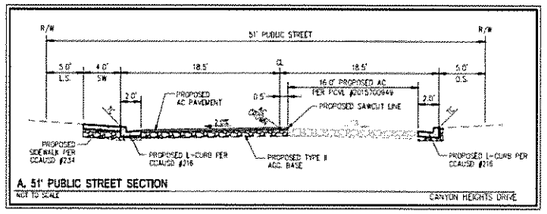
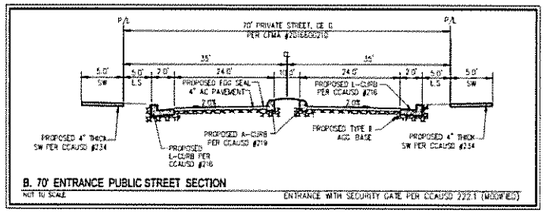
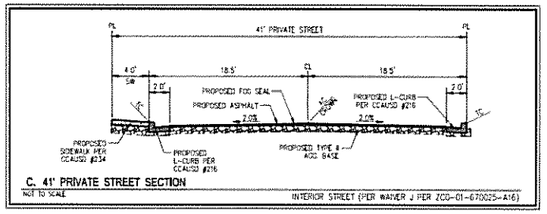


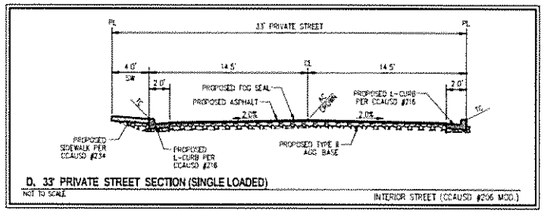
A. 51' PUBLIC STREET SECTION
NOT TO SCALE — CANYON HEIGHTS DRIVE



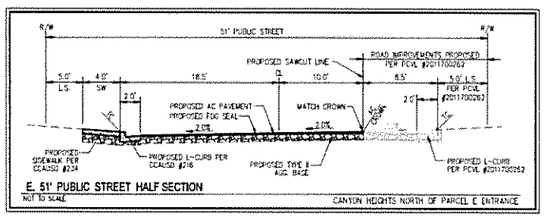
B. 70' ENTRANCE PUBLIC STREET SECTION
NOT TO SCALE — ENTRANCE WITH SECURITY GATE PER CCAUSD 222.1 (MODIFIED)



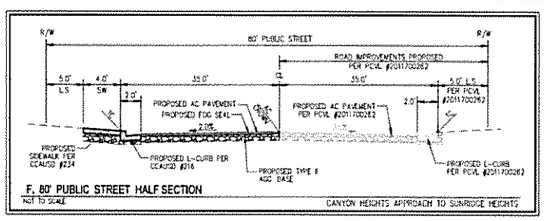
C. 41' PRIVATE STREET SECTION
NOT TO SCALE — INTERIOR STREET (PER WAIVER J PER ZCD-01-670025-A16)



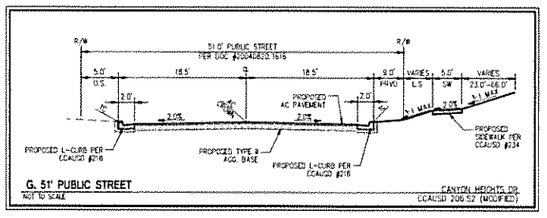
D. 33' PRIVATE STREET SECTION (SINGLE LOADED)
NOT TO SCALE — INTERIOR STREET (CCAUSD #256 MOD.)



E. 51' PUBLIC STREET HALF SECTION
NOT TO SCALE — CANYON HEIGHTS NORTH OF PARCEL E ENTRANCE



F. 80' PUBLIC STREET HALF SECTION
NOT TO SCALE — CANYON HEIGHTS APPROACH TO SUNRIDGE HEIGHTS

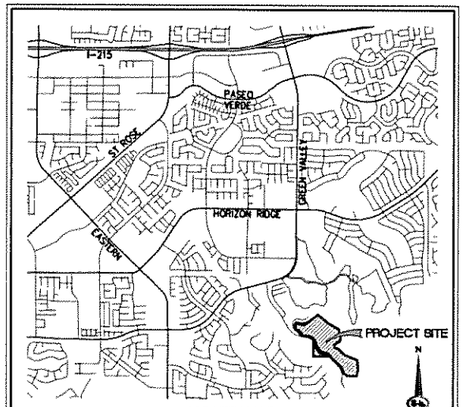


G. 51' PUBLIC STREET
NOT TO SCALE — CANYON HEIGHTS DR. CCAUSD 206.52 (MODIFIED)

REVISED

PulteGroup™

AMENDED TENTATIVE MAP
FOR
CANYONS AT MACDONALD RANCH - PARCEL F/L
A SINGLE FAMILY RESIDENTIAL PROJECT
APN: 178-31-616-004, 178-32-210-009, 178-32-210-010, 178-32-314-001, & 178-32-317-001



VICINITY MAP
NOT TO SCALE

BASIS OF BEARING
NORTH 00°22'16" EAST – BEING THE WEST LINE OF THE NORTHWEST QUARTER (NW¼) OF SECTION 32, TOWNSHIP 22 SOUTH, RANGE 62 EAST, M.D.M. AS SHOWN BY MAP THEREOF ON FILE IN BOOK 118, PAGE 91 OF PLATS IN THE CLARK COUNTY RECORD'S OFFICE, NEVADA.

BENCHMARK
CITY OF HENDERSON BENCHMARK NO. 610 (REVISION DATE: 2004)

2" BRASS CAP IN THE TOP OF CURB AT NORTHWEST CORNER OF HORIZON RIDGE PARKWAY AND GREEN VALLEY PARKWAY

ELEVATION = 2346.864 FEET, 715.324 METERS
N.A.V.D. 88 DATUM
PER CITY OF HENDERSON 2004 VERTICAL CONTROL LISTING

GENERAL NOTES
1. THERE ARE NO FAULTS OR NO KNOWN FISSURES LOCATED ADJACENT TO OR WITHIN THE BOUNDARIES OF THIS PROJECT SITE.
2. THERE ARE NO KNOWN GROUNDWATER DEPTHS WITHIN 20 FEET OF THE EXISTING GROUND SURFACE.
3. THERE WILL BE A HOMEOWNERS ASSOCIATION AND CC&R'S ESTABLISHED FOR THIS SUBDIVISION BY THE DEVELOPER.
4. LANDSCAPE PROVIDED WILL BE MAINTAINED BY A HOMEOWNERS ASSOCIATION.
5. INTERIOR DRIVES ARE PRIVATE.
6. TRAFFIC ACCESS WILL BE VIA CANYON HEIGHTS.
7. EASEMENTS REQUIRED FOR STORM DRAIN, DRY UTILITIES, SANITARY SEWER, AND POTABLE WATER SHALL BE GRANTED ON THE FINAL MAP.
8. WATER TO SERVICE THIS PROJECT WILL BE SUPPLIED BY PROPOSED 16" STUB IN CANYON HEIGHTS.
9. SEWER SERVICE THIS PROJECT WILL BE CONVEYED WITH THE PROPOSED 8" STUB IN SUNRIDGE HEIGHTS
10. THE PROJECT SITE IS NOT LOCATED WITHIN A 100-YEAR FLOOD PLAIN.
11. ANY EXISTING EASEMENTS ON THESE PROPERTIES WILL BE PROCESSED THROUGH CITY OF HENDERSON AND REMOVED WHERE APPLICABLE.

FEMA FLOOD ZONE DESIGNATION
THE PROJECT SITE IS LOCATED WITHIN ZONE X (UNSHADED) PER THE FEMA FIRM PANEL NUMBER 32003C2930F DATED: NOVEMBER 16, 2011.

UTILITY SERVICES BY

WATER	CITY OF HENDERSON
SEWER	CITY OF HENDERSON
TRASH	REPUBLIC SERVICES OF SO. NEVADA
POWER	NV ENERGY
TELEPHONE	CENTRAL TELEPHONE CO. DBA – CENTURYLINK
GAS	SOUTHWEST GAS COMPANY

OWNER
AG/RW – CANYONS, LLC
254 HANOVER ROAD, STE. 310
FLORHAM PARK, NEW JERSEY 07932

DEVELOPER
PULTE HOMES OF NEVADA
"PN II INC."
7255 S. TENAYA WAY #200
LAS VEGAS, NV 89113
PH (702) 974-4800

ENGINEER
SLATER HANIFAN GROUP
5740 S. ARVILLE ST SUITE 216
LAS VEGAS, NV 89118
PH (702) 284-5300
FX (702) 284-5399

LEGAL DESCRIPTION
PARCELS F AND L OF PARENT FINAL MAP OF THE CANYONS AS SHOWN BY MAP THEREOF ON FILE IN BOOK 118 OF PLATS, PAGE 91, IN THE OFFICE OF THE COUNTY RECORDER OF CLARK COUNTY, NEVADA.

PROJECT INFORMATION:
APN: 178-31-616-004, 178-32-210-009, 178-32-210-010, 178-32-314-001 & 178-32-317-001

EX. ZONING: RS-4

ZONING DENSITY: 4 DU PER GROSS ACRE

TYPICAL LOT SIZE	55'x120'
MIN. LOT SIZE	5,460 SF
MAX. LOT SIZE	14,054 SF
AVERAGE LOT SIZE	7,558 SF
GROSS ACREAGE	≈ 55.0
PROJECT TOTAL LOTS	= 149
RESIDENTIAL LOTS:	= 139
PROJECT DENSITY	≈ 2.53 DU/AC
PARKING SPACE REQ'D	= 2.0 PER DU
PARKING SPACE PROVIDED	= 2.0 PER DU
COMMON LOTS	= 10
TOTAL OPEN SPACE	≈ 1,087,541 SF
TOTAL OPEN SPACE REQ'D	≈ 0.0 SF

FRONT SETBACK: 14' TO HOUSE, 20' TO GARAGE
10' TO SIDE ENTRY GARAGE
SIDE SETBACK: 5' TYPICAL LOT, 10' CORNER LOT
REAR SETBACK: 15' TO HOUSE

DEVIATIONS FROM STANDARDS
1. CUL DE SACS ON ALTO VISTA DR AND KING CREST CT EXCEED CCAUSD 212 ALLOWABLE 500' LENGTH. FIRE DEPT. AGREES TO THE OVER LENGTH CUL DE SACS AS LONG AS ALL HOMES WILL HAVE FIRE SPRINKLER PROTECTION

APPROVED
JAN 31 2017
COMMUNITY DEVELOPMENT

RECEIVED
JAN 30 2017
COMMUNITY DEVELOPMENT
CITY OF HENDERSON

Sheet List Table

Sheet Number	Sheet Description	Sheet Title
1	TM-1	COVER SHEET
2	TM-2	SITE PLAN
3	TM-3	OFF-SITE POINT OF CONNECTION
4	TM-4	PRELIMINARY GRADING PLAN I
5	TM-5	PRELIMINARY GRADING PLAN II
6	TM-6	PRELIMINARY GRADING PLAN III
7	TM-7	GRADING PLAN SECTIONS
8	TM-8	CUT & FILL MAP
9	TM-9	CONNECTIVITY PLAN

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

CITY OF HENDERSON, NV

PulteGroup

CANYONS AT MACDONALD RANCH - PARCEL F/L
AMENDED TENTATIVE MAP - COVER SHEET

S31 & 32
T22S
R62E

DATE: 11/22/16
DRAFTER: AJY
DESIGNER: AJY
CHECKED: KPA
PROJECT NO. PUL1502.000

PROFESSIONAL ENGINEER – STATE OF NEVADA
KIRBY P. ADAMS
Exp. 12/31/2016
CIVIL
Bdge No. 15523

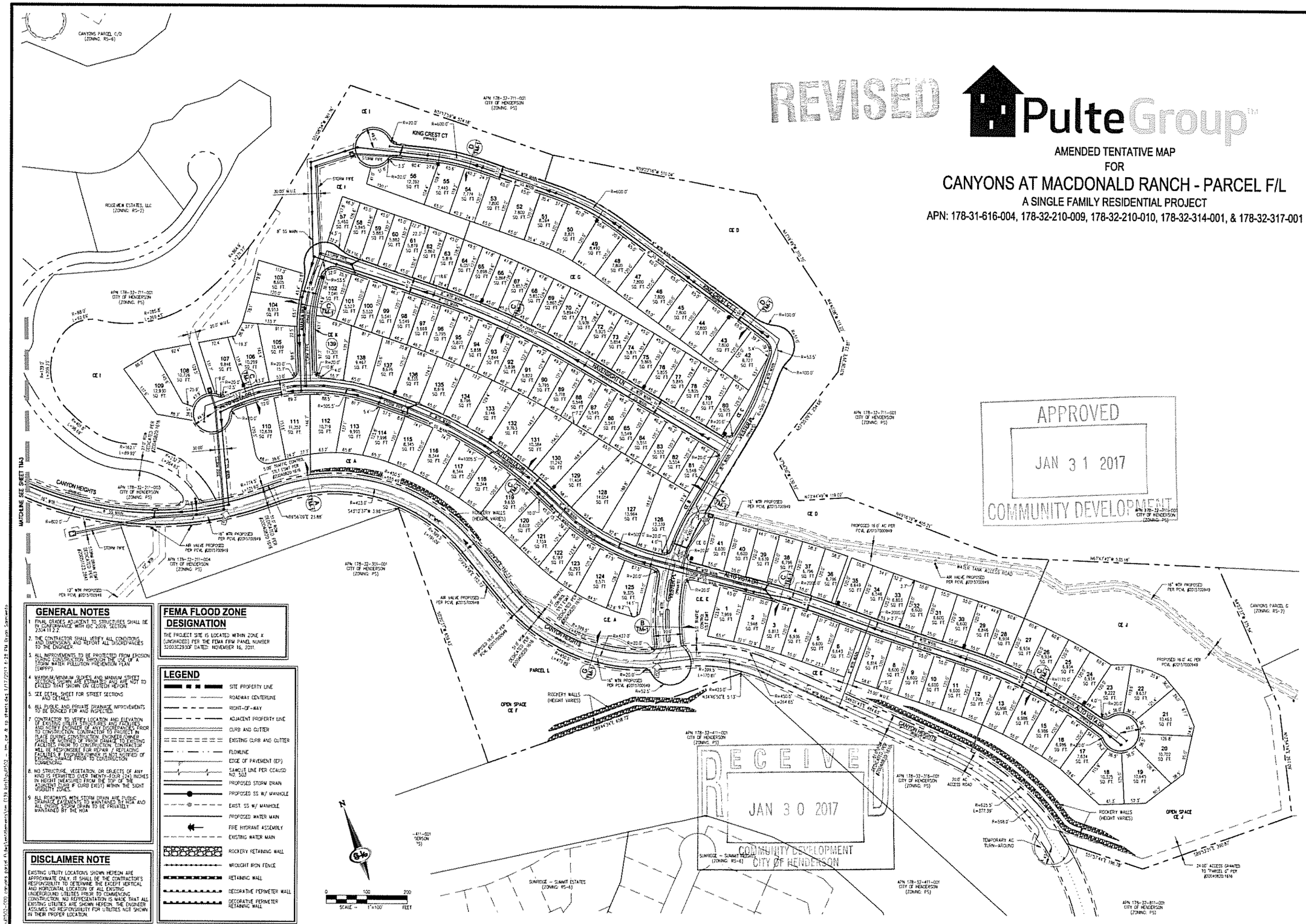
TM-1
SHEET 1 OF 9

TMA-13-500018-A1

REVISED

PulteGroup

AMENDED TENTATIVE MAP
FOR
CANYONS AT MACDONALD RANCH - PARCEL F/L
A SINGLE FAMILY RESIDENTIAL PROJECT
APN: 178-31-616-004, 178-32-210-009, 178-32-210-010, 178-32-314-001, & 178-32-317-001



APPROVED
JAN 31 2017
COMMUNITY DEVELOPMENT

RECEIVED
JAN 30 2017
COMMUNITY DEVELOPMENT
CITY OF HENDERSON

GENERAL NOTES

1. FINAL GRADES ADJACENT TO STRUCTURES SHALL BE IN CONFORMANCE WITH IBC 2009, SECTION 2304.11.2.2.
2. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT ALL DISCREPANCIES TO THE ENGINEER.
3. ALL IMPROVEMENTS TO BE PROTECTED FROM EROSION DURING CONSTRUCTION THROUGH THE USE OF A STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
4. MAXIMUM/MINIMUM SLOPES AND MINIMUM STREET SECTIONS SHOWN ARE ESTIMATED AND ARE NOT TO EXCEED THAT SHOWN ON GEOTECH REPORT.
5. SEE DETAIL SHEET FOR STREET SECTIONS AND DETAILS.
6. ALL PUBLIC AND PRIVATE DRAINAGE IMPROVEMENTS TO BE BONDED FOR AND INSPECTED.
7. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING UTILITY STRUCTURES AND FACILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. CONTRACTOR TO PROTECT IN PLACE DURING CONSTRUCTION. ENGINEER/OWNER SHALL BE NOTIFIED OF PRIOR DAMAGE TO EXISTING FACILITIES PRIOR TO CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR REPAIR / REPLACING FACILITIES IF ENGINEER/OWNER IS NOT NOTIFIED OF WORK / DAMAGE PRIOR TO CONSTRUCTION COMMENCING.
8. NO STRUCTURE, VEGETATION, OR OBJECTS OF ANY KIND IS PERMITTED OVER TWENTY-FOUR (24) INCHES IN HEIGHT (MEASURED FROM THE TOP OF THE ADJACENT ROAD IF CURB EXIST) WITHIN THE SIGHT VISIBILITY ZONES.
9. ALL ROADWAYS WITH STORM DRAIN ARE PUBLIC DRAINAGE EASEMENTS TO MAINTAINED BY HOA AND ALL OVERLAND STORM DRAIN TO BE PRIVATELY MAINTAINED BY THE HOA.

FEMA FLOOD ZONE DESIGNATION

THE PROJECT SITE IS LOCATED WITHIN ZONE X (UNSHADED) PER THE FEMA FIRM PANEL NUMBER 32003C2935F DATED: NOVEMBER 16, 2011.

LEGEND

- SITE PROPERTY LINE
- ROADWAY CENTERLINE
- RIGHT-OF-WAY
- ADJACENT PROPERTY LINE
- CURB AND GUTTER
- EXISTING CURB AND GUTTER
- FLOWLINE
- EDGE OF PAVEMENT (EP)
- SAWCUT LINE PER CDAUSD NO. 503
- PROPOSED STORM DRAIN
- PROPOSED SS W/ MANHOLE
- EXIST. SS W/ MANHOLE
- PROPOSED WATER MAIN
- FIRE HYDRANT ASSEMBLY
- EXISTING WATER MAIN
- ROCKERY RETAINING WALL
- WROUGHT IRON FENCE
- RETAINING WALL
- DECORATIVE PERIMETER WALL
- DECORATIVE PERIMETER RETAINING WALL

DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXCEPT 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 IN THEIR PROPER LOCATION.

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP DATE	APP

CITY OF HENDERSON, NV

PulteGroup

CANYONS AT MACDONALD RANCH - PARCEL F/L
AMENDED TENTATIVE MAP - SITE PLAN

S31 & 32
T22S
R62E

DATE: 11/22/16
DRAFTER: AJY
DESIGNER: AJY
CHECKED: KPA

PROJECT NO.
PUL1502.000

PROFESSIONAL ENGINEER - STATE OF NEVADA
KIRBY P. ADAMS
Exp. 12/31/2016
CIVIL
No. 15522

TM-2
SHEET 2 OF 9

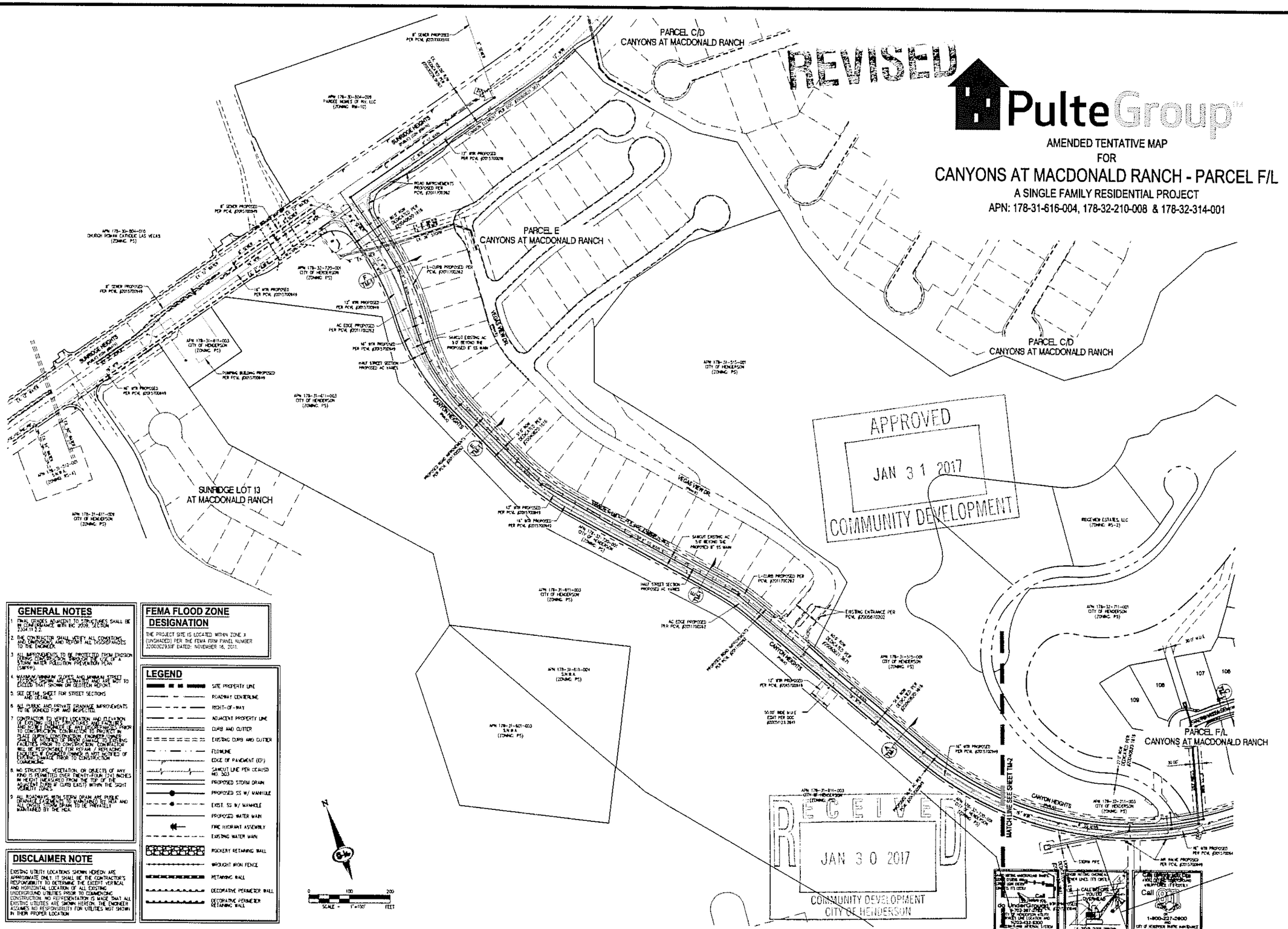
TMA-13-500018-A1

TMA-13-500018-A1

REVISED

PulteGroup

AMENDED TENTATIVE MAP
FOR
CANYONS AT MACDONALD RANCH - PARCEL F/L
A SINGLE FAMILY RESIDENTIAL PROJECT
APN: 178-31-616-004, 178-32-210-008 & 178-32-314-001



GENERAL NOTES

1. FINAL GRADES ADJACENT TO STRUCTURES SHALL BE IN COMPLIANCE WITH IBC 2009, SECTION 2304.11.2.
2. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT ALL DISCREPANCIES TO THE ENGINEER.
3. ALL IMPROVEMENTS TO BE PROTECTED FROM EROSION DURING CONSTRUCTION THROUGH THE USE OF A STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
4. MAXIMUM/MINIMUM SLOPES AND MINIMUM STREET LENGTHS SHOWN ARE ESTIMATED AND MAY NOT TO EXCEED THAT SHOWN ON GEOTECH REPORT.
5. SEE DETAIL SHEET FOR STREET SECTIONS AND DETAILS.
6. ALL PUBLIC AND PRIVATE DRAINAGE IMPROVEMENTS TO BE BONDED FOR AND INSPECTED.
7. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES, APPURTENANCES AND FEATURES AND REPORT DISCREPANCIES AND/OR CONFLICTS PRIOR TO CONSTRUCTION. CONTRACTOR TO PROTECT IN PLACE DURING CONSTRUCTION. ENGINEER OWNING SHALL BE NOTIFIED OF ANY DAMAGE TO EXISTING FACILITIES PRIOR TO CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR REPAIR / REPLACING FACILITIES IF ENGINEER OWNER IS NOT NOTIFIED OF EXISTING DAMAGE PRIOR TO CONSTRUCTION COMMENCING.
8. NO STRUCTURE, VEGETATION, OR OBJECTS OF ANY KIND IS PERMITTED OVER TWENTY-FOUR (24) INCHES IN HEIGHT (MEASURED FROM THE TOP OF THE ADJACENT CURB IF CURB EXIST) WITHIN THE SIGHT VISIBILITY ZONES.
9. ALL ROADWAYS WITH STORM DRAIN ARE PUBLIC PRIVATE STORM DRAIN TO BE MAINTAINED BY HOA AND PRIVATE STORM DRAIN TO BE PRIVATELY MAINTAINED BY THE HOA.

DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREON 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 IN THEIR PROPER LOCATION.

FEMA FLOOD ZONE DESIGNATION

THE PROJECT SITE IS LOCATED WITHIN ZONE X (UNSHADED) PER THE FEMA FIRM PANEL NUMBER 32003C2979F DATED: NOVEMBER 16, 2011.

LEGEND

- SITE PROPERTY LINE
- ROADWAY CENTERLINE
- RIGHT-OF-WAY
- ADJACENT PROPERTY LINE
- CURB AND GUTTER
- EXISTING CURB AND GUTTER
- FLOWLINE
- EDGE OF PAVEMENT (EP)
- SAWCUT LINE PER CEA/ISD NO. 3611
- PROPOSED STORM DRAIN
- PROPOSED SS W/ MANHOLE
- EXIST. SS W/ MANHOLE
- PROPOSED WATER MAIN
- FIRE HYDRANT ASSEMBLY
- EXISTING WATER MAIN
- ROCKERY RETAINING WALL
- WROUGHT IRON FENCE
- RETAINING WALL
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- DECORATIVE PERIMETER RETAINING WALL

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-4300 FAX (702) 284-4306

NO	DESCRIPTION	DATE	BY	APP DATE	APP

CITY OF HENDERSON, NV

PulteGroup

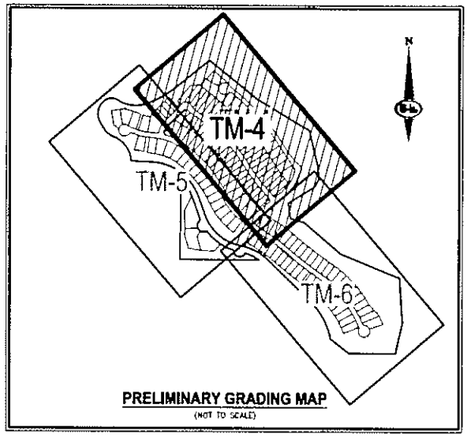
CANYONS AT MACDONALD RANCH - PARCEL F/L
AMENDED TENTATIVE MAP - OFF-SITE POINT OF CONNECTION

8.31.16 x2
11.22.16

DATE: 11/22/16
DRAFTER: AJY
DESIGNER: AJY
CHECKED: KPA
PROJECT NO.
PUL1502.000

PROFESSIONAL ENGINEER - STATE OF NEVADA
KIRBY P. ADAMS
Exp. 12/31/2016
CIVIL
No. 15527

TM-3
SHEET 3 OF 9



PRELIMINARY GRADING MAP
(NOT TO SCALE)

GENERAL NOTES

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5. SEE DETAIL SHEET FOR STREET SECTIONS AND DETAILS.
6. ALL PUBLIC AND PRIVATE DRAINAGE IMPROVEMENTS TO BE BONDED FOR AND INSPECTED.
7. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING UTILITY STRUCTURES AND FACILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. CONTRACTOR TO PROTECT IN PLACE DURING CONSTRUCTION. ENGINEER/OWNER SHALL BE NOTIFIED OF PRIOR DAMAGE TO EXISTING FACILITIES PRIOR TO CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR REPAIR / REPLACING FACILITIES IF ENGINEER/OWNER IS NOT NOTIFIED OF EXISTING DAMAGE PRIOR TO CONSTRUCTION COMMENCING.
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9. ALL ROADWAYS WITH STORM DRAIN ARE PUBLIC DRAINAGE EASEMENTS TO MAINTAINED BY HOA AND ALL ONSITE STORM DRAIN TO BE PRIVATELY MAINTAINED BY THE HOA.

LEGEND

- PROPERTY LINE
- ROADWAY CENTERLINE
- RIGHT-OF-WAY
- PROPERTY LINE
- CURB AND GUTTER
- EXISTING CURB AND GUTTER
- FLOWLINE
- EDGE OF PAVEMENT (EP)
- SAWCUT LINE PER CCAUSD NO. 520
- 50.00 TC — PROPOSED ELEVATION
- (50.00) TC — EXISTING ELEVATION
- 1.0% — DESIGN SLOPE
- (780.00) — EXISTING CONTOUR (10-FT)
- EXISTING CONTOUR (2-FT)
- FIRE HYDRANT
- ROCKERY RETAINING WALL
- WROUGHT IRON FENCE
- RETAINING WALL
- DECORATIVE PERIMETER WALL
- DECORATIVE PERIMETER RETAINING WALL

DISCLAIMER NOTE

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EARTHWORK QUANTITIES

CUT: 630,228 CY
FILL: 756,038 CY
NET: 126,810 CY (FILL VOLUME)

FEMA FLOOD ZONE DESIGNATION

THE PROJECT SITE IS LOCATED WITHIN ZONE X (UNSHADED) PER THE FEMA FIRM PANEL NUMBER 32003C2925F DATED: NOVEMBER 18, 2011.

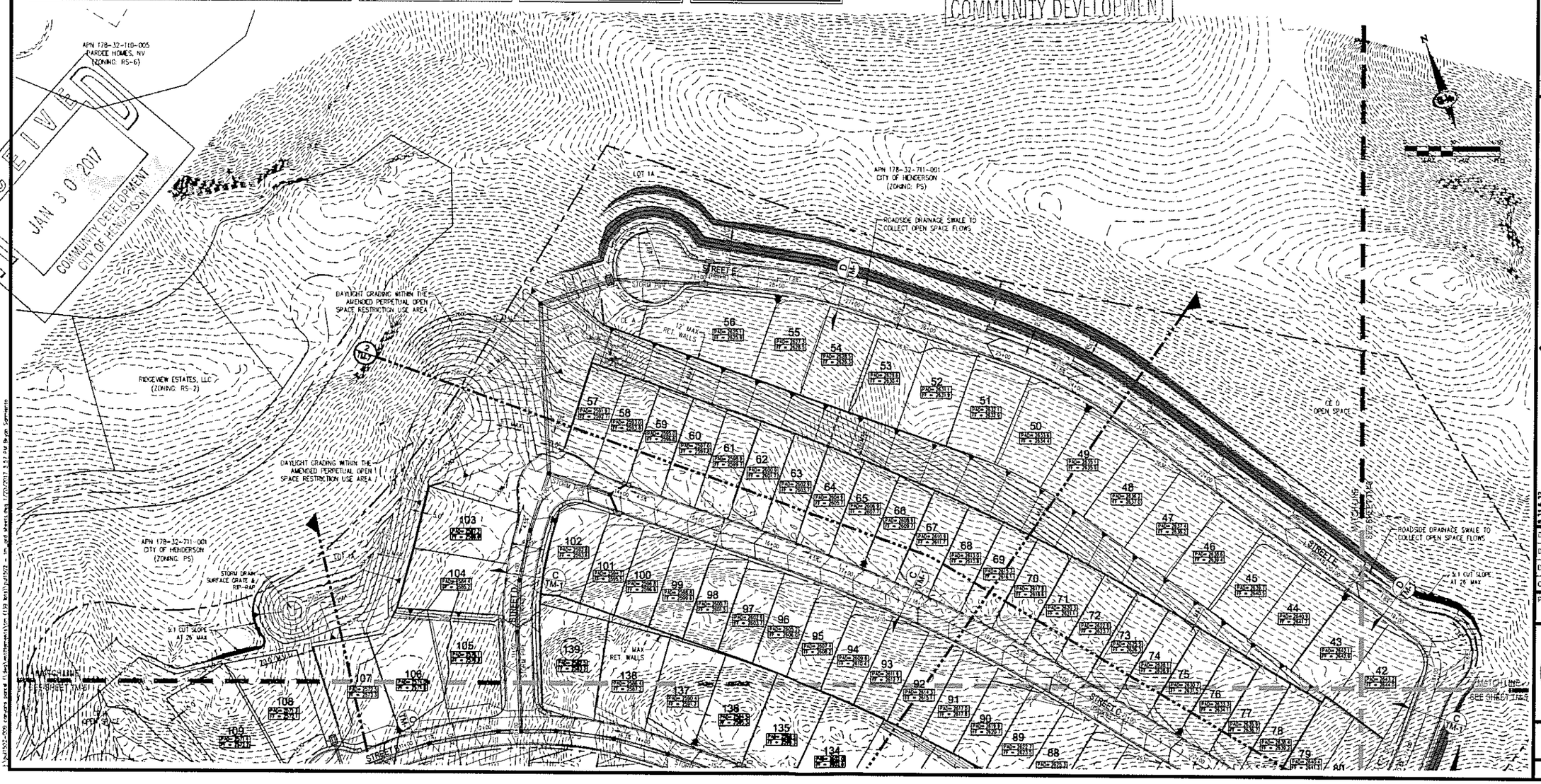
REVISED

PulteGroup

AMENDED TENTATIVE MAP
FOR
CANYONS AT MACDONALD RANCH - PARCEL F/L
A SINGLE FAMILY RESIDENTIAL PROJECT
APN: 178-31-616-004, 178-32-210-008 & 178-32-314-001

APPROVED
JAN 31 2017
COMMUNITY DEVELOPMENT

RECEIVED
JAN 30 2017
COMMUNITY DEVELOPMENT
CITY OF HENDERSON



NO.	DESCRIPTION	DATE	BY	APP DATE	APP

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
8740 S. ARVILLE STREET #215, LAS VEGAS, NV 89113
PHONE: (702) 304-5300 FAX: (702) 304-5300

TMA-13-500018-A1

CITY OF HENDERSON, NV

PulteGroup

T 31 S R 22 E
T 22 S R 62 E

CANYONS AT MACDONALD RANCH - PARCEL F/L
AMENDED TENTATIVE MAP - PRELIMINARY GRADING PLAN I

DATE: 11/22/16
DRAFTER: AJY
DESIGNER: AJY
CHECKED: KPA
PROJECT NO.
PUL1502.000

PROFESSIONAL ENGINEER — STATE OF NEVADA
KIRBY P. ADAMS
Exp. 12/31/2016
CIVIL
No. 15522

TM-4
SHEET 4 OF 9

DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXCEPT 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 IN THEIR PROPER LOCATION.

EARTHWORK QUANTITIES

CUT: 632,229 CY
FILL: 759,039 CY
NET: 126,810 CY (FILL VOLUME)

FEMA FLOOD ZONE DESIGNATION

THE PROJECT SITE IS LOCATED WITHIN ZONE X (UNSHADED) PER THE FEMA FIRM PANEL NUMBER 32003C2935F DATED: NOVEMBER 16, 2011.

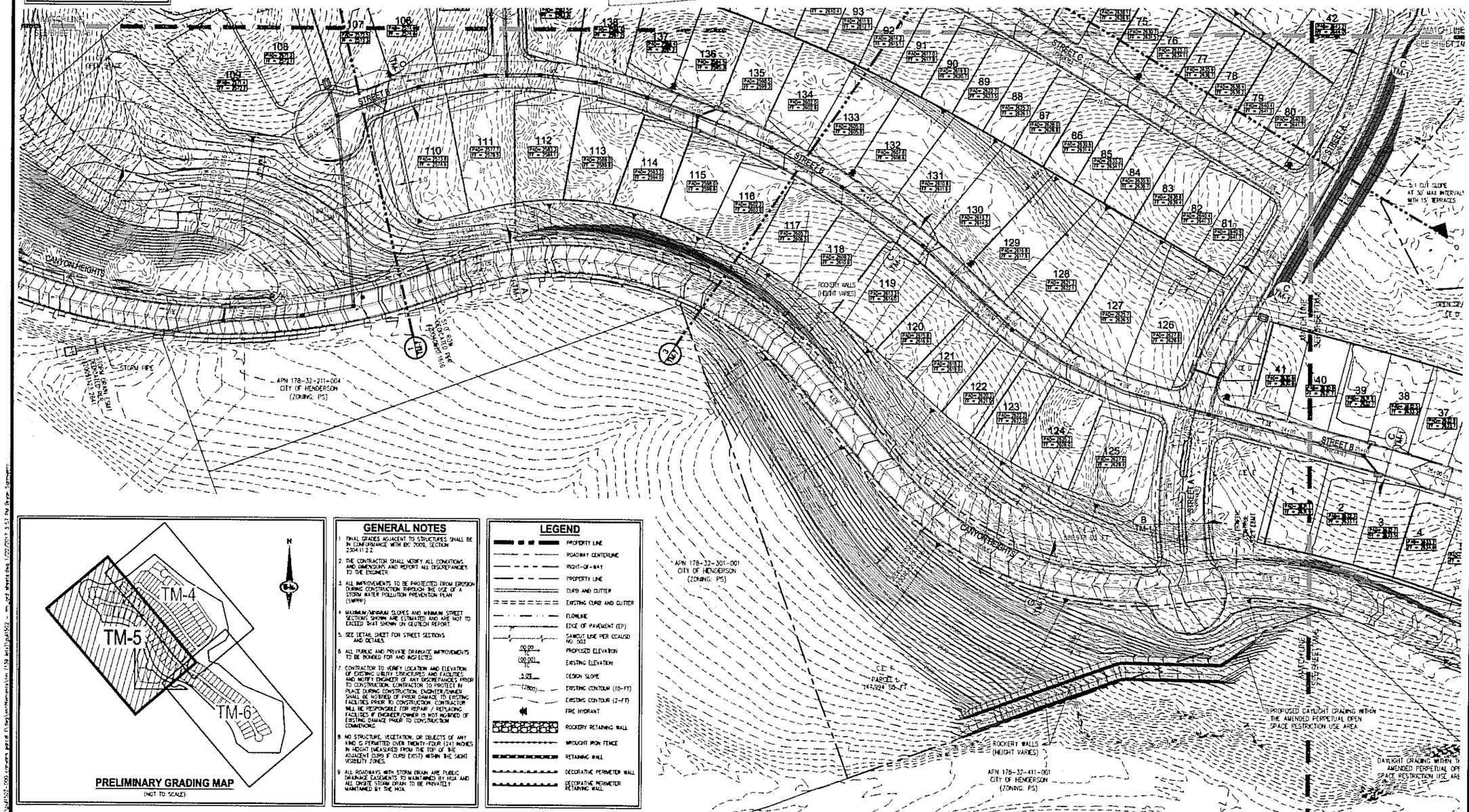
RECEIVED
JAN 30 2017
COMMUNITY DEVELOPMENT
CITY OF HENDERSON

APPROVED
JAN 31 2017
COMMUNITY DEVELOPMENT

REVISED

PulteGroup

AMENDED TENTATIVE MAP
FOR
CANYONS AT MACDONALD RANCH - PARCEL F/L
A SINGLE FAMILY RESIDENTIAL PROJECT
APN: 178-31-616-004, 178-32-210-008 & 178-32-314-001



PRELIMINARY GRADING MAP
(NOT TO SCALE)

GENERAL NOTES

1. FINAL GRADES ADJACENT TO STRUCTURES SHALL BE IN CONFORMANCE WITH IBC 2006, SECTION 2304.11.2.2.
2. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT ALL DISCREPANCIES TO THE ENGINEER.
3. ALL IMPROVEMENTS TO BE PROTECTED FROM EROSION DURING CONSTRUCTION THROUGH THE USE OF A STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
4. MAXIMUM/MINIMUM SLOPES AND MINIMUM STREET SECTIONS SHOWN ARE ESTIMATED AND ARE NOT TO EXCEED THAT SHOWN ON GEOTECH REPORT.
5. SEE DETAIL SHEET FOR STREET SECTIONS AND DETAILS.
6. ALL PUBLIC AND PRIVATE DRAINAGE IMPROVEMENTS TO BE BONDED FOR AND INSPECTED.
7. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING UTILITY STRUCTURES AND FACILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. CONTRACTOR TO PROTECT IN PLACE DURING CONSTRUCTION. ENGINEER/OWNER SHALL BE NOTIFIED OF PRIOR DAMAGE TO EXISTING FACILITIES PRIOR TO CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR REPAIR / REPLACING FACILITIES IF ENGINEER/OWNER IS NOT NOTIFIED OF EXISTING DAMAGE PRIOR TO CONSTRUCTION COMMENCING.
8. NO STRUCTURE, VEGETATION, OR OBJECTS OF ANY KIND IS PERMITTED OVER TWENTY-FOUR (24) INCHES IN HEIGHT (MEASURED FROM THE TOP OF THE ADJACENT CURB IF CURB EXIST) WITHIN THE SIGHT VISIBILITY ZONES.
9. ALL ROADWAYS WITH STORM DRAIN ARE PUBLIC DRAINAGE EASEMENTS TO MAINTAINED BY HOA AND ALL ONSITE STORM DRAIN TO BE PRIVATELY MAINTAINED BY THE HOA.

LEGEND

- PROPERTY LINE
- ROADWAY CENTERLINE
- RIGHT-OF-WAY
- PROPERTY LINE
- CURB AND GUTTER
- EXISTING CURB AND GUTTER
- FLOWLINE
- EDGE OF PAVEMENT (EP)
- SAWCUT LINE PER CCAUSD NO. 503
- 00.00 PROPOSED ELEVATION
- (00.00) EXISTING ELEVATION
- 0.25% DESIGN SLOPE
- (2800) EXISTING CONTOUR (10-FT)
- EXISTING CONTOUR (2-FT)
- FIRE HYDRANT
- ROCKERY RETAINING WALL
- WROUGHT IRON FENCE
- RETAINING WALL
- DECORATIVE PERIMETER WALL
- DECORATIVE PERIMETER RETAINING WALL

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
8740 S. ARVILLE STREET #210, LAS VEGAS, NV 89113
PHONE (702) 254-5388 FAX (702) 254-5389

NO.	DESCRIPTION	DATE	BY	APP DATE	APP

CITY OF HENDERSON, NV

PulteGroup

CANYONS AT MACDONALD RANCH - PARCEL F/L
AMENDED TENTATIVE MAP - PRELIMINARY GRADING PLAN II

PULTE GROUP
8716 S 32
8716 S
8716 R 62E

DATE: 11/22/16
DRAFTER: AJY
DESIGNER: AJY
CHECKED: KPA
PROJECT NO.
PUL1502.000

PROFESSIONAL ENGINEER - STATE OF NEVADA
KIRBY P. ADAMS
Exp. 12/31/2016
CIVIL
No. 15522

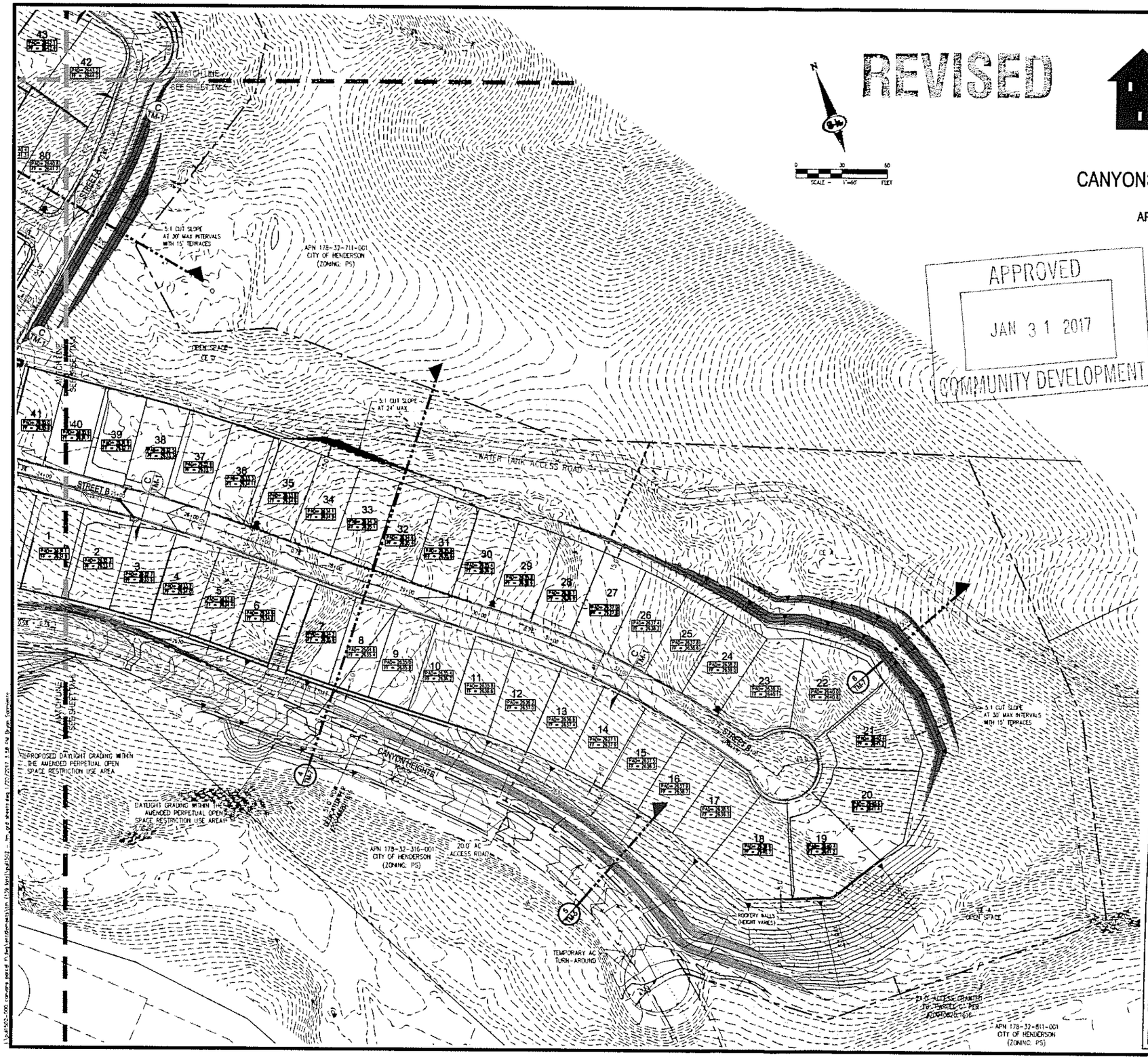
TM-5
SHEET 5 OF 9

TMA - 13 - 500018 - A1

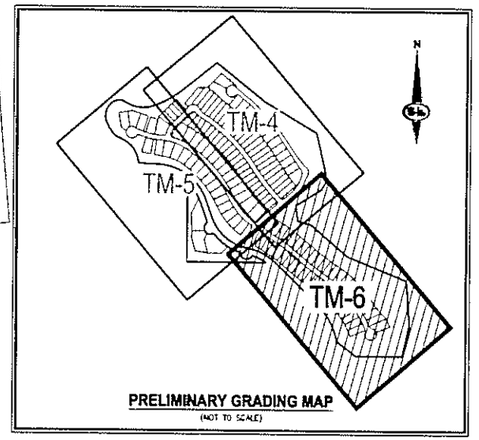
REVISED

PulteGroup

AMENDED TENTATIVE MAP
FOR
CANYONS AT MACDONALD RANCH - PARCEL F/L
A SINGLE FAMILY RESIDENTIAL PROJECT
APN: 178-31-616-004, 178-32-210-008 & 178-32-314-001



APPROVED
JAN 31 2017
COMMUNITY DEVELOPMENT



PRELIMINARY GRADING MAP
(NOT TO SCALE)

GENERAL NOTES

1. FINAL GRADES ADJACENT TO STRUCTURES SHALL BE IN CONFORMANCE WITH IBC 2009, SECTION 2304.11.2.2.
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LEGEND

- PROPERTY LINE
- ROADWAY CENTERLINE
- RIGHT-OF-WAY
- PROPERTY LINE
- CURB AND GUTTER
- EXISTING CURB AND GUTTER
- FLOWLINE
- EDGE OF PAVEMENT (EP)
- SAWCUT LINE PER COA/LSD NO. 503
- 00.00 TC — PROPOSED ELEVATION
- (00.00) TC — EXISTING ELEVATION
- 5.0% — DESIGN SLOPE
- (1800) — EXISTING CONTOUR (10-FT)
- EXISTING CONTOUR (2-FT)
- FIRE HYDRANT
- ROCKERY RETAINING WALL
- WROUGHT IRON FENCE
- RETAINING WALL
- DECORATIVE PERIMETER WALL
- DECORATIVE PERIMETER RETAINING WALL

RECEIVED
JAN 30 2017
COMMUNITY DEVELOPMENT
CITY OF HENDERSON

DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXCEPT 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 IN THEIR PROPER LOCATION.

EARTHWORK QUANTITIES

CUT: 630,228 CY
FILL: 759,038 CY
NET: 128,810 CY (FILL VOLUME)

FEMA FLOOD ZONE DESIGNATION

THE PROJECT SITE IS LOCATED WITHIN ZONE X (UNSHADED) PER THE FEMA FIRM PANEL NUMBER 32003C2830F DATED NOVEMBER 16, 2011.

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 254-5388 FAX (702) 254-5389

NO.	DESCRIPTION	DATE	BY	APP DATE	APP

CITY OF HENDERSON, NV

PulteGroup

CANYONS AT MACDONALD RANCH - PARCEL F/L
AMENDED TENTATIVE MAP - PRELIMINARY GRADING PLAN III

DATE: 11/22/16
DRAFTER: AJY
DESIGNER: AJY
CHECKED: KPA
PROJECT NO. PUL1502.000

PROFESSIONAL ENGINEER - STATE OF NEVADA
KIRBY P. ADAMS
Exp. 12/31/2016
CIVIL
No. 15522

TM-6
SHEET 6 OF 9

TMA-13-500018-A1

REVISED

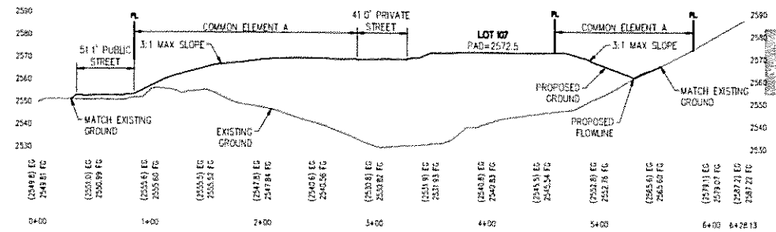
PulteGroup

AMENDED TENTATIVE MAP FOR

CANYONS AT MACDONALD RANCH - PARCEL F/L

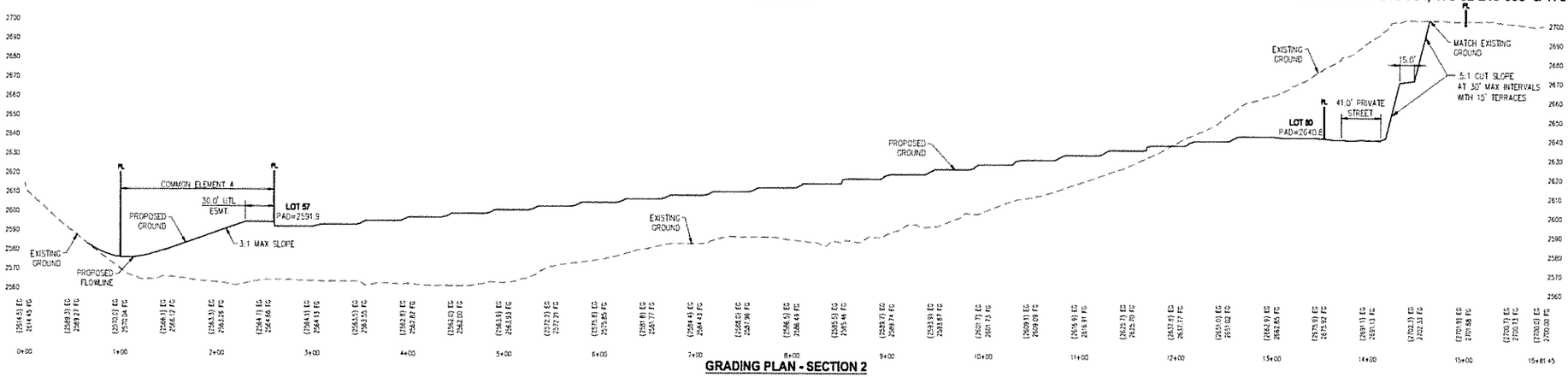
A SINGLE FAMILY RESIDENTIAL PROJECT

APN: 178-31-616-004, 178-32-210-008 & 178-32-314-001



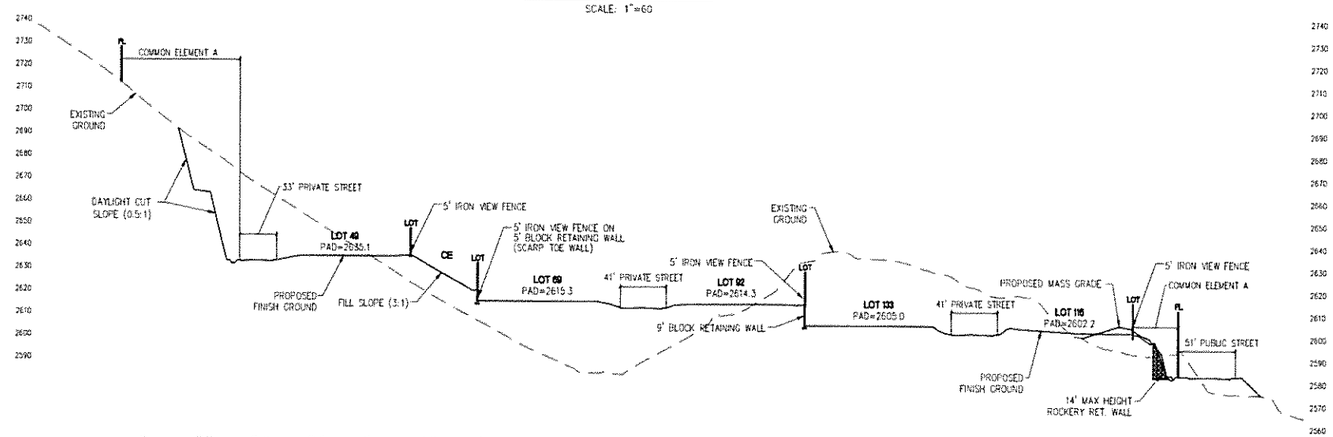
GRADING PLAN - SECTION 1

SCALE: 1"=60



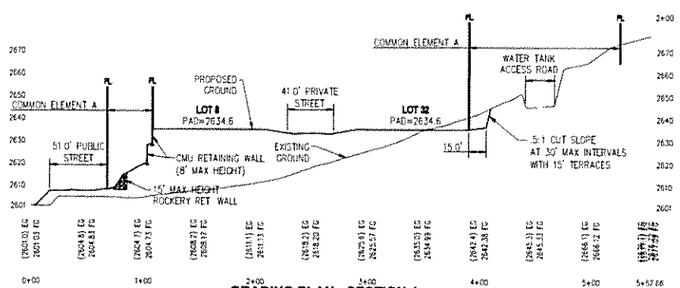
GRADING PLAN - SECTION 2

SCALE: 1"=60



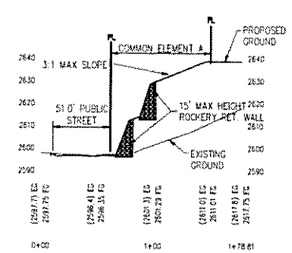
GRADING PLAN - SECTION 3

SCALE: 1"=60



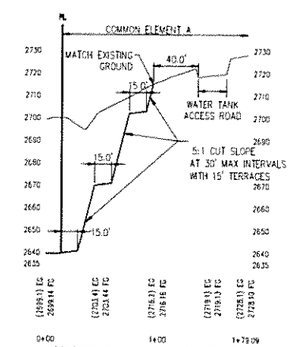
GRADING PLAN - SECTION 4

SCALE: 1"=60



GRADING PLAN - SECTION 5

SCALE: 1"=60



GRADING PLAN - SECTION 6

SCALE: 1"=60

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JAN 30 2017
COMMUNITY DEVELOPMENT
CITY OF HENDERSON

APPROVED
JAN 31 2017
COMMUNITY DEVELOPMENT

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 784-5300 FAX (702) 784-5399

NO.	DESCRIPTION	DATE	BY	APP DATE	APP

CITY OF HENDERSON, NV

PulteGroup

CANYONS AT MACDONALD RANCH - PARCEL F/L

AMENDED TENTATIVE MAP - GRADING PLAN SECTIONS

S 31 & 32
T 22 S
R 62 E

DATE: 11/22/16

DRAFTER: AJY

DESIGNER: AJY

CHECKED: KPA

PROJECT NO.
PUL1502.000

PROFESSIONAL ENGINEER - STATE OF NEVADA
KIRBY P. ADAMS
Exp. 12/31/2016
CIVIL
No. 15523

TM-7

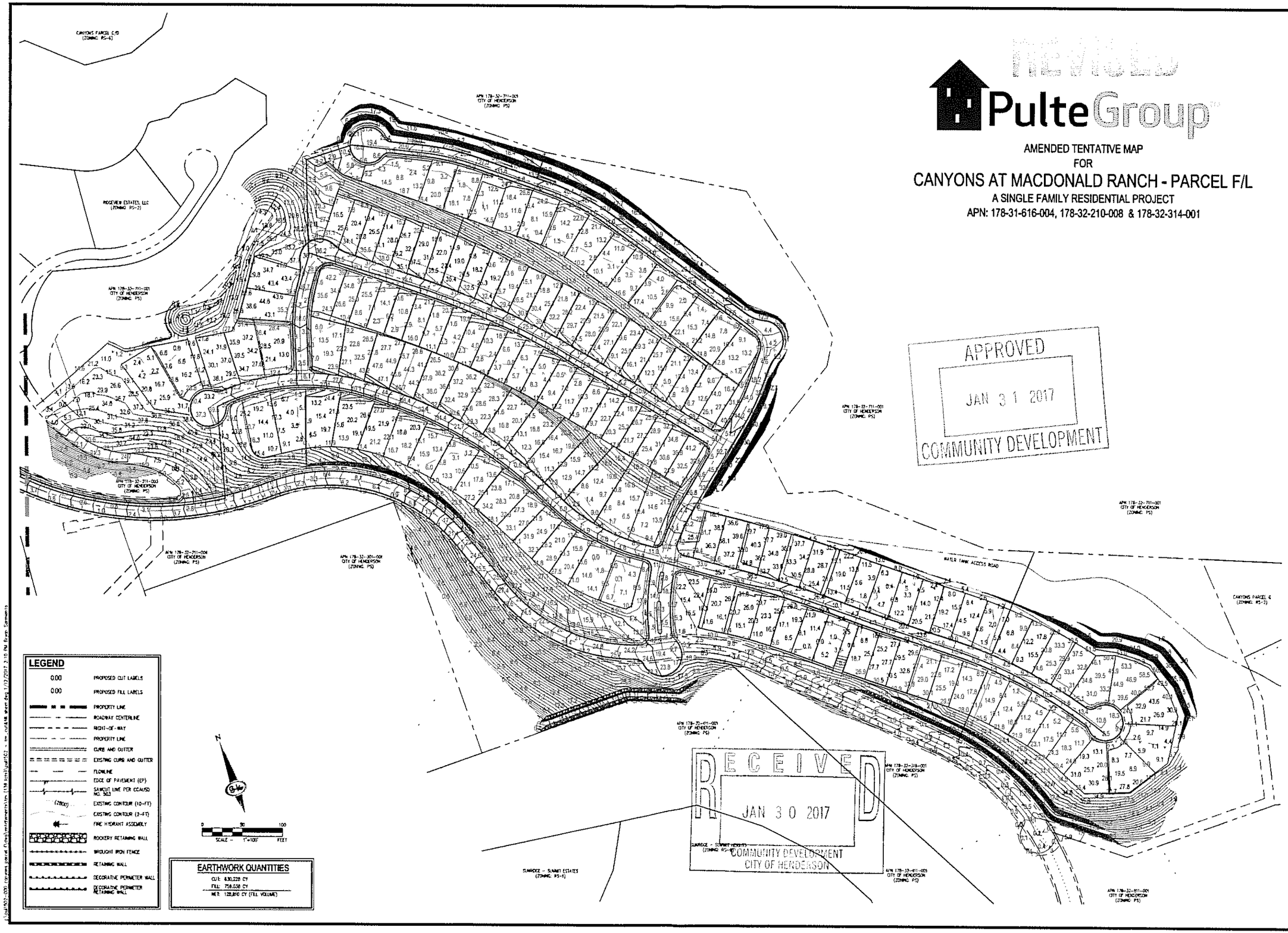
SHEET 7 OF 9

TMA - 13 - 500018 - A 1

REVISED

PulteGroup

AMENDED TENTATIVE MAP
FOR
CANYONS AT MACDONALD RANCH - PARCEL F/L
A SINGLE FAMILY RESIDENTIAL PROJECT
APN: 178-31-616-004, 178-32-210-008 & 178-32-314-001



APPROVED
JAN 31 2017
COMMUNITY DEVELOPMENT

RECEIVED
JAN 30 2017
COMMUNITY DEVELOPMENT
CITY OF HENDERSON

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

CITY OF HENDERSON, NV

PulteGroup

CANYONS AT MACDONALD RANCH - PARCEL F/L
AMENDED TENTATIVE MAP - CUT & FILL MAP

SECTIONS 31 & 32
T-22-S
R-62-E

DATE: 11/22/16
DRAFTER: AJY
DESIGNER: AJY
CHECKED: KPA
PROJECT NO.
PUL1502.000

PROFESSIONAL ENGINEER - STATE OF NEVADA
KIRBY P. ADAMS
Exp. 12/31/2016
CIVIL
No. 15522

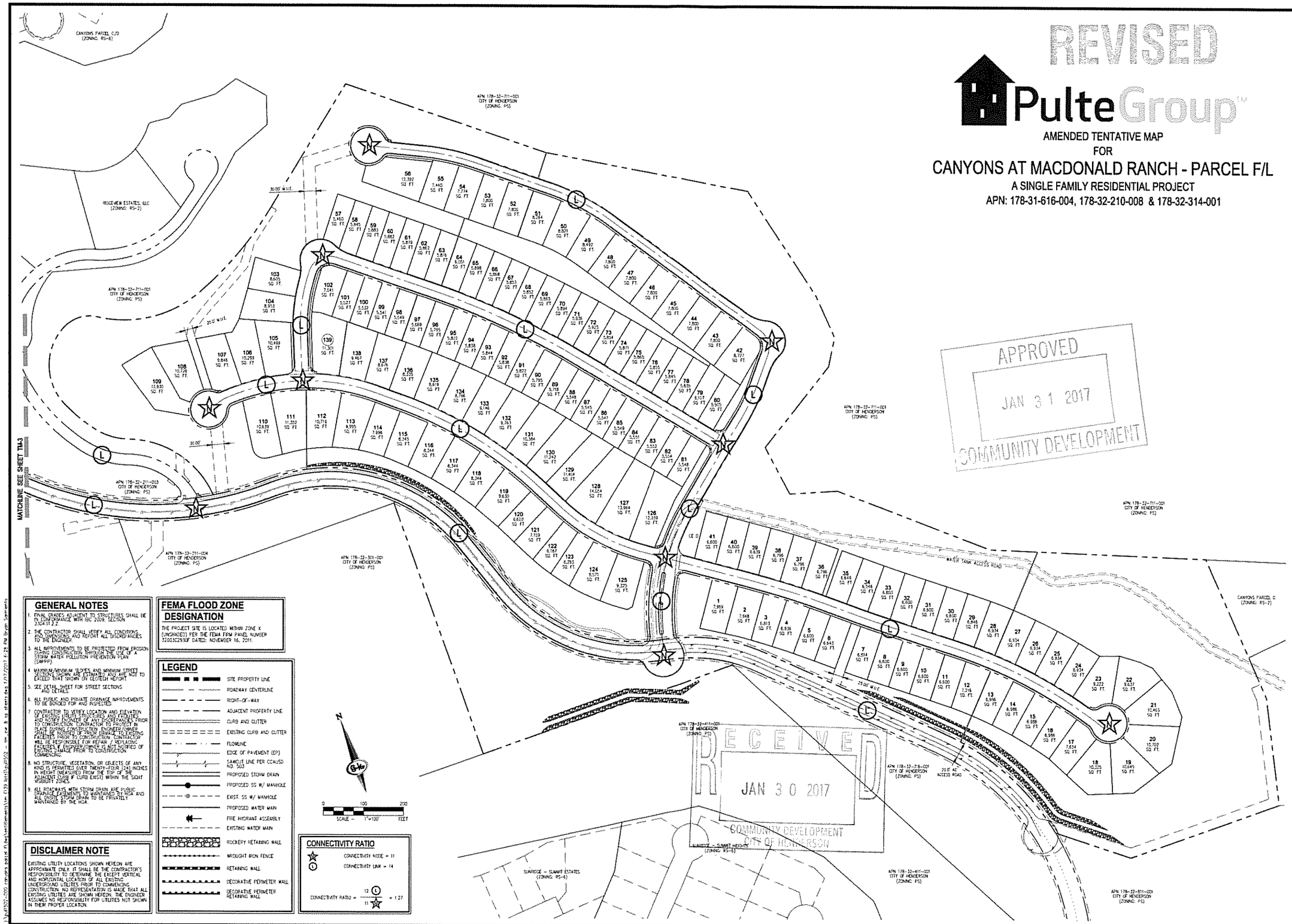
TM-8
SHEET 8 OF 9

TMA - 13 - 500018 - A1

REVISED

PulteGroup™

AMENDED TENTATIVE MAP
FOR
CANYONS AT MACDONALD RANCH - PARCEL F/L
A SINGLE FAMILY RESIDENTIAL PROJECT
APN: 178-31-616-004, 178-32-210-008 & 178-32-314-001



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FEMA FLOOD ZONE DESIGNATION

THE PROJECT SITE IS LOCATED WITHIN ZONE X (UNSHADED) PER THE FEMA FIRM PANEL NUMBER 32003C2293 K, DATED: NOVEMBER 16, 2011.

LEGEND

- SITE PROPERTY LINE
- ROADWAY CENTERLINE
- RIGHT-OF-WAY
- ADJACENT PROPERTY LINE
- CURB AND GUTTER
- EXISTING CURB AND GUTTER
- FLOWLINE
- EDGE OF PAVEMENT (EP)
- SAWCUT LINE PER CCAUSD NO. 503
- PROPOSED STORM DRAIN
- PROPOSED SS W/ MANHOLE
- EXIST. SS W/ MANHOLE
- PROPOSED WATER MAIN
- FIRE HYDRANT ASSEMBLY
- EXISTING WATER MAIN
- ROCKERY RETAINING WALL
- WROUGHT IRON FENCE
- RETAINING WALL
- DECORATIVE PERIMETER WALL
- DECORATIVE PERIMETER RETAINING WALL

CONNECTIVITY RATIO

☆ CONNECTIVITY NODE = 11

Ⓛ CONNECTIVITY LINK = 14

CONNECTIVITY RATIO = 12 Ⓛ / 11 ☆ = 1.27

APPROVED
JAN 31 2017
COMMUNITY DEVELOPMENT

RECEIVED
JAN 30 2017
COMMUNITY DEVELOPMENT
CITY OF HENDERSON

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TMA - 13 - 500018 - A1

NO.	DESCRIPTION	DATE	BY	APP DATE	APP

CITY OF HENDERSON, NV

PulteGroup

CANYONS AT MACDONALD RANCH - PARCEL F/L
AMENDED TENTATIVE MAP - CONNECTIVITY PLAN

S 31 & 32
T 22 S
R 62 E

DATE: 11/22/16
DRAFTER: AJY
DESIGNER: AJY
CHECKED: KPA

PROJECT NO.
PUL1502.000

PROFESSIONAL ENGINEER — STATE OF NEVADA
KIRBY P. ADAMS
Exp. 12/31/2016
CIVIL
No. 15521

TM-9
SHEET 9 OF 9