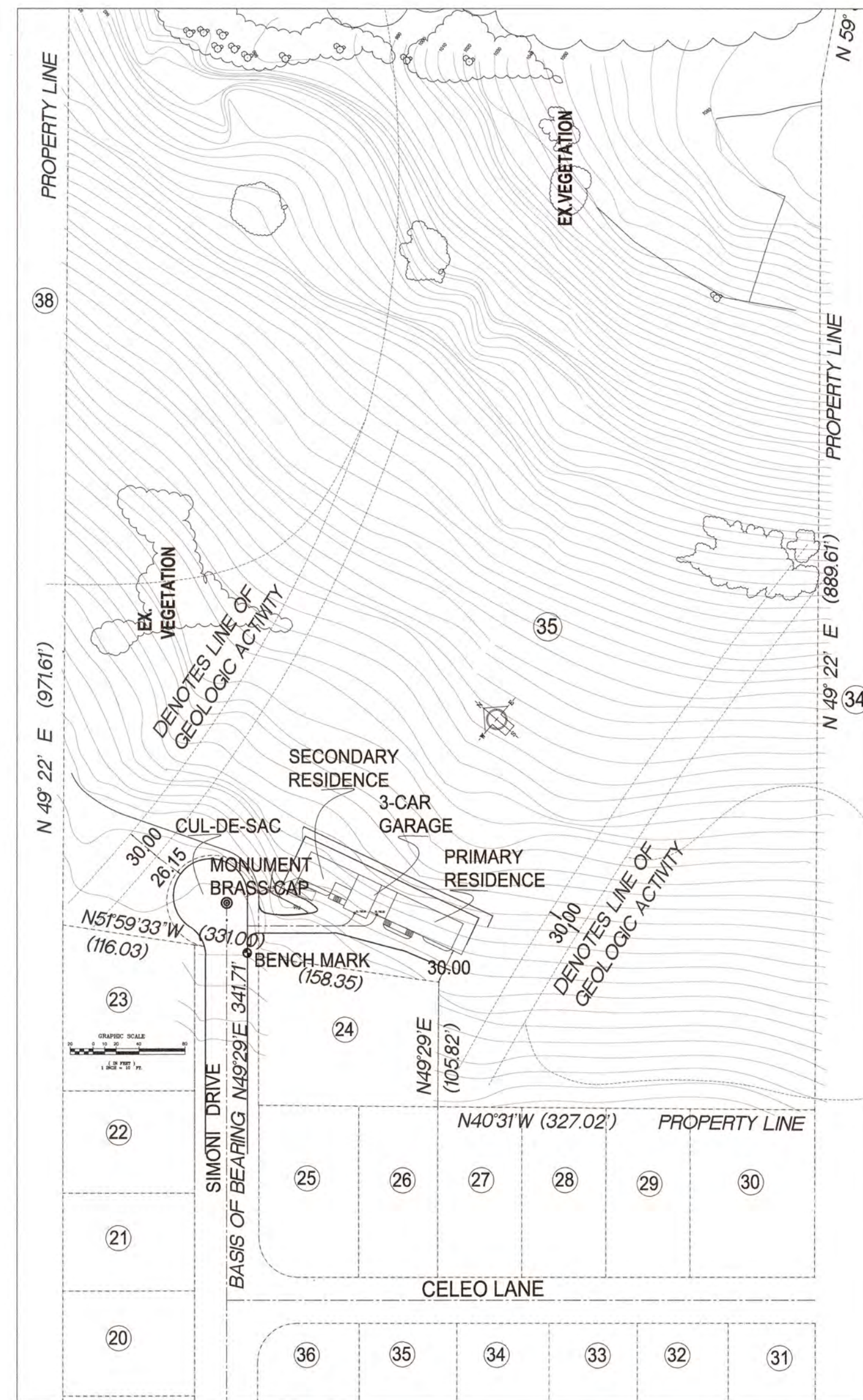
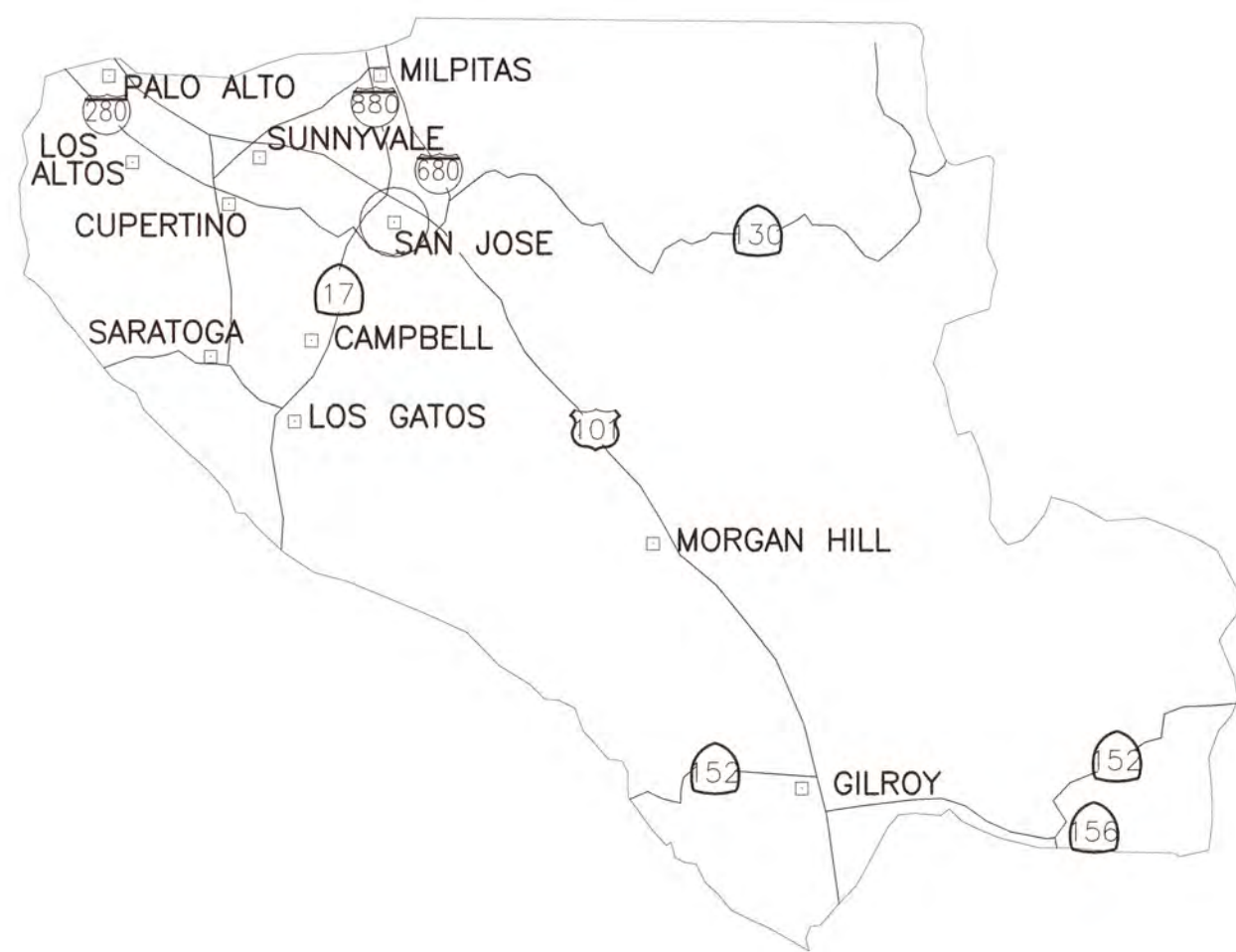


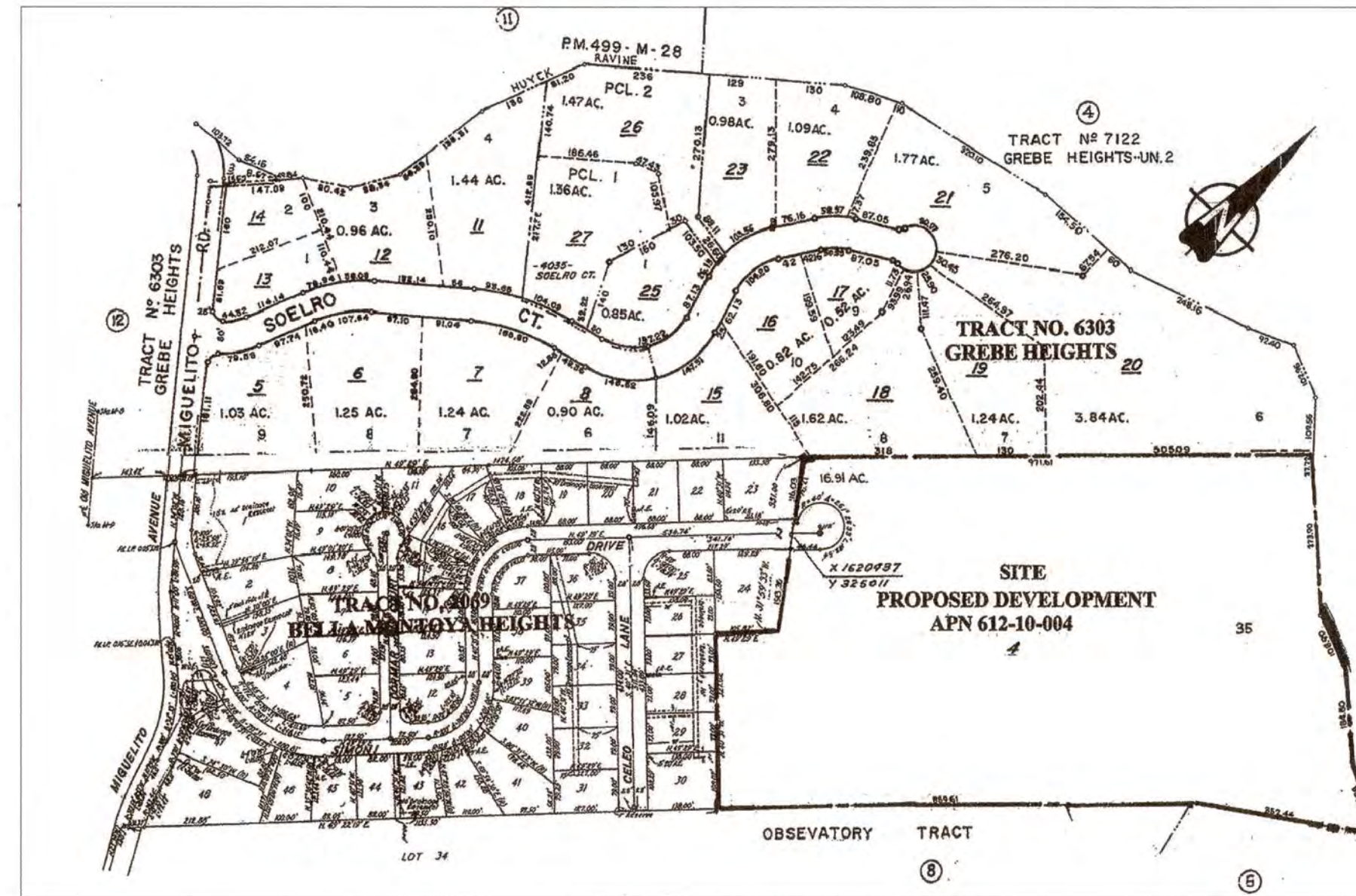
VANDAYSHIA R.E.I.C. IMPROVEMENT PLANS



KEY MAP
SCALE: 1"=100'



COUNTY LOCATION MAP
SCALE: N.T.S.



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
TOTAL	3,656		139		-3,517

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

COUNTY OF SANTA CLARA DEPT. OF ROADS AND AIRPORTS
ISSUED BY: _____ DATE: _____
ENCROACHMENT PERMIT NO. _____

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

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 5/22/12 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 _____ CHRISTOPHER L. FREITAS SR. ENGINEER
R.C.E. NO.42107 EXP. 12/31/12

CONSTRUCTION / ENCROACHMENT / GRADING PERMIT

PERMIT(S) NO.: _____
FILE(S) NO.: _____
ISSUED BY: _____ DATE: _____
LAND DEVELOPMENT ENGINEERING & SURVEYING
DEVELOPMENT SERVICES OFFICE
COUNTY OF SANTA CLARA

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 MONTOYA 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.

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
(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

SHEET INDEX

C1	COVER SHEET
C2	GENERAL CONSTRUCTION SPECIFICATIONS
C3	PLOT LAYOUT AND HORIZONTAL CONTROL
C4	GRADING AND DRAINAGE PLAN
C5	DRAINAGE TRIBUTARY AREAS
C6	BUILDING GRADING SECTIONS
C7	DRIVEWAY
C8	CUL-DE-SAC
C9	STORM DRAIN LINES & UTILITIES PLAN
C10	STORM DRAIN LINES & UTILITIES PROFILE
C11	DETAILS AND NOTES
C12	EROSION CONTROL PLAN

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	C1
Revision 2	Date	Co. File			
Revision 3	Date				1 of 12

PLAN # _____ OF SHEET _____ OF 11-2010

APPLICANT: VANDAYSHIA

ROAD: SIMONI DR.

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

**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 PAV 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) 226-3475
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	

CURVE DATA TABLE (DRIVEWAY):

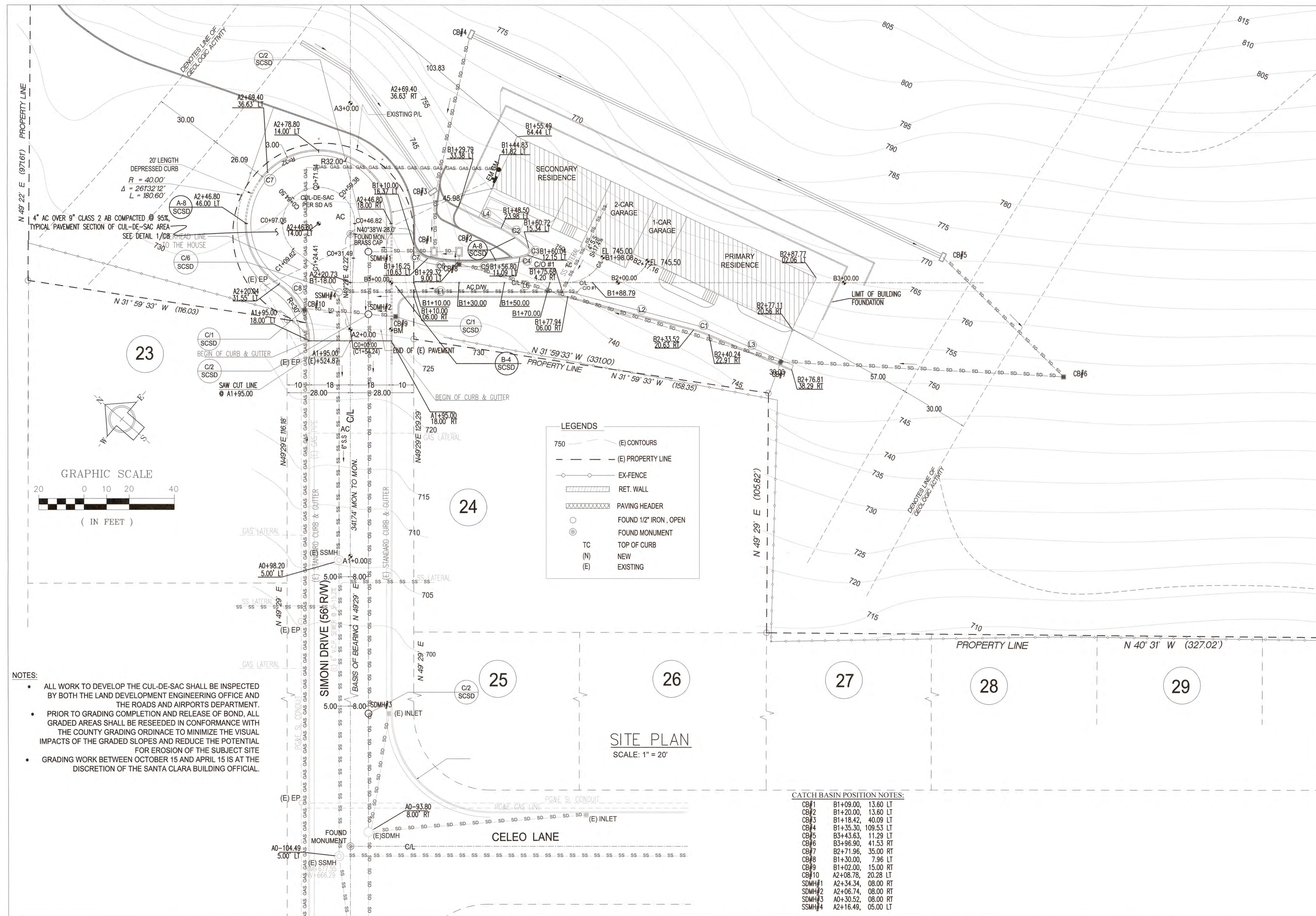
CURVE #	(C1)	(C2)	(C3)	(C4)	(C5)	(C6)	(C7)
R	50.00'	50.00'	2.00'	19.17'	132.75'	67.95'	9.20'
Δ	8°7'58"	17°15'12"	108°31'28"	10°21'40"	11°54'45"	11°17'50"	54°51'55"
L	7.10'	15.01'	3.79'	3.47'	27.60'	13.10'	8.81'
POSITION	F.O.C.	F.O.C.	F.O.C.	F.O.C.	F.O.C.	F.O.C.	F.O.C.

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	F.O.C.	F.O.C.

LINE DATA TABLE

LINE #	(L1)	(L2)	(L3)	(L4)
LENGTH	67.90'	57.50'	39.68'	20.94'
BEARING	N40°38'0"W	N25°57'19"W	N17°49'21"W	N13°57'49"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 RESEEDING 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.

SITE PLAN
SCALE: 1" = 20'

CATCH BASIN POSITION NOTES:

CB#1	B1+09.00,	13.60 LT
CB#2	B1+20.00,	13.60 LT
CB#3	B1+18.42,	40.09 LT
CB#4	B1+35.30,	109.53 LT
CB#5	B3+43.63,	11.29 LT
CB#6	B3+96.90,	41.53 RT
CB#7	B2+71.96,	35.00 RT
CB#8	B1+30.00,	7.96 LT
CB#9	B1+02.00,	15.00 RT
CB#10	A2+08.78,	20.28 LT
SDMH#1	A2+34.34,	08.00 RT
SDMH#2	A2+06.74,	08.00 RT
SDMH#3	A0+30.52,	08.00 RT
SSMH#4	A2+16.48,	05.00 LT



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Fax: (408) 226-3475
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DATE: 05-08-08

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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) 226-3475
Email: info@tranvu.com



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OWNER
VANDAYSHIA R.E.I.C.

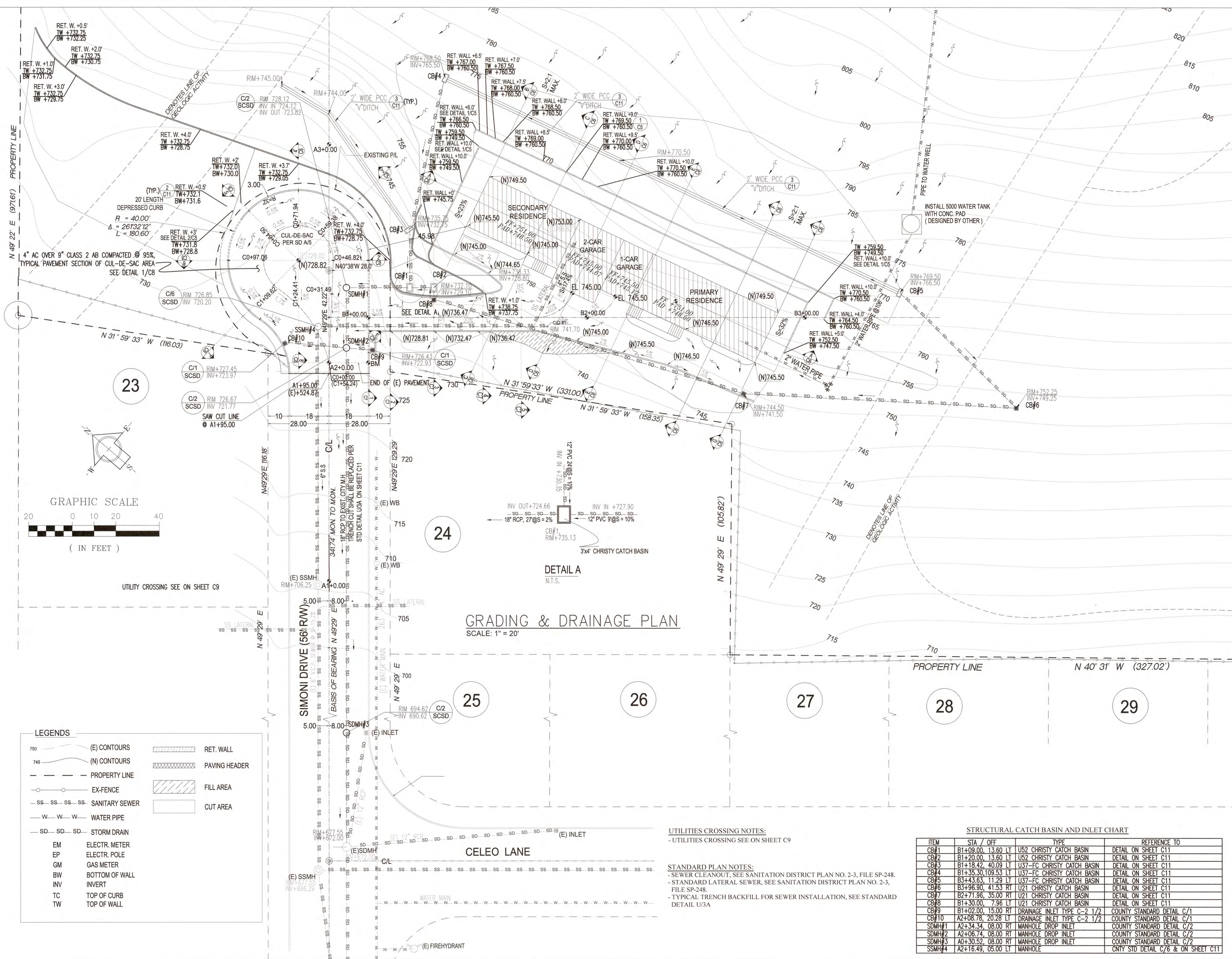
Phone: 408-829-2805

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GRADING AND DRAINAGE PLAN

SCALE: AS SHOWN

PROJECT NO:	SHEET:
PC 32632	C4
	4 of 12



GRADING & DRAINAGE PLAN
SCALE: 1" = 20'

LEGENDS

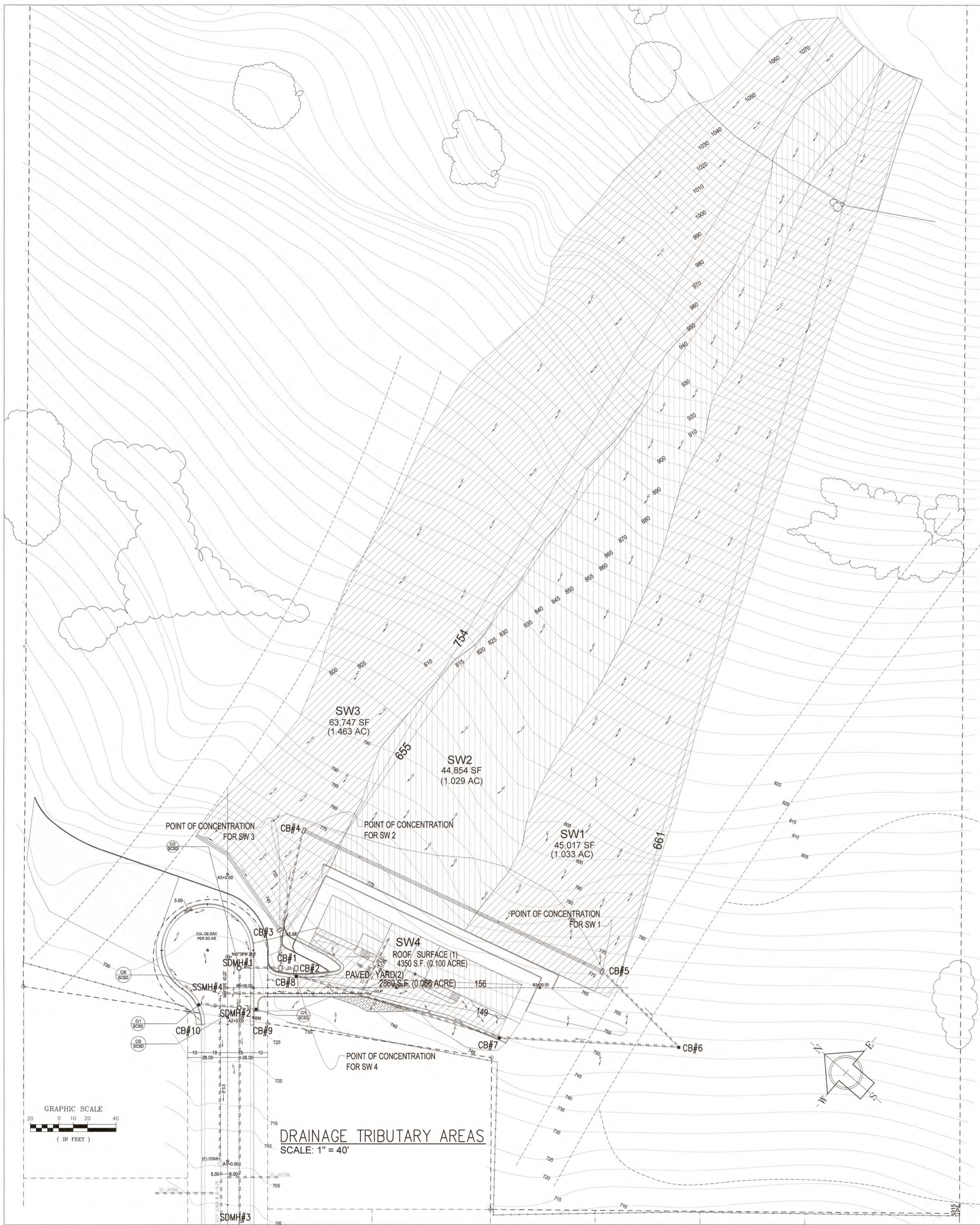
(E) CONTOURS	RET. WALL
(N) CONTOURS	PAVING HEADER
PROPERTY LINE	FILL AREA
EX-FENCE	CUT AREA
SS-SS-SS-SS	SANITARY SEWER
W-W-W	WATER PIPE
SD-SD-SD	STORM DRAIN
EM	ELECTR. METER
EP	ELECTR. POLE
GM	GAS METER
BW	BOTTOM OF WALL
INV	INVERT
TC	TOP OF CURB
TW	TOP OF WALL

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 U3A

STRUCTURAL CATCH BASIN AND INLET CHART

ITEM	STA / OFF	TYPE	REFERENCE TO
CB#1	B1+09.00, 13.60 LT	U21 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#2	B1+20.00, 13.60 LT	U21 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#3	B1+18.42, 40.09 LT	U37-FC CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#4	B1+35.30, 109.53 LT	U37-FC CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#5	B3+43.63, 11.29 LT	U37-FC CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#6	B3+98.90, 41.53 RT	U21 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#7	B2+71.86, 35.00 RT	U21 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#8	B1+30.00, 7.96 LT	U21 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#9	B1+02.00, 15.00 RT	DRAINAGE INLET TYPE C-2 1/2	COUNTY STANDARD DETAIL C/1
CB#10	A2+08.78, 20.28 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	A2+06.74, 08.00 RT	MANHOLE DROP INLET	COUNTY STANDARD DETAIL C/2
SDMH#3	A0+30.52, 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

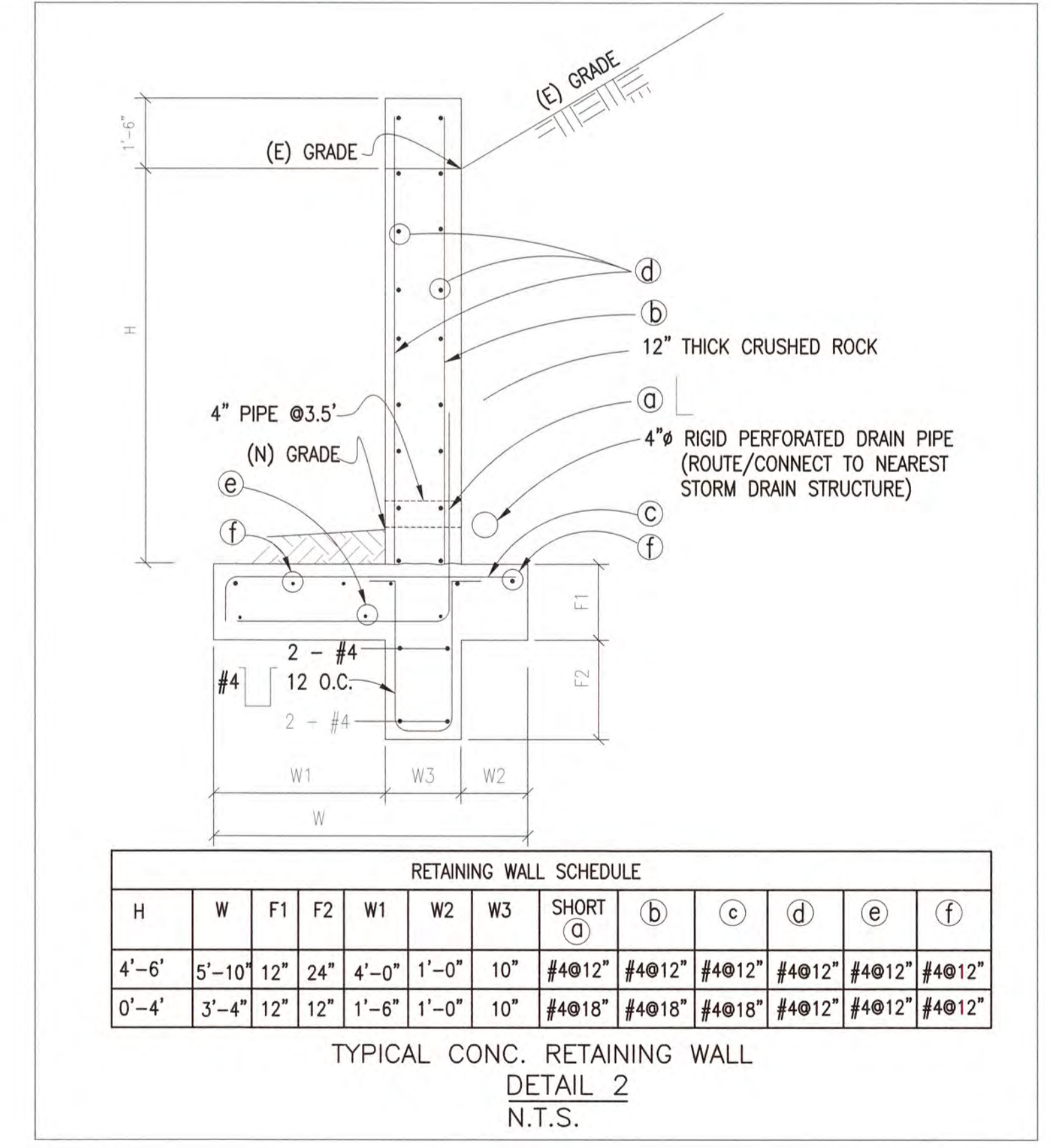
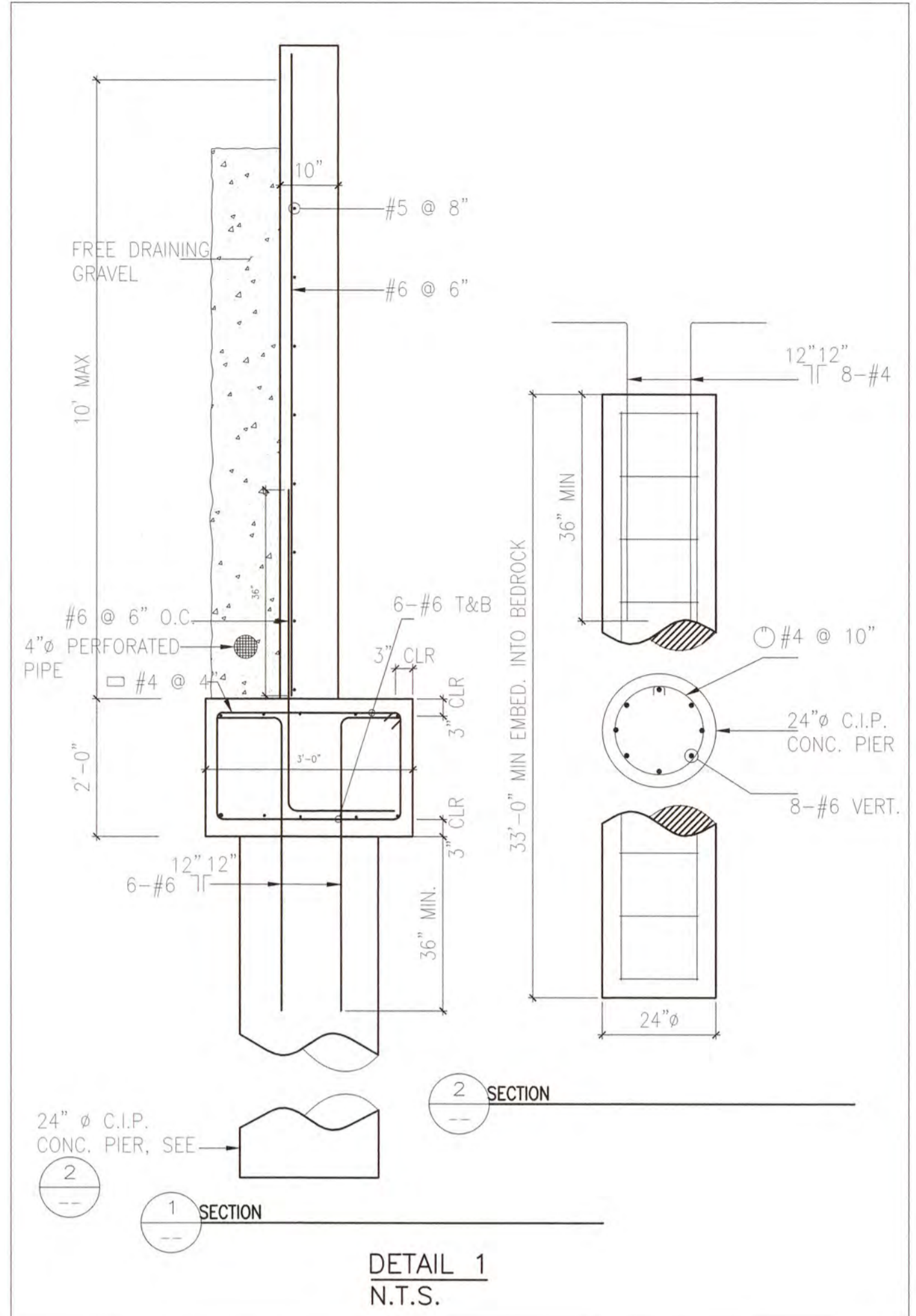
- 750 (E) CONTOURS
- 745 (N) CONTOURS
- — — PROPERTY LINE
- - - EX-FENCE
- - - SS - SS - SS - SS SANITARY SEWER
- - - SD - SD - SD STORM DRAINAGE
- - - W - W - W WATER LINE
- EM ELECTR. METER
- GM GAS METER
- INV INVERT
- PAVING HEADER
- FILL AREA
- CUT AREA
- RET. WALL

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

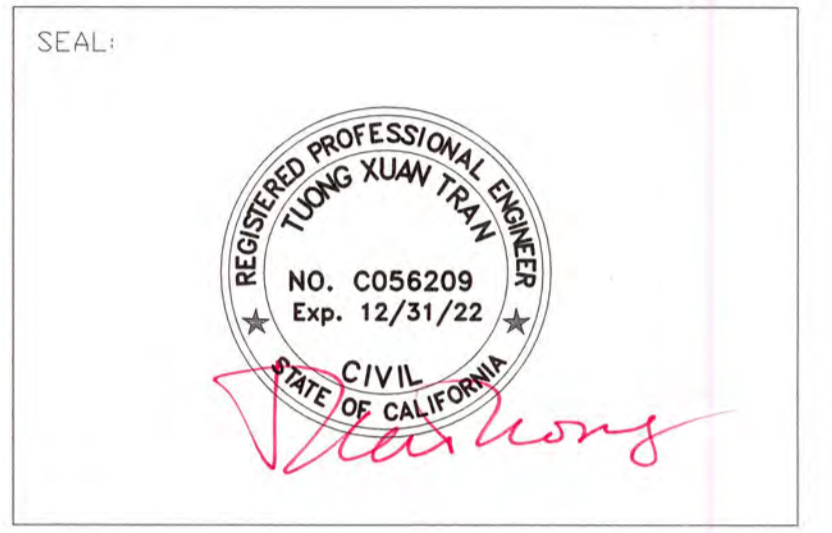
CLEAN WATER AREAS (IMPERVIOUS)

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



TRANVU, LLC
surveyors - engineers - architects

526 Calero Ave, San Jose, CA 95123
Tel: (408) 425-4523
Fax: (408) 226-3475
Email: info@tranvu.com



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APN 612-10-004

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DRAINAGE TRIBUTARY AREAS

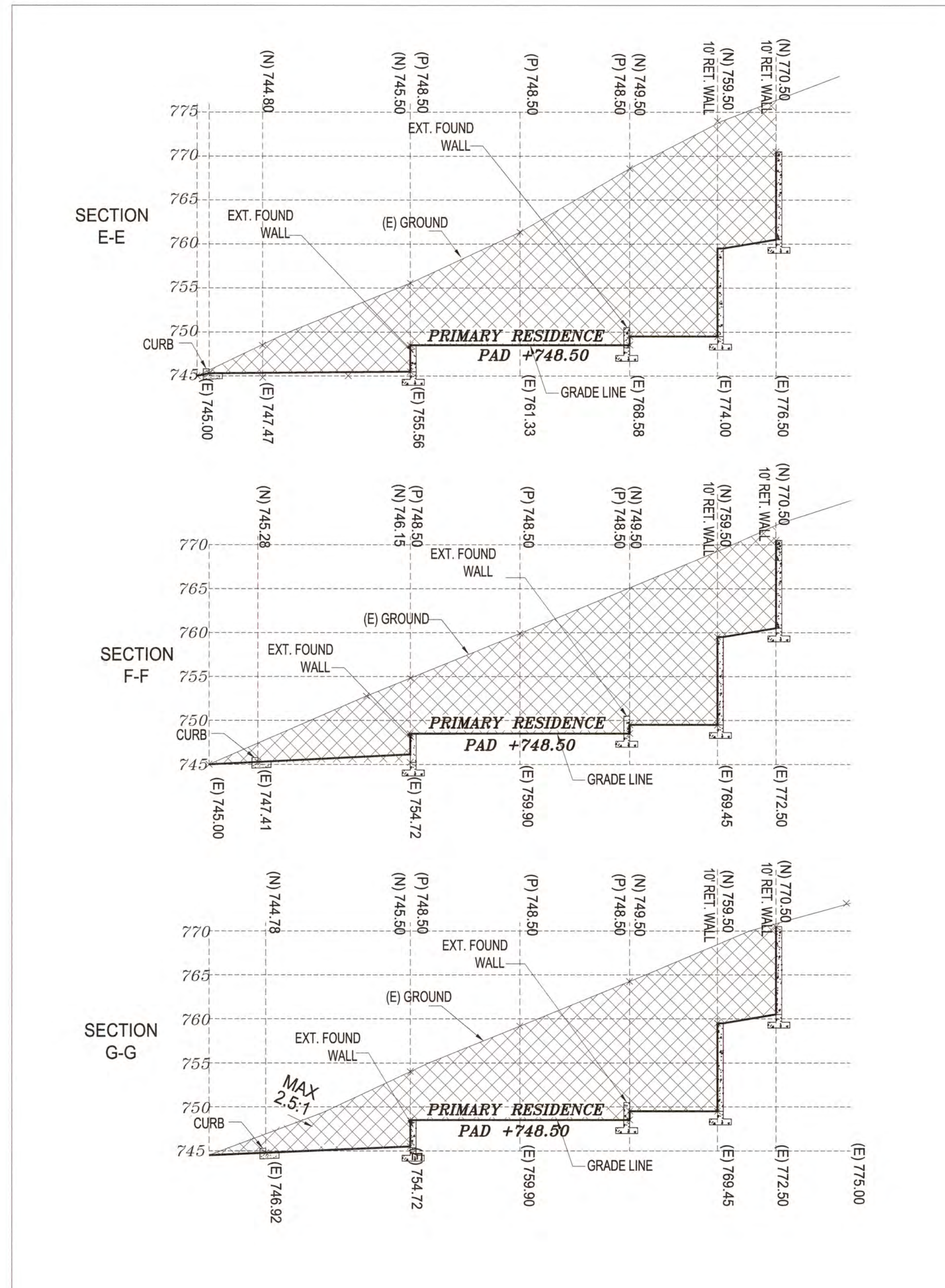
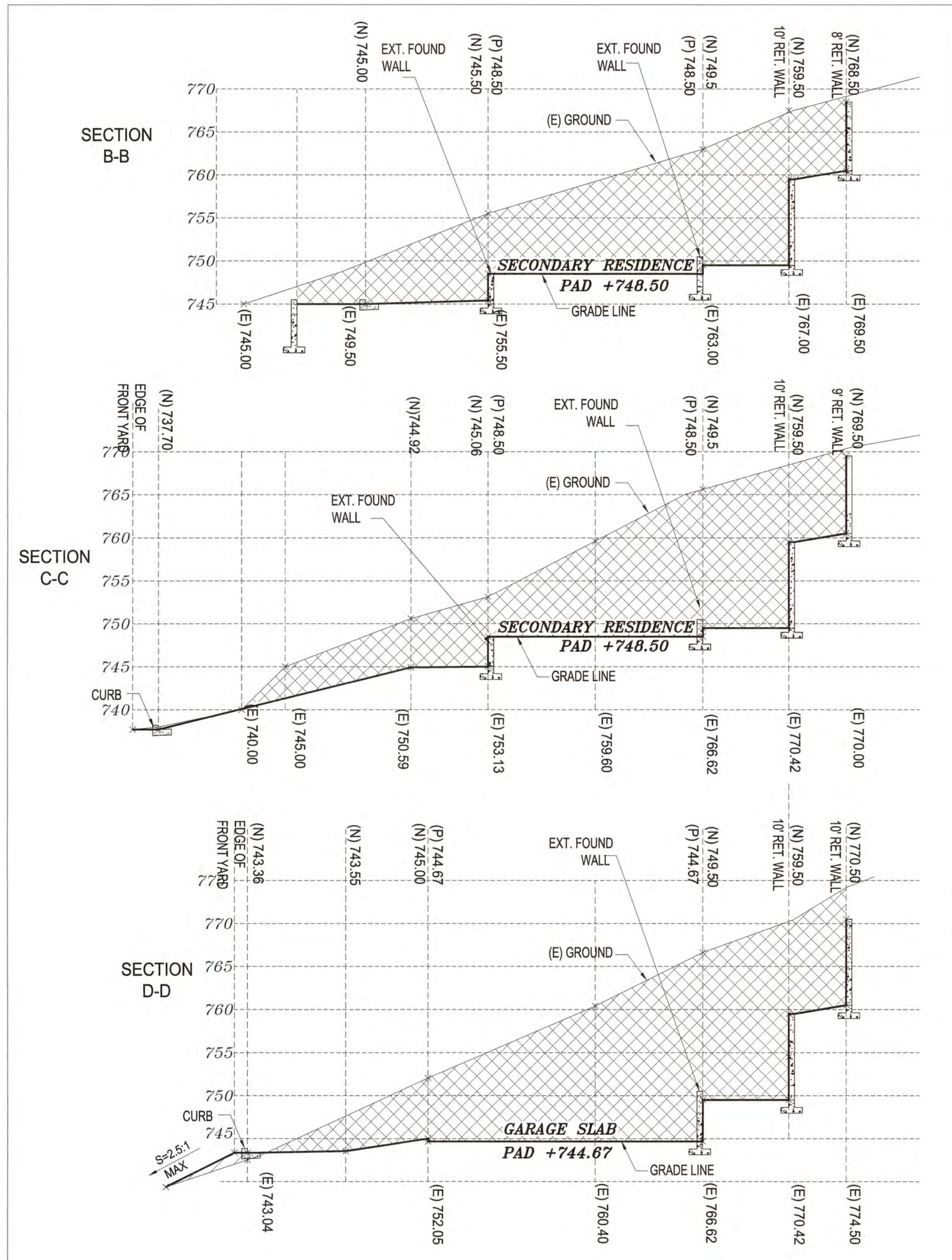
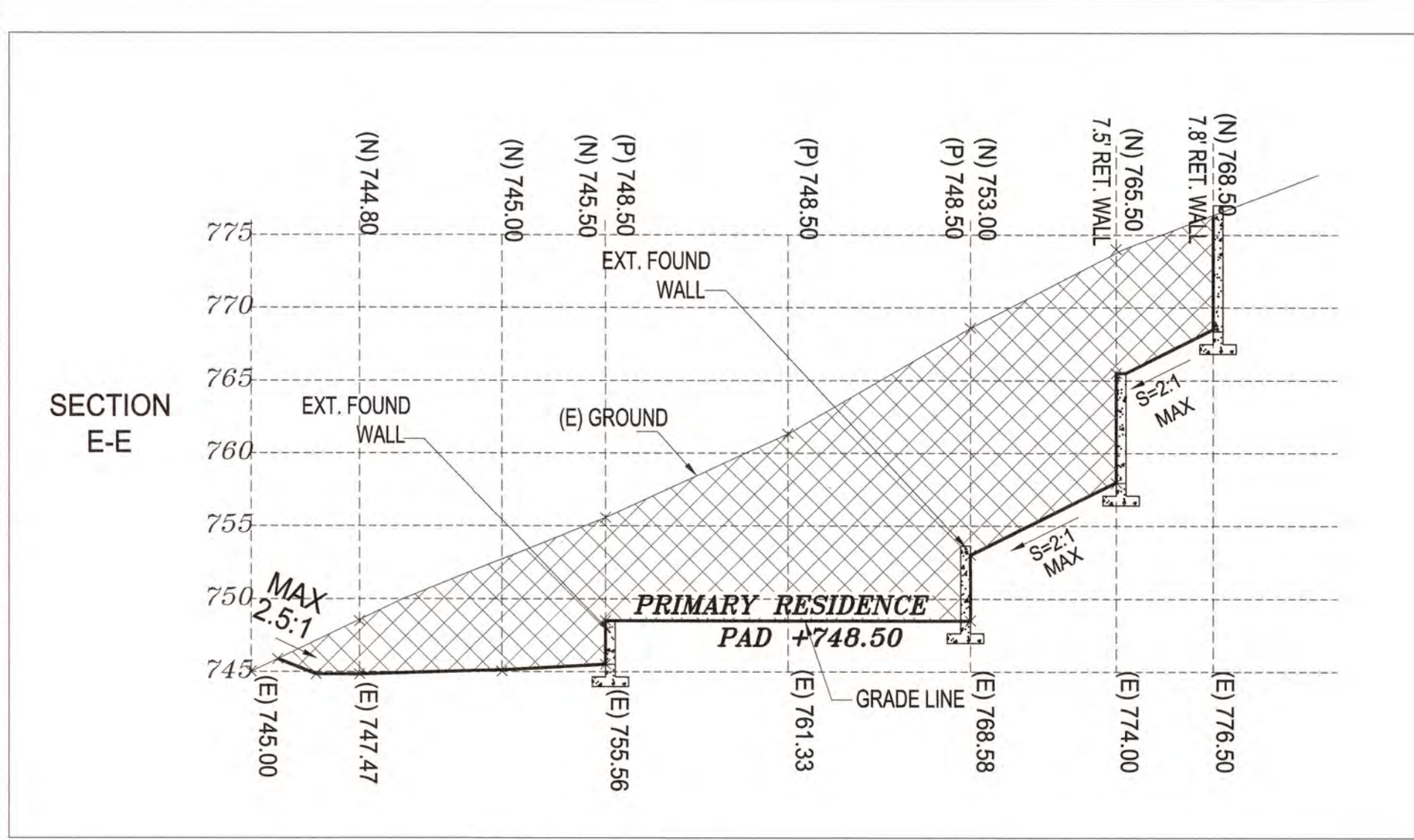
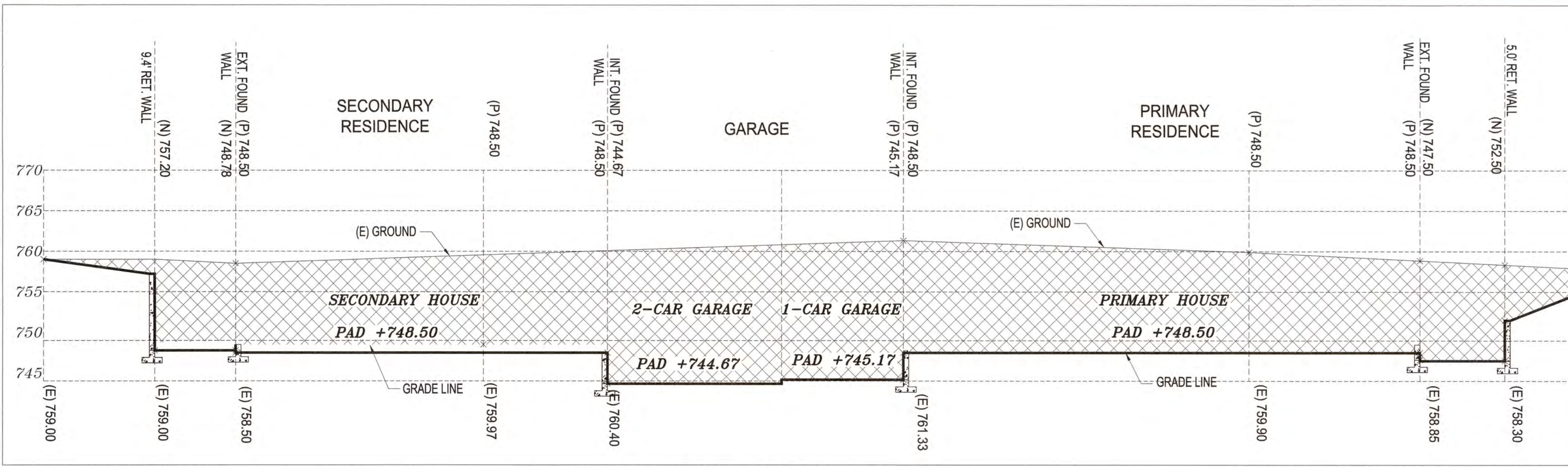
SCALE: AS SHOWN

PROJECT NO:	SHEET:
PC 32632	C5 5 of 12

APPLICANT: VANDAYSHIA

ROAD: SIMONI DR.

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



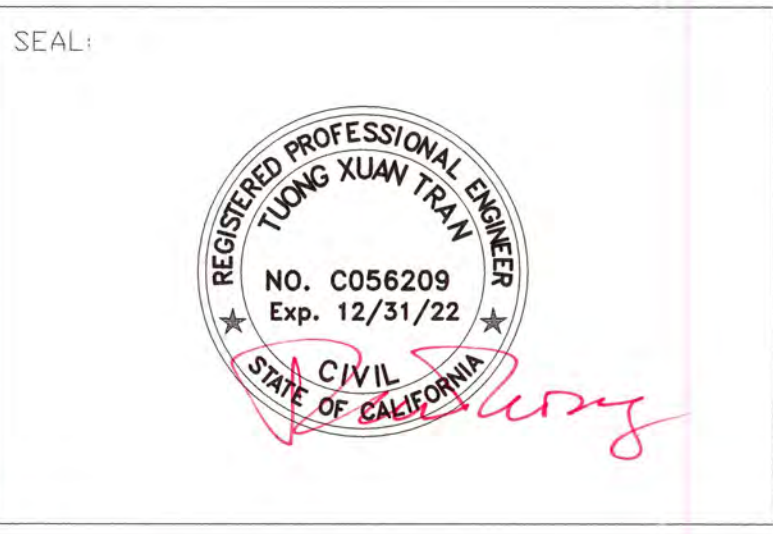
EARTHWORK VOLUME CALCULATIONS

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:

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



DATE: 05-08-08

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VANDAYSHIA ESTATE
APN 612-10-004

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VANDAYSHIA R.E.I.C.

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BUILDING GRADING SECTIONS

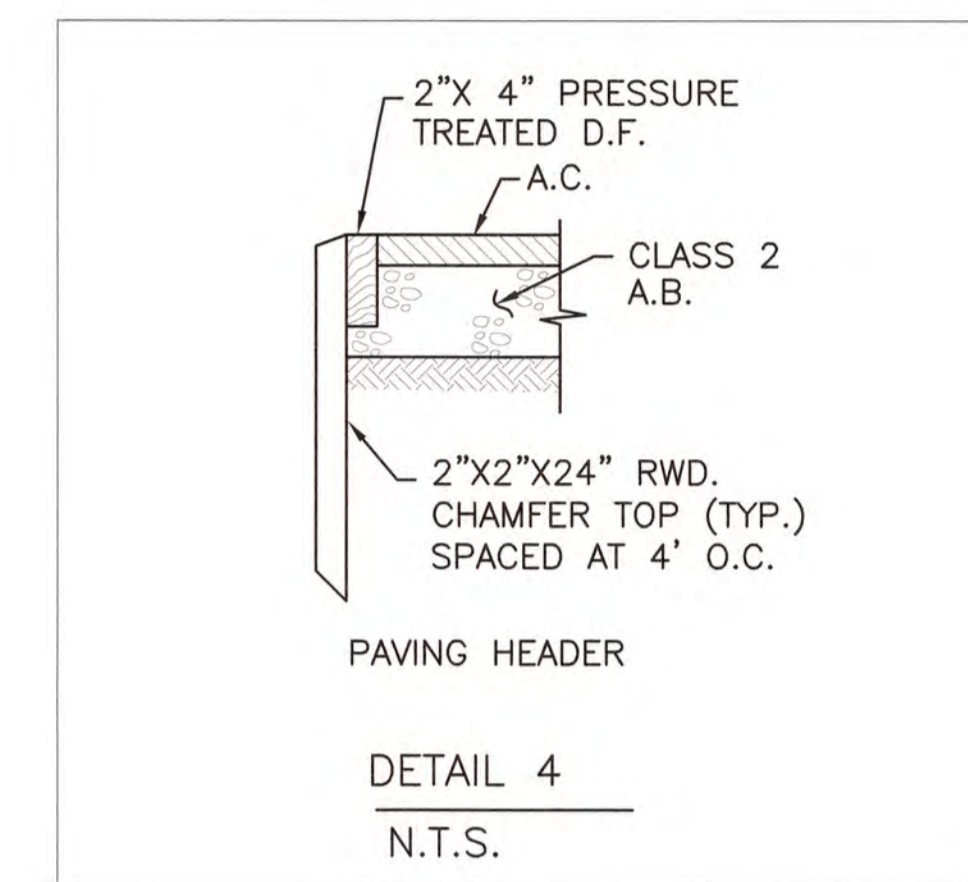
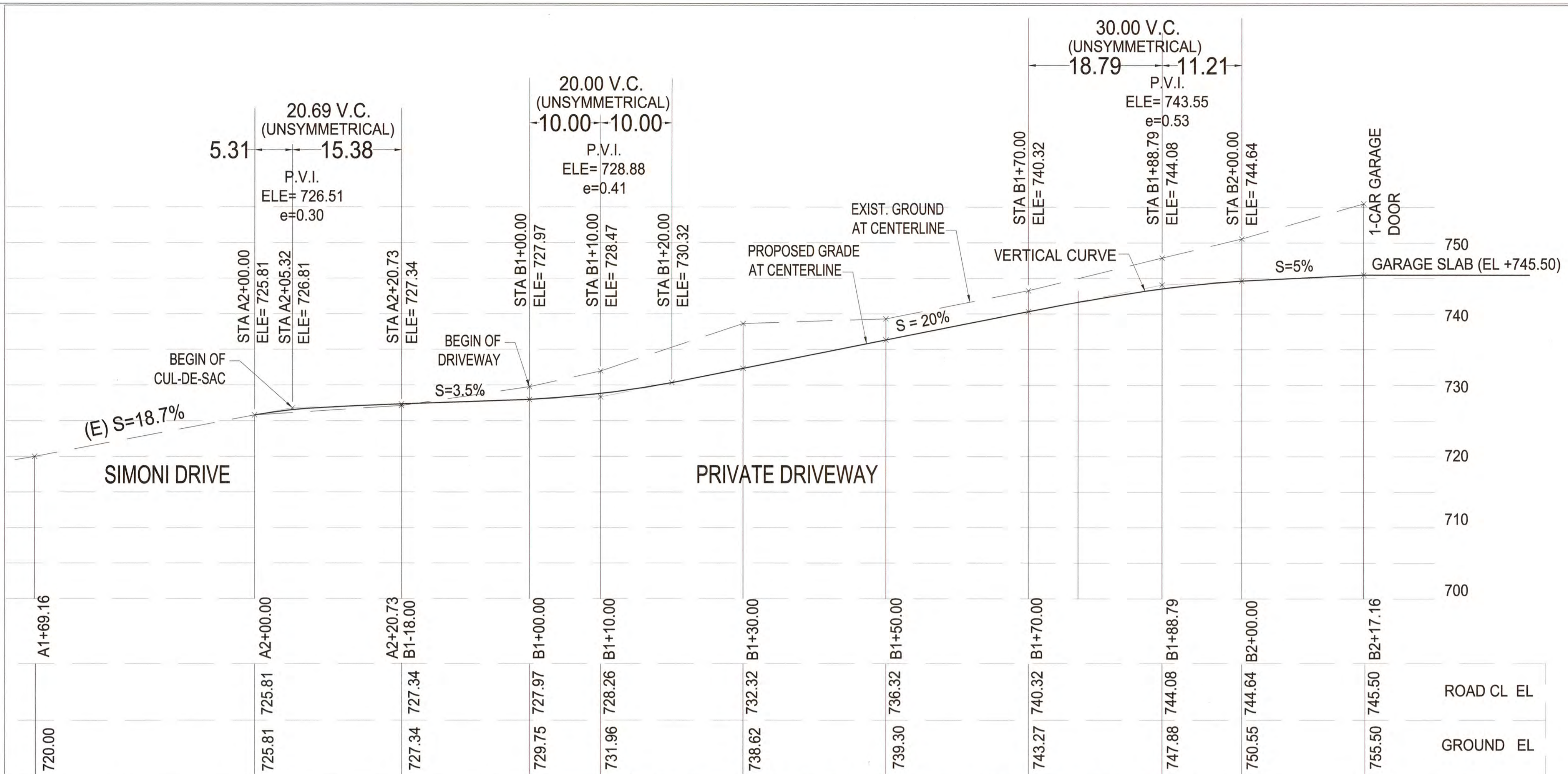
SCALE: 1"=10'

PROJECT NO: PC 32632	SHEET: C6 6 of 12
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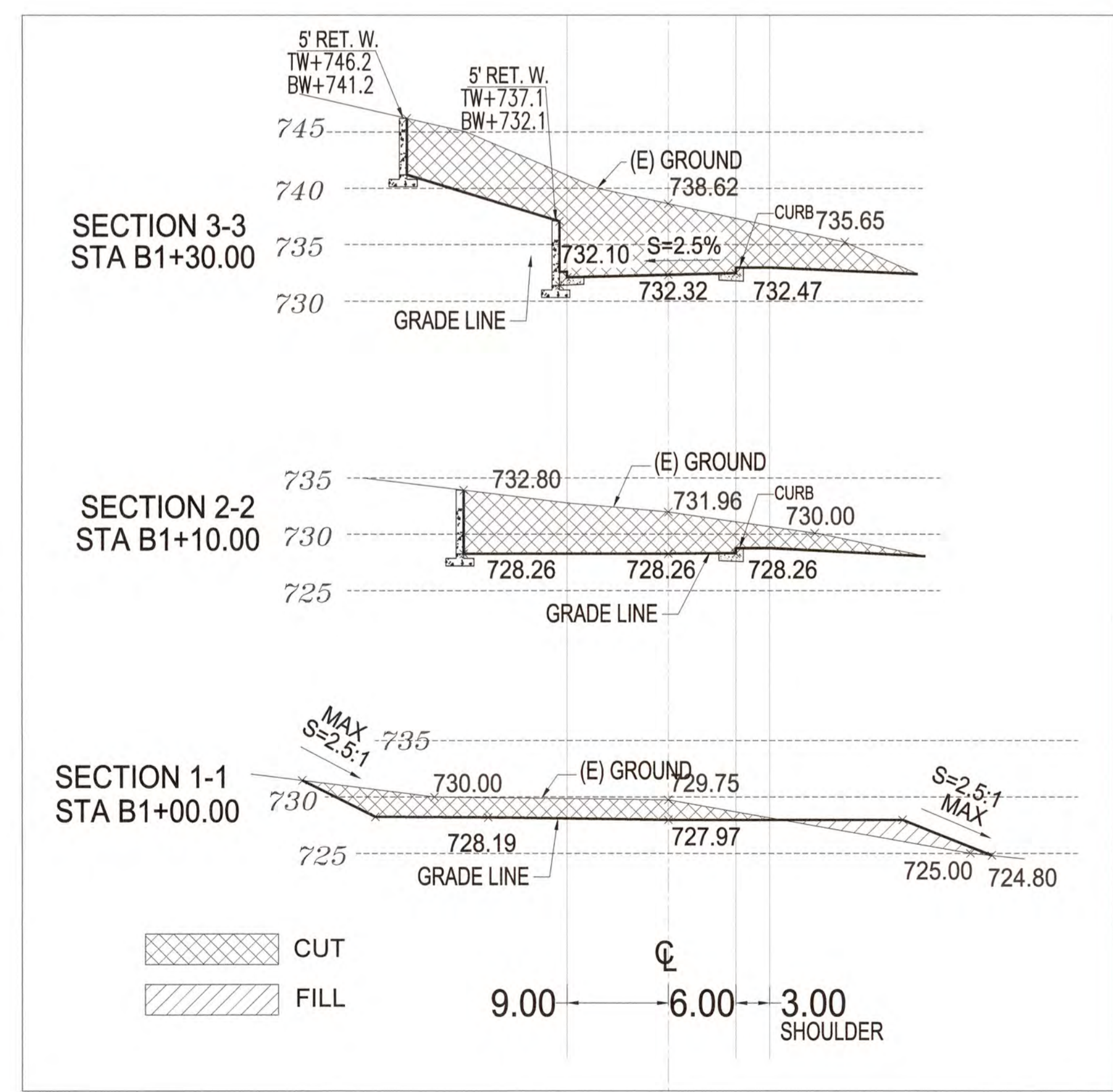
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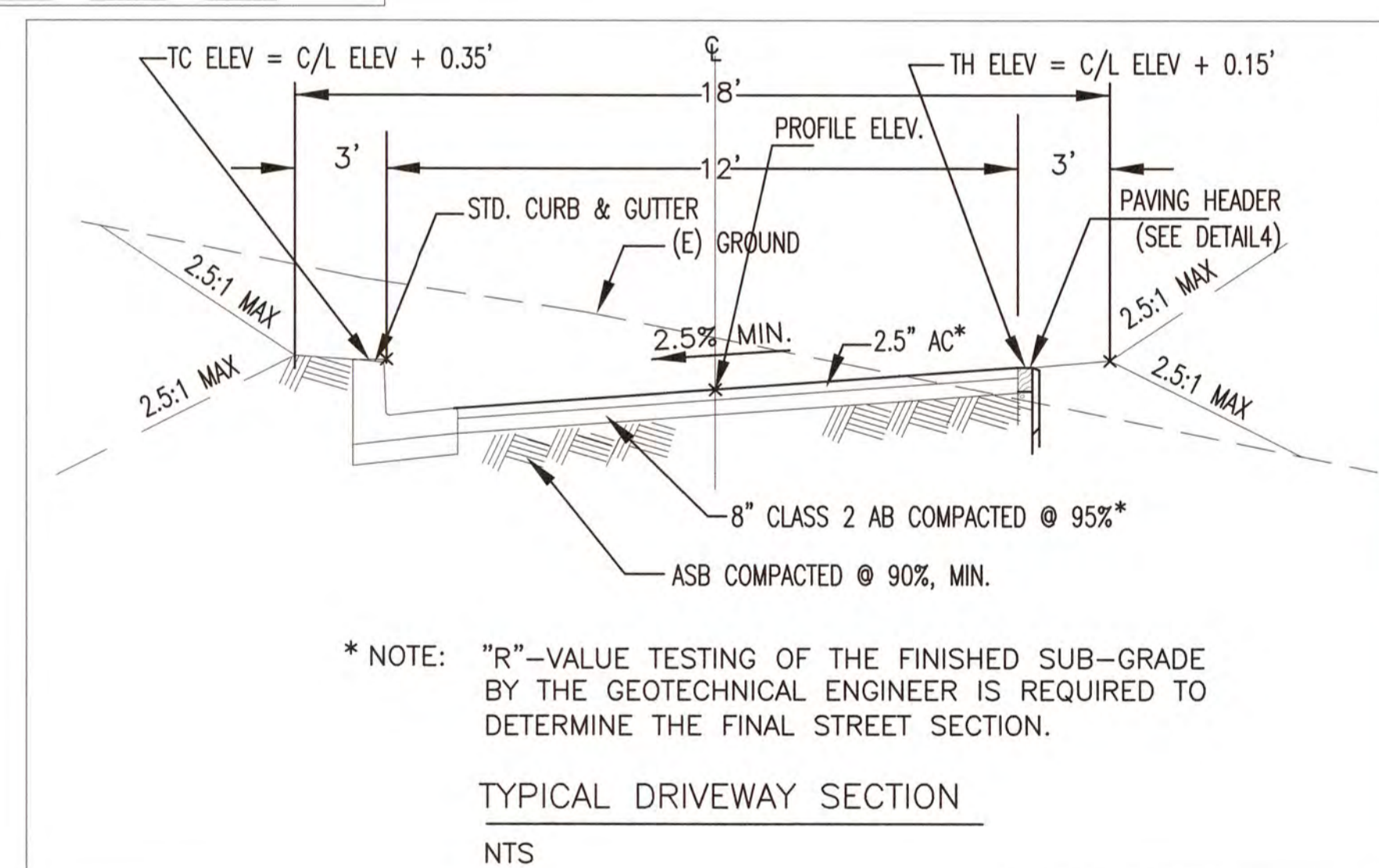
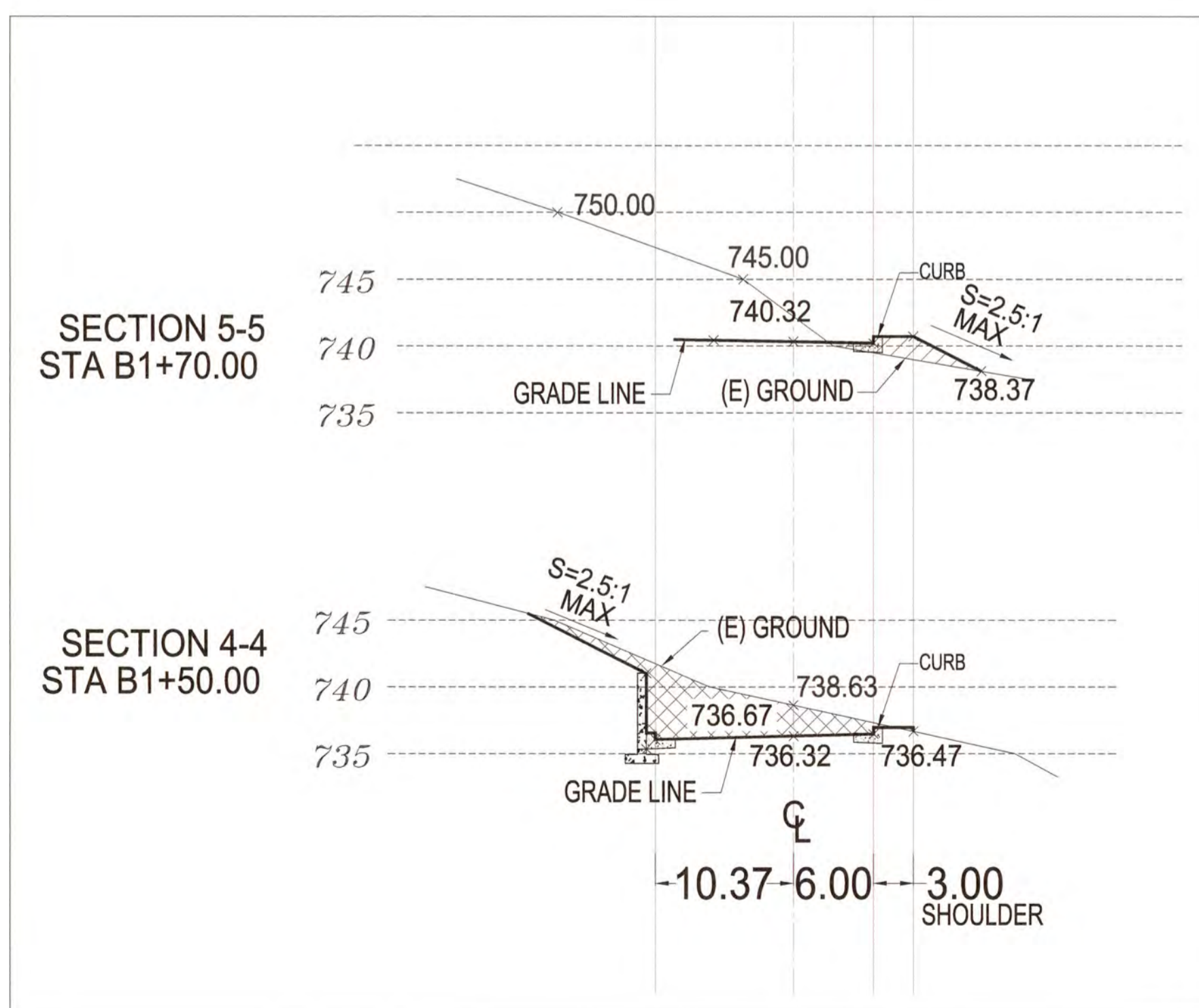
DATE: 05-08-08			
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REVISION	DATE	REVISION	DATE



DRIVEWAY CENTER LINE PROFILE, REFER TO PLAN ON SHEET C4
STA A2+00.00 TO STA B2+17.16 SCALE: 1"=10'



DRIVEWAY 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	63	18	28	3	
Section 2-2	91	0	146	0	-25
Section 3-3	302	0	153	0	-171
Section 4-4	111	0	41	2	-324
Section 5-5	0	6			-363
			368	5	
	TOTAL EXCAVATION =		368	CU YD	
	TOTAL EMBANKMENT =		5	CU YD	
	BALANCE =		363	CU YD	

DRIVEWAY CUT AND FILL

VANDAYSHIA ESTATE

APN 612-10-004

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SAN JOSE, CA 95127

OWNER
VANDAYSHIA R.E.I.C.

Phone: 408-829-2805

P.O. BOX 360577
MILPITAS, CA 95036

DRIVEWAY

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

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Tel: (408) 425-4523
Fax: (408) 226-3475
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REVISION	DATE	REVISION	DATE

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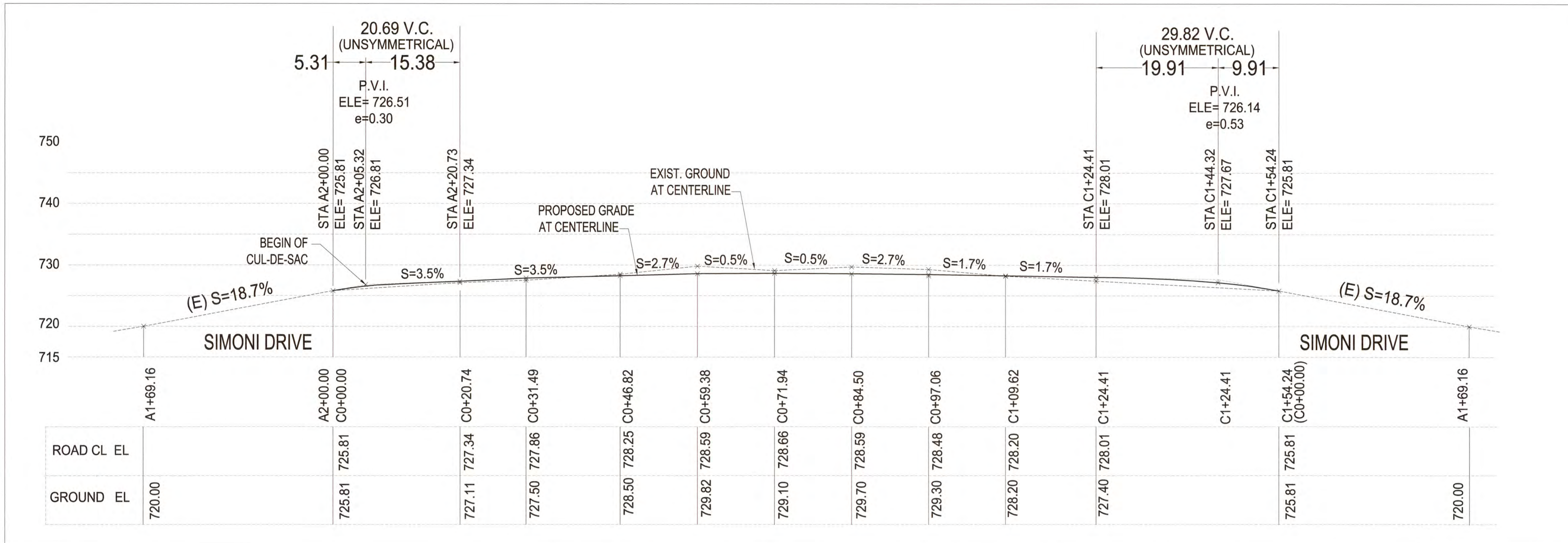
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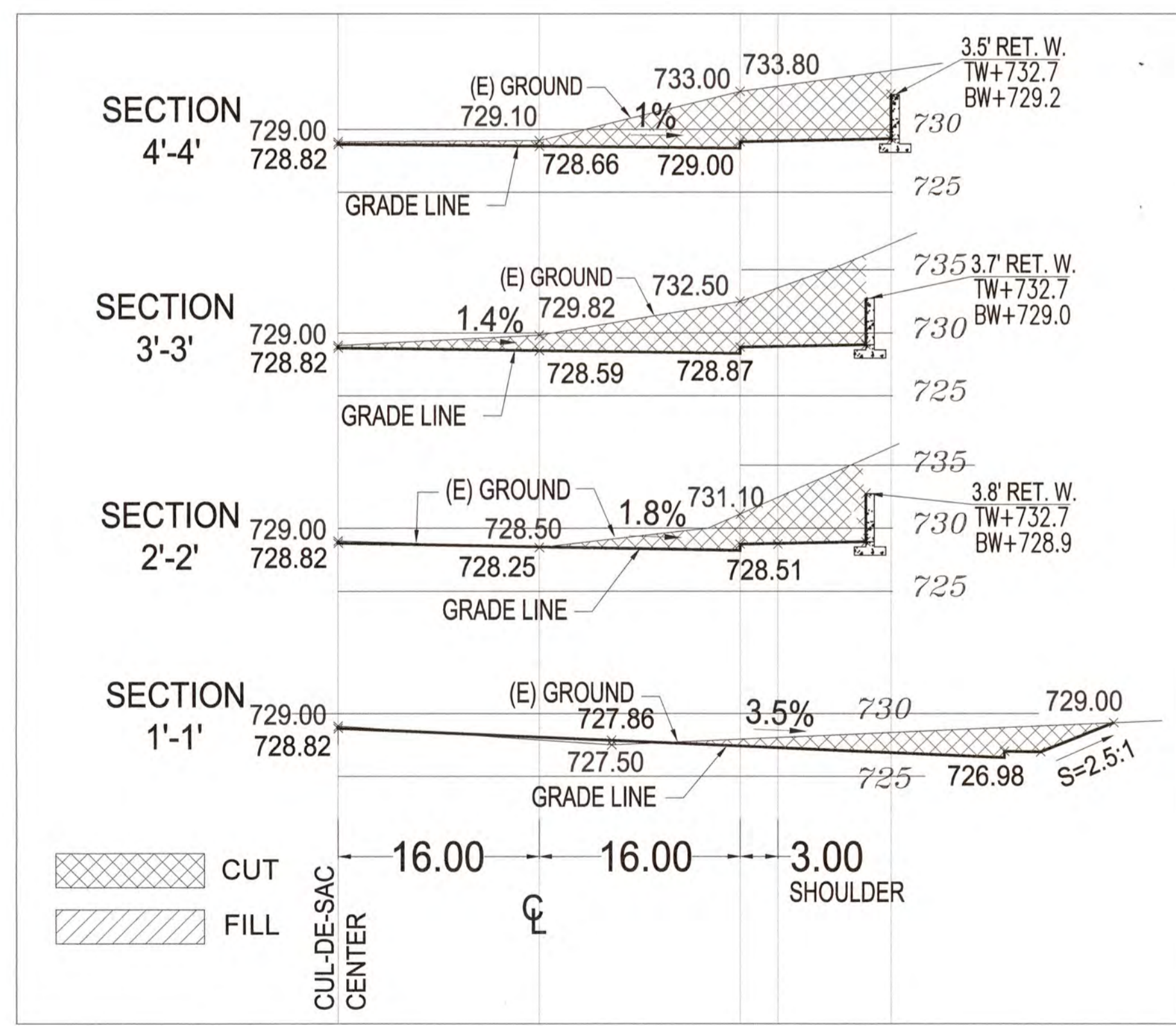
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CUL-DE-SAC

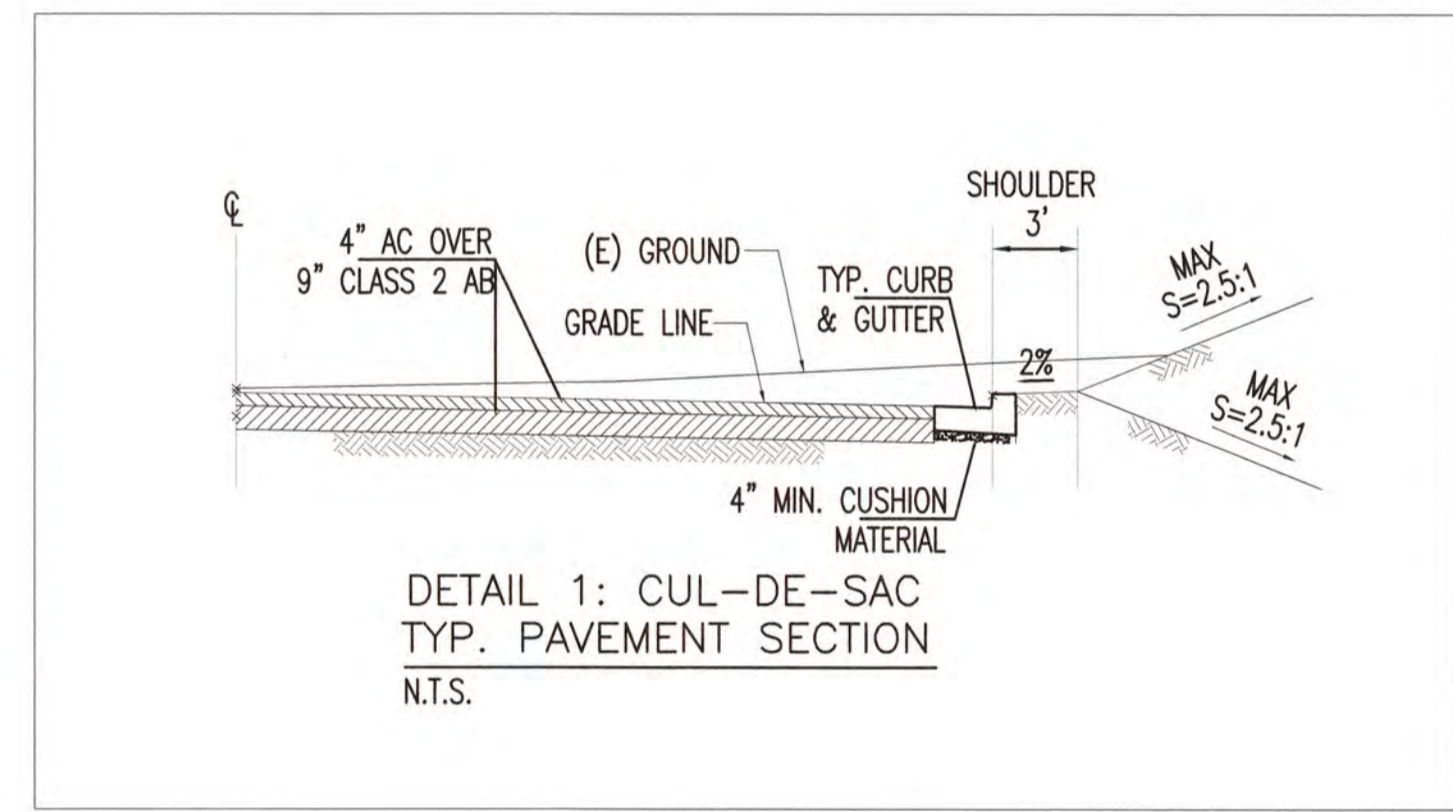
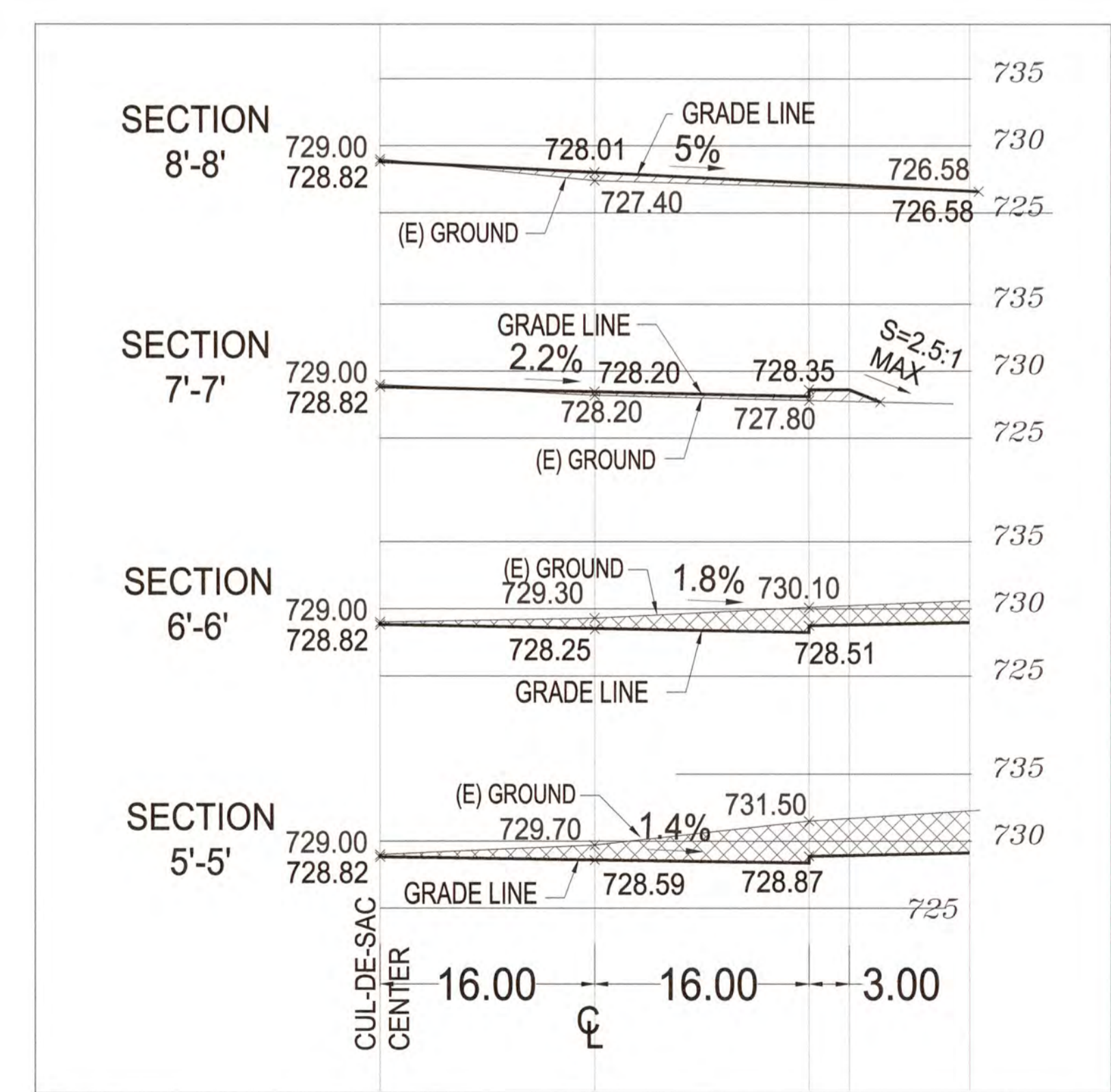
SCALE: 1"=10'
PROJECT NO: PC 32632 SHEET: **C8**
8 of 12



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	
TOTAL EXCAVATION =					157 CU YD
TOTAL EMBANKMENT =					10 CU YD
BALANCE =					147 CU YD

CUL-DE-SAC CUT AND FILL

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Tel: (408) 425-4523
Fax: (408) 226-3475
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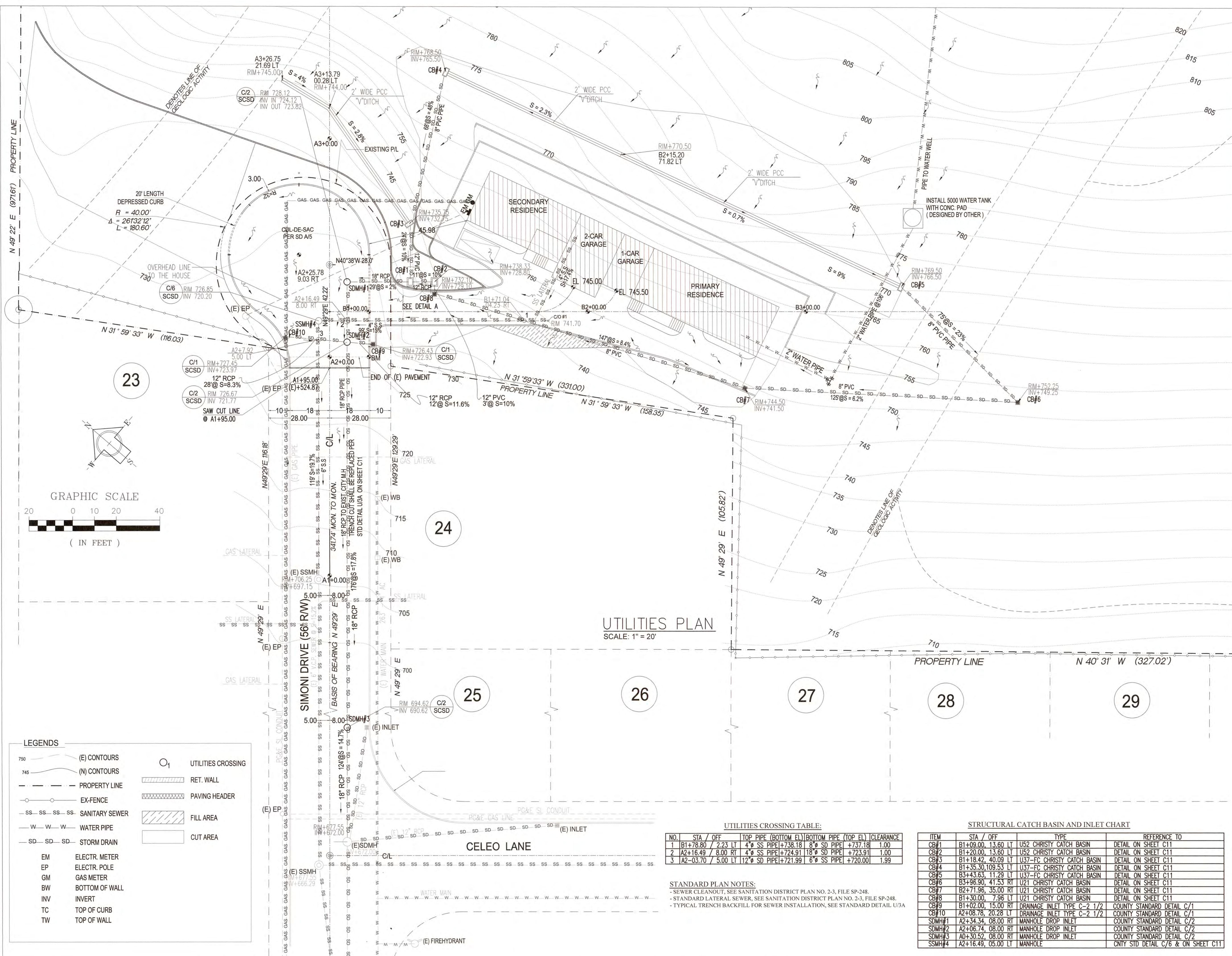
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Phone: 408-829-2805

P.O. BOX 360577
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STORM DRAIN LINES AND UTILITIES PLAN

SCALE: AS SHOWN
PROJECT NO: PC 32632 SHEET: **C9**
9 of 12



UTILITIES PLAN
SCALE: 1" = 20'

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	18" 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+09.00, 13.60 LT	U52 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#2	B1+20.00, 13.60 LT	U52 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#3	B1+18.42, 40.09 LT	U37-FC CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#4	B1+35.30, 109.53 LT	U37-FC CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#5	B3+43.63, 11.29 LT	U37-FC CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#6	B3+96.90, 41.53 RT	U21 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#7	B2+71.96, 35.00 RT	U21 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#8	B1+30.00, 7.96 LT	U21 CHRISTY CATCH BASIN	DETAIL ON SHEET C11
CB#9	B1+02.00, 15.00 RT	DRAINAGE INLET TYPE C-2 1/2	COUNTY STANDARD DETAIL C/1
CB#10	A2+08.78, 20.28 LT	DRAINAGE INLET TYPE C-2 1/2	COUNTY STANDARD DETAIL C/1
SDM#1	A2+34.34, 08.00 RT	MANHOLE DROP INLET	COUNTY STANDARD DETAIL C/2
SDM#2	A2+06.74, 08.00 RT	MANHOLE DROP INLET	COUNTY STANDARD DETAIL C/2
SDM#3	A0+30.52, 08.00 RT	MANHOLE DROP INLET	COUNTY STANDARD DETAIL C/2
SSM#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/3-4.

LEGENDS

750	(E) CONTOURS	O ₁	UTILITIES CROSSING
745	(N) CONTOURS	▨	RET. WALL
- - - -	PROPERTY LINE	▨	PAVING HEADER
- - - -	EX-FENCE	▨	FILL AREA
- - - -	SANITARY SEWER	▨	CUT AREA
- - - -	WATER PIPE		
- - - -	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		

526 Calero Ave, San Jose, CA 95123
 Tel: (408) 425-4523
 Fax: (408) 226-3475
 Email: info@tranvu.com



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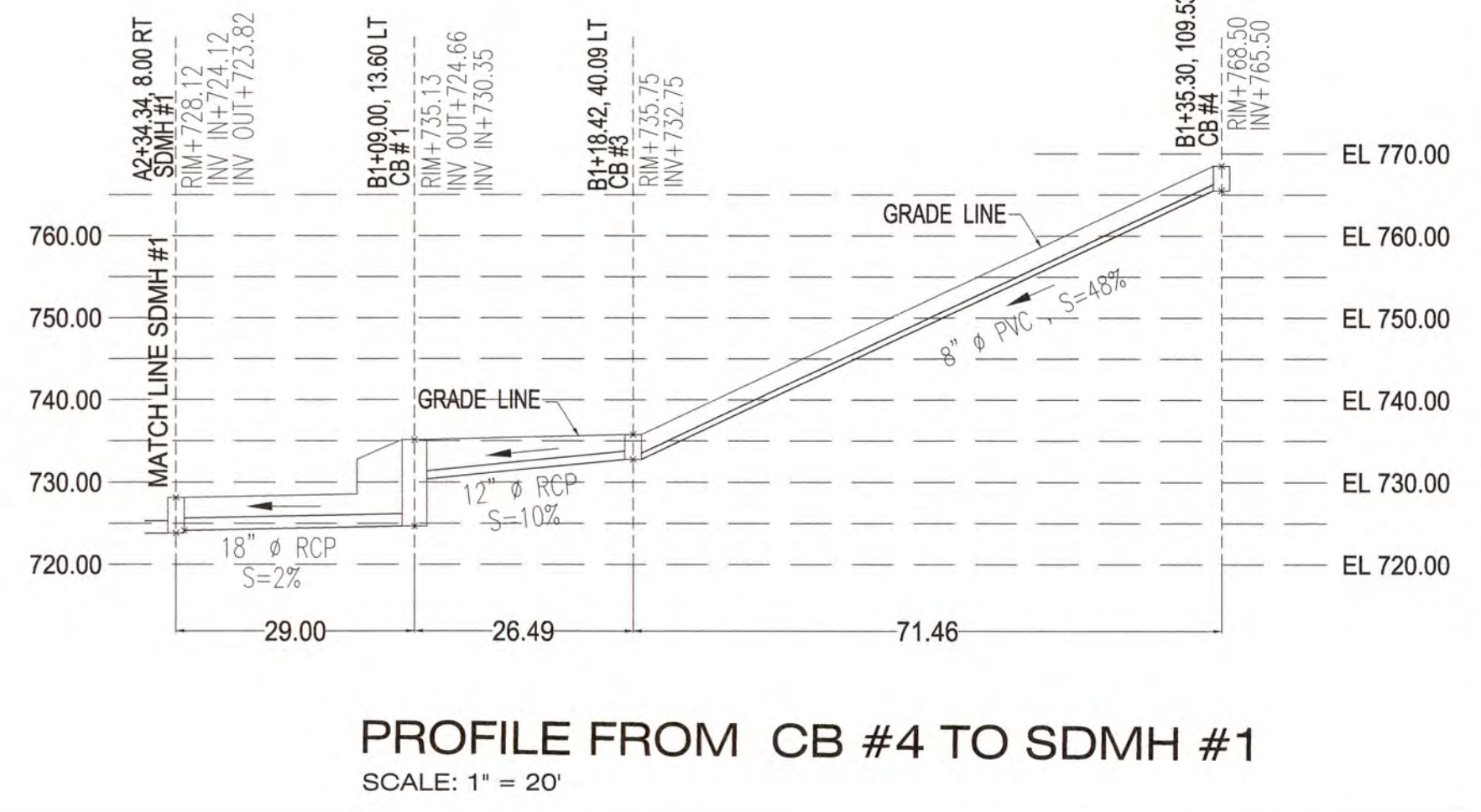
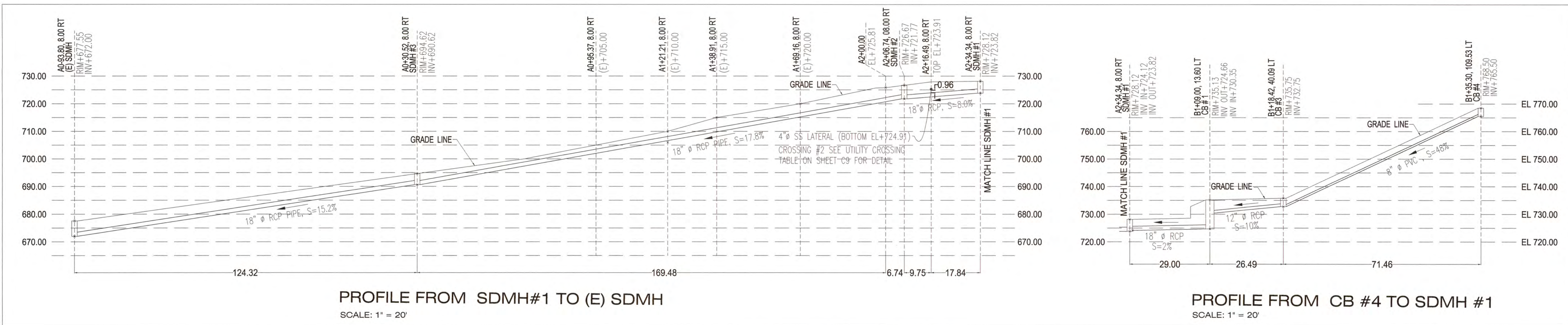
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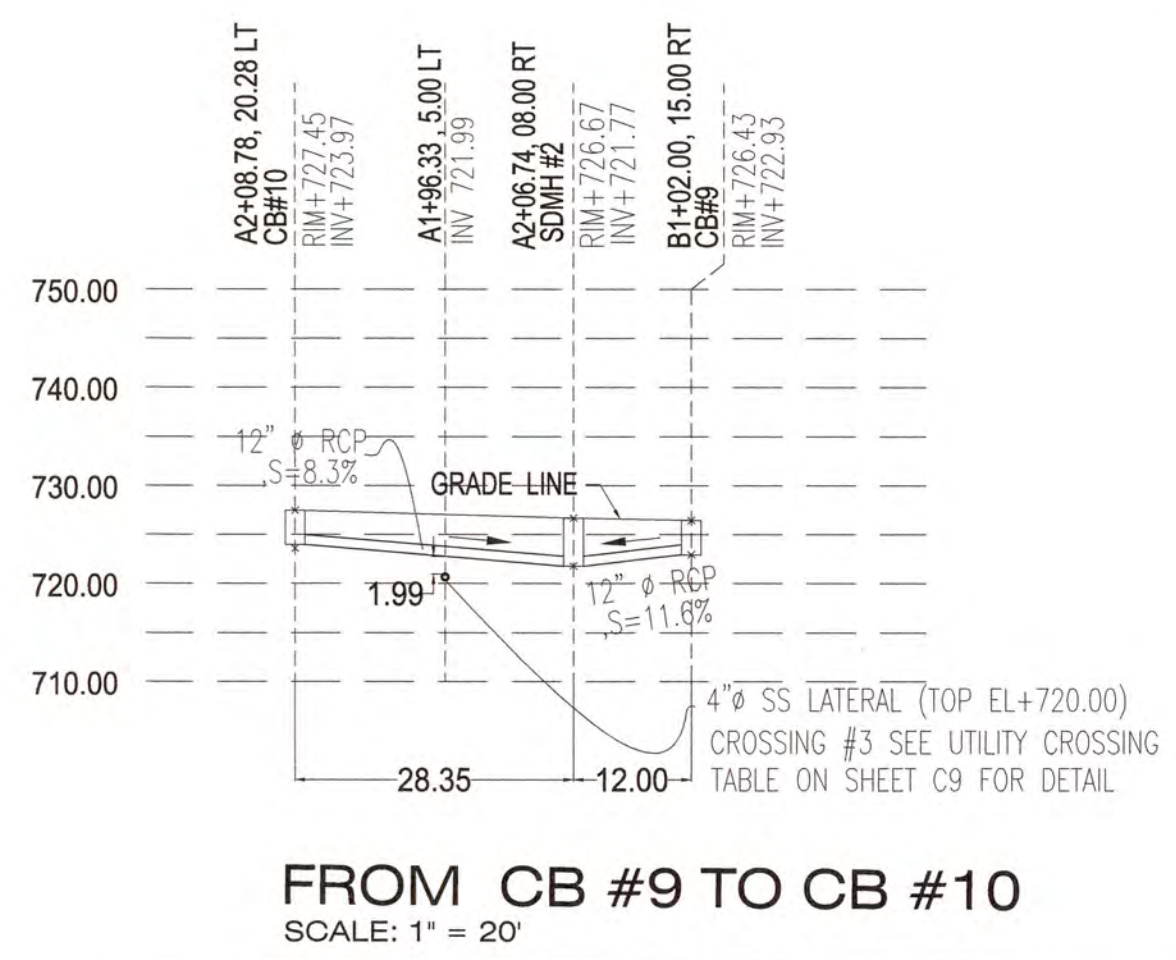
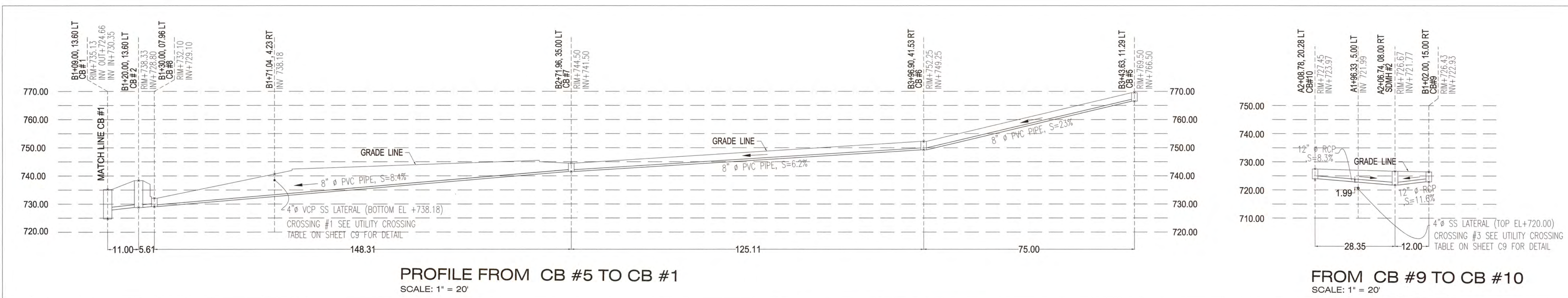
**STORM DRAIN LINE AND
 UTILITY PROFILES**

SCALE: AS SHOWN

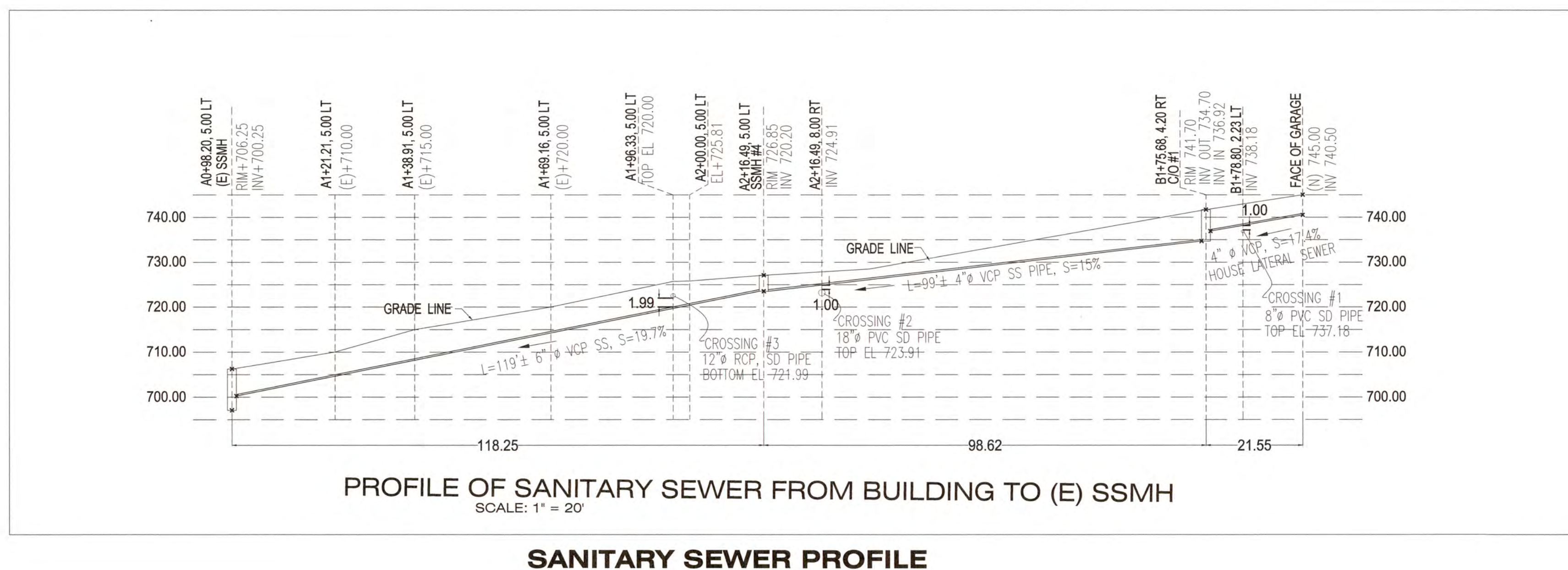
PROJECT NO:	SHEET:
PC 32632	C10 10 of 12



STORM DRAIN PROFILE



STORM DRAIN PROFILE



SANITARY SEWER PROFILE

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SEAL:

DATE: 05-08-08

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

STANDARD DETAILS
TYPICAL UTILITY TRENCH CONSTRUCTION

METRIC (& ENGLISH) UNITS

GUTTER PLAN

SECTION B-B - CURB & GUTTER PROFILE
No Scale

NOTES:

- All metal parts shall be hot dipped galvanized after fabrication.
- Concrete shall develop a strength of 20.7 MPa (3000 psi) at 28 days.
- Maximum gutter slope without upstream gallery is 6%.
- Cast in place base shown. Approved precast base optional.
- Drainage inlet options:
 - Santa Rosa Cast Products Co., (tel. 707-546-5016)
272 kg (600 lb) precast concrete model 2 1/2 A shown.
23 kg (50 lb) pelican fiberglass model 2 1/5 A.
 - Teichert Aggregates, (tel. 916-484-3304)
272 kg (600 lb) pavement concrete model 2 1/2 A.
 - Christy Concrete Products, (tel. 800-486-7070)
746 kg (1644 lb) model U37
 - Other approved equal.

METRIC (& ENGLISH) UNITS

SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT

VAP 09/26/07
SIO 09/26/07
VAP TH 9/26/07

STANDARD DETAILS
DRAINAGE INLET TYPE C-2 1/2

U 3A

APPLY FOG SEAL COAT OVER TRENCH CONSTRUCTION

CLEAN EDGE (SAWCUT)

EXISTING PAVEMENT

150mm (6") SEE NOTE 6 (TYP)

450mm (18") MIN. (TYP)

100mm (4") MIN. A.C. (PLACED IN 2 LIFTS)

300mm (12") CLASS 2 AGGREGATE BASE. (SEE NOTE 4)

UTILITY PIPE

150mm (6") MIN.

BACKFILL MATERIAL (SEE NOTE 5)

150mm (6") MIN.

NOTES:

- THE SURFACE COURSE SHALL BE TYPE A, 12mm (1/2") MEDIUM ASPHALT CONCRETE.
- ALL NEW UTILITIES SHALL BE INSTALLED ON CUT SIDE OF NEW ROAD IN HILLSIDE AREA.
- ALL NEW UTILITIES ARE TO BE INSTALLED BELOW ANY EXISTING CULVERTS.
- COMPACTION FOR CLASS 2 A.B. SHALL BE NO LESS THAN 95%. EACH LAYER SHALL NOT EXCEED 150mm (6") IN THICKNESS. 150mm (6") R.C.C. SHALL BE PROVIDED IN LIEU OF AGGREGATE BASE WHEN PIPE COVER TO FINISH GRADE IS LESS THAN 610mm (24").
- TRENCH BACKFILL SHALL CONFORM TO SECTION 19 OF THE CURRENT SANTA CLARA COUNTY STANDARD SPECIFICATIONS.
- FOG SEAL COAT SHALL CONSIST OF A MIXTURE OF SLOW-SETTING TYPE ASPHALT EMULSION AND ADDITIONAL WATER. ADDITIONAL REQUIREMENTS APPLY FOR PAVEMENT 0-4 YEARS OLD. SEE STANDARD DETAILS U/3B AND U/3C.
- NO OPEN-CUT OF EXPRESSWAY SHALL BE ALLOWED UNLESS APPROVED BY THE ROAD COMMISSIONER. OTHER CONDITIONS SHALL APPLY TO EXPRESSWAY ENCROACHMENTS.
- COUNTY ORDINANCE NO. N-703.9 REQUIRES PAYMENT OF TRENCH CUT FEES AS OFFSET FOR DAMAGE TO PAVEMENT STRUCTURE. IN LIEU OF FEE, FOR LONGITUDINAL TRENCH CUT ONLY, ALTERNATE SECTIONS SHOWN ON SHEETS U/3B AND U/3C MAY BE PROPOSED. NO ALTERNATE SECTIONS ARE AVAILABLE FOR TRANSVERSE TRENCH CUTS.

METRIC (& ENGLISH) UNITS

STANDARD DETAILS
TYPICAL UTILITY TRENCH CONSTRUCTION

U 3A

U21 CATCH BASIN
2' x 2' WITH 4" WALLS

PER JOB SPECIFICATION

WITH OR WITHOUT 2" WEEP HOLES

Cast-in galvanized frame for grates 1-1/2" x 1-1/2" angle iron with anchor bolts

Grooved to receive tongue of grade rings, curb inlets, etc.

6" exposed rebar to allow job site pouring of special curb shapes at grade level, etc.

Cast-in galvanized frame for steel covers with bolt down provision

Recessed for 1/4" steel covers with bolt down provision

KNOCK OUT

NOTES:

KNOCK-OUTS AVAILABLE IN GRADE RINGS AND CATCH BASINS. OPENINGS, LOCATIONS AND SIZES TO JOB SPECIFICATIONS. WITH OR WITHOUT BOTTOM.

PROGRESSIVE WEBBED KNOCK-OUTS PROVIDE MAXIMUM FLEXIBILITY, PERMITTING PIPE OF ANY SIZE TO BE NEATLY AND QUICKLY GROUDED IN AT JOB SITE. STANDARD GRADE RINGS AVAILABLE IN 6" INCREMENTS UP TO 4' HIGH. ALL REINFORCING STEEL MEETS ASTM SPECIFICATIONS.

U37-FC CATCH BASIN
2' x 4' x 15" DEEP WITH 5" WALLS

4'-10"

3-1/2" x 3-1/2" x 1-1/2" Angle, Galvanized

Slope 1/4" ft

26-3/4"

3-1/2"

4-1/2"

Typical Key

Curb Inlet Section

Sidewalk bar optional

Gutter Line

Typical Saddle Section for use with large diameter RCP

Grout

Typical U36 Catch Basin to fit U37-FC Curb Inlet

Angle nose only

NOTES:

DESIGNED TO FIT U36 CATCH BASINS. ALSO, WHEN USED WITH A 4'x5'x6" ADAPTER SLAB, WILL FIT U52 U52 CATCH BASINS. THE U37-1 CURB INLET IS A PRECAST CONCRETE BOX REINFORCED WITH 4"x4" #6X#6 WELDED WIRE FABRIC AND 3-1/2"x3-1/2" GALVANIZED ANGLE IRON.

THE 14" GALVANIZED CHECKER PLATE, 2 PIECE COVER IS BOLTED DOWN TO THE METAL FRAME.

Christy Ordering Code	Approx. Weight	Shipping Description
U37CFC	1530	U37FC Curb Inlet (2' x 4' x 15" deep - 5" Walls) Fits U36 Catch Basin
U37ASL	1380	U37-A adapter slab (5' x 5' x 6") reinforced concrete - fits U52 catch basin
U37-62D	113	Steel checker plate, galvanized, 2 pcs.

Christy Concrete Products, Inc.

Catch Basins

U52 CATCH BASIN
3' x 4' WITH 6" WALLS

PER JOB SPECIFICATION

WITH OR WITHOUT 2" WEEP HOLES

Cast-in galvanized frame for grates 1-1/2" x 1-1/2" angle iron with anchor bolts

Grooved to receive tongue of grade rings, curb inlets, etc.

6" exposed rebar to allow job site pouring of special curb shapes at grade level, etc.

Cast-in galvanized frame for steel covers with bolt down provision

Recessed for 1/4" steel covers with bolt down provision

KNOCK OUT

NOTES:

KNOCK-OUTS AVAILABLE IN GRADE RINGS AND CATCH BASINS. OPENINGS, LOCATIONS AND SIZES TO JOB SPECIFICATIONS. WITH OR WITHOUT BOTTOM.

PROGRESSIVE WEBBED KNOCK-OUTS PROVIDE MAXIMUM FLEXIBILITY, PERMITTING PIPE OF ANY SIZE TO BE NEATLY AND QUICKLY GROUDED IN AT JOB SITE. STANDARD GRADE RINGS AVAILABLE IN 6" INCREMENTS UP TO 4' HIGH. ALL REINFORCING STEEL MEETS ASTM SPECIFICATIONS.

Christy Concrete Products, Inc.

Catch Basins

ECCENTRIC PRECAST MANHOLE SHAFT

Standard 610 mm (24") frame & cover

P.C.C. collar in paved areas

40 mm (1.5")

65 mm (2.5")

1.8 m (6')

2.4 m (8')

145 mm (5 3/4")

205 mm (8") Min.

300 mm (1')

610 mm (2')

Standard precast concrete sections

900 mm (3')

300 mm (1')

900 mm (3')

1.2 m (4')

150 mm-1070 mm (6" - 42")

Mortar

150 mm (6')

2/3 pipe diameter

150 mm (6')

1.5 m (5) min.

METRIC (& ENGLISH) UNITS

SANTA CLARA COUNTY ROADS AND AIRPORTS DEPARTMENT

STANDARD DETAILS
MANHOLE SHAFT

C 6

PCC "V"-DITCH
DETAIL 3
N.T.S.

6"

24"

6"

1'-6"

1.5:1 MAX SLOPE

W.S.

3"

6"x6"x10 GA. MESH CONCRETE CLASS "A"

APPLICANT: VANDAYSHIA

ROAD: SIMONI DR.

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

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

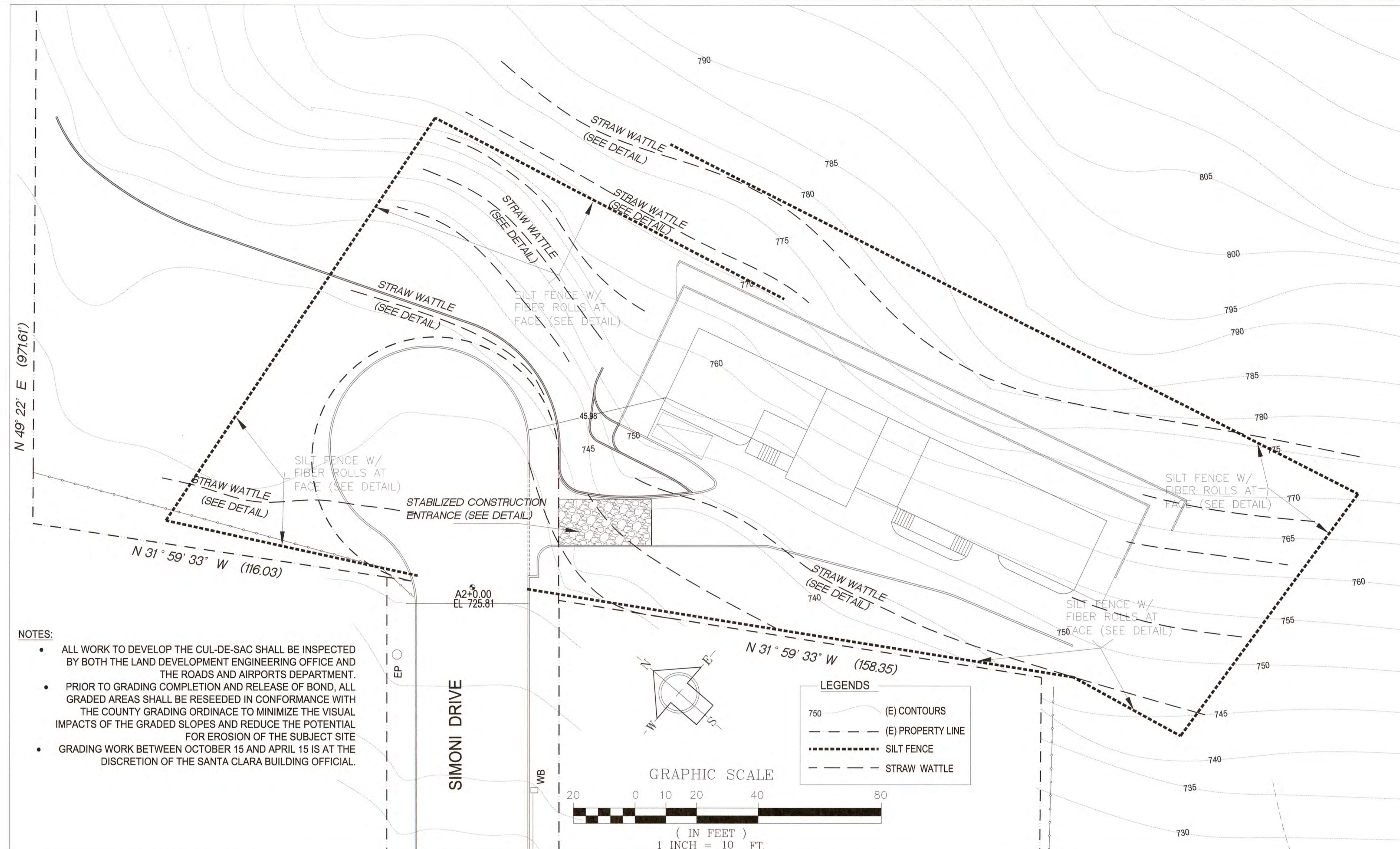
DETAILS AND NOTES

SCALE: AS SHOWN

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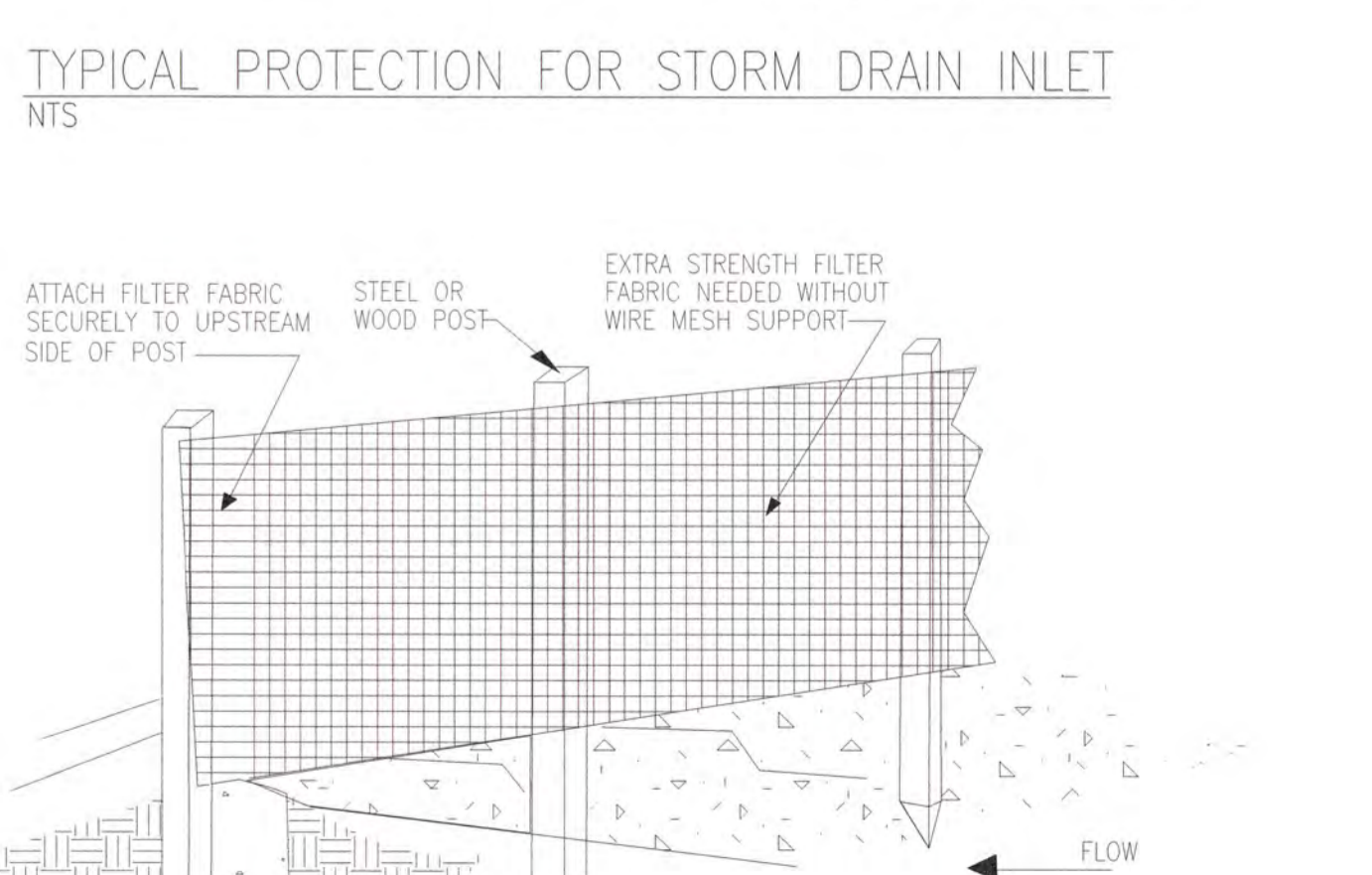
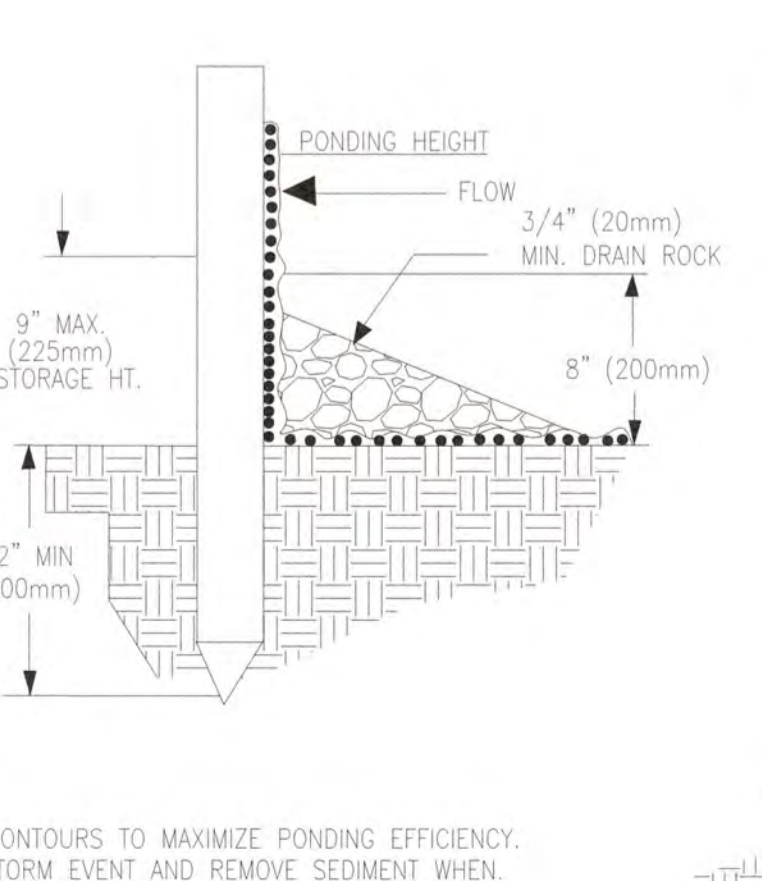
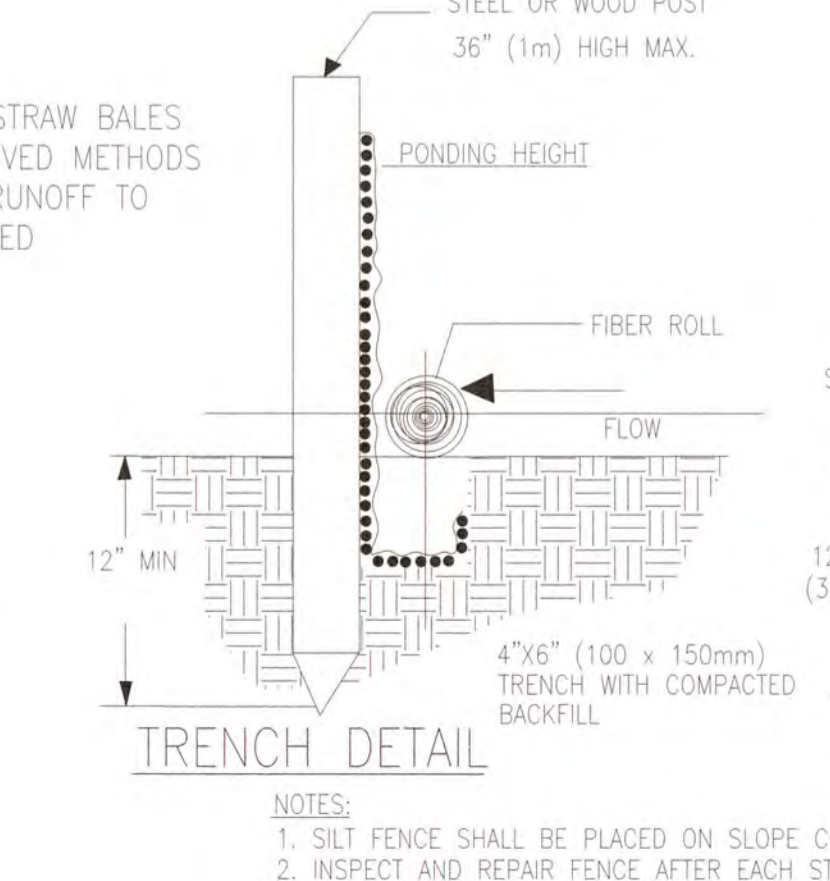
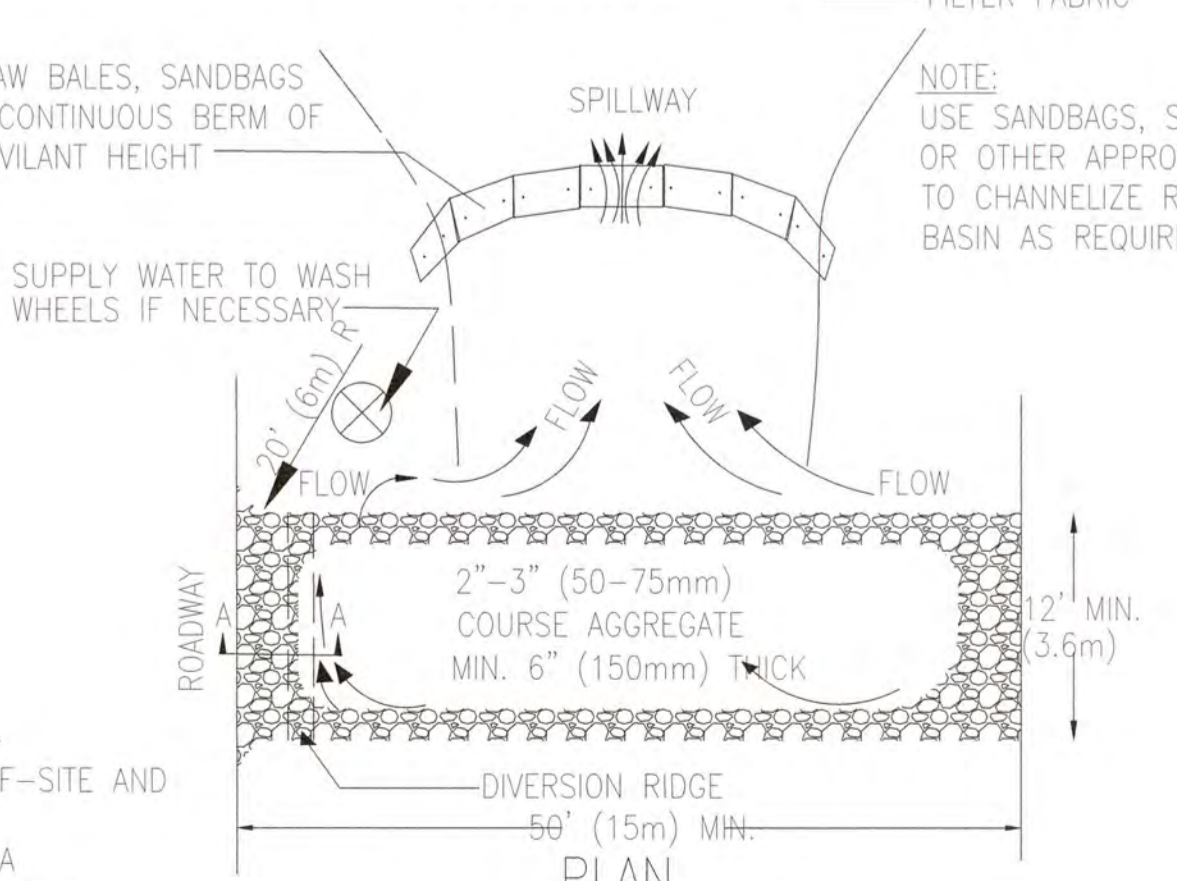
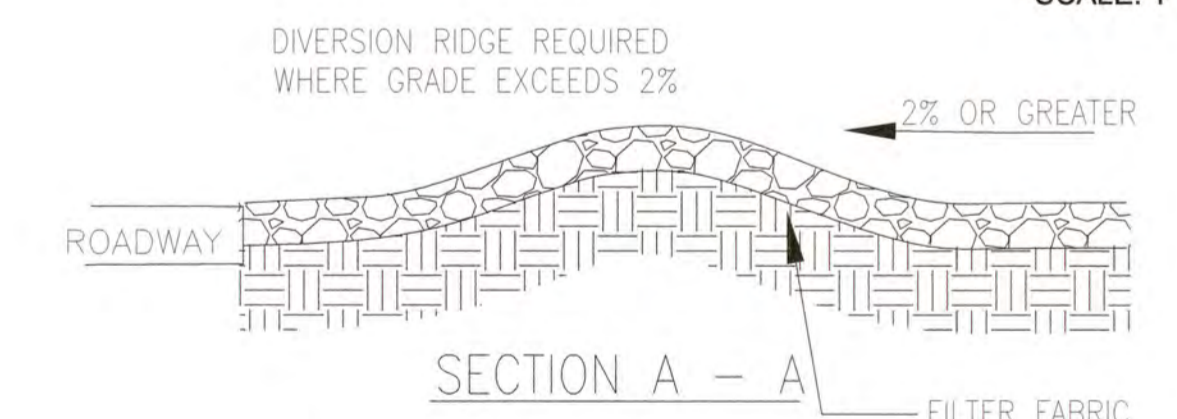
EROSION CONTROL PLAN NOTES

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 FILING 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 RESEEDED 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 FOR EROSION OF THE SUBJECT SITE
 - GRADING WORK BETWEEN OCTOBER 15 AND APRIL 15 IS AT THE DISCRETION OF THE SANTA CLARA BUILDING OFFICIAL.

EROSION CONTROL PLAN
SCALE: 1"=20'



- 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\"/>

TRANVU, LLC
surveyors - engineers - architects

526 Calero Ave, San Jose, CA 95123
Tel: (408) 425-4523
Fax: (408) 226-3475
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

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