

IMPROVEMENT PLANS
FOR
THE ORCHARDS - UNIT 2
@ GRAND TETON & TENAYA
A RESIDENTIAL SUBDIVISION
CITY OF LAS VEGAS, NEVADA
APN: 125-15-101-003

LEGEND

	EXISTING (10.00)	PROPOSED 10.00
DESIGN ELEVATION		
FUTURE ELEVATION		
SCARP (SLOPE VARIES)		
CONTOUR (1' INTERVAL)		
CONTOUR (5' INTERVAL)		
DIRECTION OF FLOW		
RETAINING WALL		
CMU WALL		
CENTERLINE		
RIGHT-OF-WAY		
CUT LINE-ASPHALT		
CURB AND GUTTER		
POWER POLE		
SIDEWALK RAMP		
CURB DROP INLET		
STORM DRAIN W/MANHOLE		
SIDEWALK		
PROPERTY LINE		
CUT-FILL LINE		
EDGE OF PAVEMENT		
SIGHT VISIBILITY ZONE		
CAP & 2" BLOW OFF VALVE		
WATERLINE FITTINGS		
GATE VALVE		
FIRE HYDRANT		
SEWER LINE W/MANHOLE		
SEWER LATERAL		
WATER LINE		
WATER LATERAL W/METER		
PRESSURE REDUCING VALVE		
BACKWATER VALVE		
200A SERVICE PEDESTAL		
STREET LIGHT CONDUIT		
F.A.S.T. CONDUIT		
TRAFFIC SIGN		
STOP SIGN W/STREET NAME SIGN		
100W HPS LUMINAIRE W/11 GA. POLE		
250W HPS LUMINAIRE W/11 GA. POLE		
400W HPS LUMINAIRE W/11 GA. POLE		
COURSES OF RETAINING WALL		

APPROVAL SIGNATURES

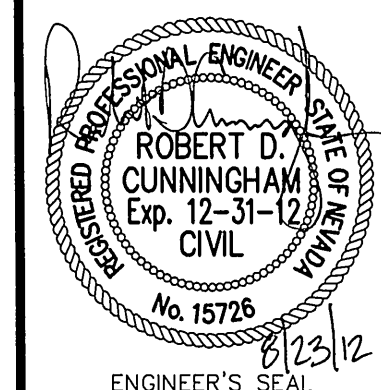
APPROVED FOR CONSTRUCTION	
CITY OF LAS VEGAS FIRE MARSHAL	DATE
DAVID BOWERS, P.E., P.T.O.E. (P.E.#16736) ACTING CITY ENGINEER -- CITY OF LAS VEGAS APPROVAL OF THESE PLANS BY THE CITY ENGINEER IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHT-OF-WAY, AND/OR DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND/OR SPECIFICATIONS EXCEPT THOSE SPECIFICALLY LISTED UNDER DEVIATIONS FROM STANDARDS. THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED IN DEVIATIONS FROM STANDARD IN FAVOR OF THE UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS, CLARK COUNTY AREA, NEVADA.	DATE
DOUG RANKIN, AICP PLANNING MANAGER THIS PLAN MEETS THE APPLICABLE STANDARDS OF THE PLANNING AND DEVELOPMENT DEPARTMENT.	DATE
LVVWD ENGINEERING SERVICES MANAGER (PROJ.# XXXXXXX) SHEETS:	DATE
COX COMMUNICATIONS LAS VEGAS, INC.	DATE
SOUTHWEST GAS	DATE
CENTURYLINK THE AFFIXED CENTURYLINK APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICT WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS.	DATE
NV ENERGY NV ENERGY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NV ENERGY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.	DATE

DR HORTON
330 CAROUSEL PKWY.
HENDERSON, NV 89044
(702) 635-5600 FAX: (800) 909-4601

TANEY ENGINEERING
6800 S. JONES BLVD STE# 100
LAS VEGAS, NV 89118
(702) 362-8844 FAX: (702) 362-5233

THE ORCHARDS - UNIT 2
@ GRAND TETON AND TENAYA
A RESIDENTIAL SUBDIVISION

COVER SHEET



DATE: 8/23/2012
SCALE: NTS
JOB NO: DRH-12-033
DESIGNED BY: RDC
CHECKED BY: SF
SHEET NAME: C1
SHEET: 01 OF 09
CLV

INDEX OF SHEETS

01	C1	- COVER SHEET
02	C2	- GENERAL NOTES AND QUANTITIES
03	G1	- GRADING PLAN
04	GD1	- GRADING DETAILS AND CROSS SECTIONS
05	PP1	- TENAYA WAY STA.10+00 TO 17+50 PLAN AND PROFILE
06	PP2	- TENAYA WAY STA.17+50 TO 24+00 PLAN AND PROFILE
07	PP3	- SUMMER SOLSTICE STA.10+00 TO 15+00 & FRESH HARVEST STA.15+00 TO 22+00 PLAN AND PROFILE
08	PP4	- ABUNDANT HARVEST STA.20+00 TO 26+50 PLAN AND PROFILE

LEGAL DESCRIPTION

BEING LOT TWO (2) OF THAT CERTAIN CERTIFICATE OF LAND DIVISION ON FILE IN FILE 001, PALM 0055, CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, RECORDED OCTOBER 11, 2001 IN BOOK 20011011 AS DOCUMENT NO 02282, OFFICIAL COUNTY RECORDED, CLARK COUNTY, NEVADA

BENCHMARK

CLARK COUNTY VERTICAL CONTROL POINT "BLV80 10SSW", BEING A CITY OF LAS VEGAS ROUND PLATE IN A CONCRETE CYLINDER, NORTHWEST CORNER OF GRAND TETON PIONEER WAY NEAR PT OF PIONEER WAY

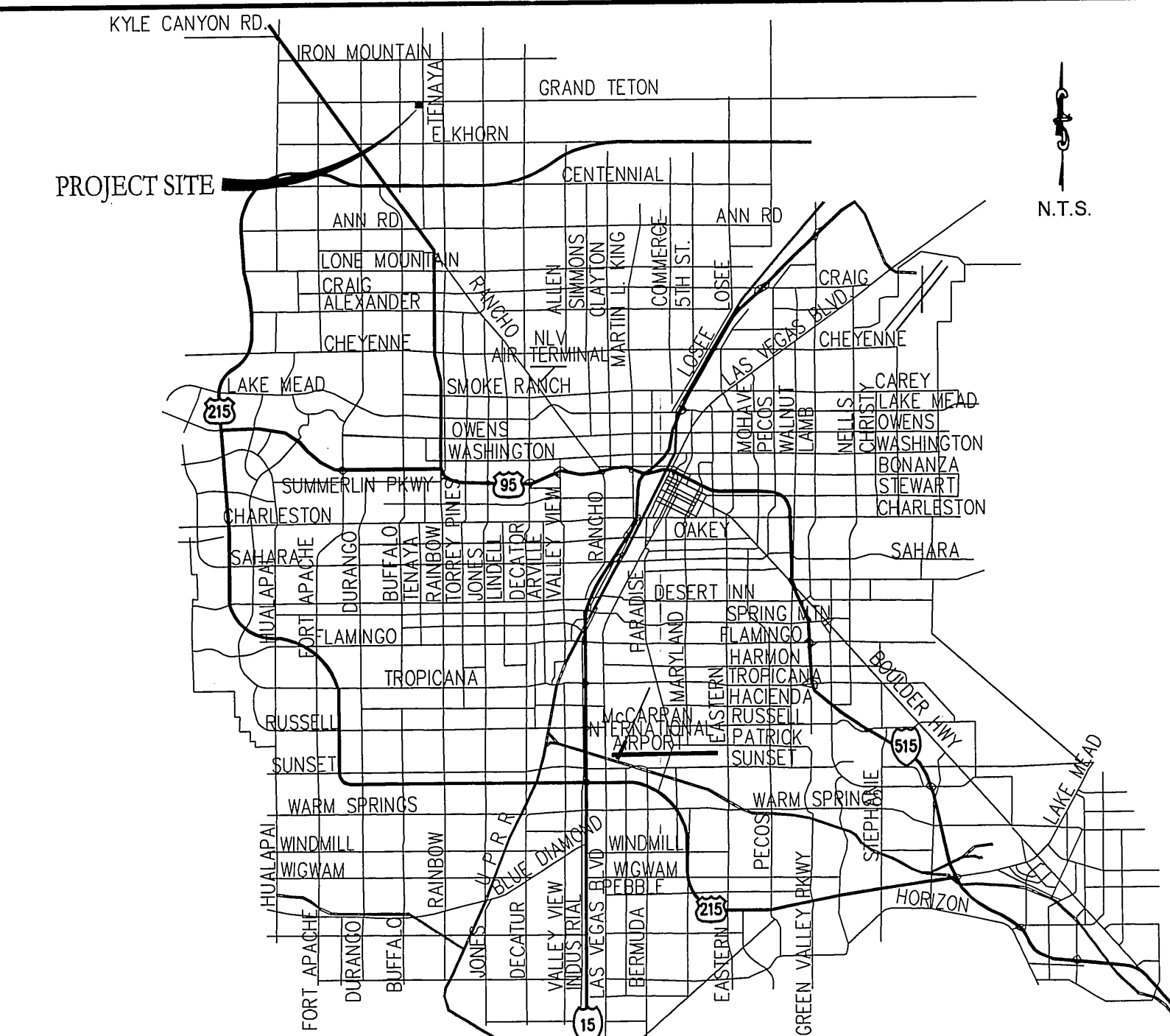
ELEVATION: 2397.47 (FEET)
730.750 (METERS)

CLARK COUNTY VERTICAL CONTROL V.2003 BASED ON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88)

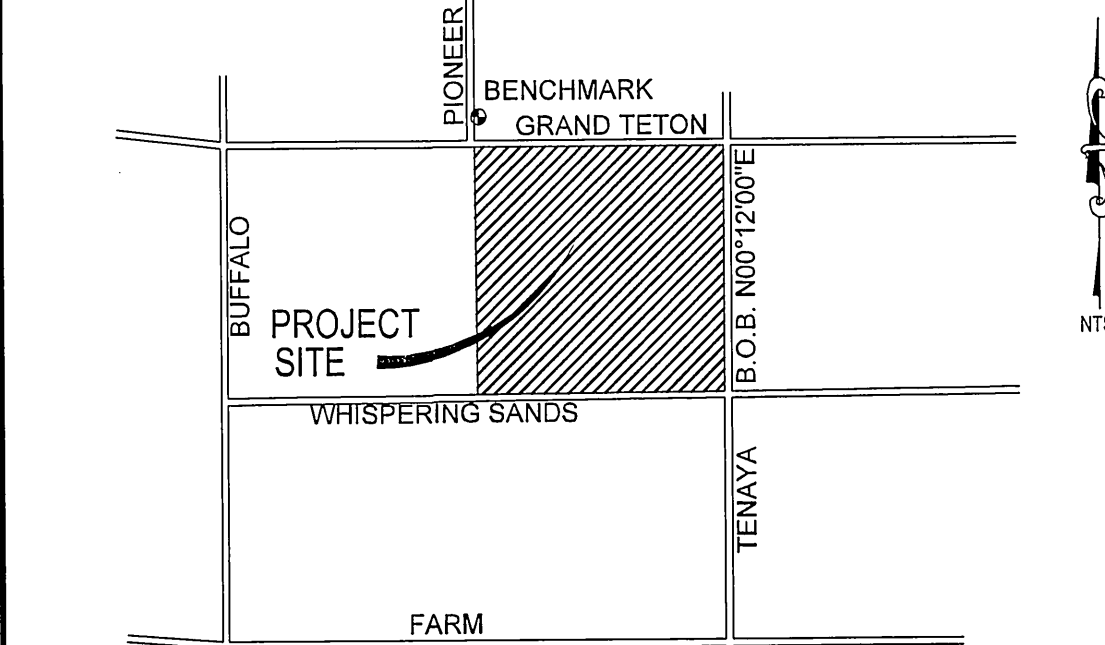
BASIS OF BEARINGS

NORTH 00°12'00" EAST BEING THE BEARING OF THE EAST LINE OF THE NORTHEAST QUARTER (NW 1/4) OF SECTION 15, TOWNSHIP 19 SOUTH, RANGE 60 EAST, 11TH CLARK COUNTY, NV AS SHOWN ON FILE 113 OF SURVEYS AT PAGE 92, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA.

VICINITY MAP



SITE MAP



UTILITY DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATIONS.
CALL BEFORE YOU DIG: 1-800-227-2600
CALL BEFORE YOU OVERHEAD: 1-702-227-2929

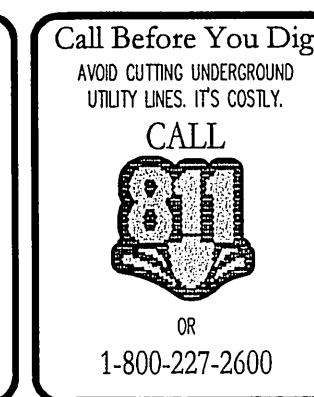
DEVELOPER/OWNER ENGINEER

D R HORTON
330 CAROUSEL PKWY
HENDERSON, NV 89044
(702) 635-5600 PHONE
(800) 909-4601 FAX

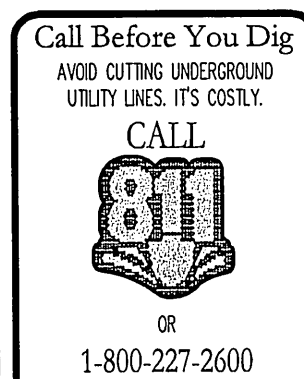
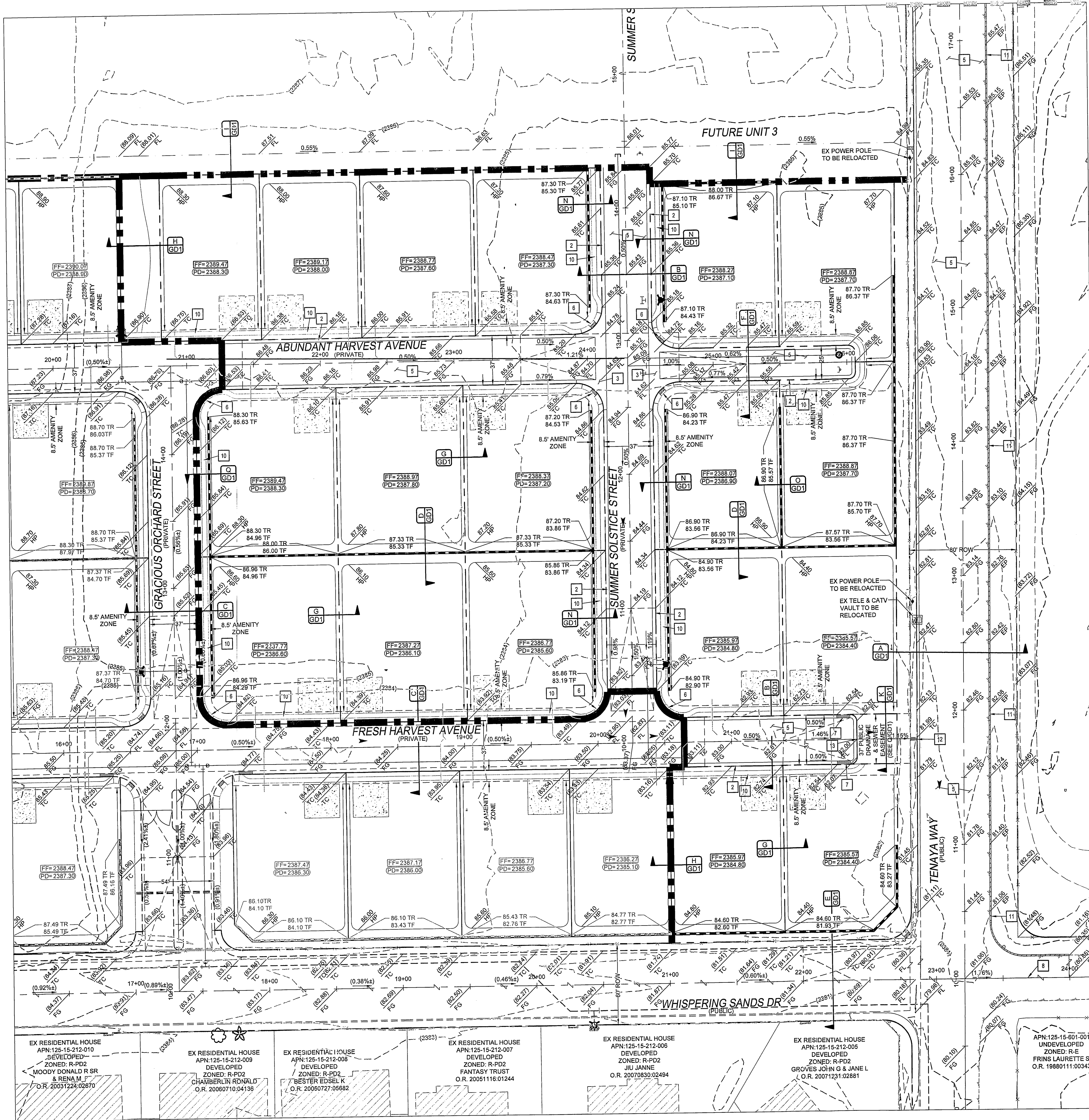
TANEY ENGINEERING COMPANY
6800 S. JONES BLVD STE #100
LAS VEGAS, NV 89118
(702) 362-8844 PHONE
(702) 362-5233 FAX

ABBREVIATIONS

AC	ASPHALTIC CONCRETE	PB	PULL BOX
BC	BACK OF CURB	PC	POINT OF CURVE
BCR	BACK OF CURB RADIUS	PCC	POINT OF COMPOUND CURVE
BFE	BASE FLOOD ELEVATION	PE	POLYETHYLENE
BFP	BACK FLOW PREVENTOR	PI	POINT OF INTERSECTION
BLM	BUREAU OF LAND MANAGEMENT	PL	PROPERTY LINE
BM	BENCHMARK	PLT	PLATE
BRPM	BLUE RAISED PAVEMENT MARKER	POC	POINT OF CONNECTION
BVC	BEGIN VERTICAL CURVE	PP	POWER POLE
BW	BOTTOM OF EXISTING WALL	PP	PRESSURE REDUCING VALVE
CATV	CABLE TELEVISION	PROJ	PROJECT
CC	CLARK COUNTY	PRV	POINT OF TANGENCY
CCSWCS	DESIGN AND CONSTRUCTION STANDARDS OF WASTE WATER COLLECTION SYSTEMS	PT	POLYVINYL CHLORIDE
CL	CONTROLLED LOW STRENGTH MATERIAL	PVC	RADIUS
CM	CITY OF LAS VEGAS	RCB	REINFORCED CONCRETE BOX
CONV	CORRUGATED METAL PIPE	RCP	REINFORCED CONCRETE PIPE
CO	CITY OF NORTH LAS VEGAS	ROW	RIGHT-OF-WAY
COH	CITY OF HENDERSON	RT	RIGHT
CY	CUBIC YARD	SD	STORM DRAIN
DCSWCS	DESIGN AND CONSTRUCTION STANDARDS OF WASTE WATER COLLECTION SYSTEMS	SHT	SHEET
DG	DESIGN GRADE	SLT	STREETLIGHT
DI	DUCTILE IRON PIPE	SNWA	SOUTHERN NEVADA WATER AUTHORITY
END	END OF CURVE	SS	SANITARY SEWER
ES	EXISTING GRADE	STA	STATION
ELEC	ELECTRICAL	STD	STANDARD
EP	EDGE OF PAVEMENT	SVZ	SIGHT VISIBILITY ZONE
EVC	END VERTICAL CURVE	SW	SIDEWALK
EX	EXISTING	SY	SQUARE YARD
FF	FINISH FLOOR ELEVATION	TC	TOP OF CURB
FL	FINISH GRADE	TELE	TELEPHONE
FL	FINISH GRADE	TR	TOP OF FOOTING
FL	FINISH GRADE	TR	TOP OF RETAINING
FL	FINISH GRADE	TW	TOP OF WALL
FL	FINISH GRADE	TYP	TYPICAL
FL	FINISH GRADE	UDACS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS
FL	FINISH GRADE	USD	UNIFORM STANDARD DRAWING
FL	FINISH GRADE	VC	VERTICAL CURVE
FL	FINISH GRADE	VCP	VITRIFIED CLAY PIPE
FL	FINISH GRADE	VG	VALLEY GUTTER
FL	FINISH GRADE	W	WATER
FL	FINISH GRADE	ZC	ZERO LIP CURB



[illegible]



GRADING NOTES

ADD 2300 FEET TO ALL GRADE TAGS TO GET ACTUAL ELEVATION.

THE ELEVATION DIFFERENCE BETWEEN THE PAD AND FINISH FLOOR IS DETERMINED FROM THE MINIMUM THICKNESS REQUIRED PER THE GEOTECHNICAL REPORT. FINISH FLOORS MAY INCREASE DEPENDING ON THE TYPE OF SOIL AND FOUNDATION PLAN USED. NOTE THAT THE STRUCTURAL PLANS & GEOTECHNICAL REPORT SHALL SUPERSEDE THE CIVIL IMPROVEMENT PLANS.

ALL PRIVATE STREETS AND DRAINAGE EASEMENTS ARE TO BE PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION (H.O.A.).

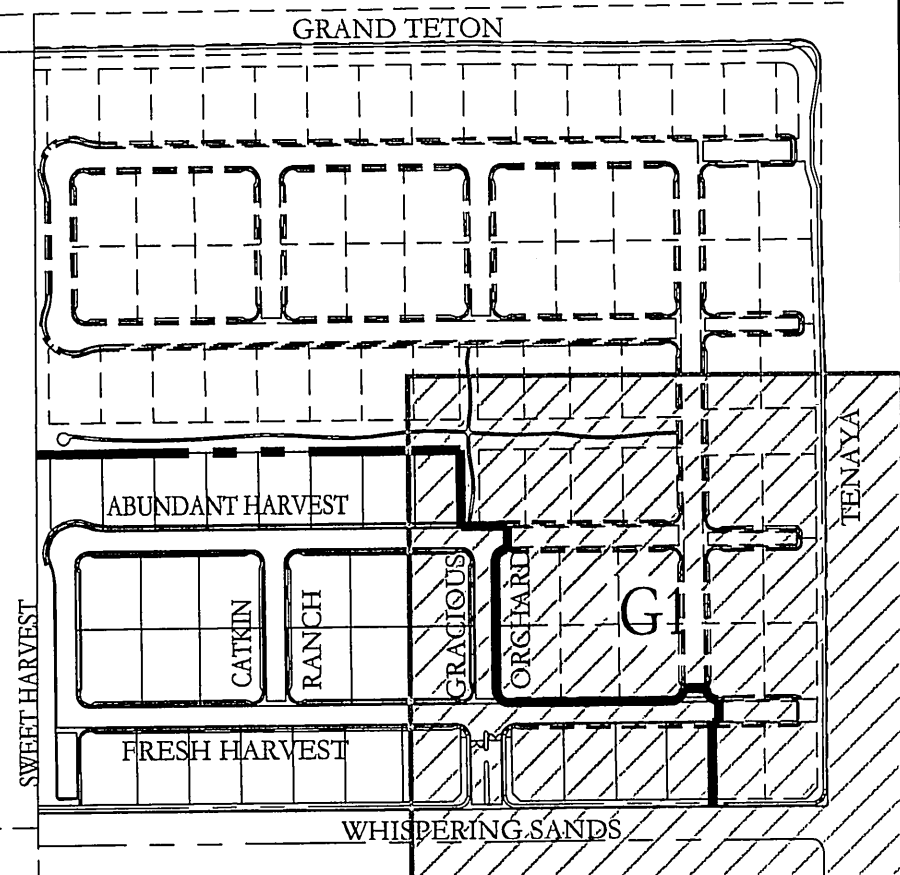
ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENTS HAVE BEEN OBTAINED FROM THE OFFSITE OWNER AND GIVEN TO CLARK COUNTY.

CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

CONSTRUCTION NOTES

1. 24" L-TYPE CURB & GUTTER (USD #216)
2. 30" ROLL TYPE CURB & GUTTER (USD #217.51)
3. 8.0" CROSS GUTTER (USD #228)
4. 5.0" SIDEWALK (USD #234)
5. AC PAVEMENT OVER TYPE II (PER GEOTECHNICAL REPORT)
6. SIDEWALK RAMP USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT (USD #235)
7. 10' TRANSITION FROM ROLL CURB TO DEPRESSED CURB (SEE DETAIL MGD1)
8. SAWCUT & MATCH EXISTING AC PAVEMENT
9. A-TYPE CURB (USD #219)
10. 3.5' DECOMPOSED GRANITE SIDEWALK
11. 2.0' CUTOFF WALL (SEE DETAIL PIGD1)
12. SIDEWALK UNDERDRAIN (USD#236)
13. 30" DEPRESSED CURB

KEY MAP



PRIVATE STREET EASEMENTS

ALL PRIVATE STREETS ARE P.U.E., PUBLIC SEWER EASEMENTS, AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY THE H.O.A.

FLOOD ZONE

THE PROJECT SITE IS LOCATED IN FLOODZONE "X" WHICH IS AN AREA DETERMINED TO BE OUTSIDE THE 0.20% ANNUAL CHANCE FLOODPLAIN PER FIRM MAP 32003C1745E REVISED SEPTEMBER 27, 2002.

EARTHWORK

TOTAL FOR OVERALL DEVELOPMENT: 1,291 CY CUT
18,121 CY FILL

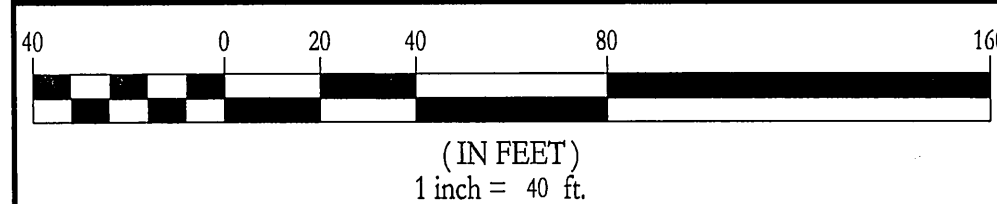
THIS OPINION OF THE CUT AND FILL QUANTITIES IS PROVIDED AS REQUIRED BY CLARK COUNTY BUILDING CODE REQUIREMENTS. THIS INFORMATION SHOULD NOT BE USED FOR BIDDING PURPOSES. ALL CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN QUANTITIES. THESE TOTALS ARE RAW AND DO NOT ACCOUNT FOR SHRINKAGE AND SUBSIDENCE.

GEOTECHNICAL

AMERICAN SOILS ENGINEERING, LLC
6000 S EASTERN AVE, STE 6-B
LAS VEGAS, NEVADA 89119

REPORT NO: 1588-GEO
DATE 06/04/12

SCALE



LEGAL DESCRIPTION

BEING LOT TWO (2) OF THAT CERTAIN CERTIFICATE OF LAND DIVISION ON FILE IN FILE 001, PAGE 0055, RECORDED OCTOBER 11, 2001 IN BOOK 20011011 AS DOCUMENT NO 02282, OFFICIAL RECORDS OF THE COUNTY RECORDED, CLARK COUNTY, NEVADA

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BENCHMARK

CLARK COUNTY VERTICAL CONTROL POINT "BLV90 10SSW6", BEING A CITY OF LAS VEGAS RIVET AND ROUND PLATE IN A CONCRETE CYLINDER, NORTHWEST CORNER OF GRAND TETON DRIVE AND PIONEER WAY NEAR PT OF PIONEER WAY

ELEVATION: 2397.47 (FEET)
730.760 (METERS)

CLARK COUNTY VERTICAL CONTROL V.2003 BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

GRADING CERTIFICATION

I CERTIFY THIS GRADING PLAN COMPLIES WITH THE APPROVED DRAINAGE STUDY, DS XX-XXXX, ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

ROBERT D. CUNNINGHAM, P.E.

DATE

APPROVAL BLOCK

ACCEPTANCE OF PLANS FOR FILING

BY: DEVELOPMENT AND FLOOD CONTROL

DATE

DATE: 8/23/2012

SCALE: 1"=40'

JOB NO: DRH-12-033

DESIGNED BY: RDC

CHECKED BY: SF

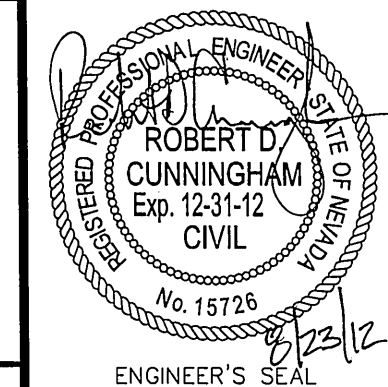
SHEET NAME: G1

SHEET: 03 OF 09

CLV

THE ORCHARDS - UNIT 2
@ GRAND TETON AND TENAYA
A RESIDENTIAL SUBDIVISION

GRADING PLAN



DATE: 8/23/2012

SCALE: 1"=40'

JOB NO: DRH-12-033

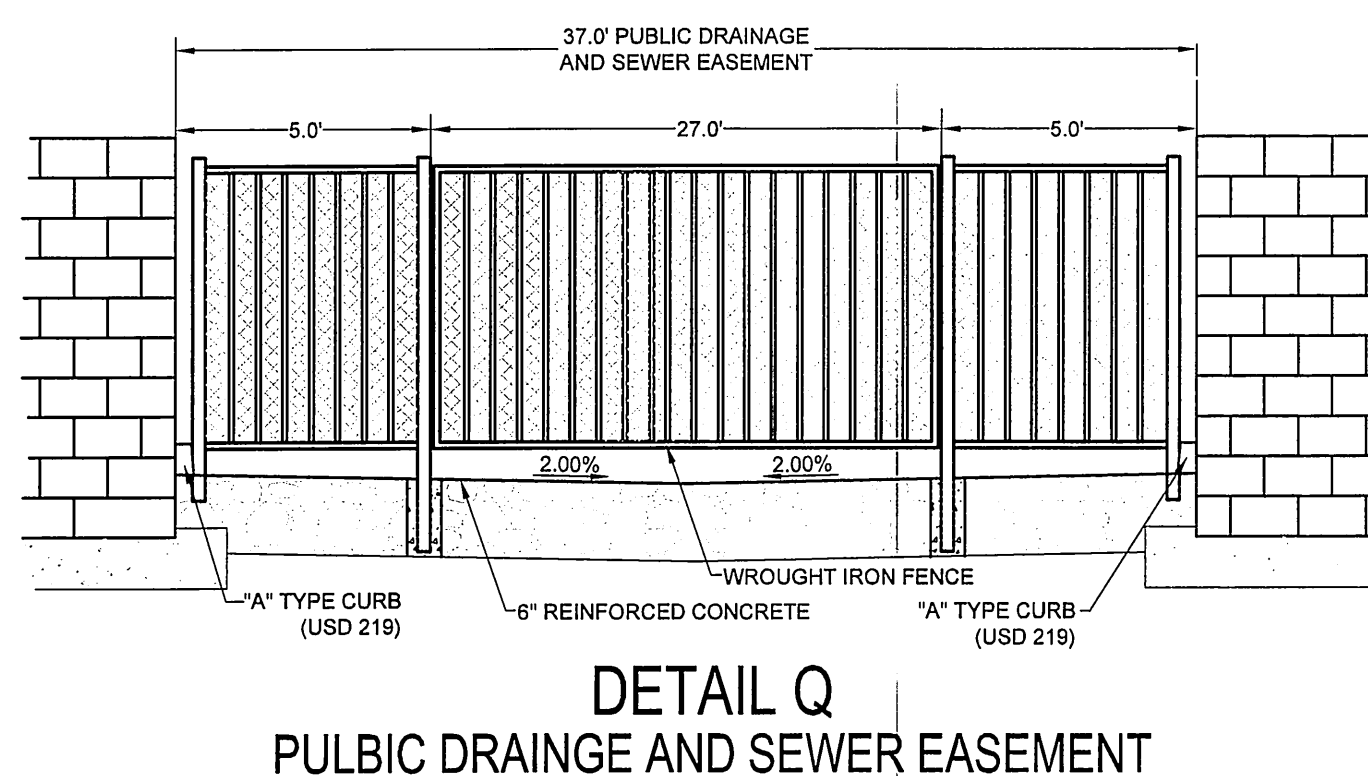
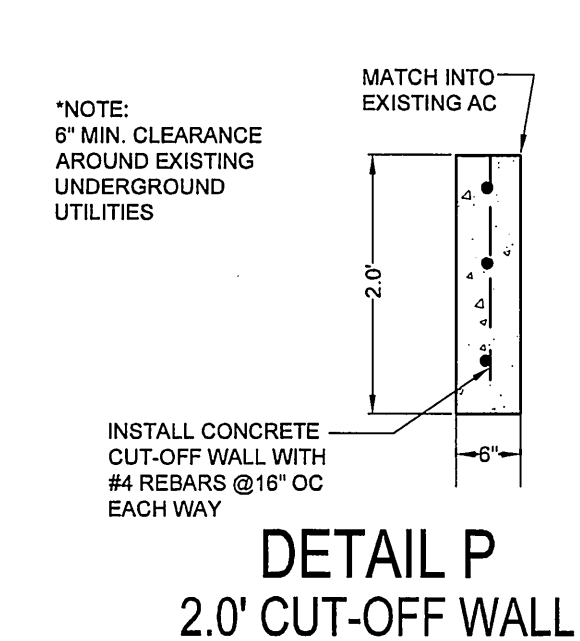
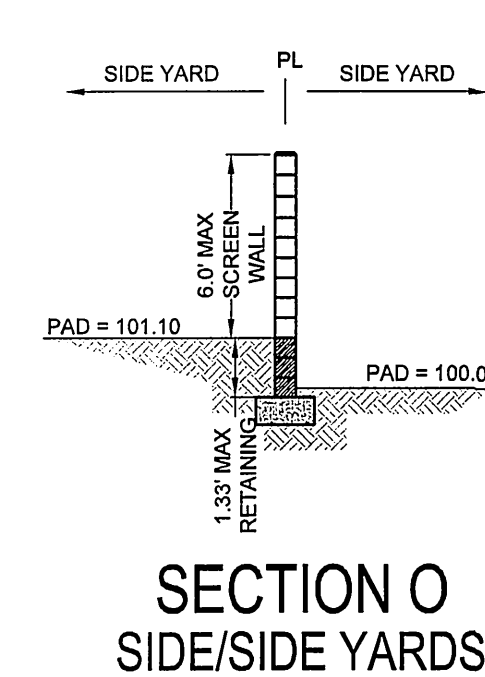
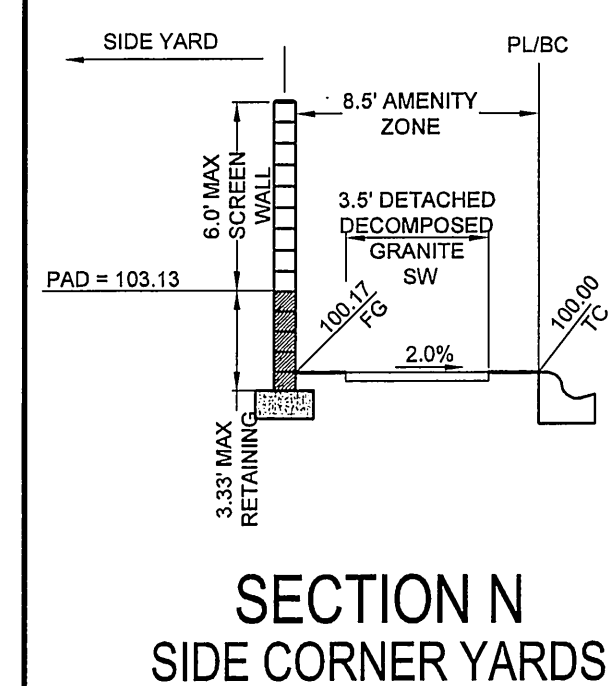
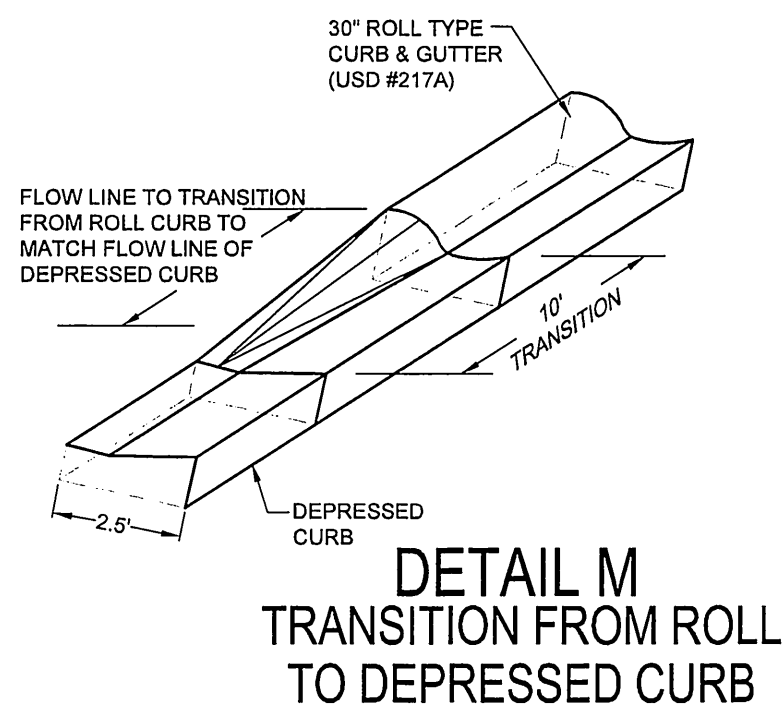
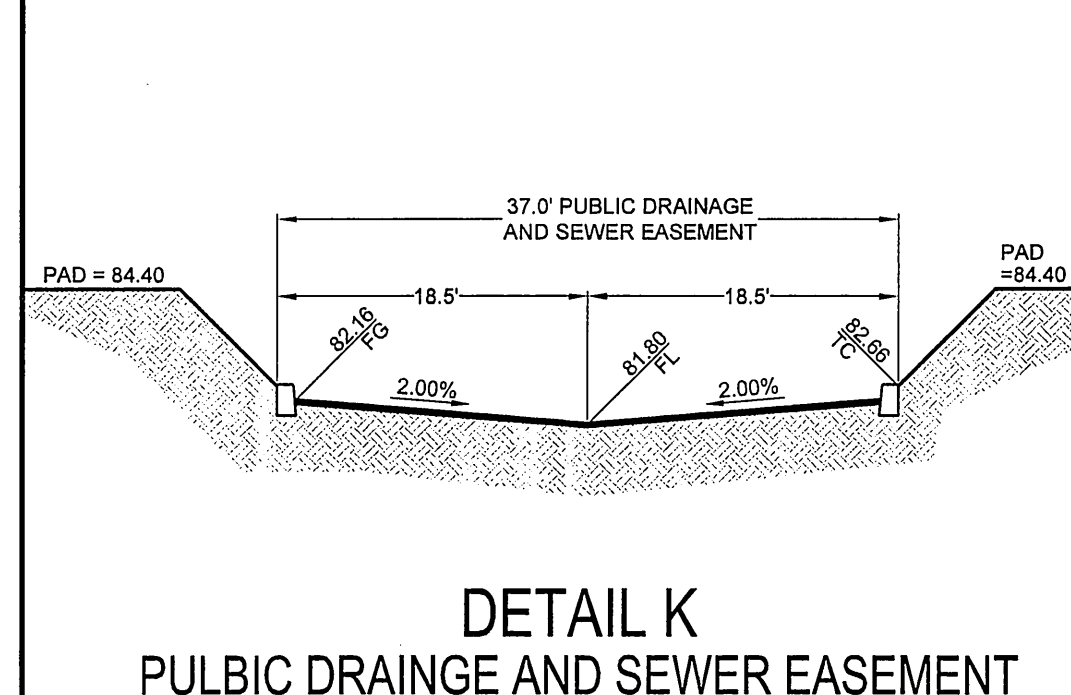
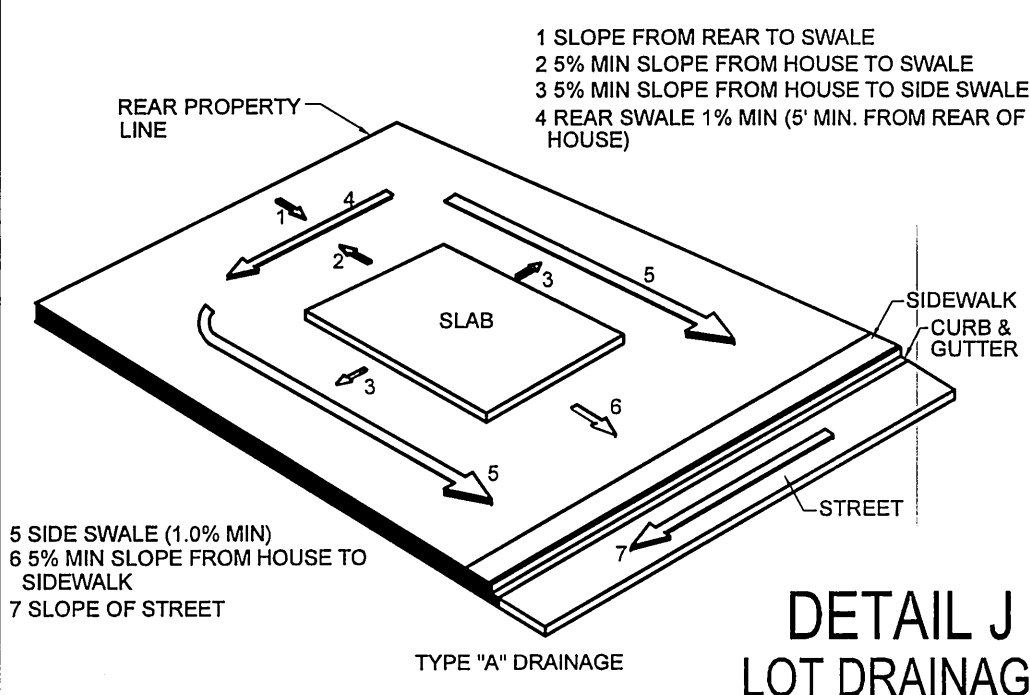
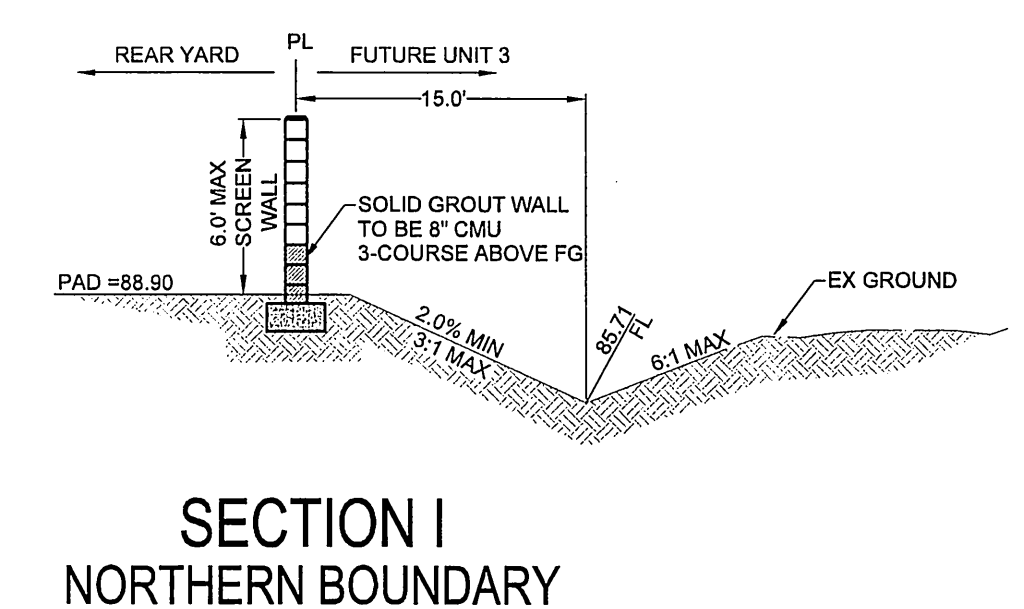
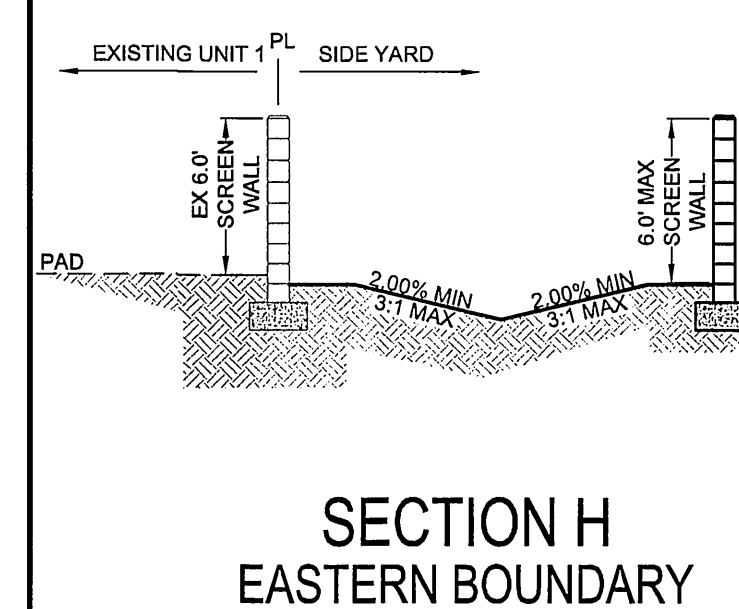
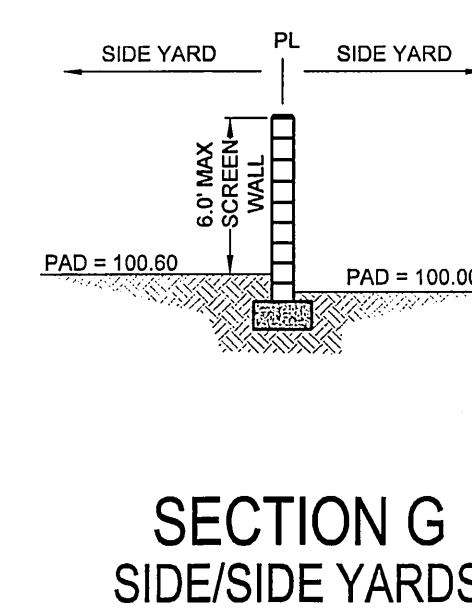
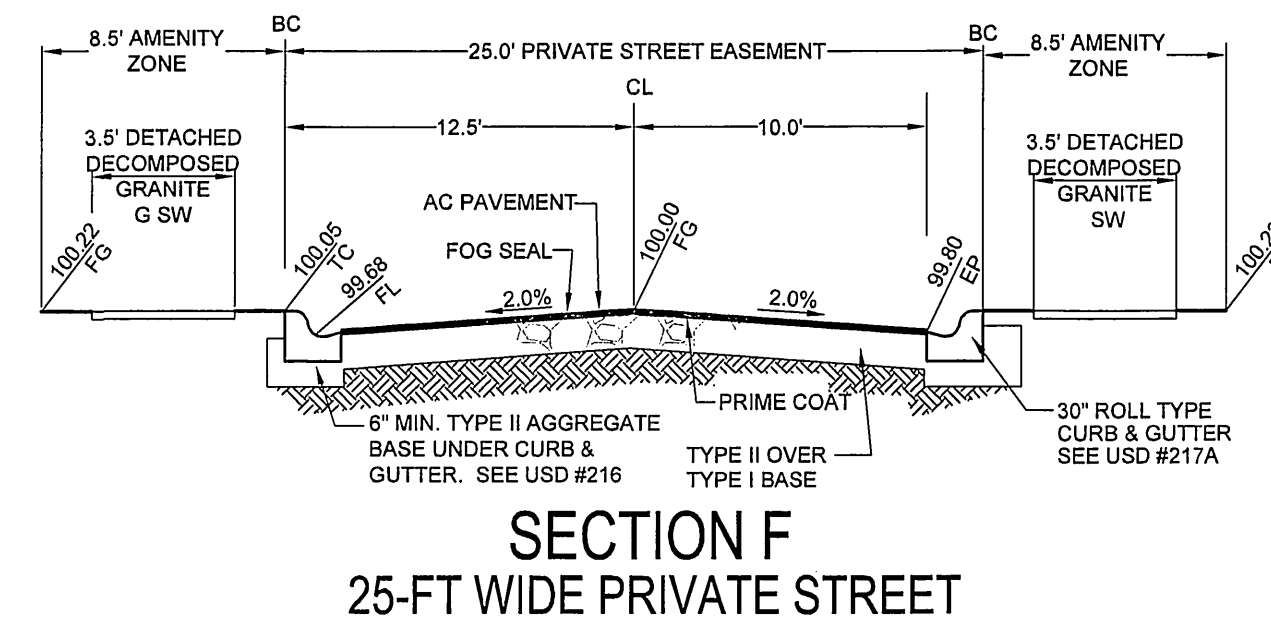
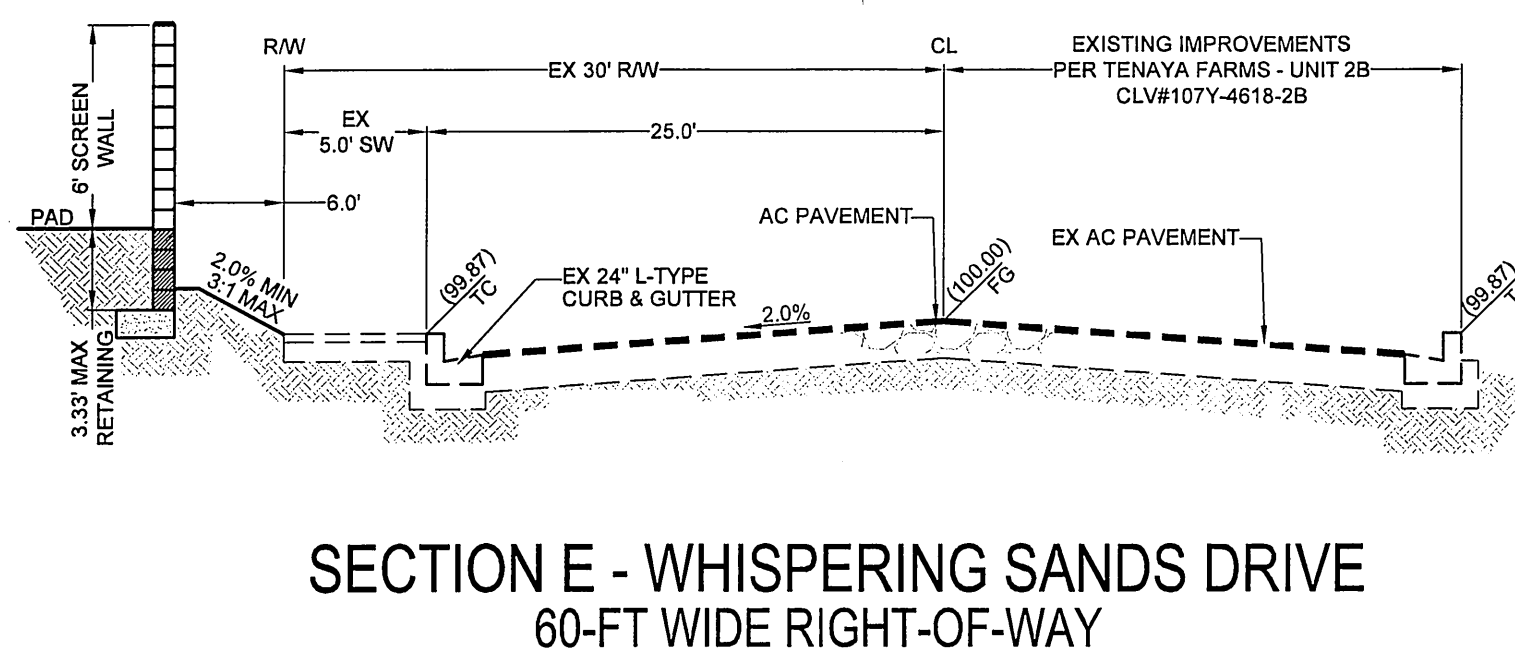
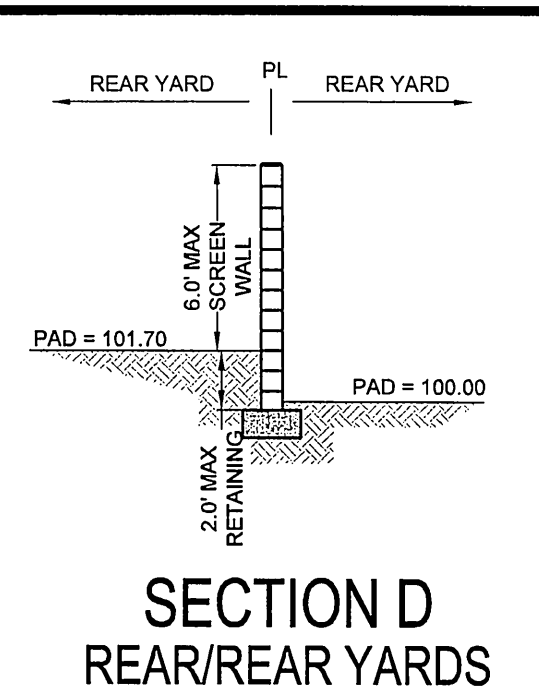
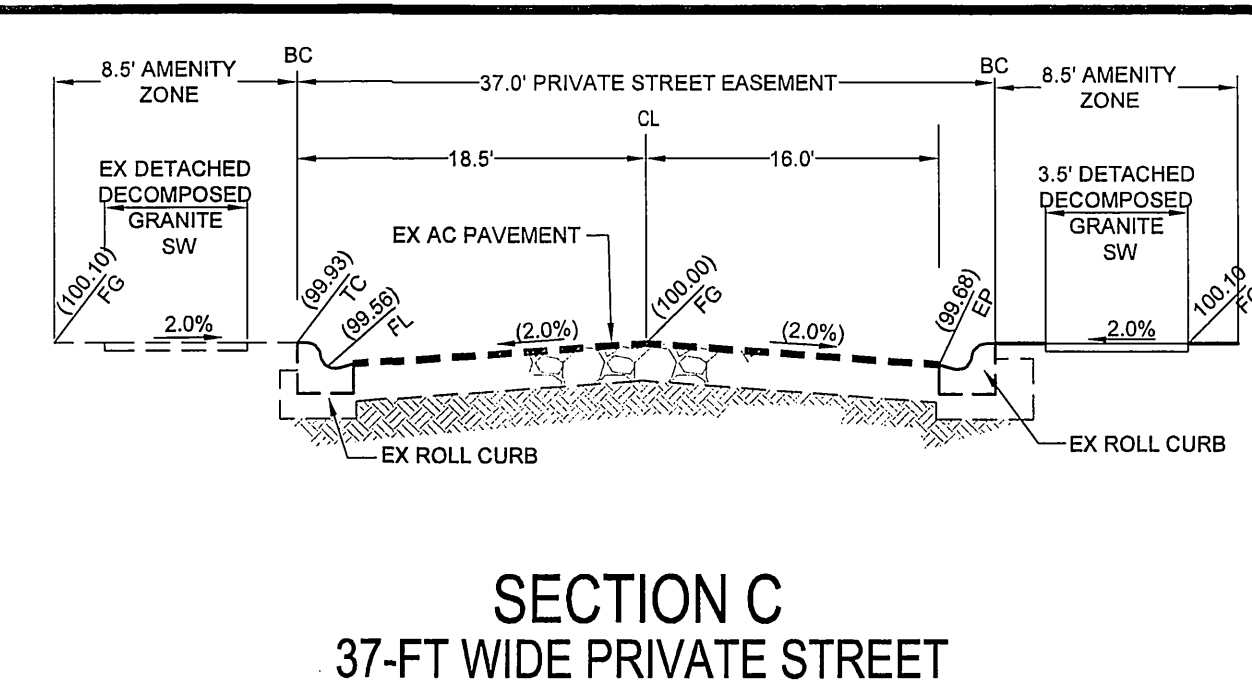
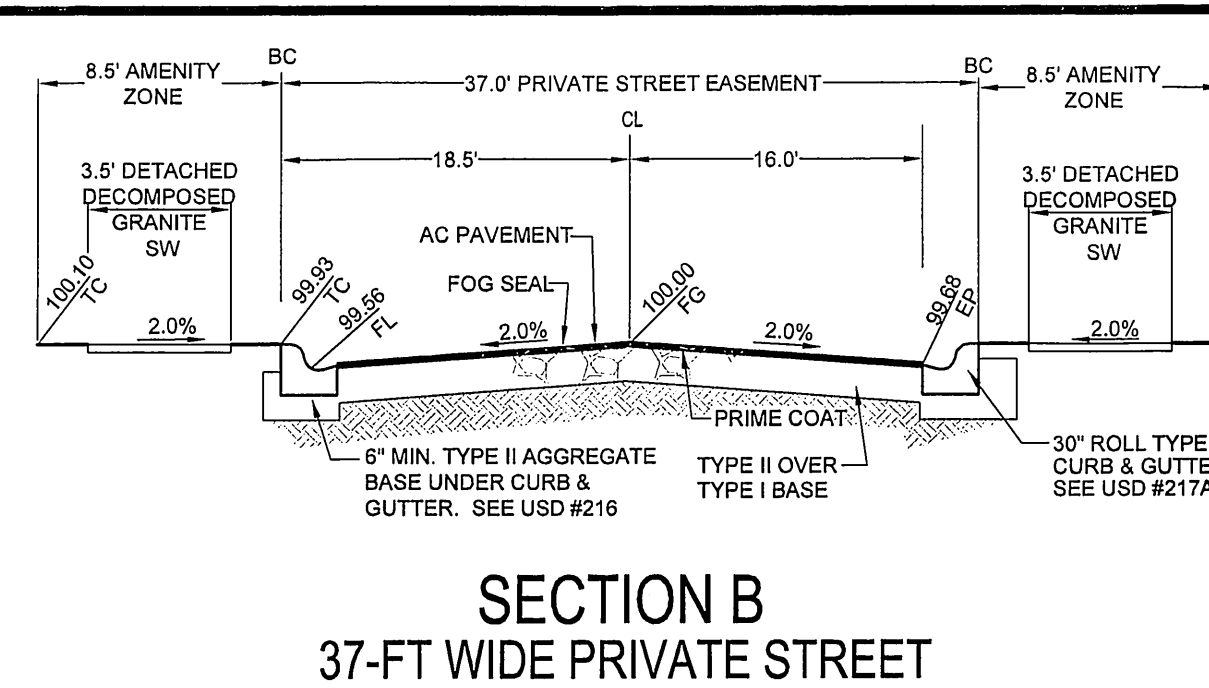
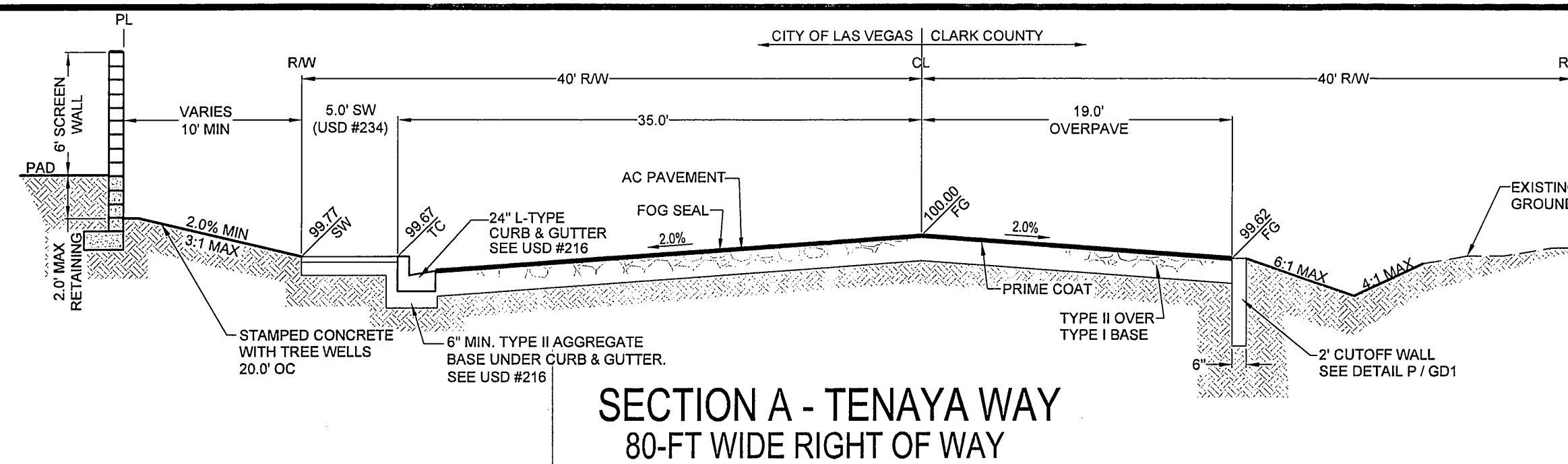
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CHECKED BY: SF

SHEET NAME: G1

SHEET: 03 OF 09

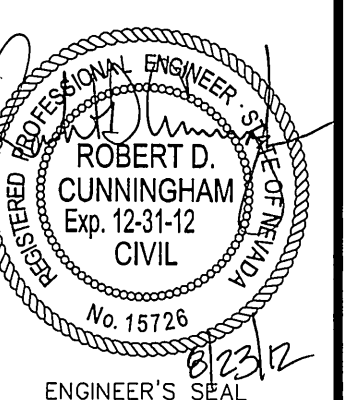
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TANEX ENGINEERING
6030 S. JONES BLVD STE# 100
LAS VEGAS, NV 89118
(702) 362-8844 FAX: (702) 362-5233

THE ORCHARD - UNIT 2
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A RESIDENTIAL SUBDIVISION

GRADING DETAILS AND CROSS SECTIONS



DATE: 8/23/2012

SCALE:	NTS
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OB NO: DRH-12-033

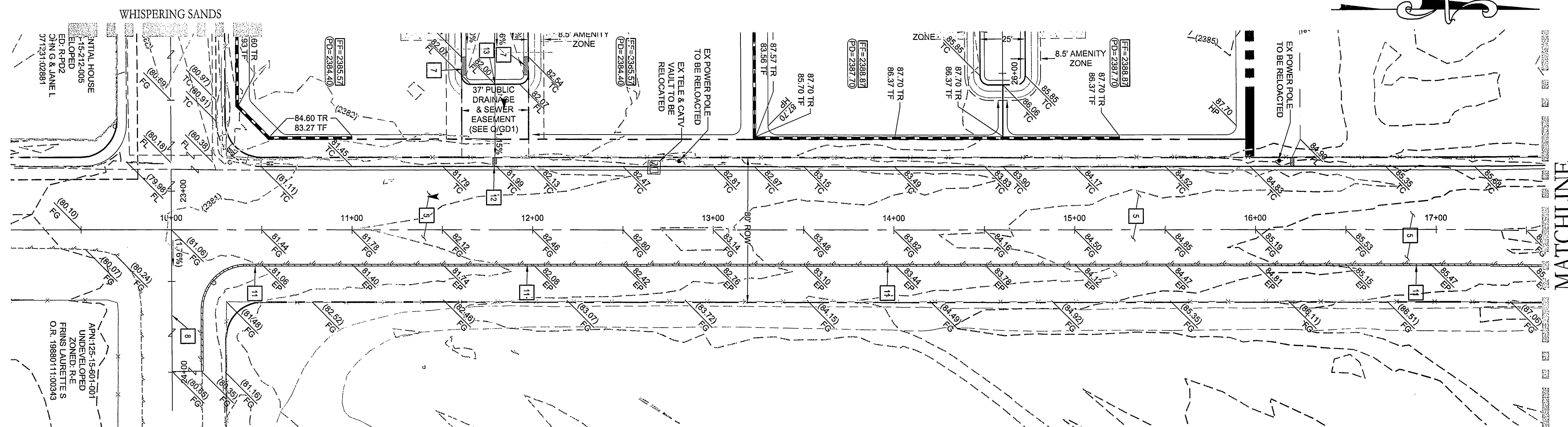
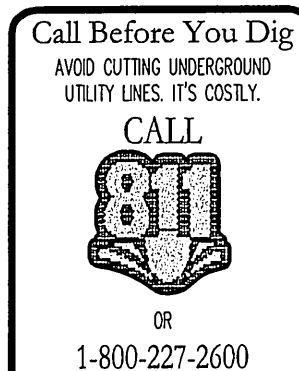
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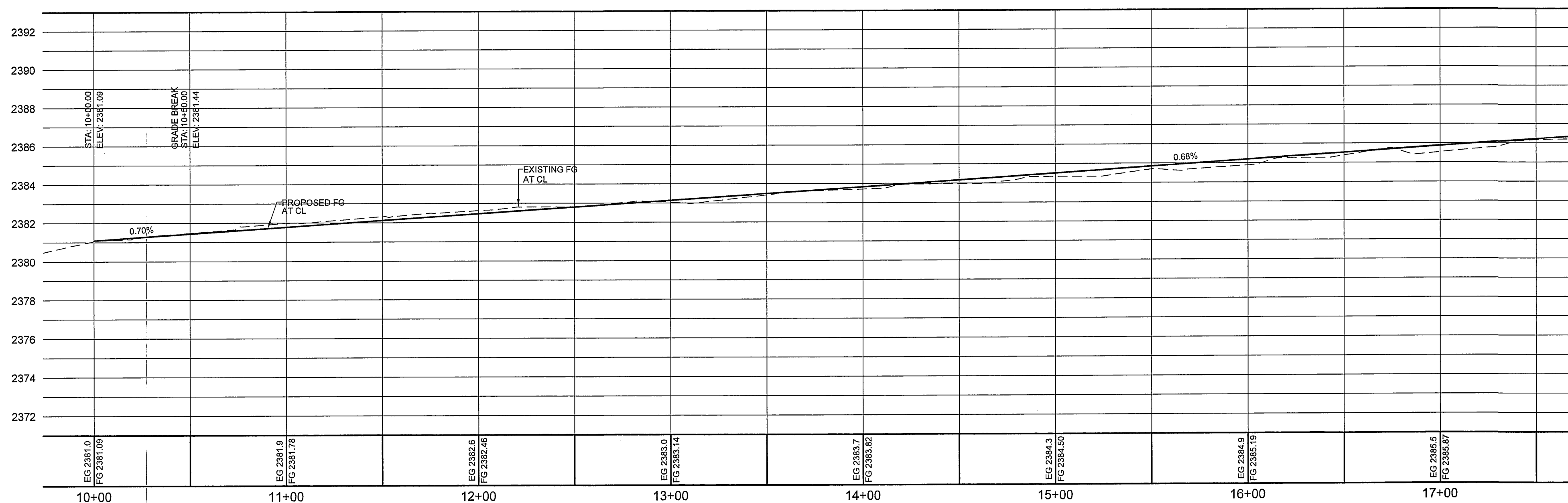
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04 00

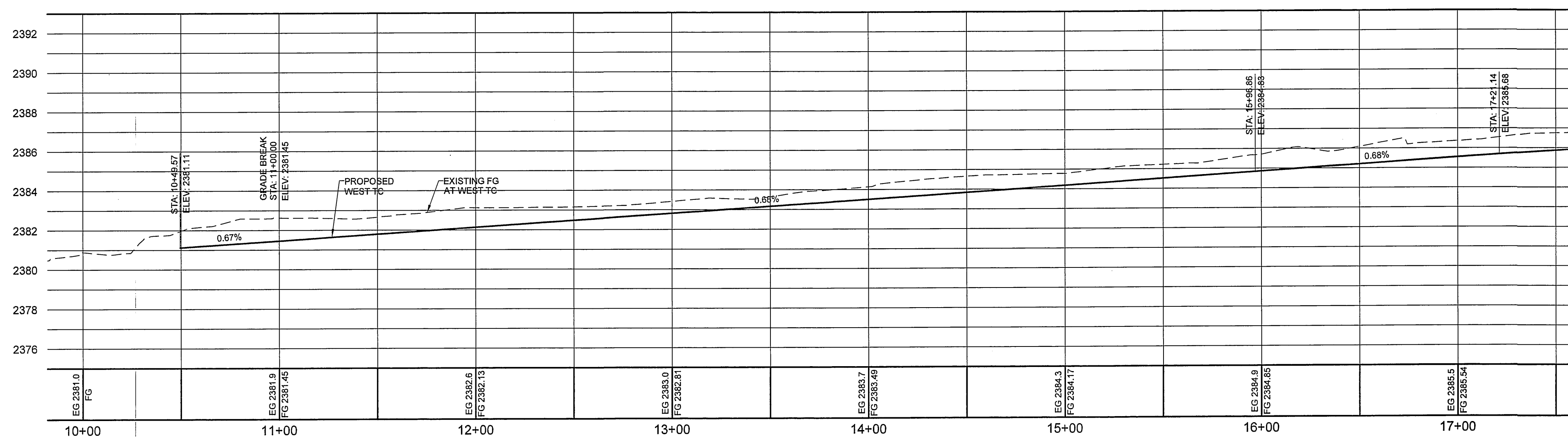


MATCHLINE
SEE STA:17+50

TENAYA - PLAN
STA: 10+00 TO 17+50

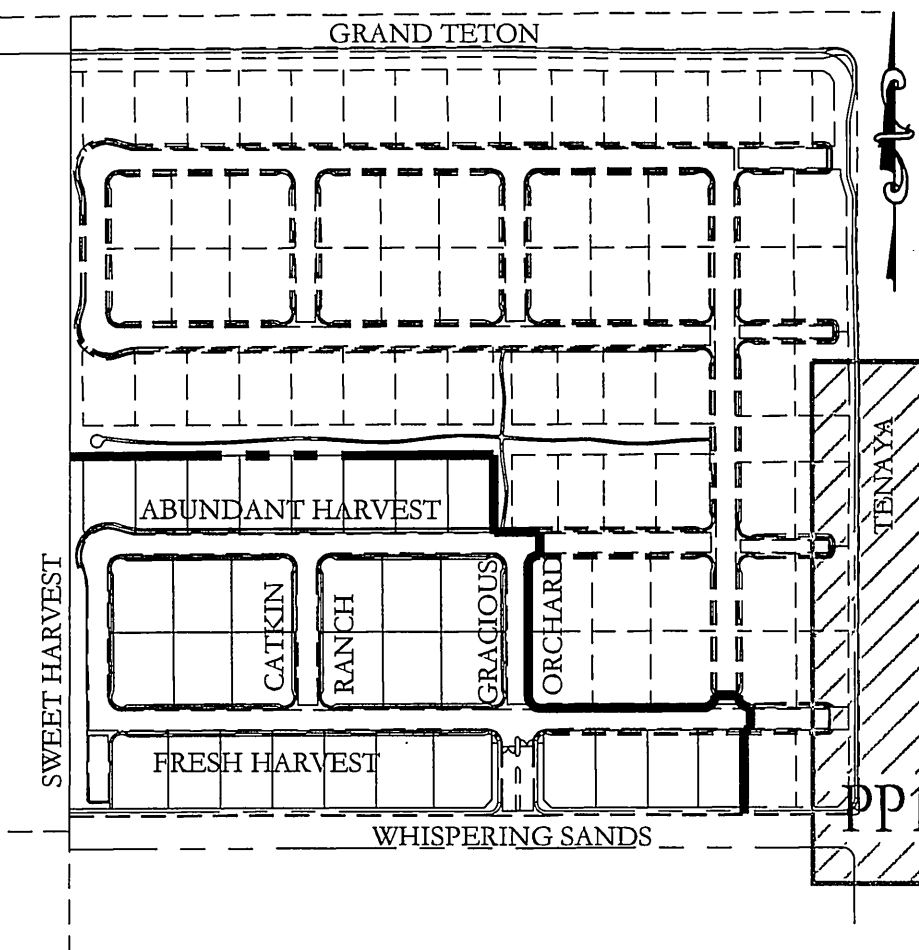


TENAYA CENTERLINE - PROFILE
STA: 10+00 TO 17+50
SCALE: 1"=40' HORIZ., 1"=4' VERT.



TENAYE WEST TOP OF CURB - PROFILE
STA: 10+00 TO 17+50
SCALE: 1"=40' HORIZ., 1"=4' VERT.

KEY MAP



GRADING NOTES

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GEOTECHNICAL

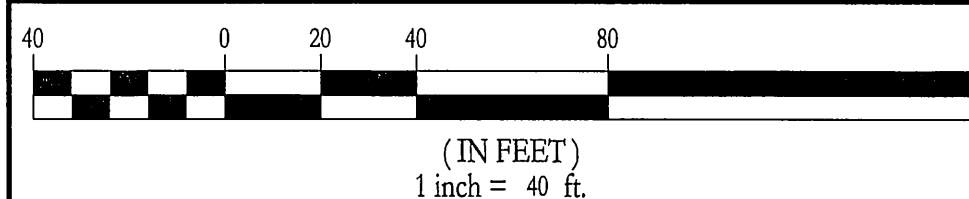
AMERICAN SOILS ENGINEERING, LLC
6000 S EASTERN AVE, STE 6-B
LAS VEGAS, NEVADA 89115

REPORT NO: 1588-GE0
DATE 06/04/12

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SCALE



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BEING LOT TWO (2) OF THAT CERTAIN CERTIFICATE OF LAND DIVISION ON FILE IN FILE 001, PAGE 0035, RECORDED OCTOBER 11, 2001 IN BOOK 2001/101 AS DOCUMENT NO 02282, OFFICIAL RECORDS OF THE COUNTY RECORDED, CLARK COUNTY, NEVADA

BASIS OF BEARINGS

NORTH 00°12'00" EAST BEING THE BEARING OF THE EAST LINE OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 15, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M. CLARK COUNTY, NV AS SHOWN ON FILE 113 OF SURVEYS AT PAGE 92, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA.

BENCHMARK

CLARK COUNTY VERTICAL CONTROL POINT "BLV001063W" BEING A CITY OF LAS VEGAS RIVET AND ROUND PLATE IN A CONCRETE CYLINDER, NORTHWEST CORNER OF GRAND TETON DRIVE AND PIONEER WAY NEAR PT OF PIONEER WAY

ELEVATION: 2397.47 (FEET)
730.750 (METERS)

CLARK COUNTY VERTICAL CONTROL V.2003 BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

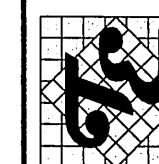
CONSTRUCTION NOTES

- 1) 24" L-TYPE CURB & GUTTER (USD #216)
- 2) 30" ROLL TYPE CURB & GUTTER (USD #217.S1)
- 3) 8" 0" CROSS GUTTER (USD #228)
- 4) 5" 0" SIDEWALK (USD #234)
- 5) AC PAVEMENT OVER TYPE II (PER GEOTECHNICAL REPORT)
- 6) SIDEWALK RAMP USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT (USD #235)
- 7) 10' TRANSITION FROM ROLL CURB TO DEPRESSED CURB (SEE DETAIL MOD)
- 8) SAWCUT & MATCH EXISTING AC PAVEMENT
- 9) A-TYPE CURB (USD #219)
- 10) 3.5' DECOMPOSED GRANITE SIDEWALK
- 11) 2.0' CUTOFF WALL (SEE DETAIL PIGD1)
- 12) SIDEWALK UNDERDRAIN (USD#236)
- 13) 30" DEPRESSED CURB

NO.	DESCRIPTION	REVISIONS	DATE
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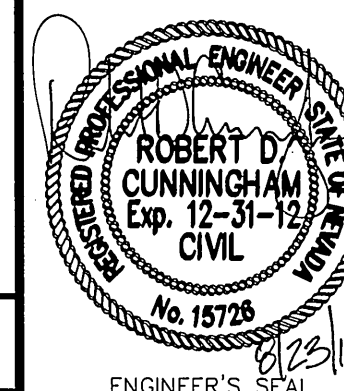
DR HORTON
330 CAROUSEL PKWY
HENDERSON, NV 89014
(702) 635-3600 FAX: (702) 900-4601

TANEY ENGINEERING
6800 S JONES BLVD STE# 100
LAS VEGAS, NV 89118
(702) 362-8844 FAX: (702) 362-5233

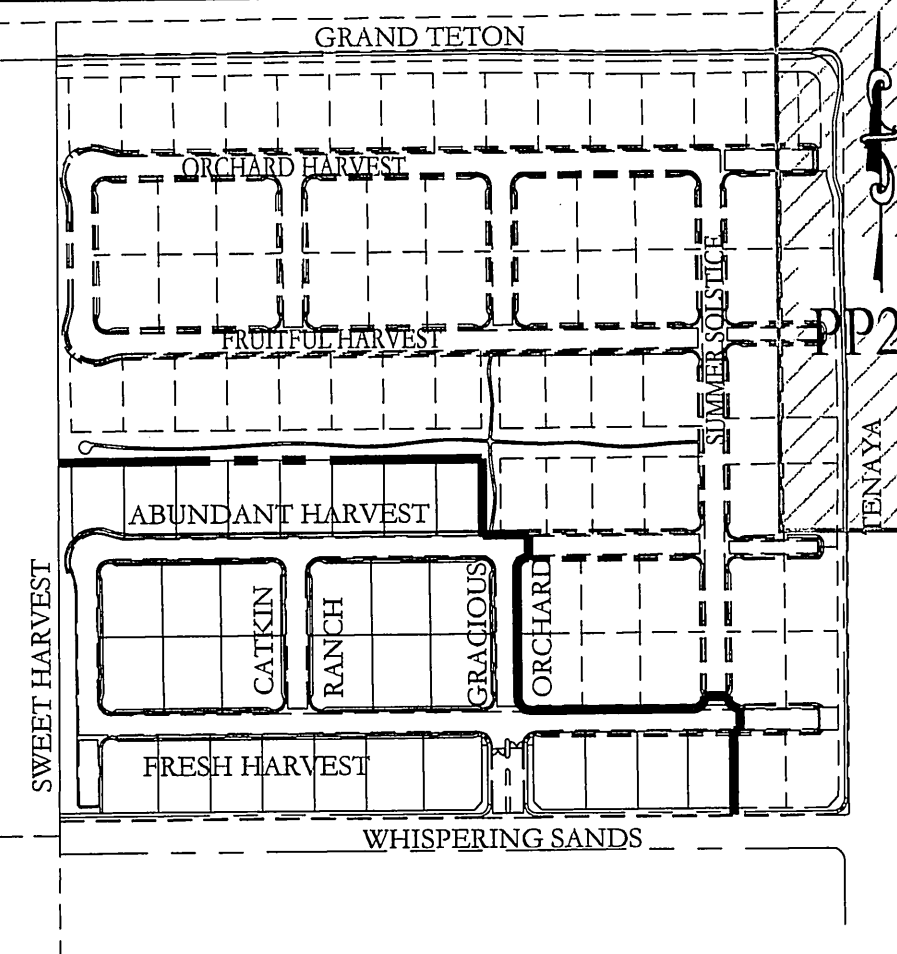
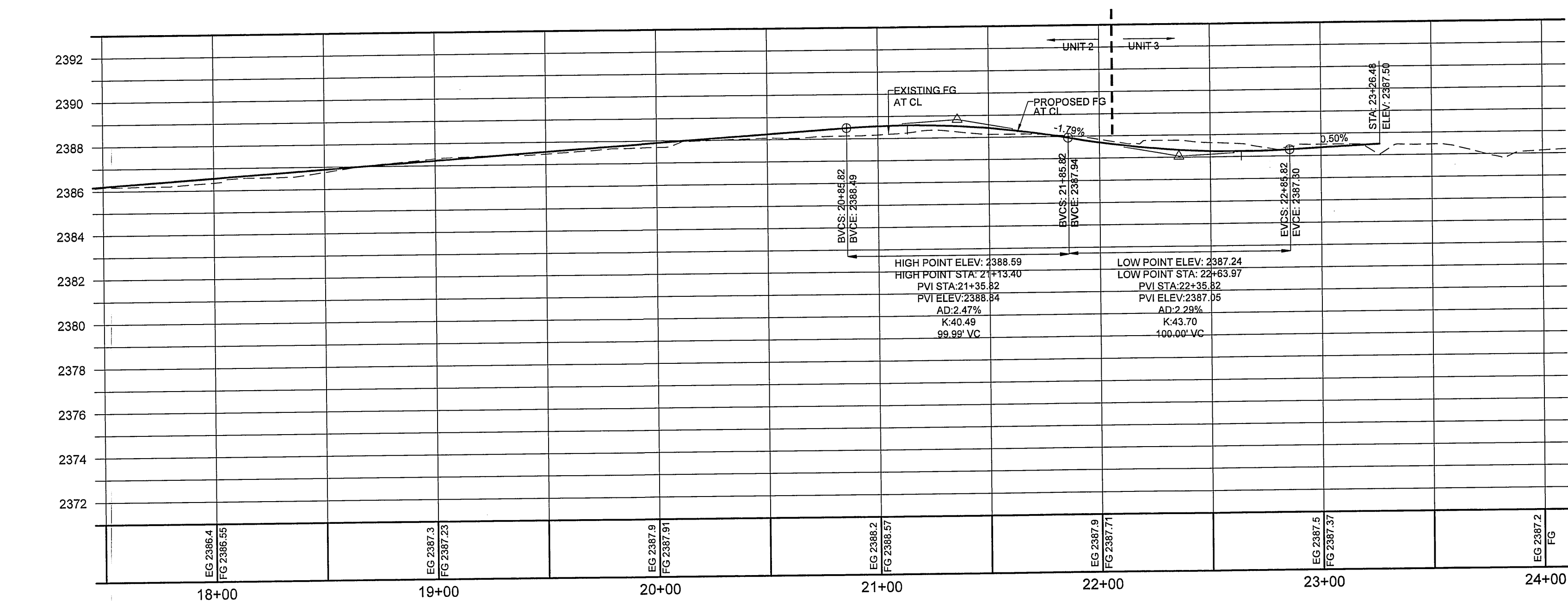


THE ORCHARDS - UNIT 2
@ GRAND TETON AND TENAYA
A RESIDENTIAL SUBDIVISION

TENAYA STA: 10+00 TO 17+50
PLAN AND PROFILE

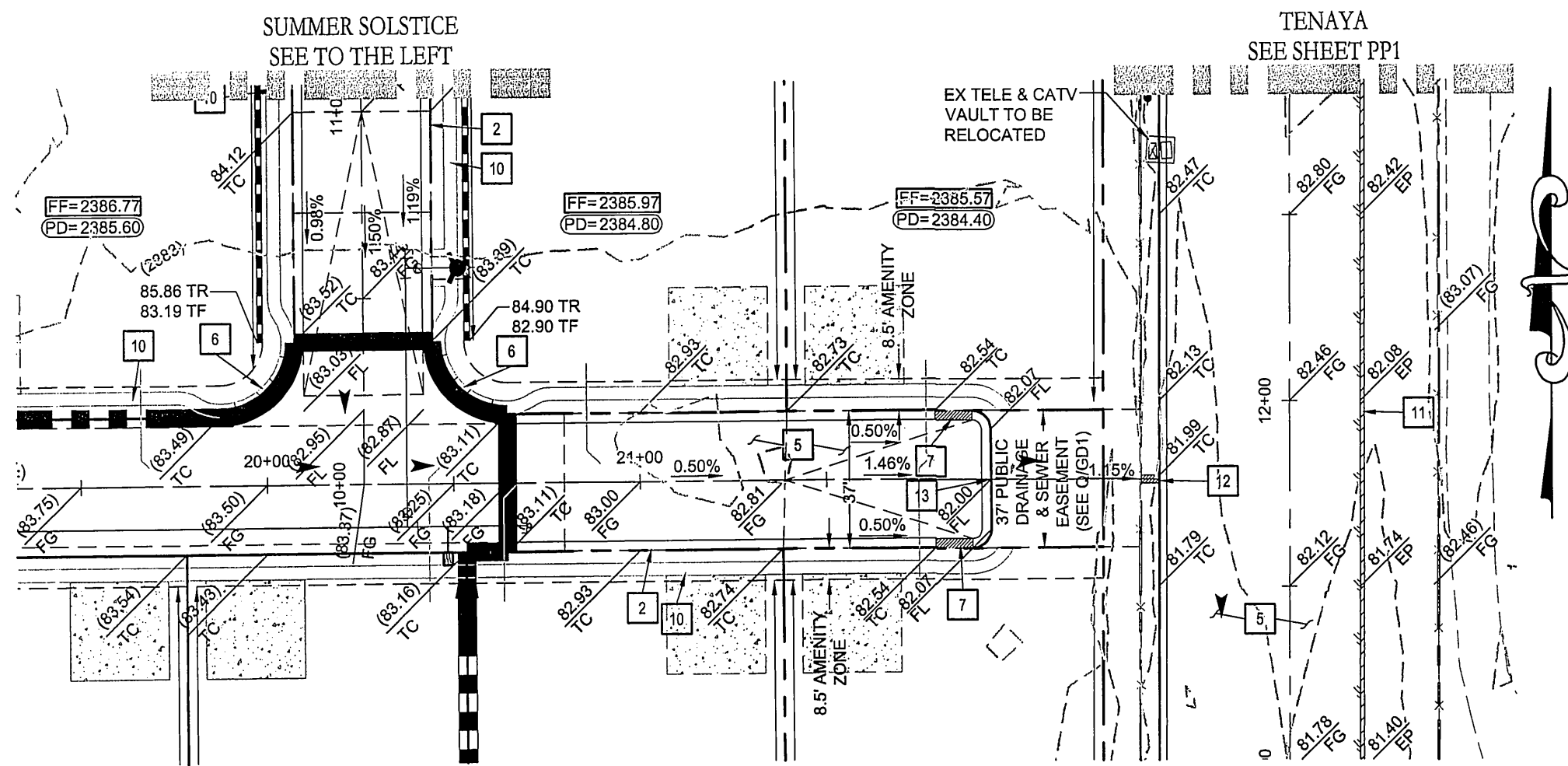


DATE: 8/23/2012
SCALE: 1"=40'
JOB NO: DRH-12-033
DESIGNED BY: RDC
CHECKED BY: SF
SHEET NAME: PP1
SHEET: 05 OF 09
CLV

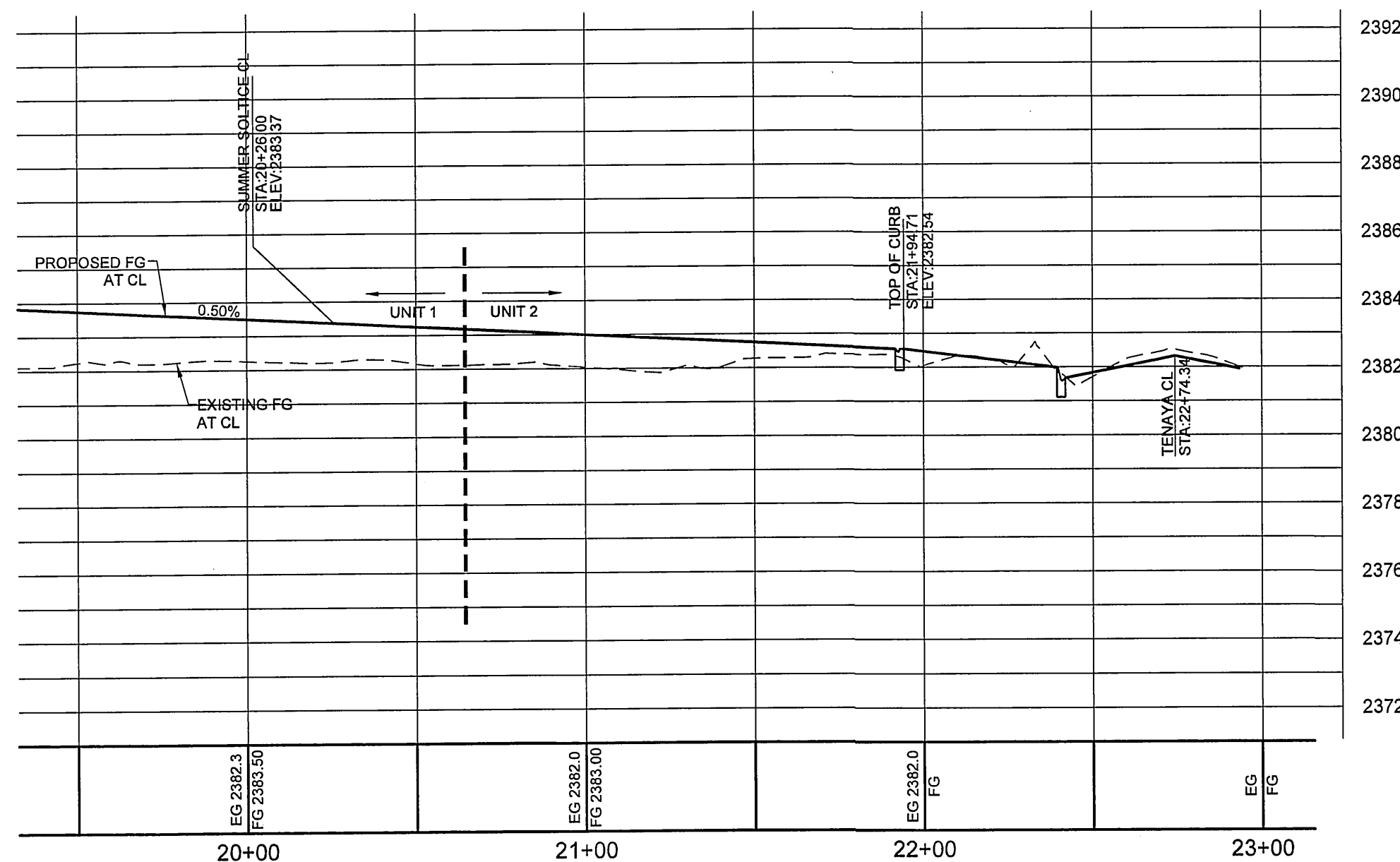


ENGINEER'S SEAL	
DATE:	8/23/2013
SCALE:	1"=40'
JOB NO:	DRH-12-03
DESIGNED BY:	RDO
CHECKED BY:	SI
SHEET NAME:	PP2
SHEET:	06 OF 09
CLV	

FILE NAME: 05 PP1.DWG



FRESH HARVEST - PLAN
STA: 19+50 TO 22+00



FRESH HARVEST - PROFILE
STA: 19+50 TO 22+00
SCALE: 1"=40' HORIZ., 1"=4' VERT.



ADD 2300 FEET TO ALL GRADE TAPS TO GET ACTUAL ELEVATION.

THE ELEVATION DIFFERENCE BETWEEN THE PAD AND FINISH RISE IS DETERMINED FROM THE MINIMUM THICKNESS REQUIRED PER THE GEOTECHNICAL REPORT. FINISH RISE WILL INCREASE DEPENDING ON THE TYPE OF SOIL AND FOUNDATION PLAN USED. NOTE THAT THE STRUCTURAL PLANS & GEOTECHNICAL REPORT SHALL SUPERSEDE THE CIVIL IMPROVEMENT PLANS.

ALL PRIVATE STREETS AND DRAINAGE EASEMENTS ARE TO BE PRIVATELY OWNED & MAINTAINED BY THE HOMEOWNERS ASSOCIATION (H.O.A.).

ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENT HAVE BEEN OBTAINED FROM THE OFFSITE OWNER AND GIVEN TO CITY OF LAS VEGAS.

CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

UTILITY DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATIONS. CALL BEFORE YOU DIG: 1-800-227-2600
CALL BEFORE YOU OVERHEAD: 1-702-227-2929

(IN FEET)
1 inch = 40 ft.

BEING LOT TWO (2) OF THAT CERTAIN CERTIFICATE OF LAND DIVISION ON FILE IN FILE NO. 001, PAGE 0055, RECORDED OCTOBER 11, 2001 IN BOOK 20011011 AS DOCUMENT NO. 02282, OFFICIAL RECORDS OF THE COUNTY RECORDED, CLARK COUNTY, NEVADA

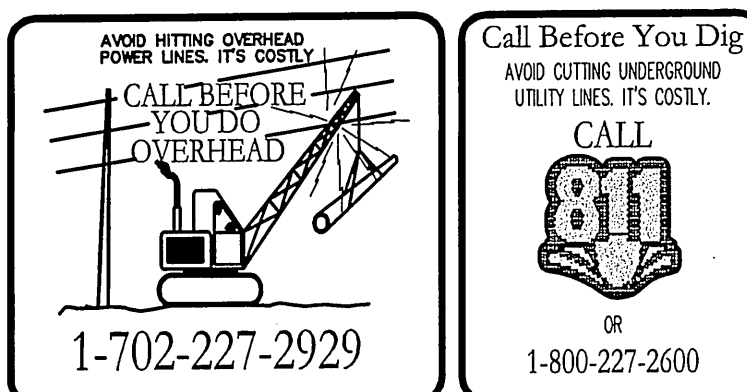
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CLARK COUNTY VERTICAL CONTROL POINT "BLV80 10SSWS", BEING A CITY OF LAS VEGAS RIVET AND ROUND PILE IN A CONCRETE CYLINDER, NORTHWEST CORNER GRAND TETON DRIVE AND PIONEER WAY NEAR PT OF PIONEER WAY

ELEVATION: 2397.47 (FEET)
730.750 (METERS)

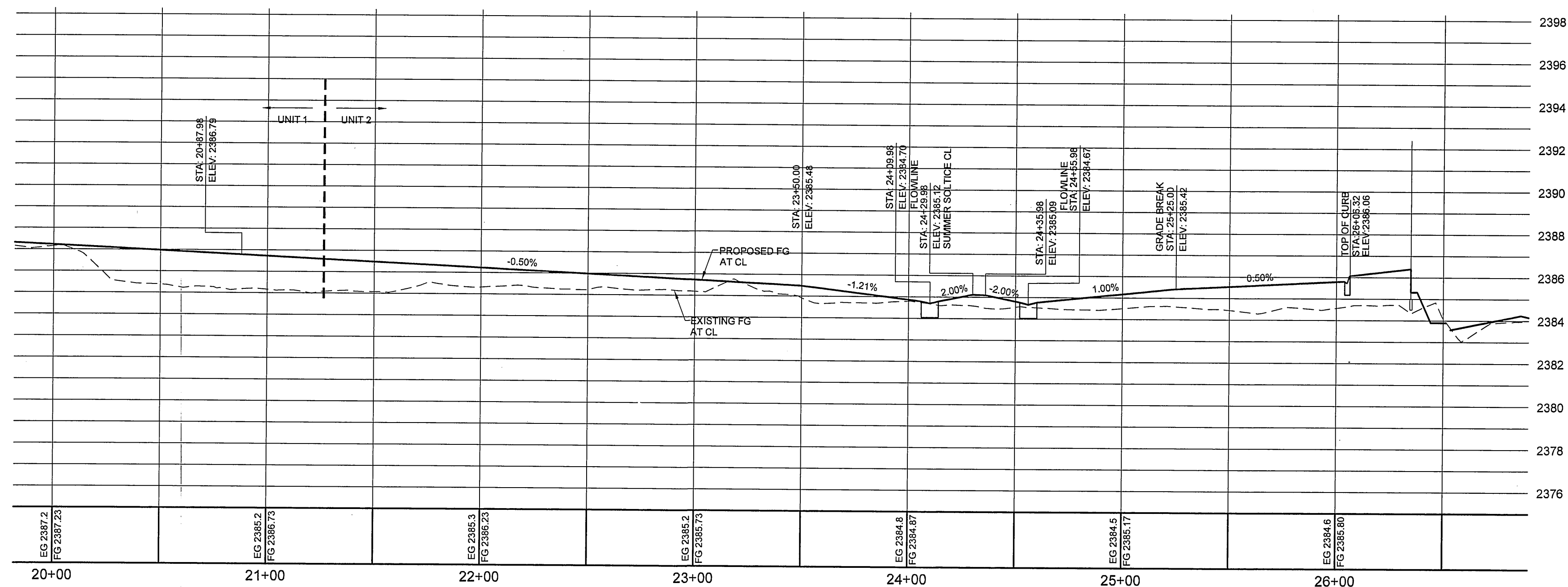
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[illegible]

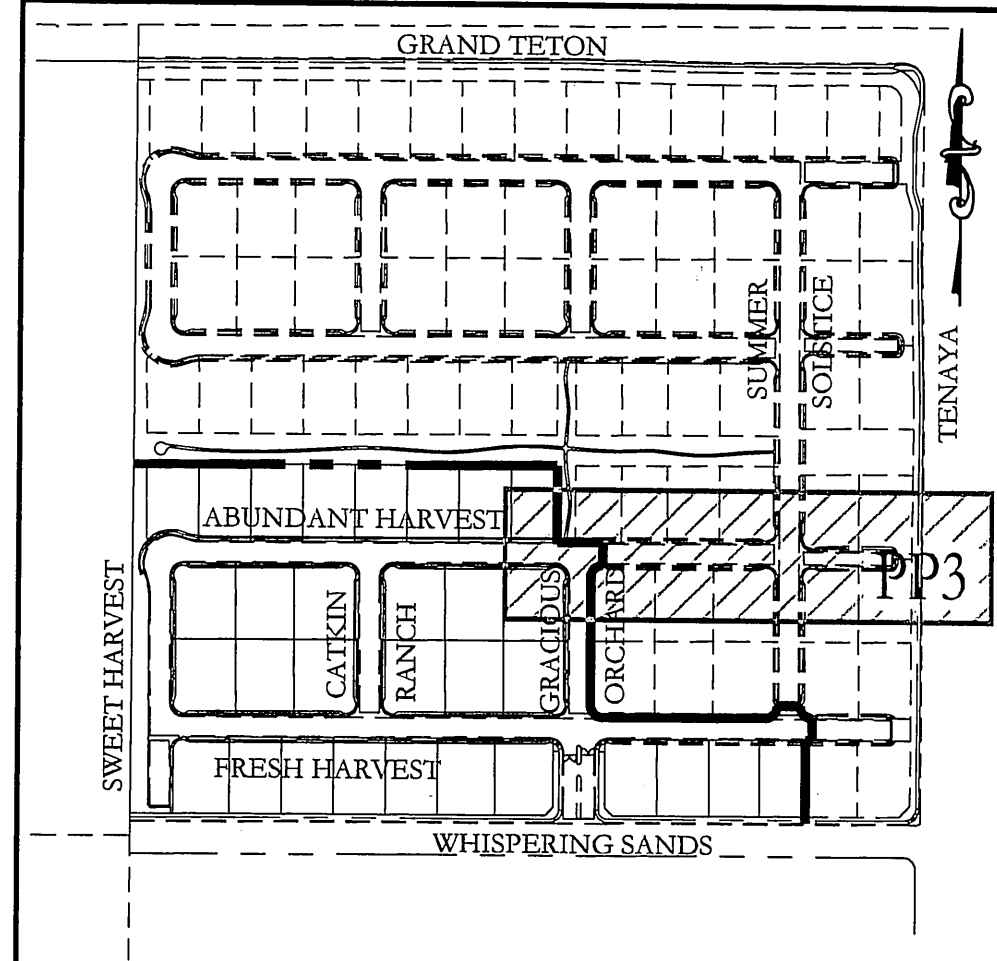


ABUNDANT HARVEST - PLAN
STA: 20+00 TO 26+50



ABUNDANT HARVEST- PROFILE
STA: 20+00 TO 26+50
SCALE: 1"=40' HORIZ., 1"=4' VERT.

KEY MAP



GRADING NOTES

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GEOTECHNICAL

AMERICAN SOILS ENGINEERING, LLC
6000 S EASTERN AVE, STE 6-B REPORT NO: 1588-GEO
LAS VEGAS, NEVADA 89119 DATE 06/04/12

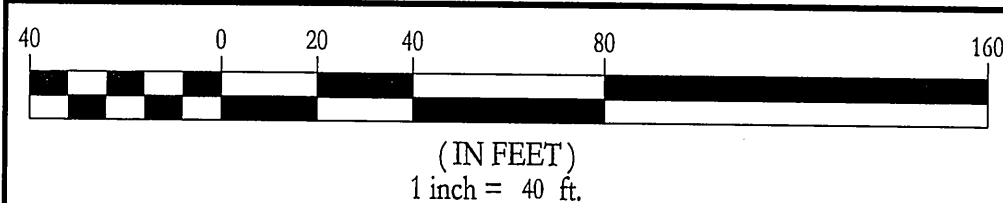
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CALL BEFORE YOU DIG: 1-800-227-2600

CALL BEFORE YOU OVERHEAD: 1-702-227-2929

SCALE



LEGAL DESCRIPTION

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- 13 30" DEPRESSED CURB

[illegible]

Call Before You Dig
AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY.
CALL

OR
1-800-227-2600