

three inches = one foot
one and one half inches = one foot
one inch = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

SV:Active Job Files\NAPA Parking 100W 12038A CAD\BID\RHAAs\PLOTS\11.0-Schedules Notes and Legends.dwg 3-12-13 10:52:53 AM elizabeth

ABBREVIATIONS AND SYMBOLS

AL	ALIGN	MIN	MINIMUM
ATP	ALIGN TO PAVERS	(N)	NEW
AC	ASPHALTIC CONCRETE	NIC	NOT IN CONTRACT
AD	AREA DRAIN	NO	NUMBER
AGG	AGGREGATE	NTS	NOT TO SCALE
ALUM	ALUMINUM	OC	ON CENTER
APPROX	APPROXIMATE	OD	OUTSIDE DIAMETER
ARCH	ARCHITECTURE	PA	PLANTING AREA
BX	BOX	PAVT	PAVEMENT
BLDG	BUILDING	PAVE	PAVING
CAL	CALIPER	PERF	PERFORATED
CB	CATCH BASIN	PERP	PERPENDICULAR
CL	CENTER LINE	PIP	POURED-IN-PLACE
CLF	CHAIN LINK FENCE	PL	PLATE
CLR	CLEAR	POC	POINT OF CONNECTION
CO	CLEAN OUT	PROP	PROPOSED
CONC	CONCRETE	PSI	POUNDS PER SQUARE INCH
CONST	CONSTRUCTION	PVC	POLYVINYL-CHLORIDE
CONT	CONTINUOUS	QTY	QUANTITY
CTR	CENTER	R	RADIUS
DG	DECOMPOSED GRANITE	RB	ROOTBALL
DI	DRAIN INLET	RCP	REINFORCED CONCRETE PIPE
DIA	DIAMETER	REBAR	REINFORCING BAR
DWGS	DRAWINGS	REQ'D	REQUIRED
EJ	EXPANSION JOINT	RGH	ROUGH
ELE TRANS	ELECTRICAL TRANSFORMER	RIM	RIM ELEVATION
ELEV	ELEVATION	RWD	REDWOOD
EQ	EQUAL		
EQUIP	EQUIPMENT	S.A.D.	SEE ARCHITECTURE DRAWINGS
(E)	EXISTING	S.S.D.	SEE STRUCTURAL DRAWINGS
FFE	FINISH FLOOR ELEVATION	S.C.D	SEE CIVIL DRAWINGS
FG	FINISH GRADE	SD	STORM DRAIN
FL	FLOW LINE	SECT	SECTION
FOB	FACE OF BUILDING	SHT	SHEET
FOC	FACE OF CURB	SJ	SCORE JOINT
FT	FOOT/FEET	SPEC'D	SPECIFIED
FTG	FOOTING	SPECS	SPECIFICATIONS
GA	GAUGE	SPR	SPREAD
GAL	GALLON	SO	SQUARE
GALV	GALVANIZED	SF	SQUARE FEET
GB	GRADE BREAK	S.S.	STAINLESS STEEL
GC	GALLON CAN	STD	STANDARD
GPM	GALLONS PER MINUTE	STL	STEEL
GRD	GRADE	SW	SIDEWALK
HB	HOSE BIB	TBD	TO BE DETERMINED
HDR	HEADER	TC	TOP OF CURB
HORIZ	HORIZONTAL	TS	TUBULAR STEEL
HT	HEIGHT	TW	TOP OF WALL
ID	INSIDE DIAMETER	TYP	TYPICAL
INV	INVERT	UBC	UNIFORM BUILDING CODE
IRR	IRRIGATION	UON	UNLESS OTHERWISE NOTED
LF	LINEAR FEET	VCP	VITRIFIED CLAY PIPE
MAX	MAXIMUM	VERT	VERTICAL
IMFG	MANUFACTURER	W	WATER LINE
MH	MANHOLE	WI	WITH
		@	AT

GENERAL NOTES:

- THE DRAWINGS AND SPECIFICATIONS DESCRIBE IN GENERAL THE QUALITY AND CHARACTER OF THE MATERIALS, SHAPE AND CONFIGURATION OF IMPROVEMENTS AND THE DESIGN INTENT OF THE COMPLETED, INSTALLED WORK. MISCELLANEOUS ITEMS OF WORK, MATERIAL, EQUIPMENT, ETC., NECESSARY TO COMPLETE THE INSTALLATION SHALL BE PROVIDED BY THE CONTRACTOR WHETHER OR NOT MENTIONED IN THE SPECIFICATIONS OR SHOWN ON THE DRAWINGS. SPECIFIC NOTES AND DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
- CONTRACTOR SHALL PROTECT EXISTING FACILITIES FROM DAMAGE. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED IN KIND AT NO ADDITIONAL COST TO THE OWNER. BARRICADES, SIGNS, LIGHTS, ETC., REQUIRED FOR THE PROTECTION OF PUBLIC, PERSONNEL, PROPERTY AND MATERIAL SHALL BE PROVIDED FOR AND MAINTAINED DURING CONSTRUCTION BY THE CONTRACTOR, AND SHALL CONFORM TO ALL GOVERNING CODES, ORDINANCES AND REGULATIONS.
- THE CONTRACTOR SHALL EMPLOY ALL MEANS NECESSARY TO CONTROL DUST AT AND NEAR THE SITE OF WORK AND ALONG APPROACH ROUTES TO THE CONSTRUCTION SITE.
- CONTRACTOR SHALL PROVIDE ALL TOOLS, TRANSPORTATION, UTILITIES, TEMPORARY FACILITIES, AND OTHER SERVICES AS NECESSARY FOR PROPER EXECUTION OF THE WORK, AND SHALL ASSUME FULL RESPONSIBILITY FOR PROTECTION AND SAFEGUARDING OF THESE ELEMENTS DURING CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE IN ADVANCE FOR APPROVAL OF THE MATERIAL STORAGE AREA AT THE JOB SITE.
- CONTRACTOR SHALL MAINTAIN GOOD CLEANLINESS PRACTICES AT THE JOB SITE. EXCESS BUILDING MATERIALS AND DEBRIS SHALL BE REMOVED PROMPTLY FROM THE JOB SITE AND DISPOSED OF AT AN APPROVED DUMPSITE. THE JOB SITE SHALL BE LEFT CLEAN AT THE END OF EACH WORKDAY. BEFORE ACCEPTANCE BY THE OWNER'S REPRESENTATIVE, THE COMPLETED CONSTRUCTION SHALL BE CLEARED. ANY APPLICABLE LABELS REMOVED, AND ALL OTHER TOUCHUP WORK COMPLETED. ALL FINISH MATERIALS SHALL BE PROTECTED AT ALL TIMES AGAINST SUBSEQUENT DAMAGE UNTIL FINAL ACCEPTANCE BY THE OWNER.
- CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR SHALL 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.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DIFFERENCES IN LOCATIONS OF EXISTING UTILITIES FROM THAT SHOWN, OR ANY CONFLICTS WITH THE DESIGN BEFORE CONTINUING WORK IN THAT AREA.
- PROVIDE ADEQUATE COVER FOR THE PROTECTION OF ALL PROPOSED AND EXISTING UTILITIES DURING THE CONSTRUCTION OF THIS PROJECT.
- CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING STREETS, SURROUNDING LANDSCAPE, AND OTHER IMPROVEMENT WITH A SMOOTH TRANSITION IN PAVING, CURBS, GUTTERS, SIDEWALKS, GRADING, ETC. AND TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPE, LOW SPOTS, OR HAZARDOUS CONDITIONS.
- ALL EXISTING UTILITY COVERS SHALL BE PROTECTED UNLESS NOTED OTHERWISE ON THE DRAWINGS. ANY REVISIONS OR ADDITIONAL WORK REQUIRED AS A RESULT OF FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. WORK PERFORMED BY THE CONTRACTOR WITHOUT WRITTEN AUTHORIZATION SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR WHO SHALL BEAR ALL COSTS ATTRIBUTABLE THERETO. ANY AND ALL REVISIONS SHALL BE IN WRITTEN CHANGE ORDER FORM AND APPROVED AND AUTHORIZED BY THE OWNER BEFORE BEGINNING WORK.
- THREE ROOT BARRIERS ARE REQUIRED FOR ALL TREES NEAR CURBS OR CONCRETE PAVEMENT. REFER TO PLANS AND DETAIL.
- COORDINATE TREE & SHRUB SPACING WITH LIGHT POSTS & OTHER LANDSCAPE FEATURES. COORDINATE WITH LANDSCAPE ARCHITECT IF THERE ARE ANY DISCREPANCIES FROM THE PLAN & BUILT CONDITIONS. REFER TO ELECTRICAL DRAWINGS FOR LIGHT LAYOUT.
- ALL REVIEWS AND APPROVALS REQUIRED BY LANDSCAPE ARCHITECT REFERENCED WITHIN THESE DRAWINGS SHALL REFER TO THE CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR).
- DEDUCT ALTERNATES:
 - STONE WALL AND PLANTING AREA AT EAST END OF PROJECT, SEE PLANS
 - RETAINING WALL, MONUMENT WALL, AND PLANTING AREA AT WEST END OF PROJECT, SEE PLANS
 - GALVANIZED STEEL TO REPLACE STAINLESS STEEL AT GUARDRAIL AND HANDRAIL, SEE DETAILS

PLANTING LEGEND

TREE PLANTINGS									
SYMBOL	ABBR	SCIENTIFIC NAME	COMMON NAME	SPACING	SIZE	HEIGHT	CAL	SPR	QTY
	ACE RUB	<i>Acer rubrum</i> "OCTOBER GLORY"	RED MAPLE	AS SHOWN	24" BOX	10-12'	1 3/4-2 1/4"	4-5'	49
	CER OCC	<i>Cercis occidentalis</i>	WESTERN REDBUD	AS SHOWN	15 GAL	8-10'	1 1/2-1 3/4"	4-5'	20
	QUE AGR	<i>Quercus agrifolia</i>	COAST LIVE OAK	AS SHOWN	48" BOX	8-10'	1-1 1/2"	3-4"	3
	QUE AGR	<i>Quercus agrifolia</i>	COAST LIVE OAK	AS SHOWN	60" BOX	8-10'	1-1 1/2"	3-4"	3
	SEQ SEM	<i>Sequoia sempervirens</i> "LOS ALTOS"	COAST REDWOOD	AS SHOWN	24" BOX	10-12'	1 3/4-2 1/4"	4-5'	11

SHRUB & GROUNDCOVER PLANTINGS									
SYMBOL	ABBR	SCIENTIFIC NAME	COMMON NAME	SPACING	SIZE	QTY			
	CEA JOY	<i>Ceanothus</i> 'JOYCE COULTER'	CALIFORNIA LILAC	5' O.C.	5 GAL	382			
	COR REF	<i>Correa reflexa</i> "CAPE CARPET"	GREEN CAPE FUCHSIA	5' O.C.	5 GAL	365			
	LAV PRO	<i>Lavandula</i> "PROVENCE"	HEDGE LAVENDER	18" O.C.	1 GAL	868			
	PEN ALO	<i>Pennisetum alopecuroides</i> "HAMELN"	DWARF FOUNTAIN GRASS	24" O.C.	1 GAL	813			
	RHA IND	<i>Rhaphiolepis indica</i> "PINK LADY"	INDIAN HAWTHORN	42" O.C.	5 GAL	211			

NOTE: PLANT QUANTITIES PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR SHALL PROVIDE PLANT QUANTITY REQUIRED AS SHOWN ON PLANS.

CONSTRUCTION LEGEND

CONCRETE PAVING (MATCH PEBBLE COLOR BY DAVIS COLORS, ACID ETCHED)

- S.S. BOLLARD

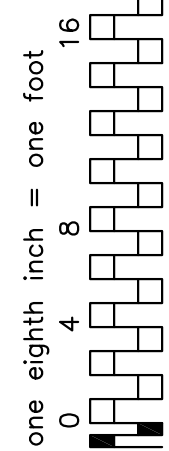
IRRIGATION LEGEND

- TREE BUBBLER
- SHRUB ROTATOR - 30', 21', & 15' RADIUS. 0.5 PRECIPITATION RATE, 12" POP-UP HEIGHT, MPR, 80% D.U. MIN.
- SHRUB SPRAY-SIDE STRIP, SIDE END STRIP, 4' x 9' RADIUS, 1" PRECIPITATION RATE, 12" POP HEIGHT, MPR, 70% D.U. MIN.
- SHRUB SPRAY-12', 10', 8', 5', & 3' RADIUS, 1" PRECIPITATION RATE, 12" POP HEIGHT, MPR, 70% D.U. MIN.
- CONTROLLER - 48 STATION
- BALL VALVE
- FILTER - AUTOMATIC, HYDRAULICALLY ACTUATED BACKWASH IN ENCLOSURE
- FLOW SENSOR - IN-LINE, NON-MAGNETIC IMPELLER TYPE, 1" SIZE
- ZONE CONTROL VALVE - CAST IRON BODY, DIAPHRAGM TYPE VALVE
- MASTER VALVE - CAST IRON BODY, DIAPHRAGM TYPE VALVE
- QUICK COUPLING VALVES - TWO-PIECE
- MAINLINE PIPE - SCHEDULE 40 PVC
- LATERAL LINE PIPE - CLASS 200 PVC
- SLEEVE - SCHEDULE 40 PVC
- CONTROLLER / STATION NUMBER
- GPM / ZONE
- VALVE SIZE

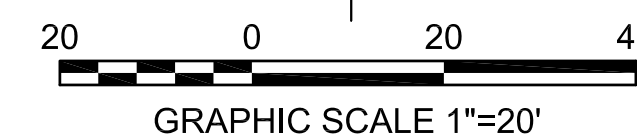
IRRIGATION NOTES

- PROVIDE SIGNS, BARRICADES, FLAG PERSONS, ETC. NECESSARY TO MEET TRAFFIC REQUIREMENTS.
- WIRE COLOR AS FOLLOWS: CONTROLLER 'A' - RED, CONTROLLER 'B' - GREEN, CONTROLLER 'C' - BLUE, CONTROLLER 'D' - BLACK, CONTROLLER 'X' WHITE w/ BLUE STRIPE, CONTROLLER 'Y' COMMON - WHITE w/ BLACK STRIPE, SPARE - ORANGE, FUTURE - YELLOW.
- VERIFY WORKING WATER PRESSURE. REPORT FINDINGS TO OWNER AND RECEIVE WRITTEN PERMISSION TO PROCEED, BEFORE BEGINNING
- CONNECT CONTROLLER TO TWO-WAY INTERNET SYSTEM. PROVIDE DOCUMENTATION FROM CONTROLLER MANUFACTURERS REPRESENTATIVES THAT SYSTEM IS INSTALLED IN ACCORDANCE TO MANUFACTURER'S REQUIREMENTS.
- INSTALL WIRE FROM CONTROLLER TO FLOW SENSOR AND MASTER VALVE, IN CONDUIT.
- CONTACT OWNER'S AUTHORIZED REPRESENTATIVE AND COORDINATE ALL REVIEWS PRIOR TO COMMENCEMENT OF WORK.
- DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, ETC. INVESTIGATE THE FINISH CONDITIONS AFFECTING ALL THE IRRIGATION WORK AND PLAN THE WORK ACCORDINGLY. FURNISHING SUCH INVESTIGATIONS, ETC., AS MAY BE REQUIRED TO MEET SUCH CONDITIONS. DRAWINGS ARE GENERALLY DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. INSTALL WORK IN SUCH A MANNER AS TO AVOID CONFLICTS BETWEEN IRRIGATION SYSTE, PLANTING AND ARCHITECTURAL FEATURES.
- EXERCISE EXTREME CARE IN EXCAVATION IN WORKING NEAR EXISTING UTILITIES. VERIFY THE LOCATION AND CONDITION OF ALL UTILITIES. REPAIR ANY DAMAGE TO EXISTING UTILITIES OR ADJACENT PROPERTIES CAUSED BY OR DURING THE PERFORMANCE OF THE WORK AT NO ADDITIONAL COST TO THE OWNER. FIELD ADJUST SPRINKLER LOCATIONS TO AVOID CONFLICTS WITH UTILITIES.

		CONSULTANTS:				ARCHITECT/ENGINEERS:		Drawing Title SCHEDULES, NOTES, AND LEGENDS		Project Title CONSTRUCT RETAINING WALL PARKING LOT 100W		Project Number 640-12-116P		Office of Construction and Facilities Management Department of Veterans Affairs	
								Approved Project Director		Location 3801 Miranda Ave. Palo Alto, CA 94304		Building Number NA			
										Date 08 FEB 2013		Checked MK			
Revisions:		Date										Drawing Number L1.0		Dwg of	

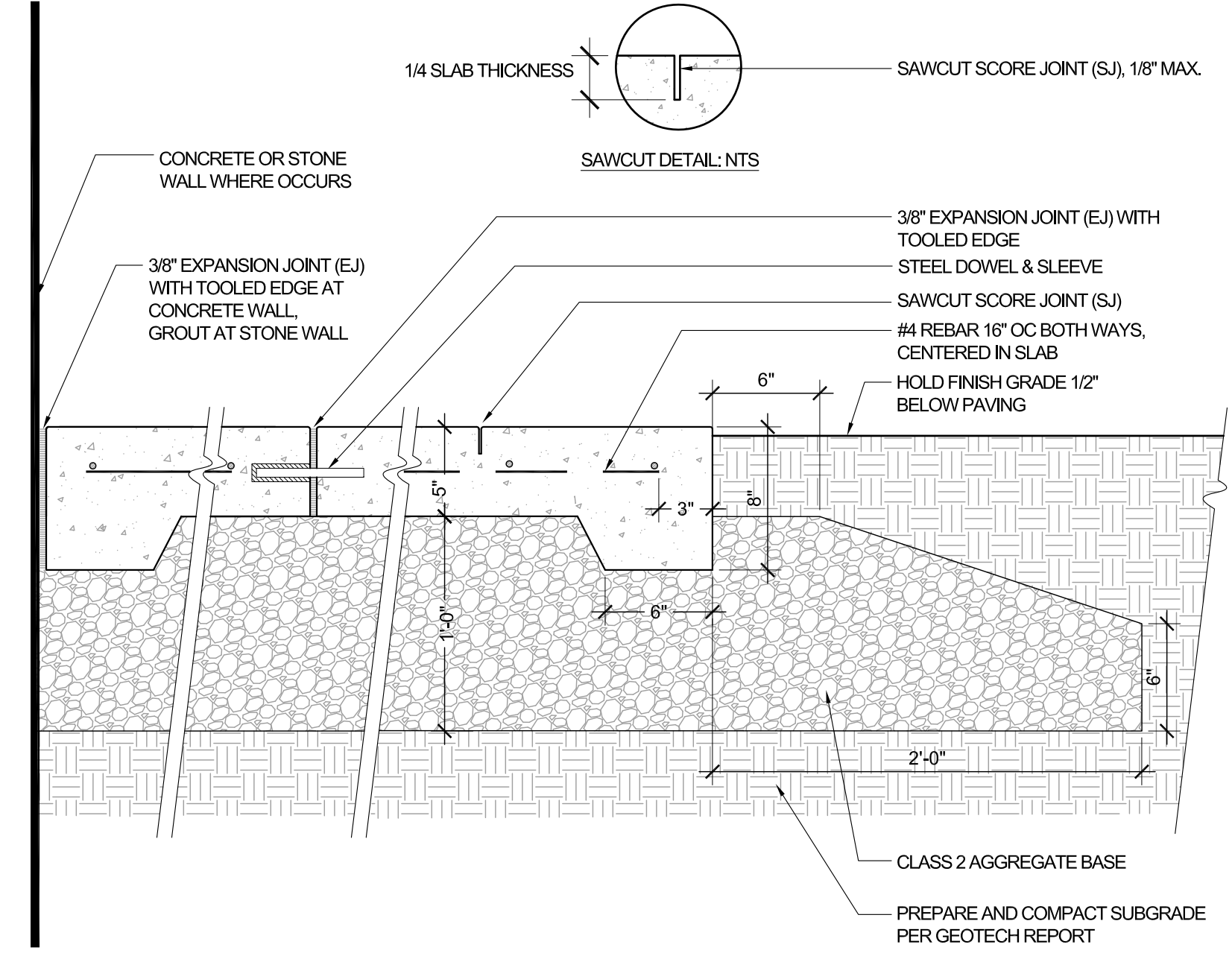
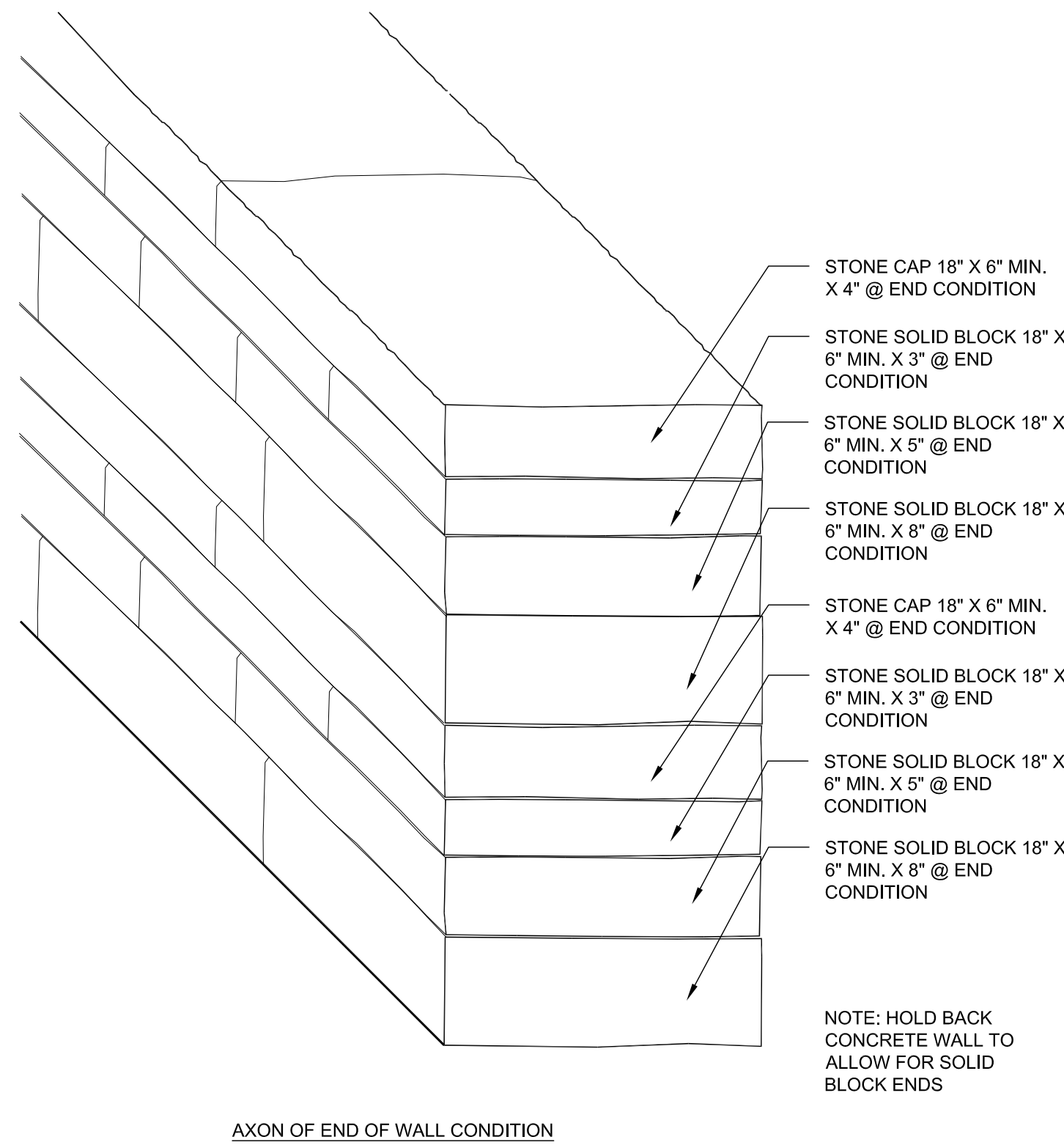
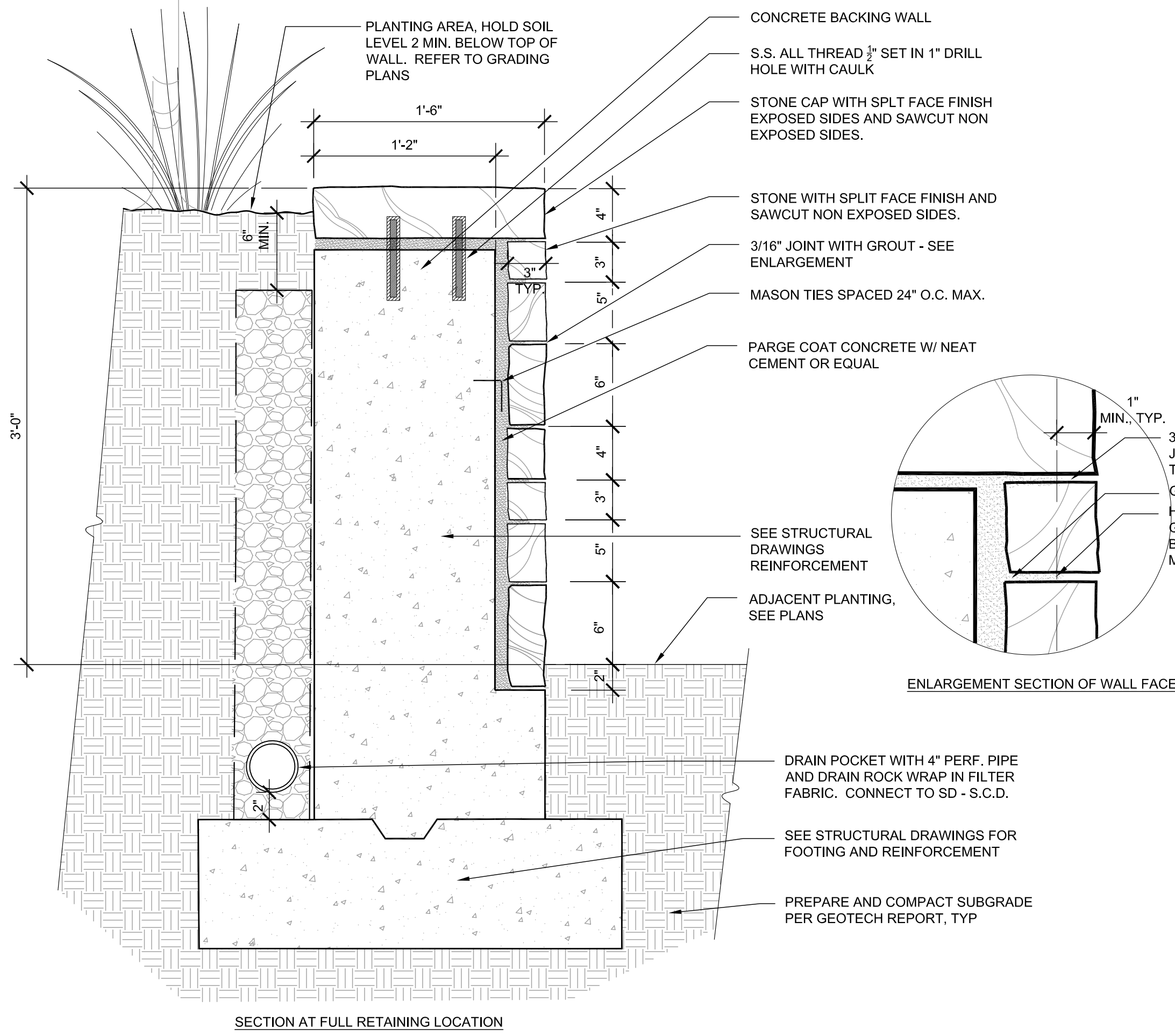


VA FORM 08-6231

 Department of
Veterans Affairs

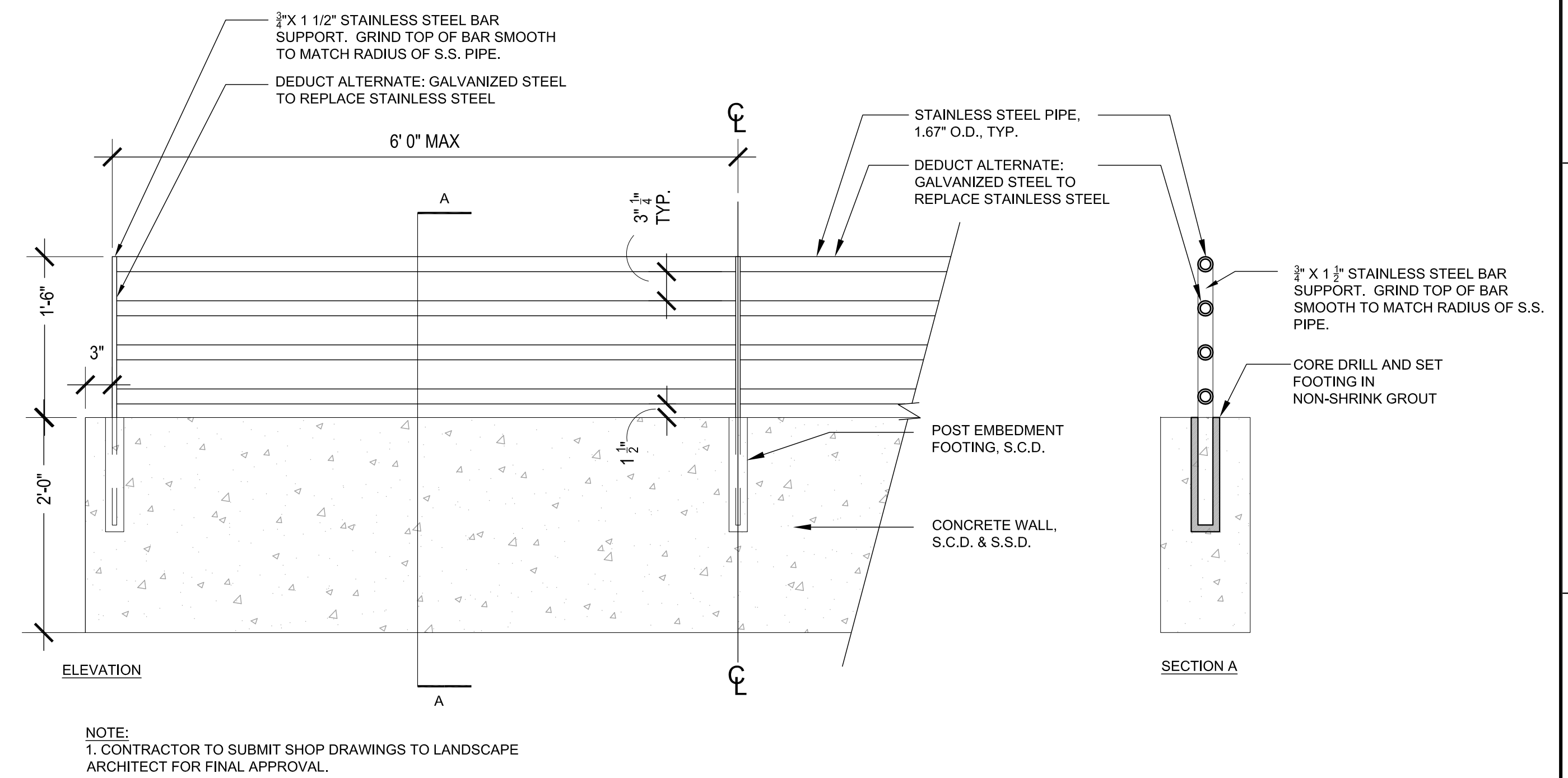
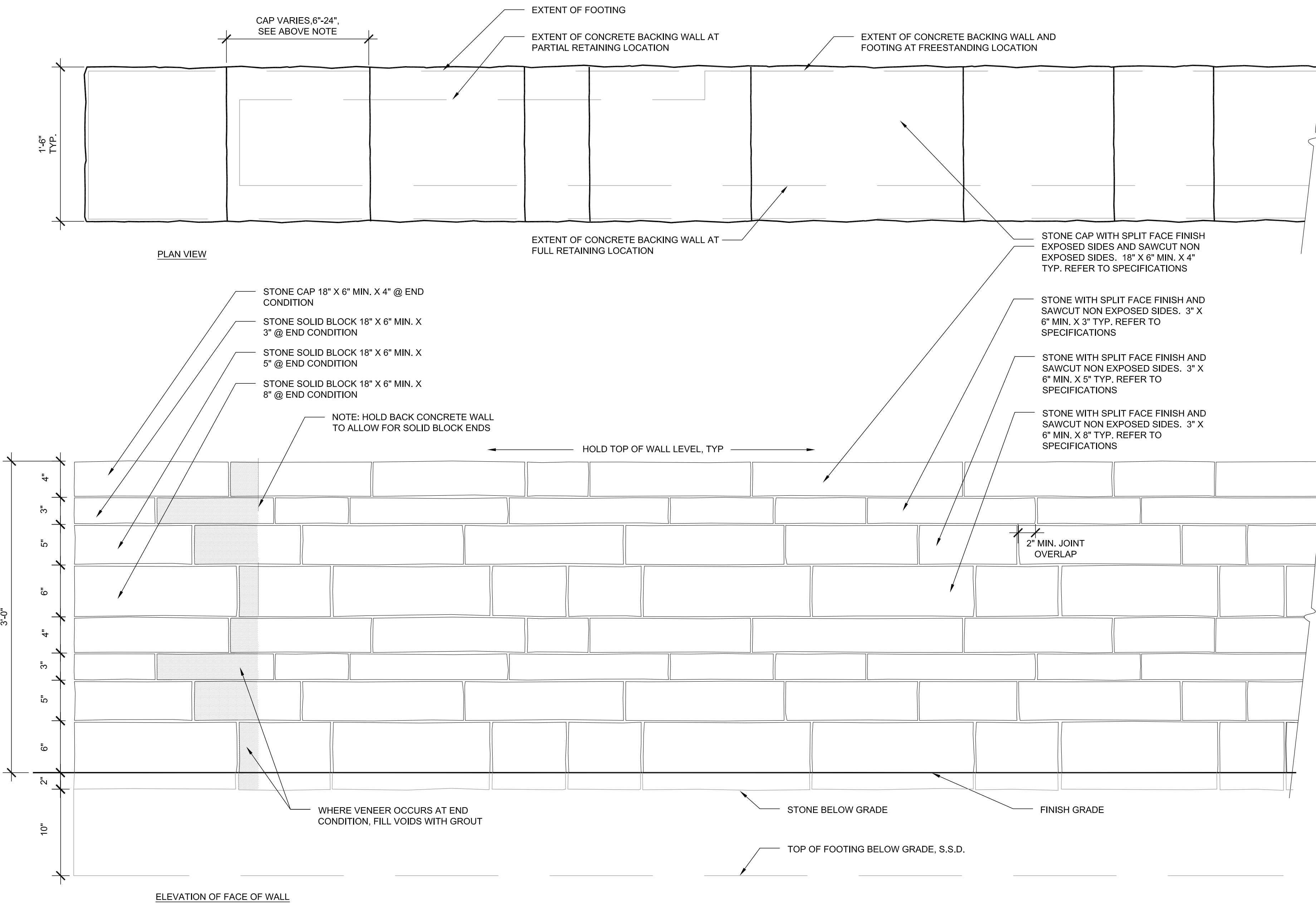
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one sixteenth inch = one foot

3-Active Job First VAPA Parking 100W 12038A(CAD)RID(RHAA)PLOTS 12.1 Construction Detail.dwg 3-12-13 10:54:31 AM elizabeth



1 CONCRETE PAVING

1-1/2" = 1'-0"



NOTE:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR FINAL APPROVAL.

2 GUARDRAIL

1" = 1'-0"

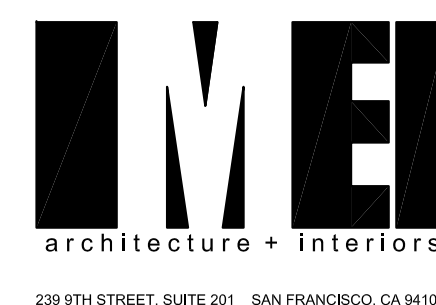
3 STONE WALL

1-1/2" = 1'-0"

CONSULTANTS:



ARCHITECT/ENGINEERS:



Drawing Title
CONSTRUCTION DETAILS

Approved Project Director

Project Title
**CONSTRUCT RETAINING WALL
PARKING LOT 100W**

Location
3801 Miranda Ave. Palo Alto, CA 94304

Date
08 FEB 2013

Checked
MK

Drawn
EB

Project Number
640-12-116P




Building Number
NA

Drawing Number
L2.1

Dwg. of

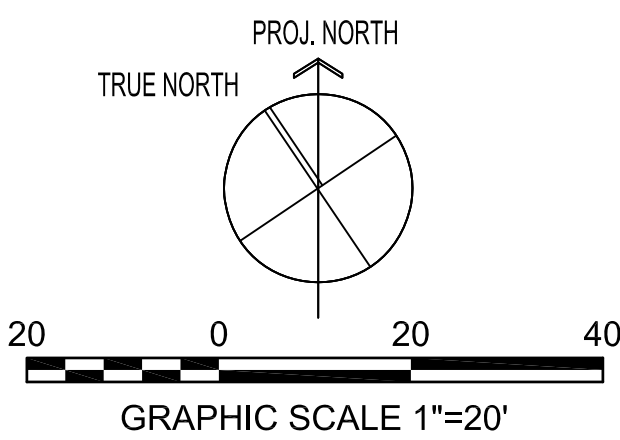
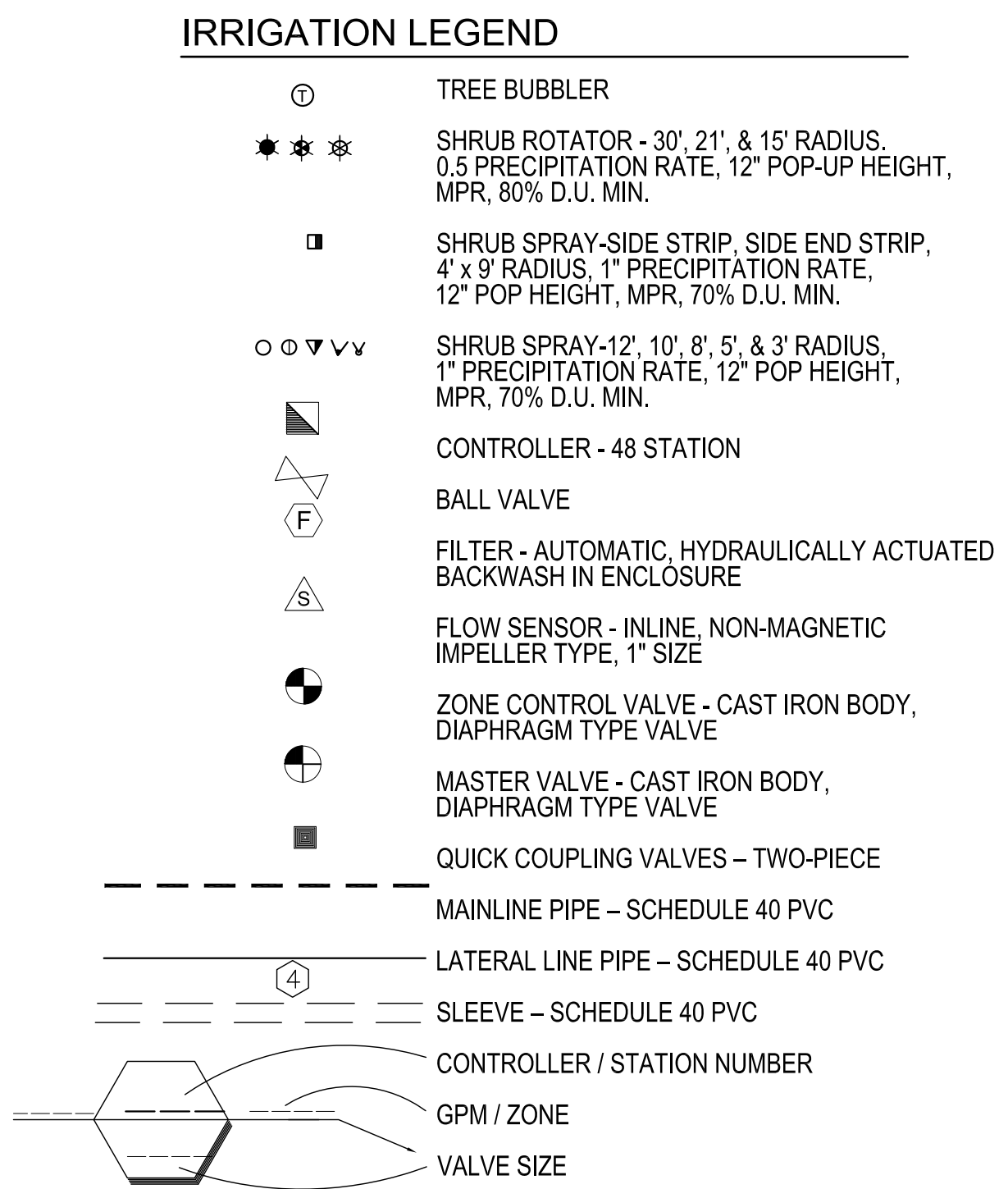
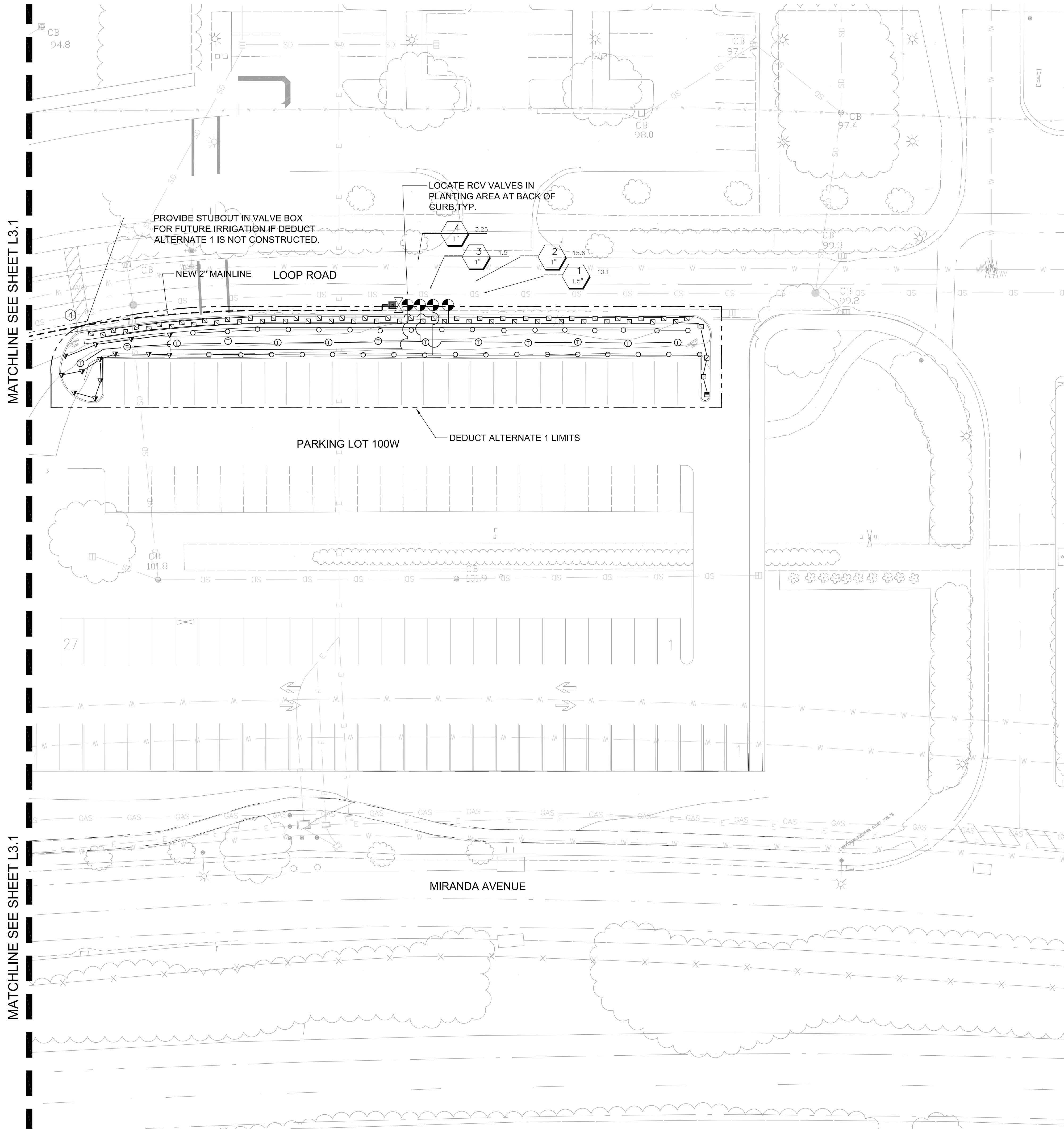
Office of
Construction
and Facilities
Management


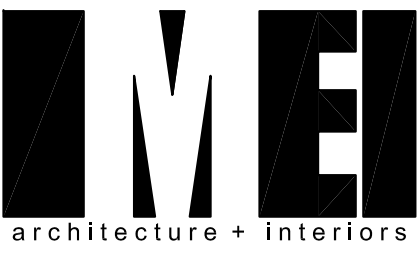


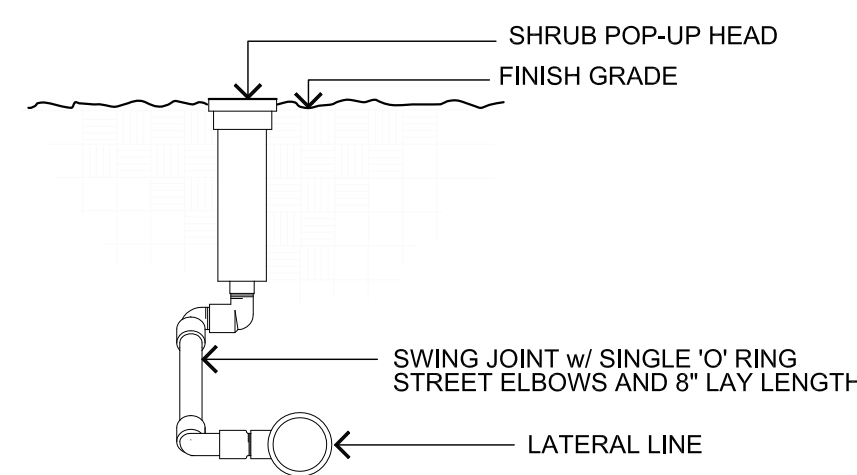
		CONSULTANTS:				ARCHITECT/ENGINEERS:		Drawing Title IRRIGATION PLAN		Project Title CONSTRUCT RETAINING WALL PARKING LOT 100W		Project Number 640-12-116P		Office of Construction and Facilities Management			
		 <small> rhaa RICHARD HARRIS ARCHITECTS ASSOCIATES, INC. SAN FRANCISCO - HILLS VALLEY - TANDI - DELHI 225 Miller Avenue, Mill Valley, CA 94041 T 415 363 7500 F 415 383 1432 www.rhaa.com </small>				 <small> MEI architecture + interiors 239 9TH STREET, SUITE 201 SAN FRANCISCO, CA 94103 T 415 850 0726 F 415 850 0729 www.meiarchitects.com </small>		Approved Project Director		Location 3801 Miranda Ave. Palo Alto, CA 94304		Building Number NA				Drawing Number L3.1	
Revisions:		Date								Date 08 FEB 2013		Checked MK				Drawn EB	
												Dwg. of		 Department of Veterans Affairs			

one eighth inch = one foot
0 4 8 16
one quarter inch = one foot
0 4 8
one half inch = one foot
0 4 8
three eighths inch = one foot
0 4 8
one inch = one foot
0 6 12
two inches = one foot
0 6 12
three inches = one foot
0 6 12
one inch = one foot
0 6 12
one and one half inches = one foot
0 6 12
two inches = one foot
0 6 12
three quarters inch = one foot
0 6 12
three quarters inch = one foot
0 6 12
one half inch = one foot
0 6 12
one quarter inch = one foot
0 6 12
one eighth inch = one foot
0 4 8 16

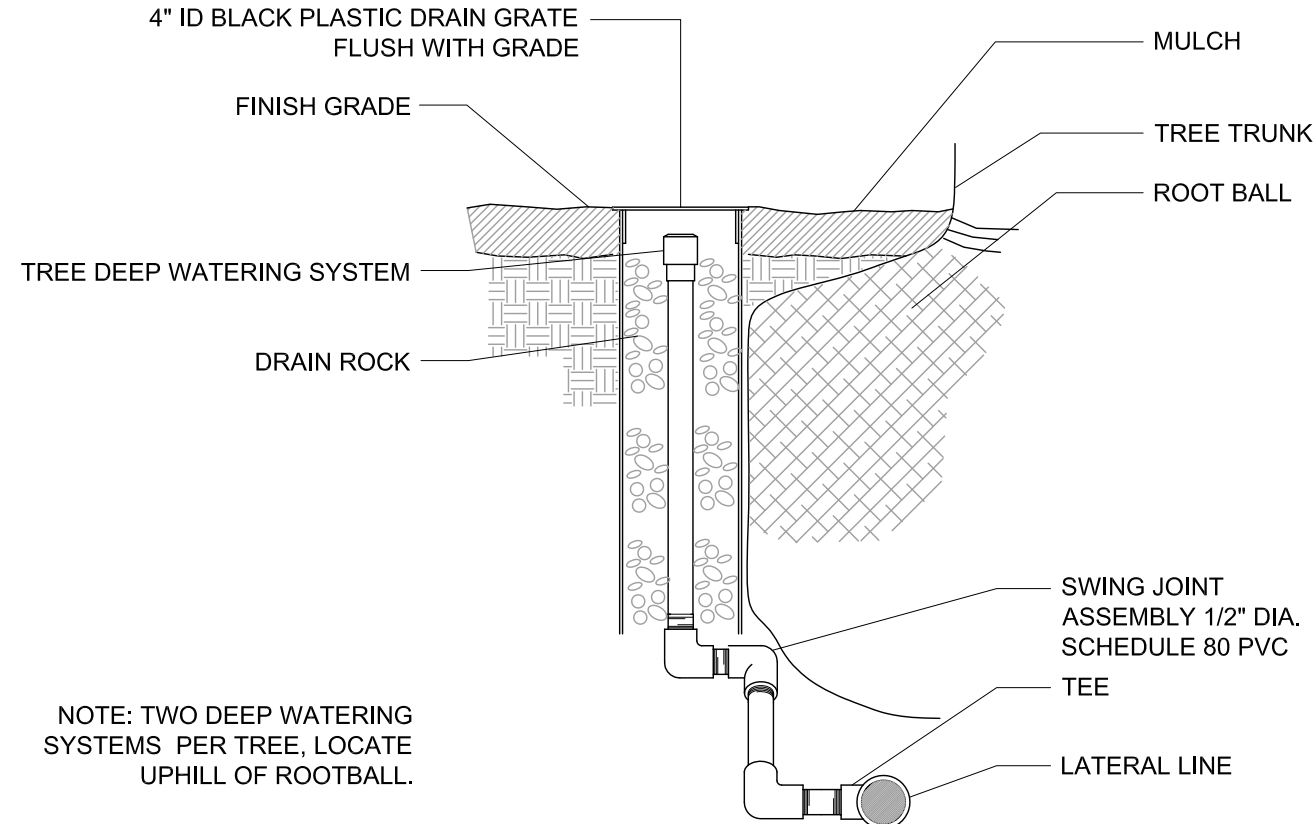
3-12-13 11:01:46 AM elizabeth



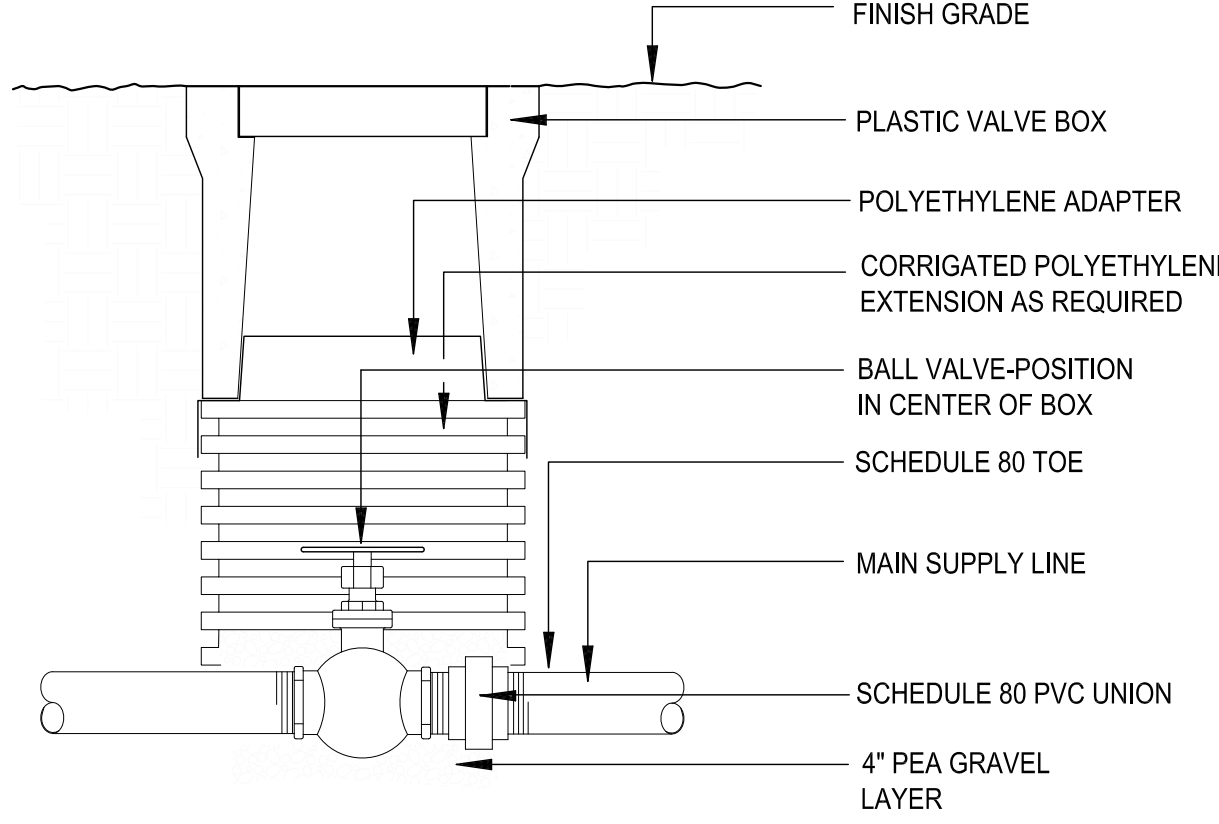
CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title IRRIGATION PLAN		Project Title CONSTRUCT RETAINING WALL PARKING LOT 100W		Project Number 640-12-116P		Office of Construction and Facilities Management
				Approved Project Director		Location 3801 Miranda Ave. Palo Alto, CA 94304		Building Number NA		
Date		Date		Date 08 FEB 2013		Checked MK		Drawn EB		
Revisions								Dwg. of		



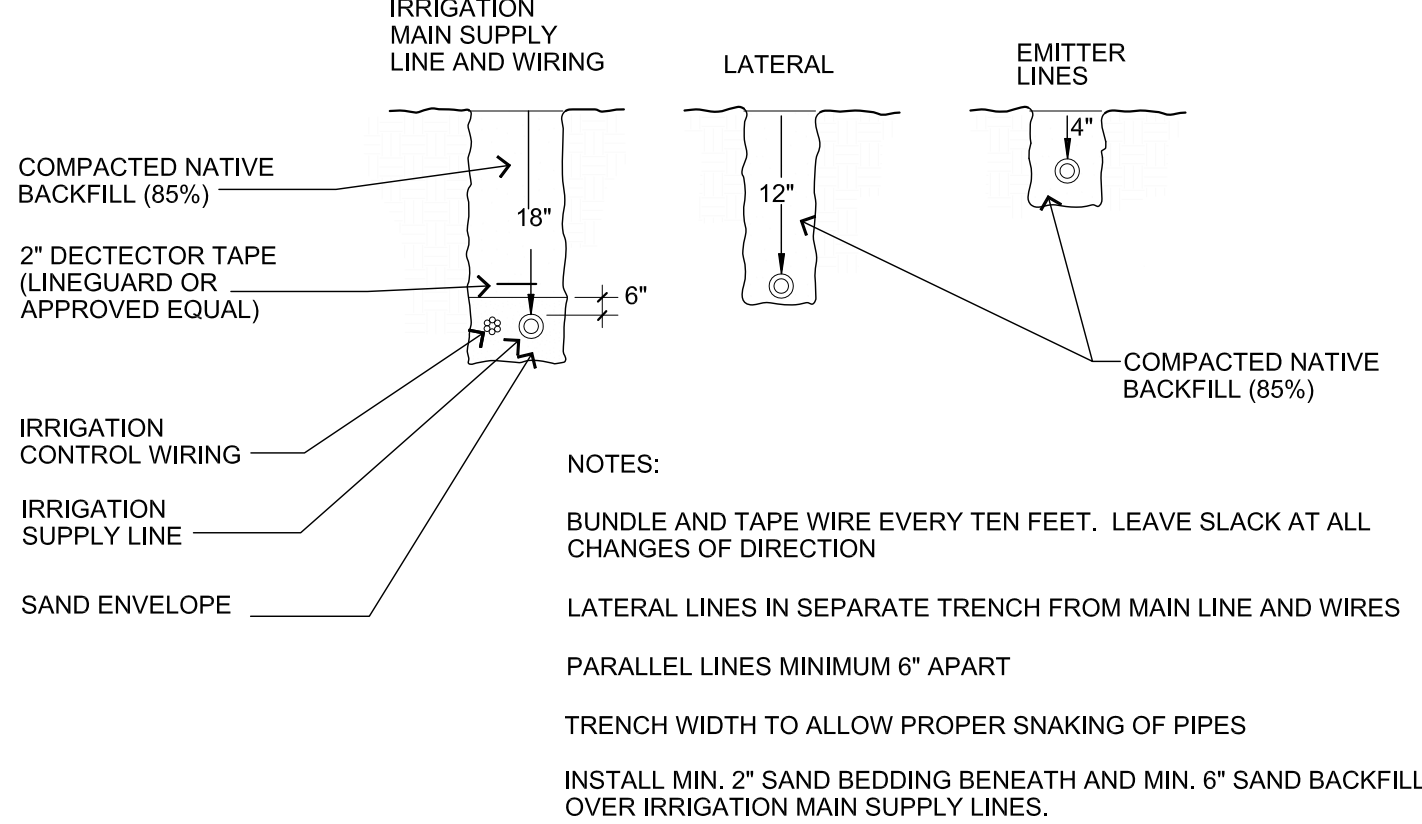
10 SHRUB POP-UP SPRAY HEAD
NTS



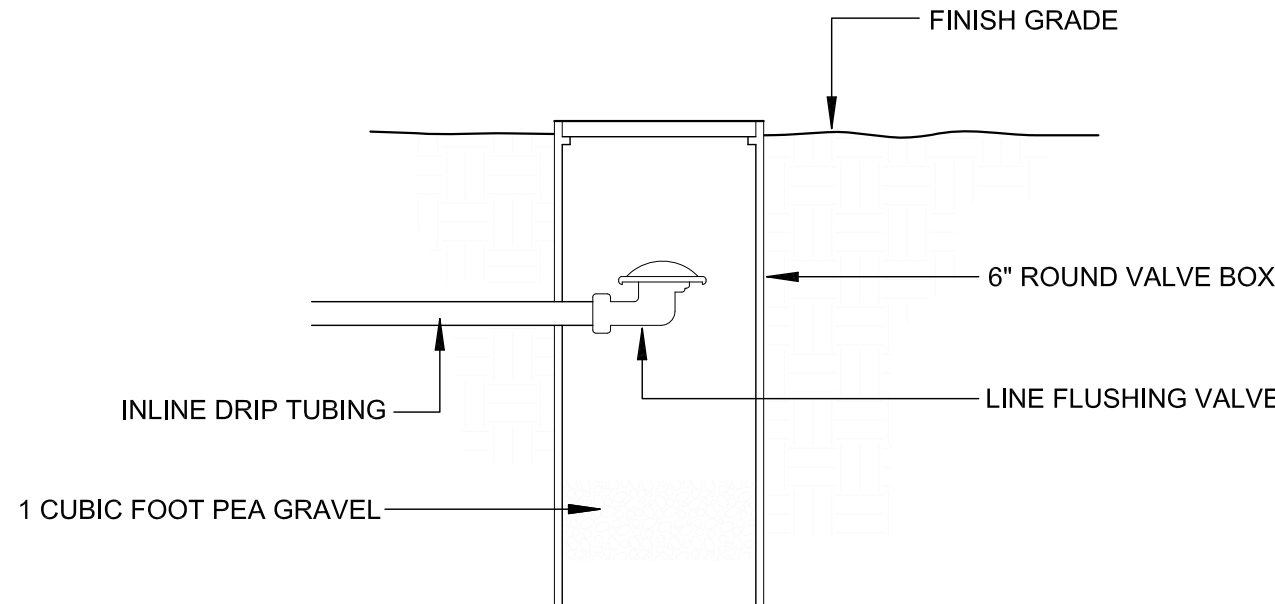
7 TREE BUBBLER
NTS



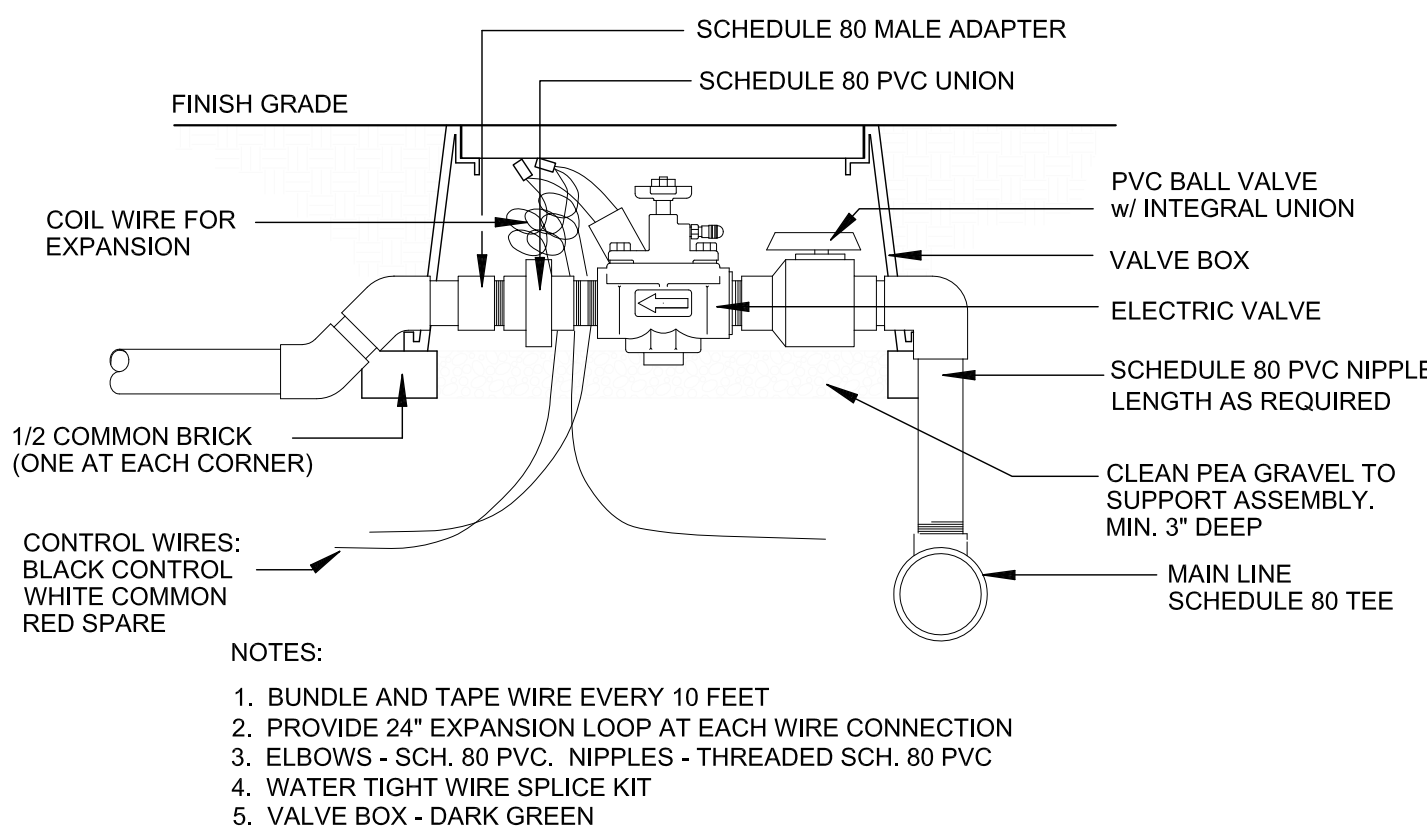
4 BALL VALVE
NTS



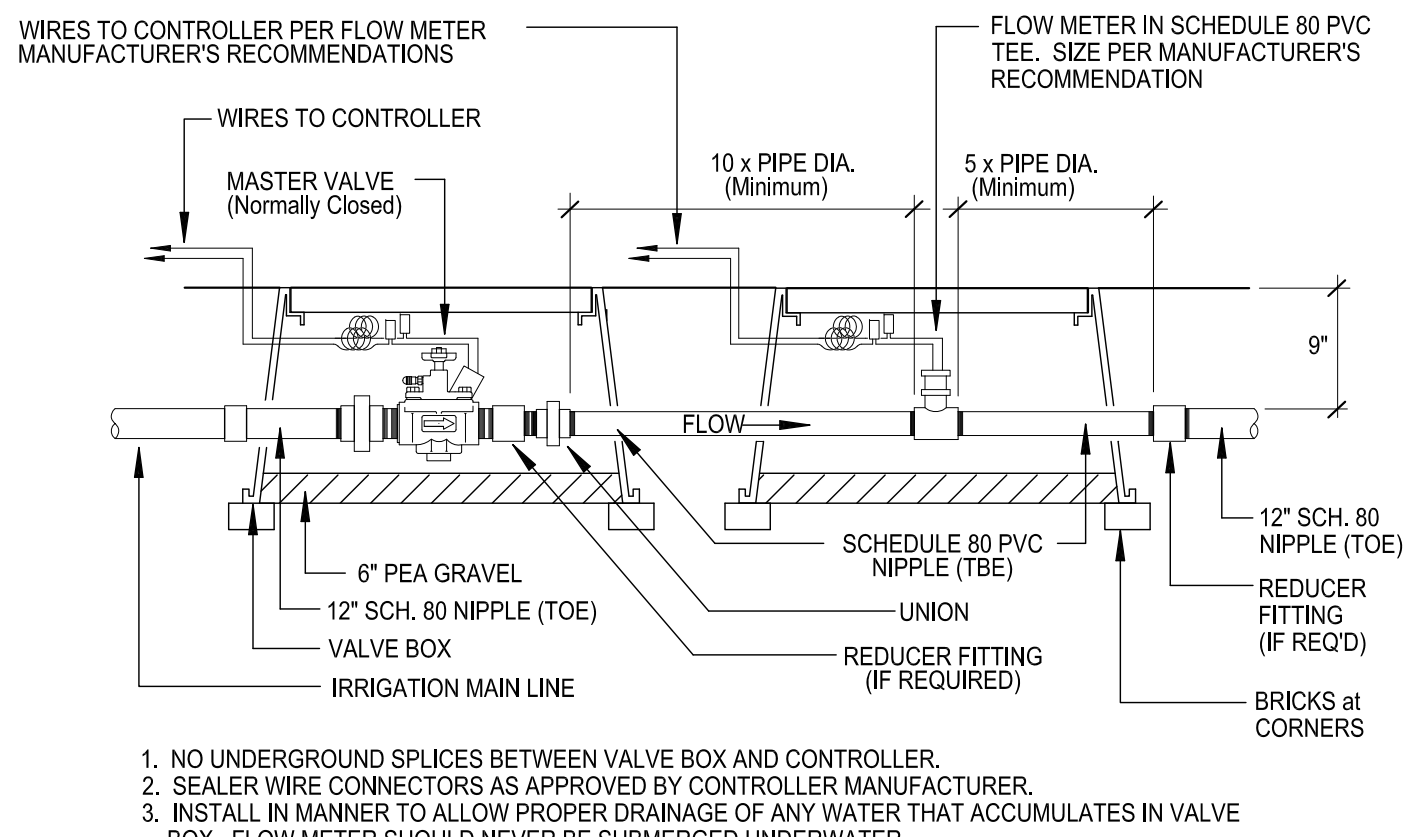
1 TRENCHING AND INSTALLATION
NTS



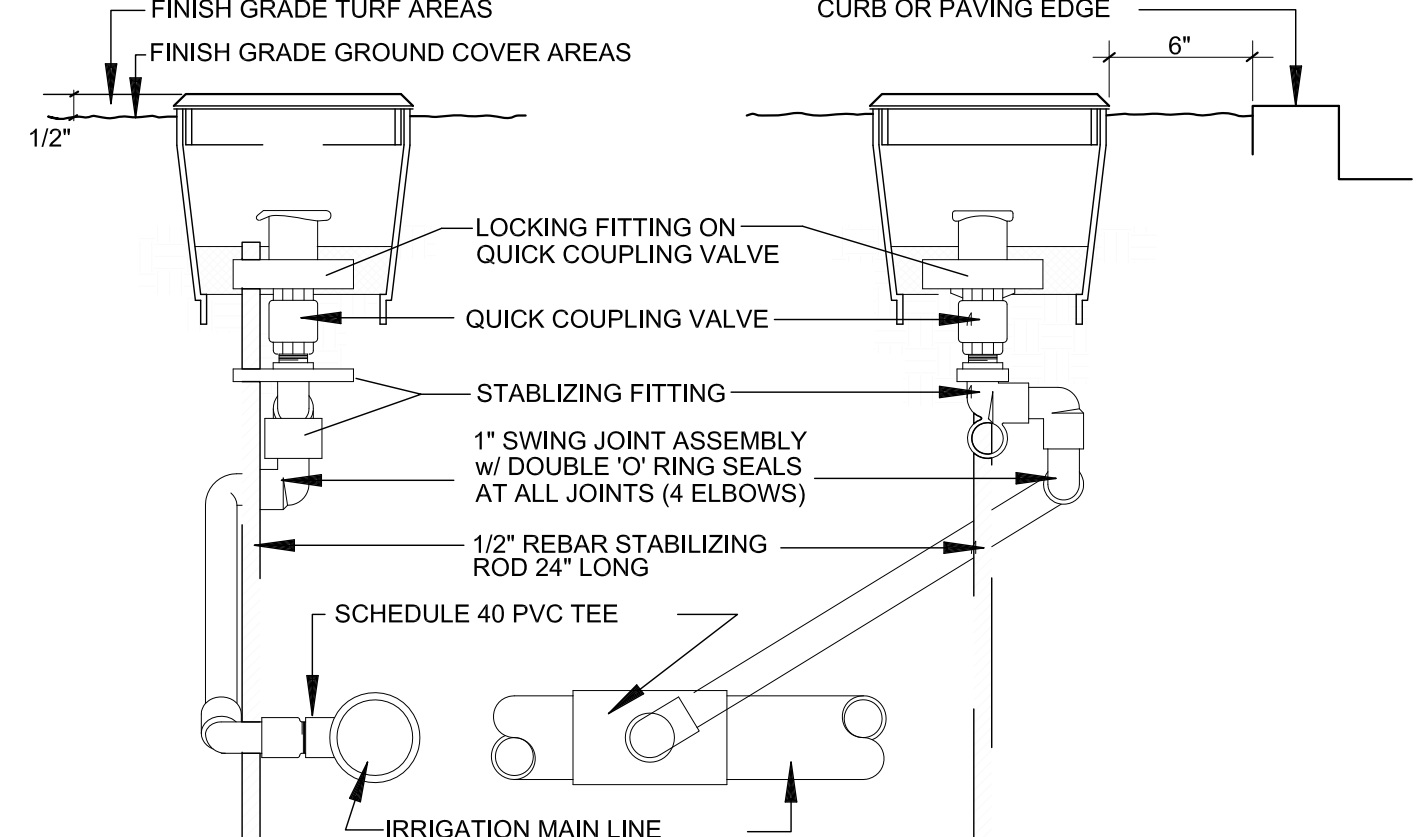
11 LINE FLUSHING VALVE
NTS



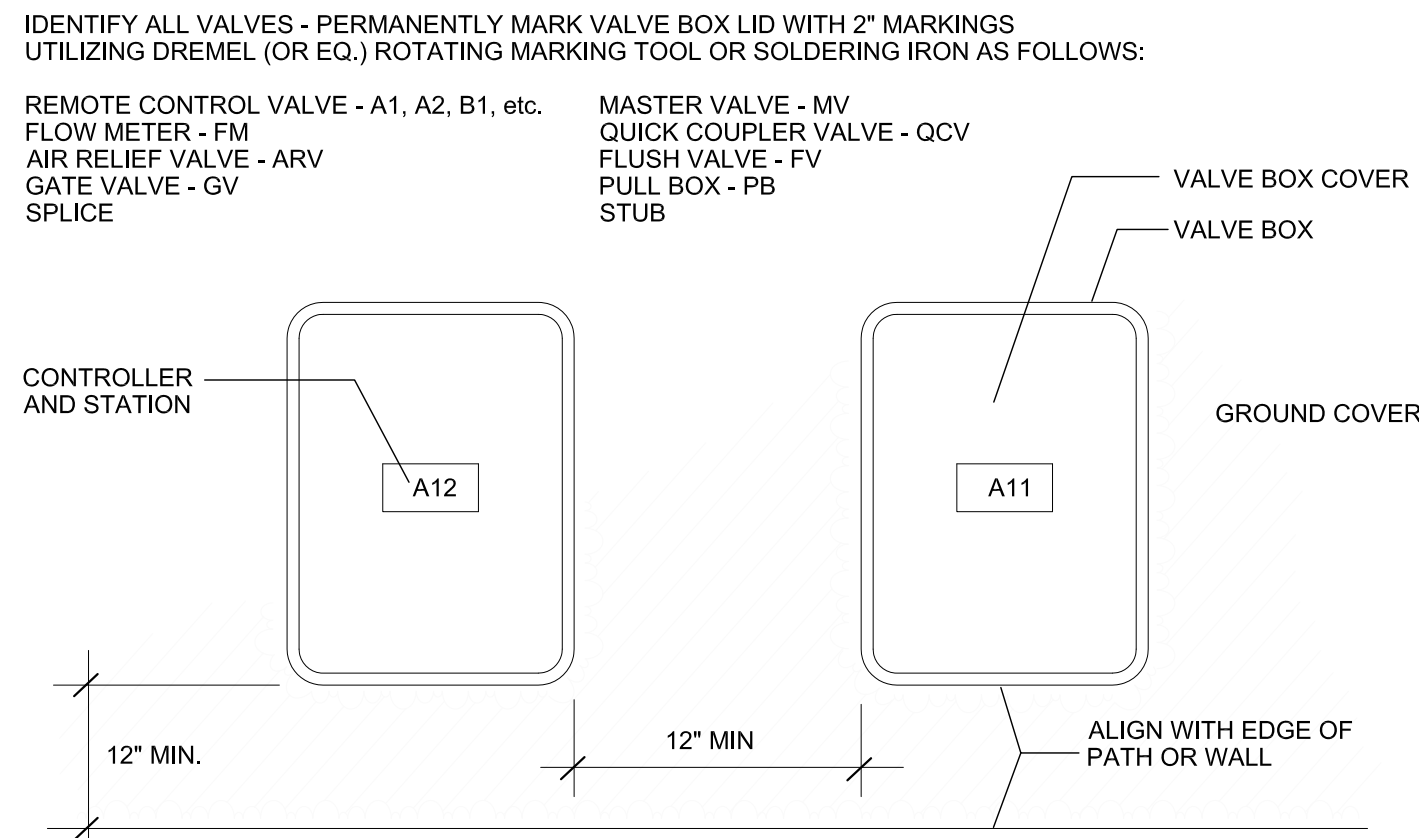
8 REMOTE CONTROL VALVE
NTS



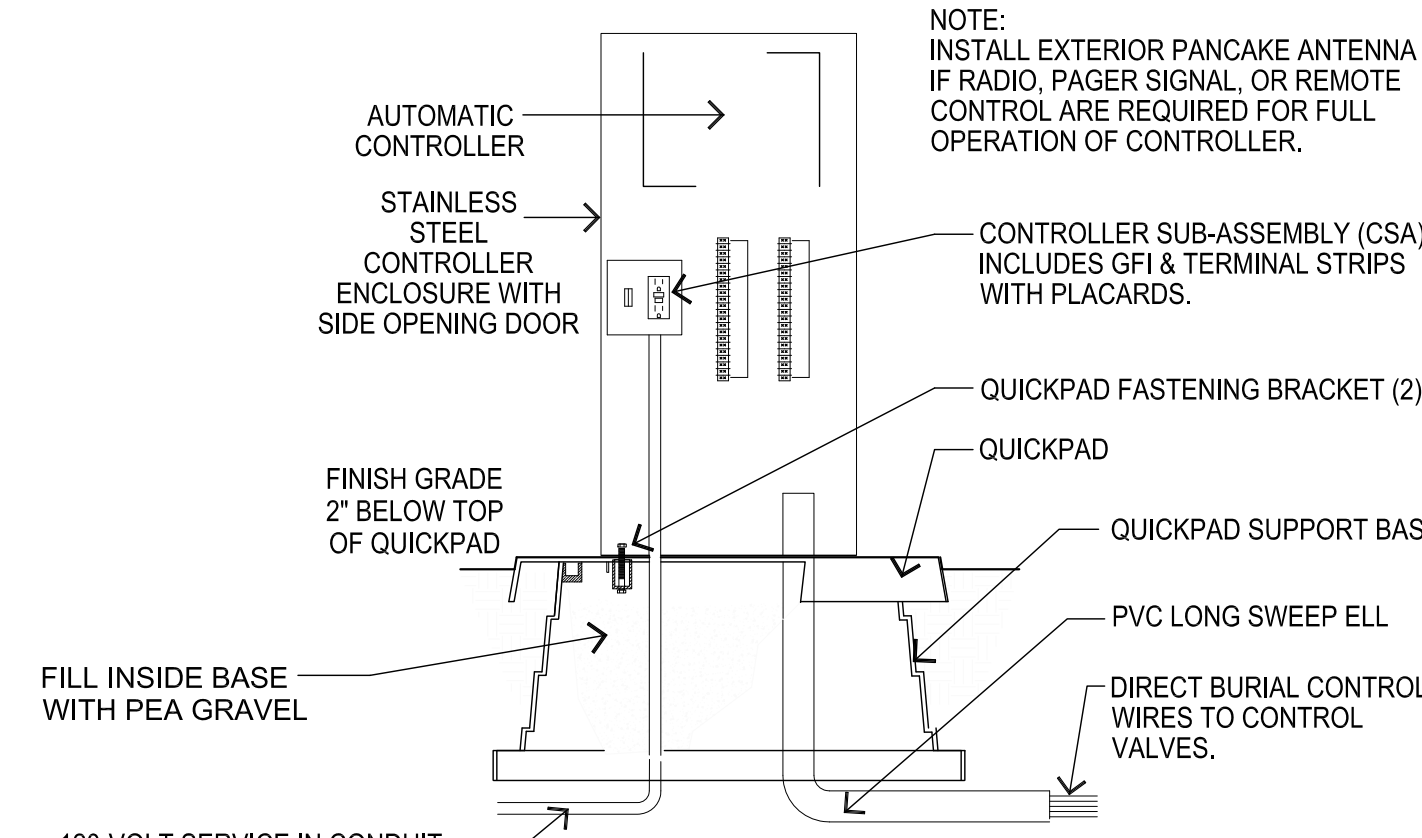
5 MASTER VALVE AND FLOW METER RUN
NTS



2 QUICK COUPLING VALVE
NTS



6 VALVE BOXES
NTS



3 CONTROLLER ENCLOSURE AND BASE
NTS

9 OPEN
NTS

Revisions:		Date:		CONSULTANTS:		ARCHITECT/ENGINEERS:		Drawing Title:		Project Title:		Project Number:		Office of Construction and Facilities Management	
				rhaa		MEI		IRRIGATION DETAILS		CONSTRUCT RETAINING WALL PARKING LOT 100W		640-12-116P		Office of Construction and Facilities Management	
				SAN FRANCISCO MIL VALLEY THINE DELHI		230 4TH STREET, SUITE 201 SAN FRANCISCO, CA 94103		Approved: Project Director		Location: 3801 Miranda Ave. Palo Alto, CA 94304		Building Number: NA		Department of Veterans Affairs	
				225 Miller Avenue, Mill Valley, CA 94041		T 415 382 7500 F 415 382 1433 www.rhaa.com				Date: 08 FEB 2013		Checked: MK		Drawn: EIB	
				S:\Active Job Files\WAPA Parking 100W 12038A\CAO\BID\RHAA\PLOTS\L3.3 Irrigation Details.dwg		3-12-13 02:38:32 PM elizabeth				Drawing Number: L3.3		Dwg. of			