



BOARD OF SUPERVISORS AGENDA ITEM REPORT

Requested Board Meeting Date: August 17, 2020

Title: Project Name: Paseo at Linda Vista Phase II
Lots: 1- 64
Plan #: P18SC00057
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: 520-724-2650

Contact: Brian Crowninshield Telephone: 520-724-2819

Department Director Signature/Date: Anam Olwan 7/22/2020

Deputy County Administrator Signature/Date: [Signature] 7/23/2020

County Administrator Signature/Date: C. Duckelbury 7/23/20

Date: July 20, 2020

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

From: Brian Crowninshield, Manager
ROW Management *BL*

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

Subject: **Project/Roadway:** **Paseo at Linda Vista Phase II**
 Lots: **1-64 and Common Areas "A" and "B"**
 Plan Number: **P18SC00057**
 Developer/Owner: **Meritage Homes**

A final inspection of the above referenced project was completed on 7/2/2020. The improvements within the highlighted right-of-way (refer to attachment) were found to be satisfactory and in general conformance to the plans and specifications. Staff recommends that the improvements be submitted to the Board of Supervisors for acceptance into the County maintenance system.

Attachment



**PUBLIC SEWER AND PUBLIC STREET, PRIVATE GRADING & DRAINAGE
IMPROVEMENT PLAN FOR
PASEO AT LINDA VISTA PHASE II
LOTS 1 THRU 64 AND
COMMON AREA "A" FUNCTIONAL OPEN SPACE, DRAINAGE, PUBLIC UTILITIES,
ACCESS & MAINTENANCE & COMMON AREA "B" NATURAL OPEN SPACE**

BASIS OF BEARINGS
THE BASIS OF BEARING FOR THIS PROJECT IS THE EAST LINE OF THE
NORTHWEST QUARTER OF SECTION 20, TOWNSHIP 12 SOUTH, RANGE 13
EAST, Q. & R.M., PIMA COUNTY, ARIZONA, BETWEEN THE FOUR BRASS
CAPPED SURVEY MONUMENT AT THE EAST QUARTER CORNER AND THE
BRASS STEM AT THE NORTHEAST CORNER THEREOF, SAID BEARING
BEING N00°00'00"W AS SHOWN ON THE FINAL PLAT OF NORTHPORTER
BRIDGE, RECORDED IN BOOK 38, MAPS AND PLATS, PAGE 7, PIMA COUNTY
RECORDS HEREON.

BASIS OF ELEVATION
NO SUBMITTAL DESIGNATION SHALL BE IN CONCRETE "XLS
1844" 24" SOUTH OF A MANHOLE AT THE INTERSECTION OF
SHANNON & LINDA VISTA BLVD. SAID ELEVATION BEING: 2493.02
FEET (NAVD 83)

AS-BUILT CERTIFICATION:
(LANDSCAPE)
I HEREBY CERTIFY THAT THE PLANTING AND IRRIGATION HAS BEEN DESIGNED IN
ACCORDANCE WITH THE LANDSCAPING AND PLANTING GUIDELINES FOR PUBLIC
SEWERS PER PIMA COUNTY RWPD ENGINEERING DESIGN STANDARDS
SUBSECTION 7.7

REGISTERED LAND SURVEYOR DATE

REGISTRATION NUMBER EXPIRES

AS-BUILT CERTIFICATION:
(SEWER)
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

ENGINEER'S STANDARD DETAILS DISCLAIMER:
COMPLYING WITH THE ARIZONA STATE BOARD OF TECHNICAL REGISTRATION'S SUBSTANTIVE
POLICY STATEMENT REGARDING SEALING OF STANDARD DETAILS, THE STANDARD DETAILS USED IN
THE DESIGN OF THIS PROJECT HAVE BEEN FORMALLY ADOPTED BY THE AGENCIES THAT PREPARED
THEM, IN VIEW OF THEIR LONG HISTORY OF USE, APPLICABILITY, AND/OR SOUNDNESS, THE
ENGINEER ACCEPTS THEIR USE FOR THIS PROJECT AND FINDS NO NEED FOR ALTERATION, EXCEPT
IN CASES WHERE THEIR USE MUST BE MODIFIED BY THE ENGINEER IN ORDER TO WORK WITH
PROPOSED DESIGN CONDITIONS. SUCH MODIFICATIONS SHALL BE NOTED ON PLAN AND SEALED BY
THE REGISTRANT ACCORDINGLY.

STANDARD DETAILS

- PAG STANDARD DETAILS**
- 103 SURVEY MONUMENT
 - 105 HANDRAIL
 - 200 CONCRETE SIDEWALK
 - 207 CURB ACCESS RAMP
 - 209 CONCRETE CURB - TYPE 2
 - 209 SINGLE VERTICAL
 - 209 CONCRETE CURB - TYPE 2
 - 210 WEDGE
 - 210 CONCRETE CURB TRANSITION

- PAG STANDARD DETAILS**
- 307 TYPE 3 CURB INLET
 - 307 TYPE 3 CURB INLET

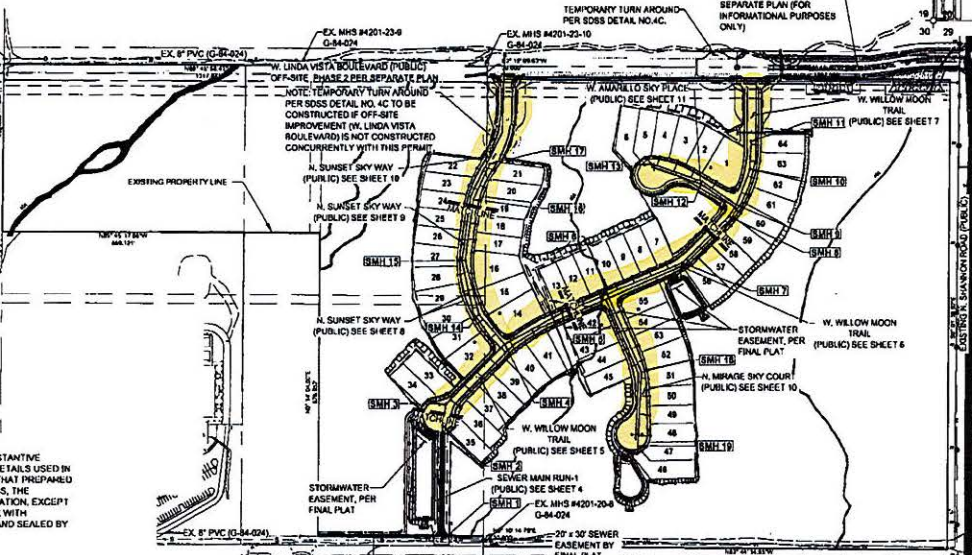
- PIMA COUNTY RWPD STANDARD DETAILS**
- 108 SEWER/WATER CROSSING DETAILS
 - 205 4" DIAMETER MANHOLE
 - 211 CONCRETE COLLAR FOR PAVED AREAS
 - 211 NEW MANHOLE OVER EXISTING SEWER LINE
 - 402 HCS CONNECTION TO MANHOLE
 - 402 HCS CONNECTION TO SEWER LINE
 - 404 INSTALL PVC GRAVITY SEWER

OWNER
PASEO LINDA VISTA
TUCSON & LINDA VISTA PARTNERSHIP, L.P.
6000 W. ARIZONA AVENUE, SUITE 101
TUCSON, AZ 85743
(520) 744-8508
ATTN: GREG WILSON
GREG.WILSON@PVL.COM

ENGINEER
THE WLB GROUP, INC.
4444 E. BROADWAY BLVD.
TUCSON, AZ 85711
(520) 744-8508
ATTN: ROB SCHUCHER
RSCHUCHER@THEWLB.COM

DEVELOPER
SERVING HOMES
3075 WEST BAY ROAD, SUITE 200
TUCSON, ARIZONA 85711
(520) 725-4400
ATTN: USA HOSCHKE
USA.HOSCHKE@SERVINGHOMES.COM

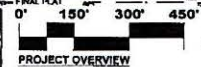
325-02-018
HAYASHI TADASHI, 10 & 11 CHINA LINDA &
PASEO LINDA VISTA
11740 N. 18TH SEC 1 TOWNSHIP 12 SOUTH ROAD
CAPRI 1000
TAMARAC
325-02-027
LUN CHEN, CHUNYU, 30% LUN CHEN LINDA &
PASEO LINDA VISTA
11740 N. 18TH SEC 1 TOWNSHIP 12 SOUTH ROAD
CAPRI 1000
TAMARAC
325-02-027
LUN CHEN, CHUNYU, 30% LUN CHEN LINDA &
PASEO LINDA VISTA
11740 N. 18TH SEC 1 TOWNSHIP 12 SOUTH ROAD
CAPRI 1000
TAMARAC



ENGINEER'S EARTHWORK ESTIMATE

PHASE 2 (PRIVATE PROPERTY) ON-SITE (WITHIN PUBLIC R.O.W.)	ON-SITE (WITHIN PUBLIC R.O.W.)
CUT: 17,097.80 C.Y.	CUT: 4,304.88 C.Y.
FILL: 75,083.70 C.Y.	FILL: 562.21 C.Y.
NET: 7,891.77 C.Y. (FILL)	NET: 3,792.77 C.Y. (CUT)

QUANTITIES ARE APPROXIMATE AND
REFLECT THE DESIGN APPLIED TO FILL OF
GROUND LOSS ASSUMED. CONSTRUCTION
TO VARY BY QUANTITIES PRIOR TO
CONSTRUCTION.

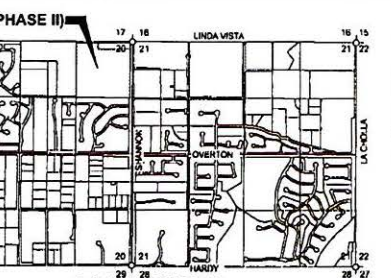


- LEGEND**
- CONCENTRATION POINT
 - LOT GRADING TYPE
 - NEW SURVEY MONUMENT
 - SECTION CORNER OR 1/4 SECTION CORNER
 - BENCHMARK
 - GRADE BREAK (OBH/PL)
 - DRIVEWAY SIDE FOR SLOPED LOT/ROAD
 - BACKWATER VALVE

BACKWATER VALVES	BACKWATER VALVES
17	40
23	41
28	56
27	67
30	
33	
35	
4	
5-12	
13	
14-16	
17	
18-20	

SHEET INDEX

SHEET	DESCRIPTION
1	COVER SHEET
2-3	NOTES
4	HORIZONTAL CONTROL
5-12	SEWER AND PAVING PLAN
13	STORM DRAIN PLAN AND PROFILE
14-16	GRADING PLAN
17	HCS TABLE
18-20	SECTIONS AND DETAILS



LOCATION MAP
SECTIONS 20 & 21, TOWNSHIP 12 SOUTH, RANGE 13 EAST,
Q. & R.M., PIMA COUNTY, ARIZONA
SCALE: 1" = 3 MILES

- LEGEND (CONTINUED)**
- EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - PROPOSED 100-YEAR FLOODPLAIN LINE
 - PROPOSED 100-YEAR FLOODPLAIN SETBACK LINE
 - EXISTING 40' JAWASH
 - EXISTING RIPARIAN AREA
 - SECTION LINE
 - PROJECT BOUNDARY
 - PROPOSED RIGHT-OF-WAY
 - PROPOSED LOT LINE
 - PROPOSED EASEMENT LINE AS NOTED
 - EXISTING EASEMENT LINE AS NOTED
 - SIGHT VISIBILITY TRIANGLE (SVT)
 - EXISTING PUBLIC SEWER LINE & MANHOLE
 - EXISTING PUBLIC WATERLINE & VALVE
 - PROPOSED CULVERT
 - EXISTING CULVERT
 - EXISTING PAVEMENT
 - EXISTING FENCE
 - NEW PUBLIC SEWER LINE & MANHOLE
 - NEW HCS & CLEANOUT
 - PROPOSED PUBLIC WATERLINE & VALVE
 - PROPOSED WATER METER
 - PROPOSED PUBLIC WATERLINE BENDS
 - PROPOSED FIRE HYDRANT
 - PROPOSED TEP EQUIPMENT
 - PROPOSED STORM DRAIN W/ CATCH BASIN
 - PROPOSED ROCK RIPRAP
 - PROPOSED ASPHALT PAVEMENT
 - PROPOSED STABILIZED TREATMENT
 - TOP OF SLOPE (SLOPES < 3:1 UNLESS NOTED)
 - BOTTOM OF SLOPE
 - PROPOSED CONCRETE VERTICAL CURB
 - PROPOSED CONCRETE WEDGE CURB
 - PROPOSED CONCRETE SIDEWALK
 - PROPOSED CURB ACCESS RAMPS
 - PFE: PROPOSED FINISHED FLOOR ELEVATION
 - FPE: PROPOSED FINISHED PAD ELEVATION
 - SHEET MATCH LINE
 - CONCENTRATION POINT
 - FLOW DIRECTION
 - CHANNEL SECTION
 - DITL NO
 - SHT. NO
 - TYPICAL CROSS SEC. CALL OUT
 - GRADING LIMITS



Engineering Planning Surveying
Landscaping Architecture Urban Design
Civil Mechanical Electrical
P.E. & L.E. & L.P.E. & L.S. & L.T.
Tucson, Arizona (520) 744-8508

PASEO AT LINDA VISTA PHASE II
LOTS 1 THROUGH 64 AND COMMON AREA "A", COMMON AREA "B"
F:\110801\0201 - Sharon & Linda Vista\Phase II\Drawings\0201 - PASEO AT LINDA VISTA PHASE II\1 - COVER AND NOTES.dwg Plot Date: 11/20/2018 10:15 AM By: sharon

**(PUBLIC SEWER AND PUBLIC STREET) PRIVATE GRADING &
DRAINAGE IMPROVEMENT PLAN
COVER SHEET**

AS NOTED
11/20/21-8-081
AUGUSTE BYLA
Checked by: KENNETH
Drawn by: RWB



RECORD NUMBER:
P18SC00057

C-2018-068

Additional Comments and Paying Notes:

- [illegible]

B. ANY REINFORCED CONCRETE STRUCTURE(S)

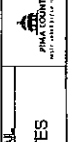
- [illegible]

DISCUSSION

- RESPONSIBILITY CHARTERED REFER TO FORWARD 550C 2016, SECTION 7.3(A)(1) FOR CONSTRUCTION SURETY STAKING REQUIREMENTS

IN NO WAY RELEASE THE CONTRACTOR OF THE RESPONSIBILITY FOR COMPLIANCE WITH THE REQUIREMENTS FOR THE APPROVED CONTRACT DOCUMENTS IF THE DESIGN REGISTER OR INWARD STAMP FAIL TO POINT OUT A DEFECT, DEFICIENCY OR ERROR IN THE WORK FROM LACK OF DISCOVERY OR ANY OTHER REASON. IT SHALL NOT PREVENT LATER REJECTION OR REJECT THE CONTRACTOR OF PERFORMING CORRECTIONS TO THE UNSATISFACTORY WORK WHEN DISCOVERED. THE CONTRACTOR SHALL NOT FILE A CLAIM FOR LOSSES SUFFERED DUE TO ANY

5. ANY SEWER CONSTRUCTION WORK THAT IS NOT INCLUDED IN THE APPROVED SEWER PLANS



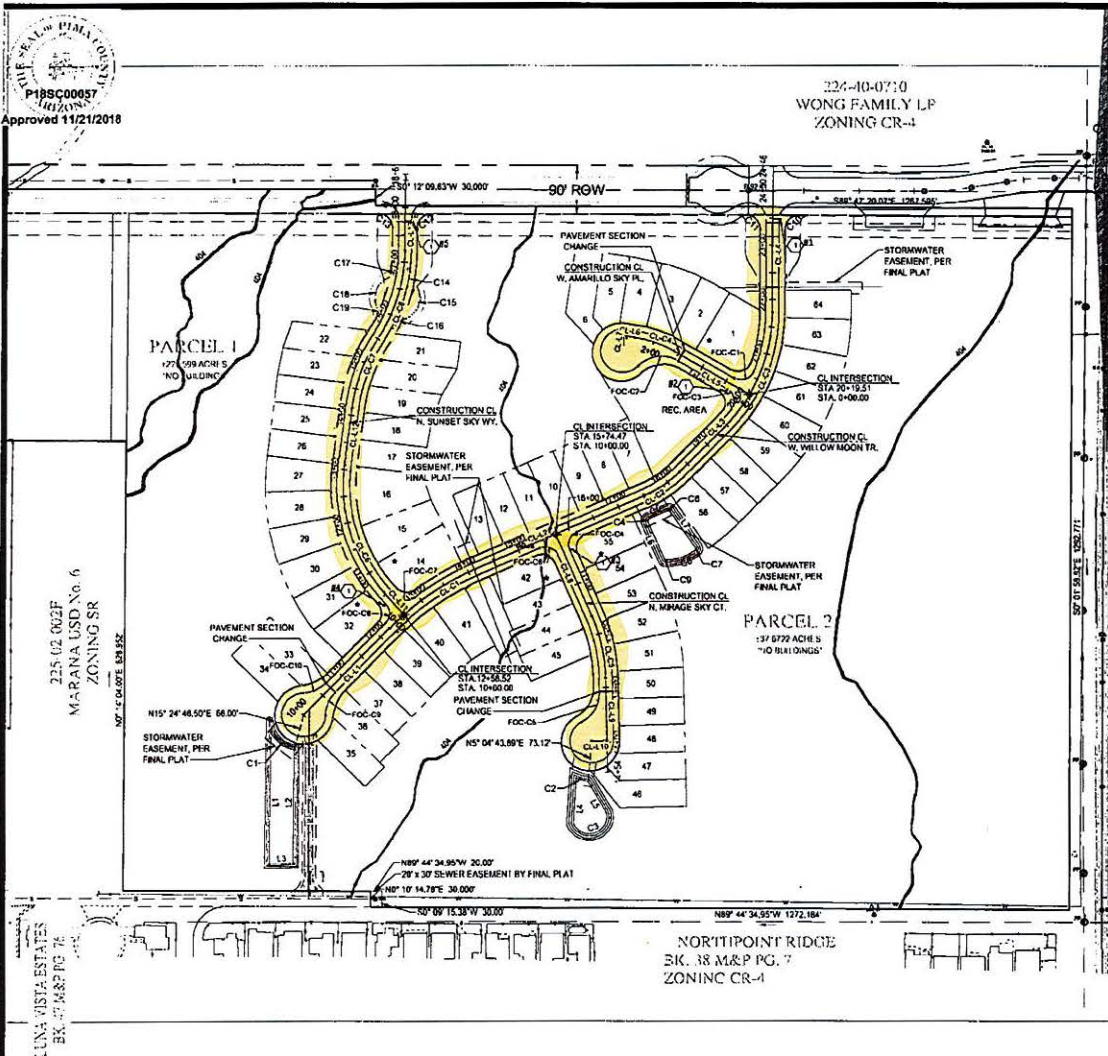
Page 1 of 1

Sheet No. 1-1
PUBLIC SEWER AND PUBLIC STREET) PRIVATE GRADING &
DRAINAGE IMPROVEMENT PLAN
 GENERAL NOTES

IC SEWER AND PUBLIC STREET
AGE IMPROVEMENT PLAN
RAL NOTES



Approved 11/21/2018



LINE TABLE: ALIGNMENT D		
LINE	BEARING	DISTANCE
CL-1	N44°51'45"E	222.37'
CL-2	N68°12'50"E	359.67'
CL-3	N44°52'00"E	115.80'
CL-4	N00°00'00"E	368.38'
CL-5	N06°52'18"W	169.79'
CL-6	N61°10'13"W	18.37'
CL-7	S06°17'41"W	38.80'
CL-8	S22°47'54"E	164.86'
CL-9	S01°37'30"E	172.26'
CL-10	N44°52'30"E	28.00'
CL-11	N41°28'42"W	54.27'
CL-12	N41°00'04"E	108.14'
CL-13	N00°14'34"E	111.88'

CENTERLINE CURVE TABLE: ALIGNMENTS			
CURVE	DELTA	RADIUS	ARC LENGTH
CL-C1	31°50'21"	500.00'	180.46'
CL-C2	21°48'00"	300.00'	76.16'
CL-C3	44°52'00"	300.00'	232.39'
CL-C4	21°48'13"	300.00'	76.21'
CL-C5	22°39'39"	300.00'	116.97'
CL-C6	49°39'46"	300.00'	213.82'
CL-C7	29°58'44"	300.00'	136.60'
CL-C8	37°44'47"	300.00'	171.48'

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S00°29'23"W	243.81'
L2	N00°14'43"E	211.26'
L3	N68°11'34"E	43.80'
L4	N02°57'13"E	86.86'
L5	S00°00'00"E	65.86'
L6	N29°47'54"W	78.74'
L7	S34°48'24"E	83.98'

CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C1	54°18'25"	58.37'	55.29'
C2	15°12'58"	88.88'	22.84'
C3	179°27'43"	32.21'	97.83'
C4	S0°00'00"	3.00'	4.71'
C5	S°00'40"	243.00'	25.62'
C6	S0°08'11"	3.00'	4.48'
C7	S1°46'48"	3.00'	4.80'
C8	S5°12'22"	89.61'	57.52'
C9	S4°01'31"	3.00'	3.56'
C10	S0°14'50"	25.00'	28.37'
C11	S0°46'58"	25.00'	28.17'
C12	S0°00'00"	25.00'	28.27'
C13	S0°00'00"	25.00'	28.27'
C14	S0°18'26"	15.00'	14.74'
C15	N11°29'11"	48.00'	82.02'
C16	N1°02'28"	50.00'	35.82'
C17	S0°30'55"	13.00'	14.88'
C18	S0°45'45"	43.00'	66.86'
C19	S3°52'32"	50.00'	47.02'

FACE-OF-CURB TABLE			
CURVE	DELTA	RADIUS	LENGTH
FOC-C1	54°18'15"	25.00'	42.80'
FOC-C2	75°37'22"	68.00'	76.16'
FOC-C3	88°06'15"	25.00'	42.80'
FOC-C4	S0°00'00"	25.00'	29.27'
FOC-C5	S1°53'48"	60.00'	68.91'
FOC-C6	S0°00'00"	25.00'	29.27'
FOC-C7	S0°02'57"	25.00'	27.86'
FOC-C8	S5°13'27"	25.00'	27.46'
FOC-C9	S3°58'44"	60.00'	48.02'
FOC-C10	S3°58'44"	60.00'	48.02'

KEYNOTES

1 PROPOSED SIGN

PROPOSED SIGN TABLE									
NUMBER	STREET	STATION	SIGN CODE	SIGN DESCRIPTION	WIDTH (IN.)	HEIGHT (IN.)	AREA (SQ. IN.)	POST TYPE	POST LENGTH
#1	W. WILLOW MOON TR.	23+48.29, 14.08'R	R1-1, D3-15N	STOP SIGN, W. LINDA VISTA BL.	24	24	478	2" SQ. TUBE	12'
#2	W. AMARILLO SKY PL.	0+39.62, 15.50'L	R1-1, D3-2	STOP SIGN, W. WILLOW MOON TR.	24	24	478	2" SQ. TUBE	12'
#3	N. SUNSET SKY CT.	10+37.00, 15.50'L	R1-1, D3-2	STOP SIGN, W. WILLOW MOON TR.	24	24	478	2" SQ. TUBE	12'
#4	N. SUNSET SKY WY.	10+35.73, 15.50'L	R1-1, D3-2	STOP SIGN, W. WILLOW MOON TR.	24	24	478	2" SQ. TUBE	12'
#5	N. SUNSET SKY WY.	17+74.61, 14+74'R	R1-1, D3-15N	STOP SIGN, W. LINDA VISTA BL.	24	24	478	2" SQ. TUBE	12'



The WLB Group

Engineering Planning Surveying
Landscape Architecture Urban Design
Utilities located on: Tucson, Phoenix and
Flagstaff, Arizona and in New Mexico
Professional Engineer License No. 16300
Tucson, Arizona (602) 981-7490

PHASE 1 AT LINDA VISTA (PHASE 1)
LOVE 1 THROUGH 54 AND COMMON AREAS "A", (OP TO SPACE)

HORIZONTAL CONTROL PLAN AND STREET SIGNING PLAN

(PUBLIC HIGHWAY AND PUBLIC STREET) PRIVATE GRADING & DRAINAGE IMPROVEMENT PLAN

LOVE 1 THROUGH 54 AND COMMON AREAS "A", (OP TO SPACE)

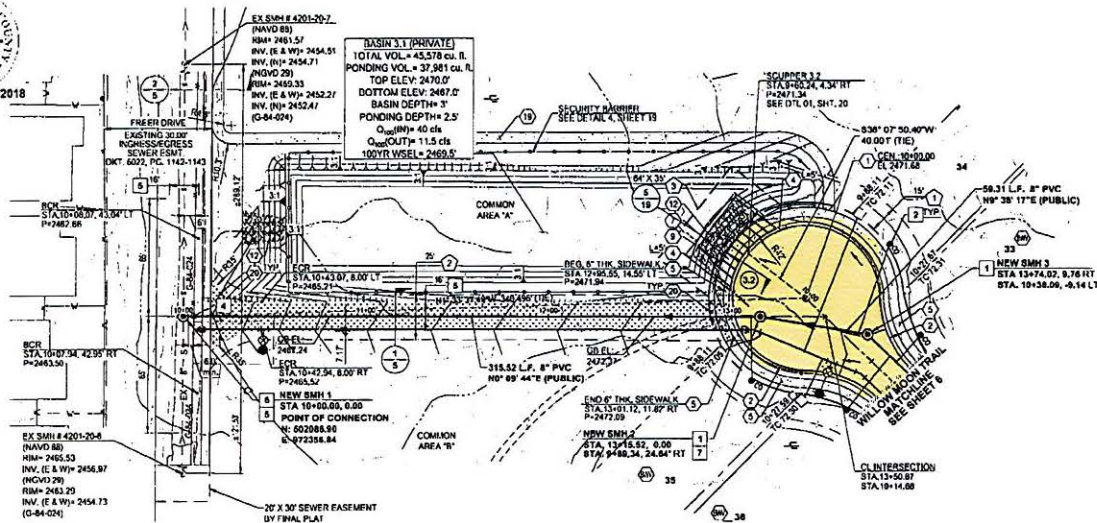
Drawn by: [Name]



Sheet 4 of 20

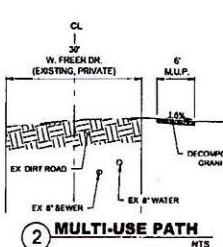
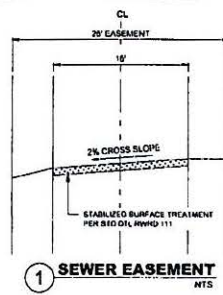


Approved 11/21/2018



SEWER MAIN RUN-1 (NEW SMH 1 TO NEW SMH 2)

NOTE:
1. STATIONING IS ALONG THE PIPE CENTERLINE UNLESS OTHERWISE NOTED.



NOTE: ALL NOTES MAY NOT BE USED ON EVERY SHEET.

EASEMENT KEYNOTES

SEE PLAN FOR ALL EASEMENT DIMENSIONS.

1. PUBLIC UTILITY EASEMENT PER FINAL PLAT
2. PUBLIC SEWER EASEMENT PER FINAL PLAT
3. DRAINAGE EASEMENT PER FINAL PLAT
4. WATER EASEMENT PER FINAL PLAT
5. SIGNAGE EASEMENT PER FINAL PLAT

SEWER KEYNOTES

1. CONSTRUCT 4" DIA. MANHOLE PER STD. DTL. RWHD 205 WITH CONCRETE COLLAR PER STD. DTL. RWHD 211
2. CONSTRUCT HCS WITH CLEANOUT PER STD. DTL. RWHD 401 AND STD. DTL. RWHD 404
3. HCS CONNECTION TO MANHOLE PER STD. DTL. RWHD 402
4. SEWERWATER CROSSING PER STD. DTL. RWHD 108
5. STABILIZED SURFACE PER STD. DTL. RWHD 111
6. NEW 4" DIA. MANHOLE OVER EXISTING SEWER LINE PER STD. DTL. RWHD 303 WITH CONCRETE COLLAR FOR UNPAVED AREAS PER STD. DTL. RWHD 212
7. 24" WATERTIGHT FRAME AND COVER PER STD. DTL. RWHD 214

CONSTRUCTION KEYNOTES

1. INSTALL SURVEY MONUMENT PER P.A.G. STD. DTL. 103
2. CONSTRUCT 2" WEDGE CURB (H=4") PER P.A.G. STD. DTL. 209
3. CONSTRUCT 6" REVEAL VERTICAL CURB PER P.A.G. STD. DTL. 209 (TYPE 2)
4. CONSTRUCT 3" MODIFIED TRANSITION FROM VERTICAL CURB TO WEDGE CURB PER P.A.G. STD. DTL. 210
5. CONSTRUCT CONCRETE SIDEWALK PER P.A.G. STD. DTL. 200
6. STANDARD 5" WIDE SIDEWALK UNLESS OTHERWISE NOTED
7. CONSTRUCT TYPE 3 CURB RAMPS PER P.A.G. STD. DTL. NO. 207
8. CONSTRUCT MODIFIED TYPE 3 CATCH BASIN WITH WING BASIN PER P.A.G. STD. DTL. 310
9. INSTALL NEW BARRICADE RAILING PER P.A.G. STD. DTL. 105
10. INSTALL NEW POST BARRICADE TYPE A PER P.A.G. STD. DTL. 105
11. SLOPE STABILIZATION, SEE DETAIL 6, SHEET 18
12. ROCK RAP-RAP SPLASH PAD, SEE DETAIL 6, SHEET 19
13. SIGHT VISIBILITY TRIANGLE, SEE DETAIL 3, SHEET 18
14. INSTALL 30" X 30" R-1 "STOP" SIGN AND STREET NAME SIGN
15. NEW CONCRETE CURB TO EXISTING CONNECTION PER P.A.G. STD. DTL. NO. 211
16. NEW CONCRETE SIDEWALK TO EXISTING CONNECTION PER P.A.G. STD. DTL. NO. 203
17. SAWCUT 2" OF EXISTING PAVEMENT, TACK, AND JOIN TO EXISTING
18. CONSTRUCT MODIFIED TYPE 4 CATCH BASIN WITH CONCRETE AFFRON PER P.A.G. STD. DTL. 209
19. 6" WIDE DECOMPOSED GRANITE OVER COMPACTED NATIVE SOIL BASE LAYER PER P.A.G. STD. DTL. 212
20. INSTALL REMOVABLE TYPE-B POST BARRICADE PER P.A.G. STD. DTL. 107
21. CONSTRUCT TYPE 3 CURB RAMPS PER P.A.G. STD. DTL. NO. 207
22. CONSTRUCT INLET/OUTLET HEADWALLS PER ADOT STD. DTL. 630
23. CONSTRUCT RAP-RAP WEIR SEE DETAIL 10 ON SHEET 18
24. CONSTRUCT TEMPORARY TURNAROUND IF OFF-SITE IMPROVEMENT (PHASE 2 W. LINCOLN VISTA BOULEVARD) IS NOT CONSTRUCTED CONCURRENTLY WITH THIS PERMIT, SEE DTL. 4 SMT. 20



RECORD NUMBER:
P185C00057



Engineering Planning Surveying
Construction Administration Urban Design
Civil Mechanical Electrical Plumbing
Soils Foundation Environmental
Tucson, Arizona (520) 881-7400

Project:
PASEO ALLINDA VISTA PHASE II
LOT 1 THROUGH 84 AND COMMON AREA "A", COMMON AREA "B"

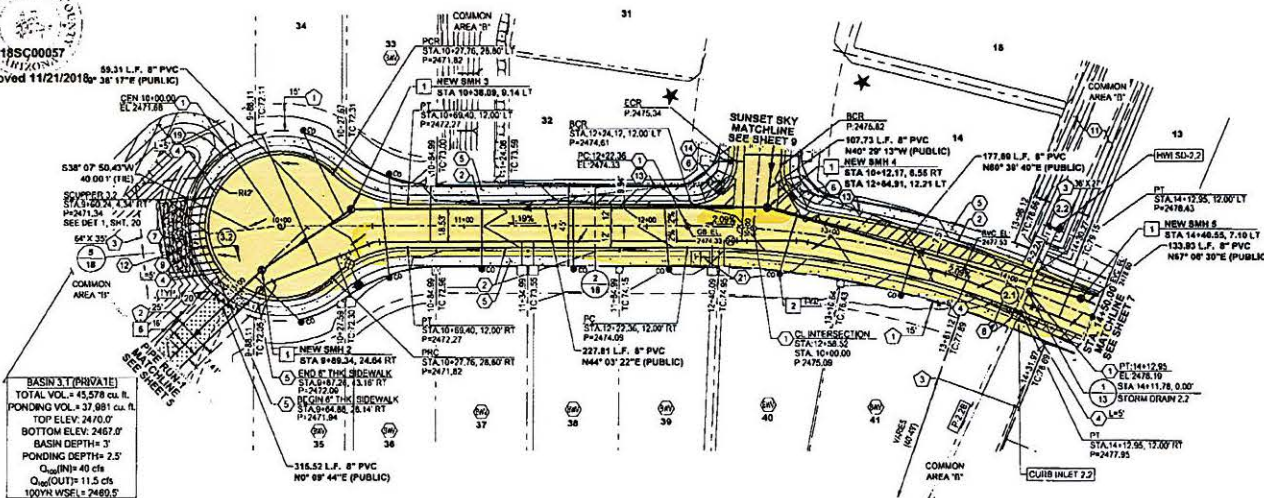
Public Sewer and Public Street Private Grading &
Drainage Improvement Plan
Plan and Profile

Scale: H=1"=200' V=1"=4'
Date: 10/03/2018
Drawn: [Signature]
Checked: [Signature]
Reviewed: [Signature]



Sheet:
5
of
20

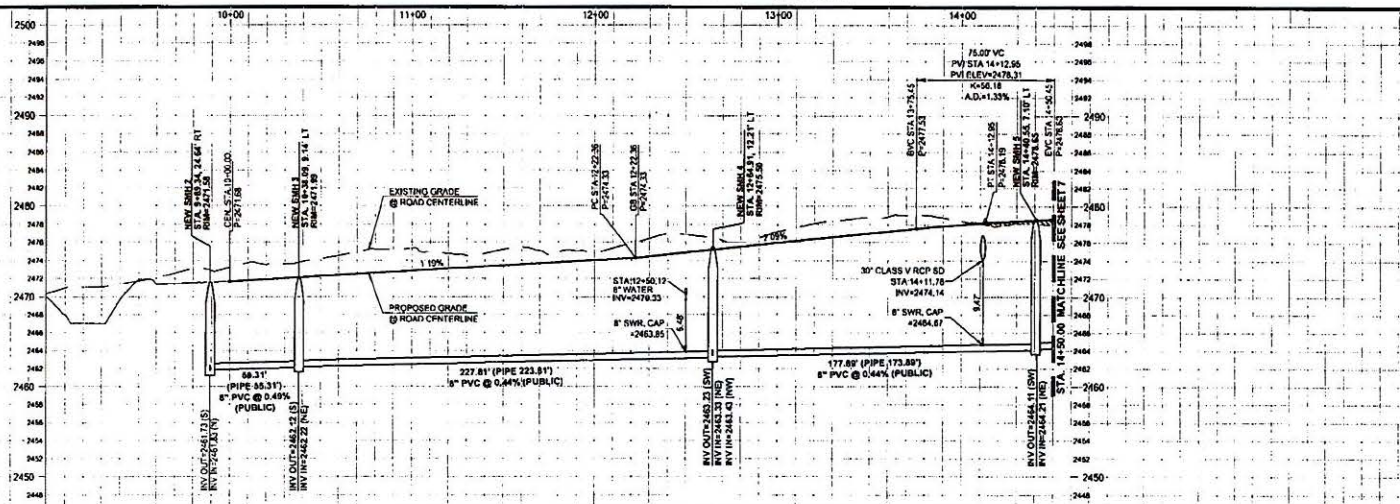
Approved 11/21/2018 38' 17" E (PUBLIC)



WILLOW MOON TRAIL (PUBLIC) STA. 10+00.00 TO STA. 14+50.00

NOTE:

- NOTE:**
1. STATIONING IS ALONG THE ROAD CENTERLINE UNLESS OTHERWISE NOTED.
 2. ALL SEWER H.C.S. ARE CENTERED BETWEEN LOT LINES UNLESS OTHERWISE NOTED.



NOTE: ALL NOTES MAY NOT BE USED ON EVERY SHEETS.

EASEMENT KEYNOTES

SEE PLAN FOR ALL EASEMENT DIMENSIONS

- | | |
|---|--|
| 1 | PUBLIC UTILITY EASEMENT PER FINAL PLAT |
| 2 | PUBLIC SEWER EASEMENT PER FINAL PLAT |
| 3 | DRAINAGE EASEMENT PER FINAL PLAT |
| 4 | WATER EASEMENT PER FINAL PLAT |
| 5 | SIGNAGE EASEMENT PER FINAL PLAT |

SEWER KEYNOTES

- 1 CONSTRUCT 4' DIA. MANHOLE PER STD. DTL. RWHD 205 WITH CONCRETE COLLAR PER STD. DTL. RWHD 211
- 2 CONSTRUCT HCS WITH CLEANOUT PER STD. DTL. RWHD 401 AND STD. DTL. RWHD 404.
- 3 HCS CONNECTION TO MANHOLE PER STD. DTL. RWHD 402.
- 4 SEWER/WATER CROSSING PER STD. DTL. RWHD 108.
- 5 STABILIZED SURFACE PER STD. DTL. RWHD 111
- 6 NEW 4' DIA. MANHOLE OVER EXISTING SEWER LINE, PER STD. DTL. RWHD 303 WITH CONCRETE COLLAR FOR UNPAVED AREAS PER STD. DTL. RWHD 212.
- 7 24" WATERLOG FRIAGE AND COVER PER STD. DTL. RWHD 214.

CONSTRUCTION KEYNOTES

1. INSTALL SURVEY MONUMENT PER P.A.G. STD. DTL. 103
2. CONSTRUCT 7 WEDGE CURB (B+M) PER P.A.G. STD. DTL. 209
3. CONSTRUCT 6' MEVAL CURB (B+M) PER P.A.G. STD. DTL. 209 (TYPE 2)
4. CONSTRUCT 5 MOOFED TRANSITION FROM HORIZONTAL CURB TO WEDGE CURB PER P.A.G. STD. DTL. 210
5. CONSTRUCT CONCRETE SLOPER PER P.A.G. STD. DTL. 200 STANDARD 5' WIDE SIDEWALK UNLESS OTHERWISE NOTED
6. CONSTRUCT TYPE 1 CURB HAMPS PER P.A.G. STD. DTL. NO. 207
7. CONSTRUCT TYPE 3 SIDEWALK SCAMPER PER P.A.G. STD. DTL. 205.5
8. CONSTRUCT MODIFIED TYPE 5 CATCH BASIN WITH WING BASIN PER P.A.G. STD. DTL. 206
9. INSTALL NEW BARRICADE RAILING PER P.A.G. STD. DTL. 105
10. INSTALL NEW POST BARRICADE TYPE A PER P.A.G. STD. DTL. 106
11. ROCK/STABILIZATION, SEE DETAIL 5, SHEET 18
12. ROP/RP-RAP SPLASH PAD, SEE DETAIL 6, SHEET 19
13. SIGHT VISIBILITY TRIANGLE, SEE DETAIL 3, PAGE 8, SHEET 18
14. INSTALL 30' X 30' R-1 "STOP SIGN" AND STREET NAME SIGN PER P.A.G. STD. DTL. 202
15. NEW CONCRETE C/UR TO EXISTING CONNECTION PER P.A.G. STD. DTL. 202
16. NEW CONCRETE SIDEWALK TO EXISTING CONNECTION PER P.A.G. STD. DTL. 202
17. 2' OF EXISTING PAVEMENT, TACK, AND JOIN TO EXISTING
18. CONSTRUCT MODIFIED TYPE 4 CATCH BASIN WITH CONCRETE CURB PER P.A.G. STD. DTL. 209
19. 6" WIDE DECOMPOSED GRANITE OVER COMPACTED NATIVE SOIL
20. INSTALL REMOVABLE TYPE 2 POST BARRICADE PER P.A.G. STD. DTL. 107
21. CONSTRUCT TYPE 3 CURB HAMPS PER P.A.G. STD. DTL. NO. 207
22. CONSTRUCT IN-LET/TOILET HEADWALLS PER ADDT STD. DTL. 6.30
23. CONSTRUCT RP-RAP RIVER SEE DETAIL 10, SHEET 18
24. CONSTRUCT TEMPORARY EROSION CONTROL SEE DETAIL 10 IMPROVEMENT PHASE 2 W. LINDEA VISTA (BOWLEMAN) W. NOT CONSTRUCTED CONCURRENTLY WITH THIS PERMIT, SEE DET. 4 SHEET 1

STRUCTURE NAME	STRUCTURE DATA	DESCRIPTION
INLET SD-2.2	INW = 2477.461 P-2.2A INW OUT = 2474.408	INLET HEADWALL PER ADOT STD. DTL. 8.30
CURB INLET 2.2	INW = 2477.968 P-2.2A INW IN = 2474.160 P-2.2A INW OUT = 2474.162	MODIFIED TYPE 1 CATCH BASIN PER P.A.G. STD. DTL. 307 WITH 1 1/2" GRATE AND 1 1/2" WING BASIN R.F.I.

NAME	SIZE	LENGTH	SLOPE	MATERIAL
P-22A	1 - 30"	49.50'	0.50%	HCP
P-22B	1 - 30"	132.37'	0.50%	SRP



RECORD NUMBER:
P10SC00057

The WLB Group **WLB**

Engineering Planning Surveying
Landscape Architecture Urban Design
Offices located in Tucson, Phoenix and
Flagstaff, Arizona, and Las Vegas, Nevada
4-4-4 SEASIDE BROWDERWAY
Tucson, Arizona (520) 881-7480

PASEO AT LINDA VISTA PHASE II
 LOTS 1 THROUGH 54 AND COMMON AREA "A", COMMON AREA "B"

doi:10.1186/1745-6215-15-1021 - Scopus & Linda Votava: <http://dx.doi.org/10.1186/1745-6215-15-1021> - 16 March 2015 10:00:00 AM GMT

Sheet Title
(PUBLIC SEWER AND PUBLIC STREET) PRIVATE GRADING &
DRAINAGE IMPROVEMENT PLAN
PLAN AND PROFILE

No.	Date	

Scale H:1"=30'V:1"=

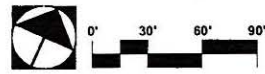
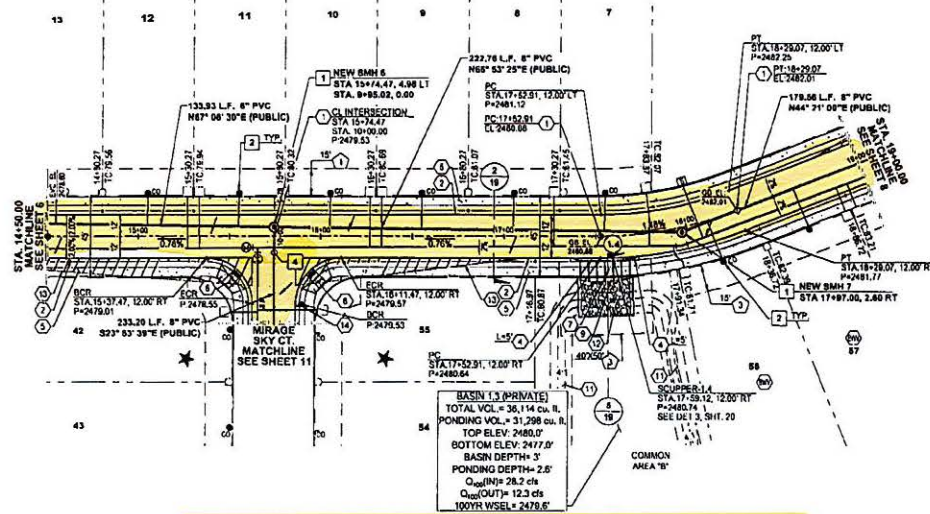
Job No. 199031-S-00

Date AUGUST 29

Designed By Drawn By KEMAL

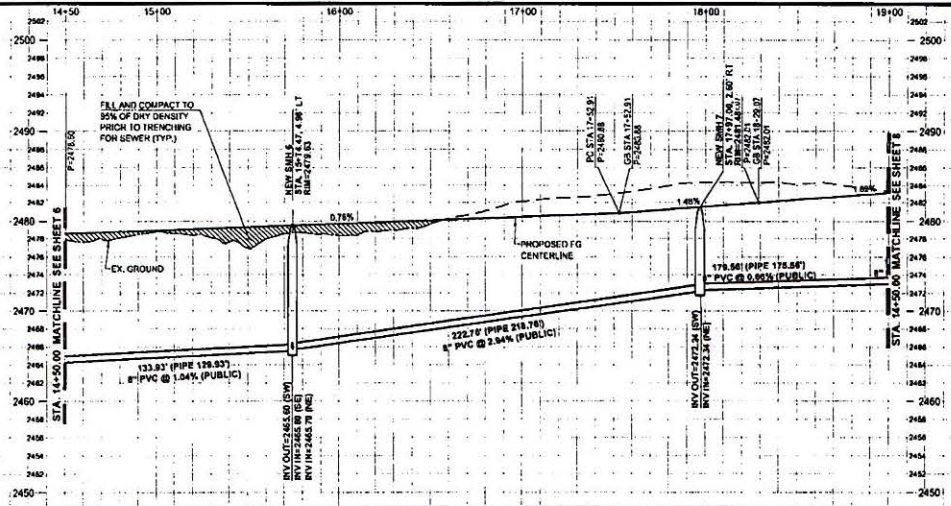


6
20



WILLOW MOON TRAIL (PUBLIC) STA. 14+50.00 TO STA. 19+00.00

- NOTE:
- STATIONING IS ALONG THE ROAD CENTERLINE UNLESS OTHERWISE NOTED.
 - ALL SEWER H.C.S. ARE CENTERED BETWEEN LOT LINES UNLESS OTHERWISE NOTED.



NOTE: ALL NOTES MAY NOT BE USED ON EVERY SHEET.

EASEMENT KEYNOTES

- SEE PLAN FOR ALL EASEMENT DIMENSIONS.
- PUBLIC UTILITY EASEMENT PER FINAL PLAT
 - PUBLIC SEWER EASEMENT PER FINAL PLAT
 - DRAINAGE EASEMENT PER FINAL PLAT
 - WATER EASEMENT PER FINAL PLAT
 - SIGNAGE EASEMENT PER FINAL PLAT

SEWER KEYNOTES

- CONSTRUCT 4\"/>
- CONSTRUCT MCS WITH CLEANOUT PER STD. DTL. RWWD 401 AND STD. DTL. RWWD 404.
- HCS CONNECTION TO MANHOLE PER STD. DTL. RWWD 402.
- SEWER/WATER CROSSING PER STD. DTL. RWWD 108.
- STABILIZED SURFACE PER STD. DTL. RWWD 111.
- NEW 4\"/>
- 24\" WATER TIGHT FRAME AND COVER PER STD. DTL. RWWD 214.

CONSTRUCTION KEYNOTES

- INSTALL SURVEY MONUMENT PER P.A.G. STD. DTL. 103.
- CONSTRUCT 2\"/>
- CONSTRUCT 6\"/>
- CONSTRUCT 5\" MODIFIED TRANSITION FROM VERTICAL CURB TO WEDGE CURB PER P.A.G. STD. DTL. 210.
- CONSTRUCT CONCRETE SIDEWALK PER P.A.G. STD. DTL. 200. STANDARD 3\" WIDE SIDEWALK UNLESS OTHERWISE NOTED.
- CONSTRUCT TYPE 1 CURB RAMPS PER P.A.G. STD. DTL. NO. 207.
- CONSTRUCT TYPE 3 SIDEWALK SCUMPER PER P.A.G. STD. DTL. 205.3.
- CONSTRUCT MODIFIED TYPE 3 CATCH BASIN WITH WING BASIN PER P.A.G. STD. DTL. 310.
- INSTALL NEW BARRICADE RAILING PER P.A.G. STD. DTL. 105.
- INSTALL NEW POST BARRICADE TYPE A PER P.A.G. STD. DTL. 108.
- SLOPE STABILIZATION, SEE DETAIL 5, SHEET 18.
- ROCK RIP-RAP SPLASH PAD, SEE DETAIL 6, SHEET 18.
- SIGHT VISIBILITY TRIANGLE, SEE DETAIL 3, SHEET 18.
- INSTALL 30\" X 30\" R-1 \"STOP\" SIGN AND STREET NAME SIGN.
- NEW CONCRETE CURB TO EXISTING CONNECTION PER P.A.G. STD. DTL. NO. 211.
- NEW CONCRETE SIDEWALK TO EXISTING CONNECTION PER P.A.G. STD. DTL. NO. 203.
- SAWCUT 2\" OF EXISTING PAVEMENT, TACK, AND JOIN TO EXISTING.
- CONSTRUCT MODIFIED TYPE 4 CATCH BASIN WITH CONCRETE APRON PER P.A.G. STD. DTL. 309.
- 8\" WIDE DECOMPOSED GRANITE OVER COMPACTED NATIVE SOIL. MULTIPHASE PATH, SEE DTL. 2, SHT. 5.
- INSTALL REMOVABLE TYPE-B POST BARRICADE PER P.A.G. STD. DTL. 107.
- CONSTRUCT TYPE 3 CURB RAMPS PER P.A.G. STD. DTL. NO. 207.
- CONSTRUCT INLET/OUTLET HEADWALLS PER ADOT STD. DTL. 630.
- CONSTRUCT RIP-RAP WEIR SEE DETAIL 10 ON SHEET 18.
- CONSTRUCT TEMPORARY TURNAROUND IF OFF-SITE IMPROVEMENT (PHASE 2 W. LINDA VISTA BOULEVARD) IS NOT CONSTRUCTED CONCURRENTLY WITH THIS PERMIT, SEE DTL. 4 SHT. 20.



RECORD NUMBER:
P185C00057

The WLB Group
Engineering, Planning, Surveying
Landscape Architecture, Urban Design
Civil, Mechanical, Electrical, and
Environmental Engineering
Tucson, Arizona
(520) 844-1780

Project: **PASEO AT LINDA VISTA PHASE II**
LOTS 1 THROUGH 34 AND COMMON AREA "A", COMMON AREA "B"
1/3 G:\PROJECTS\2021\Benson & Linda Vista\BWP\Drawings\DWG\DWG1801.DWG, 11/21/2018, 11:21 AM, RJS

Drawn by: **(PUBLIC SEWER AND PUBLIC TRAIL) PRIVATE GRADING & DRAINAGE IMPROVEMENT PLAN**
Plan and Profile

Scale: **1\"/>**

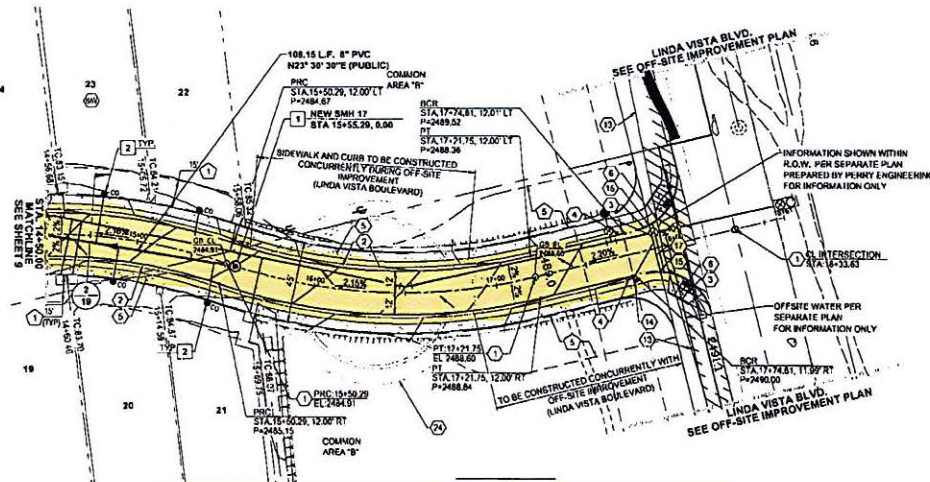


Sheet: **7**
Date: **AUGUST 2018**
Designed by: **KEMALJUL**
Checked by: **RJS**

Approved: 11/21/2018

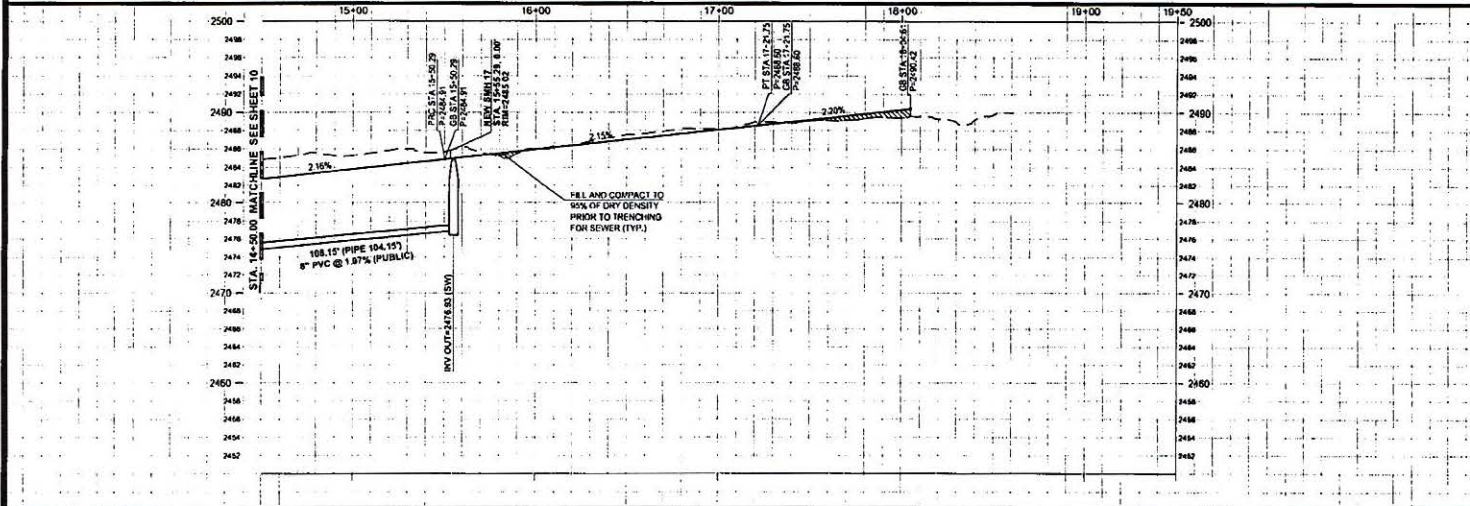


Approved 11/21/2018



SUNSET SKY WAY (PUBLIC) STA. 14+50.00 TO STA. 18+56.13

- NOTE:
1. STATIONING IS ALONG THE ROAD CENTERLINE UNLESS OTHERWISE NOTED.
 2. ALL SEWER H.C.S. ARE CENTERED BETWEEN LOT LINES UNLESS OTHERWISE NOTED.



NOTE: ALL NOTES MAY NOT BE USED ON EVERY SHEET.

EASEMENT KEYNOTES

- SEE PLAN FOR ALL EASEMENT DIMENSIONS
1. PUBLIC UTILITY EASEMENT PER FINAL PLAT
 2. PUBLIC SEWER EASEMENT PER FINAL PLAT
 3. DRAINAGE EASEMENT PER FINAL PLAT
 4. WATER EASEMENT PER FINAL PLAT
 5. SIGNAGE EASEMENT PER FINAL PLAT

SEWER KEYNOTES

1. CONSTRUCT 4\"/>
2. CONSTRUCT MCS WITH CLEANOUT PER STD. DTL. RWHD 401 AND STD. DTL. RWHD 404
3. MCS CONNECTION TO MANHOLE PER STD. DTL. RWHD 402
4. SEWENWATER CROSSING PER STD. DTL. RWHD 108
5. STABILIZED SURFACE PER STD. DTL. RWHD 111
6. NEW 4\"/>
7. 24\"/>

CONSTRUCTION KEYNOTES

1. INSTALL SURVEY MONUMENT PER P.A.G. STD. DTL. 103
2. CONSTRUCT 2\"/>
3. CONSTRUCT 6\"/>
4. CONSTRUCT 5\"/>
5. CONSTRUCT CONCRETE SIDEWALK PER P.A.G. STD. DTL. 200. STANDARD 2\"/>
6. CONSTRUCT TYPE 3 CURB RAMPS PER P.A.G. STD. DTL. NO. 207
7. CONSTRUCT TYPE 3 SIDEWALK SCUMPER PER P.A.G. STD. DTL. 205.5
8. CONSTRUCT MODIFIED TYPE 5 CATCH BASIN WITH WING BASIN PER P.A.G. STD. DTL. 310
9. INSTALL NEW BARRICADE RAILING PER P.A.G. STD. DTL. 105
10. INSTALL NEW POST BARRICADE TYPE A PER P.A.G. STD. DTL. 106
11. SLOPE STABILIZATION, SEE DETAIL 5, SHEET 18
12. ROCK RIP-RAP SPLASH PAD, SEE DETAIL 6, SHEET 19
13. SIGHT VISIBILITY TRIANGLE, SEE DETAIL 3, SHEET 18
14. INSTALL 30\"/>
15. NEW CONCRETE CURB TO EXISTING CONNECTION PER P.A.G. STD. DTL. NO. 211
16. NEW CONCRETE SIDEWALK TO EXISTING CONNECTION PER P.A.G. STD. DTL. NO. 203
17. SAWCUT 2\"/>
18. CONSTRUCT MODIFIED TYPE 4 CATCH BASIN WITH CONCRETE APRON PER P.A.G. STD. DTL. 309
19. IF WIDE DECOMPOSED GRANITE OVER COMPACTED NATIVE SOIL, MULTIPLE PATH, SEE DTL. 2, SHT. 5
20. INSTALL REMOVABLE TYPE-B POST BARRICADE PER P.A.G. STD. DTL. 107
21. CONSTRUCT TYPE 3 CURB RAMPS PER P.A.G. STD. DTL. NO. 207
22. CONSTRUCT INLET/OUTLET HEADWALLS PER ADOT STD. DTL. 6.30
23. CONSTRUCT TEMPORARY TURNAROUND IF OFF-SITE IMPROVEMENT (PHASE 2 W. LINDA VISTA BOULEVARD) IS NOT CONSTRUCTED CONCURRENTLY WITH THIS PLUMIT, SEE DTL. 4 SHT. 20



RECORD NUMBER:
P18SC00057

The WLB Group

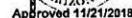
Engineering, Planning, Surveying
Landscaping, Architecture, Urban Design
Offices located in Tucson, Phoenix and
Flagstaff, Arizona. See us at: www.wlbgroup.com
Tucson, Arizona (520) 881-1540

Project: **PASEO AT LINDA VISTA PHASE II**
LOTS 1 THROUGH 34 AND COMMON AREA "A", COMMON AREA "B"

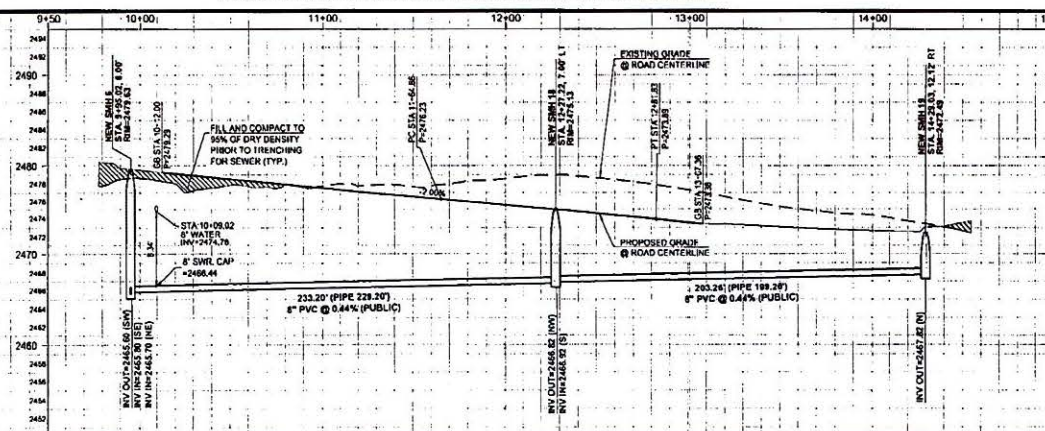
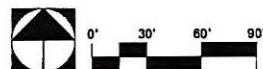
Drawn by: **(PUBLIC SEWER AND PUBLIC STREET) PRIVATE GRADING & DRAINAGE IMPROVEMENT PLAN, PLAN AND PROFILE**

By: _____ Date: _____ App: _____
Scale: _____
Designed by: _____
Checked by: _____

Sheet: **10**
Total: **20**



NOTE:
1. STATIONING IS ALONG THE ROAD CENTERLINE UNLESS OTHERWISE NOTED.
2. ALL SEWER H.C.S. ARE CENTERED BETWEEN LOT LINES UNLESS OTHERWISE NOTED.



EASEMENT KEYNOTES

SEE PLAN FOR ALL EASEMENT DIMENSIONS.

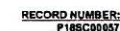
1	PUBLIC UTILITY EASEMENT PER FINAL PLAN
2	PUBLIC SEWER EASEMENT PER FINAL PLAN
3	DRAINAGE EASEMENT PER FINAL PLAN
4	WATER EASEMENT PER FINAL PLAN
5	SIGNAGE EASEMENT PER FINAL PLAN

SEWER KEYNOTES

- 1 CONSTRUCT 4' DIA. MANHOLE PER STD. DTL. RWRD 205 WITH CONCRETE CULIAR PER STD. DTL. RWRD 211.
- 2 CONSTRUCT HCS WITH CLEANOUT PER STD. DTL. RWRD 401 AND STD. DTL. RWRD 404.
- 3 HCS CONNECTION TO MANHOLE PER STD. DTL. RWRD 402.
- 4 SEWERWATER CROSSING PER STD. DTL. RWRD 108.
- 5 STABILIZED SURFACE PER STD. DTL. RWRD 111.
- 6 NEW 4' DIA. MANHOLE OVER EXISTING SEWER LINE PER STD. DTL. RWRD 303 WITH CONCRETE CULIAR FOR UNPAVED AREAS PER STD. DTL. RWRD 212.
- 7 24" WATERTIGHT FRAME AND COVER PER STD. DTL. RWRD 214.

CONSTRUCTION KEYNOTES

1. INSTALL SURVEY MONUMENT PER P.A.G. STD. DTL. 103.
2. CONSTRUCT 2' WEDGE CURB (H/R) PER P.A.G. STD. DTL. 209.
3. CONSTRUCT 8' REVEAL VERTICAL CURB PER P.A.G. STD. DTL. 209. (TYPE 2).
4. CONSTRUCT 5' MODIFIED TRANSITION FROM VERTICAL CURB TO WEDGE CURB PER P.A.G. STD. DTL. 210.
5. CONSTRUCT CONCRETE SIDEWALK PER P.A.G. STD. DTL. 200. STANDARD 5' WIDE SIDEWALK UNLESS OTHERWISE NOTED.
6. CONSTRUCT TYPE 1 CURB RAMPS PER P.A.G. STD. DTL. NO. 207.
7. CONSTRUCT TYPE 3 SIDEWALK SCUMPER PER P.A.G. STD. DTL. 205.5.
8. CONSTRUCT MODIFIED TYPE 5 CATCH BASIN WITH WING BASIN PER P.A.G. STD. DTL. 207.
9. INSTALL NEW BARRICADE RAILING PER P.A.G. STD. DTL. 105.
10. INSTALL NEW POST BARRICADE TYPE A PER P.A.G. STD. DTL. 106.
11. SLOPE STABILIZATION, SEE DETAIL 5, SHEET 18.
12. ROCK RUM-RAIP BRUSH PAD, SEE DETAIL 6, SHEET 18.
13. SIGHT VISIBILITY TRIANGLE, SEE DETAIL 3, SHEET 18.
14. INSTALL 30" X 30" H=11" STOP SIGN AND STREET NAME SIGN.
15. NEW CONCRETE CURB TO EXISTING CONNECTION PER P.A.G. STD. DTL. NO. 211.
16. NEW CONCRETE SIDEWALK TO EXISTING CONNECTION PER P.A.G. STD. DTL. 200.
17. BANDS 2" OF EXISTING PAVEMENT, TACK AND JOIN TO EXISTING.
18. CONSTRUCT MODIFIED TYPE 4 CATCH BASIN WITH CONCRETE RAMP PER P.A.G. STD. DTL. 208.
19. 6" WIDE DECOMPOSED GRANULAR FILL OVER COMPACTED NATIVE SOIL. MULTIPHASE PAINT. SEE DTL. 2, SHEET 5.
20. INSTALL REMOVABLE TYPE 2 POSTED BARRICADE PER P.A.G. STD. DTL. 107.
21. CONSTRUCT TYPE 3 CURB RAMPS PER P.A.G. STD. DTL. NO. 207.
22. CONSTRUCT INLET/OUTLET HEADWALLS PER AOST STD. DTL. 5.30.
23. CONSTRUCT RUM-RAIP WEIR SEE DETAIL 10, SHEET 18.
24. CONSTRUCT TEMPORARY TURNAROUND OF OFF-SITE.
25. CONSTRUCT TEMPORARY PAVEMENT (PAVEMENT TYPE 1) NOT CONSTRUCTED CONCURRENTLY WITH THIS PAVEMENT. SEE DTL. 4.



The WLB Group **WLB**

Engineering Planning Surveying
Landscape Architecture Urban Design
Offices located in Tucson, Phoenix and
Flagstaff, Arizona, and Las Vegas, Nevada
444 W. Alamo Blvd., Suite 200
Tucson, Arizona (602) 961-7490

Parcel
PASEO AT LINDA VISTA PHASE II
LOTS 1 THROUGH 34 AND COMMON AREA "A". COMMON AREA "B"

Case 1:19-cv-01003 Document 1-1 Filed 02/27/20 Page 1 of 1

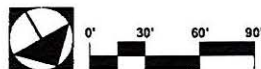
(PUBLIC SEWER AND PUBLIC STREET) PRIVATE GRADING &
DRAINAGE IMPROVEMENT PLAN
PLAN AND PROFILE

[illegible]

Revised	H: 1"=30'
Arch No.	199031
Class	AVOUE
Designed By	Drawn By KBI



11
20



NOTE:

1. STATIONING IS ALONG THE ROAD CENTERLINE UNLESS OTHERWISE NOTED.
2. ALL SEWER H.C.S. ARE CENTERED BETWEEN LOT LINES UNLESS OTHERWISE NOTED



EASEMENT KEYNOTES

EASEMENT REFINOTES
SEE PLAN FOR ALL EASEMENT DIMENSIONS.

- | | |
|---|--|
| 1 | PUBLIC UTILITY EASEMENT PER FINAL PLAT |
| 2 | PUBLIC SEWER EASEMENT PER FINAL PLAT |
| 3 | DRAINAGE EASEMENT PER FINAL PLAT |
| 4 | WATER EASEMENT PER FINAL PLAT |
| 5 | SIGNAGE EASEMENT PER FINAL PLAT |

SEWER KEYNOTES

- 1 CONSTRUCT 4' DIA. MANHOLE PER STD. DTL. RWRD 205 WITH CONCRETE COLLAR PER STD. DTL. RWRD 211.
- 2 CONSTRUCT HCS WITH CLEANOUT PER STD. DTL. RWRD 401 AND STD. DTL. RWRD 404.
- 3 HCS CONNECTION TO MANHOLE PER STD. DTL. RWRD 402.
- 4 SEWERWATER CROSSING PER STD. DTL. RWRD 108.
- 5 STABILIZED SURFACE PER STD. DTL. RWRD 111.
- 6 NEW 4' DIA. MANHOLE OVER EXISTING SEWER LINE PER STD. DTL. RWRD 303 WITH CONCRETE COLLAR FOR UNPAVED AREAS PER STD. DTL. RWRD 212.
- 7 24" WATERTIGHT FRAME AND COVER PER STD. DTL. RWRD 214.

CONSTRUCTION KEYNOTES

7. INSTALL SURVEY MONUMENT PER P.A.G. STD. DTL. 103
8. CONSTRUCT 7' WEDGE CURB (R&P) PER P.A.G. STD. DTL. 205.
CONSTRUCT 8" REVEAL VERTICAL CURB PER P.A.G. STD. DTL. 205.
(TYPE 2)
9. CONSTRUCT 5' MODIFIED TRANSITION FROM VERTICAL CURBS TO
WEDGE CURB PER P.A.G. STD. DTL. 216.
10. CONSTRUCT 3' CONCRETE SIDEWALK PER P.A.G. STD. DTL. 200
STANDARD 5' WIDE SIDEWALK UNLESS OTHERWISE NOTED
11. CONSTRUCT TYPE 1 CURB HAMPS PER P.A.G. STD. DTL. 207
CONSTRUCT TYPE 3 SIDEWALK SCURR PER P.A.G. STD. DTL.
205.5
12. CONSTRUCT MODIFIED TYPE 5 CATCH BASIN WITH WING BASIN
PER P.A.G. STD. DTL. 193.
13. INSTALL NEW BARRICADE RAKING PER P.A.G. STD. DTL. 105.
INSTALL NEW POST BARRICADE TYPE A PER P.A.G. STD. DTL.
106.
14. SLOPE STABILIZATION, SEE DETAIL 5, SHEET 18.
15. ROCK RIP-RAP SPLASH PAD, SEE DETAIL 6, SHEET 18.
16. SIGHT VISIBILITY TRIANGLE, SEE DETAIL 3, SHEET 18
17. INSTALL 30' X 30' R-11 "STOP SIGN" AND STREET NAME SIGN.
18. NEW CONCURE CURE TO EXISTING CONNECTION PER P.A.G. STD.
DTL. 207.
19. NEW CONCURE CURE TO EXISTING CONNECTION PER P.A.G. STD.
DTL. 207.
20. NEW CONCURE CURE TO EXISTING CONNECTION PER P.A.G. STD.
DTL. 207.
21. CONSTRUCT 7' OF EXISTING PAVEMENT, TACK AND JOIN TO
EXISTING.
22. CONSTRUCT MODIFIED TYPE 2 CATCH BASIN WITH CONCRETE
CURB PER P.A.G. STD. DTL. 193.
23. 6" WIDE DECOMPOSED GRANITE OVER COMPACTED NAT'L SOIL.
SEE DETAIL 5, SHEET 18, DTL. 214.5.
24. INSTALL REMOVABLE TUBED POST BARRICADE PER P.A.G. STD.
DTL. 197.
25. CONSTRUCT TYPE 3 CURB HAMPS PER P.A.G. STD. DTL. 207
26. CONSTRUCT INLET TUBES HEAD PAVEMENT PER ADOT STD. DTL.
6.30
27. CONSTRUCT RIP-RAP WITH SEE DETAIL 10 ON SHEET 18
28. CONSTRUCT TEMPORARY TURBOGRAD FOR OFF-SITE
TREATMENT, PHASE 1B. SEE DETAIL 10 ON SHEET 18.
DO NOT CONSTRUCT CONCURRENTLY WITH THIS PERM1, SEE DETAIL 4
ON SHEET 18.



Engineering Planning Surveying
Landscape Architecture Urban Design
Offices located in Tucson, Phoenix and
Flagstaff, Arizona, and Las Vegas, Nevada
4141 N. Alamo Street, Suite 200
Tucson, Arizona (520) 881-7480

PASEO AT LINDA VISTA PHASE II
LOTS 1 THROUGH 64 AND COMMON AREA "A", COMMON AREA "B"

For 015503118001 - Shannon & Louis v. 001 of 015046 Payments 01 Feb 05 0001: 01 of 01: 14 America's Flag Pub. Pub. Date 10/30/2015 11:18 AM 5-arch

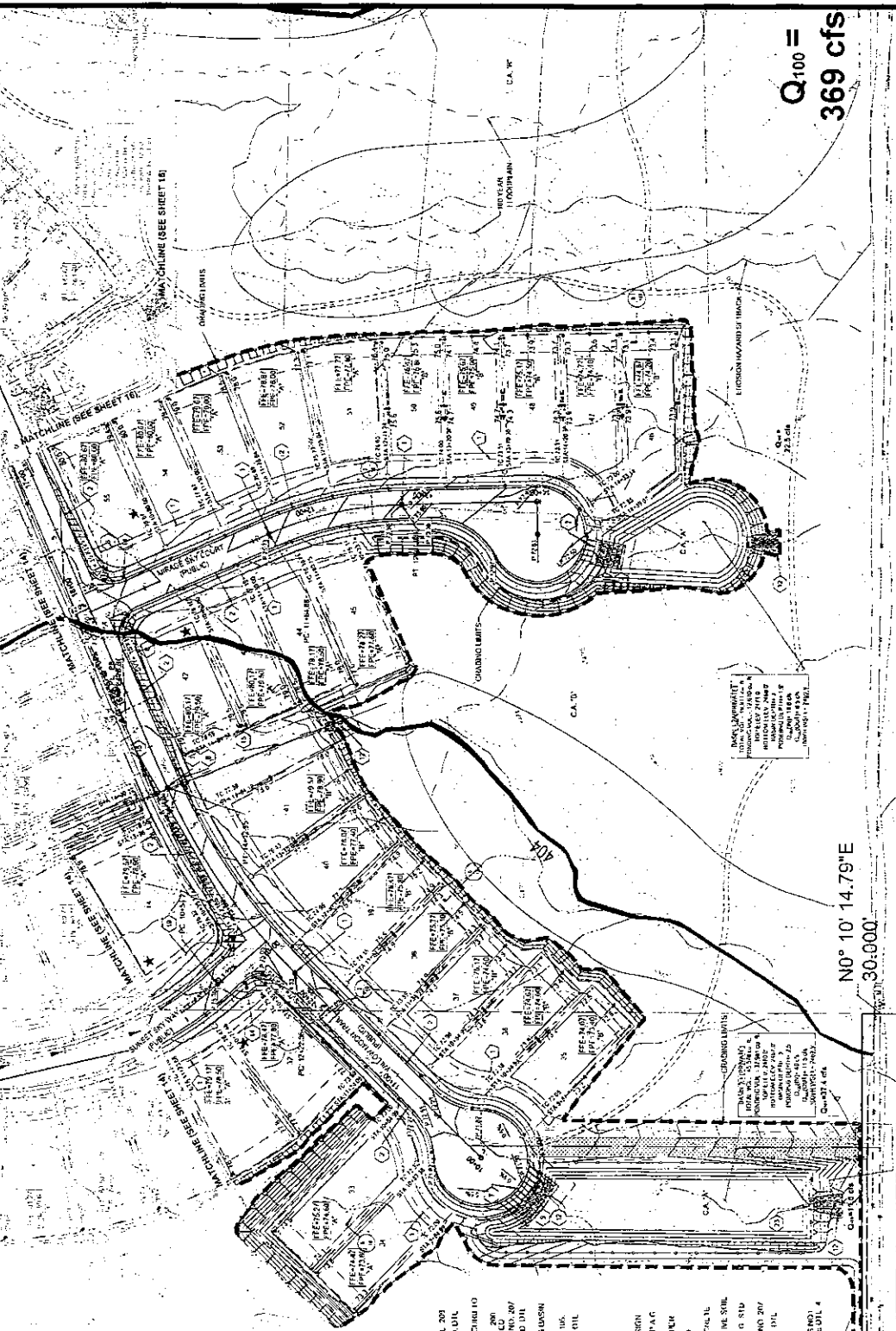
Sheet No. _____
(PUBLIC SEWER AND PUBLIC STREET) PRIVATE GRADING &
DRAINAGE IMPROVEMENT PLAN
PLAN AND PROFILE

No.	Days	Notes
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	
10	10	
11	11	
12	12	
13	13	
14	14	
15	15	
16	16	
17	17	
18	18	
19	19	
20	20	
21	21	
22	22	
23	23	
24	24	
25	25	
26	26	
27	27	
28	28	
29	29	
30	30	
31	31	

Size H: 1" x 30/ V: 1" x
 Job No. 199031-B-00
 Date AUGUST 2001
 Designed By Drawn By KEMAL



RECORD NUMBER
P18SC00051



$Q_{100} = 369 \text{ cfs}$

N89° 44' 34.9" E
1272.184'

N0° 10' 14.79" E
30.000'

NOTE: ALL NOTED MAY NOT BE USED ON EVERY SHEET.
CONSTRUCTION KEYNOTES
 1. MAINTENANCE EASEMENT FOR UTILITY
 2. EASEMENT FOR FLOOD CONTROL
 3. EASEMENT FOR FLOOD CONTROL
 4. EASEMENT FOR FLOOD CONTROL
 5. EASEMENT FOR FLOOD CONTROL
 6. EASEMENT FOR FLOOD CONTROL
 7. EASEMENT FOR FLOOD CONTROL
 8. EASEMENT FOR FLOOD CONTROL
 9. EASEMENT FOR FLOOD CONTROL
 10. EASEMENT FOR FLOOD CONTROL
 11. EASEMENT FOR FLOOD CONTROL
 12. EASEMENT FOR FLOOD CONTROL
 13. EASEMENT FOR FLOOD CONTROL
 14. EASEMENT FOR FLOOD CONTROL
 15. EASEMENT FOR FLOOD CONTROL
 16. EASEMENT FOR FLOOD CONTROL
 17. EASEMENT FOR FLOOD CONTROL
 18. EASEMENT FOR FLOOD CONTROL
 19. EASEMENT FOR FLOOD CONTROL
 20. EASEMENT FOR FLOOD CONTROL
 21. EASEMENT FOR FLOOD CONTROL
 22. EASEMENT FOR FLOOD CONTROL
 23. EASEMENT FOR FLOOD CONTROL
 24. EASEMENT FOR FLOOD CONTROL
 25. EASEMENT FOR FLOOD CONTROL
 26. EASEMENT FOR FLOOD CONTROL
 27. EASEMENT FOR FLOOD CONTROL
 28. EASEMENT FOR FLOOD CONTROL
 29. EASEMENT FOR FLOOD CONTROL
 30. EASEMENT FOR FLOOD CONTROL
 31. EASEMENT FOR FLOOD CONTROL
 32. EASEMENT FOR FLOOD CONTROL
 33. EASEMENT FOR FLOOD CONTROL
 34. EASEMENT FOR FLOOD CONTROL
 35. EASEMENT FOR FLOOD CONTROL
 36. EASEMENT FOR FLOOD CONTROL
 37. EASEMENT FOR FLOOD CONTROL
 38. EASEMENT FOR FLOOD CONTROL
 39. EASEMENT FOR FLOOD CONTROL
 40. EASEMENT FOR FLOOD CONTROL
 41. EASEMENT FOR FLOOD CONTROL
 42. EASEMENT FOR FLOOD CONTROL
 43. EASEMENT FOR FLOOD CONTROL
 44. EASEMENT FOR FLOOD CONTROL
 45. EASEMENT FOR FLOOD CONTROL
 46. EASEMENT FOR FLOOD CONTROL
 47. EASEMENT FOR FLOOD CONTROL
 48. EASEMENT FOR FLOOD CONTROL
 49. EASEMENT FOR FLOOD CONTROL
 50. EASEMENT FOR FLOOD CONTROL
 51. EASEMENT FOR FLOOD CONTROL
 52. EASEMENT FOR FLOOD CONTROL
 53. EASEMENT FOR FLOOD CONTROL
 54. EASEMENT FOR FLOOD CONTROL
 55. EASEMENT FOR FLOOD CONTROL
 56. EASEMENT FOR FLOOD CONTROL
 57. EASEMENT FOR FLOOD CONTROL
 58. EASEMENT FOR FLOOD CONTROL
 59. EASEMENT FOR FLOOD CONTROL
 60. EASEMENT FOR FLOOD CONTROL
 61. EASEMENT FOR FLOOD CONTROL
 62. EASEMENT FOR FLOOD CONTROL
 63. EASEMENT FOR FLOOD CONTROL
 64. EASEMENT FOR FLOOD CONTROL
 65. EASEMENT FOR FLOOD CONTROL
 66. EASEMENT FOR FLOOD CONTROL
 67. EASEMENT FOR FLOOD CONTROL
 68. EASEMENT FOR FLOOD CONTROL
 69. EASEMENT FOR FLOOD CONTROL
 70. EASEMENT FOR FLOOD CONTROL
 71. EASEMENT FOR FLOOD CONTROL
 72. EASEMENT FOR FLOOD CONTROL
 73. EASEMENT FOR FLOOD CONTROL
 74. EASEMENT FOR FLOOD CONTROL
 75. EASEMENT FOR FLOOD CONTROL
 76. EASEMENT FOR FLOOD CONTROL
 77. EASEMENT FOR FLOOD CONTROL
 78. EASEMENT FOR FLOOD CONTROL
 79. EASEMENT FOR FLOOD CONTROL
 80. EASEMENT FOR FLOOD CONTROL
 81. EASEMENT FOR FLOOD CONTROL
 82. EASEMENT FOR FLOOD CONTROL
 83. EASEMENT FOR FLOOD CONTROL
 84. EASEMENT FOR FLOOD CONTROL
 85. EASEMENT FOR FLOOD CONTROL
 86. EASEMENT FOR FLOOD CONTROL
 87. EASEMENT FOR FLOOD CONTROL
 88. EASEMENT FOR FLOOD CONTROL
 89. EASEMENT FOR FLOOD CONTROL
 90. EASEMENT FOR FLOOD CONTROL
 91. EASEMENT FOR FLOOD CONTROL
 92. EASEMENT FOR FLOOD CONTROL
 93. EASEMENT FOR FLOOD CONTROL
 94. EASEMENT FOR FLOOD CONTROL
 95. EASEMENT FOR FLOOD CONTROL
 96. EASEMENT FOR FLOOD CONTROL
 97. EASEMENT FOR FLOOD CONTROL
 98. EASEMENT FOR FLOOD CONTROL
 99. EASEMENT FOR FLOOD CONTROL
 100. EASEMENT FOR FLOOD CONTROL

CONSTRUCTION KEYNOTES

- (1) MAINTENANCE EASEMENT FOR UTILITY
- (2) EASEMENT FOR FLOOD CONTROL
- (3) EASEMENT FOR FLOOD CONTROL
- (4) EASEMENT FOR FLOOD CONTROL
- (5) EASEMENT FOR FLOOD CONTROL
- (6) EASEMENT FOR FLOOD CONTROL
- (7) EASEMENT FOR FLOOD CONTROL
- (8) EASEMENT FOR FLOOD CONTROL
- (9) EASEMENT FOR FLOOD CONTROL
- (10) EASEMENT FOR FLOOD CONTROL
- (11) EASEMENT FOR FLOOD CONTROL
- (12) EASEMENT FOR FLOOD CONTROL
- (13) EASEMENT FOR FLOOD CONTROL
- (14) EASEMENT FOR FLOOD CONTROL
- (15) EASEMENT FOR FLOOD CONTROL
- (16) EASEMENT FOR FLOOD CONTROL
- (17) EASEMENT FOR FLOOD CONTROL
- (18) EASEMENT FOR FLOOD CONTROL
- (19) EASEMENT FOR FLOOD CONTROL
- (20) EASEMENT FOR FLOOD CONTROL
- (21) EASEMENT FOR FLOOD CONTROL
- (22) EASEMENT FOR FLOOD CONTROL
- (23) EASEMENT FOR FLOOD CONTROL
- (24) EASEMENT FOR FLOOD CONTROL
- (25) EASEMENT FOR FLOOD CONTROL
- (26) EASEMENT FOR FLOOD CONTROL
- (27) EASEMENT FOR FLOOD CONTROL
- (28) EASEMENT FOR FLOOD CONTROL
- (29) EASEMENT FOR FLOOD CONTROL
- (30) EASEMENT FOR FLOOD CONTROL
- (31) EASEMENT FOR FLOOD CONTROL
- (32) EASEMENT FOR FLOOD CONTROL
- (33) EASEMENT FOR FLOOD CONTROL
- (34) EASEMENT FOR FLOOD CONTROL
- (35) EASEMENT FOR FLOOD CONTROL
- (36) EASEMENT FOR FLOOD CONTROL
- (37) EASEMENT FOR FLOOD CONTROL
- (38) EASEMENT FOR FLOOD CONTROL
- (39) EASEMENT FOR FLOOD CONTROL
- (40) EASEMENT FOR FLOOD CONTROL
- (41) EASEMENT FOR FLOOD CONTROL
- (42) EASEMENT FOR FLOOD CONTROL
- (43) EASEMENT FOR FLOOD CONTROL
- (44) EASEMENT FOR FLOOD CONTROL
- (45) EASEMENT FOR FLOOD CONTROL
- (46) EASEMENT FOR FLOOD CONTROL
- (47) EASEMENT FOR FLOOD CONTROL
- (48) EASEMENT FOR FLOOD CONTROL
- (49) EASEMENT FOR FLOOD CONTROL
- (50) EASEMENT FOR FLOOD CONTROL
- (51) EASEMENT FOR FLOOD CONTROL
- (52) EASEMENT FOR FLOOD CONTROL
- (53) EASEMENT FOR FLOOD CONTROL
- (54) EASEMENT FOR FLOOD CONTROL
- (55) EASEMENT FOR FLOOD CONTROL
- (56) EASEMENT FOR FLOOD CONTROL
- (57) EASEMENT FOR FLOOD CONTROL
- (58) EASEMENT FOR FLOOD CONTROL
- (59) EASEMENT FOR FLOOD CONTROL
- (60) EASEMENT FOR FLOOD CONTROL
- (61) EASEMENT FOR FLOOD CONTROL
- (62) EASEMENT FOR FLOOD CONTROL
- (63) EASEMENT FOR FLOOD CONTROL
- (64) EASEMENT FOR FLOOD CONTROL
- (65) EASEMENT FOR FLOOD CONTROL
- (66) EASEMENT FOR FLOOD CONTROL
- (67) EASEMENT FOR FLOOD CONTROL
- (68) EASEMENT FOR FLOOD CONTROL
- (69) EASEMENT FOR FLOOD CONTROL
- (70) EASEMENT FOR FLOOD CONTROL
- (71) EASEMENT FOR FLOOD CONTROL
- (72) EASEMENT FOR FLOOD CONTROL
- (73) EASEMENT FOR FLOOD CONTROL
- (74) EASEMENT FOR FLOOD CONTROL
- (75) EASEMENT FOR FLOOD CONTROL
- (76) EASEMENT FOR FLOOD CONTROL
- (77) EASEMENT FOR FLOOD CONTROL
- (78) EASEMENT FOR FLOOD CONTROL
- (79) EASEMENT FOR FLOOD CONTROL
- (80) EASEMENT FOR FLOOD CONTROL
- (81) EASEMENT FOR FLOOD CONTROL
- (82) EASEMENT FOR FLOOD CONTROL
- (83) EASEMENT FOR FLOOD CONTROL
- (84) EASEMENT FOR FLOOD CONTROL
- (85) EASEMENT FOR FLOOD CONTROL
- (86) EASEMENT FOR FLOOD CONTROL
- (87) EASEMENT FOR FLOOD CONTROL
- (88) EASEMENT FOR FLOOD CONTROL
- (89) EASEMENT FOR FLOOD CONTROL
- (90) EASEMENT FOR FLOOD CONTROL
- (91) EASEMENT FOR FLOOD CONTROL
- (92) EASEMENT FOR FLOOD CONTROL
- (93) EASEMENT FOR FLOOD CONTROL
- (94) EASEMENT FOR FLOOD CONTROL
- (95) EASEMENT FOR FLOOD CONTROL
- (96) EASEMENT FOR FLOOD CONTROL
- (97) EASEMENT FOR FLOOD CONTROL
- (98) EASEMENT FOR FLOOD CONTROL
- (99) EASEMENT FOR FLOOD CONTROL
- (100) EASEMENT FOR FLOOD CONTROL



The **WLB** Group

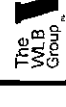
Engineering, Planning, Surveying
 Environmental, Construction Management
 10000 W. 10th Avenue, Suite 100
 Golden, CO 80601
 (303) 440-1000
 www.wlbgroup.com

PASEO AT LINCOLN VISTA (PHASE 1)
 LOT 1 THROUGH 10 AND COMMON AREA "A"

GRADING PLAN
 PUBLIC ACCESS AND TRAIL (SEE SHEET 15) PRIVATE GARAGES & DRIVEWAYS (SEE SHEET 16) LOTS 1 THROUGH 10 AND COMMON AREA "A"

Sheet No. 15
 Project No. 15
 Date: 10/15/2015
 Drawn By: [Signature]
 Checked By: [Signature]
 Approved By: [Signature]



[illegible]

The WLB Group

HCS DESIGN AND AS-BUILT INFORMATION

AS-BUILT

CLEANOUT LOCATION

"DISTANCE TO
DOWNSTREAM
MH"

"STATE PLANE
COORDINATES
(ARIZONA
CENTRAL) NAD 83
INTERNATIONAL FEET
AT HCS CLEANOUT"

"DISTANCE TO
DOWNSTREAM
MANHOLE"

SEWER LINE
STATIONING
AT HCS/BCS
CONNECTION

STATION

OFFSET

INVERT

MH#

DISTANCE
(FT)

NORTHING

EASTING

DISTANCE

STATION

0+79.55

23.99'

2,482.61'

9

81.4

1+51.03

24.00'

2,482.99'

12

32.2

1+96.81

24.00'

2,483.23'

12

82.1

2+41.94

24.00'

2,483.44'

12

131.4

2+87.57

16.86'

2,483.52'

13

0.0

3+04.82

7.06'

2,483.55'

13

0.0

3+55.57

-24.00'

2,477.97'

6

180.5

3+70.37

-24.00'

2,477.57'

6

130.6

3+55.57

-24.00'

2,477.19'

6

80.5

3+05.27

-24.00'

2,476.83'

6

30.6

3+55.27

-24.00'

2,476.43'

5

134.4

3+05.27

-24.00'

2,476.06'

5

64.5

3+55.27

-24.00'

2,475.67'

5

14.5

3+06.96

-24.00'

2,475.53'

4

55.6

3+147.81

24.00'

2,474.73'

14

30.3

3+147.26

24.00'

2,476.25'

14

126.8

3+36.11

24.00'

2,477.86'

15

58.6

3+80.53

23.90'

2,478.81'

15

103.1

3+131.14

23.92'

2,479.84'

15

152.4

3+49.80

24.00'

2,481.10'

16

43.7

3+147.22

24.00'

2,482.24'

16

98.5

3+52.37

-24.00'

2,480.98'

16

83.6

3+479.41

-24.00'

2,479.89'

16

81.0

3+12.25

-24.00'

2,478.85'

15

156.1

3+183.51

-24.00'

2,477.85'

15

106.0

3+33.51

-24.00'

2,476.76'

15

56.0

3+85.40

-24.00'

2,475.85'

15

6.1

3+39.16

-24.00'

2,475.16'

14

120.5

3+193.00

-24.00'

2,474.45'

14

70.9

3+146.80

-24.00'

2,473.77'

14

21.3

3+100.57

-24.00'

2,473.08'

4

89.7

3+50.84

-24.00'

2,472.37'

4

17.3

HCS DESIGN AND AS-BUILT INFORMATION									
LOT #	CLEANOUT LOCATION		"DISTANCE TO DOWNSTREAM MH"			AS-BUILT			
						"STATE PLANE COORDINATES (ARIZONA CENTRAL) NAD 83 INTERNATIONAL FEET AT HCS CLEANOUT"		"DISTANCE TO DOWNSTREAM MANHOLE"	SEWER LINE STATIONING AT HCS/BCS CONNECTION
						NORTHING	EASTING	DISTANCE	STATION
33	10+58.91	-29.01'	2,459.16'	3	22.2				
34	10+31.61	-53.25'	2,468.60'	2	94.3				
35	10+10.88	-53.40'	2,468.50'	1	310.5				
36	10+50.66	-28.82'	2,469.03'	3	17.2				
37	11+00.09	24.00'	2,469.61'	3	71.7				
38	11+59.99	24.00'	2,470.20'	3	121.7				
39	12+12.38	24.00'	2,470.99'	3	171.9				
40	12+25.37	24.00'	2,472.00'	4	16.9				
41	13+45.86	24.00'	2,473.48'	4	83.6				
42	10+51.25	24.00'	2,475.05'	6	56.2				
43	11+05.00	24.00'	2,473.97'	6	109.9				
44	11+55.00	24.00'	2,472.97'	6	159.9				
45	12+08.62	24.00'	2,471.95'	6	210.0				
46	14+50.20	-15.44'	2,469.32'	19	0.0				
47	14+31.98	-11.55'	2,469.29'	19	0.0				
48	14+02.39	-23.93'	2,469.45'	18	174.7				
49	13+45.16	-24.00'	2,469.99'	18	117.3				
50	12+95.40	-24.00'	2,470.59'	18	67.5				
51	12+48.15	-24.00'	2,471.62'	18	17.9				
52	11+98.37	-24.00'	2,472.82'	6	205.9				
53	11+50.94	-24.00'	2,473.41'	6	164.9				
54	11+08.06	-24.00'	2,474.39'	6	113.1				
55	10+54.39	-24.00'	2,475.47'	6	59.4				
56	18+11.62	24.00'	2,478.31'	7	15.1				
57	18+61.72	24.00'	2,479.05'	7	65.0				
58	19+11.72	24.00'	2,479.86'	7	115.0				
59	19+60.43	24.00'	2,480.66'	7	164.9				
60	20+02.66	24.30'	2,481.33'	8	26.3				
61	20+52.82	24.00'	2,482.05'	9	36.6				
62	20+99.02	24.00'	2,482.69'	9	86.1				
63	21+45.22	24.00'	2,483.39'	10	21.5				
64	21+88.17	24.00'	2,484.05'	10	66.9				

MANHOLE AS-BUILT INFORMATION

MH NO	AS-BUILT	
	STATE PLANE COORDINATES (ARIZONA CENTRAL) NAD 83 INTERNATIONAL FEET	
	NORTHING	EASTING
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

The WLB Group

Engineering, Planning, Surveying
Construction Administration, Urban Design
Public Facilities, Traffic Engineering, and
Program Management and Construction Management
4444 North Central Expressway
Suite 200, Phoenix, AZ 85018-1000
(602) 990-1100

PASEO AT LINDA VISTA (PHASE 1)
LOTS 1 THROUGH 64 AND COMMON AREAS "A" (OPEN SPACE)

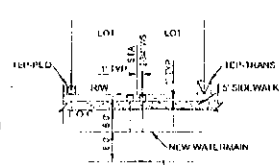
PUBLIC SEWER AND PUBLIC STREETS/PRIVATE GRADING & DRAINAGE IMPROVEMENT PLAN
LOTS 1 THROUGH 64 AND COMMON AREAS "A"

DATE: 1/12/2018 BY: [Signature] CHECKED: [Signature] DATE: 1/12/2018 BY: [Signature]

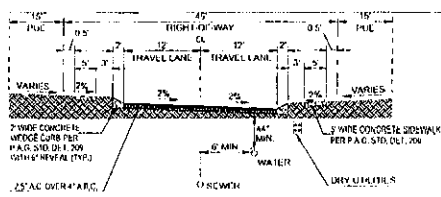


17
20

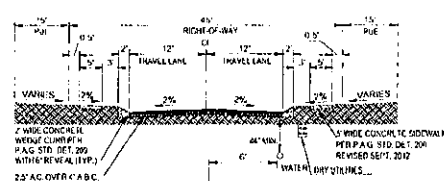
20



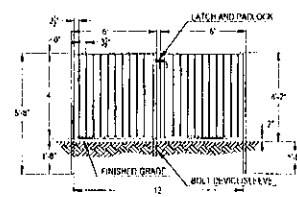
1 3/4" SINGLE WATER SERVICE



2 TYPICAL ROADWAY CROSS SECTION

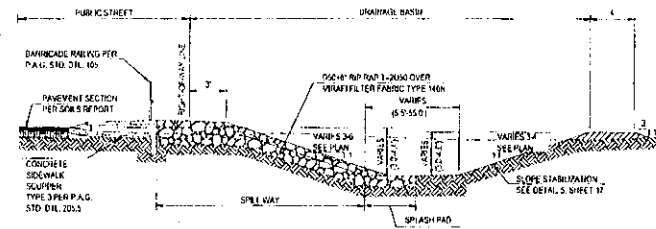


3 TYPICAL ROADWAY CROSS SECTION

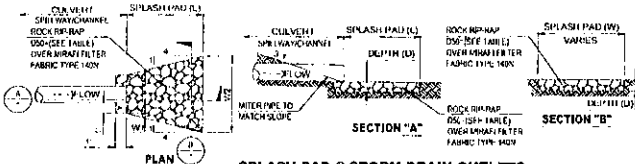


4 SECURITY BARRIER GATE

BASIN ACCESS RAMP GATES, DOUBLE GATES, CONSTRUCTED AS PART OF AN ENCLOSURE SHALL COMPLY WITH ALL REQUIREMENTS OF SECTION 901.1 AND 901.2 PER 2017 TOWN OF CHANDLER POLICE AND SRA CODE. THE VERTICAL MOVING SIDE SHALL BE EQUIPPED WITH A B.T. DEVICE THAT SLIDES INTO A PERMANENT STEEL OR CONCRETE SLEEVE WHICH CAN BE PARKED IN THE CLOSED POSITION. THE PADLOCK SHALL BE IN PLACE AT THE TIME OF INSPECTION AND SHALL REMAIN IN PLACE DURING NORMAL USAGE.



5 SECTION



6 SPLASH PAD @ STORM DRAIN OUTLETS

RIP-RAP APRON DIMENSIONS					
CP	DESCRIPTION	APRON LENGTH (FT.)	APRON WIDTH (FT.)	APRON WIDTH (FT.)	APRON DEPTH (IN.)
1.2A	3' WIDE, 2' HIGH BROAD LEAST FLOW WEIR	6	7	10	18
1.3	2' WIDE, 2' HIGH BROAD CHECKED WEIR	6	7	9	18
2.1	TYPE 5 INLET STRUCTURE WITH 6' WINGS	0	3	5	18
3.1	2' WIDE, 2' HIGH BROAD CHECKED WEIR	6	7	9	18



PROPOSED CONSTRUCTED CHANNEL DETAIL

TABLE OF CONSTRUCTED CHANNELS									
NO.	Q (CFS)	V (FPS)	T (S)	Q (CFS)	SLOPE (%)	SS	SS	SS	SS
2.2	34.4	3.9	0.24	12.4	1.48	1.0 (MIN)	4	3	3.0M

PROPOSED FLOWS
+ SEE SLOPES SHEET 17 FOR SLOPE STABILIZATION DETAILS

7 PROPOSED CONSTRUCTED CHANNEL

TABLE OF HYDRAULIC STRUCTURES		
CONC. POINT	Q (CFS)	STRUCTURE
1.2B	17.8	12\"/>

The WLB Group

Engineering & Surveying
10000 N. 10th Street, Suite 100
Chandler, AZ 85226
480-941-1111 FAX 480-941-1112
www.wlbgroup.com

PASEO AT LINDA VISTA (PHASE 1)
LOTS 1 THROUGH 84 AND COMMON AREAS (OPEN SPACE)

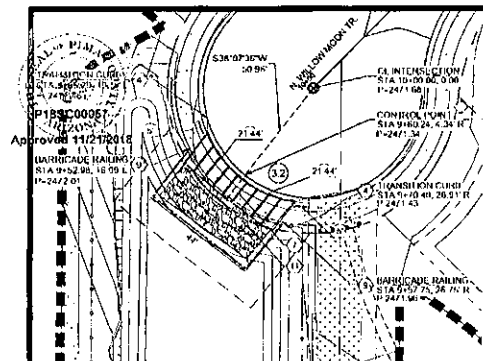
SECTIONS AND DETAILS

(PUBLIC BARRIER AND PUBLIC STREET) PHASE 1 GUARANTEE A DRAINAGE IMPROVEMENT PLAN
LOTS 1 THROUGH 84 AND COMMON AREAS (OPEN SPACE)

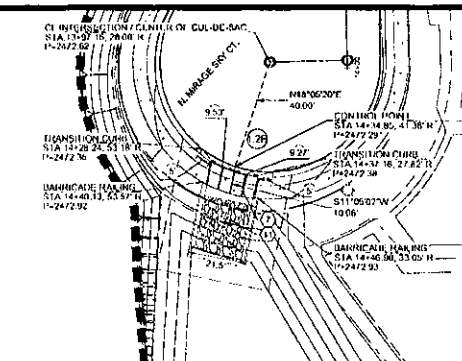
DATE: 10/03/18
DRAWN: MARCH 2018
CHECKED: JRM/ALP
APPROVED: MWS



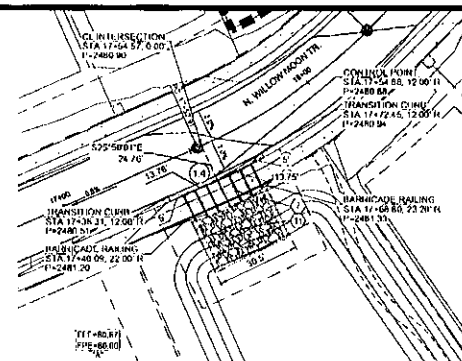
19
20



1 N. WILLOW MOON TR. SIDEWALK SCUPPER - CP 3.2
NOTE
1. STATIONING IS ALONG THE ROAD UNLESS OTHERWISE NOTED.
SCALE: 1"=20'



2 N. MIRAGE SKY CT. SIDEWALK SCUPPER - CP 1.2B
NOTE
1. STATIONING IS ALONG THE ROAD UNLESS OTHERWISE NOTED.
SCALE: 1"=20'

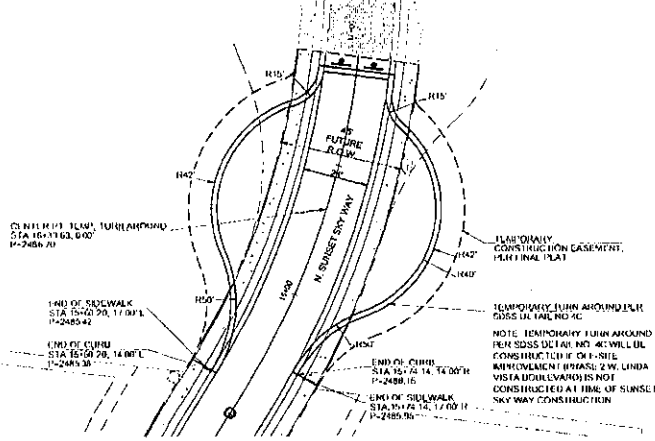


3 N. WILLOW MOON TR. SIDEWALK SCUPPER - CP 1.4
NOTE
1. STATIONING IS ALONG THE ROAD UNLESS OTHERWISE NOTED.
SCALE: 1"=20'

CONSTRUCTION KEYNOTES

- (1) INSTALL SURVEY MONUMENT PER P.A.G. STD. DTL. 103
- (2) CONSTRUCT 2' WIDE CURB (BATCH) PER P.A.G. STD. DTL. 209
- (3) CONSTRUCT 1' REVEAL VERTICAL CURB PER P.A.G. STD. DTL. 209 (TYPE 2)
- (4) CONSTRUCT 5' MODIFIED TRANSITION FROM VERTICAL CURB TO WEDGE CURB PER P.A.G. STD. DTL. 210
- (5) CONSTRUCT CONCRETE SIDEWALK PER P.A.G. STD. DTL. 200
- (6) STANDARD 5' WIDE SIDEWALK UNLESS OTHERWISE NOTED
- (7) CONSTRUCT TYPE 1 CURB RAMPS PER P.A.G. STD. DTL. NO. 207
- (8) CONSTRUCT TYPE 3 SIDEWALK SCUPPER PER P.A.G. STD. DTL. 200.5
- (9) CONSTRUCT MODIFIED TYPE 5 CATCH BASIN WITH WING BASIN PER P.A.G. STD. DTL. 310
- (10) INSTALL NEW BARRICADE RAILING PER P.A.G. STD. DTL. 105
- (11) INSTALL NEW POST BARRICADE TYPE A PER P.A.G. STD. DTL. 105
- (12) SLOPE STABILIZATION, SEE DETAILS, SHEET 18
- (13) ROCK RETAINMENT SPLASH PAD, SEE DETAIL 6, SHEET 19
- (14) SIGHT TRIANGLE, SEE DETAIL 3, SHEET 18
- (15) INSTALL 30" X 30" "STOP SIGN" AND STREET NAME SIGN
- (16) NEW CONCRETE CURB TO EXISTING CONNECTION PER P.A.G. STD. DTL. NO. 211
- (17) NEW CONCRETE SIDEWALK TO EXISTING CONNECTION PER P.A.G. STD. DTL. NO. 203
- (18) SAWCUT 2" OF EXISTING PAVEMENT, BACK, AND JOIN TO EXISTING
- (19) CONSTRUCT MODIFIED TYPE 4 CATCH BASIN WITH CONCRETE APPROACH PER P.A.G. STD. DTL. 309
- (20) 6" WIDE UNCOMPACTED GRAVEL OVER COMPACTED NATIVE SOIL MULTIPLE PASS, SEE DTL. 2, SHEET 5
- (21) INSTALL REMOVABLE TYPE-B POST BARRICADE PER P.A.G. STD. DTL. 107
- (22) CONSTRUCT TYPE 3 CURB RAMPS PER P.A.G. STD. DTL. NO. 207
- (23) CONSTRUCT INLET TROUBLET HEADWALLS PER ADOT STD. DTL. 530
- (24) CONSTRUCT TOP RAMP WITH SEE DETAIL 10 ON SHEET 18
- (25) CONSTRUCT TEMPORARY TURNAROUND IF OFF-SITE IMPROVEMENT (PHASE 2 W. LINDA VISTA BOULEVARD) IS NOT CONSTRUCTED CONCURRENTLY WITH THIS PERMIT, SEE DTL. 4 SHEET 30.

FINAL SECTION OF SUNSET SKY WAY TO BE CONSTRUCTED CONCURRENTLY WITH ON-SITE IMPROVEMENT (PHASE 2 LINDA VISTA BOULEVARD) SEE PLAN FOR DETAILS



4 TEMPORARY TURN AROUND ALTERNATIVE
NOTE
1. STATIONING IS ALONG THE ROAD UNLESS OTHERWISE NOTED.
SCALE: 1"=20'

The WLB Group

Engineering Planning Surveying
Civil/Structural/Highway/Transportation
Land Use/Planning/Urban Design/Architectural
Interior Design/Environmental/Architectural
Landscape Architecture/Architectural
Landscape Architecture/Architectural

PHASE 1 AT LINDA VISTA (PHASE 1)
LOTS 1 THROUGH 14 AND COMMON AREAS (24) (OPEN SPACE)

SECTION AND DETAILS

(PUBLIC SERVICE AND PUBLIC SAFETY) PRIVATE CHANGING & BATHROOM IMPROVEMENT PLAN

LOTS 1 THROUGH 14 AND COMMON AREAS (24) (OPEN SPACE)



20
20