



BOARD OF SUPERVISORS AGENDA ITEM REPORT

Requested Board Meeting Date: 10/06/2020

Project Name: Rancho Del Lago Reserve/ Block 28
Title: Lots: 1-79
Plan #: P18SC00020, P18SC00042
Owner/Developer: Meritage Homes

Introduction/Background:

Acceptance of the above referenced Project/Roadway into the Pima County Maintenance System.

Discussion:

Project/Roadway Improvements have been completed and dedicated to Pima County and Recorded as Public Right-of-Way. Recommendation is made to accept the attached roadways into the Pima County Maintenance System.

Conclusion:

If Approved:

Public improvements completed adjacent to these Subdivision Lots and/or Roadway will be maintained by the Pima County Department of Transportation.

If Denied:

Recently completed improvements to the above referenced Project/Roadway will not be maintained by the Pima County Department of Transportation.

Recommendation:

Acceptance of the attached roadways/subdivision improvements into the Pima County Maintenance System.

Fiscal Impact:

No cost to the Department for these improvements. If accepted into the Maintenance System there will be a cost associated with the maintenance, however not immediately since it is new construction.

Board of Supervisor District:

☐ 1 ☐ 2 ☐ 3 ☒ 4 ☐ 5 ☐ All

Department: Transportation Telephone: 520-724-6410

Contact: Brian Crowninshield Telephone: 520-724-2323

Department Director Signature/Date: Ana M. Olivas 8/28/2020

Deputy County Administrator Signature/Date: [Signature] 9/1/2020

County Administrator Signature/Date: C. D. [Signature] 9/1/2020

Date: August 25, 2020

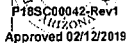
To: Ana M. Olivares, P.E.
Director

From: Brian Crowninshield, Manager
ROW Management *BC*

Robert D. Johnson *RJ*
Division Manager
Department of Transportation

Subject: Project/Roadway: Rancho Del Lago Reserve/ Block 28
Lots: 1-79
Plan Number: P18SC00020, P18SC00042
Developer/Owner: Meritage Homes

We have performed a Final Inspection and found the improvements to be satisfactory and in general conformance to the plans and specifications. These roadways should be submitted to the Board of Supervisors for acceptance into the County Maintenance System.



LOTS 1-79 & COMMON AREAS "A-1", "B-1", "B-2", & "C-1"- "C-4"
P18SC00042/P18TP00008

P18SC00042/P18TP00008

PIMA COUNTY OPUS CONTROL POINT 16516E_C17 A 1/2" REBAR W/TAG "PCDDT REF 20".
SOUTH OF REX MOLLY & WEST OF CAMINO LOMA VIEJA. ELEV. = 3250.00 (NAVD88)

THE NORTH LINE OF THE SOUTHEAST QUARTER OF SECTION 3, TOWNSHIP 16 SOUTH, RANGE 16 EAST, GILA AND SALT RIVER MERIDIAN, PIMA COUNTY, ARIZONA, AS MONUMENTED BY A BRASS DISC AT THE EAST ONE QUARTER CORNER OF SAID SECTION 3 AND BY A HALF INCH REBAR AT THE CENTER-WEST 1/16TH CORNER, ALSO THE NORTHWEST CORNER OF BLOCK 25 OF RANCHO DEL LAGO, A SUBDIVISION RECORDED IN BOOK 55 OF MAPS AND PLATS AT PAGE 87; SAID BEARING BEING: SOUTH 89°30'12" EAST.

1. ALL CONSTRUCTION AND TEST METHODS SHALL BE IN CONFORMANCE WITH
PIWA ASSOCIATION OF GOVERNMENTS (PAG) STANDARD SPECIFICATIONS AND
STANDARD DETAILS FOR PUBLIC IMPROVEMENTS, 2015 EDITIONS, EXCEPT
AS MODIFIED, DETAILED, AND ACCEPTED WITHIN THESE PLANS.

- SCALE: 1" = 120'

19. ALL WORK SHALL CONFORM TO GRADING STANDARDS, CHAPTER 18.81 OF THE PIMA COUNTY ZONING CODE.

20. NATIVE PLANTS MUST BE FLAGGED AND PROTECTIVE FENCING MUST BE INSTALLED AS REQUIRED BY THE NATIVE PLANT PRESERVATION PLAN PRIOR TO ANY GRADING ACTIVITY.

FOR SIGNING NOTES & GENERAL
PAYMENT MARKING NOTES SEE SHEET
10

1) THESE PLANS ARE THE APPROVED PAYING PLANS AND ARE VALID FOR THREE YEARS FROM DATE OF ACCEPTANCE.

I HEREBY CERTIFY THAT THE "AS-BUILT ANNOTATIONS" PROVIDED ON THIS DRAWING WERE BASED ON AN AS-BUILT SURVEY CONDUCTED UNDER MY SUPERVISION AND ACCURATELY DEPICTS EXISTING FIELD CONDITIONS TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR DATE

REGISTRATION NUMBER EXPIRES



1	COVER SHEET	SCALE:
2	NOTES	
3-6	PAVING & SEWER SHEETS	
7-8	PAVING & DETAIL SHEETS	
9	SEWER DETAILS & TABLES	
10	SIGNING & STRIPING PLAN SHEET	

VAIL VALLEY JOINT VENTURE
1010 NORTH FINANCE CENTER DRIVE, SUITE 200
TUCSON, AZ 85710
CONTACT: MR. CHRIS SHEAFE
EMAIL: CSHEAFE@COMCAST.NET
PHONE: (520) 571-1958

FIDELITY NATIONAL TITLE AGENCY, INC.
AN ARIZONA CORPORATION
TRUST NO. 18-756
TRUST OFFICER: JOY WILLIAMS
6245 EAST BROADWAY BOULEVARD, SUITE 180
TUCSON, AZ 85711

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE
ACCORDING TO THESE PLANS AND SPECIFICATIONS AND STANDARD DETAILS.

2) STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (2016 EDITION)
PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT.

- 1) STANDARD DETAILS FOR PUBLIC IMPROVEMENTS (2015 EDITION), PIMA ASSOCIATION OF GOVERNMENTS (PAGI).
- 2) STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (2016 EDITION) PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT.

4) TRAFFIC SIGNING DESIGN MANUAL (MAY 2002 EDITION), PIMA COUNTY AND

ITEM	STANDARD DETAIL	SYMBOL
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A.C. PAVING (REGULAR)	SEE DETAIL G, SHEET B	
A.C. PAVING (CON. DE-SAC)	SEE DETAIL G, SHEET B	
CONCRETE PAVING	SEE DETAIL D & E, SHEET B	
STABILIZED SURFACE	RWMD 111	
6" VERTICAL CURB 1 TYPE 21	SO 209	
6" WEDGE CURB	SO 201	
6" x 12" CONCRETE HEADER	SO 213	
PED BARRICADE RAILING	SO 105	
TOP OF CURB ELEVATION		
EXIST ELEVATION		
PROPOSED SEWER	RWMD 104	
PROPOSED SEWER MANHOLE	RWMD 205, RWMD 211	
EXIST W/CONC COLLAR	RWMD 205, RWMD 212	
STORM DRAIN	(FOR REFERENCE ONLY)	
STORM DRAIN W/VAL	(FOR REFERENCE ONLY)	
NEW WATERLINE W/VALVE	(FOR REFERENCE ONLY)	
EXIST WATERLINE APPURTENANCES	(FOR REFERENCE ONLY)	
LOI REQUIRES BACKWATER VALVE ON HCS	A = DETAIL IDENTIFICATION, X = SHEET SHOWING DETAIL SO 207 (UNLESS OTHERWISE NOTED)	
DETAIL REFERENCE		
CURB ACCESS RAMP		
CONCRETE SIDEWALK	SO 200	
SURVEY MONUMENT	SO 103	
PAVEMENT MARKINGS		
EXIST SEWER AND MANHOLE		
EXIST WATERLINE W/VALVE		
EXIST UNDERGROUND ELECTRIC LINE		
EXIST FIBER OPTIC LINE		
EXIST GAS LINE		
EXIST TELEPHONE/TV CABLE LINE		
EXIST CURB & PAVEMENT		
PROJECT BOUNDARY		
EXISTING ROW LINE		
CENTERLINE		
LOT NUMBERS		
TRANSFORMER	(FOR REFERENCE ONLY)	
POST PEDSAL	(FOR REFERENCE ONLY)	
SHEET INDEX		

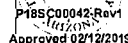
C-2018-053

PUBLIC PAVING & SEWER PLANS PREPARED FOR:

**RANCHO DEL
LAGO RESERVE**
LOTS 1-79 & COMMON AREAS 1A-1F

G-2018-053
P18SC00042
P18TP00008

51-JAN-2019 11:32



SEWER NOTES

- [illegible]

SEWER GENERAL NOTES

1. ALL NEW PUBLIC SEWER MANHOLES SHALL BE 4' DIAMETER PER STANDARD DETAIL NO. RWRD 205 UNLESS OTHERWISE NOTED.
2. ALL SANITARY SEWERS ARE DESIGNED TO PROVIDE FOR GRAVITY FLOW.

GENERAL NOTES

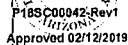
3. THE CONTRACTOR SHALL VERIFY EXISTENCE OF ALL UTILITIES BY CALLING ARIZONA B1 AT 811 222 WORKING DAYS PRIOR TO CONSTRUCTION. THE PLAN LOCATIONS OF EXISTING UTILITIES BEING SHOWN ARE APPROXIMATE.
4. THE CONTRACTOR AGREES TO PROTECT ALL ADJACENT PROPERTY AND EXISTING IMPROVEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EARTH SPILLAGE, CONSTRUCTION WATER, AND RUNOFF WATERS.
5. THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS RESPONSIBILITY SHALL INCLUDE, BUT NOT BE LIMITED TO, NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, INCLUDING, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
6. THE EXISTENCE AND LOCATION OF ANY EXISTING UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE RECORDING OFFICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A REPRESENTATION OF THE ACCURACY OR COMPLETENESS OF THE LOCATION OR THE EXISTENCE OR NONEXISTENCE OF ANY UNDERGROUND UTILITY OR STRUCTURE. IN ORDER TO PROTECT THE PROJECT, THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEANS TO PROTECT ANY UTILITY, NOT OF RECORD OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR COSTS INCURRED AS A RESULT OF DAMAGE TO UTILITIES CAUSED BY HIS OPERATIONS.
7. IF THERE ARE ANY QUESTIONS REGARDING THESE PLANS OR FIELD STAKES, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION BEFORE DOING ANY WORK BY CALLING THE ENGINEER WORK AT (520) 795-1000.
8. RETAINING WALLS AND/OR SCREEN WALLS REFERENCED ON THIS PLAN ARE TO BE DESIGNED BY OTHERS. ELEVATIONS SHOWN HEREON ARE FOR REFERENCE ONLY. THE CONTRACTOR SHALL CONFIRM EXIST ELEVATIONS. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, INCLUDING A BUILDING PERMIT AND ARE NOT COVERED UNDER THE GRADING PERMIT FOR THIS PROJECT.
9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CALCULATE HIS OWN EARTHWORK QUANTITIES AND SUBMIT HIS BID THEREON. EARTHWORK QUANTITIES SHOWN ON THESE PLANS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT TO BE USED FOR BIDDING OR PAYMENT QUANTITIES.
10. ALL NOTES SHALL CROSS-APPLY TO ALL CONSTRUCTION DISCIPLINES INVOLVED WITH THIS PROJECT.
11. FACE OF CURB REVEAL IS 6 INCHES UNLESS OTHERWISE SHOWN.
12. SOME ELEVATIONS ARE SHORTENED FOR CLARITY, REMOVING THE THOUSAND AND HUNDREDED UNIT VALUES. SEE BASIS OF ELEVATION FOR FULL ELEVATION REFERENCE.
13. CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE NATIVE VEGETATION WITHIN ALL OPEN SPACE AREAS AND CONFINE HIS OPERATIONS TO THE GRADING LIMITS SHOWN.
14. WRITTEN PERMISSION SHALL BE OBTAINED IN ADVANCE FOR ANY OFF-SITE GRADING.
15. THE CONTRACTOR SHALL FACILITATE THE WORK OF THE SOILS ENGINEER DURING HIS OBSERVATIONS AND COMPARISON TESTS DURING THE FILLING AND COMPACTING OPERATIONS.
16. ALL EARTHWORK OPERATIONS SHALL BE DONE UNDER THE OBSERVATION OF A LICENSED PROFESSIONAL ENGINEER. THE ENGINEER SHALL OBSERVE THE OPERATIONS AND SPECIFICATIONS SET FORTH IN THE SOILS REPORT. THE SOILS ENGINEER SHALL OBSERVE, INSPECT, AND TEST ALL EARTHWORK OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES, PREPARATION, STRUCTURAL AND TRENCH EXCAVATION AND BACKFILL AND PLACEMENT AND COMPACTION OF FILL.
17. CUT AND FILL SLOPES SHALL BE TRIMMED TO THE FINISH GRADE TO PROVIDE A UNIFORM CROSS-SECTION. THE SLOPE OF THE EXCAVATIONS OR EMBANKMENTS SHALL BE DESIGNED AND TRIMMED AS SHOWN ON THE PLANS AND LEFT IN A NEAT AND ORDERLY CONDITION. ALL SIDES, ROADS, OR OTHER WASTE WATER EXPPOSED ON EXCAVATION OR EMBANKMENT SLOPES SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF-SITE BY THE CONTRACTOR.
18. THE CONTRACTOR SHALL PRESERVE ALL STAKES SET FOR THE LINES, LEVELS OR MEASUREMENTS OF THE WORK IN THEIR PROPER PLACES UNTIL AUTHORIZED TO REMOVE THEM BY THE ENGINEERS. ANY EXPENSE INCURRED IN REPLACING OR RESETTING STAKES OR MEASUREMENTS SHALL BE THE CONTRACTOR'S. IF THE CONTRACTOR HAS ANY FAILURE TO PRESERVE, SHALL BE CHARGED TO THE CONTRACTOR.
19. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH, HAUL AND APPLY ALL WATER REQUIRED FOR COMPACTION AND FOR THE CONTROL OF DUST FROM CONSTRUCTION ACTIVITY. THE COST THEREOF IS TO BE INCLUDED IN THE CONTRACT PRICE.
20. PRIOR TO THE START OF GRADING, ALL VEGETATION AND OBSTRUCTIONS, AS WELL AS TRASH, SHALL BE REMOVED FROM CUT AND FILL AREAS AND LEGALLY DISPOSED OF OFF-SITE. ANY EXISTING IRRIGATION, DRAINAGE OR UTILITY LINES OR OTHER ABANDONED SUBSURFACE STRUCTURES SHALL BE REMOVED OR DESTROYED PRIOR TO GRADING. THE CONTRACTOR SHALL OBTAIN SPECIFICATIONS OF THE APPROPRIATE BUILDING OFFICE OR THE SOILS ENGINEER. BRUSH SHALL BE REMOVED ONLY WITHIN THE AREA TO BE GRADDED.
21. THE FINAL TEST RESULTS AND APPROVAL FROM THE SOILS ENGINEER SHALL CONFIRM THE TYPE OF FIELD TESTING PERFORMED AND SUBMITTED TO THE ENGINEER. EACH TEST SHALL BE IDENTIFIED WITH THE METHOD OF OBTAINING THE IN-PLACE DENSITY, WHETHER SAND CONE, DRIVE RING, OR OTHER FIELD DENSITY METHOD.

GENERAL NOTES - CONTINUED

21. EXISTING MANHOLE RIMS, VALVE COVERS, ETC., TO REMAIN IN PLACE. SHALL BE ADJUSTED TO PROPOSED FINISHED GRADE AND/OR FINISHED SURFACE ELEVATIONS.
22. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FULLY COMPLY WITH THE STORMWATER DISCHARGE REGULATION SYSTEMS GENERAL PERMIT IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN PREPARED FOR THIS PROJECT.
23. IRRIGATION/ELECTRICAL SLEEVES SHALL BE 4 INCH ADS OR SCHEDULE 40 SPIGOT. SLEEVES SHALL BE PLACED 18 INCHES BELOW FINISHED GRADE AND SHALL BE 2' TO 3' FROM ANY EXISTING OR NEW DUCK, CURB, HEADER, OR SIDEWALK. A CONTINUOUS MAGNETIC MARKING TAPE SHALL BE PLACED 12 INCHES BELOW FINISHED GRADE ABOVE THE SLEEVES. THE CURB SHALL BE 18 INCHES WIDE WITH A STAMPEL LABEL "1" IRRIGATION SYSTEM. SLEEVE ENDS SHALL BE MARKED UPON AS-BUILT PLANS AND SHALL BE COVERED WITH HEAVY DUTY TAPE TO PREVENT SOIL FROM ENTERING SLEEVES UPON BACK FILL.
24. THE GENERAL CONTRACTOR SHALL COORDINATE ALL RIP RAP SLOPE TREATING REQUIREMENTS WITH THE LANDSCAPE CONTRACTOR. LANDSCAPE PLANTINGS AND IRRIGATION LINES WITHIN AREAS TO BE RIP RAPPED SHALL BE COORDINATED TO FACILITATE THE WORK OF THE LANDSCAPE CONTRACTOR BEFORE ANY RIP RAPPING. ALL IRRIGATION PLANS FOR PLANTINGS AND IRRIGATION LINES WITHIN AREAS TO BE RIP RAPPED.
25. THE GRADING CONTRACTOR SHALL EXCAVATE AND REMOVE THE SOIL BENEATH ALL PROPOSED RIP RAP AREAS SUCH THAT THE FINISHED SURFACE OF THE RIP RAPPED WATERWAYS WILL MEET THE FINISHED SURFACE ELEVATION AND SLOPE AS CALLED OUT ON THESE PLANS.
26. THE GRADING CONTRACTOR SHALL EXCAVATE AND REMOVE THE SOIL BENEATH ALL DECOMPOSED GRANITE AREAS SO THAT THE FINISHED SURFACE OF THE DECOMPOSED GRANITE WILL MATCH THE FINISHED SURFACE ELEVATION AS CALLED OUT ON THESE PLANS. IN HIGH FLOOD AREAS, THE GRADING CONTRACTOR SHALL ACHIEVE THE FULL DEPTH OF WATER HARVESTING TO THE FINISHED SURFACE OF THE DECOMPOSED GRANITE. SEE LANDSCAPE PLANS FOR DECOMPOSED GRANITE AREAS.
27. REFER TO THE FINAL PLAN FOR THIS PROJECT FOR ADDITIONAL HORIZONTAL CONTROL AND RECORDING INFORMATION.
28. ALL REMAINING DISTURBED AREAS, EXCEPT RETENTION AND/OR DETENTION BASIN BOTTOMS, NOT OTHERWISE ALREADY TREATED, SHALL BE STABILIZED IN A FINAL MANNER IN CONFORMANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN. THE CONTRACTOR SHALL BE PROVIDED 14 DAYS NOTICE OF INTENTION TO CLOSE OUT THE SWPPP. NOTICE OF INTENTION TO CLOSE OUT BE FILED WITH ADEU UNTIL THESE FINAL STABILIZATION MEASURES ARE IN PLACE.
29. PER SECTION 404 OF THE CLEAN WATER ACT, CURED OR FILL MATERIAL SHALL NOT BE PERMANENTLY OR TEMPORARILY PLACED IN ANY JURISDICTIONAL WATERS.
30. A GEOTECHNICAL ENGINEERING INVESTIGATION, INCLUDING RECOMMENDATIONS FOR GRADING PROCEDURES HAS BEEN PREPARED BY WRIGHT ENGINEERS. ALL EARTHWORK OPERATIONS SHALL CONFORM TO THE INVESTIGATION CONTAINED IN SAID REPORT, DATED AUGUST 15, 2018.
31. WHERE A TRAIL OR OTHER WALKWAY FEATURE TIES INTO THE BACK OF A VEGETATED RAMP OR OTHER WALKWAY, THE TRAIL PORTION OF THE RAMP SHALL BE REMOVED AND A SMOOTH TRANSITION BE MADE INTO THE RAMP SURFACE.)
32. HOUSE CONNECTIONS SHALL BE STUBBED OUT TO THE FARTHER OF THE STREET FRONT OR REAR WAY, COMMON AREA LOT LINE, OR TO THE REAR OF THE PROPERTY UTILITY.

RIGHT OF WAY USE NOTES

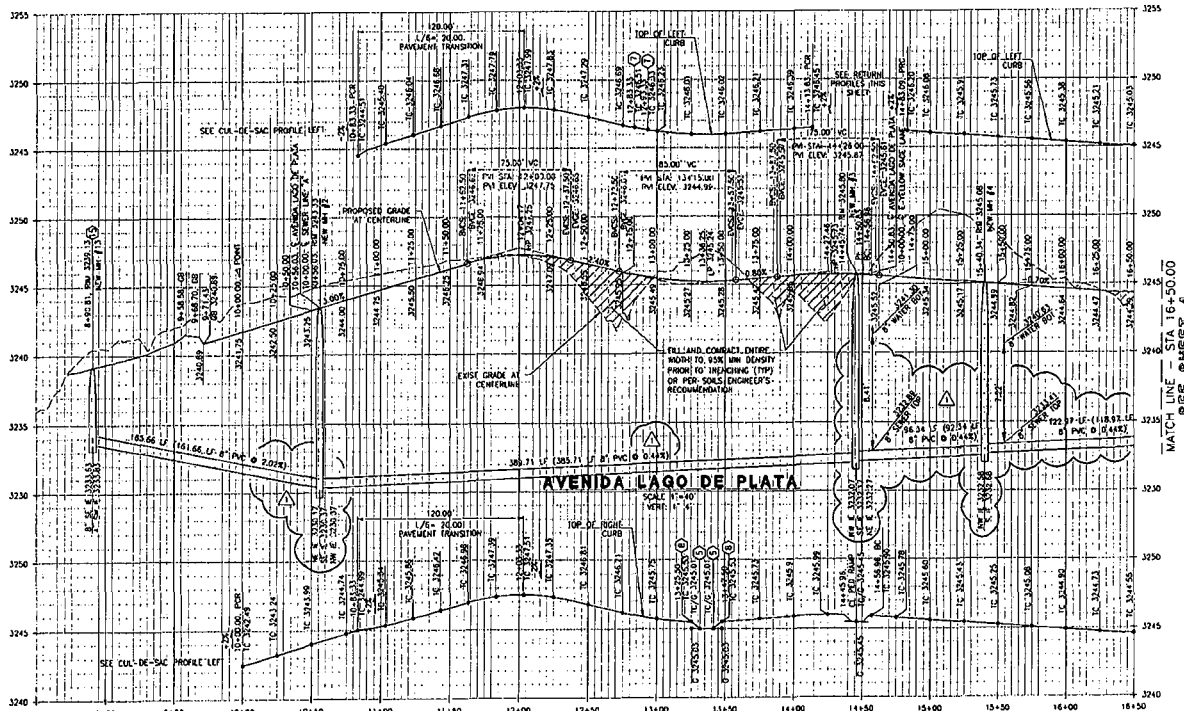
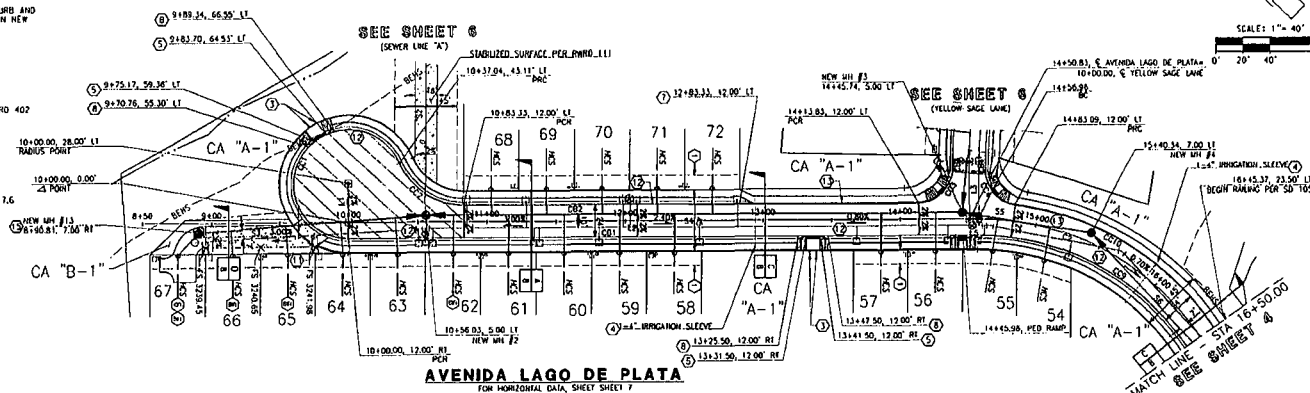
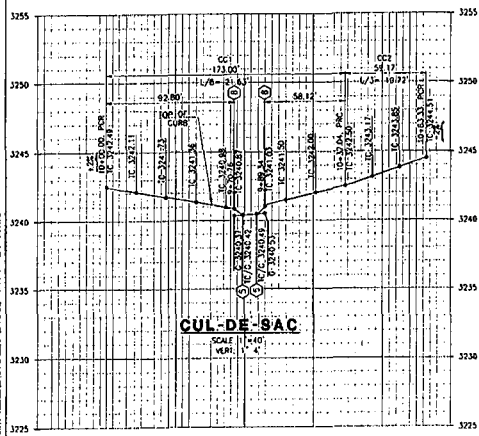
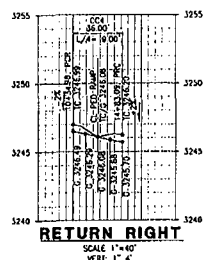
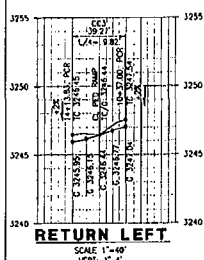
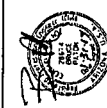
1. ALL WORK WITHIN COUNTY RIGHT-OF-WAYS SHALL CONFORM TO THE PIMA ASSOCIATION OF GOVERNMENTS (PAG) STANDARD SPECIFICATIONS AND STANDARD DETAILS FOR PUBLIC IMPROVEMENTS, 2015 EDITION.
2. ALL GRADING, CLEARING, AND BRUSHING SHOULD BE KEPT TO THE MINIMUM WIDTH REQUIRED TO ACCOMMODATE THE TRAFFIC THROUGHOUT THE WATERLINE ALIGNMENT WITHIN THE PROJECT LIMITS.
3. THE CONTRACTOR SHALL SALVAGE AND REPLANT ALL HEALTHY PRIVATELY OWNED, CROWNED, BARRELED, SAGUARO, OR OTHER CACTI THAT IS ENCOUNTERED WITHIN THE PROJECT ALIGNMENT.
4. PAVEMENT PATCHES SHALL CONFORM TO THE UTILITY TRENCH PAVEMENT PATCH-STANDARD DETAIL NO. 216, 2015 EDITION PAGE STANDARD DETAILS FOR PUBLIC IMPROVEMENTS.
5. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE UNIFORM PRACTICE CONTROL, HANDBOOK, THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO PCDOT 14 DAYS PRIOR TO START OF WORK FOR THEIR REVIEW/APPROVAL.
6. TWO WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. ANY REQUEST FOR ROAD CLOSURES WILL REQUIRE REVIEW AND APPROVAL OF THE PIMA COUNTY BOARD OF SUPERVISORS.



- (1) 10' PUBLIC UTILITY EASEMENT GRANTED TO PUBLIC UTILITY COMPANIES AND FLEMING COUNTY BY FINAL PLAT
- (2) SAWCUT AT 1' MINIMUM AND REMOVE EXISTING CURB AND WEDGE CURB TO EXISTING DRIVE, TRAIL, TRACK, AND JOIN NEW PAVEMENT TO EXISTING PAVEMENT
- (3) 2 POSITIVE BARRICADES PER SD 106
- (4) IRRIGATION/ELECTRICAL SLEEVES - SEE GENERAL NOTE #3
- (5) DEPRESSED CURB PER
- (6) MCS CONNECTION TO TRANSITION MANHOLE PER RMO 402
- (7) 10' CONCRETE CURB PERMISSUM PER SD 210
- (8) 6" CONCRETE CURB TRANSITION PER SD 210
- (9) NOT USED
- (10) 6"x12" CONCRETE HEADER PER SD 213
- (11) 6" THICK CONCRETE SIDEWALK PER EOS SECTION 1.6
- (12) 6" WEDGE CURB PER SD 209
- (13) 6" TYPE 2 VERTICAL CURB PER SD 209
- (14) DEPRESSED CURB PER
- (15) CONCRETE COLLAR PER RMO 212
- (16) REINFORCED MANHOLE JOINTS PER RMO 209

NOTE: FOR SEWER HCS DATA, SEE SHEET 9
ALL PROPOSED SEWER IS PUBLIC

NOTE: SLOPE, CURB, & CENTERLINE LINE
ANNOTATION ON SHEET 7

[illegible]

RECORDING CRIMINAL DIVISION OF CRIMINAL JUSTICE 1000 PENNSYLVANIA AVENUE, N.W. WASHINGTON, D.C. 20535 TEL: (202) 344-3000		DATE: 05/18 TIME: 10:00 AM BY: [Signature]
NAME: [Redacted] ADDRESS: [Redacted] CITY: [Redacted] STATE: [Redacted] ZIP: [Redacted]	DATE: 05/18 TIME: 10:00 AM BY: [Signature]	DATE: 05/18 TIME: 10:00 AM BY: [Signature]

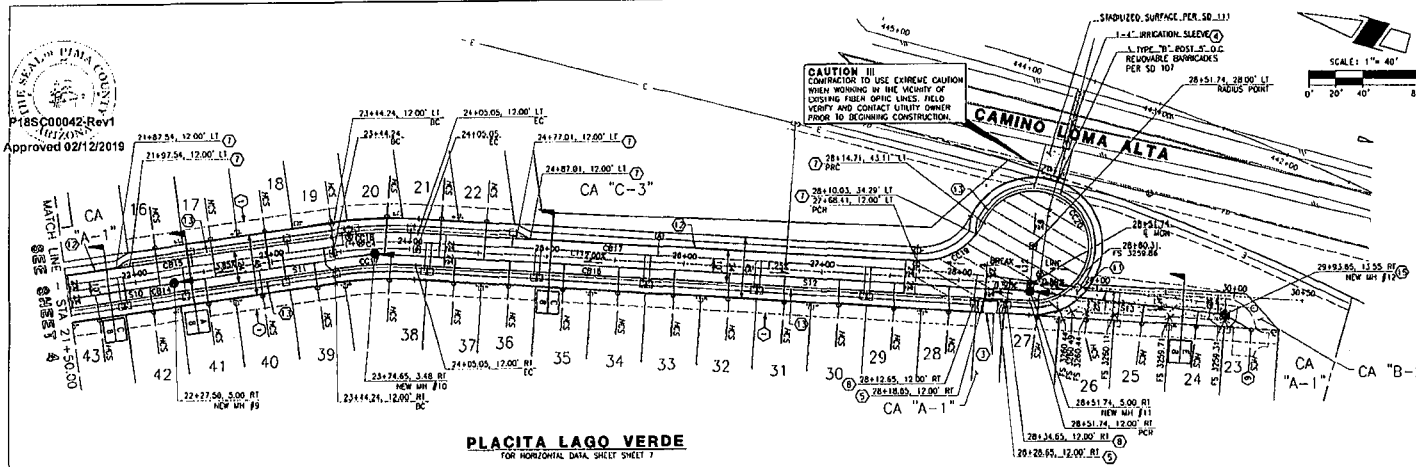
RANCHO DEL
 LAGO RESERVE
 LOTS 1-75 & COMMON AREAS "A".
 "B-1", "B-2", "C-1", "C-4"



G-2018-053
P18SC00042
P18TP00008

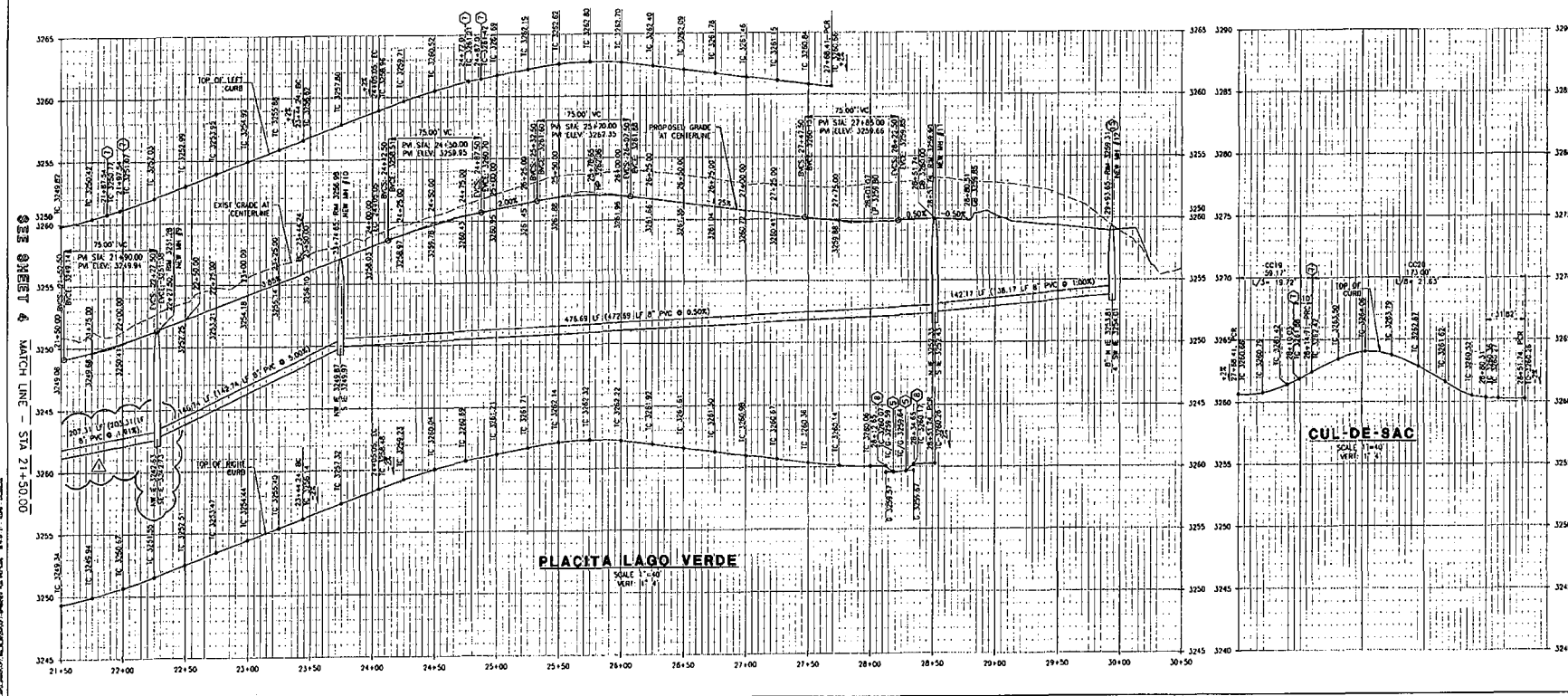
SCALE
HORIZ : 1" = 40'
VERT : 1" = 4'
SHEET 3 OF 10

PLBSC00042-Rev1
10/2/2019
Approved 02/12/2019



- ### KEYNOTES
- 1' PUBLIC UTILITY EASEMENT GRANTED TO PUBLIC UTILITY COMPANIES AND FINA COUNTY BY FINAL PLAT
 - SANCTU AT 1' MINIMUM AND REMOVE EXISTING CURB AND PAVEMENT AS NECESSARY. FORM, TACK, AND JOIN NEW PAVEMENT TO EXISTING PAVEMENT
 - 2 POST BARRICADES PER SD 105
 - IRIGATION/ELECTRICAL SLEEVES - SEE GENERAL NOTE 23
 - DEPRESSED CURB PER [Symbol]
 - NCS CONNECTION TO TERMINUS MANHOLE PER RWRD 402
 - 10' CONCRETE CURB TRANSITION PER SD 210
 - 6' CONCRETE CURB TRANSITION PER SD 210
 - NOT USED [Symbol]
 - 6"x12" CONCRETE HEADER PER SD 213
 - 6" THICK CONCRETE SIDEWALK PER EDS SECTION 7.6
 - 6" WEDGE CURB PER SD 209
 - 6" TYPE 2 VERTICAL CURB PER SD 209
 - DEPRESSED CURB PER [Symbol]
 - CONCRETE COLLAR PER RWRD 212
 - REINFORCED MANHOLE JOINTS PER RWRD 209
- NOTE: FOR SEWER HCS DATA, SEE SHEET 9
ALL PROPOSED SEWER IS PUBLIC
- NOTE: SEWER CURB & CENTERLINE LINE ANNOTATION ON SHEET 7

PLACITA LAGO VERDE
FOR HORIZONTAL DATA SHEET 7



PLACITA LAGO VERDE
SCALE 1" = 40' VERT 1" = 4'

DESIGNED BY: [Signature] DATE: 05/18
CHECKED BY: [Signature] DATE: 05/18
APPROVED BY: [Signature] DATE: 05/18

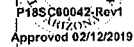
RICK
ENGINEERING & ARCHITECTURE
1000 N. 10TH AVE. SUITE 100
PHOENIX, AZ 85003
PH: 602.498.1111
WWW.RICKENGINEERING.COM

PUBLIC PAVING & SEWER PLANS PREPARED FOR:
RANCHO DEL LAGO RESERVE
LOTS 128 & COMMON AREAS "A", "B-1", "B-2", & "C-1", "C-2"

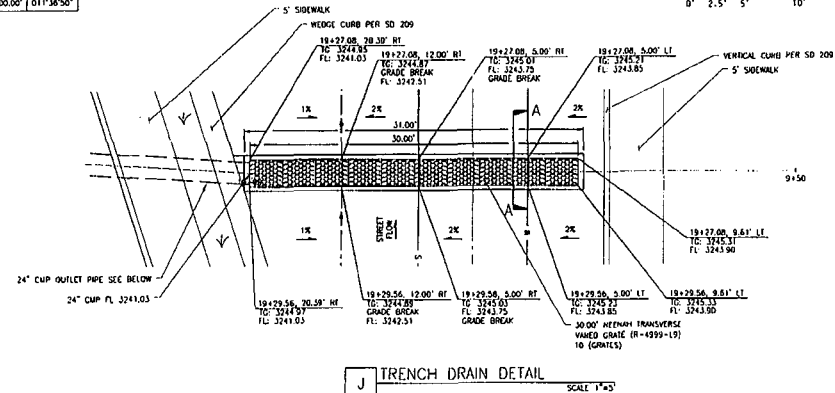
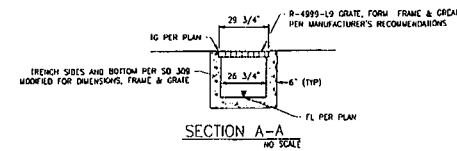
Project Number: **G-2018-053**
P18SC00042
P18TP00008

HORIZ: 1" = 40'
VERT: 1" = 4'

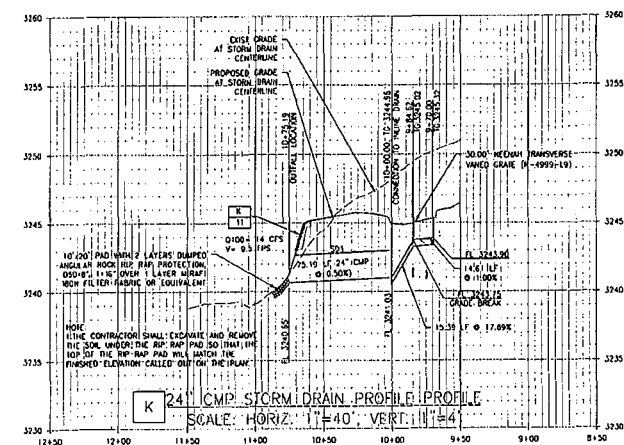
SHEET 5 OF 10



CURVE #	LENGTH	RADIUS	DELTA
C1	272.24'	500.00'	042°26'30"
C2	292.02'	200.00'	083°39'54"
C3	52.82'	47.50'	083°45'00"
C4	60.81'	300.00'	011°36'54"



SEWER ANNOTATION		
LINE #	LENGTH	DIRECTION
S1	209.93'	N10° 41' 16"E
S2	142.49'	N46° 49' 15"E
S3	165.66'	S47° 19' 59"E
S4	389.71'	N43° 10' 44"W
S5	96.34'	S33° 46' 53"E
S6	122.97'	N03° 22' 59"E
S7	82.46'	S28° 51' 15"W
S8	127.80'	N40° 28' 46"E
S9	160.83'	S23° 14' 22"E
S10	207.31'	S23° 14' 22"E
S11	116.74'	S23° 14' 22"E
S12	476.89'	S11° 37' 33"E
S13	142.17'	N08° 10' 57"W
S14	131.58'	S52° 20' 19"W
S15	130.37'	S77° 00' 22"W
S16	244.24'	N64° 43' 30"E



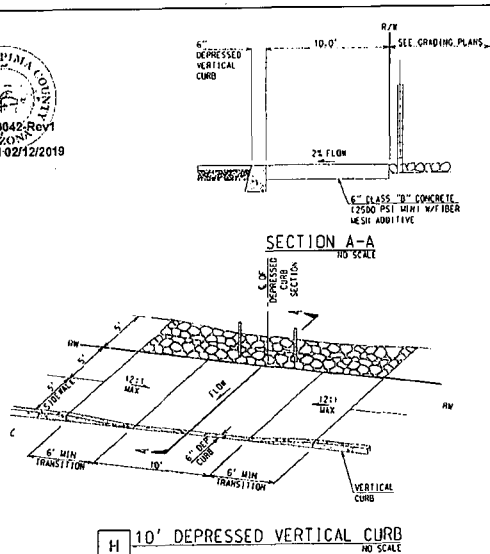
PUBLIC DRAINAGE & SEWER PLANS PREPARED FOR:

RANCHO DEL LAGO RESERVE

LOTS 17-18 & COMMON AREAS 7A, 7B, 7C, 7D, 7E, 7F, 7G, 7H, 7I, 7J, 7K, 7L, 7M, 7N, 7O, 7P, 7Q, 7R, 7S, 7T, 7U, 7V, 7W, 7X, 7Y, 7Z, 7AA, 7AB, 7AC, 7AD, 7AE, 7AF, 7AG, 7AH, 7AI, 7AJ, 7AK, 7AL, 7AM, 7AN, 7AO, 7AP, 7AQ, 7AR, 7AS, 7AT, 7AU, 7AV, 7AW, 7AX, 7AY, 7AZ, 7BA, 7BB, 7BC, 7BD, 7BE, 7BF, 7BG, 7BH, 7BI, 7BJ, 7BK, 7BL, 7BM, 7BN, 7BO, 7BP, 7BQ, 7BR, 7BS, 7BT, 7BU, 7BV, 7BW, 7BX, 7BY, 7BZ, 7CA, 7CB, 7CC, 7CD, 7CE, 7CF, 7CG, 7CH, 7CI, 7CJ, 7CK, 7CL, 7CM, 7CN, 7CO, 7CP, 7CQ, 7CR, 7CS, 7CT, 7CU, 7CV, 7CW, 7CX, 7CY, 7CZ, 7DA, 7DB, 7DC, 7DD, 7DE, 7DF, 7DG, 7DH, 7DI, 7DJ, 7DK, 7DL, 7DM, 7DN, 7DO, 7DP, 7DQ, 7DR, 7DS, 7DT, 7DU, 7DV, 7DW, 7DX, 7DY, 7DZ, 7EA, 7EB, 7EC, 7ED, 7EE, 7EF, 7EG, 7EH, 7EI, 7EJ, 7EK, 7EL, 7EM, 7EN, 7EO, 7EP, 7EQ, 7ER, 7ES, 7ET, 7EU, 7EV, 7EW, 7EX, 7EY, 7EZ, 7FA, 7FB, 7FC, 7FD, 7FE, 7FF, 7FG, 7FH, 7FI, 7FJ, 7FK, 7FL, 7FM, 7FN, 7FO, 7FP, 7FQ, 7FR, 7FS, 7FT, 7FU, 7FV, 7FW, 7FX, 7FY, 7FZ, 7GA, 7GB, 7GC, 7GD, 7GE, 7GF, 7GG, 7GH, 7GI, 7GJ, 7GK, 7GL, 7GM, 7GN, 7GO, 7GP, 7GQ, 7GR, 7GS, 7GT, 7GU, 7GV, 7GW, 7GX, 7GY, 7GZ, 7HA, 7HB, 7HC, 7HD, 7HE, 7HF, 7HG, 7HH, 7HI, 7HJ, 7HK, 7HL, 7HM, 7HN, 7HO, 7HP, 7HQ, 7HR, 7HS, 7HT, 7HU, 7HV, 7HW, 7HX, 7HY, 7HZ, 7IA, 7IB, 7IC, 7ID, 7IE, 7IF, 7IG, 7IH, 7II, 7IJ, 7IK, 7IL, 7IM, 7IN, 7IO, 7IP, 7IQ, 7IR, 7IS, 7IT, 7IU, 7IV, 7IW, 7IX, 7IY, 7IZ, 7JA, 7JB, 7JC, 7JD, 7JE, 7JF, 7JG, 7JH, 7JI, 7JJ, 7JK, 7JL, 7JM, 7JN, 7JO, 7JP, 7JQ, 7JR, 7JS, 7JT, 7JU, 7JV, 7JW, 7JX, 7JY, 7JZ, 7KA, 7KB, 7KC, 7KD, 7KE, 7KF, 7KG, 7KH, 7KI, 7KJ, 7KK, 7KL, 7KM, 7KN, 7KO, 7KP, 7KQ, 7KR, 7KS, 7KT, 7KU, 7KV, 7KW, 7KX, 7KY, 7KZ, 7LA, 7LB, 7LC, 7LD, 7LE, 7LF, 7LG, 7LH, 7LI, 7LJ, 7LK, 7LL, 7LM, 7LN, 7LO, 7LP, 7LQ, 7LR, 7LS, 7LT, 7LU, 7LV, 7LW, 7LX, 7LY, 7LZ, 7MA, 7MB, 7MC, 7MD, 7ME, 7MF, 7MG, 7MH, 7MI, 7MJ, 7MK, 7ML, 7MM, 7MN, 7MO, 7MP, 7MQ, 7MR, 7MS, 7MT, 7MU, 7MV, 7MW, 7MX, 7MY, 7MZ, 7NA, 7NB, 7NC, 7ND, 7NE, 7NF, 7NG, 7NH, 7NI, 7NJ, 7NK, 7NL, 7NM, 7NN, 7NO, 7NP, 7NQ, 7NR, 7NS, 7NT, 7NU, 7NV, 7NW, 7NX, 7NY, 7NZ, 7OA, 7OB, 7OC, 7OD, 7OE, 7OF, 7OG, 7OH, 7OI, 7OJ, 7OK, 7OL, 7OM, 7ON, 7OO, 7OP, 7OQ, 7OR, 7OS, 7OT, 7OU, 7OV, 7OW, 7OX, 7OY, 7OZ, 7PA, 7PB, 7PC, 7PD, 7PE, 7PF, 7PG, 7PH, 7PI, 7PJ, 7PK, 7PL, 7PM, 7PN, 7PO, 7PP, 7PQ, 7PR, 7PS, 7PT, 7PU, 7PV, 7PW, 7PX, 7PY, 7PZ, 7QA, 7QB, 7QC, 7QD, 7QE, 7QF, 7QG, 7QH, 7QI, 7QJ, 7QK, 7QL, 7QM, 7QN, 7QO, 7QP, 7QQ, 7QR, 7QS, 7QT, 7QU, 7QV, 7QW, 7QX, 7QY, 7QZ, 7RA, 7RB, 7RC, 7RD, 7RE, 7RF, 7RG, 7RH, 7RI, 7RJ, 7RK, 7RL, 7RM, 7RN, 7RO, 7RP, 7RQ, 7RR, 7RS, 7RT, 7RU, 7RV, 7RW, 7RX, 7RY, 7RZ, 7SA, 7SB, 7SC, 7SD, 7SE, 7SF, 7SG, 7SH, 7SI, 7SJ, 7SK, 7SL, 7SM, 7SN, 7SO, 7SP, 7SQ, 7SR, 7SS, 7ST, 7SU, 7SV, 7SW, 7SX, 7SY, 7SZ, 7TA, 7TB, 7TC, 7TD, 7TE, 7TF, 7TG, 7TH, 7TI, 7TJ, 7TK, 7TL, 7TM, 7TN, 7TO, 7TP, 7TQ, 7TR, 7TS, 7TT, 7TU, 7TV, 7TW, 7TX, 7TY, 7TZ, 7UA, 7UB, 7UC, 7UD, 7UE, 7UF, 7UG, 7UH, 7UI, 7UJ, 7UK, 7UL, 7UM, 7UN, 7UO, 7UP, 7UQ, 7UR, 7US, 7UT, 7UU, 7UV, 7UW, 7UX, 7UY, 7UZ, 7VA, 7VB, 7VC, 7VD, 7VE, 7VF, 7VG, 7VH, 7VI, 7VJ, 7VK, 7VL, 7VM, 7VN, 7VO, 7VP, 7VQ, 7VR, 7VS, 7VT, 7VU, 7VV, 7VW, 7VX, 7VY, 7VZ, 7WA, 7WB, 7WC, 7WD, 7WE, 7WF, 7WG, 7WH, 7WI, 7WJ, 7WK, 7WL, 7WM, 7WN, 7WO, 7WP, 7WQ, 7WR, 7WS, 7WT, 7WU, 7WV, 7WW, 7WX, 7WY, 7WZ, 7XA, 7XB, 7XC, 7XD, 7XE, 7XF, 7XG, 7XH, 7XI, 7XJ, 7XK, 7XL, 7XM, 7XN, 7XO, 7XP, 7XQ, 7XR, 7XS, 7XT, 7XU, 7XV, 7XW, 7XX, 7XY, 7XZ, 7YA, 7YB, 7YC, 7YD, 7YE, 7YF, 7YG, 7YH, 7YI, 7YJ, 7YK, 7YL, 7YM, 7YN, 7YO, 7YP, 7YQ, 7YR, 7YS, 7YT, 7YU, 7YV, 7YW, 7YX, 7YY, 7YZ, 7ZA, 7ZB, 7ZC, 7ZD, 7ZE, 7ZF, 7ZG, 7ZH, 7ZI, 7ZJ, 7ZK, 7ZL, 7ZM, 7ZN, 7ZO, 7ZP, 7ZQ, 7ZR, 7ZS, 7ZT, 7ZU, 7ZV, 7ZW, 7ZX, 7ZY, 7ZZ, 7AA, 7AB, 7AC, 7AD, 7AE, 7AF, 7AG, 7AH, 7AI, 7AJ, 7AK, 7AL, 7AM, 7AN, 7AO, 7AP, 7AQ, 7AR, 7AS, 7AT, 7AU, 7AV, 7AW, 7AX, 7AY, 7AZ, 7BA, 7BB, 7BC, 7BD, 7BE, 7BF, 7BG, 7BH, 7BI, 7BJ, 7BK, 7BL, 7BM, 7BN, 7BO, 7BP, 7BQ, 7BR, 7BS, 7BT, 7BU, 7BV, 7BW, 7BX, 7BY, 7BZ, 7CA, 7CB, 7CC, 7CD, 7CE, 7CF, 7CG, 7CH, 7CI, 7CJ, 7CK, 7CL, 7CM, 7CN, 7CO, 7CP, 7CQ, 7CR, 7CS, 7CT, 7CU, 7CV, 7CW, 7CX, 7CY, 7CZ, 7DA, 7DB, 7DC, 7DD, 7DE, 7DF, 7DG, 7DH, 7DI, 7DJ, 7DK, 7DL, 7DM, 7DN, 7DO, 7DP, 7DQ, 7DR, 7DS, 7DT, 7DU, 7DV, 7DW, 7DX, 7DY, 7DZ, 7EA, 7EB, 7EC, 7ED, 7EE, 7EF, 7EG, 7EH, 7EI, 7EJ, 7EK, 7EL, 7EM, 7EN, 7EO, 7EP, 7EQ, 7ER, 7ES, 7ET, 7EU, 7EV, 7EW, 7EX, 7EY, 7EZ, 7FA, 7FB, 7FC, 7FD, 7FE, 7FF, 7FG, 7FH, 7FI, 7FJ, 7FK, 7FL, 7FM, 7FN, 7FO, 7FP, 7FQ, 7FR, 7FS, 7FT, 7FU, 7FV, 7FW, 7FX, 7FY, 7FZ, 7GA, 7GB, 7GC, 7GD, 7GE, 7GF, 7GG, 7GH, 7GI, 7GJ, 7GK, 7GL, 7GM, 7GN, 7GO, 7GP, 7GQ, 7GR, 7GS, 7GT, 7GU, 7GV, 7GW, 7GX, 7GY, 7GZ, 7HA, 7HB, 7HC, 7HD, 7HE, 7HF, 7HG, 7HH, 7HI, 7HJ, 7HK, 7HL, 7HM, 7HN, 7HO, 7HP, 7HQ, 7HR, 7HS, 7HT, 7HU, 7HV, 7HW, 7HX, 7HY, 7HZ, 7IA, 7IB, 7IC, 7ID, 7IE, 7IF, 7IG, 7IH, 7II, 7IJ, 7IK, 7IL, 7IM, 7IN, 7IO, 7IP, 7IQ, 7IR, 7IS, 7IT, 7IU, 7IV, 7IW, 7IX, 7IY, 7IZ, 7JA, 7JB, 7JC, 7JD, 7JE, 7JF, 7JG, 7JH, 7JI, 7JJ, 7JK, 7JL, 7JM, 7JN, 7JO, 7JP, 7JQ, 7JR, 7JS, 7JT, 7JU, 7JV, 7JW, 7JX, 7JY, 7



P18SC00042-Rev1
Approved 02/12/2019



H 10' DEPRESSED VERTICAL CURB
NO SCALE

NOTES:
1. THE CONTRACTOR SHALL EXCAVATE AND REMOVE THE SOIL UNDER THE RIP RAP PAD SO THAT THE TOP OF THE RIP RAP PAD WILL MATCH THE FINISHED ELEVATION CALLED OUT ON THE PLAN.

JACKSON JENKINS
DIRECTOR

July 27, 2018

Attn: Mr. Bruce Patton, P.E.
RJA Engineering
1541 E. San Carlos, Suite 111
Tucson, AZ 85712

RE: Special Approval Request for 1/2 mile wide area where maximum street cannot be met

Dear Mr. Patton,

I have reviewed your request for a Special Approval where minimum cover and street depth cannot be met for the Rancho Del Lago Reserve located on 28th & 29th Sections 5, 1, 11, Engineering Design Standards (ESD) "Place the reserve lot as a minimum of 10 feet below the Maximum Proposed Street Depth per the Design Standards, Appendix A, Subsection 10."

The Maximum Proposed Street Depth at the subject crossings is 34 feet. The minimum cover of the reserve through Street is 5 feet + 2 feet = 7 feet. Based on current topographic including available information of the surrounding area, and the proposed street design, the minimum depth was calculated to be 6.72 feet at the hallway, the lowest point in the wash. The minimum of two feet clearance below 28th cannot be met for any distance of less than 10 feet under the hallway. Two foot clearance is satisfied throughout the remainder of the wash crossing, approximately 180 feet. Please see attached drawing.

Given the shortfall of 0.27 feet (3%) of the required depth, the short distance (15 feet), and the lack of discussion regarding cover during period of time, the ESD taking into consideration the proposed plan for protection of the reserve PVE pipe shall be used to substitute for the duration of a pipe rather than on the short, two foot depth. It shall be reinforced per Special Standards for Rancho Del Lago to ensure long term protection.

Sincerely,

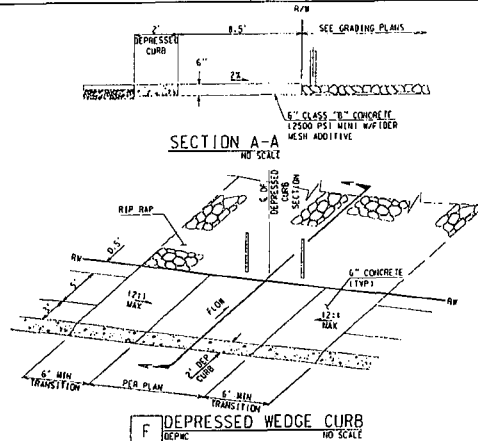
Carol A. Johnson

Carol A. Johnson, P.E., Senior Engineering Manager

CC: Eric Woodhouse, P.E., Deputy Director, Planning and Engineering/Technical Services
James Hartz, P.E., Deputy Director, Engineering
Pete Blanche, P.E., CE Manager, Field Engineering
Travis Gulland, P.E., CE Manager, Engineering Services
Joseph Goffey, Plans Manager/Project Manager, Pima County Development Services
David Smith, P.E., Civil Engineer, Pima County

Attachments:

Rancho Del Lago Reserve - 28th & 29th RJA Engineering T, 20, 18.docx



F DEPRESSED WEDGE CURB
NO SCALE

NOTE: FINAL PAVING SECTIONS SHALL BE PER THE FLEXIBLE PAVEMENT DESIGN REPORT FOR THIS PROJECT. THE MINIMUM PAVING SECTIONS ARE AS FOLLOWS:

COMPACTED SUBGRADE, SCARIFY, MOISTEN TO 5% MOISTURE, RECOMPACT TOP 4" TO 95%
RESIDENTIAL STREET
CUL-DE-SAC AND THROAT
3" AC/6" ABC
3" AC/6" ABC

G "AC" PAVING SECTION
NO SCALE

JACKSON JENKINS
DIRECTOR

December 31, 2018

Attn: Mr. Bruce Patton, P.E.
RJA Engineering
1541 E. San Carlos, Suite 111
Tucson, AZ 85712

RE: Special Approval Request for Alternative Installation Method for the reserve maintenance of the Rancho Del Lago Reserve (Drawings 28 & 29)

Dear Mr. Patton,

I have reviewed your request for an alternative installation method of construction the proposed reserve lot and pipe that will allow the wash for Rancho Del Lago Reserve (Drawings 28 & 29). The first Special Approval Request was to fill and leave the reserve maintenance of the wash a solid barrier. Please refer to Special Approval Request dated July 27, 2018 for specific conditions. (See attached drawing)

As the Pima County is progressing to the special installation method through the maximum proposed reserves the alternative method of open cut is approved, and the impact terms of the July 27, 2018 Special Approval apply.

Sincerely,

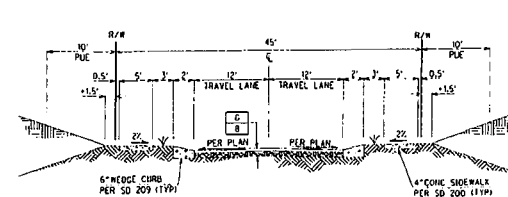
Carol A. Johnson

Carol A. Johnson, P.E., Senior Engineering Manager

CC: Eric Woodhouse, P.E., Deputy Director, Planning and Engineering/Technical Services
James Hartz, P.E., Deputy Director, Engineering
Pete Blanche, P.E., CE Manager, Field Engineering
Travis Gulland, P.E., CE Manager, Engineering Services
Joseph Goffey, Plans Manager/Project Manager, Pima County Development Services
David Smith, P.E., Civil Engineer, Pima County

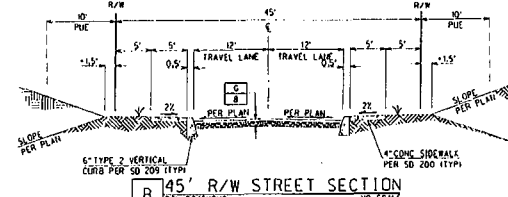
Attachments:

Rancho Del Lago Reserve - 28th & 29th Alternative Installation Method 31, 11, 18.docx



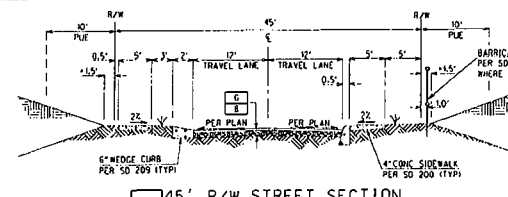
A 45' R/W STREET SECTION
NO SCALE

15' OVERBUILD WHERE ADJACENT TO SLOPE.
SEE PAVING PLANS FOR IMPROVEMENTS WITHIN R/W



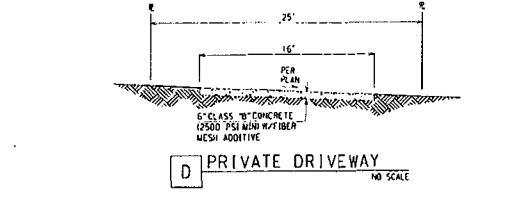
B 45' R/W STREET SECTION
NO SCALE

15' OVERBUILD WHERE ADJACENT TO SLOPE.
SEE PAVING PLANS FOR IMPROVEMENTS WITHIN R/W

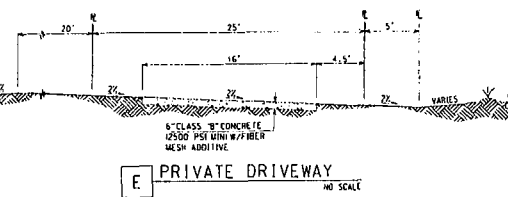


C 45' R/W STREET SECTION
NO SCALE

15' OVERBUILD WHERE ADJACENT TO SLOPE.
SEE PAVING PLANS FOR IMPROVEMENTS WITHIN R/W



D PRIVATE DRIVEWAY
NO SCALE



E PRIVATE DRIVEWAY
NO SCALE

REVISION	NO. OF DATE	REVISION
1	02/12/2019	ADDITION OF SPECIAL APPROVAL LETTER

RICK
RICK'S ENGINEERING
1541 E. SAN CARLOS, SUITE 111
TUCSON, AZ 85712
(520) 298-1000
FAX: (520) 298-1001
WWW.RICKSENG.COM

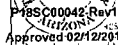
DESIGNED BY: BSM | DATE: 05/18 | CHECKED BY: BSM | DATE: 05/18
DRAWN BY: BSM | DATE: 05/18 | APPROVED BY: BSM | DATE: 05/18

RANCHO DEL LAGO RESERVE
LOTS 179 & COMMON AREAS "A-1"
"B-1", "B-2", "B-3", "B-4"

PUBLIC PAVING & SEWER PLANS PREPARED FOR:
RANCHO DEL LAGO RESERVE
LOTS 179 & COMMON AREAS "A-1"
"B-1", "B-2", "B-3", "B-4"

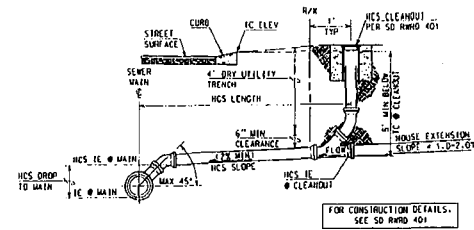
CONTRACT NO. 2018-053
P18SC00042
P18TP00008

HORIZ: N/A
VERT: N/A
SHEET 8 OF 10
11-JAN-2019

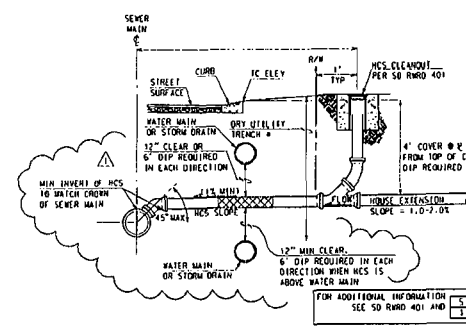


P18SC00042-Rev1
Approved 02/12/201

MANHOLE AS-BUILT INFORMATION		
STATE PLANE COORDINATES		
ARIZONA CENTRAL ZONED		
INTERNATIONAL FT AT RISE		
MANHOLE NO.	NORTHING	EASTING
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2		
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15		



S1 SEWER LATERAL DETAIL



S2 "FLAT" HCS CONNECTION
(MODIFIED)
DIL: FLATHCS TOM

REV	DATE	REVISION
1	10/1/77	1
2	10/1/77	2
3	10/1/77	3
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100	10/1/77	100

[illegible]

**RANCHO DEL
LAGO RESERVE**

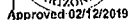
LOTS 1-79 & COMMON AREAS 1A-1",
"B-1", "B-2", & "C-1" & "C-2"

Call 800-4-A-R-ZONA or visit Arizona08.com

G-2018-053
P18SC00042
P18TP00008

HORIZ : N/A
VERT : N/A
SHEET 9 OF 10

51 JAN 2019 1615



- PUBLIC PAYING & SEWER PLANS PREPARED FOR:**

RANCHO DEL LAGO RESERVE

LOTS 1-79 & COMMON AREAS "A-1", "B-1", "B-2", & "C-1" & "C-2"

DATE: 05/18 DECDED BY: BSW DATE 06/18

RECORDED BY: RSM APPROVED BY: SHP

City of Sonoma

 Planning & Development Department
 400 E. Main Street, Suite 200
 Sonoma, CA 94960
 Phone: (707) 938-5000
 Fax: (707) 938-5001
 Email: sonoma@sonoma.ca.gov

G-2018-053

P18SC000042

P18TP00008

HORIZ. 1" = 50'

VERT. 1" = 10'

SHEET 10 OF 10

Robert Swearing of UIC