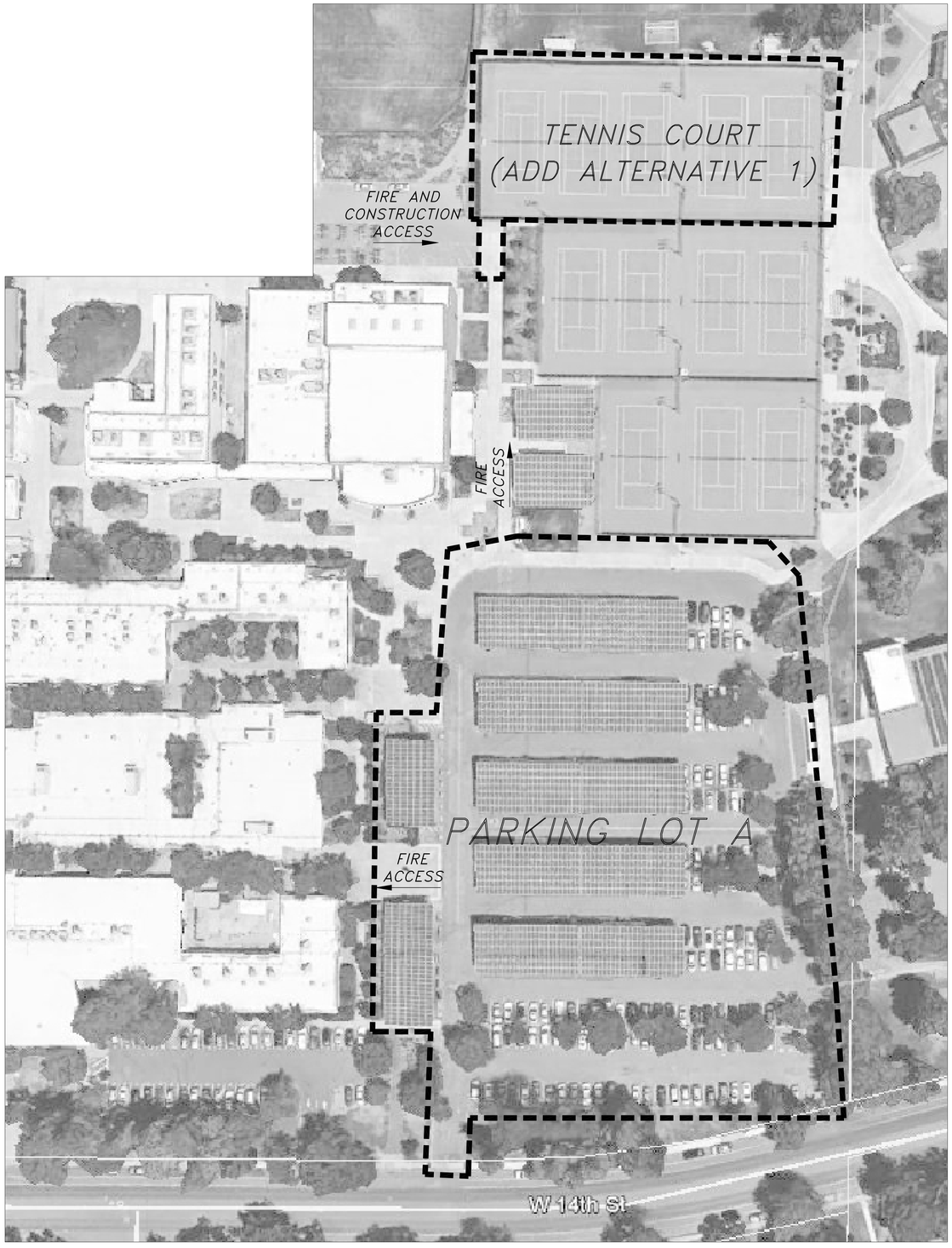
PARKING LOT IMPROVEMENT PLANS
FOR
DAVIS SENIOR HIGH SCHOOL

CITY OF DAVIS — YOLO COUNTY, CA

VICINITY MAP



SCALE: 1"=40'

APPLICABLE CODES

TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS
TITLE 24 CCR, PART 1 – 2013 BUILDING STANDARDS ADMINISTRATIVE CODE
TITLE 24 CCR, PART 2 – 2013 CALIFORNIA BUILDING CODE, VOL. 1 & 2 (CBC) CA AMENDED
TITLE 24 CCR, PART 3 – 2013 CALIFORNIA ELECTRICAL CODE (CEC) CA AMENDED
TITLE 24 CCR, PART 4 – 2013 CALIFORNIA MECHANICAL CODE (CMC) CA AMENDED
TITLE 24 CCR, PART 5 – 2013 CALIFORNIA PLUMBING CODE (CPC) CA AMENDED
TITLE 24 CCR, PART 6 – 2013 CALIFORNIA ENERGY CODE
TITLE 24 CCR, PART 9 – 2013 CALIFORNIA FIRE CODE (CFC) CA AMENDED
TITLE 24 CCR, PART 12 – 2013 CALIFORNIA REFERENCED STANDARDS

PARTIAL LIST – SEE CBC CH. 35 AND CFC CH. 45
2013 NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)
2013 NFPA 14, INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
2013 NFPA 17, DRY CHEMICAL EXTINGUISHING SYSTEMS
2013 NFPA 17A, WET CHEMICAL EXTINGUISHING SYSTEMS
2013 NFPA 20, INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
2013 NFPA 22, WATER TANKS FOR PRIVATE FIRE PROTECTION
2013 NFPA 24, INSTALLATION OF PRIVATE FIRE SERVICE MAINS
2013 NFPA 25, INSPECTION, TESTING, MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS (CA AMENDED)
2013 NFPA 72, NATIONAL FIRE ALARM CODE (CA AMENDED); SEE UL STD 1971 FOR "VISUAL DEVICES"
2012 ICC 300, BLEACHERS, FOLDING AND TELESCOPE SEATING, AND GRANDSTANDS (ICC/ANSI 300-2002)

LEGEND

PROPOSED	EXISTING	
12"SD	12"SD	STORM DRAIN AND MANHOLE
6"SS	6"SS	SANITARY SEWER AND MANHOLE
8"SFM		SANITARY SEWER FORCE MAIN
		SEWER PUMP STATION
		FIRE HYDRANT AND VALVE ASSEMBLY
10"W	10"W	WATER MAIN, VALVE, & BLOWOFF VALVE
JT	JT	JOINT UTILITY TRENCH
2"GAS	GAS	GAS MAIN
2"E	(OH)E	ELECTRICAL LINE (UG–UNDERGROUND, OH–OVERHEAD)
2"TEL	(OH)T	TELEPHONE LINE (UG–UNDERGROUND, OH–OVERHEAD)
SL	SL	STREET LIGHT CONDUIT, WIRING & PULL BOX
SL E2	SL	STREET LIGHT SERVICE POINT AT UTILITY CO. BOX
		STREET LIGHT AND POLE
		UTILITY POLE WITH DOWN GUY & ANCHOR
PP,TP,JP	PP,TP,JP	POWER POLE, TELEPHONE POLE, JOINT POLE
X X	X X	FENCE
		VERTICAL CURB, GUTTER & SIDEWALK WITH DRIVEWAY
		CATCH BASIN OR DRAINAGE INLET
		FLOWLINE OF DITCH OR SWALE
		DIRECTION OF SURFACE DRAINAGE FLOW
		CUT OR FILL SLOPE
		RIGHT OF WAY OR PROPERTY LINE
		STREET CENTERLINE OR BASELINE
		SURVEY MONUMENT
		SIGN
		TREE
		TREE TO BE REMOVED
58.60 FG		EXISTING GROUND SURFACE ELEVATION
58.60 FL		EDGE OF PAVEMENT AND ELEVATION
59.0 TC 58.60 AC		FLOW LINE GRADE
58.60 FG		TOP OF CURB GRADE/ASPHALT GRADE
60.50± TC 60.00± FL 60.50± EC 60.50± AC 60.50± BEW		FINISHED CONCRETE GRADE
		MATCH EXISTING GRADE (FIELD VERIFY)
		PUBLIC UTILITY EASEMENT
		ROLL CURB, GUTTER, & SIDEWALK

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GEOTECHNICAL REPORT

PARKING LOT: "PAVEMENT TESTING & ANALYSIS REPORT", JOB NO. 15132, DATED OCTOBER 2, 2015, BY ASSOCIATED ENGINEERING CONSULTANTS, INC., 20179 CHARLENE DRIVE, REDDING, CA 96002, PHONE: (530) 226-1616

TENNIS COURTS: "PAVEMENT DESIGN RECOMMENDATIONS FOR DAVIS HIGH SCHOOL TENNIS COURTS", JOB NO. 4900.03, DATED NOVEMBER 20, 2003, BY WALLACE KUHL & ASSOCIATES, INC., 3050 INDUSTRIAL BOULEVARD, WEST SACRAMENTO, CA 95691, PHONE: (916) 372-1434

BENCH MARK

DESIGNATION – RWF1

PID – DK4487

DESCRIPTION:
THE STATION IS LOCATED ABOUT 2.5 MI (4.0 KM) NORTH OF DAVIS AND IS SET IN THE HEADWALL OF A DRAINAGE CANAL.
TO REACH THE STATION FROM THE INTERSECTION OF STATE HIGHWAY 113 AND YOLO COUNTY ROAD 29, GO EAST ON ROAD 29 FOR 0.8 MI (1.3 KM) TO A SIDE ROAD RIGHT, ROAD 101A. TURN RIGHT AND GO SOUTHEAST ON ROAD 101A FOR ABOUT 0.3 MI (0.5 KM) TO THE STATION ON THE RIGHT.
THE STATION IS A 2 IN ALUMINUM DISK SET IN THE TOP OF THE SOUTH END OF A CONCRETE HEADWALL ON THE WEST SIDE OF ROAD 101A, THE NORTH EXTENSION OF F STREET IN DAVIS. IT IS 47 FT (14.3 M) WEST OF THE CENTERLINE OF THE ROAD, 3.5 FT (1.1 M) NORTHEAST OF A 5 IN STEEL CABLE GATE POST AND 0.8 FT (0.2 M) NORTH OF THE SOUTH END OF THE HEADWALL.

ELEVATION = 48.1

DATUM: NAVD 88

REV.	DATE	DESCRIPTION	BY	APP'D.

DJUSD DAVIS JOINT UNIFIED SCHOOL DISTRICT

REGISTERED PROFESSIONAL ENGINEER BRYAN P. BONINO No. 41804 CIVIL STATE OF CALIFORNIA

LM LAUGENOUR AND MEIKLE
CIVIL ENGINEERING · LAND SURVEYING · PLANNING
ROAD MAP · TRANSPORTATION PLANNING · SUSTAINABILITY
P.O. BOX 828, WOODLAND, CALIFORNIA 95776 FAX: (530) 662-4602

BY Bryan P. Bonino
BRYAN P. BONINO P.E. 41804
DATE 02-18-16

TITLE SHEET
PARKING LOT IMPROVEMENT PLANS
DAVIS SENIOR HIGH SCHOOL
YOLO COUNTY, CALIFORNIA
CITY OF DAVIS

JOB NO.	1019-2
DESIGNED	PF
DRAWN	MP
FILE	
CHECKED	BPB
DATE	02-18-16
SCALE	1"=40'

SHEET 1 OF 14

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