ABBREVIATIONS

SYM	ABBREVIATION	DESCRIPTION
	AB	AGGREGATE BASE
	ABC	ACRYLONITRILE BUTADIENE STYRENE
	AC.	ACRES
	AC	ASPHALT CONCRETE PAVEMENT
	ADA	AMERICANS WITH DISABILITIES ACT
	ALUM	ALUMINUM
	AP	ANGLE POINT
	ASS'Y	ASSEMBLY
	ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
	AVE	AVENUE
	BC	BEGIN CURVE
	BLVD	BOULEVARD
	BM	BENCH MARK
	BON	BASE OF NICHE
	BOW	BOTTOM OF WALL
	BV	BUTTERFLY VALVE
	BVC	BEGIN VERTICAL CURVE
	B/W	BOTH WAYS
	BW	BACK OF WALK
	C	CURB
	CIP	CAST IN PLACE
	CLR	CLEAR
	CL	CLASS, CENTERLINE
	CM	CENTIMETER
	CMP	CORRUGATED METAL PIPE
	CMU	CONCRETE MASONRY UNIT
	CO	CLEAN OUT
	CONC	CONCRETE
	CONST	CONSTRUCT
	CONT	CONTINUOUS
	COR	CONTRACTING OFFICER'S REPRESENTATIVE
	CR(L) OR (R)	CURB RETURN (LEFT) OR (RIGHT)
	CY	CUBIC YARD
	DI	DRAINAGE INLET
	D.I.	DUCTILE IRON
	DIA	DIAMETER
	DR	DRIVE
	DTL	DETAIL
	DWG	DRAWING
	DWY	DRIVEWAY
	E	EAST OR EASTING
	EA	EACH
	EC	END CURVE
	EG	EXISTING GROUND
	EHWE	ESTIMATED HIGH WATER ELEVATION
	ELEV	ELEVATION
	ELL	ELBOW
	EP	EDGE OF PAVEMENT
	EQ	EQUAL, EQUIDISTANT
	EST	ESTIMATED
	ETC	ETCETERA
	EVC	END VERTICAL CURB
	EW	EDGE OF WALK
	EXIST, EX	EXISTING
	EXP	EXPANSION
	FCA	FLANGE COUPLING ADAPTOR
	FFE	FINISHED FLOOR ELEVATION
	FG	FINISHED GRADE
	FH	FIRE HYDRANT
	FL	FLOW LINE
	FLG	FLANGE
	FO	FIBER OPTIC
	FOC	FACE OF CURB
	G	GUTTER
	GALV	GALVANIZED
	GB	GRADE BREAK
	GFL	GUTTER FLOW LINE
	GPM	GALLONS PER MINUTE
	GR	GRATE
	HP	HIGH POINT
	HDPE	HIGH-DENSITY POLYETHYLENE
	HT.	HEIGHT
	HP	HIGH POINT
	INT, INTX	INTERSECTION
	INV	INVERT
	IV	ROMAN NUMERAL "4" (CLASS 4 RCP)
	IRR	IRRIGATION
	LBS	POUND
	LEN	LENGTH
	LF	LINEAR FEET
	LP	LOW POINT
	LT	LEFT, LIGHT
	MAX	MAXIMUM
	MFR	MANUFACTURER
	MH	MANHOLE
	MIA	MISSING IN ACTION
	MIN	MINIMUM
	MPH	MILES PER HOUR

ABBREVIATIONS (Continued)

SYM	ABBREVIATION	DESCRIPTION
	N	NORTH, NORTHING
	NIC	NOT IN CONTRACT
	NO	NUMBER
	O.C.	ON CENTER
	O.D.	OUTSIDE DIAMETER
	PE	POLY ETHELYNE
	PL	PROPERTY LINE
	PBM	PROJECT BENCH MARK
	POW	PRISONER OF WAR
	PROP GFL	PROPOSED GUTTER FLOW LINE
	PSI	POUNDS PER SQUARE INCH
	PT	POINT
	PVC	POLY VINYL CHLORIDE
	R	RADIUS
	RD, RC	RELATIVE DENSITY OR COMPACTION
	REL	RELATIVE
	REQ	REQUIRED
	RCP	REINFORCED CONCRETE PIPE
	RP	REDUCED PRESSURE
	RT	RIGHT
	RW	RIGHT OF WAY
	S	SLOPE, SOUTH
	SC	SAW CUT
	SCH	SCHEDULE
	SD	STORM DRAIN
	SDCO	STORM DRAIN CLEAN OUT
	SDMH	STORM DRAIN MANHOLE
	SHT	SHEET
	SJVAPCD	SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT
	SMARTS	STATE MULTIPLE APPLICATION & & REPORT TRACKING SYSTEM
	SPEC	SPECIFICATIONS
	SQ	SQUARE
	SS	SANITARY SEWER, STAINLESS STEEL
	SSMH	SANITARY SEWER MANHOLE
	STA	STATION
	SW	SIDEWALK
	SWPPP	STORM WATER POLLUTION PROTECTION PLAN
	SWRCB	STATE WATER RESOURCES CONTROL BOARD
	TC	TOP OF CURB
	TOW	TOP OF WALL
	TRANS	TRANSITION
	TYP	TYPICAL
	UV	ULTRAVIOLET
	VC	VERTICAL CURVE
	VERT	VERTICAL
	W	WEST
	W/	WITH
	W/O	WITHOUT
	WV	WATER VALVE

GENERAL NOTES

REFER TO SPECIFICATIONS FOR GENERAL REQUIREMENTS

1. CONTRACTORS SHALL NOT WORK FROM PARTIAL SETS OF DOCUMENTS AND SHALL READ AND BE FAMILIAR WITH THE DOCUMENTS AND THE WORK. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE COR. OBVIOUS ERRORS OR INCONSISTENCIES SHALL NOT SERVE AS A BASIS FOR A CLAIM AS AN EXTRA. THE CONTRACTOR MUST HAVE A SET OF SIGNED PLANS ON THE JOB SITE AT ALL TIMES WHEN HIS FORCES ARE ON-SITE WHILE THE PROJECT IS UNDER CONSTRUCTION.

2. LAYOUT: CONTRACTOR SHALL VERIFY ALL GRADES, LINES, LEVELS, AND DIMENSIONS INDICATED IN THE CONTRACT DOCUMENTS AND REPORT INCONSISTENCIES TO THE COR FOR RESOLUTION. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ESTABLISHMENT OF CONTROL LINES AND LEVELS FOR ALL WORK AND WILL BE RESPONSIBLE FOR OVERALL LAYOUT OF THE WORK. THE GOVERNMENT WILL PROVIDE INITIAL SURVEY FILES, CONTAINED IN THESE DOCUMENTS AS THE EXISTING CONDITIONS AND DEMOLITION PLAN. THE CONTRACTOR SHALL ESTABLISH BENCHMARKS AS REQUIRED TO MAINTAIN ACCURATE ELEVATIONS.

3. JACOBS HAS EXERCISED REASONABLE AND ACCEPTABLE STANDARD OF CARE IN PREPARATION OF THESE PLANS. HOWEVER, THE DESIGN PROCESS INCLUDES ACTIVITIES THAT OCCUR AFTER THE SIGNATURE, INCLUDING CALCULATION, PLAN CHECK AND VERIFICATIONS DURING CONSTRUCTION. SHOULD ENTITIES OTHER THAN JACOBS PERFORM ANY OF THESE ACTIVITIES, THEY SHALL INDEMNIFY JACOBS FROM ANY RESULTING SITE CONDITIONS, INCLUDING DAMAGES, FOR SAID WORK.

4. ALL UNDERGROUND UTILITIES SHALL BE LOCATED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY CONFLICT SHALL BE COORDINATED BETWEEN CONTRACTOR, COR AND ENGINEER. ANY DAMAGES TO UTILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ALL CONNECTIONS TO EXISTING UTILITIES AND ALL UTILITY INSTALLATIONS SHALL BE IN COMPLIANCE WITH REQUIREMENTS OF APPROPRIATE JURISDICTIONAL AGENCIES. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CANNOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ANY AND ALL MARKINGS AS NEEDED TO PROTECT EXISTING UTILITIES. ANY DAMAGE OR INTERRUPTION OF SERVICE CAUSED BY CONTRACTOR'S NEGLIGENCE SHALL BE REPORTED IMMEDIATELY TO THE APPROPRIATE UTILITY COMPANY AND THE COR AND SHALL BE REPAIRED AND SERVICE RESTORED IN FULL COOPERATION WITH THE UTILITY COMPANY AT THE CONTRACTOR'S EXPENSE.

5. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITY (I.E. IRRIGATION AND/OR DRAINAGE) FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL THE PROPOSED UTILITY (I.E. IRRIGATION AND/OR DRAINAGE) IMPROVEMENTS ARE PLACED AND FUNCTIONING.

6. CALCULATE DIMENSIONS AND MEASURE FOR LAYOUT OF WORK. DO NOT SCALE DRAWINGS. ALL DRAWINGS ARE DIAGRAMMATIC IN NATURE AND NOT INTENDED TO BE COMPLETE IN EVERY DETAIL. WHEN AN ITEM IS PARTIALLY DRAWN, IT SHALL APPLY TO ALL PARTS OF THE WORK. THE CONTRACTOR SHALL BE REQUIRED TO COMPLETE THE WORK AS REASONABLY INFERABLE AND NECESSARY TO PRODUCE INTENDED RESULTS.

7. THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR PROTECTING EXISTING TREES NOT SCHEDULED TO BE REMOVED BY THIS CONTRACT. ANY TREE DAMAGED SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE CONTRACTING OFFICER'S REPRESENTATIVE.

CONSTRUCTION DOCUMENTS

Revisions:	Date

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Drawing Title: GENERAL NOTES & ABBREVIATIONS

Approved: Project Director

Project Title: SAN JOAQUIN VALLEY NATIONAL CEMETERY PRE-PLACED CRYPTS IN SECTION 21

Location: SAN JOAQUIN VALLEY NATIONAL CEMETERY SANTA NELLA, CALIFORNIA

Date: 09/28/2015 | Checked: MIS | Drawn: RJM

Project Number: 913CM3012

Building Number:

Drawing Number: X-2

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NATIONAL CEMETERY ADMINISTRATION DESIGN AND CONSTRUCTION SERVICE

Department of Veterans Affairs

VA FORM 08-6231