

GENERAL NOTES

1. APPROVAL OF THIS GRADING PLAN DOES NOT CONSTITUTE APPROVAL OF VERTICAL OR HORIZONTAL ALIGNMENT OF ANY PRIVATE ROAD SHOWN HEREON FOR COUNTY ROAD PURPOSES.

2. FINAL APPROVAL OF THESE GRADING PLANS IS SUBJECT TO FINAL APPROVAL OF THE ASSOCIATED IMPROVEMENT PLANS WHERE APPLICABLE FINAL CURB GRADE ELEVATIONS MAY REQUIRE CHANGES IN THESE PLANS.

3. IMPORT MATERIAL SHALL BE OBTAINED FROM A LEGAL SITE.

4. A CONSTRUCTION, EXCAVATION, OR ENCROACHMENT PERMIT FROM THE DEPARTMENT OF PUBLIC WORKS WILL BE REQUIRED FOR ANY WORK IN THE COUNTY RIGHT-OF-WAY.

5. ALL SLOPES OVER THREE FEET IN HEIGHT WILL BE PLANTED IN ACCORDANCE WITH SAN DIEGO COUNTY SPECIFICATIONS.

6. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. NOTICE OF PROPOSED WORK SHALL BE GIVEN TO THE FOLLOWING AGENCIES:

A. SAN DIEGO GAS AND ELECTRIC – CALL 811

B. AT&T TELEPHONE – CALL 811

C. CATV (COX COMMUNICATIONS) – (855) 821-0520

D. WATER UTILITY (OTAY WATER DISTRICT) – (619) 670-2793

E. SEWER UTILITY (OTAY WATER DISTRICT) – (619) 670-2793

7. A SOILS REPORT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.

8. APPROVAL OF THESE PLANS BY THE DIRECTOR OF PUBLIC WORKS DOES NOT AUTHORIZE ANY WORK OR GRADING TO BE PERFORMED UNTIL THE PROPERTY OWNER'S PERMISSION HAS BEEN OBTAINED AND VALID GRADING PERMIT HAS BEEN ISSUED.

9. THE DIRECTOR OF PUBLIC WORKS' APPROVAL OF THESE PLANS DOES NOT CONSTITUTE COUNTY BUILDING OFFICIAL APPROVAL OF ANY FOUNDATION FOR STRUCTURES TO BE PLACED ON THE AREA COVERED BY THESE PLANS. NO WAIVER OF THE GRADING ORDINANCE REQUIREMENTS CONCERNING MINIMUM COVER OVER EXPANSIVE SOIL IS MADE OR IMPLIED (SECTIONS 87.403 & 87.410). ANY SUCH WAIVER MUST BE OBTAINED FROM THE DIRECTOR OF PLANNING AND DEVELOPMENT SERVICES (PDS)

10. ALL OPERATIONS CONDUCTED ON THE PREMISES, INCLUDING THE MARKING UP, REPAIR, ABANDON, DEPARTURE OR REMOVAL OF TRUCKS, EXCAVATING EQUIPMENT, CONSTRUCTION EQUIPMENT AND ANY OTHER ASSOCIATED GRADING EQUIPMENT SHALL BE LIMITED TO THE PERIOD BETWEEN 7:00AM AND 6:00PM EACH DAY, MONDAY THROUGH SATURDAY, AND NO EARTHMOVING OR GRADING OPERATIONS SHALL BE CONDUCTED ON THE PREMISES ON SUNDAYS OR HOLIDAYS.

11. ALL MAJOR SLOPES SHALL BE BOUNDED INTO EXISTING TERRAIN TO PRODUCE A CONTOURED TRANSITION FROM CUT OR FILL FACES TO NATURAL GROUND AND ABUTTING CUT OR FILL SURFACES.

12. NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDINANCE AND NOTWITHSTANDING THE APPROVAL OF THESE GRADING PLANS, THE PERMITTEE IS RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO ADJACENT PROPERTY. NO PERSON SHALL EXCAVATE ON LAND SO ADJACENT TO THE GRADING PROJECT AS TO CAUSE DAMAGE TO ADJACENT PROPERTY, INCLUDING BUT NOT LIMITED TO, DAMAGE TO THE SEWER SYSTEM, OR PROTECTING SUCH PROPERTY FROM SETTLING, CRACKING, EROSION, SLIDING DESCRIBED ON THIS PLAN. THE COUNTY WILL HOLD THE PERMITTEE RESPONSIBLE OR CORRECTION OF NON-DEDICATED IMPROVEMENTS WHICH DAMAGE ADJACENT PROPERTY.

13. SLOPE RATIOS:

FILL 1:1

FILL 1:1

FILL 2:1

(NOTE: A SEPARATE VALID PERMIT MUST EXIST FOR EITHER WASTE OR IMPORT AREAS BEFORE PERMIT TO BE ISSUED).

14. SPECIAL CONDITIONS: IF ANY ARCHEOLOGICAL RESOURCES ARE DISCOVERED ON THE SITE OF THIS GRADING DURING GRADING OPERATIONS, SUCH OPERATIONS WILL CEASE IMMEDIATELY AND THE PERMITTEE WILL NOTIFY THE DIRECTOR OF PUBLIC WORKS OF THE DISCOVERY. GRADING OPERATIONS WILL NOT RECOMMENCE UNTIL THE PERMITTEE HAS RECEIVED WRITTEN AUTHORITY FROM THE DIRECTOR OF PUBLIC WORKS TO DO SO.

15. PERMANENT POST-CONSTRUCTION BMP DEVICES SHOWN ON PLAN SHALL NOT BE REMOVED OR MODIFIED WITHOUT THE APPROVAL FROM THE DEPARTMENT OF PUBLIC WORKS.

16. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND PROTECT ALL SURVEY CONTROL MONUMENTS, WHETHER SHOWN ON THESE PLANS OR NOT, WITHIN THE PROJECT AREA. ALL SURVEY MONUMENTS, WHETHER FOR HORIZONTAL OR VERTICAL CONTROL, THAT WILL OR COULD BE DAMAGED OR DESTROYED DURING GRADING OPERATIONS, SHALL BE RELOCATED AND RECORDED IN ACCORDANCE WITH THE CALIFORNIA BUSINESS PROFESSIONS CODE PRIOR TO BEING DISTURBED OR REMOVED OR RESET IN ACCORDANCE WITH THE CALIFORNIA BUSINESS PROFESSIONS CODE SECTION 8771(B), AT THE CONTRACTOR'S SOLE EXPENSE UNDER THE SUPERVISION OF A LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING IN THE STATE OF CALIFORNIA. IN ADDITION, A RECORD SURVEY OR CORNER RECORD, AS APPLICABLE, SHALL BE FILED AND/OR RECORDED IN ACCORDANCE WITH THE PROVISIONS OF SAID CODE.

17. THE ISSUANCE OF THIS PERMIT/APPROVAL BY THE COUNTY OF SAN DIEGO DOES NOT AUTHORIZE THE APPLICANT FOR SAID PERMIT/APPROVAL TO VIOLATE ANY FEDERAL, STATE OR COUNTY LAWS, ORDINANCES, REGULATIONS, OR POLICES INCLUDING, BUT NOT LIMITED TO, THE FEDERAL ENDANGERED SPECIES ACT AND ANY AMENDMENTS THERETO.

18. THE PROPERTY OWNER IS AWARE OF THE COUNTY WATER CONSERVATION IN LANDSCAPING ORDINANCE AND WILL PROCESS LANDSCAPE AND IRRIGATION PLANS IN ACCORDANCE WITH ORDINANCE No. 10032 BUILDING PERMIT PHASE.
- GRADING NOTES
1. ALL GRADING SHALL CONFORM OF THE REQUIREMENTS OF THE GRADING ORDINANCE SECTIONS 87.101 THROUGH 87.804 OF THE SAN DIEGO COUNTY CODE OF REGULATORY ORDINANCES.

2. NATURAL DRAINAGE SHALL NOT BE DIVERTED OR CONCENTRATED ONTO ADJACENT PROPERTY.

3. ALL GRADING DETAILS SHALL BE IN CONFORMANCE WITH THE FOLLOWING SAN DIEGO COUNTY DESIGN STANDARDS OR REGIONAL STANDARD DRAWINGS:

A. LOT GRADING

B. DS-10 GRADING OF SLOPES

C. DS-11 REQUIRED SETBACKS

D. D-40 RIP RAP ENERGY DISSIPATOR

E. D-75 DRAINAGE DITCHES

4. BERMS SHALL BE REQUIRED AT THE TOP OF ALL FILL SLOPES AND SWALES OR BROW DITCHES SHALL BE REQUIRED AT THE TOP OF ALL CUT SLOPES. ALL BERMS, SWALES, OR BROW DITCHES SHALL CONFORM TO THE DESIGN STANDARDS OR REGIONAL STANDARD DRAWINGS LISTED ABOVE.

5. REGARDLESS OF WHICH BMP'S ARE IMPLEMENTED THE FACE OF ALL CUT AND FILL SLOPES IN EXCESS OF 3' VERTICAL HEIGHT SHALL BE PLANTED TO PREVENT EROSION. ALL PLANTING MUST BE IN CONFORMANCE WITH THE FOLLOWING:

A. PLANTING MUST BE IN CONFORMANCE WITH THE FOLLOWING SAN DIEGO COUNTY DESIGN STANDARDS OR REGIONAL STANDARD DRAWINGS LISTED ABOVE.

B. PLANTING MUST BE IN CONFORMANCE WITH THE FOLLOWING SAN DIEGO COUNTY DESIGN STANDARDS OR REGIONAL STANDARD DRAWINGS LISTED ABOVE.

C. PLANTING MUST BE IN CONFORMANCE WITH THE FOLLOWING SAN DIEGO COUNTY DESIGN STANDARDS OR REGIONAL STANDARD DRAWINGS LISTED ABOVE.

6. NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDINANCE AND NOTWITHSTANDING THE APPROVAL OF THESE GRADING PLANS, THE OWNER AND PERMITTEE ARE RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO ADJACENT PROPERTIES. NO PERSON SHALL EXCAVATE ON LAND SO ADJACENT TO THE GRADING PROJECT AS TO CAUSE DAMAGE TO ADJACENT PROPERTY, INCLUDING BUT NOT LIMITED TO, DAMAGE TO THE SEWER SYSTEM OR ANY OTHER PUBLIC OR PRIVATE PROPERTY.

7. THE DIRECTOR OF PLANNING & DEVELOPMENT SERVICES MAY IMPOSE CONDITIONS THAT ARE REASONABLY NECESSARY TO PREVENT THE CREATION OF A HAZARDOUS SITUATION OR HAZARD TO PERSONS OR TO PUBLIC OR PRIVATE PROPERTY. SUCH CONDITIONS MAY INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:

A. IMPROVEMENT OF EXISTING GRADING TO CONFORM WITH THE GRADING ORDINANCE. AND,

B. REPAIRS TO EXISTING EXCAVATIONS OR FILLS THAT WOULD OTHERWISE BE HAZARDOUS; AND,

C. ADEQUATE DUST CONTROL MEASURES.

8. THE ISSUANCE OF A GRADING PERMIT SHALL CONSTITUTE AN AUTHORIZATION TO PERFORM ONLY THAT WORK WHICH IS DESCRIBED OR SHOWN ON THE GRADING PERMIT APPLICATION AND APPROVED GRADING PLANS. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ANY CONDITIONS IMPOSED BY THE DIRECTOR OF PLANNING & DEVELOPMENT SERVICES AND IN ACCORDANCE WITH THE GRADING ORDINANCE.

9. A CONSTRUCTION, EXCAVATION OR ENCROACHMENT PERMIT FROM THE DEPARTMENT OF PUBLIC WORKS WILL BE REQUIRED FOR ANY WORK IN THE COUNTY RIGHT-OF-WAY. FUTURE DEVELOPMENT OF THIS PROPERTY MAY REQUIRE ADDITIONAL PERMITS AND REVIEW BY COUNTY OF SAN DIEGO.

OWNER / PERMITTEE

NAME: GIRD VALLEY INC. (CONTACT: JADE WORK)

ADDRESS: 1492 RAINBOW VALLEY BLVD.
FALLBROOK, CA 92028

TELEPHONE NO: (760) 431-3400

SHORT LEGAL DESCRIPTION: 46.52 AC W/L IN LOTS 48 & 49 MAP 5480 & IN SEC 3-10-3W TCT B TR PB0001PC, IN THE COUNTY OF SAN DIEGO

A.P.N. NO: 124-182-01

SITE ADDRESS: 2757 GIRD RD, FALLBROOK, CA 92028-8897

OWNERS CERTIFICATE

IT IS AGREED THAT FIELD CONDITIONS MAY REQUIRE CHANGES TO THESE PLANS.

I (HEREBY) AGREE THAT THE OWNER (DEVELOPER) SHALL HAVE A REGISTERED CIVIL ENGINEER MAKE SUCH CHANGES TO THESE PLANS. THE ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE PROJECT AND THE DESIGN SHALL BE IN ACCORDANCE WITH THE CALIFORNIA BUSINESS PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I FURTHER AGREE TO COMMENCE WORK ON ANY IMPROVEMENTS SHOWN ON THESE PLANS WITHIN EXISTING COUNTY RIGHT-OF-WAY WITHIN 60 DAYS AFTER ISSUANCE OF THE CONSTRUCTION PERMIT AND TO PURSUE SUCH WORK ACTIVELY ON EVERY NORMAL WORKING DAY UNTIL COMPLETED.

OWNER/PERMITTEE: GIRD VALLEY INC.
BY: JADE WORK
DATE: 124-182-01

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE OWNER OF WORK FOR THE PROJECT. THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE COUNTY OF SAN DIEGO IS CONFINED TO REVIEW ONLY AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE DESIGN.

BY: 77445
RCE NO: 124-182-01
DATE: 6/30/19
EXPIRES: 6/30/19

COUNTY APPROVED CHANGES

NO.	DESCRIPTION:	APPROVED BY:	DATE:

Michael Baker INTERNATIONAL

9755 Clairemont Mesa Blvd.
San Diego, CA 92124
Phone: (619) 614-5000
MBAKERINTL.COM

DESCRIPTION/TYPE	PLAN SHEET	BMP ID#	MAINTENANCE CATEGORY	MAINTENANCE AGREEMENT RECORDED DOC. #
STANDARD SWMP	10	N/A	N/A	

*BMP'S APPROVED AS PART OF STORMWATER MANAGEMENT PLAN (SWMP) DATED XX / XX / 18 ON FILE WITH DPW. ANY CHANGES TO THE ABOVE BMP'S WILL REQUIRE SWMP REVISION AND PLAN CHANGE APPROVALS.

PERMITS	PRIVATE CONTRACT
L/I PLAN N/A NOI/WDID# N/A GRADING PERMIT NO. PPS2017-LDGRMJ-30122 SWPPP RISK LEVEL N/A	SHEET 1 COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS 11 SHEETS
DESCRIPTION: BENCH MARK	TITLE SHEET FOR AS-BUILT GRADING 2757 GIRD RD, FALLBROOK, CA APN 124-182-01
LOCATION: 2757 GIRD RD, FALLBROOK, CA	CALIFORNIA COORDINATE INDEX 426-1713
RECORD FROM: 77445	OWNER OF WORK: JAY H. SALVANI COUNTY ENGINEER: DATE: 6-30-19 RCE: 77445
ELEVATION:	PPS2017-LDGRMJ-30122 GRADING PERMIT NO.

GRADING PLAN FOR AS-BUILT GRADING
APN 124-182-01

FALLBROOK

SITE LOCATION MAP
N.T.S.

N.A.P.

KEY MAP
1" = 300'

ABBREVIATIONS

AS	ASPHALT CONCRETE	NTS	NOT TO SCALE
BFM	BONDED FIBER MATRIX	PVC	POLYVINYL CHLORIDE
BIO	BIOSWALE	RCD	REGIONAL STANDARD DRAWING
CL	CENTER LINE	R/W	RIGHT OF WAY
CONC	CONCRETE	S	SEWER
EL	ELEVATION	SD	STORM DRAIN
EDPT	EDGE OF PAVEMENT	SDCO	STORM DRAIN CLEANOUT
EASEM	EASEMENT	SUG&E	SURVEYING & ELECTRICAL
EX	EXISTING	SMH	SANITARY SEWER MANHOLE
FF	FINISH FLOOR	TC	TOP OF BERM
FG	FINISH GRADE	TF	TOP OF CURB
FH	FIRE HYDRANT	TF	TOP OF FOOTING
FL	FLOW LINE	TG	TOP OF GRADE
FS	FINISH SURFACE	TW	TOP OF WALL
GB	GRADE BREAK	TYP	TYPICAL
HP	HIGH POINT	W	WATER
IE	INVERT ELEVATION		

SHEET INDEX

TITLE SHEET	1
DETAIL SHEET	2
GRADING PLAN	3-8
EROSION CONTROL NOTES	9
EROSION CONTROL PLAN AND DETAILS	10
STORM WATER POLLUTION PREVENTION PLAN	11

EARTHWORK

CUT: 2490 C.Y.
FILL: 2490 C.Y.
EXPORT: 0 C.Y.

WORK TO BE DONE

GRADING AND DRAINAGE WORK CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS: THE CURRENT SAN DIEGO AREA REGIONAL STANDARD DRAWINGS, THE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND PER THE SAN DIEGO COUNTY GRADING ORDINANCE.

LEGEND

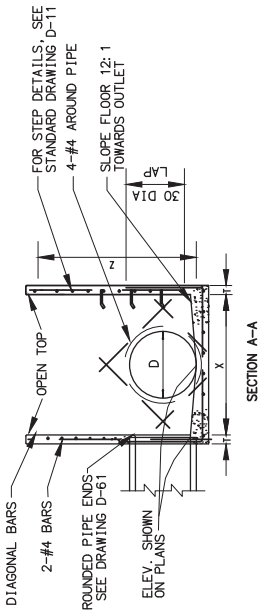
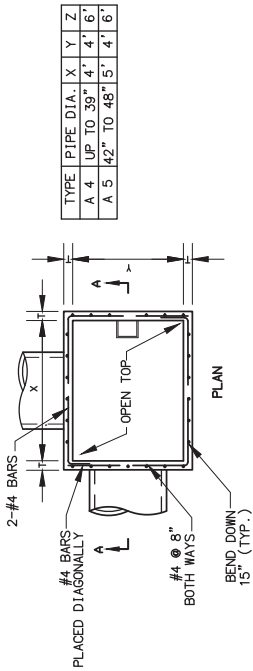
ITEM	STANDARD DRAWING/DETAIL	SYMBOL
LIMIT OF GRADING		- - - - -
FINISH CONTOUR		1480
STORM DRAIN	SEE GRADING PLANS SHEET 3,4,5,7	SD
STORM DRAIN CLEANOUT TYPE A	D-09	
(MODIFIED) WITHOUT TOP	SEE DETAIL 1 SHEET 2	
EXISTING CONTOUR		1480
EXISTING ELEVATION		1480
EXISTING TREES		EUC CW SYC OAK
EXISTING AC PAVMENT		

DISTURBED AREA/CALCS

PADES: 120,883 SQFT
SLOPES: 0 SQFT
DRIVEWAY: 0 SQFT
ROADWAY: 219,972 SQFT
TOTAL: 340,855 SQFT

AS-BUILT GRADING GRADING PLAN

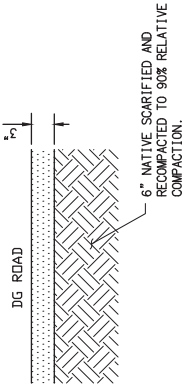
MICHAEL BAKER INTERNATIONAL (619) 614-5000



- NOTES
1. SEE STANDARD DRAWING D-11 FOR ADDITIONAL NOTES AND DETAILS.
 2. CONCRETE BASE SHALL BE 560-C-3250.
 3. ALL PRECAST COMPONENTS SHALL BE REINFORCED WITH 1/4" DIAMETER STEEL, WOUND SPIRALLY ON 4" CENTERS.
 4. ALL JOINT SHALL BE SET IN CLASS C MORTAR.
 5. MAINTAIN 1-1/2" CLEAR SPACING BETWEEN REINFORCING AND SURFACE UNLESS OTHERWISE NOTED.
 6. EXPOSED EDGES OF CONCRETE SHALL BE ROUNDED WITH A RADIUS OF 1/2".

1 STORM DRAIN CLEANOUT – TYPE A (MODIFIED)

N.T.S. DRAWING NUMBER D-9

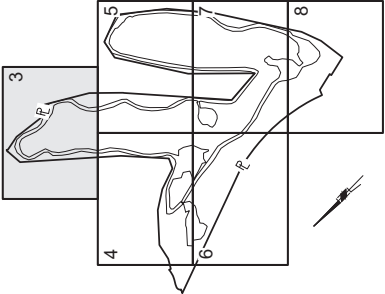


2 DG ROAD DETAIL (PVT)

N.T.S.

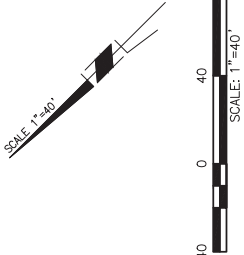
COUNTY APPROVED CHANGES		PRIVATE CONTRACT	
NO.	DESCRIPTION:	APPROVED BY:	DATE:

SHEET	COUNTY OF SAN DIEGO	11 SHEETS
2	DEPARTMENT OF PUBLIC WORKS	
DETAILS FOR:		
AS-BUILT GRADING		
2757 GIRD RD. FALLBROOK, CA		
APN 124-182-01		
CALIFORNIA COORDINATE INDEX		
426-1713		
ENGINEER OF WORK: JAY H. SULLIVAN		
APPROVED FOR WILLIAM F. MORGAN		
COUNTY ENGINEER:		
DATE: 8-30-19		
R.S.G. 27448		
PPS2017-LDGRMJ-30122		
GRADING PERMIT NO.		



CONSTRUCTION NOTES

- ① LIMIT OF GRADING WORK
- ② 18" HDPE STORM DRAIN PIPE (ADS N-12)
- ③ 48" HDPE STORM DRAIN PIPE (ADS N-12)
- ④ 4' X 4' STORM DRAIN CLEAOUT TYPE A, SEE DETAIL SHEET 2
- ⑤ 4' X 6' STORM DRAIN CLEAOUT TYPE A, SEE DETAIL SHEET 2
- ⑥ 1' MINIMUM BETWEEN PROPERTY LINE AND DAYLIGHT LINE



MATCHLINE SEE SHEET 5

MATCHLINE SEE SHEET 4

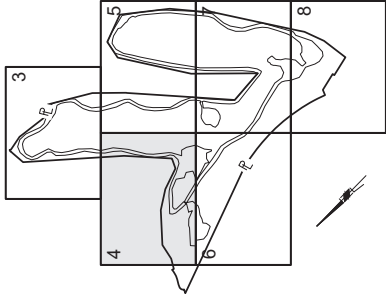
COUNTY APPROVED CHANGES		PRIVATE CONTRACT	
NO.	DESCRIPTION:	SHEET 3	11 SHEETS
		COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	
		GRADING PLAN FOR: AS-BUILT GRADING 2757 GIRD RD, FALLBROOK, CA APN 124-182-01	
		CALIFORNIA COORDINATE INDEX 426-1713	
		OWNER OF WORK: ART H. SULLIVAN APPROVED FOR WILLIAM P. MORGAN COUNTY ENGINEER	
		DATE: E-30-19 RAGE: 7/14/19	
		PPS2017-LDGRMJ-30122 GRADING PERMIT NO.	

MATCHLINE SEE SHEET 3



MATCHLINE SEE SHEET 5

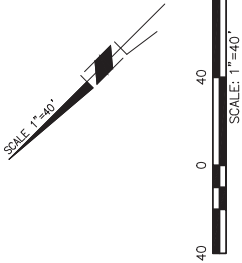
MATCHLINE SEE SHEET 6



KEY MAP
N.T.S.

CONSTRUCTION NOTES

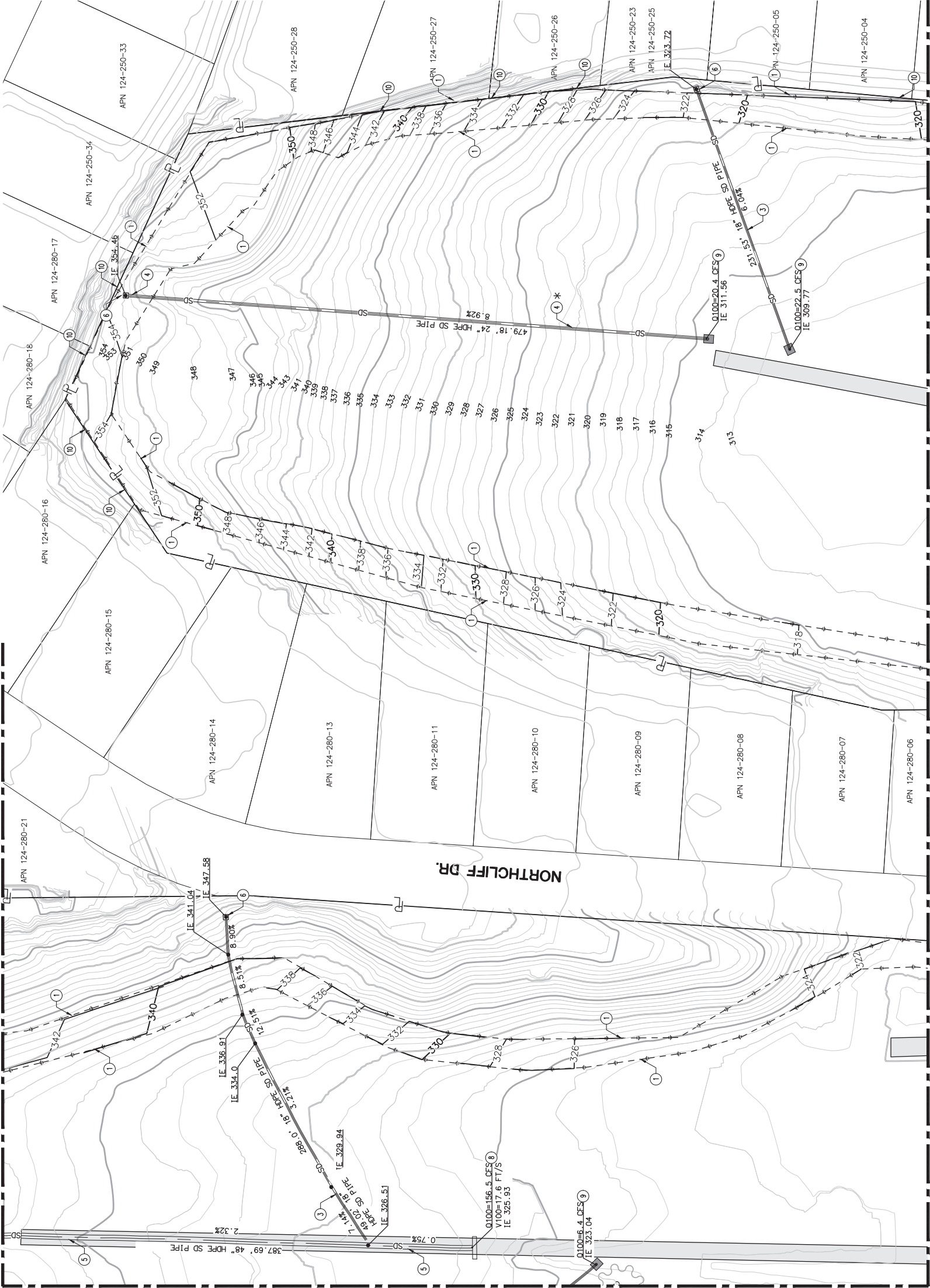
- ① LIMIT OF GRADING WORK
- ③ 18" HDPE STORM DRAIN PIPE (ADS N-12)
- ⑥ 4" X 4" STORM DRAIN CLEANOUT TYPE A, SEE DETAIL SHEET 2
- ⑩ 1' MINIMUM BETWEEN PROPERTY LINE AND DAYLIGHT LINE



COUNTY APPROVED CHANGES		PRIVATE CONTRACT	
NO.	DESCRIPTION:	APPROVED BY:	DATE:

SHEET	COUNTY OF SAN DIEGO	11
4	DEPARTMENT OF PUBLIC WORKS	SHEETS
GRADING PLAN FOR:		
AS-BUILT GRADING		
2757 GIRD RD. FALLBROOK, CA		
APN 124-182-01		
CALIFORNIA COORDINATE INDEX		
426-1713		
ENGINEER OF WORK: JAY H. SULLIVAN		
APPROVED FOR WILLIAM F. MORAN		
COUNTY ENGINEER:		
DATE: 8-30-19		
R.S.G. 27448		
PPS2017-LDGRMJ-30122		
GRADING PERMIT NO.		

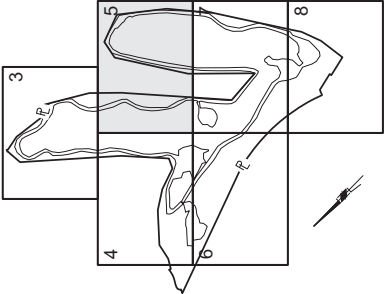
MATCHLINE SEE SHEET 3



MATCHLINE SEE SHEET 4

MATCHLINE SEE SHEET 7

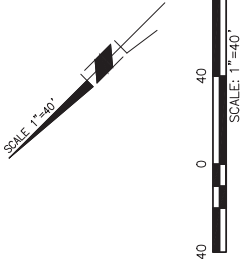
MATCHLINE SEE SHEET 3



KEY MAP
N.T.S.

CONSTRUCTION NOTES

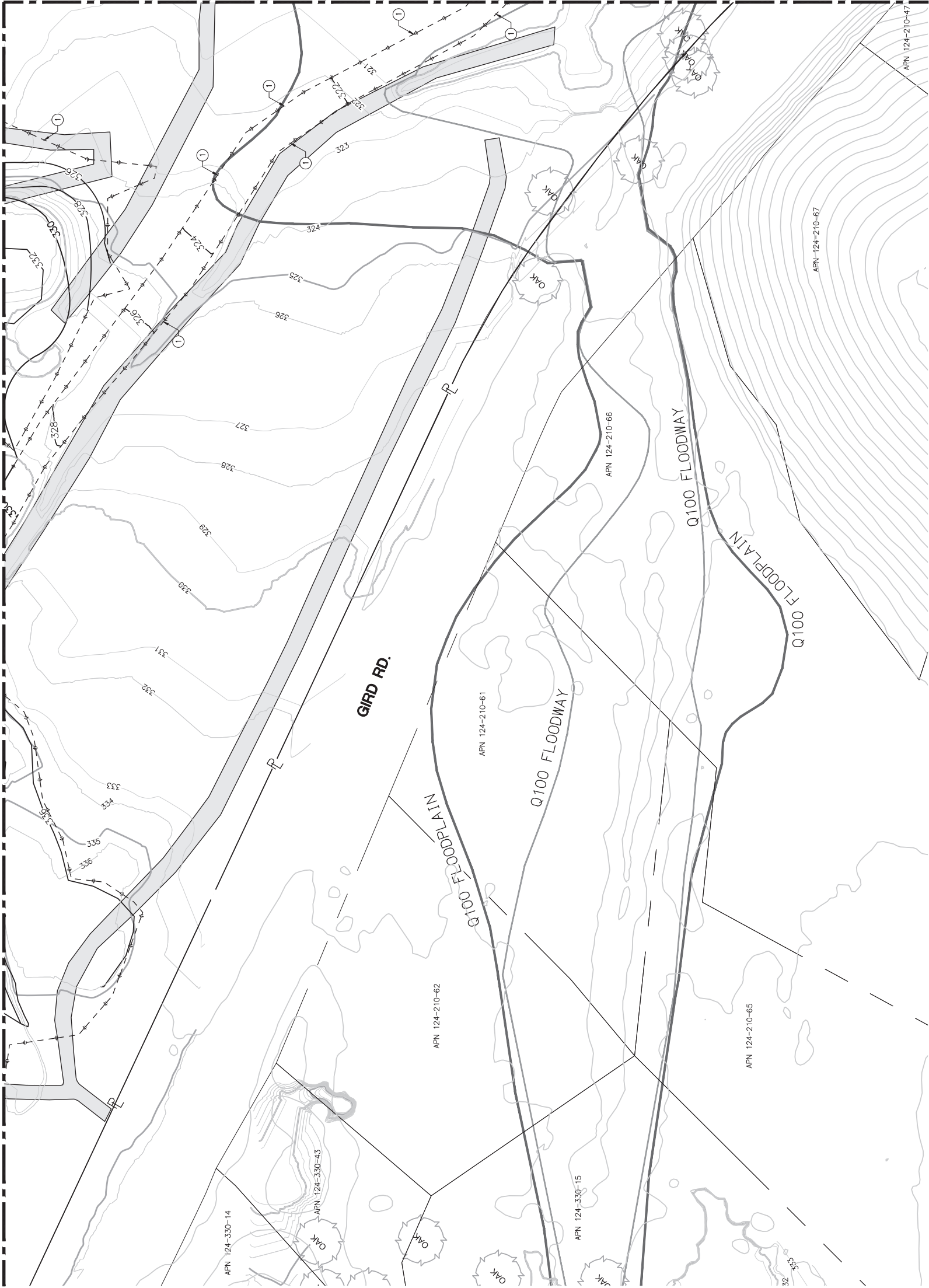
- 1 LIMIT OF GRADING WORK
- 3 18" HDPE STORM DRAIN PIPE (ADS N-12)
- 4 24" HDPE STORM DRAIN PIPE (ADS N-12)
- 5 48" HDPE STORM DRAIN PIPE (ADS N-12)
- 6 4" x 4" STORM DRAIN CLEANOUT TYPE A, SEE DETAIL SHEET 2
- 8 STRAIGHT HEADWALL PER SDORS D-30
- 9 TERMINATE STORM DRAIN PIPE WITH 90° VERTICAL BEND IN EXISTING AC PATCH.
- 10 1" MINIMUM BETWEEN PROPERTY LINE AND DAYLIGHT LINE



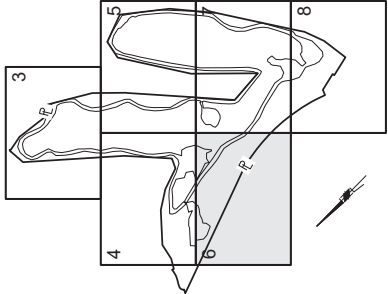
COUNTY APPROVED CHANGES		PRIVATE CONTRACT	
NO.	DESCRIPTION:	APPROVED BY:	DATE:

SHEET	5	COUNTY OF SAN DIEGO	DEPARTMENT OF PUBLIC WORKS	11 SHEETS
GRADING PLAN FOR: AS-BUILT GRADING 2757 GIRD RD. FALLBROOK, CA APN 124-182-01				
CALIFORNIA COORDINATE INDEX			426-1713	
ENGINEER OF WORK: JAY H. SULLIVAN		DATE: 8-30-19		
APPROVED FOR: WILLIAM F. MORGAN		DATE: 8-30-19		
COUNTY ENGINEER:		DATE:		
PPS2017-LDGRMJ-30122		GRADING PERMIT NO.		

MATCHLINE SEE SHEET 4



MATCHLINE SEE SHEET 7



KEY MAP
N.T.S.

CONSTRUCTION NOTES

- ① LIMIT OF GRADING WORK

SCALE: 1"=40'



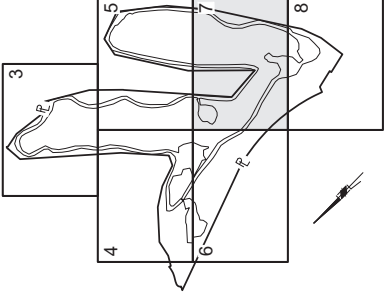
COUNTY APPROVED CHANGES		PRIVATE CONTRACT	
NO.	DESCRIPTION:	APPROVED BY:	DATE:

SHEET 0	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	11 SHEETS
GRADING PLAN FOR: AS-BUILT GRADING 2757 GIRD RD. FALLBROOK, CA APN 124-182-01		
CALIFORNIA COORDINATE INDEX 426-1713		
APPROVED FOR WILLIAM P. MORGAN COUNTY ENGINEER		
OWNER OF WORK: JAY N. SULLIVAN DATE: 8-30-18 R.G.E. 77445		
PPS2017-LDGRM-30122 DRAWING PERM. NO.		

MATCHLINE SEE SHEET 5



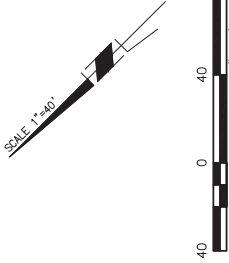
MATCHLINE SEE SHEET 6



KEY MAP
N.T.S.

CONSTRUCTION NOTES

- 1 LIMIT OF GRADING WORK
- 3 18" HDPE STORM DRAIN PIPE (ADS N-12)
- 6 4' X 4' STORM DRAIN CLEANOUT TYPE A, SEE DETAIL SHEET 2
- 9 TERMINATE STORM DRAIN PIPE WITH 90° VERTICAL BEND IN EXISTING AC PATCH.



COUNTY APPROVED CHANGES		PRIVATE CONTRACT	
NO.	DESCRIPTION:	SHEET /	11 SHEETS
		COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	
		GRADING PLAN FOR: AS-BUILT GRADING 2757 GIRD RD, FALLBROOK, CA APN 124-182-01	
		CALIFORNIA COORDINATE INDEX 426-1713	
		APPROVED FOR WILLIAM P. MORGAN COUNTY ENGINEER DATE: 8-30-19 SEE: 27445	
		PPS2017-LDGRM-30122 DRAWING PRINT NO.	

MATCHLINE SEE SHEET 8



LEGEND	
	SC-1 PERIMETER SEDIMENT BARRIER (SILT FENCE)
	TC-1 STABILIZER CONSTRUCTION ENTRANCE
	SC-10 STORM DRAIN INLET PROTECTION
	SC-5 FIBER ROLLS
	EC-4 HYDROSEEDING

AS-BUILT GRADING PLAN

MICHAEL BAKER INTERNATIONAL (858) 614-5000

COUNTY APPROVED CHANGES		PRIVATE CONTRACT	
NO.	DESCRIPTION:	SHEET 10	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS 11 SHEETS
		EROSION CONTROL PLAN FOR: AS-BUILT GRADING 2757 GIRL RD. FALLBROOK, CA APN 124-182-01	
		CALIFORNIA COORDINATE INDEX 426-1713	
		APPROVED FOR WILLIAM F. MORAN COUNTY ENGINEER	
		POWER OF WORK: JAY H. SULLIVAN DATE: 8-30-19 REG. 77445	
		PP52017-LDGRM-30122 BY: _____ DATE: _____ GRADING PERMIT NO. _____	



LEGEND

SC-1

SILT FENCE

SC-5

FIBER ROLLS

SC-7

STREET SWEEPING AND VACUUMING

SC-10

STORM DRAIN INLET PROTECTION

TC-1

STABILIZED CONSTRUCTION ENTRANCE

WM-4

SPILL PREVENTION AND CONTROL

WM-5

SOLID WASTE MANAGEMENT

CONTROL PRACTICES TO REDUCE THE TRACKING OF SEDIMENT ONTO PUBLIC AND PRIVATE ROADS
TRACKING OF SEDIMENT ONTO PUBLIC AND PRIVATE ROADS SHALL BE MITIGATED BY THE CONSTRUCTION OF A TEMPORARY GRAVEL ENTRANCE/EXIT.

CONTROL PRACTICES TO REDUCE WIND EROSION
GRADING OPERATIONS WILL COMPLY WITH CITY ORDINANCES RELATING TO DUST CONTROL. ADDITIONAL, ALL FILL MATERIAL WILL BE COMPACTED TO AT LEAST 90% OF MAXIMUM DENSITY AND LANDSCAPED AS SHOWN ON THE LANDSCAPE PLAN/LANDSCAPE PLAN PROVIDED PRIOR TO GRADING PERMIT.]

SITE MAINTENANCE, INSPECTION, AND REPAIR
INSPECTIONS OF THE CONSTRUCTION SITE SHALL BE CONDUCTED PRIOR TO ANTICIPATED STORM EVENTS AND AFTER ACTUAL STORM EVENTS TO IDENTIFY AREAS CONTRIBUTING TO A STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION. INSPECTIONS SHALL BE CONDUCTED AT LEAST WEEKLY DURING CONSTRUCTION. IDENTIFIED IN THE SWPPP ARE PERMIT OR WHETHER ADDITIONAL CONTROL MEASURES ARE NEEDED. A RECORD OF THE INSPECTIONS MUST INCLUDE THE DATE OF THE INSPECTION, THE INDIVIDUAL(S) WHO PERFORMED THE INSPECTION, AND THE OBSERVATIONS. THE PERSONS PERFORMING THE SITE INSPECTIONS WILL DECIDE THE APPROPRIATENESS OF IMPLEMENTING THE BMPs SHOWN ON THIS PLAN AT ANY PARTICULAR CONSTRUCTION PHASE. ADDITIONALLY, THEY WILL DETERMINE IF THE APPROPRIATE BMPs ARE WORKING OR NEED TO BE REPAIRED, ENHANCED, OR REPLACED.

BEST MANAGEMENT PRACTICES

THE FOLLOWING BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL ARE SHOWN ON THE PLAN. SOME ARE FOR SHORT TERM MITIGATION DURING CONSTRUCTION AND OTHERS ARE FOR LONG TERM MITIGATION AFTER CONSTRUCTION IS COMPLETED. ALL BMPs SHALL COMPLY WITH THE COUNTY OF SAN DIEGO MANUAL AND PROCEDURES.

SITE DEVELOPMENT MANAGEMENT AND PROJECT ENGINEERING PERSONNEL SHALL ENSURE THAT ALL PERSONNEL INVOLVED IN INSPECTIONS, MAINTENANCE, AND REPAIR OF BMPs ARE TRAINED AND AWARE OF THE REQUIREMENTS OF THE SWPPP. THE SWPPP SHALL BE HELD PERIODICALLY BETWEEN THE VARIOUS CONTRACTORS AND THE COUNTY ENGINEER OR CONSTRUCTION SUPERINTENDENT TO DISCUSS POTENTIAL PROBLEMS OR EXISTING PRACTICES THAT CAN BE IMPROVED IN ORDER TO PREVENT POLLUTION DURING FUELING, CLEANING OR MAINTENANCE OPERATIONS.

EROSION AND SEDIMENT CONTROL

LISTED BELOW ARE BEST MANAGEMENT PRACTICES TO BE USED FOR SOIL STABILIZATION PURPOSES. THEY ARE SHOWN IN DETAIL ON THIS SHEET. BMP'S HAVE BEEN SELECTED FROM PROVEN METHODS USED FOR CONTROLLING EROSION WITH THE GENERAL PROJECT AREA. SHORT TERM - CONSTRUCTION BMP'S: SILT FENCES
STABILIZED CONSTRUCTION ENTRANCE

COUNTY APPROVED CHANGES		PRIVATE CONTRACT	
NO.	DESCRIPTION:	APPROVED BY:	DATE:

SHEET	COUNTY OF SAN DIEGO	DEPARTMENT OF PUBLIC WORKS	11	SHEETS
STORM WATER POLLUTION PREVENTION PLAN				
AS-BUILT GRADING				
2757 GIRD RD. FALLBROOK, CA				
APN 124-182-01				
CALIFORNIA COORDINATE INDEX			426-1713	
APPROVED FOR WORK: JAY H. SULLIVAN		DATE: 8-30-19		
COUNTY ENGINEER:		PAGE: 27/45		
BY:		PPS2017-LDGRMJ-30122		
		DRAWING PERMIT NO.		