

















PINE HOLLOW COURT

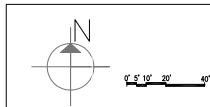
HIGH STREET

Keynotes:

- ① New church 21,970sf
- ② Existing house to remain 1,796sf
- ③ Protected tree to remain
- ④ Paved parking lot
105 spots
6 handicap spots
- ⑤ Hill with 3:1 slope to remain
- ⑥ Loading dock
- ⑦ Pedestrian path with stamped concrete
- ⑧ East patio 1,944sf with public use
- ⑨ South patio 1,816sf with public use
- ⑩ Seating wall
- ⑪ Children's playground 1455sf
- ⑫ Shared parking agreement with school
with public use
- ⑬ Bicycle parking
- ⑭ Not used
- ⑮ Entrance sign
- ⑯ Greenery
- ⑰ Gravel path with public use
- ⑱ Main drivers entrance
- ⑲ Existing easement
- ⑳ Expanded road and side walk full length of court
- ㉑ Bridge
- ㉒ End of public right of way
- ㉓ BBQ and firepit
- ㉔ Baptismal

Legend:

- | | |
|--|---|
| Previous Paver |  |
| New road |  |
| concrete |  |
| patio |  |
| bioswale |  |
| greenery |  |
| existing tree |  |
| new tree |  |
| plant wall |  |
| residential building |  |
| commercial building |  |
| property line |  |
| parking lot lights (10) |  |
| setbacks |  |
| 40' offset from front | |
| 20' offset from north | |
| 20' offset from south | |
| 15' offset from back | |
| compact parking spot (8'X 16') |  |
| Potential Phase 2 Childrens youth center |  |
| All parking spots except the ones along the south edge of the church building are pervious pavers. | |



EPIC

Empower People
Impact Cultures

Project Manager:
Amy Vander Heyden
484 Lake Park Ave #617
Oakland, CA 94610
925-353-0363

CLAYTON
COMMUNITY
CHURCH

Site Address:
1027 Pine Hollow Court,
Clayton, CA 94610

Property Owner:
Clayton Community Church
6055 Main St,
Clayton, CA
925-673-9060
srobinson@claytoncc.com

Use Permit
and
Site plan

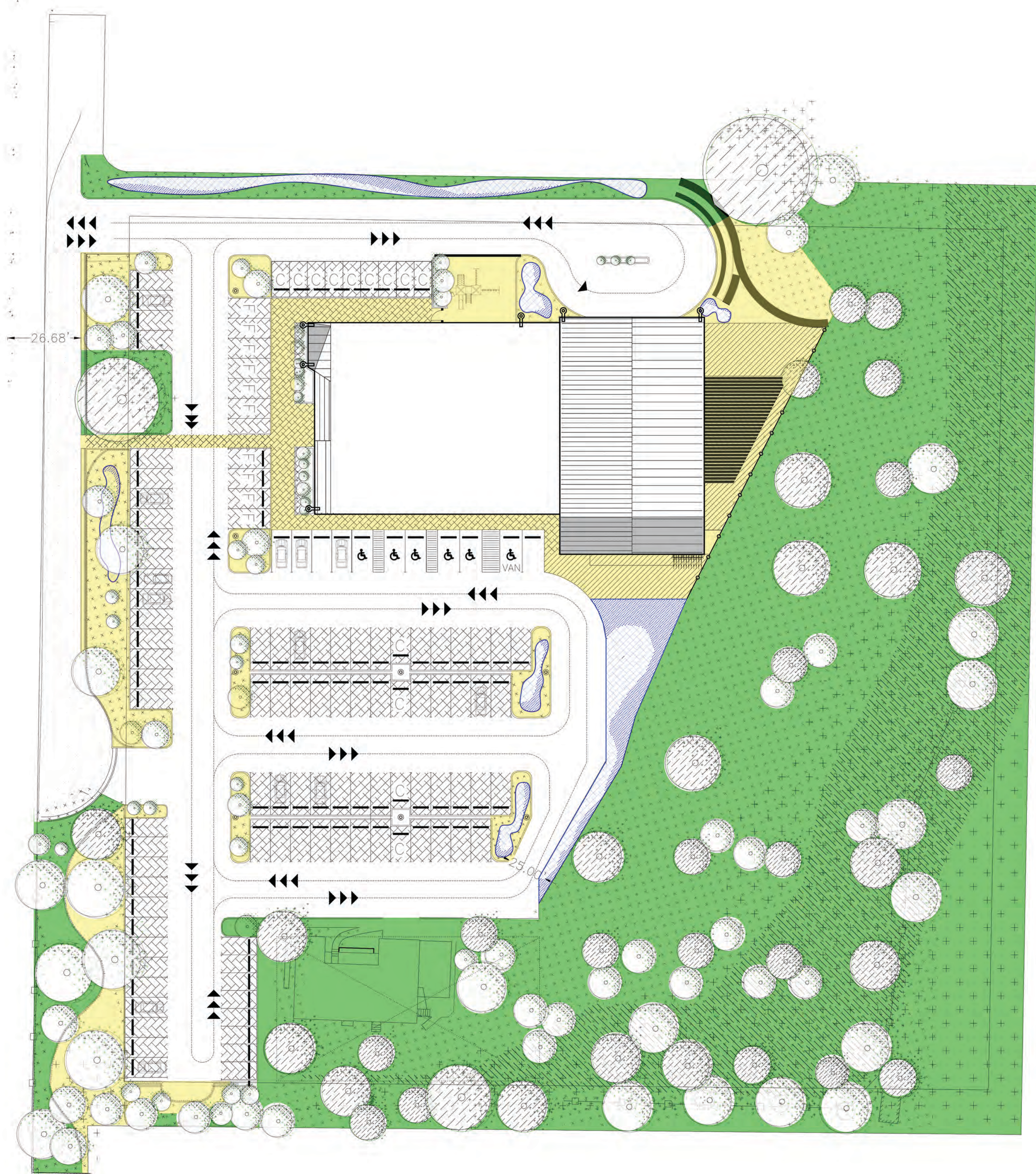
Permit Applications

10 / 04 / 2016

1"=50'

SITE
PLAN

A1.1



ACTIVE OPEN SPACE	
landscaping	99,208ft
patio	3,760ft
pedestrian path	2,738ft
PASSIVE OPEN SPACE	
natural landscape	92,710ft

Keynotes:

As listed in 17.28.100 Open Space section B Part 1 - The topography of the site is a limiting factor for this property which prohibits the opportunity to make at least half of the open space active. This design has made a significant effort to create active open space while still meeting the parking requirements which consumes the majority of the unsloped area on the parcel.

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Property Owner:
Clayton Community Church
6055 Main St
Clayton, CA
925-673-9060
srobinson@claytoncc.com

Legend:

patio/ path

bioswale

greenery

property line

active open sp.

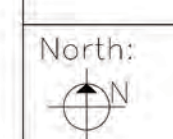
passive open sp.

CLAYTON COMMUNITY CHURCH

Use Permit &
Site Plan Permit
Applications

09 / 29 / 2016
NTS
OPEN
SPACE PLAN

A1.2





- Keynotes:
- ① East Patio with arbor
 - ② South Patio
 - ③ Children's Playground
 - ④ Main Sanctuary Entrance
 - ⑤ Entrance to meeting room
 - ⑥ Flow through planter
 - ⑦ Seating wall with planters

EPIC

Empower People
Impact Cultures

Project Manager:
Amy Vander Heyden
484 Lake Park Ave. #617
Oakland, CA 94610
925-353-0363

Site Address:
1027 Pine Hollow Court,
Clayton, CA 94610

Property Owner:
Clayton Community Church
6055 Main St.
Clayton, CA
925-673-9060
srobinson@claytoncc.com

CLAYTON COMMUNITY CHURCH

Legend:

- ① Fiber cement board: light wood grain pattern
- ② Fiber cement board: rustic dark wood pattern
- ③ Stone veneer
- ④ Brushed metal
- ⑤ Brown standing seam roof

Use Permit &
Site Plan Permit
Applications

09 / 29 / 2016
1/ 8" = 1'-0"
ELEVATION

A1.4



Keynotes:

① Children's Playground

② South Patio

③ East Patio


④ Barn door at loading dock

⑤ Folding glass door from sanctuary

⑥ Door from prayer room

⑦ Swing up door at coffee counter

⑧ Speakers mounted under the eave



Empower People
Impact Cultures

Project Manager:
Amy Vander Heyden
484 Lake Park Ave #617
Oakland, CA 94610
925-353-0363

Site Address:
1027 Pine Hollow Court,
Clayton, CA 94610

Property Owner:
Clayton Community Church
6055 Main St,
Clayton, CA
925-673-9060
srobinson@claytonccc.com

CLAYTON COMMUNITY CHURCH

Legend:

① Fiber cement board: light wood grain pattern







② Fiber cement board: rustic dark wood pattern

③ Stone veneer

④ Brushed metal

⑤ Brown standing seam roof

⑥ Grey TPO roofing



Use Permit &
Site Plan Permit
Applications

09 / 29 / 2016
1/ 8" = 1'-0"
ELEVATION

A1.5



Keynotes:

① Children's Playground

② South Patio

③ East Patio

④ Barn door at loading dock

⑤ Folding glass door from sanctuary

⑥ Door from prayer room

⑦ Swing up door at coffee counter

⑧ Speakers mounted under the eave

EPIC

Empower People
Impact Cultures

Project Manager:
Amy Vander Heyden
484 Lake Park Ave #617
Oakland, CA 94610
925-353-0363

Site Address:
1027 Pine Hollow Court,
Clayton, CA 94610

Property Owner:
Clayton Community Church
6055 Main St,
Clayton, CA
925-673-8060
srobinson@claytoncc.com

CLAYTON COMMUNITY CHURCH

Legend:

① Fiber cement board: light wood grain pattern

② Fiber cement board: rustic dark wood pattern

③ Stone veneer

④ Brushed metal

⑤ Brown standing seam roof

⑥ Grey TPO roofing

Use Permit &
Site Plan Permit
Applications

09 / 29 / 2016
1/ 8" = 1'-0"
ELEVATION

A1.5



Project Manager:
Amy Vander Heyden
484 Lake Park Ave #617
Oakland, CA 94610
925-353-0363

Site Address:
1027 Pine Hollow Court,
Clayton, CA 94610

Property Owner:
Clayton Community Church
6055 Main St.,
Clayton, CA
925-673-9060
srobinson@claytoncc.com

CLAYTON COMMUNITY CHURCH

Use Permit &
Site Plan Permit
Applications

10/05/2016

FLOOR
PLAN

A1.3

- 1 Acordian wall
- 2 Roll up door loading dock
- 3 Childrens play
- 4 Counter to pot
- 5 Counter flips walk th
- 6 Arbor above
- 7 Conference t

Sheet notes:

Legend:

Roof line
above

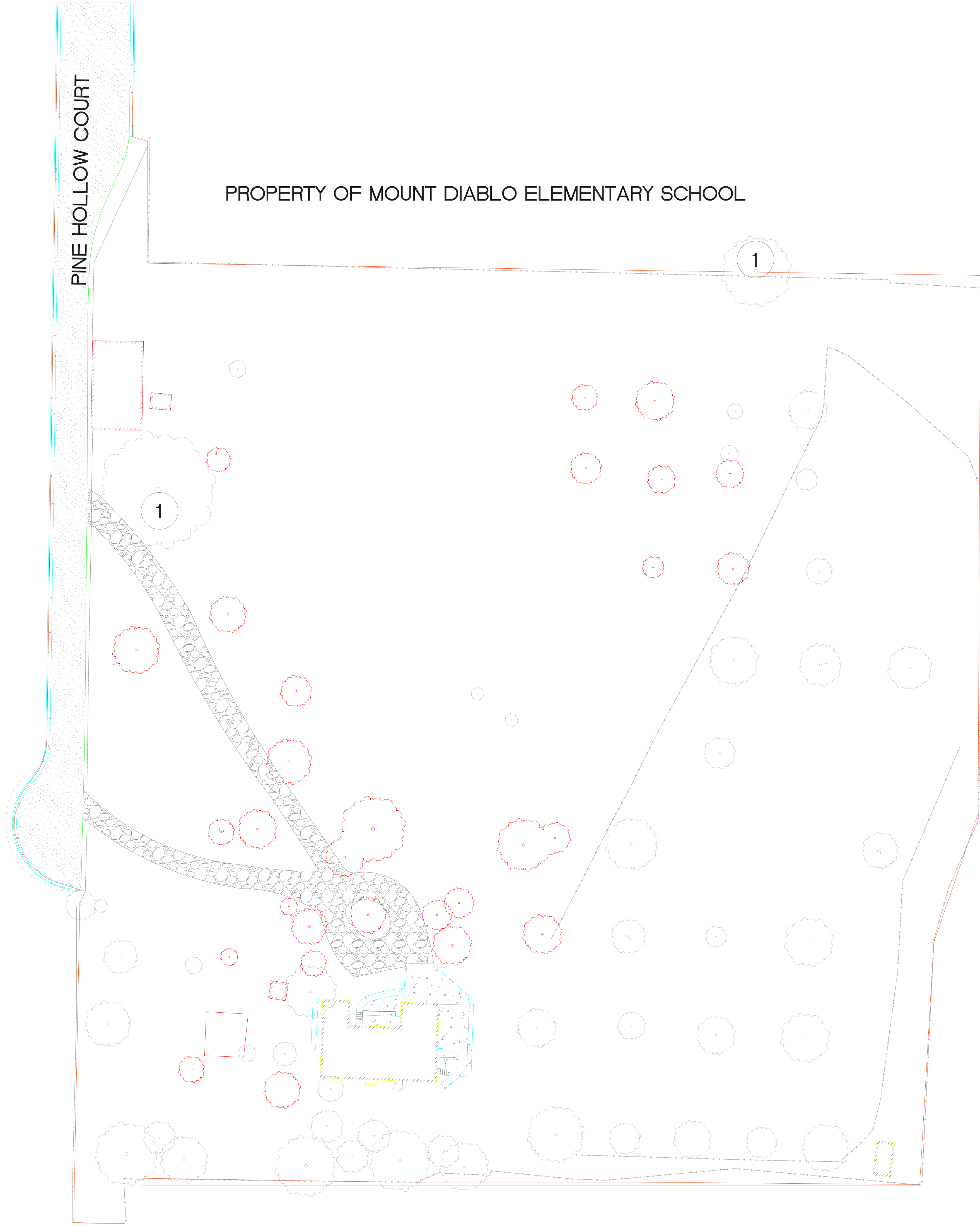
Screen

VIEW OVER
DOWNTOWN &
ROLLING HILLS

VIEW OF
MOUNT DIABLO

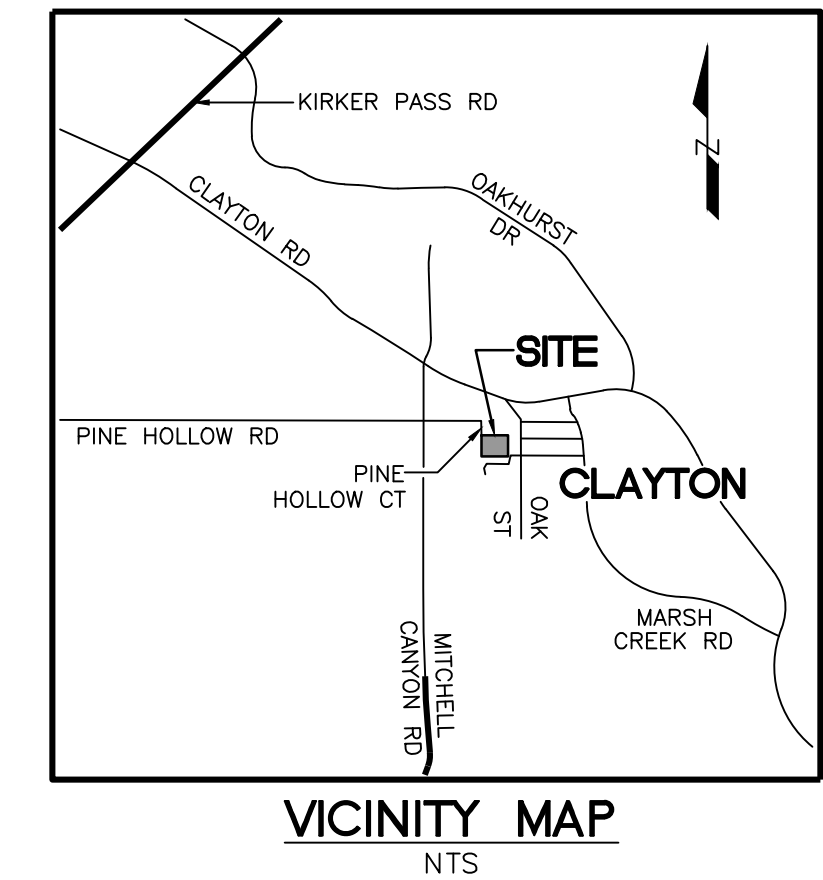
North:





Keynotes:		 Empower People Impact Cultures
1 Protected tree		
Legend:		Project Manager: Amy Vander Heyden 484 Lake Park Ave #617 Oakland, CA 94610 925-353-0363
Demolish structure		Site Address: 1027 Pine Hollow Court, Clayton, CA 94610
Existing structure to remain		
Take out tree		Property Owner: Clayton Community Church 6055 Main St Clayton, CA 925-673-9060 srobinson@claytoncc.com
Existing tree to remain		
Existing fence to remain		
		CLAYTON COMMUNITY CHURCH
Use Permit & Site Plan Permit Applications		
10 / 05 / 2016		
NTS		
DEMO		
PLAN		
A1.6		
North: 		

1027 PINE HOLLOW COURT
CLAYTON, CALIFORNIA



ABBREVIATIONS

AB	AGGREGATE BASE	HDPE	HIGH DENSITY POLYETHYLENE
AC	ASPHALT CONCRETE	INV	INVERT
ADT	AVERAGE DAILY TRAFFIC	NA	NOT APPLICABLE
BC	BEGIN CURVE	OC	ON CENTER
BOW	BACK OF WALK	PCC	PORTLAND CEMENT CONCRETE
C&G	CURB AND GUTTER	PL	PROPERTY LINE
CO	CLEAN OUT	PVC	POLY-FINYL-CHLORIDE
CSP	CORRUGATED STEEL PIPE	R	RADIUS
DIP	DUCTILE IRON PIPE	RCP	REINFORCED CONCRETE PIPE
D/W	DRIVEWAY	R/W	RIGHT OF WAY
EC	END CURVE	SB	SUBBASE
EP	EDGE OF PAVEMENT	SG	SUBGRADE
FES	FLARED END SECTION	S/W	SIDEWALK
FF	FINISH FLOOR	TC	TOP OF CURB
FL	FLOW LINE	TOW	TOP OF WALL
FS	FINISH SURFACE	TYP	TYPICAL
GRT	GRATE		

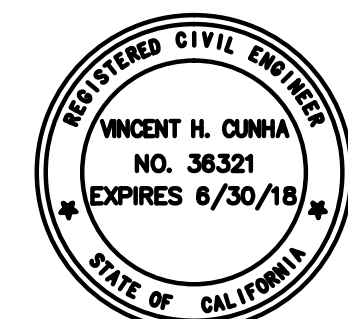
TABLE OF CONTENTS

SHEET NO.	TITLE
C1	TITLE SHEET
C2	EXISTING TOPOGRAPHY
C3	PRELIMINARY GRADING AND UTILITY PLAN
C4	PRELIMINARY DETAILS
C5	PRELIMINARY EROSION CONTROL
C6	PRELIMINARY CLEANWATER PLAN

THESE PLANS PREPARED BY ME FOR THE
PURPOSE OF DESIGN REVIEW AND NOT
FOR CONSTRUCTION

VINCENT H. CUNHA RCE 36321

SEPT 14, 2016
DATE



TITLE SHEET
CLAYTON COMMUNITY CHURCH
1027 PINE HOLLOW COURT
CLAYTON CALIFORNIA

SHEET NUMBER
1
OF 6 SHEETS
DRAWING NO.
216016

CUNHA ENGINEERING INC.
701 BELMONT WAY, STE. A
PINOLE, CALIFORNIA 94564
(510) 741-8290

DESIGNED BY:	
V.H.C.	
DRAWN BY:	
CAB	
CHECKED BY:	
V.H.C.	
SCALE:	

R.C.E. No. _____ DATE _____

.....

CALIFORNIA

CLAYTON

SHEET NUMBER
1
OF 6 SHEETS
DRAWING NO.
216016

REPRESENTATIVES		
COMPANY	ADDRESS	PHONE
GAS/ELECTRIC	PACIFIC GAS AND ELECTRIC 1030 DETROIT AVENUE CONCORD, CA 94520	925-686-5440
TELEPHONE	PACIFIC BELL/ATT 1420 DANZIG PLAZA CONCORD, CA 94520	925-689-3226
WATER	CONTRA COSTA WATER PO BOX H20 CONCORD, CA 94524	925-674-8000
SEWER/ STORM DRAINAGE	CITY OF CLAYTON 600 HERITAGE TRAIL CLAYTON, CA 94517	925-673-7300
UNDERGROUND SERVICE ALERT		811
ENGINEER	CUNHA ENGINEERING, INC 701 BELMONT WAY, SUITE A PINOLE, CA 94564	510-741-8290

ADDRESS:
1027 PINE HOLLOW COURT
CONCORD, CALIFORNIA 94610

ASSESSOR'S PARCEL NUMBER:
119-050-036

EXISTING ZONING:
R-40-H

PROPOSED ZONING:
PF

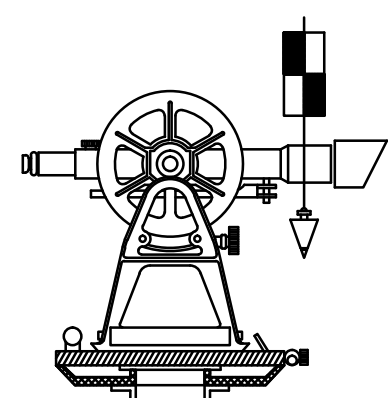
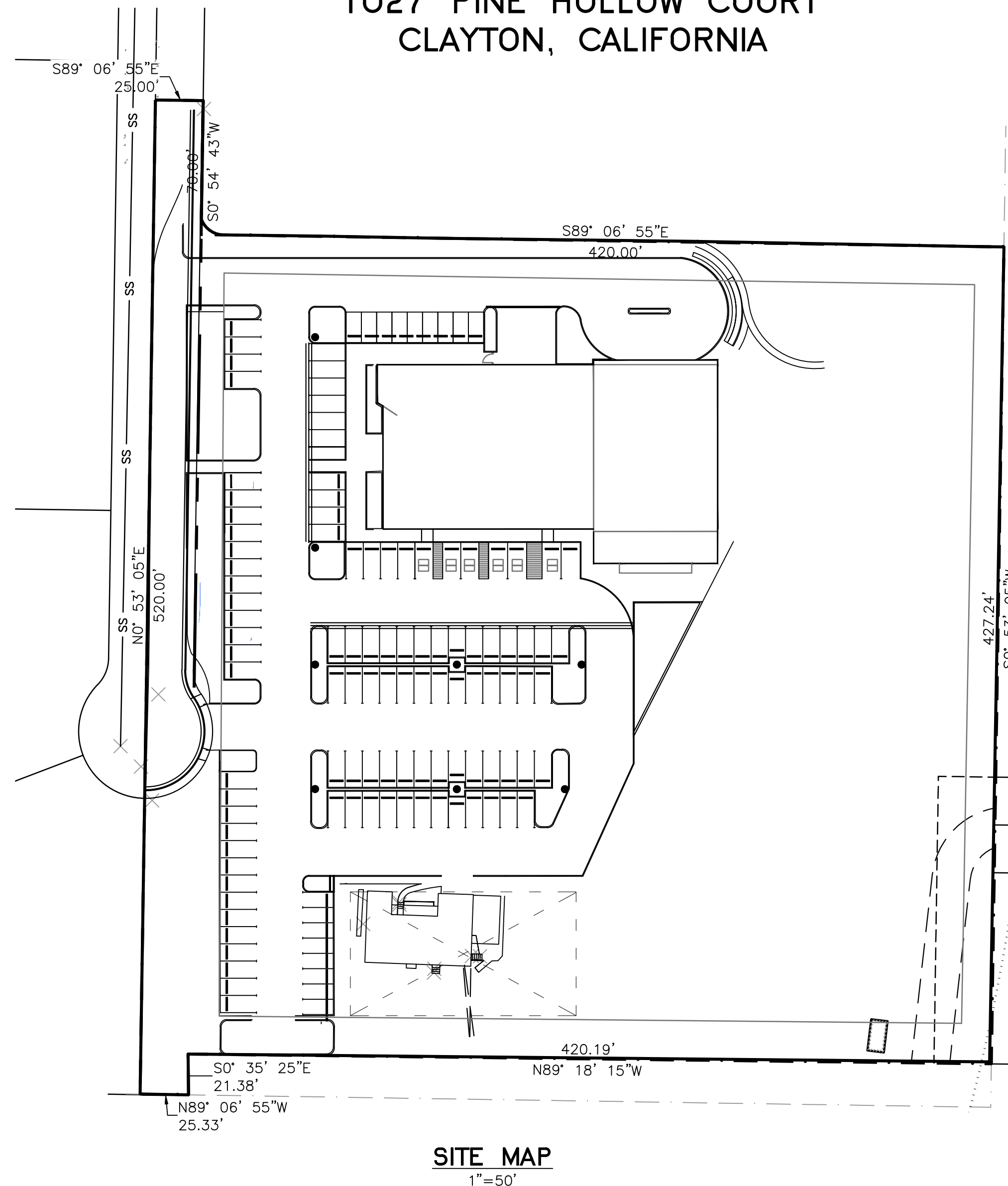
GROSS AREA:
192,744 SF

PROPOSED NET AREA:
183,469 SF

BASIS OF ELEVATION:
ELEVATIONS BASED UPON NAVD88 VERTICAL DATUM EXPRESSED IN
US FEET. NG5 BENCHMARK PID: DE0492 ELEVATION 412.9

BOUNDARY INFORMATION:
BOUNDARY AND EASEMENTS SHOWN HEREON BASED UPON
PRELIMINARY TITLE REPORT DATED: MAY 24, 2012 FURNISHED BY
CLIENT AND REPRESENTS RECORD LOCATION, SUBJECT TO FINAL
BOUNDARY RESOLUTION ADJUSTMENT.

FLOOD HAZARD INFORMATION:
ALL FEMA RELATED INFORMATION SHOWN PER FIRM MAP NO.
06013C0308F - EFFECTIVE DATE JUNE 16, 2009.



CUNHA ENGINEERING INC. ■■■



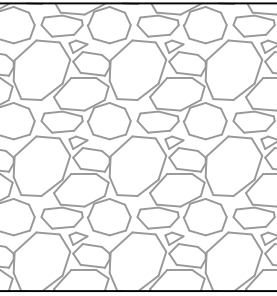
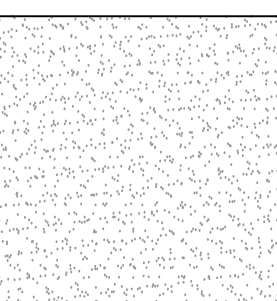
Know what's below.
Call before you dig.



LEGEND

- (E) EXISTING
EP EDGE OF PAVEMENT
JP JOINT UTILITY POLE
SSCO SANITARY SEWER CLEANOUT
SSMH SANITARY SEWER MANHOLE
TB TELEPHONE BOX
WM WATER METER
WV WATER VALVE

- — — — — EXISTING FENCE
- - - - - RECORD PROPERTY LINE



SURVEY NOTES

- ELEVATIONS BASED UPON NAVD88 VERTICAL DATUM EXPRESSED IN US FEET. NGS BENCHMARK PID: DE8492 ELEVATION 412.9
- CONTOUR INTERVAL: 2' VERTICAL
- BOUNDARY AND EASEMENTS SHOWN HEREON BASED UPON PRELIMINARY TITLE REPORT DATED: MAY 24, 2012 FURNISHED BY CLIENT AND REPRESENTS RECORD LOCATION, SUBJECT TO FINAL BOUNDARY RESOLUTION ADJUSTMENT.
- ALL FEMA RELATED INFORMATION SHOWN PER FIRM MAP NO. 06013C0308F - EFFECTIVE DATE JUNE 16, 2009.
- COLOR ORTHO IS APPROXIMATE AND HAS BEEN PROVIDED FOR GENERAL INFORMATION.

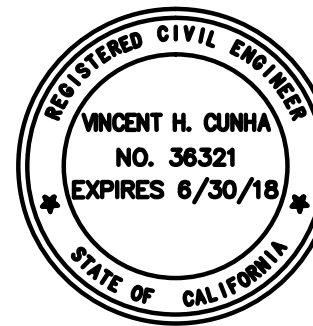
EASEMENTS

- ROADWAY AND UTILITIES (1937 OR 354)
- SANITARY SEWER (2003-0190647)

THESE PLANS PREPARED BY ME FOR THE
PURPOSE OF DESIGN REVIEW AND NOT
FOR CONSTRUCTION

Vincent H. Cunha
VINCENT H. CUNHA RCE 36321
DATE

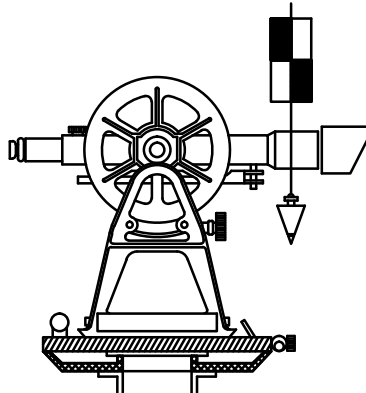
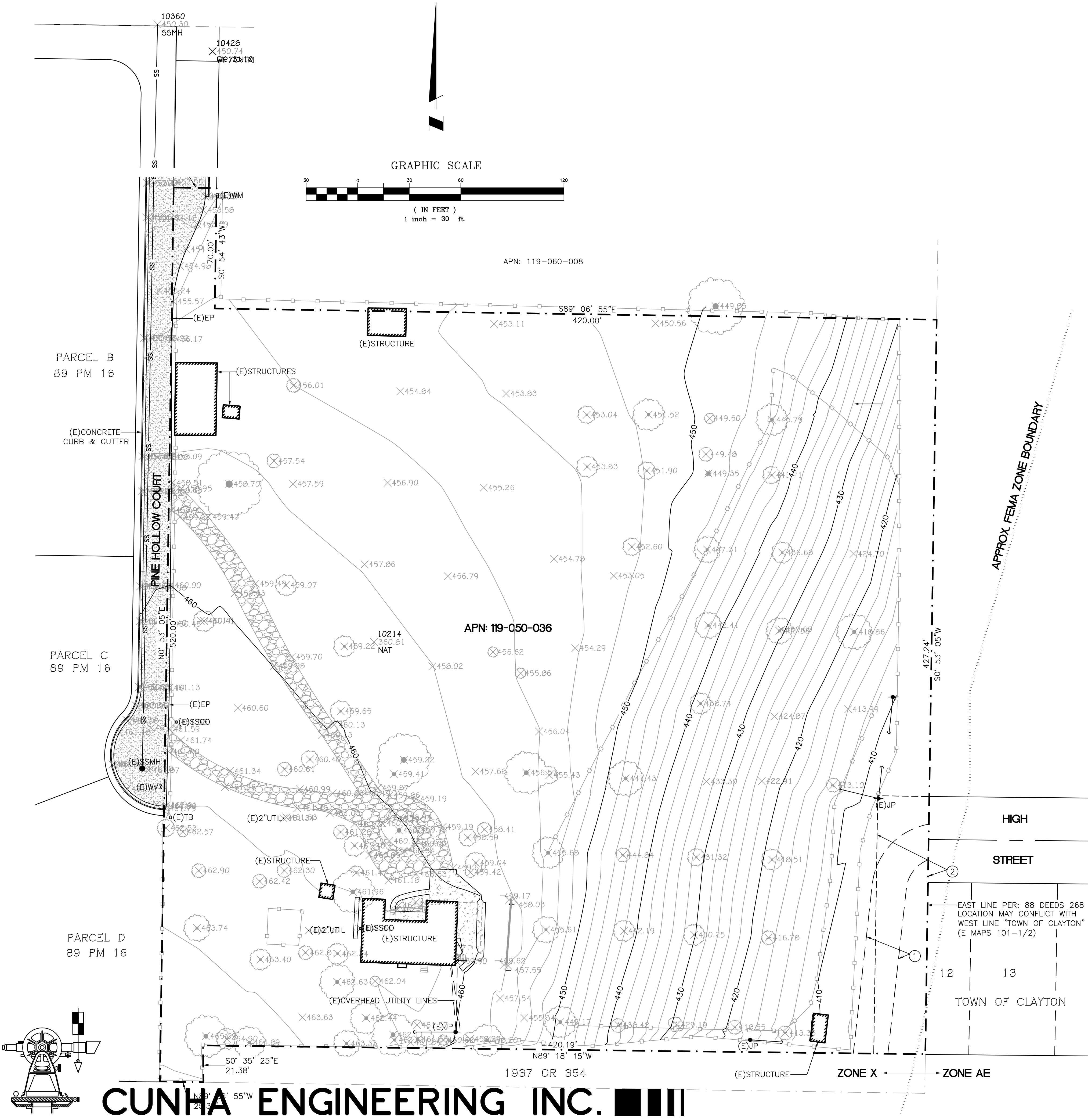
SEPT 14, 2016



CUNHA ENGINEERING INC.
701 BELMONT WAY, STE. A
PINOLE, CALIFORNIA 94564
(510) 741-8290

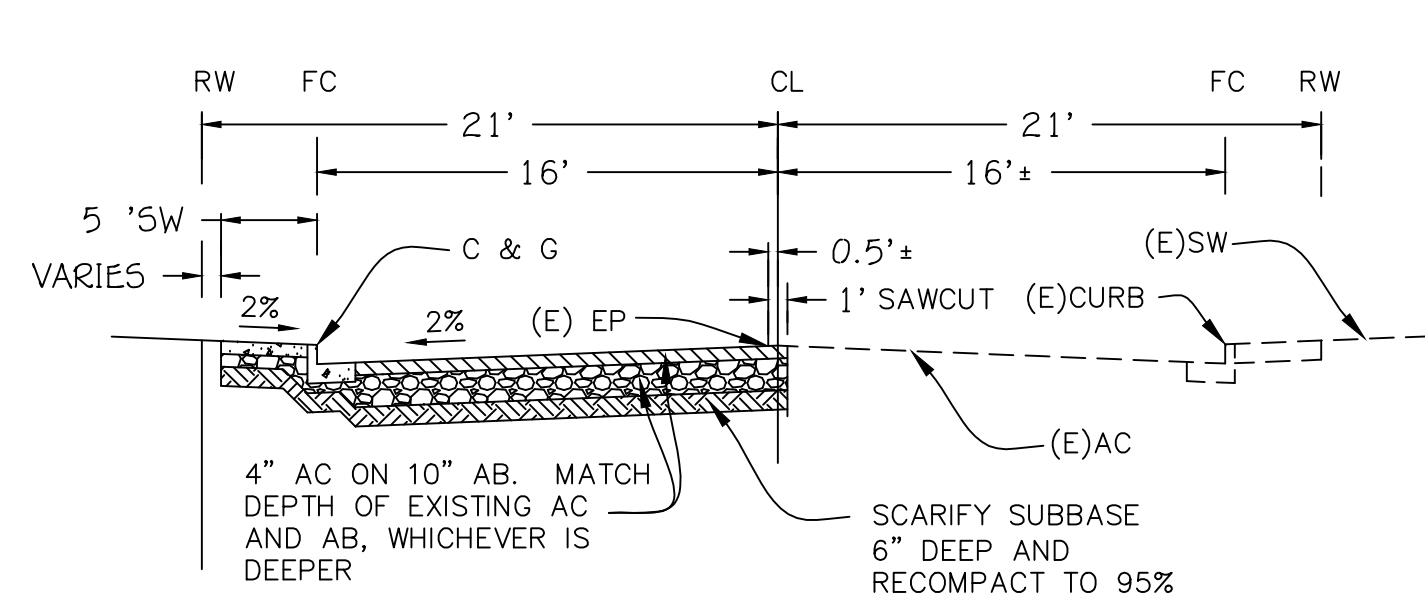
EXISTING TOPOGRAPHY
CLAYTON COMMUNITY CHURCH
1027 PINE HOLLOW COURT
CLAYTON
CALIFORNIA

SHEET NUMBER
2
OF 6 SHEETS
DRAWING NO.
216016

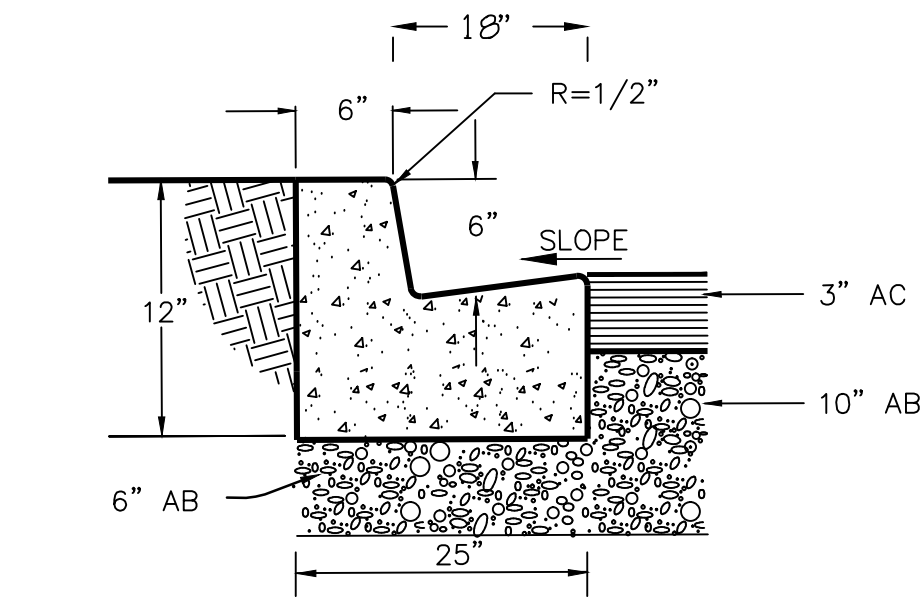


CUNHA ENGINEERING INC. ■■■

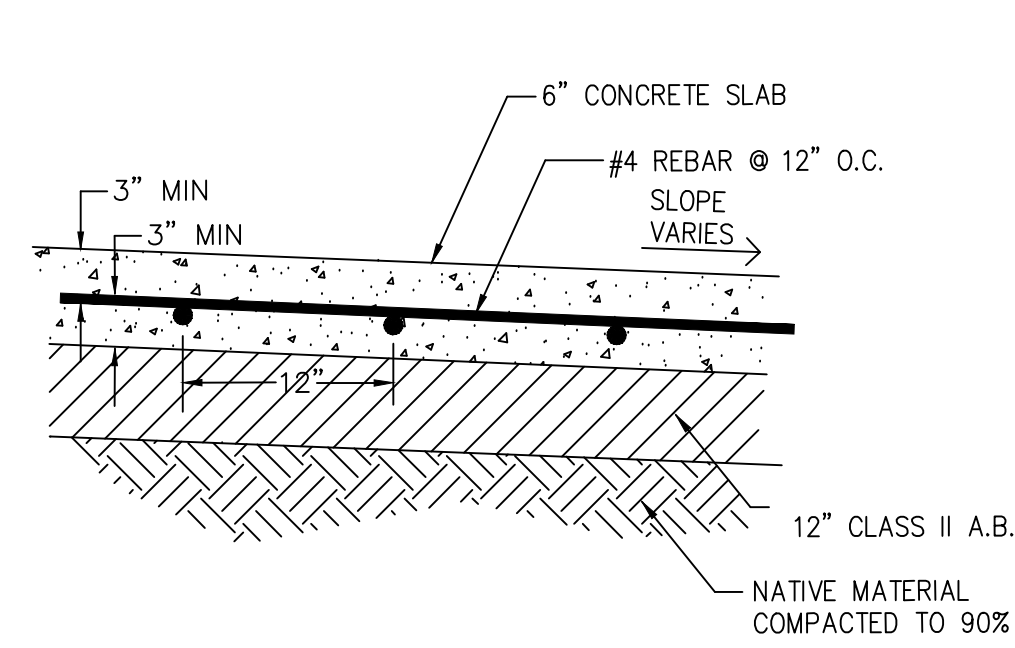




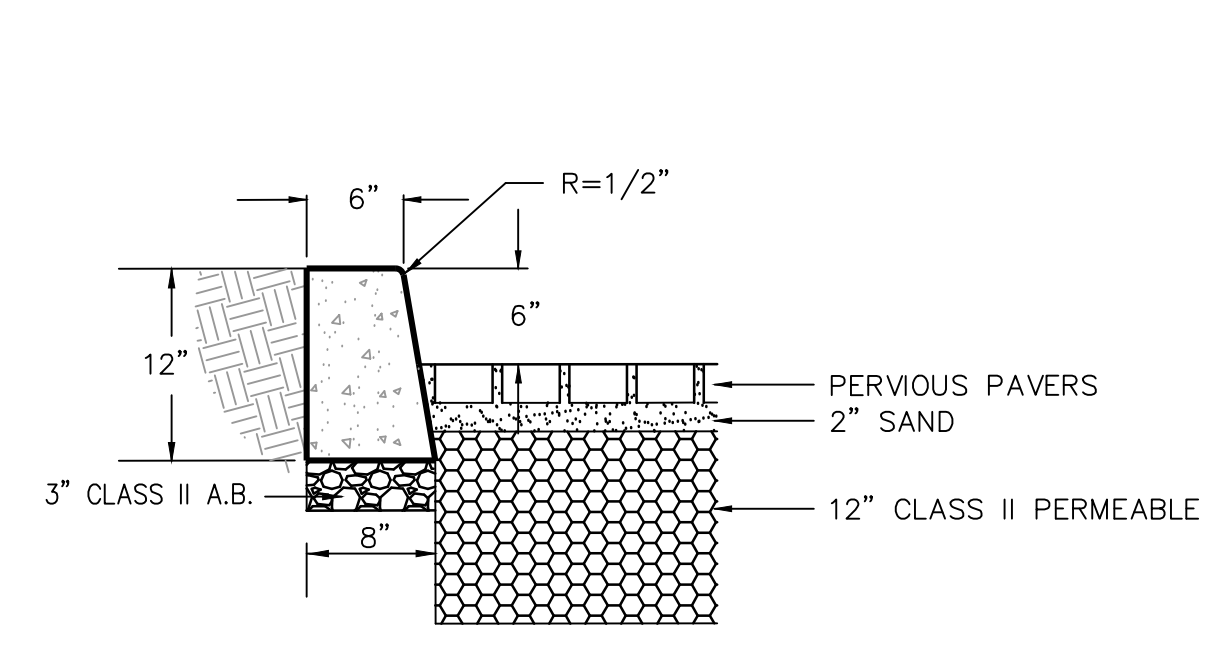
J TYPICAL SECTION PINE HOLLOW CT
NOT TO SCALE



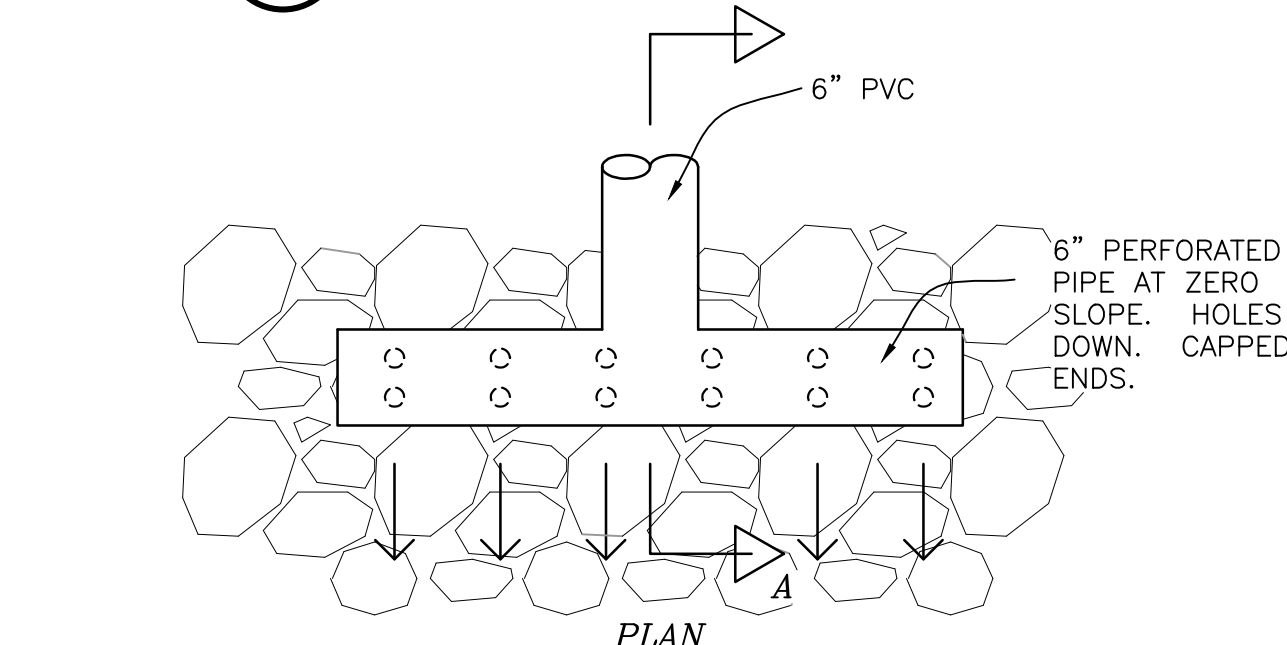
G CURB AND GUTTER
NOT TO SCALE



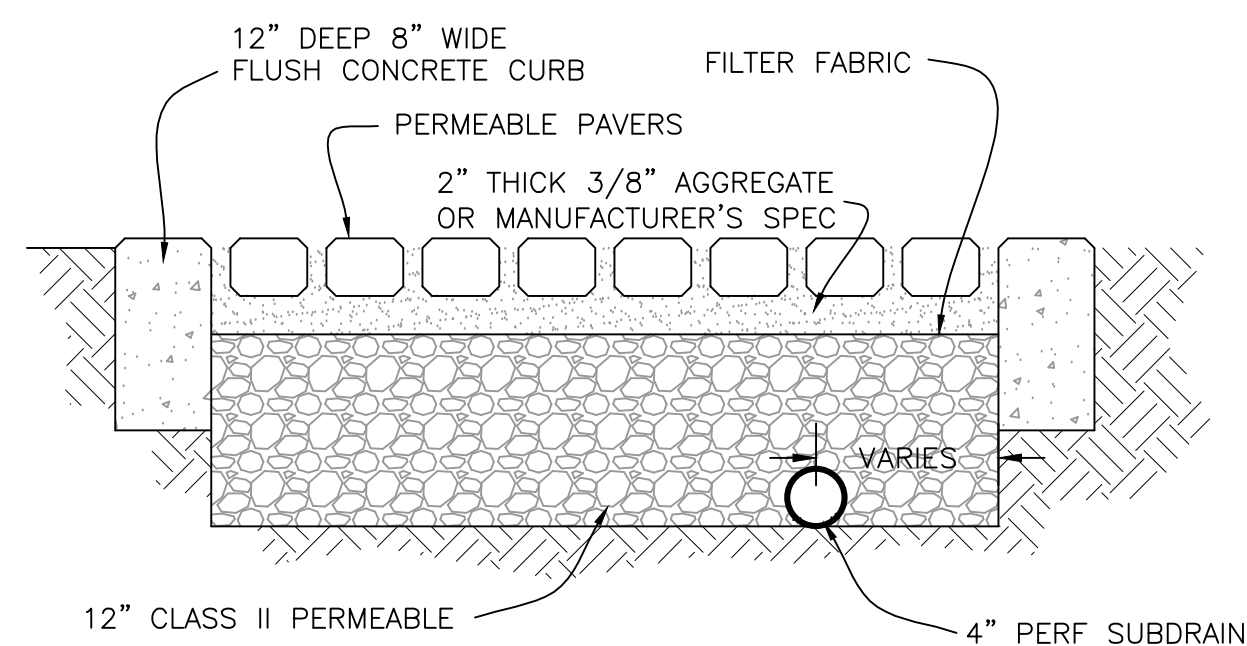
D CONC. PAVING AT ACCESSIBLE PARKING
NOT TO SCALE



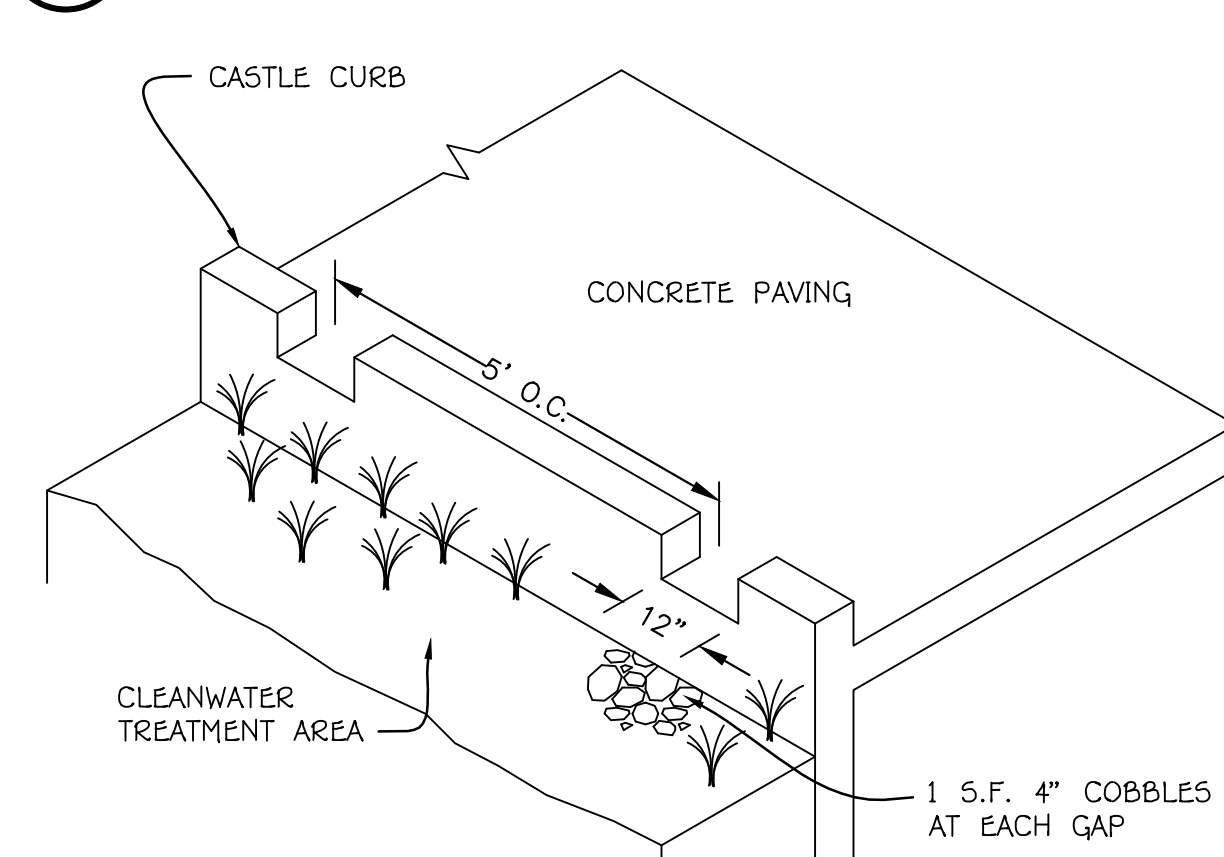
A VERTICAL CURB AT PAVERS
PARKING AREAS
NOT TO SCALE



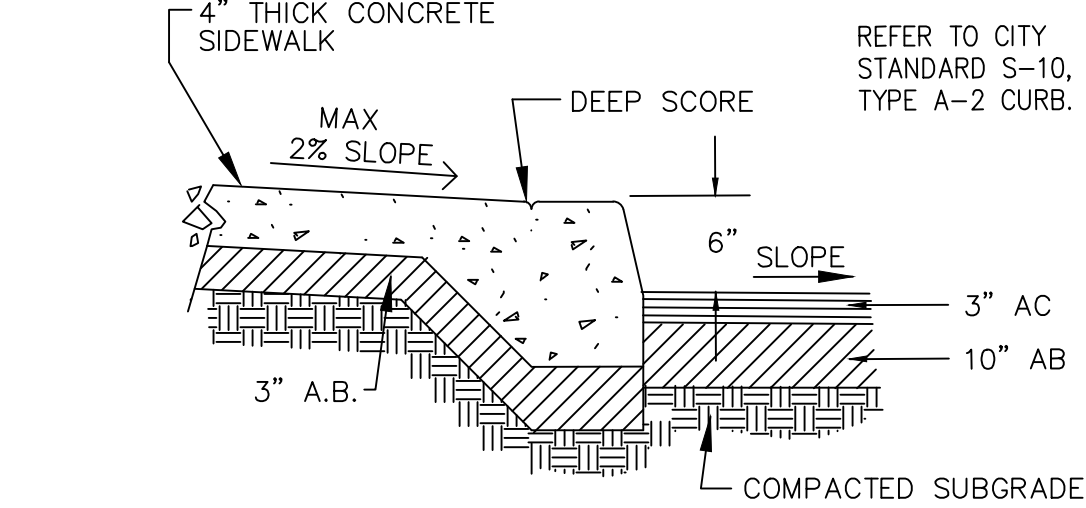
K DISSIPATER
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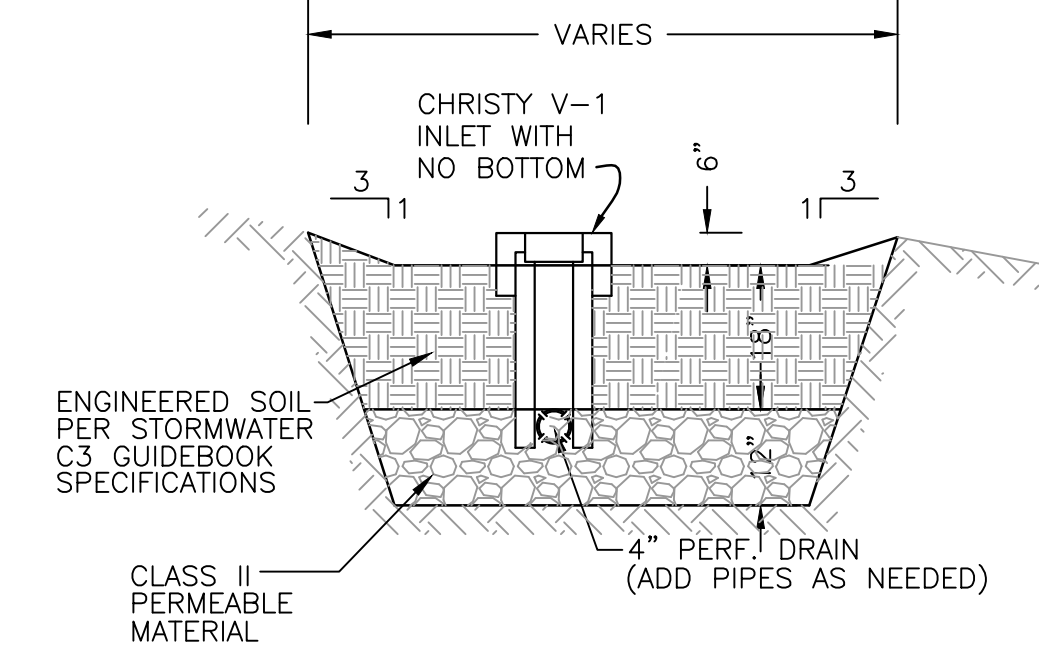
H PERMEABLE PAVERS AT PARKING
NOT TO SCALE



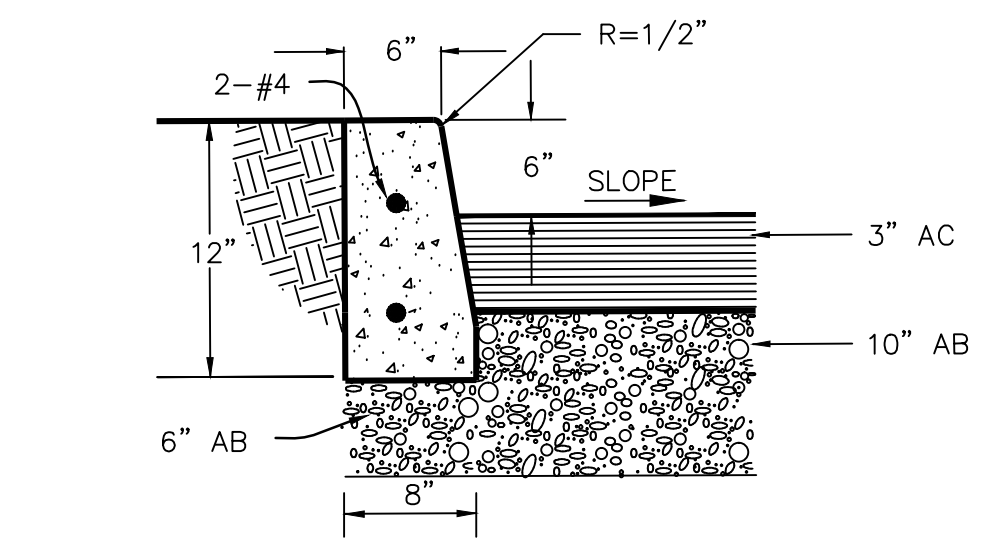
E CASTLE CURB
NOT TO SCALE



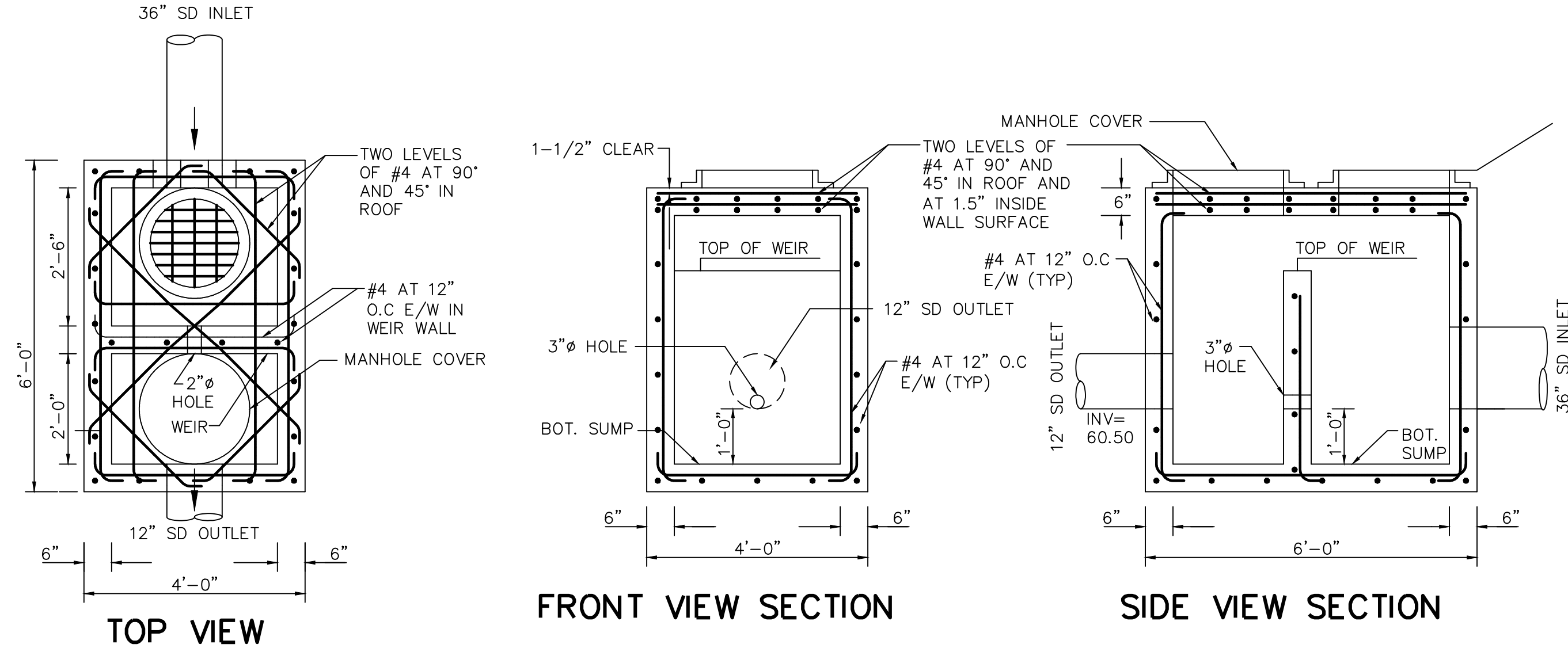
B CONCRETE CURB AT SIDEWALK
NOT TO SCALE



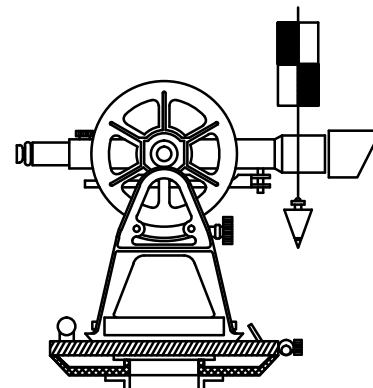
F CLEANWATER AREA
NOT TO SCALE



C VERTICAL CURB AT AC PAVING
DRIVE AISLES
NOT TO SCALE



L METERING OUTLET STRUCTURE
NOT TO SCALE



CUNHA ENGINEERING INC.

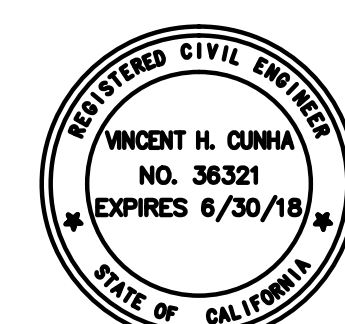


THESE PLANS PREPARED BY ME FOR THE PURPOSE OF DESIGN REVIEW AND NOT FOR CONSTRUCTION

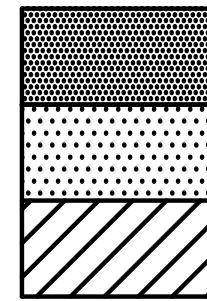
Vincent H. Cunha

VINCENT H. CUNHA RCE 36321

SEPT 14, 2016
DATE



DESIGNED BY: V.H.C.	DRAWN BY: CAB	CHECKED BY: V.H.C.	SCALE: 1" = 20'	DATE	DESCRIPTION	APPR. BY	CITY	DATE	BY
CUNHA ENGINEERING INC. 701 BELMONT WAY, STE. A PINOLE, CALIFORNIA 94564 (510) 741-8290				CALIFORNIA		CLAYTON			
PRELIMINARY DETAILS CLAYTON COMMUNITY CHURCH 1027 PINE HOLLOW COURT				SHEET NUMBER 4 OF 6 SHEETS DRAWING NO. 216016					



EXISTING IMPERVIOUS AREA (PRE) TO BE REMOVED; 1,522 SF
EXISTING IMPERVIOUS AREA (PRE) TO REMAIN: 3,572 SF
NEW IMPERVIOUS AREA (POST): 67,062 SF

TOTAL EXISTING IMPERVIOUS AREA (PRE): 5,094 SF

TOTAL IMPERVIOUS AREA (POST): 70,634 SF (1.6 ACRES)
=37% IMPERVIOUS

TREATMENT CALCULATIONS

IMPERVIOUS DMA ID	DMA TYPE	SIZE (SF)	RUNOFF FACTOR	TOTAL (SF)	REQ'D (SF)	RECEIVING IMP ZONE	SIZE (SF)
AA	COURT	2,861	1	2,861	114	BB	544
A	AISLE	14,342	1	14,342			
E	WALK	2,713	1	2,713			
H	ROOF	6,300	1	6,300			
J	ROOF	1,476	1	1,476			
B	PARKING	1,369	.5	685			
C	PARKING	684	.5	342			
D	PARKING	944	.5	472			
F	PARKING	1,282	.5	641			
G	PARKING	630	.5	315			
				27,286			
					1,091	CC	1,575
DD	COURT	4,131	1	4,131	165	EE	314
K	ROOF	6,695	1	6,695			
L	ROOF	1,964	1	1,964			
M	WALK	2,194	1	2,194			
Q	AISLE	12,808	1	12,808			
R	PARKING	770	.5	385			
S	PARKING	2,228	.5	1,114			
				25,160			
					1,006	N	1,090
U	AISLE	5,970	1	5,970			
T	PARKING	2,204	.5	1,102			
V	PARKING	2,195	.5	1,097			
X	PARKING	2,439	.5	1,219			
				9,388			
					375	P	500
Z	AISLE	4,626	1	4,626			
W	PARKING	2,028	.5	1,014			
Y	PARKING	1,035	.5	518			
				6,158			
					246	FF	411

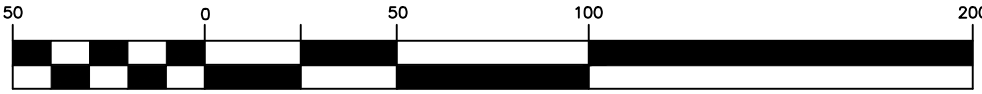
EX EXISTING HOUSE 2,440 SF DRAINS TO EXISTING LANDSCAPE AREA
UN EXISTING STREET R/W 2,232 SF UNTREATABLE
REMAINDER 106,190 SF PERVIOUS LANDSCAPE/SELF-TREATING

FLOW-CONTROL CALCULATIONS

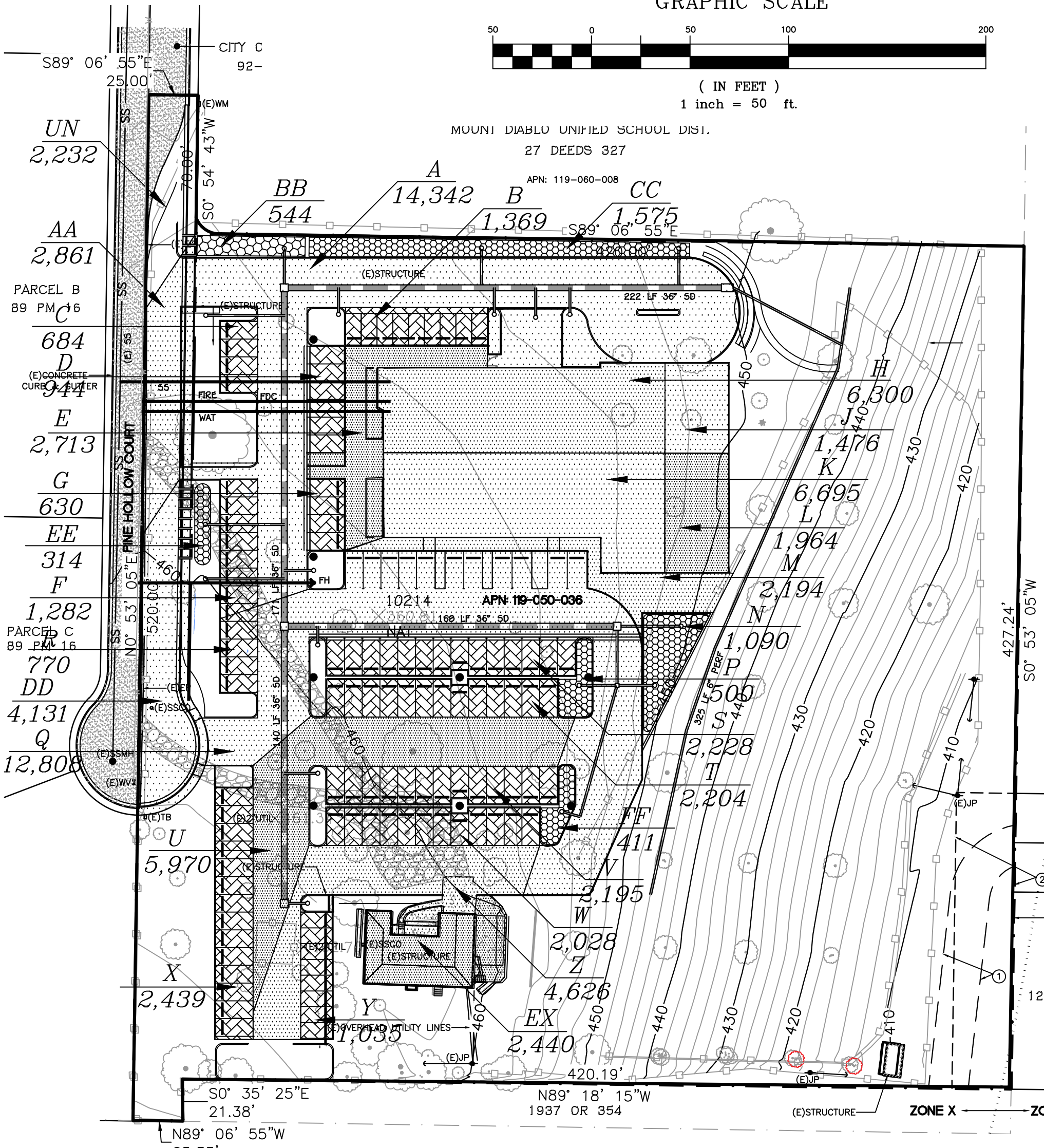
RAINFALL USED IN SPREADSHEET =20 IN
TOTAL IMPERVIOUS =70,634 SF
STORAGE NEEDED =4,775 CF
LENGTH OF PIPE =701 LF
VOLUME OF 36" PIPE =7 SF
STORAGE PROVIDED =4,907 CF

RAINFALL BETWEEN 20" AND 17.5"

GRAPHIC SCALE



(IN FEET)
1 inch = 50 ft.



NOTE

TYPE OF PAVERS TO BE DETERMINED. CALCULATIONS USED REFLECT SOLID UNIT PAVERS SET IN SAND. IF OPEN PERVIOUS PAVERS ARE USED, THEN TREATMENT AREAS AND STORAGE VOLUME MAY BE REDUCED.

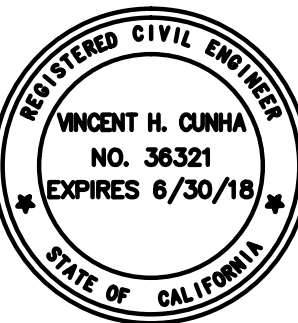
THESE PLANS PREPARED BY ME FOR THE
PURPOSE OF DESIGN REVIEW AND NOT
FOR CONSTRUCTION

Vincent H. Cunha

VINCENT H. CUNHA RCE 36321

SEPT 14, 2016

DATE



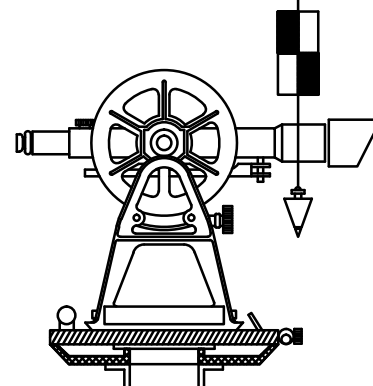
CUNHA ENGINEERING INC.

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PINOLE, CALIFORNIA 94564
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PRELIMINARY STORM WATER CONTROL PLAN
CLAYTON COMMUNITY CHURCH
1027 PINE HOLLOW COURT

PRELIMINARY CLEANWATER PLAN CALIFORNIA

SHEET NUMBER
6
OF 6 SHEETS
DRAWING NO.
216016



CUNHA ENGINEERING INC.

