Palo Verde	9		NS	Cambium Damage
106	Foothills Palo Verde	7		S	
107	Foothills Palo Verde	10		NS	Cambium Damage
108	Saguaro	4		S	
109	Foothills Palo Verde	12		NS	Cambium Damage / Mistletoe
110	Foothills Palo Verde	8		S	
111	Foothills Palo Verde	10		NS	Mistletoe
112	Foothills Palo Verde	8		NS	Exposed Roots
113	Foothills Palo Verde	9		S	
114	Foothills Palo Verde	12		NS	Cambium Damage
115	Foothills Palo Verde	8		S	
116	Ocotillo	16		S	
117	Saguaro	5		S	
118	Saguaro	5		S	
119	Saguaro	5		S	
120	Foothills Palo Verde	8		NS	Cambium Damage
121	Foothills Palo Verde	10		S	
122	Foothills Palo Verde	10		S	
123	Foothills Palo Verde	7		NS	Form / Leaning
124	Foothills Palo Verde	4		S	
125	Foothills Palo Verde	9		S	
126	Foothills Palo Verde	9		S	
127	Saguaro	74	7	S	
128	Foothills Palo Verde	16		NS	Cambium Damage
129	Foothills Palo Verde	12		S	
130	Foothills Palo Verde	12		NS	Cambium Damage
131	Foothills Palo Verde	11		NS	Cambium Damage / Poor Structure
132	Foothills Palo Verde	7		NS	Leaning / Poor Structure
133	Saguaro	59	2	S	
134	Foothills Palo Verde	8		S	
135	Foothills Palo Verde	5		S	

Plant #	Common Name	Caliper (in)/ Height (ft)	Cacti Arms	Status	Comments
136	Foothills Palo Verde	9		S	
137	Foothills Palo Verde	20		NS	Wide Base / Poor Structure
138	Foothills Palo Verde	5		NS	Cambium Damage / Poor Structure
139	Foothills Palo Verde	9		S	
140	Foothills Palo Verde	6		S	
141	Foothills Palo Verde	12		NS	Cambium Damage / Poor Structure
142	Foothills Palo Verde	7		NS	Cambium Damage / Mistletoe
143	Foothills Palo Verde	18		S	
144	Foothills Palo Verde	15		S	
145	Saguaro	4		S	
146	Foothills Palo Verde	10		S	
147	Foothills Palo Verde	16		S	
148	Foothills Palo Verde	12		NS	Mistletoe / Cambium Damage
149	Ironwood	26		NS	Cambium Damage / Poor Structure
150	Saguaro	99	9	S	
151	Saguaro	9		S	
152	Ocotillo	20		S	
153	Foothills Palo Verde	9		S	
154	Foothills Palo Verde	6		NS	Exposed Roots
155	Foothills Palo Verde	16		NS	Cambium Damage
156	Foothills Palo Verde	8		NS	Cambium Damage
157	Foothills Palo Verde	8		S	
158	Foothills Palo Verde	8		NS	Cambium Damage
159	Saguaro	8		NS	Damaged
160	Foothills Palo Verde	8		NS	Cambium Damage
161	Barrel	4		S	
162	Foothills Palo Verde	8		NS	Cambium Damage
163	Foothills Palo Verde	8		NS	Cambium Damage
164	Foothills Palo Verde	8		S	
165	Foothills Palo Verde	4		NS	Branch Dieback
166	Foothills Palo Verde	4		NS	Branch Dieback / Poor Structure
167	Foothills Palo Verde	8		S	
168	Foothills Palo Verde	8		NS	Cambium Damage
169	Foothills Palo Verde	8		S	
170	Ocotillo	6		S	
171	Foothills Palo Verde	6		NS	Form / Leaning
172	Foothills Palo Verde	8		NS	Cambium Damage
173	Foothills Palo Verde	6		NS	Form / Leaning
174	Saguaro	3		S	
175	Foothills Palo Verde	12		S	
176	Foothills Palo Verde	8		NS	Cambium Damage
177	Foothills Palo Verde	8		NS	Cambium Damage / Leaning
178	Barrel	4		S	
179	Foothills Palo Verde	8		NS	Cambium Damage / Leaning
180	Foothills Palo Verde	5		S	
181	Ironwood	6		S	
182	Ironwood	6		NS	Cambium Damage
183	Foothills Palo Verde	8		NS	Cambium Damage
184	Foothills Palo Verde	8		NS	Cambium Damage / Leaning

Plant #	Common Name	Caliper (in)/ Height (ft)	Cacti Arms	Status	Comments
185	Foothills Palo Verde	8		NS	Branch Dieback / Leaning
186	Foothills Palo Verde	9		NS	Cambium Damage / Leaning
187	Foothills Palo Verde	9		S	
188	Foothills Palo Verde	9		NS	Cambium Damage
189	Foothills Palo Verde	7		NS	Cambium Damage
190	Foothills Palo Verde	9		NS	Cambium Damage
191	Foothills Palo Verde	5		NS	Cambium Damage
192	Foothills Palo Verde	10		S	
193	Ocotillo	16		S	
194	Foothills Palo Verde	8		S	
195	Foothills Palo Verde	8		NS	Form / Leaning
196	Foothills Palo Verde	16		NS	Cambium Damage / Leaning
197	Foothills Palo Verde	5		NS	Form / Leaning
198	Foothills Palo Verde	7		S	
199	Foothills Palo Verde	6		S	
200	Foothills Palo Verde	12		NS	Form / Poor Structure
201	Foothills Palo Verde	7		NS	Leaning / Root Growth
202	Foothills Palo Verde	9		S	
203	Foothills Palo Verde	4		NS	Form / Leaning
204	Saguaro	5		NS	Damaged
205	Foothills Palo Verde	10		NS	Cambium Damage / Poor Structure
206	Saguaro	13		S	
207	Foothills Palo Verde	14		NS	Cambium Damage / Poor Structure
208	Foothills Palo Verde	7		NS	Leaning / Poor Structure
209	Foothills Palo Verde	10		NS	Cambium Damage / Poor Structure
210	Foothills Palo Verde	14		S	
211	Foothills Palo Verde	7		NS	Form / Leaning
212	Foothills Palo Verde	7		NS	Form / Leaning
213	Foothills Palo Verde	5		NS	Form / Leaning
214	Foothills Palo Verde	10		NS	Cluster / Leaning
215	Foothills Palo Verde	10		NS	Poor Structure / Cambium Damage
216	Foothills Palo Verde	15		S	
217	Foothills Palo Verde	12		NS	Cambium Damage
218	Foothills Palo Verde	8		S	
219	Saguaro	12		S	
220	Foothills Palo Verde	15		NS	Exposed Roots / Cambium Damage
221	Saguaro	4		S	
222	Foothills Palo Verde	9		S	
223	Foothills Palo Verde	10		S	
224	Foothills Palo Verde	8		S	
225	Foothills Palo Verde	7		NS	Cambium Damage
226	Foothills Palo Verde	6		NS	Form / Leaning
227	Foothills Palo Verde	8		NS	Mistletoe
228	Foothills Palo Verde	10		NS	Mistletoe / Cambium Damage
229	Ocotillo	6		S	
230	Foothills Palo Verde	6		NS	Form / Leaning
231	Foothills Palo Verde	14		NS	Mistletoe
232	Foothills Palo Verde	6		NS	Cambium Damage
233	Foothills Palo Verde	10		NS	Cambium Damage

Plant #	Common Name	Caliper (in)/ Height (ft)	Cacti Arms	Status	Comments
234	Foothills Palo Verde	12		NS	Cambium Damage
235	Foothills Palo Verde	8		NS	Exposed Roots
236	Foothills Palo Verde	7		NS	Cambium Damage
237	Ironwood	9		NS	Cambium Damage / Wash
238	Foothills Palo Verde	11		S	
239	Foothills Palo Verde	12		S	
240	Foothills Palo Verde	10		NS	Exposed Roots / On Slope
241	Saguaro	45	3	S	
242	Foothills Palo Verde	16		S	
243	Foothills Palo Verde	10		NS	Cambium Damage
244	Foothills Palo Verde	10		NS	Exposed Roots
245	Foothills Palo Verde	6		NS	Cambium Damage
246	Ironwood	9		S	
247	Ironwood	16		S	
248	Foothills Palo Verde	6		NS	Cambium Damage
249	Foothills Palo Verde	10		S	
250	Foothills Palo Verde	6		S	
251	Foothills Palo Verde	9		NS	Cambium Damage
252	Saguaro	4		S	
253	Foothills Palo Verde	18		NS	Cambium Damage
254	Barrel	4		S	
255	Foothills Palo Verde	8		S	
256	Foothills Palo Verde	6		NS	Form / Leaning
257	Foothills Palo Verde	14		NS	Cambium Damage
258	Foothills Palo Verde	12		S	
259	Foothills Palo Verde	10		NS	Cambium Damage
260	Foothills Palo Verde	10		NS	Cambium Damage / Poor Structure
261	Foothills Palo Verde	6		NS	Form / Poor Structure
262	Foothills Palo Verde	8		S	
263	Foothills Palo Verde	4		NS	Form / Leaning
264	Foothills Palo Verde	14		NS	Cambium Damage / Poor Structure
265	Foothills Palo Verde	12		NS	Mistletoe / Cambium Damage
266	Saguaro	4		S	
267	Saguaro	4		S	
268	Foothills Palo Verde	5		NS	Exposed Roots / Cambium Damage
269	Foothills Palo Verde	7		S	
270	Foothills Palo Verde	7		NS	Exposed Roots
271	Saguaro	37	2	S	
272	Foothills Palo Verde	7		NS	Leaning / Poor Structure
273	Foothills Palo Verde	7		S	
274	Foothills Palo Verde	7		NS	Cambium Damage / Poor Structure
275	Foothills Palo Verde	22		NS	Wide Base / Poor Structure
276	Foothills Palo Verde	12		NS	Leaning / Poor Structure
277	Foothills Palo Verde	7		NS	Leaning / Poor Structure
278	Foothills Palo Verde	5		NS	Leaning / Poor Structure
279	Foothills Palo Verde	5		NS	Leaning / Poor Structure
280	Foothills Palo Verde	20		NS	Cambium Damage / Poor Structure
281	Foothills Palo Verde	4		S	
282	Foothills Palo Verde	8		S	

Plant #	Common Name	Caliper (in)/ Height (ft)	Cacti Arms	Status	Comments
283	Foothills Palo Verde	16		NS	Cambium Damage
284	Foothills Palo Verde	14		S	
285	Foothills Palo Verde	6		NS	Leaning / Cambium Damage
286	Foothills Palo Verde	7		S	
287	Foothills Palo Verde	8		S	
288	Foothills Palo Verde	5		S	
289	Foothills Palo Verde	16		NS	Wide Base / Poor Structure
290	Foothills Palo Verde	7		S	
291	Mesquite	7		S	
292	Mesquite	10		S	
293	Ocotillo	12		S	
294	Mesquite	8		S	
295	Foothills Palo Verde	14		S	
296	Ocotillo	13		S	
297	Mesquite	8		S	
298	Foothills Palo Verde	10		NS	Form / Poor Structure
299	Foothills Palo Verde	10		S	
300	Foothills Palo Verde	14		NS	Cambium Damage
301	Saguaro	5		S	
302	Mesquite	10		NS	Form / Cambium Damage
303	Saguaro	21		S	
304	Ocotillo	9		S	
305	Mesquite	8		NS	Form / Leaning
306	Mesquite	7		NS	Cambium Damage / Poor Structure
307	Mesquite	7		S	
308	Mesquite	12		S	
309	Mesquite	8		NS	Leaning / Poor Structure
310	Barrel	4		S	
311	Ocotillo	12		S	
312	Mesquite	10		S	
313	Barrel	4		S	
314	Barrel	4		S	
315	Mesquite	6		NS	Cambium Damage / Poor Structure
316	Foothills Palo Verde	8		S	
317	Mesquite	18		S	
318	Saguaro	13		S	
319	Barrel	4		S	
320	Mesquite	20		S	
321	Ocotillo	18		S	
322	Saguaro	78	6	NS	Declining
323	Saguaro	11		S	
324	Barrel	4		S	
325	Barrel	4		S	
326	Saguaro	49	6	NS	Damaged
327	Barrel	4		S	
328	Ocotillo	14		S	
329	Saguaro	12		S	
330	Barrel	4		S	
331	Foothills Palo Verde	8		NS	Cambium Damage

Plant #	Common Name	Caliper (in)/ Height (ft)	Cacti Arms	Status	Comments
332	Foothills Palo Verde	14		NS	Cambium Damage / Proximity to Wall
333	Barrel	4		S	
334	Saguaro	13		S	
335	Saguaro	11		S	
336	Ocotillo	14		S	
337	Foothills Palo Verde	12		NS	Form / Poor Structure
338	Saguaro	8		S	
339	Foothills Palo Verde	5		S	
340	Saguaro	4		S	
341	Foothills Palo Verde	8		NS	Exposed Roots
342	Saguaro	16	1	S	
343	Foothills Palo Verde	12		NS	Mistletoe
344	Barrel	4		S	
345	Foothills Palo Verde	10		NS	Exposed Roots / Poor Structure
346	Saguaro	16		S	
347	Foothills Palo Verde	7		S	
348	Foothills Palo Verde	12		S	
349	Saguaro	22		S	
350	Saguaro	22	1	S	
351	Ironwood	36		S	
352	Saguaro	29	5	S	
353	Foothills Palo Verde	4		S	
354	Ironwood	30		NS	Cambium Damage
355	Foothills Palo Verde	12		S	
356	Foothills Palo Verde	6		NS	Form / Leaning
357	Foothills Palo Verde	9		S	
358	Foothills Palo Verde	14		S	
359	Foothills Palo Verde	10		NS	Leaning / Cambium Damage
360	Foothills Palo Verde	14		S	
361	Foothills Palo Verde	10		NS	Leaning / Poor Structure
362	Saguaro	37	4	S	
363	Foothills Palo Verde	14		NS	Leaning / Poor Structure
364	Foothills Palo Verde	10		S	
365	Foothills Palo Verde	12		NS	Form / Poor Structure
366	Ocotillo	13		S	
367	Foothills Palo Verde	8		NS	Form / Poor Structure
368	Foothills Palo Verde	8		S	
369	Foothills Palo Verde	10		S	
370	Foothills Palo Verde	12		NS	Cambium Damage
371	Foothills Palo Verde	10		S	
372	Ironwood	22		S	
373	Saguaro	60	4	NS	Declining
374	Saguaro	12		S	
375	Saguaro	40	5	S	
376	Ironwood	18		S	
377	Foothills Palo Verde	11		S	
378	Saguaro	16		S	
379	Saguaro	48	4	NS	Damaged
380	Ironwood	38		NS	Cambium Damage

Plant #	Common Name	Caliper (in)/ Height (ft)	Cacti Arms	Status	Comments
381	Mesquite	8		NS	Cambium Damage
382	Saguaro	44	3	NS	Damaged
383	Ironwood	20		S	
384	Saguaro	17		S	
385	Saguaro	134	4	NS	Damaged
386	Foothills Palo Verde	8		NS	Cambium Damage
387	Foothills Palo Verde	18		NS	Cambium Damage
388	Foothills Palo Verde	14		NS	Form / Poor Structure
389	Ocotillo	10		NS	Damaged
390	Mesquite	22		NS	Proximity to Wall
391	Ocotillo	13		NS	Form / Proximity to Utility
392	Foothills Palo Verde	6		S	
393	Saguaro	34	3	S	
394	Ironwood	22		NS	Proximity to Building
395	Saguaro	48	4	NS	Damaged
396	Saguaro	5		S	
397	Saguaro	21		S	
398	Saguaro	48		S	2 heads
399	Foothills Palo Verde	8		S	
400	Foothills Palo Verde	4		NS	Form / Poor Structure
401	Foothills Palo Verde	10		S	
402	Ocotillo	14		S	
403	Foothills Palo Verde	5		NS	Form / Leaning
404	Foothills Palo Verde	8		NS	Cambium Damage
405	Foothills Palo Verde	12		NS	Leaning / Poor Structure
406	Foothills Palo Verde	12		S	
407	Foothills Palo Verde	18		NS	Cambium Damage / Broken Branches
408	Saguaro	3		S	
409	Foothills Palo Verde	4		S	
410	Saguaro	47	3	S	
411	Saguaro	7		S	
412	Foothills Palo Verde	9		S	
413	Saguaro	6		S	
414	Ocotillo	13		S	
415	Ironwood	10		S	
416	Foothills Palo Verde	9		S	
417	Foothills Palo Verde	5		S	
418	Foothills Palo Verde	9		S	
419	Barrel	4		S	
420	Foothills Palo Verde	16		S	
421	Saguaro	4		S	
422	Barrel	4		S	
423	Foothills Palo Verde	4		NS	Branch Dieback
424	Foothills Palo Verde	8		S	
425	Foothills Palo Verde	8		S	
426	Barrel	4		S	
427	Ocotillo	9		S	
428	Ocotillo	9		S	
429	Ocotillo	6		S	

Plant #	Common Name	Caliper (in)/ Height (ft)	Cacti Arms	Status	Comments
430	Ocotillo	5		S	
431	Barrel	4		S	
432	Barrel	4		S	
433	Saguaro	33	1	S	
434	Foothills Palo Verde	4		NS	Form / Leaning
435	Foothills Palo Verde	10		S	
436	Foothills Palo Verde	13		S	
437	Ocotillo	13		S	
438	Foothills Palo Verde	8		S	
439	Foothills Palo Verde	12		NS	Cambium Damage
440	Saguaro	5		NS	Damaged
441	Ocotillo	18		S	
442	Ocotillo	6		S	
443	Foothills Palo Verde	8		NS	Cambium Damage
444	Foothills Palo Verde	12		NS	Cambium Damage
445	Foothills Palo Verde	14		NS	Cambium Damage
446	Foothills Palo Verde	8		NS	Cambium Damage
447	Foothills Palo Verde	8		NS	Exposed Roots / Root Growth
448	Foothills Palo Verde	12		NS	Exposed Roots / Cambium Damage
449	Foothills Palo Verde	5		NS	Exposed Roots / Leaning
450	Foothills Palo Verde	7		NS	Cambium Damage / Leaning
451	Foothills Palo Verde	7		NS	Cambium Damage / Leaning
452	Saguaro	28	2	S	
453	Ironwood	40		NS	Cambium Damage
454	Foothills Palo Verde	14		NS	Cambium Damage / Poor Structure
455	Foothills Palo Verde	8		NS	Exposed Roots / Poor Structure
456	Ocotillo	14		S	
457	Foothills Palo Verde	9		S	
458	Foothills Palo Verde	16		S	
459	Foothills Palo Verde	6		S	
460	Saguaro	4		S	
461	Foothills Palo Verde	7		NS	Cambium Damage
462	Ocotillo	17		S	
463	Foothills Palo Verde	8		S	
464	Foothills Palo Verde	5		NS	Exposed Roots
465	Foothills Palo Verde	8		S	
466	Foothills Palo Verde	7		S	
467	Foothills Palo Verde	5		S	
468	Foothills Palo Verde	6		NS	Form / Leaning
469	Saguaro	34	4	S	
470	Foothills Palo Verde	7		NS	Diseased / Poor Structure
471	Foothills Palo Verde	14		S	
472	Saguaro	23	3	S	
473	Ocotillo	17		S	
474	Foothills Palo Verde	9		S	
475	Foothills Palo Verde	8		NS	Cambium Damage
476	Foothills Palo Verde	8		NS	Leaning / Poor Structure
477	Foothills Palo Verde	4		NS	Cambium Damage / Leaning
478	Foothills Palo Verde	16		NS	Cambium Damage

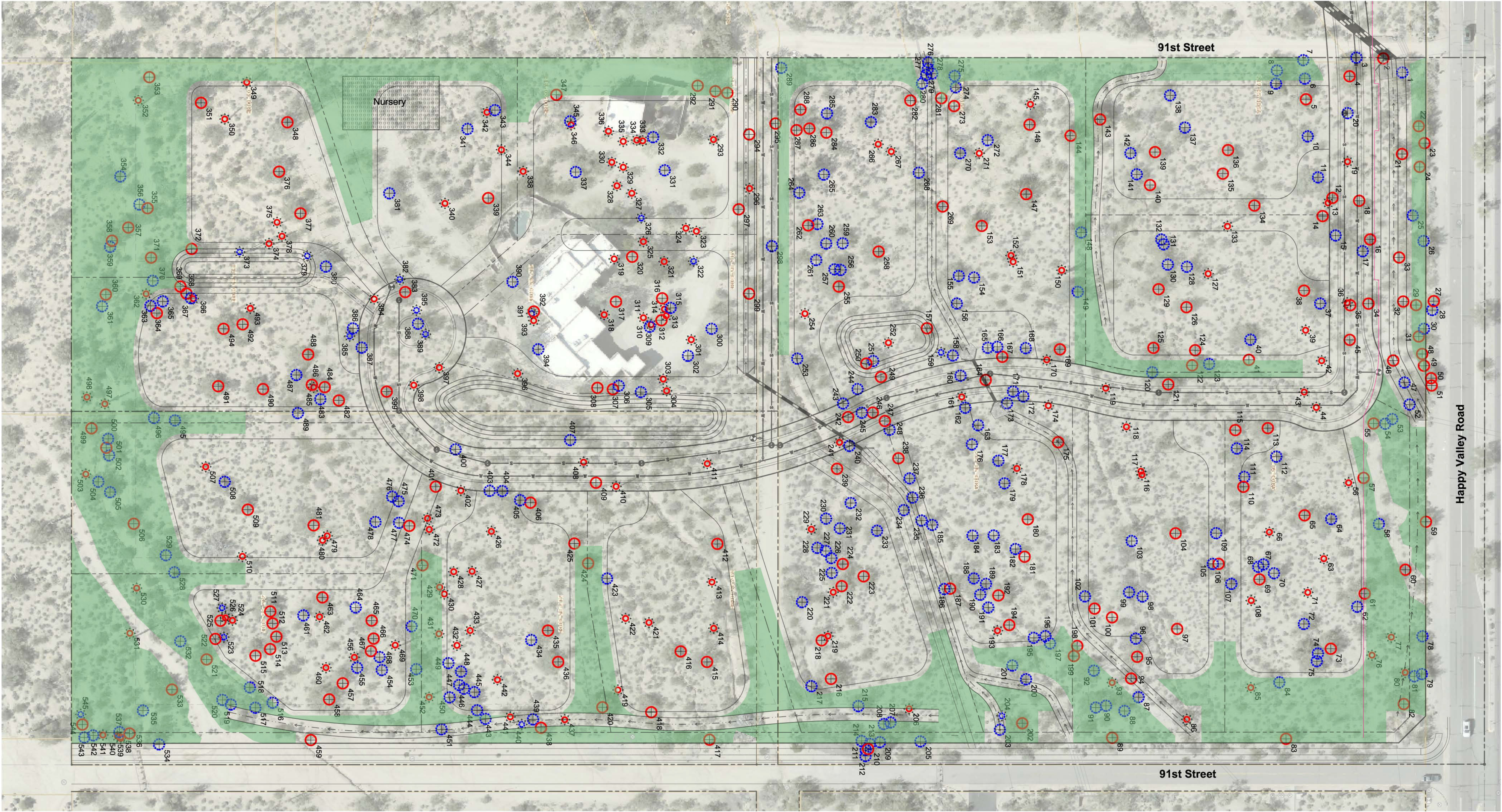
Plant #	Common Name	Caliper (in)/ Height (ft)	Cacti Arms	Status	Comments
479	Barrel	5		S	2 heads
480	Saguaro	36	4	S	
481	Ironwood	20		S	
482	Foothills Palo Verde	9		S	
483	Foothills Palo Verde	14		NS	Mistletoe
484	Foothills Palo Verde	8		S	
485	Ocotillo	8		S	
486	Foothills Palo Verde	12		S	
487	Foothills Palo Verde	10		NS	Leaning / Cambium Damage
488	Foothills Palo Verde	10		S	
489	Foothills Palo Verde	14		NS	Cambium Damage
490	Foothills Palo Verde	10		S	
491	Foothills Palo Verde	11		S	
492	Foothills Palo Verde	16		S	
493	Barrel	5		S	
494	Foothills Palo Verde	12		S	
495	Foothills Palo Verde	12		NS	Cambium Damage
496	Foothills Palo Verde	14		NS	Cambium Damage / Mistletoe
497	Saguaro	46	4	S	
498	Barrel	4		S	
499	Foothills Palo Verde	8		S	
500	Foothills Palo Verde	7		NS	Form / Leaning
501	Foothills Palo Verde	8		S	
502	Foothills Palo Verde	8		NS	Cambium Damage / Leaning
503	Saguaro	6		S	
504	Ironwood	10		NS	Form / Leaning
505	Foothills Palo Verde	10		NS	Exposed Roots / Cambium Damage
506	Foothills Palo Verde	12		S	
507	Saguaro	25	1	S	
508	Foothills Palo Verde	7		NS	Cambium Damage
509	Foothills Palo Verde	7		S	
510	Saguaro	10		S	
511	Foothills Palo Verde	12		S	
512	Foothills Palo Verde	7		S	
513	Foothills Palo Verde	7		S	
514	Foothills Palo Verde	8		S	
515	Foothills Palo Verde	8		S	
516	Foothills Palo Verde	5		NS	Form / Leaning
517	Foothills Palo Verde	14		NS	Trunk Form / Poor Structure
518	Foothills Palo Verde	10		NS	Exposed Roots / Leaning
519	Foothills Palo Verde	4		NS	Leaning / Poor Structure
520	Foothills Palo Verde	8		NS	Cambium Damage / Leaning
521	Foothills Palo Verde	8		S	
522	Foothills Palo Verde	12		S	
523	Ocotillo	16		NS	Damaged
524	Saguaro	48	3	S	
525	Foothills Palo Verde	10		S	
526	Ocotillo	10		S	
527	Ocotillo	9		NS	Form / Poor Structure

Plant #	Common Name	Caliper (in)/ Height (ft)	Cacti Arms	Status	Comments
528	Foothills Palo Verde	8		NS	Cambium Damage / Poor Structure
529	Foothills Palo Verde	12		NS	Cambium Damage / Poor Structure
530	Saguaro	4		S	
531	Saguaro	51	2	S	
532	Foothills Palo Verde	10		NS	Mistletoe
533	Foothills Palo Verde	14		S	
534	Foothills Palo Verde	14		NS	Cambium Damage
535	Foothills Palo Verde	6		NS	Mistletoe
536	Foothills Palo Verde	6		S	
537	Ironwood	10		NS	Cambium Damage
538	Saguaro	6		S	
539	Saguaro	7		S	
540	Saguaro	5		S	
541	Ocotillo	12		S	
542	Foothills Palo Verde	8		NS	Mistletoe
543	Blue Palo Verde	9		NS	Cambium Damage
544	Foothills Palo Verde	7		S	
545	Barrel	4		NS	Form / Poor Structure

Summary	Trees	Cacti
Salvageable	179	128
Non-Salvageable	223	15
Remain-In-Place	0	0
Total	402	143

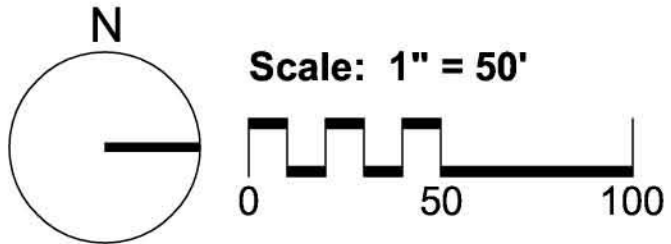
Legend

S = Salvageable
NS = Non-Salvageable
RIP = Remain-In-Place



Plant Legend

- Tree - Salvageable
- Tree - Non-Salvageable
- Tree - Remain In Place
- Cacti - Salvageable
- Cacti - Non-Salvageable
- Cacti - Remain In Place
- Undisturbed NAOS - Trees to remain (More detail to be provided at Preliminary Plat)



Project Consultants

Salvage Contractor
Native Resources International
1540 West Happy Valley Road
Phoenix, Arizona 85085
623-869-6757 (p) • 623-869-6769 (f)
Contact: Kevin Brenda - kevin@nativeresources.com

Happy Valley & 92nd
SWC of Happy Valley Road & 92nd Street
Scottsdale, Arizona
Native Plant Inventory

Native Resources Intl.
1540 W Happy Valley Rd.
Phoenix, AZ. 85085
Phone (623) 869-6757
Fax (623) 869-6769



DATE:	11/29/2019
REVISION:	
SCALE:	1" = 50'
CHECKED:	
DRAWN:	KB
SHEET	1 OF 1



Native Plant Inventory

Happy Valley & 91st Street

SWC of Happy Valley Road & 91st Street

Scottsdale, AZ

5/21/2019

Plant #	Phase	Common Name	Caliper (in)/ Height (ft)	Status	Comments
1	2	Foothills Palo Verde	12	RIP	Trunk Form / Leaning
2	2	Foothills Palo Verde	12	RIP	Cambium Damage
3	2	Barrel	5	RIP	
4	2	Foothills Palo Verde	7	RIP	Cambium Damage
5	2	Ironwood	26	RIP	Branch Dieback / Cambium Damage
6	2	Ironwood	34	RIP	Branch Dieback / Cambium Damage
7	2	Ironwood	12	RIP	Mistletoe / Cambium Damage
8	2	Foothills Palo Verde	8	RIP	Branch Dieback / Cambium Damage
9	2	Foothills Palo Verde	7	RIP	Trunk Form / Leaning
10	2	Foothills Palo Verde	16	RIP	Cambium Damage
11	1	Ironwood	6	S	
12	1	Ironwood	10	NS	Cambium Damage
13	2	Foothills Palo Verde	10	RIP	
14	2	Foothills Palo Verde	9	RIP	
15	2	Foothills Palo Verde	9	RIP	Branch Dieback
16	1	Ironwood	8	NS	Branch Dieback
17	1	Foothills Palo Verde	9	S	
18	1	Ironwood	10	NS	Branch Dieback
19	1	Foothills Palo Verde	5	NS	Branch Dieback
20	1	Foothills Palo Verde	12	NS	Cambium Damage
21	1	Foothills Palo Verde	7	NS	Cambium Damage
22	2	Saguaro	10	RIP	
23	2	Foothills Palo Verde	10	RIP	Cambium Damage
24	2	Foothills Palo Verde	7	RIP	Cambium Damage
25	2	Ironwood	7	RIP	
26	2	Ironwood	7	RIP	Branch Dieback
27	2	Foothills Palo Verde	12	RIP	Branch Dieback / Cambium Damage
28	2	Foothills Palo Verde	10	RIP	Exposed Roots
29	2	Foothills Palo Verde	8	RIP	Exposed Roots / Cambium Damage
30	2	Ironwood	14	RIP	Cambium Damage / Poor Structure
31	2	Saguaro	26	RIP	2 arms / Damaged
32	2	Foothills Palo Verde	14	RIP	Leaning / Poor Structure
33	2	Ironwood	18	RIP	Cambium Damage
34	2	Foothills Palo Verde	10	RIP	Trunk Form / Leaning
35	2	Foothills Palo Verde	7	RIP	Trunk Form / Leaning
36	2	Foothills Palo Verde	8	RIP	
37	2	Ironwood	4	RIP	Cambium Damage

Plant #	Phase	Common Name	Caliper (in)/ Height (ft)	Status	Comments
38	2	Foothills Palo Verde	8	RIP	Branch Dieback / Cambium Damage
39	2	Foothills Palo Verde	8	RIP	Branch Dieback / Cambium Damage
40	2	Foothills Palo Verde	8	RIP	
41	2	Foothills Palo Verde	6	RIP	
42	2	Saguaro	3	RIP	
43	2	Foothills Palo Verde	6	RIP	Branch Dieback / Cambium Damage
44	2	Saguaro	15	RIP	
45	2	Saguaro	28	RIP	4 arms
46	2	Foothills Palo Verde	6	RIP	
47	2	Foothills Palo Verde	7	RIP	Cambium Damage
48	2	Foothills Palo Verde	8	RIP	Exposed Roots / Cambium Damage
49	2	Foothills Palo Verde	7	RIP	Branch Dieback / Cambium Damage
50	2	Ironwood	12	RIP	Mistletoe
51	2	Foothills Palo Verde	8	RIP	
52	1	Foothills Palo Verde	14	S	
53	2	Foothills Palo Verde	7	RIP	
54	1	Foothills Palo Verde	7	NS	Cluster
55	1	Foothills Palo Verde	8	S	
56	1	Foothills Palo Verde	12	NS	Mistletoe
57	1	Foothills Palo Verde	5	S	
58	2	Foothills Palo Verde	5	RIP	
59	1	Mesquite	16	S	
60	2	Saguaro	5	RIP	
61	2	Saguaro	3	RIP	
62	2	Foothills Palo Verde	10	RIP	Mistletoe / Cambium Damage
63	2	Saguaro	10	RIP	
64	2	Saguaro	12	RIP	
65	2	Saguaro	5	RIP	Damaged
66	2	Foothills Palo Verde	12	RIP	Mistletoe / Cambium Damage
67	2	Foothills Palo Verde	12	RIP	Mistletoe / Cambium Damage
68	1	Foothills Palo Verde	6	S	
69	1	Foothills Palo Verde	9	NS	Trunk Form / Leaning
70	1	Foothills Palo Verde	6	NS	Trunk Form / Leaning
71	2	Saguaro	23	RIP	2 arms
72	2	Foothills Palo Verde	12	RIP	Mistletoe
73	2	Foothills Palo Verde	8	RIP	Exposed Roots / Poor Structure
74	2	Foothills Palo Verde	24	RIP	Mistletoe
75	1	Mesquite	6	NS	Trunk Form / Leaning
76	1	Mesquite	6	NS	Proximity to Transformer
77	2	Foothills Palo Verde	10	RIP	Cambium Damage
78	2	Saguaro	5	RIP	
79	2	Barrel	5	RIP	
80	2	Foothills Palo Verde	8	RIP	Cambium Damage
81	2	Foothills Palo Verde	9	RIP	Mistletoe / Cambium Damage
82	1	Foothills Palo Verde	8	NS	Exposed Roots / Leaning
83	2	Foothills Palo Verde	8	RIP	Branch Dieback
84	2	Foothills Palo Verde	12	RIP	Branch Dieback / Cambium Damage
85	2	Foothills Palo Verde	8	RIP	Mistletoe / Cambium Damage
86	2	Foothills Palo Verde	8	RIP	

Plant #	Phase	Common Name	Caliper (in)/ Height (ft)	Status	Comments
87	2	Foothills Palo Verde	16	RIP	Mistletoe / Cambium Damage
88	2	Saguaro	3	RIP	
89	1	Foothills Palo Verde	5	NS	Branch Dieback / Declining
90	1	Foothills Palo Verde	7	NS	Branch Dieback / Cambium Damage
91	1	Ironwood	30	NS	Branch Dieback / Cambium Damage
92	2	Barrel	3	RIP	
93	2	Barrel	4	RIP	
94	2	Foothills Palo Verde	7	RIP	Branch Dieback / Cambium Damage
95	2	Saguaro	27	RIP	
96	2	Foothills Palo Verde	8	RIP	Branch Dieback / Cambium Damage
97	2	Saguaro	3	RIP	
98	2	Saguaro	9	RIP	
99	2	Foothills Palo Verde	8	RIP	Cambium Damage
100	1	Saguaro	3	S	
101	1	Foothills Palo Verde	8	NS	Exposed Roots
102	1	Foothills Palo Verde	9	NS	Exposed Roots / Cambium Damage
103	1	Foothills Palo Verde	6	NS	Trunk Form / Cambium Damage
104	1	Foothills Palo Verde	8	NS	Exposed Roots / Cambium Damage
105	1	Foothills Palo Verde	8	NS	Mistletoe / Cambium Damage
106	2	Foothills Palo Verde	8	RIP	Branch Dieback / Cambium Damage
107	1	Foothills Palo Verde	8	S	
108	2	Foothills Palo Verde	6	RIP	
109	2	Foothills Palo Verde	8	RIP	Cambium Damage
110	2	Foothills Palo Verde	7	RIP	Cambium Damage / Leaning
111	2	Foothills Palo Verde	7	RIP	Branch Dieback / Poor Structure
112	2	Saguaro	4	RIP	
113	2	Foothills Palo Verde	7	RIP	Cambium Damage
114	1	Foothills Palo Verde	20	NS	Branch Dieback / Cambium Damage
115	1	Foothills Palo Verde	15	NS	Cambium Damage / Leaning
116	1	Foothills Palo Verde	10	S	
117	1	Foothills Palo Verde	8	NS	Branch Dieback
118	1	Saguaro	17	NS	Declining
119	1	Foothills Palo Verde	8	S	
120	1	Foothills Palo Verde	8	S	
121	1	Foothills Palo Verde	18	NS	Branch Dieback
122	1	Saguaro	37	NS	5 arms / Damaged
123	2	Foothills Palo Verde	5	RIP	
124	2	Foothills Palo Verde	12	RIP	Mistletoe
125	2	Saguaro	31	RIP	4 arms
126	2	Foothills Palo Verde	9	RIP	Cambium Damage
127	2	Saguaro	8	RIP	
128	2	Foothills Palo Verde	6	RIP	Exposed Roots / Leaning
129	2	Foothills Palo Verde	18	RIP	
130	2	Foothills Palo Verde	14	RIP	
131	2	Barrel	3	RIP	
132	2	Saguaro	3	RIP	
133	2	Foothills Palo Verde	8	RIP	Cambium Damage
134	2	Foothills Palo Verde	8	RIP	Branch Dieback / Declining
135	2	Foothills Palo Verde	4	RIP	

Plant #	Phase	Common Name	Caliper (in)/ Height (ft)	Status	Comments
136	1	Foothills Palo Verde	8	NS	Cambium Damage
137	1	Foothills Palo Verde	18	NS	Cambium Damage
138	1	Foothills Palo Verde	8	NS	Cambium Damage
139	1	Foothills Palo Verde	8	NS	Cambium Damage
140	1	Foothills Palo Verde	8	S	
141	1	Foothills Palo Verde	8	NS	Branch Dieback / Leaning
142	1	Saguaro	3	S	
143	2	Foothills Palo Verde	9	RIP	Branch Dieback / Proximity to Adjacent
144	2	Saguaro	33	RIP	2 arms
145	2	Foothills Palo Verde	5	RIP	
146	1	Foothills Palo Verde	5	NS	Cambium Damage
147	1	Foothills Palo Verde	6	NS	Cambium Damage
148	1	Foothills Palo Verde	8	NS	Trunk Form / Cambium Damage
149	1	Saguaro	4	S	
150	1	Ocotillo	16	S	
151	1	Foothills Palo Verde	17	S	
152	2	Saguaro	7	RIP	2 heads
153	2	Barrel	3	RIP	
154	2	Saguaro	3	RIP	
155	2	Foothills Palo Verde	7	RIP	Exposed Roots / Poor Structure
156	2	Foothills Palo Verde	8	RIP	Exposed Roots / Poor Structure
157	2	Foothills Palo Verde	5	RIP	Mistletoe
158	2	Foothills Palo Verde	7	RIP	
159	2	Foothills Palo Verde	12	RIP	Mistletoe / Exposed Roots
160	2	Foothills Palo Verde	11	RIP	
161	2	Ocotillo	7	RIP	
162	2	Foothills Palo Verde	5	RIP	Cambium Damage
163	2	Foothills Palo Verde	9	RIP	Cambium Damage
164	2	Foothills Palo Verde	6	RIP	Cambium Damage
165	2	Foothills Palo Verde	8	RIP	Branch Dieback
166	2	Foothills Palo Verde	6	RIP	Trunk Form / Poor Structure
167	2	Foothills Palo Verde	4	RIP	Exposed Roots / Poor Structure
168	2	Foothills Palo Verde	8	RIP	Branch Dieback / Cambium Damage
169	2	Foothills Palo Verde	10	RIP	Branch Dieback / Cambium Damage
170	2	Foothills Palo Verde	12	RIP	Branch Dieback / Cambium Damage
171	2	Foothills Palo Verde	7	RIP	Cambium Damage
172	2	Foothills Palo Verde	8	RIP	Mistletoe
173	2	Foothills Palo Verde	7	RIP	Branch Dieback / Leaning
174	2	Foothills Palo Verde	8	RIP	Exposed Roots
175	2	Foothills Palo Verde	5	RIP	Exposed Roots / Poor Structure
176	2	Foothills Palo Verde	7	RIP	Trunk Form / Leaning
177	2	Foothills Palo Verde	10	RIP	Cambium Damage
178	2	Foothills Palo Verde	7	RIP	Cambium Damage
179	2	Foothills Palo Verde	10	RIP	Cambium Damage / Leaning
180	2	Foothills Palo Verde	6	RIP	Cambium Damage / Leaning
181	2	Foothills Palo Verde	7	RIP	Trunk Form / Leaning
182	2	Foothills Palo Verde	7	RIP	Trunk Form / Leaning
183	2	Foothills Palo Verde	9	RIP	Trunk Form / Leaning
184	2	Foothills Palo Verde	12	RIP	Cambium Damage

Plant #	Phase	Common Name	Caliper (in)/ Height (ft)	Status	Comments
185	2	Foothills Palo Verde	12	RIP	
186	2	Foothills Palo Verde	8	RIP	Trunk Form / Leaning
187	2	Foothills Palo Verde	8	RIP	Trunk Form / Leaning
188	2	Saguaro	3	RIP	
189	2	Foothills Palo Verde	7	RIP	Branch Dieback
190	2	Saguaro	23	RIP	
191	2	Ocotillo	14	RIP	
192	2	Barrel	3	RIP	
193	2	Foothills Palo Verde	8	RIP	Cambium Damage
194	2	Barrel	3	RIP	
195	2	Barrel	4	RIP	
196	2	Barrel	3	RIP	
197	2	Barrel	3	RIP	
198	2	Foothills Palo Verde	6	RIP	
199	2	Saguaro	11	RIP	
200	2	Saguaro	20	RIP	2 arms / Damaged
201	2	Foothills Palo Verde	8	RIP	Exposed Roots / Cambium Damage
202	2	Foothills Palo Verde	8	RIP	Branch Dieback / Cambium Damage
203	2	Foothills Palo Verde	9	RIP	Branch Dieback / Cambium Damage
204	2	Foothills Palo Verde	12	RIP	Branch Dieback / Cambium Damage
205	1	Barrel	3	S	
206	1	Foothills Palo Verde	7	NS	Cambium Damage
207	1	Foothills Palo Verde	12	NS	Cambium Damage
208	1	Saguaro	14	S	
209	1	Barrel	3	S	
210	1	Ironwood	8	S	
211	1	Foothills Palo Verde	12	NS	Cambium Damage
212	1	Foothills Palo Verde	4	NS	Exposed Roots
213	2	Foothills Palo Verde	12	RIP	Cambium Damage
214	2	Foothills Palo Verde	14	RIP	Cambium Damage
215	1	Foothills Palo Verde	14	NS	Branch Dieback
216	1	Foothills Palo Verde	6	NS	Cambium Damage
217	1	Foothills Palo Verde	6	NS	Cambium Damage
218	1	Ocotillo	21	S	
219	1	Foothills Palo Verde	14	NS	Branch Dieback / Cambium Damage
220	1	Barrel	5	S	
221	1	Barrel	7	S	2 heads
222	1	Foothills Palo Verde	6	NS	Branch Dieback / Cambium Damage
223	1	Foothills Palo Verde	7	NS	Leaning / Poor Structure
224	1	Foothills Palo Verde	12	NS	Exposed Roots / Cambium Damage
225	1	Foothills Palo Verde	10	NS	Cambium Damage
226	1	Foothills Palo Verde	12	NS	Exposed Roots / Cambium Damage
227	1	Foothills Palo Verde	10	NS	Cambium Damage / Leaning
228	2	Foothills Palo Verde	7	RIP	
229	2	Foothills Palo Verde	7	RIP	Cambium Damage / Leaning
230	2	Foothills Palo Verde	20	RIP	Exposed Roots / Cambium Damage
231	2	Foothills Palo Verde	7	RIP	Cambium Damage / Leaning
232	2	Foothills Palo Verde	5	RIP	Cambium Damage / Leaning
233	2	Foothills Palo Verde	16	RIP	Cambium Damage

Plant #	Phase	Common Name	Caliper (in)/ Height (ft)	Status	Comments
234	2	Ocotillo	19	RIP	
235	2	Foothills Palo Verde	5	RIP	
236	2	Barrel	4	RIP	Damaged
237	2	Ironwood	8	RIP	
238	2	Foothills Palo Verde	7	RIP	
239	2	Saguaro	21	RIP	1 arm
240	2	Saguaro	4	RIP	
241	2	Barrel	6	RIP	Leaning / Poor Form
242	2	Foothills Palo Verde	14	RIP	Cambium Damage
243	2	Foothills Palo Verde	7	RIP	
244	2	Ocotillo	14	RIP	
245	2	Saguaro	5	RIP	
246	2	Ocotillo	20	RIP	
247	2	Barrel	4	RIP	
248	2	Foothills Palo Verde	10	RIP	Mistletoe
249	2	Barrel	3	RIP	
250	2	Ocotillo	14	RIP	
251	2	Ironwood	21	RIP	Exposed Roots / Cambium Damage
252	2	Saguaro	3	RIP	
253	2	Saguaro	3	RIP	
254	1	Saguaro	5	S	
255	1	Saguaro	5	S	
256	1	Foothills Palo Verde	7	NS	Exposed Roots / Cambium Damage
257	1	Ironwood	25	NS	Exposed Roots / Cambium Damage
258	1	Foothills Palo Verde	9	S	
259	1	Barrel	5	S	
260	2	Foothills Palo Verde	6	RIP	
261	2	Foothills Palo Verde	15	RIP	Exposed Roots / Cambium Damage
262	2	Foothills Palo Verde	5	RIP	Trunk Form / Root Growth
263	2	Foothills Palo Verde	7	RIP	Trunk Form / Root Growth
264	2	Foothills Palo Verde	7	RIP	Trunk Form / Leaning
265	2	Foothills Palo Verde	7	RIP	Exposed Roots / Root Growth
266	2	Foothills Palo Verde	7	RIP	Exposed Roots / Root Growth
267	2	Foothills Palo Verde	20	RIP	Exposed Roots / Cambium Damage
268	2	Foothills Palo Verde	5	RIP	Trunk Form / Leaning
269	2	Barrel	3	RIP	
270	2	Foothills Palo Verde	10	RIP	Branch Dieback / Mistletoe
271	1	Foothills Palo Verde	10	NS	Branch Dieback / Cambium Damage
272	1	Foothills Palo Verde	8	NS	Cambium Damage / Leaning
273	2	Foothills Palo Verde	8	RIP	Mistletoe / Cambium Damage
274	2	Foothills Palo Verde	5	RIP	Exposed Roots / Cambium Damage
275	2	Foothills Palo Verde	5	RIP	Branch Dieback / Cambium Damage
276	2	Foothills Palo Verde	7	RIP	Exposed Roots / Cambium Damage
277	2	Foothills Palo Verde	6	RIP	Exposed Roots / Cambium Damage
278	2	Foothills Palo Verde	4	RIP	Exposed Roots / Cambium Damage
279	2	Saguaro	7	RIP	
280	2	Foothills Palo Verde	7	RIP	Exposed Roots / Cambium Damage
281	2	Foothills Palo Verde	8	RIP	Mistletoe / Cambium Damage
281	2	Saguaro	4	RIP	

Plant #	Phase	Common Name	Caliper (in)/ Height (ft)	Status	Comments
283	2	Saguaro	14	RIP	
284	2	Foothills Palo Verde	5	RIP	Exposed Roots / Root Growth
285	2	Foothills Palo Verde	6	RIP	Exposed Roots / Root Growth
286	2	Foothills Palo Verde	8	RIP	Cambium Damage
287	2	Foothills Palo Verde	10	RIP	Mistletoe
288	2	Foothills Palo Verde	8	RIP	Cambium Damage / Shallow Roots
289	2	Saguaro	5	RIP	
290	2	Foothills Palo Verde	8	RIP	Branch Dieback / Cambium Damage
291	2	Saguaro	6	RIP	
292	1	Saguaro	5	S	
293	1	Foothills Palo Verde	6	S	
294	1	Foothills Palo Verde	7	S	
295	1	Foothills Palo Verde	5	NS	Proximity to Adjacent
296	2	Foothills Palo Verde	7	RIP	Poor Structure
297	2	Foothills Palo Verde	12	RIP	Leaning / Poor Structure
298	2	Foothills Palo Verde	6	RIP	Leaning / Poor Structure
299	2	Foothills Palo Verde	12	RIP	
300	2	Saguaro	9	RIP	2 heads
301	2	Foothills Palo Verde	14	RIP	
302	2	Ironwood	22	RIP	
303	2	Foothills Palo Verde	18	RIP	Cambium Damage / Poor Structure
304	2	Foothills Palo Verde	12	RIP	Branch Dieback / Cambium Damage
305	1	Foothills Palo Verde	5	S	
306	2	Barrel	3	RIP	
307	2	Foothills Palo Verde	12	RIP	Branch Dieback
308	2	Foothills Palo Verde	8	RIP	Leaning / Poor Structure
309	2	Ironwood	7	RIP	
310	2	Foothills Palo Verde	9	RIP	Cambium Damage
311	2	Ironwood	14	RIP	
312	2	Foothills Palo Verde	10	RIP	Cambium Damage / Split Trunk
313	1	Foothills Palo Verde	14	NS	Cambium Damage
314	1	Ironwood	9	S	
315	1	Foothills Palo Verde	8	S	
316	1	Barrel	6	S	
317	1	Saguaro	14	S	
318	1	Foothills Palo Verde	18	NS	Branch Dieback
319	1	Foothills Palo Verde	10	NS	Cambium Damage
320	1	Saguaro	7	S	1 arm
321	1	Saguaro	3	S	
322	1	Foothills Palo Verde	20	NS	Cambium Damage / Leaning
323	1	Ironwood	22	S	
324	1	Foothills Palo Verde	12	NS	Branch Dieback
325	1	Foothills Palo Verde	6	S	
326	2	Saguaro	6	RIP	
327	2	Foothills Palo Verde	24	RIP	Exposed Roots / Root Growth
328	2	Foothills Palo Verde	10	RIP	Cambium Damage / Broken Branches
329	1	Foothills Palo Verde	6	S	
330	1	Foothills Palo Verde	9	S	
331	1	Foothills Palo Verde	8	S	

Plant #	Phase	Common Name	Caliper (in)/ Height (ft)	Status	Comments
332	1	Foothills Palo Verde	7	S	
333	2	Saguaro	4	RIP	
334	2	Foothills Palo Verde	11	RIP	
335	2	Foothills Palo Verde	10	RIP	
336	2	Foothills Palo Verde	10	RIP	
337	2	Saguaro	14	RIP	
338	2	Ocotillo	12	RIP	
339	2	Foothills Palo Verde	8	RIP	
340	2	Foothills Palo Verde	8	RIP	Mistletoe
341	2	Saguaro	7	RIP	
342	2	Barrel	3	RIP	
343	2	Saguaro	26	RIP	1 arm
344	2	Foothills Palo Verde	12	RIP	Cambium Damage
345	2	Foothills Palo Verde	4	RIP	Exposed Roots / Leaning
346	2	Foothills Palo Verde	14	RIP	Exposed Roots / Poor Structure
347	2	Foothills Palo Verde	20	RIP	Exposed Roots / Root Growth
348	2	Foothills Palo Verde	7	RIP	Branch Dieback / Leaning
349	2	Saguaro	15	RIP	
350	2	Saguaro	52	RIP	2 arms
351	2	Foothills Palo Verde	14	RIP	Mistletoe
352	2	Barrel	5	RIP	Damaged
353	2	Foothills Palo Verde	8	RIP	
354	2	Foothills Palo Verde	7	RIP	Cambium Damage
355	1	Saguaro	3	S	
356	1	Saguaro	35	NS	4 arms / Declining
357	1	Saguaro	5	S	
358	1	Ironwood	28	S	
359	1	Foothills Palo Verde	8	NS	Mistletoe
360	1	Barrel	3	S	
361	2	Foothills Palo Verde	9	RIP	
362	2	Foothills Palo Verde	6	RIP	Exposed Roots
363	2	Foothills Palo Verde	8	RIP	Trunk Form / Leaning
364	2	Foothills Palo Verde	8	RIP	Exposed Roots
365	2	Foothills Palo Verde	4	RIP	Branch Dieback
366	2	Foothills Palo Verde	9	RIP	Branch Dieback
367	2	Foothills Palo Verde	12	RIP	Branch Dieback
368	2	Saguaro	20	RIP	3 arms
369	2	Saguaro	17	RIP	
370	2	Saguaro	12	RIP	
371	2	Foothills Palo Verde	7	RIP	
372	2	Foothills Palo Verde	8	RIP	
373	2	Foothills Palo Verde	10	RIP	Cambium Damage
374	2	Foothills Palo Verde	6	RIP	Trunk Form / Leaning
375	2	Ironwood	9	RIP	
376	2	Saguaro	6	RIP	
377	2	Foothills Palo Verde	7	RIP	Exposed Roots
378	2	Foothills Palo Verde	10	RIP	
379	2	Barrel	6	RIP	
380	2	Saguaro	5	RIP	

Plant #	Phase	Common Name	Caliper (in)/ Height (ft)	Status	Comments
381	2	Saguaro	22	RIP	
382	2	Ironwood	8	RIP	Branch Dieback
383	2	Ironwood	14	RIP	Cambium Damage
384	2	Ironwood	40	RIP	Cambium Damage
385	2	Ironwood	24	RIP	Cambium Damage
386	2	Barrel	9	RIP	Damaged
387	1	Foothills Palo Verde	7	NS	Exposed Roots
388	1	Barrel	7	S	
389	1	Foothills Palo Verde	9	NS	Cambium Damage / Leaning
390	1	Foothills Palo Verde	5	NS	Cambium Damage / Leaning
391	1	Foothills Palo Verde	14	NS	Cambium Damage / Poor Structure
392	1	Foothills Palo Verde	7	NS	Trunk Form / Leaning
393	1	Foothills Palo Verde	12	NS	Cambium Damage
394	1	Foothills Palo Verde	8	NS	Cambium Damage
395	1	Saguaro	31	S	1 arm
396	1	Foothills Palo Verde	8	S	
397	2	Saguaro	20	RIP	
398	2	Saguaro	19	RIP	
399	2	Saguaro	52	RIP	1 arm / Damaged
400	1	Ironwood	16	NS	Branch Dieback / Cambium Damage
401	2	Saguaro	10	RIP	
402	1	Foothills Palo Verde	12	NS	Exposed Roots / Cambium Damage
403	1	Foothills Palo Verde	14	NS	Branch Dieback / Cambium Damage
404	2	Foothills Palo Verde	11	RIP	
405	2	Saguaro	4	RIP	
406	2	Barrel	3	RIP	
407	2	Saguaro	3	RIP	
408	2	Foothills Palo Verde	12	RIP	Branch Dieback
409	2	Saguaro	35	RIP	3 arms
410	2	Foothills Palo Verde	14	RIP	
411	1	Saguaro	39	S	1 arm
412	1	Foothills Palo Verde	12	S	
413	1	Saguaro	8	S	
414	2	Ocotillo	19	RIP	
415	1	Barrel	4	S	
416	2	Saguaro	6	RIP	
417	2	Saguaro	3	RIP	
418	1	Foothills Palo Verde	8	S	
419	1	Ocotillo	14	S	
420	2	Foothills Palo Verde	8	RIP	Branch Dieback
421	2	Foothills Palo Verde	5	RIP	
422	2	Foothills Palo Verde	4	RIP	
423	2	Saguaro	3	RIP	
424	2	Saguaro	3	RIP	
425	2	Foothills Palo Verde	12	RIP	Prune Mistletoe
426	2	Foothills Palo Verde	8	RIP	Branch Dieback
427	2	Foothills Palo Verde	6	RIP	Trunk Form / Leaning
428	2	Foothills Palo Verde	7	RIP	Leaning / Cambium Damage
429	2	Saguaro	5	RIP	

Plant #	Phase	Common Name	Caliper (in)/ Height (ft)	Status	Comments
430	2	Barrel	5	RIP	
431	2	Ironwood	8	RIP	
432	1	Saguaro	4	S	
433	1	Foothills Palo Verde	8	NS	Mistletoe
434	1	Saguaro	6	S	
435	2	Saguaro	19	RIP	
436	2	Foothills Palo Verde	8	RIP	
437	2	Ironwood	36	RIP	Branch Dieback
438	2	Barrel	4	RIP	Damaged
439	2	Saguaro	36	RIP	3 arms
440	2	Saguaro	4	RIP	
441	2	Ironwood	20	RIP	Branch Dieback / Cambium Damage
442	2	Ironwood	18	RIP	Branch Dieback / Cambium Damage
443	2	Saguaro	7	RIP	
444	2	Saguaro	24	RIP	1 arm
445	2	Saguaro	53	RIP	6 arms
446	2	Saguaro	7	RIP	6 arms
447	2	Saguaro	49	RIP	5 arms / Damaged
448	2	Saguaro	44	RIP	3 arms / Damaged
449	2	Foothills Palo Verde	10	RIP	
450	2	Saguaro	3	RIP	
451	2	Saguaro	15	RIP	
452	2	Saguaro	12	RIP	
453	2	Saguaro	5	RIP	
454	2	Saguaro	9	RIP	
455	2	Foothills Palo Verde	7	RIP	
456	2	Foothills Palo Verde	11	RIP	
457	2	Foothills Palo Verde	14	RIP	Mistletoe
458	2	Ironwood	8	RIP	
459	2	Saguaro	4	RIP	
460	1	Ironwood	8	NS	Branch Dieback
461	1	Foothills Palo Verde	12	NS	Cambium Damage
462	1	Foothills Palo Verde	7	NS	Cambium Damage
463	1	Foothills Palo Verde	8	NS	Cambium Damage
464	1	Saguaro	24	NS	2 arms / Damaged
465	1	Saguaro	7	S	
466	1	Foothills Palo Verde	8	NS	Cambium Damage
467	1	Foothills Palo Verde	18	NS	Cambium Damage
468	1	Foothills Palo Verde	4	S	
469	1	Foothills Palo Verde	7	S	
470	1	Saguaro	29	S	1 arm
471	1	Saguaro	17	NS	2 arms / Damaged
472	1	Ironwood	12	S	
473	1	Foothills Palo Verde	10	NS	Cambium Damage
474	1	Foothills Palo Verde	5	NS	Cambium Damage
475	1	Foothills Palo Verde	10	NS	Cambium Damage
476	1	Ocotillo	15	S	
477	1	Foothills Palo Verde	7	NS	Exposed Roots
478	1	Foothills Palo Verde	9	NS	Exposed Roots

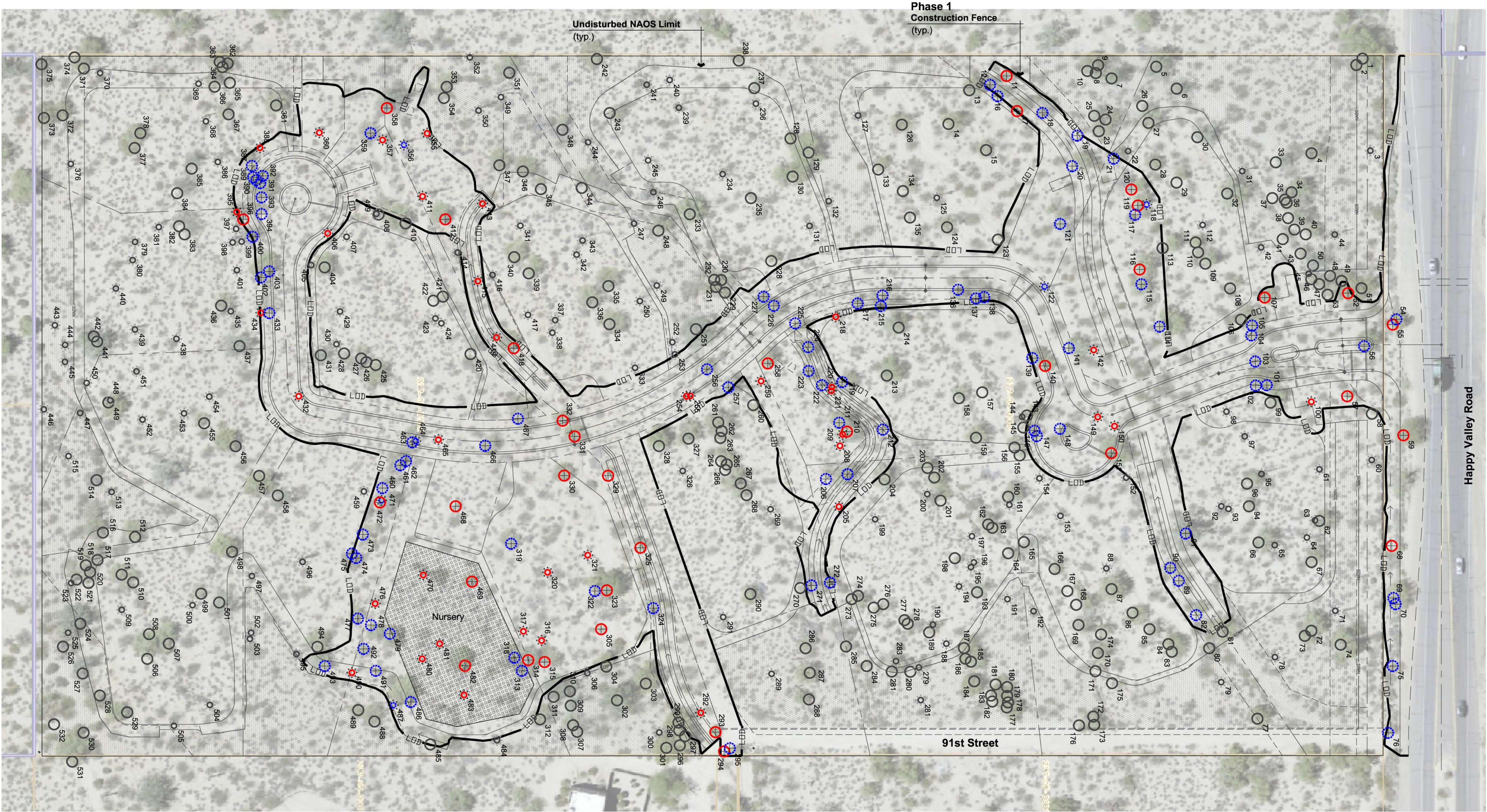
Plant #	Phase	Common Name	Caliper (in)/ Height (ft)	Status	Comments
479	1	Foothills Palo Verde	9	NS	Exposed Roots / Cambium Damage
480	1	Saguaro	3	S	
481	1	Saguaro	3	S	
482	1	Foothills Palo Verde	9	S	
483	1	Saguaro	4	S	
484	2	Saguaro	4	RIP	
485	2	Foothills Palo Verde	7	RIP	Exposed Roots
486	1	Foothills Palo Verde	14	NS	Mistletoe
487	1	Saguaro	26	NS	Damaged
488	2	Foothills Palo Verde	10	RIP	Mistletoe
489	2	Foothills Palo Verde	6	RIP	Cambium Damage
490	1	Saguaro	14	S	
491	1	Foothills Palo Verde	6	NS	Cambium Damage
492	1	Foothills Palo Verde	7	NS	Exposed Roots
493	1	Foothills Palo Verde	12	NS	Cambium Damage
494	2	Foothills Palo Verde	8	RIP	Cambium Damage
495	2	Ocotillo	13	RIP	
496	2	Saguaro	64	RIP	9 arms
497	2	Saguaro	14	RIP	
498	2	Foothills Palo Verde	12	RIP	Exposed Roots / Cambium Damage
499	2	Foothills Palo Verde	6	RIP	Cambium Damage
500	2	Barrel	4	RIP	
501	2	Ironwood	19	RIP	
502	2	Ocotillo	12	RIP	
503	2	Saguaro	20	RIP	1 arm
504	2	Saguaro	45	RIP	3 arms / Damaged
505	2	Saguaro	3	RIP	
506	2	Foothills Palo Verde	20	RIP	Cambium Damage
507	2	Foothills Palo Verde	22	RIP	Cambium Damage
508	2	Foothills Palo Verde	7	RIP	Branch Dieback
509	2	Saguaro	8	RIP	
510	2	Foothills Palo Verde	8	RIP	Cambium Damage / Leaning
511	2	Foothills Palo Verde	8	RIP	Exposed Roots / Leaning
512	2	Foothills Palo Verde	8	RIP	
513	2	Saguaro	11	RIP	
514	2	Ironwood	20	RIP	Branch Dieback
515	2	Barrel	5	RIP	2 heads / Damaged
516	2	Foothills Palo Verde	10	RIP	Trunk Form / Leaning
517	2	Saguaro	26	RIP	Damaged
518	2	Foothills Palo Verde	10	RIP	Cambium Damage / Leaning
519	2	Foothills Palo Verde	10	RIP	Cambium Damage / Leaning
520	2	Foothills Palo Verde	7	RIP	Trunk Form / Leaning
521	2	Foothills Palo Verde	9	RIP	Cambium Damage
522	2	Foothills Palo Verde	8	RIP	Leaning / Cambium Damage
523	2	Saguaro	57	RIP	6 arms
524	2	Ironwood	24	RIP	Branch Dieback / Cambium Damage
525	2	Saguaro	34	RIP	1 arm / Damaged
526	2	Foothills Palo Verde	20	RIP	Branch Dieback / Cambium Damage
527	2	Ironwood	36	RIP	Branch Dieback / Cambium Damage

Plant #	Phase	Common Name	Caliper (in)/ Height (ft)	Status	Comments
528	2	Foothills Palo Verde	8	RIP	Cambium Damage
529	2	Foothills Palo Verde	9	RIP	
530	2	Hackberry	24	RIP	Wide Base
531	2	Foothills Palo Verde	20	RIP	Branch Dieback / Cambium Damage
532	2	Foothills Palo Verde	24	RIP	Branch Dieback

Summary	Trees	Cacti
Salvageable	34	36
Non-Salvageable	85	6
Remain-In-Place	246	125
Total	365	167

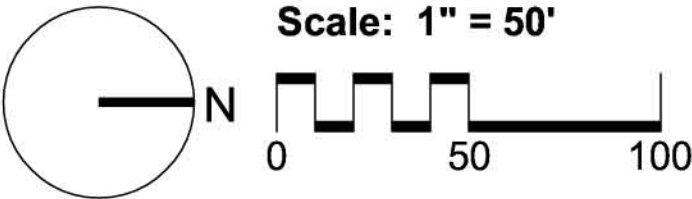
Legend

S = Salvageable
NS = Non-Salvageable
RIP = Remain-In-Place



Plant Legend

- | | | | |
|---|------------------------|---|-------------------------|
| ⊕ | Tree - Salvageable | ☀ | Cacti - Salvageable |
| ⊕ | Tree - Non-Salvageable | ☀ | Cacti - Non-Salvageable |
| ○ | Tree - Remain In Place | ☀ | Cacti - Remain In Place |



Project Consultants

Salvage Contractor **Native Resources International**
1540 West Happy Valley Road
Phoenix, Arizona 85085
623-869-6757 (p) • 623-869-6769 (f)
Contact: Kevin Brenda - kevin@nativeresources.com

Happy Valley & 91st
SWC of Happy Valley Road & 91st Street
Scottsdale, Arizona
Native Plant Inventory

Native Resources Intl.
1540 W Happy Valley Rd.
Phoenix, AZ. 85085
Phone (623) 869-6757
Fax (623) 869-6769



DATE:	11/20/2017
REVISION:	5/21/2019
SCALE:	1" = 50'
CHECKED:	
DRAWN:	KB
SHEET	1 OF 1

Preliminary Plat Notification Affidavit



I, Zach Hill, acting on behalf of Sonora West Development, hereby affirm that a copy of the preliminary plat of Solitude subdivision has been delivered to the following agencies for their review.

<u>AGENCY</u>	<u>DATE NOTIFIED</u>
<u>SALT RIVER PROJECT...(2).....</u>	<u>11/20/19</u>
<u>X ARIZONA PUBLIC SERVICE</u>	<u>11/20/19</u>
<u>X SOUTHWEST GAS CORPORATION.....</u>	<u>11/20/19</u>
<u>ARIZONA DEPARTMENT OF TRANSPORTATION.....</u>	<u> </u>
<u>MARICOPA COUNTY ENVIRONMENTAL SERVICES.....</u>	<u> </u>
<u>MARICOPA COUNTY PLANNING DEPARTMENT.....</u>	<u> </u>
<u>MARICOPA COUNTY FLOOD CONTROL DISTRICT.....</u>	<u> </u>
<u>SCOTTSDALE POSTMASTER.....</u>	<u> </u>
<u>SCOTTSDALE SCHOOL DISTRICT.....</u>	<u> </u>
<u>CAVE CREEK SCHOOL DISTRICT.....</u>	<u> </u>
<u>PARADISE VALLEY SCHOOL DISTRICT.....</u>	<u> </u>
<u>CENTRAL ARIZONA WATER CONSERVATION DISTRICT...</u>	<u> </u>
<u>X CENTURY LINK.....</u>	<u>11/20/19</u>
<u>X OTHER Cox Communication.....</u>	<u>11/20/19</u>

<u>Signature</u>	<u>8/20/20</u>
<u>1001 W Southern Ave #131 Mesa, AZ 85210</u>	<u>480-207-2666</u>
<u>Address</u>	<u>Phone</u>

Planning and Development Services

7447 E Indian School Road, Suite 105, Scottsdale, AZ 85251 • www.ScottsdaleAZ.gov

ENGINEER

KIMLEY-HORN & ASSOCIATES
1001 W. SOUTHERN AVE, SUITE 131
MESA, ARIZONA 85210
TELEPHONE: (480) 207-2669
CONTACT: ZACH HILL, P.E.

SURVEYOR

SURVEY INNOVATION GROUP, INC.
22425 N. 16TH ST., SUITE 1
PHOENIX, ARIZONA 85024
TELEPHONE: (480) 922-0780
CONTACT: JERRY L. DODD JR.

OWNER/DEVELOPER

SONORA WEST DEVELOPMENT INC.
8937 EAST BELL ROAD
SUITE 100
SCOTTSDALE, AZ 85260
TELEPHONE: (606) 980-1145
CONTACT: SCOTT PFEIFFER

UTILITIES

WATER CITY OF SCOTTSDALE
SEWER CITY OF SCOTTSDALE
ELECTRIC ARIZONA PUBLIC SERVICE CO
TELEPHONE CENTURYLINK
CABLE T.V. COX COMMUNICATIONS
GAS SOUTHWEST GAS

LEGAL DESCRIPTION

SOLITUDE (EAST PORTION):

A PORTION OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

HV91 (WEST PORTION):

THE WEST HALF OF THE NORTHEAST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

SITE DATA

GROSS AREA 40.03 AC±
NET AREA 37.63 AC±
TOTAL NUMBER OF LOTS 33
AVERAGE LOT AREA 1 AC±
MINIMUM LOT AREA 32,250 S.F.
DENSITY 0.825 DU/AC

LOT QUANTITIES

LOT NO.	AREA (SQ FT)
1	68215
2	52838
3	43861
4	60342
5	32968
6	32262
7	32256
8	32260
9	40536
10	33603
11	33476
12	43100
13	44635
14	33249
15	51580
16	61617
17	33443
18	33187
19	50218
20	41859
21	39793
22	43200
23	35665
24	36224
25	50678
26	43279
27	36904
28	52382
29	33235
30	38961
31	36023
32	45457
33	40720

BENCHMARK

NORTHEAST CORNER SECTION 7, FOUND 4"
MARICOPA ENGINEERING DEPARTMENT BRASS
CAP IN HANDHOLE, DOWN 0.7' AT THE
INTERSECTION OF HAPPY VALLEY ROAD AND
ALMA SCHOOL ROAD.

ELEVATION=2223.157 (NAVD 88)

BASIS OF BEARING

THE BASIS OF BEARING IS THE NORTH LINE OF THE
NORTHWEST QUARTER OF SECTION 7, T4N, R5E.
BEARING S89°58'16"E, RECORDED IN BOOK 1326,
PAGE 31, MARICOPA COUNTY RECORDS.

ZONING

R1-43 ESL AMENDED STANDARDS

BUILDING SETBACKS

FRONT: 30'
SIDE: 15'
REAR: 35'

NAOS DEDICATION

A MAJORITY OF THE AREAS OUTSIDE OF BUILDING ENVELOPES AND
ROADWAY TRACTS WILL BE DEDICATED ON THE FINAL PLAT AS
NATURAL AREA OPEN SPACE (NAOS).

REQUIRED NAOS: 11.02 AC (29%)
PROVIDED NAOS: 12.03 AC (32%)

PER LOT NAOS PROVIDED ON FINAL PLAT AND FINAL NAOS EXHIBIT.
PER LOT NAOS FOR REFERENCE ONLY. NAOS REQUIRED IS FOR
ENTIRE PROJECT NOT PER LOT BASIS.

NAOS LOCATED IN TRACTS TO BE MAINTAINED BY THE SOLITUDE
HOMEOWNERS ASSOCIATION. NAOS LOCATED ON-LOT TO BE
MAINTAINED BY INDIVIDUAL PROPERTY OWNER.

PRELIMINARY EARTHWORK (FOR NEW SOLITUDE GRADING)
PHASE 1: RAW CUT: 7,471.71 CY
PHASE 2: RAW CUT: 2,357.20 CY
RAW FILL: 9,596.87 CY RAW FILL: 29,165.96 CY

GRADING NOTES

1. **C2** & **F2** INDICATE ANTICIPATED CUT AND
FILL HEIGHTS AT THE LOCATION FROM
PROPOSED PAD ELEVATION TO EXISTING
GROUND.

FIRE DEPARTMENT NOTES

(GATE PERMITTED AND INSTALLED WITH HV91)

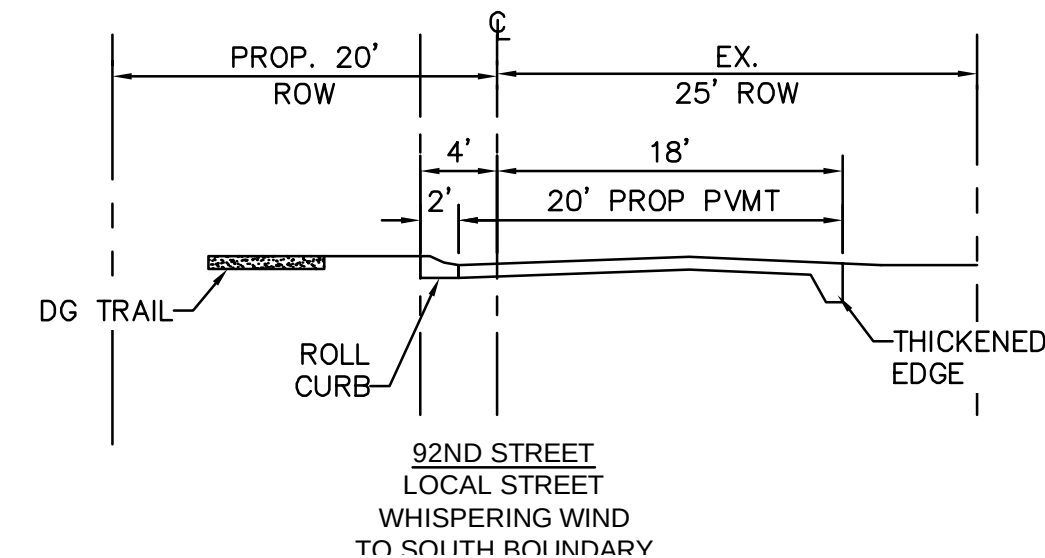
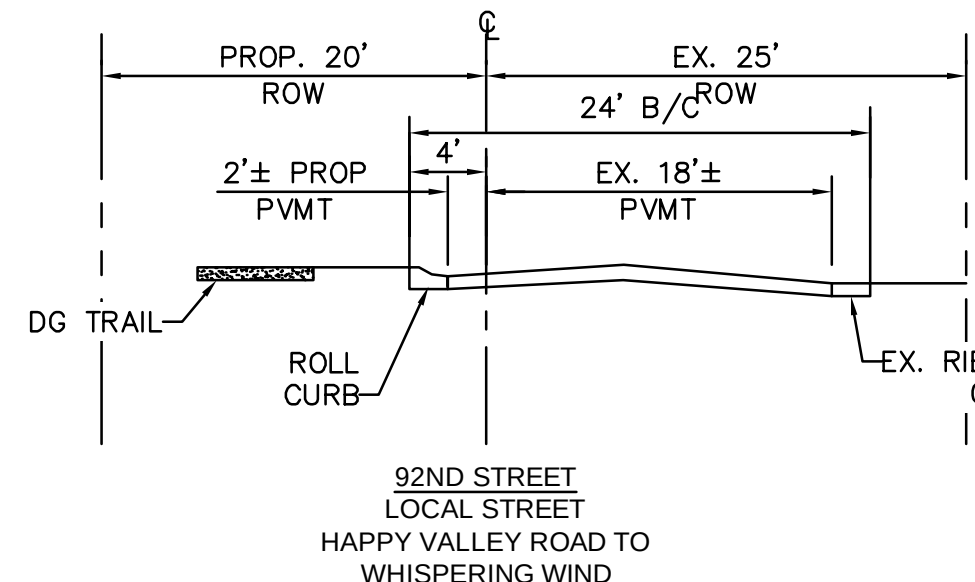
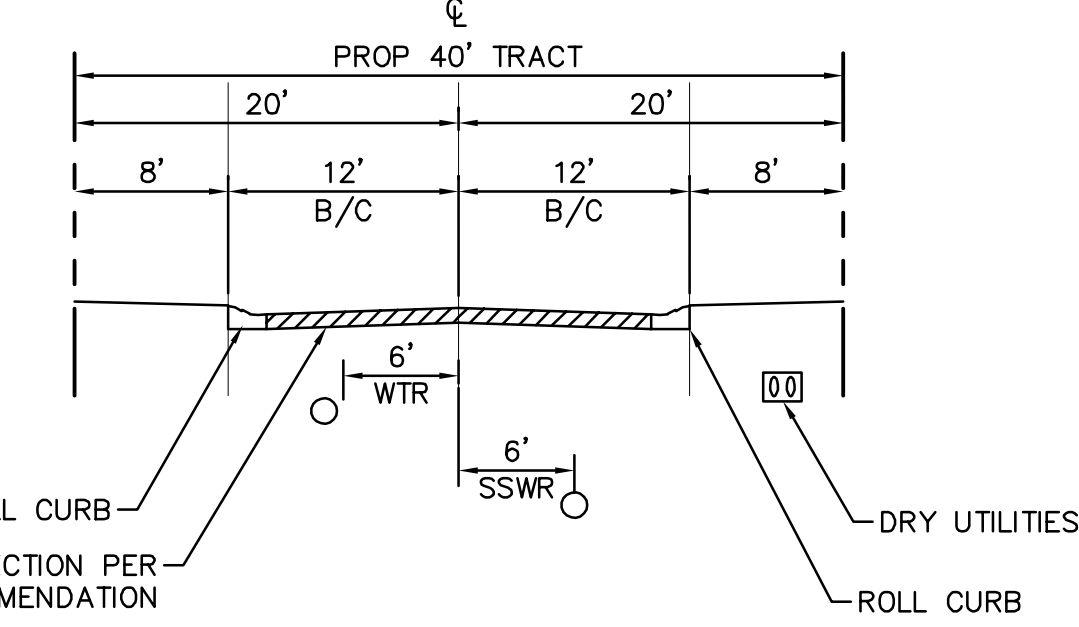
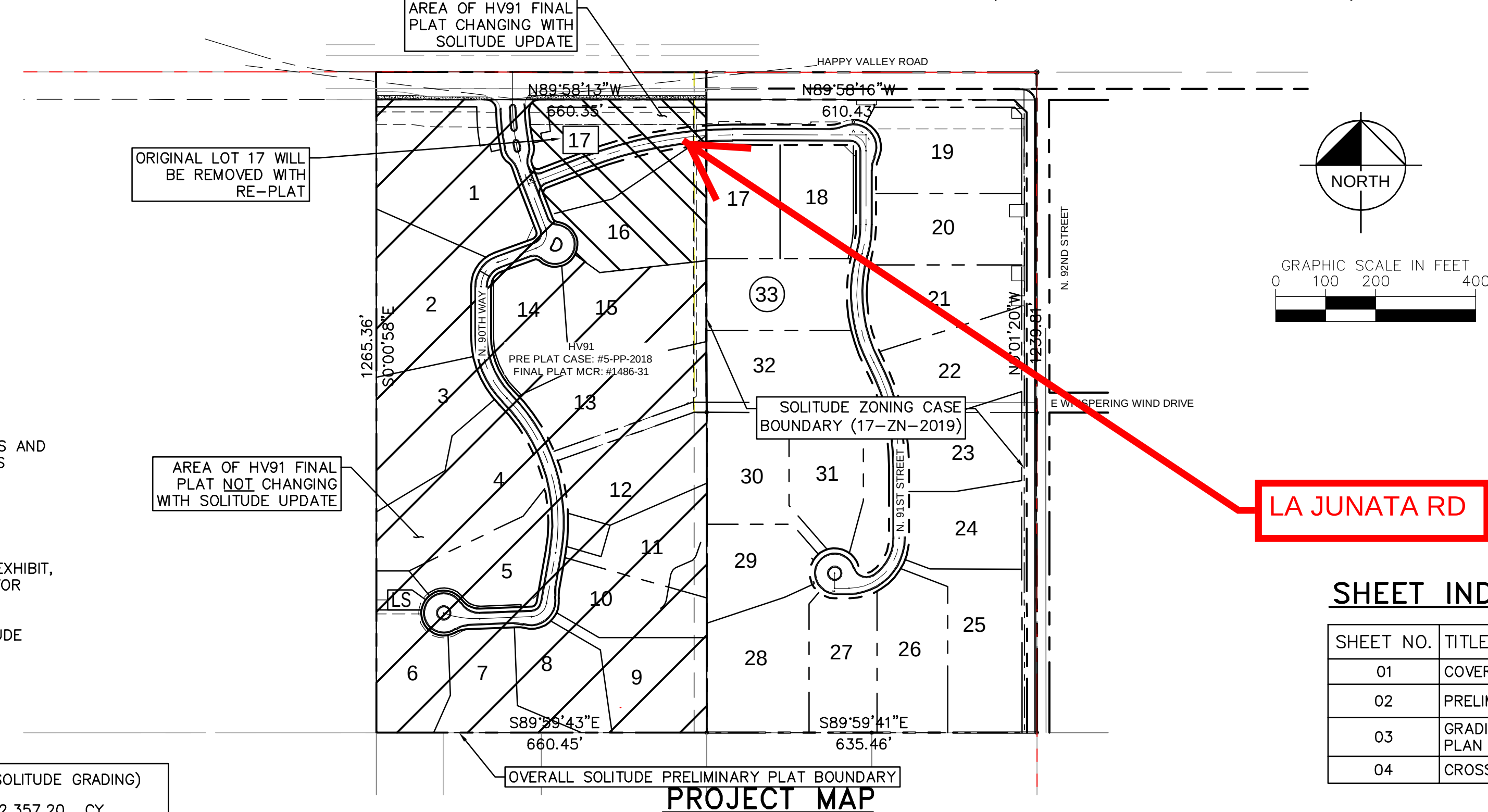
- UNOBSTRUCTED VERTICAL CLEARANCE MIN. 13'6"
- PROVIDE KNOX ENTRY ACCESS SYSTEM
 - KNOX KEY BOX
 - KNOX KEY CYLINDER
 - KNOX OVERRIDE & PRE-EMPTION STROBE SWITCH FOR AUTOMATIC GATES
- HYDRANT SPACING PER DS&PM 6-1.502.
- FIRE LANE SURFACE WILL SUPPORT 83,000 LBS. (GVW)

TRACT TABLE

TRACT TABLE			
NAME	OWNERSHIP/MAINT.	TRACT USES	AREA (ACRES)
TRACT A	PRIVATE HOA	PRIVATE STREET/ACCESS	1.53
TRACT A (ADDITIONAL)	PRIVATE HOA	PRIVATE STREET/ACCESS EMERGENCY & SERVICE ACCESS WATER AND SEWER PUE	1.71
TRACT B	PRIVATE HOA	OPEN SPACE / SIDEWALK / TRAIL	0.15
TRACT C	PRIVATE HOA	OPEN SPACE / SIDEWALK / TRAIL	0.70
TRACT D	PRIVATE HOA	OPEN SPACE / UTILITIES / DRAINAGE	0.15
TRACT E	PRIVATE HOA	OPEN SPACE / DRAINAGE / NAOS	0.12
TRACT F	PRIVATE HOA	OPEN SPACE / DRAINAGE / NAOS	0.10
TRACT G	CITY OF SCOTTSDALE	PUBLIC LIFT STATION	0.06
TRACT H	PRIVATE HOA	OPEN SPACE	0.03
TRACT I	PRIVATE HOA	OPEN SPACE	0.02
TRACT J	PRIVATE HOA	OPEN SPACE / DRAINAGE / NAOS	0.76
TRACT K	PRIVATE HOA	OPEN SPACE / DRAINAGE / NAOS	0.55
TRACT L	PRIVATE HOA	OPEN SPACE	0.03

PRELIMINARY PLAT
AND
PRELIMINARY GRADING AND DRAINAGE
FOR
SOLITUDE

A PORTION OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

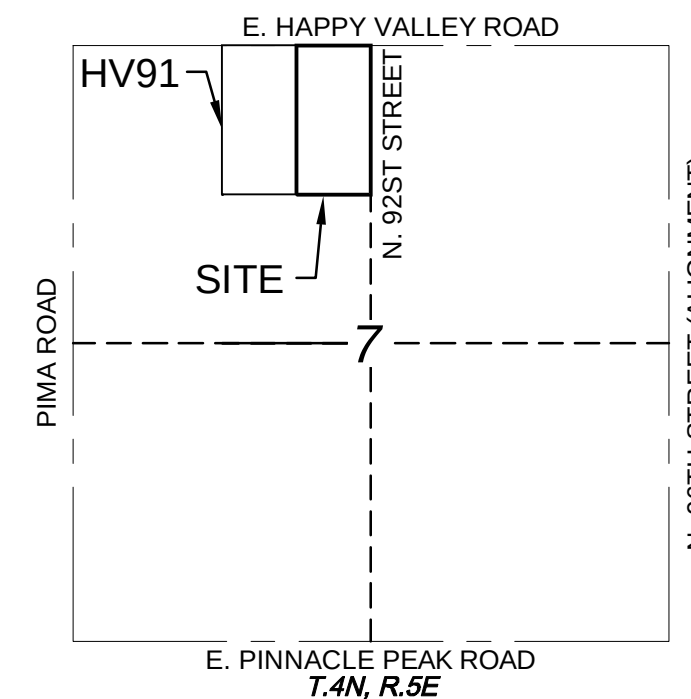


FLOOD INFORMATION

COMMUNITY NUMBER	PANEL NUMBER	SUFFIX	DATE OF FIRM	FIRM ZONE	BASE FLOOD ELEVATION
04013	1310	L	10/16/2013	X	N/A

ENGINEERS' CERTIFICATION:

THE LOWEST FLOOR ELEVATIONS AND/OR FLOOD PROOFING
ELEVATIONS ON THIS PLAN ARE SUFFICIENTLY HIGH TO PROVIDE
PROTECTION FROM FLOODING CAUSED BY A 100-YEAR STORM, AND
ARE IN ACCORDANCE WITH SCOTTSDALE REVISED CODE, CHAPTER 37
- FLOODPLAIN AND STORMWATER REGULATIONS.



LEGEND

- PROPERTY LINE
- PROPOSED EASEMENT
- EXISTING EASEMENT
- PROPOSED WATER LINE
- PROPOSED SEWER LINE
- PROPOSED FORCEMAIN
- PROPOSED STORM DRAIN
- PROPOSED LOT LINE
- PROPOSED RIGHT-OF-WAY
- PROPOSED EDGE OF PAVEMENT
- EXISTING EDGE OF PAVEMENT
- PROPOSED CENTERLINE
- BUILDING SETBACK
- DRAINAGE SWALE
- RETAINING WALL
- 100-YEAR INUNDATION LIMITS
- PROPOSED SURVEY MONUMENT
- PROPOSED FIRE HYDRANT
- PUBLIC NON-MOTORIZED ACCESS EASEMENT
- RIGHT-OF-WAY
- BACK OF CURB
- TYPICAL
- HIGHWAY EASEMENT
- ACCESS EASEMENT
- DRAINAGE EASEMENT
- EXISTING CENTERLINE
- PROPERTY LINE
- HOMEOWNERS ASSOCIATION
- WATER AND SEWER FACILITIES EASEMENT
- REAR YARD SETBACK
- SIDE YARD SETBACK
- FRONT YARD SETBACK
- CUBIC FEET PER SECOND
- TO BE ABANDONED
- SIGHT VISIBILITY TRIANGLE
- DESERT SCENIC ROADWAY EASEMENT
- TO BE ABANDONED
- VEHICULAR NON-ACCESS EASEMENT
- PEDESTRIAN AND VEHICULAR ACCESS EASEMENT
- PAVEMENT SPOT ELEVATION AT FINISHED GRADE
- FLOW LINE
- EXISTING GRADE
- SLOPE AT FINISHED GRADE
- PROPOSED LOT NUMBERS
- LAST LOT IDENTIFIER
- CROSS SECTION ID
- PEAK FLOWS:
27 - POST DEVELOPMENT
(30) - PRE DEVELOPMENT
- FILL AREA GREATER THAN 6' (AND LESS THAN 8')
- CUT AREA GREATER THAN 6' (AND LESS THAN 8')
- APPROX. LIMITS OF 100 YEAR INUNDATION
- PAD CONSTRUCTION ENVELOPE

Kimley»Horn

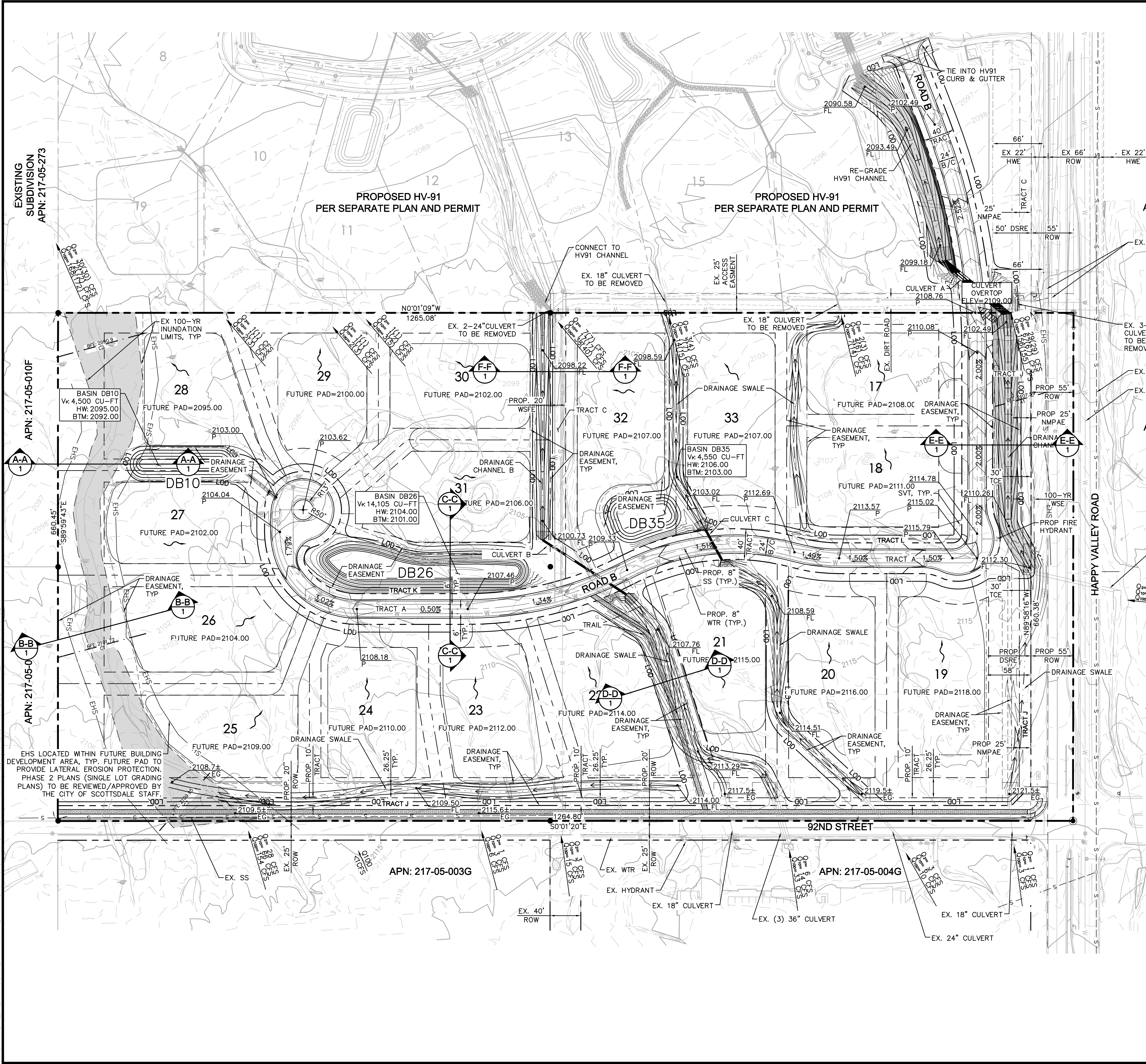
SCALE (H): 1"=60'
SCALE (V): NONE
DESIGNED BY: ZJH
DRAWN BY: TAF
CHECKED BY: JMB
DATE: AUG 2020

SOLITUDE
PRELIMINARY PLAT
COVER SHEET
SCOTTSDALE, ARIZONA

Professional Engineer
63454
ZACHARY J. HILL
Expires: 08/31/25
ARIZONA, U.S.A.

PROJECT NO.
291203001
DRAWING NAME
03001CV

01 of 04



$Q_2 = 2(3) \text{ CFS}$
 $Q_{10} = 4(6) \text{ CFS}$
 $Q_{100} = 7(14) \text{ CFS}$

PEAK FLOW
2 CFS = PROP CONDITION
(3) CFS = EX CONDITION

EXISTING
SUBDIVISION
APN: 217-04-359

EHS LOCATED WITHIN FUTURE BUILDING DEVELOPMENT AREA, TYP. FUTURE PAD TO PROVIDE LATERAL EROSION PROTECTION. PHASE 2 PLANS (SINGLE LOT GRADING PLANS) TO BE REVIEWED/APPROVED BY THE CITY OF SCOTTSDALE STAFF.

APN: 217-05-004G

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1001 WEST SOUTHERN AVE, SUITE 131
MESA, ARIZONA 85210 (480) 207-2666

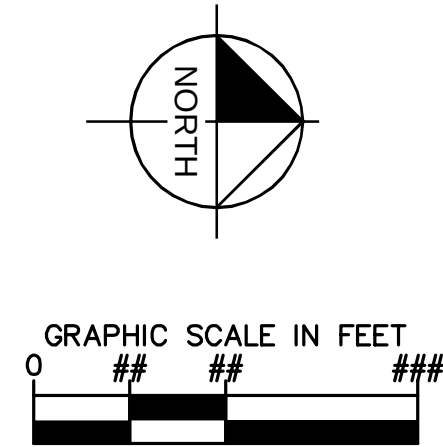
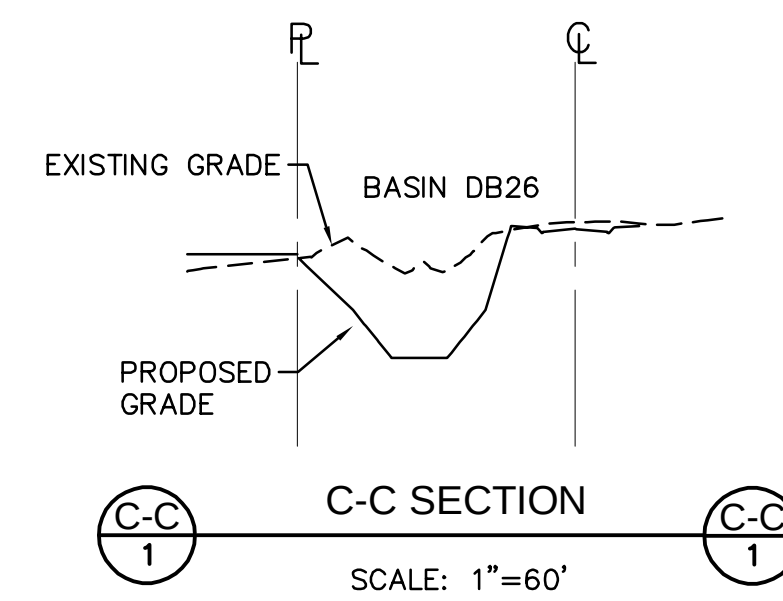
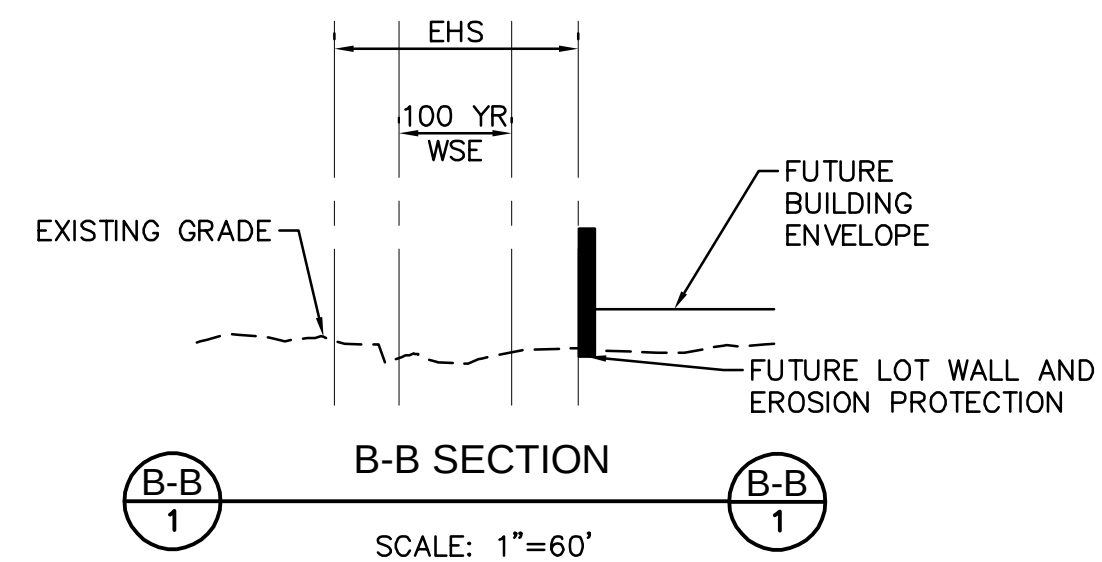
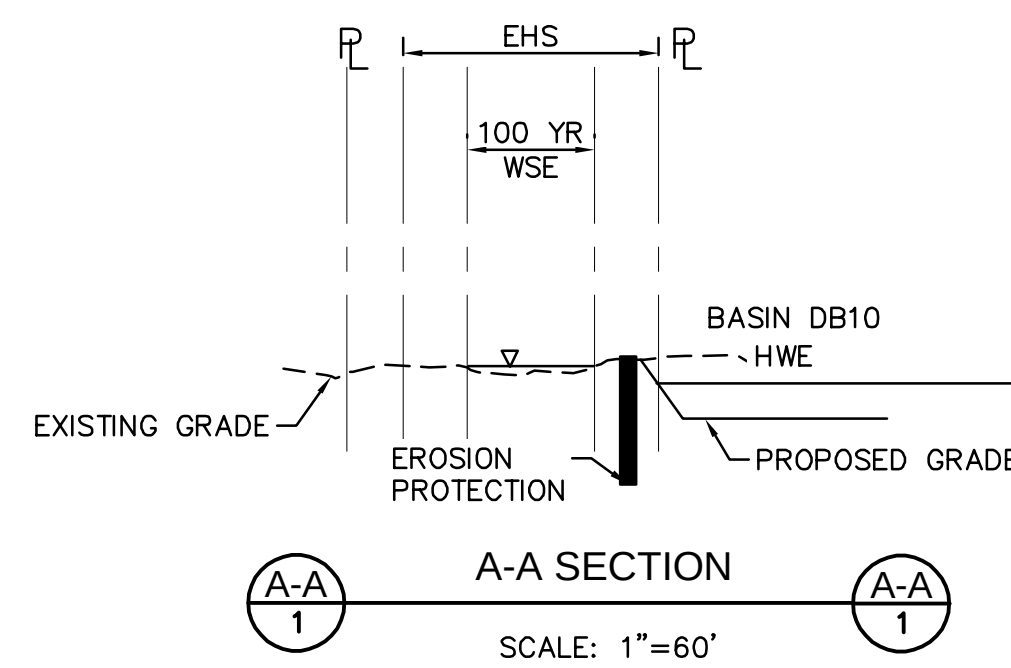
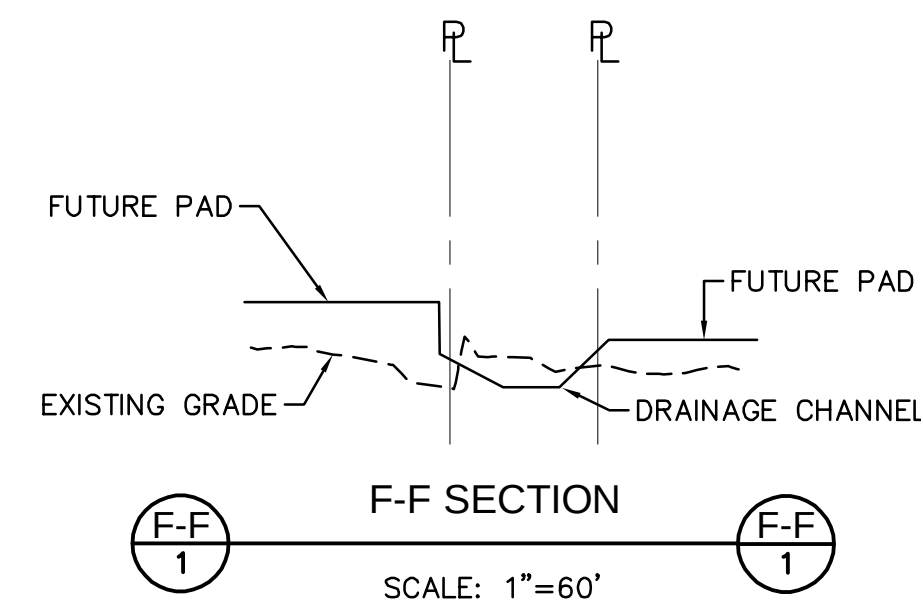
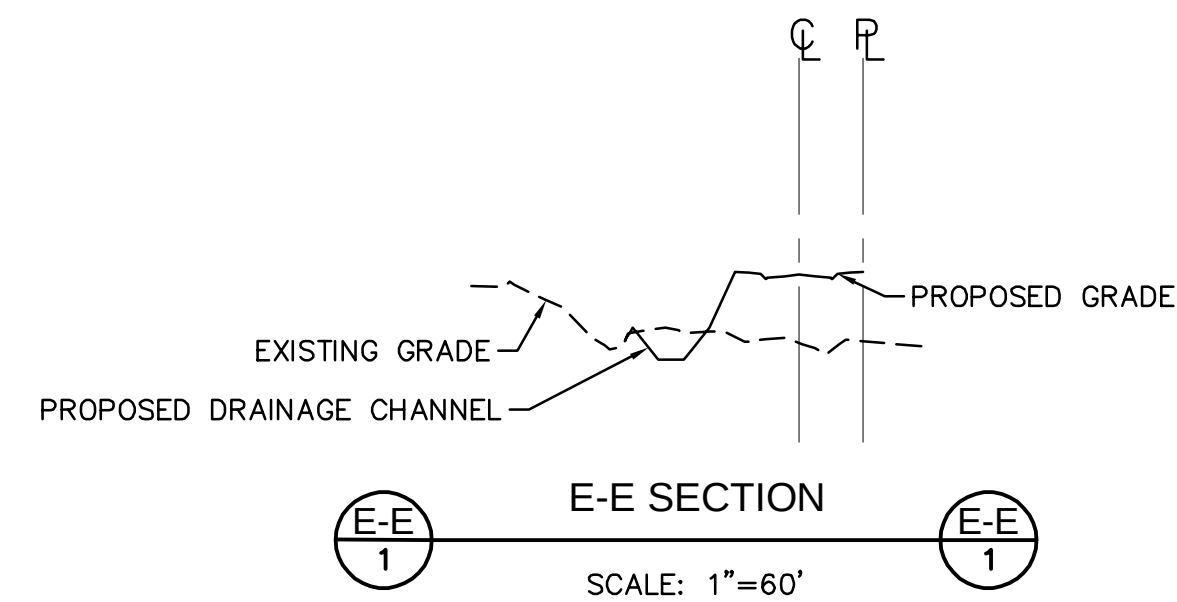
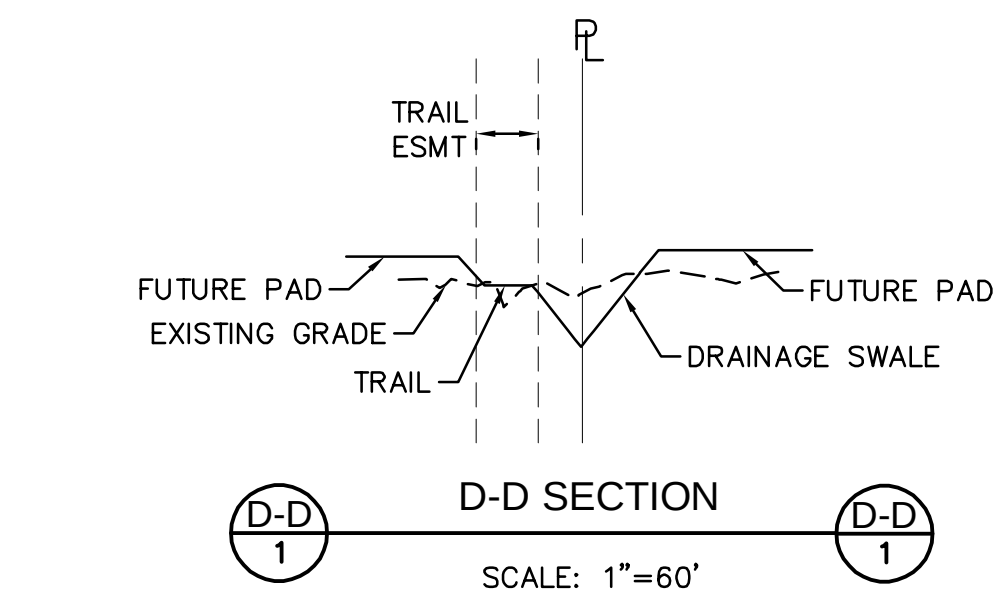
SCALE (H): 1"=60'
SCALE (V): NONE
DESIGNED BY: ZJH
DRAWN BY: TAF
CHECKED BY: JMB
DATE: APR 2020

SOLITUDE
PRELIMINARY PLATAGE
GRADING AND DRAINAGE
PLAN
SCOTTSDALE, ARIZONA

PROJECT NO.	291203001
DRAWING NAME	03001GD-PLAN

03 OF 04

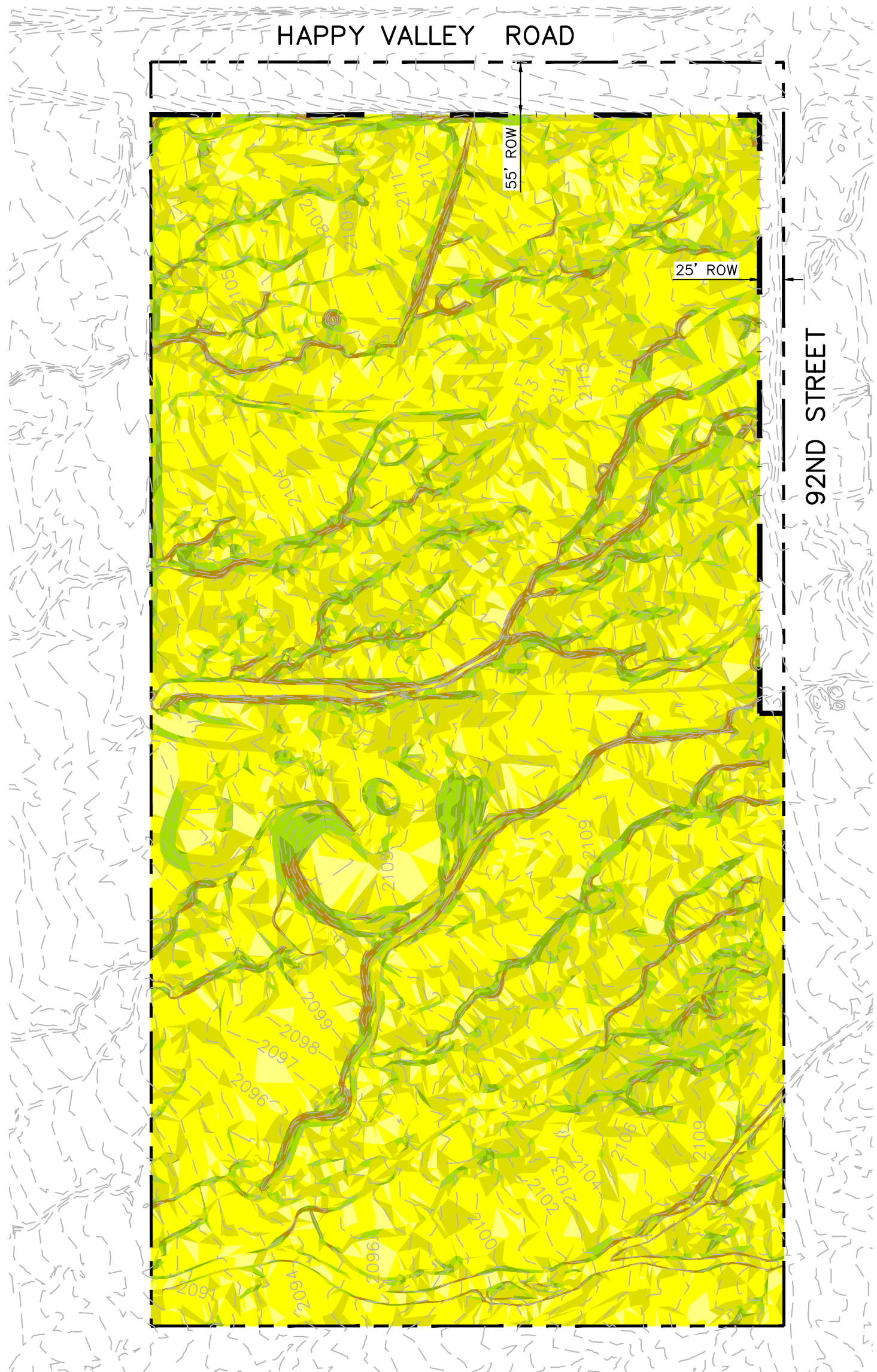
5-PP-2020
9/28/2020

[illegible]

LEGEND

-  SITE BOUNDARY
 NET SITE BOUNDARY
 TOPOGRAPHIC CONTOURS

GROSS SITE AREA: 20.01± ACRES
NET SITE AREA: 18.82± ACRES



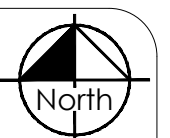
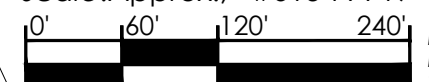
SLOPE ANALYSIS TABLE

SLOPE			LOWER DESERT	
CATEGORY	AREA (S.F.)	AREA (AC.)	FACTOR	REQ. NAOS
0-2%	64,106.18	1.47	20.00%	0.29 ACRES
2-5%	371,661.06	8.53	25.00%	2.13 ACRES
5-10%	243,026.94	5.58	30.00%	1.67 ACRES
10-15%	63,858.18	1.47	30.00%	0.44 ACRES
15-25%	43,507.73	1.00	30.00%	0.30 ACRES
25-+%	33,605.01	0.77	30.00%	0.23 ACRES
TOTAL	819,765.10	18.82		5.07 ACRES (26.9%)

Solitude by SWD
Topography & Slope Analysis Plan Scottsdale, AZ

Kimley»»Horn

Scale: Approx., #615-PA-19

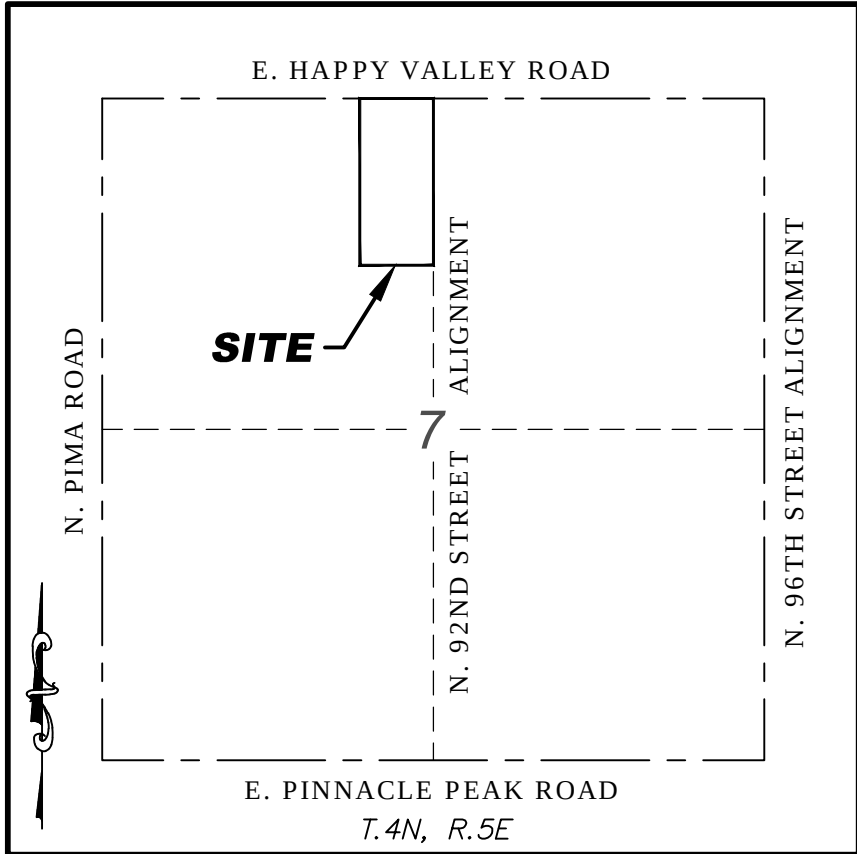


Date:09/26/19
Drawn By: DR
Sheet 1 of 1

5-PP-2020
9/28/2020

TOPOGRAPHIC SURVEY
HV92

A PORTION OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5
EAST OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA.



VICINITY MAP
N.T.S.

NOTES

ANY UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND REQUESTED UTILITY DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. NOT ALL UTILITY COMPANIES CONTACTED HAVE PROVIDED FACILITY MAPS FOR THEIR UNDERGROUND UTILITIES AND NOT ALL COMPANIES MARKED THEIR FACILITIES BEFORE THE FIELD SURVEY WAS COMPLETED.

THE BOUNDARY AND EASEMENT INFORMATION SHOWN HEREIN IS FOR REFERENCE ONLY. THIS INFORMATION WAS CALCULATED USING THE RECORDED PLAT OR DEED AS DESCRIBED IN THE LEGAL DESCRIPTION AND DOES NOT REPRESENT A FIELD BOUNDARY SURVEY.

THE SURVEYOR HAS RELIED SOLELY ON INFORMATION SUPPLIED TO THE SURVEYOR FROM EITHER THE CLIENT OR THE TITLE COMPANY AND HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, OR ANY OTHER MATTERS THAT MAY AFFECT THE SUBJECT PROPERTY.

ON-SITE PLANT INFORMATION SHOWN HEREON IS FOR REFERENCE ONLY. SURVEYOR ASSUMES NO LIABILITY FOR THE EVALUATION, SALVAGE ABILITY, REMOVAL AND/OR RELOCATION OF ON-SITE PLANT MATERIALS. CONTACT A LANDSCAPE PROFESSIONAL FOR MORE INFORMATION.

BENCHMARK

NORTHEAST CORNER SECTION 7, FOUND 4" MARICOPA ENGINEERING DEPARTMENT BRASS CAP IN HANDHOLE, DOWN 0.7' AT THE INTERSECTION OF HAPPY VALLEY ROAD AND ALMA SCHOOL ROAD.

ELEVATION = 2223.157 (NAVD88)

PARCEL AREA TABLE		
PARCEL	±AREA (SF)	±AREA (AC)
ORDER NO. 22004314-022-LB1-LS	217,944	5.003
ORDER NO. 22004329-022-LB1-LS	435,842	10.006
ORDER NO. 22004394-022-LB1-LS	217,921	5.003

ADDRESS

ORDER NO. 22004314-022-LB1-LS
24801 N. 91ST STREET
SCOTTSDALE, AZ 85255

ORDER NO. 22004329-022-LB1-LS
24220 N. 92ND STREET
SCOTTSDALE, AZ 85255

ORDER NO. 22004394-022-LB1-LS
24790 N. 92ND STREET
SCOTTSDALE, AZ 85255

BASIS OF BEARING

BASIS OF BEARING, IS THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN AS SHOWN ON THE RECORD OF SURVEY, RECORDED IN BOOK 1326, PAGE 31, MARICOPA COUNTY RECORDS, SAID LINE BEARS S89°58'16"E.

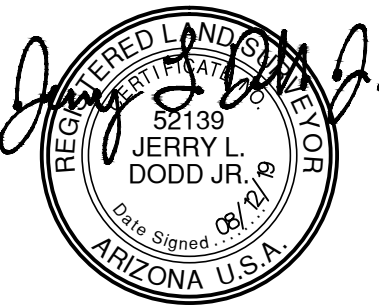
FLOOD ZONE

ACCORDING TO THE FLOOD INSURANCE RATE MAP #04013C1310 L, DATED OCTOBER 16, 2013, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X". AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.

CERTIFICATION

THIS IS TO CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY MADE UNDER MY SUPERVISION DURING THE MONTH OF JULY, 2019, AND THAT THE SURVEY IS CORRECT AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

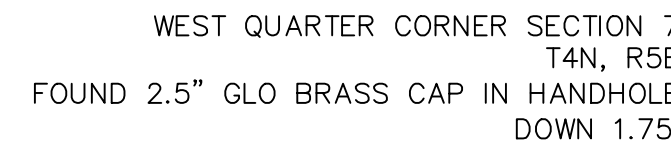
JERRY L. DODD JR.



TOPOGRAPHIC SURVEY
HV92
SCOTTSDALE, ARIZONA

SIG
SURVEY INNOVATION
GROUP, INC
Land Surveying Services
22425 N. 16th ST., SUITE 1
PHOENIX, ARIZONA 85024
PHONE (480) 922-0780
FAX (480) 922-0781
WWW.SIGSURVEYAZ.COM

DRAWING NAME:
2018-285 ALTA
JOB NO. 2018-285
DRAWN: JLD
CHECKED: ELS
DATE: 08/12/19
SCALE: N.T.S.
SHEET: 1 OF 2



N0°01'03"E . 2436.86' _____
1320.81

NORTHWEST CORNER SECTION 7
T4N, R5E
FOUND 3" CITY OF SCOTTSDALE
BRASS CAP IN HANDHOLE
DOWN 0.8'

EAST QUARTER CORNER SECTION 12
T4N, R4E
FOUND 4" MARICOPA COUNTY
HIGHWAY DEPARTMENT
BRASS CAP IN HANDHOLE
DOWN 0.5'

PRADO ESTATES
BK. 580, PG. 1, MCR
NOT A PART

25' DEDICATION OF
PRIVATE EASEMENT
DOC. 1991-019139, MCR

APN 217-05-008C
OWNER: SWD HAPPY VALLEY LLC
DOC. 2018-0854779, MCR
NOT A PART

25 DEDICATION OF
PRIVATE EASEMENT
DOC. 1991-019136, MCR

APN 217-05-010F
OWNER: CINCAR LLC
DOC. 2007-1206779, MCR
NOT A PART

FOUND 1 1/2" REBAR
WITH CAP RLS #26404

ORDER NO. 22004314-022-LB1-LS

N0°01'09"W 660.04'

ROAD

N0°01'09"W 660.04'

22 EASEMENT FOR
HIGHWAY PURPOSES
DKT. 5200, PG 337, MCR

20 DEED FOR R/W DEDICATION
DOC. 1991-075503, MCR

20 DEDICATION OF ROADWAY
DOC. 1991-019136, MCR

10 EASEMENT FOR DFC
DOC. 1985-0549705, MCR

ORDER NO. 22004329-022-LB1-LS

33 DESIGNATED COUNTY ROAD
BK. 15, PG. 85, MCR

NORTH QUARTER CORNER SECTION
T4N, R5
FOUND 3" CITY OF SCOTTSDALE
BRASS CAP FLUSH

SOUTH QUARTER CORNER SECTION 7
T4N, R5E
-FOUND 3" CITY OF SCOTTSDALE
BRASS CAP IN HANDHOLE
DOWN 0.5'

APN 217-05-010E
OWNER: CINCAR LLC
DOC. 2005-1206778, MCR
NOT A PART

FOUND 1/2" NO ID.
ACCEPTED AND TAGGED RLS #52139.

ORDER NO. 22004394-022-LB1-LS

N0°01'15"W 659.97'

NO°01'09"W 660.04'

S0°01'20"E 659.90'

92ND STREET
(PUBLIC ROADWAY)

APN 217-05-004G
OWNER: LIVING WATER
LUTHERAN CHURCH
DOC. 2000-0769406, MCR
NOT A PART

25 DFC & ROAD GRADING EASEMENT
DOC 2002-1133229 MCR

NORTHEAST CORNER SECTION 7
T4N, R5E
FOUND 3" CITY OF SCOTTSDALE
BRASS CAP IN HANDHOLE
DOWN 0.5

CENTER QUARTER CORNER SECTION 7
T4N, R5E
CALCULATED POSITION PER BOOK 1326, PAGE 31, M.C.R.

M.C.R.	MARICOPA COUNTY RECORDS
BK./PG.	BOOK & PAGE
DOC.	DOCUMENT NUMBER
DKT.	DOCKET NUMBER
APN	ASSESSOR PARCEL NUMBER
R/W	RIGHT OF WAY

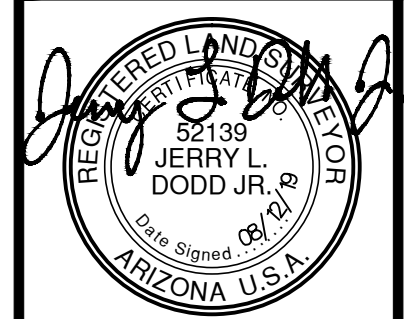
- FOUND 1/2" REBAR AS NOTED
- FOUND BRASS CAP FLUSH
- FOUND BRASS CAP IN HANDHOLE
- FOUND 'PK' NAIL WITH TAG RLS #27239
- TV CABLE TV JUNCTION BOX
- CATCH BASIN
- ⊗ WATER CHECK VALVE
- ⊗ FIRE HYDRANT
- SS SEWER MANHOLE
- ⊗ WATER METER
- ⊗ WATER VALVE
- GLM GAS MARKER
- SIGN
- TELEPHONE RISER
- ⊗ UNKNOWN MANHOLE
- ⊗ SAGUARO CACTUS

- BOUNDARY LINE
SECTION LINE
CENTER LINE
EASEMENT LINE
ADJACENT BOUNDARY LINE
CHAIN LINK FENCE
IRRIGATION LINE
WATER LINE
SEWER LINE
GAS BLUE STAKE LINE
UNDERGROUND ELECTRIC LINE
OVERHEAD ELECTRIC LINE
STORM DRAIN LINE

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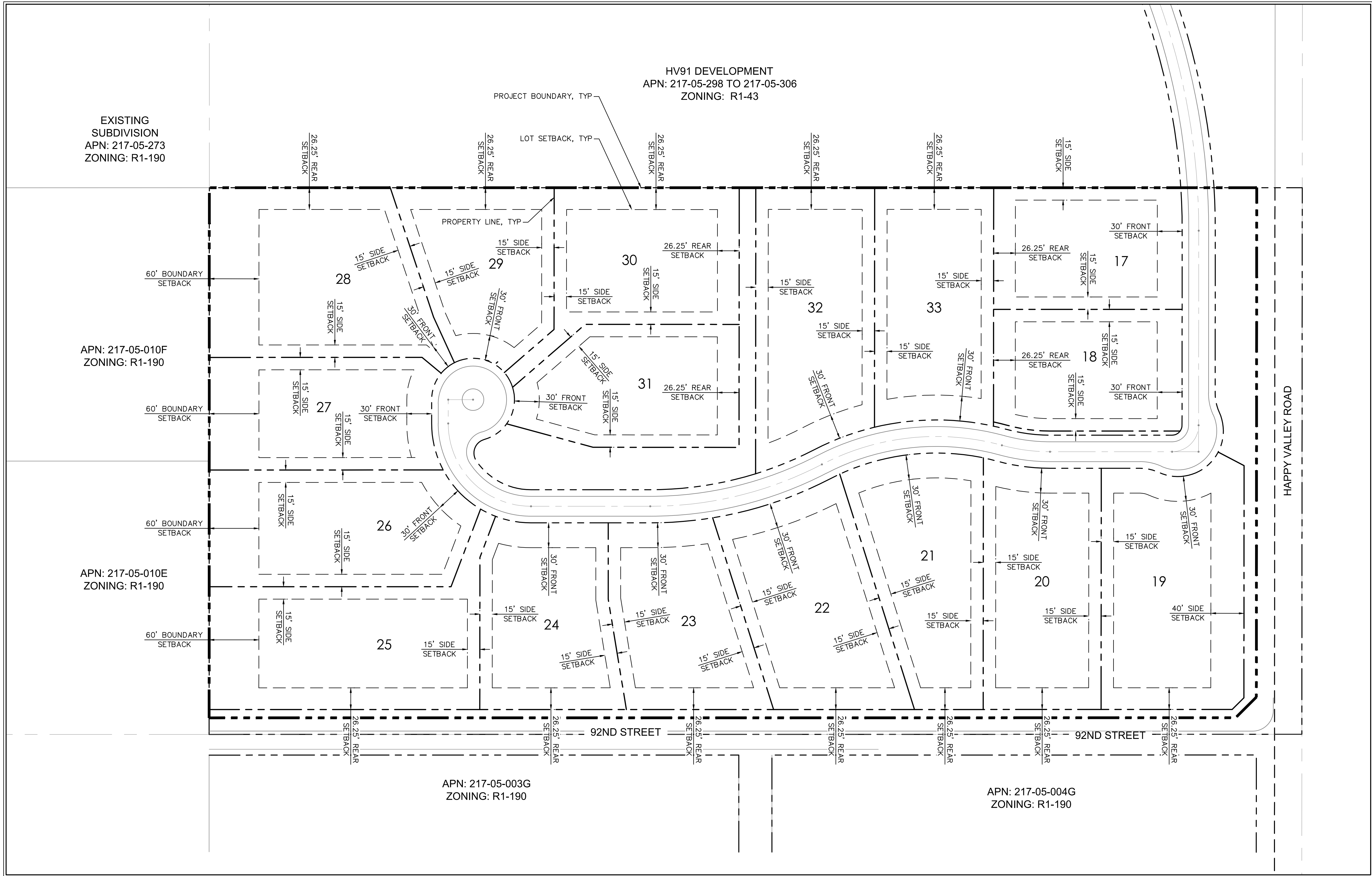
ALTA / NSPS LAND TITLE SURVEY
HV92
SCOTTSDALE, ARIZONA



REVISIONS:

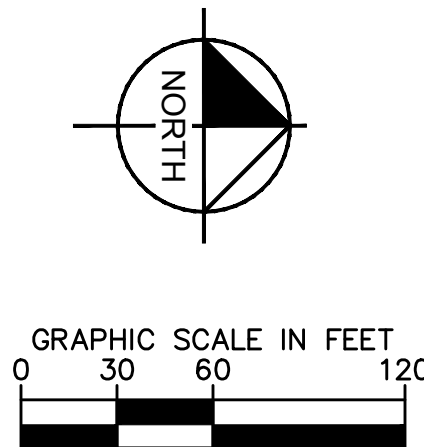
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JOB NO.	2018-285
DRAWN:	JLD
CHECKED:	ELS
DATE:	08/08/2019
SCALE:	1"=80'
SHEET:	2 OF 2

K:\EAV_Civil\091203001 - HV92\CADD\Exhibits\HV92 Setback Plan.dwg Jul 28, 2020 Don Recker
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SETBACK TABLE:

ZONING: R1-43 ESL AMENDED STANDARDS
FRONT: 30'
SIDE: 11.25'
REAR: 26.25'



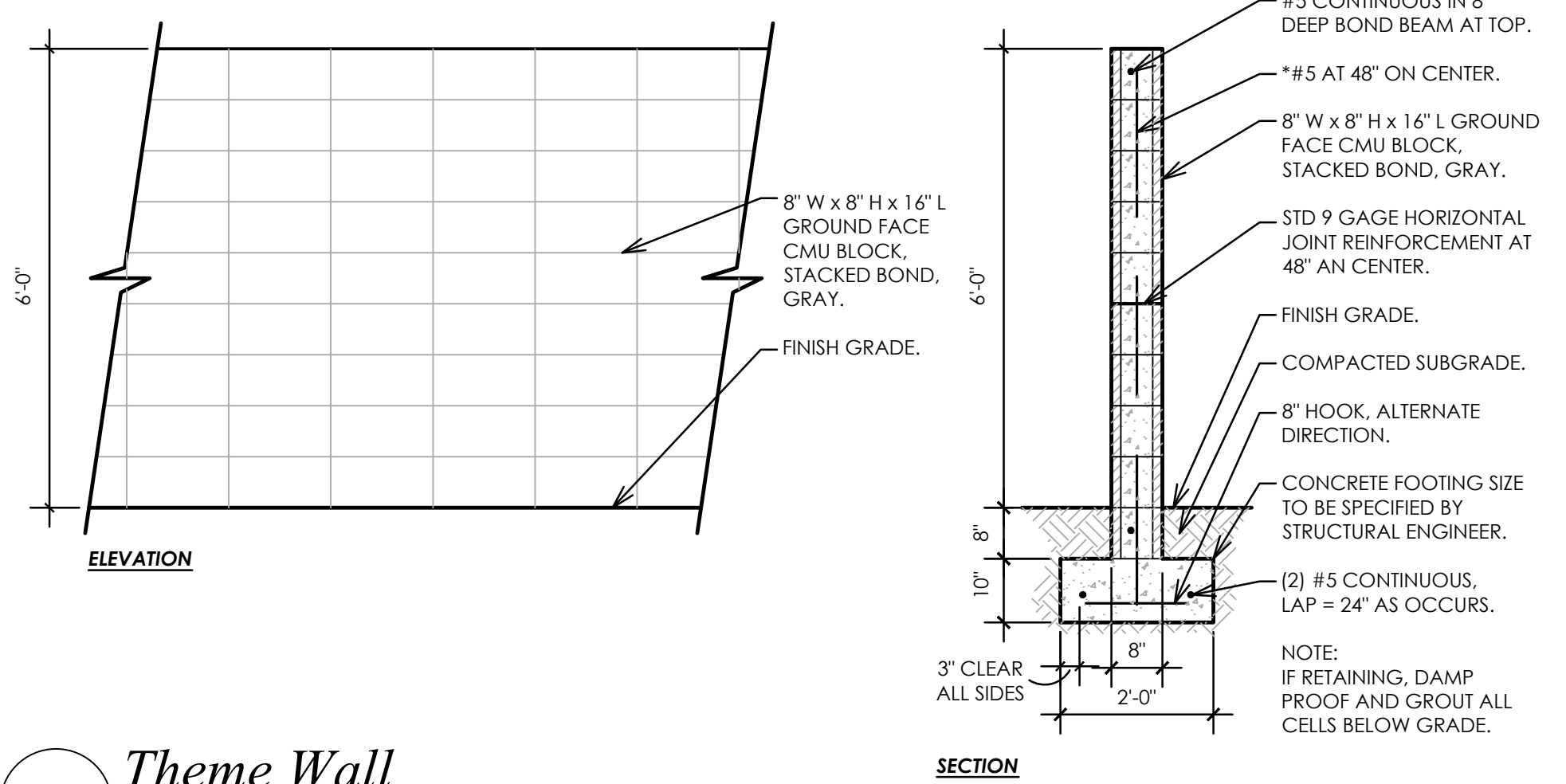
Kimley»Horn

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1001 West Southern Avenue, Suite 131
Mesa, Arizona 85210 (480) 207-2666

SCALE (H): 1"=60'
SCALE (V): NONE
DESIGNED BY: ZJH
DRAWN BY: ZJH
CHECKED BY: JMB
DATE: JULY 2020

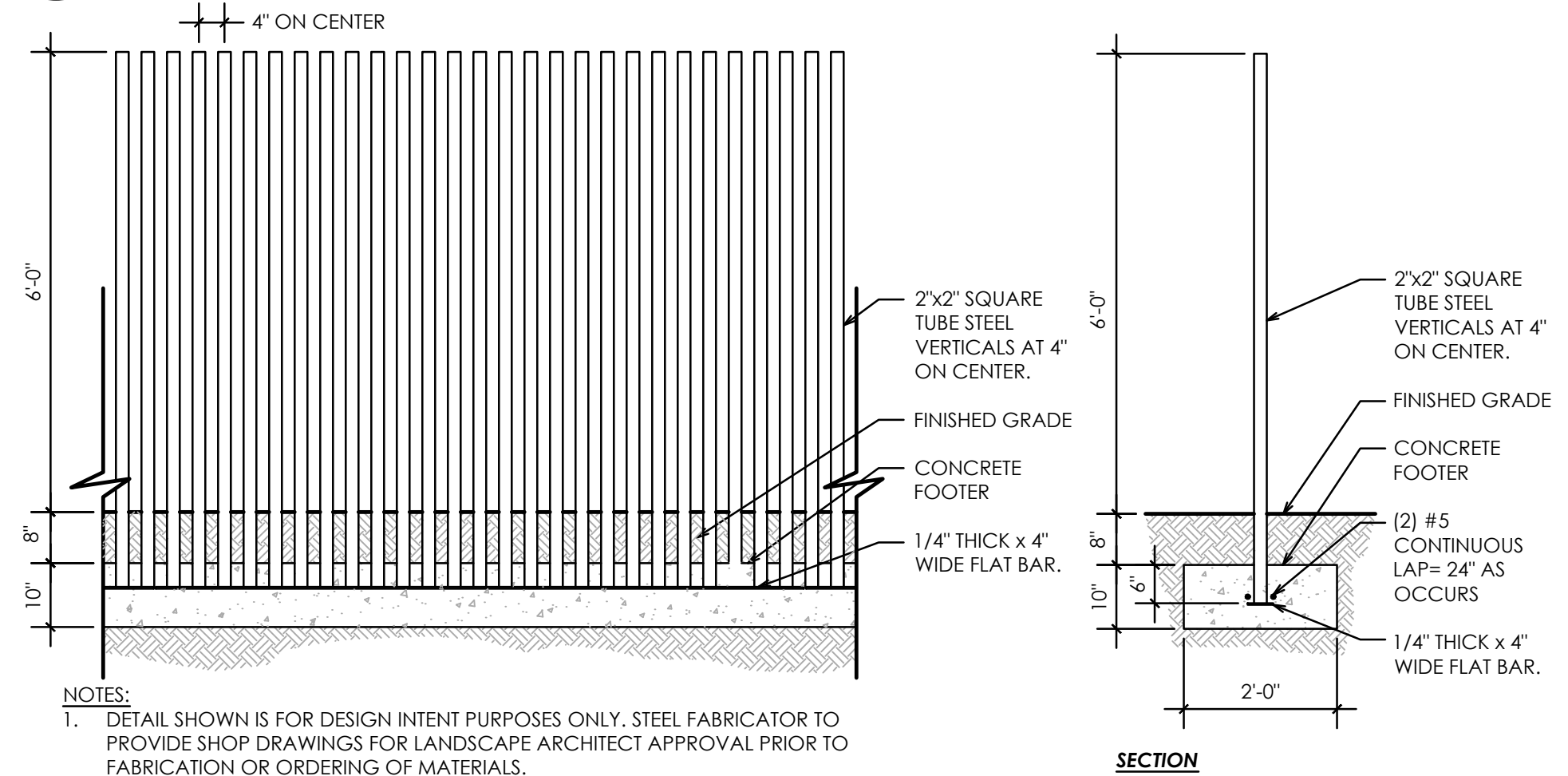
HV92
SETBACK PLAN
SCOTTSDALE, ARIZONA

PROJECT NO.
191069031
DRAWING NAME
SETBACK PLAN



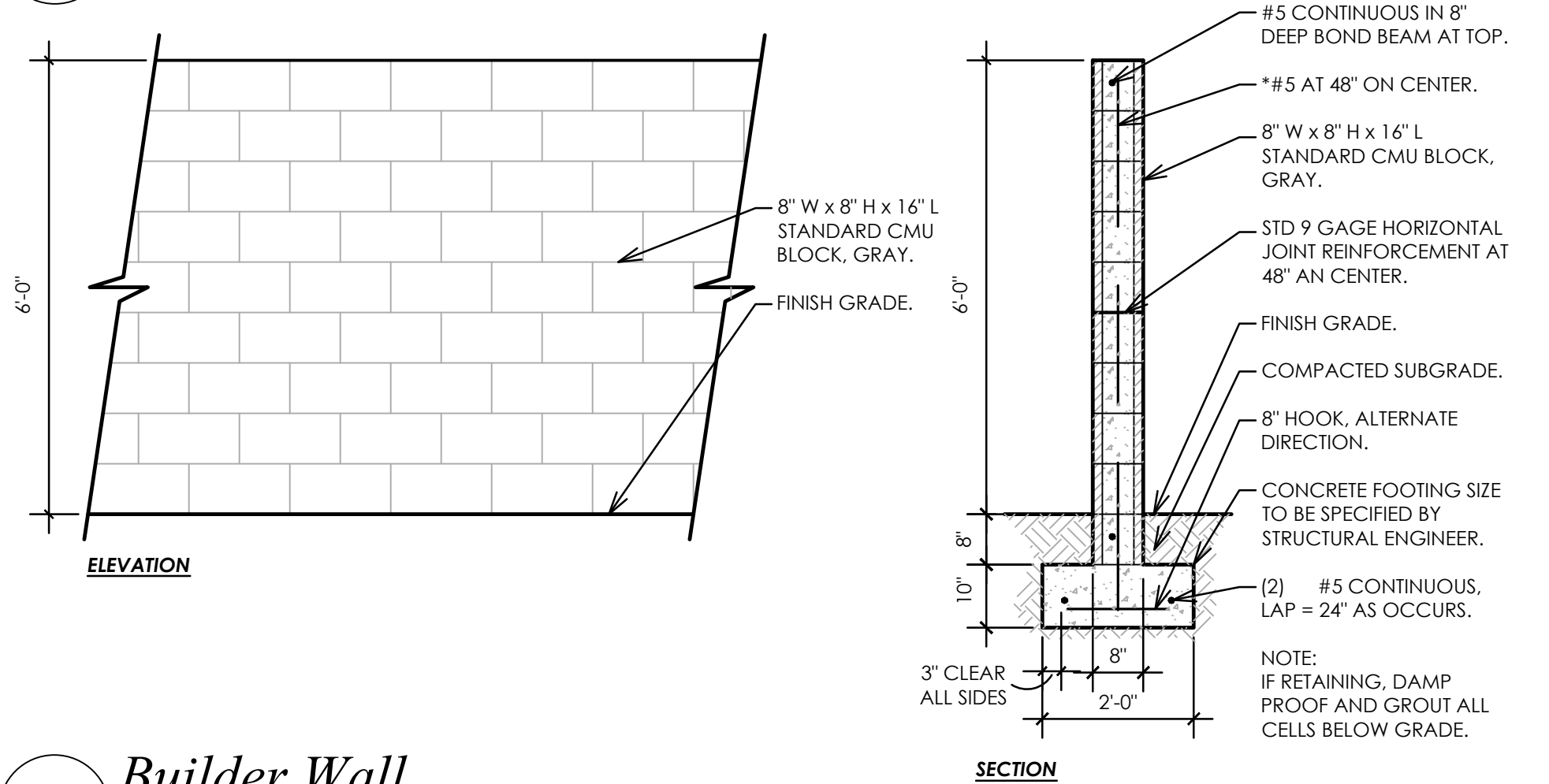
1 Theme Wall

Scale: 1/2" = 1'-0"



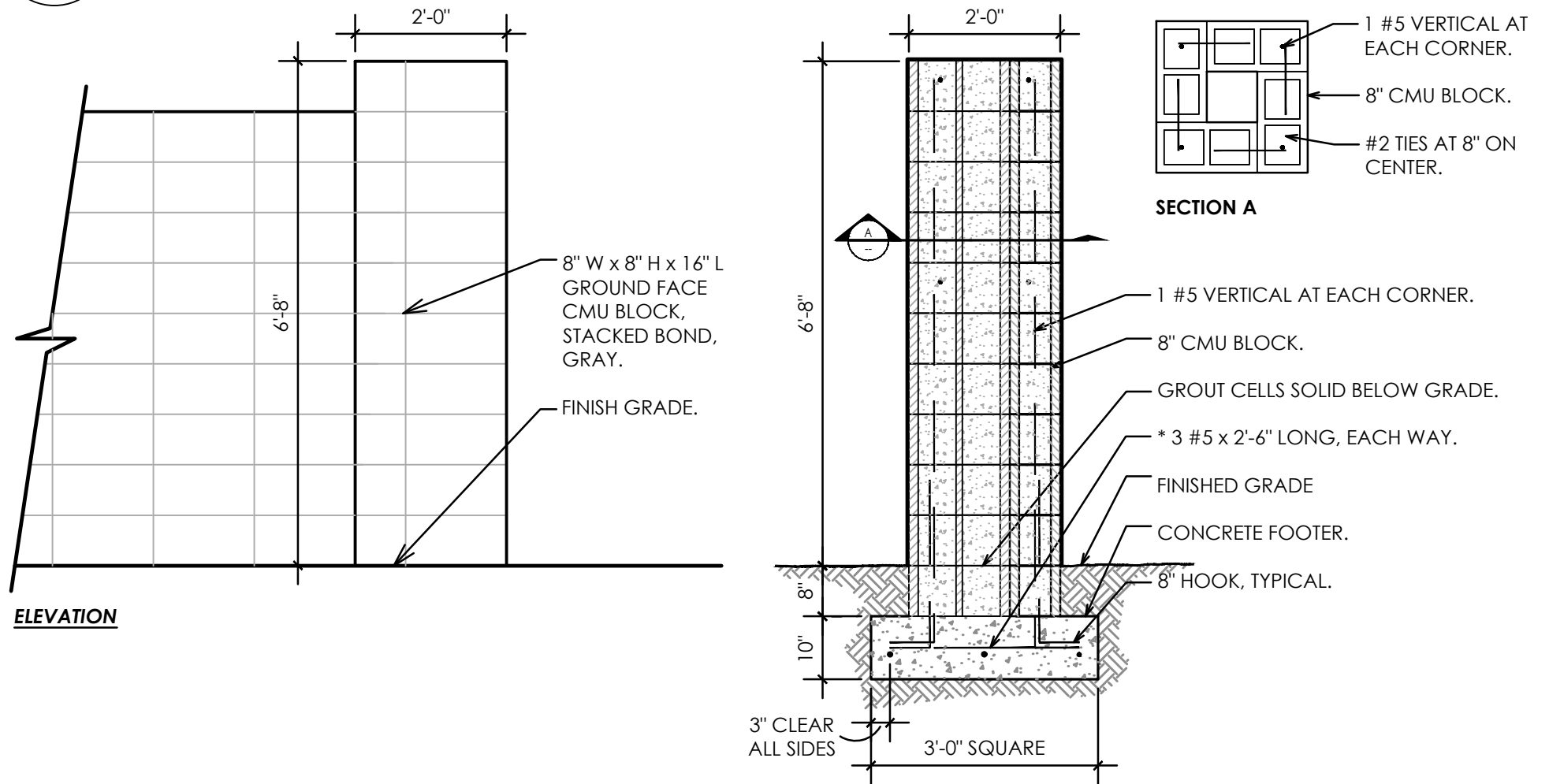
2 Theme Steel Post View Fence

Scale: 1/2" = 1'-0"



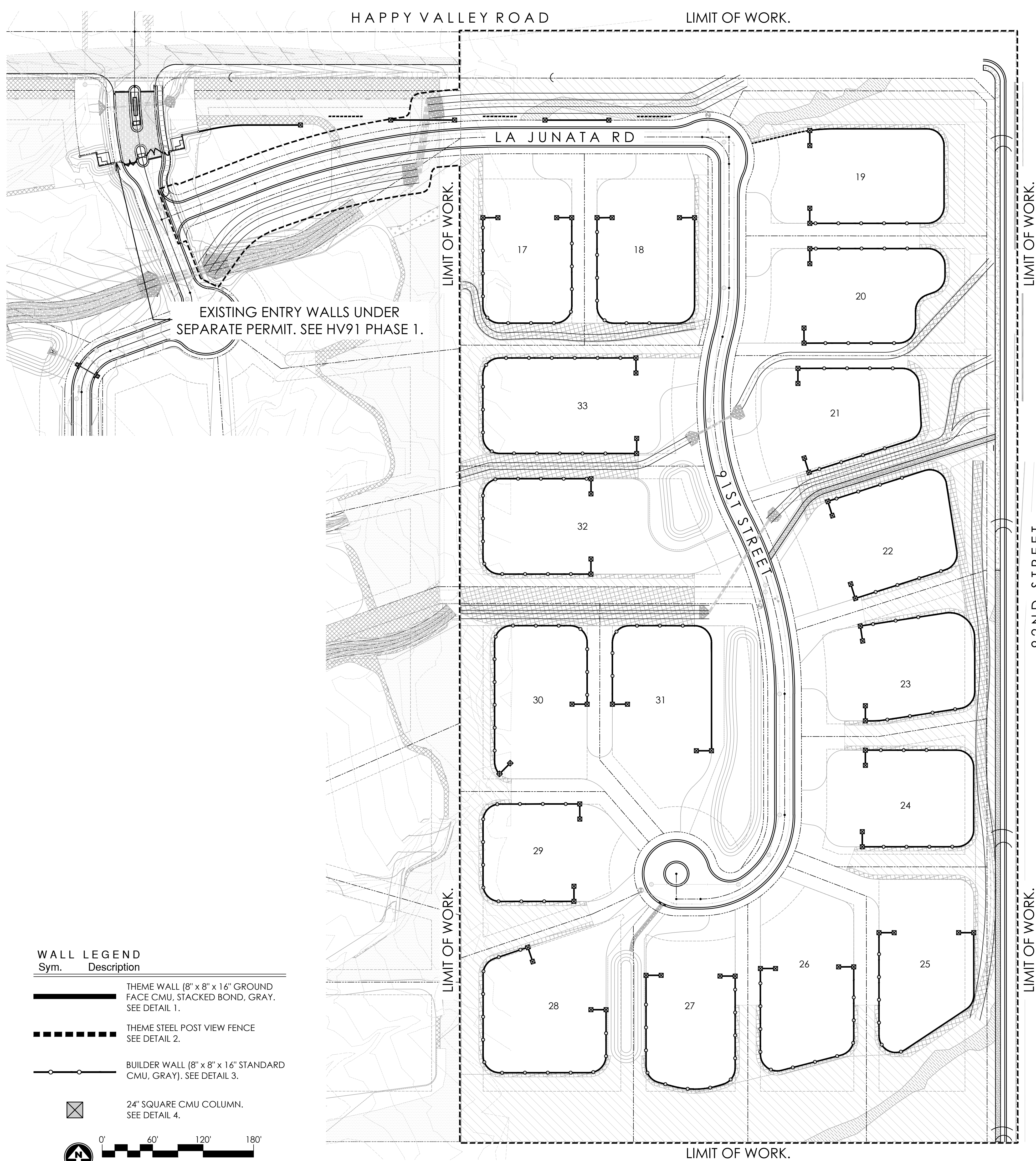
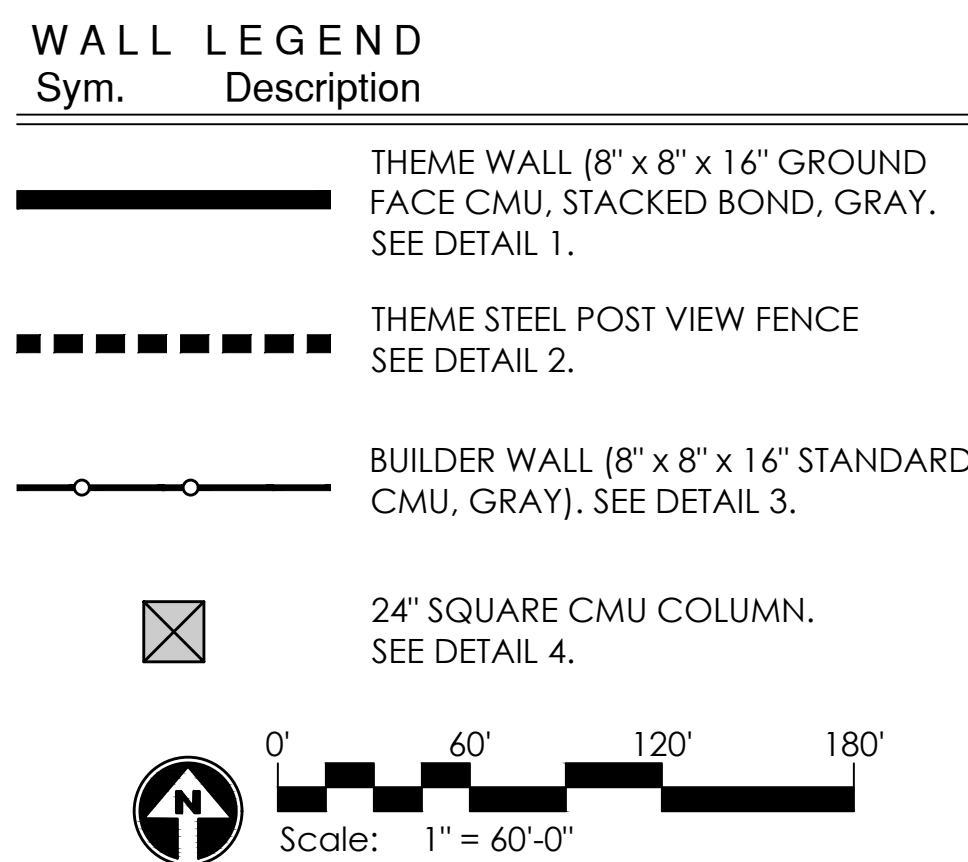
3 Builder Wall

Scale: 1/2" = 1'-0"



4 24" Square CMU Column

Scale: 1/2" = 1'-0"



Greey | Pickett
landscape architecture | community design

7144 e stinson drive, suite 205
scottsdale, arizona 85253
480.609.0000p 480.609.0068f

project #:
SWD026

scale:
1"=60'

issued for:
Preliminary Plat

drawn by:
TEAM

date:
12/14/2020

drawing:
Wall Plan

revisions:

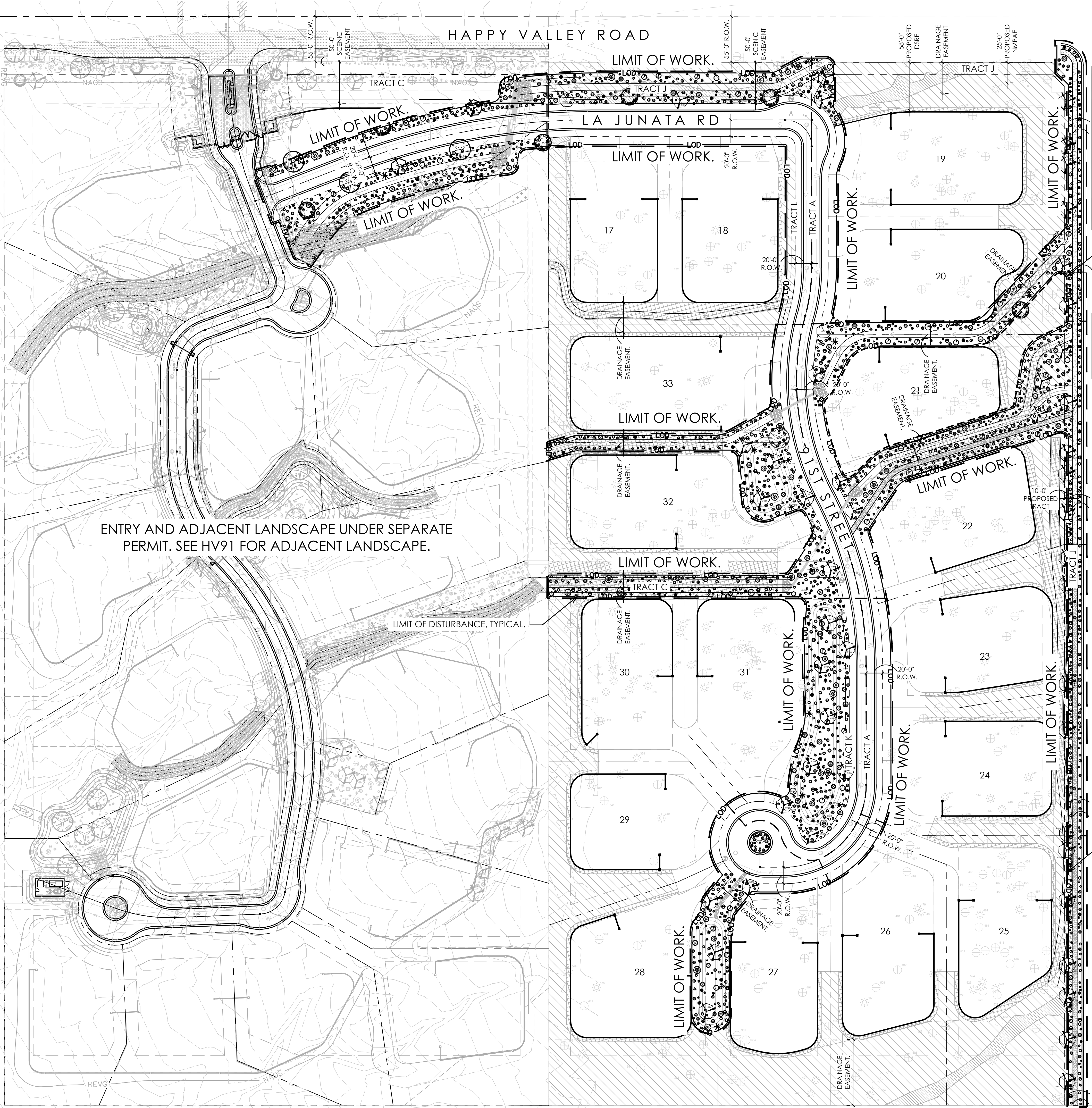
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△
△

A1

11 of 11

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Greey | Pickett
12/29/20

PH 2020_V2



PLANT MATERIALS LEGEND (PHASE 1)				
Sym.	Plant Name	Size	Qty	Caliper

Trees

	<i>Celtis pallida</i> Desert Hackberry	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	12	1.0-1.5
	<i>Chilopsis linearis</i> Desert Willow	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	6	1.0-1.5
	<i>Olneya tesota</i> Ironwood	Salvaged	4	2.5-3.5
	<i>Parkinsonia microphylla</i> Foothills Palo Verde	50% 15gal/ 50% 24" box. Salvaged	2 46	3.0-4.0
	<i>Prosopis velutina</i> Native Mesquite	50% 15gal/ 50% 24" box. Salvaged UNLESS OTHERWISE NOTED.	3 2	3.0-4.0

Shrubs

	<i>Ambrosia ambrosiodes</i> Giant Bursage	5 gal.	33	-
	<i>Calliandra eriophylla</i> Pink Fairy Duster	5 gal.	84	-
	<i>Ericameria laricifolia</i> Turpentine Bush	5 gal.	152	-
	<i>Justicia californica</i> Chuparosa	5 gal.	43	-
	<i>Larrea tridentata</i> Creosote	5 gal.	31	-
	<i>Senna covesii</i> Desert Senna	5 gal.	67	-
	<i>Simmondsia chinensis</i> Jojoba	5 gal.	11	-
	<i>Sphaeralcea ambigua</i> Globe Mallow	5 gal.	148	-

Groundcovers

	<i>Abronia villosa</i> Sand Verbena	1 gal.	122	-
	<i>Baileya multiradiata</i> Desert Marigold	1 gal.	337	-
	<i>Melampodium leucanthum</i> Blackfoot Daisy	1 gal.	144	-
	<i>Psilostrophe cooperi</i> Paper Flower	1 gal.	209	-
	<i>Viguiera deltoidea</i> Goldeneye	1 gal.	181	-

Accents Cactus

	<i>Agave deserti</i> Desert Agave	5 gal.	43	-
	<i>Agave murpheyi</i> Murphy's Agave	5 gal.	59	-
	<i>Agave palmeri</i> Palmer's Agave	5 gal.	45	-
	<i>Carnegiea gigantea</i> Saguaro	Salvaged	-	-
	<i>Cylindropuntia versicolor</i> Staghorn Cholla	5 gal.	59	-
	<i>Dasyliroton wheeleri</i> Desert Spoon	5 gal.	61	-
	<i>Ferocactus wislizenii</i> Fishhook Barrel Cactus	Salvaged	-	-
	<i>Fouquieria splendens</i> Ocotillo	Salvaged	-	-
	<i>Penstemon parryi</i> Perry's Penstemon	1 gal.	215	-
	<i>Penstemon pseudospectabilis</i> Purple Penstemon	1 gal.	119	-
	<i>Yucca baccata</i> Banana Yucca	5 gal.	13	-
	<i>Yucca elata</i> Soaptree Yucca	5 gal.	8	-

SEE SHEET L3.1 FOR INERT SPECIFICATIONS, LANDSCAPE, REVEGETATION AND HYDROSEED MIX NOTES.

LANDSCAPE AREA	
OFF-SITE	13,387
ON-SITE	142,815
TOTAL	156,202

*NOTE: TOTALS PROVIDED INCLUDE LANDSCAPE AREA FOR PHASE 1 AND PHASE 2 OF OVERALL PROJECT. N.A.O.S. IS NOT INCLUDED IN LANDSCAPE AREA.

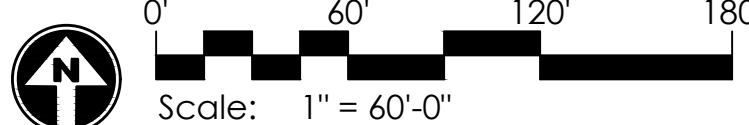
ALL PLANTS MATERIAL PROPOSED TO BE INSTALLED IN RETENTION BASINS WILL BE IN CONFORMANCE WITH DESIGN STANDARDS AND POLICIES MANUAL - SECTION 2-1.903: NATIVE PLANTS IN DETENTION BASINS AND DRAINAGE CHANNELS.

N.A.O.S. LEGEND

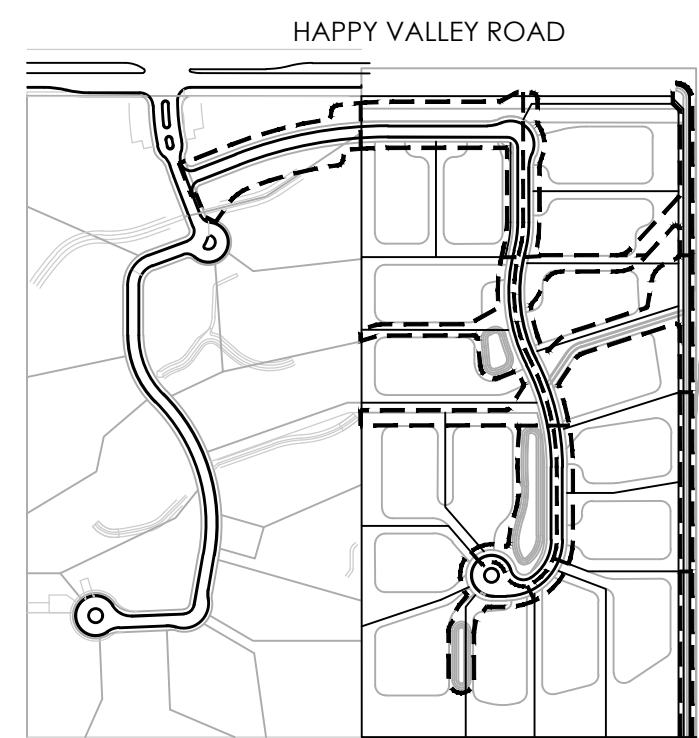
Sym.	Description
	NAOS - UNDISTURBED AREA: EXISTING VEGETATION TO REMAIN IN PLACE.
	NAOS - REVEGETATED AREA: TO INCLUDE A COMBINATION OF REVEGETATED PLANT MATERIAL; PLANT MATERIAL AS LISTED AND HYDROSEED MIX.
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NOTE:
PHASE 1: LANDSCAPE AND DECOMPOSED GRANITE IN ALL TRACTS COMMON AREA(S).

PHASE 2: LANDSCAPE AND DECOMPOSED GRANITE TO OCCUR AT TIME OF SINGLE FAMILY RESIDENTIAL PLANS.



KEY MAP
SCALE: NTS



GREY PICKETT
landscape architecture community design
7144 E. Mission Drive, Suite 205
Scottsdale, AZ 85251
480.609.0000p 480.609.0008f



Solitude
Happy Valley Road and 91st Street
Scottsdale, Arizona

project #:
SWD026
scale:
1" = 60'-0"
issued for:
Preliminary Plat
drawn by:
TEAM
date:
12/14/2020
drawing:
Overall Planting Plan

L3.0
1 of 11

HYDROSEED MIX APPLY AT RATE 15 PLS LBS/ACRE		
		PLS LBS/ACRE
AMBROSIA DELTOIDEA	TRIANGLE LEAF BURSAGE	3.0
ATRIPLEX CANESCENS	FOUR-WING SALT BUSH	3.0
ENCELIA FARINOSA	BRITTLEBUSH	2.0
ERICAMERIA LARICIFOLIA	TURPENTINE BUSH	1.0
LARREA TRIDENTATA	CREOSOTE BUSH	2.0
SENNA COVESII	DESERT SENNA	2.0
SPHAERALCEA AMBIGUA	GLOBEMALLOW	2.0

1. PLANTS INSTALLED IN DETENTION BASINS AND DRAINAGE CHANNELS TO CONFORM TO CITY OF SCOTTSDALE DS&PM, SECTION 2-1.903.
2. ALL SIZE AND CALIPER OR PLANT MATERIAL ARE TO COMPLY WITH ARIZONA NURSERYMAN STANDARDS COMPARED TO CONTAINER SIZES

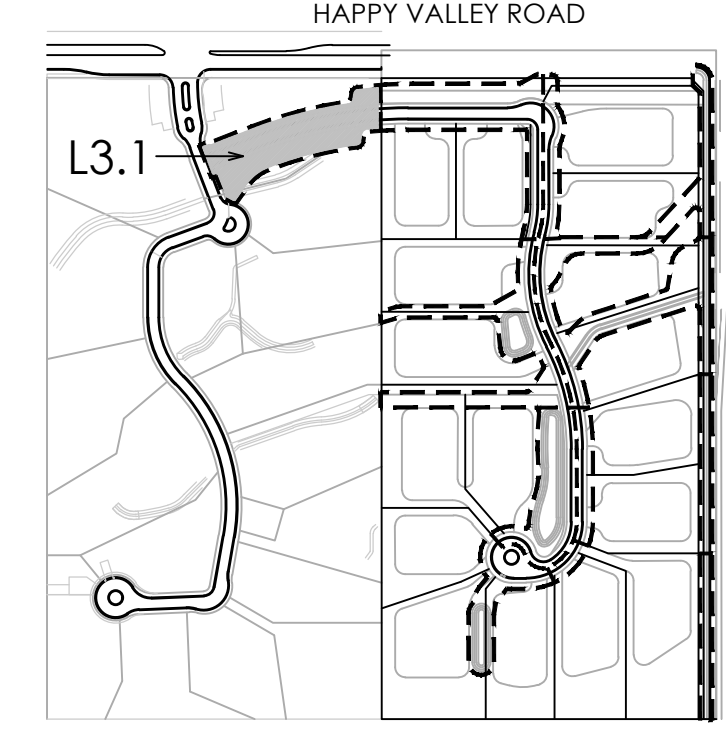
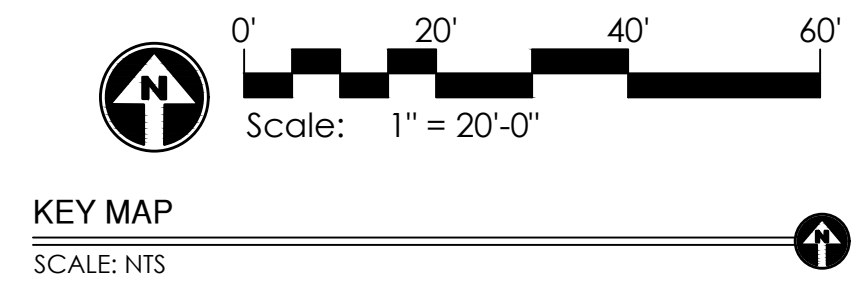
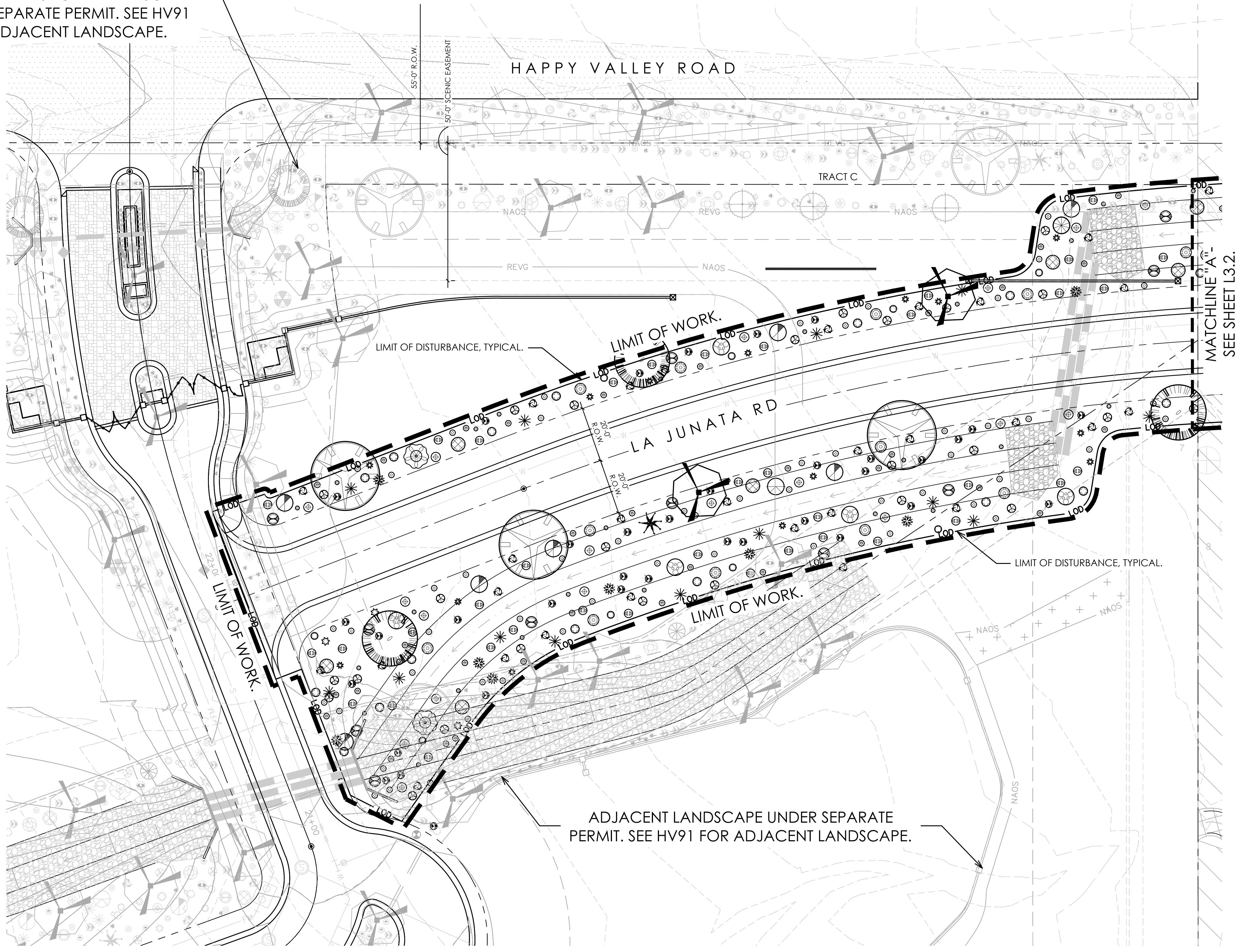
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 3. CONTAINER-GROWN PLANT MATERIAL SHALL BE IRRIGATED WITH DRIP IRRIGATION
 4. THE SELECTION, PLACEMENT, AND ALIGNMENT (ROTATION) OF ALL ON-SITE NURSERY SALVAGE TREES SHALL BE APPROVED BY THE OWNER OR THE LANDSCAPE ARCHITECT PRIOR TO DIGGING AND PLANTING.

INERTS	
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	3/4" DESERT GOLD DECOMPOSED GRANITE. 2" DEPTH MINIMUM.
	RIP-RAP PER CIVIL.
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- NOTES:
1. ALL PLANTS SHALL BE WATERED WITH AUTOMATIC DRIP IRRIGATION SYSTEM.
 2. ALL LANDSCAPE AREAS EXCLUDING TURF TO BE COVERED WITH CRUSHED ROCK.
 3. LANDSCAPE ARCHITECT TO APPROVE FINAL GRADING. PLANTING SHALL NOT OCCUR UNTIL FINAL GRADING IS APPROVED.
 4. ALL SHRUBS TO BE PLANTED 3'-0" MINIMUM AWAY FROM EXISTING OR FUTURE WALLS.
 5. ALL TREES TO BE PLANTED 5'-0" MINIMUM AWAY FROM EXISTING OR FUTURE WALLS.
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 7. PLANT MATERIAL SHALL BE ADJUSTED IN FIELD TO AVOID TREE ROOT BALLS.

PLANT MATERIALS LEGEND (PHASE 1)				
Sym.	Plant Name	Size	Qty	Caliper
Trees				
	<i>Celtis pallida</i> Desert Hackberry	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	12	1.0-1.5
	<i>Chilopsis linearis</i> Desert Willow	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	6	1.0-1.5
	<i>Olneya tesota</i> Ironwood	Salvaged	4	2.5-3.5
	<i>Parkinsonia microphylla</i> Foothills Palo Verde	50% 15gal/ 50% 24" box. Salvaged	2 46	3.0-4.0
	<i>Prosopis velutina</i> Native Mesquite	50% 15gal/ 50% 24" box. Salvaged UNLESS OTHERWISE NOTED.	3 2	3.0-4.0
Shrubs				
	<i>Ambrosia ambrosioides</i> Giant Bursage	5 gal.	33	-
	<i>Calliandra eriophylla</i> Pink Fairy Duster	5 gal.	84	-
	<i>Ericameria laricifolia</i> Turpentine Bush	5 gal.	152	-
	<i>Justicia californica</i> Chuparosa	5 gal.	43	-
	<i>Larrea tridentata</i> Creosote	5 gal.	31	-
	<i>Senna covesii</i> Desert Senna	5 gal.	67	-
	<i>Simmondsia chinensis</i> Jojoba	5 gal.	11	-
	<i>Sphaeralcea ambigua</i> Globe Mallow	5 gal.	148	-
Groundcovers				
	<i>Abronia villosa</i> Sand Verbena	1 gal.	122	-
	<i>Baileya multiradiata</i> Desert Marigold	1 gal.	337	-
	<i>Melampodium leucanthum</i> Blackfoot Daisy	1 gal.	144	-
	<i>Psilostrophe cooperi</i> Paper Flower	1 gal.	209	-
	<i>Yiguiera deltoidea</i> Goldeneye	1 gal.	181	-
Accents Cactus				
	<i>Agave deserti</i> Desert Agave	5 gal.	43	-
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	<i>Agave palmeri</i> Palmer's Agave	5 gal.	45	-
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	<i>Penstemon parryi</i> Perry's Penstemon	1 gal.	215	-
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	<i>Yucca baccata</i> Banana Yucca	5 gal.	13	-
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ENTRY AND ADJACENT LANDSCAPE UNDER SEPARATE PERMIT. SEE HV91 FOR ADJACENT LANDSCAPE.



GREY PUCKETT
landscape architecture community design
7144 e session drive suite 205
scottsdale, arizona 85253
480.609.0000p 480.609.0068t

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revisions:

project #:
SWD026

scale:
1" = 20'-0"

issued for:
Preliminary Plat

drawn by:
TEAM

date:
12/14/2020

drawing:
Planting Plan

L3.1
2 of 11

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12/29/20

2020 V2

HYDROSEED MIX APPLY AT RATE 15 PLS LBS/ACRE

	PLS LBS/ACRE
AMBROSIA DELTOIDEA	3.0
ATRIPLEX CANESCENS	3.0
ENCELIA FARINOSA	2.0
ERICAMERIA LARICIFOLIA	1.0
LARREA TRIDENTATA	2.0
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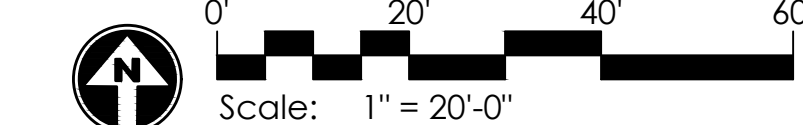
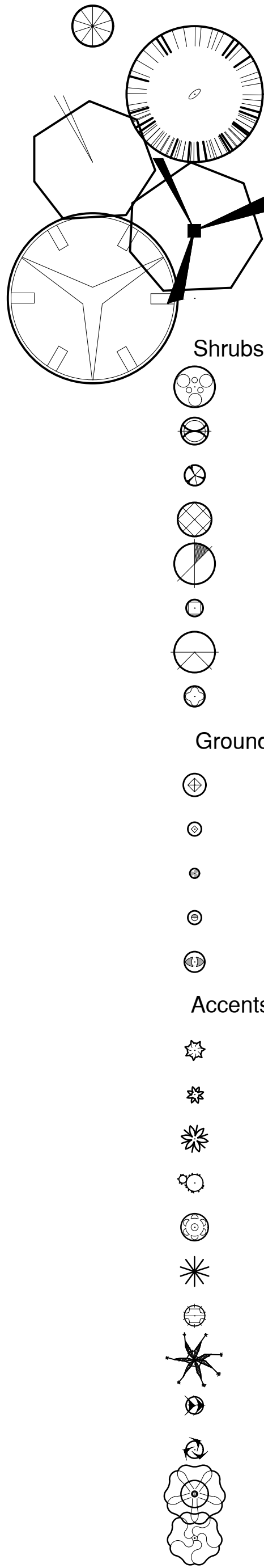
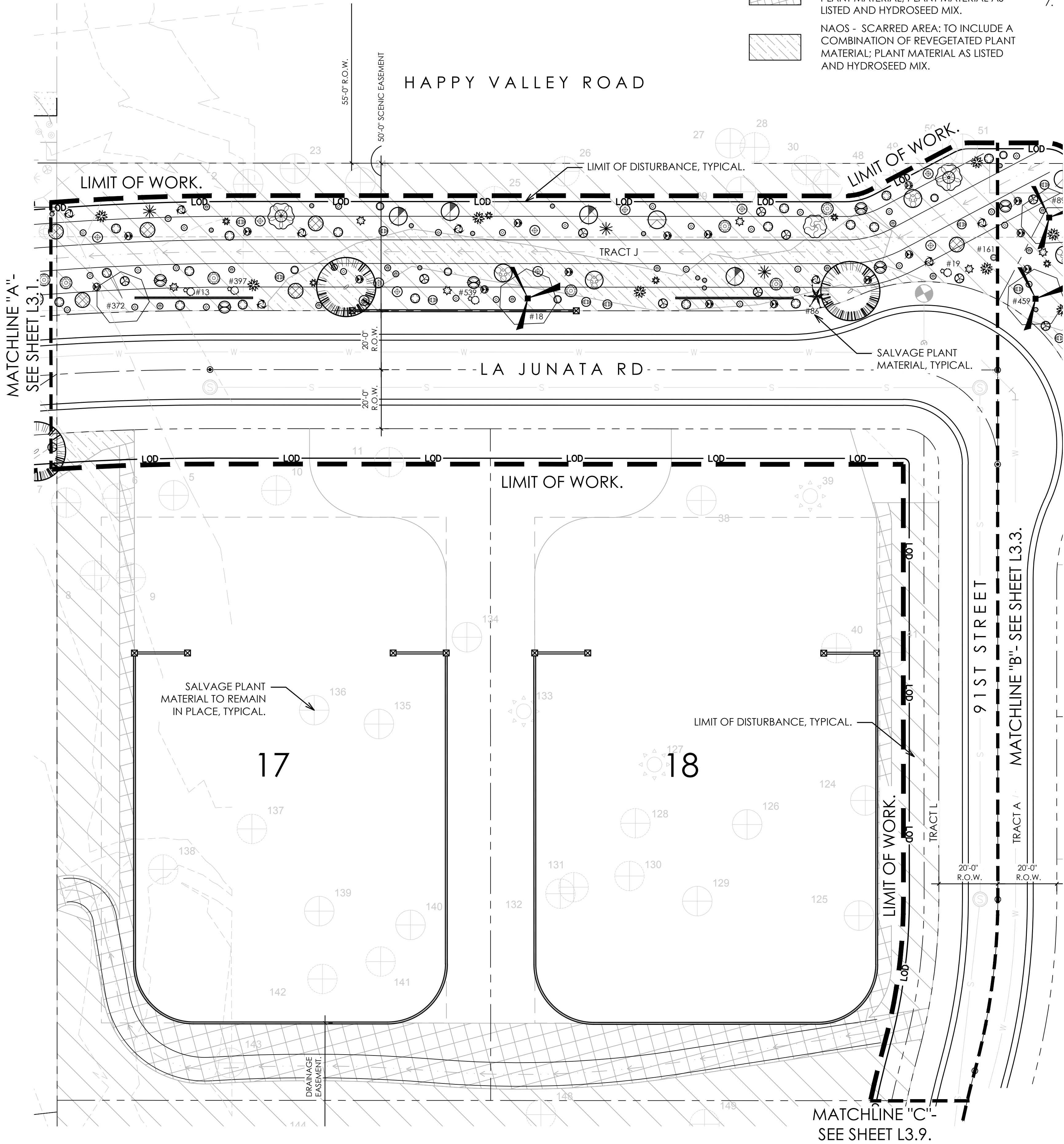
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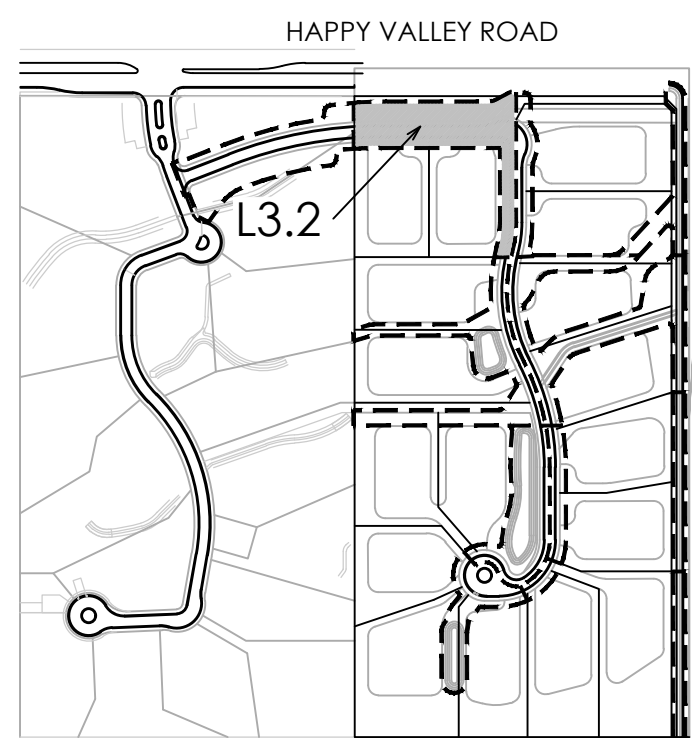
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KEY MAP
SCALE: NTS



project #:
SWD026

scale:
1" = 20'-0"

issued for:
Preliminary Plat

drawn by:
TEAM

date:
12/14/2020

drawing:
Planting Plan

L3.2

3 of 11



Solitude

Happy Valley Road and 91st Street

Scottsdale, Arizona

HYDROSEED MIX APPLY AT RATE 15 PLS LBS/ACRE

		PLS LBS/ACRE
AMBROSIA DELTOIDEA	TRIANGLE LEAF BURSAGE	3.0
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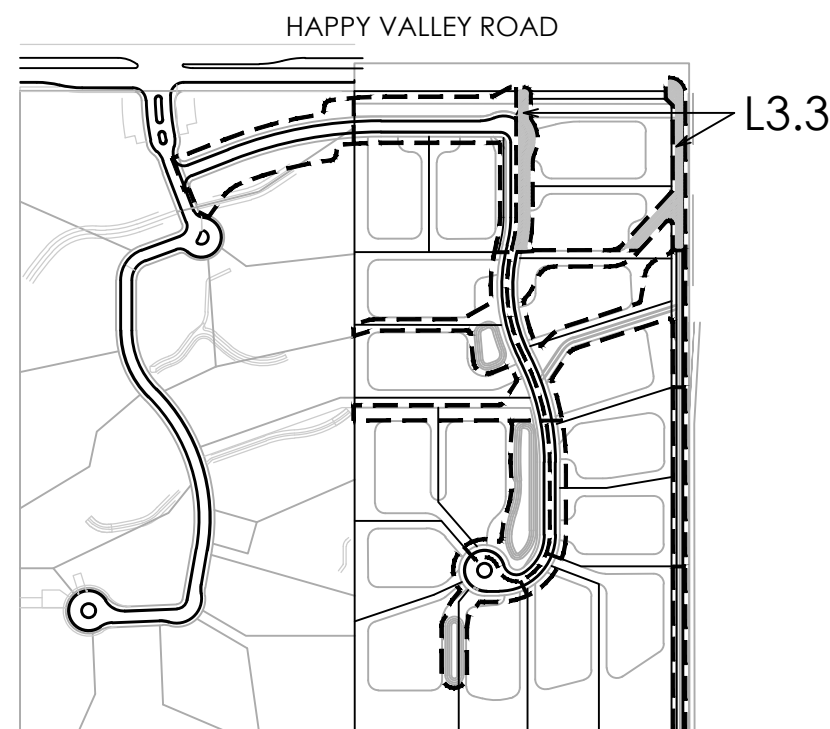
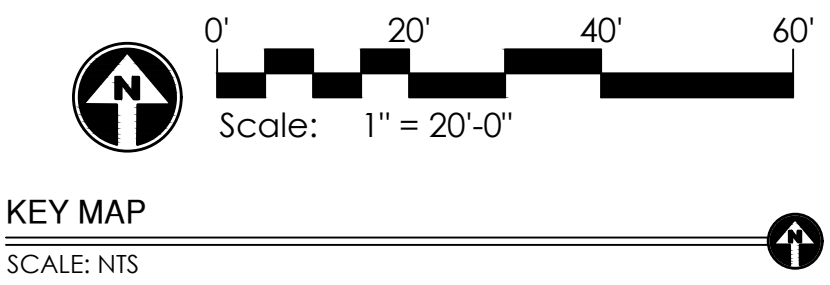
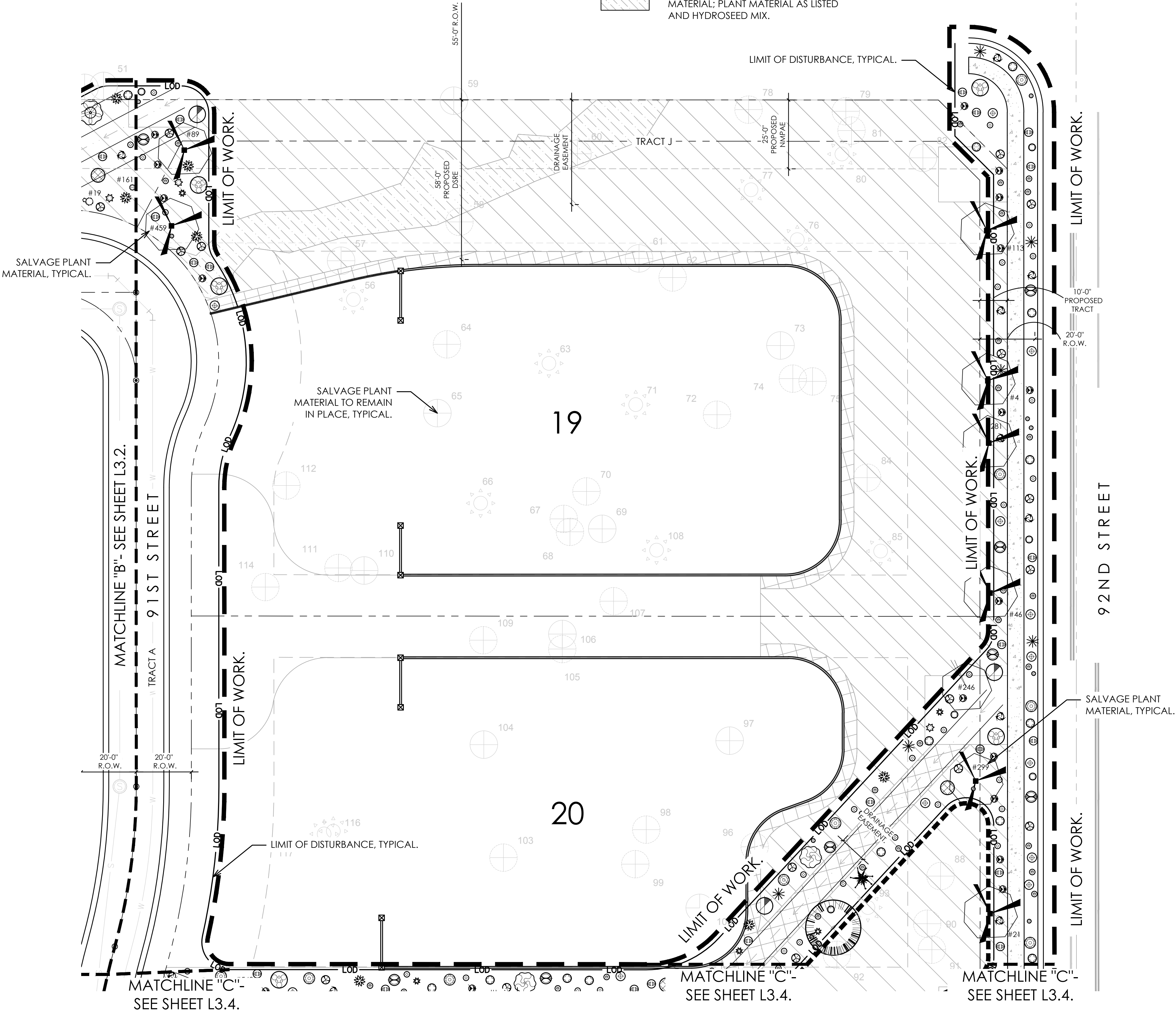
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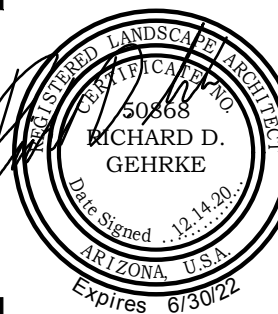
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GREY PICKETT
landscape architecture community design
7144 e session drive suite 203
scottsdale, arizona 85251
480.609.0000p 480.609.0068t



Solitude
Happy Valley Road and 91st Street
Scottsdale, Arizona

revisions:

project #: SWD026
scale: 1" = 20'-0"
issued for: Preliminary Plat
drawn by: TEAM
date: 12/14/2020
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L3.3
4 of 11

HYDROSEED MIX APPLY AT RATE 15 PLS LBS/ACRE

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INERTS

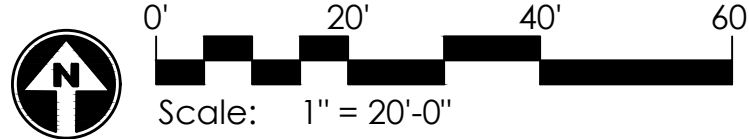
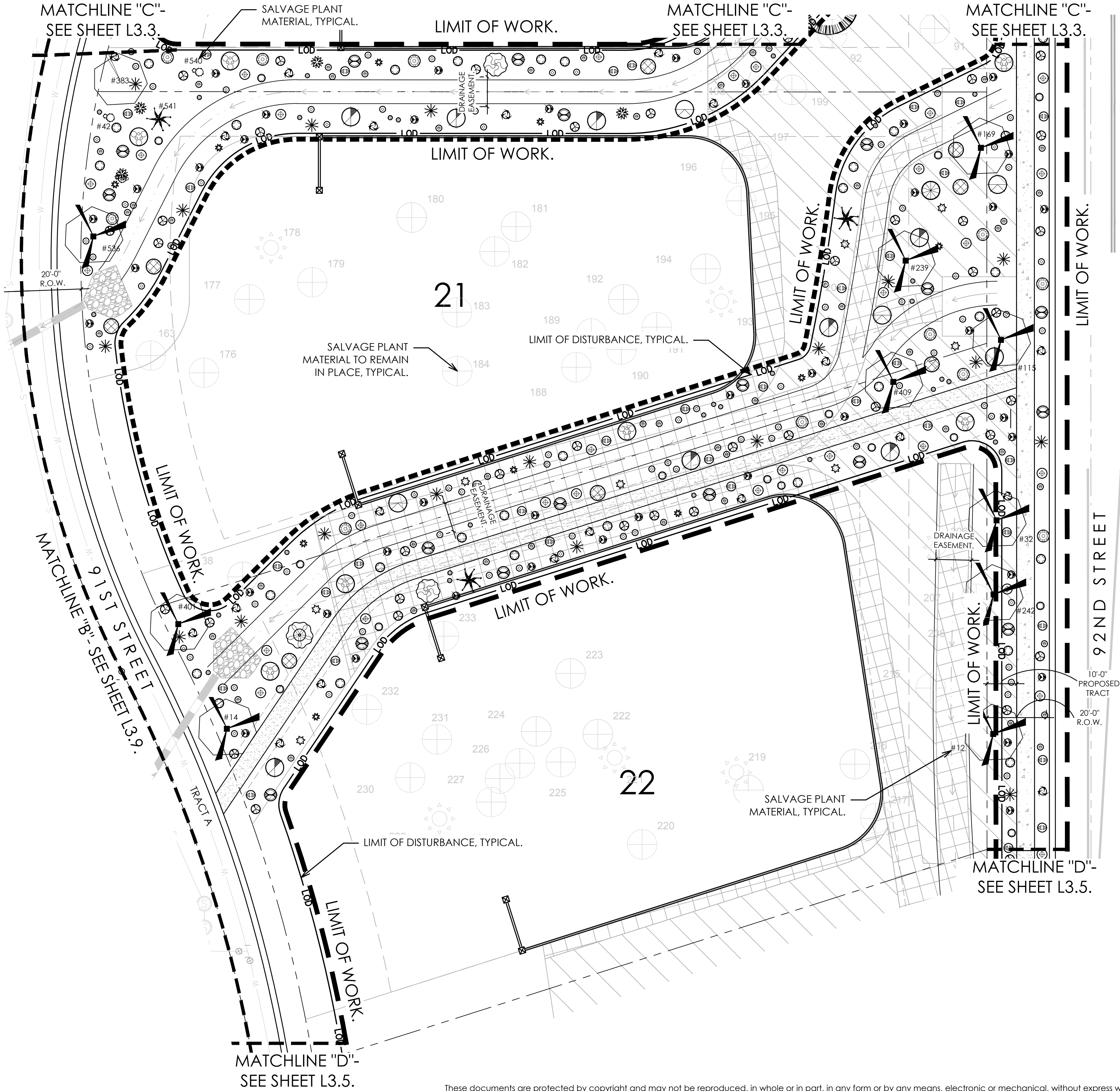
Sym.	Description
	3/4" DESERT GOLD DECOMPOSED GRANITE. 2" DEPTH MINIMUM.
	RIP-RAP PER CIVIL.
N.A.O.S Sym.	LEGEND Description
	NAOS - UNDISTURBED AREA: EXISTING VEGETATION TO REMAIN IN PLACE.
	NAOS - REVEGETATED AREA: TO INCLUDE A COMBINATION OF REVEGETATED PLANT MATERIAL; PLANT MATERIAL AS LISTED AND HYDROSEED MIX.
	NAOS - SCARRED AREA: TO INCLUDE A COMBINATION OF REVEGETATED PLANT MATERIAL; PLANT MATERIAL AS LISTED AND HYDROSEED MIX.

NOTES:

1. ALL PLANTS SHALL BE WATERED WITH AUTOMATIC DRIP IRRIGATION SYSTEM.
2. ALL LANDSCAPE AREAS EXCLUDING TURF TO BE COVERED WITH CRUSHED ROCK.
3. LANDSCAPE ARCHITECT TO APPROVE FINAL GRADING. PLANTING SHALL NOT OCCUR UNTIL FINAL GRADING IS APPROVED.
4. ALL SHRUBS TO BE PLANTED 3'-0" MINIMUM AWAY FROM EXISTING OR FUTURE WALLS.
5. ALL TREES TO BE PLANTED 5'-0" MINIMUM AWAY FROM EXISTING OR FUTURE WALLS.
6. WHERE POSSIBLE, ALL TREES AND SHRUBS TO BE PLANTED 2'-0" MINIMUM AWAY FROM WALKS AND CURBS.
7. PLANT MATERIAL SHALL BE ADJUSTED IN FIELD TO AVOID TREE ROOT BALLS.

PLANT MATERIALS LEGEND (PHASE 1)

Sym.	Plant Name	Size	Qty	Caliper
Trees				
	<i>Celtis pallida</i> Desert Hackberry	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	12	1.0-1.5
	<i>Chilopsis linearis</i> Desert Willow	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	6	1.0-1.5
	<i>Olneya tesota</i> Ironwood	Salvaged	4	2.5-3.5
	<i>Parkinsonia microphylla</i> Foothills Palo Verde	50% 15gal/ 50% 24" box. Salvaged	2 46	3.0-4.0
	<i>Prosopis velutina</i> Native Mesquite	50% 15gal/ 50% 24" box. Salvaged UNLESS OTHERWISE NOTED.	3 2	3.0-4.0
Shrubs				
	<i>Ambrosia ambrosioides</i> Giant Bursage		5 gal.	33 -
	<i>Calliandra eriophylla</i> Pink Fairy Duster		5 gal.	84 -
	<i>Ericameria laricifolia</i> Turpentine Bush		5 gal.	152 -
	<i>Justicia californica</i> Chuparosa		5 gal.	43 -
	<i>Larrea tridentata</i> Creosote		5 gal.	31 -
	<i>Senna covesii</i> Desert Senna		5 gal.	67 -
	<i>Simmondsia chinensis</i> Jojoba		5 gal.	11 -
	<i>Sphaeralcea ambigua</i> Globe Mallow		5 gal.	148 -
Groundcovers				
	<i>Abromia villosa</i> Sand Verbena		1 gal.	122 -
	<i>Baileya multiradiata</i> Desert Marigold		1 gal.	337 -
	<i>Melampodium leucanthum</i> Blackfoot Daisy		1 gal.	144 -
	<i>Psilostrophe cooperi</i> Paper Flower		1 gal.	209 -
	<i>Yiguiera deltoidea</i> Goldeneye		1 gal.	181 -
Accents Cactus				
	<i>Agave deserti</i> Desert Agave		5 gal.	43 -
	<i>Agave murpheyi</i> Murphy's Agave		5 gal.	59 -
	<i>Agave palmeri</i> Palmer's Agave		5 gal.	45 -
	<i>Carnegiea gigantea</i> Saguaro	Salvaged	-	-
	<i>Cyllindropuntia versicolor</i> Staghorn Cholla		5 gal.	59 -
	<i>Dasylirion wheeleri</i> Desert Spoon		5 gal.	61 -
	<i>Ferocactus wislizenii</i> Fishhook Barrel Cactus	Salvaged	-	-
	<i>Fouquieria splendens</i> Ocotillo	Salvaged	-	-
	<i>Penstemon parryi</i> Perry's Penstemon		1 gal.	215 -
	<i>Penstemon pseudospectabilis</i> Purple Penstemon		1 gal.	119 -
	<i>Yucca baccata</i> Banana Yucca		5 gal.	13 -
	<i>Yucca elata</i> Soaptree Yucca		5 gal.	8 -



KEY MAP
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project #:
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Preliminary Plat

drawn by:
TEAM

date:
12/14/2020

drawing:
Planting Plan

L3.4
5 of 11

HYDROSEED MIX APPLY AT RATE 15 PLS LBS/ACRE

		PLS LBS/ACRE
AMBROSIA DELTOIDEA	TRIANGLE LEAF BURSAGE	3.0
ATRIPLEX CANESCENS	FOUR-WING SALTBUSH	3.0
ENCELIA FARINOSA	BRITTLEBUSH	2.0
ERICAMERIA LARICIFOLIA	TURPENTINE BUSH	1.0
LARREA TRIDENTATA	CREOSOTE BUSH	2.0
SENNA COVESII	DESERT SENNA	2.0
SPHAERALCEA AMBIGUA	GLOBEMALLOW	2.0

1. PLANTS INSTALLED IN DETENTION BASINS AND DRAINAGE CHANNELS TO CONFORM TO CITY OF SCOTTSDALE DS&PM, SECTION 2-1.903.
2. ALL SIZE AND CALIPER OR PLANT MATERIAL ARE TO COMPLY WITH ARIZONA NURSERYMAN STANDARDS COMPARED TO CONTAINER SIZES

RE-VEGETATION AND IRRIGATION METHOD:

1. FOR RE-VEGETATED PORTIONS OF THE SITE, A HYDROSEED MIX WILL BE USED TO ALLOW QUICK, EFFICIENT RE-GROWTH OF PLANT MATERIAL WITHIN DISTURBED LANDSCAPE AREAS.
2. ALL RE-VEGETATED N.A.O.S. AREAS SHALL BE WATERED FOR THREE YEARS MAXIMUM.
3. CONTAINER-GROWN PLANT MATERIAL SHALL BE IRRIGATED WITH DRIP IRRIGATION
4. THE SELECTION, PLACEMENT, AND ALIGNMENT (ROTATION) OF ALL ON-SITE NURSERY SALVAGE TREES SHALL BE APPROVED BY THE OWNER OR THE LANDSCAPE ARCHITECT PRIOR TO DIGGING AND PLANTING.

INERTS

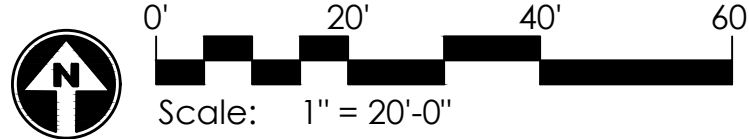
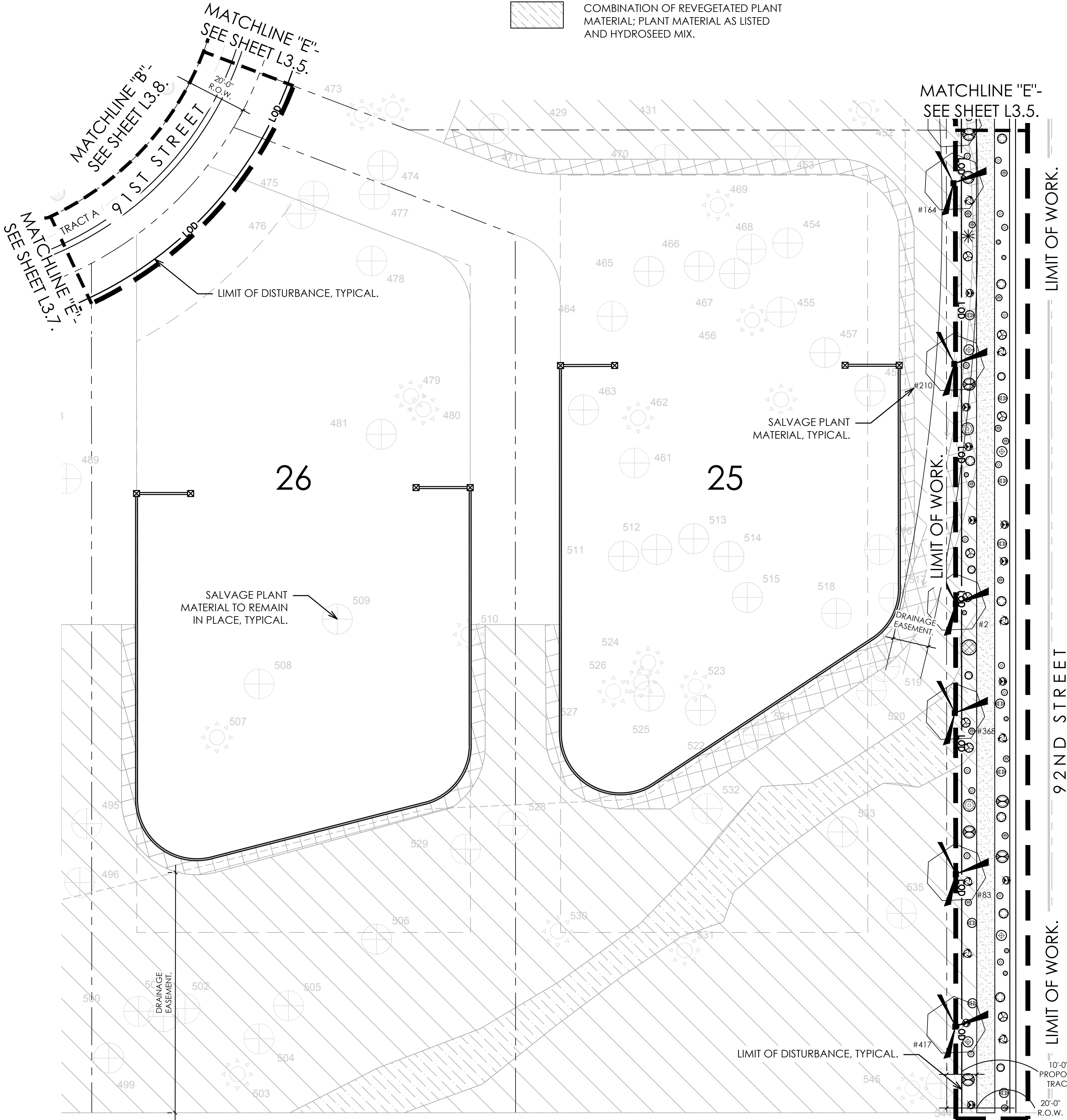
Sym.	Description
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NOTES:

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3. LANDSCAPE ARCHITECT TO APPROVE FINAL GRADING. PLANTING SHALL NOT OCCUR UNTIL FINAL GRADING IS APPROVED.
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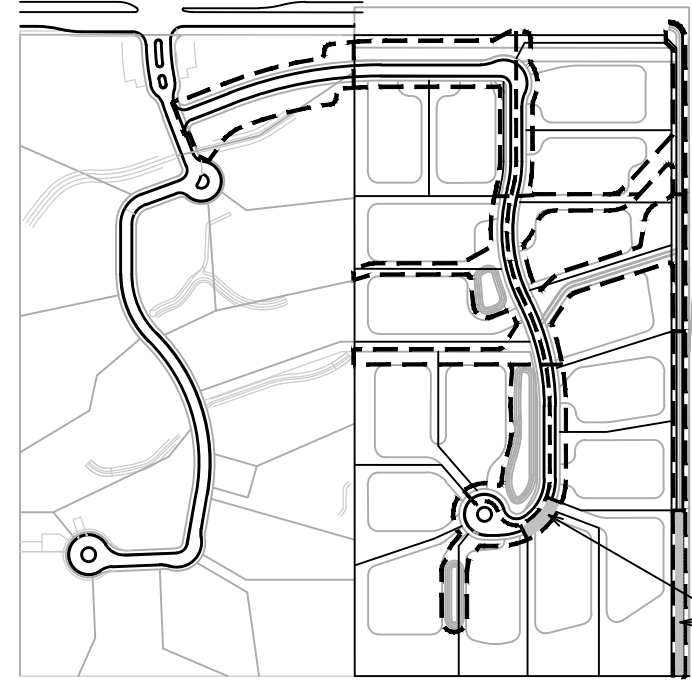
PLANT MATERIALS LEGEND (PHASE 1)

Sym.	Plant Name	Size	Qty	Caliper
Trees				
	<i>Celtis pallida</i> Desert Hackberry	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	12	1.0-1.5
	<i>Chilopsis linearis</i> Desert Willow	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	6	1.0-1.5
	<i>Olneya tesota</i> Ironwood	Salvaged	4	2.5-3.5
	<i>Parkinsonia microphylla</i> Foothills Palo Verde	50% 15gal/ 50% 24" box. Salvaged	2 46	3.0-4.0
	<i>Prosopis velutina</i> Native Mesquite	50% 15gal/ 50% 24" box. Salvaged UNLESS OTHERWISE NOTED.	3 2	3.0-4.0
Shrubs				
	<i>Ambrosia ambrosioides</i> Giant Bursage	5 gal.	33	-
	<i>Calliandra eriophylla</i> Pink Fairy Duster	5 gal.	84	-
	<i>Ericameria laricifolia</i> Turpentine Bush	5 gal.	152	-
	<i>Justicia californica</i> Chuparosa	5 gal.	43	-
	<i>Larrea tridentata</i> Creosote	5 gal.	31	-
	<i>Senna covesii</i> Desert Senna	5 gal.	67	-
	<i>Simmondsia chinensis</i> Jojoba	5 gal.	11	-
	<i>Sphaeralcea ambigua</i> Globe Mallow	5 gal.	148	-
Groundcovers				
	<i>Abronia villosa</i> Sand Verbena	1 gal.	122	-
	<i>Baileya multiradiata</i> Desert Marigold	1 gal.	337	-
	<i>Melampodium leucanthum</i> Blackfoot Daisy	1 gal.	144	-
	<i>Psilostrophe cooperi</i> Paper Flower	1 gal.	209	-
	<i>Yiguiera deltoidea</i> Goldeneye	1 gal.	181	-
Accents Cactus				
	<i>Agave deserti</i> Desert Agave	5 gal.	43	-
	<i>Agave murpheyi</i> Murphy's Agave	5 gal.	59	-
	<i>Agave palmeri</i> Palmer's Agave	5 gal.	45	-
	<i>Carnegiea gigantea</i> Saguaro	Salvaged	-	-
	<i>Cyllindropuntia versicolor</i> Staghorn Cholla	5 gal.	59	-
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	<i>Ferocactus wislizenii</i> Fishhook Barrel Cactus	Salvaged	-	-
	<i>Fouquieria splendens</i> Ocotillo	Salvaged	-	-
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	<i>Yucca baccata</i> Banana Yucca	5 gal.	13	-
	<i>Yucca elata</i> Soaptree Yucca	5 gal.	8	-



KEY MAP

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project #:
SWD026

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1" = 20'-0"

issued for:
Preliminary Plat

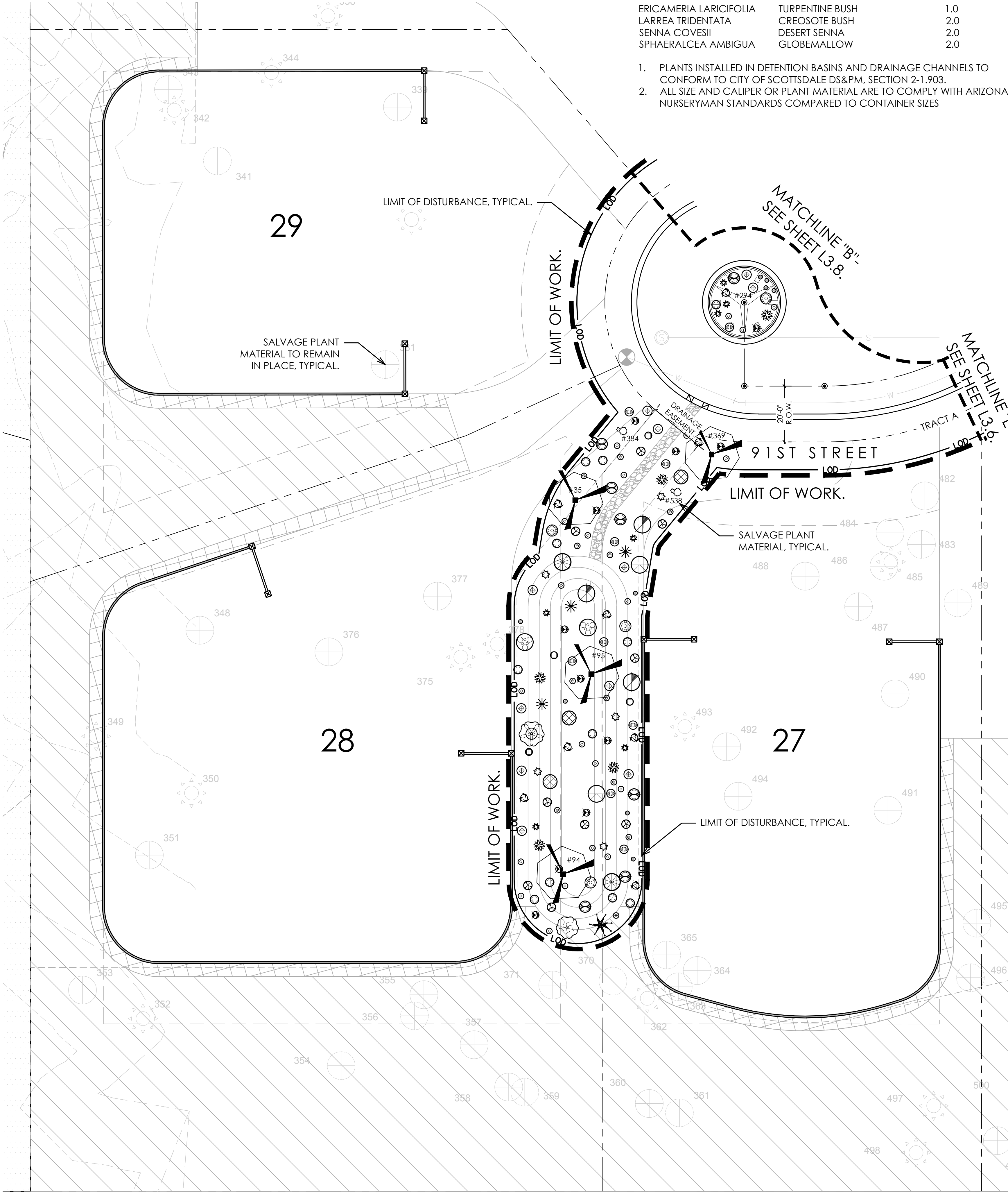
drawn by:
TEAM

date:
12/14/2020

drawing:
Planting Plan

L3.6

7 of 11



HYDROSEED MIX APPLY AT RATE 15 PLS LBS/ACRE

		PLS LBS/ACRE
AMBROSIA DELTOIDEA	TRIANGLE LEAF BURSAGE	3.0
ATRIPLEX CANESCENS	FOUR-WING SALTBUCH	3.0
ENCELIA FARINOSA	BRITTLEBUSH	2.0
ERICAMERIA LARICIFOLIA	TURPENTINE BUSH	1.0
LARREA TRIDENTATA	CREOSOTE BUSH	2.0
SENNA COVESII	DESERT SENNA	2.0
SPHAERALCEA AMBIGUA	GLOBEMALLOW	2.0

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INERTS	
Sym.	Description
	3/4" DESERT GOLD DECOMPOSED GRANITE. 2" DEPTH MINIMUM.
	RIP-RAP PER CIVIL.
N.A.O.S	
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	NAOS - UNDISTURBED AREA: EXISTING VEGETATION TO REMAIN IN PLACE.
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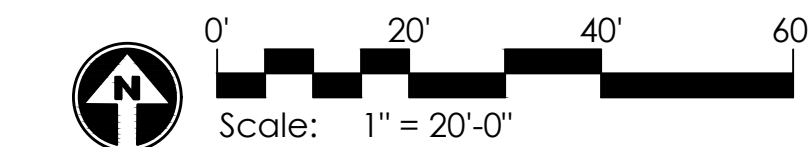
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RE-VEGETATION AND IRRIGATION METHOD:

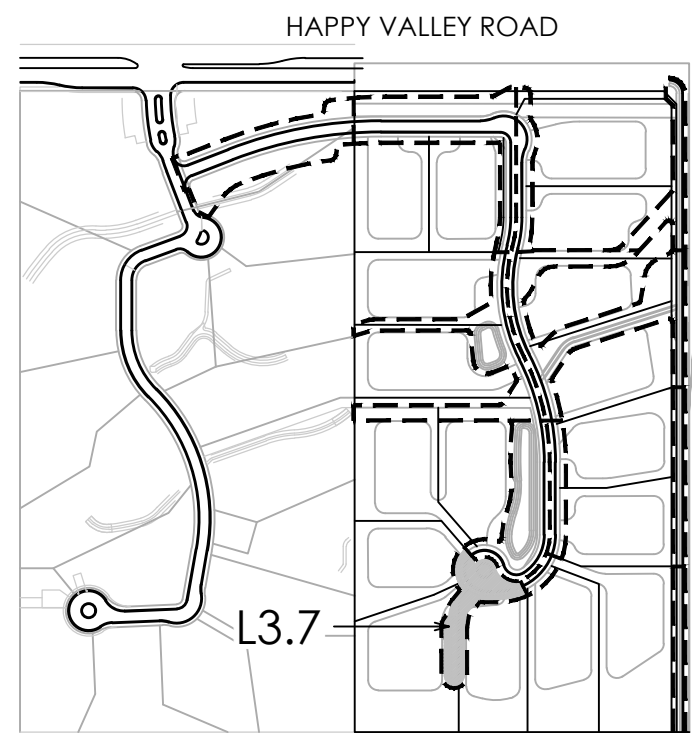
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	<i>Larrea tridentata</i> Creosote	5 gal.	31	-
	<i>Senna covesii</i> Desert Seena	5 gal.	67	-
	<i>Simmondsia chinensis</i> Jojoba	5 gal.	11	-
	<i>Sphaeralcea ambigua</i> Globe Mallow	5 gal.	148	-
Groundcovers				
	<i>Abronia villosa</i> Sand Verbena	1 gal.	122	-
	<i>Baileya multiradiata</i> Desert Marigold	1 gal.	337	-
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	<i>Viguiera deltoidea</i> Goldeneye	1 gal.	181	-
Accents Cactus				
	<i>Agave deserti</i> Desert Agave	5 gal.	43	-
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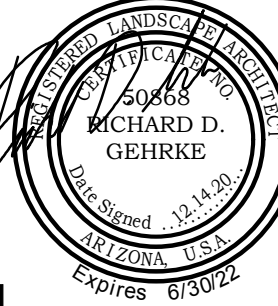
date:
12/14/2020

drawing:
Planting Plan

L3.3

L3.7

L3.7
8 of 11



Solitude
Happy Valley Road and 91st Street
Scottsdale, Arizona

HYDROSEED MIX APPLY AT RATE 15 PLS LBS/ACRE

		PLS LBS/ACRE
AMBROSIA DELTOIDEA	TRIANGLE LEAF BURSAGE	3.0
ATRIPLEX CANESCENS	FOUR-WING SALTBUCH	3.0
ENCELIA FARINOSA	BRITTLEBUSH	2.0
ERICAMERIA LARICIFOLIA	TURPENTINE BUSH	1.0
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Shrubs

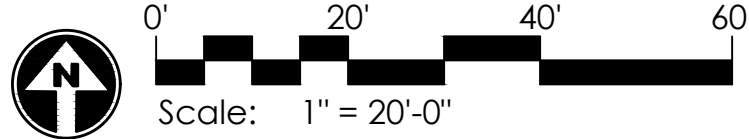
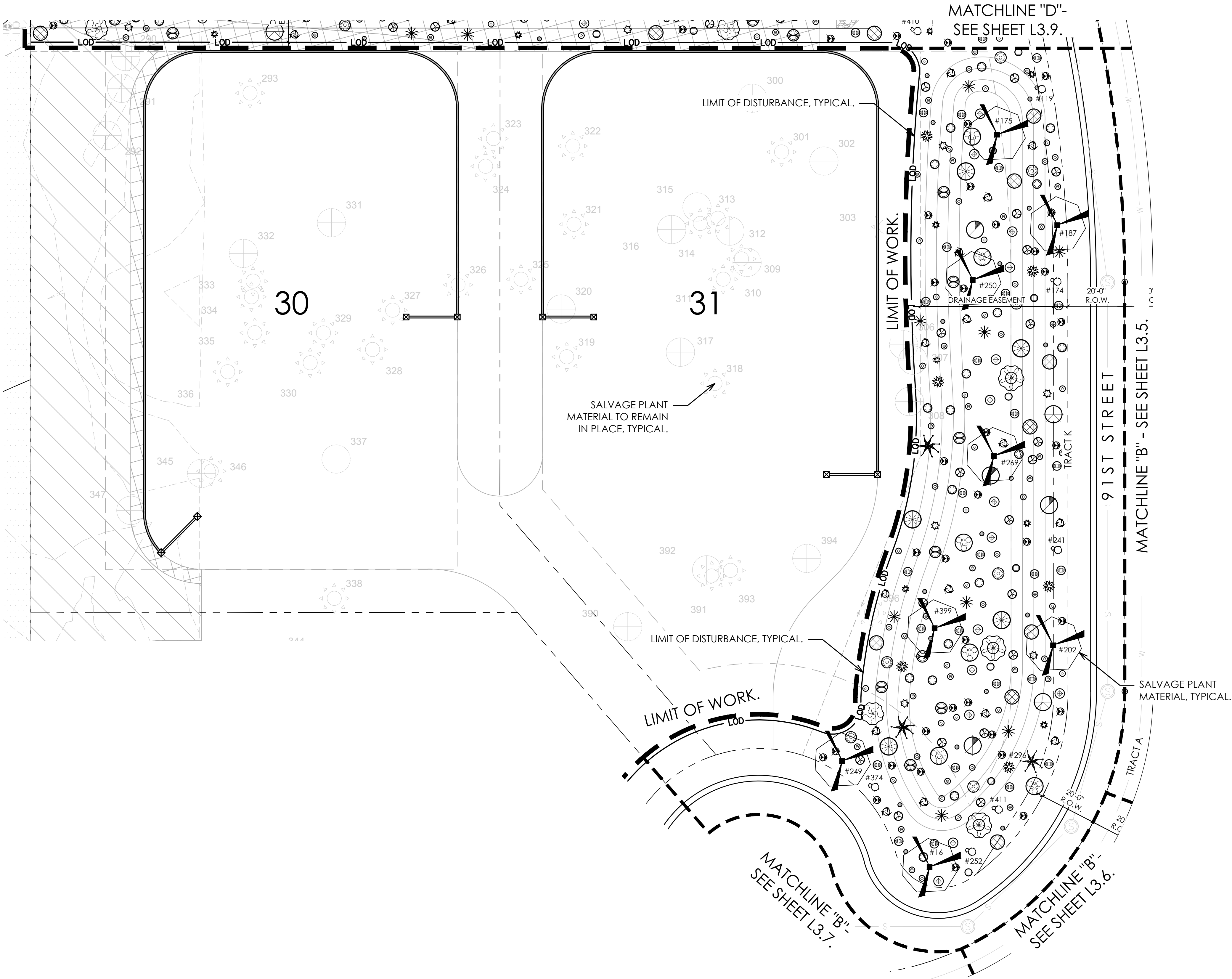
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	<i>Sphaeralcea ambigua</i> Globe Mallow	5 gal.	148	-

Groundcovers

	<i>Abronia villosa</i> Sand Verbena	1 gal.	122	-
	<i>Baileya multiradiata</i> Desert Marigold	1 gal.	337	-
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	<i>Yiguiera deltoidea</i> Goldeneye	1 gal.	181	-

Accents Cactus

	<i>Agave deserti</i> Desert Agave	5 gal.	43	-
	<i>Agave murpheyi</i> Murphy's Agave	5 gal.	59	-
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project #:
L3.3
SWD026
scale:
1" = 20'-0"
issued for:
Preliminary Plat
drawn by:
TEAM
date:
12/14/2020
drawing:
Planting Plan

L3.8
9 of 11

HYDROSEED MIX APPLY AT RATE 15 PLS LBS/ACRE

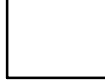
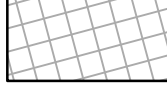
		PLS LBS/ACRE
AMBROSIA DELTOIDEA	TRIANGLE LEAF BURSAGE	3.0
ATRIPLEX CANESCENS	FOUR-WING SALTBUH	3.0
ENCELIA FARINOSA	BRITTLEBUSH	2.0
ERICAMERIA LARICIFOLIA	TURPENTINE BUSH	1.0
LARREA TRIDENTATA	CREOSOTE BUSH	2.0
SENNA COVESII	DESERT SENNA	2.0
SPHAERALCEA AMBIGUA	GLOBEMALLOW	2.0

1. PLANTS INSTALLED IN DETENTION BASINS AND DRAINAGE CHANNELS TO CONFORM TO CITY OF SCOTTSDALE DS&PM, SECTION 2-1.903.
2. ALL SIZE AND CALIPER OR PLANT MATERIAL ARE TO COMPLY WITH ARIZONA NURSERYMAN STANDARDS COMPARED TO CONTAINER SIZES

RE-VEGETATION AND IRRIGATION METHOD:

1. FOR RE-VEGETATED PORTIONS OF THE SITE, A HYDROSEED MIX WILL BE USED TO ALLOW QUICK, EFFICIENT RE-GROWTH OF PLANT MATERIAL WITHIN DISTURBED LANDSCAPE AREAS.
2. ALL RE-VEGETATED N.A.O.S. AREAS SHALL BE WATERED FOR THREE YEARS MAXIMUM.
3. CONTAINER-GROWN PLANT MATERIAL SHALL BE IRRIGATED WITH DRIP IRRIGATION
4. THE SELECTION, PLACEMENT, AND ALIGNMENT (ROTATION) OF ALL ON-SITE NURSERY SALVAGE TREES SHALL BE APPROVED BY THE OWNER OR THE LANDSCAPE ARCHITECT PRIOR TO DIGGING AND PLANTING.

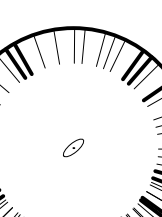
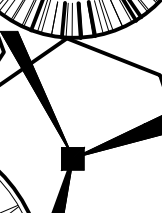
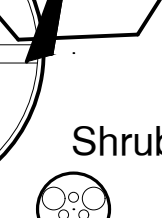
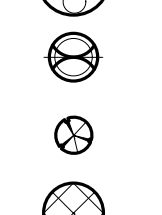
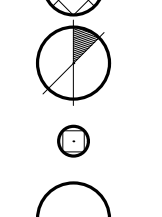
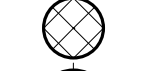
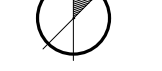
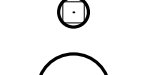
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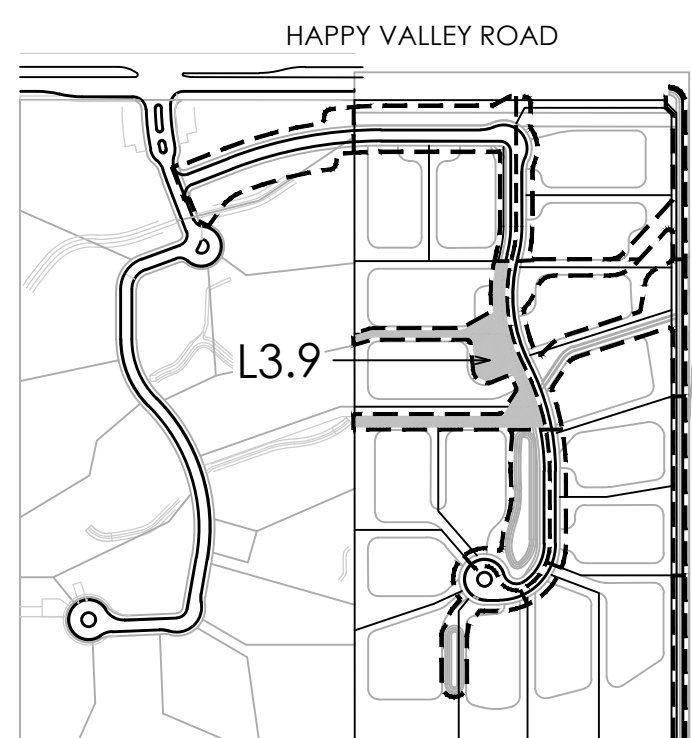
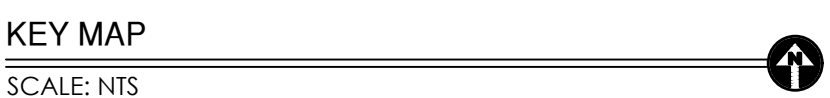
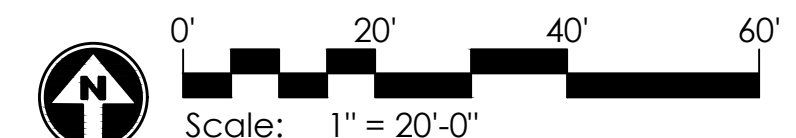
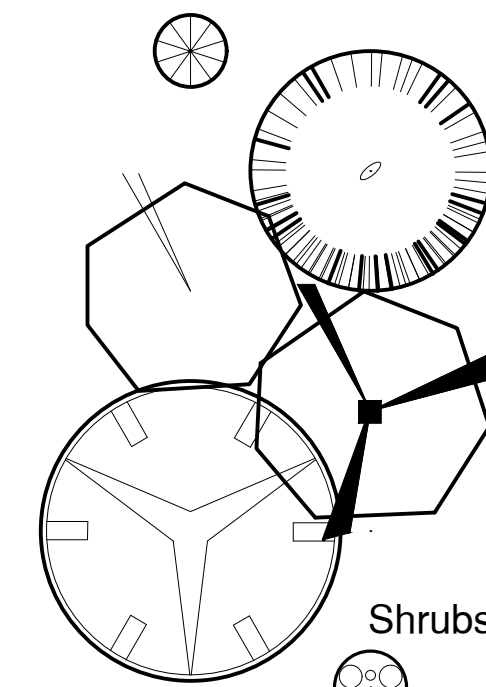
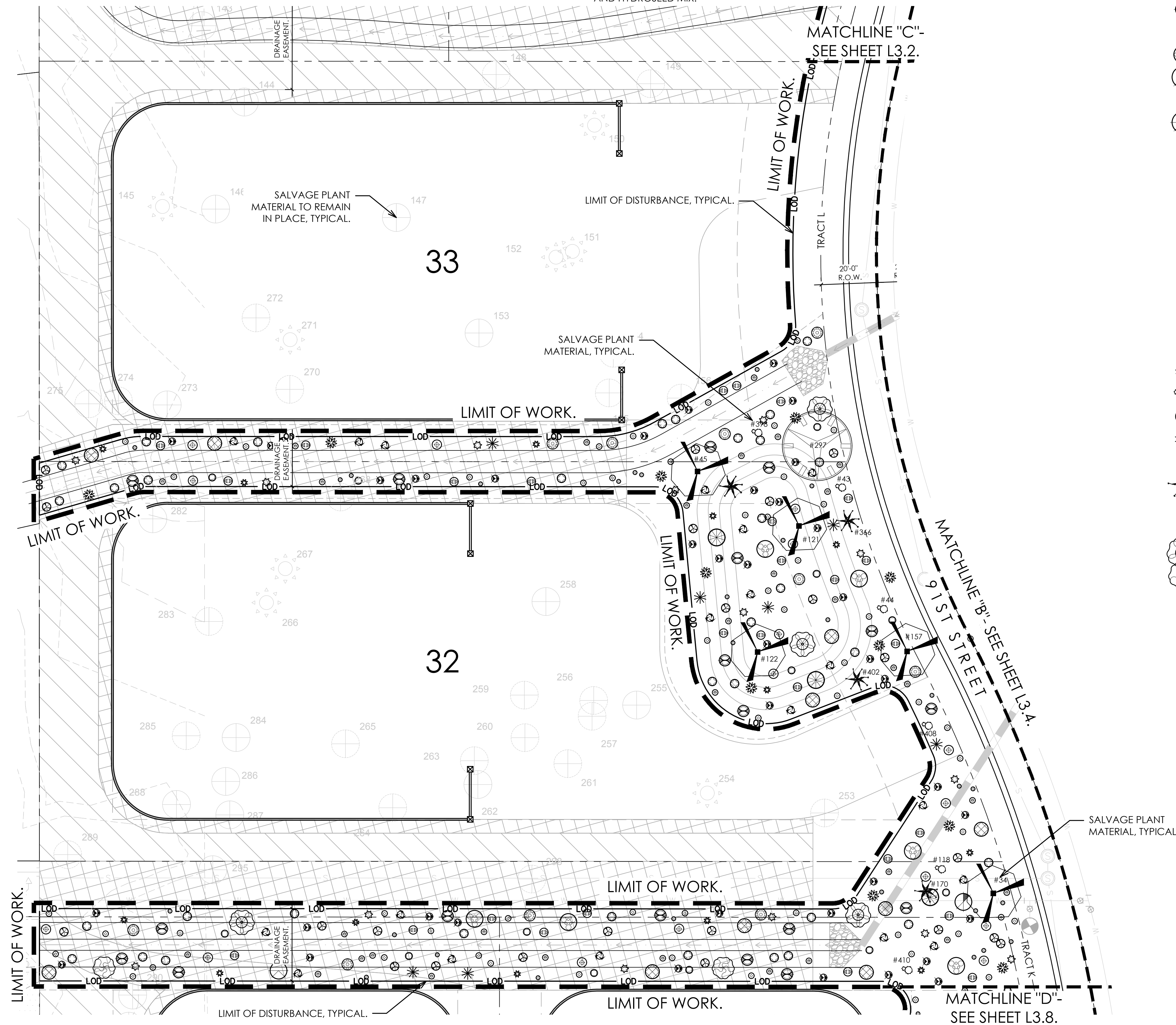
Sym.	Description
	3/4" DESERT GOLD DECOMPOSED GRANITE. 2" DEPTH MINIMUM.
	RIP-RAP PER CIVIL.
N.A.O.S	
Sym.	LEGEND Description
	NAOS - UNDISTURBED AREA: EXISTING VEGETATION TO REMAIN IN PLACE.
	NAOS - REVEGETATED AREA: TO INCLUDE A COMBINATION OF REVEGETATED PLANT MATERIAL: PLANT MATERIAL AS LISTED AND HYDROSEED MIX.
	NAOS - SCARRED AREA: TO INCLUDE A COMBINATION OF REVEGETATED PLANT MATERIAL: PLANT MATERIAL AS LISTED AND HYDROSEED MIX.

NOTES:

1. ALL PLANTS SHALL BE WATERED WITH AUTOMATIC DRIP IRRIGATION SYSTEM.
2. ALL LANDSCAPE AREAS EXCLUDING TURF TO BE COVERED WITH CRUSHED ROCK.
3. LANDSCAPE ARCHITECT TO APPROVE FINAL GRADING. PLANTING SHALL NOT OCCUR UNTIL FINAL GRADING IS APPROVED.
4. ALL SHRUBS TO BE PLANTED 3'-0" MINIMUM AWAY FROM EXISTING OR FUTURE WALLS.
5. ALL TREES TO BE PLANTED 5'-0" MINIMUM AWAY FROM EXISTING OR FUTURE WALLS.
6. WHERE POSSIBLE, ALL TREES AND SHRUBS TO BE PLANTED 2'-0" MINIMUM AWAY FROM WALKS AND CURBS.
7. PLANT MATERIAL SHALL BE ADJUSTED IN FIELD TO AVOID TREE ROOT BALLS.

PLANT MATERIALS LEGEND(PHASE 1)

Sym.	Plant Name	Size	Qty	Caliper
Trees				
	<i>Celtis pallida</i> Desert Hackberry	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	12	1.0-1.5
	<i>Chilopsis linearis</i> Desert Willow	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	6	1.0-1.5
	<i>Olney tesota</i> Ironwood	Salvaged	4	2.5-3.5
	<i>Parkinsonia microphylla</i> Foothills Palo Verde	50% 15gal/50% 24" box. Salvaged	2 46	3.0-4.0
	<i>Prosopis velutina</i> Native Mesquite	50% 15gal/ 50% 24" box. UNLESS OTHERWISE NOTED.	3 2	3.0-4.0
Shrubs				
	<i>Ambrosia ambrosiodes</i> Giant Bursage	5 gal.	33	-
	<i>Calliandra eriophylla</i> Pink Fairy Duster	5 gal.	84	-
	<i>Ericameria laricifolia</i> Turpentine Bush	5 gal.	152	-
	<i>Justicia californica</i> Chuparosa	5 gal.	43	-
	<i>Larrea tridentata</i> Creosote	5 gal.	31	-
	<i>Senna covesii</i> Desert Seena	5 gal.	67	-
	<i>Simmondsia chinensis</i> Jojoba	5 gal.	11	-
	<i>Sphaeralcea ambigua</i> Globe Mallow	5 gal.	148	-



project #: SWD026 scale: 1" = 20'-0"
issued for: Preliminary Plat
drawn by: TEAM date: 12/14/2020
drawing: Planting Plan

L3.9
0 of 11

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ENGINEER

KIMLEY-HORN & ASSOCIATES
1001 W. SOUTHERN AVE, SUITE 131
MESA, ARIZONA 85210
TELEPHONE: (480) 207-2669
CONTACT: ZACH HILL, P.E.

SURVEYOR

SURVEY INNOVATION GROUP, INC.
22425 N. 16TH ST., SUITE 1
PHOENIX, ARIZONA 85024
TELEPHONE: (480) 922-0780
CONTACT: JERRY L. DODD JR.

OWNER/DEVELOPER

SONORA WEST DEVELOPMENT INC.
8937 EAST BELL ROAD
SUITE 100
SCOTTSDALE, AZ 85260
TELEPHONE: (606) 980-1145
CONTACT: SCOTT PFEIFFER

UTILITIES

WATER CITY OF SCOTTSDALE
SEWER CITY OF SCOTTSDALE
ELECTRIC ARIZONA PUBLIC SERVICE CO
TELEPHONE CENTURYLINK
CABLE T.V. COX COMMUNICATIONS
GAS SOUTHWEST GAS

LEGAL DESCRIPTION

SOLITUDE (EAST PORTION):

A PORTION OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

HV91 (WEST PORTION):

THE WEST HALF OF THE NORTHEAST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

SITE DATA

GROSS AREA 40.03 AC±
NET AREA 37.63 AC±
TOTAL NUMBER OF LOTS 33
AVERAGE LOT AREA 1 AC±
MINIMUM LOT AREA 32,250 S.F.
DENSITY 0.825 DU/AC

LOT QUANTITIES

LOT NO.	AREA (SQ FT)
1	68215
2	52838
3	43861
4	60342
5	32968
6	32262
7	32256
8	32260
9	40536
10	33603
11	33476
12	43100
13	44635
14	33249
15	51580
16	61617
17	33443
18	33187
19	42800
20	41859
21	39793
22	43200
23	35665
24	36224
25	50678
26	43279
27	36904
28	52382
29	33235
30	38961
31	36023
32	45457
33	40720

BENCHMARK

NORTHEAST CORNER SECTION 7, FOUND 4"
MARICOPA ENGINEERING DEPARTMENT BRASS
CAP IN HANDHOLE, DOWN 0.7" AT THE
INTERSECTION OF HAPPY VALLEY ROAD AND
ALMA SCHOOL ROAD.

ELEVATION=2223.157 (NAVD 88)

BASIS OF BEARING

THE BASIS OF BEARING IS THE NORTH LINE OF THE
NORTHWEST QUARTER OF SECTION 7, T4N, R5E.
BEARING S89°58'16"E, RECORDED IN BOOK 1326,
PAGE 31, MARICOPA COUNTY RECORDS.

ZONING

R1-43 ESL AMENDED STANDARDS

BUILDING SETBACKS

FRONT: 30'
SIDE: 15'
REAR: 35'

NAOS DEDICATION

A MAJORITY OF THE AREAS OUTSIDE OF BUILDING ENVELOPES AND
ROADWAY TRACTS WILL BE DEDICATED ON THE FINAL PLAT AS
NATURAL AREA OPEN SPACE (NAOS).

REQUIRED NAOS: 11.02 AC (29%)
PROVIDED NAOS: 12.03 AC (32%)

PER LOT NAOS PROVIDED ON FINAL PLAT AND FINAL NAOS EXHIBIT,
PER LOT NAOS FOR REFERENCE ONLY. NAOS REQUIRED IS FOR
ENTIRE PROJECT NOT PER LOT BASIS.

NAOS LOCATED IN TRACTS TO BE MAINTAINED BY THE SOLITUDE
HOMEOWNERS ASSOCIATION. NAOS LOCATED ON-LOT TO BE
MAINTAINED BY INDIVIDUAL PROPERTY OWNER.

PRELIMINARY EARTHWORK (FOR NEW SOLITUDE GRADING)
PHASE 1: RAW CUT: 7,471.71 CY
PHASE 2: RAW CUT: 2,357.20 CY
RAW FILL: 9,596.87 CY RAW FILL: 29,165.96 CY

GRADING NOTES

1. **C2** & **F2** INDICATE ANTICIPATED CUT AND
FILL HEIGHTS AT THE LOCATION FROM
PROPOSED PAD ELEVATION TO EXISTING
GROUND.

FIRE DEPARTMENT NOTES

(GATE PERMITTED AND INSTALLED WITH HV91)

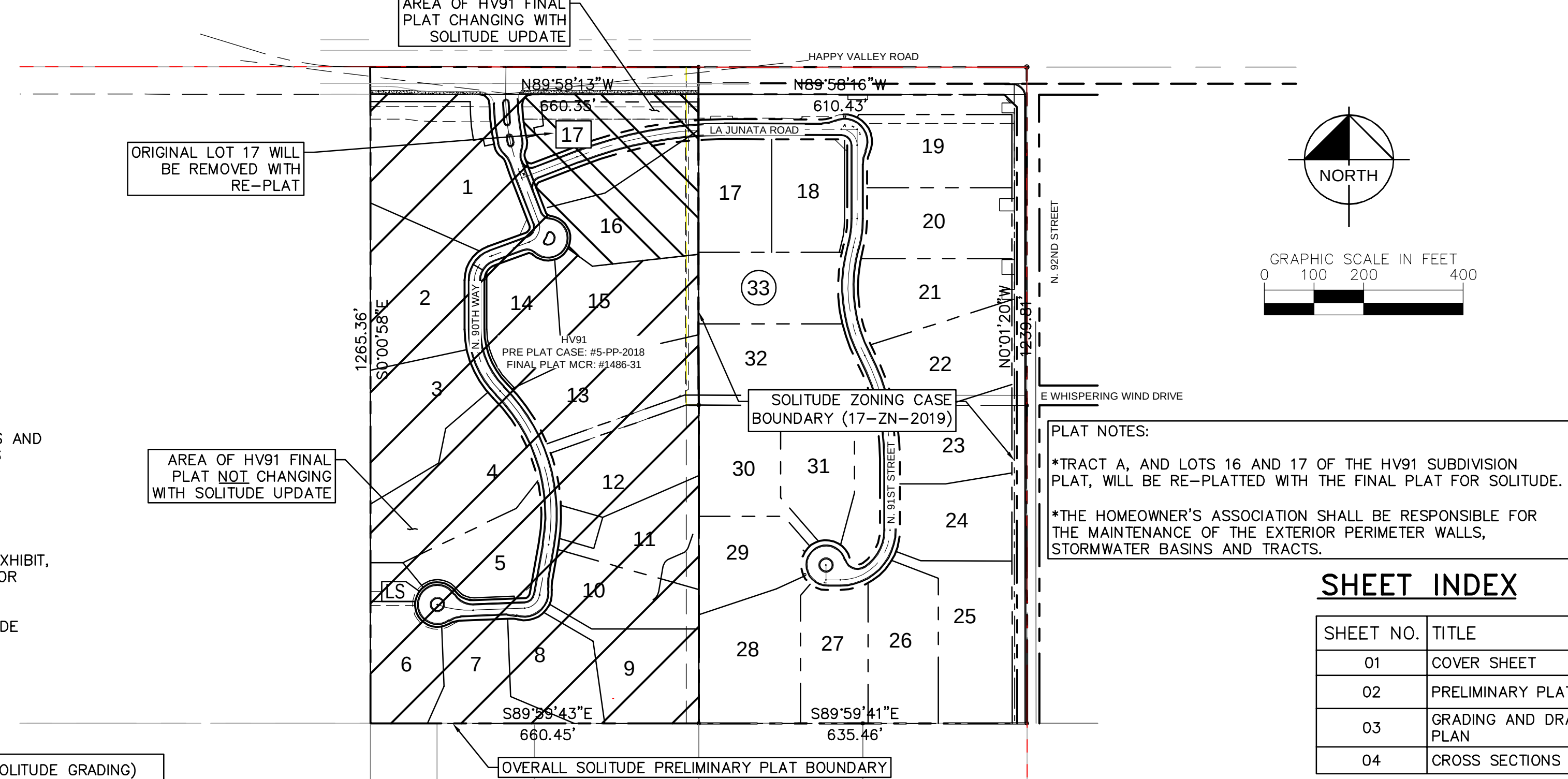
- UNOBSTRUCTED VERTICAL CLEARANCE MIN. 13'6"
- PROVIDE KNOX ENTRY ACCESS SYSTEM
 - KNOX KEY BOX
 - KNOX KEY CYLINDER
 - KNOX OVERRIDE & PRE-EMPTION STROBE SWITCH FOR AUTOMATIC GATES
- HYDRANT SPACING PER DS&PM 6-1.502.
- FIRE LANE SURFACE WILL SUPPORT 83,000 LBS. (GVW)

TRACT TABLE

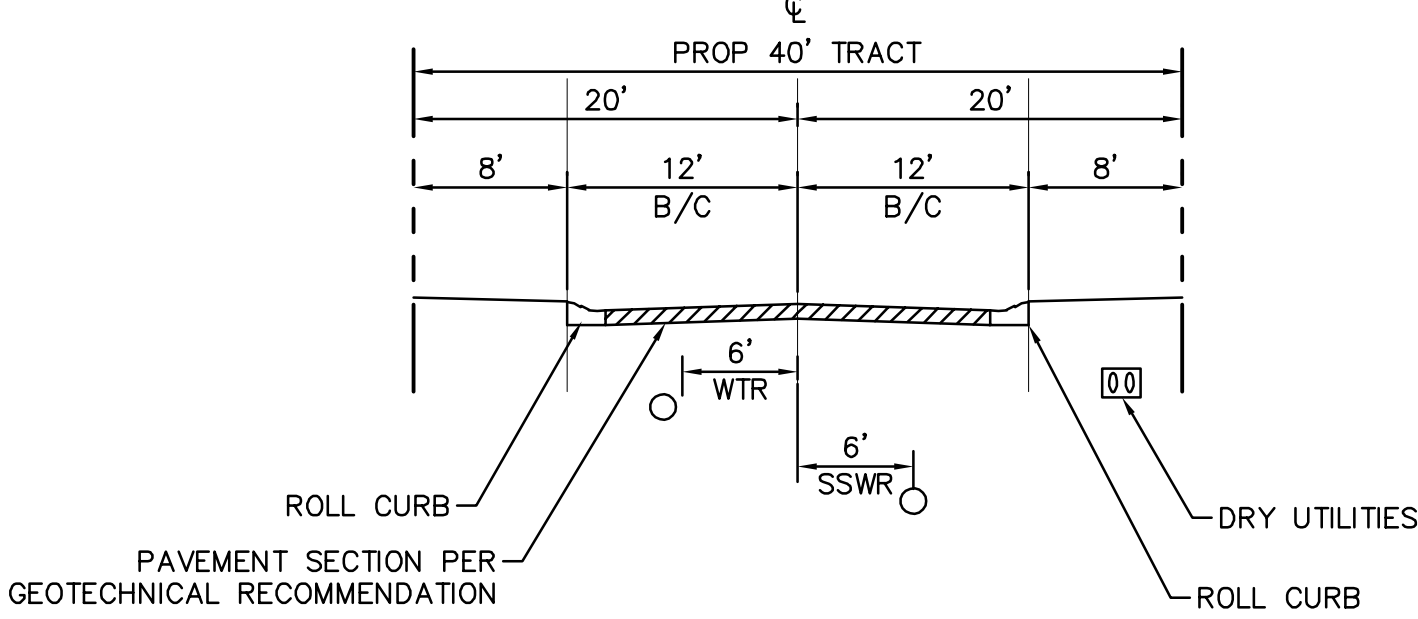
TRACT TABLE			
NAME	OWNERSHIP/MAINT.	TRACT USES	AREA (ACRES)
TRACT A	PRIVATE HOA	PRIVATE STREET/ACCESS	1.53
TRACT A (ADDITIONAL)	PRIVATE HOA	PRIVATE STREET/ACCESS EMERGENCY & SERVICE ACCESS WATER AND SEWER PUE	1.71
TRACT B	PRIVATE HOA	OPEN SPACE / SIDEWALK / TRAIL	0.15
TRACT C	PRIVATE HOA	OPEN SPACE / SIDEWALK / TRAIL	0.70
TRACT D	PRIVATE HOA	OPEN SPACE / UTILITIES / DRAINAGE	0.15
TRACT E	PRIVATE HOA	OPEN SPACE / DRAINAGE / NAOS	0.12
TRACT F	PRIVATE HOA	OPEN SPACE / DRAINAGE / NAOS	0.10
TRACT G	CITY OF SCOTTSDALE	PUBLIC LIFT STATION	0.06
TRACT H	PRIVATE HOA	OPEN SPACE	0.03
TRACT I	PRIVATE HOA	OPEN SPACE	0.02
TRACT J	PRIVATE HOA	OPEN SPACE / DRAINAGE / NAOS	0.93
TRACT K	PRIVATE HOA	OPEN SPACE / DRAINAGE / NAOS	0.55
TRACT L	PRIVATE HOA	OPEN SPACE	0.03

PRELIMINARY PLAT
AND
PRELIMINARY GRADING AND DRAINAGE
FOR
SOLITUDE

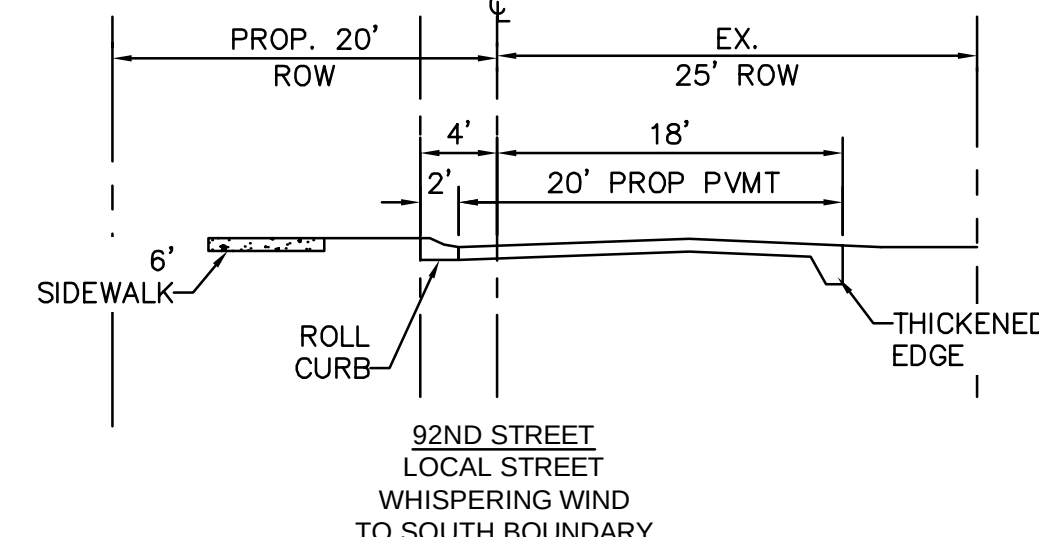
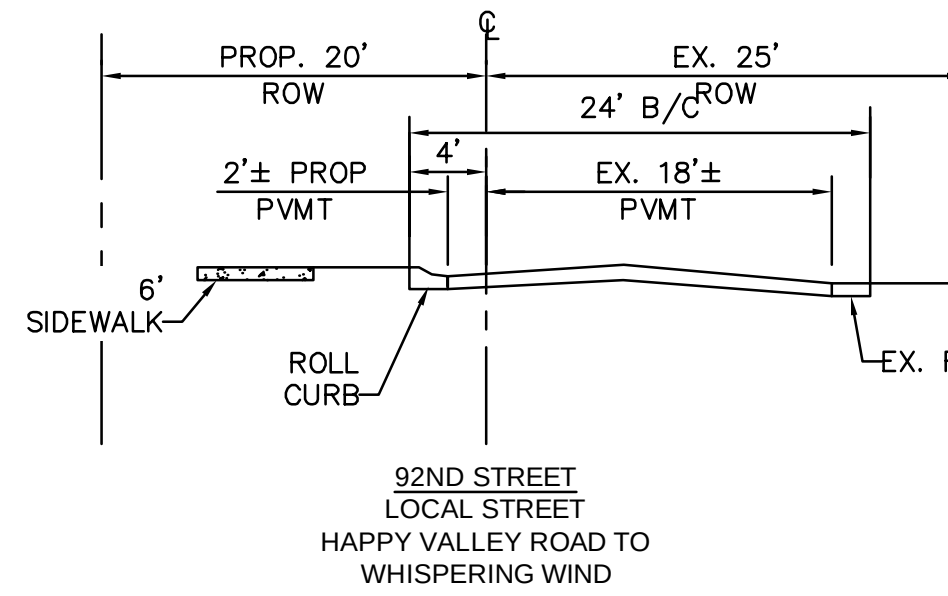
A PORTION OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 4 NORTH, RANGE 5 EAST THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.



PROJECT MAP



INTERNAL STREET SECTION
LOCAL RESIDENTIAL - RURAL/ESL CHARACTER

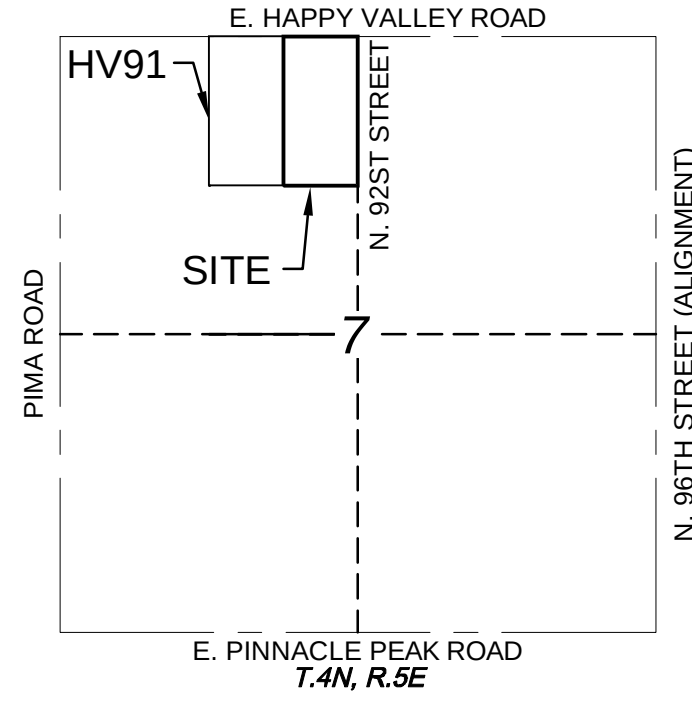


FLOOD INFORMATION

COMMUNITY NUMBER	PANEL NUMBER	SUFFIX	DATE OF FIRM	FIRM ZONE	BASE FLOOD ELEVATION
04013	1310	L	10/16/2013	X	N/A

ENGINEERS' CERTIFICATION:

THE LOWEST FLOOR ELEVATIONS AND/OR FLOOD PROOFING ELEVATIONS ON THIS PLAN ARE SUFFICIENTLY HIGH TO PROVIDE PROTECTION FROM FLOODING CAUSED BY A 100-YEAR STORM, AND ARE IN ACCORDANCE WITH SCOTTSDALE REVISED CODE, CHAPTER 37 - FLOODPLAIN AND STORMWATER REGULATIONS.



VICINITY MAP
N.T.S.

LEGEND

- PROPERTY LINE
- PROPOSED EASEMENT
- EXISTING EASEMENT
- PROPOSED WATER LINE
- PROPOSED SEWER LINE
- PROPOSED FORCEMAIN
- PROPOSED STORM DRAIN
- PROPOSED LOT LINE
- PROPOSED RIGHT-OF-WAY
- PROPOSED EDGE OF PAVEMENT
- EXISTING EDGE OF PAVEMENT
- PROPOSED CENTERLINE
- BUILDING SETBACK
- DRAINAGE SWALE
- RETAINING WALL
- 100-YEAR INUNDATION LIMITS
- PROPOSED SURVEY MONUMENT
- PROPOSED FIRE HYDRANT
- PUBLIC NON-MOTORIZED ACCESS EASEMENT
- RIGHT-OF-WAY
- BACK OF CURB
- TYPICAL
- HIGHWAY EASEMENT
- ACCESS EASEMENT
- DRAINAGE EASEMENT
- EXISTING CENTERLINE
- PROPERTY LINE
- HOMEOWNERS ASSOCIATION
- WATER AND SEWER FACILITIES EASEMENT
- REAR YARD SETBACK
- SIDE YARD SETBACK
- FRONT YARD SETBACK
- CUBIC FEET PER SECOND
- TO BE ABANDONED
- SIGHT VISIBILITY TRIANGLE
- DESERT SCENIC ROADWAY EASEMENT
- TO BE ABANDONED
- VEHICULAR NON-ACCESS EASEMENT
- PEDESTRIAN AND VEHICULAR ACCESS EASEMENT
- PAVEMENT SPOT ELEVATION AT FINISHED GRADE
- FLOW LINE
- EXISTING GRADE
- SLOPE AT FINISHED GRADE
- PROPOSED LOT NUMBERS
- LAST LOT IDENTIFIER
- CROSS SECTION ID
- PEAK FLOWS:
27 - POST DEVELOPMENT
(30) - PRE DEVELOPMENT
- FILL AREA GREATER THAN 6' (AND LESS THAN 8')
- CUT AREA GREATER THAN 6' (AND LESS THAN 8')
- APPROX. LIMITS OF 100 YEAR INUNDATION
- PAD CONSTRUCTION ENVELOPE

Kimley»Horn

SCALE (H): 1"=60'
SCALE (V): NONE
DESIGNED BY: ZJH
DRAWN BY: TAF
CHECKED BY: JMB
DATE: AUG 2020

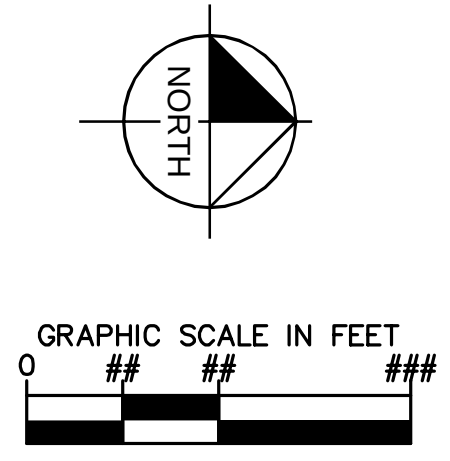
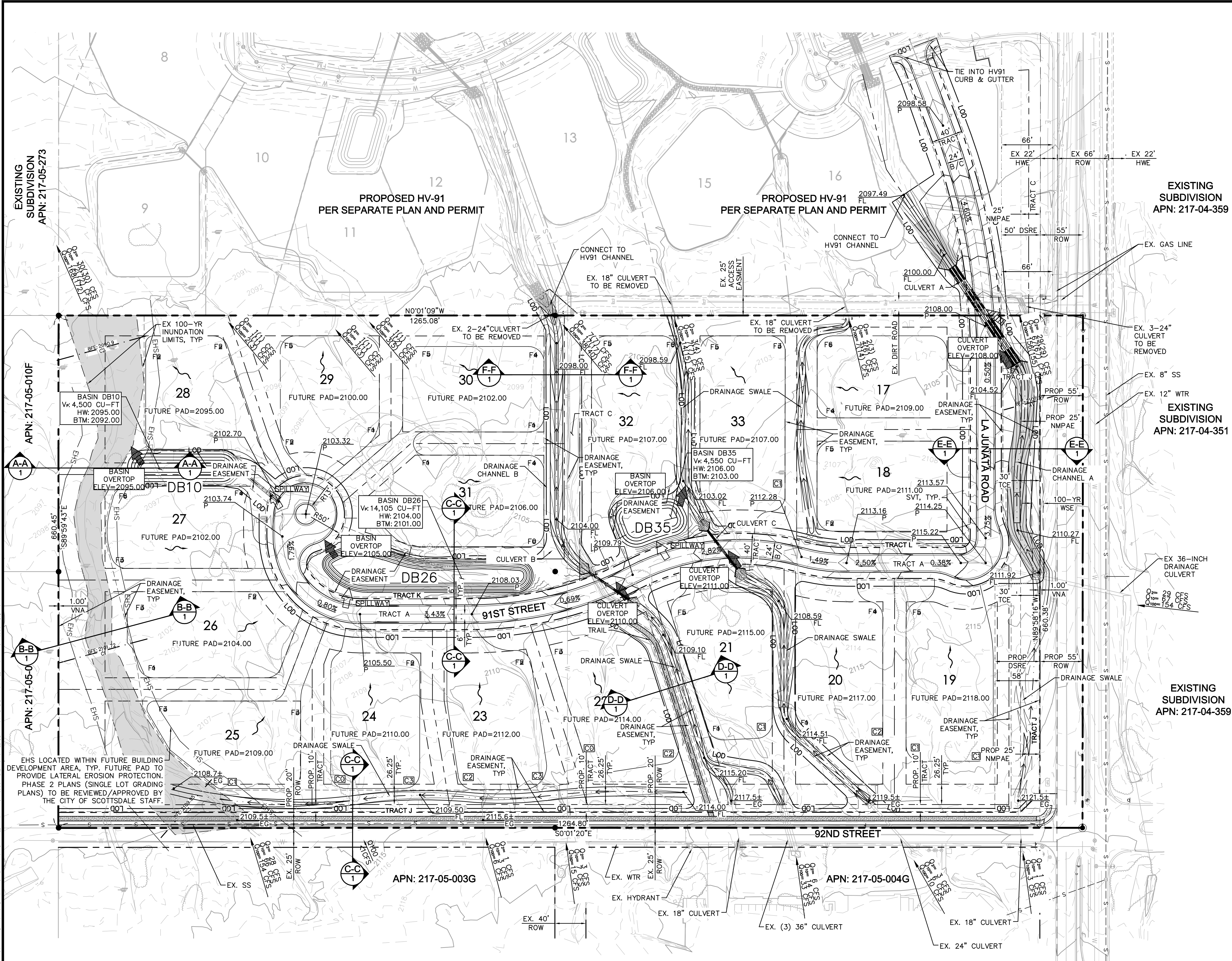
SOLITUDE
PRELIMINARY PLAT
COVER SHEET
SCOTTSDALE, ARIZONA

Professional Engineer
CERTIFICATE NO. 63454
ZACHARY J. HILL
Expires: 08/31/25
ARIZONA, U.S.A.
1001 WEST SOUTHERN AVE, SUITE 131
MESA, ARIZONA 85210 (480) 207-2666

PROJECT NO.
291203001
DRAWING NAME
03001CV

01 of 04

K:\EAV_Civil\291203001 - HV92 CAD\001\Pre\HV92\03001GD-PLAN.dwg Dec 15, 2020 zach.hill
XREFS: X30000m-PP X30001p X30000ms X30001m-HV92 X3001ms X30001m-HV92 X3001ms X30001m-HV92 X3001ms X30001m-HV92
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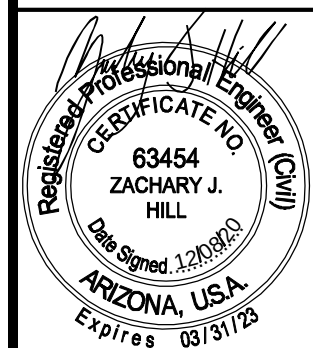


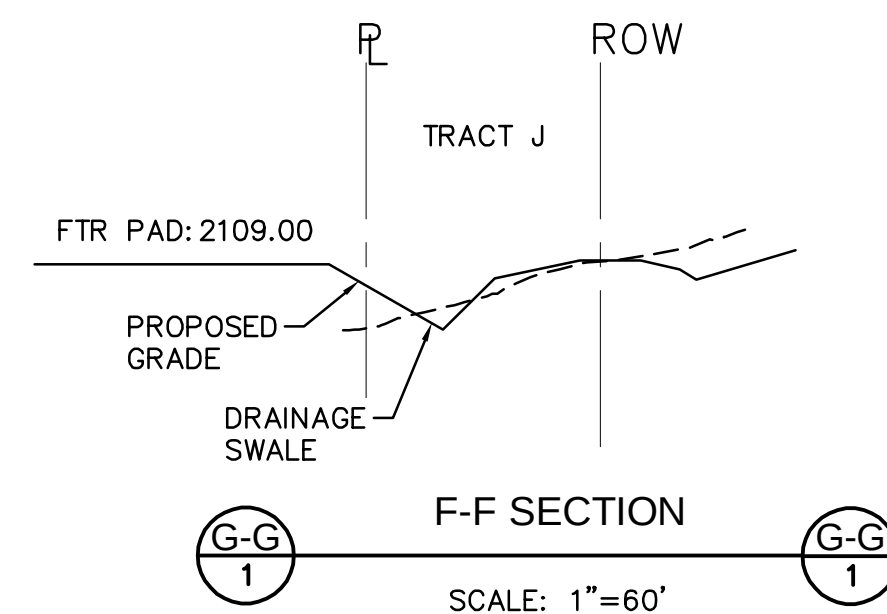
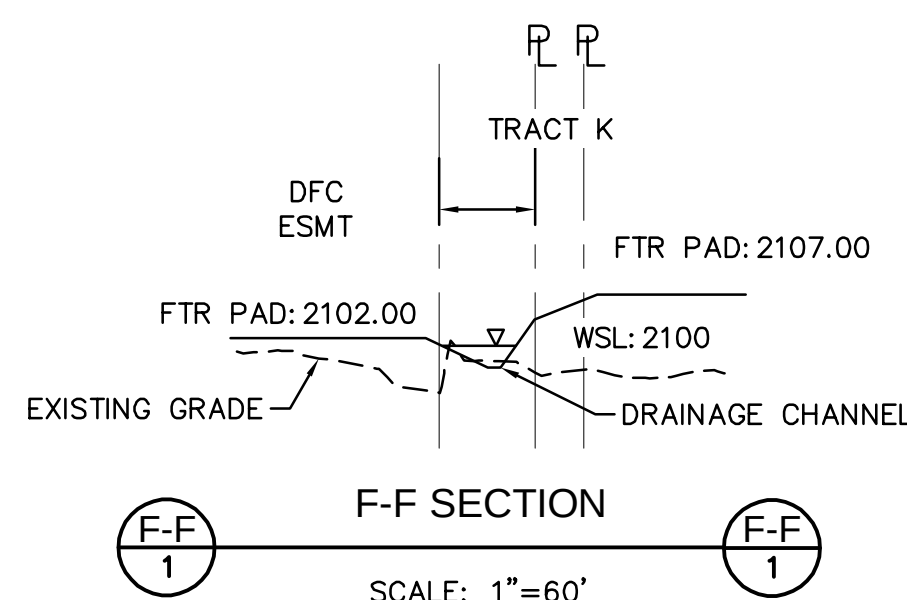
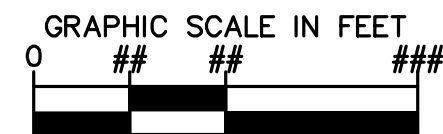
LEGEND

$Q_{100} = 2(3) \text{ CFS}$
 $Q_{100} = 4(6) \text{ CFS}$
 $Q_{100} = 7(14) \text{ CFS}$

PEAK FLOW
2 CFS = PROP CONDITION
(3) CFS = EX CONDITION

Kimley»Horn	
© 2020 KIMLEY-HORN AND ASSOCIATES, INC. 1001 WEST SOUTHERN AVE, SUITE 131 MESA, ARIZONA 85210 (480) 207-2666	
SCALE (H): 1"=60'	SCALE (V): NONE
DESIGNED BY: ZJH	CHECKED BY: JMB
DATE: APR 2020	
SOLITUDE GRADING AND DRAINAGE PLAN, ARIZONA SCOTTSDALE, ARIZONA	
PROJECT NO. 291203001	
DRAWING NAME 03001GD-PLAN	
03 OF 04	
REVISION NO. BY DATE APPR.	





PROJECT NO.	291203001
DRAWING NAME	03001GD

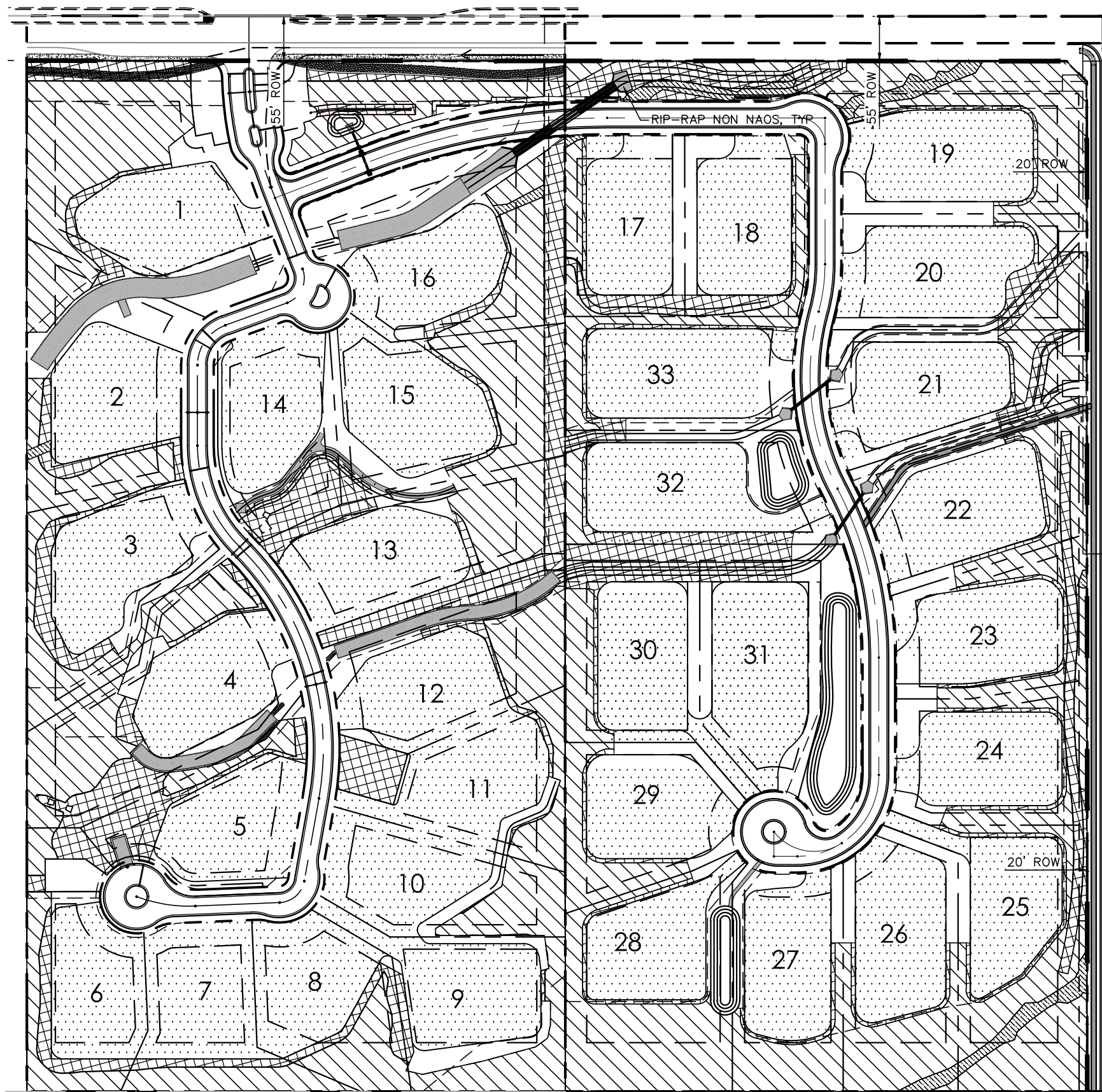
04 OF 04

Kimley»»Horn

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1001 WEST SOUTHERN AVE, SUITE 131
MESA, ARIZONA 85210 (480) 207-2666

SCALE (H): 1"=60'
SCALE (V): NONE
DESIGNED BY: ZJH
DRAWN BY: TAF
CHECKED BY: JMB
DATE: APR 2020

SOLITUDE
PRELIMINARY PLAT
CROSS SECTIONS
SCOTTSDALE, ARIZONA



NATURAL AREA OPEN SPACE (NAOS)/OPEN SPACE CALCULATIONS

	HV91	SOLITUDE	
GROSS SITE AREA:	20.02 ACRES	20.01 ACRES	
NET SITE AREA:	19.18 ACRES	18.47 ACRES	
N.A.O.S. REQ. PER SOLITUDE SLOPE ANALYSIS:	5.43 ACRES	5.00 ACRES	
N.A.O.S. REQ PER STIPULATIONS:	6.04 ACRES	5.99 ACRES	
MIN. REQ. UNDISTURBED AREA: (70% OF REQ. N.A.O.S. PER SLOPE)	3.80 ACRES	3.50 ACRES	
MAX REVEGETATED AREA: (30% OF REQ. N.A.O.S. PER SLOPE)	1.63 ACRES	1.50 ACRES	
N.A.O.S. PROVIDED-UNDISTURBED:	4.32 ACRES (187,968 S.F.)	4.00 ACRES (174,099 S.F.)	
N.A.O.S. PROVIDED SCARRED-2X:	0.09 ACRES (3,864 S.F.)	0.49 ACRES (21,497 S.F.)	
N.A.O.S. PROVIDED-REVEGETATED:	1.63 ACRES (71,154 S.F.)	1.50 ACRES (65,350 S.F.)	

OVERALL SOLITUDE DATA
TOTAL
40.03 ACRES
37.65 ACRES
10.43 ACRES
12.03 ACRES *
7.30 ACRES
3.13 ACRES
8.32 ACRES (362,067 S.F.)
0.58 ACRES (25,361 S.F.)
3.13 ACRES (136,504 S.F.)
12.03 ACRES (523,932 S.F.)

- NOTES
- * 31.9% OF NET AREA, A 15+% INCREASE OVER BASE REQUIREMENT
 - 1. ALL CONTIGUOUS N.A.O.S. AREAS TO BE A MINIMUM 30' (20' ADJ. TO ROW) & 4,000 SQUARE FEET IN AREA.
 - 2. NAOS AREAS LISTED ARE PRELIMINARY AND MAY BE SHIFTED BETWEEN LOTS PRIOR TO FINAL PLAN APPROVAL SO LONG AS THE TOTAL NAOS DEDICAIONS REMAIN THE SAME.
 - 3. NAOS LOCATED IN TRACTS TO BE MAINTAINED BY SOLITUDE HOMEOWNERS ASSOCIATION. NAOS LOCATED ON-LOT TO BE MAINTAINED BY INDIVIDUAL PROPERTY OWNER.

SOLITUDE PHASE 1 (HV91) NAOS SUMMARY*				
LOT #	UNDISTURBED NAOS	REVEGETATED NAOS	SCARRED NAOS (X2)	TOTAL NAOS
1	27,429	4,646	-	32,075
2	15,704	3,497	1,406	20,607
3	11,037	5,390	-	16,427
4	20,512	8,439	-	28,951
5	2,773	6,670	-	9,443
6	6,904	4,204	-	11,108
7	7,559	2,000	-	9,559
8	8,691	3,156	-	11,847
9	10,499	1,260	-	11,759
10	9,494	65	-	9,559
11	6,811	914	-	7,725
12	9,600	2,989	-	12,589
13	11,688	3,704	-	15,392
14	-	6,484	-	6,484
15	14,466	1,383	-	15,849
16	11,365	1,815	2,458	15,638
OFF-LOT	13,436	14,538	-	27,974
TOTAL (SF)	187,968	71,154	3,864	262,986
TOTAL (AC)	4.32	1.63	0.09	6.04

SOLITUDE PHASE 2 NAOS SUMMARY*				
LOT #	UNDISTURBED NAOS	REVEGETATED NAOS	SCARRED NAOS (X2)	TOTAL NAOS
17	5,184	3,796	452	9,432
18	3,616	2,885		6,501
19	11,568	1,839	2,514	15,921
20	6,151	4,342		10,493
21	4,417	3,250		7,667
22	8,076	3,156		11,232
23	6,566	4,073	14	10,653
24	6,921	3,902		10,823
25	21,320	4,021	5,542	30,883
26	13,149	1,160	2,082	16,391
27	9,994	1,124		11,118
28	25,493	1,973		27,466
29	9,127	1,316		10,443
30	7,472	5,226		12,698
31		2,948		2,948
32	5,551	2,906		8,457
33	5,999	2,554		8,553
OFF-LOT	23,495	14,879	10,893	49,267
TOTAL (SF)	174,099	65,350	21,497	260,946
TOTAL (AC)	4.00	1.50	0.49	5.99

*NAOS AREAS LISTED IN TABLES ABOVE ARE PRELIMINARY AND MAY BE SHIFTED BETWEEN LOTS PRIOR TO FINAL PLAN APPROVAL SO LONG AS THE TOTAL NAOS DEDICATIONS REMAIN THE SAME.

LEGEND

--- SITE BOUNDARY

--- NET SITE BOUNDARY

NAOS UNDISTURBED

NAOS REVEGETATED

NAOS SCARRED

DEVELOPMENT ENVELOPE

ENHANCED DESERT LANDSCAPE
(TO MATCH NAOS CHARACTER)