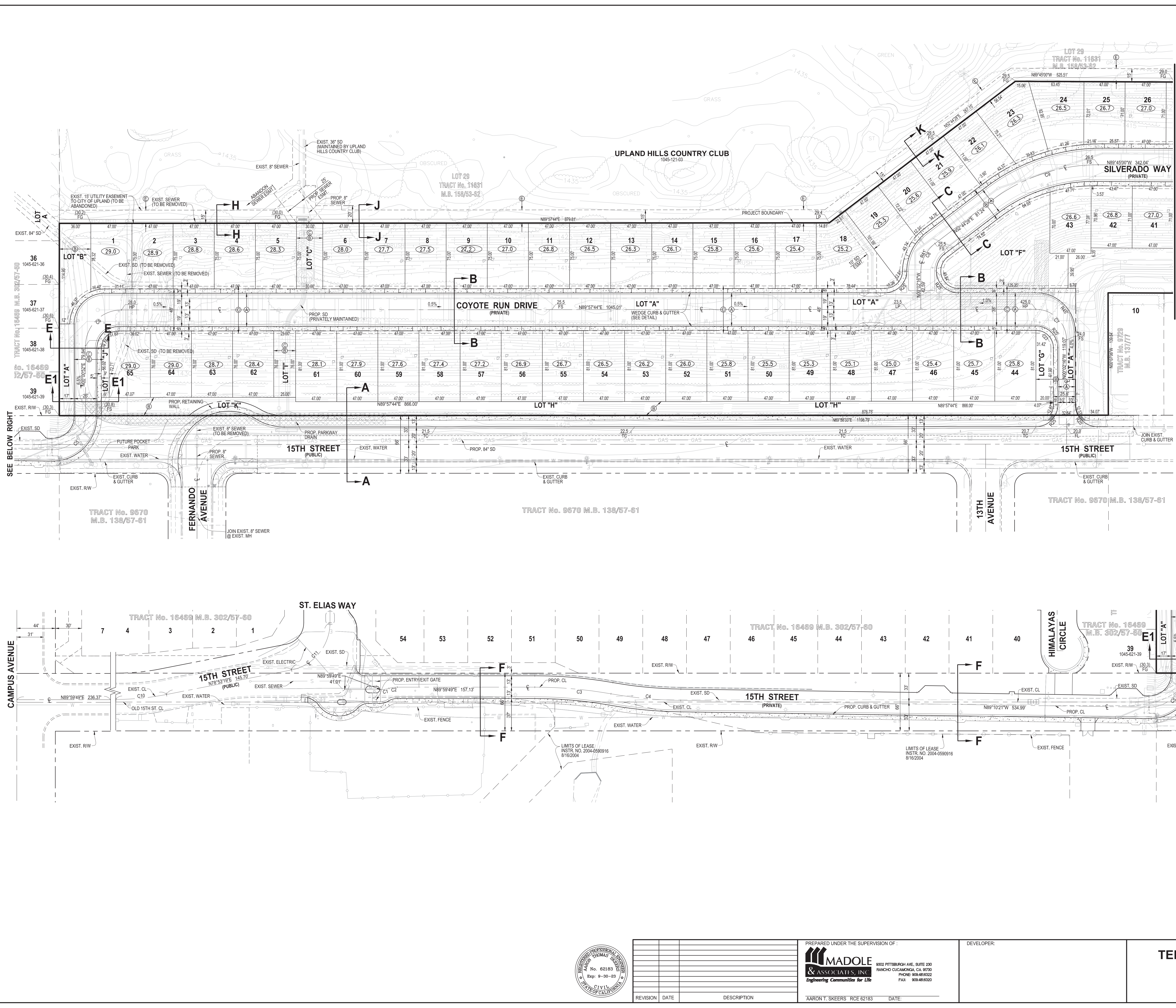
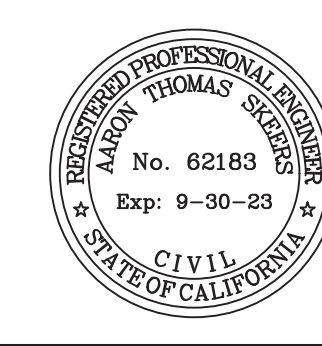
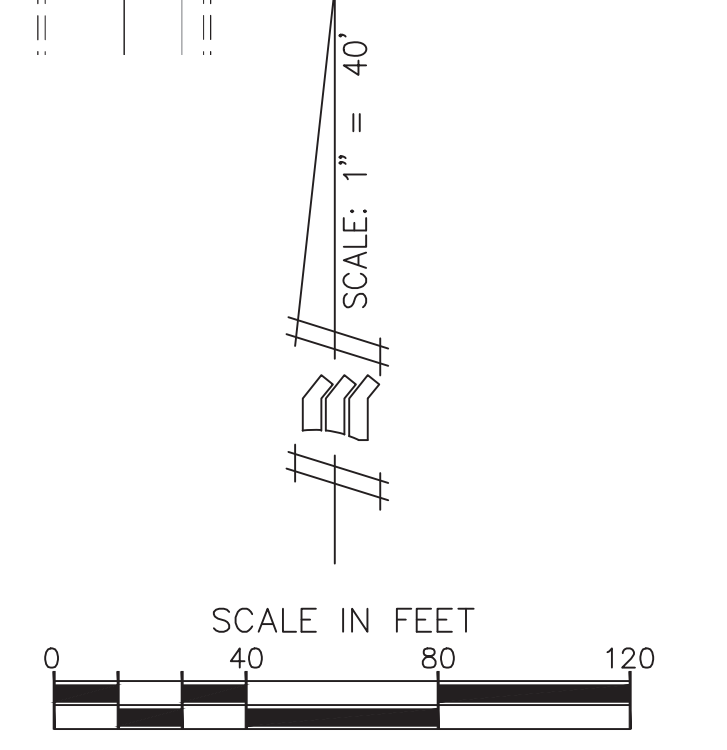




- PROPOSED EASEMENTS:**
- (A) DENOTES EASEMENT TO CITY OF UPLAND FOR EMERGENCY VEHICLE ACCESS.
 - (B) DENOTES EASEMENT TO CITY OF UPLAND FOR STORM DRAIN, INGRESS, EGRESS, INSPECTION, MAINTENANCE & REPAIR PURPOSES.
 - (C) DENOTES EASEMENT TO CITY OF UPLAND FOR PUBLIC UTILITY PURPOSES (SEWER, WATER AND STORM DRAIN).
 - (D) DENOTES A RESERVATION TO THE HOA FOR PRIVATE STORM DRAIN PURPOSES.
 - (E) DENOTES A TEMPORARY CONSTRUCTION EASEMENT FOR THE DEVELOPMENT OF TRACT 2024S.

CURVE TABLE				
CURVE	DELTA	LENGTH	RADIUS	TANGENT
C1	16°21'01"	9.70'	34.00'	4.88'
C2	16°21'01"	9.70'	34.00'	4.88'
C3	10°01'07"	87.43'	500.00'	43.83'
C4	9°11'17"	80.18'	500.00'	40.18'
C5	90°48'47"	60.23'	38.00'	38.54'
C6	89°56'53"	64.37'	41.00'	40.96'
C7	90°00'00"	54.98'	35.00'	35.00'
C8	52°46'43"	37.77'	41.00'	20.34'
C9	37°30'33"	130.93'	200.00'	67.91'
C10	11°09'27"	58.16'	300.00'	29.17'
C11	78°20'20"	75.21'	55.00'	44.81'

- LEGEND**
- CL CENTER LINE
 - FS FINISHED SURFACE
 - HP HIGH POINT
 - LP LOW POINT
 - R/W RIGHT OF WAY
 - 45 LOT NUMBER
 - 1424.7 PAD ELEVATION
 - GAS EXISTING GAS LINE
 - W EXISTING STORM DRAIN
 - S EXISTING WATER LINE
 - CL CENTER LINE
 - FL RIGHT OF WAY
 - EASEMENT
 - LIMITS OF LEASE
 - S PROPOSED STORM DRAIN
 - W PROPOSED SEWER LINE
 - W PROPOSED WATER LINE
 - EXISTING FIRE HYDRANT
 - PROPOSED STREET LIGHT
 - STORM DRAIN MANHOLE
 - PROPOSED STORM DRAIN CATCH BASIN
 - PROPOSED SEWER MANHOLE
 - SHALLOW STORM DRAIN COVER
 - PROPOSED INFILTRATION BASIN



REVISION	DATE	DESCRIPTION

PREPARED UNDER THE SUPERVISION OF:
MADOLE & ASSOCIATES, INC.
Engineering Communities for Life
3002 PITTSBURGH AVE., SUITE 300
RANCHO CUCAMONGA, CA 91730
PHONE: 909-481-0522
FAX: 909-481-0520

AARON T. SKEERS RCE 62183 DATE: _____

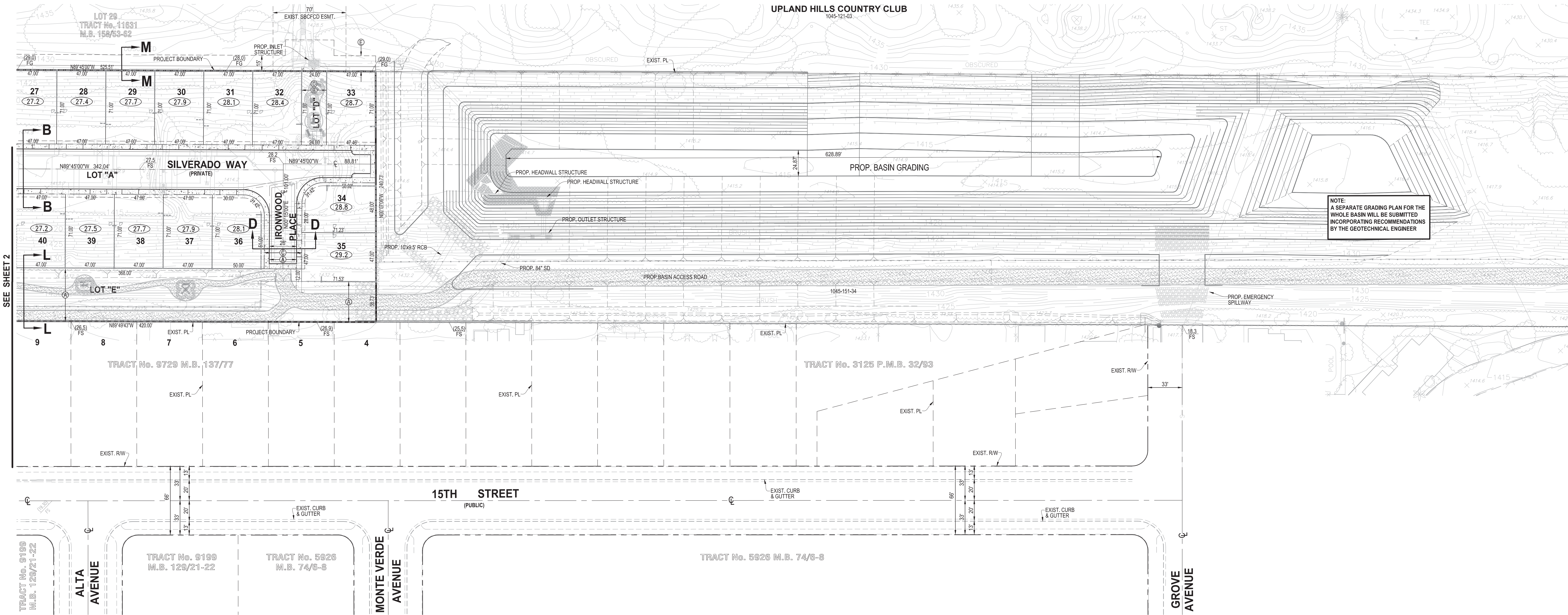
DEVELOPER: _____

TENTATIVE TRACT MAP NO. 2024S

CITY OF UPLAND

SHEET 2

OF 3



SEE SHEET 2

UPLAND HILLS COUNTRY CLUB
1045-121-53

NOTE:
A SEPARATE GRADING PLAN FOR THE
WHOLE BASIN WILL BE SUBMITTED
INCORPORATING RECOMMENDATIONS
BY THE GEOTECHNICAL ENGINEER

PROPOSED EASEMENTS:

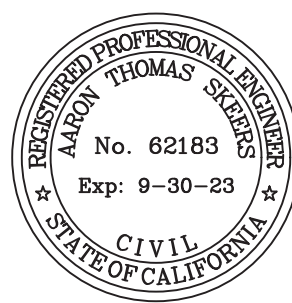
- (A) DENOTES EASEMENT TO CITY OF UPLAND FOR EMERGENCY VEHICLE ACCESS.
- (B) DENOTES EASEMENT TO CITY OF UPLAND FOR STORM DRAIN, INGRESS, EGRESS, INSPECTION, MAINTENANCE & REPAIR PURPOSES.
- (C) DENOTES EASEMENT TO CITY OF UPLAND FOR PUBLIC UTILITY PURPOSES (SEWER, WATER AND STORM DRAIN).
- (D) DENOTES A RESERVATION TO THE HOA FOR PRIVATE STORM DRAIN PURPOSES.
- (E) DENOTES A TEMPORARY CONSTRUCTION EASEMENT FOR THE DEVELOPMENT OF TRACT 20245.

CURVE TABLE				
CURVE	DELTA	LENGTH	RADIUS	TANGENT
C1	16°21'01"	9.70'	34.00'	4.88'
C2	16°21'01"	9.70'	34.00'	4.88'
C3	10°01'07"	87.43'	500.00'	43.83'
C4	9°11'17"	80.18'	500.00'	40.18'
C5	90°48'47"	60.23'	38.00'	38.54'
C6	89°56'53"	64.37'	41.00'	40.96'
C7	90°00'00"	54.98'	35.00'	35.00'
C8	52°46'43"	37.77'	41.00'	20.34'
C9	37°30'33"	130.93'	200.00'	67.91'

LEGEND

- C CENTER LINE
- FS FINISHED SURFACE
- HP HIGH POINT
- LP LOW POINT
- R/W RIGHT OF WAY
- 45 LOT NUMBER
- 1424.7 PAD ELEVATION
- GAS - EXISTING GAS LINE
- - - EXISTING STORM DRAIN
- W - EXISTING WATER LINE
- S - EXISTING SEWER LINE
- - - CENTER LINE
- - - RIGHT OF WAY
- - - EASEMENT
- - - LIMITS OF LEASE
- S - PROPOSED STORM DRAIN
- W - PROPOSED SEWER LINE
- - - PROPOSED WATER LINE
- - - EXISTING FIRE HYDRANT
- - - PROPOSED STREET LIGHT
- - - STORM DRAIN MANHOLE
- - - PROPOSED STORM DRAIN CATCH BASIN
- - - PROPOSED SEWER MANHOLE
- - - SHALLOW STORM DRAIN COVER
- - - PROPOSED INFILTRATION BASIN

SCALE: 1" = 40'



REVISION	DATE	DESCRIPTION

PREPARED UNDER THE SUPERVISION OF:
MADOLE & ASSOCIATES, INC.
Engineering Communities for Life
9002 PITTSBURGH AVE., SUITE 300
RANCHO CUCAMONGA, CA. 91730
PHONE: 909.481.0522
FAX: 909.481.0520

DEVELOPER:

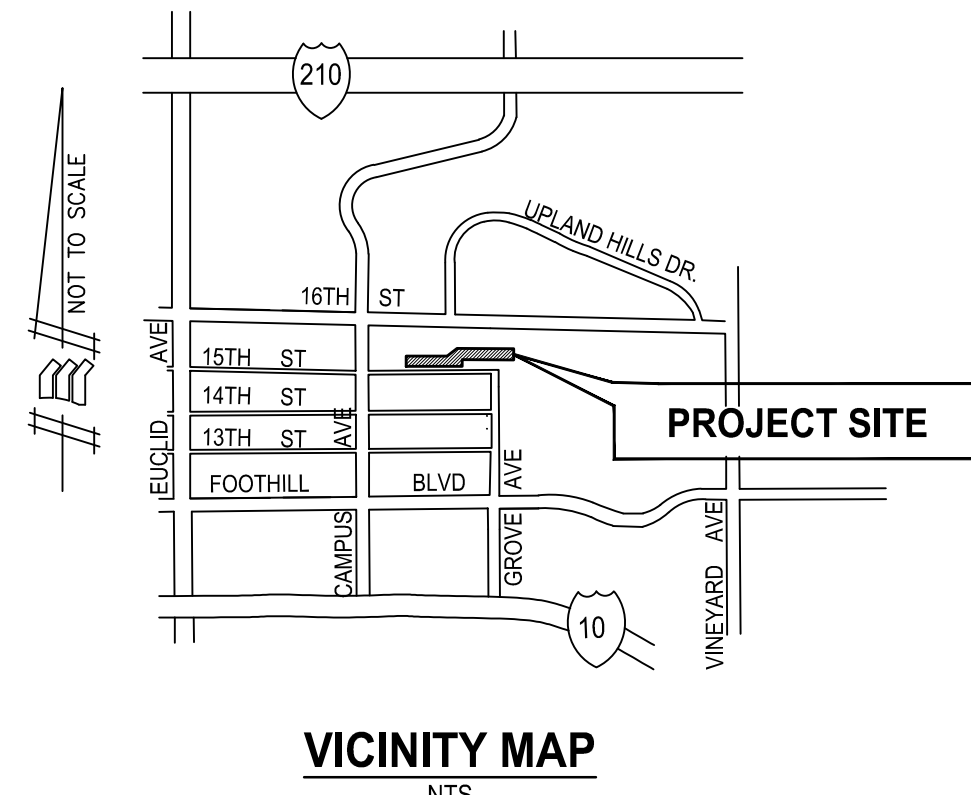
TENTATIVE TRACT MAP
NO. 20245

CITY OF UPLAND

SHEET 3
OF 3

PROJECT NO. 766-2686, TENT. TRACT NO. 20245

INDEX MAP
SCALE: 1" = 200'



- ## GENERAL NOTES FOR GRADING PLANS
- 1) ALL WORK SHALL BE IN ACCORDANCE WITH CHAPTER 15.52 OF THE UPLAND MUNICIPAL CODE AND ANY SPECIAL REQUIREMENTS OF THE PERMIT. A COPY OF THE APPROVED GRADING PLAN SHALL BE RETAINED ON THE JOB SITE WHILE WORK IS IN PROGRESS. WHEN REFERENCED ON THE PLANS, A COPY OF CITY OF UPLAND STANDARD PLANS SHALL ALSO BE RETAINED ON THE SITE.
 - 2) GRADING SHALL NOT BE STARTED WITHOUT FIRST NOTIFYING THE CITY OF UPLAND PUBLIC WORKS INSPECTOR AT (909) 281-0263. A PRE-GRADING MEETING ON THE SITE IS REQUIRED BEFORE START OF GRADING WITH THE FOLLOWING PEOPLE PRESENT: OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, SOILS ENGINEER, ENGINEERING GEOLOGIST, AND CITY INSPECTOR. THE REQUIRED INSPECTIONS FOR GRADING WILL BE EXPLAINED AT THIS MEETING. SCHEDULE 72 HRS. BEFORE CONSTRUCTION STARTS.
 - 3) ISSUANCE OF A GRADING PERMIT DOES NOT ELIMINATE THE NEED FOR PERMITS FROM OTHER AGENCIES WITH REGULATORY RESPONSIBILITIES FOR CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE WORK AUTHORIZED ON THIS PLAN.
 - 4) THE GRADING PERMIT AND AN APPROVED COPY OF THE GRADING PLAN SHALL BE ON THE PERMITTED SITE WHILE WORK IS IN PROGRESS.
 - 5) PRELIMINARY SOIL AND GEOLOGY REPORTS AND ALL SUBSEQUENT REPORTS ARE CONSIDERED A PART OF THE APPROVED GRADING PLAN.
 - 6) THE SOILS ENGINEER AND ENGINEERING GEOLOGIST SHALL PERFORM SUFFICIENT INSPECTIONS AND BE AVAILABLE DURING GRADING AND CONSTRUCTION TO VERIFY COMPLIANCE WITH THE PLANS, SPECIFICATIONS AND THE CODE WITHIN THEIR JURISDICTION.
 - 7) THE CIVIL ENGINEER SHALL BE AVAILABLE DURING GRADING TO VERIFY COMPLIANCE WITH THE PLANS, SPECIFICATIONS, CODE AND ANY SPECIAL CONDITIONS OF THE PERMIT WITHIN THEIR JURISDICTION.
 - 8) AREAS TO RECEIVE FILL SHALL BE PROPERLY PREPARED AND APPROVED IN WRITING BY THE SOIL ENGINEER BEFORE PLACING FILL.
 - 9) FILLS SHALL BE BENCHED INTO COMPETENT MATERIAL AS REQUIRED BY THE SOILS ENGINEER.
 - 10) ALL EXISTING FILLS SHALL BE APPROVED BY THE SOILS ENGINEER OR REMOVED BEFORE PLACING ADDITIONAL FILLS.
 - 11) FILLS SHALL BE COMPACTED THROUGHOUT TO A MINIMUM OF 90% RELATIVE COMPACTION. AGGREGATE BASE FOR ASPHALTIC AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION. MAXIMUM DENSITY SHALL BE IN ACCORDANCE WITH CBC 2013 B, SECTION 1804.
 - 12) CUT AND FILL SLOPES SHALL BE NO STEEPER THAN 2-FOOT HORIZONTAL TO 1-FOOT VERTICAL (2:1) EXCEPT WHERE SPECIFICALLY APPROVED OTHERWISE.
 - 13) ALL CUT SLOPES SHALL BE INVESTIGATED BOTH DURING AND AFTER GRADING BY THE ENGINEERING GEOLOGIST TO DETERMINE IF ANY SLOPE STABILITY PROBLEM EXISTS. SHOULD EXCAVATION DISCLOSE ANY GEOLOGICAL HAZARDS OR POTENTIAL GEOLOGICAL HAZARDS, THE ENGINEERING GEOLOGIST SHALL SUBMIT RECOMMENDED TREATMENT TO THE CITY INSPECTOR FOR APPROVAL.
 - 14) ALL TRENCH BACKFILLS SHALL BE TESTED AND APPROVED BY THE SOILS ENGINEER PER THE GRADING CODE.
 - 15) ANY EXISTING IRRIGATION LINES AND CISTERNS SHALL BE REMOVED OR CRUSHED IN PLACE AND APPROVED BY THE CITY INSPECTOR AND SOILS ENGINEER.
 - 16) ANY EXISTING WATER WELLS SHALL BE ABANDONED IN COMPLIANCE WITH THE SPECIFICATIONS APPROVED BY SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC HEALTH.
 - 17) ANY EXISTING CESSPOOLS AND SEPTIC TANKS SHALL BE ABANDONED IN COMPLIANCE WITH THE CALIFORNIA PLUMBING CODE TO THE APPROVAL OF THE BUILDING OFFICIAL. A SEPARATE PERMIT MUST BE OBTAINED FROM THE CITY BUILDING DEPARTMENT.
 - 18) THE CITY INSPECTOR, BEFORE EXCAVATION, SHALL APPROVE STOCKPILING OF EXCESS MATERIAL.
 - 19) EXPORT SOIL MUST BE TRANSPORTED TO A LEGAL DUMP OR TO A PERMITTED SITE APPROVED BY THE CITY INSPECTOR.
 - 20) THE PERMITTEE SHALL SUBMIT A HAUL ROUTE PLAN TO THE CITY ENGINEER WHEN EARTH AND/OR DEBRIS IS TRANSPORTED TO OR FROM A PERMITTED SITE ON PUBLIC ROADWAYS.
 - 21) THE PERMITTEE IS RESPONSIBLE FOR DUST CONTROL MEASURES.
 - 22) THE PERMITTEE SHALL GIVE REASONABLE NOTICE TO THE OWNER OF THE ADJOINING LANDS AND BUILDINGS BEFORE BEGINNING EXCAVATIONS, WHICH MAY AFFECT THE LATERALS AND SUBJACENT SUPPORT OF THE ADJOINING PROPERTY. THE NOTICE SHALL STATE THE INTENDED DEPTH OF EXCAVATION AND WHEN THE EXCAVATION WILL COMMENCE. THE PERMITTEE OR HIS AGENT SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY HIS/HER GRADING ACTIVITIES.
 - 23) SLOPES EXCEEDING 5 FEET IN HEIGHT SHALL BE PLANTED WITH AN APPROVED PLANT MATERIAL. IN ADDITION, SLOPES EXCEEDING 15 FEET IN HEIGHT SHALL BE PROVIDED WITH AN APPROVED IRRIGATION SYSTEM UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
 - 24) SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE.
 - 25) THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE PERMITTEE.
 - 26) ALL WATER VALVES AND SEWER MANHOLES SHALL REMAIN ACCESSIBLE AND FREE OF DEBRIS THROUGHOUT ALL PHASES OF THE PROJECT.
 - 27) INSTALL 3/4" PLYWOOD FALSE BOTTOMS IN ALL SEWER MANHOLES WITHIN THE CONSTRUCTION AREA. (CHECKED DAILY BY INSPECTOR).
 - 28) PROVIDE TRAP AT FIRST MANHOLE DOWNSTREAM OF PROPOSED IMPROVEMENTS
 - 29) ~~PROVIDE TRAP AT FIRST MANHOLE DOWNSTREAM OF PROPOSED IMPROVEMENTS~~
PROVIDE TRAP AT FIRST MANHOLES AND TEMPORARY DRAINAGE PROVISIONS SHALL BE USED TO PROTECT ADJOINING PROPERTIES DURING GRADING.
 - 30) GRADING OPERATIONS, INCLUDING MAINTENANCE OF EQUIPMENT, SHALL BE CONDUCTED BETWEEN THE HOURS OF 7 A.M. AND 3:30 P.M. MONDAY THROUGH FRIDAY. NO WORK SHALL BE ALLOWED ON WEEKENDS.
 - A. ALL CONSTRUCTION VEHICLES OR EQUIPMENT, FIXED OR MOBILE, OPERATED WITHIN 1,000 FEET OF A DWELLING SHALL BE EQUIPPED WITH PROPERLY OPERATING AND MAINTAINED MUFFLERS.
 - B. ALL OPERATIONS SHALL COMPLY WITH CITY OF UPLAND NOISE ORDINANCE (CHAPTER 4.5, UNNECESSARY NOISE.)
 - C. STOCKPILING AND/OR VEHICLE STAGING AREAS SHALL BE LOCATED AS FAR AS PRACTICABLE FROM DWELLINGS AND WITHIN THE LIMITS OF GRADING PERMIT.

- 31) GRADING AND EXCAVATION SHALL BE HALTED DURING PERIODS OF HIGH WINDS. ACCORDING TO AQMD MEASURE F-4, HIGH WINDS ARE DEFINED AS 30 MPH OR GREATER. THIS LEVEL OCCURS ONLY UNDER EXTREME CONDITIONS, SUCH AS SANTA ANA WIND CONDITIONS. USE A WATER TRUCK FOR DUST CONTROL.
- 32) THE CIVIL ENGINEER, AS A CONDITION OF ROUGH GRADE APPROVAL, SHALL PROVIDE A BLUE TOP WITH A COMBINATION WITNESS STAKE, SET AT THE CENTER OF EACH PAD REFLECTING THE PAD ELEVATION FOR PRECISE GRADIENTS AND A BLUE TOP WITH WITNESS STAKE SET AT THE DRAINAGE SWALE HIGH POINT REFLECTING THE HIGH POINT ELEVATION FOR ROUGH GRADING PERMITS.
- 33) THE ENGINEERING GEOLOGIST SHALL PERFORM PERIODIC INSPECTIONS AND SUBMIT A COMPLETE REPORT AND MAP UPON COMPLETION OF THE ROUGH GRADING.
- 34) THE GRADING CONTRACTOR SHALL SUBMIT A STATEMENT OF COMPLIANCE TO THE APPROVED GRADING PLAN BEFORE FINAL APPROVAL.
- 35) IN THE EVENT THAT SOIL CONTAMINATION IS DISCOVERED DURING EXCAVATION OR REMOVAL OF AN EXISTING TANK IS NECESSARY, WORK SHALL BE STOPPED UNTIL A SITE ASSESSMENT AND MITIGATION PLAN HAS BEEN PREPARED, SUBMITTED AND APPROVED BY COUNTY OF SAN BERNARDINO DEPARTMENT OF ENVIRONMENTAL HEALTH.
- 36) THE DEVELOPER SHALL BE RESPONSIBLE FOR SUBMITTING TO THE CITY PROOF THAT A NOTICE OF INTENT (NOI) FOR THE GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY HAS BEEN FILED WITH AND APPROVED BY THE STATE WATER RESOURCES CONTROL BOARD. CONSTRUCTION SHALL BE ALLOWED TO PROCEED WITHOUT THIS APPROVAL. THE DEVELOPER SHALL BE RESPONSIBLE TO COMPLY WITH THE GENERAL CONSTRUCTION ACTIVITY STORM WATER PERMIT BY IMPLEMENTING THEIR STORM WATER POLLUTION PREVENTION PLAN FOR THE DURATION OF THE PROJECT.

SURVEY MONUMENTS THAT EXIST AS SHOWN ON RECORDED MAPS, HIGHWAY MAPS, OR POINTS THAT PROVIDE SURVEY CONTROL WITHIN THE CONSTRUCTION AREA, SHALL BE LOCATED AND REFERENCED BY A LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER (AUTHORIZED TO PRACTICE LAND SURVEYING), BEFORE THE START OF CONSTRUCTION. CORNER RECORDS SHALL BE FILED WITH THE COUNTY SURVEYOR. THESE CORNER RECORDS SHALL DESCRIBE THE MONUMENTS FOUND WITHIN THE DISTANCES TO REFERENCE POINTS OR THE RESTIATION OF SURVEY MONUMENT, WHEN CONSTRUCTION IS COMPLETED, MONUMENTS SHALL BE SET AND CORNER RECORDS SHALL BE FILED WITH THE COUNTY SURVEYOR SHOWING THE NEW MONUMENTS.

IN SUBMITTING A BID FOR THIS WORK, THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN FROM THE OWNER, THE ENGINEER, AND THE CITY OF UPLAND, AND ITS AGENTS OR REPRESENTATIVES HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER, THE ENGINEER, OR THE CITY OF UPLAND AND ITS AGENTS OR REPRESENTATIVES.

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT THE EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR AND WITH "CONSTRUCTION SAFETY ORDERS." THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTOR OR SUBCONTRACTOR'S COMPLIANCE WITH SAID REGULATION AND ORDERS.

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS; TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS.

THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

CONTRACTOR SHALL ADJUST TO FINISH GRADE ALL MANHOLE RIMS, WATER VALVE BOXES, UTILITY BOXES AND LIDS, ETC.

CONTRACTOR SHALL PROVIDE ALL THE NECESSARY PIPE FITTINGS TO COMPLETE THE WORK.

THE ENGINEER PREPARING THESE PLANS SHALL NOT BE HELD RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THESE PLANS MUST BE REQUESTED IN WRITING AND MUST BE APPROVED BY THE ENGINEER OF RECORD.

QUANTITIES SHOWN HEREON ARE PROVIDED FOR PERMIT AND BONDING PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THEIR OWN QUANTITIES PRIOR TO BIDDING AND CONSTRUCTION. THE ENGINEER IS NOT RESPONSIBLE FOR DISCREPANCIES IN FINAL CONSTRUCTION QUANTITIES.

THE UNDERSIGNED DESIGN CIVIL ENGINEER WILL BE RESPONSIBLE FOR PROFESSIONAL INSPECTIONS
IN ACCORDANCE WITH SECTION 3317 OF THE CA BUILDING CODE.

THIS GRADING PLAN WAS PREPARED UNDER MY DIRECTION AND IS IN ACCORDANCE WITH CBC (LATEST ED.) AND CHAPTER 15.52 OF THE UPLAND MUNICIPAL CODE. THE SITE GRADING AND ALL APPLICABLE DETAILS AND PROVISIONS OF SERIES CU-E OF THE STANDARD DRAWINGS OF THE CITY OF UPLAND, WITH SERIES ED-E OF THE ENGINEERING DIRECTIVES, AND WITH ANY CITY OF UPLAND CONDITIONS OF APPROVAL CONCERNING GRADING. IN MY OPINION, ADEQUATE PROVISIONS HAVE BEEN MADE FOR THE DRAINAGE OF SURFACE WATERS FROM EACH BUILDING SITE.

MADOLE AND ASSOCIATES:

WENDELL L. IWATSURU
EXPIRES: 06-30-22

BEING A SUBDIVISION OF THE REMAINDER PARCEL AS SHOWN ON TRACT MAP NO. 11631, AS PER MAP FILED IN BOOK 158, PAGES 53 THROUGH 62, INCLUSIVE, OF MAPS, ALL WITHIN SECTION 5, TOWNSHIP 1 SOUTH, RANGE 7 WEST, SAN BERNARDINO MERIDIAN, IN THE OFFICE OF THE COUNTY RECORDER OF SAN BERNARDINO COUNTY, CALIFORNIA.

ADD 1400.00' TO ALL DESIGN ELEVATIONS ON PLANS.

START : NOVEMBER 15, 2021
FINISH : JANUARY 15, 2022

DAVE HAUGEN
(909) 730-1979

- A. ALL HEAVY CONSTRUCTION EQUIPMENT USED ON THE PROJECT SITE SHALL BE MAINTAINED IN GOOD OPERATING CONDITION, WITH ALL INTERNAL COMBUSTION, ENGINE-DRIVEN EQUIPMENT FIXED WITH INTAKE AND EXHAUST MUFFLERS THAT ARE IN GOOD CONDITION.
- B. ALL MOBILE OR FITTED NOISE PRODUCING EQUIPMENT USED ON THE PROJECT SITE THAT IS REGULATED FOR NOISE OUTPUT BY A LOCAL, STATE, OR FEDERAL AGENCY SHALL COMPLY WITH SUCH REGULATION WHILE IN THE SOURCE OF PROJECT ACTIVITY.
- C. WHERE FEASIBLE, USE ELECTRICALLY POWERED EQUIPMENT INSTEAD OF PNEUMATIC OR INTERNAL COMBUSTION POWERED EQUIPMENT.
- D. ALL STATIONARY NOISE-GENERATING EQUIPMENT SHALL BE LOCATED AS FAR AWAY AS POSSIBLE FROM NEIGHBORING PROPERTY LINES.
- E. POST SIGNS PROHIBITING UNNECESSARY IDLING OF INTERNAL COMBUSTION ENGINES.
- F. THE USE OF NOISE PRODUCING SIGNALS, INCLUDING HORNS, WHISTLES, ALARMS, AND BELLS WILL BE FOR SAFETY WARNING PURPOSES ONLY.

HERBY DECLARE THAT IN MY PROFESSIONAL OPINION, THE DESIGN OF THE IMPROVEMENTS AS SHOWN ON THESE PLANS COMPLIES WITH THE CURRENT PROFESSIONAL ENGINEERING STANDARDS AND PRACTICES. AS THE ENGINEER IN RESPONSIBLE CHARGE OF THE DESIGN OF THESE IMPROVEMENTS, I ACCEPT FULL RESPONSIBILITY FOR SUCH DESIGN. I UNDERSTAND AND AGREE THAT I AM NOT PROVIDING ANY DESIGN OR CONSTRUCTION SERVICES TO THE CITY OF CHANDLER FOR THE LIMITED PURPOSE OF ENSURING THAT THESE PLANS COMPLY WITH CITY STANDARDS AND OTHER APPLICABLE CODES AND ORDINANCES. THE PLAN REVIEW PROCESS IS NOT A DETERMINATION OF THE TECHNICAL ADEQUACY OF THE DESIGN OF THE IMPROVEMENTS. SUCH PLAN CHECK DOES NOT THEREFORE RELIEVE ME OF MY DESIGN RESPONSIBILITY.

AS THE ENGINEER OF RECORD, I AGREE TO DEFEND AND INDEMNIFY THE CITY OF UPLAND, ITS OFFICER, ITS AGENTS, AND ITS EMPLOYEES FROM ANY AND ALL LIABILITY, CLAIMS, DAMAGES, OR INJURIES TO ANY PERSON OR PROPERTY ARISING FROM NEGLIGENT ACT, ERRORS OR OMISSIONS OF THE ENGINEER OF RECORD, HIS EMPLOYEES, HIS AGENTS OR HIS CONSULTANTS.

SIGNATURE: _____ DATE: _____

LICENSE NUMBER: C36637

NOTE:
ALL GRADING SHALL BE PERFORMED IN ACCORDANCE
WITH THE CITY OF UPLAND'S CU-E SERIES STANDARD
DRAWINGS AND ED-E OF THE ENGINEERING DIRECTIVES.

FF=104.03	FINISHED FLOOR ELEVATION
PAD=103.36	PAD ELEVATION
CF	CURB FACE HEIGHT
ROW	RIGHT-OF-WAY
TW	TOP OF WALL ELEVATION
GF	GARAGE FLOOR ELEVATION
RM	MANHOLE RIM ELEVATION
FL	FLOW LINE
FF	FINISH FLOOR
FG	FINISH GRADE
HP	FLOW LINE HIGH POINT
GB	FINISH SURFACE
GB	GRADE BREAK
IN	INVERT
TC	TOP OF CURB
PAD	INDICATES PAD ELEVATION
TRG	TOP OF GRATE
TRW	TOP OF RETAINING WALL
TOP	TOP OF FOOTING
4"R	4 INCH RESEAL
EDF	EXTRA DEPTH FOOTING
Q	CENTERLINE
P.U.E.	PUBLIC UTILITY EASEMENT

CUT (RAW) - 16,765 CY
FILL (RAW) - 80,926 CY

NOTE:
RETAINING WALLS TO BE BUILT PER SEPARATE PLAN AND PERMIT.

NOTE:
ALL CONSTRUCTION STAKING SHALL BE PERFORMED BY A CALIFORNIA LICENSED LAND SURVEYOR. ANY REQUIRED CERTIFICATIONS SHALL BE PERFORMED AND CERTIFIED BY THE CALIFORNIA LICENSED LAND SURVEYOR.

BY APPROVING THIS PLAN, I HEREBY ACCEPT THIS GRADING PLAN & TEMPORARY EROSION CONTROL PLAN AS MEETING THE PREREQUISITE FOR ISSUANCE OF A GRADING PERMIT AND FOR RECORD PURPOSES. THIS GRADING PLAN WAS PREPARED UNDER THE DIRECTION OF A FULLY QUALIFIED PROFESSIONAL WHO HAS STATED THAT THE PLAN CONFORMS TO ALL APPLICABLE REQUIREMENTS OF THE CITY. THE DESIGN, ELEVATIONS, DETAILS AND FEATURES OF THE ONSITE GRADING HAVE NOT BEEN REVIEWED BY THE CITY, EXCEPT AS THEY RELATE TO PUBLIC IMPROVEMENTS WITHIN ADJACENT RIGHT OF WAYS AND EASEMENTS.

"AT RISK "

①—CONSTRUCT MODIFIED CURB & GUTTER TYPE A (12" CURB / 48" GUTTER PER CITY STD. PLAN NO. CU-R-2. _____

1,665 L.F.

KB HOME
36310 INLAND VALLEY DRIVE
WILDOMAR, CA 92595
CONTACT: JONATHON SIEMSEN
CELL: (714) 884-1308
OFFICE: (951) 691-5300

MADOLE AND ASSOCIATES, INC.
9302 PITTSBURGH AVENUE, SUITE 230
RANCHO CUCAMONGA, CA. 91730
CONTACT: MARK BERTONE
PHONE: (909) 481-6322

THE BEARING OF N89°58'31"E ALONG THE CENTERLINE OF 15TH STREET, AS SHOWN ON TRACT MAP No. 11631, AS PER M.B. 158 / 53-62, INCLUSIVE, OF MAPS, RECORDS OF THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, WAS USED AS THE BASIS OF BEARINGS FOR THIS MAP.

SHEET 1	_____	TITLE SHEET
SHEET 2	_____	ROUGH GRADING SECTIONS
SHEET 3-6	_____	ROUGH GRADING SHEETS
SHEET 7-10	_____	EROSION CONTROL

WDID: 8 36C395058

CITY OF UPLAND
TRACT NO. 20245
ROUGH GRADING PLAN
TITLE SHEET

PROJECT	TM20245
	1
OF 10 SHEETS	
DRAWING NO.	GP 21-08

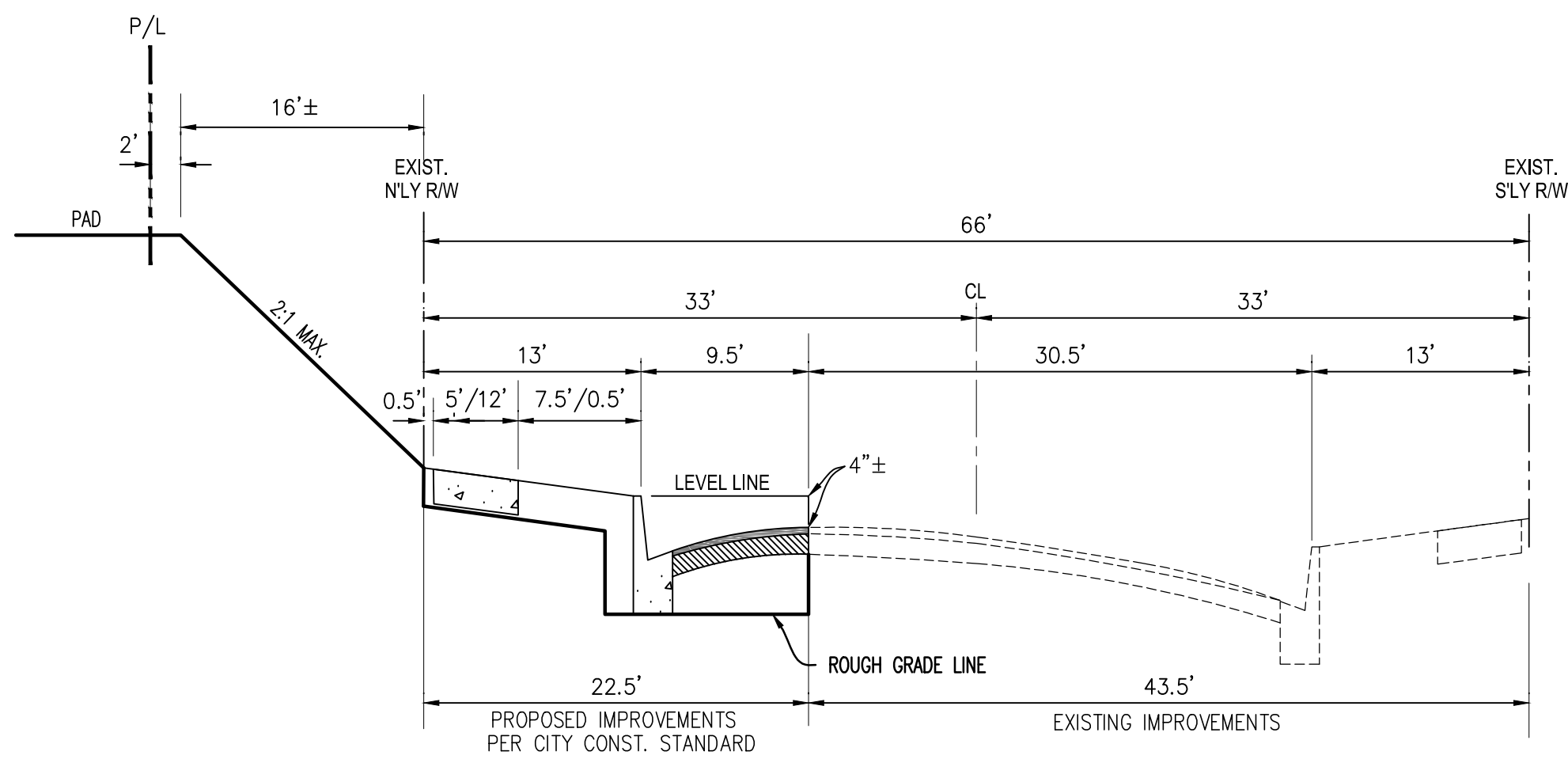
Underground Service Alert



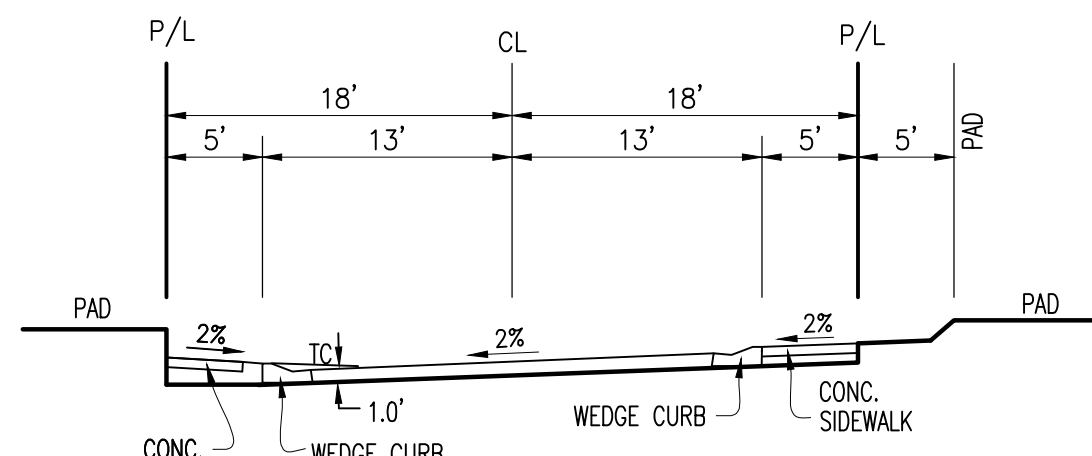
CALL
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TWO WORKING DAYS BEFORE YOU DIG

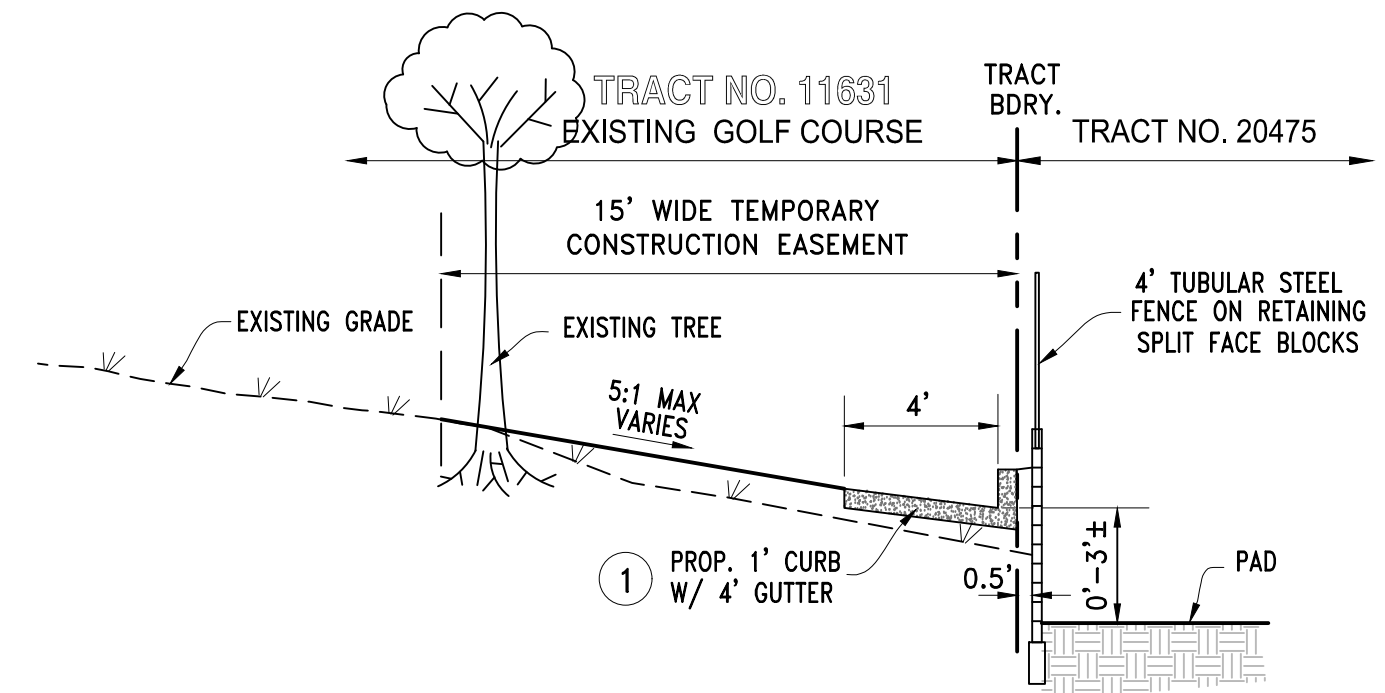
CITY OF UPLAND BENCH MARK NO. 9D-86	REVISIONS						Prepared Under The Supervision Of :  9302 PITTSBURGH AVE., SUITE 230 RANCHO CUCAMONGA, CA. 91730 PHONE: 909.4816322 FAX: 909.4816320  WENDELL L. IWATSURU RCE 36637 DATE: _____			DRAWN BY:	APPROVAL BY:		CITY OF UPLAND TRACT NO. 20245 ROUGH GRADING PLAN TITLE SHEET			PROJECT TM20245
DESCRIPTION: 2" CITY OF UPLAND BRASS DISC SET IN THE NORTHWEST CORNER OF A PCC CATCH BASIN, 64' N/O C/L 15th STREET AND 35' W/O O/L CAMPUS AVENUE.	MARK	DATE	BY	DESCRIPTION	DATE	APP'VD	DESIGNED BY:	PUBLIC WORKS DIRECTOR: _____ DATE: _____ RCE: 56306 EXP DATE: 12-31-22		1 OF 10 SHEETS DRAWING NO. GP 21-08						
							CHECKED BY: _____ WLI	RECOMMENDED BY: _____	RECOMMENDED BY: _____							
							RECOMMENDED BY: _____	ENGINEERING STAFF	LAND DEVELOPMENT & TRANSPORTATION							
DATE: 1986 ELEV.: 1425.286'							WENDELL L. IWATSURU RCE 36637 DATE: _____									



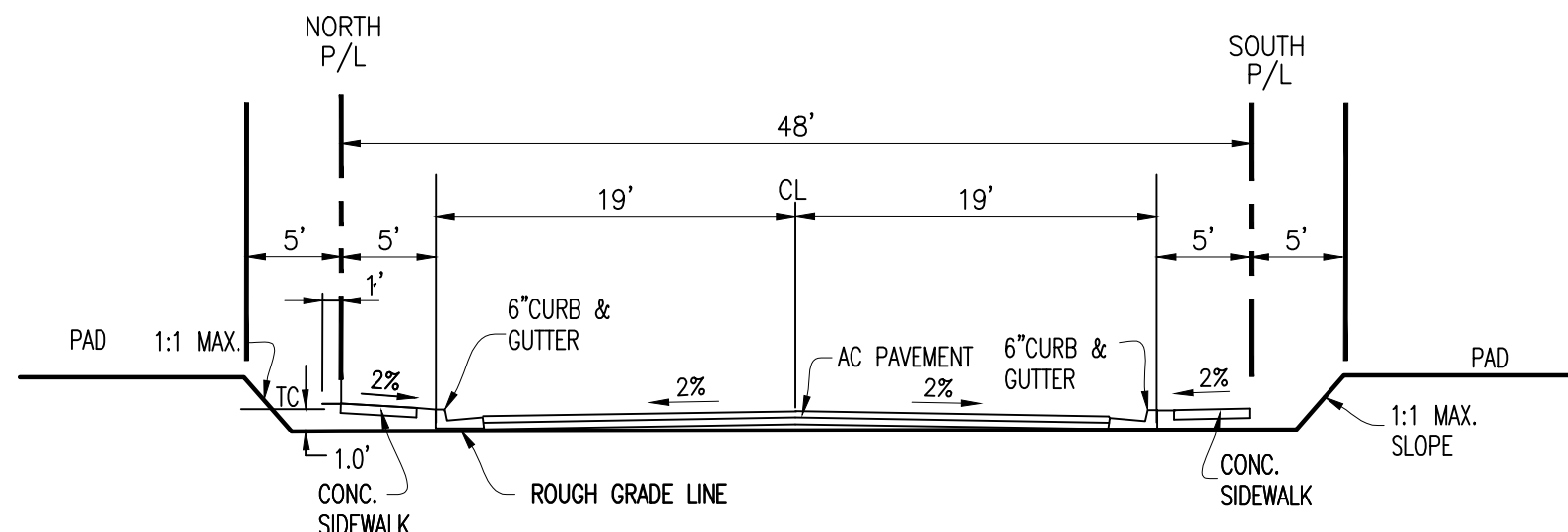
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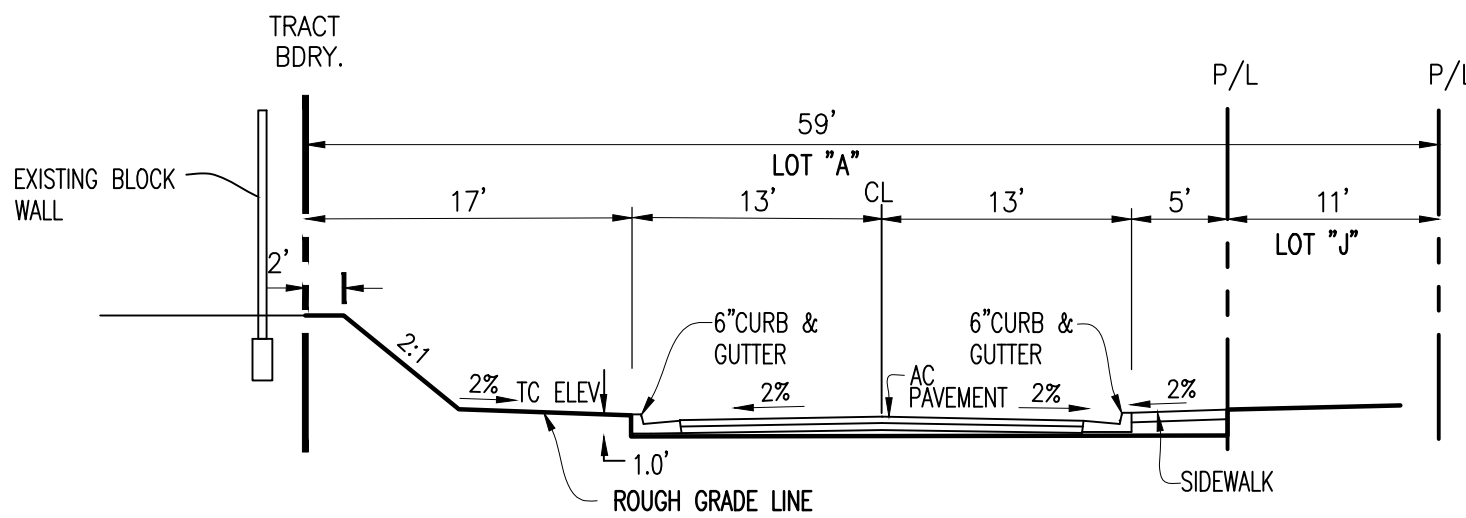
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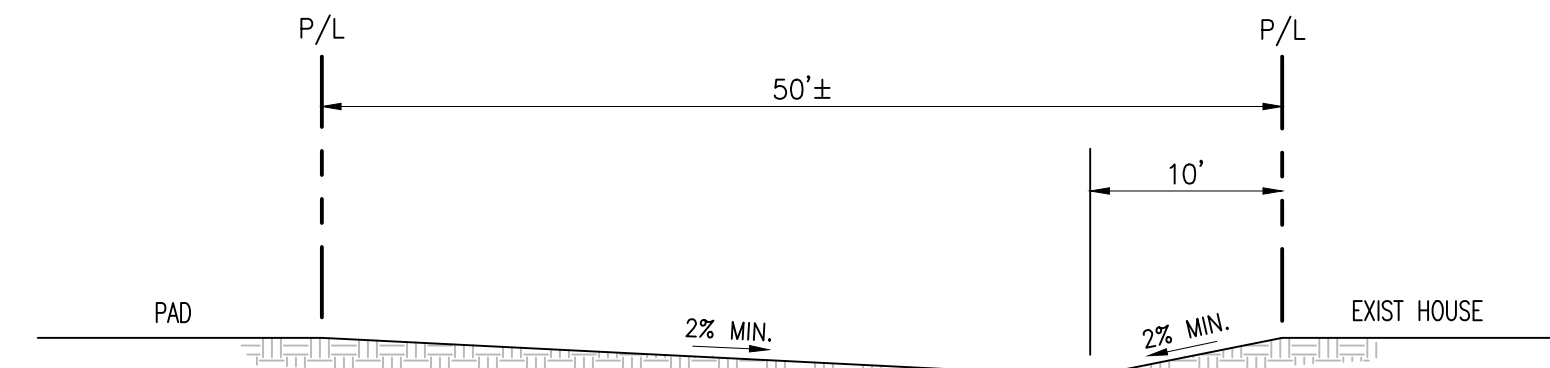
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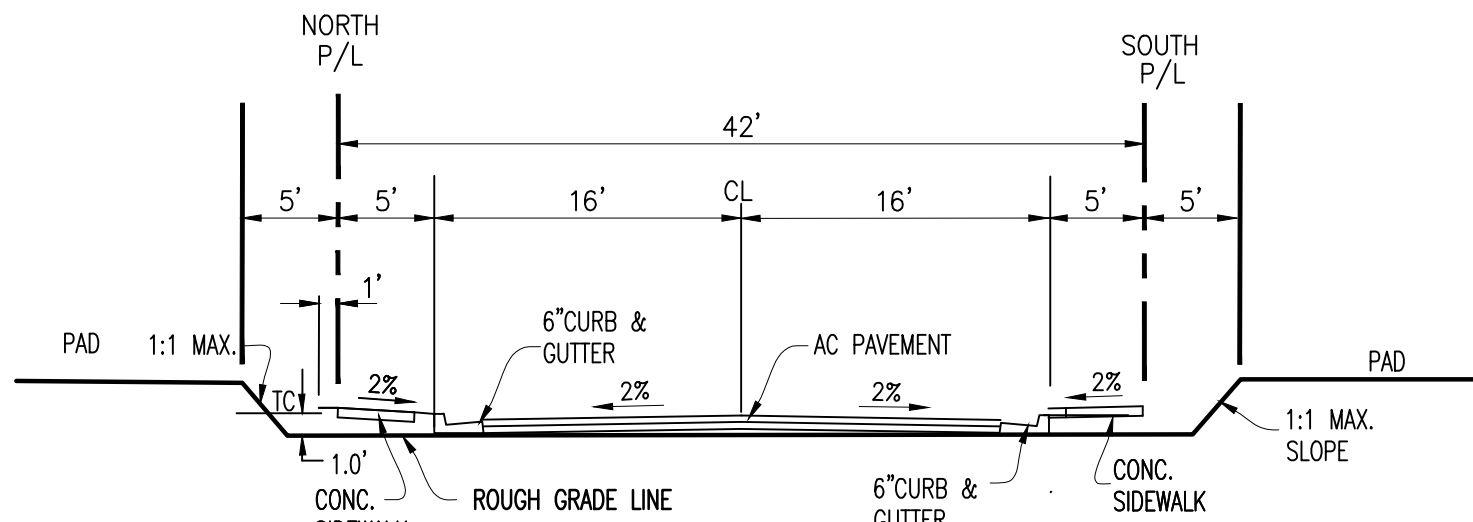
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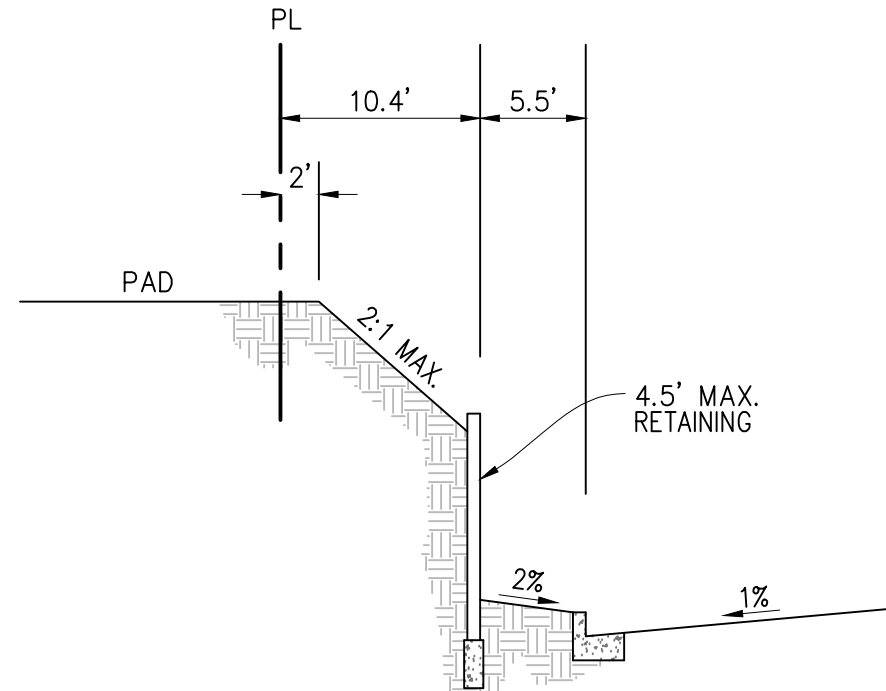
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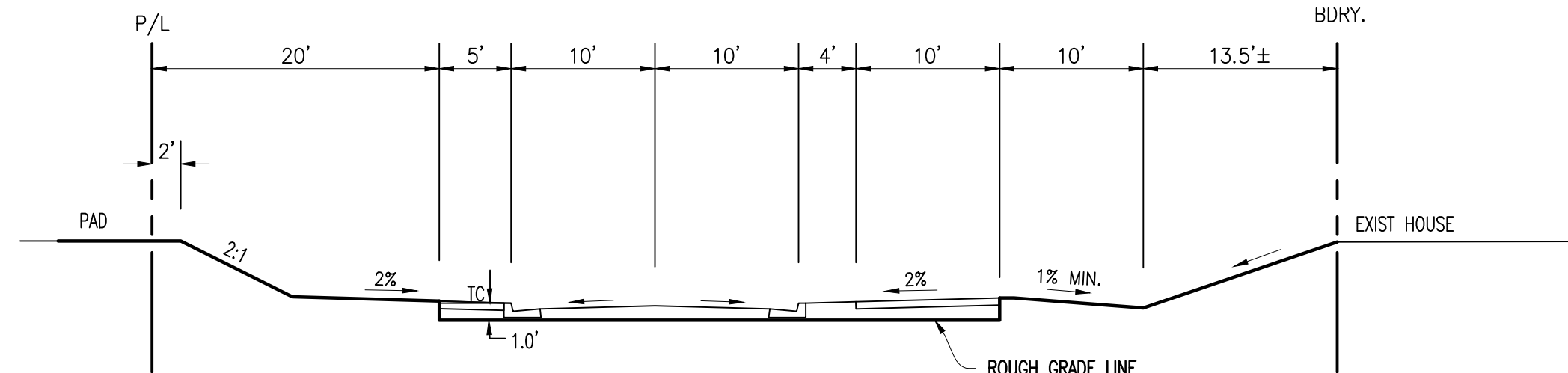
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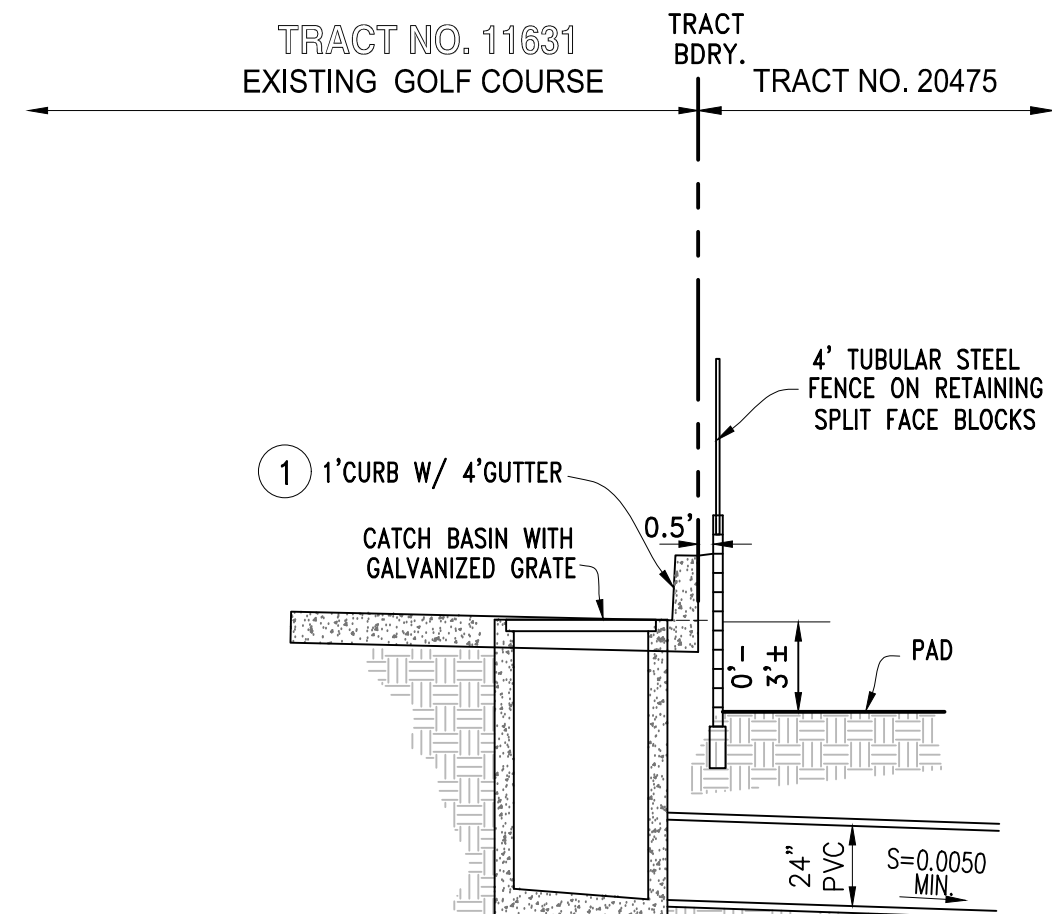
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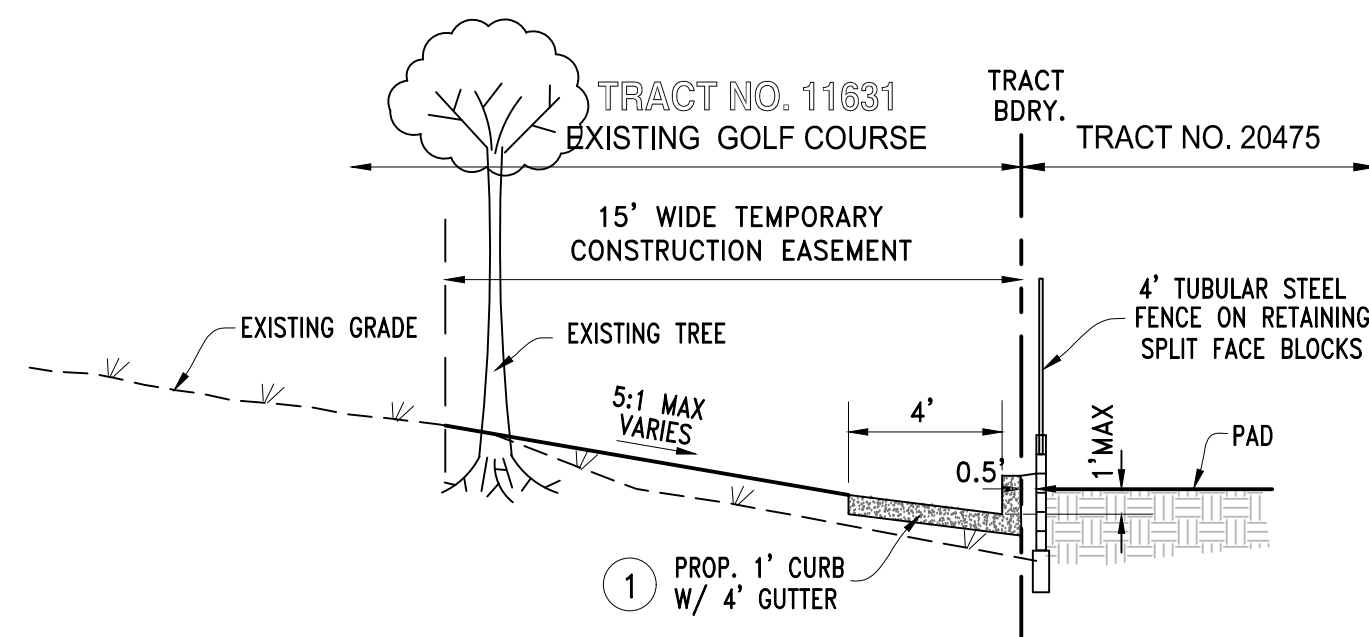
SECTION "F-F"
SCALE 1"=10' HORIZ.
SCALE 1"=5' VERT.



SECTION "I-I"
NO SCALE



SECTION "L-L"
NOT TO SCALE



SECTION "K-K"
SCALE: 1"=10'

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TWO WORKING DAYS BEFORE YOU DIG

CITY OF UPLAND BENCH MARK NO. 9D-86
DESCRIPTION:
2" CITY OF UPLAND BRASS DISC SET IN
THE NORTHWEST CORNER OF A PCC
CATCH BASIN, 64" N/O C/L 15th STREET AND
35" W/O C/L CAMPUS AVENUE.
DATE: 1986
ELEV: 1425.286'

REVISIONS					
MARK	DATE	BY	DESCRIPTION	DATE	APP'VD

Prepared Under The Supervision Of:
MADOLE & ASSOCIATES, INC.
Engineering Communities for Life
9302 PITTSBURGH AVE, SUITE 230
RANCHO CUCAMONGA, CA 91730
PHONE: 909-481-6322
FAX: 909-481-6320
WENDELL L. IWATSURU RCE 36637 DATE:



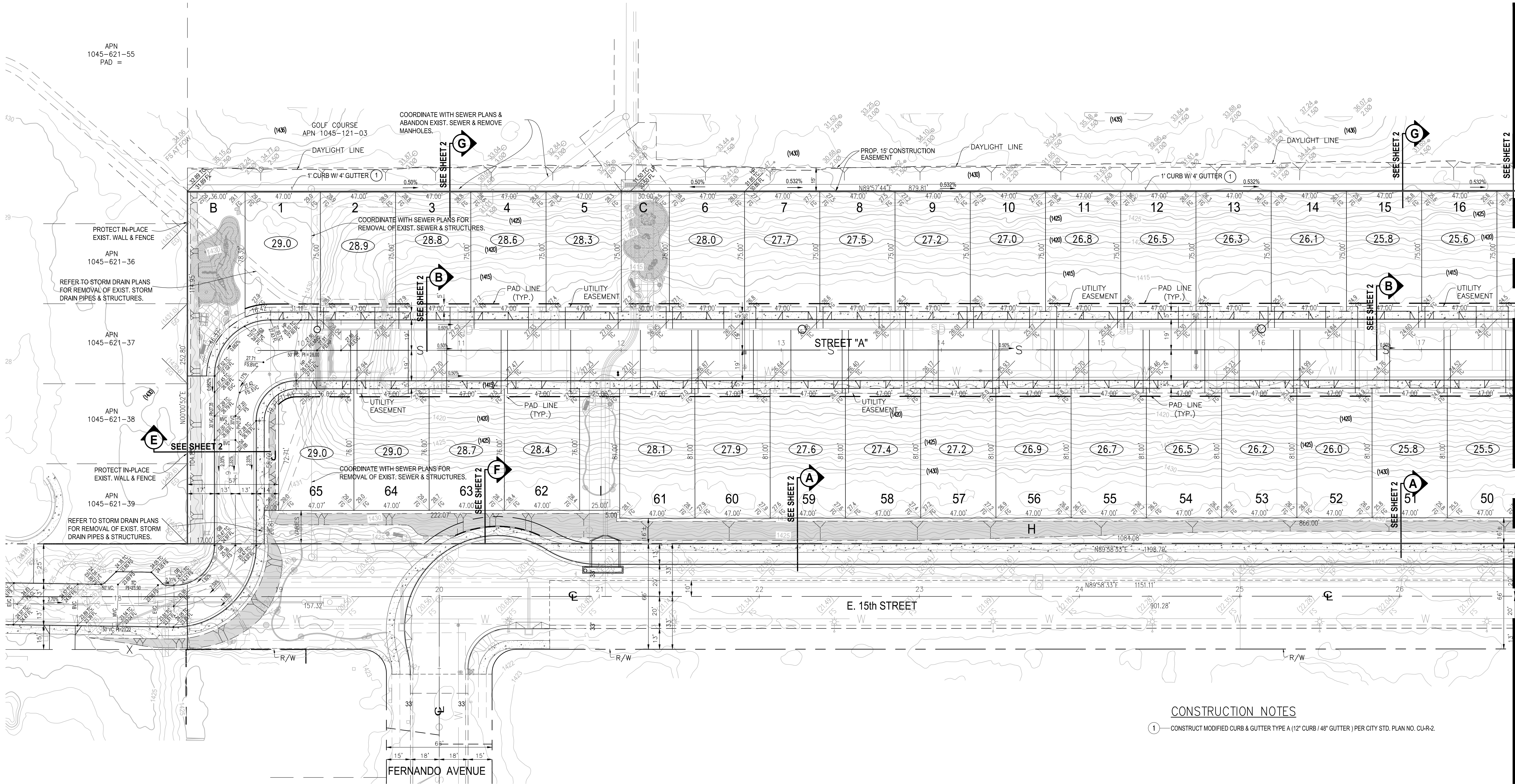
DRAWN BY:	APPROVAL BY:
DESIGNED BY:	PUBLIC WORKS DIRECTOR: BRADEN YU DATE:
CHECKED BY: WLI	RCE: 56306 EXP DATE: 12-31-22
RECOMMENDED BY:	RECOMMENDED BY:
ENGINEERING STAFF	LAND DEVELOPMENT & TRANSPORTATION

CITY OF UPLAND
TRACT NO. 20245
ROUGH GRADING PLAN
SECTIONS AND DETAILS

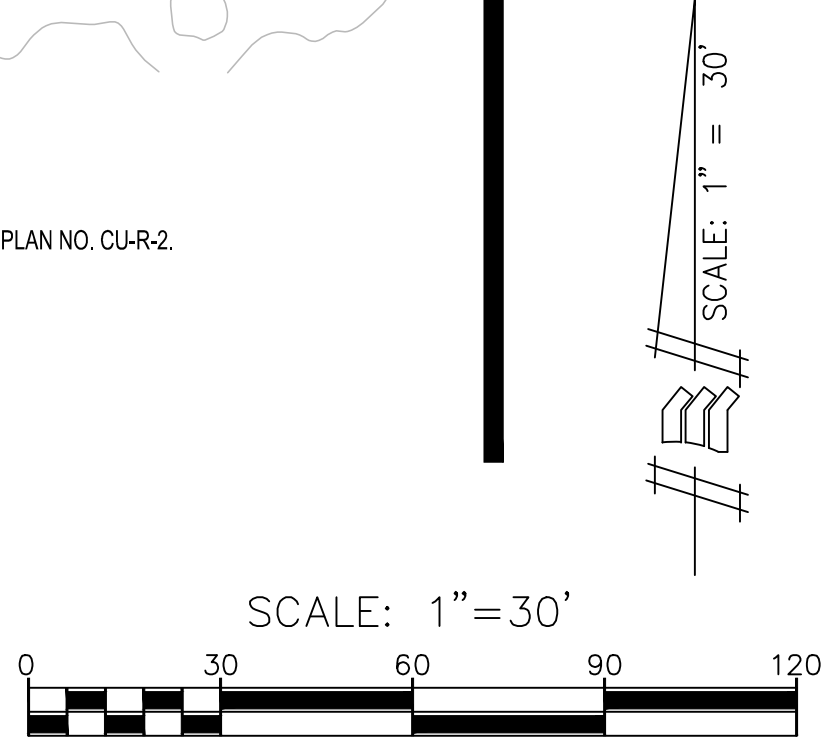
PROJECT TM20245
2
OF 10 SHEETS
DRAWING NO. GP 21-08

WDID: 8 36C395058

PROJECT NO.: 652-2898 TRACT NO. 20245 PLAN NO. GP 21-08 NOT FOR CONSTRUCTION



CONSTRUCTION NOTES
① — CONSTRUCT MODIFIED CURB & GUTTER TYPE A (12" CURB / 48" GUTTER) PER CITY STD. PLAN NO. CLR-2.

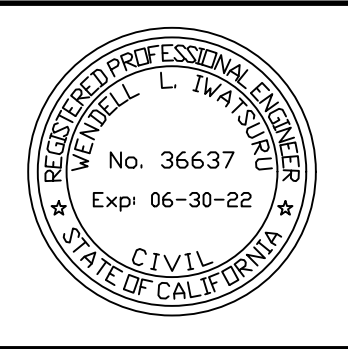


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TWO WORKING DAYS BEFORE YOU DIG

CITY OF UPLAND BENCH MARK NO. 9D-86
DESCRIPTION:
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35" W/O C/L CAMPUS AVENUE.
DATE: 1986
ELEV: 1425.286'

REVISIONS					
MARK	DATE	BY	DESCRIPTION	DATE	APP'VD

Prepared Under The Supervision Of:
MADOLE & ASSOCIATES, INC.
9302 PITTSBURGH AVE, SUITE 230
RANCHO CUCAMONGA, CA 91730
PHONE: 909-481-6322
FAX: 909-481-6320
Engineering Communities for Life
WENDELL L. IWATSURU RCE 36637 DATE:



DRAWN BY:	APPROVAL BY:	
DESIGNED BY:	PUBLIC WORKS DIRECTOR: BRADEN YU DATE:	
CHECKED BY: WLI	RECOMMENDED BY:	RECOMMENDED BY:
RECOMMENDED BY:	ENGINEERING STAFF	LAND DEVELOPMENT & TRANSPORTATION

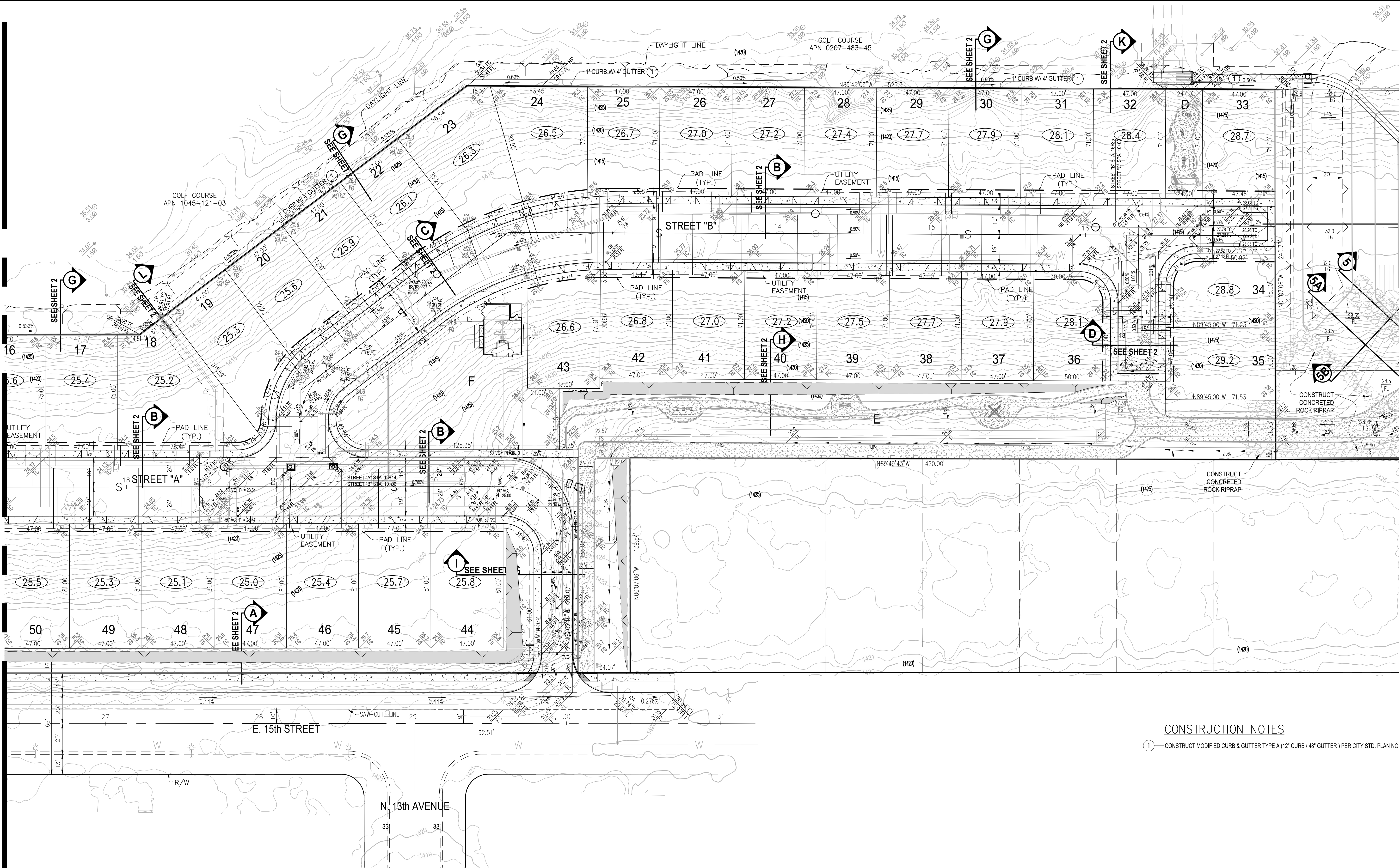
WDID: 8 36C395058
CITY OF UPLAND
TRACT NO. 20245
ROUGH GRADING PLAN

PROJECT
TM20245
3
OF 10 SHEETS
DRAWING NO.
GP 21-08

PROJECT NO.: 652-2898 TRACT NO. 20245 PLAN NO. GP 21-08 NOT FOR CONSTRUCTION

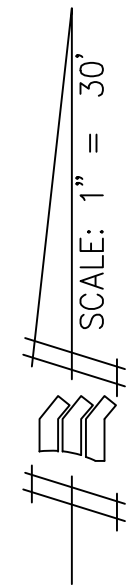
MATCH LINE - SEE SHEET 3

SEE SHEET 5

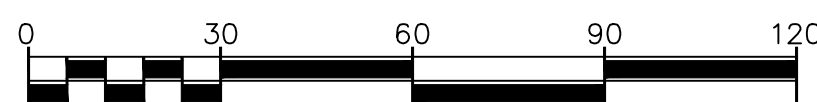


CONSTRUCTION NOTES

- 1 - CONSTRUCT MODIFIED CURB & GUTTER TYPE A (12" CURB / 48" GUTTER) PER CITY STD. PLAN NO. CU-R-2.



SCALE: 1" = 30'



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CITY OF UPLAND BENCH MARK NO. 9D-86

DESCRIPTION:
2" CITY OF UPLAND BRASS DISC SET IN
THE NORTHWEST CORNER OF A PCC
CATCH BASIN, 64" N/O CIL 15th STREET AND
35" W/O CIL CAMPUS AVENUE.

DATE: 1986
ELEV: 1425.286'

REVISIONS

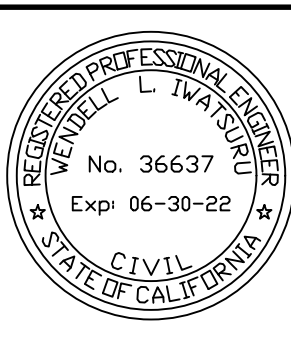
MARK	DATE	BY	DESCRIPTION	DATE	APP'D

Prepared Under The Supervision Of:

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9302 PITTSBURGH AVE., SUITE 230
RANCHO CUCAMONGA, CA 91730
PHONE: 909-481-6322
FAX: 909-481-6320
Engineering Communities for Life

WENDELL L. IWATSURU RCE 36637

DATE:



DRAWN BY:

DESIGNED BY:

CHECKED BY:

RECOMMENDED BY:

APPROVAL BY:

PUBLIC WORKS DIRECTOR: BRADEN YU

RCE: 56306 EXP DATE: 12-31-22

RECOMMENDED BY

ENGINEERING STAFF

RECOMMENDED BY

LAND DEVELOPMENT & TRANSPORTATION

WDID: 8 36C395058

CITY OF UPLAND
TRACT NO. 20245
ROUGH GRADING PLAN

PROJECT

TM20245

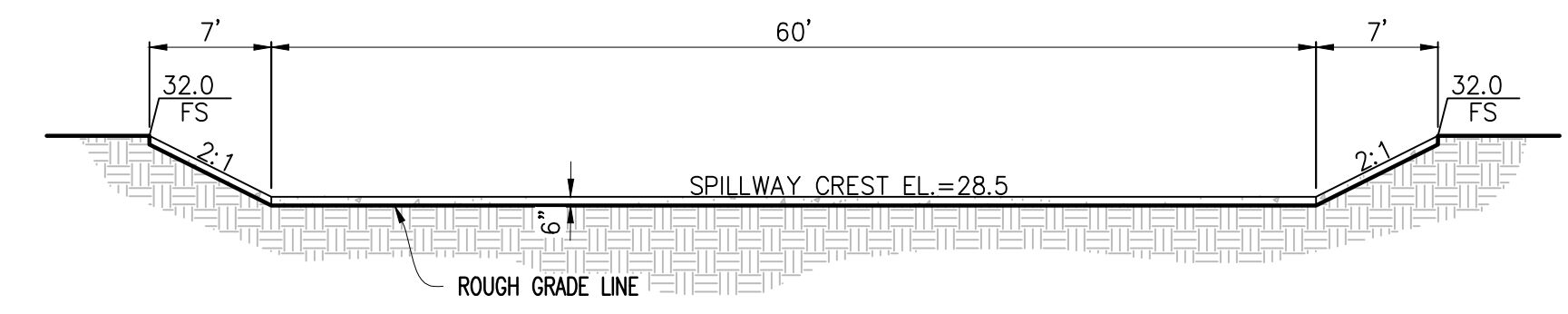
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OF 10 SHEETS

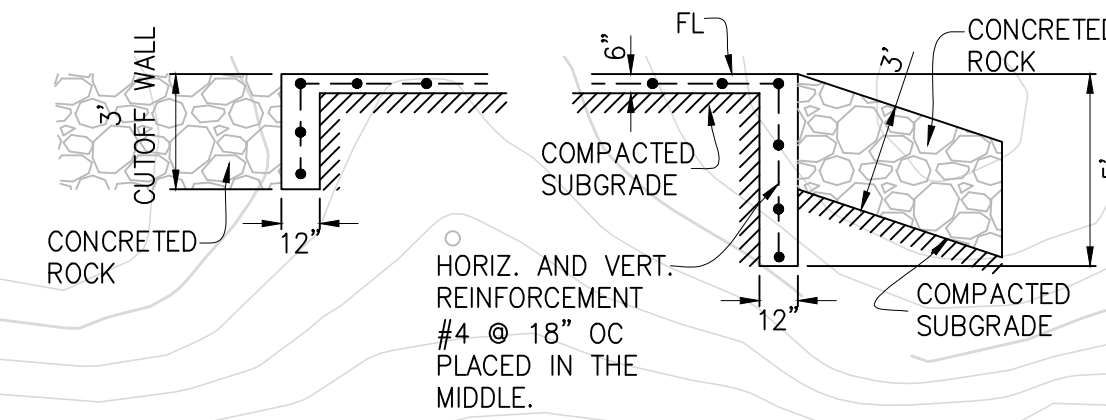
DRAWING NO.

GP 21-08

PROJECT NO. 652-2898 TRACT NO. 20245 PLAN NO. GP 21-08 NOT FOR CONSTRUCTION



SECTION "5A"
SCALE: 1"=10'



SLAB & CUTOFF DETAIL



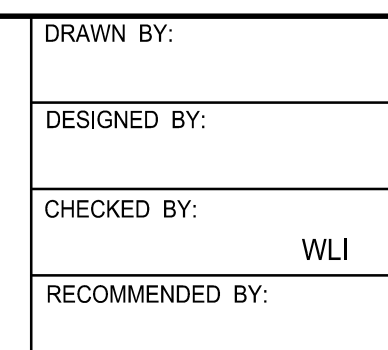
TWO WORKING DAYS BEFORE YOU DIG

Prepared Under The Supervision Of :

 **MADOLE**
& ASSOCIATES, INC.
Engineering Communities for Life

9002 PITTSBURGH AVE., SUITE 230
RANCHO CUCAMONGA, CA. 91730
PHONE: 909-4816322
FAX: 909-4816320

WENDELL L. IWATSURU RCE 36637 DATE: _____

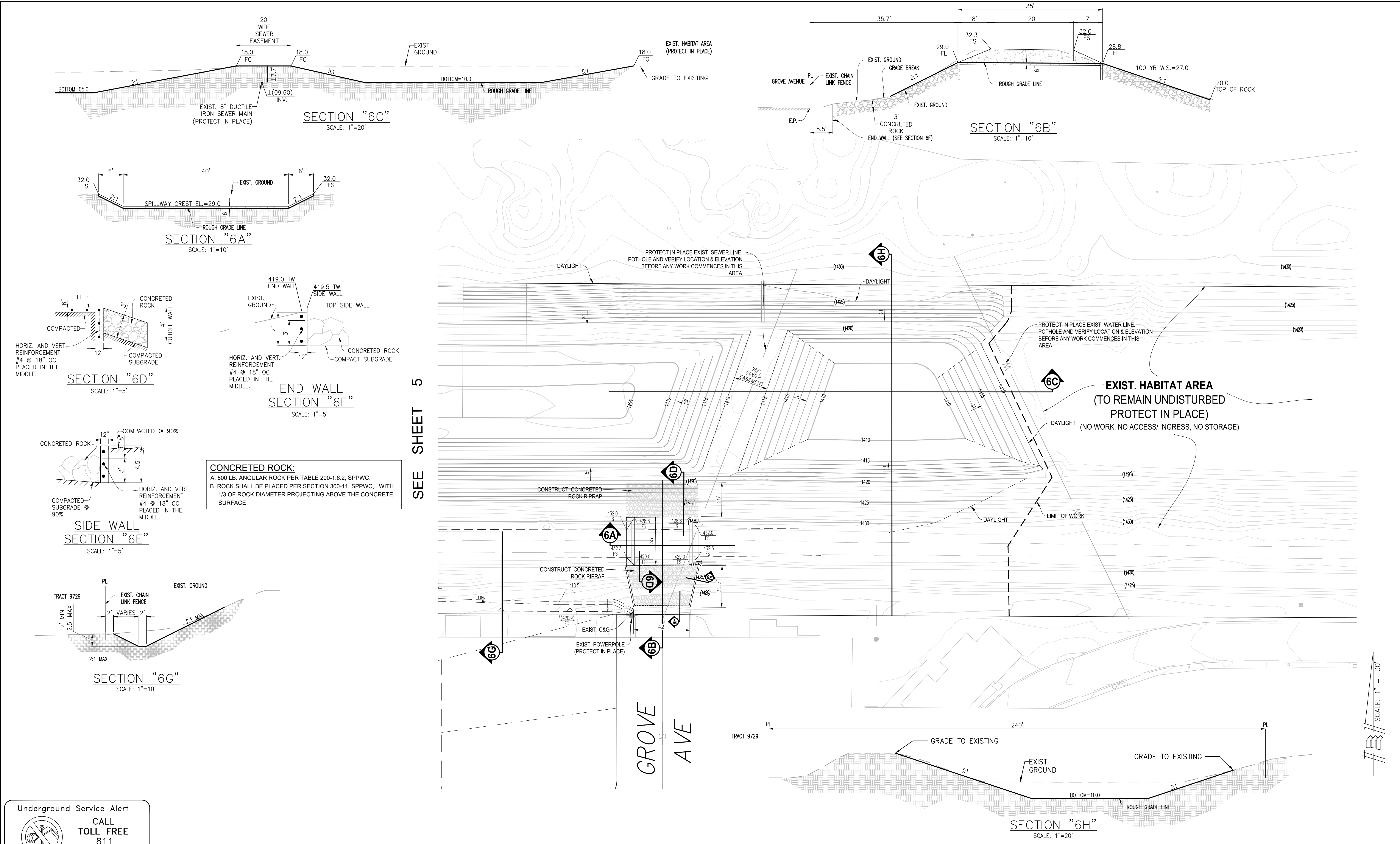


APPROVAL BY: _____	
PUBLIC WORKS DIRECTOR: BRADEN YU RCE: 56306 EXP DATE: 12-31-22	DATE _____
RECOMMENDED BY _____	RECOMMENDED BY _____
ENGINEERING STAFF _____	LAND DEVELOPMENT & TRANSPORTATION _____

PROJECT	TM20245
5	
OF 10 SHEETS	
DRAWING NO.	GP 21-08

WDID: 8 36C395058

PROJECT NO. 652-2898 TRACT NO. 20245 PLAN NO. GP 21-08 **NOT FOR CONSTRUCTION**



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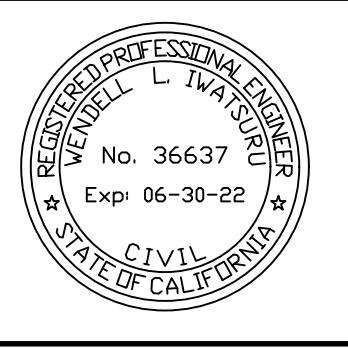
Prepared Under The Supervision Of:

**MADOLE & ASSOCIATES, INC.**
Engineering Communities for Life

9302 PITTSBURGH AVE, SUITE 230
RANCHO CUCAMONGA, CA 91730
PHONE: 909-4816322
FAX: 909-4816320

WENDELL L. IWATSURU RCE 36637

DATE: _____



DRAWN BY:		APPROVAL BY:	
DESIGNED BY:		PUBLIC WORKS DIRECTOR: BRADEN YU	DATE: _____
CHECKED BY:	WLI	RCE: 56306 EXP DATE: 12-31-22	
RECOMMENDED BY:		RECOMMENDED BY	RECOMMENDED BY
		ENGINEERING STAFF	LAND DEVELOPMENT & TRANSPORTATION

WDID: 8 36C395058

CITY OF UPLAND
TRACT NO. 20245
ROUGH GRADING PLAN

PROJECT
TM20245
6
OF 10 SHEETS
DRAWING NO.
GP 21-08

PROJECT NO.: 652-2898 TRACT NO.: 20245 PLAN NO. GP 21-08 NOT FOR CONSTRUCTION

1. IN THE CASE OF EMERGENCY, CALL DAVE HAUGEN AT WORK PHONE NUMBER (909) 730-1979.
2. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
3. EROSION CONTROL DEVICES SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE CITY INSPECTOR.
4. ALL REMOVABLE EROSION PROTECTIVE DEVICES SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE 5-DAY RAIN PROBABILITY FORECAST EXCEEDS 40%.
5. AFTER A RAINSTORM, ALL SILT AND DEBRIS SHALL BE REMOVED FROM STREETS, CHECK BERMS AND BASINS.
6. GRADED AREAS ON THE PERMITTED AREA PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPES AT THE CONCLUSION OF EACH WORKING DAY. DRAINAGE IS TO BE DIRECTED TOWARD DESILTING FACILITIES.
7. THE PERMITTEE AND CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
8. THE PERMITTEE AND CONTRACTOR SHALL INSPECT THE EROSION CONTROL WORK AND INSURE THAT THE WORK IS IN ACCORDANCE WITH THE APPROVED PLANS.
9. ANY SLOPES WITH UNDISTURBED SOILS OR DENUDED VEGETATION MUST BE STABILIZED TO INHIBIT EROSION BY WIND AND WATER.
10. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEP UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
11. CONSTRUCTION SITES SHALL BE MAINTAINED BY IMPLEMENTATION OF BEST MANAGEMENT PRACTICES (BMP) IN SUCH A MANNER THAT POLLUTANTS ARE NOT DISCHARGED FROM THE SITE TO THE MAXIMUM EXTENT PRACTICABLE.
12. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEETFLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE OR WIND.
13. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND AND WATER.
14. FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
15. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC RIGHT-OF-WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
16. ALL NON-STORMWATER DISCHARGES, UNLESS EXCEPTED OR AUTHORIZED BY AN NPDES PERMIT, REQUIRE PRIOR APPROVAL BY THE STATE WATER RESOURCES CONTROL BOARD.
17. TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.

- A. THE QSP/CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE BMPs. THE CONTRACTOR SHALL MAKE NECESSARY ADJUSTMENTS TO THE BMPs TO PREVENT THE DISCHARGE OF ANY POLLUTANTS. ALL ADJUSTMENTS SHALL BE RECORDED AS AMENDMENTS AND/OR LISTED AS MAINTENANCE IN THE SWPPP AND SHOWN ON THIS PLAN.
- B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE CONDITIONS.
- C. THE STORM WATER QSP SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION AND COMPLIANCE OF THE S.W.P.P.P.
- D. THIS EROSION CONTROL & BMP PLAN SHALL BE MADE PART OF THE SWPPP. BOTH THE SWPPP AND THIS PLAN SHALL BE ACCESSIBLE ONSITE AT ALL TIMES.
- E. THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD GENERAL PERMIT SHALL BE MADE A PART OF THE S.W.P.P.P.
- F. THE CONTRACTOR/QSP SHALL BE RESPONSIBLE TO IMPLEMENT EFFECTIVE WIND EROSION CONTROL. DISCHARGERS SHALL PROVIDE EFFECTIVE SOIL COVER FOR INACTIVE AREAS AND ALL FINISHED SLOPES, OPEN SPACES, UTILITY BACKFILL, AND COMPLETED LOTS.
- G. THE CONTRACTOR/QSP SHALL IMPLEMENT GOOD HOUSEKEEPING MANAGEMENT AND PROCEDURES FOR ALL CONSTRUCTION MATERIALS, STORAGE AREAS, WASTE MANAGEMENT AND AREAS, VEHICLE STORAGE AND MAINTENANCE MANAGEMENT AND AREAS, LANDSCAPE MATERIALS, ETC.
- H. THE CONTRACTOR/QSP SHALL IMPLEMENT GOOD HOUSEKEEPING MANAGEMENT AND PROCEDURES FOR THE CONTROL OF ALL AIR DEPOSITION OF SITE MATERIALS AND FROM SITE OPERATIONS INCLUDING BUT NOT LIMITED TO, SEDIMENTS, NUTRIENTS, TRASH, METALS, BACTERIA OIL AND GREASE, AND ORGANICS.
- I. "ALL LOOSE SOIL AND DEBRIS WHICH MAY CREATE A POTENTIAL HAZARD TO OFFSITE PROPERTY SHALL BE REMOVED FROM THE SITE."
- J. ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM.
- K. THE DETENTION BASIN SHALL BE SECURED WITH A TEMPORARY FENCE WHENEVER THE DEPTH OF WATER EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED OR PUMPED DRY WITHIN 24 HOURS AFTER EACH RAINSTORM.
- L. "THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION DAMAGE WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE SITE QSP.
- M. "DESILTING BASINS MAY NOT BE REMOVED OR MADE IN-OPERABLE BETWEEN NOVEMBER 1 TO APRIL 15 WITHOUT PRIOR APPROVAL OF THE FIELD ENGINEER."
- N. EROSION CONTROL DEVICES WILL BE MODIFIED AS NEEDED AS THE PROJECT PROGRESSES, AND PLANS OF THESE CHANGES SUBMITTED FOR APPROVAL AS REQUIRED.

Underground Service Alert

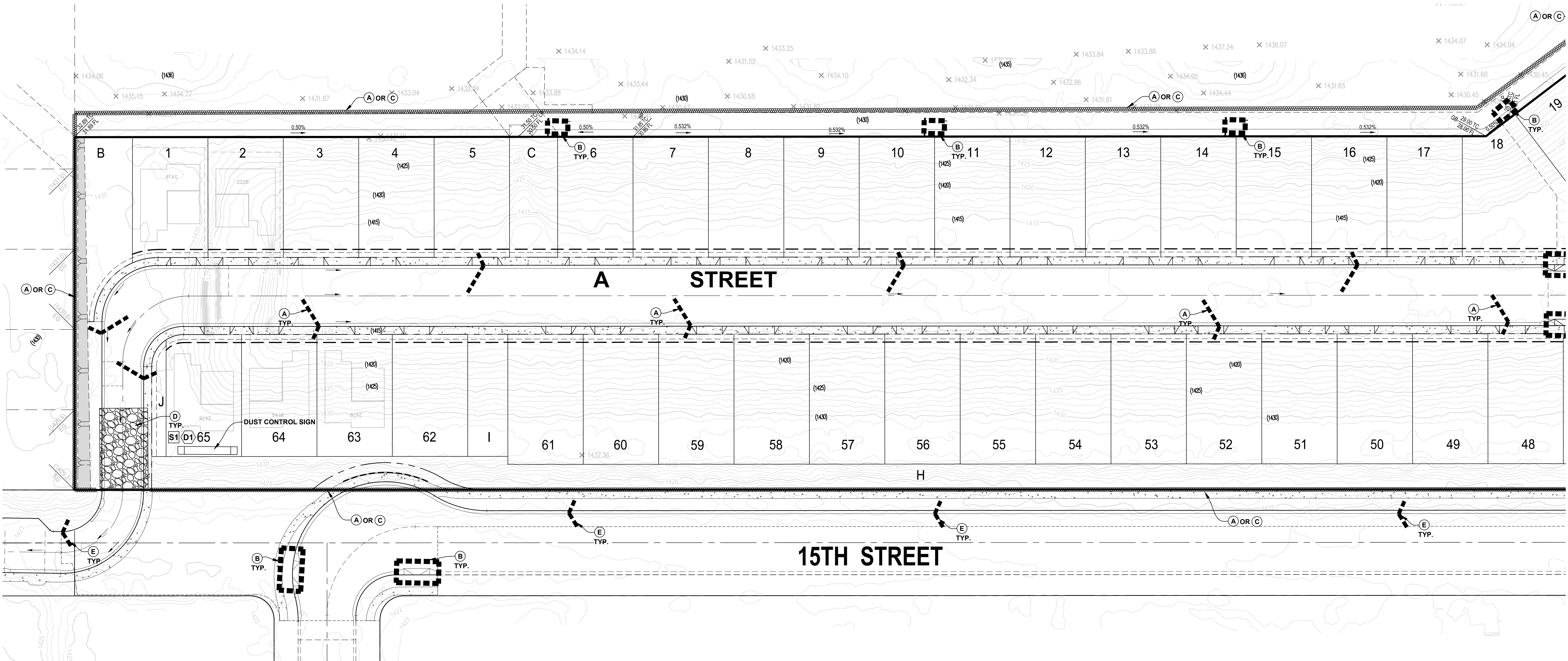


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WO WORKING DAYS BEFORE YOU DIG

[illegible]

DAVE HAUGEN
(909) 730-1979



SEE SHEET 9

TYPICAL GRAVEL BAG GUTTER DETAIL (SE-8)
N.T.S.

SECTION Y-Y
N.T.S.

TYPICAL GRAVELBAG DETAIL
N.T.S.

GRAVELBAG DETAIL (SE-8)
N.T.S.

SECTION B-B
N.T.S.

SECTION B-B
N.T.S.

SECTION B-B
N.T.S.

LEGEND:

- PROPOSED GRAVELBAGS (POLY GRAVEL BAGS)
- COARSE AGGREGATE
- INLET PROTECTION
- INDICATES 6 FT. HIGH CHAIN LINK FENCE.
- PROPOSED FIBER ROLL
- TEMPORARY BMP BONDED FIBER MATRIX (BFM)
- STORM WATER SAMPLE LOCATION
- LOCATION OF POSSIBLE RUN-ON
- SITE DISCHARGE LOCATION
- NON-VISIBLE POLLUTANT - SAMPLE LOCATION
- PROPERTY LINE
- RIGHT OF WAY
- PROPOSED
- TYPICAL
- SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT

EROSION CONTROL CONSTRUCTION NOTES:

- (A) — INSTALL GRAVEL BAGS PER DETAIL A.
- (B) — INSTALL GRAVEL BAGS WITH INLET PROTECTION AS SHOWN ON DETAIL B.
- (C) — INSTALL FIBER ROLL PER DETAIL C OR SILT FENCE PER DETAIL F
- (D) — CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE PER DETAIL D OR A RATTLE PLATE SYSTEM (SIZE DETERMINED DURING CONSTRUCTION TO SATISFACTION OF INSPECTORS).
- (E) — INSTALL GRAVEL BAGS PER DETAIL E.
- (F) — INSTALL/APPLY WIND PROTECTION AS NEEDED PER WE-1.
- (G) — STREET SWEEPING PER SE-7.

Underground Service Alert
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TWO WORKING DAYS BEFORE YOU DIG

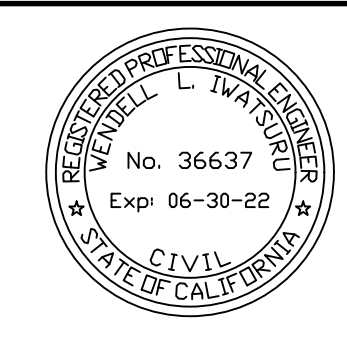
REVISIONS					
MARK	DATE	BY	DESCRIPTION	DATE	APP'D

Prepared Under The Supervision of:

MADOLE & ASSOCIATES, INC.
Engineering Communities for Life

3002 PITTSBURGH AVE., SUITE 230
RANCHO CUCAMONGA, CA 91730
PHONE: 909/4818022 FAX: 909/4818320

WENDELL L. IWATSURU RCE 38637 DATE: _____



DRAWN BY: A.M.
DESIGNED BY: A.M.
CHECKED BY: M.B.
RECOMMENDED BY: _____

APPROVAL BY: _____
PUBLIC WORKS DIRECTOR: BRADEN YU
RCE: 56306 EXP DATE: 12-31-22
RECOMMENDED BY: _____
ENGINEERING STAFF: _____
LAND DEVELOPMENT & TRANSPORTATION: _____

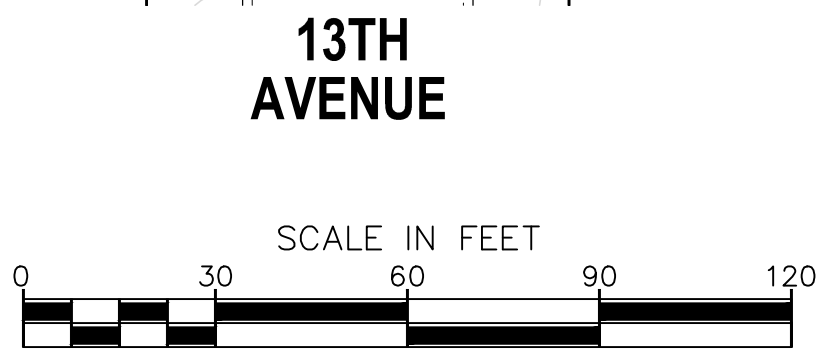
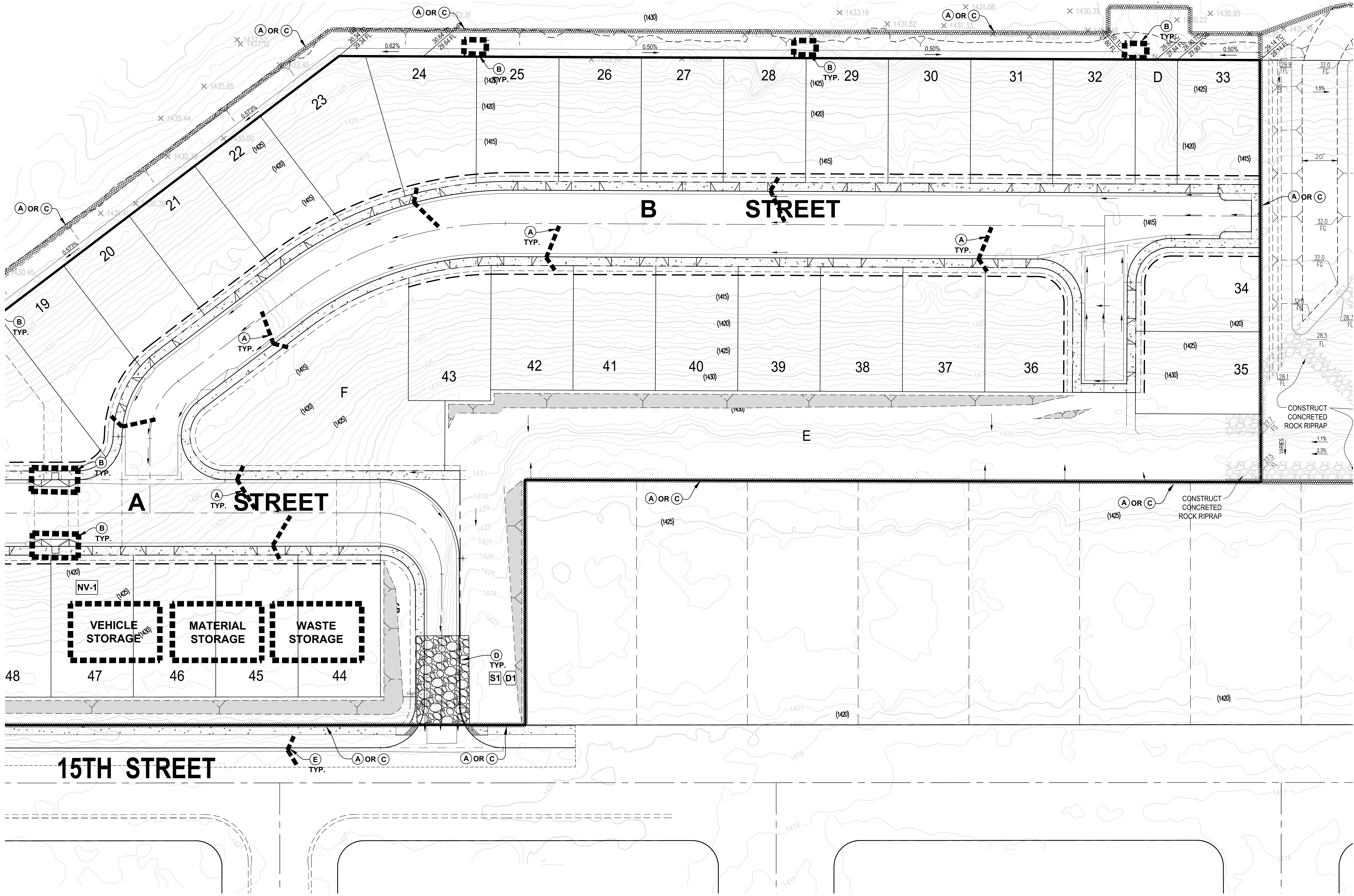
CITY OF UPLAND
TRACT NO. 20245
EROSION CONTROL PLAN
PLAN SHEET

WDID: 8 36C395058

EC-02

PROJECT: TM20245
OF 10 SHEETS
DRAWING NO.: GP 21-08
PROJECT NO.: 652-2898 / Grading/RG

SEE SHEET 8



EROSION CONTROL CONSTRUCTION NOTES:

- (A) — INSTALL GRAVEL BAGS PER DETAIL A.
(B) — INSTALL GRAVEL BAGS WITH INLET PROTECTION AS SHOWN ON DETAIL B.
(C) — INSTALL FIBER ROLL PER DETAIL C OR SILT FENCE PER DETAIL F
(D) — CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE PER DETAIL D OR A RATTLE PLATE SYSTEM (SIZE DETERMINED DURING CONSTRUCTION TO SATISFACTION OF INSPECTORS).
(E) — INSTALL GRAVEL BAGS PER DETAIL E.
(F) — INSTALL/APPLY WIND PROTECTION AS NEEDED PER WE-1.
(G) — STREET SWEEPING PER SE-7.

GRAVEL BAG SPACING TABLE	
STREET GRADE	INTERVAL
0% - 2%	200'
2% - 4%	100'
4% - 10%	50'

SLOPE PROTECTION AT TOE AND FACE OF SLOPE

TABLE 1-CRITICAL SLOPE/ SHEET FLOW LENGTH COMBINATIONS	
SLOPE PERCENTAGE	SHEET FLOW LENGTH NOT TO EXCEED
0% - 25%	20'
20% - 50%	15'
OVER 50%	10'

SEE SHEET 10

ATTACHMENT 8

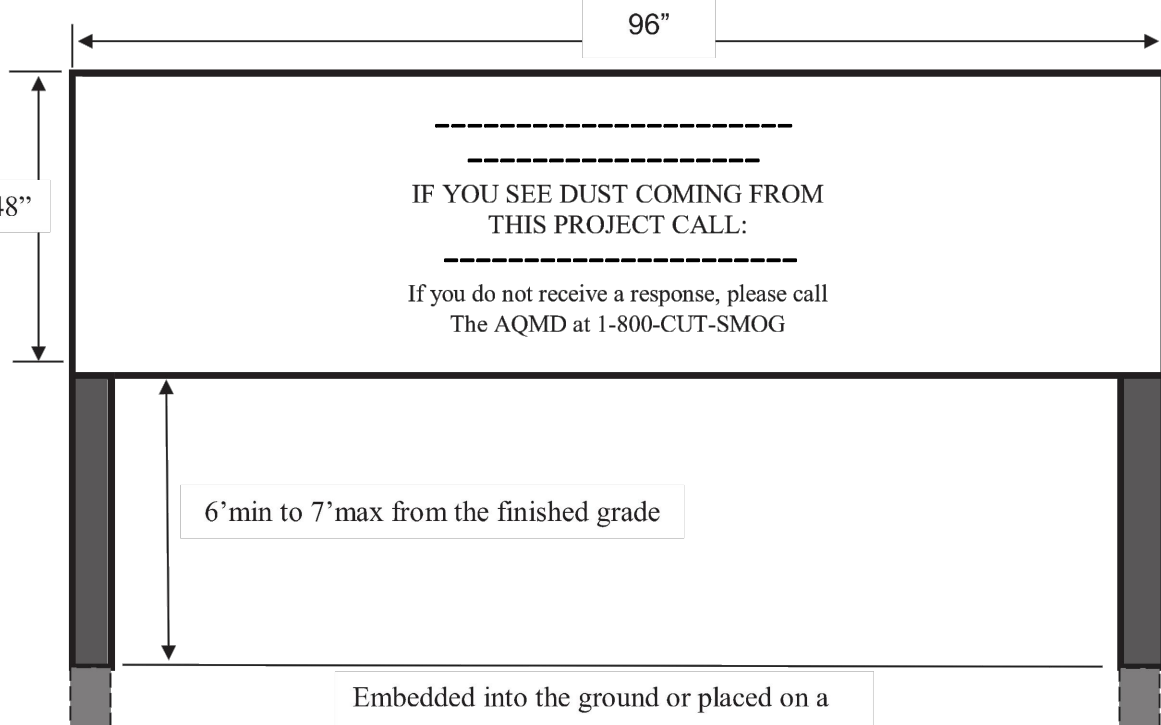
Prior to obtaining a permit for clearing and grubbing, stockpile, or rough grading, the applicant shall install a dust control sign on the property as indicated below. After installation of signage, inspection will be required. If you have any questions, please contact Michael Frasure "Department Inspection Supervisor" at (909) 477-2710 ext. 4217.

GENERAL INFORMATION

- 1) Sign thickness should be 5/8 or 3/4 inch CDX laminated plywood board, overall size of 48"x96" (4 feet by 8 feet).
- 2) Signage must be located within 50 feet of each project site entrance.
- 3) One sign is sufficient for multiple site entrances located within 300 yards of each other.
- 4) Text height shall be at a minimum as shown on right side of sign template below.
- 5) Sign background must contrast with lettering. Typically, black text with white background.
- 6) The lower edge of the board must be a minimum of 6 feet and a maximum of 7 feet above grade.
- 7) The telephone number listed for the contact must be a local or a toll-free number and shall be accessible 24 hours per day.

EXAMPLE OF SIGNAGE

SIGNAGE INFORMATION		LETTERING SIZE
Empty Space		
KB HOME		3"
Project Name/Tract No. 20245		4"
IF YOU SEE DUST COMING FROM		4"
THIS PROJECT CALL:		4"
DAVE HAUGEN (909) 730-1979		6"
If you do not receive a response, please call		3"
The AQMD at 1-800-CUT-SMOG		3"
Empty Space		3"



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LEGEND:

- PROPOSED GRAVEL BAGS (POLY GRAVEL BAGS)
--- COARSE AGGREGATE
[INLET] INLET PROTECTION
X INDICATES 6 FT. HIGH CHAIN LINK FENCE.
--- PROPOSED FIBER ROLL
--- TEMPORARY BMP BONDED FIBER MATRIX (BFM)
[S1] STORM WATER SAMPLE LOCATION
[RO-4] LOCATION OF POSSIBLE RUN-ON
[D1] SITE DISCHARGE LOCATION
[NV] NON-VISIBLE POLLUTANT - SAMPLE LOCATION
PL PROPERTY LINE
R/W RIGHT OF WAY
PROP. PROPOSED
TYP. TYPICAL
SBCFCD SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT

THIS PLAN IS FOR SWPPP EROSION & SEDIMENT CONTROL DEVICE PLACEMENT ONLY. SEE APPROPRIATE IMPROVEMENT PLAN FOR CONSTRUCTION

Underground Service Alert
CALL TOLL FREE 811

TWO WORKING DAYS BEFORE YOU DIG

REVISIONS					
MARK	DATE	BY	DESCRIPTION	DATE	APP'VD

Prepared Under The Supervision Of:
MADOLE & ASSOCIATES, INC.
Engineering Communities for Life
9002 PITTSBURGH AVE, SUITE 230
RANCHO CUCAMONGA, CA 91730
PHONE: 909.481.0320 FAX: 909.481.0320



DRAWN BY:	A.M.	APPROVAL BY:	
DESIGNED BY:	A.M.	PUBLIC WORKS DIRECTOR: BRADEN YU	DATE
CHECKED BY:	M.B.	RCE: 56306 EXP DATE: 12-31-22	
RECOMMENDED BY:		RECOMMENDED BY:	
		ENGINEERING STAFF	LAND DEVELOPMENT & TRANSPORTATION

WDID: 8 36C395058

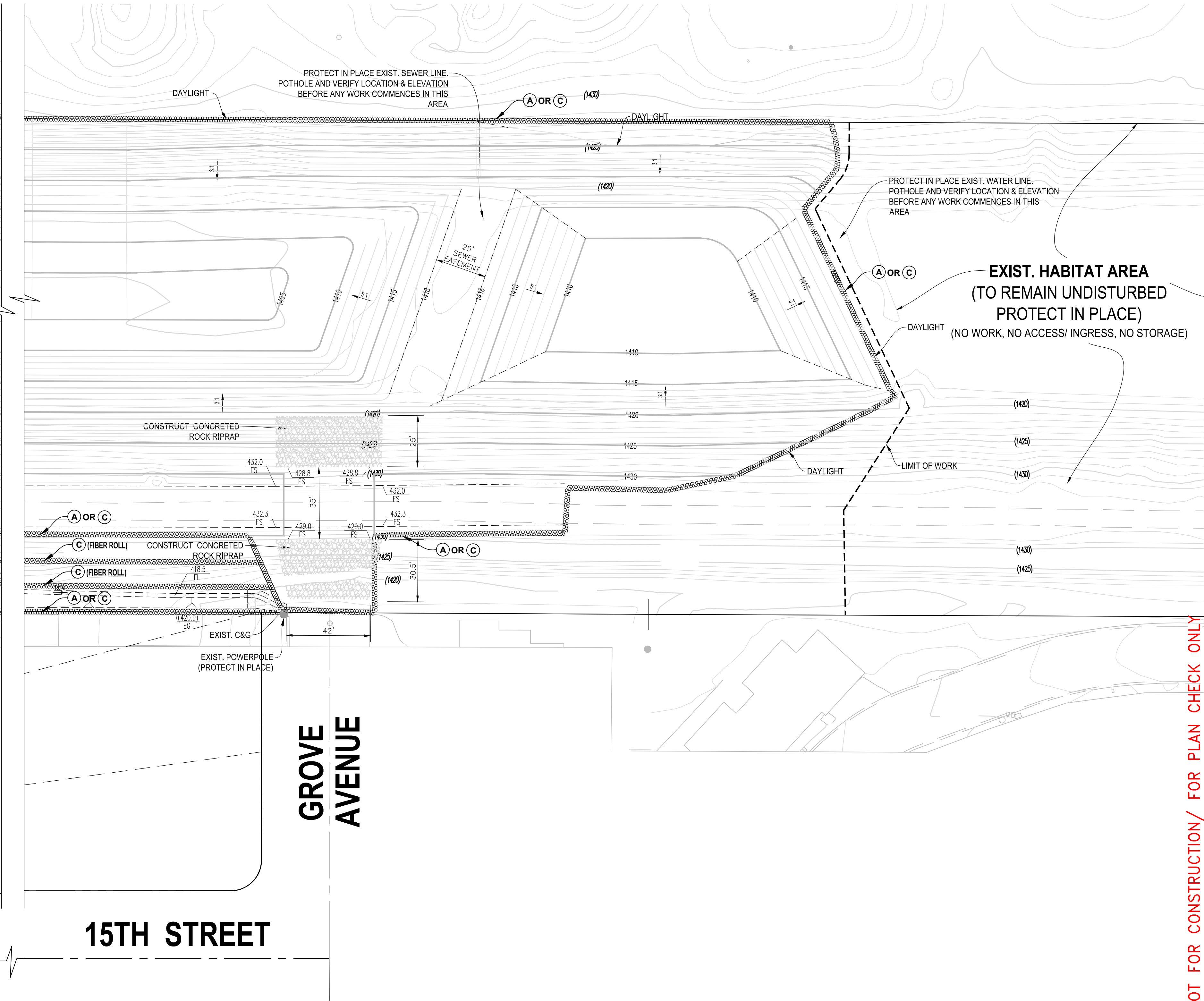
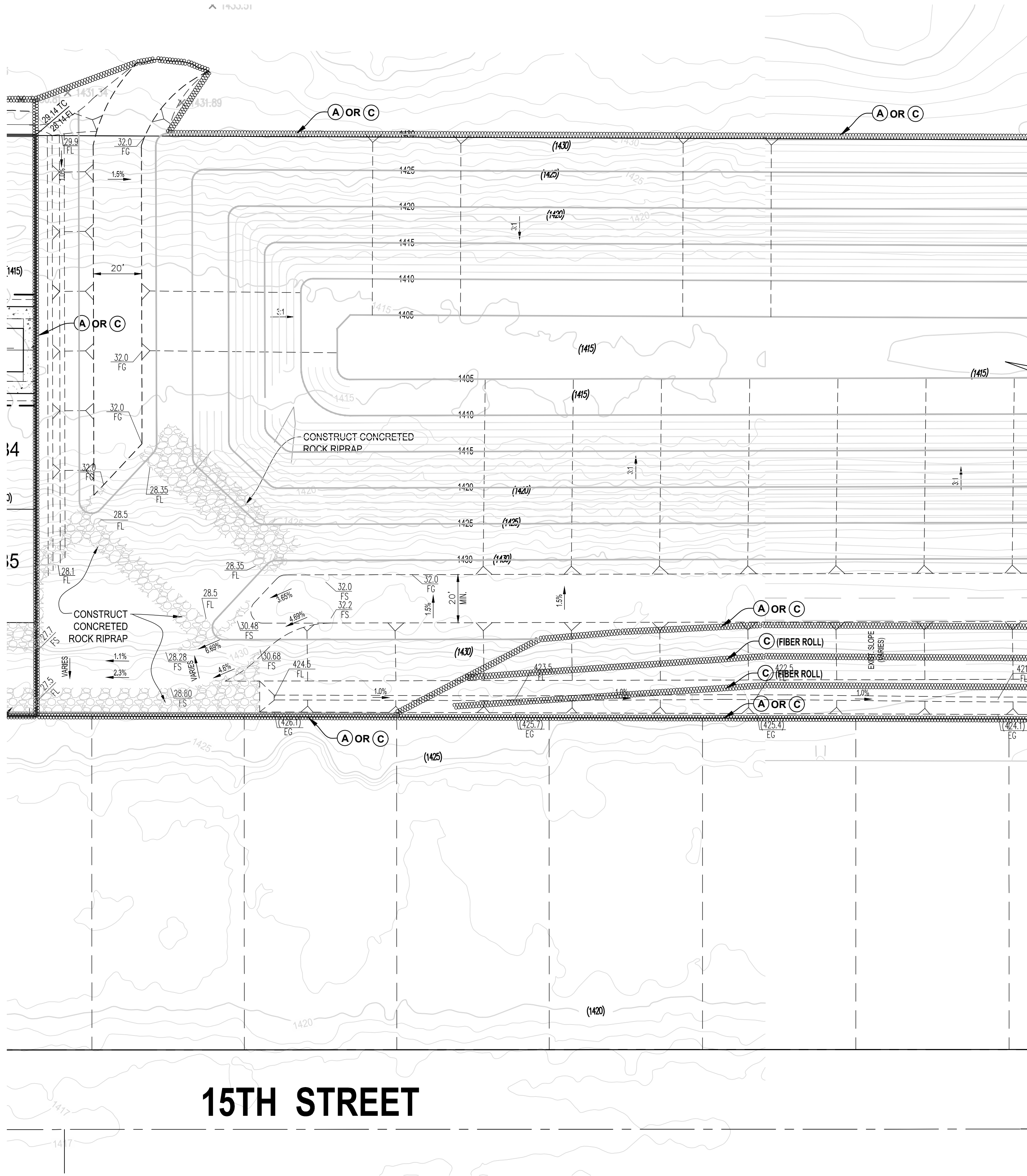
CITY OF UPLAND
TRACT NO. 20245
EROSION CONTROL PLAN
PLAN SHEET

PROJECT
TM20245
9
OF 10 SHEETS
DRAWING NO.
GP 21-08

PRELIMINARY - NOT FOR CONSTRUCTION/ FOR PLAN CHECK ONLY

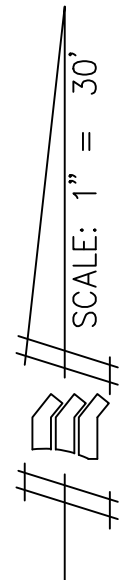
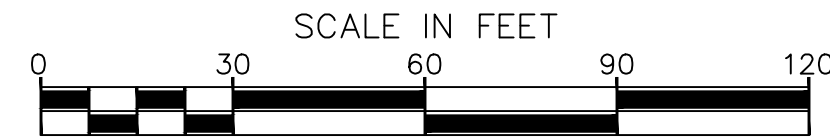
PROJECT NO. 652-2898 /Grading/RG

SEE SHEET 9



EROSION CONTROL CONSTRUCTION NOTES:

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Underground Service Alert
CALL
TOLL FREE
811
TWO WORKING DAYS BEFORE YOU DIG

REVISIONS					
MARK	DATE	BY	DESCRIPTION	DATE	APP'VD

Prepared Under The Supervision Of:
MADOLE & ASSOCIATES, INC.
Engineering Communities for Life
3002 PITTSBURGH AVE, SUITE 230
RANCHO CUCAMONGA, CA 91730
PHONE: 909.481.0322 FAX: 909.481.0320
WENDELL L. IWATSURU RCE 36637 DATE: _____



DRAWN BY:	A.M.
DESIGNED BY:	A.M.
CHECKED BY:	M.B.
RECOMMENDED BY:	

APPROVAL BY:	
PUBLIC WORKS DIRECTOR: BRADEN YU DATE _____	
RECOMMENDED BY	RECOMMENDED BY
ENGINEERING STAFF	LAND DEVELOPMENT & TRANSPORTATION

CITY OF UPLAND
TRACT NO. 20245
EROSION CONTROL PLAN
PLAN SHEET

PROJECT TM20245
10 OF 10 SHEETS
DRAWING NO. GP 21-08

WDID: 8 36C395058

EC-04

PRELIMINARY — NOT FOR CONSTRUCTION/ FOR PLAN CHECK ONLY

\\652-2898\projects\2024\EC-04-EC04.dwg LAST PLOT DATE: 10/15/21