

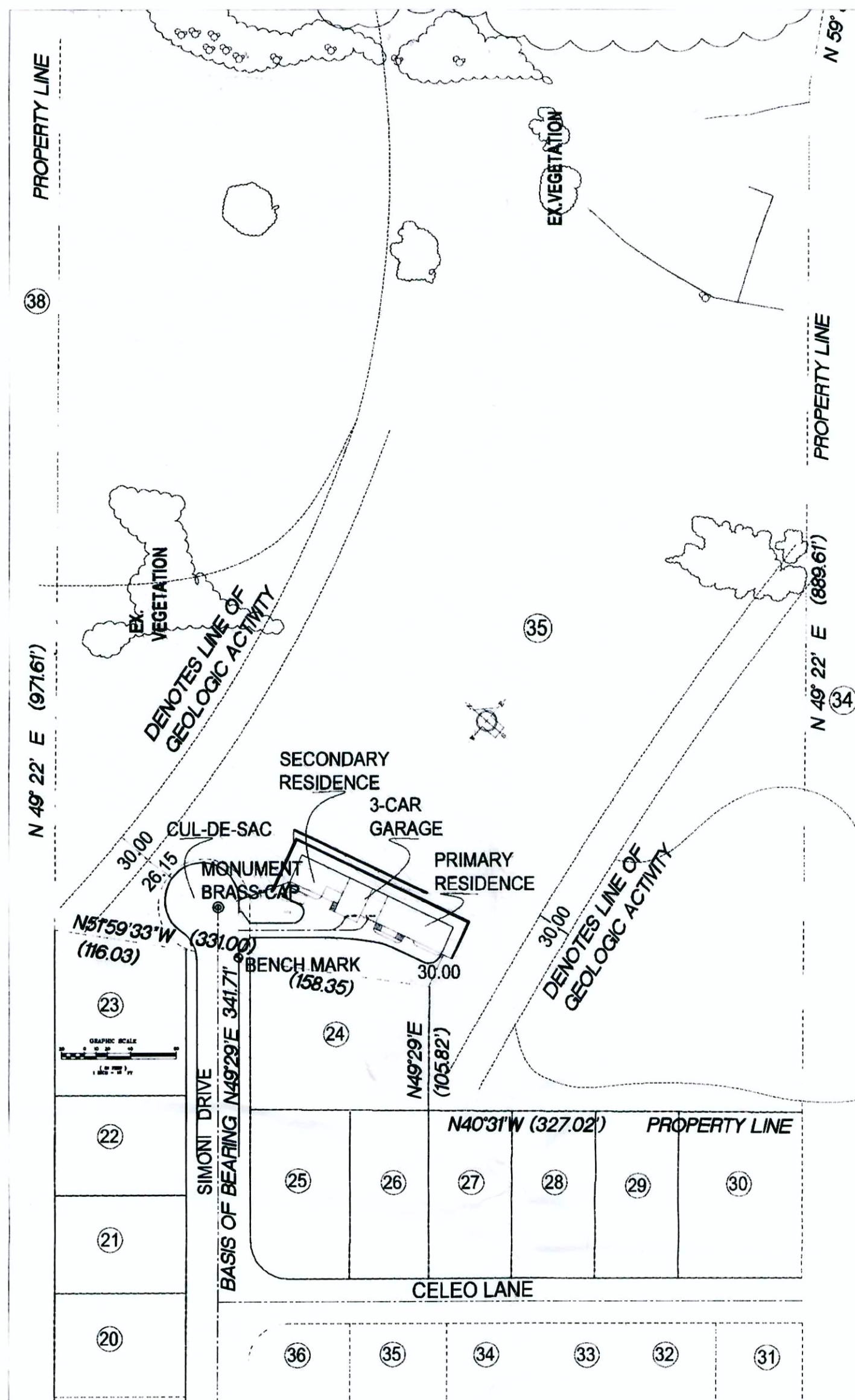
# VANDAYSHIA R.E.I.C. IMPROVEMENT PLANS

**BASIS OF BEARINGS:**  
THE BEARING N49°29'00"E ALONG THE MONUMENT LINE OF SIMONI DR. BETWEEN THE FOUND MON. AT LOT 35 OF "TRACK NO. 2069, BELLA MONTIYA HEIGHT" & THE FOUND MON. AT INTERSECTION OF CELEO LANE AND SIMONI DR. WAS USED AS THE BASIS OF ALL BEARINGS.

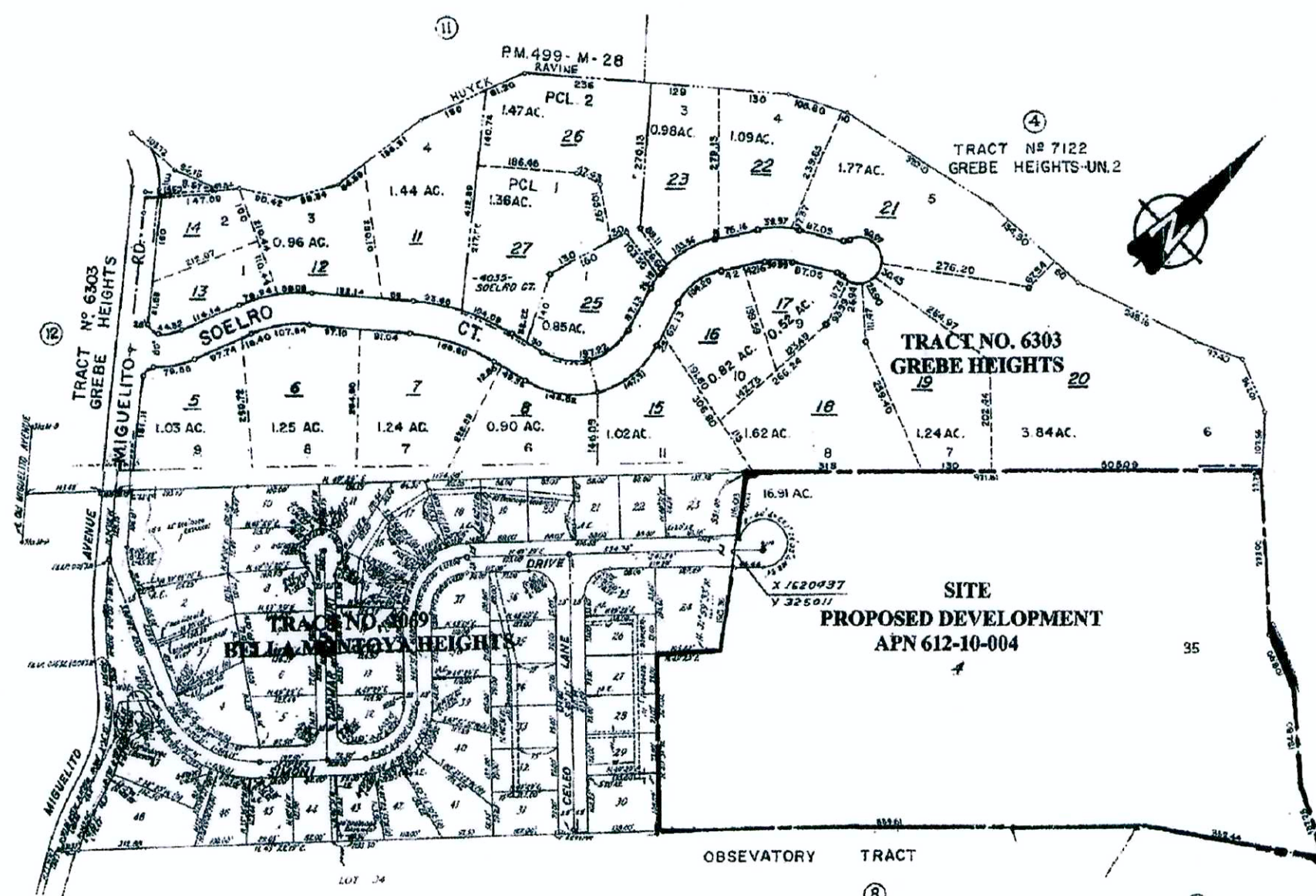
**BENCH MARK:**  
TOP OF P.C.C. CURB AT THE END OF SIMONI DR, ASSUMED TO BE AT +726.23'.

**SCOPE OF WORK:** IMPROVEMENT PLANS TO CONSTRUCT A PRIMARY RESIDENCE WITH A SECONDARY UNIT.

1. A CONSTRUCTION OBSERVATION LETTER FROM THE RESPONSIBLE GEOTECHNICAL ENGINEER AND ENGINEERING GEOLOGIST DETAILING CONSTRUCTION OBSERVATIONS AND CERTIFYING THAT THE WORK WAS DONE IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL AND GEOLOGIC REPORTS SHALL BE SUBMITTED PRIOR TO THE GRADING COMPLETION AND RELEASE OF THE BOND.
2. ALL WORK TO DEVELOP THE CUL-DE-SAC SHALL BE INSPECTED BY BOTH THE LAND DEVELOPMENT ENGINEERING OFFICE AND THE ROADS AND AIRPORTS DEPARTMENT.



**KEY MAP**  
SCALE: 1"=100'



**VICINITY MAP**  
N.T.S.

DESCRIPTION	EXCAVATION		EMBANKMENT		BALANCE	
	V	IN CY	V	IN CY	V	IN CY
STRUCTURE	3,131		124		-3,007	
DRIVE WAY	368		5		-363	
CUL-DE-SAC	157		10		-147	
<b>TOTAL</b>	<b>3,656</b>		<b>139</b>		<b>-3,517</b>	

NOTE: EXCAVATED MATERIAL WILL BE EXPORTED FROM THE SITE: 3,517 CUBIC YARDS

COUNTY OF SANTA CLARA DEPT. OF ROADS AND AIRPORTS  
ISSUED BY: *[Signature]* DATE: 7/12/11  
ENCROACHMENT PERMIT NO. 5311024/5611028/45100276

COUNTY OF SANTA CLARA  
LAND DEVELOPMENT ENGINEERING & SURVEYING  
CONSTRUCTION PERMIT NO. \_\_\_\_\_  
GRADING PERMIT NO. \_\_\_\_\_  
ISSUED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

LEGEND		ABBREVIATIONS	
PROPERTY LINE		AB	AGGREGATE BASE
EASEMENT LINE		AC	ASPHALT CONCRETE
CURB AND GUTTER		ACCP	SPUN CONCRETE PIPE
SIDEWALK		BFP	BACK FLOW PREVENTER
STANDARD HOODED INLET		BLDG	BUILDING
FIRE HYDRANTS		BO	BLOW OFF VALVE
ELECTROLIER		BW	BOTTOM OF WALL
WATER METER		CATV	CABLE TELEVISION
DOMESTIC WATER SERVICE		CB	CATCH BASIN
SANITARY SEWER		CIP	CAST IRON PIPE
STORM SEWER		CL	CENTERLINE
SANITARY MANHOLE		CONC	CONCRETE
STORM MANHOLE		COR	CORNER
DRIVEWAY		DCDA	DOUBLE CHECK DETECTOR ASSEMBLY
HANDICAP RAMP		DI	DROP INLET/DITCH INLET
REMOVE TREE		DIP	DUCTILE IRON PIPE
UG	UNDERGROUND GAS LINE	DWY	DRIVEWAY
UT	UNDERGROUND TELEPHONE LINE	EP	EDGE OF PAVEMENT
WV	WATER VALVE	ER	END OF RETURN
(E)	EXISTING	EX. EXIST	EXISTING
(N)	NEW	FF	FINISH FLOOR
(P)	PAD	FG	FINISH GRADE
		FH	FIRE HYDRANT
		FL	FLOW LINE
		GB	GRADE BREAK
		INV	INVERT
		JP	JOINT POLE
		LP	LOW POINT
		MAX	MAXIMUM
		MIN	MINIMUM
		NG	NATURAL GROUND
		PL	PROPERTY LINE
		PSE	PUBLIC SERVICE EASEMENT
		R/W	RIGHT OF WAY
		SDMH	STORM DRAIN MANHOLE
		SLB	SLAB
		SSMH	SANITARY SEWER MANHOLE
		STD	STANDARD
		TC	TOP OF CURB
		TW	TOP OF WALL
		TYP	TYPICAL

**ENGINEER'S STATEMENT**

I HEREBY STATE THAT THESE PLANS ARE IN COMPLIANCE WITH ADOPTED COUNTY STANDARDS, THE APPROVED PLAN AND CONDITIONS OF APPROVAL PERTAINING THERETO DATED 10/24/2008 FILE NO. 6912-49-75-04B-04G-07DR.

DATE 7/7/2011  
SIGNATURE *[Signature]*

C056209  
R.C.E. NO.  
12/31/12  
EXPIRATION DATE



**COUNTY ENGINEER'S NOTE**

ISSUANCE OF A PERMIT AUTHORIZING CONSTRUCTION DOES NOT RELEASE THE DEVELOPER, PERMITEE OF ENGINEER FROM RESPONSIBILITY FOR THE CORRECTION OF ERRORS OR OMISSIONS CONTAINED IN THE PLANS. IF, DURING THE COURSE OF CONSTRUCTION, THE PUBLIC INTEREST REQUIRES A MODIFICATION OF (OR DEPARTURE FROM) THE SPECIFICATIONS OF THE PLANS, THE COUNTY SHALL HAVE THE AUTHORITY TO REQUIRE THE SUSPENSION OF WORK, AND THE NECESSARY MODIFICATION OR DEPARTURE AND TO SPECIFY THE MANNER IN WHICH THE SAME IS TO BE MADE.

DATE 7/7/11  
CHRISTOPHER L. FREITAS SR. ENGINEER  
R.C.E. NO. 42107 EXP. 12/31/12

**CONSTRUCTION / ENCROACHMENT / GRADING PERMIT**

PERMIT(S) NO.: 62111796  
FILE(S) NO.: 6912-49-75-04B-04G-07DR  
ISSUED BY: *[Signature]* DATE: July 8, 2011  
LAND DEVELOPMENT ENGINEERING & SURVEYING  
DEVELOPMENT SERVICES OFFICE  
COUNTY OF SANTA CLARA

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C10	STORM DRAIN LINES & UTILITIES PROFILE
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L2	LANDSCAPE DETAIL

ENGINEER'S NAME: TUONG XUAN TRAN  
ADDRESS: 526 CALERO AVE, SAN JOSE, CA 95123  
PHONE NO: (408) 425-4523  
FAX NO: (408) 300-1027

Revision 1	5/25/11	APN	612-10-004	Sheet
Revision 2	Date	Co. File		C1
Revision 3	Date			1 of 12

APPLICANT: VANDAYSHIA

ROAD: SIMONI DR.

COUNTY FILE NO.: 6912-49-75-04B-04G

PLAN # 7127  
SHEET 1 OF 14

REVISED 1-11-2010



**COUNTY OF SANTA CLARA  
GENERAL CONSTRUCTION SPECIFICATIONS**

**GENERAL CONDITIONS**

- ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SOILS AND/OR GEOTECHNICAL REPORT PREPARED BY GEI GEOTECHNICAL ENGINEERING INC., JOB # 111423A DATED FEBRUARY 26, 2004. THIS REPORT IS SUPPLEMENTED BY: 1) THESE PLANS AND SPECIFICATIONS, 2) THE COUNTY OF SANTA CLARA STANDARD DETAILS 3) THE COUNTY OF SANTA CLARA STANDARD SPECS, 4) STATE OF CALIFORNIA STANDARD DETAILS, 5) STATE OF CALIFORNIA STANDARD SPECIFICATIONS. IN THE EVENT OF CONFLICT THE FORMER SHALL TAKE PRECEDENCE OVER THE LATTER. THE PERFORMANCE AND COMPLETION OF ALL WORK MUST BE TO THE SATISFACTION OF THE COUNTY.
- DEVELOPER IS RESPONSIBLE FOR INSTALLATION OF THE IMPROVEMENTS SHOWN ON THESE PLANS AND HE OR HIS SUCCESSOR PROPERTY OWNERS ARE RESPONSIBLE FOR THEIR CONTINUED MAINTENANCE
- DEVELOPER SHALL BE RESPONSIBLE FOR CORRECTION OF ANY ERRORS OR OMISSIONS IN THESE PLANS. THE COUNTY SHALL BE AUTHORIZED TO REQUIRE DISCONTINUANCE OF ANY WORK AND SUCH CORRECTION AND MODIFICATION OF PLANS AS MAY BE NECESSARY TO COMPLY WITH COUNTY STANDARDS OR CONDITIONS OF DEVELOPMENT APPROVAL.
- DEVELOPER SHALL OBTAIN ENCROACHMENT PERMITS FROM THE SANTA CLARA VALLEY WATER DISTRICT AND CALIFORNIA DEPARTMENT OF TRANSPORTATION WHERE NEEDED COPIES OF THESE PERMITS SHALL BE KEPT AT THE JOB SITE FOR REVIEW BY THE COUNTY'S INSPECTOR
- DEVELOPER SHALL REMOVE OR TRIM ALL TREES TO PROVIDE AN UNOBSTRUCTED FIFTEEN (15) FOOT VERTICAL CLEARANCE FOR ROADWAY AREA
- THIS PLAN AUTHORIZES THE REMOVAL OF ONLY THOSE TREES WITH TRUNK DIAMETERS GREATER THAN 12 INCHES MEASURED 4.5 FEET ABOVE THE GROUND THAT ARE SHOWN TO BE REMOVED UNLESS AN AMENDED PLAN IS APPROVED OR A SEPARATE TREE REMOVAL PERMIT IS OBTAINED FROM THE PLANNING OFFICE IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT REMOVAL OF ADDITIONAL TREES HAS BEEN PERMITTED
- DEVELOPER SHALL PROVIDE ADEQUATE DUST CONTROL AS REQUIRED BY THE COUNTY INSPECTOR
- ALL PERSONS MUST COMPLY WITH SECTION 4442 OF THE PUBLIC RESOURCES CODE AND SECTION 13005 OF THE HEALTH AND SAFETY CODE RELATING TO THE USE OF SPARK ARRESTERS.
- UPON DISCOVERING OR UNEARTHING ANY BURIAL SITE AS EVIDENCED BY HUMAN SKELETAL REMAINS OR ARTIFACTS, THE PERSON MAKING SUCH DISCOVERY SHALL IMMEDIATELY NOTIFY THE COUNTY CORONER AT (408) 454-2520 AND LAND DEVELOPMENT ENGINEERING OFFICE AT (408) 299-5730. NO FURTHER DISTURBANCE OF THE SITE MAY BE MADE EXCEPT AS AUTHORIZED BY THE LAND DEVELOPMENT OFFICE IN ACCORD WITH PROVISIONS OF THIS ORDINANCE (COUNTY ORDINANCE CODE SECTION B6-18)
- THESE PLANS ARE FOR THE WORK DESCRIBED IN THE SCOPE OF WORK ONLY A SEPARATE PERMIT WILL BE REQUIRED FOR THE SEPTIC LINE CONSTRUCTION
- ANY DEVIATION FROM THESE APPROVED PLANS SHALL BE RE-APPROVED IN WRITING BY THE COUNTY ENGINEER PRIOR TO CONSTRUCTION

**CONSTRUCTION STAKING**

- THE DEVELOPER'S ENGINEER IS RESPONSIBLE FOR THE INITIAL PLACEMENT AND REPLACEMENT OF CONSTRUCTION GRADE STAKES THE STAKES ARE TO BE ADEQUATELY IDENTIFIED, LOCATED, STABILIZED, ETC. FOR THE CONVENIENCE OF CONTRACTORS. LATERAL OFFSET OF STAKES SET FOR CURBS AND GUTTERS SHALL NOT EXCEED 2 1/2 FEET FROM BACK OF CURB.
- ANY PROPERTY LINE STAKES OR ROAD MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY DEVELOPER'S ENGINEER AND LICENSED LAND SURVEYOR
- PROPERTY LINE STAKING MUST BE PERFORMED BY THE PROJECT ENGINEER OR LAND SURVEYOR TO ESTABLISH OR RE-ESTABLISH THE PROJECT BOUNDARY AND SHALL BE INSPECTED BY THE COUNTY INSPECTOR PRIOR TO THE BEGINNING OF THE WORK
- PROPER CONSTRUCTION STAKES SHALL BE SET IN THE FIELD BY THE PROJECT ENGINEER OR LAND SURVEYOR AND VERIFIED BY THE COUNTY INSPECTOR PRIOR TO THE COMMENCEMENT OF GRADING.

**CONSTRUCTION INSPECTION**

- CONTRACTOR SHALL NOTIFY PERMIT INSPECTION UNIT, SANTA CLARA COUNTY PRIOR TO COMMENCING WORK AND FOR FINAL INSPECTION OF WORK AND SITE.
- THE COUNTY REQUIRES A MINIMUM OF 24 HOURS ADVANCE NOTICE FOR GENERAL INSPECTION, 48 HOURS FOR ASPHALT CONCRETE INSPECTION
- INSPECTION BY SANTA CLARA COUNTY SHALL BE LIMITED TO INSPECTION OF MATERIALS AND PROCESSES OF CONSTRUCTION TO OBSERVE THEIR COMPLIANCE WITH PLANS & SPECIFICATIONS BUT DOES NOT INCLUDE RESPONSIBILITY FOR THE SUPERINTENDENT OF CONSTRUCTION, SITE CONDITIONS, EQUIPMENT OR PERSONNEL. CONTRACTOR SHALL NOTIFY THE COUNTY LAND DEVELOPMENT INSPECTOR AT PHONE (408) 299-6868 AT LEAST 24 HOURS PRIOR TO COMMENCING WORK AND FOR FINAL INSPECTION OF WORK AND SITE.
- DEVELOPER AND/OR HIS AUTHORIZED REPRESENTATIVE MUST SUBMIT WRITTEN REQUEST FOR FINAL INSPECTION AND ACCEPTANCE SAID REQUEST SHALL BE DIRECTED TO THE INSPECTION OFFICE NOTED ON THE PERMIT FORM
- THE CONTRACTOR SHALL PROVIDE TO THE COUNTY CONSTRUCTION INSPECTOR WITH PAD ELEVATION AND LOCATION CERTIFICATES, PREPARED BY THE PROJECT ENGINEER OR LAND SURVEYOR, PRIOR COMMENCEMENT OF THE BUILDING FOUNDATION

**SITE PREPARATION (CLEARING AND GRUBBING)**

- EXISTING TREES, ROOTS, AND FOREIGN MATERIAL WILL BE REMOVED FROM AREAS TO BE IMPROVED TO AN AUTHORIZED DISPOSAL SITE AS FOLLOWS:
  - TO A MINIMUM DEPTH OF TWO FEET BELOW THE FINISHED GRADE OF PROPOSED ROADWAYS (EITHER PRIVATE OR TO BE DEDICATED TO PUBLIC USE)
  - FROM AREAS AFFECTED BY THE PROPOSED GRADING EXCEPT WHERE NOTED ON THE PLANS
- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO MOVE OR RELOCATE UTILITY POLES AND OTHER OBSTRUCTIONS IN THE WAY OF CONSTRUCTION

**UTILITY LOCATION, TRENCHING & BACKFILL**

- CONTRACTOR SHALL NOTIFY USA (UNDERGROUND SERVICE ALERT) AT 1-800-277-2600 A MINIMUM OF 24 HOURS BEFORE BEGINNING UNDERGROUND WORK FOR VERIFICATION OF THE LOCATION OF UNDERGROUND UTILITIES
- ACCURATE VERIFICATION AS TO SIZE, LOCATION, AND DEPTH OF EXISTING UNDERGROUND CONDUITS OR FACILITIES SHALL BE THE INDIVIDUAL CONTRACTORS RESPONSIBILITY. PLAN LOCATIONS ARE APPROXIMATE AND FOR GENERAL INFORMATION ONLY.
- ALL UNDERGROUND INSTALLATIONS SHALL BE IN PLACE AND THE TRENCH BACKFILLED AND COMPACTED BEFORE PLACING AGGREGATE BASE MATERIAL OR SURFACE STRUCTURES. SURFACING MAY BE DONE IF THE UTILITY COMPANY CONCERNED INDICATES BY LETTER THAT IT WILL BORE UNLESS SPECIFICALLY AUTHORIZED BY THE COUNTY, GAS AND WATER MAINS SHALL BE INSTALLED OUTSIDE THE PAVED AREAS.
- TRENCH BACKFILL IN EXISTING PAVEMENT AREAS SHALL BE SAND MATERIAL IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE SPECIFICATIONS. THE STRUCTURAL SECTION FOR TRENCH REPLACEMENT SHALL CONSIST OF NOT LESS THAN 12 INCHES OF APPROVED AGGREGATE BASE MATERIAL COMPACTED TO A RELATIVE COMPACTION OF AT LEAST 95% AND 4 INCHES OF HOT ASPHALT CONCRETE PLACED IN TWO LIFTS TRENCH RESTORATION FOR HIGHER TYPE PAVEMENTS SHALL BE MADE IN KIND OR AS DIRECTED BY THE COUNTY.
- TRENCH BACKFILL IN NEW CONSTRUCTION AREAS SHALL BE SAND MATERIAL COMPACTED TO A RELATIVE COMPACTION OF AT LEAST 90%. THE REQUIREMENT FOR SELECT MATERIAL MAY BE WAIVED BY COUNTY IF THE NATIVE SOIL IS SUITABLE FOR USE AS TRENCH BACKFILL BUT THE COMPACTION REQUIREMENTS WILL NOT BE THEREBY WAIVED
- BACKFILL AND TRENCH RESTORATION REQUIREMENTS SHALL APPLY AS MINIMUM STANDARDS TO ALL UNDERGROUND FACILITIES INSTALLED BY OTHER FIRMS OR PUBLIC AGENCIES

**GRADING**

- EXCAVATED MATERIAL SHALL BE PLACED IN THE FILL AREAS DESIGNATED OR SHALL BE HAULED AWAY FROM THE SITE. WHERE FILL MATERIAL IS TO BE PLACED ON NATURAL GROUND, IS SHALL BE STRIPPED OF ALL VEGETATION TO ACHIEVE A PROPER BOND WITH THE FILL MATERIAL, THE SURFACE OF THE GROUND SHALL BE SCARIFIED TO DEPTH OF 6" BEFORE FILL IS PLACED WHERE NATURAL GROUND IS STEEPER THAN 5:1, IT SHALL BE BENCHED AND THE FILL KEYED IN TO ACHIEVE STABILITY WHERE NEW FILL IS TO BE PLACED ON EXISTING FILL THE EXISTING FILL SHALL BE REMOVED UNTIL MATERIAL COMPACTED TO 90% RELATIVE COMPACTION IS EXPOSED THEN THE NEW FILL MATERIAL SHALL BE PLACED AS PER THESE CONSTRUCTION NOTES FILL MATERIAL SHALL BE PLACED IN UNIFORM LIFTS NOT EXCEEDING 6" IN UNCOMPACTED THICKNESS. BEFORE COMPACTION BEGINS, THE FILL SHALL BE BROUGHT TO A WATER CONTENT THAT WILL PERMIT PROPER COMPACTION BY EITHER 1) AERATING THE FILL IF IT IS TOO WET OR 2) MOISTENING THE FILL WITH WATER IF IT IS TOO DRY EACH LIFT SHALL BE THOROUGHLY MIXED BEFORE COMPACTION TO ENSURE A UNIFORM DISTRIBUTION OF MOISTURE
- SURPLUS EARTH FILL MATERIAL SHALL BE PLACED IN A SINGLE (8" MAX) THICK LAYER COMPACTED TO WITHSTAND WEATHERING IN THE AREA(S) DELINEATED ON THE PLAN
- NO ORGANIC MATERIAL SHALL BE PLACED IN ANY FILL NO TREES SHALL BE REMOVED OUTSIDE OF CUT, FILL OR ROADWAY AREAS.
- THE UPPER 6" OF SUBGRADE BELOW DRIVEWAY ACCESS ROAD OR PARKING AREA SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
- MAXIMUM CUT SLOPE SHALL BE 2 HORIZONTAL TO 1 VERTICAL MAXIMUM FILL SLOPE SHALL 2 HORIZONTAL TO 1 VERTICAL

ESTIMATED VOLUME OF CUT	3656	CUBIC YARDS
FILL	139	CUBIC YARDS
EXCAVATED MATERIAL WILL BE EXPORTED	3517	CUBIC YARDS
MAXIMUM DEPTH OF CUT	17	FEET
FILL	7	FEET

NOTE: FILL VOLUMES INCLUDE 10% SHRINKAGE  
EXCESS MATERIAL SHALL BE OFF HAULED TO A COUNTY APPROVED DUMP SITE.

- NOTIFY SOILS ENGINEER TWO (2) DAYS PRIOR TO COMMENCEMENT OF ANY GRADING WORK TO COORDINATE THE WORK IN THE FIELD.
- ALL MATERIALS FOR FILL SHOULD BE APPROVED BY THE SOILS ENGINEER BEFORE IT IS BROUGHT TO THE SITE
- THE UPPER 6" OF THE SUBGRADE SOIL SHALL BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95%
- ALL AGGREGATE BASE MATERIAL SHALL BE COMPACTED TO A MINIMUM 95% RELATIVE COMPACTION
- THE GEOTECHNICAL PLAN REVIEW LETTER MUST BE REVIEWED AND APPROVED BY THE COUNTY GEOLOGIST PRIOR TO FINAL APPROVAL BY THE COUNTY ENGINEER FOR BUILDING OCCUPANCY.
- THE PROJECT GEOTECHNICAL ENGINEER SHALL PERFORM COMPACTION TESTING AND PRESENT THE RESULTS TO THE COUNTY ENGINEERING INSPECTOR PRIOR TO THE CONSTRUCTION OF ANY PAVED AREA

**ACCESS ROADS AND DRIVEWAYS**

- DRIVEWAY LOCATIONS SHALL BE AS SHOWN ON THE IMPROVEMENT PLANS WITH CENTERLINE STATIONING. THE MINIMUM CONCRETE THICKNESS SHALL BE 6 INCHES THROUGHOUT (WITH A MAXIMUM APPROACH SLOPE OF 1 1/4 INCHES PER FOOT)
- ALL DRIVEWAY OR COMMON ACCESS ROAD SECTIONS IN EXCESS OF 15% LONGITUDINAL SLOPE MUST BE PAVED WITH A MINIMUM 2-INCH ASPHALT LIFT OR FULL DEPTH CONCRETE LIFT PRIOR TO ANY COMBUSTIBLE FRAMING
- ROADWAYS DESIGNATED AS NOT COUNTY MAINTAINED ROADS AS SHOWN ON THE PLAN WILL NOT BE ELIGIBLE FOR COUNTY MAINTENANCE UNTIL THE ROADWAYS ARE IMPROVED (AT NO COST TO THE COUNTY) TO THE PUBLIC MAINTENANCE ROAD STANDARDS APPROVED BY THE BOARD OF SUPERVISORS AND IN EFFECT AT SUCH TIME THAT THE ROADWAYS ARE CONSIDERED FOR ACCEPTANCE INTO THE COUNTY'S ROAD SYSTEM

**RETAINING WALLS**

- REINFORCED CONCRETE AND CONCRETE MASONRY UNIT RETAINING WALLS SHALL HAVE FOUNDATION AND REINFORCEMENT INSPECTED BY THE COUNTY ENGINEERING INSPECTOR AND ENGINEER OF RECORD PRIOR TO POURING THE FOUNDATION AND FORMING THE WALL.
- SEGMENTAL BLOCK RETAINING WALLS SHALL HAVE FOUNDATION AND REINFORCEMENT INSPECTED BY THE COUNTY ENGINEERING INSPECTOR

**AIR QUALITY, LANDSCAPING AND EROSION CONTROL**

- WATER ALL ACTIVE CONSTRUCTION AREAS AT LEAST TWICE DAILY.
- COVER ALL TRUCKS HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS OR REQUIRE ALL TRUCKS TO MAINTAIN AT LEAST TWO FEET OF FREEBOARD
- PAVE, APPLY WATER THREE TIMES DAILY, OR APPLY (NON-TOXIC) SOIL STABILIZERS ON ALL UNPAVED ACCESS ROADS, PARKING AREAS AND STAGING AREAS AT CONSTRUCTION SITES
- SWEEP DAILY (WITH WATER SWEEPERS) ALL PAVED ACCESS ROADS, PARKING AREAS AND STAGING AREAS AT CONSTRUCTION SITES
- SWEEP STREETS DAILY (WITH WATER SWEEPERS) IF VISIBLE SOIL MATERIAL IS CARRIED ONTO ADJACENT PUBLIC STREETS
- ALL FILL SLOPES SHALL BE COMPACTED AND LEFT IN A SMOOTH AND FIRM CONDITION CAPABLE OF WITHSTANDING WEATHERING
- ALL EXPOSED DISTURBED AREAS SHALL BE SEEDED WITH BROME SEED SPREAD AT THE RATE OF 5 LB. PER 1000 SQUARE FEET (OR APPROVED EQUAL) SEEDING AND WATERING SHALL BE MAINTAINED AS REQUIRED TO ENSURE GROWTH.
- ALL DITCHES SHALL BE LINED PER COUNTY STANDARD SDB
- ALL STORM DRAINAGE STRUCTURES SHALL BE INSTALLED WITH EFFECTIVE ENTRANCE & OUTFALL EROSION CONTROLS E.G SACKED CONCRETE RIP-RAP ENERGY DISSIPATORS SHALL BE INSTALLED AT ALL DITCH OUTFALLS. WHERE OUTFALLS ARE NOT INTO AN EXISTING CREEK OR WATER COURSE, RUNOFF SHALL BE RELEASED TO SHEET FLOW
- THIS PLAN AUTHORIZES THE REMOVAL OF ONLY THOSE TREES WITH TRUNK DIAMETERS GREATER THAN 12 INCHES MEASURED 4.5 FEET ABOVE THE GROUND WHICH ARE SHOWN TO BE REMOVED ANY OTHER SUCH TREES ARE NOT TO BE REMOVED UNLESS AMENDED PLAN IS APPROVED OR A SEPARATE TREE REMOVAL PERMIT IS OBTAINED FROM THE PLANNING OFFICE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE REMOVAL OF ADDITIONAL TREES HAS BEEN PERMITTED.
- PRIOR TO GRADING COMPLETION AND RELEASE OF THE BOND, ALL GRADED AREAS SHALL BE RESEDED IN CONFORMANCE WITH THE COUNTY GRADING ORDINANCE TO MINIMIZE THE VISUAL IMPACTS OF THE GRADE SLOPES AND REDUCE THE POTENTIAL FOR EROSION OF THE SUBJECT SITE
- PERMANENT LANDSCAPING SHOWN ON THE ATTACHED LANDSCAPE PLAN MUST BE INSTALLED AND FIELD APPROVED BY THE COUNTY PLANNING OFFICE PRIOR TO FINAL APPROVAL BY THE COUNTY ENGINEER, AND FINAL OCCUPANCY RELEASE BY THE BUILDING INSPECTION OFFICE
- THE OWNER SHALL PREPARE AND PRESENT A WINTERIZATION REPORT TO THE COUNTY INSPECTOR FOR REVIEW PRIOR TO OCTOBER 15TH OF EVERY YEAR

**STREET LIGHTING**

- PACIFIC GAS & ELECTRIC ELECTROLIER SERVICE FEE SHALL BE PAID BY THE DEVELOPER AND/OR HIS AUTHORIZED REPRESENTATIVE

**STORM DRAINAGE**

- DEVELOPER IS RESPONSIBLE FOR ALL NECESSARY DRAINAGE FACILITIES WHETHER SHOWN ON THE PLANS OR NOT AND HE OR HIS SUCCESSOR PROPERTY OWNERS ARE RESPONSIBLE FOR THE ADEQUACY AND CONTINUED MAINTENANCE OF THESE FACILITIES IN A MANNER WHICH WILL PRECLUDE ANY HAZARD TO LIFE, HEALTH, OR DAMAGE TO ADJOINING PROPERTY
- DROP INLETS SHALL BE COUNTY STANDARD TYPE 5 UNLESS OTHERWISE NOTED ON THE PLANS. THE DEVELOPER'S ENGINEER SHALL BE RESPONSIBLE FOR THE PROPER LOCATION OF DROP INLETS. WHERE STREET PROFILE GRADE EXCEEDS 6% DROP INLETS SHALL BE SET AT 500 ANGLE CURB LINE TO ACCEPT WATER OR AS SHOWN ON THE PLANS.
- WHERE CULVERTS ARE INSTALLED THE DEVELOPER SHALL BE RESPONSIBLE FOR GRADING THE OUTLET DITCH TO DRAIN TO AN EXISTING SWALE OR TO AN OPEN AREA FOR SHEET FLOW
- UPON INSTALLATION OF DRIVEWAY CONNECTIONS, PROPERTY OWNERS SHALL PROVIDE FOR THE UNINTERRUPTED FLOW OF WATER IN ROADSIDE DITCHES
- THE COUNTY ENGINEERING INSPECTOR SHALL INSPECT UNDERGROUND DRAINAGE IMPROVEMENTS PRIOR TO BACKFILL.

**SANITARY SEWER**

- ALL MATERIALS AND METHODS OF CONSTRUCTION OF SANITARY SEWERS SHALL CONFORM TO THE SPECIFICATIONS OF THE JURISDICTION INVOLVED INSPECTION OF SANITARY SEWER WORK SHALL BE DONE BY SAID JURISDICTION.

**PORTLAND CEMENT CONCRETE**

- CONCRETE USED FOR STRUCTURAL PURPOSES SHALL BE CLASS "A" (6 SACK PER CUBIC YARD) AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS. CONCRETE PLACED MUST DEVELOP A MINIMUM STRENGTH FACTOR OF 2800 PSI IN A SEVEN-DAY PERIOD. THE CONCRETE MIX DESIGN SHALL BE UNDER THE CONTINUAL CONTROL OF THE COUNTY INSPECTOR

**AS-BUILT PLANS STATEMENT**

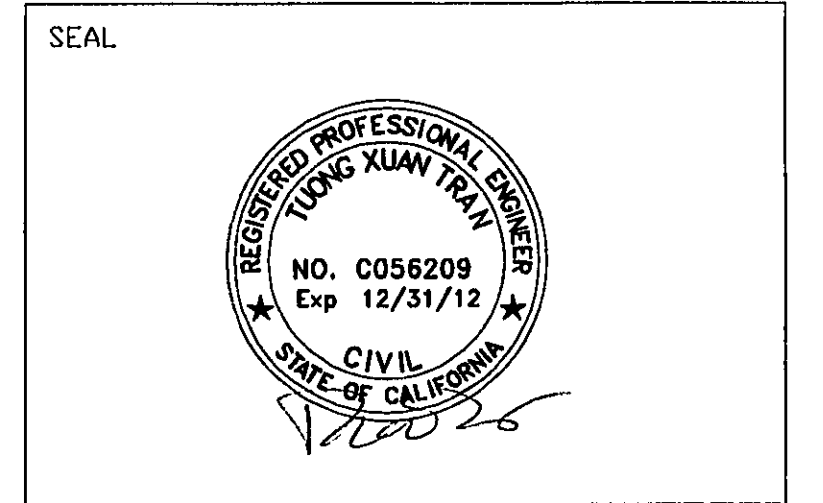
THIS IS A TRUE COPY OF THE AS-BUILT PLANS. THERE (\_\_\_ WERE) (\_\_\_ WERE NOT) MINOR FIELD CHANGES - MARKED WITH THE SYMBOL ("). THERE (\_\_\_ WERE) (\_\_\_ WERE NOT) PLAN REVISIONS INDICATING SIGNIFICANT CHANGES REVIEWED BY THE COUNTY ENGINEER AND MARKED WITH THE SYMBOL

DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

NOTE: THIS STATEMENT IS TO BE SIGNED BY THE PERSON AUTHORIZED BY THE COUNTY ENGINEER TO PERFORM THE INSPECTION WORK A REPRODUCIBLE COPY OF THE AS-BUILT PLANS MUST BE FURNISHED TO THE COUNTY ENGINEER AFTER CONSTRUCTION



526 Calero Ave, San Jose, CA 95123  
Tel: (408) 425-4523  
Fax: (408) 300-1027  
Email: info@tranvu.com



DATE 05-08-08			
DRAWN BY V.K.		CHECKED BY T.T.	
REVISION	DATE	REVISION	DATE

**VANDAYSHIA ESTATE**

**APN 612-10-004**

15900 SIMONI DRIVE  
SAN JOSE, CA 95127

**OWNER  
VANDAYSHIA R.E.I.C.**

Phone: 408-829-2805

P.O. BOX 360577  
MILPITAS, CA 95036

**SANTA CLARA COUNTY  
GENERAL CONSTRUCTION  
SPECIFICATIONS**

**SCALE: AS SHOWN**

PROJECT NO	SHEET
PC 32632	C2
	2 of 12

APPROVED FOR ISSUANCE  
REFER TO ENCROACHMENT AND/OR  
CONSTRUCTION PERMIT AND PLAN  
COVER SHEET FOR SPECIAL  
CONDITIONS AND PERMIT NUMBERS

APPLICANT: VANDAYSHIA

ROAD: SIMONI DR.

COUNTY FILE NO.: 6912-49-75-04B-04G



**CURVE DATA TABLE (DRIVEWAY) :**

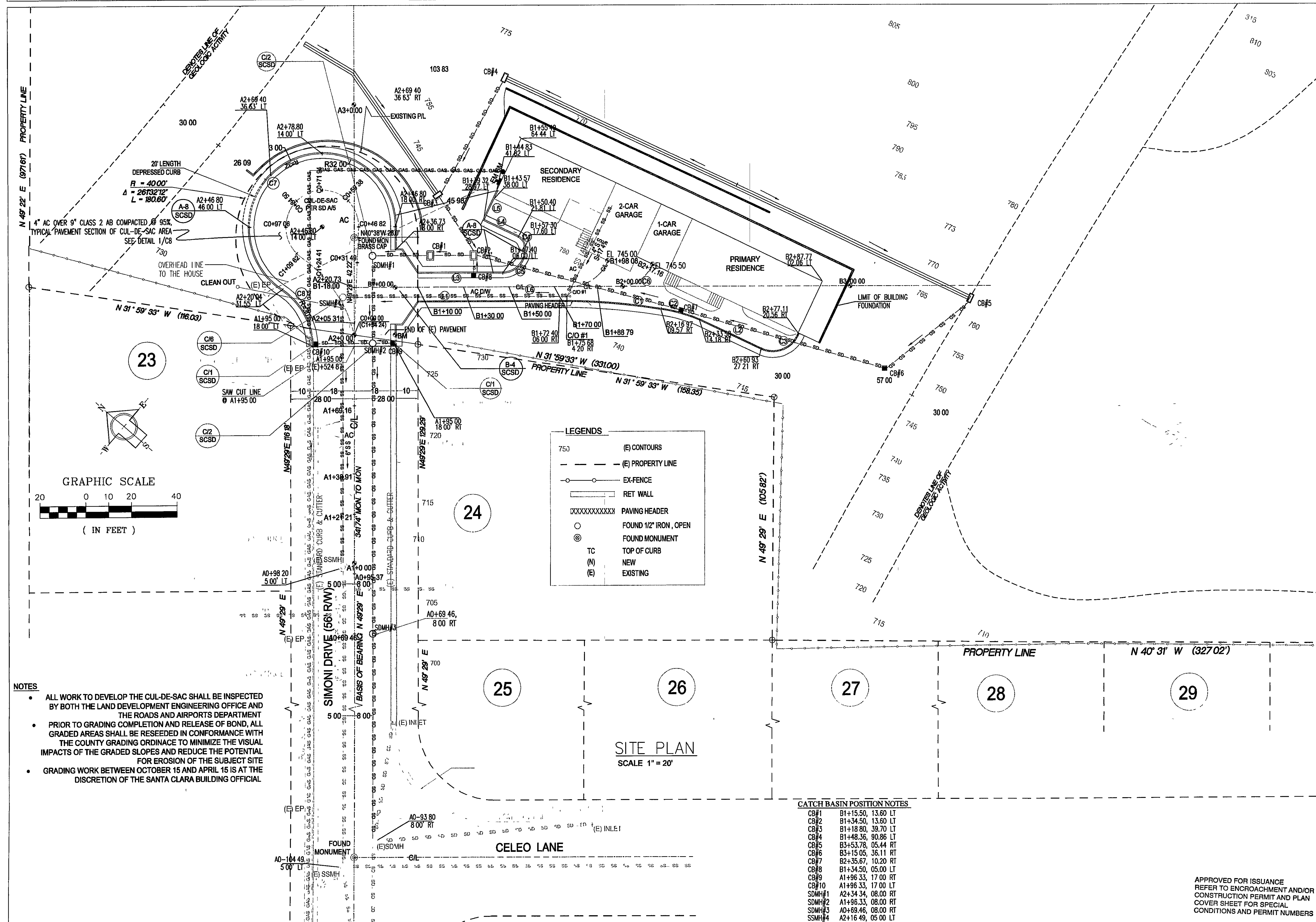
CURVE #	C1	C2	C3	C4	C5	C6
R	280.21'	67.95'	11.81'	5.93'	10.00'	15.20'
Δ	9°9'5"	14°34'52"	95°30'29"	50°53'28"	99°14'28"	60°40'7"
L	44.76'	17.29'	19.69'	5.27'	17.34'	17.16'
POSITION	FOC	FOC	FOC	FOC	FOC	C/L

**CURVE DATA TABLE (CUL-DE-SAC) :**

CURVE #	C7	C8
R	32.00'	30.00'
Δ	236°44'16"	56°44'8"
L	132.22'	29.71'
POSITION	FOC	FOC

**LINE DATA TABLE**

LINE #	L1	L2	L3	L4	L5	L6
LENGTH	62.40'	30.29'	37.37'	16.68'	14.00'	100.00'
BEARING	N40°38'0"W	N15°11'19"W	N40°38'0"W	N15°23'3"W	N74°36'57"E	N40°38'0"W



**NOTES**

- ALL WORK TO DEVELOP THE CUL-DE-SAC SHALL BE INSPECTED BY BOTH THE LAND DEVELOPMENT ENGINEERING OFFICE AND THE ROADS AND AIRPORTS DEPARTMENT
- PRIOR TO GRADING COMPLETION AND RELEASE OF BOND, ALL GRADED AREAS SHALL BE RESEDED IN CONFORMANCE WITH THE COUNTY GRADING ORDINANCE TO MINIMIZE THE VISUAL IMPACTS OF THE GRADED SLOPES AND REDUCE THE POTENTIAL FOR EROSION OF THE SUBJECT SITE
- GRADING WORK BETWEEN OCTOBER 15 AND APRIL 15 IS AT THE DISCRETION OF THE SANTA CLARA BUILDING OFFICIAL

**CATCH BASIN POSITION NOTES**

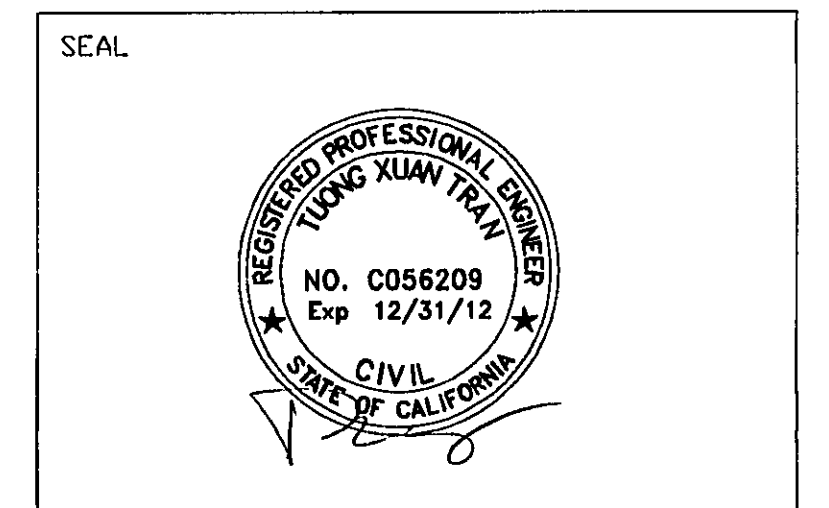
CB#1	B1+15.50, 13.60 LT
CB#2	B1+34.50, 13.60 LT
CB#3	B1+18.80, 39.70 LT
CB#4	B1+48.36, 90.86 LT
CB#5	B3+53.78, 05.44 RT
CB#6	B3+15.05, 35.11 RT
CB#7	B2+35.67, 10.20 RT
CB#8	B1+34.50, 05.00 LT
CB#9	A1+96.33, 17.00 RT
CB#10	A1+96.33, 17.00 LT
SDMH#1	A2+34.34, 08.00 RT
SDMH#2	A1+96.33, 08.00 RT
SDMH#3	A0+69.46, 08.00 RT
SSMH#4	A2+16.49, 05.00 LT

APPROVED FOR ISSUANCE  
REFER TO ENCROACHMENT AND/OR  
CONSTRUCTION PERMIT AND PLAN  
COVER SHEET FOR SPECIAL  
CONDITIONS AND PERMIT NUMBERS

APPLICANT: VANDAYSHIA ROAD: SIMONI DR. COUNTY FILE NO.: 6912-49-75-04B-04G

**TRANVU, LLC**  
surveyors - engineers - architects

526 Calero Ave, San Jose, CA 95123  
Tel: (408) 425-4523  
Fax: (408) 300-1027  
Email: info@tranvu.com



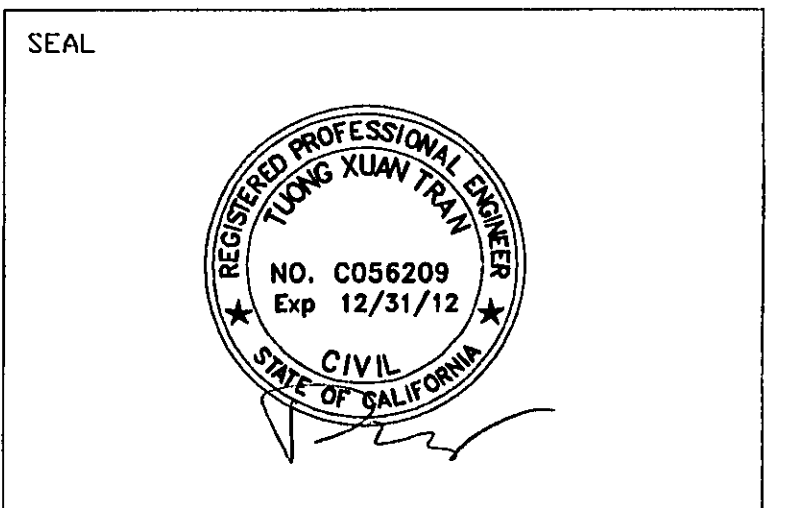
DATE 05-08-09			
DRAWN BY V.K.		CHECKED BY T.T.	
REVISION	DATE	REVISION	DATE

**VANDAYSHIA ESTATE**  
**APN 612-10-004**  
  
15900 SIMONI DRIVE  
SAN JOSE, CA 95127

**OWNER**  
**VANDAYSHIA R.E.I.C.**  
  
Phone: 408-829-2805  
  
P.O. BOX 360577  
MILPITAS, CA 95036

**PLOT LAYOUT & HORIZONTAL CONTROL**  
**SCALE: AS SHOWN**  
PROJECT NO: PC 32632 SHEET: C3  
3 of 12

526 Calero Ave, San Jose, CA 95123  
Tel: (408) 425-4523  
Fax: (408) 300-1027  
Email: info@tranvu.com



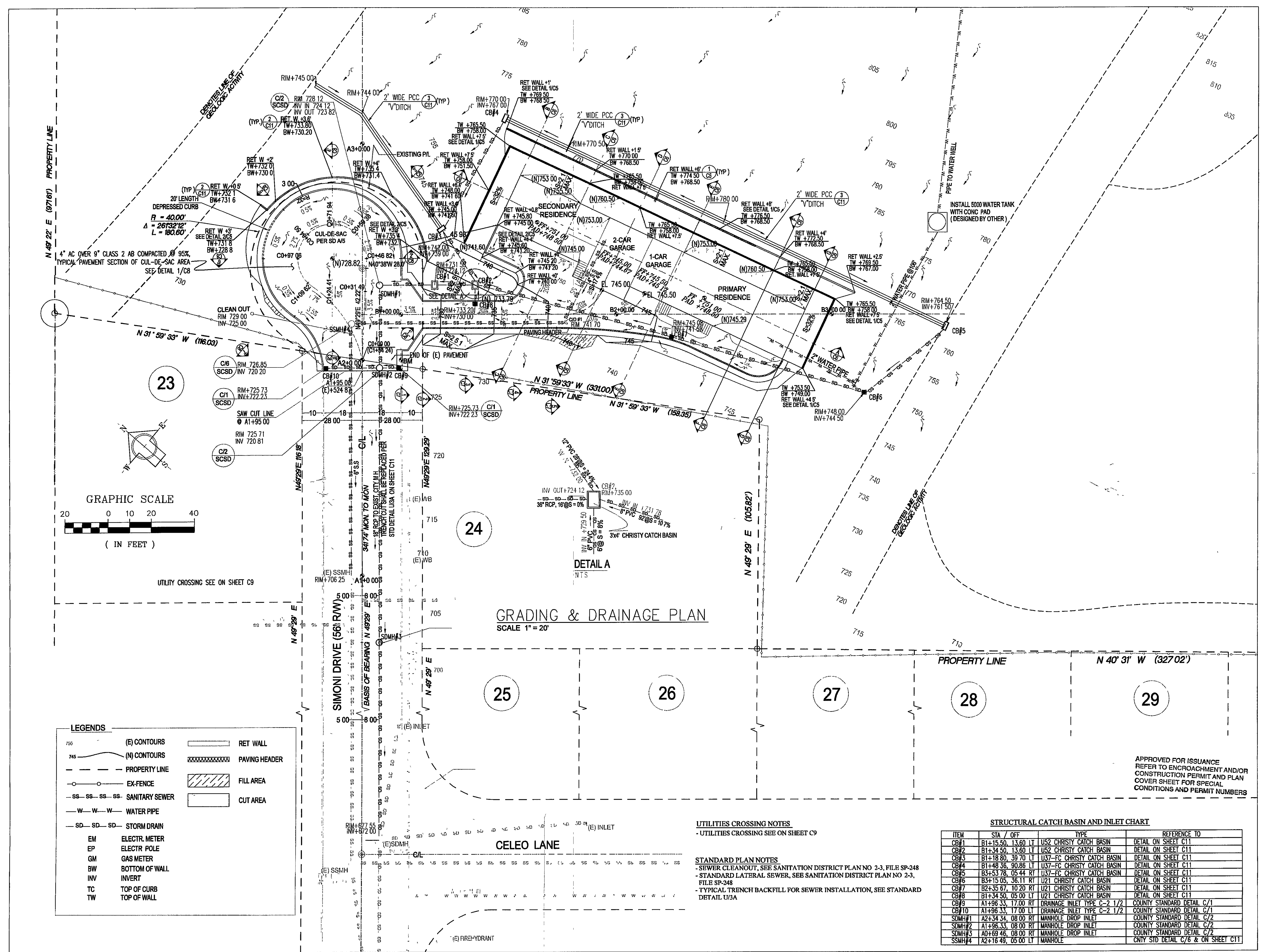
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MILPITAS, CA 95036

**GRADING AND DRAINAGE PLAN**  
  
SCALE: AS SHOWN  
PROJECT NO: PC 32632 SHEET: C4  
4 of 12



**GRADING & DRAINAGE PLAN**  
SCALE 1" = 20'

**LEGENDS**

750	(E) CONTOURS	RET WALL
745	(N) CONTOURS	PAVING HEADER
- - -	PROPERTY LINE	FILL AREA
- - -	EX-FENCE	CUT AREA
-SS-SS-SS-	SANITARY SEWER	
-W-W-W-	WATER PIPE	
-SD-SD-SD-	STORM DRAIN	
EM	ELECTR. METER	
EP	ELECTR. POLE	
GM	GAS METER	
BW	BOTTOM OF WALL	
INV	INVERT	
TC	TOP OF CURB	
TW	TOP OF WALL	

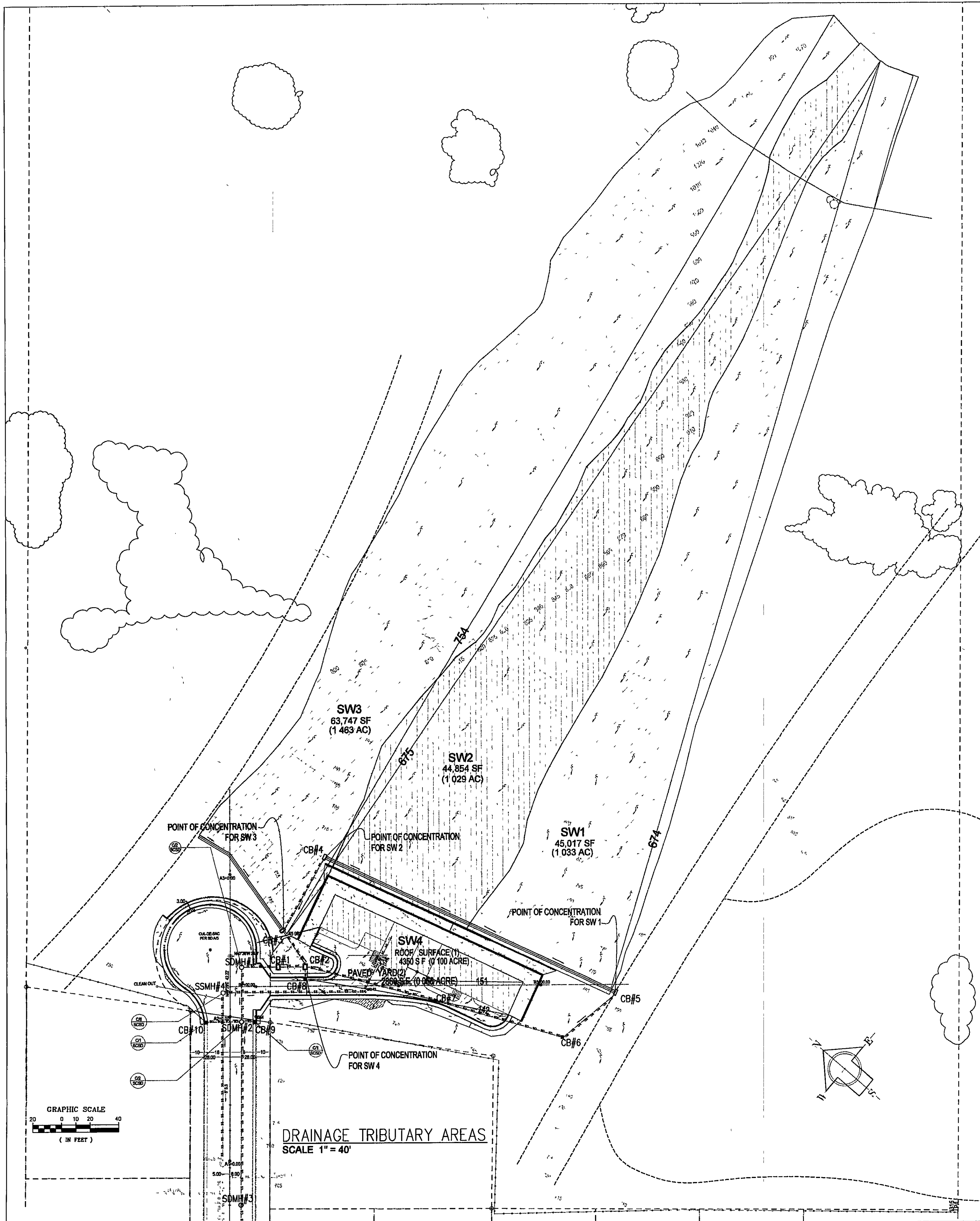
**UTILITIES CROSSING NOTES**  
- UTILITIES CROSSING SEE ON SHEET C9

**STANDARD PLAN NOTES**  
- SEWER CLEANOUT, SEE SANITATION DISTRICT PLAN NO 2-3, FILE SP-248  
- STANDARD LATERAL SEWER, SEE SANITATION DISTRICT PLAN NO 2-3, FILE SP-248  
- TYPICAL TRENCH BACKFILL FOR SEWER INSTALLATION, SEE STANDARD DETAIL U/3A

**STRUCTURAL CATCH BASIN AND INLET CHART**

ITEM	STA / OFF	TYPE	REFERENCE TO
CB#1	B1+15.50, 13.60 LT	US2 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#2	B1+34.50, 13.60 LT	US2 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#3	B1+18.80, 39.70 LT	U37-FC CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#4	B1+48.36, 90.86 LT	U37-FC CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#5	B3+53.78, 05.44 RT	U37-FC CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#6	B3+15.05, 36.11 RT	U21 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#7	B2+35.67, 10.20 RT	U21 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#8	B1+34.50, 05.00 LT	U21 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#9	A1+96.33, 17.00 RT	DRAINAGE INLET TYPE C-2 1/2	COUNTY STANDARD DETAIL C/1
CB#10	A1+96.33, 17.00 LT	DRAINAGE INLET TYPE C-2 1/2	COUNTY STANDARD DETAIL C/1
SDMH#1	A2+34.34, 08.00 RT	MANHOLE DROP INLET	COUNTY STANDARD DETAIL C/2
SDMH#2	A1+96.33, 08.00 RT	MANHOLE DROP INLET	COUNTY STANDARD DETAIL C/2
SDMH#3	A0+69.46, 08.00 RT	MANHOLE DROP INLET	COUNTY STANDARD DETAIL C/2
SSMH#4	A2+16.49, 05.00 LT	MANHOLE	CNTY STD DETAIL C/6 & ON SHEET C11





**LEGENDS**

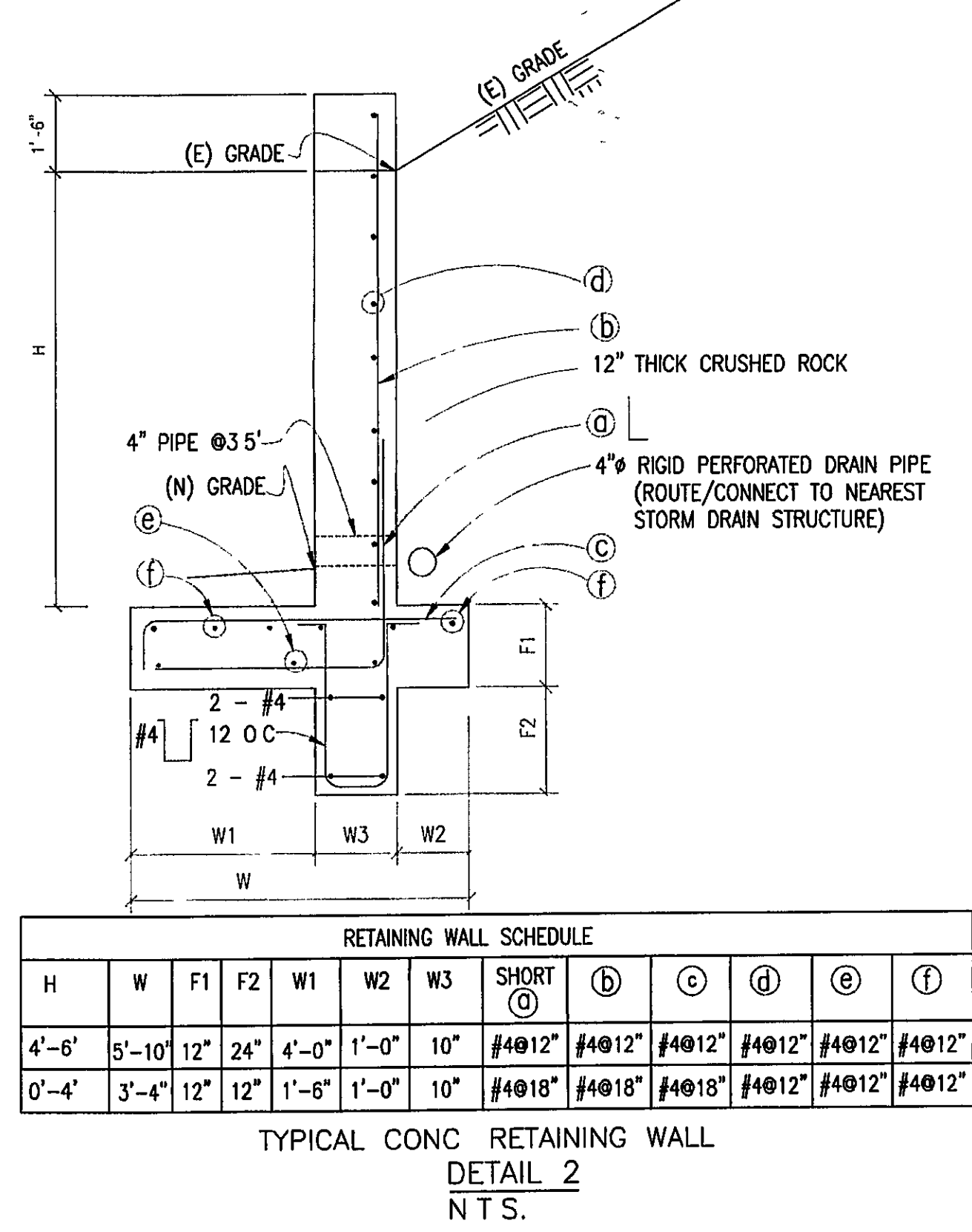
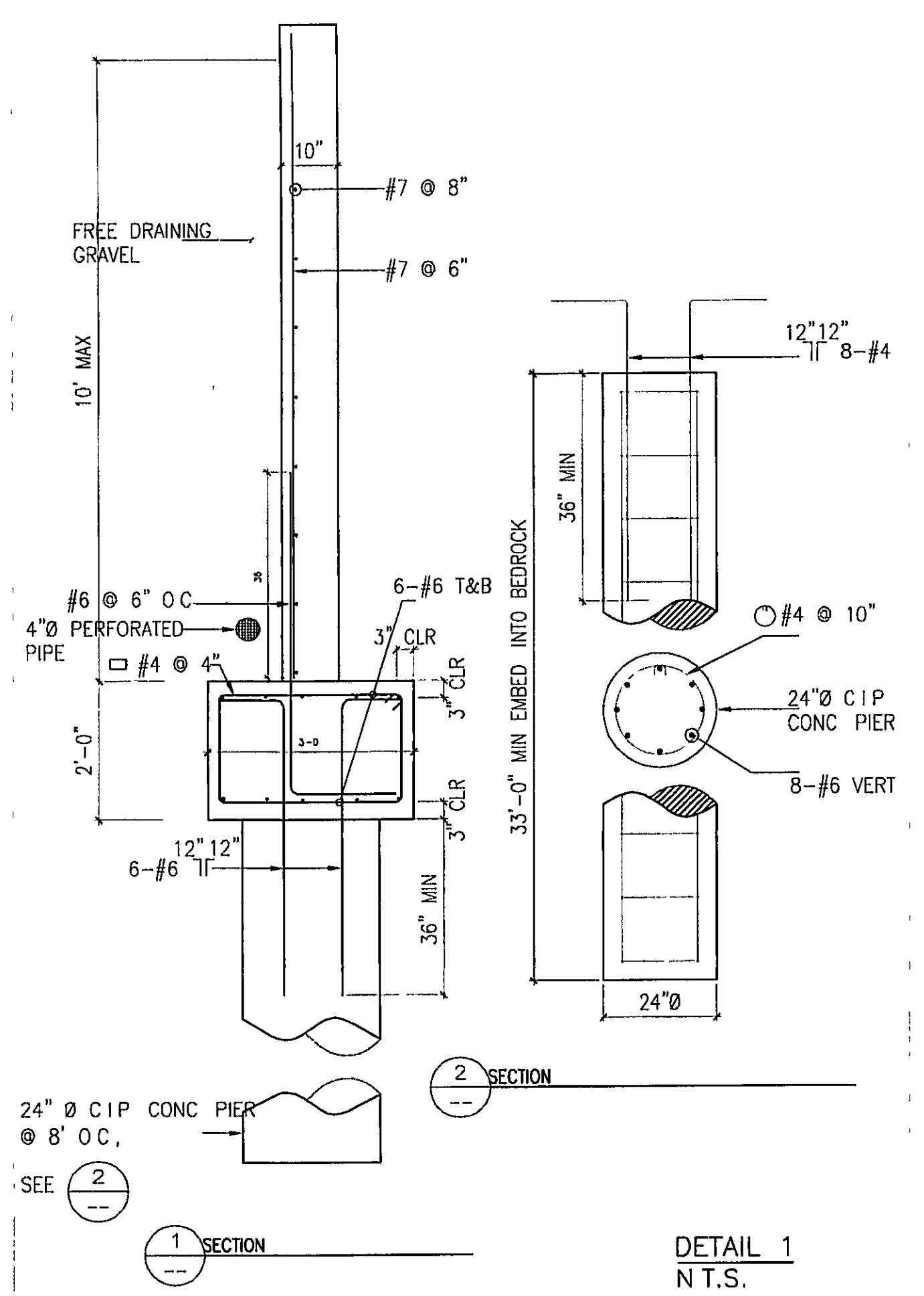
- 750 (E) CONTOURS
- 745 (N) CONTOURS
- PROPERTY LINE
- - - EX-FENCE
- - - SS - SS - SS - SS - SANITARY SEWER
- - - SD - SD - SD - STORM DRAINAGE
- - - W - W - W - WATER LINE
- EM ELECTR METER
- GM GAS METER
- INV INVERT
- XXXXXXXXXXXX PAVING HEADER
- /// FILL AREA
- CUT AREA
- ▬ RET. WALL

**CLEAN WATER AREAS (PERVIOUS)**

AREA #	SURFACE	PERVIOUS AREAS (SF)	LENGTH TO POINT OF CONCENTRATION
SW1	SHRUB LAND	45017	754
SW2	SHRUB LAND	44854	675
SW3	SHRUB LAND	63747	674

**CLEAN WATER AREAS (IMPERVIOUS)**

AREA #	SURFACE	IMPERVIOUS AREAS (SF)	LENGTH TO POINT OF CONCENTRATION
SW4	BUILDING ROOF	4350	169
SW4	PAVED YARD	2860	159
		<b>TOTAL</b>	<b>7210</b>



**RETAINING WALL SCHEDULE**

H	W	F1	F2	W1	W2	W3	SHORT	ⓐ	ⓑ	ⓒ	ⓓ	ⓔ	ⓕ
4'-6"	5'-10"	12"	24"	4'-0"	1'-0"	10"	#4@12"	#4@12"	#4@12"	#4@12"	#4@12"	#4@12"	#4@12"
0'-4"	3'-4"	12"	12"	1'-6"	1'-0"	10"	#4@18"	#4@18"	#4@18"	#4@18"	#4@18"	#4@18"	#4@18"

APPLICANT: VANDAYSHIA

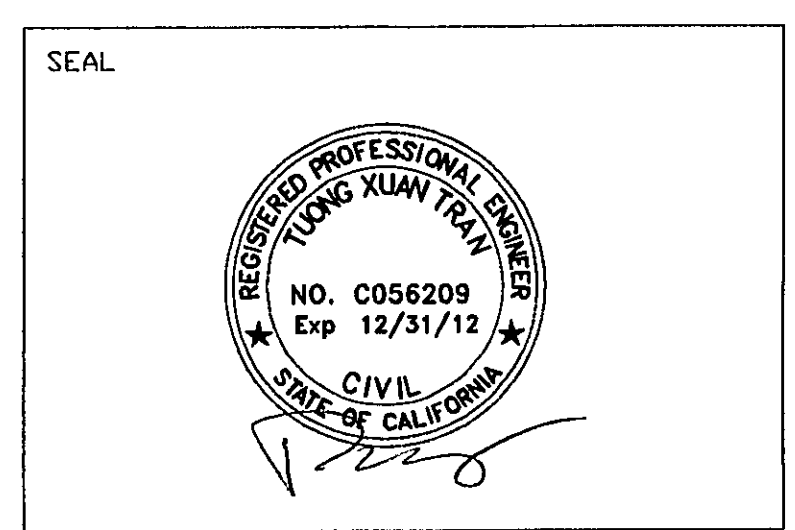
ROAD: SIMONI DR.

COUNTY FILE NO.: 6912-49-75-04B-04G

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surveyors - engineers - architects

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Tel: (408) 425-4523  
Fax: (408) 300-1027  
Email: info@tranvu.com



DATE 05-08-08

DRAWN BY V.K.		CHECKED BY T.T.	
REVISION	DATE	REVISION	DATE

**VANDAYSHIA ESTATE**

**APN 612-10-004**

15900 SIMONI DRIVE  
SAN JOSE, CA 95127

**OWNER**  
**VANDAYSHIA R.E.I.C.**

Phone: 408-829-2805

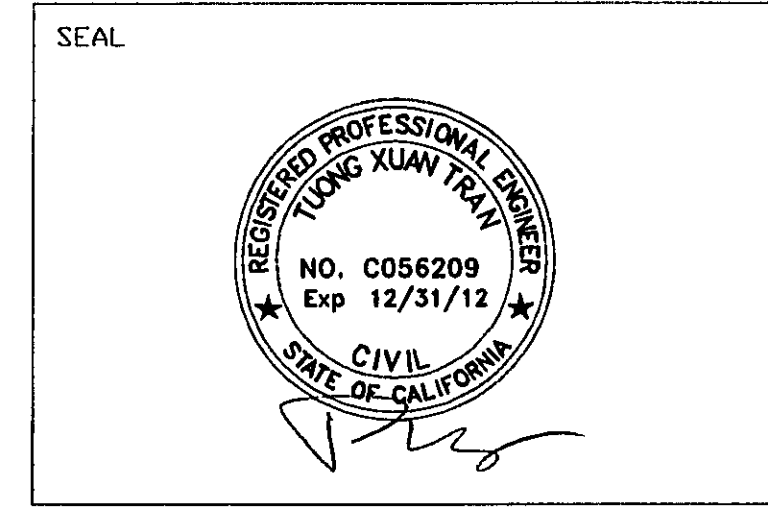
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MILPITAS, CA 95036

**DRAINAGE TRIBUTARY AREAS**

**SCALE: AS SHOWN**

PROJECT NO	SHEET.
PC 32632	C5
	5 of 12

526 Calero Ave, San Jose, CA 95123  
Tel: (408) 425-4523  
Fax: (408) 300-1027  
Email: info@tranvu.com



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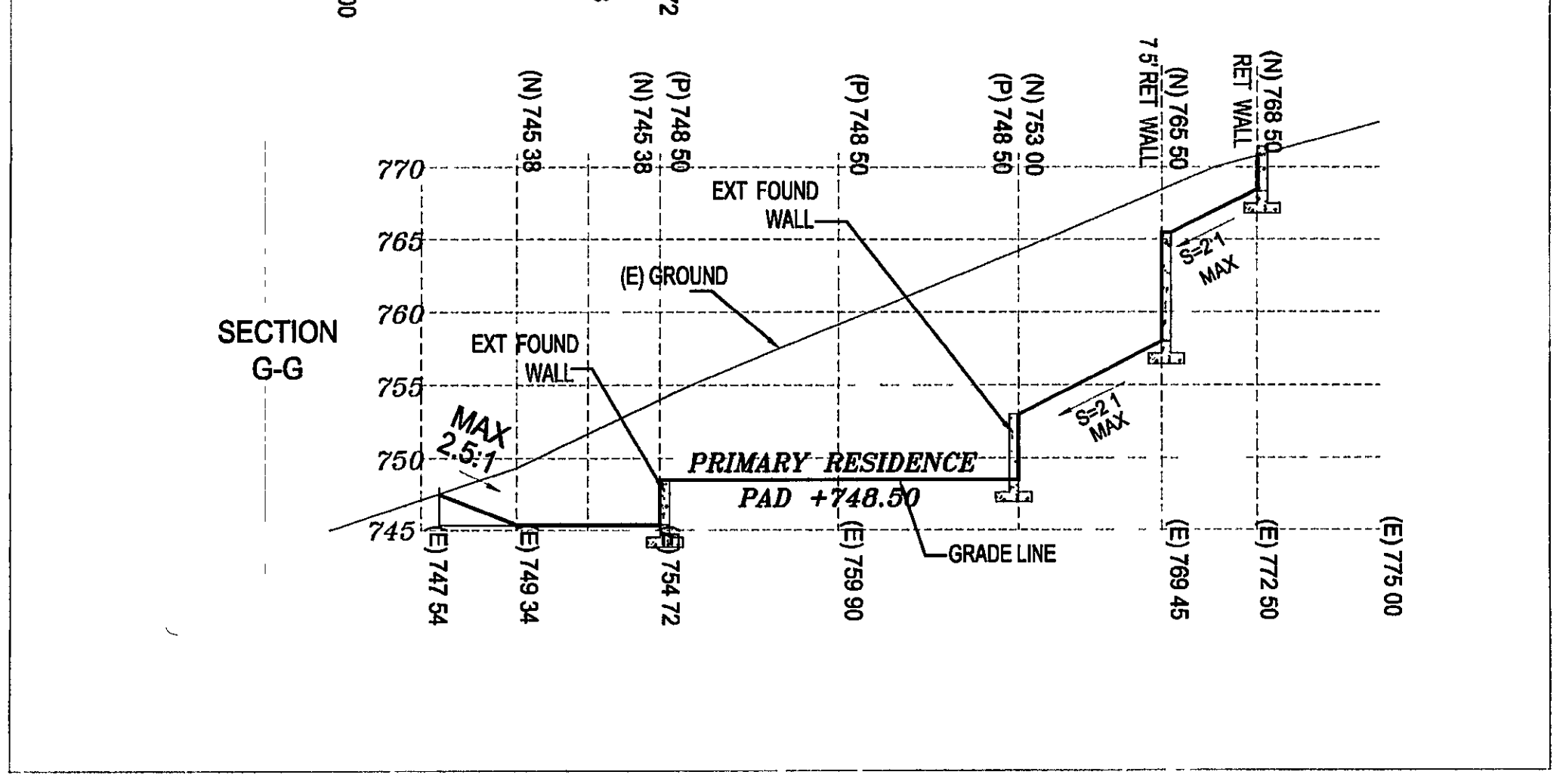
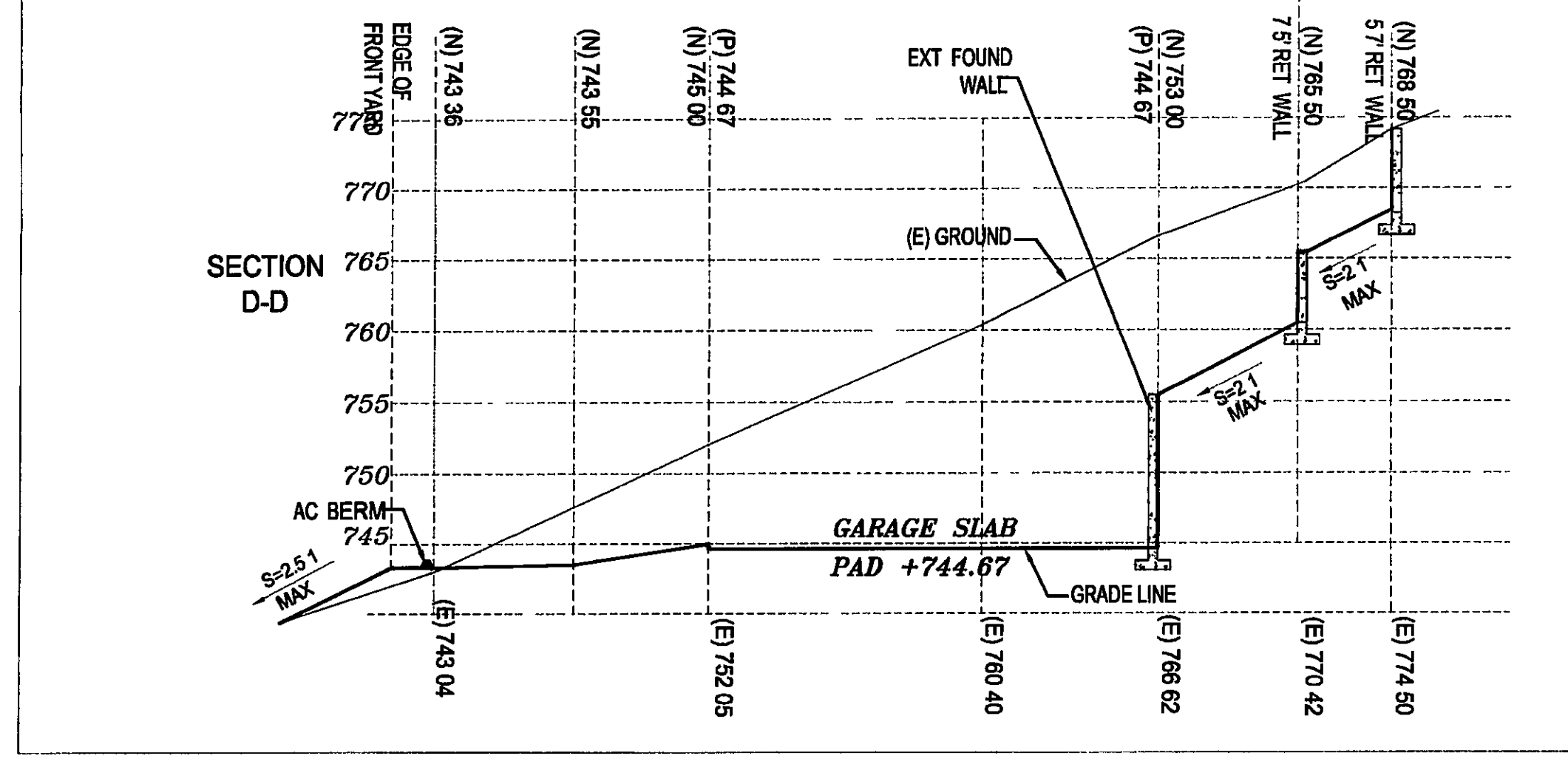
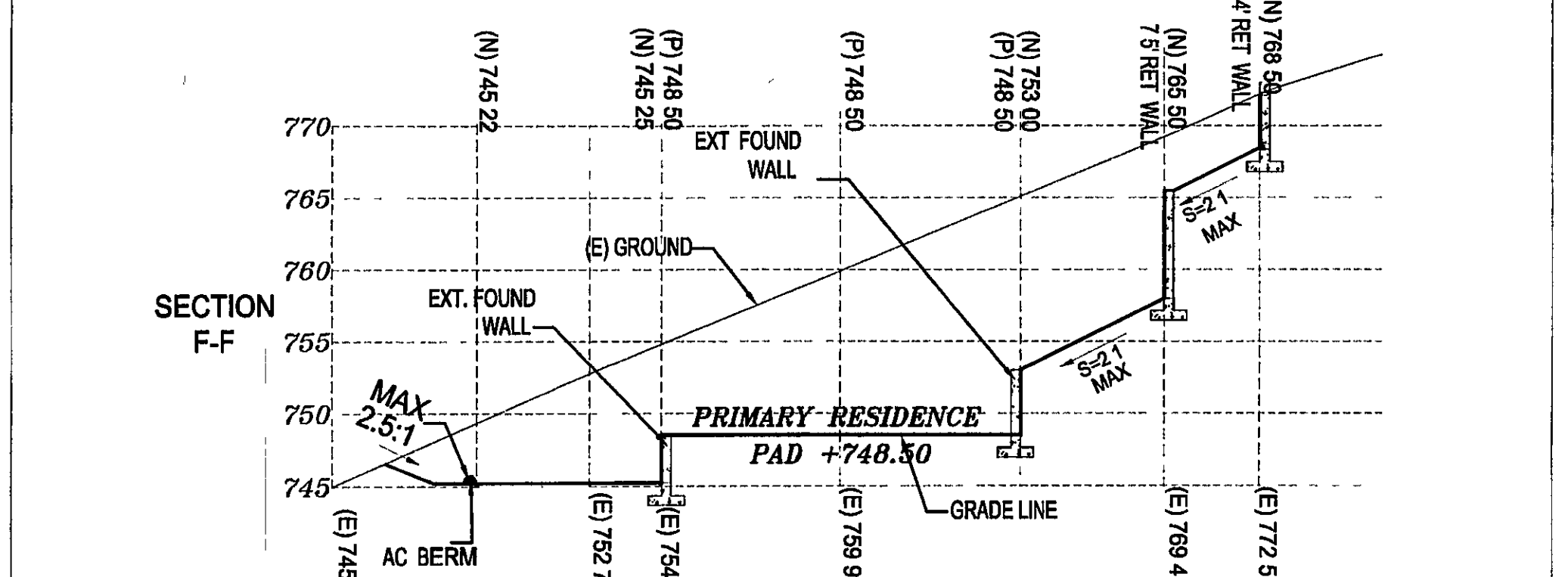
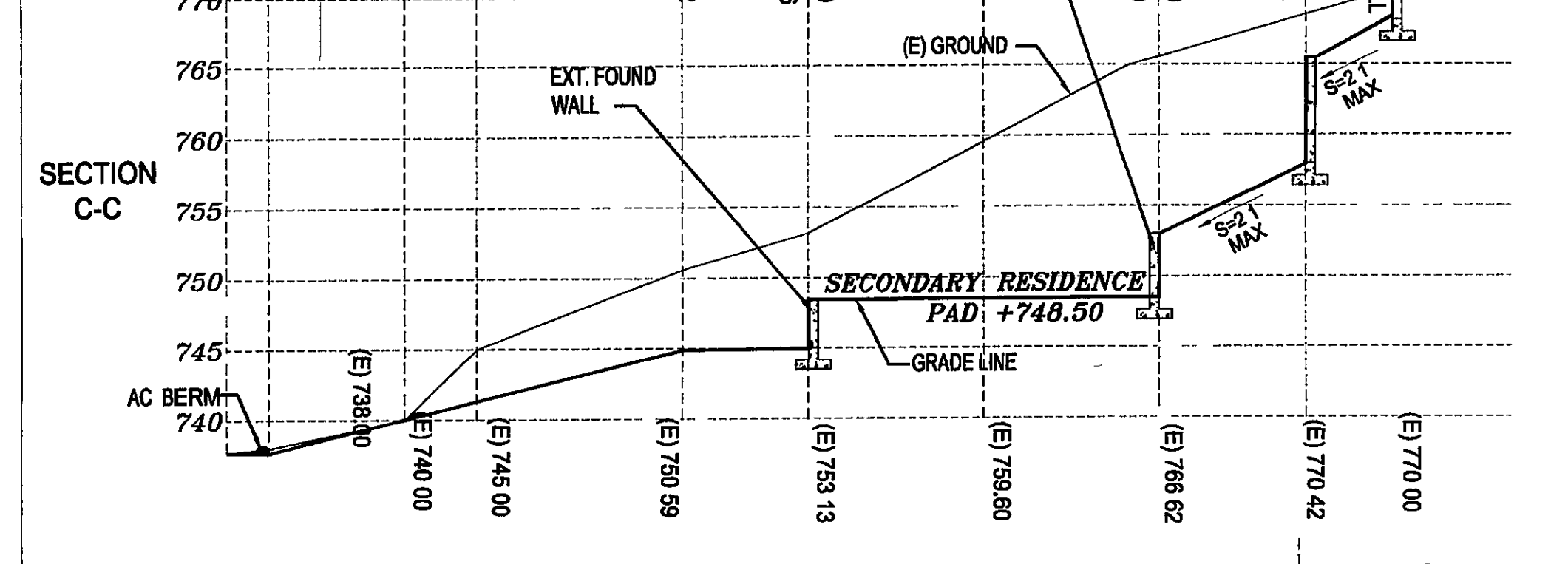
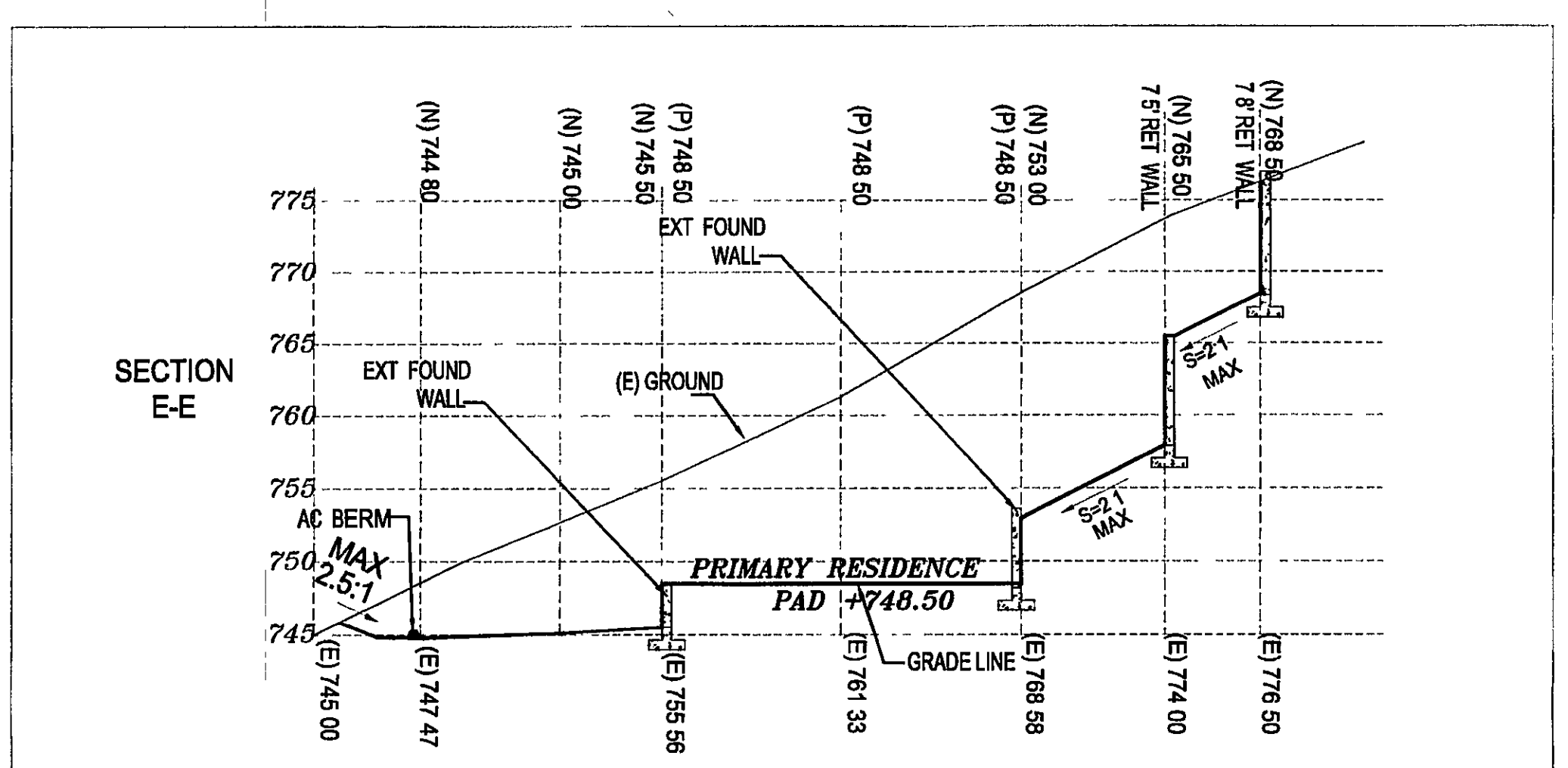
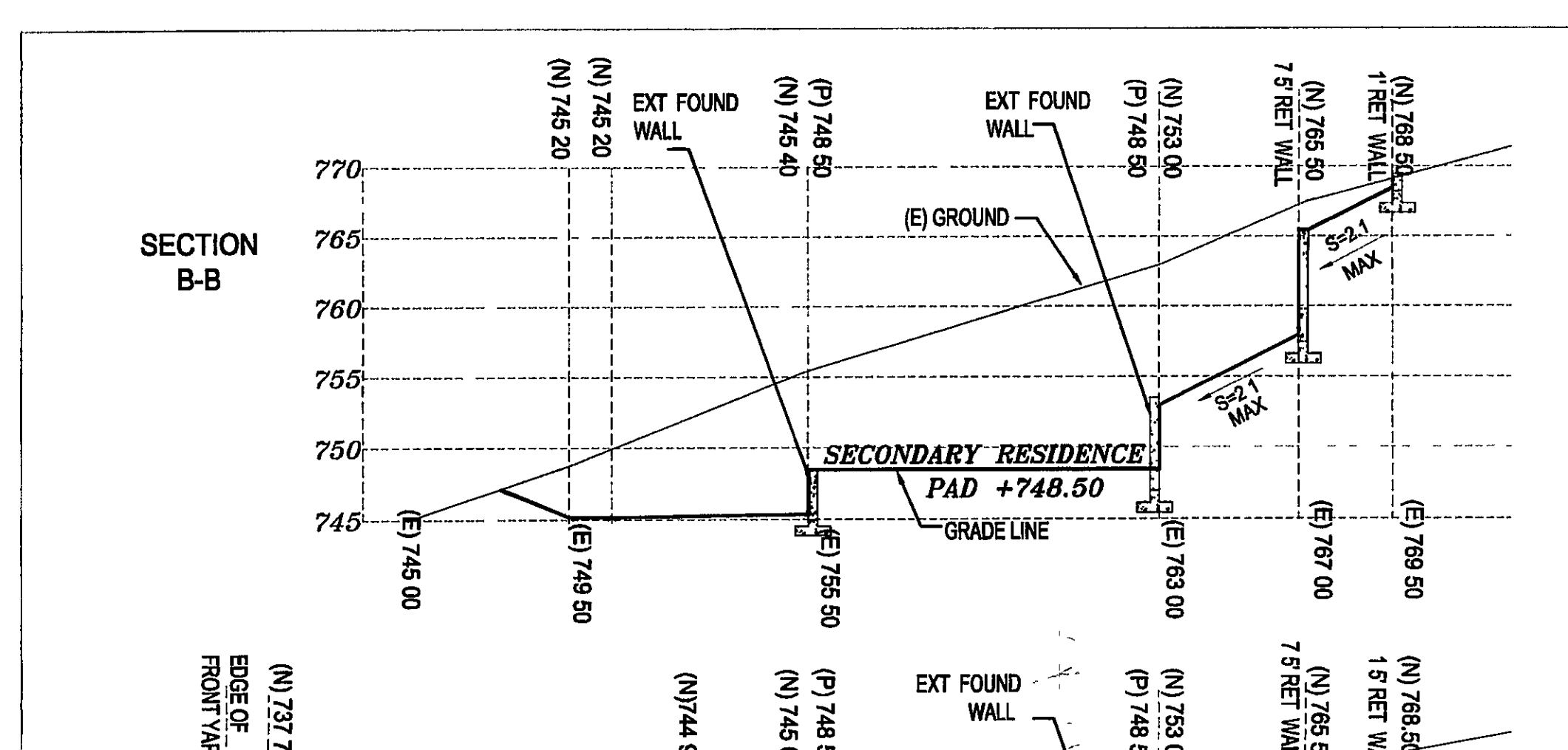
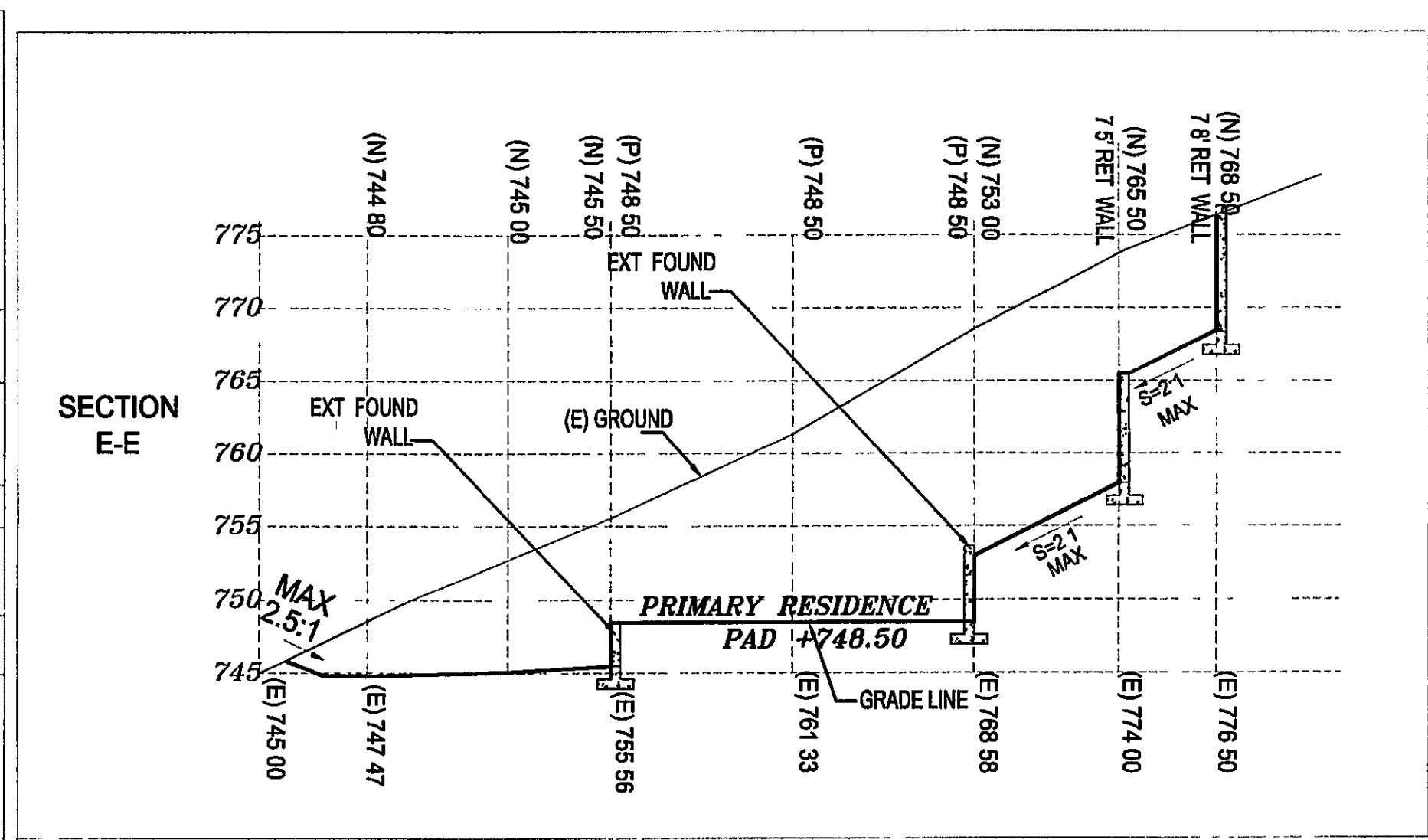
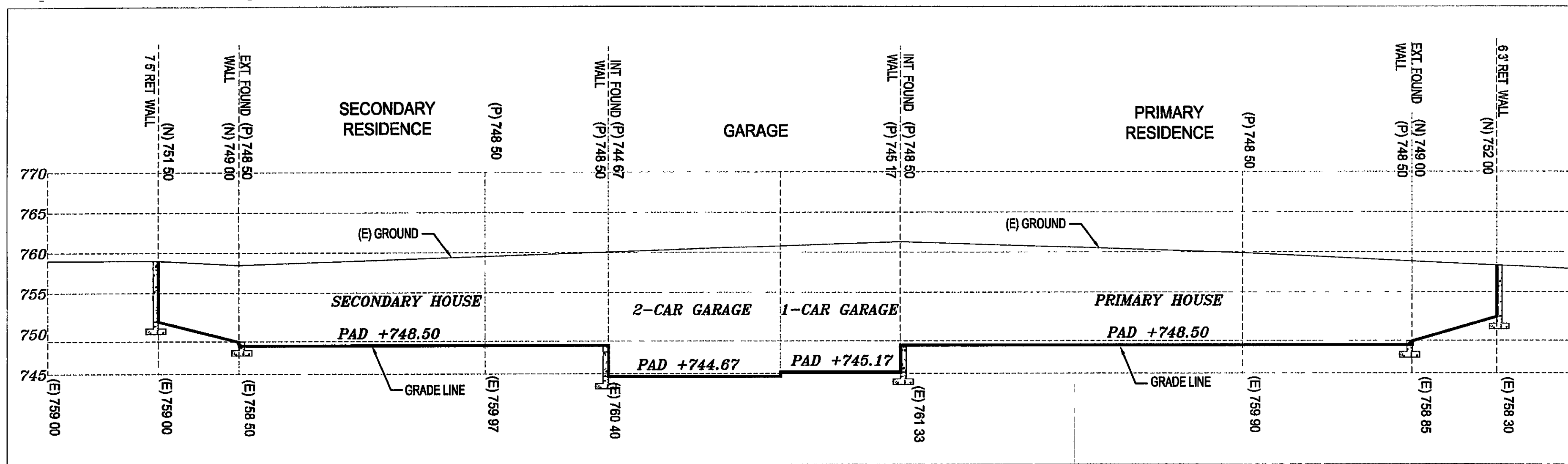
Phone: 408-829-2805

P.O. BOX 360577  
MILPITAS, CA 95036

**BUILDING GRADING SECTIONS**

SCALE: 1"=10'

PROJECT NO	SHEET
PC 32632	C6 6 of 12



**EARTHWORK VOLUME CALCULATIONS**

STATION	CUT A IN SF	FILL A IN SF	CUT V IN CY	FILL V IN CY	CU YD BALANCE
Section BB	503	8	597	10	
Section CC	548	9	523	9	-587
Section DD	698	138	662	79	-1101
Section EE	673	25	954	24	-1684
Section FF	536	5	395	2	-2614
Section GG	472	0			-3007
			3131	124	
			TOTAL EXCAVATION =	3131	CU YD
			TOTAL EMBANKMENT =	124	CU YD
			BALANCE =	3007	CU YD

STRUCTURE CUT AND FILL

**LEGENDS:**

[Symbol]	CUT
[Symbol]	FILL
[Symbol]	RET WALL
(P) 755.67	PAD ELEVATION
(N) 758.07	NEW ELEVATION
(E) 754.79	EXISTING ELEVATION

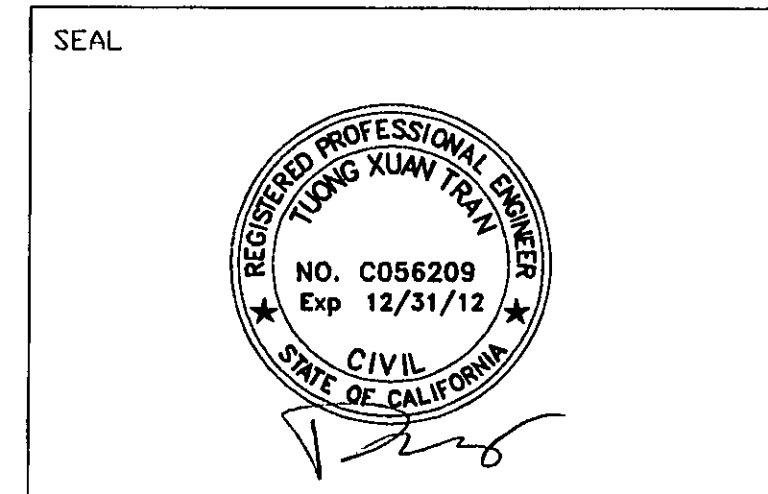
APPROVED FOR ISSUANCE  
REFER TO ENCROACHMENT AND/OR  
CONSTRUCTION PERMIT AND PLAN  
COVER SHEET FOR SPECIAL  
CONDITIONS AND PERMIT NUMBERS

APPLICANT: VANDAYSHIA

ROAD: SIMONI DR.

COUNTY FILE NO.: 6912-49-75-04B-04G

526 Calero Ave, San Jose, CA 95123  
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 Fax: (408) 300-1027  
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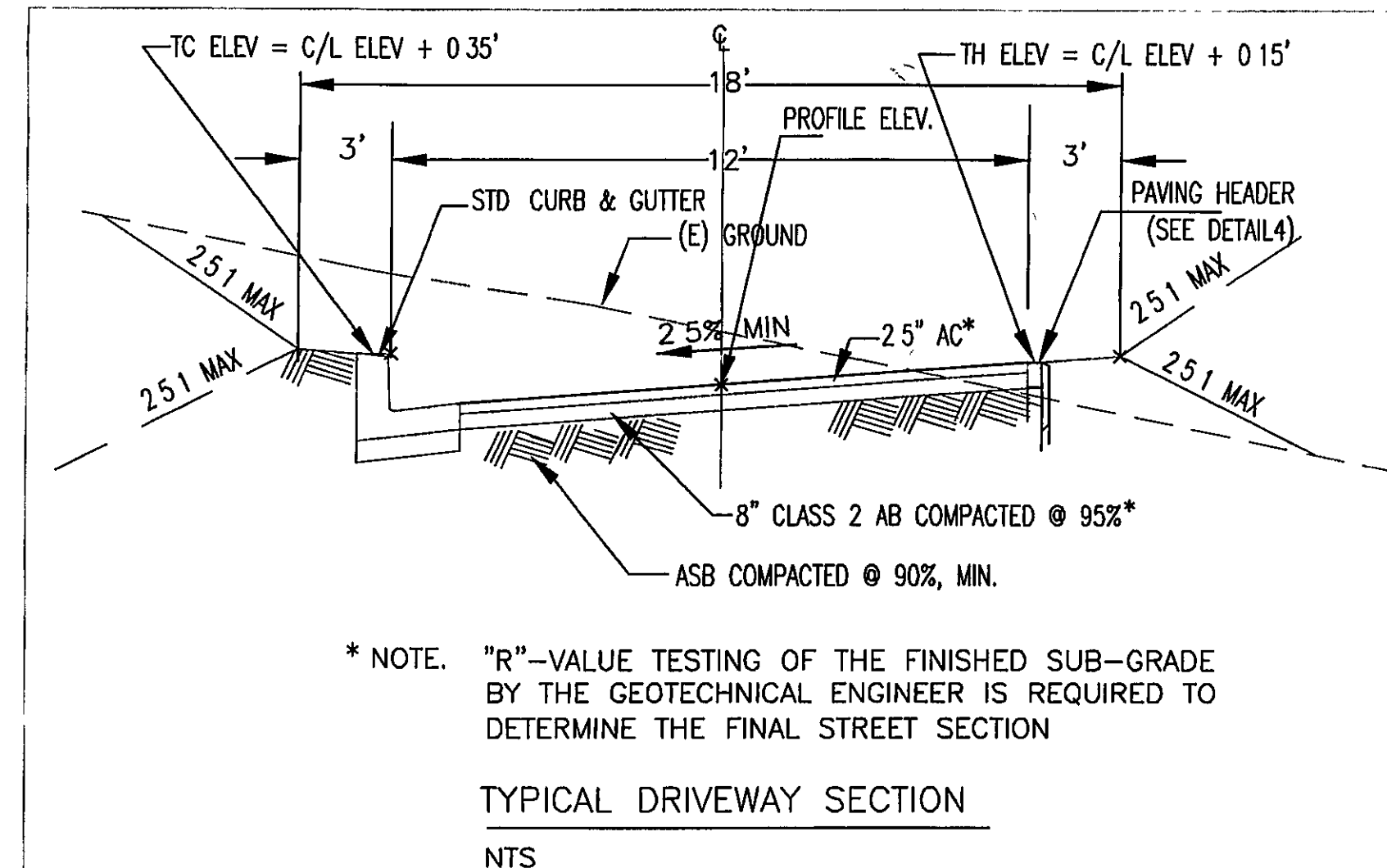
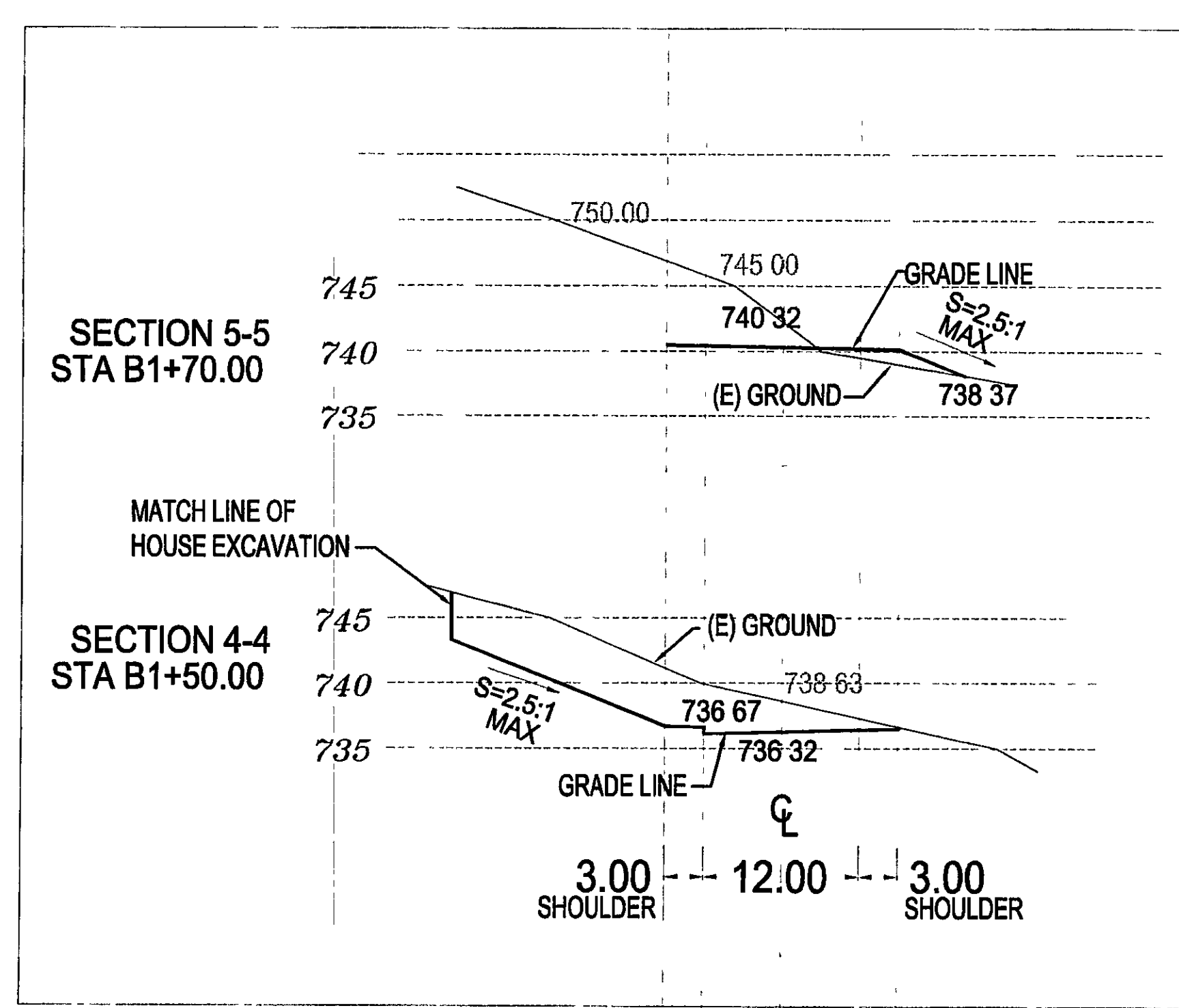
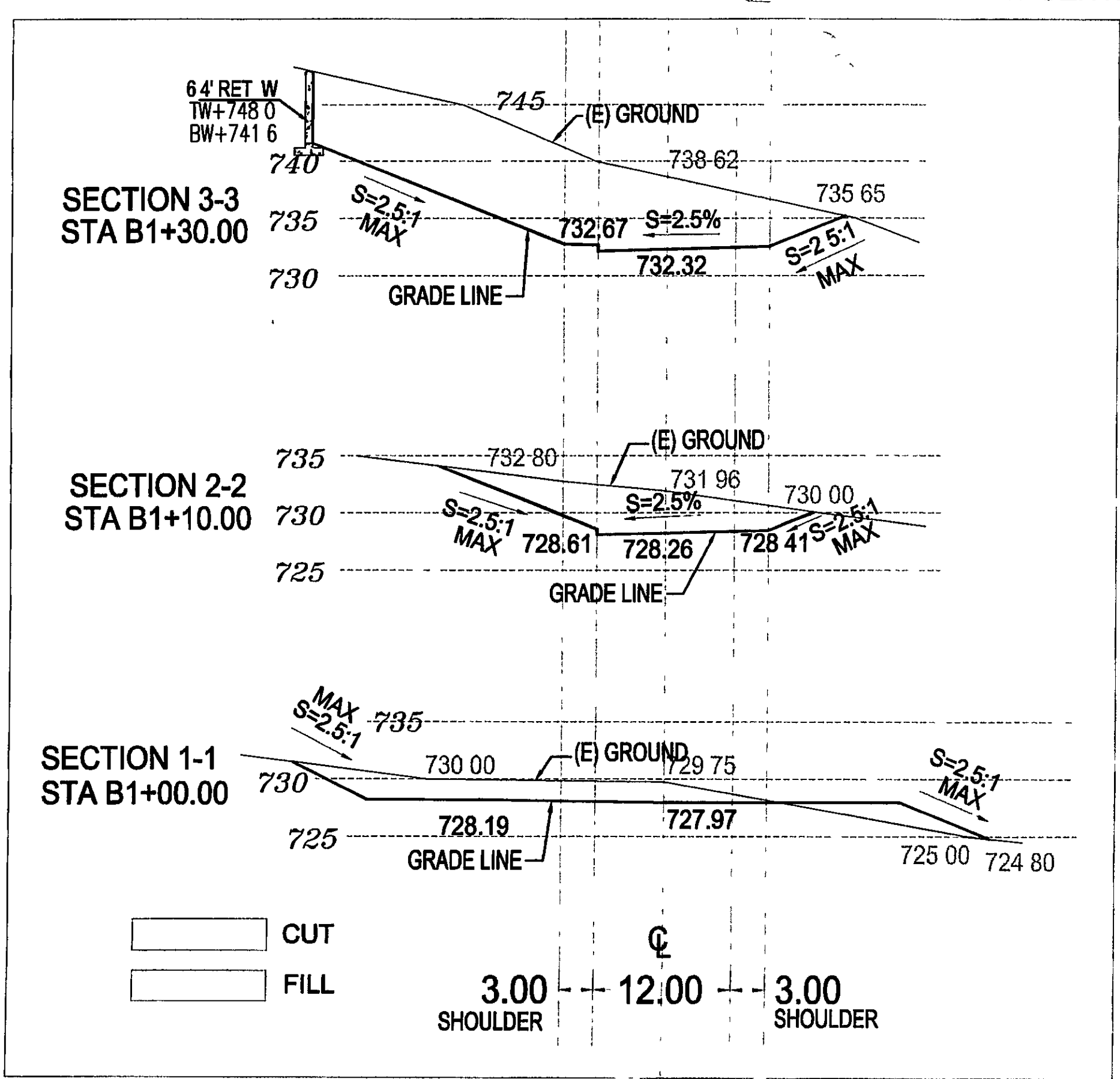
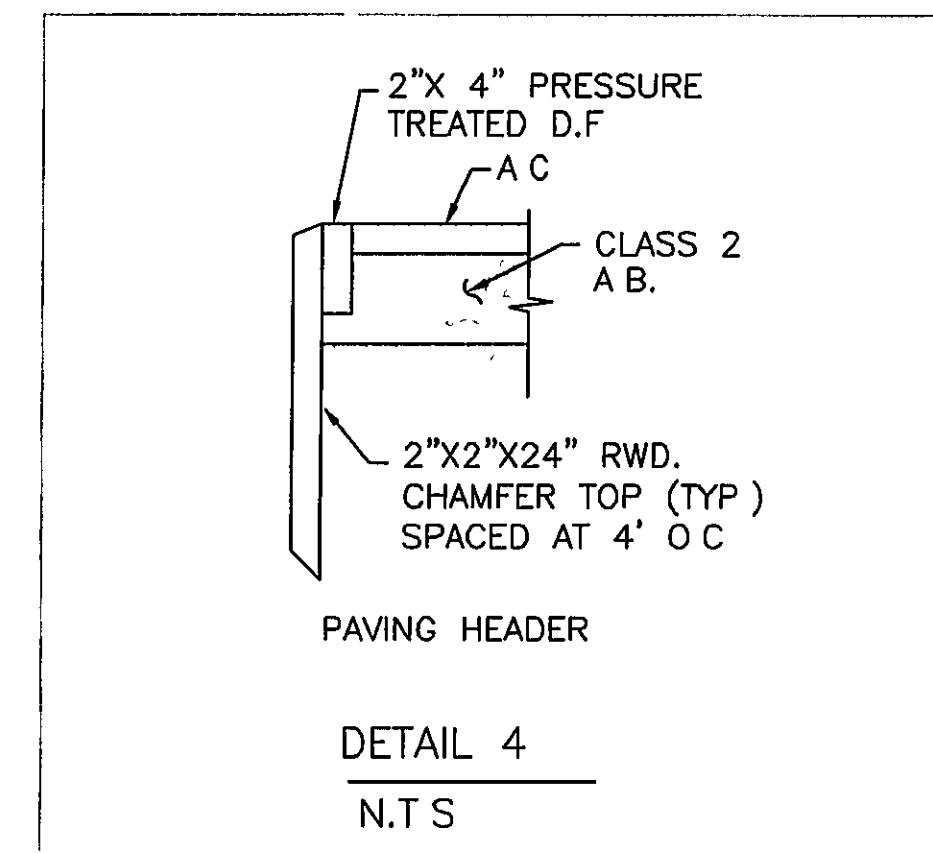
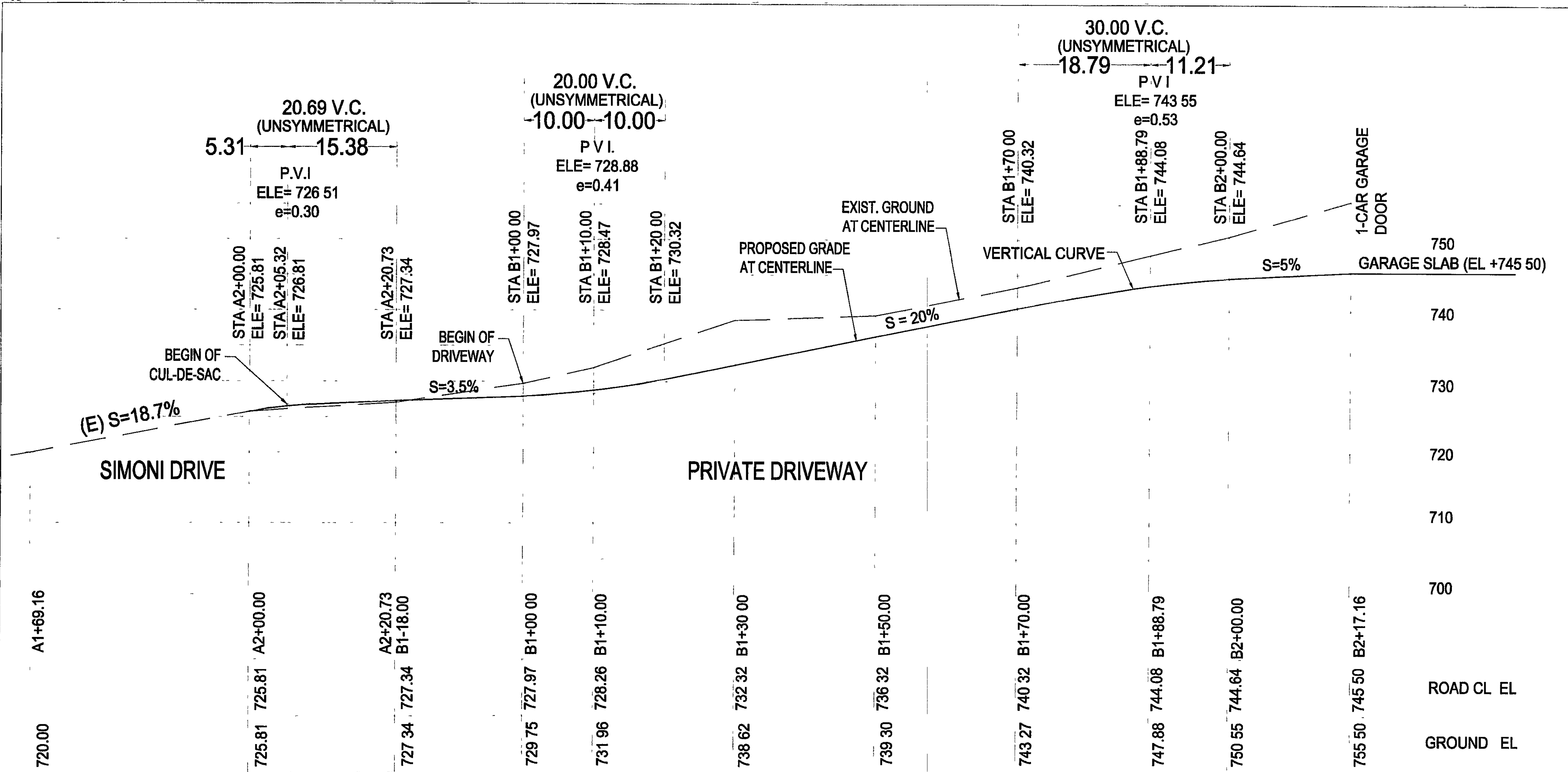


DATE 05-08-08			
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REVISION	DATE	REVISION	DATE

**VANDAYSHIA ESTATE**  
 APN 612-10-004  
 15900 SIMONI DRIVE  
 SAN JOSE, CA 95127

**OWNER**  
**VANDAYSHIA R.E.I.C.**  
 Phone: 408-829-2805  
 P.O. BOX 360577  
 MILPITAS, CA 95036

**DRIVERWAY**  
 SCALE: 1"=10'  
 PROJECT NO. PC 32632 SHEET **C7**  
 7 of 12



**EARTHWORK VOLUME CALCULATIONS**

STATION	CUT A IN SF	FILL A IN SF	CUT V IN CY	FILL V IN CY	CU YD BALANCE
Section 1-1	63	18	28	3	-25
Section 2-2	91	0	146	0	-171
Section 3-3	302	0	153	0	-324
Section 4-4	111	0	41	2	-363
Section 5-5	0	6	368	5	-363
TOTAL EXCAVATION			368		CU YD
TOTAL EMBANKMENT				5	CU YD
BALANCE				363	CU YD

DRIVEWAY CUT AND FILL

APPROVED FOR ISSUANCE  
 REFER TO ENCROACHMENT AND/OR  
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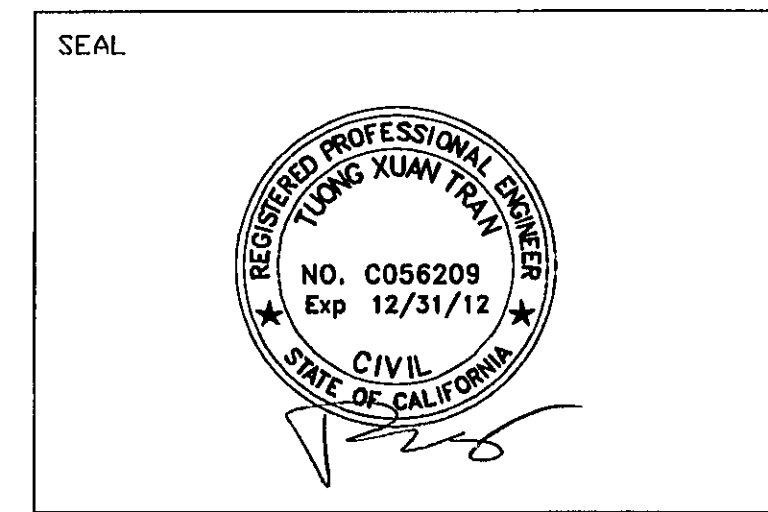
APPLICANT: VANDAYSHIA

ROAD: SIMONI DR.

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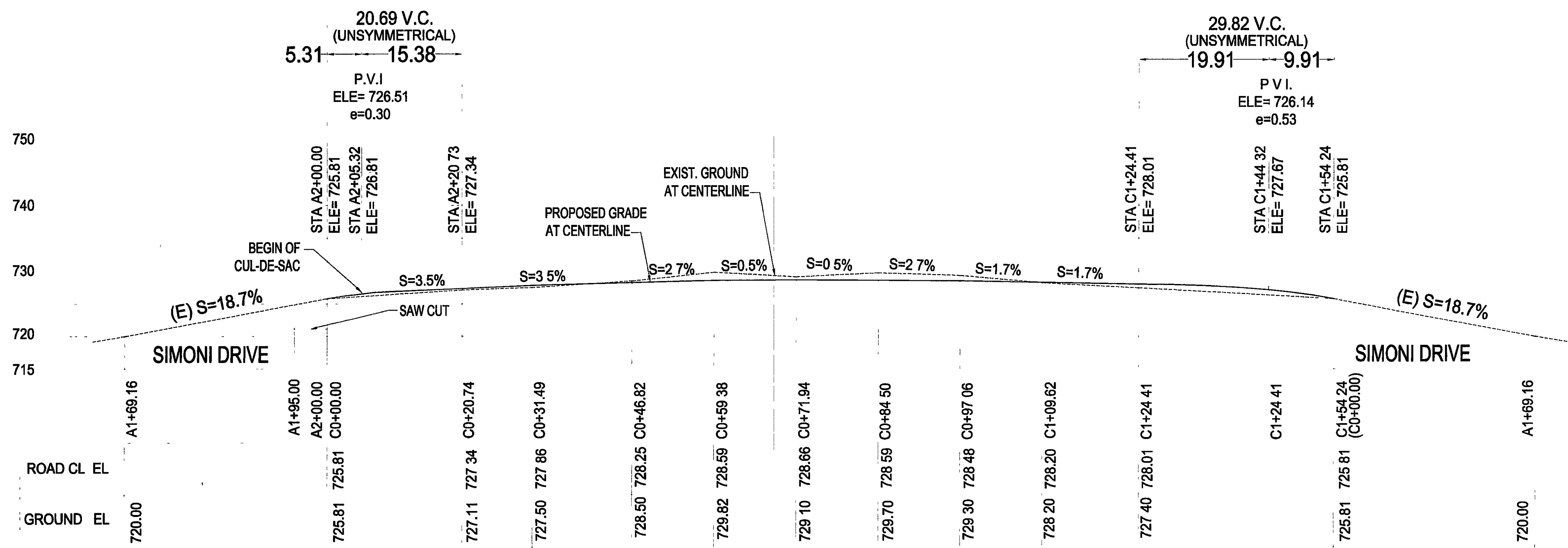
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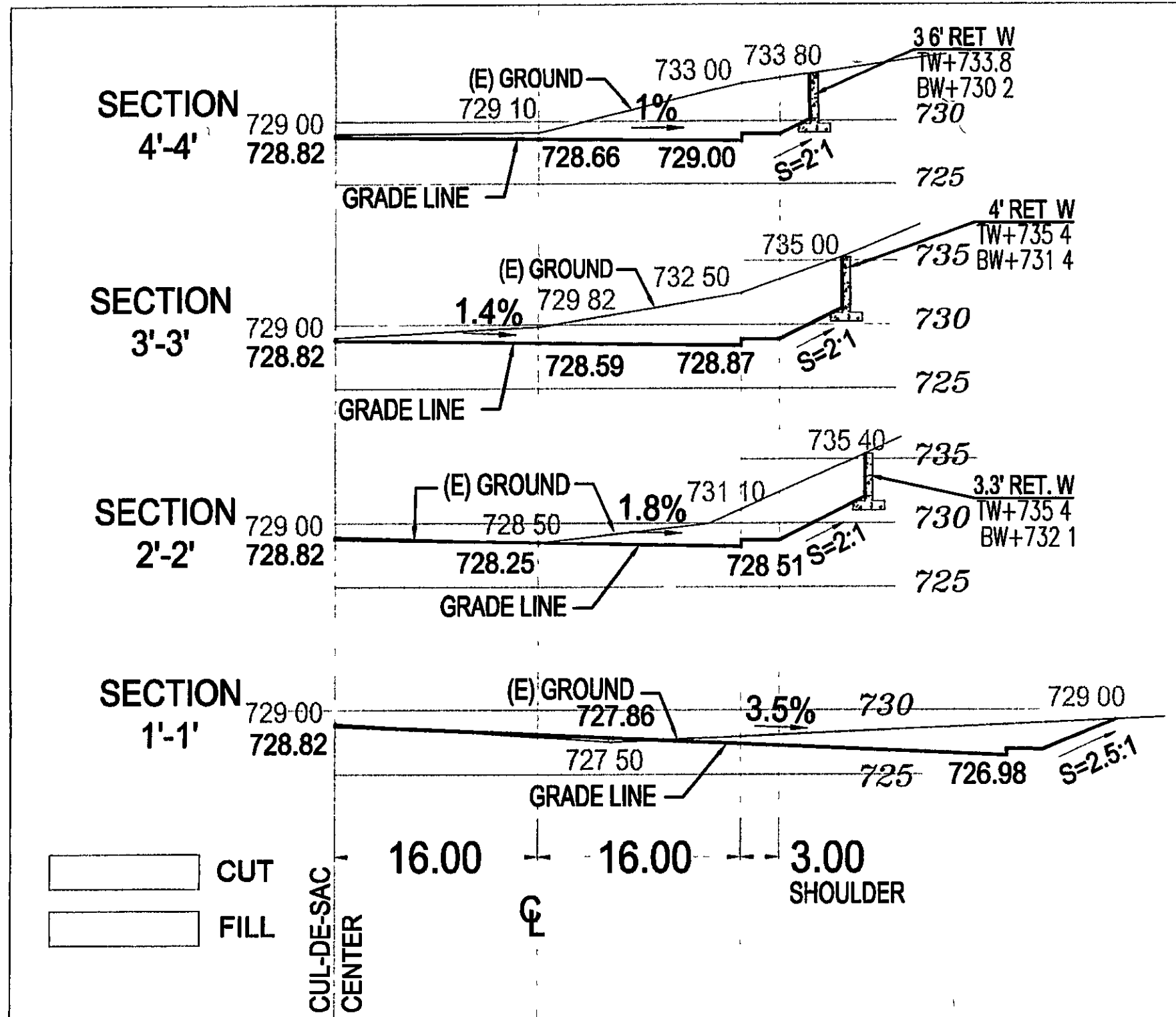
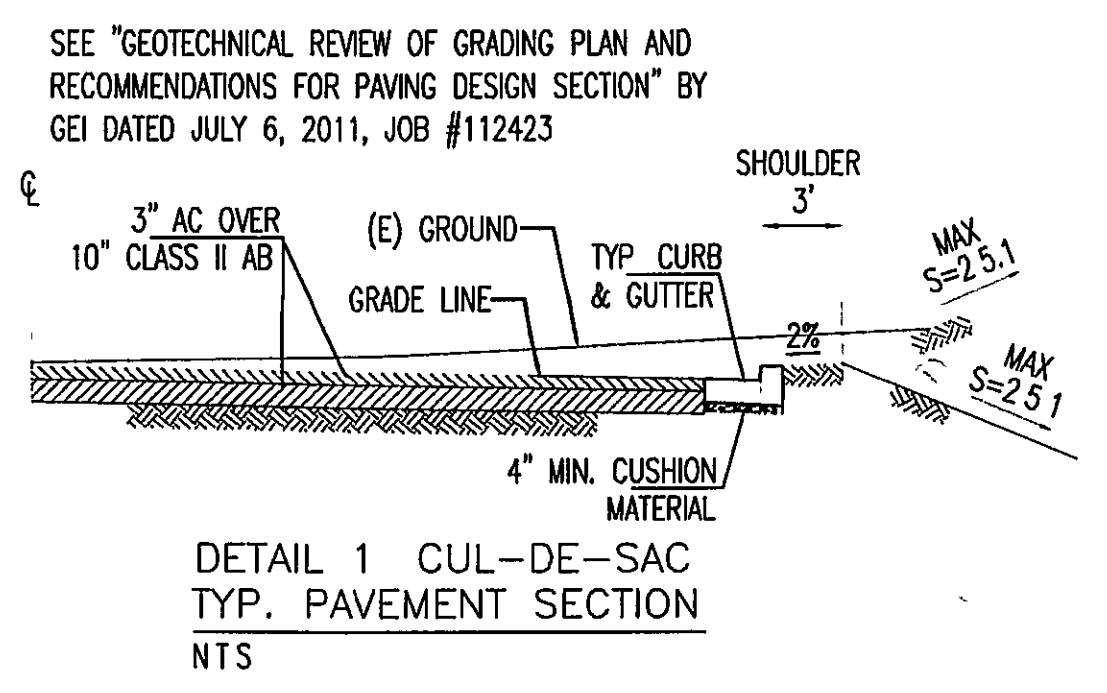
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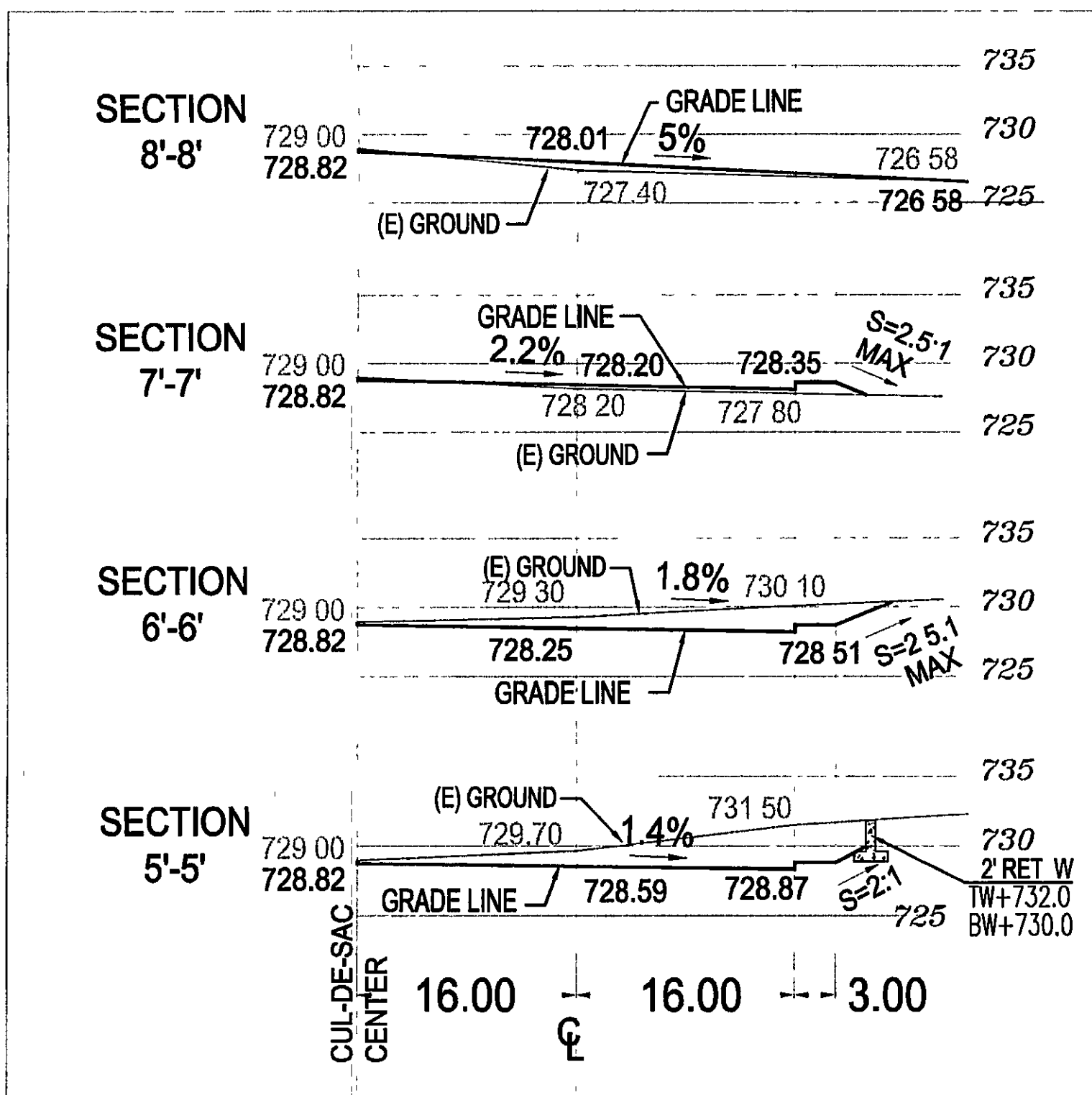
**CUL-DE-SAC**  
  
SCALE: 1"=10'  
PROJECT NO: PC 32632 SHEET: C8  
8 of 12



CUL-DE-SAC CENTER LINE PROFILE, REFER TO PLAN ON SHEET C4  
STA C0+00.00 TO STA C1+54.24 (C0+00.00) SCALE: 1"=10'



CUL-DE-SAC SECTIONS  
SCALE 1"=10'



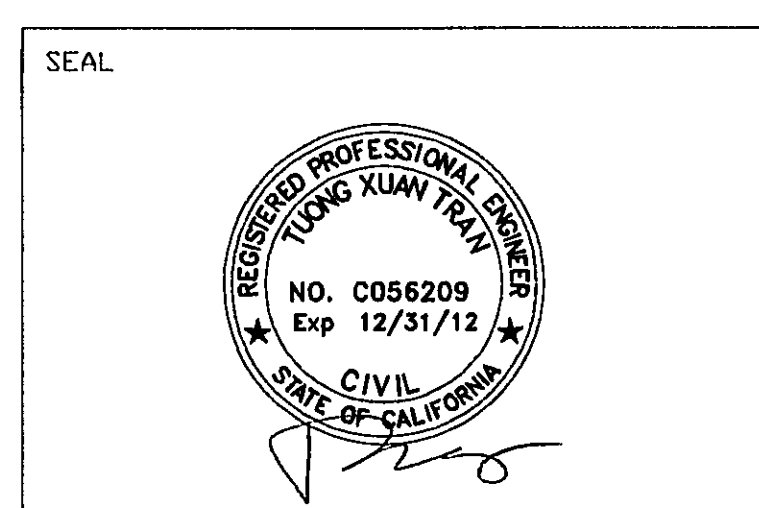
EARTHWORK VOLUME CALCULATIONS

STATION	CUT A IN SF	FILL A IN SF	CUT V IN CY	FILL V IN CY	CU YD BALANCE
Section 1'-1'	46	0	18	0	-18
Section 2'-2'	30	0	25	0	-43
Section 3'-3'	77	0	35	0	-78
Section 4'-4'	75	0	35	0	-113
Section 5'-5'	76	0	25	0	-138
Section 6'-6'	33	0	8	2	-144
Section 7'-7'	0	9	0	5	-139
Section 8'-8'	0	13	11	3	-147
Section 1'-1'	46	0	157	10	-147
TOTAL EXCAVATION			157	10	
TOTAL EMBANKMENT				10	
BALANCE					147

CUL-DE-SAC CUT AND FILL



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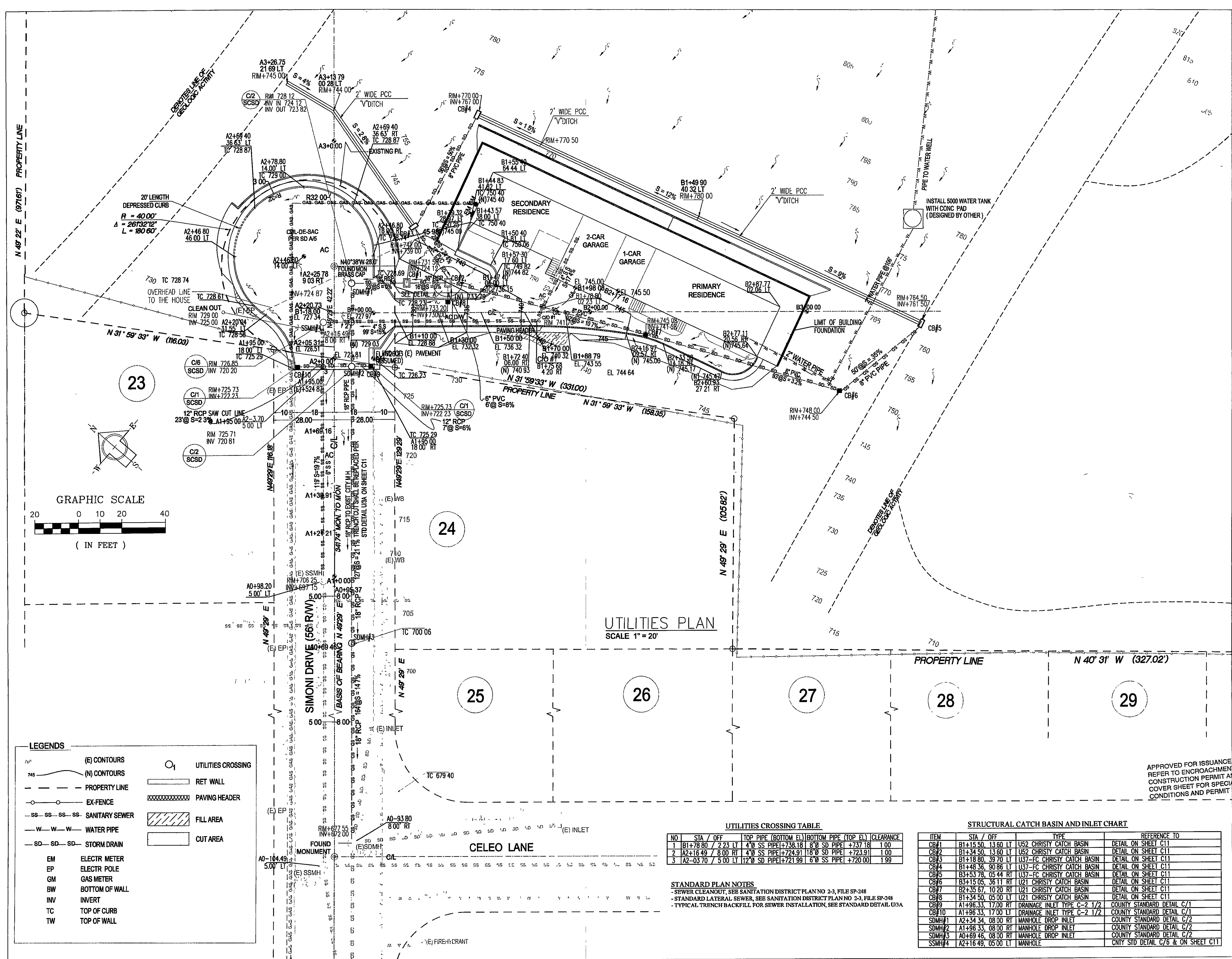
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**VANDAYSHIA ESTATE**  
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 MILPITAS, CA 95036

**STORM DRAIN LINES AND UTILITIES PLAN**  
 SCALE: AS SHOWN  
 PROJECT NO: PC 32632  
 SHEET: C9  
 9 of 12



**LEGENDS**

(E) CONTOURS	○	UTILITIES CROSSING
(N) CONTOURS	□	RET WALL
— — — — — PROPERTY LINE	▨	PAVING HEADER
— — — — — EX-FENCE	▩	FILL AREA
— SS — SS — SS — SANITARY SEWER	□	CUT AREA
— W — W — W — WATER PIPE		
— SD — SD — SD — STORM DRAIN		
EM ELECTRIC METER		
EP ELECTRIC POLE		
GM GAS METER		
BW BOTTOM OF WALL		
INV INVERT		
TC TOP OF CURB		
TW TOP OF WALL		

**UTILITIES CROSSING TABLE**

NO	STA / OFF	TOP PIPE (BOTTOM EL)	BOTTOM PIPE (TOP EL)	CLEARANCE
1	B1+78.80 / 2.23 LT	4" SS PIPE+738.18	8" SD PIPE +737.18	1.00
2	A2+16.49 / 8.00 RT	4" SS PIPE+724.91	118" SD PIPE +723.91	1.00
3	A2-03.70 / 5.00 LT	12" SD PIPE+721.99	6" SS PIPE +720.00	1.99

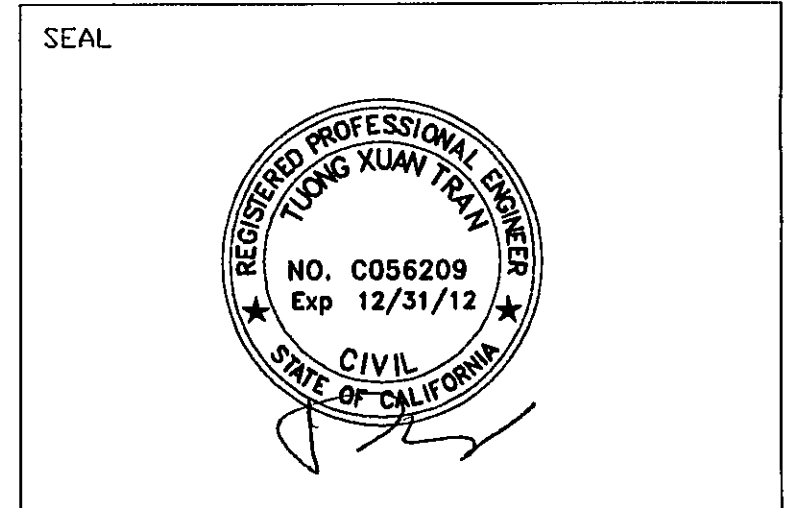
**STRUCTURAL CATCH BASIN AND INLET CHART**

ITEM	STA / OFF	TYPE	REFERENCE TO
CB#1	B1+15.50, 13.60 LT	U52 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#2	B1+34.50, 13.60 LT	U52 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#3	B1+18.80, 38.70 LT	U37-FC CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#4	B1+48.36, 90.86 LT	U37-FC CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#5	B3+53.78, 05.44 RT	U37-FC CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#6	B3+15.05, 36.11 RT	U21 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#7	B2+35.67, 10.20 RT	U21 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#8	B1+34.50, 05.00 LT	U21 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#9	A1+96.33, 17.00 RT	DRAINAGE INLET TYPE C-2 1/2	COUNTY STANDARD DETAIL C/1
CB#10	A1+96.33, 17.00 LT	DRAINAGE INLET TYPE C-2 1/2	COUNTY STANDARD DETAIL C/1
SDMH#1	A2+34.34, 08.00 RT	MANHOLE DROP INLET	COUNTY STANDARD DETAIL C/2
SDMH#2	A1+96.33, 08.00 RT	MANHOLE DROP INLET	COUNTY STANDARD DETAIL C/2
SDMH#3	A0+69.46, 08.00 RT	MANHOLE DROP INLET	COUNTY STANDARD DETAIL C/2
SSMH#4	A2+16.49, 05.00 LT	MANHOLE	CNTY STD DETAIL C/6 & ON SHEET C11

**STANDARD PLAN NOTES**  
 -SEWER CLEANOUT, SEE SANITATION DISTRICT PLAN NO 2-3, FILE SP-248  
 -STANDARD LATERAL SEWER, SEE SANITATION DISTRICT PLAN NO 2-3, FILE SP-248  
 -TYPICAL TRENCH BACKFILL FOR SEWER INSTALLATION, SEE STANDARD DETAIL U/A



526 Calero Ave, San Jose, CA 95123  
 Tel: (408) 425-4523  
 Fax: (408) 300-1027  
 Email: info@tranvu.com



DATE: 05-08-08

DRAWN BY V K		CHECKED BY T T	
REVISION	DATE	REVISION	DATE

**VANDAYSHIA ESTATE**

**APN 612-10-004**

15900 SIMONI DRIVE  
 SAN JOSE, CA 95127

**OWNER**

**VANDAYSHIA R.E.I.C.**

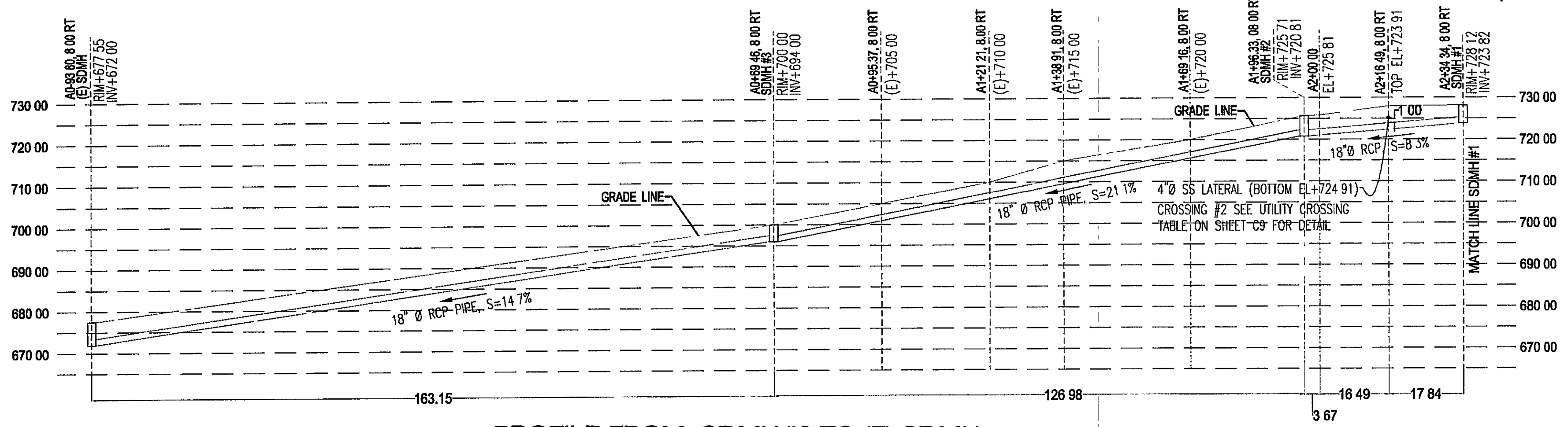
Phone: 408-829-2805

P.O. BOX 360577  
 MILPITAS, CA 95036

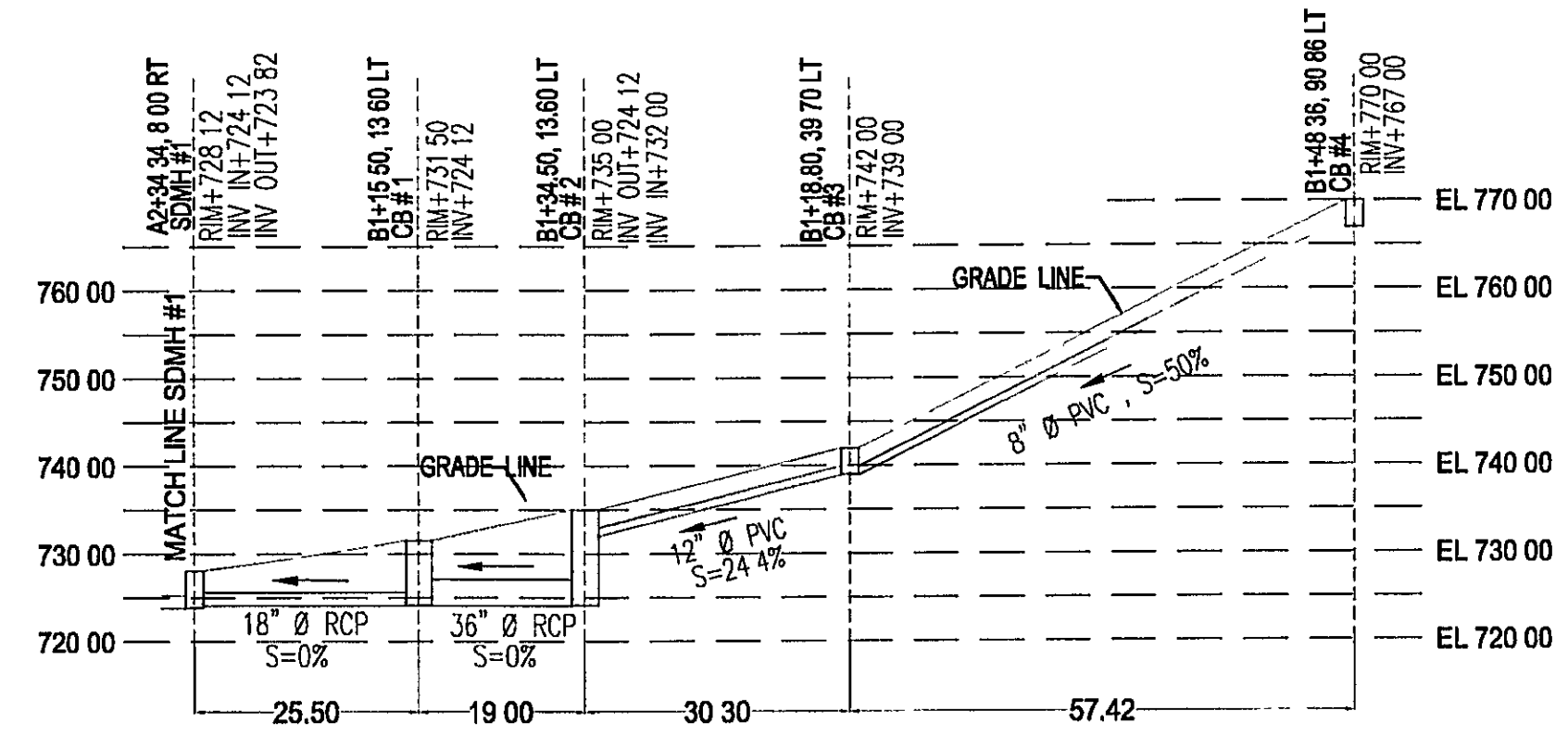
**STORM DRAIN LINE AND UTILITY PROFILES**

SCALE: AS SHOWN

PROJECT NO	SHEET
PC 32632	C10 10 of 12

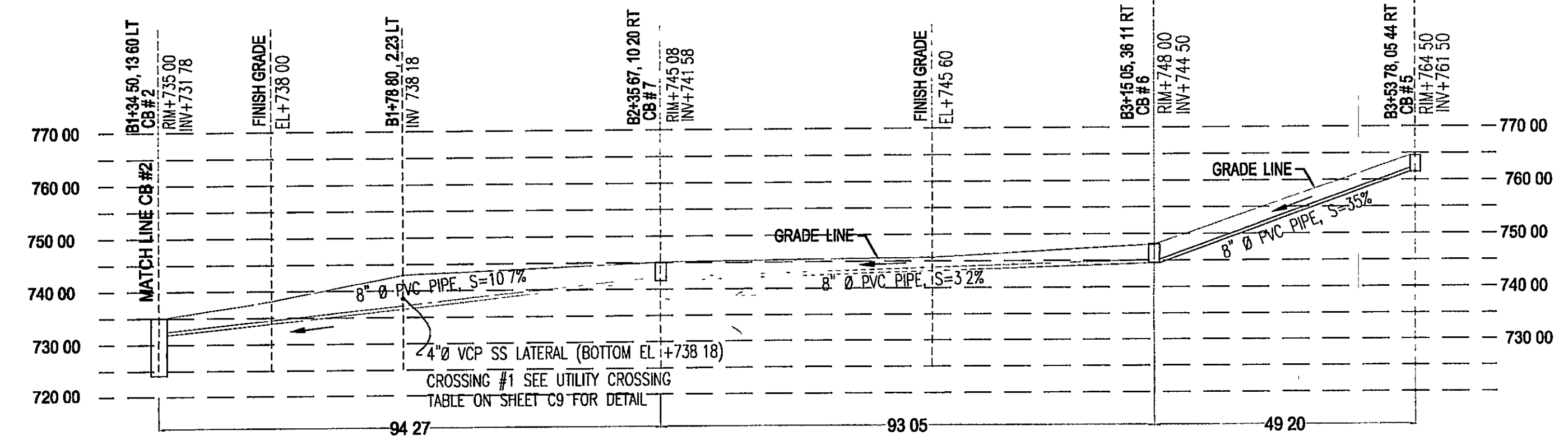


**PROFILE FROM SDMH#2 TO (E) SDMH**  
 SCALE 1" = 20'

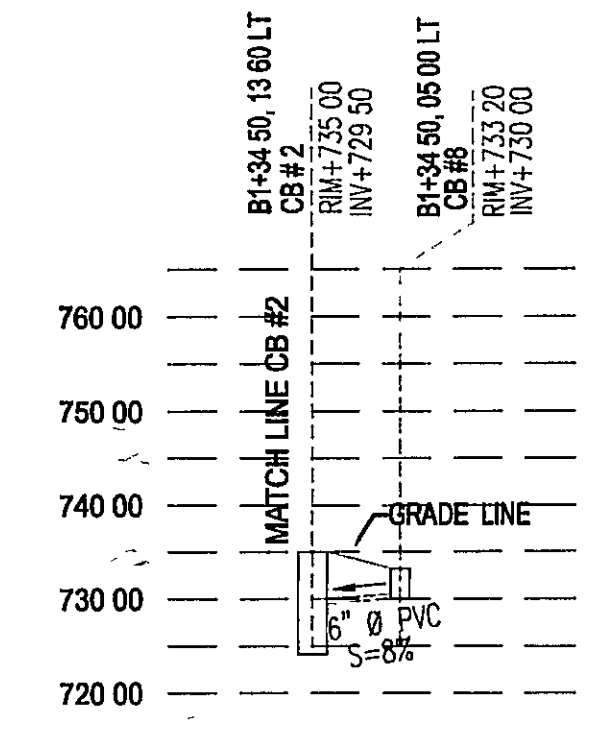


**PROFILE FROM CB #4 TO SDMH #2**  
 SCALE 1" = 20'

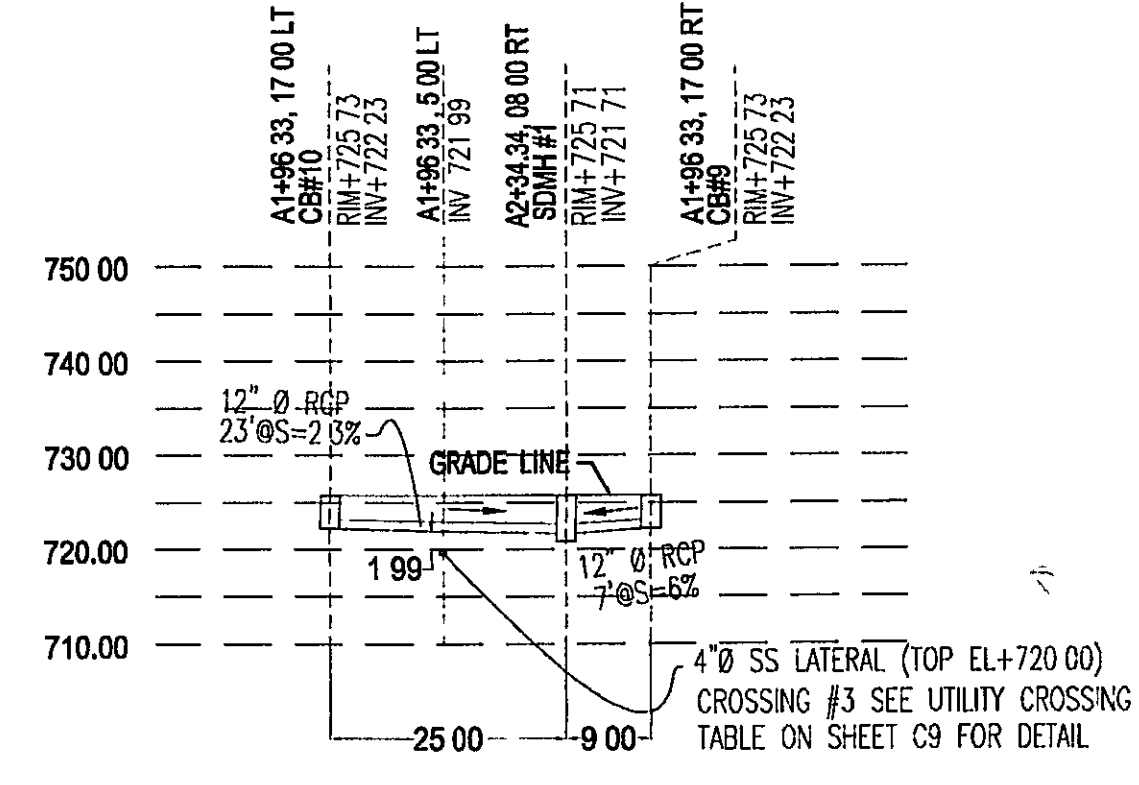
**STORM DRAIN PROFILE**



**PROFILE FROM CB #5 TO CB #2**  
 SCALE 1" = 20'

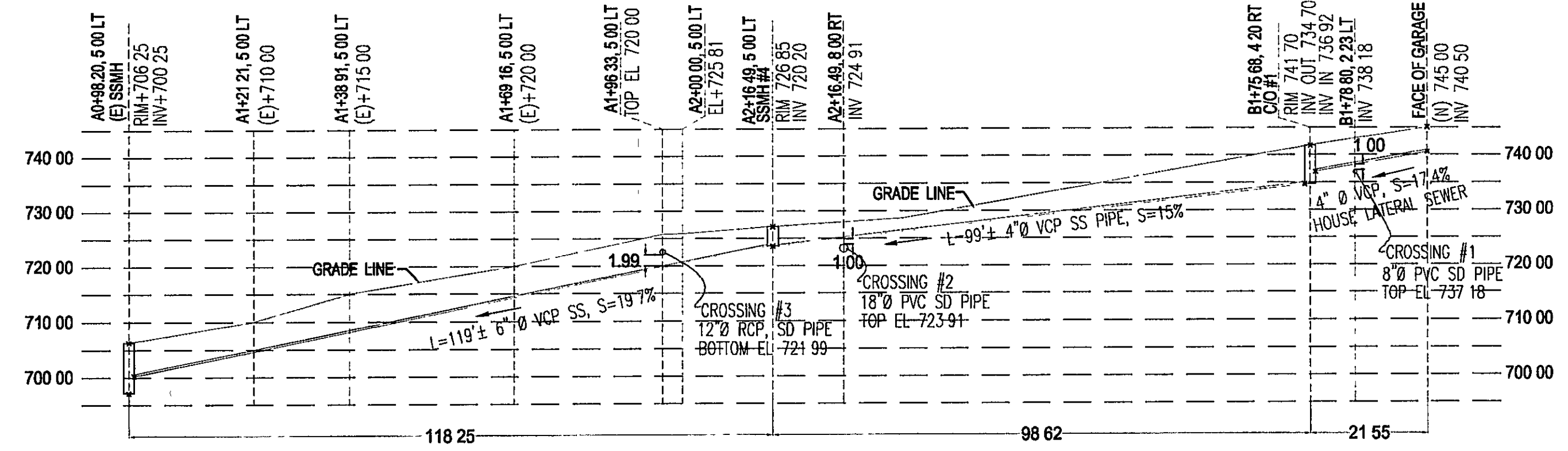


**FROM CB #8 TO CB #2**  
 SCALE 1" = 20'



**FROM CB #9 TO CB #10**  
 SCALE 1" = 20'

**STORM DRAIN PROFILE**



**PROFILE OF SANITARY SEWER FROM BUILDING TO (E) SSMH**  
 SCALE 1" = 20'

**SANITARY SEWER PROFILE**

APPLICANT: VANDAYSHIA

ROAD: SIMONI DR.

COUNTY FILE NO.: 6912-49-75-04B-04G

APPROVED FOR ISSUANCE  
 REFER TO ENCROACHMENT AND/OR  
 CONSTRUCTION PERMIT AND PLAN  
 COVER SHEET FOR SPECIAL  
 CONDITIONS AND PERMIT NUMBERS







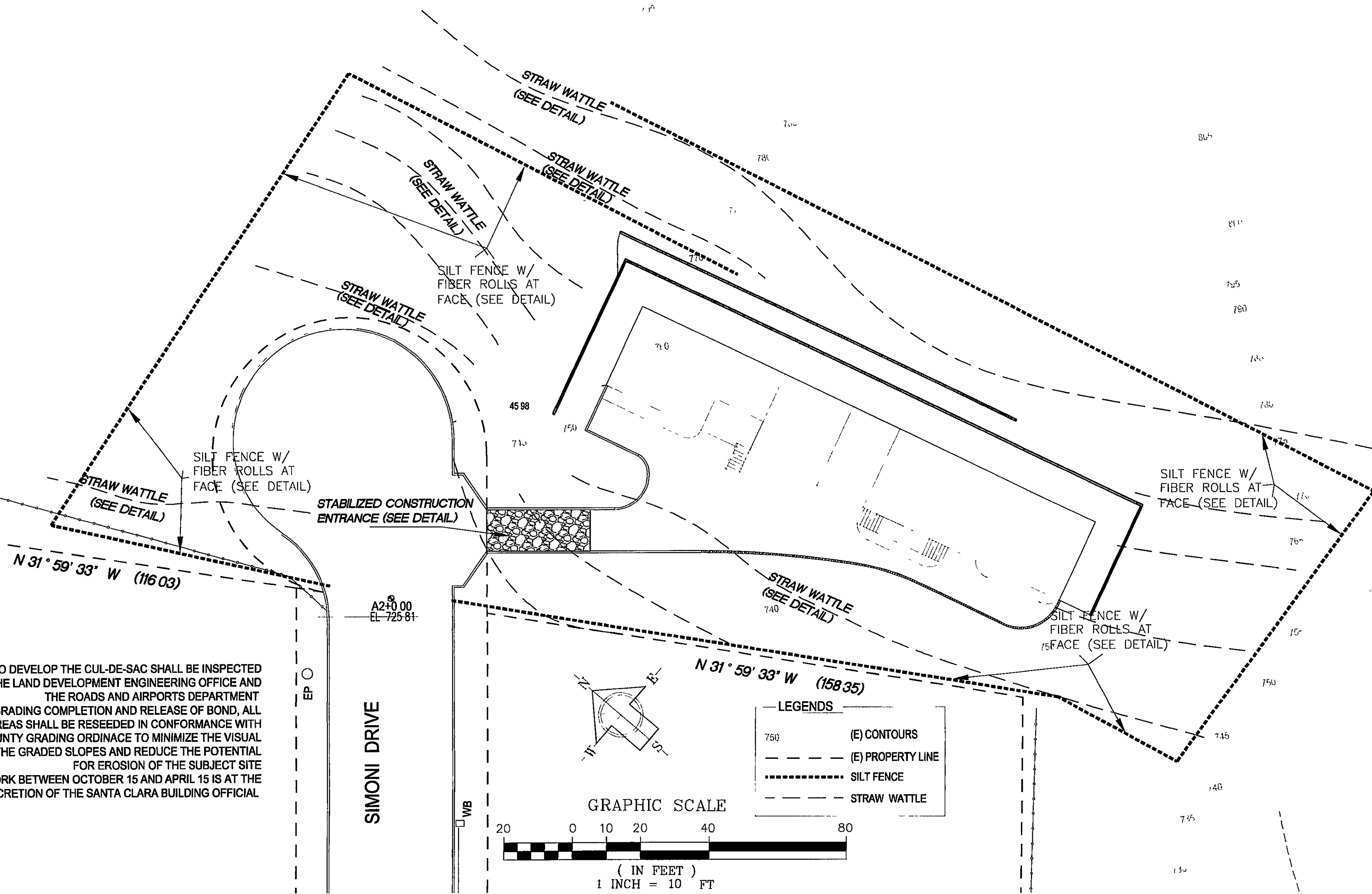
**EROSION CONTROL PLAN NOTES**

- 1 ALL GRADING WORK SHALL BE WINTERIZED PRIOR TO OCTOBER 15, BY PLACING APPROPRIATE SILT FENCING, SILT FENCE/STRAW BALE DIKES AND STRAW BALES IN A MANNER TO MINIMIZE EROSION AND COLLECT SEDIMENT AND ALSO BY HYDROSEEDING AREAS DISTURBED
- 2 THIS PLAN IS INTENDED FOR EROSION CONTROL ONLY OTHER INFORMATION SHOWN HEREIN MAY NOT BE THE MOST CURRENT
- 3 THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS AND FILLING ALL PLANS WITH THE RELATED AGENCIES ASSOCIATED WITH THEIR WORK THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, PERMITS FOR STORAGE OF HAZARDOUS MATERIALS, BUSINESS PLANS, PERMITS FOR STORAGE OF FLAMMABLE LIQUIDS, GRADING PERMITS, OR OTHER PLANS OR PERMITS REQUIRED BY SANTA CLARA COUNTY ALL PROPERTY OWNERS, CONTRACTORS, OR SUBCONTRACTORS WORKING ON-SITE ARE INDIVIDUALLY RESPONSIBLE FOR OBTAINING AND SUBMITTING ANY BUSINESS PLANS OR PERMITS REQUIRED BY COUNTY, STATE OR LOCAL AGENCIES
- 4 ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED DURING THE RAINY SEASON (OCT 15 TO APRIL 15), UNTIL DISTURBED AREAS ARE STABILIZED CHANGES TO THIS PLAN TO MEET FIELD CONDITIONS WILL BE MADE ONLY WITH THE APPROVAL OF, OR AT THE DIRECTION OF THE OWNER CHANGES MADE TO SUIT FIELD CONDITIONS WILL BE MADE ONLY WITH THE APPROVAL OF OR THE DIRECTION OF THE OWNER CHANGES MADE TO SUIT FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CIVIL ENGINEER AND THE COUNTY OF SANTA CLARA FOR COMMENTS AND APPROVAL
- 5 ALL EROSION CONTROL FACILITIES MUST BE INSPECTED AND REPAIRED AS NECESSARY AT THE END OF EACH WORKING DAY, AFTER SIGNIFICANT RAIN OR DAILY DURING THE RAINY SEASON
- 6 IF SIGNIFICANT SEDIMENT OR OTHER VISUAL SYMPTOMS OF IMPURITIES ARE NOTICED IN THE STORM WATER, CONTACT THE CIVIL ENGINEER IMMEDIATELY
- 7 CONTRACTOR IS RESPONSIBLE FOR INSPECTION AND RESTORATION OF ALL ASPECTS OF THE EROSION CONTROL PLAN SEDIMENT ON THE SIDEWALKS AND GUTTERS SHALL BE REMOVED BY SHOVEL OR BROOM AND DISPOSED APPROPRIATELY
- 8 ALL EMPLOYEES, CONTRACTORS, AND SUBCONTRACTORS ARE RESPONSIBLE FOR CONFORMING TO THE ELEMENTS SHOWN ON THIS PLAN AND RELATED DOCUMENTS
- 9 CONTRACTOR TO EMPLOY BEST MANAGEMENT PRACTICES (BMP'S) IN ACCORDANCE WITH THE ASSOCIATION OF BAY AREA GOVERNMENTS (ABAG) LATEST RECOMMENDATIONS
- 10 ALL DUMPS OR OTHER TRASH STORAGE ENCLOSURES SHALL BE UTILIZED SOLELY FOR NON-HAZARDOUS MATERIALS
- 11 DURING THE RAINY SEASON, ALL PAVED AREAS WILL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS, THE SITE SHALL BE MAINTAINED SO THAT A MINIMUM OF SEDIMENT-LADEN RUNOFF ENTERS THE STORM DRAIN SYSTEM THESE PLANS SHALL REMAIN IN EFFECT UNTIL THE IMPROVEMENTS ARE ACCEPTED BY SANTA CLARA COUNTY AND ALL SLOPES ARE STABILIZED
- 12 BORROW AREAS AND TEMPORARY STOCKPILES SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES TO THE SATISFACTION OF SANTA CLARA COUNTY
- 13 REMOVE SOILS PROMPTLY AND AVOID STOCKPILING OF FILL MATERIALS WHEN RAIN IS IN FORECAST IF RAIN IS FORECAST OR APPARENT, STOCKPILED SOILS AND OTHER MATERIALS SHALL BE COVERED WITH PLASTIC OR A TAR, AT THE REQUEST OF SANTA CLARA COUNTY
- 14 STORE, HANDLE AND DISPOSE OF CONSTRUCTION MATERIALS AND WASTES SO AS TO PREVENT THEIR ENTRY INTO THE STORM DRAIN SYSTEM CONTRACTOR MUST NOT ALLOW CONCRETE, WASHWATERS, SLURRIES, PAINT OR OTHER MATERIALS TO ENTER THE CATCH BASINS, STORM DRAINAGE OR ENTER SITE RUNOFF
- 15 USE FILTRATION OR OTHER APPROVED MEASURES TO REMOVE SEDIMENT FROM DEWATERING AFFLUENT
- 16 NO CLEANING, FUELING OR MAINTAINING VEHICLES ON SITE SHALL BE PERMITTED TO ALLOW DELETERIOUS MATERIALS FROM ENTERING THE CATCH BASINS, STORM DRAINAGE, OR ENTER SITE RUNOFF
- 17 EROSION CONTROL MEASURES TO BE EMPLOYED PER "EROSION AND SEDIMENT CONTROL FIELD MANUAL", CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD-SAN FRANCISCO BAY REGION
- 18 ALL BARREN AREAS GENERATED DURING THE RAINY SEASON SHALL BE COVERED WITH STRAW OR EQUIVALENT, OR WELL SECURED WITH HEAVY PLASTIC TARPS OR GRAVEL, DEPENDING ON THE LOCATION, CONDITIONS, AND FREQUENCY OF ACCESS
- 19 ALL EXCESS EXCAVATED SOIL MATERIALS (SOILS) SHALL BE PROMPTLY REMOVED FROM THE PROPERTY AFTER EXCAVATION
- 20 ALL EXCESS EXCAVATED SOIL MATERIALS (SOILS) SHALL BE LEGALLY DISPOSED OF OFFSITE AT THE OWNER-DESIGNATED LOCATION WESTERLY FROM THE PROPERTY ACROSS LOCHARD STREET IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE NECESSARY DOCUMENTATION FROM THE OWNER TO ASCERTAIN FOR HIMSELF THAT THE OWNER HAS LEGAL RIGHT OR PERMISSION FOR SUCH DISPOSAL TO BE MADE AT THE OWNER-DESIGNATED LOCATION

**NOTES**

- ALL WORK TO DEVELOP THE CUL-DE-SAC SHALL BE INSPECTED BY BOTH THE LAND DEVELOPMENT ENGINEERING OFFICE AND THE ROADS AND AIRPORTS DEPARTMENT
- PRIOR TO GRADING COMPLETION AND RELEASE OF BOND, ALL GRADED AREAS SHALL BE RESEEDDED IN CONFORMANCE WITH THE COUNTY GRADING ORDINANCE TO MINIMIZE THE VISUAL IMPACTS OF THE GRADED SLOPES AND REDUCE THE POTENTIAL FOR EROSION OF THE SUBJECT SITE
- GRADING WORK BETWEEN OCTOBER 15 AND APRIL 15 IS AT THE DISCRETION OF THE SANTA CLARA BUILDING OFFICIAL

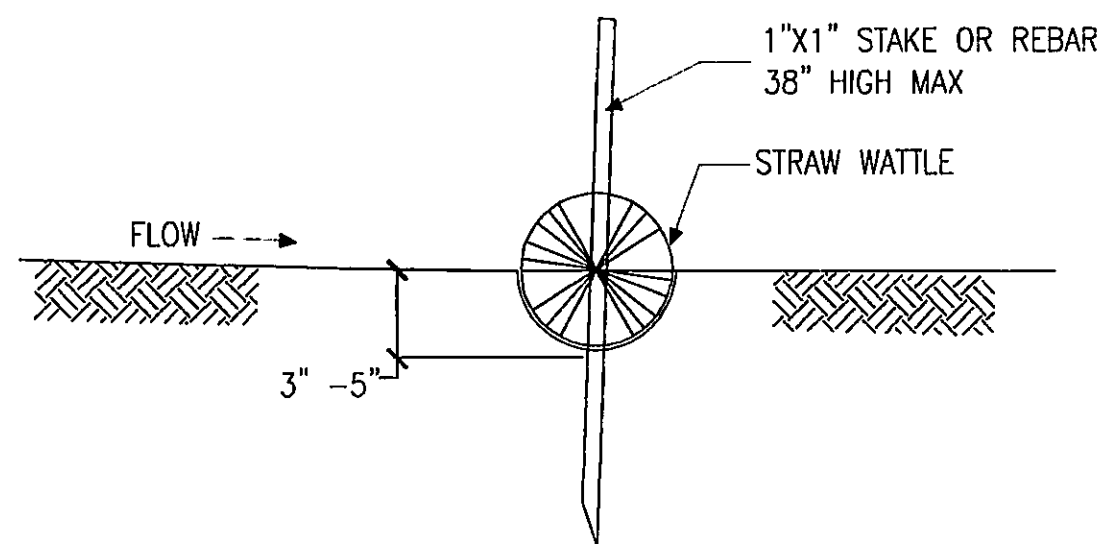
N 49° 22' E (97161')



**EROSION CONTROL PLAN**

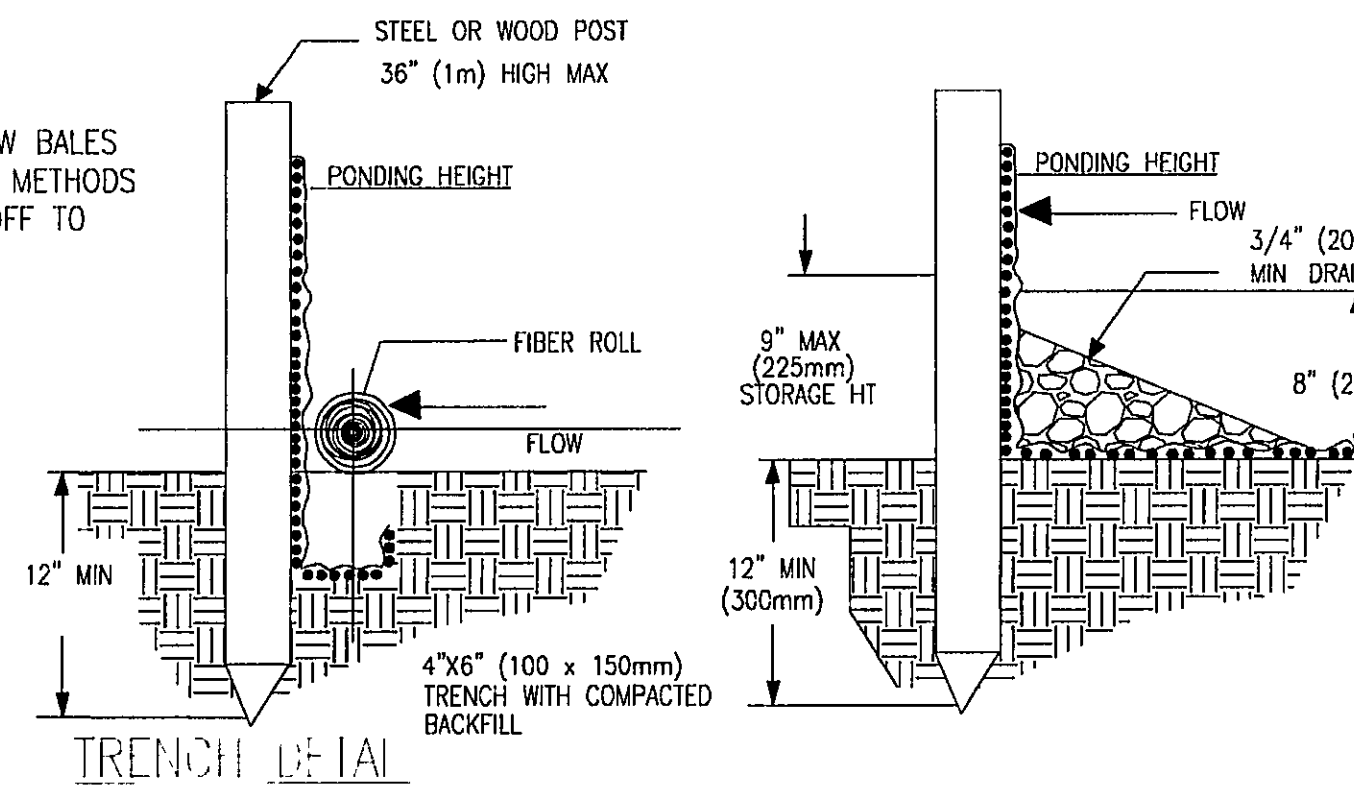
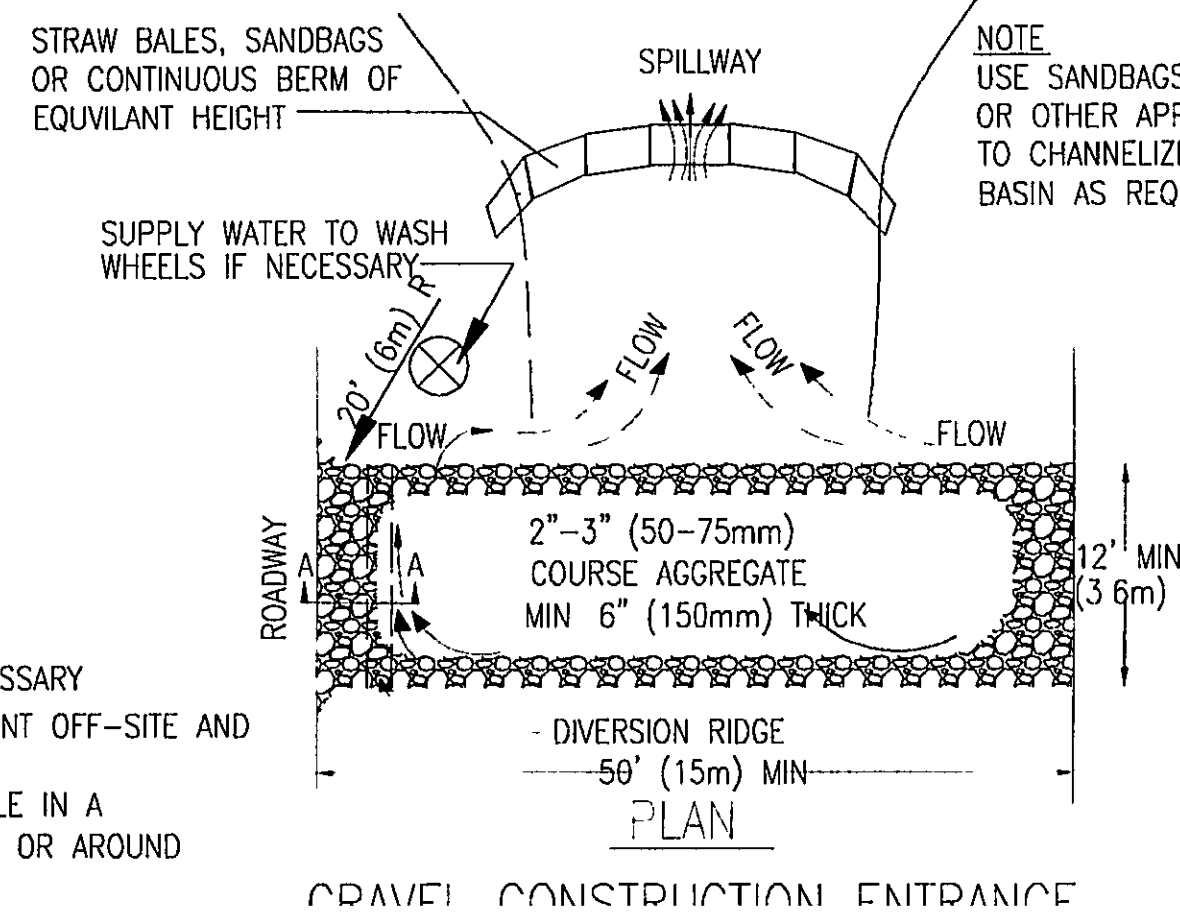
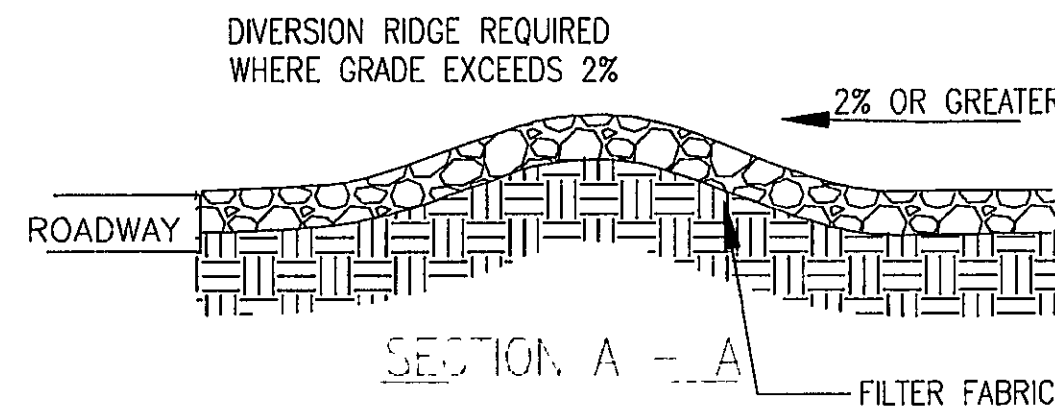
SCALE 1"=20'

- 19 ALL EXCESS EXCAVATED SOIL MATERIALS (SOILS) SHALL BE PROMPTLY REMOVED FROM THE PROPERTY AFTER EXCAVATION
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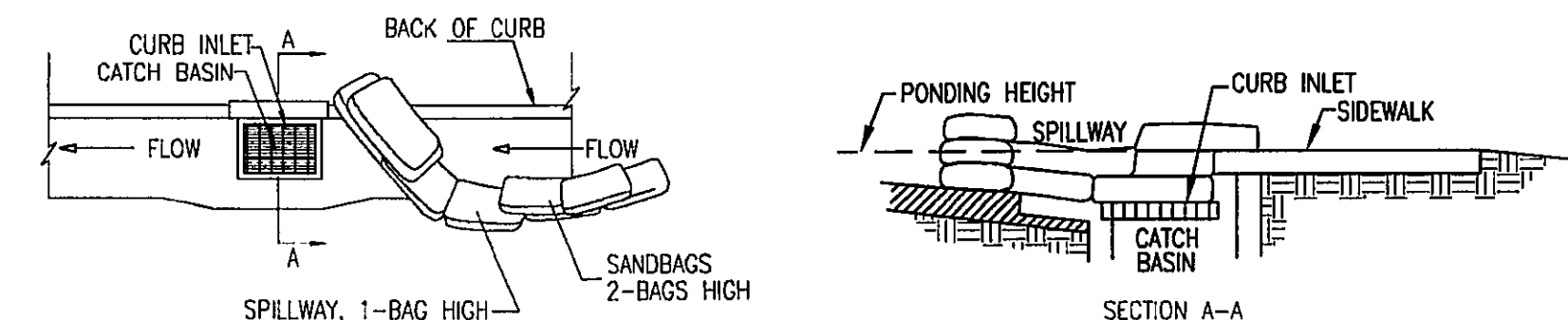
**NOTES**

- 1 FIBER ROLL SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY
- 2 INSPECT AND REPAIR ROLL AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY
- 3 REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED
- 4 STRAW WATTLE INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE WATTLE IN A TRENCH, 3" - 5" DEEP, DUB ON CONTOUR RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND WATTLE



**TRENCH DETAIL**

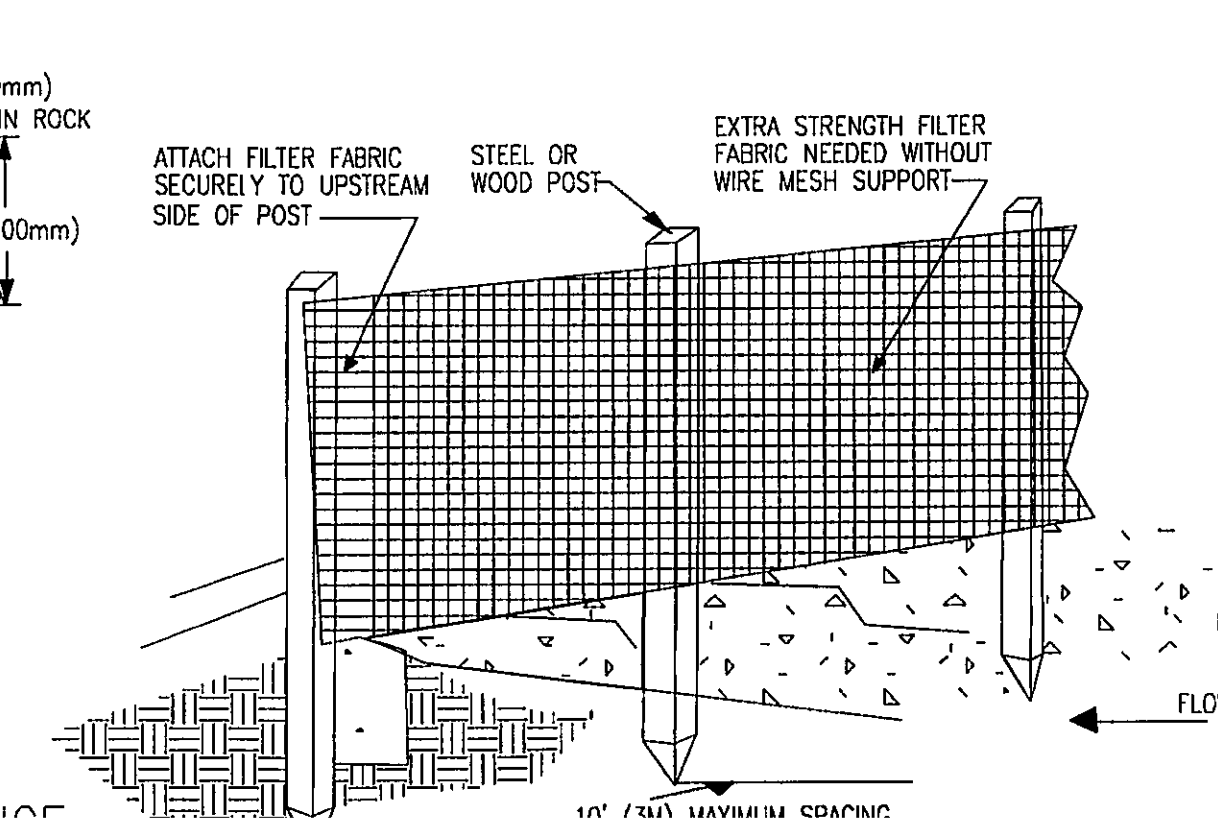
- NOTES**
- 1 SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY
  - 2 INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY, 9" (225mm) MAXIMUM RECOMMENDED STORAGE HEIGHT
  - 3 REMOVED SEDIMENT WILL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED



**NOTES**

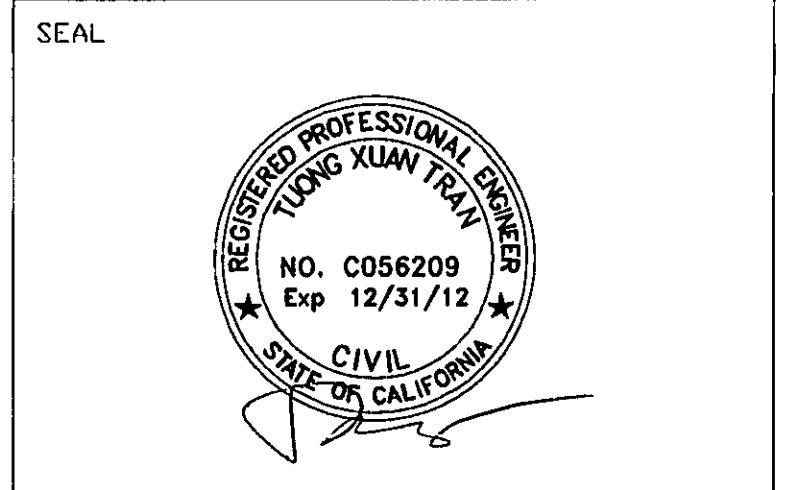
- 1 PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREETS, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF
- 2 SANDBAGS OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY
- 3 LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY OVERFLOW
- 4 INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT, SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY

**TYPICAL PROTECTION FOR STORM DRAIN INLET**



**TRANVU, LLC**  
surveyors - engineers - architects

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Email: info@tranvu.com



DATE 05-08-08			
DRAWN BY V.K.		CHECKED BY T.T.	
REVISION	DATE	REVISION	DATE

**VANDAYSHIA ESTATE**

APN 612-10-004

15900 SIMONI DRIVE  
SAN JOSE, CA 95127

**OWNER**  
**VANDAYSHIA R.E.I.C.**

Phone: 408-829-2805

P.O. BOX 360577  
MILPITAS, CA 95036

**EROSION CONTROL PLAN**

SCALE: AS SHOWN

PROJECT NO SHEET



**PLANT LEGEND**

SYMBOL	BOTANICAL NAME/ COMMON NAME	QTY.	SIZE	REMARKS
	NERIUM OLEANDER OLEANDER	4	15 GAL	7' O.C. MIN.
	OLEA EUROPAEA OLIVE	6	24" BOX	20' O.C.
	PHORMIUM TENAX/ NEW ZEALAND FLAX	3	5 GAL	7' O.C.
	HETEROMELES ARBUTIFOLIA TOYON	6	15 GAL	7' O.C.

**NOTES:**

- 1) INSTALL MAINLINE, VALVES AND ALL IRRIGATION COMPONENT IN PLANTING AREA. LOCATIONS SHOWN ON PLAN ARE DIAGRAMATIC.
- 2) IRRIGATION SYSTEM DESIGNED FOR A MINIMUM 20 PSI / MAXIMUM 85 PSI (STATIC PRESSURE) TO BE PROVIDED AT THE FARTHEST HEAD FROM POINT OF CONNECTION FIELD VERIFY PRIOR TO START OF WORK AND NOTIFY LANDSCAPE ARCHITECT.
- 3) SLEEVE MAINLINE AND LATERALS UNDER ALL PAVING.
- 4) UNSIZED LATERAL LINE PIPE DOWNSTREAM FROM SIZED PIPE SHALL BE 3/4".
- 5) PROVIDE WATER METER FOR IRRIGATION SYSTEM IF REQUIRED BY CITY.

**IRRIGATION LEGEND**

MANUF.	SYMBOL	MOD.	DESCRIPTION
RAINBIRD		XACZ-075-PRF-BF	3/4" ANTI-SIPHON CONTROL ZONE WITH PRESSURE REGULATING BACKFLUSH FILTER
			1/4" TUBING, PC MODULE, DIFFUSER CAP
		CLASS 200	LATERAL PIPE PVC
		CLASS 200	SLEEVE, SIZE 2X LATERAL/MAINLINE
RAINBIRD		STP-4001 4 STATION	4 ZONE INDOOR CONTROLLER WALL MOUNTED, INSTALL IN GARAGE
			GATE VALVE
			POINT OF CONNECTION
RAINBIRD		EMT-8XER1	8 OUTLET MANIFOLD
			1/4" TUBING STAKE

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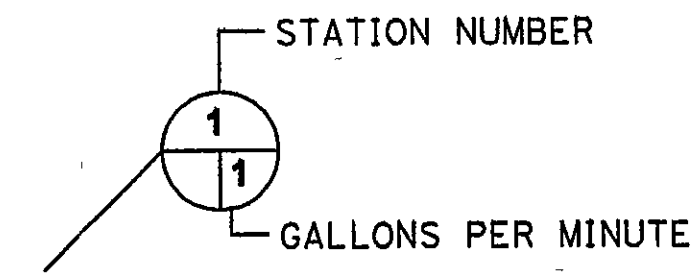
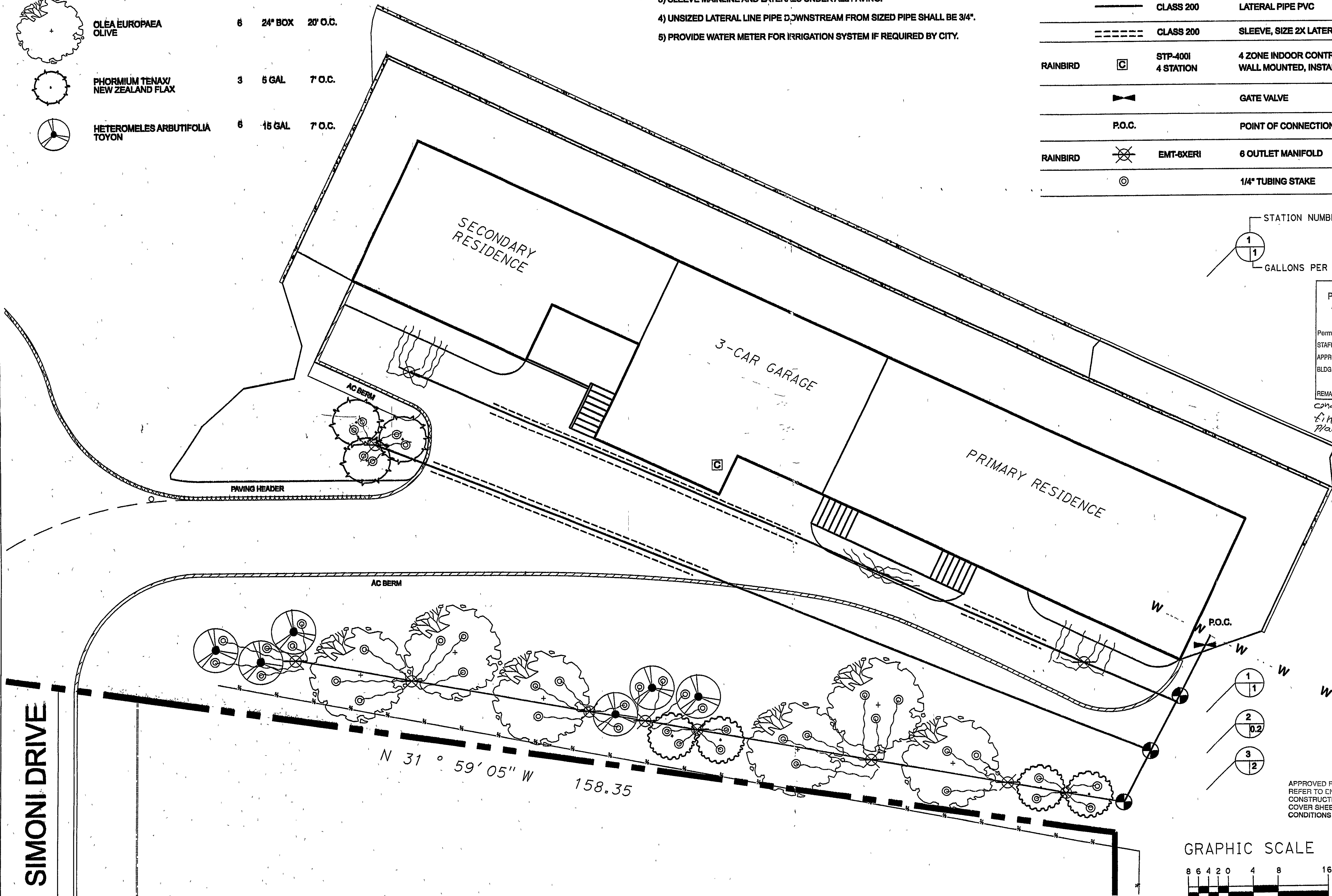
Client

VANDAYSHIA R.E.I.C.  
P.O. BOX 380577  
MILPITAS, CA 95036  
408-829-2805

Consultant

Sally Bang  
Landscape Architect  
phone: (510) 710-1130  
e-mail: sallybang@hotmail.com

All drawings and written material appearing constitute the original and unpublished work of the landscape architect, and the same may not be duplicated, used or disclosed without the written consent of the landscape architect.



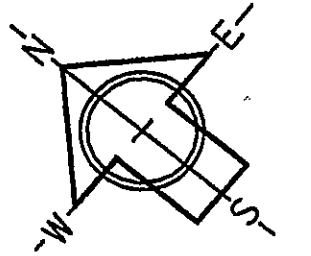
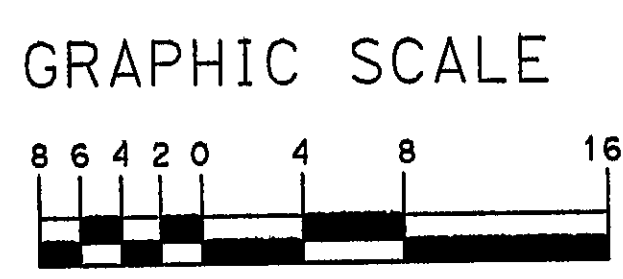
COUNTY OF SANTA CLARA  
PLANNING COMMISSION  
ARCHITECTURAL AND SITE APPROVAL  
**APPROVED**  
Permit No. 6912--072R  
STAFF COMMITTEE COMMISSION  
APPROVED 12/29/10 BY [Signature]  
BLDG PERMIT BY [Signature]  
SEE CONDITIONS  
REMARKS: Compliance with condition #9 per final approval by Planning Commission of 2-5-2009



**REVISIONS**

NO	DESCRIPTION	DATE

Drawn AKWAN Checked SBANG  
Date December 17, 2010  
Scale 1/8" = 1'0"  
Project Number 00000  
Sheet Title



**LANDSCAPE PLAN**

Sheet Number  
L1.0

SIMONI DRIVE

N 31° 59' 05" W 158.35



