



BOARD OF SUPERVISORS AGENDA ITEM REPORT

Requested Board Meeting Date: 10/06/2020

Project Name: Rancho Del Lago Block D Phase 2B
Title: Lots: 22-80 & Common Areas "A" & "C"
Plan #: P17SC00065
Owner/Developer: KB Home

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: Arant. Oliver 8/28/2020

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

County Administrator Signature/Date: C. Delaney 9/1/2020

Date: August 25, 2020

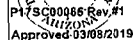
To: Ana M. Olivares, P.E.
Director

From: Brian Crowninshield, Manager
ROW Management *BC*

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

Subject: Project/Roadway: Rancho Del Lago Block D Phase 2B
Lots: 22-80 & Common Areas "A" & "C"
Plan Number: P17SC00065
Developer/Owner: KB Home

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.



1. CURB RADII ARE MEASURED TO FRONT FACE OF CURB.

- Approved by 11/15/08

23. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FULLY COMPLY WITH THE ARIZONA POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN PREPARED FOR THIS PROJECT.

24. IRRIGATION/ELECTRICAL SLEEVES SHALL BE 4" ABS OR PVC SCHWEMME 40
SLEEVES SHALL BE PLACED 18" BELOW FINISHED GRADE AND SHALL EXTEND 2'
MINIMUM BEYOND THE END OF EACH SLOPE TO PREVENT SOIL EROSION.
ALL SLEEVES SHALL BE MARKED UPON AS-BUILT PLANS AND SHALL BE COVERED WITH HEAVY
DUTY TAPE TO PREVENT SOIL FROM ENTERING SLEEVES UPON BACK FILLING.
25. THE GENERAL CONTRACTOR SHALL COORDINATE ALL RIP RAP SLOPE TREATMENT
WITH THE DESIGNER'S INTENTIONS IN ORDER TO MAINTAIN PROPER DRAINAGE PATTERNS
AND IRRIGATION LINES WITHIN AREAS TO BE RIP RAPPED SHALL BE COORDINATED TO
THE WORK AREA. THE WORK AREA SHALL BE PROTECTED BY BARRICADES PRIOR TO
BEING PLACED. SEE LANDSCAPE PLANS FOR PLANTINGS AND IRRIGATION LINES WITHIN
AREAS TO BE RIP RAPPED.
26. THE GRADING CONTRACTOR SHALL EXCAVATE AND REMOVE THE SOIL BENEATH ALL
PREVIOUS RIP RAP AREAS SUCH THAT THE FINISHED SURFACE OF THE RIP RAP
WILL MATCH THE FINISHED SURFACE ELEVATION AND SLOPE AS CALLED OUT ON
THE PLANS.
27. THE GRADING CONTRACTOR SHALL EXCAVATE AND REMOVE THE SOIL BENEATH ALL
RECOMPOSED GRANITE AREAS SO THAT THE FINISHED SURFACE OF THE
RECOMPOSED GRANITE WILL MATCH THE FINISHED SURFACE ELEVATION AND SLOPE AS CALLED
OUT ON THE PLANS. WATER HARVESTING AREAS SHALL BE KEPT LOW TO
ACHIEVE THE FULL DEPTH OF WATER HARVESTING TO THE DESIRED DEPTH OF THE FACE
OF THE RECOMPOSED GRANITE. LANDSCAPING IS REQUIRED FOR RECOMPOSED GRANITE
AREAS.
28. THE BOTTOMS OF ALL RETENTION AND/OR DETENTION BASINS SHALL BE
DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE ENGINEER'S RECOMMENDATIONS TO
FACILITATE COLLECTOR INFILTRATION AND SHALL REMAIN "NATURAL". IE,
NO RECOMPOSED GRANITE, SAND, OR OTHER MATERIALS SHALL BE USED TO
CONSTRUCT THE BASIN BOTTOMS. WHENEVER POSSIBLE, IRRIGATION LINES AND
EQUIPMENT SHALL NOT BE PLACED WITHIN THE BASIN OR NEARBY. PROVIDE WORKER PARKING OR
MATERIAL STORAGE AT ANYTIME DURING CONSTRUCTION. THE CONTRACTOR SHALL
MAINTAIN A RELIABLE RECORD OF ALL ACTIVITIES PERFORMED IN THE BASIN PRIOR TO
REMOVING EARTHWORK EQUIPMENT FROM PROJECT SITE AND/OR BEGINNING
ANY OTHER ACTIVE CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE AND CONFIRM WITH
THE SOILS ENGINEER THE SPECIFIC COMPACTION/TREATMENT SPECIFICATION
REQUIREMENTS FOR THE BASIN BOTTOMS.
29. THE CONTRACTOR SHALL CONFIRM THAT ALL RETENTION AND/OR DETENTION
BASINS ARE IN CONFORMANCE WITH THE PLANS AND SHALL CONFIRM
THE REQUIRED STORAGE VOLUMES PRIOR TO BEGINNING ANY LANDSCAPING
ACTIVITIES. THE CONTRACTOR SHALL MAINTAIN RECORDS OF ALL ACTIVITIES
RECOMMENDED THAT ALL RETENTION AND/OR DETENTION BASINS BE LOOSE TOPPED
UNTIL THEY HAVE BEEN MADE COMPLYING WITH THE REQUIREMENTS OF THE SECTION
ENTIRELY BY A REGISTERED LAND SURVEYOR. SEALED AS-BUILT DRAWINGS
SHALL BE SUBMITTED TO THE CONTRACTOR SHALL COORDINATE AND CONFIRM WITH
THE SOILS ENGINEER ANY LANDSCAPING ACTIVITIES WITHIN OR ADJACENT TO
THE BASINS.
30. REFER TO THE FINAL PLAN FOR THIS PROJECT FOR ADDITIONAL HORIZONTAL
DIMENSIONS AND RECORDING INFORMATION.
31. ALL REMAINING DISTURBED AREAS, EXCEPT RETENTION AND/OR DETENTION BASIN
BOTTOMS, NOT OTHERWISE ALLOWED, SHALL BE STABILIZED IN A FINAL
MANNER IN CONFORMANCE WITH THE PLANS AND SHALL BE MAINTAINED THROUGHOUT THE LIFE-SPAN
OF THIS PROJECT. A NOTICE OF TERMINATION TO CLOSE
OUT THE CDDP'S NOTICE OF INTENT CANNOT BE FILED WITH ADO UNTIL THESE
STABILIZATION REQUIREMENTS ARE MET.
32. A GEOCHEMICAL ENGINEERING INVESTIGATION, INCLUDING REPERTURES
FOR GRADING PROCEDURES HAS BEEN PREPARED BY PROTEKX THE PIPERITS LLC.
THIS REPORT OPERATES UNDER THE AUTHORITY OF THE STATE OF ARIZONA
CONTAINED IN SAID REPORT, DATED 12/21/2016, PROTEKX JOB NO. G151.
33. WHERE A TRAIL OR OTHER WALKWAY FEELS ITIES INTO THE BACK OF A
PEDESTRIAN RAMP, THE CONCREE LAUNCH AT THAT POINT INTO THE RAMP SHALL
BE CONSIDERED A SIDEWALK AND A SIGN MUST BE INSTALLED INTO THE RAMP SURFACE.
34. THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED BY GOVERNMENTAL
AGENCIES.
35. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE OCCUPATIONAL SAFETY
AND HEALTH ADMINISTRATION REGULATIONS.
36. UPON COMPLETION OF WORK, TRAFFIC CONTROL DEVICES SHALL BE POSITED AND
MAINTAINED THROUGHOUT THE LIFE-SPAN OF THE PROJECT. THE WORK IS COMPLETED.
ALL WARNING SIGNS, BARRICADES, ETC., SHALL BE IN ACCORDANCE WITH THE
STATE UNIFORM FIRE CODE, CHAPTER 18, WHICH WAS ADOPTED BY THE STATE OF
ARIZONA PURSUANT TO A.R.S. 28-650.

1. ALL DESIGN STANDARDS, MATERIALS, AND WORKMANSHIP FOR PUBLIC SANITARY SEWERS SHALL BE IN ACCORDANCE WITH THE PINA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT (PCRRD) ENGINEERING DESIGN STANDARDS 2016 EDS.

- [illegible]

1. ALL NEW PUBLIC SEWER MANHOLES SHALL BE 4' - DIAMETER PER STANDARD DETAIL
RWD 205 UNLESS OTHERWISE NOTED.

1.5x 14

KEYNOTES

1. EASEMENT GRANTED TO PUBLIC UTILITIES AND PIMA COUNTY BY FINAL PLAN.

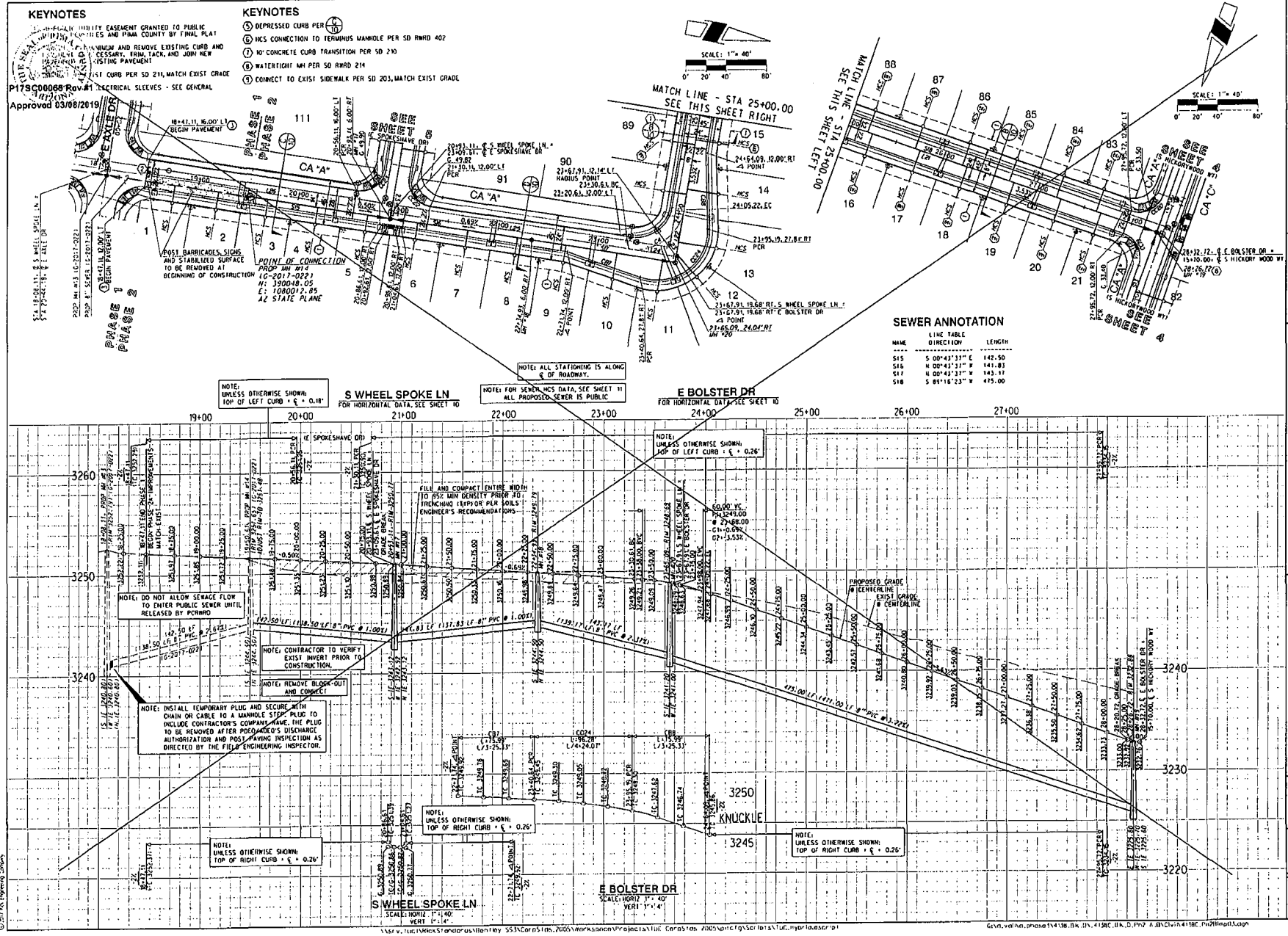
2. MINIMUM AND REMOVE EXISTING CURB AND CEASARY, BRIM, TACK, AND JOIN NEW 18" R/W. EXISTING PAVEMENT.

3. 18" CURB PER 50' 214, MATCH EXIST GRADE.

4. ELECTRICAL SLEEVES - SEE GENERAL.

P17SC00065 Rev. 01
Approved 03/08/2019

- KEYNOTES**
- 1. DEPRESSED CURB PER 18"
 - 2. HES CONNECTION TO TERNUS MANHOLE PER 50' R/W 402
 - 3. NO CONCRETE CURB TRANSITION PER 50' 210
 - 4. WATERTIGHT MH PER 50' R/W 214
 - 5. CONNECT TO EXIST SIDEWALK PER 50' 203, MATCH EXIST GRADE



SEWER ANNOTATION

NAME	DIRECTION	LENGTH
S15	S 00°41'31" E	142.50
S16	N 00°41'31" W	141.83
S17	N 00°41'31" W	143.17
S18	S 89°18'23" W	415.00

RICK

ALAN R. RICK, P.E. 1000 N. 10TH AVE. SUITE 100 TUCSON, AZ 85710 (520) 298-1234

RANCHO DEL LAGO

BLOCK D

PHASE 2B

LOTS 22-80 & COMMON AREAS "A" & "C"

PUBLIC PAVING & SEWER PLANS FOR:

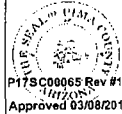
P17SC00065
G-2017-097
P16TP00009

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

SHEET 3 OF 12

DATE: 03/07/19
DATE: 03/07/19
DATE: 03/07/19

REVISION

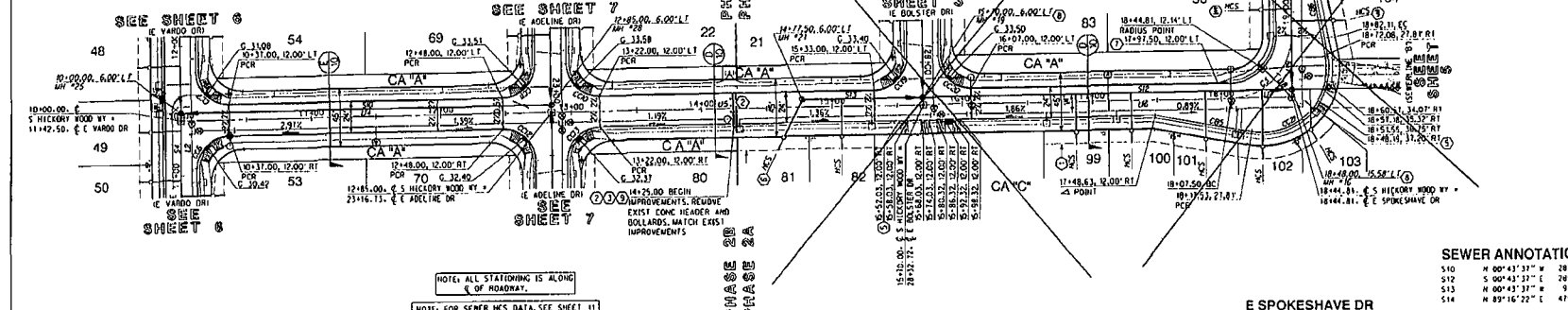


KEYNOTES

- 1) BY PUBLIC UTILITY EASEMENT GRANTED TO PUBLIC UTILITY COMPANIES AND PHILA COUNTY BY FINAL PLAT
- 2) SANCUT AT 1" MINIMUM AND REMOVE EXISTING CURB AND PAVEMENT AS NECESSARY, TRIM, TACK, AND JOIN NEW PAVEMENT TO EXISTING PAVEMENT
- 3) CONNECT TO EXIST CURB PER SD 231, MATCH EXIST GRADE
- 4) 4" IRRIGATION/ELECTRICAL SLEEVES - SEE GENERAL NOTE 24
- 5) DEPRESSURE CURB PER (L)
- 6) MCS CONNECTION TO TENUHUS MANHOLE PER SD RWD 402

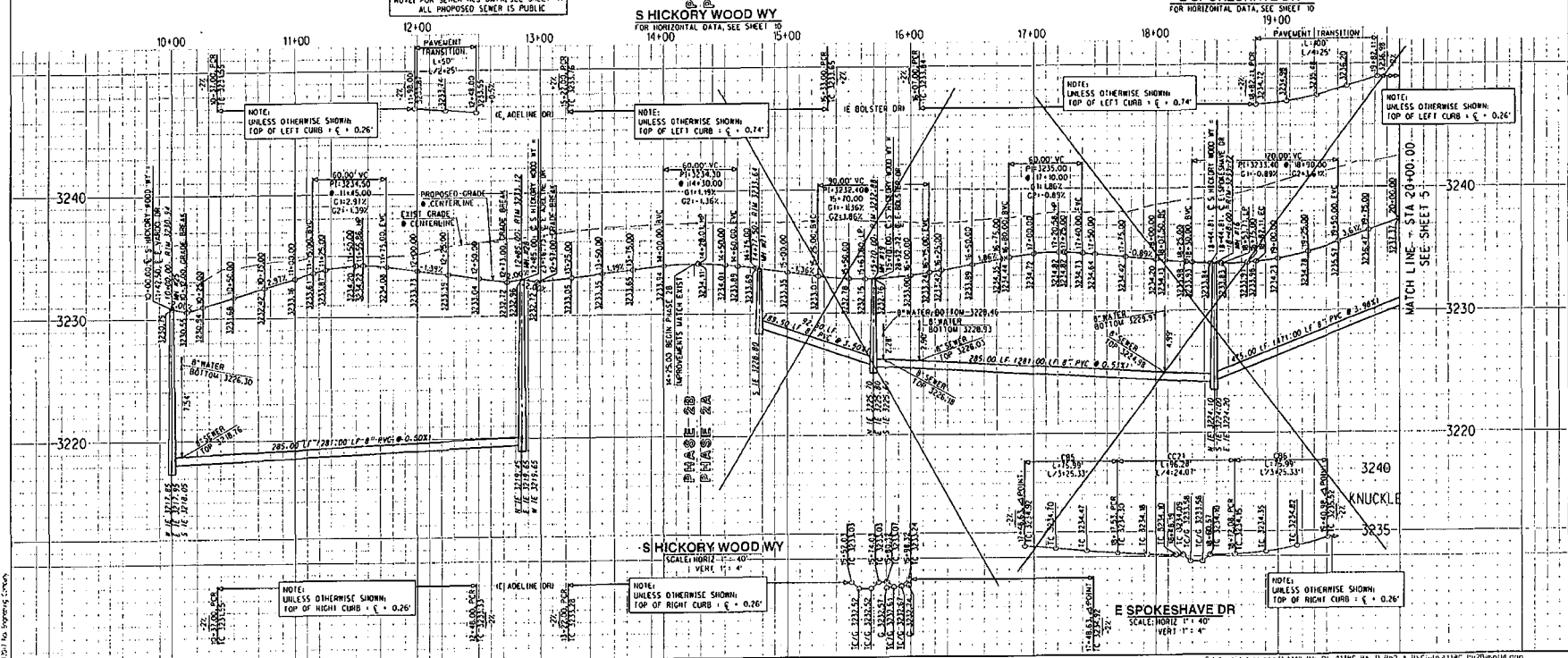
KEYNOTES

- 1) NO CONCRETE CURB TRANSITION PER SD 210
- 2) WATER TIGHT W/IN PER SD RWD 214
- 3) CONNECT TO EXIST SIDEWALK PER SD 203, MATCH EXIST GRADE



SEWER ANNOTATION

510	H 00°43'37" W	285.00
512	S 00°43'37" E	245.00
513	H 00°43'37" W	37.50
514	H 89°16'22" E	475.00



DATE: 03/17
DRAWN BY: RSM
CHECKED BY: BWP
DATE: 03/17

RICK
SEWER & WATER
ENGINEERS & ARCHITECTS

PUBLIC PAVING & SEWER PLANS FOR:
RANCHO DEL LAGO
BLOCK D
PHASE 2B
LOTS 22-40 & COMMON AREAS "A" & "C"

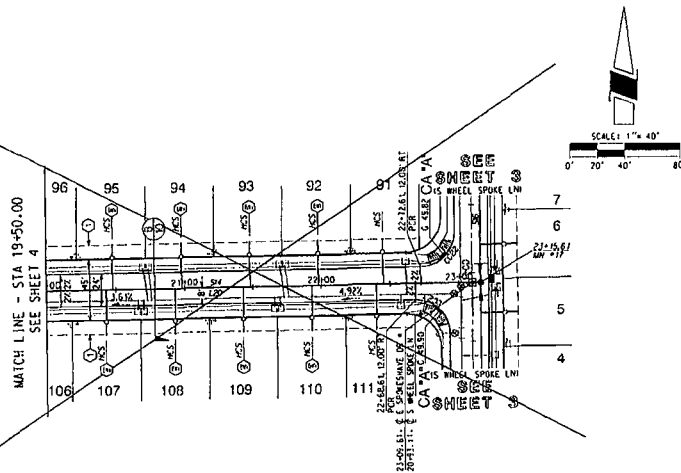
P17SC00065
C-2017-097
P16TP00009

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

SHEET 4 OF 12



P17SC00065 Rev #1
Approved 03/08/2019

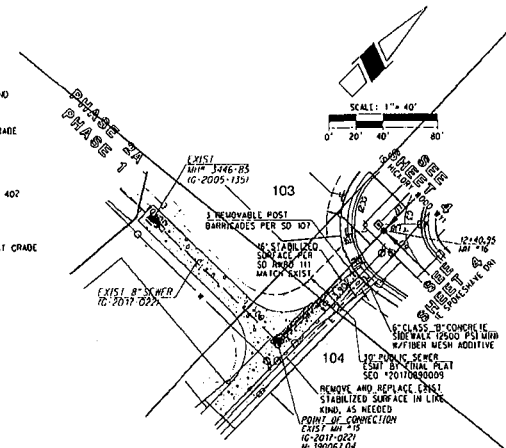


KEYNOTES

1. PUBLIC UTILITY EASEMENT GRANTED TO PUBLIC UTILITY COMPANIES AND PINA COUNTY BY FINAL PLAT
2. SAWCUT AT 1' MINIMUM AND REMOVE EXISTING CURB AND PAVEMENT AS NECESSARY. TRIM, JACK, AND JOIN NEW PAVEMENT TO EXISTING PAVEMENT
3. CONNECT TO EXIST CURB PER SD 211, MATCH EXIST GRADE
4. 3/4" IRRIGATION/ELECTRICAL SLEEVES - SEE GENERAL NOTE 24
5. DEPRESSURE CURB PER (S)
6. HCS CONNECTION TO TIE-IN MANHOLE PER SD RWRD 407
7. 10' CONCRETE CURB TRANSITION PER SD 210
8. WATERTIGHT MAN PER SD RWRD 214
9. CONNECT TO EXIST SIDEWALK PER SD 203, MATCH EXIST GRADE

SEWER ANNOTATION

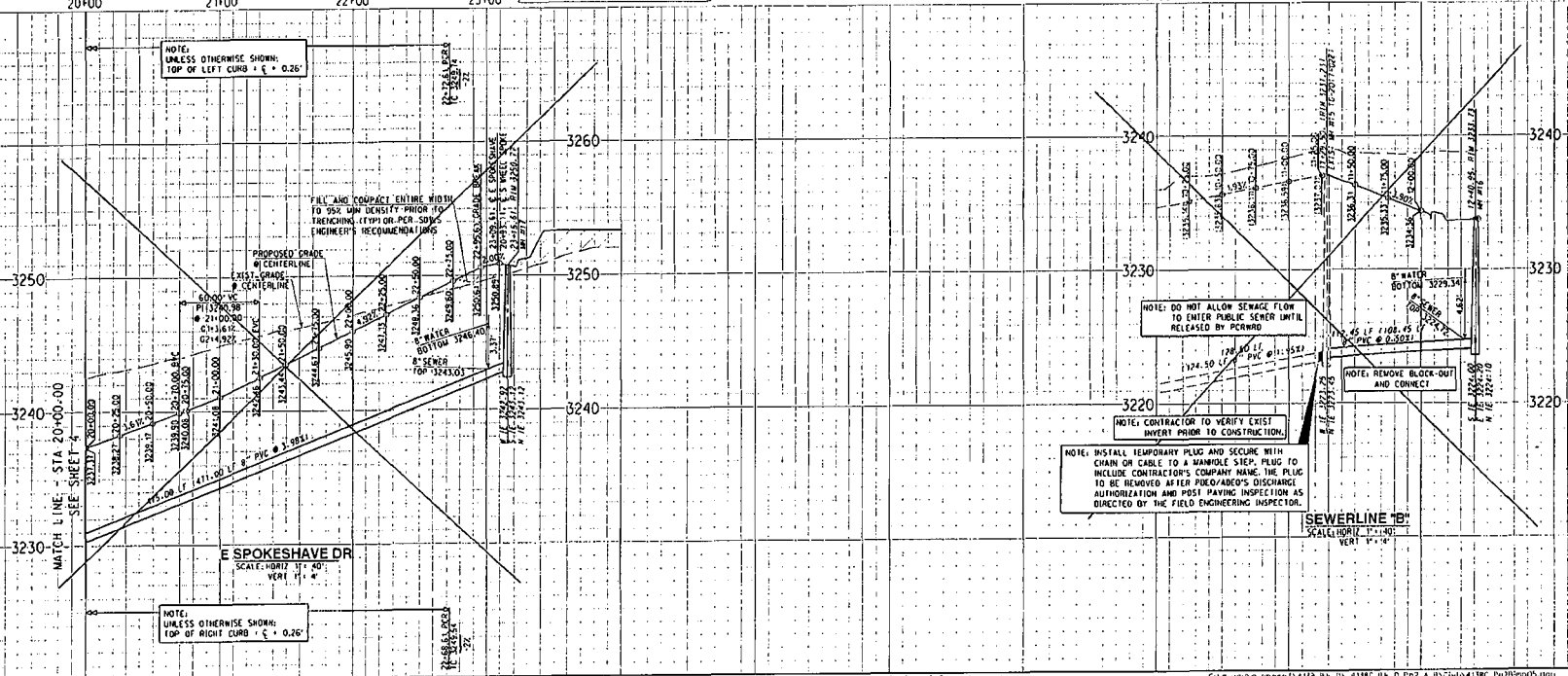
NAME	LINE TABLE	LENGTH
S11	S 00°43'31" E	112.45
S14	N 89°16'22" E	475.00



SEWERLINE 'B'

FOR HORIZONTAL DATA, SEE SHEET 10
10+00 11+00 12+00

E SPOKESHAVE DR
FOR HORIZONTAL DATA, SEE SHEET 10
20+00 21+00 22+00 23+00

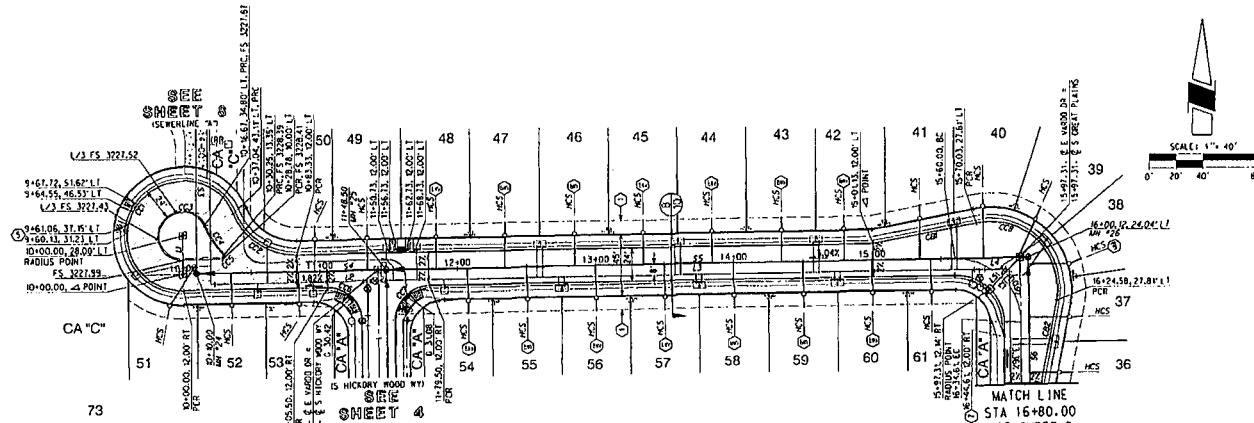


RICK DEL LAGO
PUBLIC ENGINEER
10000
03/08/2019

RANCHO DEL LAGO
BLOCK D
PHASE 2B
LOTS 22-80 & COMMON AREAS 'A' & 'C'



P17SC00065
C-2017-097
P16TP00009
HORIZ: 1" = 40'
VERT: 1" = 4'
SHEET 5 OF 12

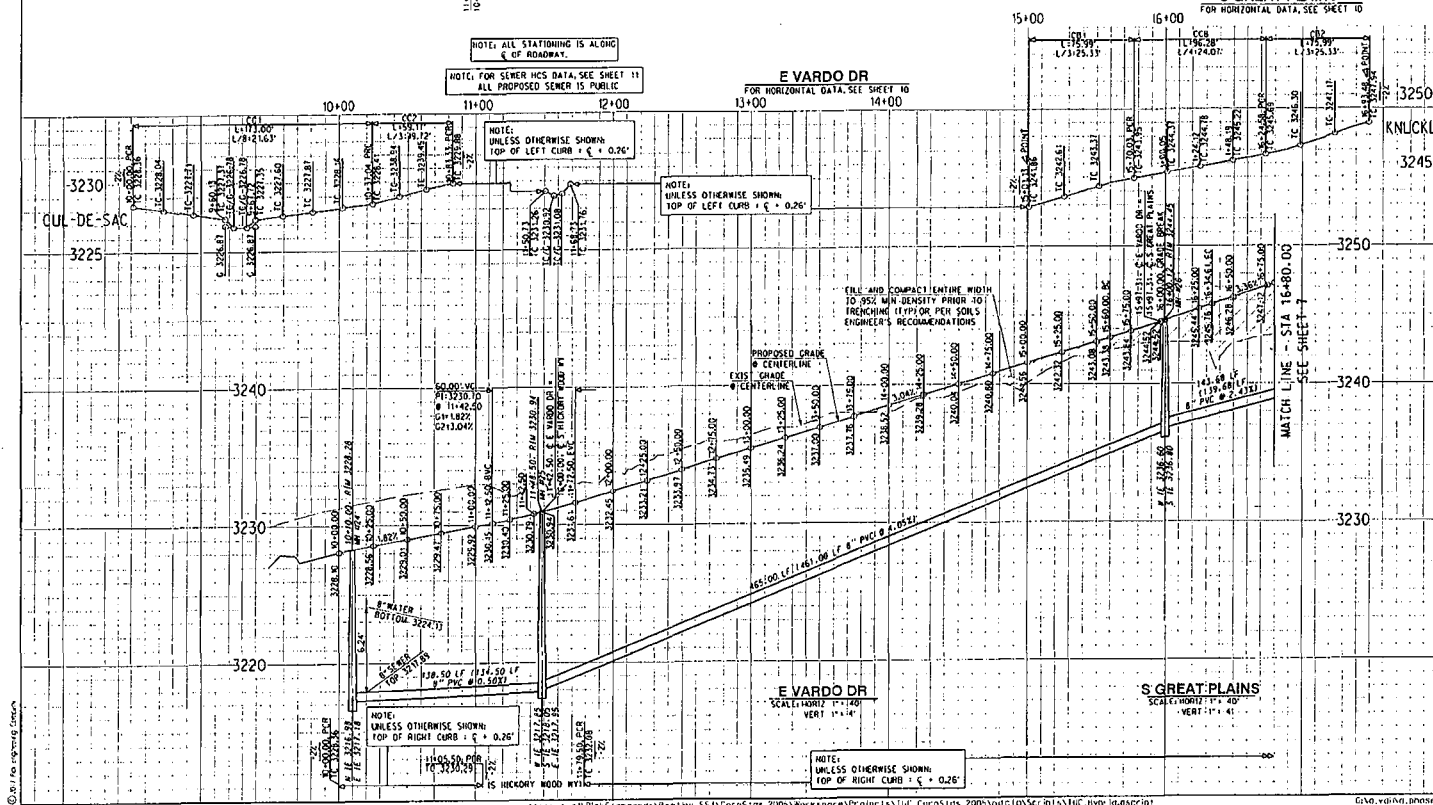


KEYNOTES

- 10' PUBLIC UTILITY EASEMENT GRANTED TO PUBLIC UTILITY COMPANIES AND PIMA COUNTY BY FINAL PLAN
- SANITARY AT 1" MINIMUM AND REMOVE EXISTING CURB AND PAVEMENT AS NECESSARY. TRIM, JACK, AND JOIN NEW PAVEMENT TO EXISTING PAVEMENT
- CONNECT TO EXIST CURB PER SD 214 MATCH EXIST GRADE
- 3" 4" IRRIGATION/ELECTRICAL SLEEVES - SEE GENERAL NOTE 24
- DEPRESSED CURB PER (C) 10
- HCS CONNECTION TO TERTIARY MANHOLE PER SD RWRD 402
- 10' CONCRETE CURB TRANSITION PER SD 210
- WATERTIGHT W/ PER SD RWRD 214
- CONNECT TO EXIST SIDEWALK PER SD 203, MATCH EXIST GRADE

SEWER ANNOTATION

NAME	LINE	TABLE	LENGTH
	DIRECTION		
54	N 89°16'23"E	136.50	
55	N 89°14'23"E	165.00	
56	S 80°43'31"E	143.00	



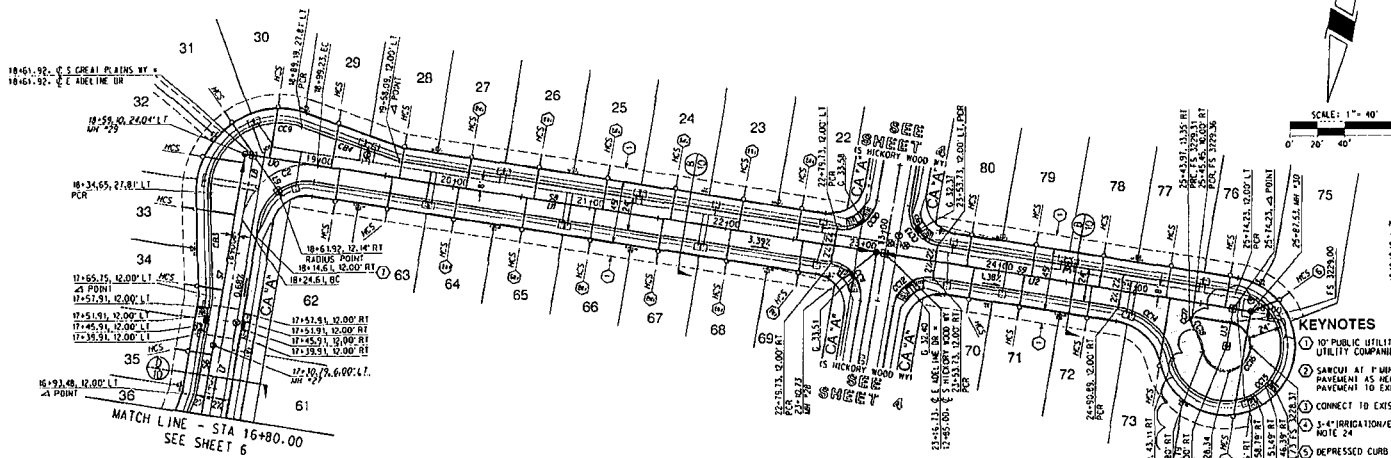
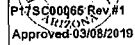
PUBLIC PAYING & SEWER PLANS FOR
RANCHO DEL LAGO
BLOCK D
PHASE 2B
LOTS 22-30 & COMMON AREAS "A" & "C"

DATE: 03/08/2019
DRAWN BY: RSM
CHECKED BY: BNP
DATE: 03/08/2019

P17SC00065
G-2017-097
P16TP00009

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

SHEET 6 OF 12



SEWER ANNOTATION		
NAME	LINE TABLE DIRECTION	LENGTH
S6	S 00°43'32" E	143.68
S7	S 00°43'37" E	141.32
S8	N 89°16'21" E	465.00
S9	N 89°16'21" E	276.50

KEYNOTES

- 1) PUBLIC UTILITY EASEMENT GRANTED TO PUBLIC UTILITY COMPANIES AND PIMA COUNTY BY FINAL PLAT
- 2) SAWCUT AT PAVEMENT AND REMOVE EXISTING CURB AND PAVEMENT AS NECESSARY, NAIL, TACK, AND JOIN NEW PAVEMENT TO EXISTENCE
- 3) CONNECT TO EXIST CURB PER SD 211, MATCH EXIST GRADE
- 3-4" IRRIGATION/ELECTRICAL SLEEVES - SEE GENERAL NOTE 24
- 5) DEPRESSION CURB PER $\frac{N}{10}$
- 6) MCS CONNECTION TO TERMINUS MAINLINE PER SD RMD 402
- 7) 10" CONCRETE CURB TRANSITION PER SD 210
- 8) WATER TIGHT NH PER SD RMD 214
- 9) CONNECT TO EXIST SIDEWALK PER SD 203, MATCH EXIST GRADE

[illegible]

**RANCHO DEL LAGO
BLOCK D
PHASE 2B
LOTS 22-60 & COMMON**

Contact Arizona 811 at 800-485-4141
 Monday-Friday 8a-5p, Sat 9a-5p, Sun 10a-5p

 Call 811 or visit Arizona811.com

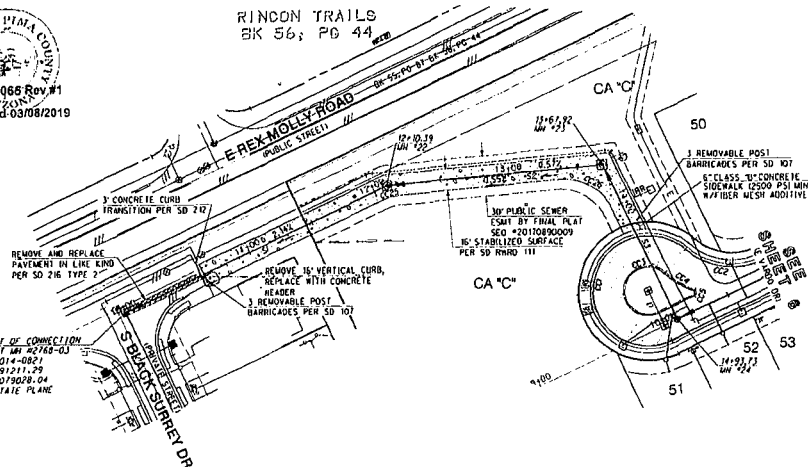
P17SC00065
G-2017-097
P16TP00009
SCALE: HORIZ : 1" = 40'
VERT : 1" = 4'
SHEET 7 OF 12

05 MAR 2019

REPORTING NUMBER 015-02



RINCON TRAILS
BK 56; PG 44



NOTE: ALL STATIONING IS ALONG
OF ROADWAY.

NOTE: FOR SEWER HCS DATA, SEE SHEET 11
ALL PROPOSED SEWER IS PUBLIC

SEWERLINE "A"

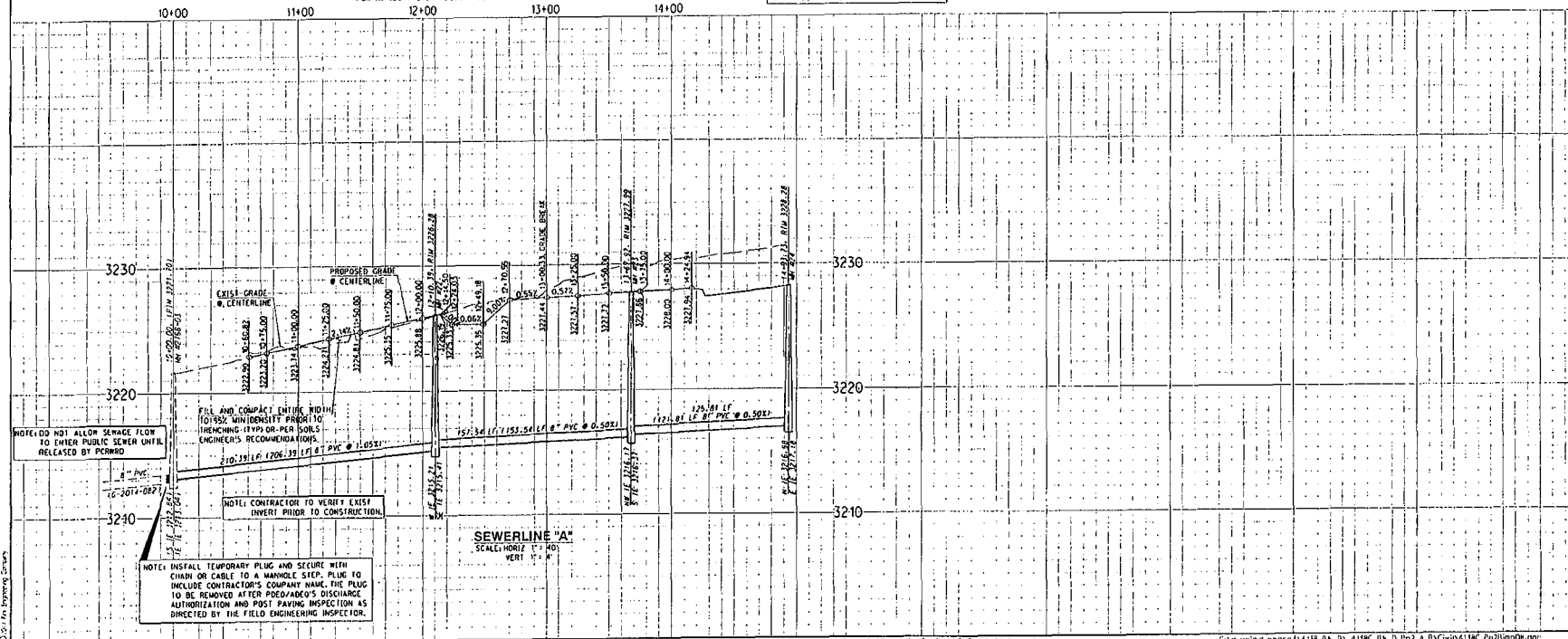
SEWERLINE "A"
FOR HORIZONTAL DATA, SEE SHEET NO.

KEYNOTES

- ① 10' PUBLIC UTILITY EASEMENT GRANTED TO PUBLIC UTILITY COMPANIES AND PINA COUNTY BY FINAL PLAT
- ② SAWCUT AT 1' MINIMUM AND REMOVE EXISTING CURB AND PAVEMENT AS NECESSARY. TRIM, JACK, AND JOIN NEW PAVEMENT TO EXISTING PAVEMENT
- ③ CONNECT TO EXIST CURB PER SD 211, MATCH EXIST GRADE
- ④ 3-4" IMBURGATION/ELECTRICAL SLEEVES - SEE GENERAL NOTE 24
- ⑤ DEPRESSED CURB PER $\frac{1}{2}$ "
- ⑥ HCS CONNECTION TO TERMINUS MANHOLE PER SD RWHD 402
- ⑦ 10' CONCRETE CURB TRANSITION PER SD 210
- ⑧ WATERIGHT 181 PER SD RWHD 214
- ⑨ CONNECT TO EXIST SIDEWALK PER SD 203, MATCH EXIST GRADE

SEWER ANNOTATION

NAME	LINE TABLE		LENGTH
	DIRECTION		
S1	N 89° 30' 12" E		210.39
S2	S 70° 06' 46" E		157.54
S3	N 00° 43' 37" W		125.81



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PUBLIC PAVING & SEWER PLANS FOR:

CHO DEL LAGO

BLOCK D

NONHOD & COMMON
017 7541

S 22-80 & COMMON
AREAS "A" & "C"

P17SC00065

G-2017-097

U-2017-097
P16TP00009

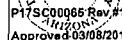
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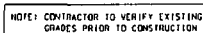
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SHEET 8 OF

21 SEP-2017



Approved-03/08/201



1. ALL EQUIPMENT/MATERIALS AND CONSTRUCTION SHALL MEET OR EXCEED THE REQUIREMENTS CONTAINED IN THE CURRENT CITY OF TUCSON/PIMA COUNTY SPECIFICATIONS. THE CITY OF TUCSON/PIMA COUNTY SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, THE SPECIAL PROVISIONS AND THESE PLANS. ALL PAYMENT DRAWINGS SHALL BE IN ACCORDANCE WITH THE CITY OF TUCSON/PIMA COUNTY PAVEMENT DESIGN MANUAL AND APPLICABLE AMENDMENTS.
2. THE STRIPING CONTRACTOR SHALL CONTACT THE PIMA COUNTY PAVEMENT MARKING SUPERVISOR 15003124-7624 AT LEAST THREE (3) WORKING DAYS IN ADVANCE OF ANY PAVEMENT MARKING BEING INSTALLED TO SCHEDULE INSPECTION AND APPROVAL. OF PAVEMENT MARKINGS DURING NORMAL BUSINESS HOURS MONDAY THRU FRIDAY 8:00 AM - 5:00 PM.
3. UPON APPROVAL OF THE PAVEMENT MARKING LAYOUT, THE PIMA COUNTY PAVEMENT MARKING SUPERVISOR WILL ISSUE WRITTEN AUTHORIZATION TO CONTRACTOR TO PROCEED WITH INSTALLING ALL PAVEMENT MARKINGS AND ASSOCIATED REFLECTIVE PAINTS. THE PAVEMENT MARKING CONTRACTOR SHALL:
4. THE PERMANENT PAVEMENT MARKINGS MAY BE MODIFIED AS DIRECTED AND APPROVED BY THE TRAFFIC ENGINEER OR THEIR DESIGNER.
5. THE DESIGN SPEED FOR CAVING LANE WIDTH IS 50 AND 25 FOR INTERIOR PRIVATE STREETS. THE DESIGN VEHICLE IS A TRUCK. THE POSTED SPEED LIMIT SHALL BE 50 MPH FOR MAIN LANE AND 25 MPH FOR SIDE LANE.
6. ALL LANE DIMENSIONS ARE MEASURED FROM THE CENTER OF LANE LINE, CENTER OF DOUBLE LANE LINE, OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
7. THE PAVEMENT MARKING DRAWINGS ARE SCHEMATIC ONLY; THE CONTRACTOR SHALL FOLLOW ALL APPLICABLE PAVEMENT MARKING STANDARDS AND SPECIFICATIONS OF THE PIMA COUNTY STANDARDS WHEN INSTALLING PAVEMENT STRIPING, SYMBOLS, LEGENDS, AND MARKERS.
8. PAINTED LAYOUT STRIPING SHALL BE 15 MILS (0.015") THICK, WATER BASED EMULSION TYPE, WITH A PAVEMENT PREPAREMENT FOR PROLONGED USE. SECTION OF ASHSTH M 247-11 TYPE 1 GLASS BEADS WITH ADESHION/MISTURE PROOF COATING. PAINT SHALL BE APPLIED TO THE PAVEMENT SURFACE WITHIN FIVE (5) WORKING DAYS OF THE FINAL PRELIMINARY SURVEY BEING COMPLETED.
9. PAINTED SYMBOLS AND LEGENDS SHALL BE APPLIED AT THE SAME TIME AS THE PAVEMENT STRIPING, WITH THE EXCEPTION OF BIKELANE SYMBOLS AND WORDS

10. THE FINAL LONGITUDINAL STRIPING SHALL BE 90 MIL (10.00%) RIBBON EXTRUDED THERMOPLASTIC REFLECTORIZED STRIPING APPLIED OVER THE PAINTED SURFACE OF THE PAVEMENT. THE COLOR OF THE STRIPING SHALL BE WHITE OR ASHITO M 247-13 TYPE I CLASS LEADS. THE FINAL LONGITUDINAL STRIPING SHALL BE PLACED WITHIN ONE (1) CLASS BAND TO CALENDAR YEAR 2000. THE STRIPING SHALL BEING COMPLETED PRIOR TO THE EXPIRATION OF THE MARKINGS SHALL BE APPLIED DURING THE FINAL LONGITUDINAL STRIPING.
11. ALL FINAL TRANSVERSE STRIPING, INCLUDING SYMBOLS AND LEGENDS, SHALL BE A MINIMUM OF .06 INCHES THICK AND HAVE A MINIMUM RESISTIVITY TO POUNDS PER 100 SQUARE FOOT OF ASHITO M 247-13 TYPE I CLASS LEADS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF PAVEMENT MARKINGS ON THE FINAL SURFACE COURSE FOLLOWING ONE CONTROL SECTION. THE SECTION LENGTH SHALL BE NO MORE THAN 100 FEET. THE MARKINGS BEEN SET TO NO MORE THAN 50 FEET APART ON CURVE SECTIONS AND 200 FEET APART ON STRAIGHT SECTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE FINAL SURFACE COURSE IS PAVED SO THAT THE CONSTRUCTION JOINT IS NO MORE THAN ONE FOOT OFF FROM THE FINAL STRIPING.
13. ALL RETROREFLECTIVE RAISED PAVEMENT WARNERS (RPMW OR RPMW) SHALL BE INSTALLED AT THE FACE OF EACH WARNING SIGN LOCATING THE DIRECTION OF TRAFFIC AND IS PERPENDICULAR TO THE DIRECTION OF TRAFFIC FLOW. TYPE C OR D PAVEMENT MARKINGS SHALL BE INSTALLED SO THAT THE CLEARANCE BETWEEN THE REFLECTORIZED STRIPING AND THE PAVEMENT MARKINGS IS PERPENDICULAR TO THE DIRECTION OF TRAFFIC FLOW TO WHICH IT APPLIES.
14. ALL RETROREFLECTIVE RAISED PAVEMENT WARNERS (RPMW or RPMW) SHALL BE USED FOR THE PURPOSE OF THE EDITION OF THE PECCOT PAVEMENT MARKING MANUAL AND APPLICABLE AMENDMENTS.
15. ALL REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH SECTION TWO OF THE PECCOT STANDARD SPECIFICATIONS. PAVING STRIPING DOES NOT CONSTITUTE APPROVED SPECIALTIES OBLIGATION.
16. FOR PRIVATE DEVELOPMENT PROJECTS: THE DESIGN CONSULTANT/PROJECT MANAGER SHALL BE REQUIRED TO PRODUCE AS-BUILT STRIPING PLANS WITH

18. ALL PAVEMENT MAINTENANCE MARKING NOTICES SHALL BE INSTALLED BY THE CONTRACTOR.
19. UPON FINAL INSPECTION A WRITTEN ACCEPTANCE OR ITEMIZED PHUNCELIST OF MISSING OR UNACCEPTABLE PAVEMENT MARKINGS SHALL BE SUBMITTED TO THE COUNTY AND PINA COUNTY BY THE TRAFFIC ENGINEER OR DESIGNATED REPRESENTATIVE.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL STRIPPING UNTIL PROJECT IS APPROVED FOR "CONSTRUCTION ACCEPTANCE" BY PINA COUNTY (FULLY QUALIFIED TRAFFIC ENGINEER). THE CONTRACTOR SHALL OBTAIN A "SUE-AND-CURE" WARRANTY AGREEMENT. IF THE PAVEMENT MARKING MANUFACTURER OFFERS A SUE-AND-CURE WARRANTY THE CONTRACTOR SHALL TRANSFER THAT WARRANTY TO PINA COUNTY.
21. THE PC/DOT PAVEMENT MARKING MANUAL IS AVAILABLE ONLINE.

RIGHT OF WAY USE NOTES

1. ALL WORK WITHIN CITY RIGHT-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE PINA COUNTY ASSOCIATION OF GOVERNMENTS' 2018 CODE.
2. THE CONTRACTOR SHALL SALVAGE AND REPLANT ALL HEALTHY PERMANENT PLANTS, TREES, BARREL, SAGUARO, OR OTHER CACTI THAT IS ENCOUNTERED WITHIN THE CRITICAL ALIGNMENT.
3. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE UNIFORM TRAFFIC CONTROL MANUAL. A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO PCDOF 14 DAYS PRIOR TO START OF WORK FOR THEIR REVIEW/APPROVAL.
4. TWO WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES, ANY REQUEST FOR ROAD CLOSURES WILL REQUIRE REVIEW AND APPROVAL OF THE PINA COUNTY TRAFFIC ENGINEER'S SUPERVISOR.

1. ALL WORK WITHIN COUNTY RIGHT-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE PIHA ASSOCIATION OF GOVERNMENTS, 2015 EDITION.
2. THE CONTRACTOR SHALL SALVAGE AND REPLANT ALL HEALTHY PRICKLY PEAR, CHICHA, BARREL, SARGUARD, OR OTHER CACTI THAT IS ENCOUNTERED WITHIN THE TRENCH ALIGNMENT.
3. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE UNIFORM TRAFFIC CONTROL MANUAL. A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO PCDDT 14 DAYS PRIOR TO START OF WORK FOR THEIR REVIEW/APPROVAL.
4. THIS WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. ANY REQUEST FOR ROAD CLOSURES WILL REQUIRE REVIEW AND APPROVAL OF THE PIHA COUNTY SUPERVISOR.

- ① NO PUMP OR UTILITY CASSEMENT GRANTED TO PUBLIC UTILITY COMPANIES AND PHRA COUNTY BY FINAL PLAN
- ② SARCUT AT MINIMUM AND REMOVE EXISTING CURB AND PAVEMENT AS NECESSARY, FILL, PAVE, AND JOIN NEW PAVEMENT TO EXISTING PAVEMENT
- ③ CONNECT TO EXISTING CURB PER SD 211, MATCH EXIST GRADE
- ④ 3" IRRIGATION/ELECTRICITY SLEEVES - SEE GENERAL NOTE 24
- ⑤ DEPRESS CURB PER
- ⑥ MES CONNECTION TO TERMINUS MAINHOLE PER SD RWD 402
- ⑦ NO CONCRETE CURB TRANSITION PER SD 210
- ⑧ WATERHOLE MIN PER SD RWD 214
- ⑨ CONNECT TO EXIST SIDEWALK PER SD 203, MATCH EXIST GRADE

SEE SHEET 12 FOR SIGNING NOTES

SEE SHEET 12 FOR SIGNING NOTES

RECK
ENGINEERING COMPANY
INCORPORATED
Tulsa

4534 EAST 10TH AVE. OKLA. CITY 112
TULSA, OK 74112
520.295.7000
FAX: 520.254.5616

SALES: 800.441.1000
TELEPHONE: 520.295.7000
FAX: 520.254.5616

DATE: 03/11 DECKED RT: RMP DATE: 03/11

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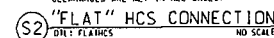
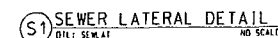
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P16TP00009

HORIZ : 1' : 30'
VER1 : N/A

SHEET 9 of 12

27 SEP 2017

MANIPAL		AS-BUILT INFORMATION	
STATE PLANE COORDINATES (NAD83) ZONE CENTRAL (MAD83) INTERNATIONAL F.F. AT RISK			
NOLNO.	NORTHING	EASTING	
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NOTE: HCS : HOUSE CONNECTION SEWER
PER SD RWRD 401.FOR
RELATIONSHIPS SEE DETAIL
DS : DISTANCE ALONG SEWER LINE
FROM UPSTREAM MH
US : DISTANCE ALONG SEWERLINE
FROM DOWNSTREAM MH

[illegible]

PUBLIC PAYING & SEWER PLANS FOR:

RANCHO DEL LAGO

BLOCK D

PHASE 2B

LOTS 24-31 & COMMON
RECREATION

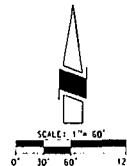
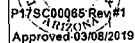
Correspondence to: Alan K. Smith
 10000 N. 10th Ave., Suite 100, Phoenix, AZ 85020
 (602) 998-1234
www.arizonaapl.com

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 G-2017-097
 P16TP00009

HORIZ : N/A
 VERT : N/A

SHEET 11 of 12

05-APR-2019



1. ALL EQUIPMENT, MATERIALS AND CONSTRUCTION SHALL MEET OR EXCEED THE REQUIREMENTS CONTAINED IN THE CURRENT CITY OF TUCSON/PIMA COUNTY CORP/CI STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS AND THE STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS SPECIAL PROVISIONS, AND THESE PLANS.
2. ALL SIGNS SHALL BE IN COMPLIANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE LATEST EDITION OF THE PIMA COUNTY/CITY OF TUCSON TRAFFIC SIGNING DESIGN MANUAL, THE SPECIAL PROVISIONS, AND THESE PLANS.
3. SIGNS MAY BE MODIFIED AND LOCATIONS ADJUSTED TO FIT CONDITIONS AT THE DISCRETION OF THE TRAFFIC ENGINEER.
4. THE DESIGN SPEED FOR THESE ROADS IS 25. THE POSTED SPEED LIMIT IS 25. SIGN PLACEMENT SHALL BE BASED ON THE POSTED SPEED LIMIT.
5. THE CONTRACTOR SHALL VERIFY ACTUAL POST LENGTHS.
6. ALL PERFORATED POSTS SHALL BE INSTALLED IN A CONCRETE FOUNDATION, UNLESS OTHERWISE DIRECTED BY THE TRAFFIC ENGINEER.
7. ALL SIGN STATION LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ACTUAL SIGN STATION LOCATIONS WITH THE TRAFFIC ENGINEER PRIOR TO THE INSTALLATION OF ALL SIGNS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH BLUE STAKE. FOR INSTALLING ALL TRAFFIC SIGNS IN THE FIELD, AND FOR MAINTAINING ALL SIGNING UNTIL THE PROJECT IS APPROVED FOR "CONSTRUCTION ACCEPTANCE" BY PIMA COUNTY. PIMA COUNTY WILL NOT BE RESPONSIBLE FOR ANY PUNISHMENT ITEMS ARE COMPLETED, AND THE ONE-YEAR MINIMUM WARRANTY PERIOD BEGINS.
9. ALL OVERHEAD MOUNTED SIGNS SHALL BE DIAMOND GRADE SHEETING, TYPE XI, ALL SCHOOL SIGNS SHALL BE FLUORESCENT YELLOW/GREEN, DIAMOND GRADE SHEETING, TYPE XI. ALL OTHER SIGNS SHALL BE HIGH INTENSITY PRISMATIC COATING TO SIGN. TYPE IV, 1/2" X 1/2" NO. 100. IF HAVE AN ANTI-GRAFFITI COATING APPLIED TO SIGN. 1/2" X 1/2" NO. 100. IF HAVE AN ANTI-GRAFFITI COATING APPLIED TO SIGN.
10. ALL NEW SIGNS SHALL HAVE O.D. GAUGE, PARULIS CORNER, ALUMINUM BACKING UNLESS OTHERWISE NOTED.
11. PRIOR TO DISTURBING ANY TRAFFIC SIGNS, A SIGN CONDITION INVENTORY OF ALL EXISTING SIGNING SHALL BE CONDUCTED BY THE CONTRACTOR AND PROVIDED TO THE SIGN SHOP SUPERVISOR 1520/ 724-2611. INVENTORY SHALL INDICATE EACH SIGN LOCATION AND CONDITION, INCLUDING ANY EXISTING DAMAGE OR DEFICIENCIES.
12. ANY SIGNS AND POSTS BEING RE-USED ON THIS PROJECT SHALL BE STOCKPILED IN A MANNER TO AVOID DAMAGE AND MAINTAIN THE INTEGRITY OF THE SIGNS. SAFE STOCKPILING SHALL BE STOCKPILED IN A MANNER TO AVOID DAMAGE TO STOCKPILE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
13. ALL SIGNS AND POSTS NOT BEING RE-USED ON THE PROJECT SHALL BE DISMANTLED, STACKED AND DELIVERED TO THE OWNER (CITY OF TUCSON) BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR THE SAFE STORAGE AT THE CONSTRUCTION SITE. DELIVERY SHALL BE TO THE SIGN SHOP SUPERVISOR 1520/ 724-2611. NOTIFICATION OF DELIVERY SHALL BE MADE AT LEAST TWO WORKING DAYS (48 HOURS) PRIOR TO DELIVERY. PIMA COUNTY SIGN SHOP IS LOCATED AT 1513 SOUTH MISSION ROAD, TUCSON, AZ 85704-2551. NO POSTS TO BE DELIVERED.



NOTE: SHOP DRAWINGS OF ALL STREET NAME SIGNS WILL BE REQUIRED AS A DEFERRED SUBMITTAL TO PIUMA COUNTY DEVELOPMENT SERVICES FOR APPROVAL BEFORE THE SIGNS ARE MANUFACTURED AND INSTALLED

NOTE: ALL PROPOSED SIGNAGE WITHIN
THE NEW PUBLIC STREETS
COMMON AREA.

[illegible][illegible]

SIGNING PLAN FOR:
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P17SC00065
G-2017-097
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HORIZ : 1" = 60'
VERT : N/A
SHEET 12 of 12

21-Sep-2017 15:00