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NEW SINGLE FAMILY HOUSE @
2882 DARIUS WAY
SAN LEANDRO, CALIFORNIA

Sheet:
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of

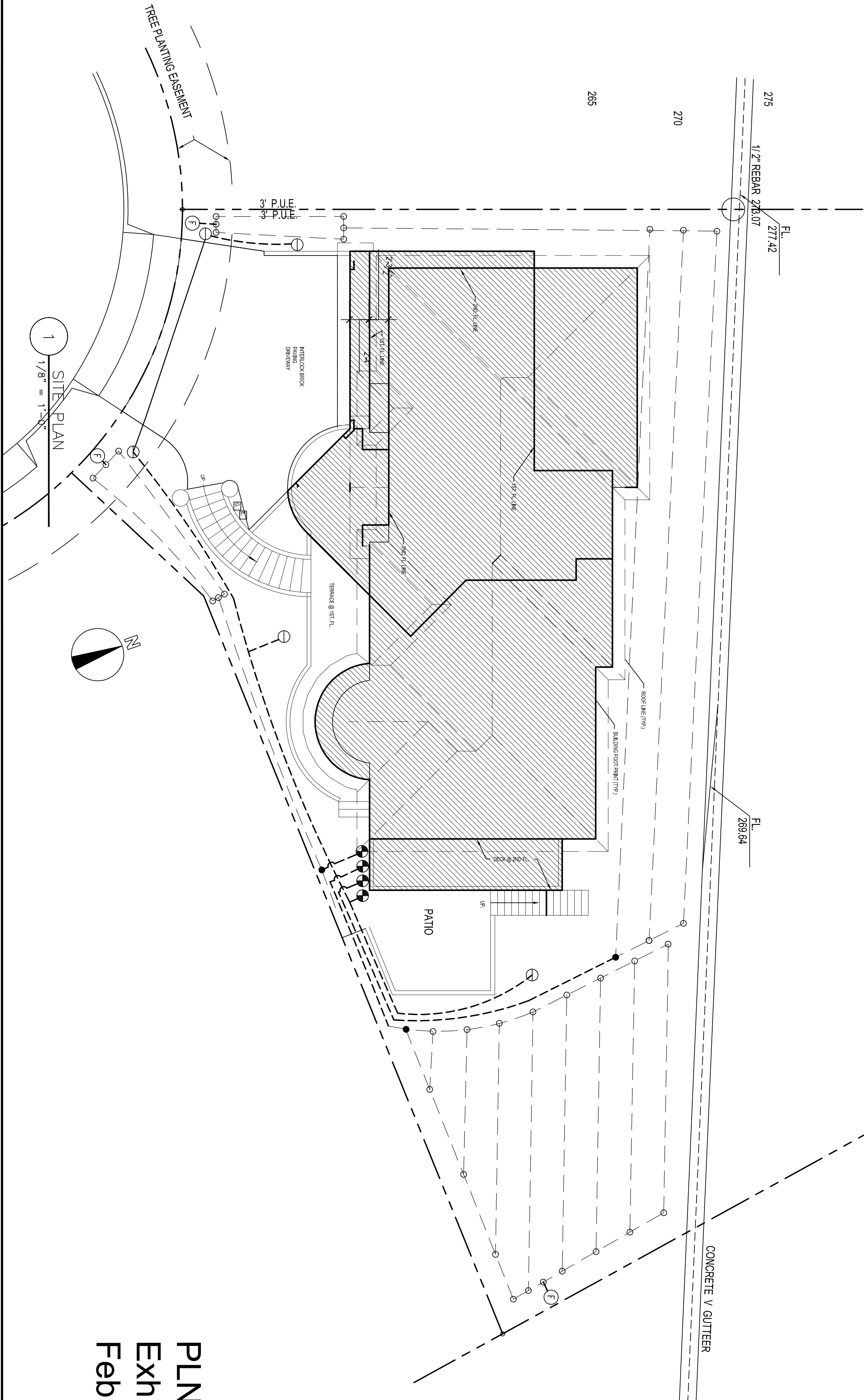
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IRRIGATION LEGEND							
SYMBOL	INFRA	MODEL	DESCRIPTION	PSI	GPM	R4D	ARC
●	RANBR0	1802-15F	FULL LAMN SPRAY	30	3.7	15'	360°
◐	RANBR0	1802-15H	HALF	30	1.85	15'	180°
◑	RANBR0	1802-15Q	1/4	30	0.93	15'	90°
○	RANBR0	1802-12F	FULL	30	2.6	12'	360°
◐	RANBR0	1802-12H	HALF	30	1.3	12'	180°
◑	RANBR0	1802-12Q	1/4	30	0.65	12'	90°
◓	RANBR0	1806-15CST	CENTER STRIP SHROU SPRAY	30	1.21	4x30'	
◓	RANBR0	1806-15EST	END	30	0.61	4x30'	
◓	RANBR0	1806-5CST-B	STREAM BUBBLER NOZZLES	30	0.5	10'	
◓	RANBR0	1806-15EST-B	CENTER STRIP	30	0.5	5'	
⊖	RANBR0	1402	BUBBLER HEAD	30	0.25		
⊞	RANBR0	CRC-4A (4 STR)	WALL MOUNT AUTOMATIC SPRINKLER CONTROLLER PRINCIPLE ASSEMBLY				WEATHER AUTO SENSER
⊞	FEBC0	825F	ELECT. REMOTE CONTROL				
⊞	RANBR0	100 FE	ELECT. REMOTE CONTROL				
⊗		HAMOND	LINE SIZE GATE VALVE				
⊞			WATER METER				
⊞			CLASS 200 PVC LATERAL W/ 6" MIN. COVER				
⊞			SOCHED. 40 PPG PRESSURE LINE W/ 18" MIN. COVER				
⬢			HOSE BIBB				
⬢			DRIP MULTI EMITTER	30	0.25		
⌞		DCA-200	BACK FLOW PREVENTER				
⌞			IN-LINE DRIP TUBING				
○			BLANK DRIP TUBING				
●			DRIP TUBING FITTING				
⊞			PVC LATERAL TO IN-LINE TUBING CONNECTION				
⊞			FLUSH-OUT				

IRRIGATION LEGEND

IRRIGATION NOTES

- 1.) VERIFY WAVE PRESSURE OF 80 PSI PRIOR TO BEGINNING WORK. NOTIFY LANDSCAPE ARCHITECT OR ANY DISCREPANCIES.
- 2.) THIS DESIGN IS DIAGNOSTIC, ALL PING, VALVES, ETC. SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY, AN OSVALL BE INSTALLED IN PLANTING AREAS WHERE POSSIBLE. AVOID ANY CONFLICTS BETWEEN THE SPRINKLER SYSTEM, PLANTING AND ARCHITECTURAL FEATURES.
- 3.) IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL GRAD DIFFERENCES, LOCATION OF WALLS, RETAINING WALLS, ETC. HE SHALL COORDINATE HIS WORK WITH THE GENERAL CONTRACTOR AND OTHER SUB-CONTRACTORS FOR THE LOCATION AND THE INSTALLATION OF PIPE SLEEVES THROUGH WALLS, UNDER ROADWAYS, PAVING, STRUCTURES, ETC.
- 4.) THE IRRIGATION CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS FOR OPTIMUM PERFORMANCE AND TO PREVENT OVERSPRAY ONTO WALLS, ROADWAYS AND/OR BUILDINGS AS MUCH AS POSSIBLE. THIS SHALL INCLUDE SELECTING THE BEST PATTERN OF ARC TO FIT THE EXISTING SITE CONDITIONS AND TO THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH SYSTEM.
- 5.) ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISH GRADE OF THE AREA TO BE IRRIGATED UNLESS OTHERWISE DESIGNATED ON THE PLANS.
- 6.) IN ADDITION TO THE SLEEVES AND CONDUITS SHOWN ON THE DRAWINGS THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF SLEEVES AND CONDUITS OF SUFFICIENT SIZE UNDER ALL PAVED AREAS.
- 7.) WHERE IT IS NECESSARY TO EXCAVATE ADJACENT TO EXISTING TREES, THE IRRIGATION CONTRACTOR SHALL USE ALL POSSIBLE CARE TO AVOID INJURY TO TREES, AND TREE ROOTS. EXCAVATION IN AREAS WHERE TWO (2) INCH AND LARGER ROOTS OCCUR SHALL BE DONE BY HAND. ROOTS ONE (1) INCH AND LARGER IN DIAMETER SHALL BE PAINTED WITH TWO COATS OF TREE SEAL, OR EQUAL. TRENCHES ADJACENT TO TREE SHOULD BE CLOSED WITHIN TWENTY-FOUR (24) HOURS, AND WHERE THIS IS NOT POSSIBLE, THE SIDE OF THE TRENCH ADJACENT TO THE TREE SHALL BE KEPT SHADED WITH BURLAP OR CANVAS.
- 8.) PROVIDED LINE SIZE CHECK VALVES WHERE FIELD CONDITIONS REQUIRED.
- 9.) INSTAL VALVE BOXES 12" FROM AND PERPENDICULAR TO WALK, CURB, ETC. AND EACH BOX SHALL BE 6" APART. SHORT SIDE OF VALVE BOX SHALL BE PARALLEL TO WALK, CURB, ETC.



PLN17-0047
Exhibit M
February 1, 2018