#### REGULATORY STANDARDS

1. 2013 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, CBSC

2013 CALIFORNIA BUILDING CODE (CBC) PART 2, CBSC

3. 2013 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, CBSC

4. 2013 CALIFORNIA MECHANICAL CODE (CMC) PART 4, CBSC

5. 2013 CALIFORNIA PLUMBING CODE (CPC) PART 5, CBSC

5. 2013 CALIFORNIA ENERGY CODE, PART 6, CBSC

2013 CALIFORNIA FIRE CODE, PART 9, CBSC

2013 CALIFORNIA EXISTING BUILDING CODE, PART 10, CBSC

2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART II, CBSC

0. 2013 CALIFORNIA REFERENCE STANDARDS CODE, PART 12, CBSC

1. TITLE 19, C.C.R., PUBLIC SAFETY, SFM REGULATIONS

2. AMERICANS WITH DISABILITIES ACT (ADA), TITLE II OR TITLE II

### NFPA STANDARDS

. NFPA 10- PORTABLE FIRE EXTINGUISHERS, 2007 EDITION

2. NFPA 13- FIRE SPRINKLER SYSTEM, 2010 EDITION AND CA AMENDMENTS

3. NFPA 25- CALIFORNIA FIRE PROTECTION CODE, 2006 EDITION

4. NFPA 72 - (CALIFORNIA AMENDED) NATIONAL FIRE ALARM CODES, 2010 EDITION

NFPA 253 - CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEM, 2011 EDITION

# MODERNIZATION AT

# **STRATFORD SCHOOL**

1500 PARTRIDGE AVENUE

SUNNYVALE, CA 94087

# **CONDITIONAL USE PERMIT SET**

#### **ABBREVIATIONS PROJECT SUMMARY** INDEX HEIGHT HEATER HOT WATER SURFACED 4 SIDES SOLID CORE SCHEDULE SOAP DISPENSER or SMOKE DETECTOR ARCHITECTURAL HT./HG HTR. H.W. HDWD. S.4.S. S.C. SCHED. S.D. PROJECT DESCRIPTION SITE - ADDITION OF DRIVE AISL BUILDINGS - REPLACE FINISHE COVER SH CODE ANA CODE ANA EXISTING S ROOF PLA EXISTING I PROPOSEI PRESCHOO A0.0 DIAMETER or R ACOUSTICAL ADJUSTABLE ABOVE FINISHI ACOUS ADJ. A.F.F. A0.0 A0.1 A0.2 A1.0 A1.1 A1.2 A1.3 A1.4 INSIDE DIAMETEI INCH OR INCHES INSULATION INTERIOR I.D. IN. or (" INSUL. INT. E - EDUCATION, FORMERLY A-3 - ASSEMBL A.F.F. APPROX ARCH. BLKG. BLKG. BM. CAB. C.J. CLG. CLG. CLR. C.M.U. COL. COL. COL. COL. COL. COL. COL. SHORE DETECTOR SHEET SIMILAR SPECIFICATION(S) SQUARE STAINLESS STEEL SEE STRUCTURAL DRA STANDARD CCUPANCY GROUP( SEL. SHT, SIM, SEC, SG, SS, SS, ST, STRUCTJ. SUSP, STRUCTJ. SUSP, STM. T.480, T.490, T APPROXIMATE ARCHITECTURAL ONSTRUCTION TYPE V-B - NO CHANGE JAN. JST. KIT. JANITOR JOIST KITCHEN ONE - NO CHANGE WMBER OF STORIES BUILDING BLOCKING BEAM 32,278 SF - NO CHA UILDING AREA: CABINET CONTROL JOINT CEILING CLOSET CLEAR FIRE SPRINKI ERS LAM. LAV. LAMINATE LAVATORY PARTIA STEEL STORAGE STRUCTURAL SUSPEND SYMBOL or SYM A1.5 A2.0 PROPOSEI FLOOR PL IRE ALARM YES MAX. MECH, MEZZ. MFR, MIN, MISC, MTL/MET, MAXIMUM MECHANICA MEZZANINE MANUFACTO MINIMUM A2.1 A2.2 FLOOR PL COLCAR CONCRETE MASOI CLEANOUT OF CAS COLUMN CONCRETE COLLAR THE COLLAR THE COLL WATER ELOOR PL TOP AND BOTTOM TONGUE AND GROOVE TREAD MISCELLANE TELEPHONE TELEPHONE TOP OF CURB TOP OF PAVEMENT TOP OF WALL TOILET PAPER HOLDER TOILET PAPER DISPENSE TELEVIENN CIVIL C1.0 EXISTING NORTH NEW NOT IN CONTRACT NUMBER NOT TO SCALE SURFACE DOUBLE DEPARTMENT DETAIL DOUGLAS FIR or DRINKING FOUN DIAMETER DIMENSION DOWN DOWNSPOUT C2.0 DBL. DEPT. DET. D.F. N. (N) or NE N.I.C. NO. or # N.T.S. **GENERAL NOTES** C3.0 C4.0 THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURE AND FOR ALL SAFETY PROGRAMS AND PRECAUTIONS IN CONNECTION WITH THE PROJECT. NEITHER THE OWNER NOR THE ARCHITECT IS RESPONSIBLE FOR THE CONTRACTOR'S SALLURE TO FOLLOW PROPER SAFETY PROCEDURES. TELEVISION PARCEL M OVER ON CENTER OUTSIDE DI OPENING o/ 0.C. 0.D. OPNG, ANDSO U.L. U.O.N. UNDERWRITERS LABORATOR UNLESS OTHERWISE NOTED PLANTING DISHWASHE PLANTING PLYWOOD EDGE NAILING PERFORATED POWDER DRIVEN FASTENI PLATE OR PROPERTY LINE PLATE OR PROPERTY LINE PLATE OR DATE PLYWOOD PREFABRICATED PRESSURE TREATED VERT. V.I.F. V.G. P.E.N. PERF. P.D.F. PL.AM. PLYWD. PREFAB PTD. P.T. VERTICAL VERIFY IN FIELD VERTICAL GRAIN ALL CODES HAVING JURISDICTION ARE HEREBY MADE A PART OF THIS DOCUMENT AND ARE TO BE STRICTLY OBSERVED BY EACH EXPANSION JOIN ELECTRICAL ENCLOSURE EDGE OF SLAB PARKING I .1.3 THE CONTRACTOR IN THE CONSTRUCTION OF THE PROJECT. IN THE EVENT OF CONFLICT BETWEEN THESE DOCUMENTS AND THE CODE, THE CODE SHALL PREVAIL, ANY CONFLICT OR DISCREPANCY SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. 121 ICATH WITH WITHOUT WATER CLOSET WOOD WATER HEATER WATERPROOF WELDED WIRE FA W/0 W/0 W.C. WD, W.H. WP. RRIGATIO ALL WORK, TO BE ACCEPTABLE, MUST BE IN COMPLIANCE WITH THESE DRAWINGS AND SPECIFICATIONS, AND MUST BE OF A QUALITY EQUAL OR BETTER THAN THE STANDARD OF THE TRADE. FINISHED WORK SHALL BE FIRM, WELL-ANCHORED, IN TRUE ALIGNMENT, PLUMB, LEVEL, WITH SMOOTH, CLEAN, WINFORM APPEARANCE. I AM THE RESPON PROJECT AND WII ALL SUBMITTAL D SUBMITTALS, FOF BUILDING. EQUAL EQUIPMENT EXISTING RISER RADIUS ROOF DRAIN REFERENCE REQUIRED ROUGH OPENING REDWOOD RAIN WATER LEADER R. RAD. REF. REINF. REQ'D R.O. RWD. R.W.L. FIRE RETARDA GYP. BD/G GYPSUM BOARD CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION AGAINST WEATHER, RAIN, WINDSTORMS, OR HEAT SO AS TO MAINTAIN ALL WORK, MATERIALS, EQUIPMENT AND APPARATUS FREE FROM INJURY OR DAMAGE. HOSE BIB HOLLOW COR HARDWARE HOLLOW MET/ HORIZONTAL H.B. H.C. HDWR./ H.M. HORIZ. CONTRACTOR SHALL VISIT THE SITE OF THE PROJECT, EXAMINE FOR HIMSELF/HERSELF THE NATURE OF THE EXISTING CONDITIONS AND ALL OTHER CONDITIONS RELEVANT TO THE SATISFACTORY COMPLETION OF THE PROJECT. SUBMISSION OF A BID FOR CONSTRUCTION SHALL BE CONSIDERED EVIDENCE OF SUCH EXAMINATION BY THE CONTRACTOR. SIGNATURE OF SYMBOLS CONTRACTOR SHALL REMOVE FROM SITE ALL EXISTING CONSTRUCTION AND IMPROVEMENTS NECESSARY FOR COMPLETION OF THE PROJECT, PROTECT FROM DAMAGE OR INJURY ALL EXISTING TREES, LANDSCAPING AND IMPROVEMENTS INDICATED BY THE ARCHITECT. CALIFORNIA LIC $(\mathbf{A})$ $\odot$ ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE THE PROJECT MANUAL WITH SPECIFICATIONS THE ADDENDA AND MODIFICATIONS ISSUED BY THE ARCHITECT. SEE LEGEND ON DRAWINGS FOR EXPLANATION OF EACH PROJEC ALL WORK MOTED "BY OTHERS" OR "N.LC." SHALL BE PROVIDED BY THE OWNER UNDER SEPARATE CONTRACT. INCLUDE SCHEDULE REQUIREMENTS FOR THIS "OTHER" WORK IN CONSTRUCTION PROGRESS SCHEDULES AND COORDINATE AS REQUIRED TO ASSURE ORDERLY SEQUENCE OF INSTALLATION. 1 COLUMN LI ROOM IDENT NAME ROOM NAME Stratford Schoo 12930 Saratoga Ave, S Saratoga, CA 95070 DO NOT SCALE DRAWINGS ROOM FINISH IE COLUMN CENTER LINES (OR GRID LINES) ARE SHOWN FOR REFERENCE ONLY. VORK, CONTROL, OR DATUM POINT o 🕤 CEILING -- WALL MATERIAL IN CASE OF CONFLICT OR DISCREPANCIES IN CONTRACT DOCUMENTS, CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING PRIOR TO PROCEEDING. Cody Anderson Wasi 5 Lambert PROPERTY LINE alo Alto, CA 94041 OR TO BEGINNING WORK, CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ENSURE THAT ALL WORK IS BUILDABLE AS DWN. CONDITIONS THAT ARE NOT REFLECTIVE OF THAT WHICH IS SNOWN SHALL BE REPORTED TO THE ARCHITECT IN TIMO PRIOR TO COMMENCING CONSTRUCTION. PLOOR - BASE/TRIN FW OR FINISHED CONTOUR **[**]-WALL TYPE ID XISTING CONTOURS "TYPICAL" OR "TYP." SHALL MEAN THAT THE CONDITION IS REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT . UNLESS OTHERWISE NOTED (U.O.N.). DETAILS ARE USUALLY KEYED AND NOTED "TYP." ONLY ONCE, WHEN THEY FIRST APPEAR. Civil Engineer BKF Engineers 1650 Technology Dr, Ste DOOR MARK OR SEQUENCE NUMBE DIMENSION @ FACE OF STUD, "ALIGN" SHALL MEAN TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE San Jose, CA 95110 "SIMILAR OR "SIM." MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITIONS NOTED. VERIFY DIMENSIONS AND 15. ORIENTATION ON PLANS AND ELEVATIONS. @ CENTERLIN WINDOW MARK OR IMENSION @ FACE OF FINISH FEATURES OF CONSTRUCTION NOT FULLY SHOWN SHALL BE OF THE SAME CHARACTER AS SHOWN FOR SIMILAR (F-1) PLUMBING ID andscape Architect LEVATION allander Associates $\langle a_{a} \rangle$ APPLIANCE ID ALL DIMENSIONS MARKED "CLEAR" SHALL BE MAINTAINED AND SHALL ALLOW FOR THICKNESS OF ALL FINISHES Seventh Ave ELEVATION N SHEET WHERE ELEVATION an Mateo, CA 94401 VIATIONS & SYMBOLS' ON THIS SHEET FOR GRAPHIC CONVENTIONS OF NEW VERSUS EXISTING CONSTRUCTION. CHANGE IN FLOOR FIN $\rightarrow$ 18. IN ALL NOTES ON ALL DRAWINGS ALL WORK SHALL BE NEW WORK UNLESS SPECIFICALLY LABELED AS EXISTING (E). ECTION SECTION NUMBE ALIGN FACE OF FINISH CONTRACTOR TO PROVIDE BLOCKING AND/OR BACKING PLATES AT ALL WALL HUNG OR WALL BRACED DEVICES. SHEET WHERE SECTIO COORDINATE AND COOPERATE WITH OWNER REGARDING ACCESS ROUTE AND SCHEDULING OF MATERIAL DELIVERIES. DETAIL DETAIL N COORDINATE ALL WORK OCCURRING IN OCCUPIED AREAS WITH OWNER. SCHEDULE WORK AS REQUIRED REVISION NUMBER A0.0+ SHEET WHERE DETAIL 1 "CLOUD" INDICATES REV SCHEDULE AND COORDINATE ACTIVITIES BY OWNER, ALL ACTIVITIES MUST BE ACCOMMODATED WITHIN THE CONTRACT TIME TERIOR ELEVATION ALL INFORMATION SHOWN ON THE DRAWINGS RELATIVE TO EXISTING CONDITIONS IS GIVEN WITH THE BEST PRESENT KNOWLEDGE. WHERE ACTUAL CONDITIONS CONFLICT WITH THE DRAWINGS, THEY SHALL BE REPORTED TO THE ARCHITECT ELEVATION NUMBE SHEET WHERE ELEVATIO 23. IN WRITING, SO THE PROPER REVISIONS CAN BE MADE. (E) CONSTRUCTIO 1000000 (N) CONSTRUCTION \_\_\_\_\_

		ATT	ACHMEN	JT .	8
M	AP	PAC	E 1 OF 2	23	CODY ANDERSON WASNEY
•		. ę. i	(B) Ce Exp	A Lawi	
leal		(82)	awero (	and t	ARCHITECTS
20) 39	india Ces	ih & Carry 📳	California	Dept of	
	👔 Brya	n' Way		Vehiclea 3	
	Peterson Middl	e School		- 01112	
				10-01-01-01-01-01-01-01-01-01-01-01-01-0	
			Lawrence Expy		
Sincle	ann M	Nay Gira	Expy		
	(Nove	artridoe Ave	15	2 m	Cody Anderson Wasney Architects, Inc.
4	r Carnand	rive - home	4 G	Goldv	455 Lam bert Aven⊔e • Paio Alto, CA 94306 6 5 0 . 3 2 8 . 1 8 1 8 • Fax 3 2 8 . 1 8 8 8 ©approxNi≨ 2010 by CODY ANDERSON WASNEY ARCHITECTS, INC,
			awence Dby	31	STAMP
ernais)	Way B		and the EDV	2	
Nwy ne Wa			Cochema Ave	purbank Dr	
n Way	2 · · ·		Star Ave		
EET	: SITE				······
	BUILDING ARE	AS & OCCUPANC	IES		CONSULTANTS
ното	S OF BLOCK FA	CE			
L OP	PLAN TION PLAN - BASKET				
NS -	PLAN - BASKET BUILDINGS 1-3 BUILDINGS 4-7	BALL & EXTERN	DR LIGHTING		•
	BUILDING 8 & PL	UMBING CALCS			
	TIONS PLAN				REVISION DATE
AN	VEMENTS PLAN				SUBMITTAL 112/2014
٩P					
PLAN PLAN					· · · · · · · · · · · · · · · · · · ·
OT SH I PLA	IADING PLAN N				
ocu	MENTS PREPA	RED BY OTHEF	THE RECORD ON THIS ING AND COORDINATING IS, INCLUDING DEFERRE	G D	
H COI	WPA (IBILITY W	ITH THE OVER	ALL DESIGN OF THE		
THE	ARCHITECT		DATE		
г АС, АІ	<b>`</b>				
ENS	E NUMBER		EXPIRATION DATE	-	
TC	DIRECT	ORY		i	PROJECT NAME
	Name/Title		Email		STRATFORD SCHOOL
e A-2		VP Campus Dev. 408-973-7331	cstringham@stratfordschools	.com	RAYNOR CAMPUS
v Arc	hitects				1500 Partridge Ave
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Chris Wasney	Principal 650-328-1888	cwasney@cawarchiteels.com		Sunnyvale, CA 94087
		Project Manager	henry@woodarchitect.com		SHEET TITLE
	650-961-1926				COVER SHEET
650	Martin Parissenti	Project Manager	mparissenti@bkf.com		
	408-467-9100	408-467-9199			A COMPANY OF A COMPANY OF A COMPANY
		Project Engineer 408-467-9199	nmoussa@bkf.com		
		Principal 650-344-3290	mslichter@callanderassociate	s.com	
				]	PROJECTINO MICCO
					PROJECT NO. 14030 DRAWN BY <u>R Ajel</u>
					CHECKED BY H WOOD / C WAGNEY
					SHEET
					ANN
					A0.0
					· · · · · · · · · · · · · · · · · · ·

VICINITY

E Él Camino

Elizabech Wa

Vanon Wow Ful

Elan Way

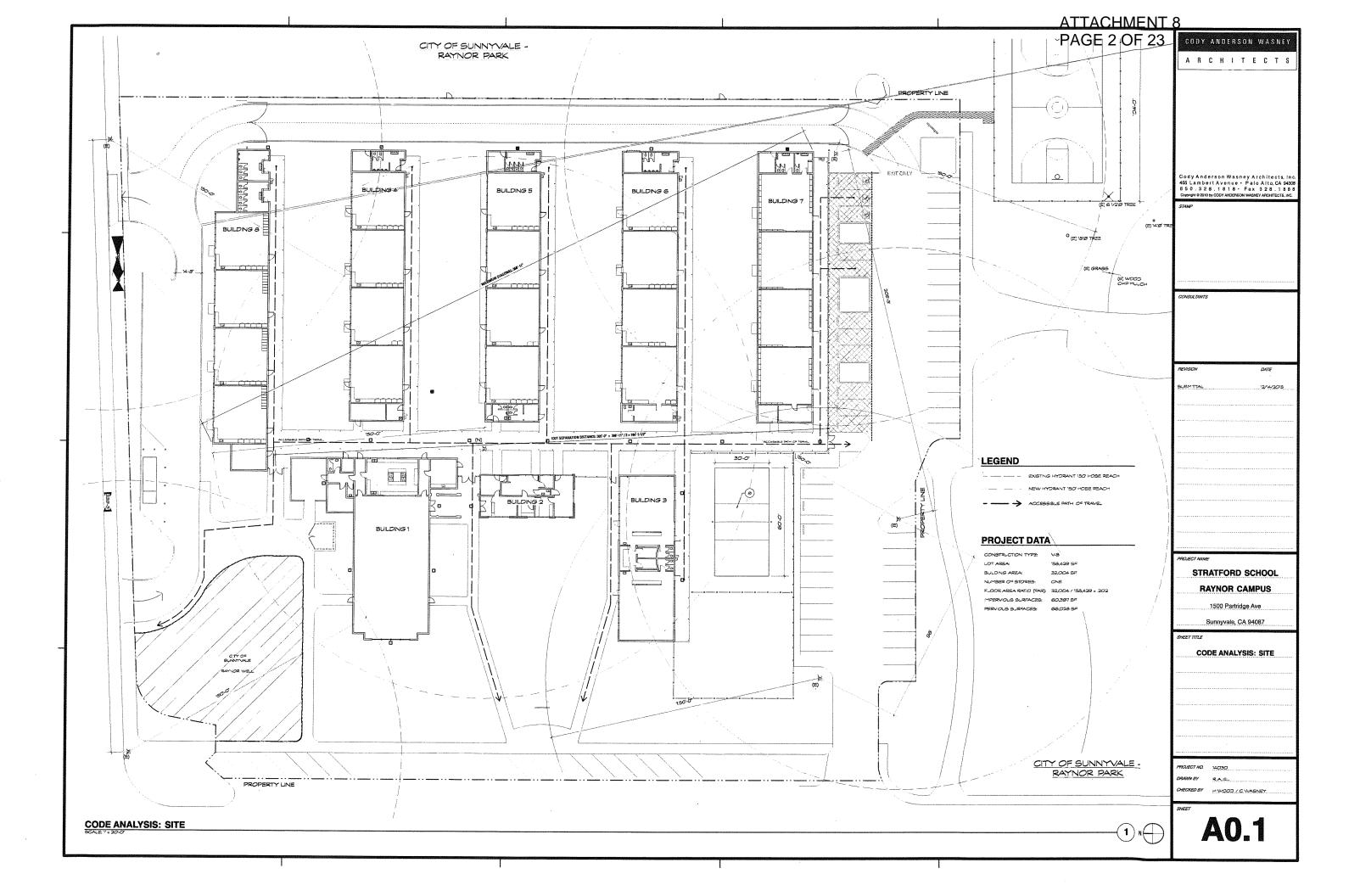
FUNDOR

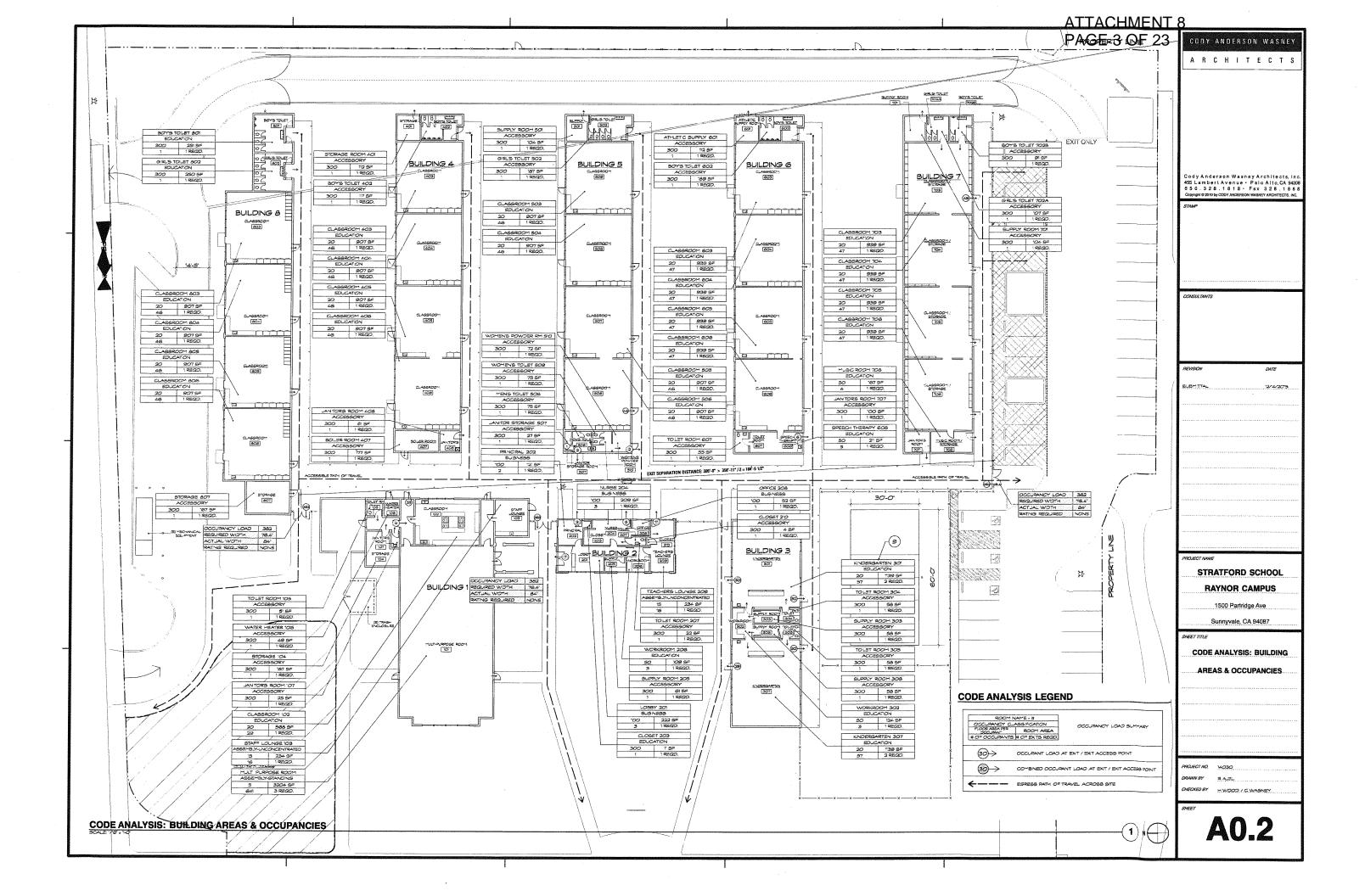
Levela

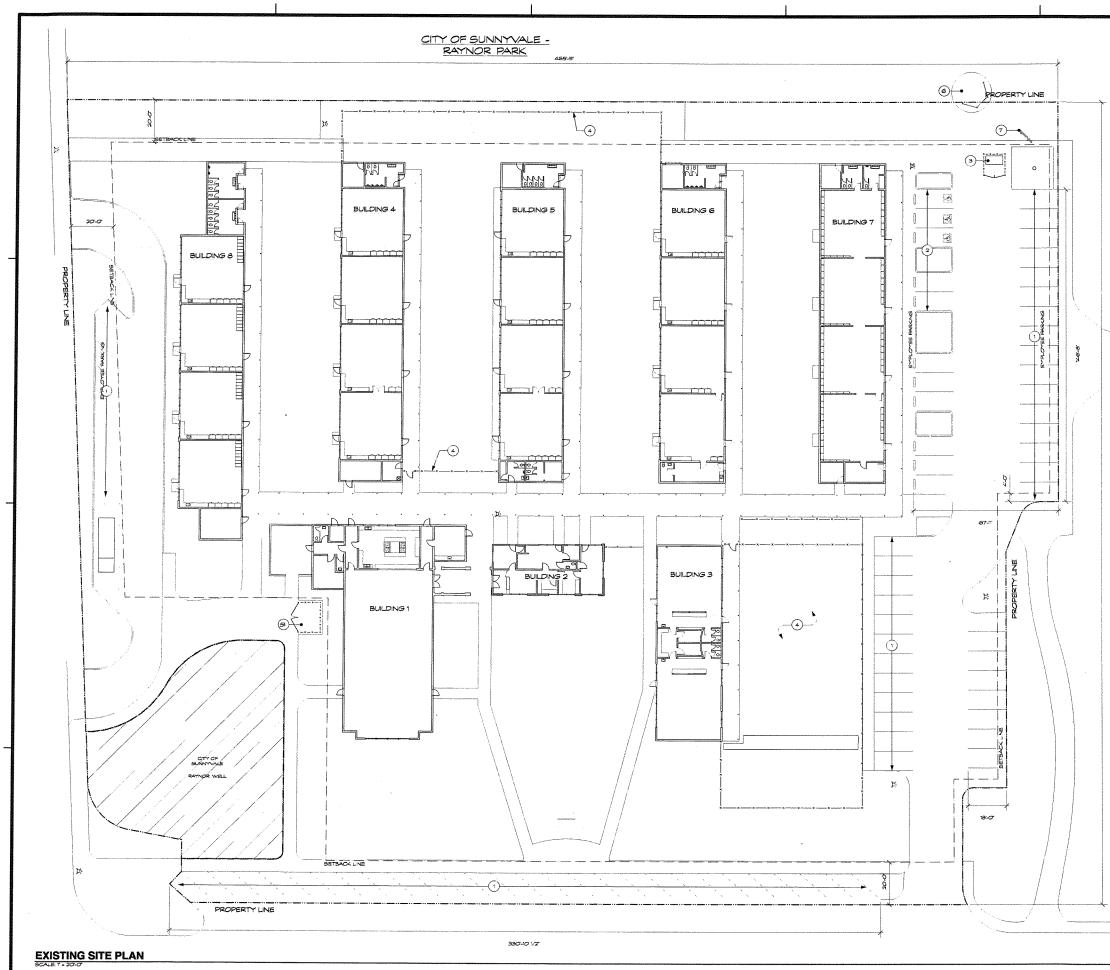
**X.**5

Lerom

Bernet







ATTACHMENT	8
PAGE 4 OF 23	CODY ANDERSON WASNEY
KEYNOTES	ARCHITECTS
RESTRIPE ARAMING SPACED TO SUG WUDE SEE ALGO BHEET AL3     ACCESSBLE PARKING TO BE RELOCATED SEE ALGO BHEET AL3     SEE TRASH ENCLOSURE TO BE RELOCATED (E) TRASH ENCLOSURE TO BE REMOVED     (E) REPLACE (E) FENCE WITH (N) ORNAMENTAL IRON (E) TRASH ENCLOSURE TO BE MODIFED SEE NOTE 12 (E) REPLACE (E) RASEBALL BACK STOP STRUCTURE (7) (E) SCORE BOARD TO REMAN	
PARKING COUNTS	Cody Anderson Wasney Architects, inc. 455 Lambert Avenue - Palo Aito, CA 94308 8 5 0 . 3 2 8 . 1 8 1 8 + Fax 3 2 8 , 1 8 8 8
EXSTNG COUNT: B2 TOTAL 45 90-DEGREE SPACES 54 ANGLED SPACES EXSTNG ACCESSIBLE: 3 SPACES EXISTNG COVERED: 0 SPACES	Comment 220, 100 CCCV ANDERSON WASHET ARCHITECTS, INC.
	соняллямтя
	REVISION DATE
	SUBMITAL 12/4/275
	PROJECT NAME STRATFORD SCHOOL
	RAYNOR CAMPUS
	Sunnyvale, CA 94087
	SHEET TILE
	· · · · · · · · · · · · · · · · · · ·
CITY OF SUNNYVALE - RAYNOR PARK	PROJECT NO 140300
	CHECKED BY HWOOD / GWASNEY
(1) »	A1.0
$\bigcirc$ $\bigcirc$	

PROPERTY LINE ~ b 8 8 8 340.18 (E) MECHANICAL EQLIPMENT, TYP. (E) MECHANICAL EQUIPMENT, TYP \_\_\_\_\_ \_\_\_\_\_ → <u>a</u>g | <u>a</u>g → ---- Å ~~~ <sup>8</sup> 8 ~~~ -----------anally and SLOPE Å SLOPE SLOPE -Ш Ц PROPERTY CTY OF SUNKYVALE -----RAMOR WELL **P** -----PROPERTY LINE EXISTING ROOF PLAN

1

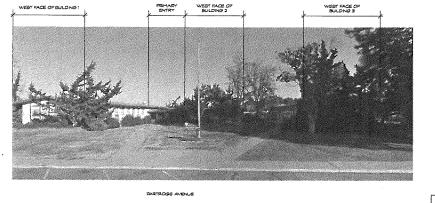
1

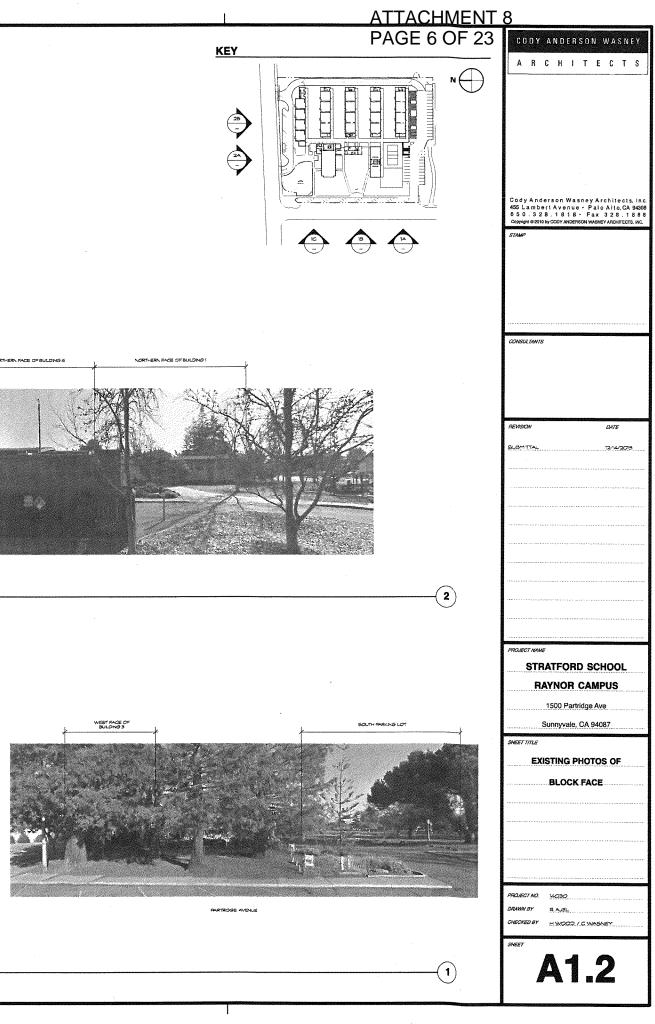
ATTACHMENT PAGE 5 OF 23	CODY ANDERSON WASNEY
	ARCHITECTS
	Cody Anderson Wasney Architects, Inc. 455 Lambert Avenue • Palo Alto, CA 94308
	60         1         10 </td
	STAMP
***	CONSULTANTS
	REVISION DATE
	SUBMITTAL 12/14/2015
	·
	PROJECT NAME
	STRATFORD SCHOOL
	RAYNOR CAMPUS
	1500 Partridge Ave
	Sunnyvale, CA 94087
	EXISTING ROOF PLAN
	PROJECT NO. 14030
	CHECKED BY
	SHEET
(	A1.1



C

PARTRIDGE AVENUE

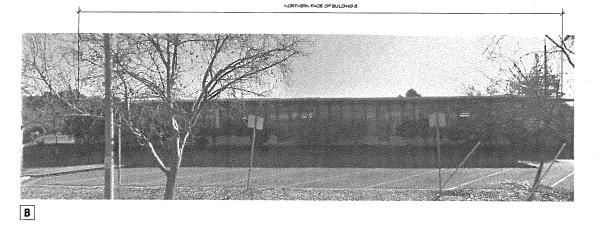




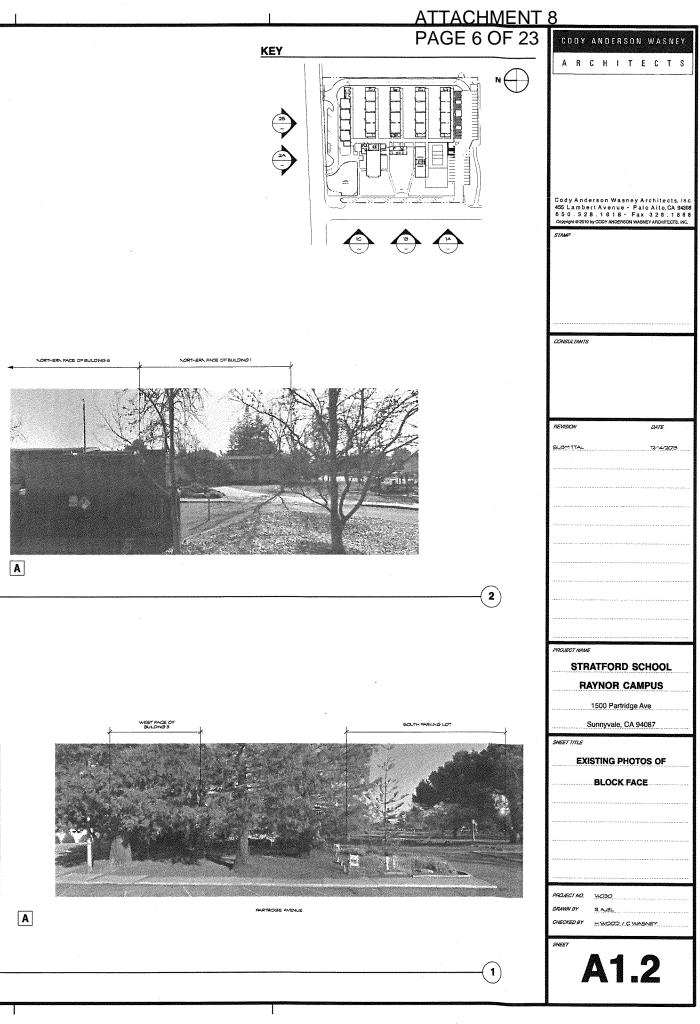
# NORTH FACE ALONG DUNFORD WAY

NOTE EXTERIOR FACE OF BUILDINGS WILL REMAIN UNCHANGED

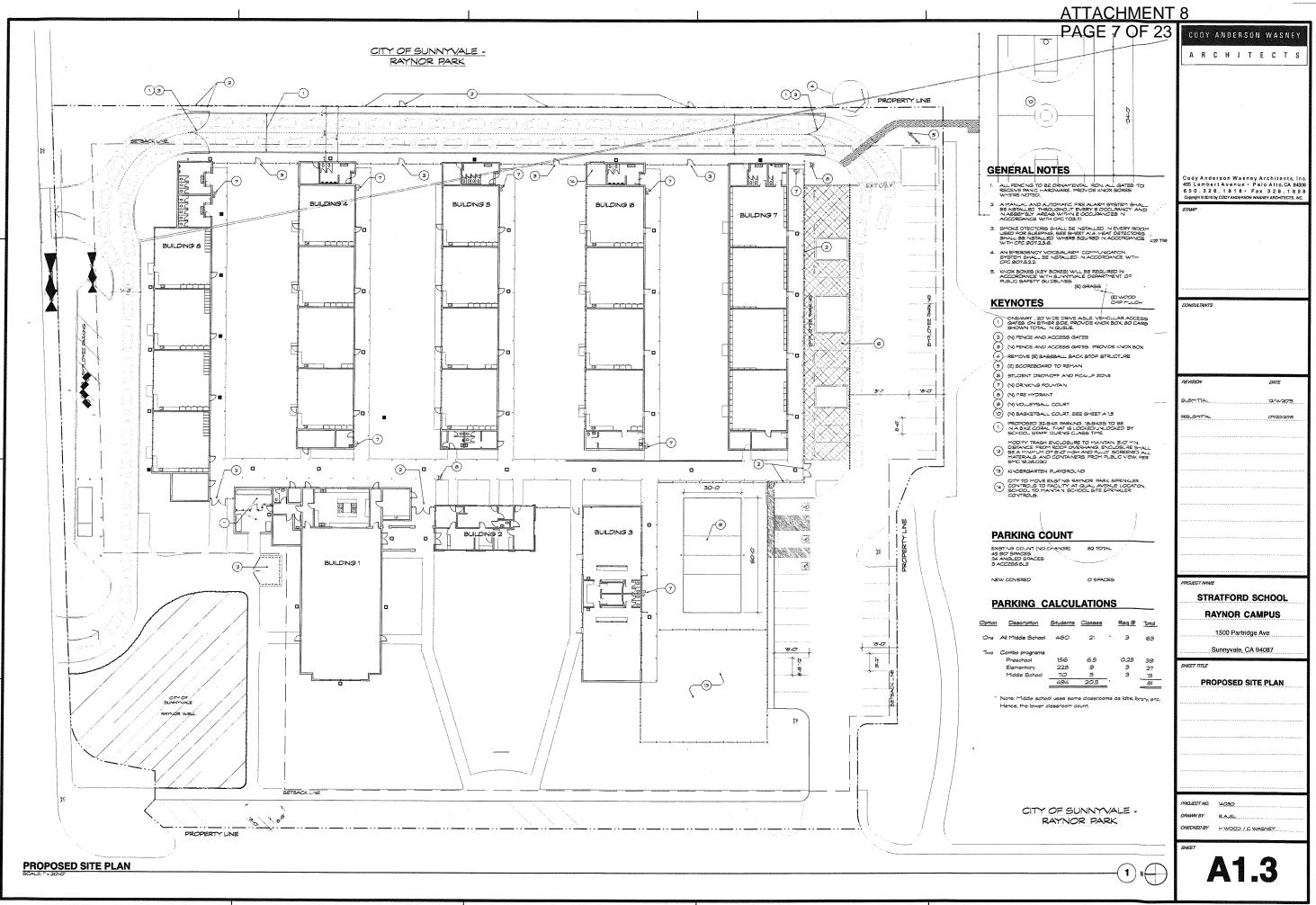
NOTE: EXTERIOR FACE OF BUILDINGS WILL REMAN UNCH

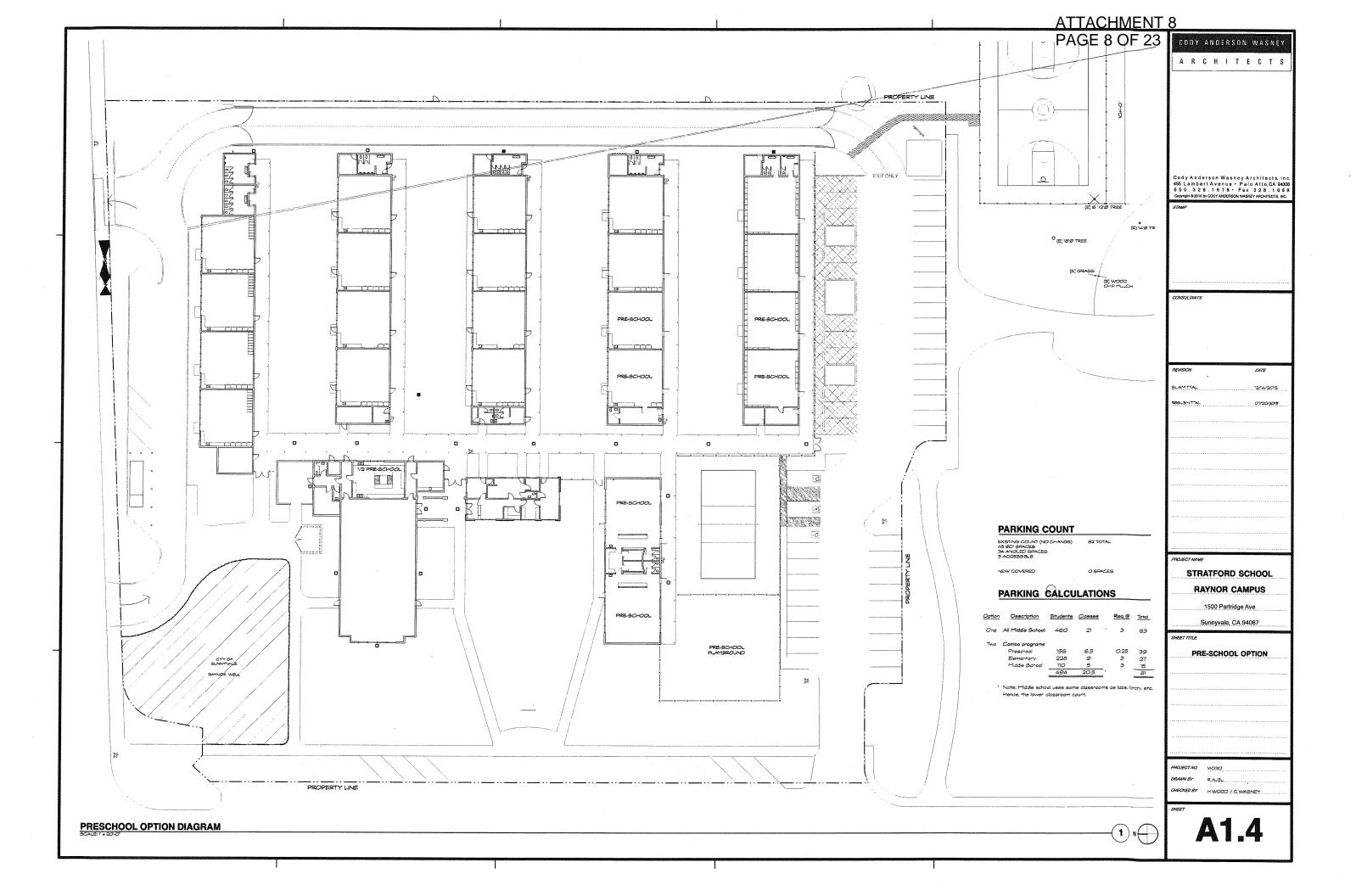


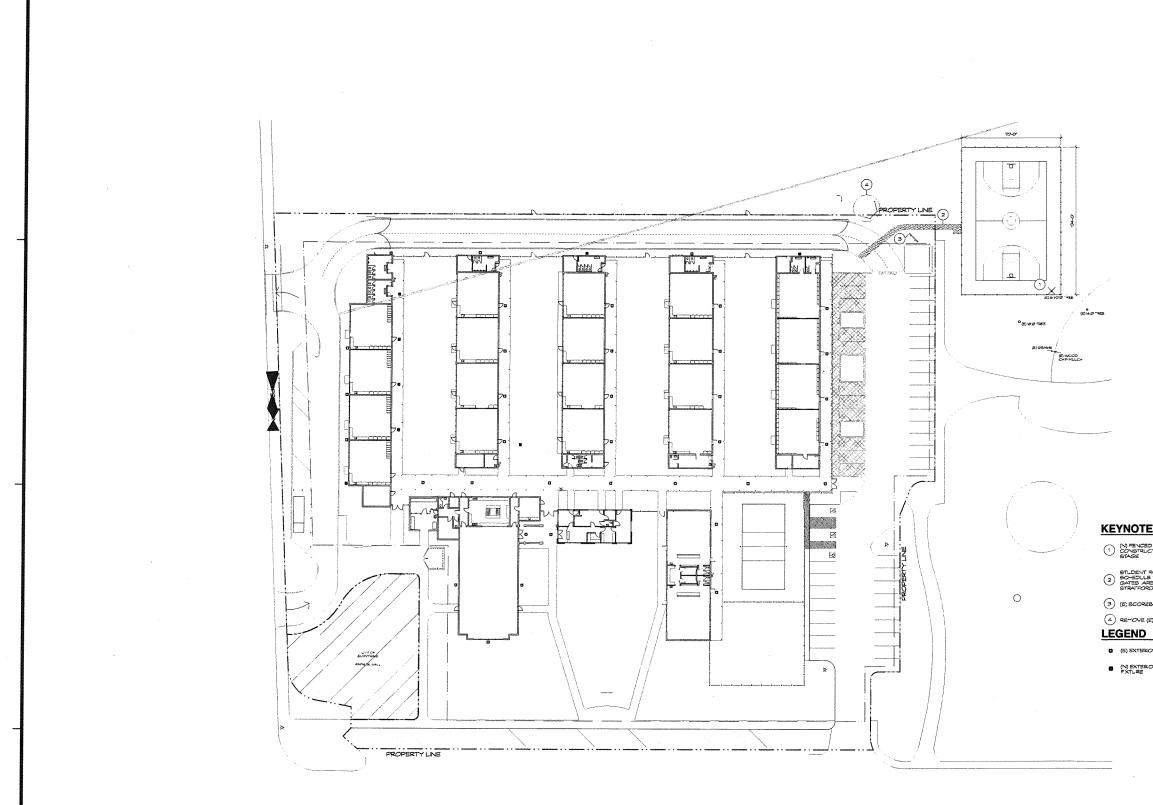
В











PROPOSED SITE PLAN - BASKETBALL COURT & EXTERIOR LIGHTING

# ATTACHMENT 8 PAGE 9 OF 23 CODY ANDERSON WASNEY



#### KEYNOTES

(1) (N) FENCED BAGKETBALL COURT, STRATFORD PREVIEW CONSTRUCTION WITH CITY AT TIME OF BULDING PERMIT STAGE

STLDENT PATH TO BASKETBALL COLRT. SCHOOL W... SCHEDULE TIMES FOR USE OF PATH WHEN DRIVEWAY GATES ARE N A CLOSED LOCKED POSITION. SEE STRATFORD PROJECT DESCRPTON

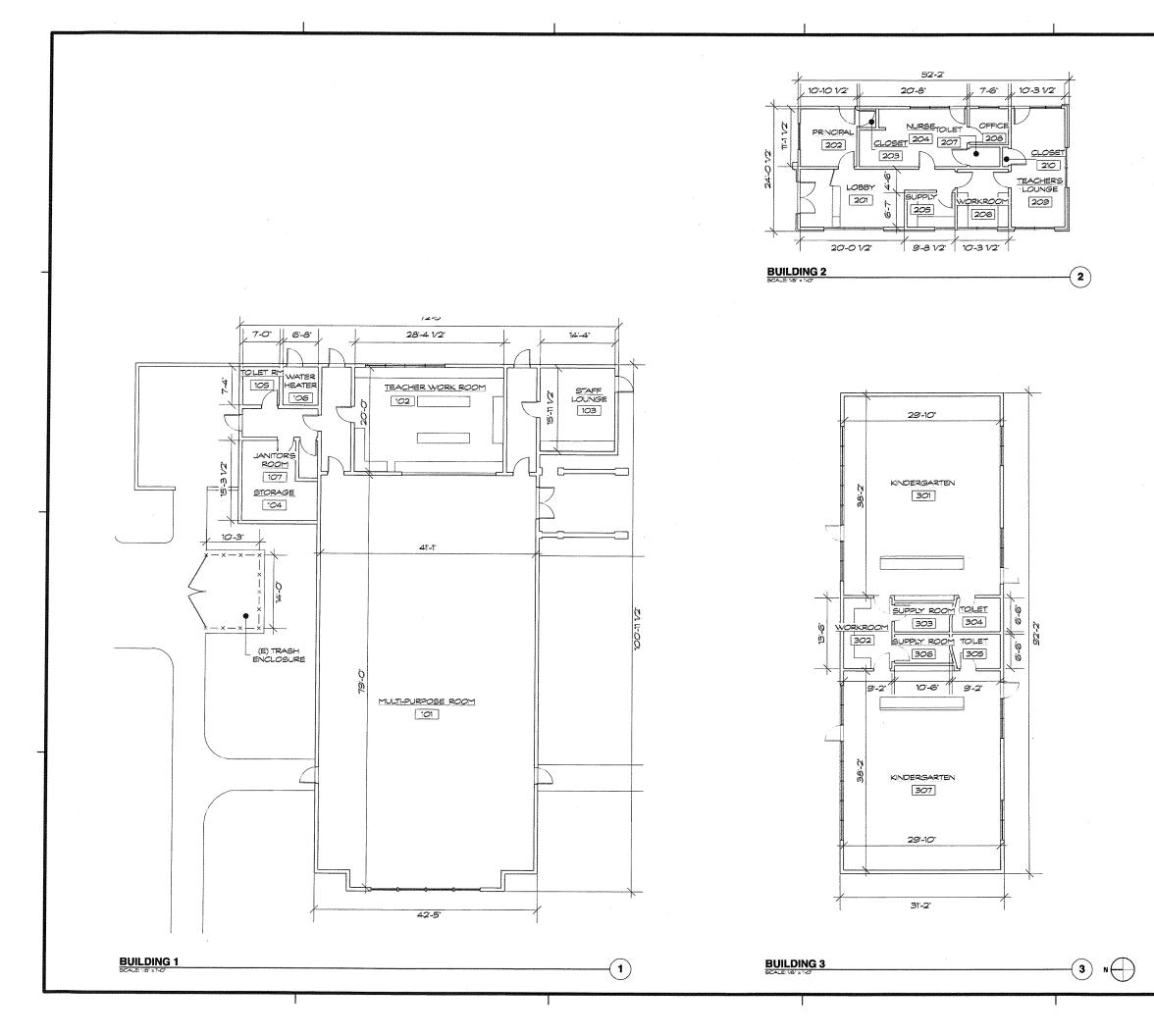
(3) (E) SCOREBOARD TO REMAIN

(4) REMOVE (E) BASEBALL BACK STOP STRUCTURE

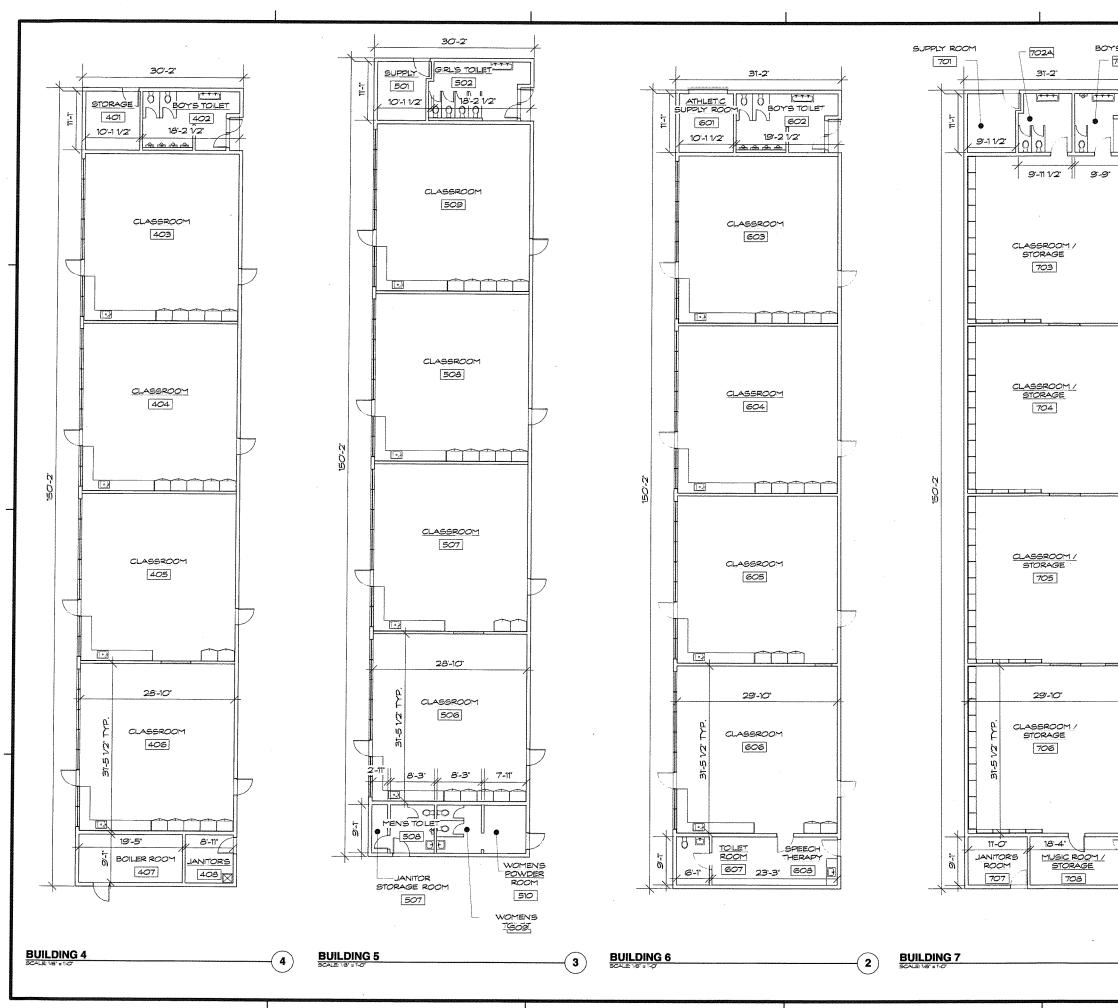
(E) EXTERIOR LIGHT FIXTURE TO BE REPLACED

(N) EXTERIOR LIGHT PATURE TO MATCH REPLACED
 FXTURE

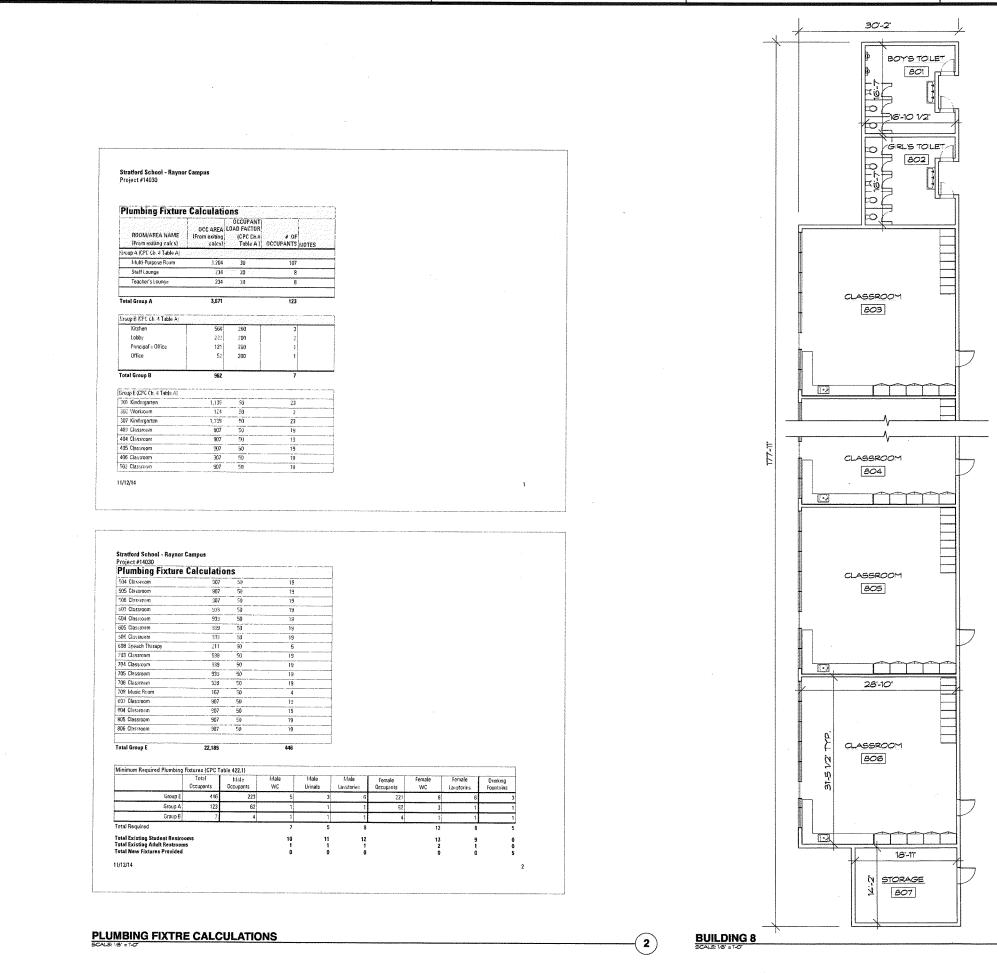
-(1) N



ATTACHMENT	
PAGE 10 OF 23	CODY ANDERSON WASNEY
KEY	
NEW WALL	ARCHITECTS
	Cody Anderson Wasney Architects, inc.
	455 Lambert Avenue • Paio Alto, CA 94308 850.328.1818 • Fax 328.1888
	Cipynghi © 2010 by CODY ANDERSON WASNEY ARCHITECTS. INC.
	CONSULTANTS
·	REVISION DATE
	SUBMITTAL 12/4/2015
	· · · · · · · · · · · · · · · · · · ·
	PHOJECT NAME
	STRATFORD SCHOOL
	RAYNOR CAMPUS
	1500 Partridge Ave
	Sunnyvale, CA 94087
	SHEET TITLE
	FLOOR PLANS -
	BUILDINGS 1-3
	PROJECT NO. 14030
	DRAWN BY RASL
	CHECKED BY H WOOD / C WASNEY
	SHEET
	A2.0

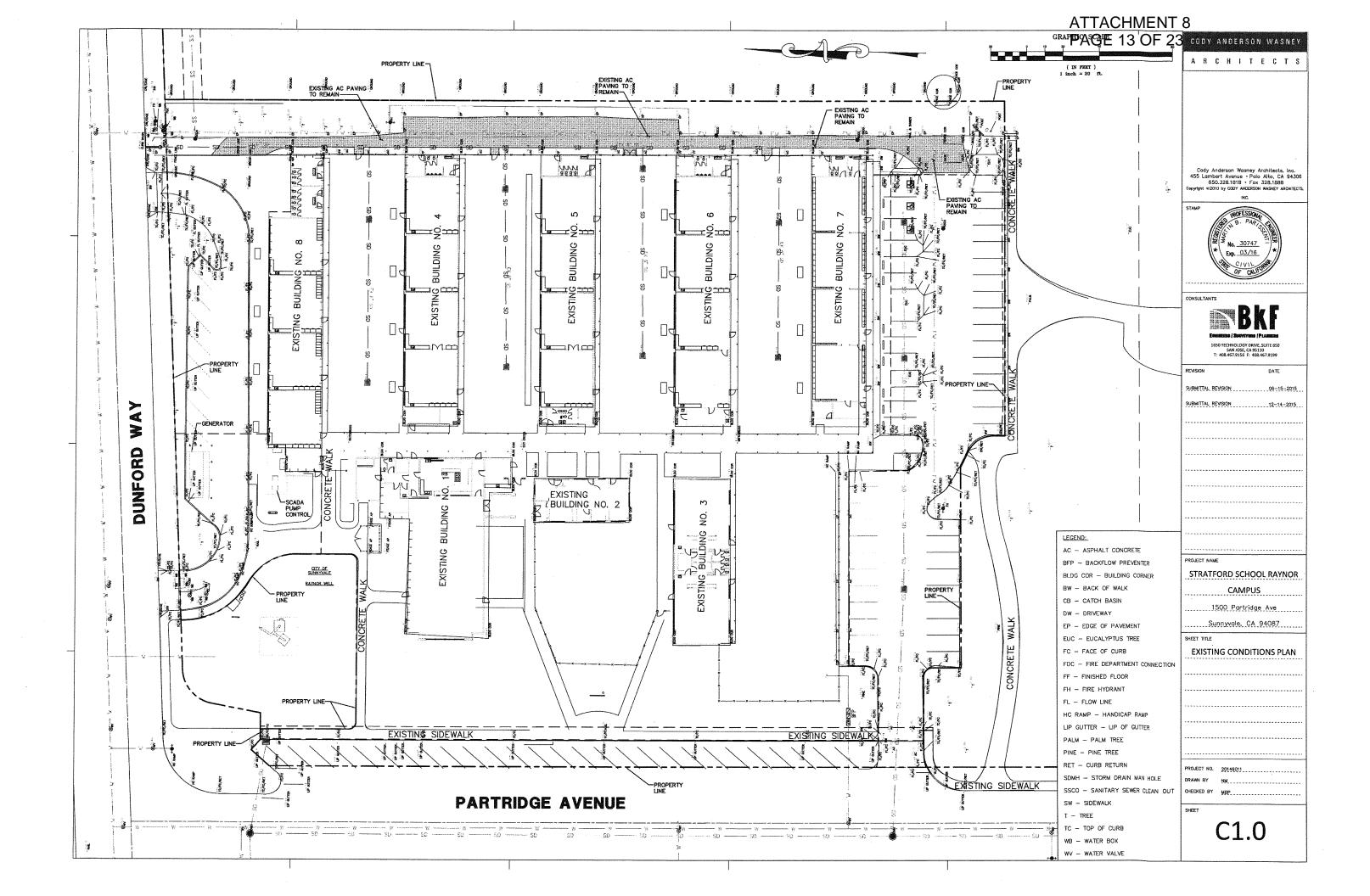


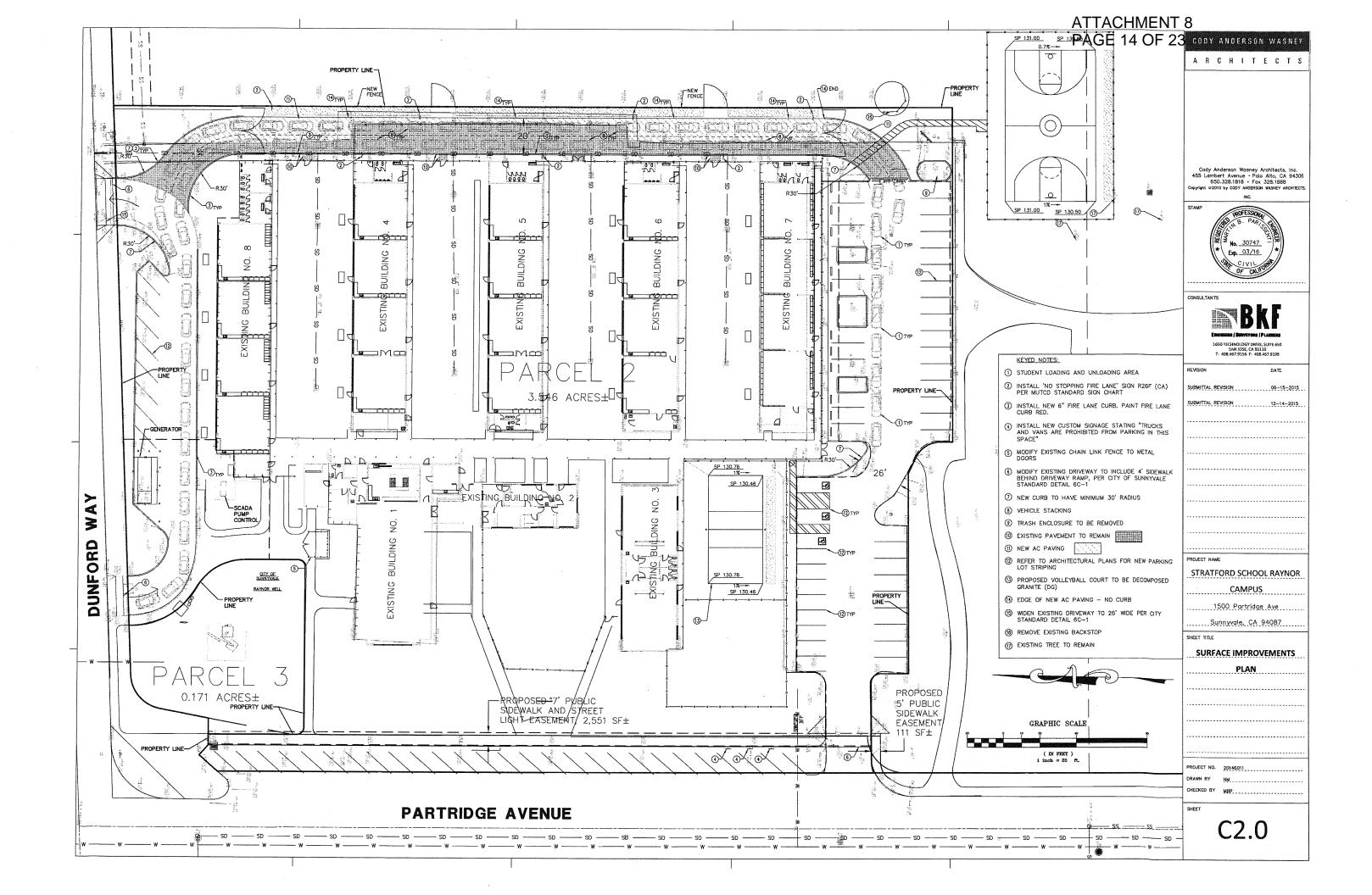
**ATTACHMENT 8** PAGE 11 OF 23 CODY ANDERSON WASNEY BOYS TOILET KEY ARCHITECTS - 702B NEW WALL Cody Anderson Wasney Architects, inc. 455 Lambert Avenue - Palo Alto, CA 94308 5 5 0 . 3 2 8 . 1 8 1 8 - Fax 3 2 8 . 1 8 8 8 Comymon 820109/CODY ANDERSON WASNEY ARCHITECTS, NC. YONSI II TANTS DATE SUBMITIAL 12/4/2075 ROJECT NAME STRATFORD SCHOOL **RAYNOR CAMPUS** 1500 Partridge Ave Sunnyvale, CA 94087 SHEET TITLE FLOOR PLANS -BUILDINGS 4-7 ROJECT NO. 14030 RAWN BY RAME CHECKED BY H WCCO2 / G WASNEY -(1) N A2.1

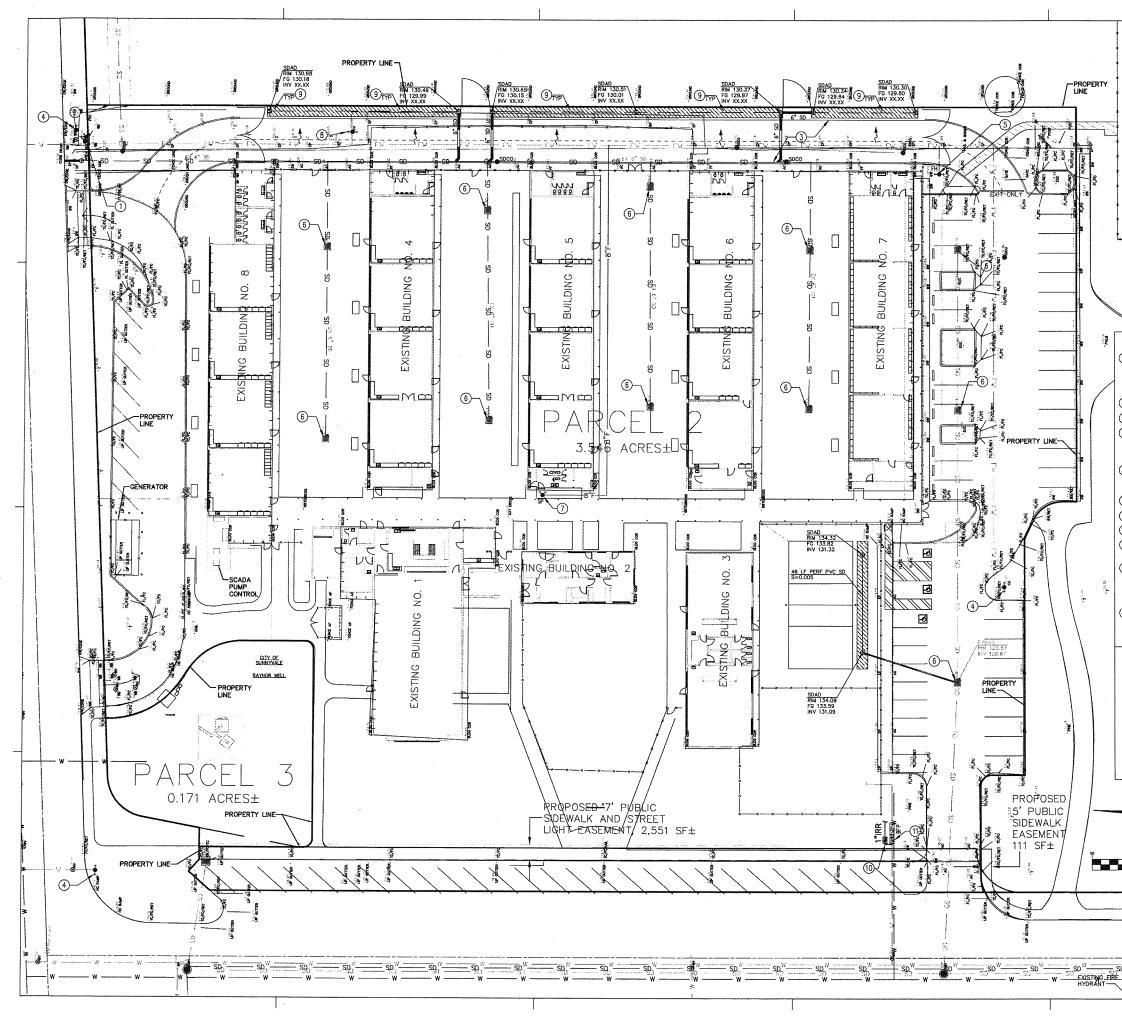


**\_\_\_\_** 

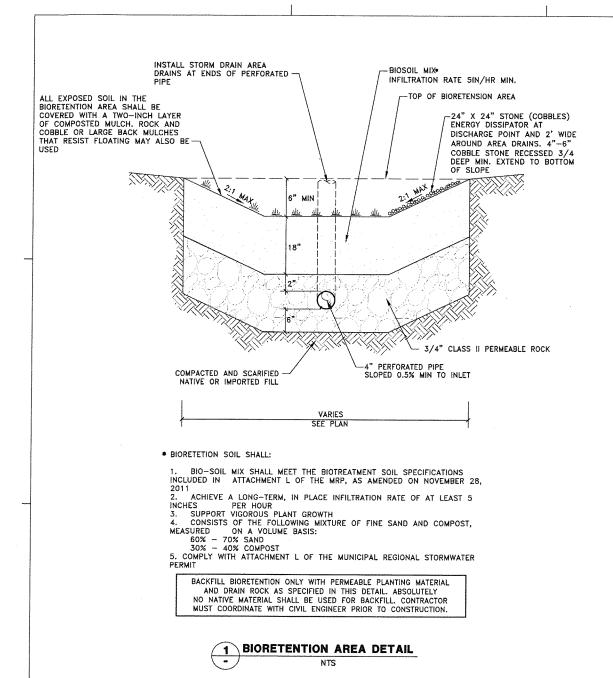
ATTACHMENT 8 PAGE 12 OF 2 CODY ANDERSON WASNEY KEY ARCHITECTS NEW WALL Cody Anderson Wasney Archilects. Inc. 455 Lambert Avenue - Palo Alto, CA 94309 6 5 0 . 3 2 8 . 1 8 1 8 - Fax 3 2 8 . 1 8 8 8 Comyani & 2010 by CODY ANDERSON WASNEY ANCHRECTS. INC. ONSULTANTS EVISION DATE BUBM TTAL 2/4/2015 ROJECT NAME STRATFORD SCHOOL **RAYNOR CAMPUS** 1500 Partridge Ave Sunnyvale, CA 94087 SHEET TITLE FLOOR PLANS -BUILDING 8 & PLUMBING CALCS ROJECT NO. 4030 ORAWN BY RAIL CHECKED BY HWOOD / C WASNEY A2.2 -(1) N

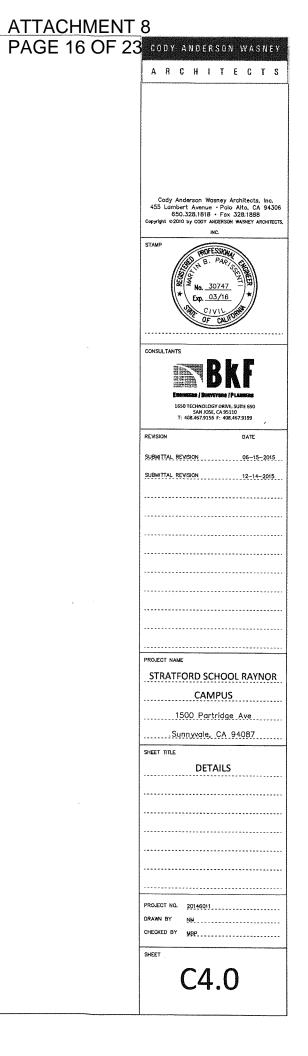


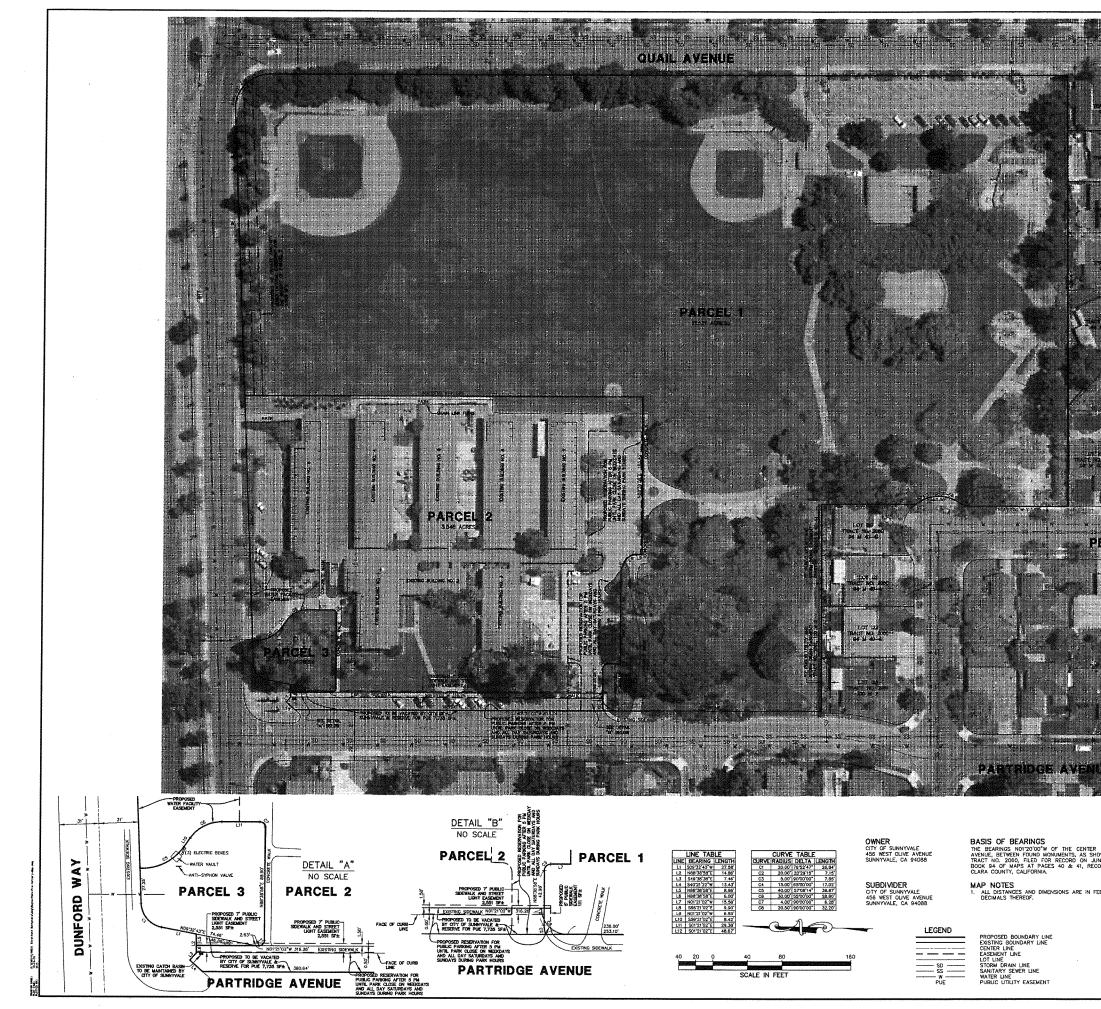




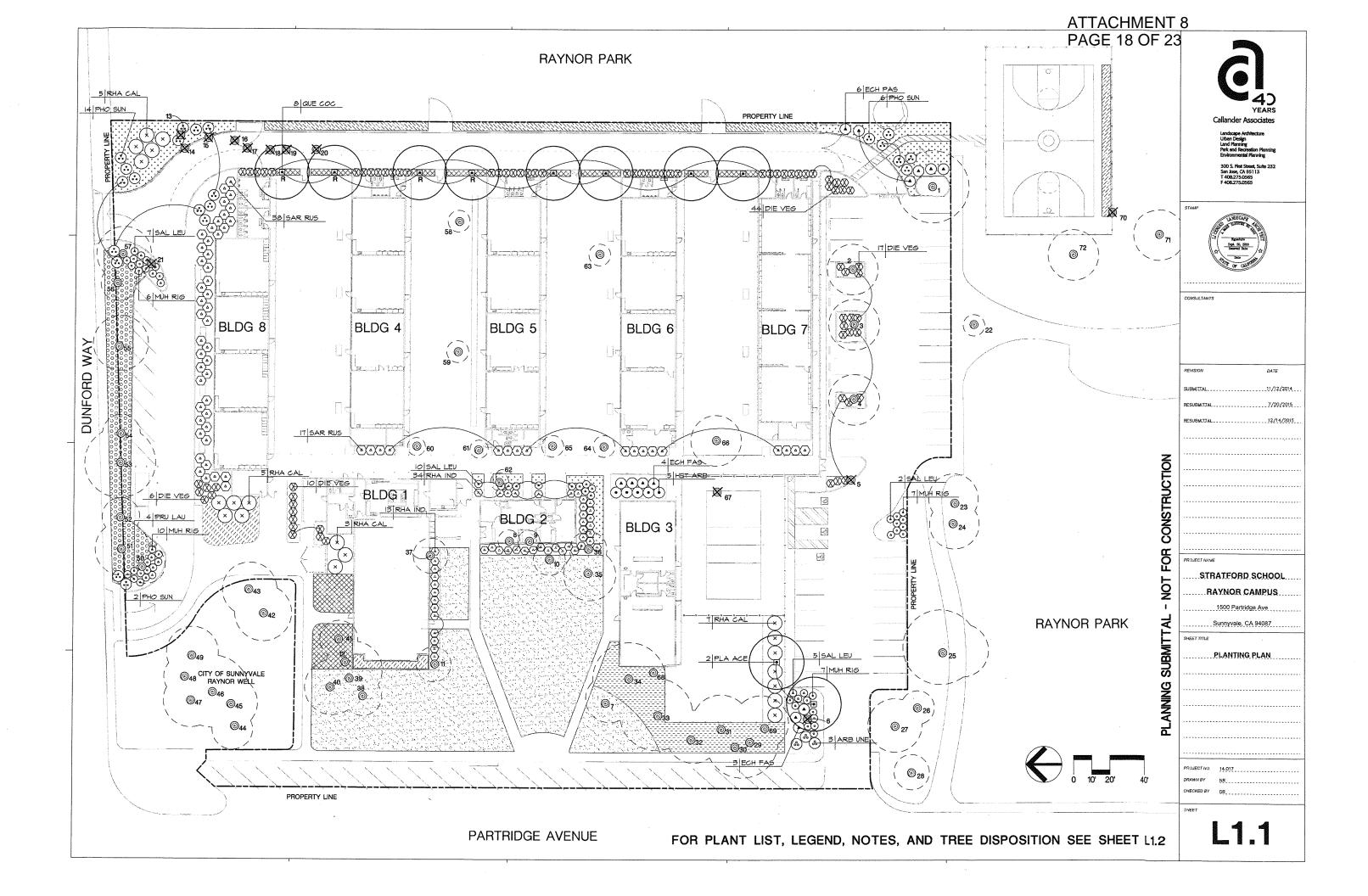
ATTACHMENT 8							
	CODY ANDERSON WASNEY						
	ARCHITECTS						
65 LF PERF PVC 5=0.005							
	Cody Anderson Wasney Architects, Inc.						
	455 Lambert Avenue · Palo Alto, CA 94306 650.328.1818 · Fax 328.1888 Copyright ©2010 by CODY ANDERSON WASNEY ARCHITECTS,						
	INC.						
SDA0 RM 130.35 F0 129.83 INV 127.33	ROFESSIONAL BUD B. PAR						
7 <u>727066</u> 79 122.13 897 122.13	No. 30747						
	* Exp. <u>03/16</u> *						
	OF CALIFORNIA						
KEYED NOTES:							
(1) REPLACE EXISTING FIRE DEPARTMENT CONNECTION (FDC), AND BACKFLOW PREVENTION DEVICE (BFP) IN VAULT WITH ABOVE GROUND RPDA BACKFLOW	<b>BKI</b>						
DEVICE AND FDC PER CITY OF SUNNYVALE STANDARDS.	EROMETER / SULVEYORS / PLEMERS 1650 TECHNOLOGY DRIVE, SUITE 650						
(2) EXISTING SANITARY SEWER EASEMENT	SAN JOSE, CA 95110 T: 408.467.9156 F: 408.467.9199						
<ul> <li>G FIRE ACCESS ROADWAY</li> <li>(4) UPGRADE EXISTING FIRE HYDRANT TO CLOW MODEL</li> </ul>	REVISION DATE						
75 FIRE HYDRANT PER CITY OF SUNNYVALE STANDARDS. ENSURE THAT FLOW MEETS MINIMUM CITY REQUIREMENTS	SUBMITTAL REVISION 06-15-2015						
<ul> <li>(5) INSTALL NEW CLOW MODEL 75 FIRE HYDRANT PER CITY OF SUNNYVALE STANDARDS. ENSURE THAT</li> </ul>	SUBMITTAL REVISION 12-14-2015						
CITY OF SUNNYVALE STANDARDS. ENSURE THAT FLOW MEETS MINIMUM CITY REQUIREMENTS							
<ul> <li>EXISTING STORM DRAIN STRUCTURE TO REMAIN</li> <li>INSTALL NEW STAND PIPE</li> </ul>							
(8) REMOVE EXISTING HYDRANT							
() INSTALL STORM WATER TREATMENT SWALE SEE SHEET C4.0 FOR DETAIL							
(1) INSTALL 1" IRRIGATION RADIO-READ WATER METER AND SERVICE PER CITY OF SUNNYVALE STANDARD							
DETAIL 4B. PROPOSED IRRIGATION SERVICE TO BRANCH OFF OF EXISTING DOMESTIC WATER LINE UPSTREAM OF EXISTING WATER METER.	· · · · · · · · · · · · · · · · · · ·						
(1) UPGRADE EXISTING WATER METER TO RADIO-READ							
WATER METER. UPGRADE EXISTING BACKFLOW PREVENTERS TO REDUCED PRESSURE BACKFLOW PREVENTERS.							
GENERAL NOTES:	PROJECT NAME						
1. A MANUAL AND AUTOMATIC FIRE ALARM SYSTEM	STRATFORD SCHOOL RAYNOR						
SHALL BE INSTALLED THROUGHOUT EVERY E OCCUPANCY AND IN ASSEMBLY AREAS WITHIN E OCCUPANCIES IN ACCORDANCE WITH CFC	CAMPUS						
907.2.3 2. SMOKE DETECTORS SHALL BE INSTALLED IN	1500 Partridge Ave Sunnyvale, CA 94087						
EVERY ROOM USED FOR SLEEPING OR NAPPING. HEAT DETECTORS SHALL BE INSTALLED WHERE REQUIRED IN ACCORDANCE WITH CFC 907.2.3.6	SHEET TIRE						
3. AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE	UTILITY PLAN						
WITH CFC 907.5.2.2							
GRAPHIC SCALE							
( IN FERT ) $1 in ch = 20 ft.$							
	PROJECT NO. 20146011 DRAWN BY NM						
	CHECKED BY MBP						
in the second	SHEET						
S0 <sup>1</sup> /2S50 <sup>1</sup> /2S50 <sup>1</sup> /2S0 <sup>1</sup> /2 <0 <sup>1</sup>	C3.0						
w w w w w w w w w w w w w	CJ.U						
\$							







	BKF	EN	GINE	ER
PAGE 17 OF 23	1650 TECHNOLOCY DRWE	SUITE 650 SAN JOSE, CA 95110	408-467-9100 408-467-9199 (FAX)	
GLOUCESTER COUR				Energieux   Sunyerons   Plumeux
				CALIFORNIA
	RELIMINARY MAP		VALE. CA 94087	
EACOCK AVE.	<b>RELIMINARY M</b>	RAYNOR PARK	AVENUE, SUNNY	SANTA CLARA COUNTY
	ВĞ		1500 PARTRIDGE	
			<b>4</b>	
UIE .				SUNNYVALE
LINE OF QUAL SURVEYOR'S STATEMENT THIS FRELIMINARY MAP WAS PREPARED BY ME OR UNDER MY DIRECTION, AT THE REQUEST OF JUY FONSECA OF THE GITY OF SUNNYVALE ON SEPTEMBER 20, 2012.	Revisions			
EET AND UCENSE EXPIRES 12-31-2013	VQ.			
DATED	0 Date: 08-10-2013		Drawn: JG Approved: DT	Job No: 2
	1	OF		1



## TREE DISPOSITION TABLE

Tree with 38-inches or greater trunk cicumference, measured 4.5 feet from the ground

- 18" - 24" diameter tree requires one 36" box or two 24" box replacement trees - Over 24" diameter tree requires one 48" box or two 36" box or four 24" box replacement trees

Protected trees approved for removal require replacement trees as follows - 12" - 18" diameter tree requires one 24" box or three 15-gallon replacement trees

	(IN)	(IN)	SPECIES	COMMON NAME*	PROTECTED**	DISPOSITION	REPLACEMENT***	REASON
1	24	75	Fraxinus oxycarpa 'Raywood'	Raywood Ash	Yes	Remain	1	
2	15	47	Fraxinus oxycarpa 'Raywood'	Raywood Ash	Yes	Remain		1_
3	23	72	Fraxinus oxycarpa 'Raywood'	Raywood Ash	Yes	Remain		
4	16	50	Fraxinus oxycarpa 'Raywood'	Raywood Ash	Yes	Remain		1
5	19	60	Fraxinus oxycarpa 'Raywood'	Raywood Ash	Yes	Remove	(2) 24" Box Trees	Conflict with Improvements
6	5	16	Araucaria heterophylla	Norfolk Island Pine	No	Remove		Poor condition
7	26	82	Juniperus chinensis 'Torulosa'	Hollywood Juniper	Yes	Remain		
8	37	116	Pinus spp.	Pine	Yes	Remain		
9	27	85	Juniperus chinensis 'Torulosa'	Hollywood Juniper	Yes	Remain		=
10	14	44	Líquidambar styracíflua	Sweetgum	Yes	Remain		
11	36	113	Juniperus chinensis 'Torulosa'	Hollywood Juniper	Yes	Remain		1
12	19	60	Juniperus chinensis 'Torulosa'	Hollywood Juniper	Yes	Remain		
13	5	16	Prunus cerasifera	Purple Leaf Plum	No	Remove	+	Canfilet with Improvements
14	8	25	Prunus cerasifera	Purple Leaf Plum	No			Conflict with Improvements
15	8	25	Prunus cerasifera	Purple Leaf Plum	No	Remove		Conflict with Improvements
16	12	38	Prunus cerasifera	Purple Leaf Plum	Yes	Remove	(1) 24" Box Tree	Conflict with Improvements
17	7	22	Prunus cerasifera	Purple Leaf Plum	No	Remove	(1) 24 Box free	Conflict with Improvements
18	6	19						Conflict with Improvements
19	4	13	Prunus cerasifera Prunus cerasifera	Purple Leaf Plum	No	Remove		Conflict with Improvements
20	5	13	Prunus cerasifera	Purple Leaf Plum	No	Remove	ł	Conflict with Improvements
20	8	25		Purple Leaf Plum	No	Remove	+	Conflict with improvements
21	11	35	Liquidambar styraciflua	Sweetgum	No	Remove	ł	Conflict with Improvements
23	11		Unknown species Ulmus spp.	Palm	No	Remain		****
23	22	60 69		Elm	Yes	Remain		
25	68	214	Ulmus spp.	Elm Montanu Dina	Yes	Remain	l	
			Pinus radiata	Monterey Pine	Yes	Remain		
26	5 15	19	Liquidambar styraciflua	Sweetgum	No	Remain		
27		47	Liquidambar styraciflua	Sweetgum	Yes	Remain		
28 29	15 47	47	Liquidambar styraciflua	Sweetgum	Yes	Remain	ļ	
			Sequoia sempervirens	Redwood	Yes	Remain		<u> -</u>
30	34	107	Sequola sempervirens	Redwood	Yes	Remain		
31	25	79	Sequoia sempervirens	Redwood	Yes	Remain	-	<u> -</u>
32	48	151	Sequoia sempervirens	Redwood	Yes	Remain		-
33	38	119	Sequoia sempervirens	Redwood	Yes	Remain		-
34	23	72	Magnolia spp.	Magnolia	Yes	Remain		
35	11	35	Liquidambar styraciflua	Sweetgum	No	Remain		
36	15	47	Liquidambar styraciflua	Sweetgum	Yes	Remain		
37	13	41	Unknown ornamental	Unknown ornamental	Yes	Remain		-
38	12	38	Liquidambar styraciflua	Sweetgum	Yes	Remain		3-mit
39	8	25	Liquidambar styracifiua	Sweetgum	No	Remain		—
40	13	41	Liquidambar styracifiua	Sweetgum	Yes	Remain		
41	9	28	Liquidambar styraciflua	Sweetgum	No	Remain		-
42	8		Lìquidambar styraciflua	Sweetgum	No	Remain		
43	14		Liquidambar styracifiua	Sweetgum	Yes	Remain		
44	37		Sequoia sempervirens	Redwood	Yes	Remain		um.
45	29		Sequoia sempervirens	Redwood	Yes	Remain		a-(14
46	37	116	Sequoia sempervirens	Redwood	Yes	Remain		175
47	43	135	Sequoia sempervirens	Redwood	Yes	Remain		
48	38	119	Seguoia sempervirens	Redwood	Yes	Remain		
49	40	126	Sequoia sempervirens	Redwood	Yes	Remain		-
50	8	25	Liquidambar styraciflua	Sweetgum	No	Remain		-
51	8	25	Liquidambar styraciflua	Sweetgum	No	Remain		
52	8	25	Liquidambar styraciflua	Sweetgum	No	Remain		
53	10		Liquidambar styraciflua	Sweetgum	No	Remain		
i4	10		Liquidambar styraciflua	Sweetgum	No	Remain		
55	10	31	Liquidambar styraciflua	Sweetgum		Remain		
56	10	31	Liquidambar styraciflua	Sweetgum		Remain		
57	7		Liquidambar styraciflua	Sweetgum		Remain		_
8	28		Unknown ornamental	Unknown ornamental		Remain		-
9	26		Unknown ornamental	Unknown ornamental		Remain		
60	27		Juniperus spp.	Juniper		Remain		
51	30		Unknown ornamental	Unknown ornamental		Remain		
52	18		Unknown ornamental	Unknown ornamental		Remain		
3	14		Unknown ornamental	Unknown ornamental		Remain		
4	16		Unknown ornamental	Unknown ornamental		Remain		
5	0		Juniperus spp.	Juniper				
6	69		Pinus spp.	Pine		Remain Remain		_
57	15		Casuarina cunninghamlana	River She-Oak			(1) 74" 90: 7	en filet with te
58	28					Remove	(1) 24" Box Tree	Conflict with Improvements
9	- 28		Juniperus spp.	Juniper		Remain		****
0	7		Magnolia spp. Prugus correifere	Magnolia Russia Leaf Dium		Remain		-
	14		Prunus cerasifera	Purple Leaf Plum		Remove		Conflict with Improvements
- +		44	Alnus spp.	Alder	Yes	Remain		
11	18		Fraxinus spp.	Ash	Yes	Remain		

PLANTING NOTES

HYDROZONES: PLANT MATERIALS WITH SIMILAR WATER NEEDS ARE GROUPED TOGETHER. 2. MULCH: A MINIMUM 3 INCH LAYER OF MULCH IS PROPOSED IN ALL PLANTING AREAS AND AREAS

PLANT LIST

- SHOWN AS MULCH ONLY. 3. <u>SOIL AMENDMENTS:</u> ALL PLANTING AREAS WILL HAVE THEIR SOILS AMENDED BASED ON
- RECOMMENDATIONS FROM A HORTICULTURAL TESTING LAB ANALYSIS OF SOIL SAMPLES TAKEN FROM THE SITE.
- 4. USABLE OPEN AREAS: PROJECT IS NOT SUBJECT TO USABLE OPEN AREAS REQUIREMENT BY VIRTUE OF THE SITE BEING ZONED AS P-F (PUBLIC FACILITIES).

PERIMETER LANDSCAPING: THE PROJECT PROVIDES A 15-FOOT WIDE LANDSCAPING STRIP ALONG THE FRONTAGES. THE SITE DOES NOT ABUT A RESIDENTIAL USE, THEREFORE BUFFER LANDSCAPING AND MASONRY WALL REQUIREMENTS DO NOT APPLY.

# 6. <u>GENERAL MAINTENANCE:</u> LANDSCAPING SHALL BE MAINTAINED IN COMPLIANCE WITH THE APPROVED LANDSCAPING PLAN, AND SHALL BE MAINTAINED IN A NEAT, CLEAN AND HEALTHFUL CONDITION, REMOVED LANDSCAPING SHALL BE REPLACED WITH SPECIMEN PLANTS TO MATCH THE APPROVED LANDSCAPING PLAN.

IREE PROTECTION: ALL TRENCHING WITHIN THE DRIPLINE OF EXISTING TREES TO REMAIN SHALL BE BY HAND, WITH CARE TAKEN NOT TO CUT OR DAMAGE ROOTS OVER I-INCH DIAMETER. TREES TO REMAIN SHALL BE FENCED AROUND DRIPLINE OF TREE WITH TEMPORARY FENCING, SUCH AS STEEL STAKES (MAX, 5 FEET O.C.) WITH WIRE MESH FABRIC (6X6 OPEN), CHAIN LINK, OR SIMILAR, HEIGHT TO BE 5 FEET MINIMUM.

#### B

	ABBREV/	ну на					•
	STMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	MATER US	Ē
	IREES						
	QUE COC	QUERCUS COCCINEA	SCARLET OAK	24" BOX	AS SHOWN	MODERAT	Ξ
	PLA ACE	PLATANUS ACERIFOLIA	LONDON PLANE	24" BOX	AS SHOWN	MODERAT	Ξ
	SHRUBS						
٩	ARB UNE	ARBUTUS UNEDO 'COMPACTA'	DWARF STRAWBERRY TREE	15 GALLON	6'-0" O.C.	LOW	
$\otimes$	DIE VEG	DIETES VEGETA	FORTNIGHT LILY	5 GALLON	4'-0" 0.C.	LOW	
$   \mathbf{O} $	ECH FAS	ECHIUM FASTUOSUM	PRIDE OF MADERIA	5 GALLON	6'-0" O.C.	LOW	
$\odot$	HET ARB	HETEROMELES ARBUTIFOLIA	TOYON	5 GALLON	6'-0" O.C.	LOW	
$\odot$	PHO SUN	PHORMIUM 'SUNDOWNER'	SUNDOWNER FLAX	5 GALLON	6'-0" O.C.	LOW	
×	RHA CAL	RHAMMNUS CALIFORNICA 'EVE CASE'	CALIFORNIA COFFEBERRY	5 GALLON	8'-0" 0.C.	LOW	
٢	RHA IND	RHAPHIOLEPIS INDICA 'BALLERINA'	BALLERINA INDIAN HAWTHORN	5 GALLON	4'-0" 0.C.	LOW	
٢	SAL LEU	SALVIA LEUCANTHA	MEXICAN SAGE	5 GALLON	4'-0" O.C.	LOW	
	SAR RUS	SARCOCOCCA RUSCIFOLIA	FRAGRANT SWEET BOX	5 GALLON	5'-0" 0.C.	LOW	
	<u>GRASSES</u>						
$\odot$	MUH RIG	MUHLENBERGIA RIGENS	DEER GRASS	5 GALLON	4'-0" 0.C.	LOW	
	GROUNDCO	VERS					
		CISTUS SALVIFOLIUS	SAGELEAF ROCKROSE	I GALLON	6°-0° 0.C.	LOW	
		COPROSMA PETRIEI 'VERDE VISTA'	CREEPING COPROSMA	I GALLON	4'-0° 0.C.	LOW	
		ROSMARINUS OFFICIANALIS 'HUNTINGTON CARPET'	ROSEMARY	I GALLON	4'-0" O.C.	LOW	
		CEANOTHUS GRISEUS HORIZONTALIS 'YANKEE POINT'	YANKEE POINT CEANOTHUS	5 GALLON	8'-0" O.C.	LOW NOILOI RESNOC	5
	BIO-TREAT	MENT AREAS				5	>
	<u>UIIII</u>	CHONDROPETALUM TECTORUM	CAPE RUSH	I GALLON	3'-0" 0.C.		2
	<u></u>	JUNCUS PATENS	BLUE RUSH	I GALLON	3'-0" 0.C.	LOW V	2
		MUHLENBERGIA RIGENS	DEER GRASS	GALLON	4'-0" 0.C.	LOW C	) )
		CAREX DIVULSA	BERKLEY SEDGE	GALLON	2'-0" 0.C.		ś
		MIMULUS AURANTIACUS	STICKY MONKEYFLOWER	5 GALLON	3'-0" 0.C.		
		SALVIA CLEVELANDII	CLEVELAND SAGE	5 GALLON	3'-0" 0.C.	LOW C	)
						1044	-

## REQUIRED LANDSCAPE AREA

REQUIRED LANDSCAPE AREA	×	20% X TOTAL SITE AREA
		0.20 × 158,429 SF
	1	31,686 SF
PROPOSED LANDSCAPE AREA	=	33,420 SF

### **REQUIRED TREES** BASED ON LANDSCAPE AREA

REQUIRED LANDSCAPE AREA = 31,686 SF	
ONE TREE PER 1000 SF OF REQUIRED LANDSCAPE AREA = 32 REQUIRED 1	REES
EXISTING TREES TO REMAIN = 60 TREES	
PROPOSED TREES = 10 TREES	
TOTAL TREES IN LANDSCAPE AREA = 70 TREES	

PROPOSED TURF PERCENTAGE

PROPOSED LANDSCAPE AREA		33,420 SF
TOTAL PROPOSED TURF AREA		0 SF
PROPOSED TURF AS PERCENTAGE OF LANDSCAPE AREA	z	0%

# WATER USE IN NON-TURF AREAS

production and a second s		2 A A
NON-TURF LANDSCAPE AREA	=	21,11
LOW WATER USE PLANTS AREA	=	21,0
PERCENTAGE OF LOW WATER USE PLANTS IN NON-TURF LANDSCAPE AREA	=	999

## PLANT LEGEND

 $\bigotimes$ 

•R

0 EXISTING TREE TO REMAIN

EXISTING TREE TO BE REMOVED

TREE, 24" BOX SIZE

REPLACEMENT TREE FOR REMOVAL OF PROTECTED TREE. SEE TREE DISPOSITION TABLE FOR PROTECTED TREES.

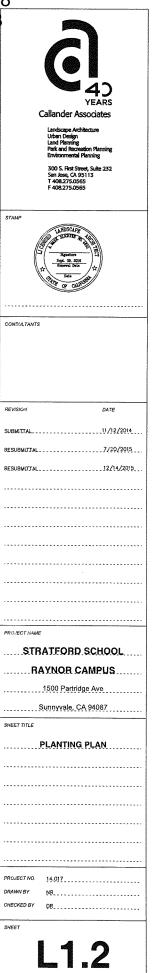
MULCH ONLY

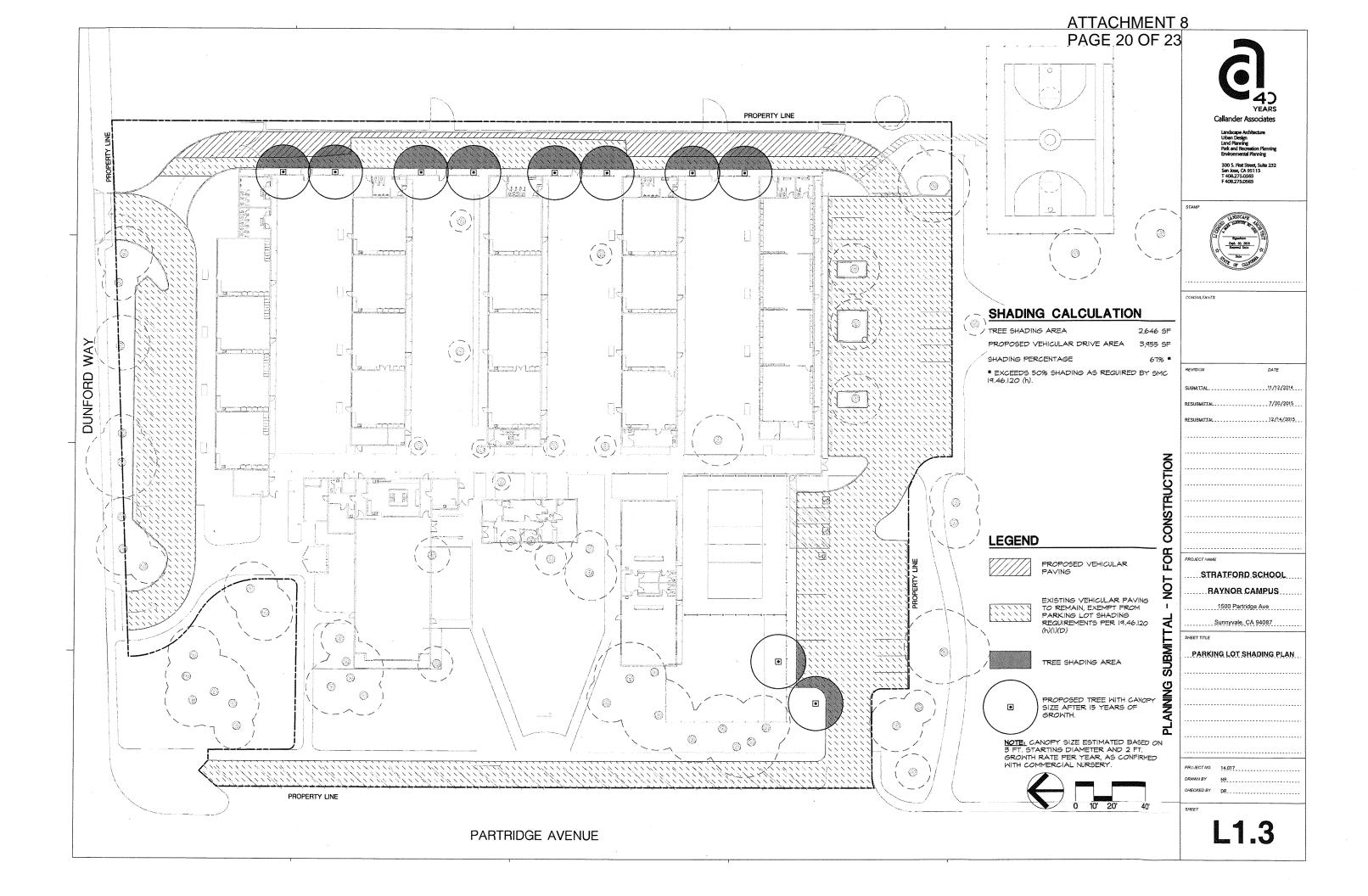
EXISTING TURF TO REMAIN

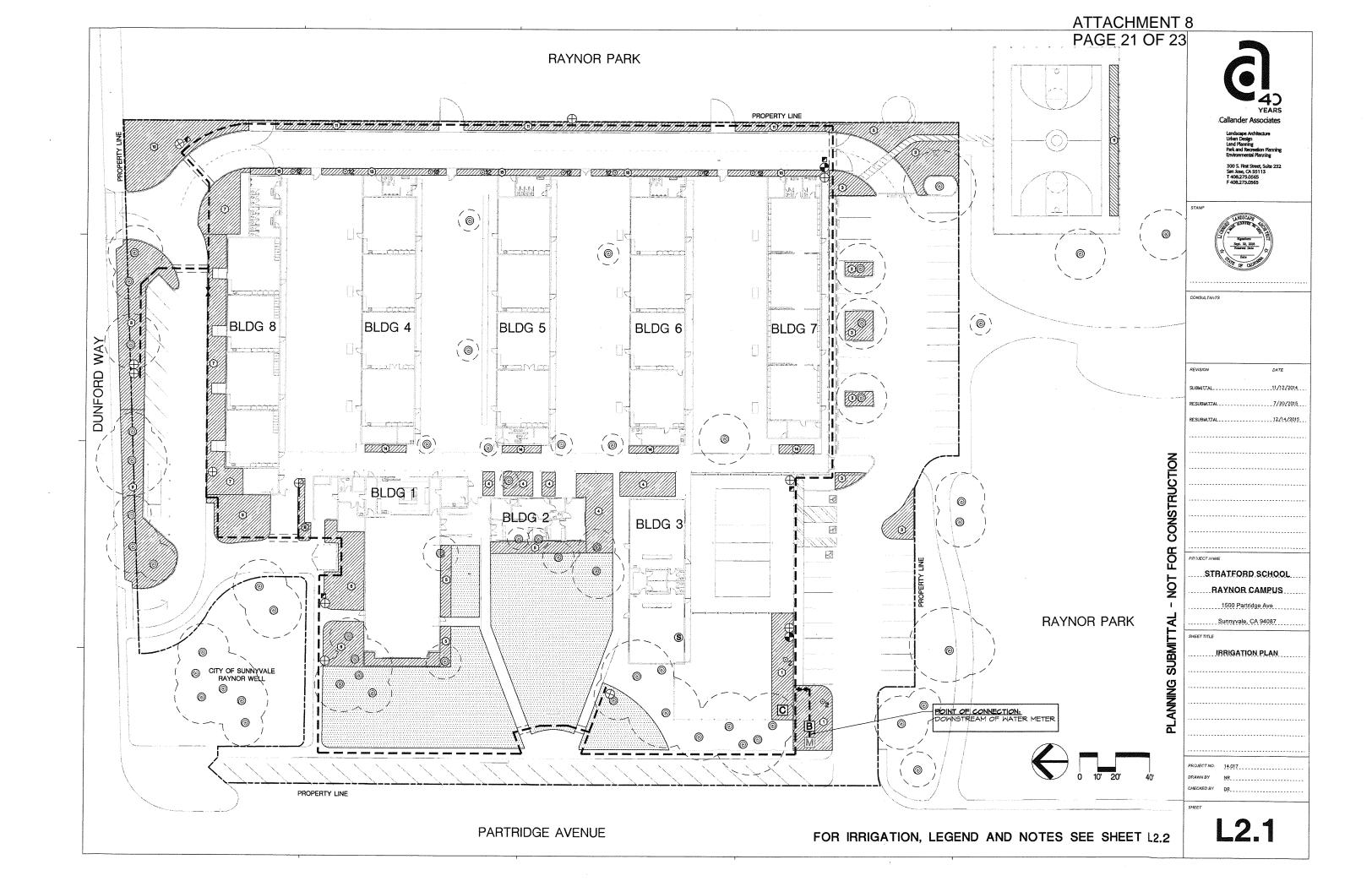
# **ATTACHMENT 8** PAGE 19 OF 23

IO SF
070 SF
Q2

7 1 R SUBMITT **PLANNING** 







### **IRRIGATION NOTES**

- 1. UTILITIES: VERIFY LOCATION OF ALL ON-SITE UTILITIES. RESTORATION OF DAMAGED UTILITIES SHALL BE MADE AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- 2. SCHEMATIC: SYSTEM FEATURES ARE SHOWN SCHEMATICALLY FOR GRAPHIC CLARITY. INSTALL ALL PIPING AND VALVES IN COMMON TRENCHES WHERE FEASIBLE AND INSIDE PLANTING AREAS WHENEVER POSSIBLE. ALL VALVES SHALL BE LOCATED IN GROUNDCOVER OR SHRUB AREAS WHENEVER POSSIBLE.
- 3. CODES. IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND MANUFACTURER'S SPECIFICATIONS. NOTIFY OWNER'S REPRESENTATIVE BY TELEPHONE AND IN WRITING OF ANY CONFLICTS PRIOR TO INSTALLATION.
- 4. BACKFLOW ASSEMBLY: CONTRACTOR SHALL CONNECT THE BACKFLOW ASSEMBLY WITH THE WATER METER USING 1-1/2" COPPER TYPE K LINE BURIED A 1 NIMUM OF 18 INCHES
- 5. BACKFLOW DEVICES, LOCATE ALL BACKFLOW DEVICES IN SHRUB OR GROUNDCOVER AREAS. DEVICES SHALL BE LOCATED WITHIN SHRUB PLANTING AREAS AND IN AN INCONSPICUOUS LOCATION APPROVED PRIOR TO INSTALLATION BY THE OWNER'S REPRESENTATIVE.
- 6. SLEEVING: ADEQUATELY SIZE ALL SLEEVES SHOWN ON PLAN. SLEEVES SHALL BE INSTALLED AT THE NECESSARY DEPTHS PRIOR TO PAVEMENT CONSTRUCTION. SLEEVING SHALL EXTEND I'-O" FROM EDGE OF PAVING INTO LAWN OR PLANTING AREA, AND SHALL HAVE ENDS CLEARLY MARKED ABOVE GRADE
- 7. QUICK COUPLING VALVES: INSTALL ON TRIPLE SWING JOINT. LOCATE 12 INCHES AWAY FROM EDGE OF WALKS, WALLS, CURBS, AND HEADERBOARDS WITHIN PLANTING AREAS. PROVIDE OWNER WITH ONE OPERATING KEY, TWO SETS OF LOCKING COVER KEYS, AND ONE SWIVEL HOSE ELL.
- 8. CONTROLLER. INSTALL CONTROLLER 4'-O" ABOVE FLOOR OR FINISHED GRADE (WHERE APPLICABLE) AND FASTEN SECURELY TO WALL. ALL ABOVE-GRADE CONDUIT EITHER 24V. OR HOV. SHALL BE RIGID STEEL AND SECURELY FASTENED TO STRUCTURE AND TO CONTROLLER.
- 9. MAINLINE BREAK: SHOULD THE EXISTING MAINLINE BREAK OR BE SHUT OFF FOR ANY REASON DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR SHALL HAND WATER ALL TREES, SHRUBS, TURF, AND GROUNDCOVER THAT THE EXISTING IRRIGATION SYSTEM WATERS. CONTINUE TO DO SO UNTIL THE IRRIGATION SYSTEM IS OPERABLE.
- 10. IRRIGATION AUDIT: PRIOR TO APPROVAL OF OCCUPANCY BY A BUILDING OFFICIAL, A LANDSCAPING IRRIGATION AUDIT SHALL BE CONDUCTED AND AN IRRIGATION AUDIT REPORT SHALL BE SUBMITTED. THE LANDSCAPING IRRIGATION AUDIT SHALL BE CONDUCTED AND THE REPORT SHALL BE PREPARED BY A CERTIFIED PROFESSIONAL. THE IRRIGATION AUDIT REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO: INSPECTION, SYSTEM TURE-UP, SYSTEM TEST WITH DISTRIBUTION UNIFORMITY, CORRECTION OF ANY OVERSPRAY OR RUNOFF THAT CAUSES OVERLAND FLOW, AND PREPARATION OF AN IRRIGATION SCHEDULE.
- II. IRRIGATION SCHEDULE, PRIOR TO THE FINAL INSPECTION BY THE BUILDING OFFICIAL, A REGULAR MAINTENANCE SCHEDULE SHALL BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL. THE MAINTENANCE SCHEDULE SHALL INCLUDE, BUT NOT BE LIMITED TO, ROUTINE INSPECTION; ADJUSTMENT AND REPAIR OF THE IRRIGATION SYSTEM AND ITS COMPONENTS; AERATING AND DETHATCHING TURE AREAS; REPLENISHING MULCH; FERTILIZING; PRUNING; WEEDING IN ALL LANDSCAPED AREAS; AND REMOVING OBSTRUCTIONS TO IRRIGATION SPRAY HEADS OR OTHER EMISSION DEVICES. LANDSCAPING SHALL BE MAINTAINED IN ACCORDANCE WITH THE APPROVED MAINTENANCE SCHEDULE. IRRIGATION MUST BE SCHEDULED BETWEEN & P.M. AND IO A.M.
- 12. RAYNOR PARK IRRIGATION SYSTEM: RAYNOR PARK IRRIGATION SYSTEM TO REMAIN SEPARATE FROM SCHOOL IRRIGATION SYSTEM. ADJUST EXISTING RAYNOR PARK IRRIGATION AS NECESSARY TO PROVIDE FULL COVERAGE FOR EXISTING LAWN TO REMAIN.

Nate

Plant Factor

(PF)

Hydrozone or Vaive #	Plant Water Use*	irrigation Method**	Hydrozone Area (HA) (Sq. Ft.)	% of Landscape Area	Hydrozone or Valve #	Plant V Use
1	LW	D	1,476	7.8%	1	LV
2	MW	D	8	0.0%	2	MV
3	LW	D	2,466	13.0%	3	LV
4	LW	D	1,530	8.1%	4	LW
5	LW	D	928	4.9%	5	LW
6	LW	D	2,404	12.7%	6	LW
7	LW	D	2,148	11.3%	7	LW
8	LW	D	1,650	8.7%	8	LW
9	LW	D	1,598	8.4%	9	LW
10	LW	D	1,502	7.9%	10	LW
11	LW	D	1,809	9.5%	11	LW
12	MW	D	32	0.2%	12	MM
13	LW	D	1,039	5.5%	13	LW
14	LW	D	378	2.0%	14	LW
otals			18,968	100%	Totals	

#### WATER BUDGET CACULATIONS

Plant Water Use

VL = Very Low Water Use Plants IW ≃ Low Water Use Plants MW = Moderate Water Use Plants HW = High Water Use Plants

ONS KEY		PLANT FACTORS (PF) BASED ON WUCOLS			
** Irrigation Method	Plant Type	Plant Fa	ctor		
OS = Overhead Spray	Very Low Water Use Plants	0.1	(0.0-0.1)		
D = Drip	Low Water Use Plants	0.2	(0.2-0.3)		
	Moderate Water Use Plants	0.5	(0.4-0.6)		
	High Water Use Plants	0.8	(0.7 ~ 1.0)		

	IRRIGATION EFFICIENCY (IE) OF IRRIGATION TYPES		
Irrigation Type	Irrigation Efficiency		
Overhead Spray	0.75		
Drip	0.81		

HYDROZONE TABLE FOR CALCULATING ETWU Hydrozoi Area (HA) (Sq. Ft.)

> 1.47 2 466

2,404 2,148 1,650

1,598 1.809

1.03

18,968

Irrigation Method\*\*

0.81

0.81

		DEFINITIONS	
6	To	Reference provided in Appendix A - CIMIS	
	A	Landscaped area including SLA (square feet)	
	LA	Special landscaped area WITHIN the landsca	ped area
364 P	F	Plant water use factor (from WUCLOS)	
	A	Hydrozone area = Irrigated area in square fee	et
609 IE		Irrigation efficiency (must exceed 0.71)	
378			
229	M/	XIMUM APPLIED WATER ALLOWANCE	MAWA)
594 E	То	52.2	
530 L	A	18,968	
407 S	LA	0	
395 N	1AWA =	(ETo) (0.62) [(0.45 x LA) + (1.0 x SLA)]	
371 N	iawa =	(52.2) (0.62) [(0.45 x 18,968) + (1.0 x 0)]	
447 N	IAWA ≈	276,246 Gallons Per Year	
20			
257		ESTIMATED TOTAL WATER USE (ETW	(U)
	То		52.2
4,698	PF x HA)/IE	(see Hydrozone Table for Calculating ETWU)	4.698
	LA		0
E	TWU =	(ETo x 0.62) [((PF x HA) / IE) + SLA]	
	TWU =	(52.2 x 0.62) [4698 + 0]	
	TWU =	152,055 Gallons Per Year	

## **IRRIGATION LEGEND**

	DRIP IRRIGATION, TORO DL2000 SERIES P FLOW, 18 INCH EMITTER SPACING, 18 INCH EN INSTALL ON-GRADE AND COVER WITH MULC
	EXISTING TURF IRRIGATION TO REMAIN. NOT CALCULATIONS.
°2_	TREE BUBBLER, TORO FB-50-PC, EACH SYM HYDROZONE / VALVE NUMBER, FOR TREE B
Ð	REMOTE CONTROL VALVE, IRRITROL, 100 SI
$\oplus$	DRIP REMOTE CONTROL ZONE KIT, IRRITRO
C	CONTROLLER, IRRITROL, #MCI8-PLUS, WALL
В	BACKFLOW PREVENTER, FEBCO, 825Y, 1-1/2
M	WATER METER, PER CIVIL PLANS
	MAINLINE, SCHEDULE 40, 1-1/4" SIZE, 24" MIN
	SLEEVE, SCH 40 PVC, SIZE AS REQUIRED
	QUICK COUPLING VALVE, TORO, 473-23
►	GATE VALVE, NIBCO, CLASS 125, T-113, LINE
\$	WEATHER SENSOR, IRRITROL CL-100-WIREL

3 HYDROZONE / VALVE NUMBER, FOR AREA IRRIGATION

# **ATTACHMENT 8** PAGE 22 OF 23

PC DRIPLINE, 0.5 GPH EMITTER EMITTER LINE SPACING. CH

T INCLUDED IN WATER BUDGET

MBOL REPRESENTS 2 BUBBLERS PER TREE BUBBLER SERIES I" SIZE

0L, 700DK-1-MF, 1" SIZE

MOUNT

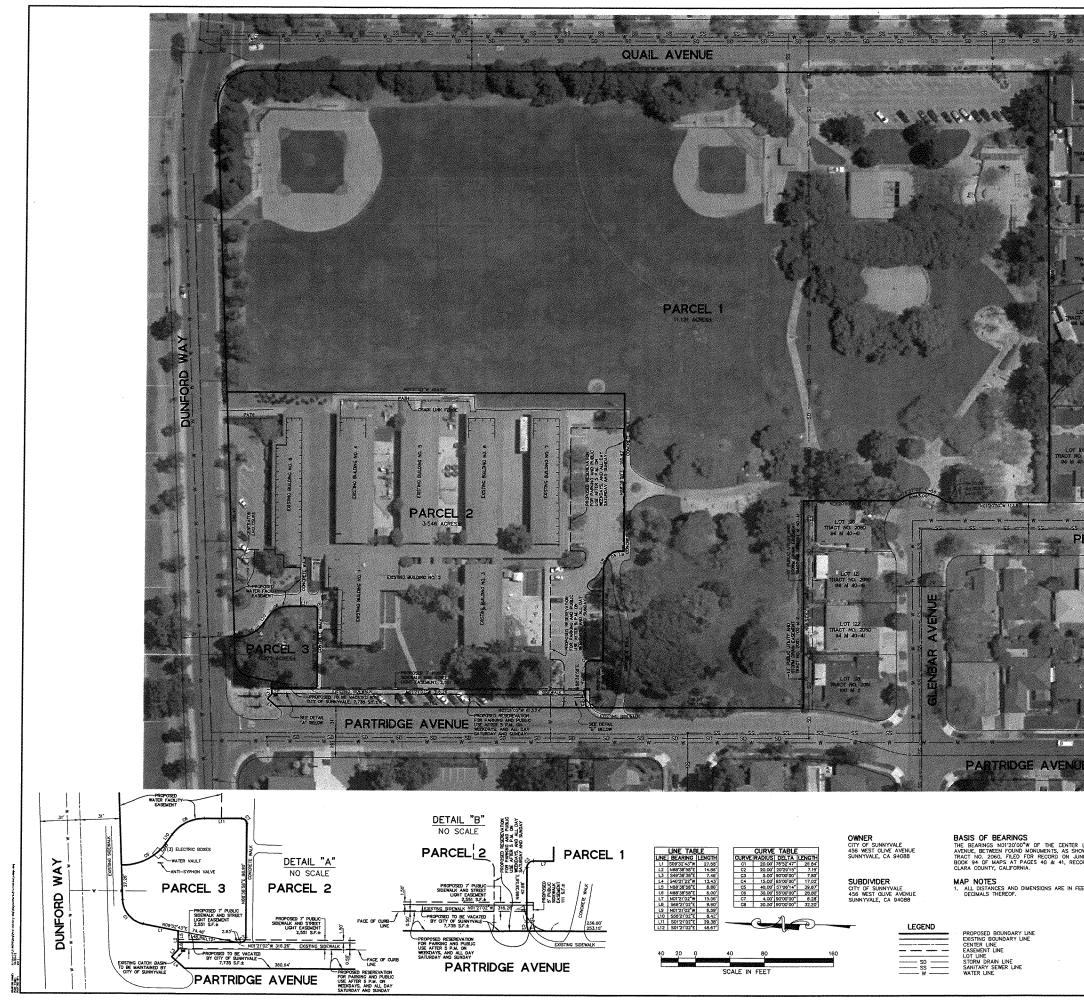
2" SIZE

IN. BURIAL

SIZE: INSTALL IN VALVE BOX LESS, MOUNT ON BUILDING ROOF

> CONSTRUCTION FOR Not I. A BMIT ಸ **ANNING** 1





ATTACHMENT 8	Ø BKF ENGINEERS
PAGE 23 OF 23	1650 TEGHNULOOF DRIVE 1650 TEGHNULOOF DRIVE 2010 0520 04 3311 0 2010 - 467 - 9190 2010 - 467 - 9190
	<b>BKF</b> Tenens (summer
	CALIFORNIA
	PRELIMINARY MAP RAYNOR PARK 1500 PARTRIDGE AVENUE, SUNNYVALE, CA 94087 SANTA CLARA COUNTY
DE	SUNNYVALE
SURVEYOR'S STATEMENT SHOWN ON MAP OF JUNE 20, 1955 IN ECORDS OF SANTA FEET AND STATE DATED SURVEYOR'S STATEMENT THIS PRELIMINARY MAP MAS PREPARED BY ME OR UNDER MY OF SUNNTYALE ON SEPTEMBER 10, 2012. JOHN KOROYAN, IP.LS. NO. BRE3 JOHN KOROYAN, IP.LS. NO. BRE3 LICENSE EXPIRES 12-31-2013 OCTOBER 23, 2012 OATED	Deter (10-22-2012) No. Revelores Super l'e adres Revelores Desert l'e adr