

PAVING QUANTITIES (ESTIMATED)

2" G.S.A. OVER 12" COMPACTED SUBGRADE	23,996 SY
2" G.S.A. OVER 6" A.B.C. OVER 12" COMPACTED SUBGRADE	5,700 SY
3" A.C. OVER 6" A.B.C. HOT MIX ASPHALT	32 SY
4" A.B.C OVER 12" COMPACTED SUBGRADE	258 SY
SAWCUT, REMOVE & REPLACE EXISTING PAVEMENT	14 SY
SAWCUT & REMOVE EXISTING CURB & GUTTER	54 LF
SAWCUT & REMOVE VERTICAL CURB AT GUTTER LINE	66 LF

PARKING QUANTITIES (PROVIDED)

STANDARD 9'X18' PARKING STALL	903 EA
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CITY OF SCOTTSDALE NOTES

GENERAL CONSTRUCTION NOTES FOR CAPITAL PROJECTS

- ALL IMPROVEMENT CONSTRUCTION SHALL COMPLY WITH THE 2020 MARICOPA COUNTY ASSOCIATION OF GOVERNMENTS STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION AS AMENDED BY THE LATEST VERSION OF THE CITY OF SCOTTSDALE SUPPLEMENTAL STANDARD SPECIFICATIONS AND DETAILS AND CITY OF SCOTTSDALE'S DESIGN STANDARDS & POLICIES MANUAL (DS&PM). IF THERE IS A CONFLICT, THE LATTER SHALL APPLY. ALL FACILITIES CONSTRUCTION SHALL COMPLY WITH THE LATEST BUILDING CODES AS AMENDED AND ADOPTED BY THE CITY OF SCOTTSDALE.
- THE ENGINEERING DESIGNS ON THESE PLANS ARE APPROVED BY THE CITY IN SCOPE AND NOT IN DETAIL. IF CONSTRUCTION QUANTITIES ARE SHOWN ON THESE PLANS, THEY ARE NOT VERIFIED BY THE CITY.
- BASED ON THE INFORMATION SUBMITTED ON THE PLANS AND ASSOCIATED DOCUMENTS, THE CITY HAS REVIEWED AND FOUND THEM TO BE IN ACCORDANCE WITH THE SCOTTSDALE REVISED CODE AND ARE ACCEPTABLE FOR PERMIT ISSUANCE. THIS ACCEPTANCE BY THE CITY DOES NOT AUTHORIZE VIOLATIONS OF ANY APPLICABLE CODE, ORDINANCE OR STANDARD AS ADOPTED BY THE SCOTTSDALE REVISED CODE.
- APPROVAL OF THE PLANS BY THE CITY IS VALID FOR SIX MONTHS. IF A PERMIT FOR THE CONSTRUCTION HAS NOT BEEN ISSUED WITHIN SIX MONTHS OF REVIEW, THE PLANS SHALL BE RESUBMITTED TO THE CITY FOR REAPPROVAL.
- ANY DEVIATION FROM THE APPROVED PLANS SHALL BE REVIEWED AND APPROVED BY THE CITY PRIOR TO THAT CHANGE BEING INCORPORATED INTO THE PROJECT.
- A CITY CAPITAL PROJECTS INSPECTOR WILL INSPECT ALL WORK WITHIN THE CITY RIGHTS-OF-WAY, EASEMENTS AND FACILITIES.
- ANY SPECIAL INSPECTION REQUIRED SHALL BE IN ADDITION TO ANY ROUTINE INSPECTION BY THE CITY.
- CITY ENCROACHMENT AND BUILDING PERMITS ARE REQUIRED FOR WORK IN PUBLIC RIGHTS-OF-WAY, EASEMENTS GRANTED FOR PUBLIC PURPOSES AND FACILITIES. PERMITS WILL BE ISSUED BY THE CITY THROUGH THE CITY'S ONE STOP SHOP. COPIES OF ALL PERMITS SHALL BE RETAINED ON-SITE AND SHALL BE AVAILABLE FOR INSPECTION AT ALL TIMES. FAILURE TO PRODUCE THE REQUIRED PERMITS WILL RESULT IN IMMEDIATE WORK STOPPAGE UNTIL THE PROPER PERMIT DOCUMENTATION IS OBTAINED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR SALVAGING PROTECTED NATIVE PLANTS PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR SHALL CONTACT AZ 811 TWO FULL WORKING DAYS PRIOR TO BEGINNING EXCAVATION.
- ALL EXCAVATION AND GRADING WHICH IS NOT IN PUBLIC RIGHTS-OF-WAY OR IN EASEMENTS GRANTED FOR PUBLIC PURPOSES MUST CONFORM TO SECTION 1803 AND APPENDIX J OF THE LATEST INTERNATIONAL CODE COUNCIL AS ADOPTED AND AMENDED BY THE CITY OF SCOTTSDALE. A PERMIT FOR THIS GRADING MUST BE SECURED FROM THE CITY.
- THRUST RESTRAINT, WHERE REQUIRED, ON ALL CITY WATER LINES SHALL BE PROVIDED USING MEGALUG MECHANICAL JOINT RESTRAINTS OR CITY-APPROVED EQUAL.
- ANY ASPHALT MIX DESIGN USED ON CITY PROJECTS SHALL HAVE BEEN APPROVED FOR THAT USE PER SECTION 5-10 OF THE CITY'S DS&PM AND APPEAR ON THE "APPROVED LIST OF ASPHALT MIXES" AS DISTRIBUTED BY THE EAST VALLEY ASPHALT COMMITTEE (EVAC).
- THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND REPLACE, AT NO ADDITIONAL COST TO THE CITY, ANY AND ALL PAVEMENT, SIDEWALK, CURB AND GUTTER, DRAINAGE STRUCTURES, ETC. OUTSIDE THE PAY LIMIT THAT ARE DAMAGED DUE TO THEIR ACTIVITIES ON THE PROJECT. THIS INCLUDES, BUT IS NOT LIMITED TO, THE REMOVAL AND REPLACEMENT OF NEWLY CRACKED ROADWAY INFRASTRUCTURE, THE REMOVAL AND REPLACEMENT OF EXISTING CRACKED ROADWAY INFRASTRUCTURE WHERE THE CRACKS HAVE BEEN ENLARGED DUE TO THE CONTRACTOR'S OPERATIONS, THE REMOVAL AND REPLACEMENT OF DEFORMED ROADWAY INFRASTRUCTURE. ALL SAWCUTS USED FOR THE REMOVAL OF THESE ITEMS SHALL BE PERPENDICULAR AND PARALLEL TO THE CENTERLINE CONTROLLING THAT ITEM, OR AT THE DIRECTION OF THE CITY'S CAPITAL PROJECTS INSPECTOR.
- ALL CAPITAL IMPROVEMENT PROJECTS SHALL MEET THE PROCEDURES AND STANDARDS FOR THE USE OF TEMPORARY/SECURITY FENCING AROUND THE PERIMETER OF CONSTRUCTION SITES, AS DEFINED IN THE CITY'S ZONING ORDINANCE, ARTICLE VII, SECTION 7.700.

GENERAL NOTES FOR PUBLIC WORKS CONSTRUCTION

- ALL CONSTRUCTION IN THE PUBLIC RIGHTS-OF-WAY OR IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO THE LATEST MAG UNIFORM STANDARD SPECIFICATIONS AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION AS AMENDED BY THE LATEST VERSION OF THE CITY OF SCOTTSDALE SUPPLEMENTAL STANDARD SPECIFICATIONS AND SUPPLEMENTAL STANDARD DETAILS. IF THERE IS A CONFLICT, THE CITY'S SUPPLEMENTAL STANDARD DETAILS WILL GOVERN.
- THE CITY ONLY APPROVES THE SCOPE, NOT THE DETAIL, OF ENGINEERING DESIGNS; THEREFORE, IF CONSTRUCTION QUANTITIES ARE SHOWN ON THESE PLANS, THEY ARE NOT VERIFIED BY THE CITY.
- THE APPROVAL OF PLANS IS VALID FOR SIX (6) MONTHS. IF A RIGHT-OF-WAY PERMIT FOR THE CONSTRUCTION HAS NOT BEEN ISSUED WITHIN THIS TIME FRAME, THE PLANS MUST BE RESUBMITTED TO THE CITY FOR REAPPROVAL.
- A CITY INSPECTOR WILL INSPECT ALL WORKS WITHIN THE CITY OF SCOTTSDALE. NOTIFY INSPECTION SERVICES 72 HOURS BEFORE BEGINNING WORK.
- WHENEVER EXCAVATION IS NECESSARY, CALL THE BLUE STAKE CENTER, 811, TWO WORKING DAYS BEFORE EXCAVATION BEGINS.
- PERMISSION TO WORK IN THE RIGHT-OF-WAY (PWR) PERMITS ARE REQUIRED FOR ALL WORKS WITHIN THE RIGHTS-OF-WAY AND EASEMENTS GRANTED FOR PUBLIC PURPOSES. COPIES OF ALL PERMITS MUST BE RETAINED ON-SITE AND BE AVAILABLE FOR INSPECTION AT ALL TIMES. FAILURE TO PRODUCE THE REQUIRED PERMITS WILL RESULT IN IMMEDIATE SUSPENSION OF ALL WORK UNTIL THE PROPER PERMIT DOCUMENTATION IS OBTAINED.

FIRE NOTE:

- ALL PRIVATE STREETS AND DRIVES SHALL CONFORM TO THE FIRE DEPARTMENT GUIDELINES FOR EMERGENCY VEHICLE ACCESS.

EXISTING SURVEY

SECTION LINE

RIGHT OF WAY

PROPERTY LINE

ROAD CENTERLINE

EASEMENT

SURVEY MARKER

UG ELECTRIC (BURIED CABLE)

UG ELECTRIC (CONDUIT)

UG ELECTRIC (DUCT BANK)

OVERHEAD ELECTRIC

OVERHEAD TELEPHONE

UG TELEPHONE

CABLE TELEVISION

OVERHEAD CABLE TELEVISION

TELEPHONE DUCT BANK

BARBED WIRE FENCE

CHAIN LINK FENCE

WOOD FENCE

BLOCK WALL

4"G (MATERIAL)

8"S (MATERIAL)

4"IRR (MATERIAL)

8"W (MATERIAL)

SIDEWALK

MAJOR CONTOUR

MINOR CONTOUR

VEGETATION

BUILDING

SEWER MANHOLE

STORM DRAIN MANHOLE

TELEPHONE MANHOLE

SPOT ELEVATION

SIGN

JUNCTION BOX/RISER

FIRE HYDRANT

WATER VALVE

STREET/PARKING LIGHT

UTILITY POLE

CATCH BASIN

PROPOSED GRADING, DRAINAGE & PAVING

1300

1299

C 0.00

P 0.00

1.0%

GB

RIDGE

TW 0.00

TF 0.00

OUTFALL ELEVATION EL:XX.XX

MAJOR CONTOUR

MINOR CONTOUR

SPOT ELEVATIONS

STORM DRAIN PIPE

STORM DRAIN CATCH BASIN

SLOPE ARROW

GRADE BREAK/RIDGE

RIP RAP

WALL ELEVATION

ROOF DRAIN/DRAIN ARROW

DRYWELL

SITE ULTIMATE OUTFALL LOCATION & ELEVATION

WALL

CONCRETE SIDEWALK

CONCRETE PAVEMENT

HEAVY DUTY A.B.C. PAVEMENT

STREET/PARKING LIGHT

ADA PARKING SYMBOL

PROPOSED WATER & SEWER

WATER LINE

WATER LINE FITTINGS

BACKFLOW PREVENTION DEVICE

WATER VALVE

FIRE DEPARTMENT CONNECTION

FIRE HYDRANT

WATER METER

PLUG

REDUCER

TAPPING SLEEVE & VALVE

CURB STOP

PRESSURE RELEASE VALVE

AIR/VACUUM RELEASE VALVE

SEWER LINE

SEWER MANHOLE

CLEANOUT

INDEX MAP LEGEND

CX

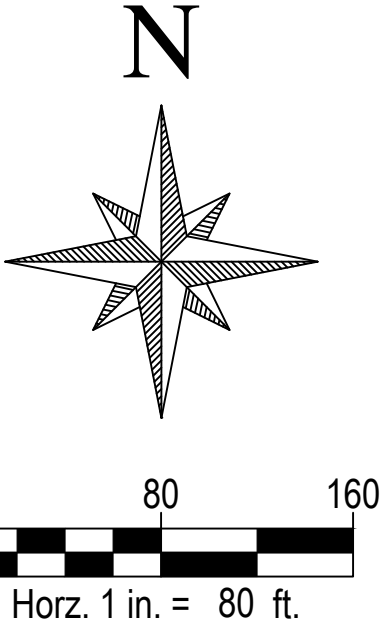
GRADING & DRAINAGE

CX

PAVING

CX

STORM MANAGEMENT PLAN



ABBREVIATIONS

BB	BOTTOM OF BANK
C	CONCRETE ELEVATION
COS	CITY OF SCOTTSDALE
E.S.V.A.E.	EMERGENCY VEHICLE ACCESS EASEMENT
EX	EXISTING
FG	FINISHED GROUND
FL	FLOW LINE ELEVATION
G	GUTTER ELEVATION
GB	GRADE BREAK
INV	INVERT ELEVATION
IRR	IRRIGATION
LF	LINEAR FEET
LFF	LOWEST FINISHED FLOOR ELEVATION
MIN	MINIMUM
NG	NATURAL GROUND ELEVATION
N.T.S.	NOT TO SCALE
P	PAVEMENT ELEVATION
PL	PROPERTY LINE
RIM	RIM ELEVATION
S	SLOPE
SD	STORM DRAIN
SE	SEWER EASEMENT
SS	SEWER SERVICE
STD	STANDARD
TB	TOP OF BANK
TC	TOP OF CURB
TF	TOP OF FOOTING ELEVATION
TW	TOP OF WALL ELEVATION
U.E.	UTILITY EASEMENT
UG	UNDERGROUND
W.I.	WROUGHT IRON



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FAIRMONT SCOTTSDALE PRINCESS
TEMPORARY PARKING
GRADING & DRAINAGE PLAN
SCOTTSDALE, ARIZONA
INDEX MAP & NOTES

DATE				
DESCRIPTION				
REV				

REGISTERED PROFESSIONAL ENGINEER
45869
NICHOLAS E. BROWN
EXPIRATION DATE 12/31/2024
ARIZONA, U.S.A.

EXPIRES 03-31-25

SCALE (HORIZ.) N/A
SCALE (VERT.) N/A
DATE 01/31/2024
JOB NUMBER 215319.60
SHEET C2 OF C9

ARIZONA STATE LAND DEPARTMENT
APN: 215-07-014B



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Call at least two full working days before
you begin excavation.

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In Maricopa County: (602) 263-1100

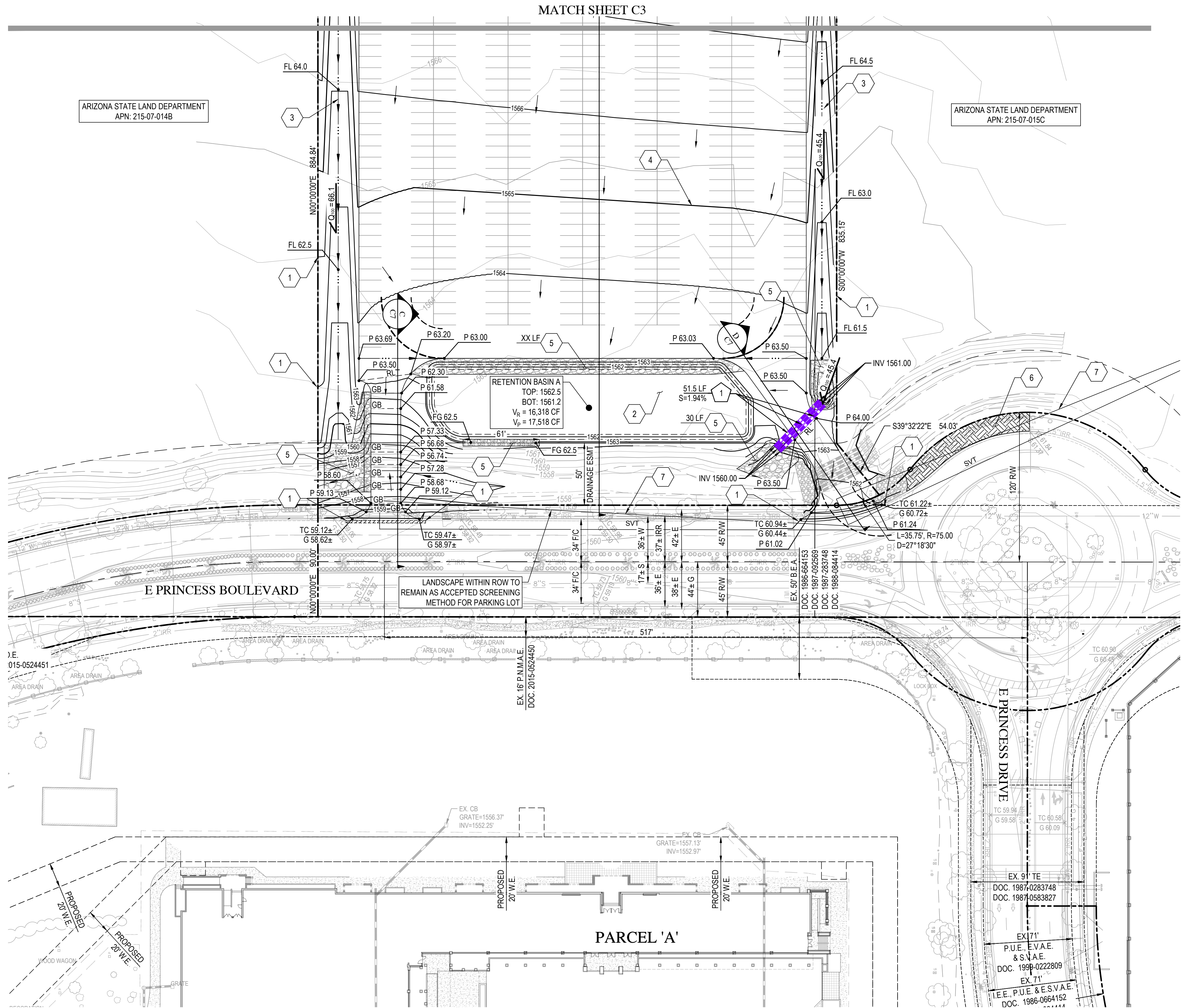
**FAIRMONT SCOTTSDALE PRINCESS
TEMPORARY PARKING
GRADING & DRAINAGE PLAN**
SCOTTSDALE, ARIZONA
GRADING & DRAINAGE PLAN

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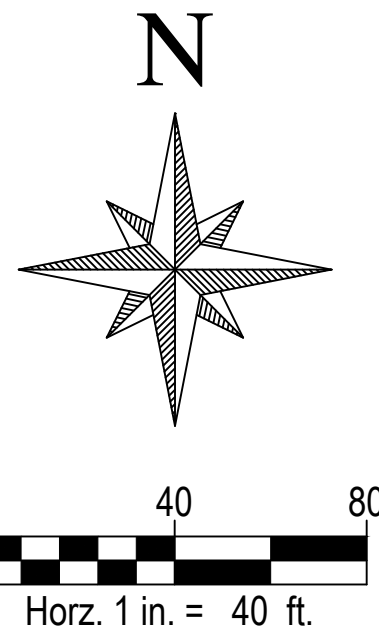


GRADING & DRAINAGE NOTES

- 1 MATCH EXISTING ELEVATION. CONTRACTOR TO FIELD VERIFY EXISTING ELEVATION PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- 2 CONSTRUCT RETENTION BASIN WITH 4:1 MAX SIDE SLOPES. GRADE BASIN TO ELEVATION CONTOURS AND CAPACITY AS SPECIFIED ON PLAN. SCARIFY BOTTOM, MAXIMUM 80% COMPACTION.
- 3 CONSTRUCT 2' DEPTH SWALE PER CROSS-SECTION DETAIL ON SHEET C7. 4:1 MAXIMUM SIDE SLOPES.
- 4 GRADE PER CONTOURS AS SHOWN. CUT AND FILL TREATMENTS AND SLOPE RECOMMENDATIONS PER PROJECT GEOTECHNICAL REPORT.
- 5 FURNISH & INSTALL RIP-RAP, D50=6", DEPTH=18IN. SEE GRADATION TABLE ON SHEET C7.
- 6 TRIM & CLEAR VEGETATION WITHIN R.O.W. TO MAX HEIGHT OF 30". OWNER RESPONSIBLE FOR MAINTENANCE OF VEGETATION FOR THE DURATION OF PARKING LOT USE.
- 7 TRIM & CLEAR VEGETATION WITHIN S.V.T. TO MAX HEIGHT OF 30". OWNER RESPONSIBLE FOR MAINTENANCE OF VEGETATION FOR THE DURATION OF PARKING LOT USE.

STORM DRAIN NOTES

- 1 FURNISH & INSTALL 24" H.D.P.E. STORM DRAIN PIPE (ADS N-12 OR EQUAL) PER MANUFACTURER'S INSTRUCTIONS FOR H25 LOADING AND WATER TIGHT JOINTS. SIZE, LENGTH, & SLOPE PER PLAN.



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In Maricopa County (R02) (R03-110)

FAIRMONT SCOTTSDALE PRINCESS TEMPORARY PARKING GRADING & DRAINAGE PLAN SCOTTSDALE, ARIZONA

REV	DESCRIPTION	DATE

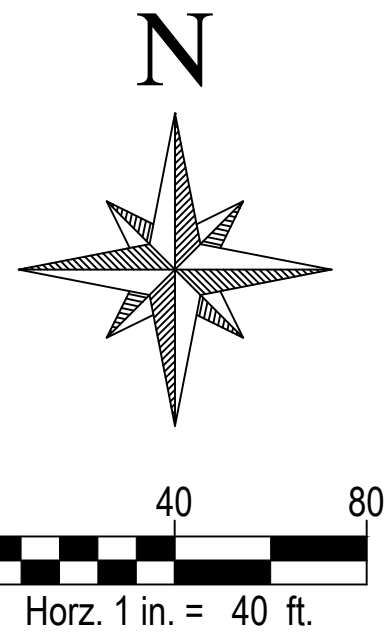
SCALE (HORIZ.) 1" = 40'
SCALE (VERT.) N/A
DATE 01/31/2024
JOB NUMBER 215319.60
SHEET C4 OF C9

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ARIZONA STATE LAND DEPARTMENT
APN: 215-07-004F

ARIZONA STATE LAND DEPARTMENT
APN: 215-07-014B

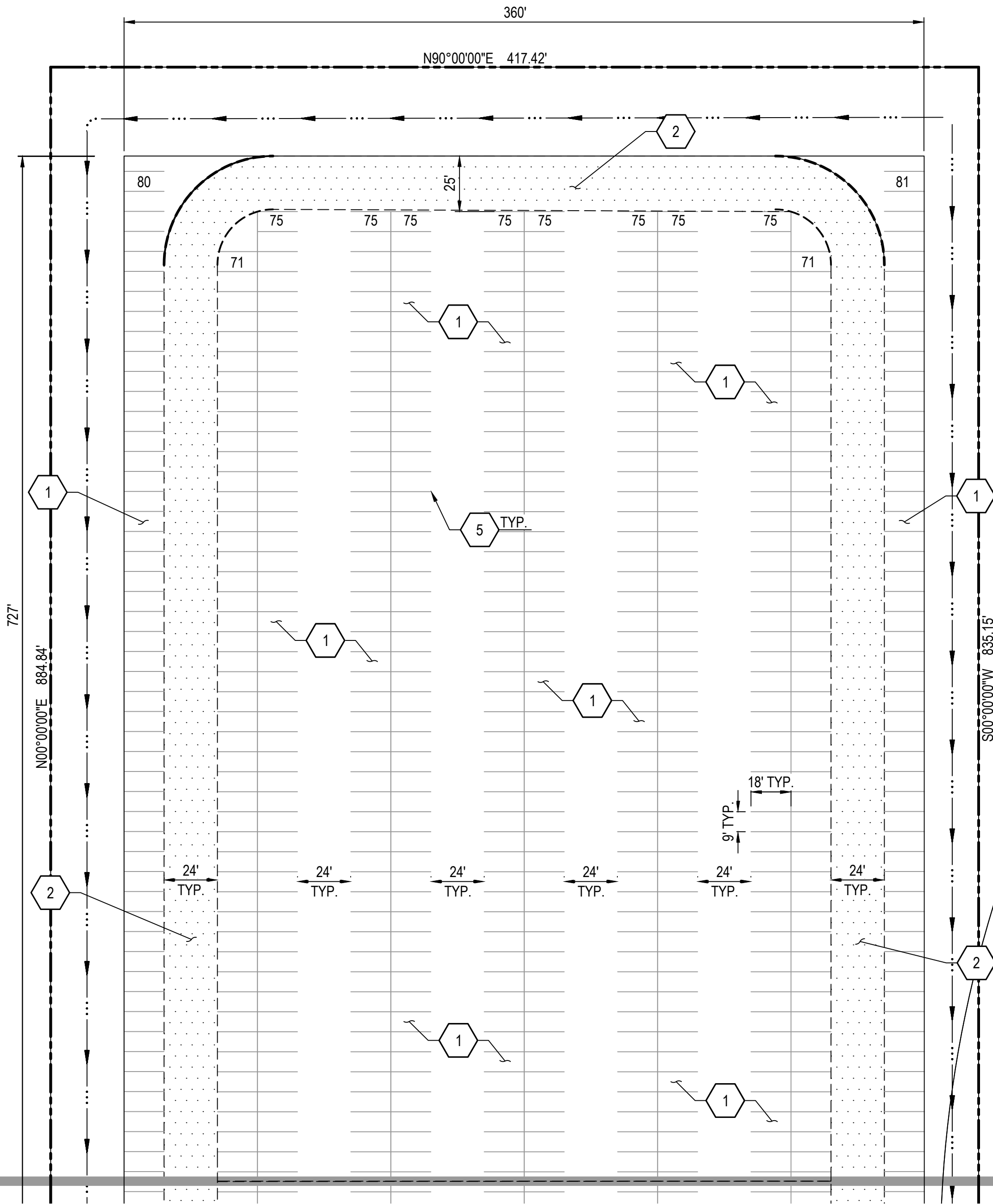
ARIZONA STATE LAND DEPARTMENT
APN: 215-07-015C



PAVING NOTES

QTY

- 1 CONSTRUCT 2" G.S.A. PER M.A.G. STD. SPEC. 701, COMPACTED TO A MINIMUM OF 100% MAXIMUM DRY DENSITY OVER 12" COMPACTED SUBGRADE PREPARED PER M.A.G. STD. SPEC. 301 AND PROJECT GEOTECHNICAL REPORT. 15,320 SY
- 2 CONSTRUCT 2" G.S.A. PER M.A.G. STD. SPEC. 701 COMPACTED TO A MINIMUM OF 100% MAXIMUM DRY DENSITY, OVER 6" A.B.C. PER M.A.G. STD. SPEC. 310, COMPACTED TO A MINIMUM OF 100% MAXIMUM DRY DENSITY OVER 12" COMPACTED SUBGRADE PREPARED PER M.A.G. STD. SPEC. 301 AND PROJECT GEOTECHNICAL REPORT. CONTRACTOR TO VERIFY WITH THE 83,000 LB REQUIREMENT. 3,125 SY
- 5 APPLY 4" WHITE STRIPE WITH ADOT APPROVED, WATER-BASED PAINT, PER ADOT SPECIFICATIONS.



MATCH SHEET C4



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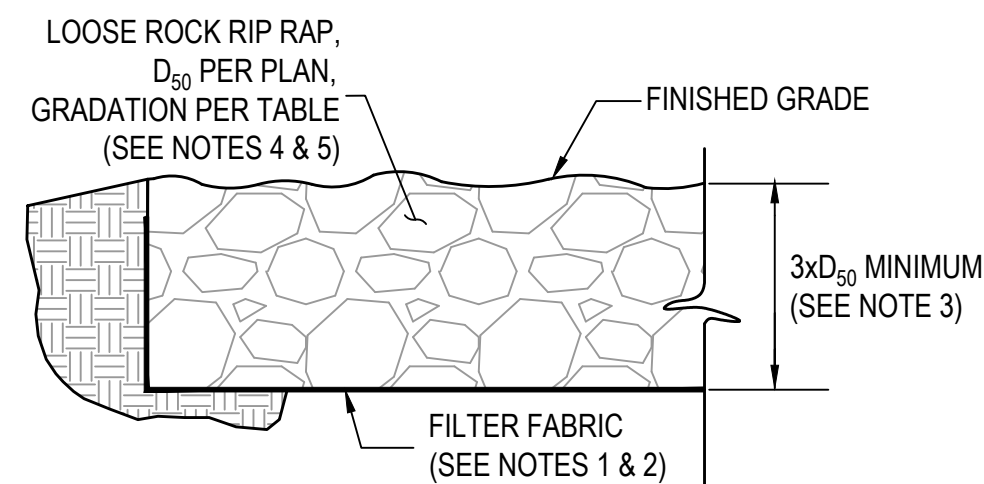
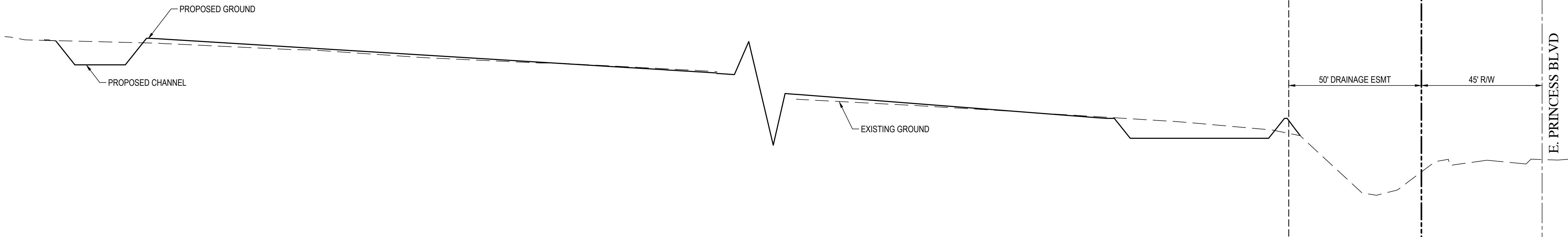
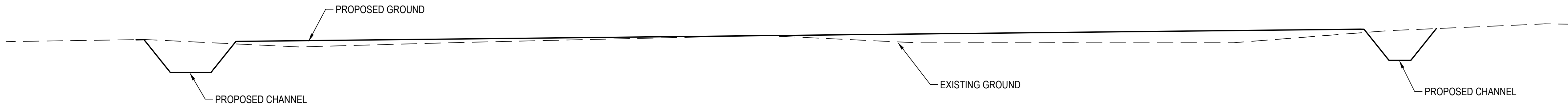
FAIRMONT SCOTTSDALE PRINCESS
TEMPORARY PARKING
GRADING & DRAINAGE PLAN
SCOTTSDALE, ARIZONA
PAVING PLAN

REV	DESCRIPTION	DATE

SCALE (HORIZ.) 1" = 40'
SCALE (VERT.) N/A
DATE 01/31/2024
JOB NUMBER 215319.60
SHEET C5 OF C9

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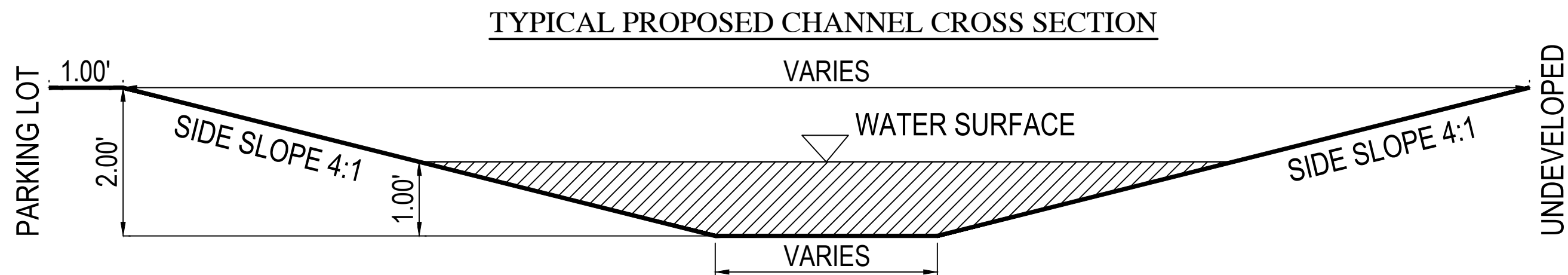
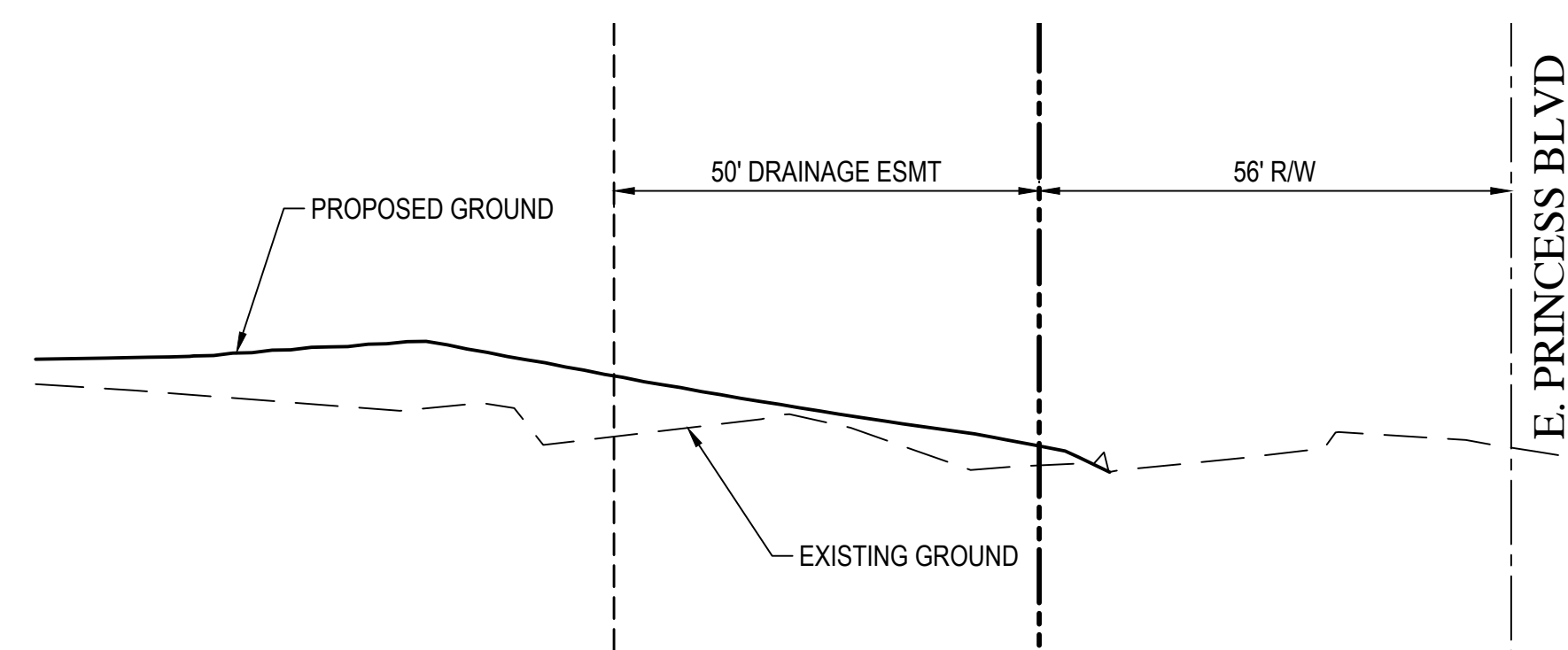
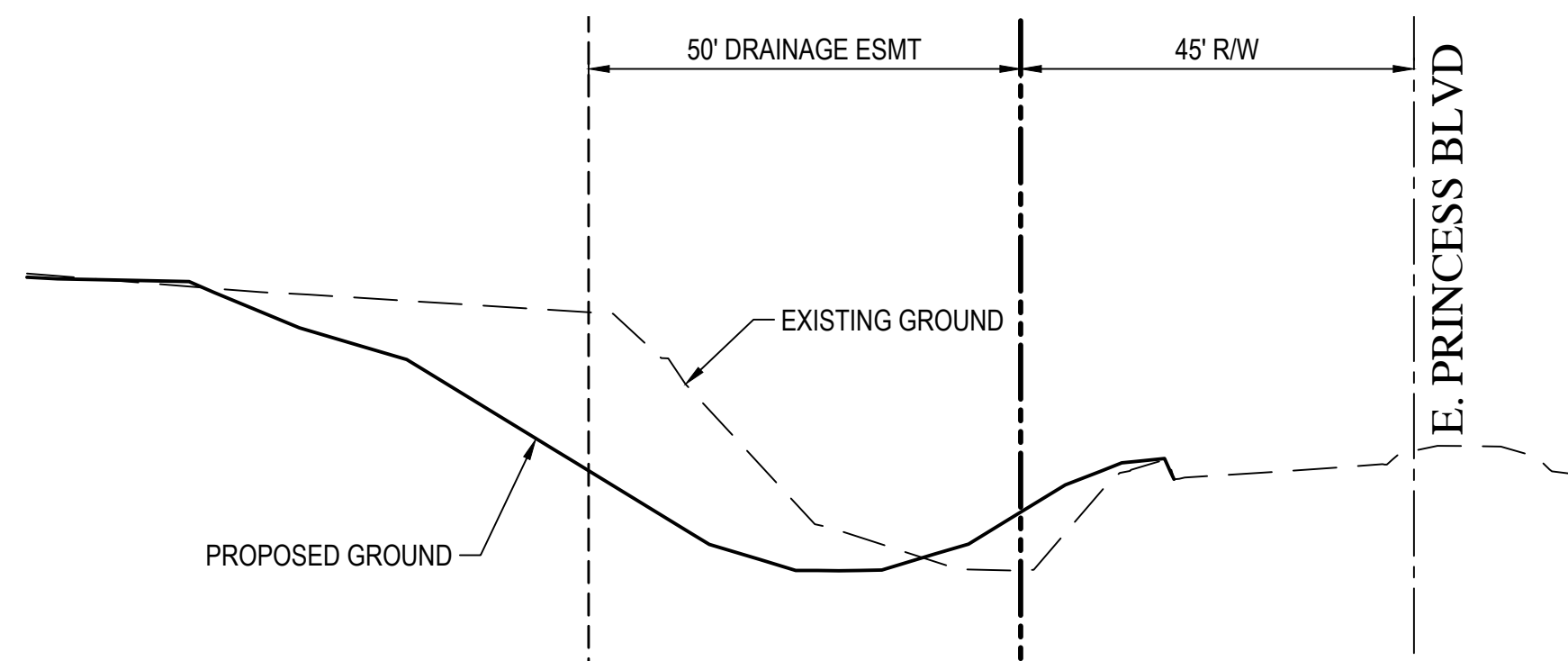


ROCK RIPRAP SECTION

ROCK RIPRAP GRADATION TABLE				
PERCENT PASSING	ROCK SIZE (IN.)			
	D ₅₀ =4"	D ₅₀ =6"	D ₅₀ =8"	D ₅₀ =12"
100 TO 90	8	12	16	24
85 TO 70	6	9	12	18
50 TO 30	4	6	8	12
15 TO 5	3	4	5	8
5 TO 0	1	2	3	4

NOTES:

- FOR LOOSE RIPRAP APPLICATIONS INSTALL "MIRAFI 140NL" FILTER FABRIC, OR APPROVED EQUAL, UNDER ALL LOOSE RIPRAP.
- FOR GROUTED RIPRAP APPLICATIONS OMIT FILTER FABRIC.
- DEPTH OF LOOSE RIPRAP SHALL BE 3xD₅₀ MINIMUM UNLESS OTHERWISE SPECIFIED. DEPTH OF GROUTED RIPRAP SHALL BE 2xD₅₀ MINIMUM UNLESS OTHERWISE SPECIFIED.
- RIPRAP SHALL BE ANGULAR ROCK.
- REFER TO LANDSCAPE PLAN FOR RIPRAP COLOR.



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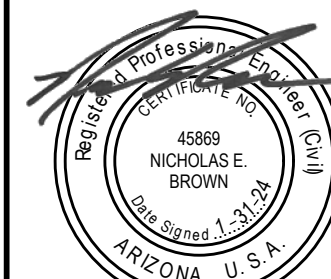
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FAIRMONT SCOTTSDALE PRINCESS
TEMPORARY PARKING
GRADING & DRAINAGE PLAN
SCOTTSDALE, ARIZONA
DETAILS

REV	DESCRIPTION	DATE

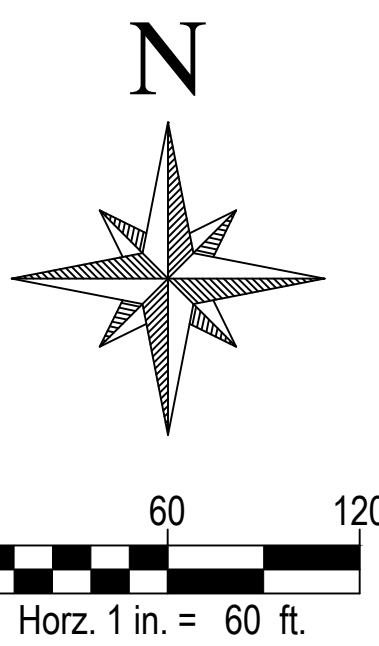
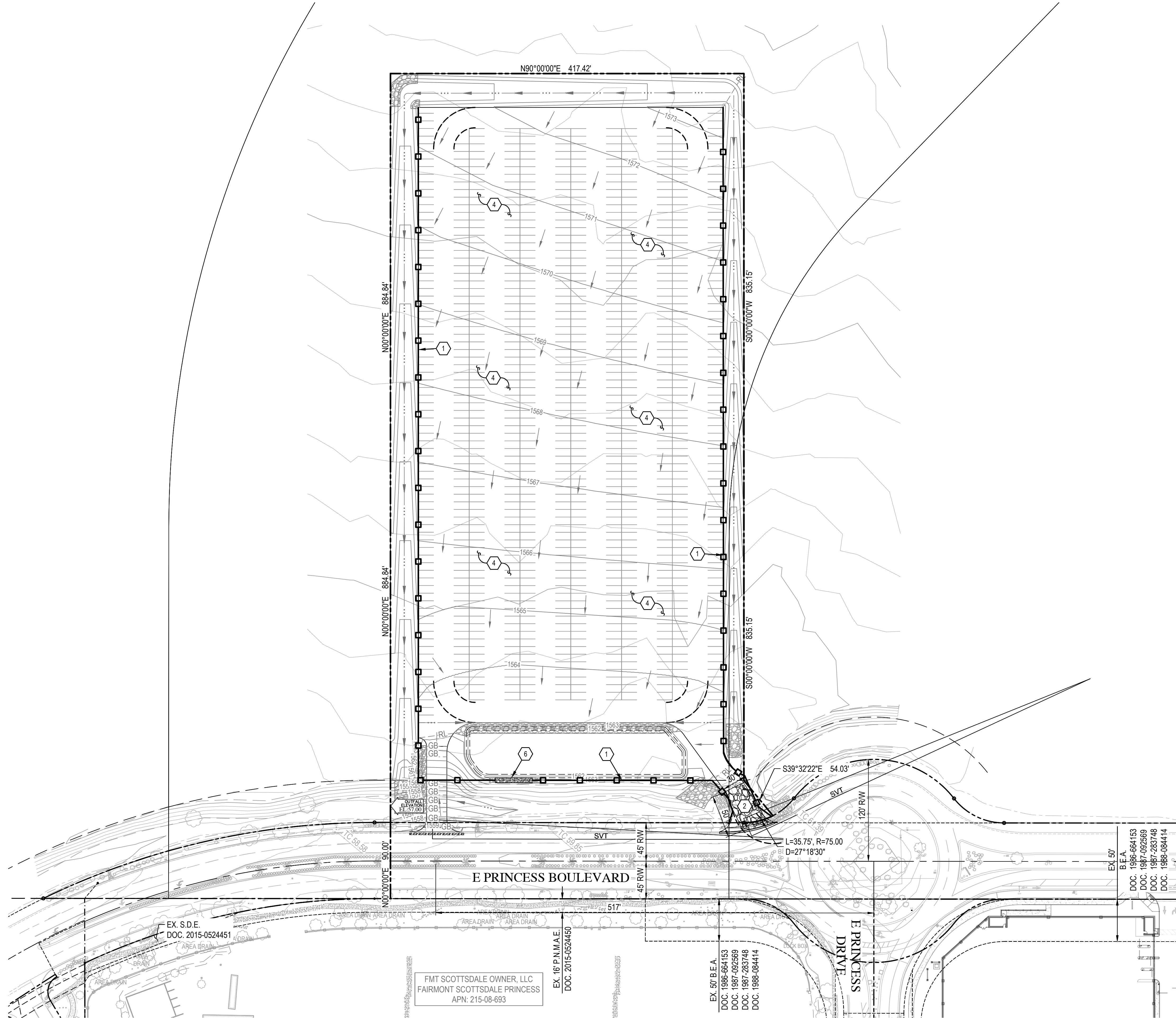


EXPIRES 03-31-25

SCALE (HORIZ.) 1" = 20'
SCALE (VERT.) 1" = 4'
DATE 01/31/2024
JOB NUMBER 215319.60
SHEET C7 OF C9

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LEGEND

- PROPERTY LINE
- SILT FENCE
- GRAVEL BERM
- FLOW ARROW
- STABILIZED ENTRANCE
- OUTFALL ELEVATION EL.XX.XX
- ULTIMATE OUTFALL LOCATION/DIRECTION

SWPPP NOTES

1. INSTALL SILT FENCE PER MARICOPA COUNTY EROSION CONTROL DETAIL SPC-5 SILT FENCE ON SHEET C9, FILTREXX SITE SEDIMENT CONTROL PER DETAIL ON SHEET C9, OR EQUAL.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE PER MARICOPA COUNTY EROSION CONTROL DETAIL EC-5 STABILIZED CONSTRUCTION ENTRANCE ON SHEET C9.
4. IMPLEMENT DUST CONTROL MEASURES PER MARICOPA COUNTY EROSION CONTROL MANUAL SECTION EC-7 DUST CONTROL.
6. INSTALL GRAVEL BERM PER SWPPP DETAIL BMP 93 ON SHEET C9.

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**FAIRMONT SCOTTSDALE PRINCESS
TEMPORARY PARKING
GRADING & DRAINAGE PLAN
SCOTTSDALE, ARIZONA
STORM WATER MANAGEMENT PLAN**

REV	DESCRIPTION	DATE

SCALE (HORIZ.)	1" = 60'
SCALE (VERT.)	N/A
DATE	01/31/2024
JOB NUMBER	215319.60
SHEET	C8
OF	C9

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