

OVERLOOK DRIVE

FXLuminaire®

PROJECT:
 STEVENS RESIDENCE
 13465 OVERLOOK DRIVE
 SAN MARCOS, CA 92078

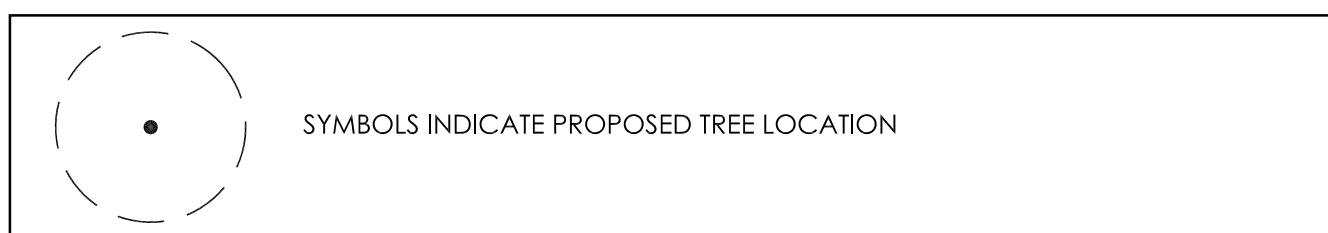
12 VOLT LIGHTING LEGEND

SYMBOL	DESCRIPTION/MODEL	WATTS / VA	MANUFACTURER	ACCESSORIES / MOUNTING	QUANTITY
	WALL WASH MODEL #: WS-LED35W-BZ	1.5 / 2.6	FX LUMINAIRE	LONG SLOT SPIKE MOUNT INCLUDED	1
	UP LIGHT MODEL #: RS-LED35WFL-LS-BZ	5.0 / 5.4	FX LUMINAIRE	LONG SLOT SPIKE MOUNT INCLUDED	14
	PATH LIGHT MODEL #: SP-A-LED20W-18R	1.6 / 1.7	FX LUMINAIRE	LONG SLOT SPIKE MOUNT INCLUDED	22
	LOUVER LIGHT MODEL #: LF-1LED-CU	2.0 / 2.4	FX LUMINAIRE	STAINLESS STEEL BRACKET	9
	BBQ TASK LIGHT MODEL #: BQ-1LED-SS	2.0 / 2.4	FX LUMINAIRE	NA	1
	120 VOLT ELECTRICAL POWER for CONTROLLER				2
	150 WATT EX TRANSFORMER MANUFACTURER: FX LUMINAIRE MODEL #: EX-150-W		FX LUMINAIRE	(2) EXPC PHOTOCELL (2) PXTIMER	2
	2" PVC SLEEVING				
	DIRECT BURIAL WIRE (SIZE APPROPRIATE TO ACCOMMODATE FOR VOLTAGE DROP)				

GENERAL LIGHTING NOTES:

- THIS PLAN IS INTENDED FOR LANDSCAPE LIGHTING PURPOSES ONLY. ALL LIGHTING FIXTURES AND TRANSFORMERS SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN COMPLIANCE WITH ALL LOCAL BUILDING SAFETY CODES AND ORDINANCES.
- FIXTURES ARE SHOWN IN APPROXIMATE LOCATION. THE CONTRACTOR SHOW FIELD VERIFY THE ACTUAL PLACEMENT OF EACH FIXTURE UPON COMPLETION OF LANDSCAPE INSTALLATION.
- ALL PATH LIGHTS ARE TO BE INSTALLED AT A MINIMUM OF 12 INCHES FROM ANY SIDEWALK OR VERTICAL STRUCTURE.
- ALL LOW-VOLTAGE DIRECT BURIAL WIRE TO BE INSTALLED AT >= 6" BELOW FINISH GRADE PER ELECTRICAL CODE.
- IN ORDER TO MINIMIZE FUTURE DISTURBANCE, ALL WIRE RUNS SHALL BE INSTALLED PARALLEL AND ADJACENT TO HARD SURFACES SUCH AS SIDEWALKS DRIVEWAYS AND WALLS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING SLEEVES UNDER ALL HARDSCAPE SURFACES USING A MINIMUM 1 INCH PVC PIPE.
- ALL UNDERGROUND SPLICES SHALL BE UL-486RATED AND INSTALLED IN UNDERGROUND J-BOXES WITH WATER TIGHT CONNECTIONS LEAVING 12 INCHES OF EXCESS WIRE SLACK.
- ALL EXTERIOR 120 - VOLT ELECTRICAL OUTLETS SHALL BE GFI PROTECTED AS PER NATIONAL ELECTRICAL CODE
- ALL TRANSFORMERS PLUGGED INTO AN OUTDOOR RECEPTACLE SHALL HAVE AN 'IN USE' COVER. CONTRACTOR SHALL INSTALL TAYMAC TYPE COVERS AT ALL OUTLETS.
- ALL PLUG-IN TRANSFORMERS SHALL HAVE A DRIP LOOP IN THE POWER CORD.
- ALL EXPOSED CONDUITS SHALL BE PAINTED TO MATCH SURROUNDINGS.
- THE INSTALLING CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE FIXTURES AT NIGHT TO HELP ELIMINATE GLARE AND TO ENSURE OPTIMUM LIGHTING EFFECT.
- CONTRACTOR TO VERIFY A MINIMUM OF 10 VOLTS AT THE LAST AT THE LAST FIXTURE FOR OPTIMAL OPERATION.
- CONTRACTOR TO CENTER FEED THE SYSTEM WHEN AT ALL POSSIBLE and VERIFY ALL WIRE CONNECTIONS ARE AT THE FIXTURES.
- ALL WIRE CONNECTIONS AT FIXTURES SHALL BE MADE USING WATER TIGHT CONNECTIONS.

TRANSFORMER SIZING NOTE:
 TRANSFORMERS TO BE SIZED PER THE OVERALL VOLT AMPS (VA) NOT PER WATTS USED.



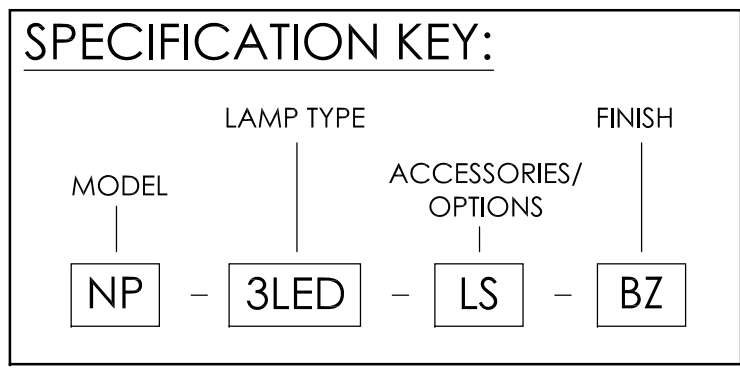
LIGHTING CUTSHEETS NOTE:
 SEE SHEET LL.3 FOR LIGHTING CUTSHEETS AND MANUFACTURERS SPECIFICATION.

TRANSFORMER KEY:

	CAPACITY
	VOLT AMPS

LED WATTAGE CONSUMPTION CHART:

1 LED	= 2.0 WATTS / 2.4 VOLT-AMPERE
LED20W	= 4.0 WATTS / 4.2 VOLT-AMPERE
LED35W	= 5.0 WATTS / 5.3 VOLT-AMPERE
LED50W	= 6.0 WATTS / 6.5 VOLT-AMPERE



REVISIONS:

JOB NUMBER:
 DRAWN BY: FX LUMINAIRE
 PLAN DATE:
 SCALE: 1/4" = 1'-0"

TITLE:
LOW VOLTAGE LIGHTING PLAN

SHEET NO:
LL.1

