# DRAINAGE, EROSION/DUST CONTROL

- 1. DRAINAGE ACROSS PROPERTY LINES SHALL NOT EXCEED THAT WHICH EXISTED PRIOR TO GRADING, EXCESS OR CONCENTRATED DRAINAGE SHALL BE CONTAINED ON SITE OR DIRECTED TO AN APPROVED DRAINAGE FALL BE CONTACTOR OF THE GROUND IN THE AREA OF DISCHARGE SHALL BE PREVENTED BY INSTALLATION OF NON-PROSING DOWN DRAINS OR OTHER DEVICES.

  2. THE CONTRACTOR SHALL PROVICE A PARED SLOPE INTERCEPTOR DRAIN ALONG THE TOP OF CUT SLOPES WHERE THE DRAINAGE PATH IS GREATER THAN FORTY (40) FEET TOWARDS THE CUT SLOPE.

  3. THE CONTRACTOR SHALL PROVIDE FIVE (5) FEET WIDE BY ONE (1) FOOT HIGH BERDIN ALONG THE TOP OF ALL FILL SLOPES STEEPER THAN 3:1, HORIZONTAL TO KERTICAL.
- THE GROUND SURFACE IMMEDIATELY ADJACENT TO THE BUILDING FOUNDATION THE GROUND SURFACE IMMEDIATELY ADJACENT TO THE BUILDING FOUNDATION SHALL BE SLOPED AWAY FROM THE BUILDING AT A SLOPE OF NOT IESS THAN ONE UNIT VERTICAL IN 20 UNITS HORZONIAL (3% SLOPE) FOR A MINIMAM DISTANCE OF ITN (10) FEET MEASURED PERPENDICULAR TO THE FACE OF THE FOUNDATION.

  NO OBSTRUCTION OF MATURAL WATER COURSES SHALL BE PERMITTED. DURING ROUGH GRADING OFERATIONS AND PRIOR TO CONSTRUCTION OF PERMANENT DRAINAGE STRUCTURES, TEMPORARY DRAINAGE CONTROL (BEST MANAGEMENT PRACITIES, BAFB) SHALL BE PROVIDED TO PREVENT PONDING WITER AND DRAINAGE TO ADJACENT PROPERTIES.

  WITER AND DRAINAGE TO ADJACENT PROPERTIES.

- UCTION SITES SUBJECT TO PANO FUGITIVE DUST MITIGATION SHALL WITH ADAD RILE 403.1.
  WITH ADAD RILE 403.1.
  STING DRAINAGE COURSES AND STORM DRAIN FACILITIES SHALL CONTINUE CITION, PROTECTIVE MEASURES AND IEMPORARY DRAINAGE PROVISONS BE USED TO PROTECT ADJOINING PROPERTIES DURING GRADING COMPANIA CONTROL OF THE PROPERTIES DURING GRADING CONTROL OF THE PROPERTIES DURING CONTROL OF THE PROPERTIES CONTROL OF THE PROPERT
- OF FRANKING AS CAPES EQUAL TO OR GREATER THAM THREE (3) FEET IN VERTICAL HEIGHT ARE RECURRED TO BE PLANTED WITH AN APPROVED BROUGHT-TOLERANT GROUND COURT OR AS A MINUMUM SPACING OF 12" ON CENTER OR AS APPROVED BY THE ENGINEER OF RECORD OR THE REGISTERD LANDSCAPE ARCHITECT AND BROUGHT-TOLERANT SPRUISS SPACED AT ON LONGE THAN 10" ON CENTER, OR TREES SPACED NOT TO EXCEED 20" ON CENTER, OR A COMBINATION OF SHRUBS AND TREES NOT TO EXCEED 15" IN ADDITION TO THE CRASS OR GROUND COVER. SLOPES THAT REQUIRE PLANTING STALL BE PROVIDED WITH AN APPROPRIATE BACK FLOW DEVICE PER C.P.C. CHAPTER 6. THE SLOPE PLANTING AND RIREGATION SYSTEM EXPLAIL BE NISTALLED AS SOON AS POSSIBLE UPON COMPLETION OF ROUGH GRADING. ALL FERMANENT SLOPE PLANTING STALL BE STALL BE STALL BE STALLED AS SOON AS POSSIBLE UPON COMPLETION OF ROUGH GRADING. ALL FERMANENT SLOPE PLANTING STALL BE STALL BE STALLED AS SOON AS POSSIBLE UPON COMPLETION OF ROUGH GRADING. ALL FERMANENT SLOPE PLANTING STALL BE STALL

# PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS, ARE GRITANED BY A SEARCH OF AVAILABLE RECORDS, TO THE BEST OF OUR KNOWNLOGE THEER ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS, THE CONTRACTOR IS REQUIRED TO TAKE DIE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS.

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED SAFE PLACE TO WARK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "COCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LARGE, AND WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDEX, AND MITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS CONSTRUCTION SAFETY ORDERS".

THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS' AND SUBCOMBACTORS' COMPLIANCE WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR OR WITH THE STATE OF CALIFORNIA DEPARTMENT OF FROM THE PROPERS.

CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURNG THE COURSE OF CONSTRUCTION OF THIS PROJECT; INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT HIS REQUIREMENT SHALL APPLY CONTRACTORS AND LEFERN, INDEMNITY AND ROLD HE OWNER AND THE ENGLET HAT THE PROPERTY AND HOT BE LIMITED TO NORMAL WORKING FOURS, AND THE LIMITED TO NORMAL WORKING FOURS, AND THE THAT THE CONTRACTORS AND LEFERN, INDEMNITY AND HAD THE CONTRACTOR SHALL BEFORE AND AND ALL LIMBILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORKER ON THIS PROJECT. EXCEPTING FOR ANY LIMBILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

# UNAUTHORIZED CHANGES AND USES

CAUTION: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, LIABLE FOR, UNAUTHORIZED CHANGES OR USES OF THESE PLANS.

CITY ACCEPTANCE OF PLANS DOES NOT RELIEVE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERRORS AND OMISSIONS DISCOVERED DURING CONSTRUCTION. UPON REQUEST OF THE CITY INSPECTOR. THE REQUEST DE JUAN PREVISIONS SHALL BE PROMPTLY SUBMITTED TO THE CITY OF JURUPA VALLEY FOR REVIEW.

# CALIFORNIA COUNCIL OF CIVIL ENGINEERS AND LAND SURVEYORS

CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES. CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DIBUNG THE CONFERCY OF CONSTRUCTION OF THE PROJECT INJUDING SAFETY OF ALL PERSONS AND PROPERTY. HAIT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONTRACTOR FURTHER AGREES TO DEFEND, NUDEWINFY AND HOLD DESIGN PROPESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGIBLE OF DESIGN PROFESSIONAL.

# STORM DRAIN IMPROVEMENT PLAN CITY OF JURUPA VALLEY FRACT MAP NO. 36649

### NOTES TO CONTRACTOR:

PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL LOCATE ALL SWEY LANEAUS, THE CONTRACTOR SHALL BE MANTANED IN VICINITY OF THE WORK, TRAFFIC SIGNALS SHALL BE MANTANED IN OPERATION DURING CONSTRUCTION AT ALL TIMES, SENSOR LODPS, CABLES, AND CONDUITS THAT ARE DAMAGED BY THE WORK SHALL BE TAND CONDUITS THAT ARE DAMAGED BY THE WORK SHALL BE TO THE SATISFACTION OF THE COVERNING AGENCY.

COMON, PRE DIMETER, AND MATERAL NOICHTED AND/OR MATONS OF UNDERGOUND UTILITIES SHOWN ON THESE DRAWINGS APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MACTING ALL UTILITY COMPANIES SO IN THAT THOSE COMPANIES MAY (THE LOCATIONS OF THEIR LINES PRIOR TO PIPELINE INSTALLATION

CONTRACTOR SHALL NOTIFY INDERGEOUND SERVICES ALERT (USA)
311 IN ACCORRANCE WITH SPECIFICATIONS FRACE TO ALL
WANDONS. HE CONTRACTOR SHALL BE RESPONSIBLE FOR
FECTING HE EXISTING UTULITIES AND SHALL FILED VERIFY THE
RICHON AND DEPTH OF EXISTING UTULITIES. FELD VERIFICATION SHALL
THOUGH AND DEPTH OF EXISTING UTULITIES. FELD VERIFICATION SHALL
DONE IN AUDINGE OF THE CONSTRUCTION, HITS AUTH IS PROVIDED
CITY AS AN AUD TO BIDDING AND SHALL NOT SUBSTITUTE FOR THE
TRACTIOR'S OWN UTULITY LOCATION, RESPONSIBILIETT.

MENISONS FOR ALL OTHER STRUCTURES, REFERENCING PIPMG, PANING, NO OTHER NON-STRUCTURA, TIES ARE APPROXIMATE, THE NOTHER NON-STRUCTURA THE ALL DIMENSIONS AND CONDITIONS AND DEPORT ALL IMAGES ROSCREPANICIS TO THE CONSTRUCTION MANGER NO ESS THAN 14 DAYS IN ADVANCE OF CONSTRUCTION IN THE AREA.

THE COMPACTOR SHALL PROTECT IN PLACE ALL OPERHEAD INTERFERENCE. THE COMPACTOR SHALL USE STREAM CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND POWER, GAS, AND,/OR WORKING NEAR STATE OF STATE OF THE CONTROL AND SHALL BE RESPONSIBLE FOR ALL COSTS: AND LABBILTY IN COMMERT WILL DO CONNECT UTILITY POLE OWNER WILL DO ALL WORK ON LITTLY POLE OWNER WILL DO ALL WORK ON LITTLY POLE WORKING WHEN WILL COSTS ASSOCIATED WITH UTILITY POLES AND DEFENDING SHALL LAY ALL COSTS ASSOCIATED WITH UTILITY POLES AND THE CONTRACTOR SHALL INCIDENT OF THE TIME RESPONSED BY THE UTILITY OWNERS TO SCHEDULE AND PERFORM THE TIME ASSOCIATED BY THE UTILITY OWNERS TO SCHEDULE OF THE WORK ON THE UTILITY OWNERS TO SCHEDULE OF THE WORK ON THE UTILITY OWNERS TO SCHEDULE OF THE WORK ON THE UTILITY OWNERS TO SCHEDULE OF THE WORK ON THE UTILITY POLES AS PART OF THE

CONTRACTOR SHALL PROTECT ALL EXSTING IMPROPERATION NOT TOWARDS FOR DEADOINGN OR RESOLVAN AND REPLACEMENT ALL MAGED EXISTING IMPROVEMENTS AND THOSE IMPROVEMENTS HISTORE FEELN REMOVED OR TEMPORALLY RELOCATED SHALL BE RESTORED THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER TO A CONDITION CLOSE AS POSSIBLET OF THE CONTRACTION SHALL BE DEMOLISHED ONSTRUCTION DESIGNATED FOR EDIDOLITION SHALL BE DEMOLISHED INSPORTED OF BY THE CONTRACTION.

IN ALL LOCATIONS WHERE TRENCH PLATES ARE USED ON THIS PROJECT.
THE CONTRACTOR SHALL SUPPLY SOLD RESISTANT CONTING ON THEET.
RESCHIP HUTE AND COLD MIX A.C., AT THE EDGES. TRENCH PLATES SH
BE NOTICHED INTO AC PANIOR. SUPERDE, AND SHAMED TO PREVIOUS
SHALLE BOX RANGE DESTRICTION ADMICTS TRENCH PLATES
SHALL BE TACK MEDICED TOGETHER TO PRECION SEPARATION.

MECHANICAL EQUIPMENT USED ON THIS PROJECT SHALL BE SELECTED TO MINIMIZE DAMAGE TO THE EXISTING PAYEMENT ALONG THE PROJECT STE AND ALL ROADS USED AS TRUCK SOUTES TO BROW, MATERIAL AND EQUIPMENT TO THE PROJECT. THE CONTRACTOR SHALL REPLACE DAMAGED AC. PAVEMENT TO THE SATISFACTION OF THE COVERNING ACBROY.

: CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL SURPLUS AVATION MATERIALS AND DEBRIS FROM THE SITE AND SHALL MAINTAIN SITE IN A NEAT AND ORDERLY CONDITION. CONTRACTOR IS RESPONSIBLE FOR ARRANGING FOR REQUIRED ECTIONS. HE PRESENCE OR ABSINCE OF A CITY OR OTHER RECTOR WILL NOT RELEASE THE COMPACTOR OF FULL RESPONSIBILITY HE PROPER PERFORMANCE OF THE WORK AND COMPLINE WITH ALL

#### 티 SHE 13 13 12 10T 24 1 G 14 14 2 [0] 23 15 15 101 3 . . . . 16 107 L01 2 801 6 G 7 7 18 19

#### INDEX MAP SCALE 1"= 100'

#### **BENCHMARK:**

SECURED HOME GROUP INC. AND HOMEQUEST, LLC.
ATTH: MR. MAX MODERMETT
238 W. MAN STREET SUITE 101
TUSTIN, CA. 92780
(714) 721-7788 OFFICE
(714) 368-0012 FAX

PROPERTY OWNER/SU

BDIVIDER:

POINT ID: GPS-63 ELEVATION: 797.250 (NAVD DATE LEVELED: 1991

DESCRIPTION:
2 1/2" BRASS DICK STAMPED "CITY OF RIVERSIDE G
53 1991 CADME" SET IN THE SIDEWALK, 1 FOOT SOI
SOUTH CURB OF MISSION BLVD. BRIDGE AT THE WES
BRIDGE CROSSING THE STA. ANA RIVER.

DE GPS STATION NO SOUTH OF THE WEST END OF THE

### BASIS OF BEARINGS:

THE CENTERLINE OF 36TH ST. (FORMALLY "A" ST.)
WHICH BEARS VA8'85'30"W AS SHOWN ON RECORD
OF SLRNEY BOOK 10, PAGE 81 RECORDS OF
RIVERSIDE COUNTY

#### UTILITY PURVEYORS:

- DISTRICT
- SANTARY SERVICE: RUBIDOLIX COMMUNITY SERVICES DISTRICT DOMESTIC MATER SERVICE: RUBIDOLIX COMMUNITY SERVICES OF AS SERVICE: SOUTHERN CALIFORNIA GAS CO. ELECTRIC SERVICE: SOUTHERN CALIFORNIA EDISON TELEPHONE SERVICE: PAGFIC BELL RUBIDOLIS CABLE TELEVISION SERVICE: COMCAST CABLE TELEVISION

#### 951-684-7321 951-684-7321 950-427-2200 1-800-655-4555 415-542-9000 1-800-934-6489

## 3404 AVALON ST. JURUPA VALLEY, CA 92509

## LEGEND AND ABBREVIATION

DENOTES EXISTING OVERHEAD POWERI

ę			2'G	12"S	12"W						
EXISTING POWER POLE	DENOTES PROPOSED SITE WALL	DENOTES EXISTING CHAIN LINK FENCE	DENOTES EXISTING GAS	DENOTES EXISTING SEWER	DENOTES EXISTING WATER	DENOTES FLOWLINE	DENOTES EXISTING LOT LINE	DENOTES EXISTING RIGHT OF WAY	DENOTES CENTERLINE	PARCEL MAP BOUNDARY LINE	

DENOTES CENTERLINE		EXISTING CONTOUR
DENOTES EXISTING RIGHT OF WAY		DENOTES RESTRICTED ACCESS
DENOTES EXISTING LOT LINE	Ø	SEWER MANHOLE
DENOTES FLOWLINE	Ħ	FIRE HYDRANT
DENOTES EXISTING WATER	VW⊗	EXISTING WATER VALVE
DENOTES EXISTING SEWER	MW	EXISTING WATER METER
DENOTES EXISTING GAS	□ GM	EXISTING GAS METER
DENOTES EXISTING CHAIN LINK FENCE	V9⊗	GAS VALVE
DENOTES PROPOSED SITE WALL	sp	DENOTES PROPOSED STORM DRAIN
	\$ S	DENOTES PROPOSED SEWER LINE
LYSO III O I CHEN I CEL	S	DENOTES EXISTING SEWER LINE
EXISTING HUSEBIB	W	DENOTES EXISTING WATER LINE
EXISTING MAILBOX	DG	DECOMPOSED GRANITE
SIGN	EG	EXISTING GRADE
FOUND MONUMENT		
	FG	FINISH GRADE
EXISTING PALM	핃	FLOWLINE
EXISTING TREE	FF	FINISH FLOOR
EXISTING IRR. STAND PIPE	푹	HIGHPOINT
PROPOSED WATER VALVE	TC	TOP OF CURB

#### PROJECT SITE VICINITY MAP

LYING WITHIN SECTION 16, TOWNSHIP 2 SOUTH, RANGE 5 WEST S.B.M., IN THE CITY OF JURUPA VALLEY, COUNTRY OF RIVERSIDE, CA.

#### SHEET INDEX

SHEET 1 : TITLE SHEET
SHEET 2 : STORM DRAIN PLAN (36TH STREET)
SHEET 3 : STORM DRAIN PLAN (STREET A & B)

#### APN:

### PROPERTY ADDRESS:

## STORM DRAIN CONSTRUCTION NOTES

917.

4	$\bigcirc$	(2)	$\overline{-}$
CONSTRUCT STORM DRAIN MANHOLE PER RCFC & WCD STD.	CONSTRUCT HEADWALL PER CALTRANS STD. PLAN D86B.	CONSTRUCT CATCH BASIN #2 PER COUNTY OF RIVERSIDE STD. 302 (W=3.0')	INSTALL 12" RCP (D-LOAD 2250) STORM DRAIN LINE WITH PIPE BEDDING PER DETAIL ON SHEET 3.
1 EA	2 EA.	4 EA.	451 LF

(	5	4
STD. 308	CONSTRUCT CURB OUTLET PER COUNTY OF RIVERSIDE	CONSTRUCT STORM DRAIN MANHOLE PER RCFC & WCD STD. MH $251$

· # % · · # · #

MANAGE LEV MALE & MAD SID:	1 EA.
ER COUNTY OF RIVERSIDE	1 EA.

ТC
TOP OF CURB

WW ⊗W

PROPOSED WATER METER

#### IMPORTANT NOTE: THE GRADING AND/OR IMPROVEMENT PLANS ARE APPROVED FOR A PERIOD OF TWO (2) YEARS FROM THE DATE SIGNED BY THE CITY ENGINEER. AFTER THE TWO (2) YEAR PERIOD HAS LAPSED, THE ENGINEER OF RECORD MAY BE REQUIRED TO SUBMIT AND PROCESS FOR CITY ENGINEER APPROVAL, UPDATED PLANS THAT COMPLY WITH THE MOST OURRENT CITY STANDARDS, PRACTICES, AND POLICIES. DATE E.O.R.

NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE. Underground Service Alert

ING DAYS BEFORE YOU DIG

Call: 811

REVISION REC. APPR DATE

DATE

DATE

 $\Box$ ITY OF JURUPA VALLEY TRACT MAP NO. 36649 Storm drain improvement plan

ACCT. NO.

TITLE SHEET

SHEET  $\frac{1}{9}$  of  $\frac{3}{3}$ 

IP17-006