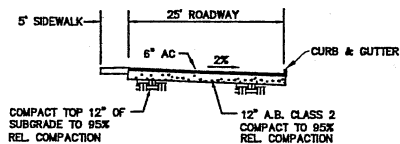


SITE DATA

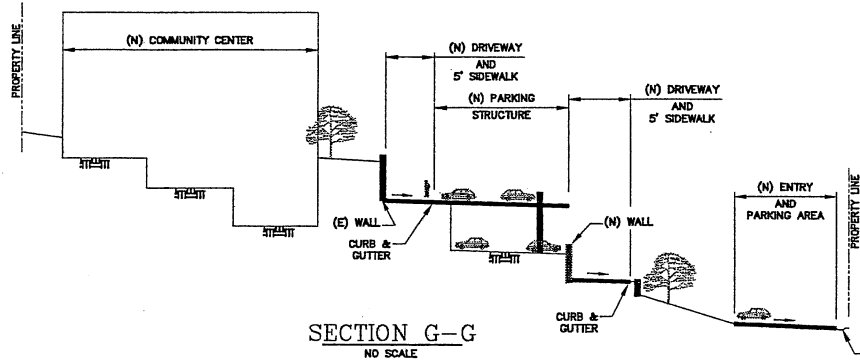
PARCEL A:	APN 420-080-025	1.62 acres
PARCEL B:	APN 419-180-016	0.20 acres
PARCEL C:	APN 420-080-004	4.87 acres
TOTAL AREA		6.69 acres



SECTION F-F
NO SCALE

SEE SHEET C1.4 FOR SECTIONS A THRU E.

SITE MAP
SCALE 1" = 60'



SECTION G-G
NO SCALE

EARTHWORK QUANTITIES

	(Cut) cu.yd.	(Fill) cu.yd.	Net cu.yd.
PHASE 1	9,925	2,648	7,277 (Cut)

	(Cut) cu.yd.	(Fill) cu.yd.	Net cu.yd.
PHASE 2	0	0	0

	(Cut) cu.yd.	(Fill) cu.yd.	Net cu.yd.
PHASE 3	1,292	29	1,263 (Cut)

	(Cut) cu.yd.	(Fill) cu.yd.	Net cu.yd.
PHASE 4	3,533	1,200	2,333 (Cut)

NOTE: CONTRACTOR TO VERIFY THE QUANTITIES

GENERAL NOTES

- ALL WORKMANSHIP AND MATERIALS FOR BOTH ON-SITE AND OFF-SITE IMPROVEMENTS SHALL CONFORM TO THE CURRENT STANDARD SPECIFICATIONS OF CONTRA COSTA COUNTY, AND/OR THE LATEST EDITION OF THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS AND STANDARD PLANS. THE IMPROVEMENTS SHALL BE INSPECTED BY THE PUBLIC WORKS INSPECTOR.
- CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR BEING FAMILIAR WITH THE PROVISIONS AND REQUIREMENTS CONTAINED IN THE STANDARD SPECIFICATIONS. CONTRACTOR SHALL HAVE A COPY AVAILABLE AT THE JOB SITE AT ALL TIMES.
- CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR SHALL REQUEST INSPECTIONS A MINIMUM OF 48 HOURS IN ADVANCE.
- CONTRACTOR SHALL NOTIFY ALL PUBLIC OR PRIVATE UTILITY COMPANIES 72 HOURS PRIOR TO COMMENCEMENT OF WORK ADJACENT TO EXISTING UTILITY LINES UNLESS ENCROACHMENT PERMIT SPECIFIES OTHERWISE.
- CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) AT (800) 227-2600 PRIOR TO COMMENCING WORK.
- CONTRACTOR SHALL PROVIDE EMERGENCY TELEPHONE NUMBERS TO THE POLICE, FIRE, AND PUBLIC WORKS DEPARTMENTS AND KEEP THEM INFORMED DAILY REGARDING STREETS UNDER CONSTRUCTION AND DETOURS. DETOURS SHALL NOT BE PERMITTED UNLESS APPROVED IN WRITING BY THE PUBLIC WORKS DIRECTOR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL EXISTING UTILITIES AND INVERTS IN THE FIELD PRIOR TO ANY CONSTRUCTION. LOCATION OF UTILITIES AND UNDERGROUND FACILITIES SHOWN ARE APPROXIMATE AND FOR GENERAL INFORMATION ONLY. REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

CONSTRUCTION CONTRACTOR NOTE: Construction contractor agrees that in accordance with generally accepted construction practices, construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the project, including safety of all persons and property, that this requirement shall be made to apply continuously and not be limited to normal working hours, and construction contractor further agrees to defend, indemnify and hold design professional harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting liability arising from the sole negligence of design professional.

DISCLAIMER: This document and the ideas incorporated herein, as an instrument of professional service is the property of CHAUDHARY & ASSOCIATES, INC., and is not to be used, in whole or in part, for any other project, without the written authorization of CHAUDHARY & ASSOCIATES, INC. **UNAUTHORIZED CHANGES & USES:** The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

- CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT BARRICADES TO PROVIDE FOR SAFETY OF THE GENERAL PUBLIC TO THE SATISFACTION OF THE PUBLIC WORKS DIRECTOR.
- ALL UNDERGROUND UTILITY WORK IN THE STREET AREAS SHALL BE COMPLETED PRIOR TO PLACEMENT OF BASE ROCK UNLESS OTHERWISE NOTED.
- ALL MATERIAL SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL CONFORM TO EXISTING STREETS, SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING, CURBS, GUTTERS, SIDEWALKS, GRADING, ETC., AND TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADE OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.
- CONTRACTOR SHALL COORDINATE ALL NECESSARY UTILITY RELOCATIONS, IF REQUIRED, WITH THE APPROPRIATE UTILITY COMPANIES.
- CONTRACTOR SHALL CONDUCT ALL GRADING OPERATIONS IN SUCH A MANNER AS TO PRECLUDE WIND BLOWN DIRT AND DUST AND RELATED DAMAGE TO NEIGHBORING PROPERTIES. SUFFICIENT WATERING TO CONTROL DUST IS REQUIRED AT ALL TIMES. CONTRACTOR SHALL ASSUME LIABILITY FOR CLAIMS RELATED TO WIND BLOWN MATERIAL. IF THE DUST CONTROL IS INADEQUATE AS DETERMINED BY THE PUBLIC WORKS DIRECTOR OR HIS DESIGNATED REPRESENTATIVE, THE CONSTRUCTION WORK SHALL BE TERMINATED UNTIL CORRECTIVE MEASURES ARE TAKEN. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER EROSION CONTROL.
- CONTRACTOR SHALL PROVIDE TO THE PUBLIC WORKS DEPARTMENT AN EROSION AND SEDIMENT CONTROL PLAN, AND A SCHEDULE FOR IMPLEMENTATION OF SUCH MEASURES, IF ANY LOT OR STREET GRADING IS TO BE DONE BETWEEN OCTOBER 15 THROUGH APRIL 1. HYDROSEEDING OF ALL GRADED SLOPES SHALL BE COMPLETED BY NOVEMBER 1.
- ONE WEEK PRIOR TO INSTALLATION OF THE NEW WATER, STORM DRAIN AND SEWER LINES, THE CONTRACTOR SHALL EXPOSE EXISTING UNDERGROUND UTILITY LINES AT POINTS WHERE CROSSINGS OF THE EXISTING AND NEW UTILITY LINES OCCUR, FOR THE ENGINEER TO REVIEW AND RESOLVE ANY GRADE CONFLICTS.

GRADING NOTES

- ALL SITE PREPARATION (CLEARING & GRUBBING) AND GRADING WORK ON THE PROJECT SITE SHALL CONFORM TO AND FOLLOW RECOMMENDATIONS CONTAINED IN THE RELATED PROJECT SOILS REPORT(S) AND SHALL BE MONITORED AND TESTED BY A LICENSED CIVIL AND/OR A SOILS ENGINEER TO BE RETAINED BY THE OWNER/DEVELOPER.
- THE SITE SHALL BE CAREFULLY INSPECTED BY THE CONTRACTOR TO DETERMINE THE EXTENT OF THE CLEARING, GRUBBING AND GRADING WORK TO BE DONE.
- ALL GRADING SHALL BE DONE TO WITHIN ±0.10 FEET TO THE SPECIFIED ELEVATIONS OR FINISH GRADES.
- POSITIVE SOIL STABILIZATION AND EROSION CONTROL MEASURES SHALL BE INSTITUTED BY THE CONTRACTOR AS THE WORK PROGRESSES.
- ALL SLOPES SHALL BE 2:1 UNLESS OTHERWISE INDICATED. THE TRANSITION FROM CONSTRUCTED SLOPES TO NATURAL GROUND SHALL BE GRADED TO A GENTLY ROUNDED CONTOUR AND NOT LEFT AS AN ABRUPT CHANGE.
- ALL ROUGH GRADING WORK SHALL BE COMPLETED PRIOR TO THE BEGINNING OF ANY BUILDING FOUNDATION WORK.
- PRIOR TO THE CONTRACTOR MAKING ANY FIELD CHANGES IN GRADES, HE SHALL HAVE THE APPROVAL OF THE COUNTY ENGINEER AND OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM GROUND ELEVATIONS AND OVERALL TOPOGRAPHY OF THE SITE PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING IMMEDIATELY OF ANY DIFFERENCES IN TOPOGRAPHY FROM THAT SHOWN ON THIS PLAN WHICH MAY REQUIRE CHANGES IN DESIGN AND/OR EFFECT THE EARTHWORK QUANTITY.
- THE CONTRACTOR SHALL ESTIMATE THE EARTHWORK QUANTITIES TO HIS/HER SATISFACTION PRIOR TO THE START OF CONSTRUCTION AND SHALL ARRANGE FOR DISPOSAL OF EXCESS MATERIAL, ACQUISITION OF IMPORT MATERIAL AS REQUIRED TO COMPLETE THE GRADING AS SHOWN ON THIS PLAN. NO ADDITIONAL COMPENSATION WILL BE MADE FOR ANY EXPORT OR IMPORT REQUIRED.
- A GEOTECHNICAL REPORT WAS PREPARED FOR THE PROJECT BY JOYCE ASSOCIATES, DATED FEBRUARY 28, 2007. THE GEOTECHNICAL REPORT SHOULD BE CONSIDERED PART OF THE PLANS. ALL GRADING, FOUNDATION EXCAVATIONS AND SUBSURFACE DRAINAGE SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.

STORM DRAIN NOTES

- ALL STORM DRAIN PIPES SHALL BE PVC SCHEDULE 80, UNLESS OTHERWISE SPECIFIED IN THE PLANS.
- STORM DRAIN MANHOLES SHALL BE CONSTRUCTED AS PER COUNTY STANDARD DETAILS.
- CONCRETE SHALL BE CLASS "2" AND REBAR SHALL BE GRADE 40 STEEL.
- ALL GRATES SHALL BE BOLT-DOWN & ADA COMPLIANT.
- HARD PIPE ALL BUILDING DOWNSPOUTS TO STORM DRAINAGE SYSTEM.

LEGEND

AB	AGGREGATE BASE	JT	JOINT TRENCH
AD	AREA DRAIN	LF	LINEAR FEET
AC	ASPHALTIC CONCRETE	LFG	LOWER PLAZA FINISH GRADE
ACP	ASBESTOS CEMENT PIPE	LH	LAMP HOLE
APPROX.	APPROXIMATE	MH	MANHOLE
BFD	BACK FLOW DEVICE	NIC	NOT IN CONTRACT
BSW	BACK OF SIDEWALK	No.	NUMBER
CB	CATCH BASIN	PCC	PORTLAND CEMENT CONCRETE
C	CENTER LINE	PH	POT HOLE
CO	CLEAN OUT	PL	PULL BOX
CONST.	CONSTRUCT	PL	PROPERTY LINE
DI	DROP INLET	PERF	PERFORATED DRAIN
DIP	DUCTILE IRON PIPE	PVC	POLYVINYL CHLORIDE
DS	DOWN SPOUT	RCP	REINFORCED CONCRETE PIPE
EP	EDGE OF PAVEMENT	RW	RETAINING WALL
(E)	EXISTING	S (SS)	SANITARY SEWER
ELV	ELEVATION	SC	STORM DRAIN CLEAN OUT
FO	FACE OF CURB	SD	STORM DRAIN
FW	FIRE SERVICE WATER LINE	SDMH	SD MANHOLE
FF	FINISH FLOOR	SL	SLOPE
FG	FINISH GRADE	SSCO	SS CLEANOUT
FH	FIRE HYDRANT	SSMH	SS MANHOLE
G	GAS	SW	SIDEWALK
GB	GRADE BREAK	TC	TOP OF CURB
GV	GAS VALVE	(TYP.)	TYPICAL
HP	HIGH POINT	UTL	UTILITY
INST.	INSTALL	W	WATER
INVT	INVERT	WM	WATER METER
IRRG.	IRRIGATION	WV	WATER VALVE

SD	STORM DRAIN LINE
SS	SANITARY SEWER LINE
W	WATER LINE
FW	FIRE SERVICE
POLE WITH GUY	POLE WITH GUY
FI	FIRE HYDRANT
(E) TREE	(E) TREE
DETAIL 1/ SHEET 5	DETAIL 1/ SHEET 5
ASPHALT CONCRETE PAVING	ASPHALT CONCRETE PAVING
LIMIT OF WORK LINE	LIMIT OF WORK LINE
AREA DRAIN	AREA DRAIN
DIRECTION OF DRAINAGE/SWALE	DIRECTION OF DRAINAGE/SWALE
LIGHT (SEE ELECTRICAL PLANS FOR DETAILS)	LIGHT (SEE ELECTRICAL PLANS FOR DETAILS)
P&E TRANSFORMER	P&E TRANSFORMER

SHEET INDEX

SHEET NO.	DESCRIPTION
1	C1.0 SITE PLAN & GENERAL NOTES
2	C1.1 PRELIMINARY GRADING & LAYOUT PLAN - PHASE 1
3	C1.2 PRELIMINARY DRAINAGE PLAN - PHASE 1, 2, 3
4	C1.3 FIRE TRUCK ACCESS PLAN - PHASE 1, 2, 3
5	C1.4 ROADWAY PROFILE AND SECTIONS
6	C2.1 PRELIMINARY GRADING & LAYOUT PLAN - PHASE 2
7	C3.1 PRELIMINARY GRADING & LAYOUT PLAN - PHASE 3
8	C4.1 PRELIMINARY GRADING & LAYOUT PLAN - PHASE 4
9	C4.2 PRELIMINARY DRAINAGE PLAN - PHASE 4
10	C4.3 FIRE TRUCK ACCESS PLAN - PHASE 4
11	C5.1 DETAILS

© COPYRIGHT 2007, CHAUDHARY & ASSOCIATES, INC., ALL RIGHTS RESERVED.

DATE: MAY 07, 2007

SHEET

C1.0

1 OF 11 SHEETS

FILE NO: 04-12-082

NO.	DATE	REVISIONS	BY	APPD.	CHECKED	SC/TD

CHAUDHARY & ASSOCIATES, INC.
ENGINEERS SURVEYORS INSPECTORS
851 NAPA VALLEY CORPORATE WAY, SUITE G
NAPA, CALIFORNIA 94558
Tel: (707) 255-2729 FAX: (707) 255-5021 WWW.CHAUDHARY.COM

APPROVED BY:

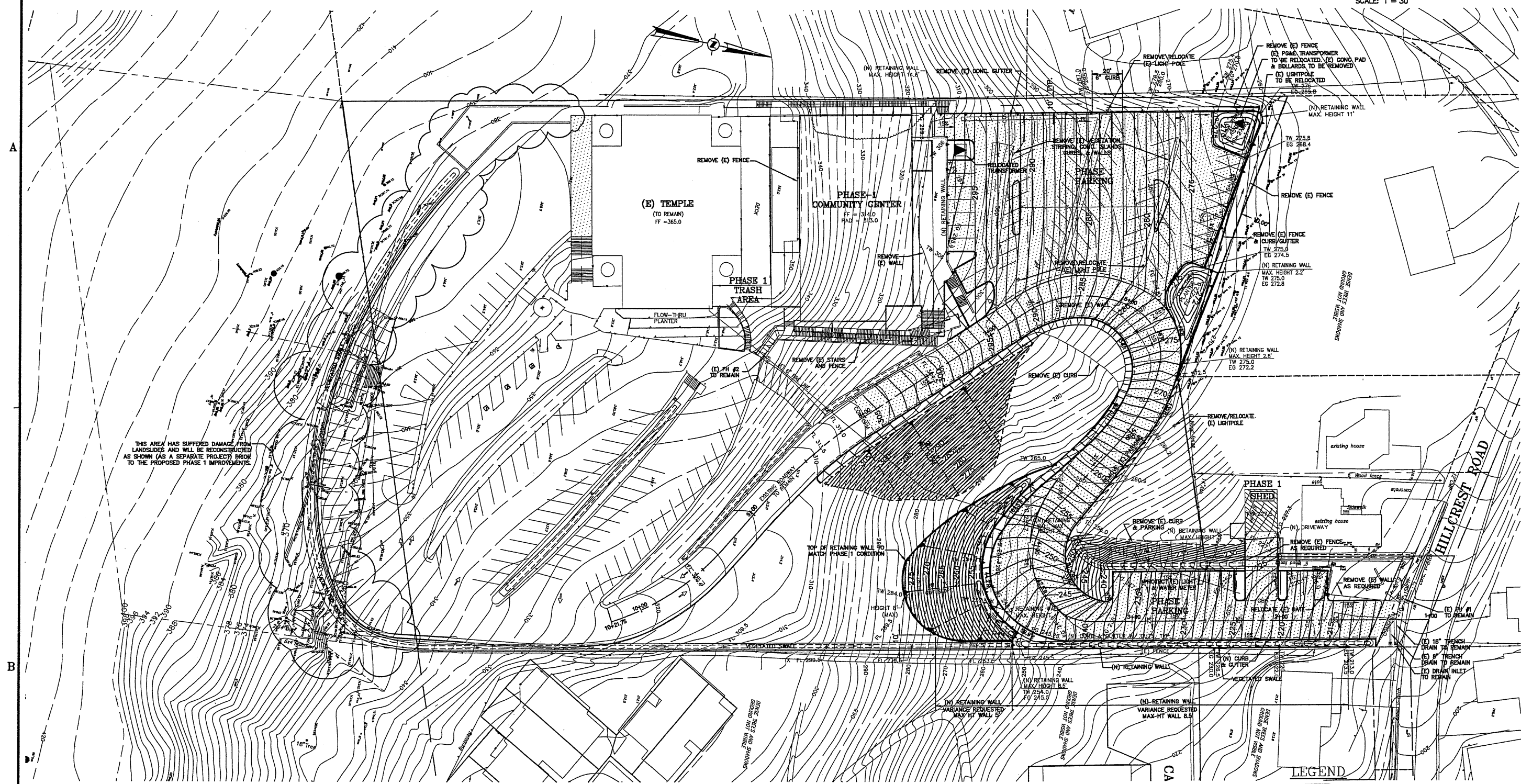
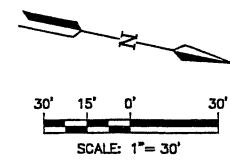
DATE

PREPARED FOR:
The Sikh Center of
San Francisco Bay Area
3550 Hillcrest Road
El Sobrante, California 94803
Tel No. (510) 223-9987
Attn: JP Singh, President

SCALE:
AS SHOWN

USE PERMIT APPLICATION
SITE PLAN & GENERAL NOTES
THE SFBA SIKH CENTER
APN 420-08-004 & 025;
APN 419-180-016
CALIFORNIA

PRELIMINARY GRADING PLAN (PHASE 1)



- LEGEND**
- [Pattern] NEW ASPHALT CONCRETE PAVEMENT
 - [Pattern] NEW RETAINING WALL
 - [Pattern] NEW VEGETATED SWALE

NO.	DATE	REVISIONS	BY	APPD.	CHECKED	SC/TD

BY	SIGNATURES	DATE
DESIGNED	TG	
CADD	JLL/ADS	
CHECKED	SC/TD	

CHAUDHARY & ASSOCIATES, INC.
ENGINEERS SURVEYORS INSPECTORS
851 NAPA VALLEY CORPORATE WAY, SUITE G
NAPA, CALIFORNIA 94558
Tel: (707) 255-2729 FAX: (707) 255-5021 WWW.CHAUDHARY.COM

APPROVED BY: _____ DATE: _____

PREPARED FOR:
The Sikh Center of
San Francisco Bay Area
3550 Hillcrest Road
El Sobrante, California 94803
Tel No. (510) 223-9987
Attn: JP Singh, President

SCALE: 1" = 30'

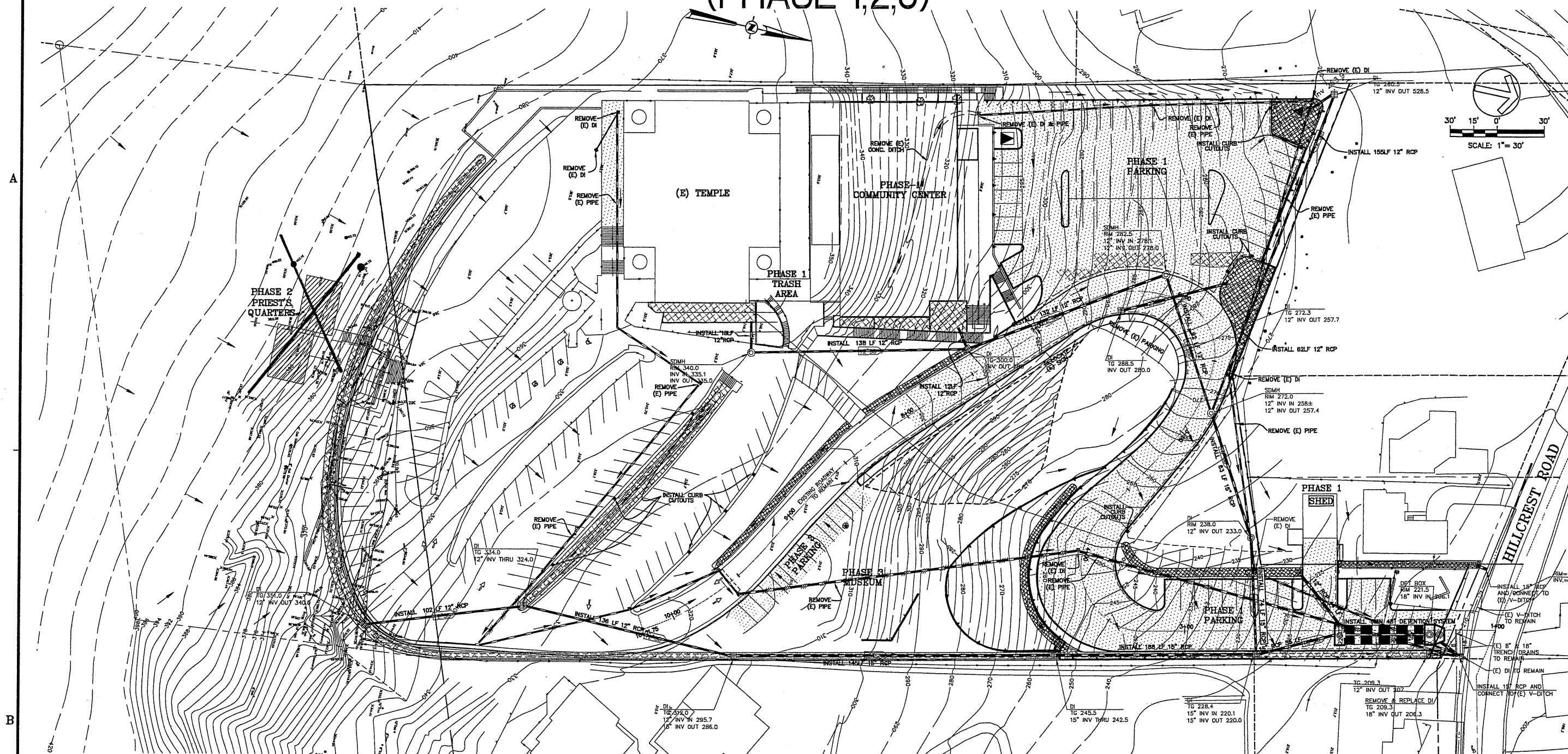
USE PERMIT APPLICATION
PRELIMINARY GRADING PLAN
THE SFBA SIKH CENTER
APN 420-08-004 & 025;
EL SOBRANTE CALIFORNIA
APN 419-180-016

DATE: MAY 07, 2007
SHEET C1.1
2 OF 11 SHEETS
FILE NO. 04-12-082

© COPYRIGHT 2007, CHAUDHARY & ASSOCIATES, INC., ALL RIGHTS RESERVED.

PRELIMINARY DRAINAGE PLAN

(PHASE 1,2,3)



STORM DRAIN NOTES

1. ALL STORM DRAIN PIPES SHALL BE PVC SCHEDULE 80, UNLESS OTHERWISE SPECIFIED IN THE PLANS.
2. STORM DRAIN MANHOLES SHALL BE CONSTRUCTED AS PER CITY STANDARD DETAILS.
3. CONCRETE SHALL BE CLASS "2" AND REBAR SHALL BE GRADE 40 STEEL.
4. ALL GRATES SHALL BE BOLT-DOWN & ADA COMPLIANT.
5. DRAIN INLET AS PER CENTRAL-PRECAST - MODEL NO : CP1818 (CK) & CP 1212 (EX) OR EQUAL WITH ADA COMPLIANT LOCKING WITH GRATE, EXCEPT AS NOTED

NOTES

1. INSTALL 6" PERFORATED PIPES UNDER ALL VEGETATED SWALES.
2. ROOF DRAINS FOR PROPOSED COMMUNITY CENTER AND AUDITORIUM/SUNDAY SCHOOL TO DRAIN TO VS-5.
3. ROOF DRAINS FOR PROPOSED MUSEUM TO DRAIN TO VS-3.
4. ALL DRAINAGE AREAS HAVE BEEN CONSIDERED AS 100% IMPERVIOUS FOR TREATMENT CALCULATIONS

LEGEND

- INSTALL NEW SDMH
- DRAIN INLET
- VS VEGETATIVE SWALE (VEG. SWALE)
- HP HIGH POINT
- TG TOP OF GRATE
- SD STORM DRAIN LINE
- SD EXISTING STORM DRAIN LINE
- S SANITARY SEWER LINE
- W WATER LINE
- VEGETATED SWALE/ FLOW-THROUGH PLANTER
- NEW AC

NO.	DATE	REVISIONS	BY	APPD.	CHECKED	SC/TD

BY	SIGNATURES	DATE
DESIGNED	TG	
CADD	JLL/ADS	
CHECKED	SC/TD	

CHAUDHARY & ASSOCIATES, INC.
ENGINEERS SURVEYORS INSPECTORS
851 NAPA VALLEY CORPORATE WAY, SUITE G
NAPA, CALIFORNIA 94558
Tel: (707) 255-2729 FAX: (707) 255-5021 WWW.CHAUDHARY.COM

APPROVED BY: _____ DATE: _____

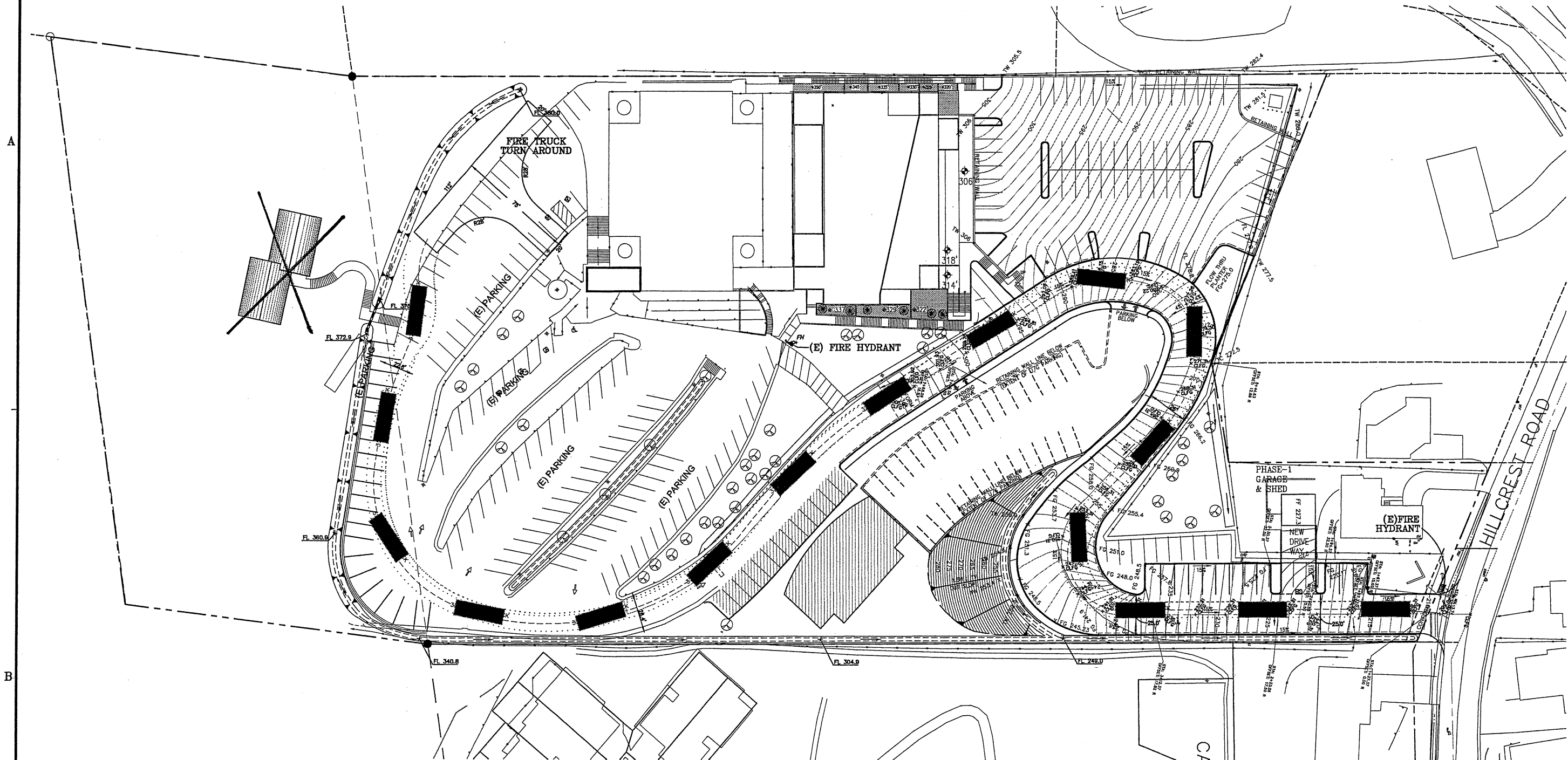
PREPARED FOR:
The Sikh Center of
San Francisco Bay Area
3550 Hillcrest Road
El Sobrante, California 94803
Tel No. (510) 223-9987
Attn: JP Singh, President

SCALE:
1"=30'

USE PERMIT APPLICATION
PRELIMINARY DRAINAGE PLAN
THE SFBA SIKH CENTER
EL SOBRANTE
APN 420-08-004 & 025;
APN 419-180-016
CALIFORNIA

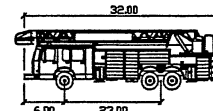
DATE:
MAY 07, 2007
SHEET
C1.2
3 OF 11 SHEETS
FILE NO. 04-12-082

FIRE TRUCK ACCESS PLAN (PHASE 1, 2, 3)



NOTES:

1. 2 NEW EAST BAY TYPE FIRE HYDRANTS WILL BE PROVIDED IN ADDITION TO THE EXISTING HYDRANTS ON SITE. THE LOCATION OF THE NEW HYDRANTS AND RELOCATION OF EXISTING HYDRANTS (IF NEEDED) WILL BE DETERMINED BY THE CCCFPD.
2. SEE SHEET C1.1 FOR EXISTING AND PROPOSED GRADES.



FIRE TRUCK Feet
 Width : 10.00
 Track : 10.00
 Lock to Lock Time : 6.00
 Steering Angle : 40.00

NO.	DATE	REVISIONS	BY	APPD.	CHECKED	SC/TD

CHAUDHARY & ASSOCIATES, INC.
 ENGINEERS SURVEYORS INSPECTORS
 851 NAPA VALLEY CORPORATE WAY, SUITE G
 NAPA, CALIFORNIA 94558
 Tel: (707) 255-2729 FAX: (707) 255-5021 WWW.CHAUDHARY.COM

APPROVED BY: _____

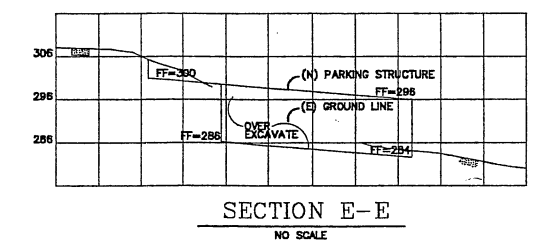
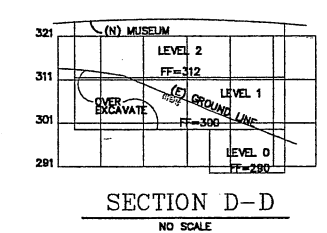
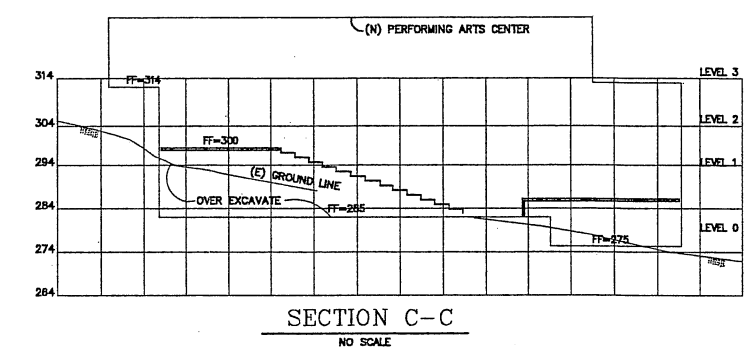
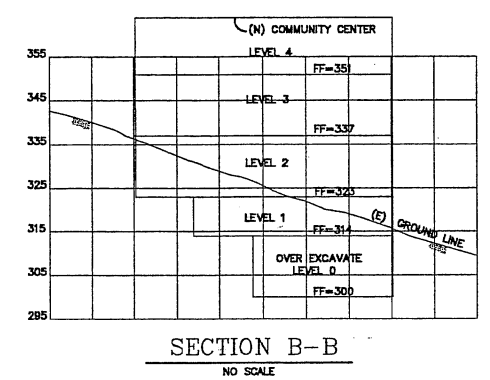
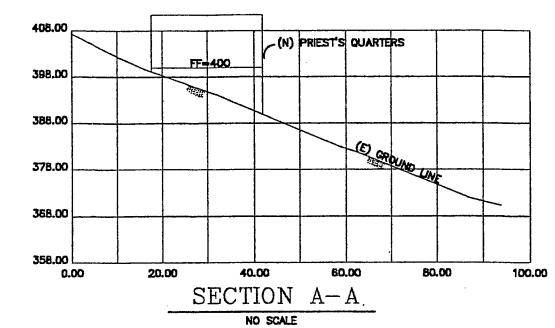
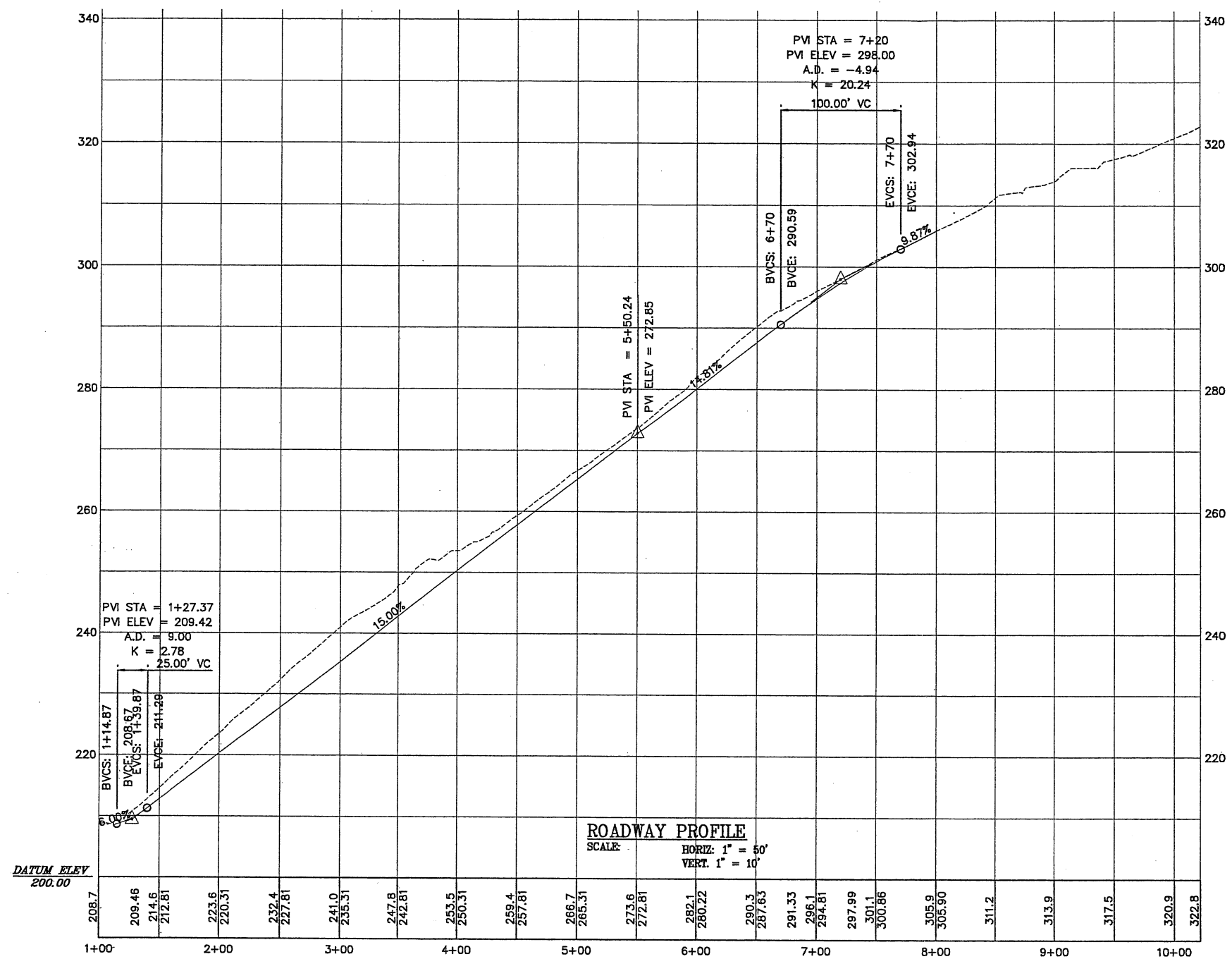
DATE: _____

PREPARED FOR:
 The Sikh Center of
 San Francisco Bay Area
 3550 Hillcrest Road
 El Sobrante, California 94803
 Tel No. (510) 223-9987
 Attn: JP Singh, President

SCALE:
 1" = 30'

USE PERMIT APPLICATION
FIRE TRUCK ACCESS PLAN
THE SFBA SIKH CENTER
 EL SOBRANTE APN 420-08-004 & 025; APN 419-180-016 CALIFORNIA

DATE: MAY 07, 2007
 SHEET **C1.3**
 4 OF 11 SHEETS
 FILE NO. 04-12-082



NO.	DATE	REVISIONS	BY	APPD.	CHECKED	SC/TD

CHAUDHARY & ASSOCIATES, INC.
 ENGINEERS SURVEYORS INSPECTORS
 851 NAPA VALLEY CORPORATE WAY, SUITE G
 NAPA, CALIFORNIA 94558
 Tel: (707) 255-2729 FAX: (707) 255-5021 WWW.CHAUDHARY.COM

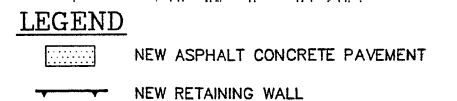
APPROVED BY: _____ DATE: _____

PREPARED FOR:
 The Sikh Center of
 San Francisco Bay Area
 3550 Hillcrest Road
 El Sobrante, California 94803
 Tel No. (510) 223-9987
 Attn: JP Singh, President

SCALE:
AS SHOWN

USE PERMIT APPLICATION
ROADWAY PROFILE & SITE SECTIONS
THE SFBA SIKH CENTER
 EL SOBRANTE
 APN 420-08-004 & 025;
 APN 419-180-016 CALIFORNIA

DATE:
MAY 07, 2007
 SHEET
C1.4
 5 OF 11 SHEETS
 FILE NO. 04-12-082



CHAUDHARY & ASSOCIATES, INC.
ENGINEERS SURVEYORS INSPECTORS
851 NAPA VALLEY CORPORATE WAY, SUITE G
NAPA, CALIFORNIA 94558
Tel: (707) 255-2729 FAX: (707) 255-5021 WWW.CHAUDHARY.COM

DATE _____

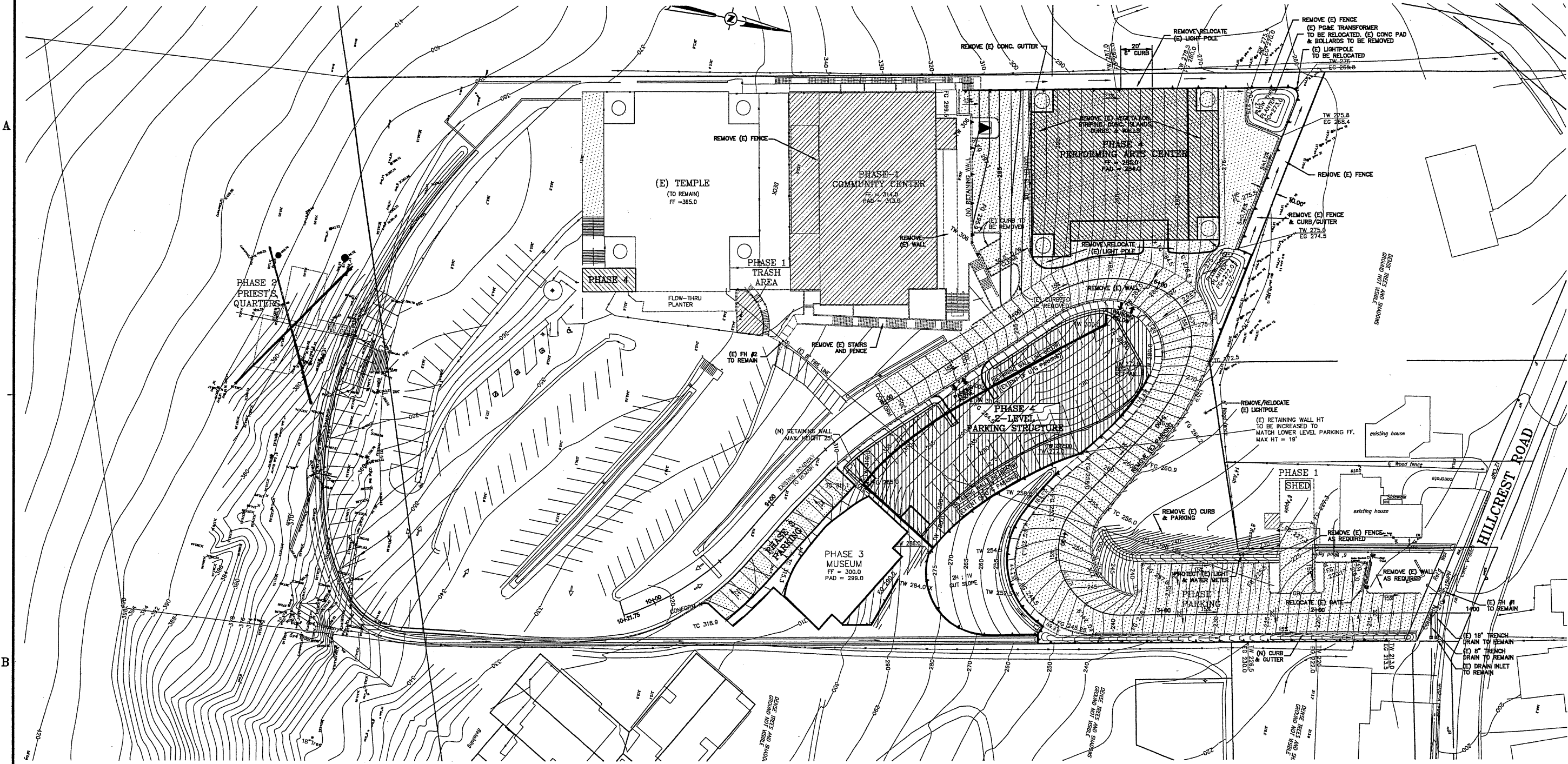
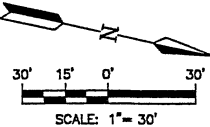
SCALE:
 $1'' = 30'$

USE PERMIT APPLICATION
PRELIMINARY GRADING PLAN
THE SFBA SIKH CENTER

SOBRAANTE APN 420-08-004 & 025;
 APN 419-180-016 CALIFORNIA

DATE:
FEB 28, 2007
SHEET
C3.1
7 OF 11 SHEETS
FILE
NO. 04-12-082

PRELIMINARY GRADING PLAN
(PHASE 4)



				BY: SIGNATURES: DATE:		 CHAUDHARY & ASSOCIATES, INC. ENGINEERS SURVEYORS INSPECTORS 851 NAPA VALLEY CORPORATE WAY, SUITE G NAPA, CALIFORNIA 94558 Tel: (707) 255-2729 FAX: (707) 255-5021 WWW.CHAUDHARY.COM	APPROVED BY: _____ DATE: _____	PREPARED FOR: The Sikh Center of San Francisco Bay Area 3550 Hillcrest Road El Sobrante, California 94803 Tel No. (510) 223-9987 Attn: JP Singh, President	SCALE: 1"=30'	USE PERMIT APPLICATION PRELIMINARY GRADING PLAN THE SFBA SIKH CENTER APN 420-08-004 & 025; APN 419-180-016 CALIFORNIA	DATE: MAY 07, 2007
				DESIGNED: TC							SHEET C4.1
				CADD: JLL/ADS							8 OF 11 SHEETS FILE NO. 04-12-082
NO. DATE REVISIONS				BY	APPD.	CHECKED	SC/TD				

0 USE BASELINE MEASUREMENTS FOR REDUCED PLANS

(PHASE 4)



1. ALL STORM DRAIN PIPES SHALL BE PVC SCHEDULE 80, UNLESS OTHERWISE SPECIFIED IN THE PLANS.
2. STORM DRAIN MANHOLES SHALL BE CONSTRUCTED AS PER CITY STANDARD DETAILS.
3. CONCRETE SHALL BE CLASS "2" AND REBAR SHALL BE GRADE 40 STEEL.
4. ALL GRATES SHALL BE BOLT-DOWN & ADA COMPLIANT.
5. DRAIN INLET AS PER CENTRAL-PRECAST - MODEL NO.: CP1818 (CK) & CP 1212 (EK) OR EQUAL WITH ADA COMPLIANT LOCKING WITH GRATE, EXCEPT AS NOTED

1. INSTALL 6" PERFORATED PIPES UNDER ALL VEGETATED SWALES.
2. ROOF DRAINS FOR PROPOSED COMMUNITY CENTER AND AUDITORIUM/SUNDAY SCHOOL TO DRAIN TO VS-5.
3. ROOF DRAINS FOR PROPOSED MUSEUM TO DRAIN TO VS-3.
4. ALL DRAINAGE AREAS HAVE BEEN CONSIDERED AS 100% IMPERVIOUS FOR TREATMENT CALCULATIONS.

	INSTALL NEW SDMH
	DRAIN INLET
VS	VEGETATIVE SWALE (VEG. SWALE)
HP	HIGH POINT
TG	TOP OF GRATE
SD	STORM DRAIN LINE
SD	EXISTING STORM DRAIN LINE
S	SANITARY SEWER LINE
W	WATER LINE
	VEGETATED SWALE/ FLOW THRU PLANTER

NO.	DATE	REVISIONS
0		USE BASELINE MEASUREMENTS FOR REDUCED PLANS



DATE _____

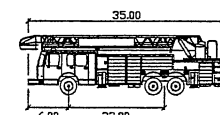
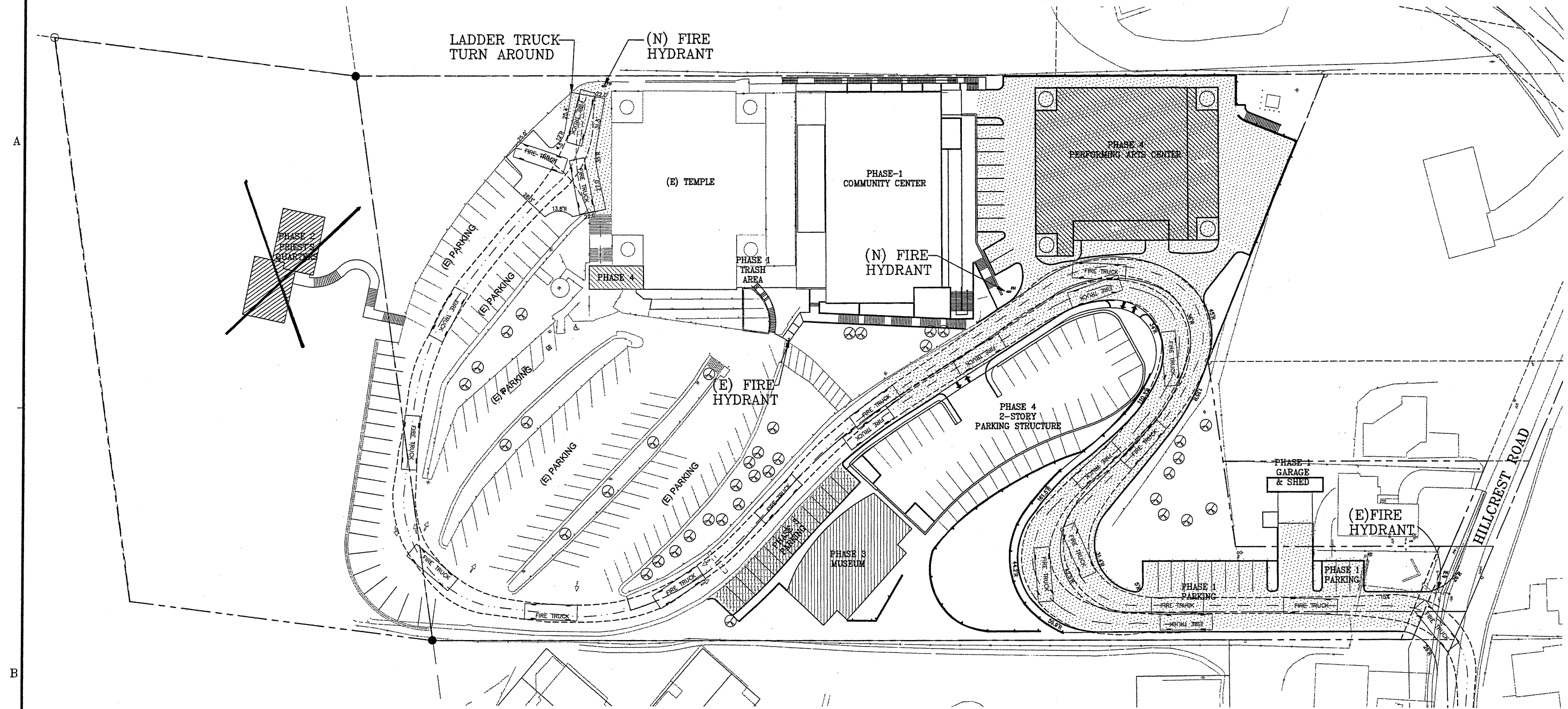
Attn: JP Singh, President

$$1'' = 30'$$

EL SOBRANTE APN 420-08-004 & 025;
APN 419-180-016 CALIFORNIA

9 OF 11 SHEETS

FIRE TRUCK ACCESS PLAN (PHASE 4)



FIRE TRUCK feet
 Width : 10.00
 Track : 10.00
 Lock to Lock Time : 6.00
 Steering Angle : 40.00

© COPYRIGHT 2007, CHAUDHARY & ASSOCIATES, INC., ALL RIGHTS RESERVED.

NO.	DATE	REVISIONS	BY	APPD.	CHECKED	SC/TD	BY	SIGNATURES	DATE
								TG	
								JLL/ADS	
								SC/TD	

CHAUDHARY & ASSOCIATES, INC.
 ENGINEERS SURVEYORS INSPECTORS
 651 NAPA VALLEY CORPORATE WAY, SUITE G
 NAPA, CALIFORNIA 94558
 Tel: (707) 255-2729 FAX: (707) 255-5021 WWW.CHAUDHARY.COM

APPROVED BY: _____
 DATE: _____

PREPARED FOR:
 J.P. SINGH

SCALE:
 1" = 30'

USE PERMIT APPLICATION
 FIRE TRUCK ACCESS PLAN
 THE SFBA SIKH CENTER
 EL SOBRANTE
 APN 420-08-004 & 025;
 APN 419-180-016 CALIFORNIA

DATE:
 FEB 16, 2007
 SHEET
C4.4
 OF 10 SHEETS
 FILE NO. 04-12-082