

one eighth inch = one foot
0 4 8 16
three eighths inch = one foot
0 4 8
one quarter inch = one foot
0 4 8
one half inch = one foot
0 4 8
three quarters inch = one foot
0 2 4
one inch = one foot
0 6
one and one half inches = one foot
0 6
three inches = one foot
0 6
1

GENERAL NOTES:

1. 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.
2. 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.
3. 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.
4. 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 SAFEKEEPING 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.
5. 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.
6. 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.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE RESIDENT ENGINEER OF ANY DIFFERENCES IN LOCATIONS OF EXISTING UTILITIES FROM THAT SHOWN, OR ANY CONFLICTS WITH THE DESIGN BEFORE CONTINUING WORK IN THAT AREA.
8. PROVIDE ADEQUATE COVER FOR THE PROTECTION OF ALL PROPOSED AND EXISTING UTILITIES DURING THE CONSTRUCTION OF THIS PROJECT.
9. FINE GRADING INDICATED DEMONSTRATES DESIGN INTENT. CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED GRADES AND NOTIFY THE RESIDENT ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. ALL GRADING SHALL MEET ADA REQUIREMENTS AND VA DESIGN STANDARDS. 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. ALSO REFER TO CIVIL GENERAL NOTES.
10. 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 RESIDENT ENGINEER. 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 RESIDENT ENGINEER BEFORE BEGINNING WORK.
11. TREE ROOT BARRIERS ARE REQUIRED FOR ALL TREES NEAR CURBS OR CONCRETE PAVEMENT. REFER TO PLANS AND DETAIL.
12. COORDINATE TREE & SHRUB SPACING WITH LIGHT POSTS & OTHER LANDSCAPE FEATURES. COORDINATE WITH RESIDENT ENGINEER IF THERE ARE ANY DISCREPANCIES FROM THE PLAN & BUILT CONDITIONS. REFER TO ELECTRICAL DRAWINGS FOR LIGHT LAYOUT.
13. REFER TO G1000, VICINITY PLAN FOR APPROXIMATE AREA OF WORK DIAGRAM. CONTRACTOR IS RESPONSIBLE FOR PROVIDING LANDSCAPE WORK AS INDICATED HEREIN FOR ALL AREAS REQUIRING DEMOLITION OR DISTURBANCE.
14. ALL SITE UTILITY INFORMATION SHOWN IN LANDSCAPE DRAWINGS ARE FOR REFERENCE ONLY. REFER TO CIVIL DRAWINGS.

IRRIGATION NOTES

1. PROVIDE SIGNS, BARRICADES, FLAG PERSONS, ETC. NECESSARY TO MEET TRAFFIC REQUIREMENTS.
2. WIRE COLOR AS FOLLOWS: CONTROLLER - RED, COMMON - WHITE, SPARE - YELLOW OR BLUE.
3. CONTRACTOR TO PROVIDE 2" STUB-OUT FOR IRRIGATION FROM EXISTING 3" DOMESTIC WATER LINE. CONFIRM SIZE AND LOCATION OF EXISTING LINE IN THE FIELD. MAXIMUM IRRIGATION DEMAND: 31 GPH AT A MINIMUM 65 PSI STATIC PRESSURE AT STUB-OUT LOCATION. IF STATIC PRESSURE IS LESS THAN 65 PSI, NOTIFY CONTRACTING OFFICER'S REPRESENTATIVE PRIOR TO START OF CONSTRUCTION.
4. INSTALL WIRE, FROM CONTROLLER TO FLOW SENSOR AND MASTER VALVE, IN CONDUIT.
5. CONTACT RESIDENT ENGINEER AND COORDINATE ALL REVIEWS PRIOR TO COMMENCEMENT OF WORK.
6. 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 FITTINGS, 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 SYSTEM, PLANTING AND ARCHITECTURAL FEATURES.
7. 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.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION OF ALL IRRIGATION EQUIPMENT WITHIN THE DEMOLITION OF WORK AREAS AS SHOWN IN THE CIVIL DRAWINGS. CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER WHEN THE REMOVAL OF ANY EXISTING EQUIPMENT AFFECTS THE IRRIGATION OPERATIONS IN ANY EXISTING PLANTING AREAS TO REMAIN. THIS INCLUDES PLANTING AREAS BOTH INSIDE THE DEMOLITION LIMIT OF WORK, AND OUTSIDE THE DEMOLITION LIMIT OF WORK ADJACENT TO THE CONTRACT SITE. IT IS THE CONTRACTOR RESPONSIBILITY TO RE-ROUTE IRRIGATION LINES AS NECESSARY TO RESTORE IRRIGATION OPERATIONS FOR THESE AFFECTED AREAS.

PLANTING LEGEND

SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	QTY
	Trees Quercus agrifolia	Cost Live Oak	24" Box	Per Plan	12
SHRUBS, GRASSES, PERENNIALS & GROUND COVER					
	Shrubs Archtostrongylos 'Howard McMinn'	Mazanita	5 Gal	4' O.C.	233
	Heteromeles arbutifolia	Toyon	5 Gal	10' O.C.	11
	Grasses Calamagrostis 'Karl Forester'	Feather Reed Grass	1 Gal	2' O.C.	236
	Juncus patens	California Gray Rush	1 Gal	2' O.C.	657
	Perennials Rosa 'Flower Carpet White'	Flower Carpet White Rose	1 Gal	3' O.C.	151
	Ground Covers Ceanothus gloriosis 'Anchor Bay'	California Lilac	5 Gal	5' O.C.	121

IRRIGATION LEGEND

SYMBOL	DESCRIPTION	MANUFACTURER	COMMENTS
	TREE ROOT WATERING SYSTEM	RAINBIRD RWS	18" DEEP, 2 PER TREE, 0.25 GPM EACH
	POP UP SPRAY - 15', 12', 10', & 5'	RAINBIRD MPR POP UP SPRAY	1" PRECIPITATION RATE, 12" POP HEIGHT, MPR, 70% D.U. MIN.
	SHRUB ROTATOR - 30'	HUNTER MPR40-12-CV-MP3000	0.5" PRECIPITATION RATE, 12" POP-UP, MPR 80% D.U. MIN.
	SHRUB ROTATOR - 20'	HUNTER MPR40-12-CV-MP2000	0.5" PRECIPITATION RATE, 12" POP-UP, MPR 80% D.U. MIN.
	SHRUB ROTATOR - 14'	HUNTER MPR40-12-CV-MP1000	0.5" PRECIPITATION RATE, 12" POP-UP, MPR 80% D.U. MIN.
	CONTROLLER IN PEDESTAL ENCLOSURE	Rain Bird ESP-12LXME	12 STATION. SEE SPECIFICATIONS
	REMOTE CONTROL VALVE	GRISWOLD 2000 SERIES	SIZE AS NOTED ON PLANS
	MASTER VALVE	GRISWOLD 2000 SERIES	NORMALLY CLOSED, LINE SIZE
	QUICK COUPLING VALVE	RAINBIRD 44RC	1" VALVE, TWO-PIECE DESIGN
	GATE VALVE	NIBCO T-113	LINE SIZE, IN VALVE BOX
	FLOW SENSOR	DATA INDUSTRIAL FM-1.5B	INLINE, NON-MAGNETIC IMPELLER TYPE, 1.5" SIZE
	BACKFLOW PREVENTER	WILKINS 975 XL2 - 2"	
	MAINLINE PIPE - 2" SCHEDULE 40 PVC		
	LATERAL LINE PIPE - SCHEDULE 40 PVC		
	SLEEVE - SCHEDULE 40 PVC, SIZE AS INDICATED		
	CONTROLLER / STATION NUMBER		
	GPM / ZONE		
	VALVE SIZE		

100% CONSTRUCTION DOCUMENTS	09/06/2013
Revisions:	Date

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Drawing Title
NOTES AND LEGENDS

Approved: Project Director
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-
VAPAHCS PLANNING AND ENGINEERING

Project Title
MOUNTAIN VIEW PARKING LOT

Location
1776 OLD MIDDLEFIELD WAY, MOUNTAIN VIEW, CA

Date
09/06/2013

Checked
JC

Drawn
JC/KS

Project Number
640-381

Building Number
NA

Drawing Number
LP000

Dwg. 4 of 16

Office of
Construction
and Facilities
Management

VA PAHCS
Veterans Affairs Park & Recreation

100% CONSTRUCTION DOCUMENTS